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ASPHALT COMPACTION TEST REPORT

☒ As per ASTM D-2950-91 (Nuclear Density Gauge)

CLIENT : Capo Environmental Inc.
45 Pine Street, Suite 110
Rockaway, NJ 07866

Attn. Mr. Paul Ferroni

PROJECT : Rockaway Borough Sportfund Site
122 Jackson Avenue
Rockaway, NJ

DATE : 8/8/2011

FILE NO. : ANX – 1743

REPORT # : 01

ENGINEER : Kiren Nagar

TIME : 7:00 a.m. – 9:00 p.m.

CERTIFICATE OF INSPECTION

As per your request asphalt compaction tests were performed at the above referenced project site on 08/08/2011.

TEST NO.	*1 LOCATION/ ELEVATION	DENSITY (LB/CU FT) FIELD	COMPACTION (%)	TEST NO.	*1 LOCATION/ ELEVATION	DENSITY (LB/CU FT) FIELD	COMPACTION (%)
2" Base Course (1 - 2)				2" Surface Course (1-6)			
1	"	149.1	94.1	5	"	149.6	92.6
2	"	150.4	94.8	6	"	151.7	95.4
3	"	148.4	93.7	7	"	150.9	94.7
4	"	148.2	93.6	8	"	151.9	95.2
TROXLER # 28 DAY OF 26 -6592 DS2 OF W3 -1503							

Remarks :

1 A Marshall number of 154.7 lb./ft.³ and A of Rice number 160.4 lb./ft.³ was provided by the Client. A Rice number of 156.4 lb./ft.³ was utilized for test # 1 to 4. (Base course 1-4).

2 A Marshall number of 151.6 lb./ft.³ and A of Rice number 157.9 lb./ft.³ was provided by the Client. A Rice number of 157.3 lb./ft.³ was utilized for test # 5 to 8. (Surface course 1-6).

Truck Temperature 280°F, 278°F, 275° - (1-4) Truck Temperature 280°F, 280°F, 280°F - (1-6). Asphalt temperature was consumed between 275°F to 280°F for both mixes. Thickness verification made at every 5' distance for both courses and found satisfactory.

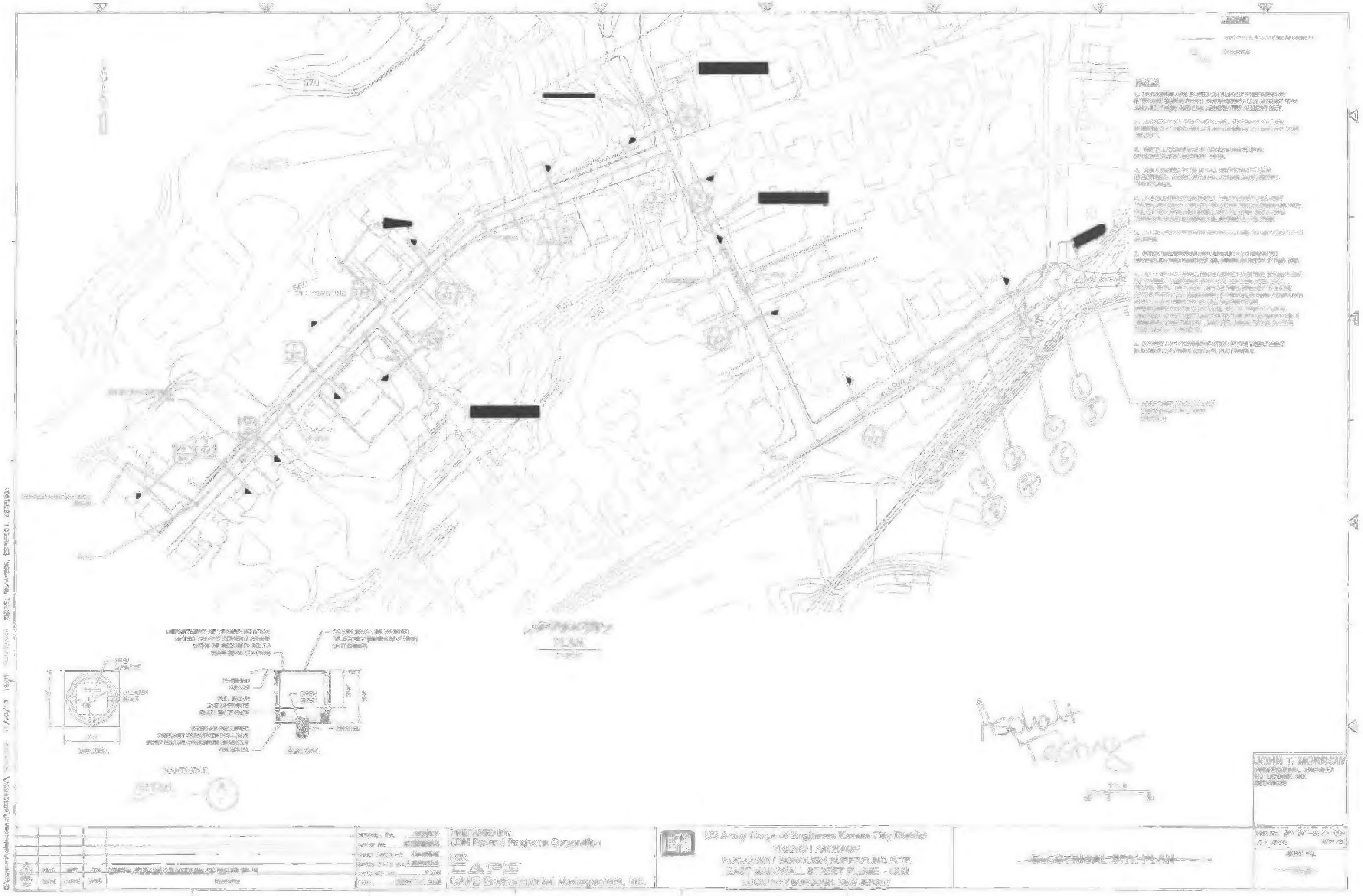
Location/Elevation : Test were taken over base course and surface course (2" and 2") between Ogden Avenue and Manitoba - 1. (See attached sketch).

Specification Requirements : 93% to 98% of the Rice Density.

☒ Complied With : Test # 1 – 8

☐ Not Complied With :

☒ Sliding block covering the source rod was checked before placing the gauge in the storage box.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ASPHALT COMPACTION TEST REPORT

☒ As per ASTM D-2950-91 (Nuclear Density Gauge)

CLIENT : Cano Environmental Inc.
45 Pine Street, Suite 110
Rockaway, NJ 07866

Attn. Mr. Paul Ferroni

PROJECT : Rockaway Borough Superfund Site
102 Jackson Avenue
Rockaway, NJ

DATE : 08/08/2011

FILE NO. : ANX - 1743

REPORT # : 01

ENGINEER : Ripan Nagar

TIME : 7:00 a.m. - 5:00 p.m.

CERTIFICATE OF INSPECTION

As per your request asphalt compaction tests were performed at the above referenced project site on 08/08/2011.

	*1	DENSITY (LBS/CU.FT)			*1	DENSITY (LBS/CU.FT)	
TEST NO.	LOCATION/ ELEVATION	FIELD	COMPACTION (%)	TEST NO.	LOCATION/ ELEVATION	FIELD	COMPACTION (%)
3" Base Course (1 - 2)				2" Surface Course (5-8)			
1	-	150.4	96.4	5	-	150.2	96.3
2	-	150.3	96.3	6	-	151.2	96.9
3	-	150.4	96.4	7	-	150.9	96.7
4	-	150.2	96.2	8	-	151.0	96.7
TROXLER 3241 SN: CF 35-8362 DSP CF MS-4439							

Remarks :

1. A Marshall number of 154.7 lb/ft³ and A of Rice number 159.4 lb/ft³ was provided by the Client. A Rice number of 159.4 lb/ft³ was utilized for test # 1 to 4. (Base course 1-2).

2. A Marshall number of 151.6 lb/ft³ and A of Rice number 157.3 lb/ft³ was provided by the Client. A Rice number of 157.3 lb/ft³ was utilized for test # 5 to 8. (Surface course 5-8).

   Truck Temperature 282°F, 276°F, 279° - (1-2). Truck Temperature 280°F, 282°F, 282°F - (5-8). Asphalt temperature was encountered between 276°F to 280°F for both mixes. Thickness verification made at every 5' distance for both courses and found satisfactory.

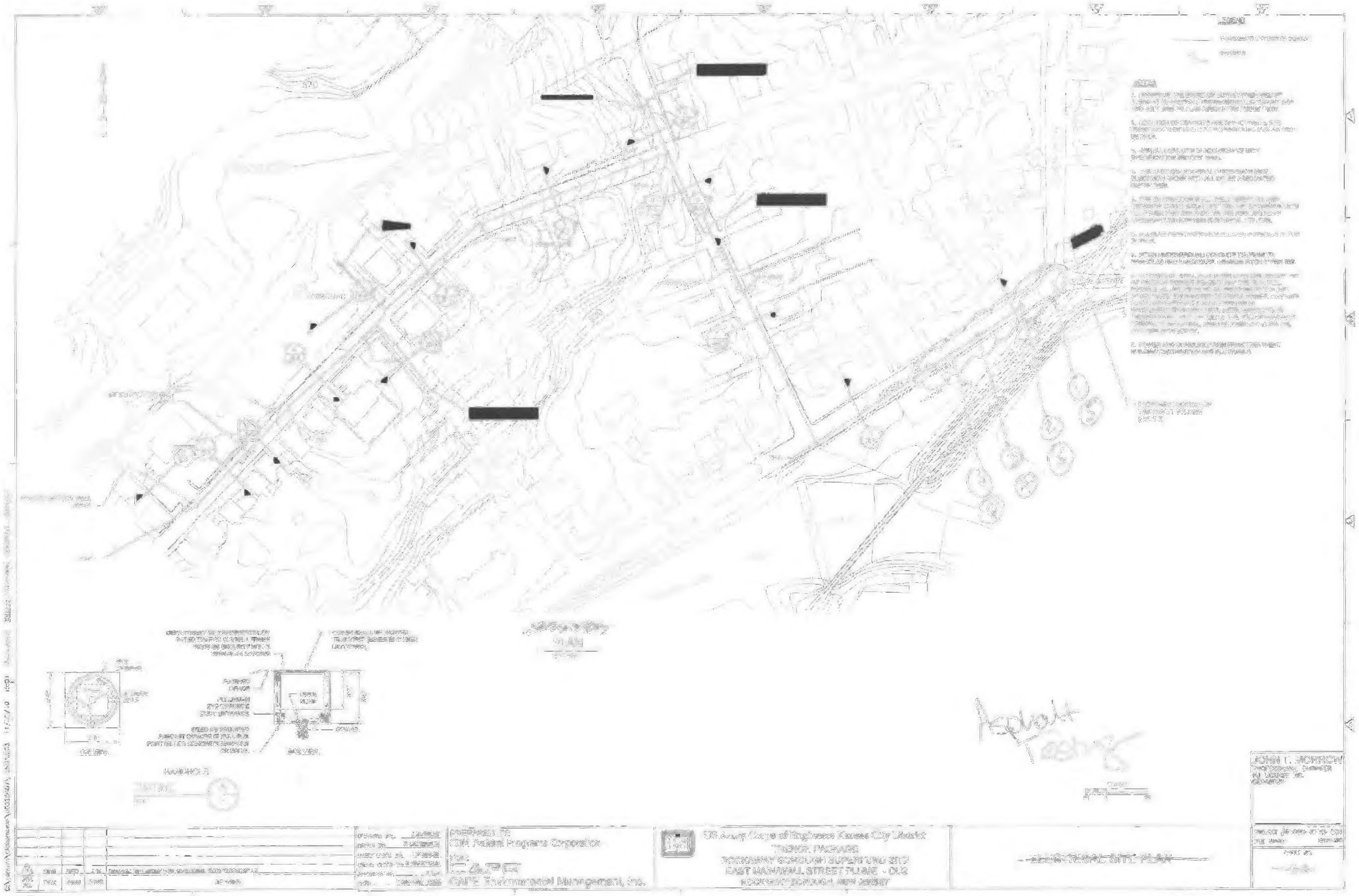
Location/Elevation : Test were taken over base course and surface course (3" and 2") between Ogden Avenue and Manhole - 1. (See attached sketch).

Specification Requirements : 92% to 98% of the Rice Density.

☒ Complied With : Test # 1 - 8

☐ Not Complied With :

☒ Sliding block covering the source rod was checked before placing the gauge in the storage box.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CAPE Environmental Management, Inc.
US Army Corps of Engineers Kansas City District
TRENCH PACKAGE
ROCKAWAY BOROUGH SUPERFUND SITE
EAST MANNWALL STREET PLUME - OU2
ROCKAWAY BOROUGH, NEW JERSEY
SITE PLAN

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[illegible]

ASPHALT COMPACTION TEST REPORT

☒ As per ASTM D-2950-91 (Nuclear Density Gauge)

CLIENT :	Cape Environmental Inc. 45 Pine Street, Suite 110 Rockaway, NJ 07866	DATE :	8/8/2011
		FILE NO. :	ANX - 1748
	Attn. Mr. Paul Ferroni	REPORT # :	01
PROJECT :	Rockaway Borough Superfund Site 122 Jackson Avenue Rockaway, NJ	ENGINEER :	Ripen Nagal
		TIME :	7:00 a.m. - 5:00 p.m.

CERTIFICATE OF INSPECTION

As per your request asphalt compaction tests were performed at the above referenced project site on 08/08/2011

	*	DENSITY (LB/CU FT)			*	DENSITY (LB/CU FT)	
TEST NO.	LOCATION/ ELEVATION	FIELD	COMPACTION (%)	TEST NO.	LOCATION/ ELEVATION	FIELD	COMPACTION (%)
2" Base Course (1 - 2)				2" Surface Course (1-8)			
1	-	150.8	94.4	5	-	148.6	92.9
2	-	150.4	93.8	6	-	151.2	94.4
3	-	149.4	93.4	7	-	150.8	94.7
4	-	144.2	90.2	8	-	151.4	94.6
TROXLER # 25 DS1 OF DS - 8862 DS2 OF MS - 7933							

Remarks :

1 A Marshall number of 154.7 lb./ft.³ and A of Rice number 158.4 lb./ft.³ was provided by the Client. A Rice number of 158.4 lb./ft.³ was utilized for test # 1 to 4. (Base course 1-2).

2 A Marshall number of 151.6 lb./ft.³ and A of Rice number 157.3 lb./ft.³ was provided by the Client. A Rice number of 157.3 lb./ft.³ was utilized for test # 5 to 8. (Surface course 1-8).

Truck Temperature 262°F, 278°F, 276° - (1-2) Truck Temperature 280°F, 282°F, 282°F - (1-8). Aspalt temperature was encountered between 270°F to 280°F for both mixes. Thickness verification made at every 5' distance for both courses and found satisfactory.

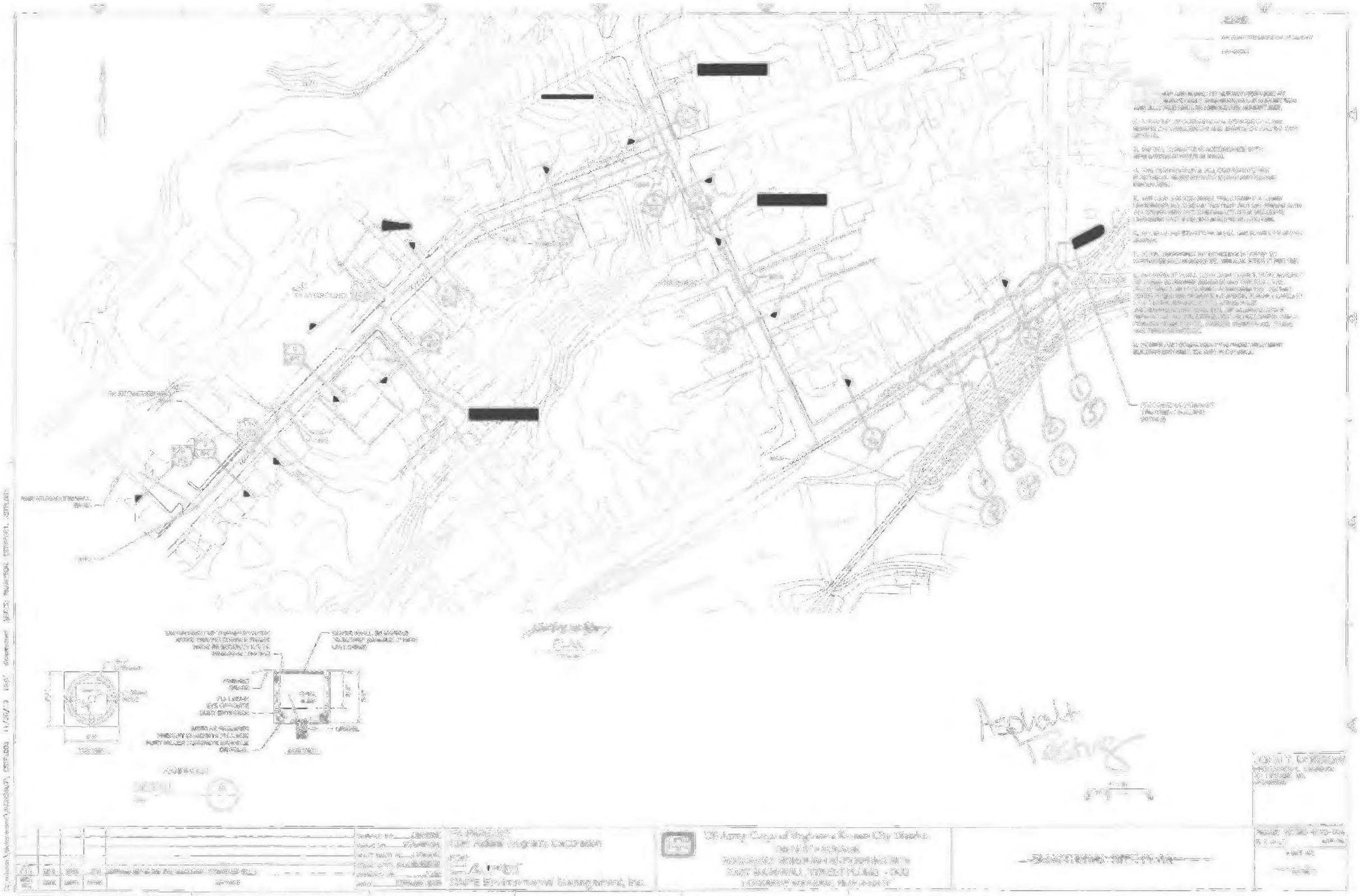
Location/Elevation : Test were taken over base course and surface course (6" and 2") between Ogden Avenue and Manhole - 1. (See attached sketch).

Specification Requirements : 92% to 96% of the Rice Density.

☒ Complied With : Test # 1 - 8

☐ Not Complied With :

☒ Sliding Block covering the source rod was checked before placing the gauge in the storage box.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ASPHALT COMPACTION TEST REPORT

☒ As per ASTM D-2950-91 (Nuclear Density Gauge)

CLIENT : Cape Environmental Inc.
45 Pine Street, Suite 113
Rockaway, NJ 07866

Attn. Mr. Paul Ferroni

DATE : 6/9/2011

FILE NO. : ANX - 1743

REPORT # : 02

PROJECT : Rockaway Borough Superfund Site
122 Jackson Avenue
Rockaway, NJ

ENGINEER : Ripen Nagar &
Rishor Soni

TIME : 7:00 a.m. - 3:30 p.m.

CERTIFICATE OF INSPECTION

As per your request asphalt compaction tests were performed at the above referenced project site on 06/09/2011

	%	DENSITY (LB./CU.FT)			%	DENSITY (LB./CU.FT)	
TEST NO.	LOCATION/ ELEVATION	FIELD	COMPACTION (%)	TEST NO.	LOCATION/ ELEVATION	FIELD	COMPACTION (%)
± 3" Base Course				± 3" Top Course			
1	-	149.0	95.7	4	-	149.5	91.5
2	-	151.5	96.8	5	-	149.8	92.9
3	-	150.7	96.4				
TROXLER # 25 DS1 OF DS-6872 DS2 OF MS-1950							

Remarks :

1 A Marshall number of 154.4 lb./ft.³ and A of Rice number 158.1 lb./ft.³ was provided by the Client. A Rice number of 158.1 lb./ft.³ was utilized for test # 1 to 3. (Base course).

2 A Marshall number of 152.4 lb./ft.³ and A of Rice number 156.0 lb./ft.³ was provided by the Client. A Rice number of 156.0 lb./ft.³ was utilized for test # 4 to 5. (Top course).

Truck Temperature 300°F, 300°F and 298° - (1-3 Base). Truck Temperature 320°F and 280°F (4-5 Top). Surface course was paved during rain and did not tested. Contractor was informed along with Cape Rep. decided to finish next day.

Location/Elevation : See attached sketch.

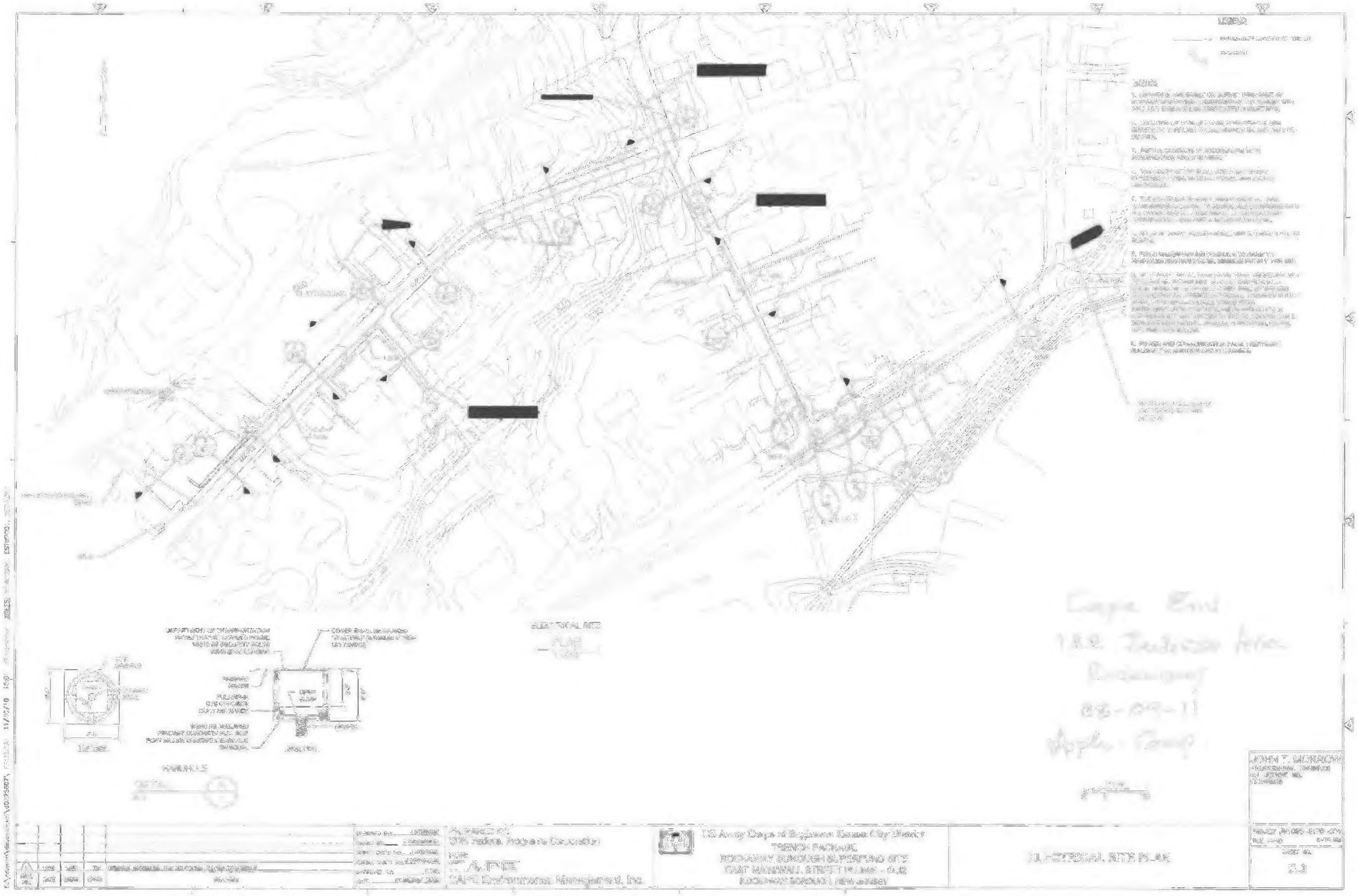
Specification Requirements : 92% to 99% of the Rice Density.

☒ Complied With : Test # 1 - 5

☐ Not Complied With :

☒ Sliding block covering the source rod was checked before placing the gauge in the storage box.

See Additional Page Ref.


LEGEND
NOTES
Cape End
TRC Jackson Area
Redevelopment
03-09-11
Apple Comp
JOHN T. MORROW
TRENCH PACKAGE
ROCKAWAY BOROUGH SUPERFUND SITE
EAST MANSFIELD STREET TO LINE - 0.02
ROCKAWAY BOROUGH, NEW JERSEY
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HISTORICAL SITE PLAN
E.3

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ASPHALT COMPACTION TEST REPORT

☒ As per ASTM D-2950-91 (Nuclear Density Gauge)

CLIENT :	Cape Environmental Inc. 45 Pine Street, Suite 110 Rockaway, NJ 07866	DATE :	8/8/2011
		FILE NO. :	ANX - 1743
	Attn. Mr. Paul Ferroni	REPORT # :	02
PROJECT :	Rockaway Borough Superfund Site 122 Jackson Avenue Rockaway, NJ	ENGINEER :	Nipen Nagar & Kishor Soni
		TIME :	7:00 a.m. - 3:00 p.m.

CERTIFICATE OF INSPECTION

As per your request asphalt compaction tests were performed at the above referenced project site on 08/08/2011

TEST NO.	LOCATION/ ELEVATION	DENSITY (LB/CU FT) FIELD	DENSITY (LB/CU FT) COMPACTION (%)	TEST NO.	LOCATION/ ELEVATION	DENSITY (LB/CU FT) FIELD	DENSITY (LB/CU FT) COMPACTION (%)
1-3" Base Course				4-3" Top Course			
1	-	150.1	92.7	4	-	150.6	94.0
2	-	147.9	91.4	5	-	149.8	93.5
3	-	148.7	92.2				
TROXLER # 26 DSC OF DB - 4872 DS2 OF MB - 1856							

Remarks :

1 A Marshall number of 154.4 lb./ft.³ and A of Rice number 159.7 lb./ft.³ was provided by the Client. A Rice number of 159.1 lb./ft.³ was utilized for test # 1 to 3. (Base course).

2 A Marshall number of 152.4 lb./ft.³ and A of Rice number 158.0 lb./ft.³ was provided by the Client. A Rice number of 158.0 lb./ft.³ was utilized for test # 4 to 5. (Top course).

Truck Temperature 308°F, 308°F and 298° - (1-3 Base). Truck Temperature 290°F and 292°F (4-5 Top). Surface course was paved during rain and did not tested. Contractor was informed along with Cape Rep. decided to check next day.

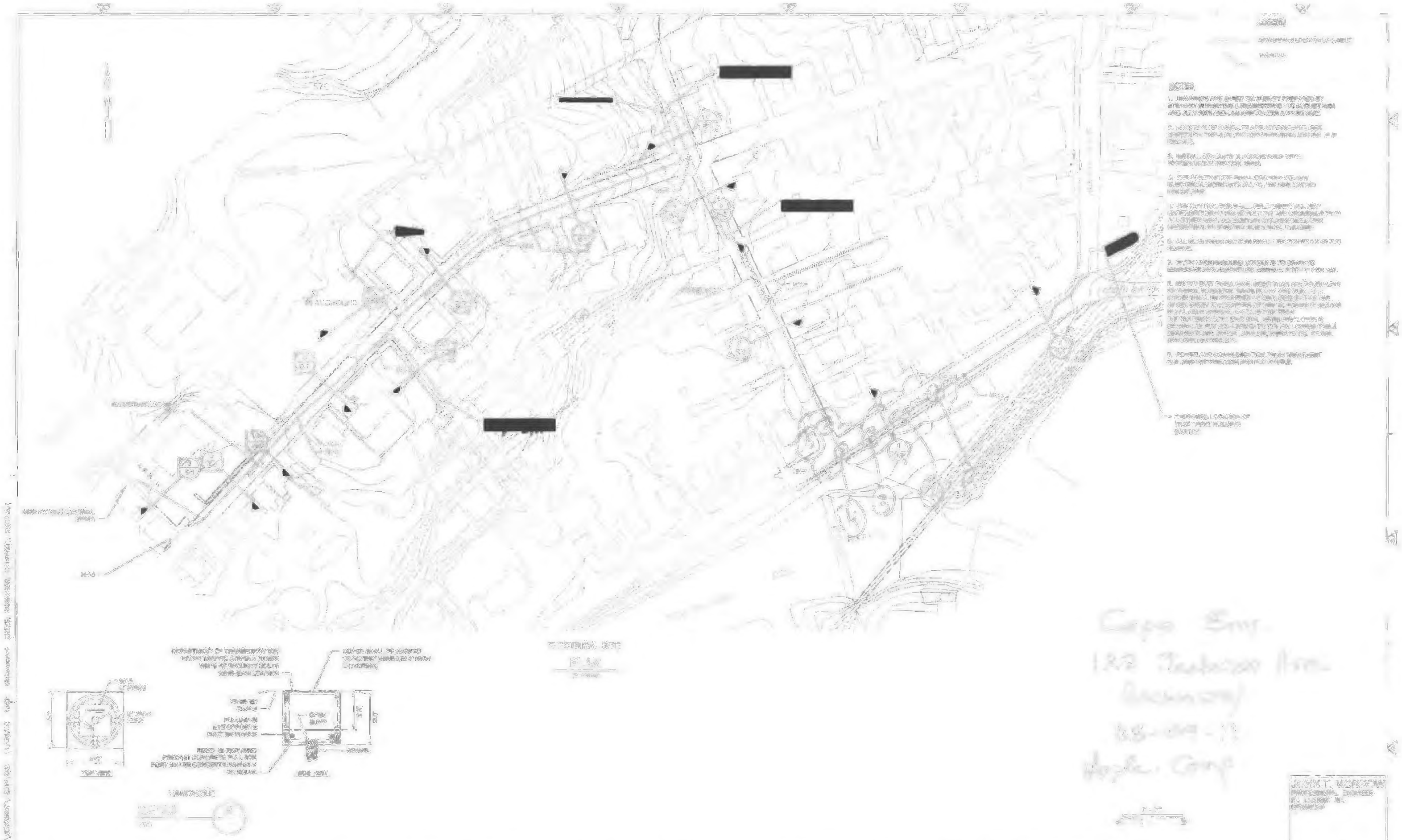
Location/Elevation : See attached sketch.

Specification Requirements : 92% to 98% of the Rice Density.

☒ Complied With : Test # 1 - 5

☐ Not Complied With :

☒ Sliding block covering the source rod was checked before placing the gauge in the storage box.



ELECTRICAL SITE PLAN

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ASPHALT COMPACTION TEST REPORT

☒ As per ASTM D-2950-91 (Nuclear Density Gauge)

CLIENT : Cape Environmental Inc.
49 Pine Street, Suite 110
Rockaway, NJ 07866

Attn. Mr. Paul Ferroni

PROJECT : Rockaway Borough Superfund Site
122 Jackson Avenue
Rockaway, NJ

DATE : 8/9/2011

FILE NO. : ANX - 1749

REPORT # : 02

ENGINEER : Hoon Nagar &
Kishor Soni

TIME : 7:00 a.m. - 3:30 p.m.

CERTIFICATE OF INSPECTION

As per your request asphalt compaction tests were performed at the above referenced project site on 08/09/2011.

	#	DENSITY (LB/CU FT)			#	DENSITY (LB/CU FT)	
TEST NO.	LOCATION/ ELEVATION	FIELD	COMPACTION (%)	TEST NO.	LOCATION/ ELEVATION	FIELD	COMPACTION (%)
± 3" Base Course				± 3" Top Course			
1	*	148.1	93.7	4	*	148.6	94.0
2	*	147.5	93.3	5	*	148.6	94.0
3	*	148.7	94.1				
TROXLER # 29 DS1 OF DS-WH72 DS2 OF WS-1850							

Remarks :

1 A Marshall number of 154.4 lb./ft.³ and A of Rice number 158.1 lb./ft.³ was provided by the Client. A Rice number of 158.1 lb./ft.³ was utilized for test # 1 to 3. (Base course).

2 A Marshall number of 152.4 lb./ft.³ and A of Rice number 158.0 lb./ft.³ was provided by the Client. A Rice number of 158.0 lb./ft.³ was utilized for test # 4 to 5. (top course).

Truck Temperature 300°F, 308°F and 299° - (1-3 Base) Truck Temperature 290°F and 298°F (4-5 Top). Surface course was paved during rain and did not test. Contractor was informed along with Cape Rep. decided to check next day.

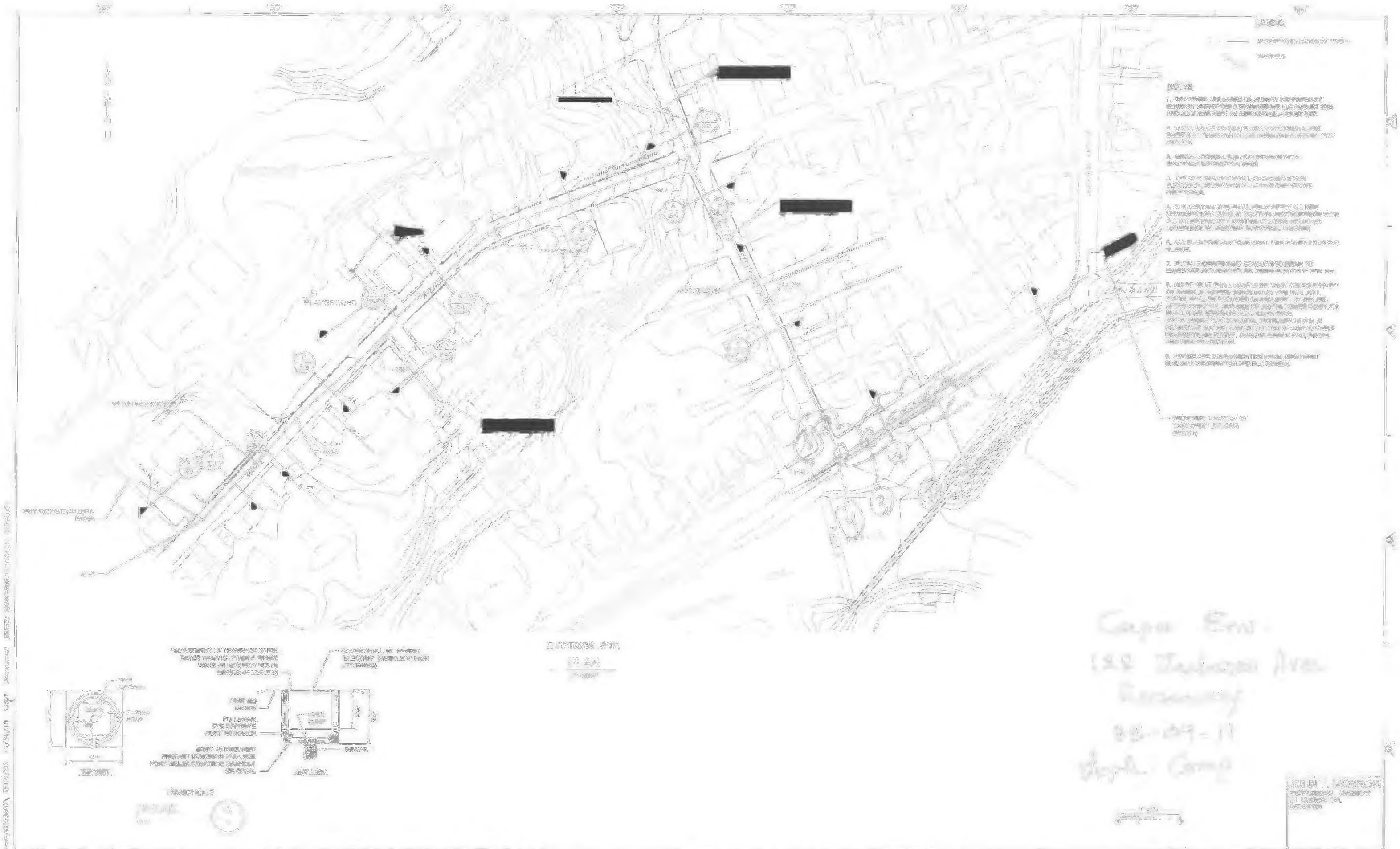
Location/Elevation : See attached sketch.

Specification Requirements : 92% to 98% of the Rice Density.

☒ Complied With : Test # 1 - 5

☐ Not Complied With :

☒ Sliding block covering the source rod was checked before placing the gauge in the storage box.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ASPHALT COMPACTION TEST REPORT

☒ As per ASTM D-2950-91 (Nuclear Density Gauge)

CLIENT :	Cape Environmental Inc. 45 Pine Street, Suite 110 Rockaway, NJ 07866	DATE :	8/10/2011
		FILE NO. :	ANX - 1743
	Attn. Mr. Paul Ferroni	REPORT # :	03
PROJECT :	Rockaway Borough Superfund Site 122 Jackson Avenue Rockaway, NJ	ENGINEER :	Ripen Nagar
		TIME :	7:00 a.m. - 3:30 p.m.

CERTIFICATE OF INSPECTION

As per your request asphalt compaction tests were performed at the above referenced project site on 08/10/2011.

		DENSITY (LB/CU FT)				DENSITY (LB/CU FT)	
TEST NO.	LOCATION/ ELEVATION	FIELD	COMPACTION (%)	TEST NO.	LOCATION/ ELEVATION	FIELD	COMPACTION (%)
2" Surface Course (1-5)				8" Base Course (1-2)			
1	*	148.8	94.7	6	*	149.4	94.8
2	*	149.0	94.8	7	*	149.4	94.8
3	*	148.7	94.6	8	*	150.3	95.8
4	*	148.1	94.2	9	*	151.0	95.4
				10	*	152.8	96.9
TROXLER # 29 DS1: OF 35-4557 DS2: OF MS-1674							

Remarks :

1. A Marshall number of 152.4 lb/ft³ and A of Rice number 158.0 lb/ft³ was provided by the Client. A Rice number of 158.0 lb/ft³ was utilized for test # 1 to 5. (Surface course).

2. A Marshall number of 154.5 lb/ft³ and A of Rice number 159.3 lb/ft³ was provided by the Client. A Rice number of 159.3 lb/ft³ was utilized for test # 6 to 10. (Base course).

   Note: Tests # 1 to 4 were checked on previous day paving of surface course between manhole #1 manhole #2 due to rain.

   Temperature from the trucks were found between 285°F to 350°F for the base course. Thickness of the pavement for base course checked and verified for the entire paved area and found satisfactory.

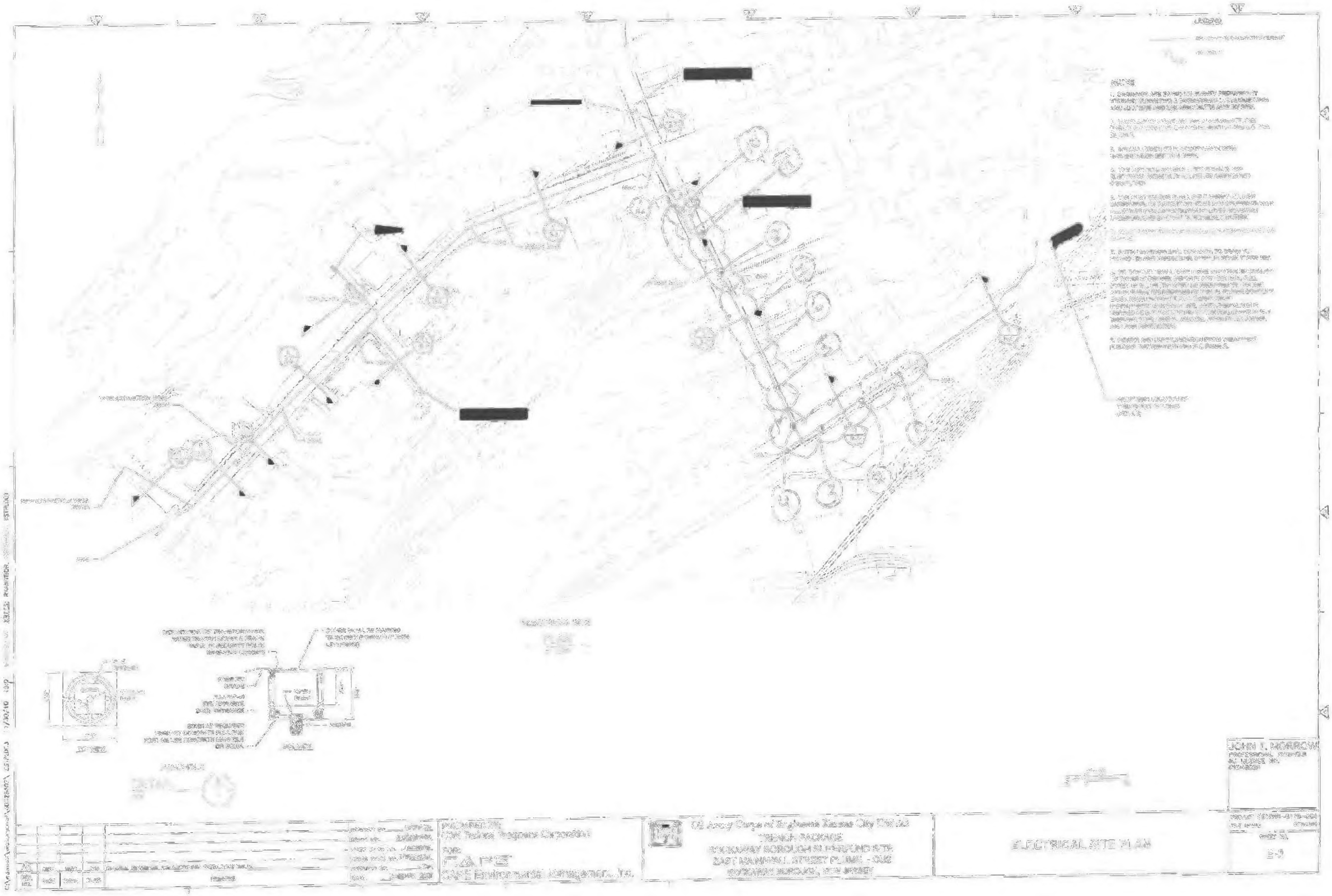
Location/Elevation : See attached sketch.

Specification Requirements : 92% to 98% of the Rice Density

☒ Complied With : Test # 1 - 10

☐ Not Complied With :

☒ Sliding block covering the source rod was checked before placing the gauge in the storage box.


JOHN T. MORROW
US Army Corps of Engineers Kansas City District
TRENCH PACKAGE
ROCKAWAY BOROUGH SUPERFUND SITE
EAST MANNHALL STREET PLUME - OU2
ROCKAWAY BOROUGH, NEW JERSEY
ELECTRICAL SITE PLAN
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ASPHALT COMPACTION TEST REPORT

☒ As per ASTM D-2950-91 (Nuclear Density Gauge)

CLIENT : Cape Environmental Inc.
45 Pine Street, Suite 110
Rockaway, NJ 07866

Attn. Mr. Paul Perroni

DATE : 8/10/2011

FILE NO. : ANX - 1743

REPORT # : 03

PROJECT : Rockaway Borough Superfund Site
122 Jackson Avenue
Rockaway, NJ

ENGINEER : Ripan Nagar

TIME : 7:00 a.m. - 2:00 p.m.

CERTIFICATE OF INSPECTION

As per your request asphalt compaction tests were performed at the above referenced project site on 08/10/2011.

	*1	DENSITY (LB/CU FT)			*1	DENSITY (LB/CU FT)	
TEST NO.	LOCATION/ ELEVATION	FIELD	COMPACTION (%)	TEST NO.	LOCATION/ ELEVATION	FIELD	COMPACTION (%)
2" Surface Course (1-5)				3" Base Course (1-2)			
1	-	[illegible]	[illegible]	6	-	155.8	[illegible]
2	-	[illegible]	[illegible]	7	-	[illegible]	[illegible]
3	-	[illegible]	[illegible]	8	-	160.4	[illegible]
4	-	[illegible]	[illegible]	9	-	[illegible]	[illegible]
				10	-	153.8	[illegible]
				11	-	152.8	[illegible]
TRUCK NO. #28 WT. OF DS-6857 DEP. OF MS-1874							

Remarks :

1. A Marshall number of 152.4 lb/ft³ and A of Rice number 158.3 lb/ft³ was provided by the Client. A Rice number of 158.3 lb/ft³ was utilized for tests # 1 to 5. (Surface course).

2. A Marshall number of 151.5 lb/ft³ and A of Rice number 158.5 lb/ft³ was provided by the Client. A Rice number of 158.5 lb/ft³ was utilized for tests # 6 to 10. (Base course).

   Note: Test # 1 is a were checked on previous day paving of surface course between manhole - 1 manhole 4 due to rain.

   Temperature for the mixes were found between 285°F to 305°F for the base course. Thickness of the pavement for base courses checked and verified for the entire paved area and found satisfactory.

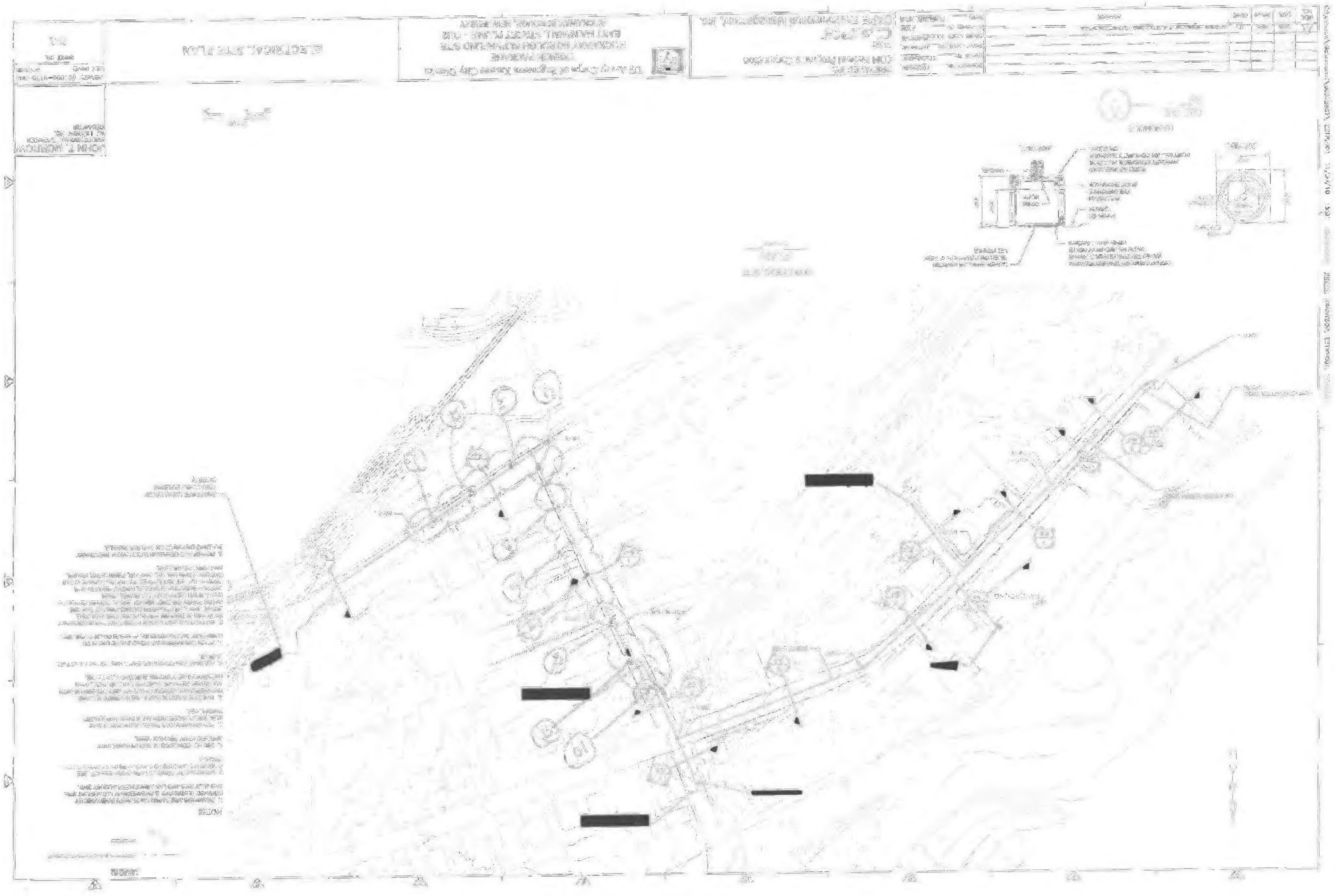
Location/Elevation : See attached sketch.

Specification Requirements : 92% to 98% of the Rice Density.

☒ Complied With : Test # 1 - 10

☐ Not Complied With :

☒ Sliding block covering the source rod was checked before placing the gauge in the storage box.



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ASPHALT COMPACTION TEST REPORT

☒ As per ASTM D-2950-91 (Nuclear Density Gauge)

CLIENT : Cape Environmental Inc.
45 Pine Street, Suite 113
Rockaway, NJ 07866

Attn. Mr. Paul Petroni

PROJECT : Rockaway Borough Superfund Site
122 Jackson Avenue
Rockaway, NJ

DATE : 8/10/2011

FILE NO. : ANX - 1743

REPORT # : 03

ENGINEER : Hiren Nagar

TIME : 7:00 a.m. - 3:30 p.m.

CERTIFICATE OF INSPECTION

As per your request asphalt compaction tests were performed at the above referenced project site on 08/10/2011.

	%	DENSITY (LB/CU FT)			%	DENSITY (LB/CU FT)	
TEST NO.	LOCATION ELEVATION	FIELD	COMPACTION (%)	TEST NO.	LOCATION ELEVATION	FIELD	COMPACTION (%)
2" Surface Course (1-3)				3" Base Course (1-2)			
1	-	149.8	94.7	5	-	148.9	93.4
2	-	149.5	94.5	6	-	148.4	93.0
3	-	148.7	93.9	7	-	152.8	95.8
4	-	149.1	94.2	8	-	151.2	94.8
				9	-	150.9	95.0
				10	-	152.6	95.9
TROXLER # 25 DS1 OF 26 -4657 DS2 OF MS -1874							

Remarks :

1 A Marshall number of 152.4 lb./ft.³ and A of Rice number 155.6 lb./ft.³ was provided by the Client. A Rice number of "93.0 lb./ft.³ was utilized for test # 1 to4. (Surface course).

2 A Marshall number of 154.6 lb./ft.³ and A of Rice number 158.3 lb./ft.³ was provided by the Client. A Rice number of "152.3 lb./ft.³ was utilized for test # 5 to 10. (Base course).

Note: Test # 1 to 4 were checked on previous day paving of surface course between manhole - 1 manhole - 2 due to rain.

Temperature from the trucks were found between 260°F to 330°F for the base course. Thickness of the pavement for base courses checked and verified for the entire paved area and found satisfactory.

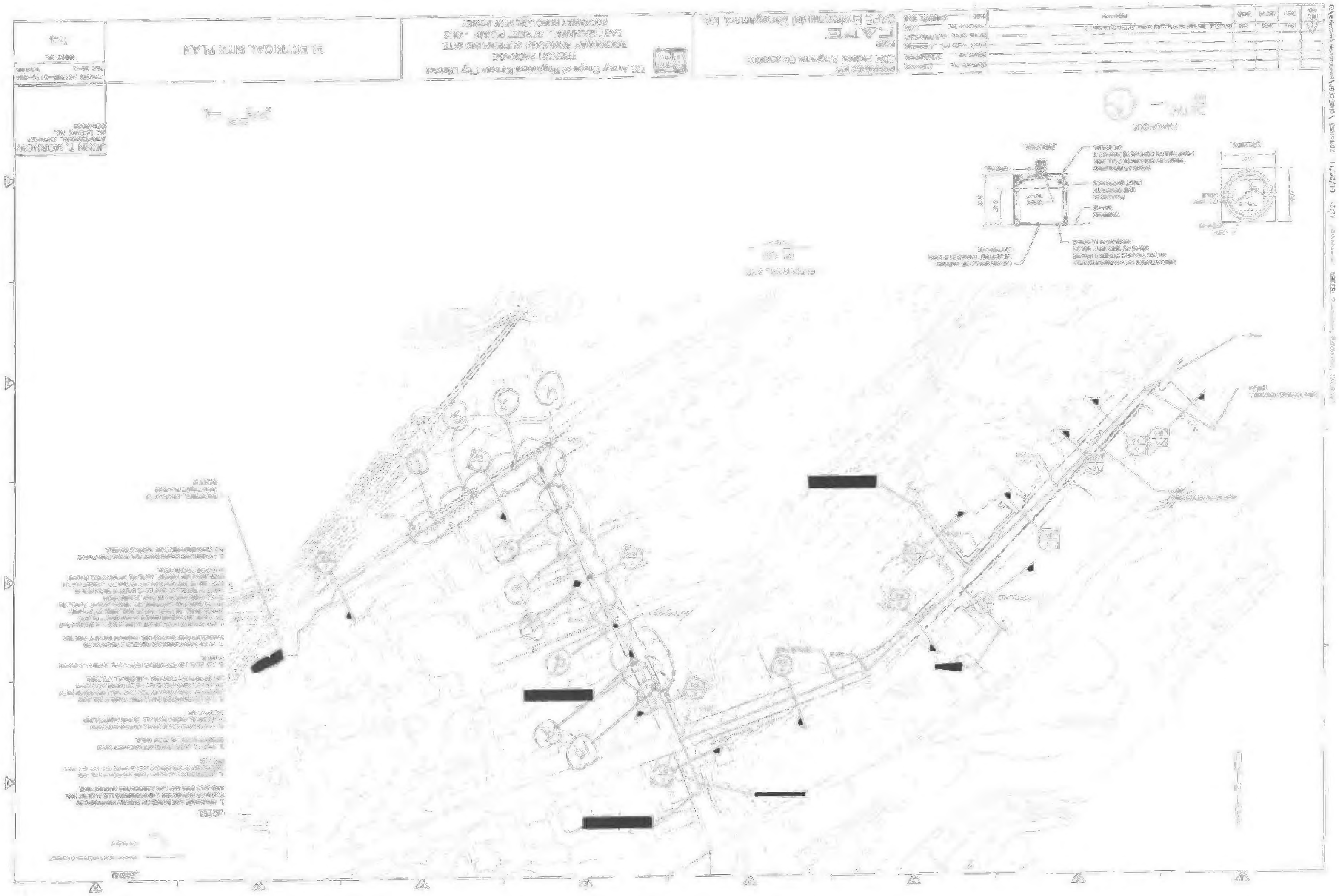
Location/Elevation : See attached sketch.

Specification Requirements : 92% to 98% of the Rice Density

☒ Complied With : Test # 1 - 10

☐ Not Complied With :

☒ Sliding block covering the source rod was checked before placing the gauge in the storage box.



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ASPHALT COMPACTION TEST REPORT

☒ As per ASTM D-2950-91 (Nuclear Density Gauge)

CLIENT : Cape Environmental Inc.
38 Pine Street, Suite 110
Rockaway, NJ 07866

Attn. Mr. Paul Ferroni

PROJECT : Rockaway Borough Superfund Site
122 Jackson Avenue
Rockaway, NJ

DATE : 8/11/2011

FILE NO. : ANX - 1748

REPORT # : 04

ENGINEER : Kishor Bari

TIME : 7:00 a.m. - 3:30 p.m.

CERTIFICATE OF INSPECTION

As per your request asphalt compaction tests were performed at the above referenced project site on 08/11/2011.

	*	DENSITY (LB./CU.FT.)			*	DENSITY (LB./CU.FT.)	
TEST NO.	LOCATION/ ELEVATION	FIELD	COMPACTION (%)	TEST NO.	LOCATION/ ELEVATION	FIELD	COMPACTION (%)
4.3" Base Course (1-2)				4.3" Base Course (1-2)			
1	-	150.4	94.0	3	-	150.2	93.8
2	-	150.8	94.3	4	-	150.4	94.0
				5	-	150.7	94.2
TROXLER # 5A DST OF 05-2455 DST OF VS-732							

Remarks :

1 A Marshall number of "94.0 lb./ft.³" and A of Rice number "94.5 lb./ft.³" was provided by the Client. A Rice number of "93.3 lb./ft.³" was utilized for test # 1 to 5. (Base Course).

Contractor used material 1 - 5. 1st load Temperature - 294°F, 2nd load - 283°F, 3rd Load - 288°F and 4th load temperature 273°F.

Location/Elevation : See attached sketch.

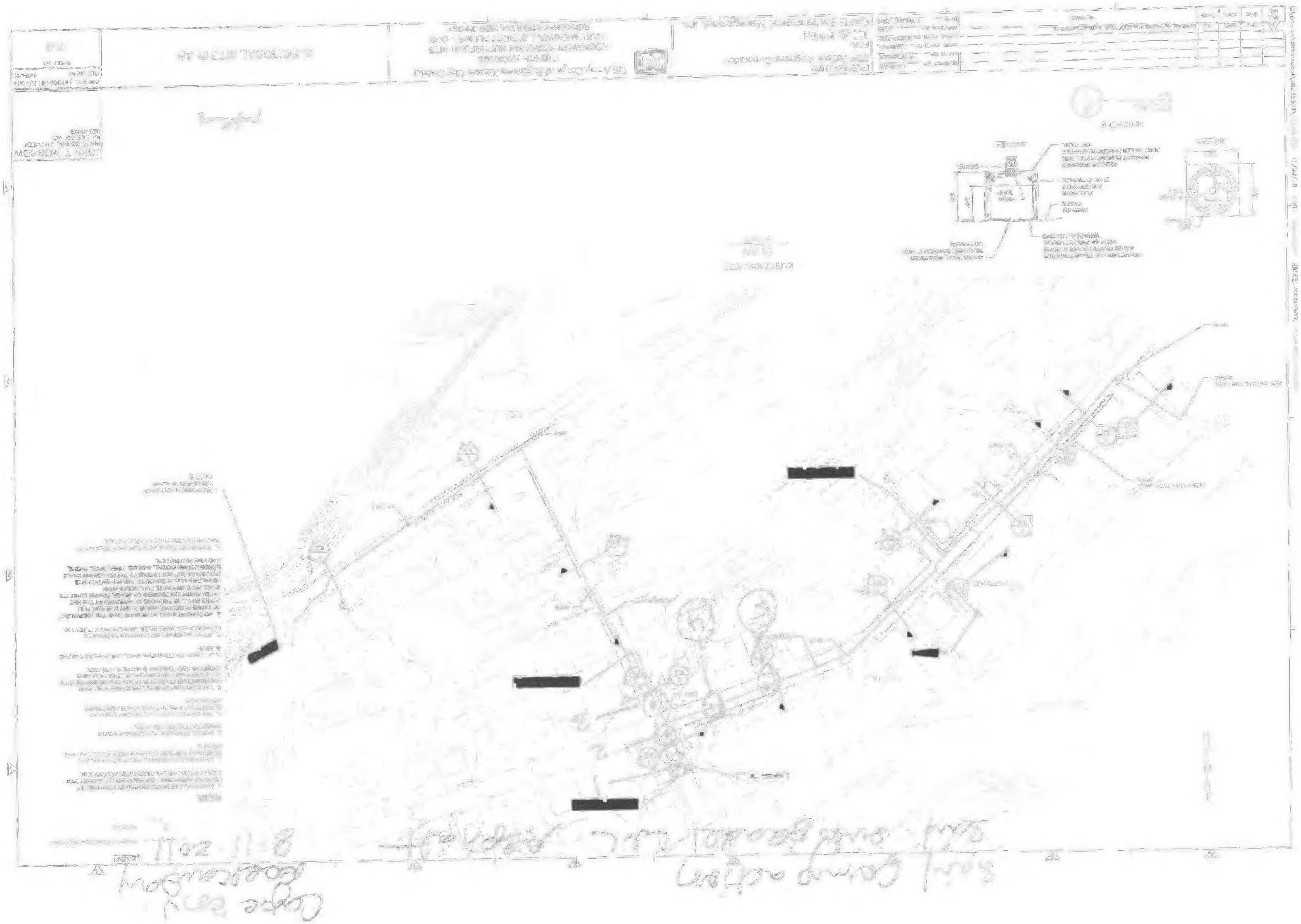
Specification Requirements : 92% to 98% of the Rice Density.

☒ Complied With : Test # 1 - 5

☐ Not Complied With :

☒ Sliding block covering the source rod was checked before placing the gauge in the storage box.

copy to: Lemus (NJ, Tex.)



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ASPHALT COMPACTION TEST REPORT

☒ As per ASTM D-2950-91 (Nuclear Density Gauge)

CLIENT :	Cape Environmental Inc. 48 Pine Street, Suite 110 Rockaway, NJ 07866	DATE :	07/17/2011
		FILE NO. :	ANX - 1743
	Attn. Mr. Paul Ferroni	REPORT # :	04
PROJECT :	Rockaway Borough Superfund Site 122 Jackson Avenue Rockaway, NJ	ENGINEER :	Kishor Soni
		TIME :	7:00 a.m. - 3:30 p.m.

CERTIFICATE OF INSPECTION

As per your request asphalt compaction tests were performed at the above referenced project site on 07/17/2011.

	#	DENSITY (LBS/CU.FT)			#	DENSITY (LBS/CU.FT)	
TEST NO.	LOCATION/ ELEVATION	FIELD	COMPACTION (%)	TEST NO.	LOCATION/ ELEVATION	FIELD	COMPACTION (%)
2" Base Course (1-2)				3" Base Course (1-2)			
1	-	150.4	96.7	3	-	150.4	96.7
2	-	150.2	96.0	4	-	150.4	96.7
				5	-	150.1	96.5
TROXLER # 2A EST OF DS 4463 DEC OF MS -732							

Remarks :

1. A Maximum number of 154.6 lb/ft³ and A of Rice number 159.5 lb/ft³ was provided by the Client. A Rice number of 150.5 lb/ft³ was utilized for test # 1 to 5. (Base course).

Contractor used mater#1 - 2. 1st load Temperature - 284°F, 2nd load - 282°F, 3rd Load - 280°F and 4th load temperature 278°F.

Location/Elevation : See attached sketch.

Specification Requirements : 92% to 98% of the Rice Density.

☒ Complied With : Test # 1 - 5

☐ Not Complied With :

☒ Sliding block covering the source rod was checked before placing the gauge in the storage box.

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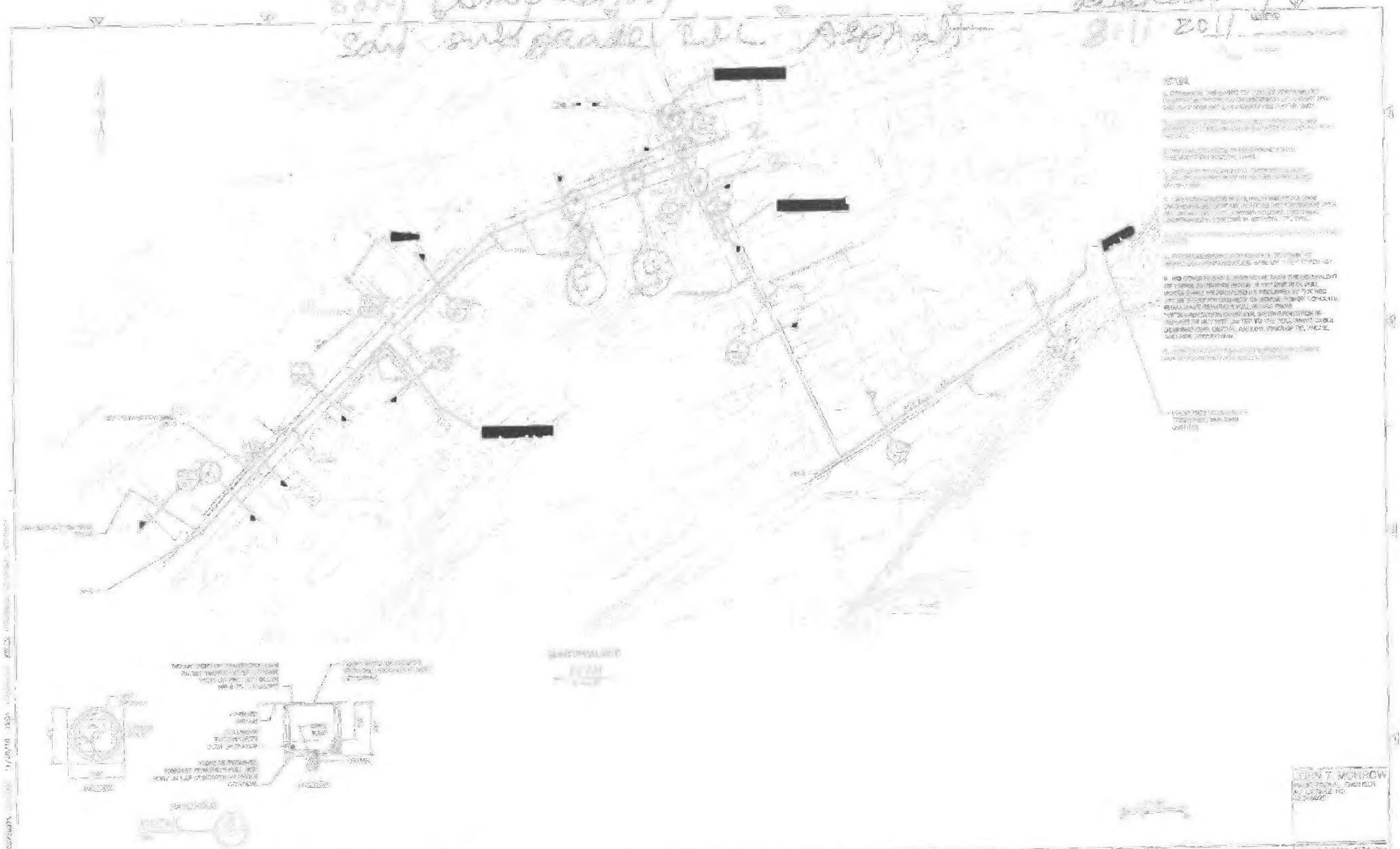
In your partnership analysis

Soil compaction
Salt and pepper asphalt

Cape Girardeau
Boundary
2011



JOHN T. MONROW
PROFESSIONAL ENGINEER
MO LICENSE NO.

PREPARED BY:
Burns & McDonnell Engineering Corporation
FOR:
U.S. ARMY
CORPS OF ENGINEERS, KANSAS CITY, MO

US Army Corps of Engineers Kansas City District
PROJECT TITLE:
FORMERLY USED DEFENSE SITE
FORT LEAVENWORTH, STRIP TRENCH - OU2
LEAVENWORTH COUNTY, KANSAS

ELECTRICAL SITE PLAN

PROJECT DESIGN: 0172-004
FILE NAME:
SHEET NO.
E-1

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ASPHALT COMPACTION TEST REPORT

☒ As per ASTM D-2950-91 (Nuclear Density Gauge)

CLIENT : Cape Environmental Inc.
45 Pine Street, Suite 110
Rockaway, NJ 07866

Attn. Mr. Paul Ferron

DATE : 9/11/2001

FILE NO. : ANX - 1743

REPORT # : 04

PROJECT : Rockaway Borough Superfund Site
122 Jackson Avenue
Rockaway, NJ

ENGINEER : Nishar Sod

TIME : 7:00 a.m. - 3:30 p.m.

CERTIFICATE OF INSPECTION

As per your request asphalt compaction tests were performed at the above referenced project site on 09/11/2001.

	#	DENSITY (LB/CU FT)			#	DENSITY (LB/CU FT)	
TEST NO.	LOCATION/ ELEVATION	FIELD	COMPACTION (%)	TEST NO.	LOCATION/ ELEVATION	FIELD	COMPACTION (%)
± 3" Base Course (1-2)				± 3" Base Course (1-2)			
1	*	150.4	96.7	3	*	150.8	95.4
2	*	150.3	96.6	4	*	150.4	95.2
				5	*	150.0	94.8
TROXLER # 5A DS1 OF DS -7498 DS2 OF MS -732							

Remarks :

1 A Marshall number of 154.6 lb/ft³ and A of Rice number 156.3 lb/ft³ was provided by the Client. A Rice number of 150.5 lb/ft³ was utilized for test # 1 to 5 (Base course).

Contractor used material 1 - 2. 1st bed Temperature - 280°F, 2nd bed - 285°F, 3rd Load - 280°F and the bed temperature 270°F

Location/Elevation : See attached sketch.

Specification Requirements : 92% to 98% of the Rice Density.

☒ Complied With : Test # 1 - 5

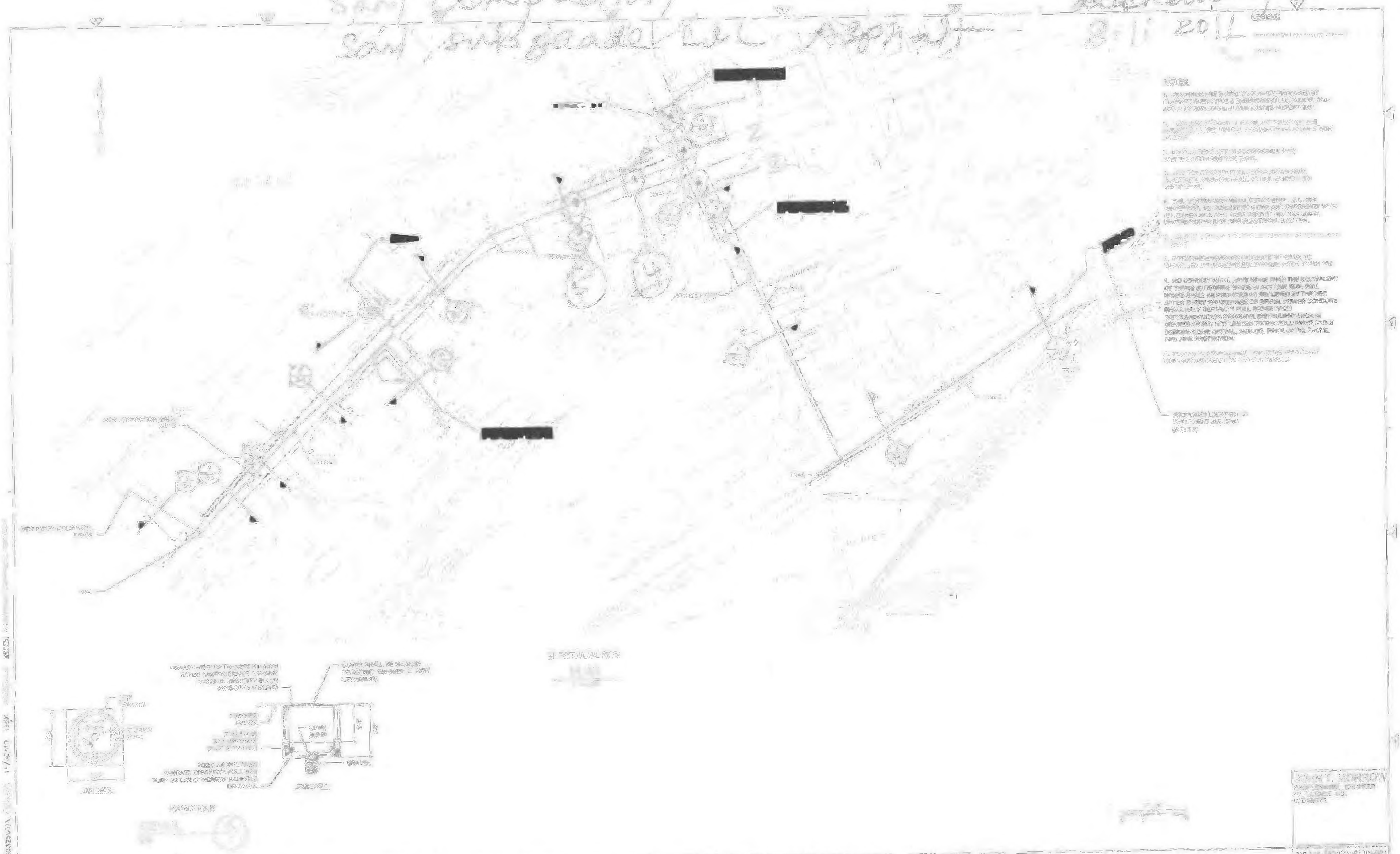
☐ Not Complied With :

☒ Sliding block covering the source rod was checked before placing the gauge in the storage box.

Page 1 of 1 (Form-1)

Soil compaction
soil, subgrade

Cope Boundary
8-11-2011



ELECTRICAL SITE PLAN

E-3

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ASPHALT COMPACTION TEST REPORT

☒ As per AASHTO-2002-91 (Nuclear Density Gauge)

CLIENT : Cape Environmental Inc.
45 Pine Street, Suite 110
Rockaway, NJ 07866

Attn. Mr. Paul Ferreni

PROJECT : Rockaway Borough Superfund Site
132 Jackson Avenue
Rockaway, NJ

DATE : 8/12/2011

FILE NO. : ANX - 1743

REPORT # : 05

ENGINEER : Ripen Nagar

TIME : 7:00 a.m. - 3:00 p.m.

CERTIFICATE OF INSPECTION

As per your request asphalt compaction tests were performed at the above referenced project site on 08/12/2011.

	*1	DENSITY (LB/CU FT)			*	DENSITY (LB/CU FT)	
TEST NO.	LOCATION/ ELEVATION	FIELD	COMPACTION (%)	TEST NO.	LOCATION/ ELEVATION	FIELD	COMPACTION (%)
2" Surface Course				2" Surface Course			
1	*	145.4	93.7	1	*	145.3	94.0
2	*	143.3	94.0	2	*	144.1	93.2
3	*	147.3	95.8	3	*	147.5	95.6
4	*	146.2	94.7	4	*	145.4	94.2
5	*	149.8	95.7	5	*	148.5	94.9
6		142.5	92.3	6	*	144.8	93.1
TROXLER # 25 DS1 OF DS -3806 DS2 OF MS -1869							

Remarks :

1 A Marshall number of 151.1 lb/ft³ and A of Rice number 157.3lb/ft³ was provided by the Client.
A Rice number of 157.3lb/ft³ was utilized for test # 1 to 12. (Surface course).

Rice # was utilized to verify compaction requirements. 2" thick surface course placed over entire area.
Temperature from the truck for HMA was encountered between 286°F to 305°F.

Location/Elevation : Test were taken over 2" thick I-5 surface course over electrical conduits and around well vault. (See attached sketch).

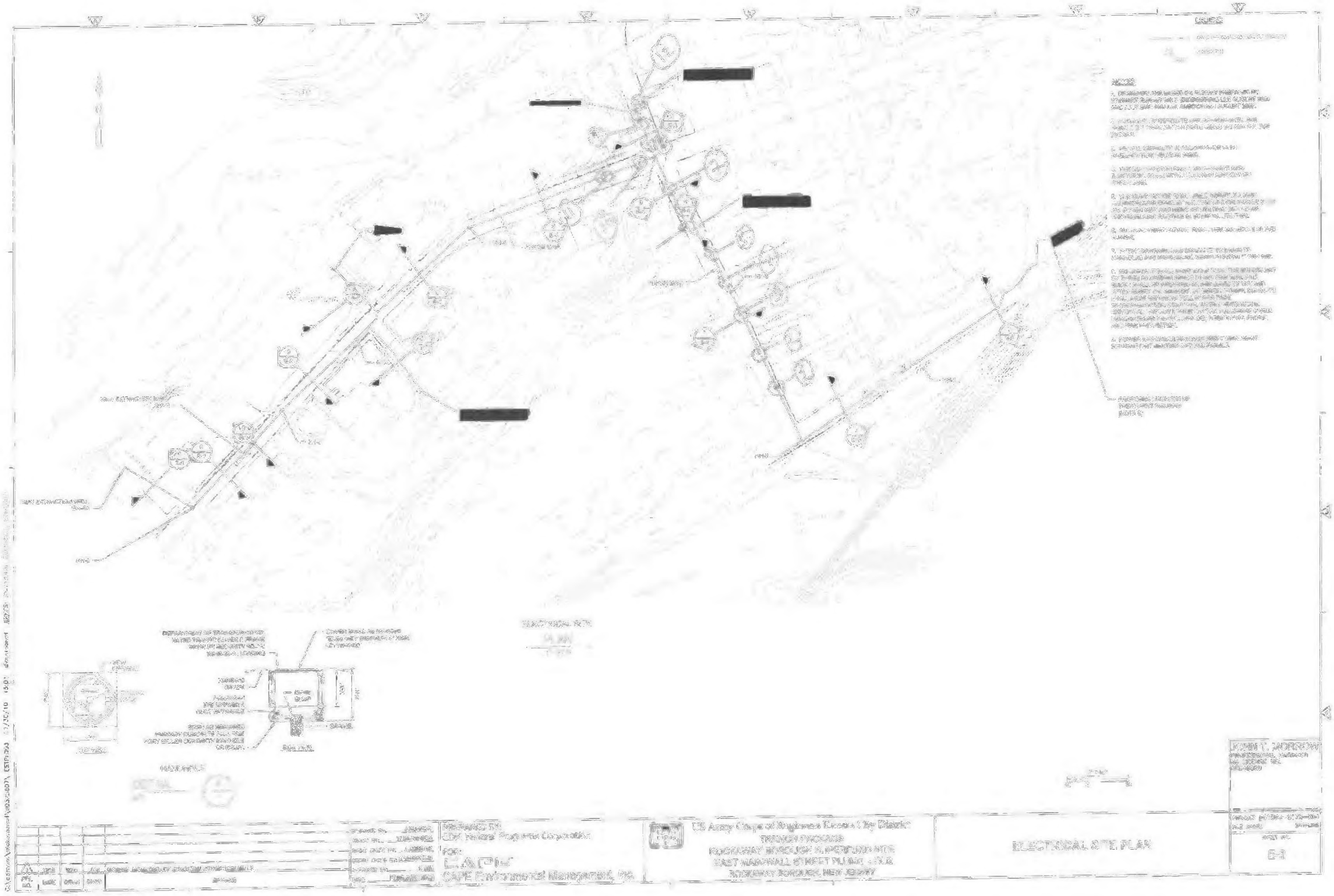
Specification Requirements : 92% to 98% of the Rice Density.

☒ Complied With : Test # 1 - 12

☐ Not Complied With :

☒ Sliding block covering the source rod was checked before placing the gauge in the storage box.

Report Name/Ph-5 File-1


NOTES
ELECTRICAL SITE PLAN
PLAN
MAST ARMS
US Army Corps of Engineers Kansas City District
TRENCH DIVOCARB
ROCKAWAY BOROUGH SUPERFUND SITE
EAST MARSHALL STREET PLUME - OU2
ROCKAWAY BOROUGH, NEW JERSEY
ELECTRICAL SITE PLAN
E-1
PREPARED BY:
CDM Federal Programs Corporation
FOR:
CAPE Environmental Management, Inc.

CONSULTANTS, INC.
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South Plainfield, NJ 07080

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ASPHALT COMPACTION TEST REPORT

☒ As per ASTM D-2950-91 (Nuclear Density Gauge)

CLIENT : Cape Environmental Inc.
48 Pine Street, Suite 110
Rockaway, NJ 07866

Attn. Mr. Paul Ferrari

PROJECT : Rockaway Borough Superfund Site
122 Jackson Avenue
Rockaway, NJ

DATE : 8/12/2011

FILE NO. : ANX - 1743

REPORT # : 06

ENGINEER : Ripon Nagar

TIME : 7:00 a.m. - 3:30 p.m.

CERTIFICATE OF INSPECTION

As per your request asphalt compaction tests were performed at the above referenced project site on 08/12/2011.

	*	DENSITY (LB./CU.FT.)			*	DENSITY (LB./CU.FT.)	
TEST NO.	LOCATION/ ELEVATION	FIELD	COMPACTION (%)	TEST NO.	LOCATION/ ELEVATION	FIELD	COMPACTION (%)
2" Surface Course				2" Surface Course			
1	*	145.4	90.7	7	*	149.4	94.0
2	*	145.8	91.0	8	*	152.1	95.3
3	*	147.8	92.2	9	*	150.3	93.8
4	*	149.5	93.7	10	*	149.4	93.2
5	*	149.8	94.7	11	*	148.4	92.6
6	*	146.8	93.3	12	*	144.8	90.1
TROXLER # 25 DS1 OF DS -6868 DS2 OF MS -1853							

Remarks :

* A Marshall number of 154.1 lb./ft.³ and A of Rice number 157.3lb./ft.³ was provided by the Client.
A Rice number of 157.3lb./ft.³ was utilized for tests 1 to 12. (surface course).

Rice # was utilized to verify compaction requirements. 2" thick surface course placed over entire area.
Temperature from the truck for HMA was encountered between 280°F to 300°F.

Location/Elevation : Test were taken over 2" thick S-9 surface course over electrical conduits and around wall vault. (See attached sketch).

Specification Requirements : 92% to 98% of the Rice Density.

☒ Complied With : Test # 1 – 12

☐ Not Complied With :

☒ Sliding block covering the source rod was checked before placing the gauge in the storage box.

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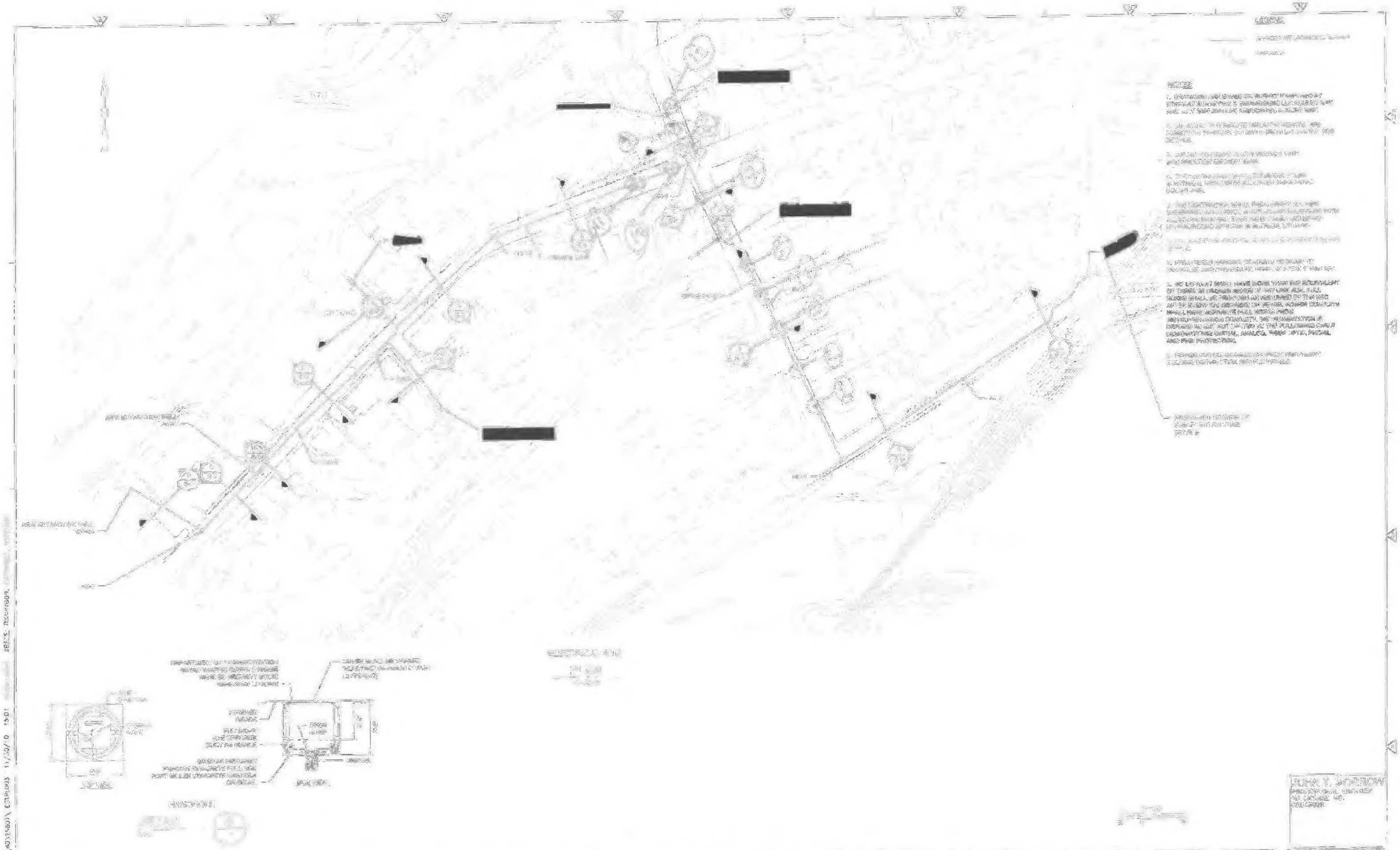

PREPARED BY:
CDM Federal Programs Corporation

FOR:
CAPE
CAPE Environmental Management, Inc.

US Army Corps of Engineers Kansas City District
TRENCH PACKAGE
MONMOUTH BOROUGH & PERTH AMBOY
EAST MARSHALL STREET PLUME - OU2
MONMOUTH BOROUGH, NEW JERSEY

ELECTRICAL SITE PLAN

2-3

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ASPHALT COMPACTION TEST REPORT

☒ As per ASTM D-2950-91 (Nuclear Density Gauge)

CLIENT : Cape Environmental Inc.
46 Pine Street, Suite 110
Rockaway, NJ 07866

Attn. Mr. Paul Perron

PROJECT : Rockaway Borough Superfund Site
122 Jackson Avenue
Rockaway, NJ

DATE : 8/12/2011

FILE NO. : ANX - 1743

REPORT # : 05

ENGINEER : Ripan Nagar

TIME : 7:00 a.m. - 3:00 p.m.

CERTIFICATE OF INSPECTION

As per your request asphalt compaction tests were performed at the above referenced project site on 08/12/2011.

	%	DENSITY (LB./CU.FT)			%	DENSITY (LB./CU.FT)	
TEST NO.	LOCATION/ ELEVATION	FIELD	COMPACTION (%)	TEST NO.	LOCATION/ ELEVATION	FIELD	COMPACTION (%)
2" Surface Course				2" Surface Course			
1	-	147.4	93.7	7	-	148.2	94.2
2	-	147.8	94.0	8	-	146.1	92.9
3	-	147.3	93.6	9	-	147.2	93.6
4	-	147.0	93.4	10	-	144.4	91.8
5	-	149.0	94.7	11	-	148.4	94.3
6	-	146.8	93.3	12	-	144.8	92.1
TROXLER # 29 DS1 OF DS-6085 DS2 OF NS-1853							

Remarks :

1 A Marshall number of 151.1 lb/ft³ and A of Rice number 157.3lb/ft.³ was provided by the Client. A Rice number of 157.9lb/ft.³ was utilized for test # 1 to 12. (Surface course).

Rice # was utilized to verify compaction requirements. 2" thick surface course placed over entire area. Temperature from the truck for HMA was encountered between 286°F to 300°F.

Location/Elevation : Test were taken over 2" thick I-6 surface course over electrical conduits and ground well vault. (See attached sketch).

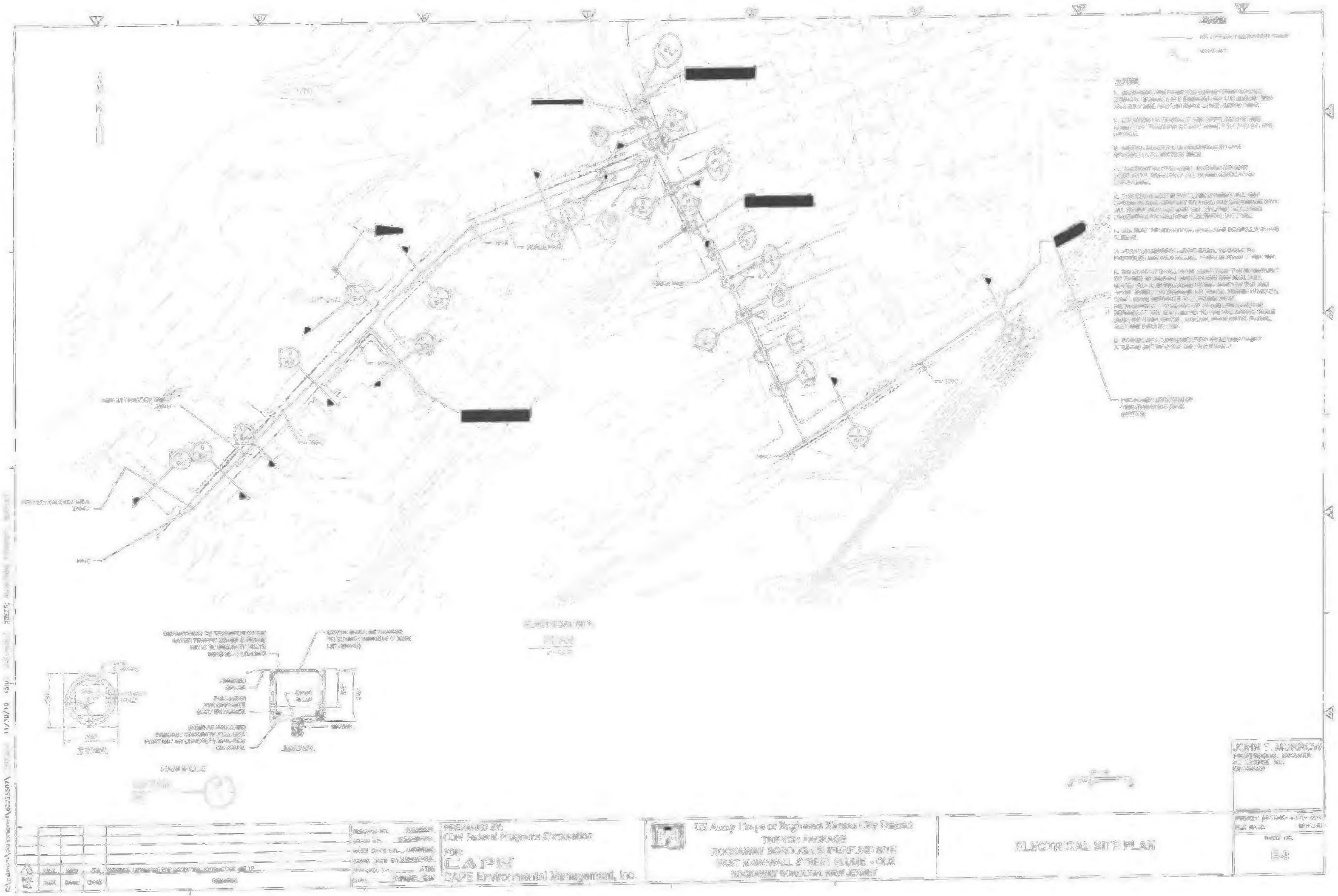
Specification Requirements : 92% to 98% of the Rice Density.

☒ Complied With : Test # 1 - 12

☐ Not Complies With :

☒ Sliding Block covering the source rod was checked before placing the gauge in the storage box.

Copy to client, PFE, File 1


ELECTRICAL SITE PLAN
JOHN T. MORRISON
US Army Corps of Engineers Kansas City District
PREPARED BY:
FOR:
LAPIN
ELECTRICAL SITE PLAN
E-3

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South Plainfield, NJ 07080

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ASPHALT COMPACTION TEST REPORT

☒ As per ASTM D-2950-91 (Nuclear Density Gauge)

CLIENT :	Cape Environmental Inc. 45 Pine Street, Suite 110 Rockaway, NJ 07866	DATE :	08/15/2011
		FILE NO. :	ANX - 1743
	Attn. Mr. Paul Ferroni	REPORT # :	08
PROJECT :	Rockaway Borough Superfund Site 122 Jackson Avenue Rockaway, NJ	ENGINEER :	Ripen Nagar
		TIME :	7:00 a.m. - 10:00 a.m.

CERTIFICATE OF INSPECTION

As per your request asphalt compaction tests were performed at the above referenced project site on 08/15/2011.

	*	DENSITY (LB/CU.FT)			*	DENSITY (LB/CU.FT)	
TEST NO.	LOCATION/ ELEVATION	FIELD	COMPACTION (%)	TEST NO.	LOCATION/ ELEVATION	FIELD	COMPACTION (%)
TROXLER # 0081 OF 03 , 0082 OF 03							

Remarks :

1 Inspector went to the site as scheduled, site was cancelled due to rain. Seven (7) tons of Asphalt base course was placed over exposed area to protect from the rain. Asphalt base course was placed and compacted during rain and did not tested. This is a cancellation report.

Location/Elevation :

Specification Requirements : 92% to 98% of the Rice Density.

☐ Complied With :
☐ Not Complied With :
☒ Sliding block covering the source rod was checked before placing the gauge in the storage box.

Cape Rockaway, Rev1

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ASPHALT COMPACTION TEST REPORT

☒ As per ASTM D 2950-91 (Nuclear Density Gauge)

CLIENT : Cape Environmental Inc.
45 Pine Street, Suite 110
Rockaway, NJ 07866

Attn. Mr. Paul Ferroni

PROJECT : Rockaway Borough Superfund Site
122 Jackson Avenue
Rockaway, NJ

DATE : 8/15/2011

FILE NO. : ANX - 1743

REPORT # : 00

ENGINEER : Hiren Negvi

TIME : 7:00 a.m. - 10:00 a.m.

CERTIFICATE OF INSPECTION

As per your request asphalt compaction tests were performed at the above referenced project site on 08/15/2011.

	*	DENSITY (LB/CU FT)			*	DENSITY (LB/CU FT)	
TEST NO.	LOCATION/ ELEVATION	FIELD	COMPACTION (%)	TEST NO.	LOCATION/ ELEVATION	FIELD	COMPACTION (%)
TROXLER # 0551 OF DS - 0552 OF RS -							

Remarks :

1 Inspector went to the site as scheduled, site was cancelled due to rain. Seven (7) tons of Asphalt base course was placed over exposed area to correct from the rain. Asphalt base course was placed and compacted during rain and did not bond. There is a cancellation report.

Location/Elevation :

Specification Requirements : 92% to 98% of the Rice Density.

☐ Complied With :
☐ Not Complied With :
☒ Sliding block covering the source rod was checked before placing the gauge in the storage box.

Page 1 of 1 Form FR-02, Rev 1

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ASPHALT COMPACTION TEST REPORT

☒ As per ASTM D2950-91 (Nuclear Density Gauge)

CLIENT :	Cape Environmental Inc. 45 First Street, Suite 110 Rockaway, NJ 07866	DATE :	8/15/2011
		FILE NO. :	AAX - 1743
	Attn. Mr. Paul Ferrari	REPORT # :	38
PROJECT :	Rockaway Borough Superfund Site 122 Jackson Avenue Rockaway, NJ	ENGINEER :	Ripan Nagar
		TIME :	7:00 a.m. - 10:00 a.m.

CERTIFICATE OF INSPECTION

As per your request asphalt compaction tests were performed at the above referenced project site on 08/15/2011.

#1		DENSITY (LB/CU.FT.)		#		DENSITY (LB/CU.FT.)	
TEST NO.	LOCATION ELEVATION	FIELD	COMPACTION (%)	TEST NO.	LOCATION ELEVATION	FIELD	COMPACTION (%)
TROXLER #		DST OF 06		DSZ OF 18			

Remarks :

1. Inspector went to the site as schedule, site was cancelled due to rain. Seven (7) tons of Asphalt base course was placed over exposed area to protect from the rain. Asphalt base course was placed and compacted during rain and did not bleed. This is a cancellation report.

Location/Elevation :

Specification Requirements : 92% to 98% of the Rice Density.

☐ Complied With :
☐ Not Complied With :
☒ Sliding block covering the source rod was checked before placing the gauge in the storage box.

Sample Copy Not A Report

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ASPHALT COMPACTION TEST REPORT

☒ As per ASTM D-2950-91 (Nuclear Density Gauge)

CLIENT :	Cape Environmental Inc. 45 Pine Street, Suite 110 Rockaway, NJ 07866	DATE :	06/17/2011
		FILE NO. :	ANX - 1743
	Attn. Mr. Paul Ferrari	REPORT # :	04
PROJECT :	Rockaway Borough Superfund Site 122 Jackson Avenue Rockaway, NJ	ENGINEER :	Rajesh Nagar
		TIME :	7:00 a.m. - 3:30 p.m.

CERTIFICATE OF INSPECTION

As per your request asphalt compaction tests were performed at the above referenced project site on 06/17/2011.

	%	DENSITY (LB./CU.FT)			%	DENSITY (LB./CU.FT)	
TEST NO.	LOCATION/ ELEVATION	FIELD	COMPACTION (%)	TEST NO.	LOCATION/ ELEVATION	FIELD	COMPACTION (%)
3" Base Course (1-2)				9" Base Course (1-2)			
1	-	149.8	95.3	5	-	151.3	94.4
2	-	150.1	95.5	6	-	150.4	93.9
3	-	150.7	94.8	7	-	150.1	93.6
4	-	152.1	95.0	8	-	150.0	94.3
TROXLER # 25 DS1 OF RS -4510 DS2 OF MS -1535							

Remarks :

1. A Marshall number of 150.6 lb./ft.³ and Act Rice number 150.1 lb./ft.³ was provided by the Client. A Rice number of 150.1 lb./ft.³ was used for test # 1 to 8 (base course).

2. 3" thick base course was placed for highlighted area. Asphalt temperature from truck was encountered as 285°F to 310°F.

Location/Elevation : Test were taken over 5' - 9' wide trench. (See attached sketch).

Specification Requirements : 92% to 98% of the Rice Density.

☒ Complied With : Test # 1 - 8

☐ Not Complied With :

☒ Sliding block covering the source rod was checked before placing the gauge in the storage box.

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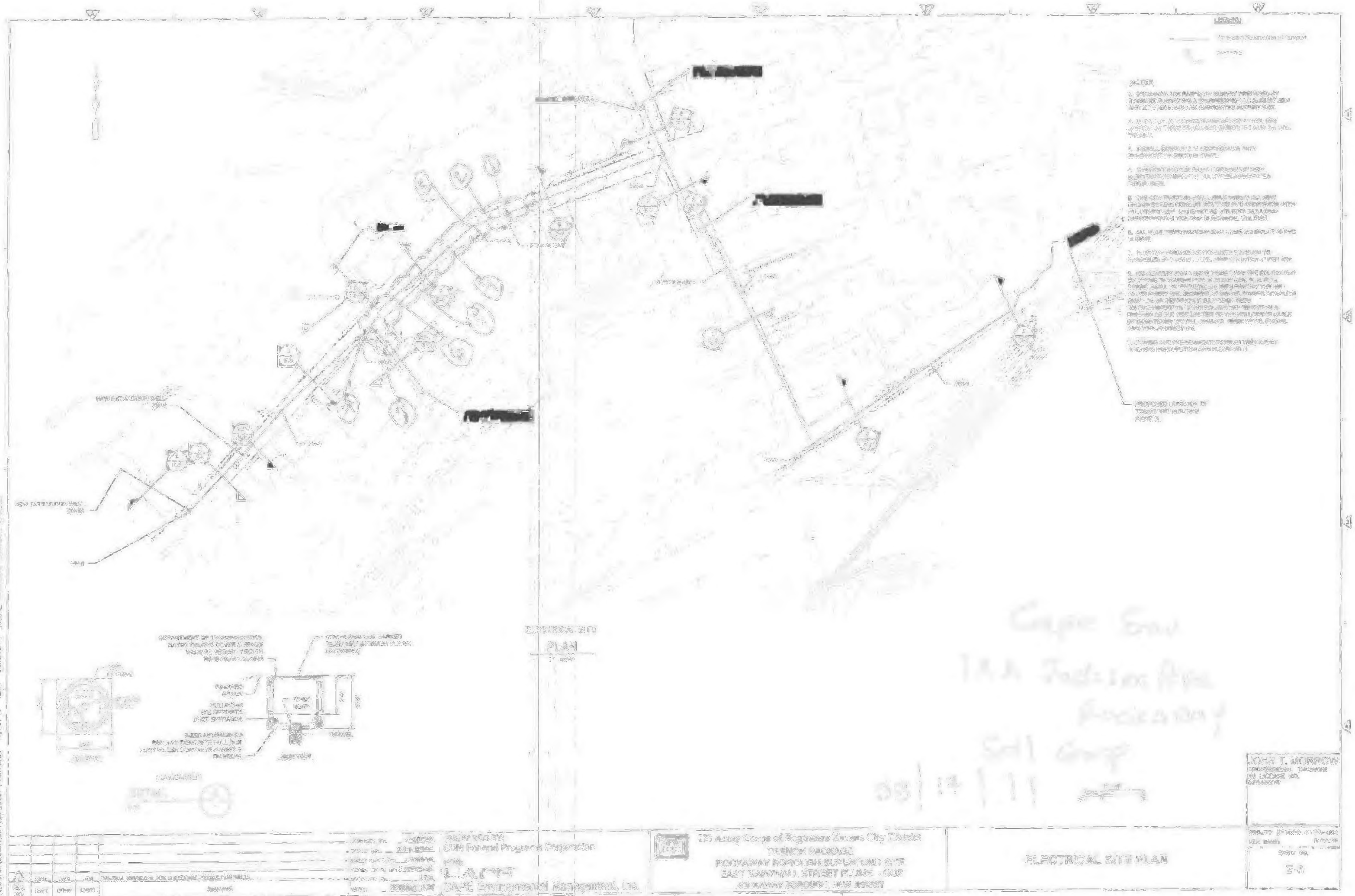
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ASPHALT COMPACTION TEST REPORT

☒ As per ASTM D2950-91 (Nuclear Density Gauge)

CLIENT : Cape Environmental Inc.
45 Pine Street, Suite 110
Rockaway, NJ 07866

Attn. Mr. Paul Ferrari

PROJECT : Rockaway Borough Superfund Site
128 Jackson Avenue
Rockaway, NJ

DATE : 8/17/2011

FILE NO. : ANX - 1743

REPORT # : 6A

ENGINEER : Robert Nagel

TIME : 7:00 a.m. - 3:30 p.m.

CERTIFICATE OF INSPECTION

As per your request asphalt compaction tests were performed at the above referenced project site on 08/17/2011.

	1	DENSITY (LB/CU FT)			1	DENSITY (LB/CU FT)	
TEST NO.	LOCATION/ ELEVATION	FIELD	COMPACTION (%)	TEST NO.	LOCATION/ ELEVATION	FIELD	COMPACTION (%)
3" Base Course (1-2)				3" Base Course (1-2)			
1	-	146.3	93.3	5	-	151.0	97.0
2	-	150.1	95.7	6	-	150.8	96.1
3	-	151.0	96.3	7	-	150.4	95.9
4	-	152.1	96.0	8	-	150.8	96.3
TROXLER # 24 DS1 OF DS -6B6C DS2 OF MS -1630							

Remarks :

1 A Marshall number of "02 3 0-0" and A of Rice number 150 lb/ft.³ was provided by the Client. A Rice number of 150 lb/ft.³ was utilized for tests 1 to 8 (Base course).

2 Thick base course was placed for high traffic area. Asphalt temperature from truck was recorded as 290°F to 310°F.

Location/Elevation : Test were taken over 5' - 6' wide trench. (See attached sketch)

Specification Requirements : 92% to 98% of the Rice Density.

☒ Complied With : Test # 1 - 8

☐ Not Complied With :

☒ Sliding block covering the source rod was checked before placing the gauge in the storage box.

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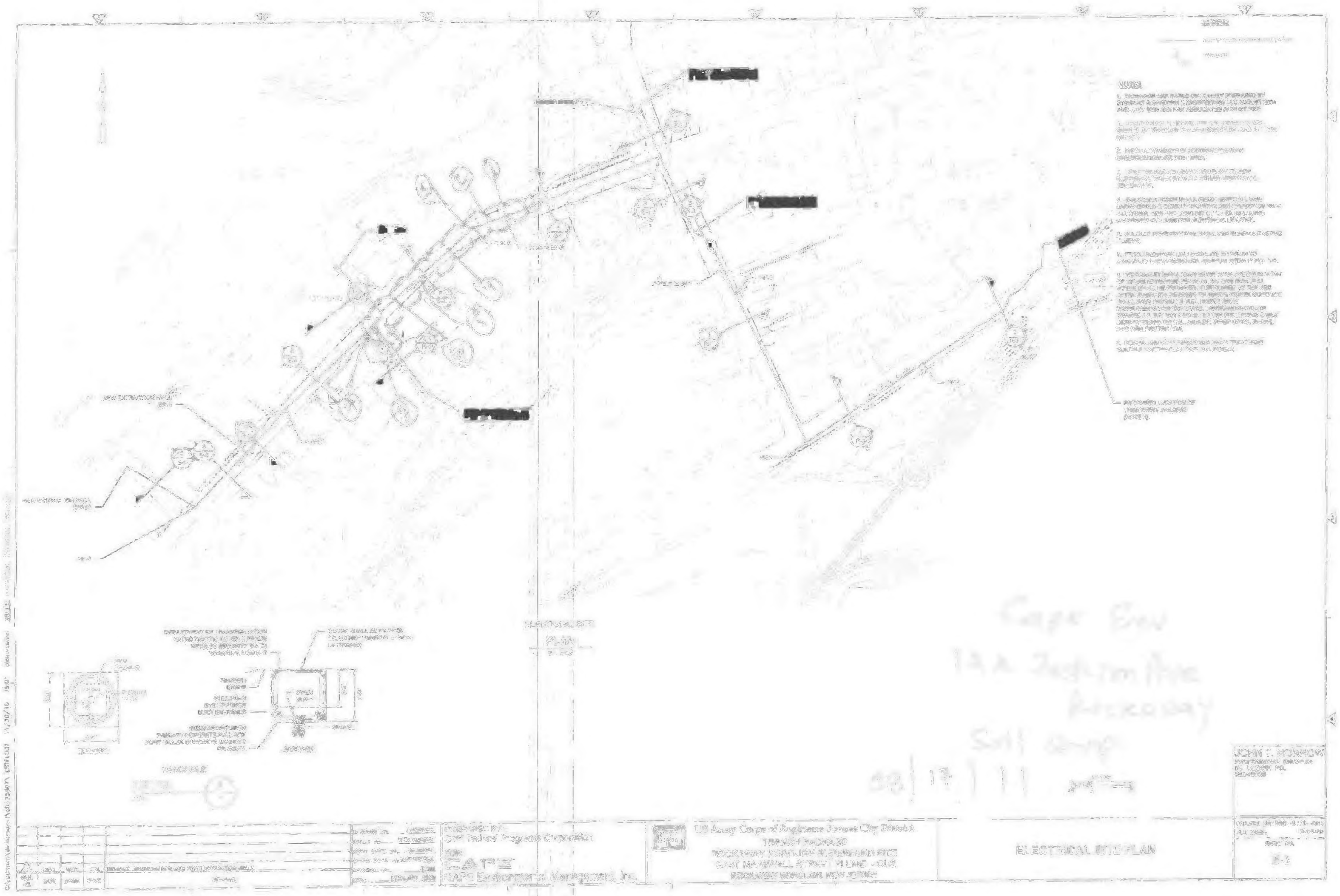
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ASPHALT COMPACTION TEST REPORT

☒ As per ASTM D 2950-91 (Nuclear Density Gauge)

CLIENT : Cape Environmental Inc.
45 Pine Street, Suite 110
Rockaway, NJ 07866

Attr. Mr. Paul Ferrari

PROJECT : Rockaway Borough Superfund Site
122 Jackson Avenue
Rockaway, NJ

DATE : 8/17/2011

FILE NO. : ANS - 1743

REPORT # : 6A

ENGINEER : Rajen Nagar

TIME : 7:00 a.m. - 9:30 a.m.

CERTIFICATE OF INSPECTION

As per your request asphalt compaction tests were performed at the above referenced project site on 08/17/2011.

		DENSITY (LB/CU FT)				DENSITY (LB/CU FT)	
TEST NO.	LOCATION/ ELEVATION	FIELD	COMPACTION (%)	TEST NO.	LOCATION/ ELEVATION	FIELD	COMPACTION (%)
3" Base Course (1-2)				3" Base Course (1-2)			
1	"	150.4	93.4	5	"	151.8	94.3
2	"	150.1	93.2	6	"	150.4	93.4
3	"	151.2	94.0	7	"	150.0	93.1
4	"	152.1	95.0	8	"	150.9	94.3
TROXLER # 25 DS1 OF DS -5830 DS2 OF DS -1830							

Remarks :

1. A Marshall number of "152.8 lb/ft³" and A or Rice number "152.1lb/ft³" was provided by the Client.
   A Rice number of 152.1lb/ft³ was utilized for test # 1 to 8. (Base course).

   3" thick base course was placed for highlighted area. Asphalt temperature from truck was encountered bet. 280°F to 310°F.

Location/Elevation : Test were taken over 5' - 6' wide bench. (See attached sketch).

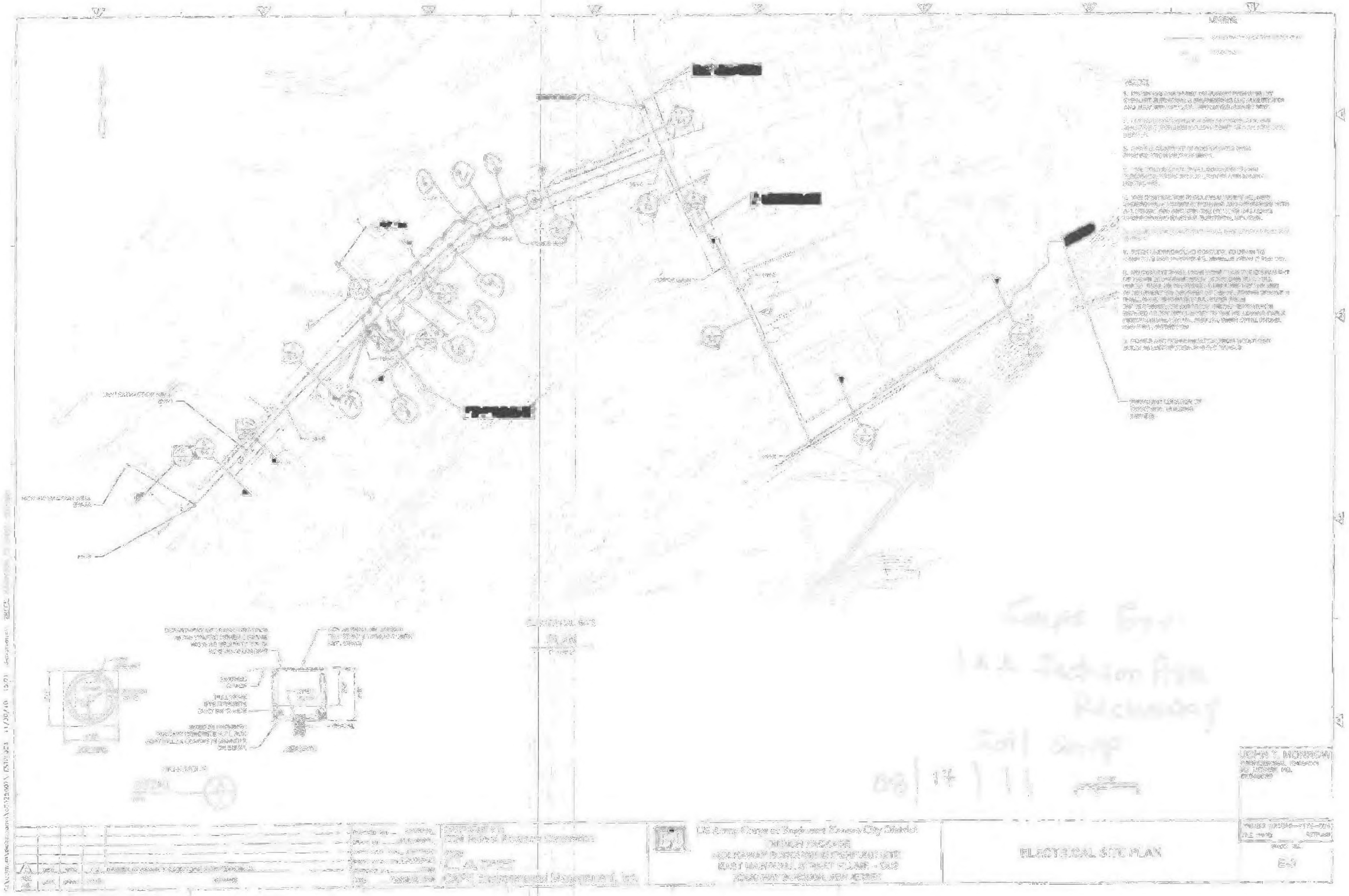
Specification Requirements : 92% to 98% of the Rice Density.

☒ Complied With : Test # 1 - 8

☐ Not Complied With :

☒ Sliding block covering the source rod was checked before placing the gauge in the storage box.

Rajen Nagar, P.E.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ASPHALT COMPACTION TEST REPORT

☒ As per ASTM D-2950-91 (Nuclear Density Gauge)

CLIENT : Gaga Enviromental Inc.
46 Pine Street, Suite 118
Rockaway, NJ 07866

Attn. Mr. Paul Ferroni

PROJECT : Rockaway Borough Superfund Site
122 Jackson Avenue
Rockaway, NJ

DATE : 8/19/2011

FILE NO. : ANS - 1743

REPORT # : 07

ENGINEER : Kishor Soni

TIME : 7:00 a.m. - 2:30 p.m.

CERTIFICATE OF INSPECTION

As per your request asphalt compaction tests were performed at the above referenced project site on 08/18/2011.

	*	DENSITY (LB/CU FT)			*	DENSITY (LB/CU FT)	
TEST NO.	LOCATION ELEVATION	FIELD	COMPACTION (%)	TEST NO.	LOCATION ELEVATION	FIELD	COMPACTION (%)
± 2" Top Course (1-5) Material				±9" Base Course (1-4) Material			
1	-	[illegible]	[illegible]	1A	-	[illegible]	[illegible]
2	-	[illegible]	[illegible]	2A	-	[illegible]	[illegible]
3	-	[illegible]	[illegible]	3A	-	[illegible]	[illegible]
4	-	142.5	[illegible]				
TROXLER # 35 DS1 OF DS-6/65 DS2 OF MS-1830							

Remarks :

1 A Marshall number of 152.2 lb/ft³ and A of Rice number 157 lb/ft³ was provided by the Client. A Rice number of 157 lb/ft³ was utilized for test # 1 to 4. (Top course).

2 A Marshall number of 151.5 lb/ft³ and A of Rice number 157.5lb/ft³ was provided by the Client. A Rice number of 157.5lb/ft³ was utilized for test # 1A to 3A. (Base course).

Temperature 280°F - 1st load - (1-5) material, Temperature 280°F - 2nd load - (1-5) material, Temperature 290°F - 3rd load - (1-5) material, Temperature - 284°F - 1st load - (1-4) material and Temperature - 280°F - 2nd load (1-4) material.

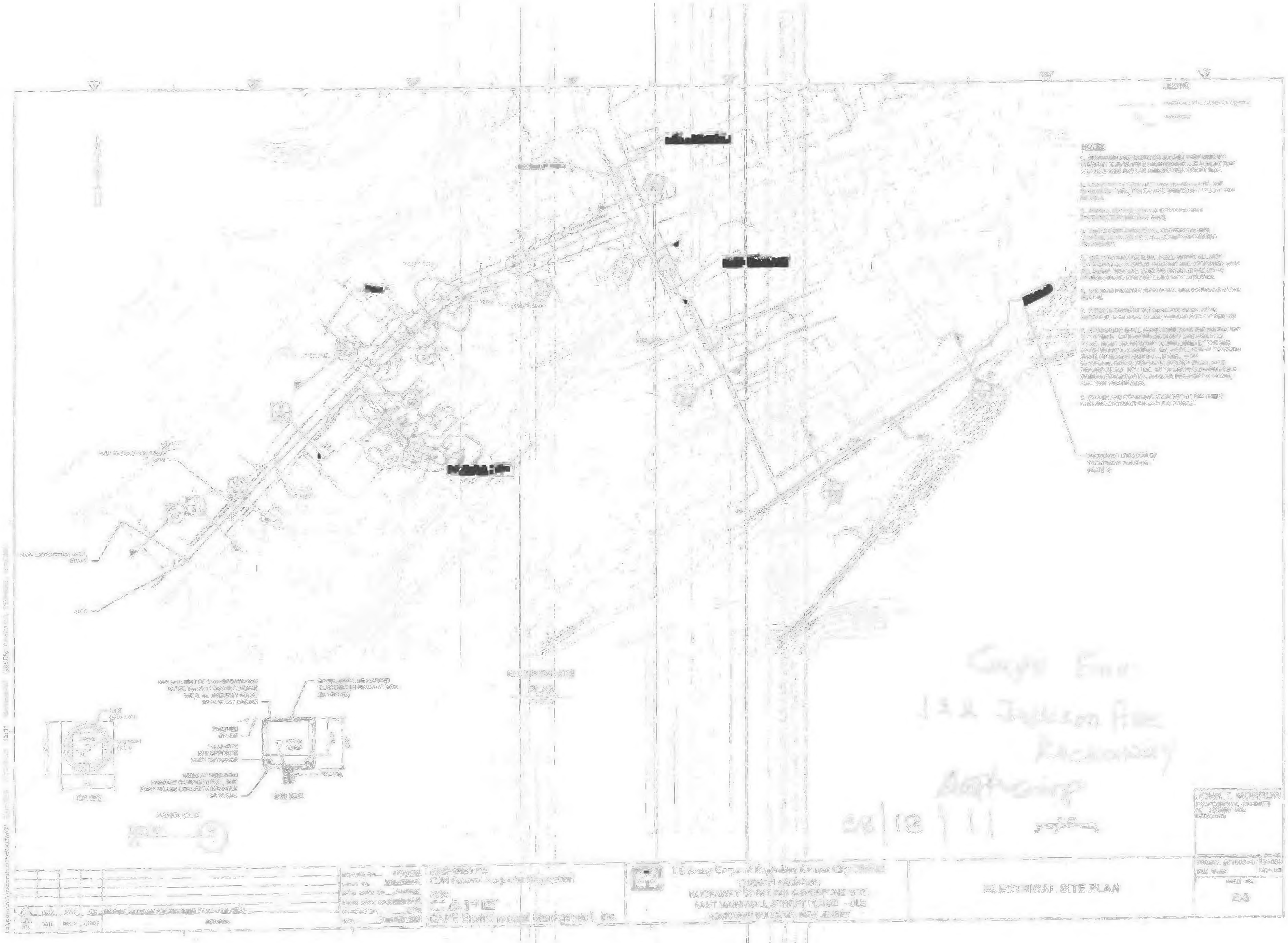
Location/Elevation : See attached sketch

Specification Requirements : 92% to 98% of the Rice Density

☒ Complied With : Test # 1 - 4 and 1A - 3A

☐ Not Complied With :

☒ Sliding block covering the source rod was checked before placing the gauge in the storage box.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ASPHALT COMPACTION TEST REPORT

☒ As per ASTM D2950-91 (Nuclear Density Gauge)

CLIENT : Cape Environmental Inc.
45 Pine Street, Suite 110
Rockaway, NJ 07866

Attn. Mr. Paul Ferrari

DATE : 8/18/2011

FILE NO. : ANX - 1743

REPORT # : 07

PROJECT : Rockaway Borough Superfund Site
122 Jackson Avenue
Rockaway, NJ

ENGINEER : Ramy Sorl

TIME : 7:00 a.m. - 3:30 p.m.

CERTIFICATE OF INSPECTION

As per your request asphalt compaction tests were performed at the above referenced project site on 08/18/2011.

		DENSITY (LB./CU.FT)				DENSITY (LB./CU.FT)	
TEST NO.	LOCATION/ ELEVATION	FIELD	COMPACTION (%)	TEST NO.	LOCATION/ ELEVATION	FIELD	COMPACTION (%)
1-2" Top Course (1-3) Material				2-3" Base Course (1-2) Material			
1	*	145.8	92.9	1A	*	148.9	92.9
2	*	146	93.0	2A	*	149.7	93.0
3	*	146.7	93.4	3A	*	149.4	93.2
4	*	146.3	92.9				
TROXLER # 28 DS1 OF DS-6703 DS2 OF MS-1930							

Remarks :

1 A Marshall number of 152.2 lb./ft.³ and A of Rice number 157.7lb/ft.³ was provided by the Client. A Rice number of 157.7lb/ft.³ was utilized for test # 1 to 4 (Top course).

2 A Marshall number of 152.5 lb./ft.³ and A of Rice number 157.5lb/ft.³ was provided by the Client. A Rice number of 157.5lb/ft.³ was utilized for tests 1A to 3A. (Base course).

Temperature 282°F - 1st load - (1-3) material, Temperature 286°F - 2nd load - (1-3) material, Temperature 282°F - 3rd Load - (1-3) material. Temperature - 284°F - 1st load - (1-2) material and Temperature - 280°F - 2nd load (1-2) material.

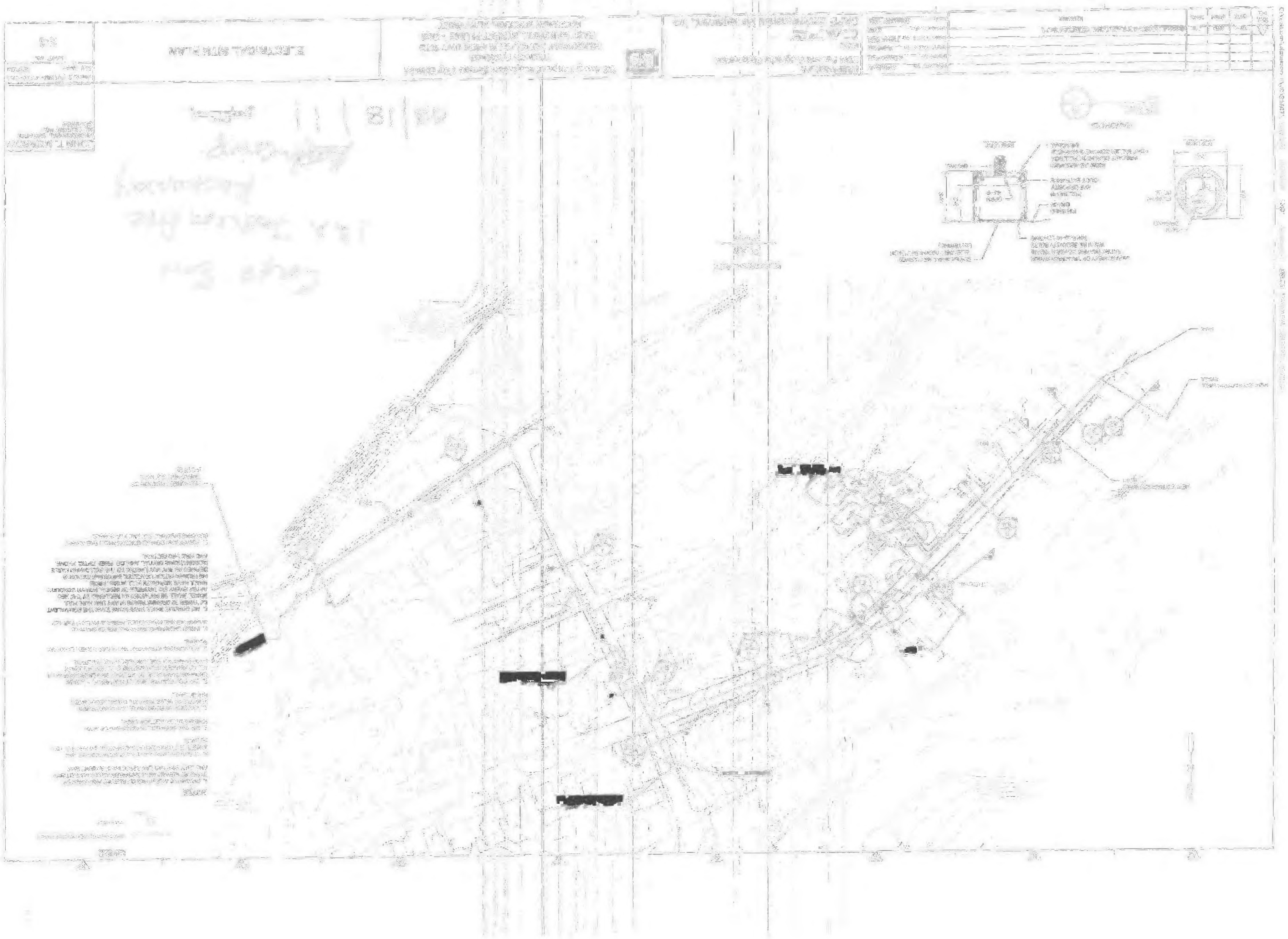
Location/Elevation : See attached sketch.

Specification Requirements : 92% to 98% of the Rice Density

☒ Complied With : Test # 1 - 4 and 1A - 3A.

☐ Not Complied With :

☒ Sliding block covering the source rod was checked before placing the gauge in the storage box.



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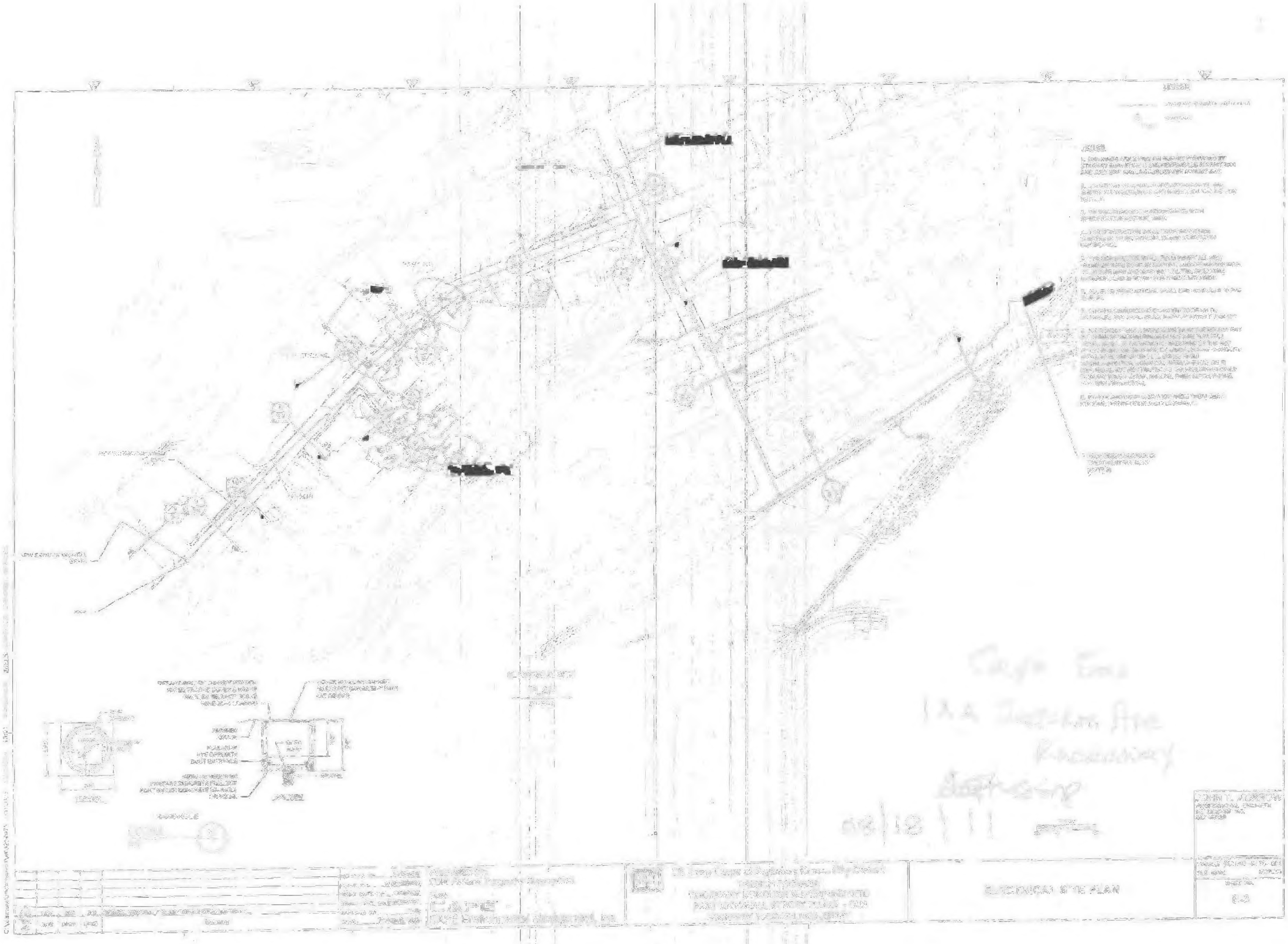
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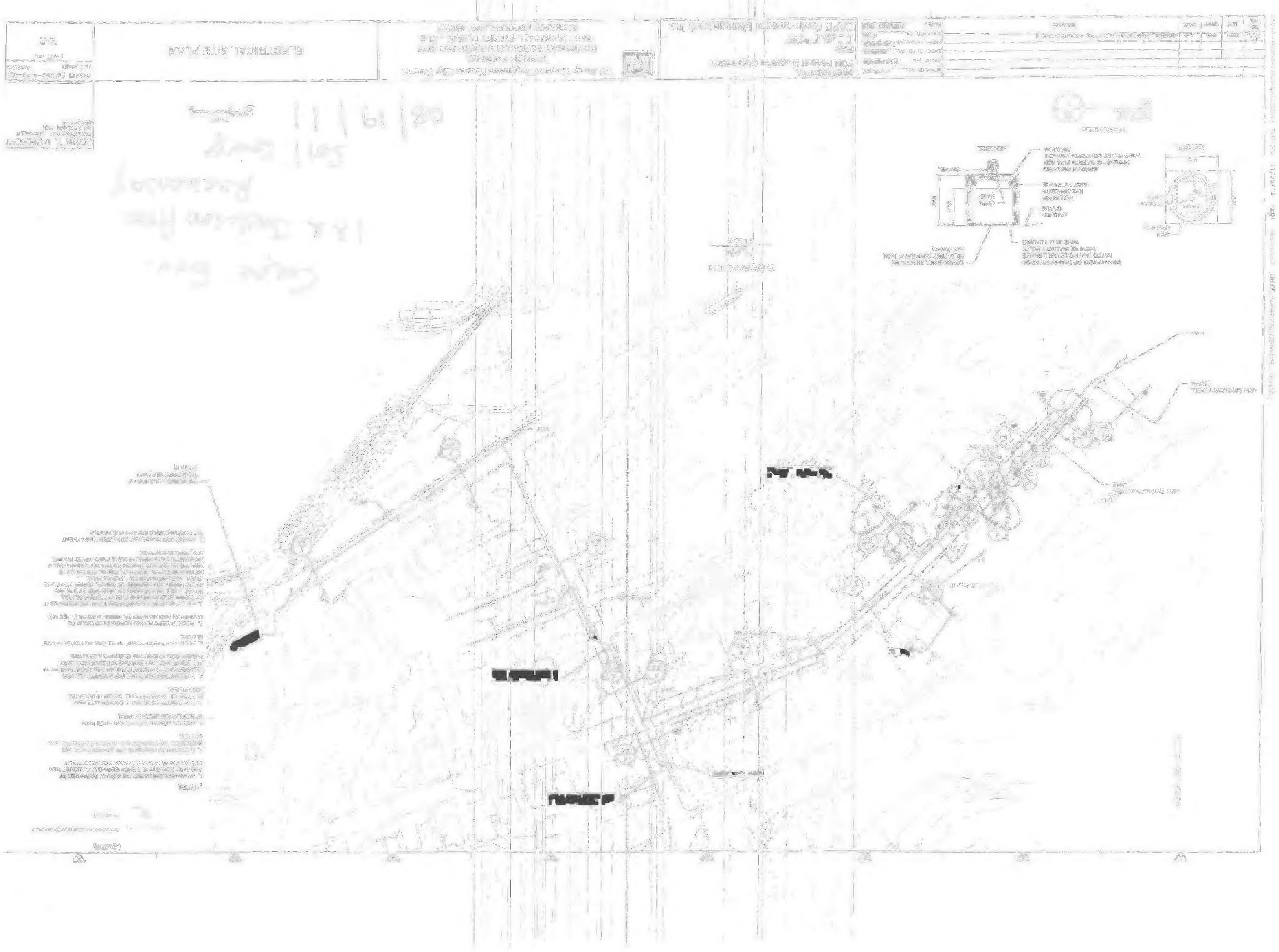

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ASPHALT COMPACTION TEST REPORT

☒ As per ASTM D-2950-91 (Nuclear Density Gauge)

CLIENT :	Cape Environmental Inc. 48 Pine Street, Suite 110 Rockaway, NJ 07866	DATE :	8/18/2011
		FILE NO. :	ANX – 1748
	Attn. Mr. Paul Ferroni	REPORT # :	06
PROJECT :	Rockaway Borough Superfund Site 122 Jackson Avenue Rockaway, NJ	ENGINEER :	Kisher Bori
		TIME :	7:00 a.m. – 3:30 p.m.

CERTIFICATE OF INSPECTION

As per your request asphalt compaction tests were performed at the above referenced project site on 08/18/2011.

	#	DENSITY (LB/CU FT)			#	DENSITY (LB/CU FT)	
TEST NO.	LOCATION ELEVATION	FIELD	COMPACTION (%)	TEST NO.	LOCATION ELEVATION	FIELD	COMPACTION (%)
± 2" Top Course (1-5) Material				±3" Base Course (1-2) Material			
1	-	148.8	94.5	1A	-	148.8	94.5
2	-	148.3	93.1	2A	-	148.5	93.8
3	-	148.8	94.0	3A	-	148.2	94.1
4	-	149.7	95.0				
5	-	149.4	95.5				
6	-	146.9	92.5				
TROXLER # 22 DS1 OF DS-2956 DS2 OF MS-2005							

Remarks :

1 A Marshall number of 162.2 lb/ft³ and A of Rice number 157.7 lb/ft³ was provided by the Client.
A Rice number of 157.7lb/ft³ was utilized for test # 1 to 6. (Top course - 1-5 material).

2 A Marshall number of 154.4 lb/ft³ and A of Rice number 152.1 lb/ft³ was provided by the Client.
A Rice number of 152.1lb/ft³ was utilized for test # 1A to 3A. (Base course 1 – 2 material).

Temperature 295°F - 1st load - (1-5) material, Temperature 295°F - 2nd load - (1-5) material, Temperature 297°F - 3rd Load - (1-5) material and Temperature 290° - 4th Load - (1 - 5) material.
Temperature 295°F - 1st load - (1-2) material, Temperature 292°F - 2nd load - (1-2) material and Temperature 298°F - 3rd load - (1-2) material.

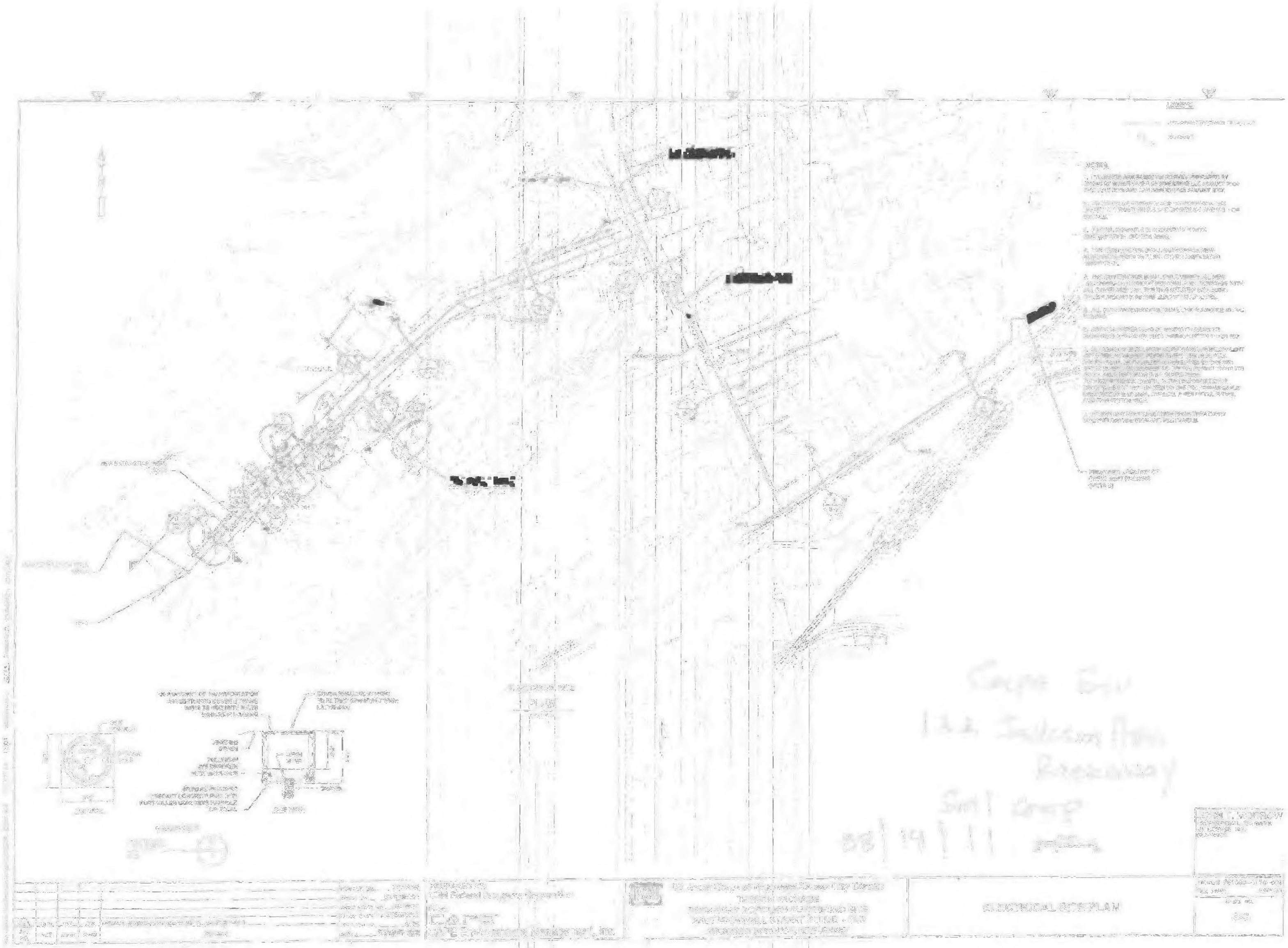
Location/Elevation : See attached sketch.

Specification Requirements : 92% to 98% of the Rice Density.

☒ Complied With : Test # 1 – 6 and 1A – 3A.

☐ Not Complied With :

☒ Sliding block covering the source rod was checked before placing the gauge in the storage box.


ELECTRICAL SITE PLAN

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ASPHALT COMPACTION TEST REPORT

☒ As per ASTM D-2950-91 (Nuclear Density Gauge)

CLIENT : Cape Environmental Inc.
48 Pine Street, Suite 110
Rockaway, NJ 07866

Attn. Mr. Paul Ferroni

PROJECT : Rockaway Borough Superfund Site
122 Jackson Avenue
Rockaway, NJ

DATE : 8/18/2011

FILE NO. : ANX- 1745

REPORT # : 08

ENGINEER : Kishor Soni

TIME : 7:00 a.m. - 3:30 p.m.

CERTIFICATE OF INSPECTION

As per your request asphalt compaction tests were performed at the above referenced project site on 08/18/2011

	**	DENSITY (LB/CU FT)			*	DENSITY (LB/CU FT)	
TEST NO.	LOCATION/ ELEVATION	FIELD	COMPACTION (%)	TEST NO.	LOCATION/ ELEVATION	FIELD	COMPACTION (%)
±1" Top Course (1 - 5) Material				±3" Base Course (1-2) Material			
1	-	145.8	92.1	1A	-	146.3	92.4
2	-	146.8	92.7	2A	-	148.9	94.0
3	-	146.0	92.2	3A	-	148.4	93.7
4	-	146.7	92.6				
5	-	146.4	92.5				
6	-	145.8	92.1				
TROXLER # 22 DS/ OF 3N-6553 DS2 OF VS-2065							

Remarks :

1 A Marshall number of 152.2 lb./ft.³ and A of Rice number 157.7lb./ft.³ was provided by the Client. A Rice number of 157.7lb./ft.³ was utilized for test # 1 to 6. (Top course - 1-5 material).

2 A Marshall number of 154.4 lb./ft.³ and A of Rice number 158.1lb./ft.³ was provided by the Client. A Rice number of 158.1lb./ft.³ was utilized for test # 1A to 3A. (Base course 1 - 2 material).

Temperature 295°F - 1st load - (1-5) material, Temperature 285°F - 2nd load - (1-5) material, Temperature 287°F 3rd load - (1-5) material and Temperature 290° - 4th Load - (1 - 5) material.
Temperature 290°F - 1st load - (1-2) material, Temperature 282°F - 2nd load - (1-2) material and Temperature 285°F - 3rd load - (1-2) material.

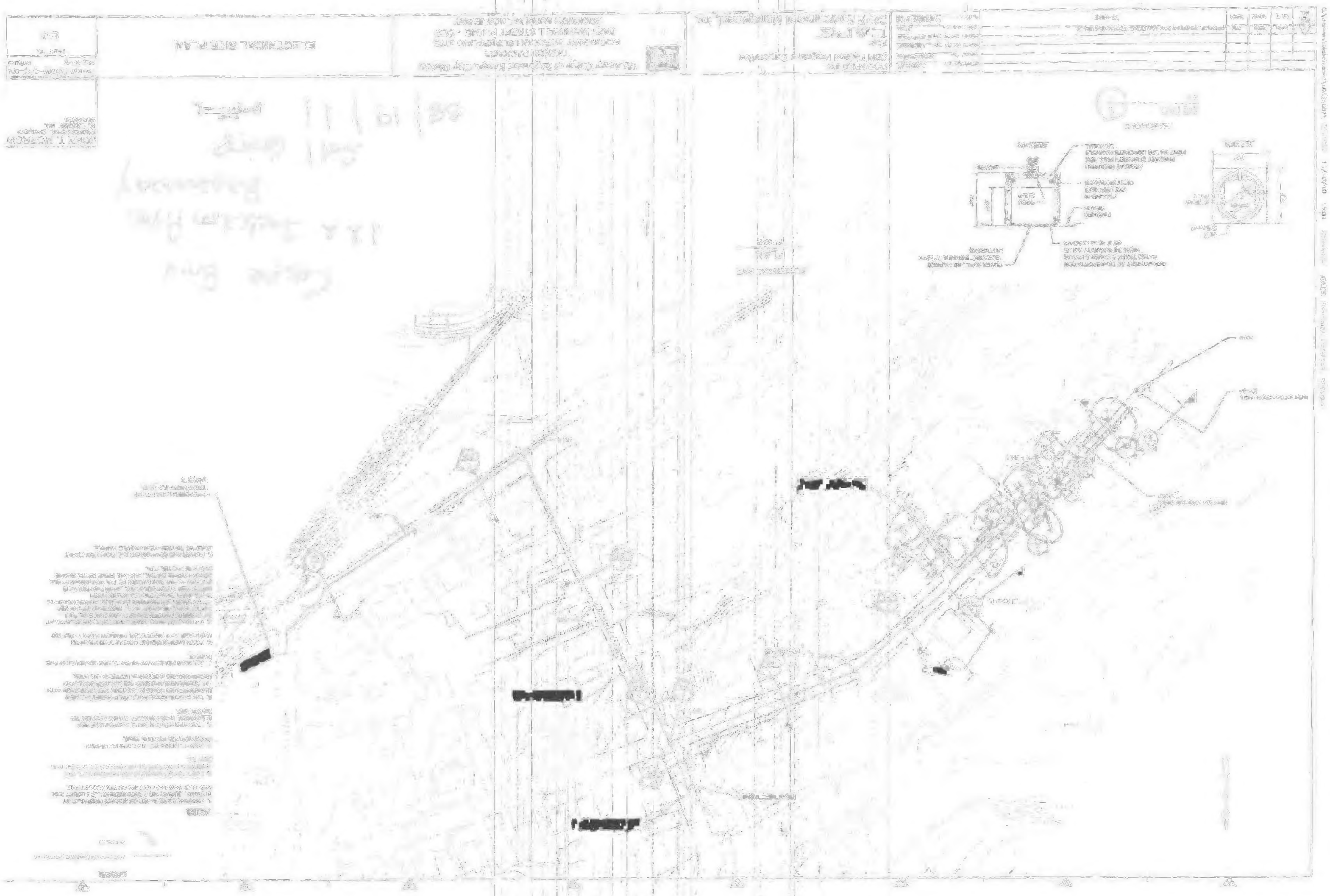
Location/Elevation : See attached sketch.

Specification Requirements : 92% to 98% of the Rice Density.

☒ Complied With : Test # 1 - 6 and 1A - 3A.

☐ Not Complied With :

☒ Sliding block covering the source rod was checked before placing the gauge in the storage box.



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ASPHALT COMPACTION TEST REPORT

☒ As per ASTM D-2950-91 (Nuclear Density Gauge)

CLIENT : Cape Environmental Inc.
45 Pine Street, Suite 110
Rockaway, NJ 07866

Attn. Mr. Paul Ferroni

PROJECT : Rockaway Borough Superfund Site
122 Jackson Avenue
Rockaway, NJ

DATE : 8/22/2011

FILE NO. : ANX - 1743

REPORT # : 08

ENGINEER : Kishor Soni

TIME : 7:00 a.m. - 4:30 p.m.

CERTIFICATE OF INSPECTION

As per your request asphalt compaction tests were performed at the above referenced project site on 08/22/2011

	*	DENSITY (LB./CU. FT)			*	DENSITY (LB./CU. FT)	
TEST NO.	LOCATION/ ELEVATION	FIELD	COMPACTION (%)	TEST NO.	LOCATION/ ELEVATION	FIELD	COMPACTION (%)
±3" Base Course				±2" Top Course			
1	-	150.0	92.2	1	-	150.1	92.7
2	-	150.7	92.6	2	-	150.3	92.5
3	-	150.1	92.3	3	-	149.2	91.7
4	-	150.3	92.5	4	-	150.2	92.3
5	-	149.4	91.8	5	-	150.4	92.4
6	-	149.2	92.3	12	-	149.3	92.3
TROXLER # 32 DS1 OF DS - 2183 DS2 OF WS - 1588							

Remarks :

1. A Marshall number of 152.5 lb./ft.³ and A of Rice number 150.6lb./ft.³ was provided by the Client. A Rice number of 150.6lb./ft.³ was utilized for test # 1 to 6. (Base course - ±3 inches).

2. A Marshall number of 152.0 lb./ft.³ and A of Rice number 150.2lb./ft.³ was provided by the Client. A Rice number of 150.2lb./ft.³ was utilized for test # 7 to 12. (Top course 1 - 2 inches).

Temperature 289°F - 1st load - (1-2) material, Temperature 287°F - 2nd load - (1-2) material, Temperature 284°F 3rd Load - (1-2) material and Temperature 287°F - 4th Load - (1 - 2) material. Temperature 285°F (1-2 material) Temperature 289°F - 1st load - (1-5) material, Temperature 284°F - 2nd load - (1-5) material and Temperature 285°F - 3rd load - (1-5) material. As per Mr. Ciorlia, Inspector do not have to check current mesh.

Location/Elevation : See attached sketch.

Specification Requirements : 92% to 98% of the Rice Density.

☒ Complied With : Test # 1 - 12

☐ Not Complied With :

☒ Sliding block covering the source rod was checked before placing the gauge in the storage box.

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Project: 123 Hickory Ave, Rockaway

Sheet: Cape Cod.

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By: Sapis

Date: 08/22

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ASPHALT COMPACTION TEST REPORT

☒ As per ASTM D-2950-91 (Nuclear Density Gauge)

CLIENT :	Capo Environmental Inc. 48 Pine Street, Suite 110 Rockaway, NJ 07866 Attn. Mr. Paul Ferroni	DATE :	8/23/2011
		FILE NO. :	ANS - 1743
		REPORT # :	10
PROJECT :	Rockaway Borough Superfund Site 122 Jackson Avenue Rockaway, NJ	ENGINEER :	Kishor Soni
		TIME :	7:00 a.m. – 4:30 p.m.

CERTIFICATE OF INSPECTION

As per your request asphalt compaction tests were performed at the above referenced project site on 08/23/2011.

		DENSITY (LB./CU.FT)				DENSITY (LB./CU.FT)	
TEST NO.	LOCATION ELEVATION	FIELD	COMPACTION (%)	TEST NO.	LOCATION ELEVATION	FIELD	COMPACTION (%)
1	±2" @ Bldg. Base	148.2	92.1	7	±2" @ Maple (Base)	149.5	92.9
2	±2" @ Bldg. Top	148.3	92.2	8	±2" @ Maple (Top)	148.1	92.0
±3" @ 115 Jackson Ave. (Base)				±3" @ Entrance of Borough (Base)			
3		148.4	92.3	9		149.4	92.9
±2" @ 115 Jackson Ave. (Top)				±2" @ Entrance of Borough (Top)			
4		148.7	93.1	10		148.7	93.1
±3" @ 109 Jackson Ave. (Base)				11	±2" @ Maple	151.1	94.0
5		148.4	92.3	12	±2" @ Maple	147.8	92.0
±2" @ 109 Jackson Ave. (Top)							
6		147.9	92.0				
TROXLER # 22 DS1 OF DS-7004 DS2 OF MS - 2008							

Remarks :

1. A Marshall number of 154.1 lb./ft.³ and A of Rice number 151.2lb./ft.³ was provided by the Client. A Rice number of 151.2lb./ft.³ was utilized for test # 1, 3, 5, 7 & 9 (Base course - 1-2 material).

2. A Marshall number of 151.1 lb./ft.³ and A of Rice number 157.1lb./ft.³ was provided by the Client. A Rice number of 157.1lb./ft.³ was utilized for test # 2, 4, 6, 8, 10 - 12 (Top course 1 - 6 material).

Temperature 289°F - 1st load - (1-2) Base material, Temperature 290°F - 2nd load - (1-6) Top material and Temperature 280°F - 3rd Load - (7 - 9) Top material.
Inspector was told to need to check asphalt batch as informed by Mr. Oberto client representative.

Location/Elevation : See attached sketch.

Specification Requirements : 92% to 98% of the Rice Density.

☒ Complied With : Test # 1 - 12.

☐ Not Complied With :

☒ Milling block prior to the source roll was checked before placing the gauge in the storage box.

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Project: 123 Dickson Ave, Rockaway

Client: Cape Bryl.

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[illegible]
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(908) [illegible]

Drawn by: [illegible] | Date: [illegible] | Scale: [illegible]

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FILE NO.: ANX-1743 REPORT NO.: 01 DATE: (03/04/21) PAGE NO.: 1 of 1

CLIENT: Dilps Environmental Inc., 49 Pine Street, Suite - 112, Rockaway, NJ 07866 WEATHER: Clear AIR TEMP.: 40°F

PROJECT: 122 Jackson Ave., Rockaway, NJ FINE AGG.: N/A

CONTRACTOR: Aimi Construction COARSE AGG.: N/A

CONCRETE SUPPLIER: Joel Tanis & Sons Inc CEMENT BRAND: N/A

REPORT OF CONCRETE INSPECTION AND TESTING — C-31

CLASS	4000 PSI				PSI				PLANT	FIELD
CUBIC YD.	DESIGN WEIGHT LBS	DRYER WEIGHT LBS			DESIGN WEIGHT LBS	DRYER WEIGHT LBS			PREVIOUS YARDAGE	N/A
CEMENT									YARDAGE	30.00 CU. YDS.
FINE AGG.									INSPECTED	30.00 CU. YDS.
COARSE AGG.									TOTAL TO DATE	30.00 CU. YDS.
COARSE AGG.									START	10:30 AM
WATER GALS.									FINISH	6:00 PM
ADMIX. 02./YDS.									TOTAL HRS.	6.30 Hrs.
ADMIX. 02.									INSP.	S. S. Patel

% PASSING	100	90	80	70	8	4	3/8	1/2	3/4	1	1 1/2	F.M.	% MOIST
FINE AGG.													
COARSE AGG.													
COARSE AGG.													

NO. OF CYLS. & CLASS: Seven (7) cylinders - 4000 PSI AIR CONTENT (%) (C-231): 5.0%

SLUMP (C-143): 5" DENSITY (lbs./ft.³) (C-138): 145 PC CONC. TEMP (°F) (C-1064): 68°F

LOCATION: Concrete was placed for testing for Ground Water Treatment Facilities Building

REMARK: 30 cu. yds. – 3 trucks using Joel O. Cassano Co. Supplier informed the contractor & plant plant supplier Co. different. Contractor & plant advised to use same concrete supplier A, not need test & only 160 yds. one test cylinder

CYL NO.	LAB. ID NO.	TYPE OF FRACTURE	TESTED AT	TOTAL LOAD	PSI*	CYL NO.	LAB. ID NO.	TYPE OF FRACTURE	TESTED AT	TOTAL LOAD	PSI*
1.	ANX-1743-01	Shear	7 days	48,740	3,250	7.	ANX-1743-07	Shear	3 days	44,250	2,950
2.	ANX-1743-02	Cone & Shear	7 days	38,400	4,810						
3.	ANX-1743-03		14 days								
4.	ANX-1743-04		14 days								
5.	ANX-1743-05		28 days								
6.	ANX-1743-06		28 days								

SPECIMEN (4" x 8") CYL. AREA: 12.56 SQ. IN. Test performed as per A.S.T.M. specifications ** C-39

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FILE NO. : ANX-1743 REPORT NO. : 01 DATE : 08/04/2011 PAGE NO. : 1 of 1

CLIENT : Capel Environmental Inc., 48 Pine Street, Suite 410, Rockaway, NJ 07866 WEATHER : Clear AIR TEMP. : 70°F

PROJECT : 122 Jackson Ave., Rockaway, NJ FINE AGG. : N/A

CONTRACTOR : ATIE Construction COARSE AGG. : N/A

CONCRETE SUPPLIER : Joel Tanis & Sons Inc CEMENT BRAND : N/A

REPORT OF CONCRETE INSPECTION AND TESTING — C-31

CLASS	4000	PSI		PSI	PLANT	FIELD
BATCH NO.	BATCH WEIGHT LBS	BATCH WEIGHT LBS	BATCH WEIGHT LBS	BATCH WEIGHT LBS	PREVIOUS YARDAGE	N/A
CEMENT					YARDAGE	30.00 Cu. yds.
FINE AGG.					INSPECTED	30.00 Cu. yds.
COARSE AGG.					TOTAL TO DATE	30.00 Cu. yds.
COARSE AGG.					START	10:30 AM
WATER/GALS.					FINISH	5:00 PM
ADMIX. OF AEA					TOTAL HRS.	6:30 Hrs.
ADMIX. OF					INSP	B. S. Patel

% PASSING	100	50	30	16	8	4	3/8	½	3/4	1	1½	F.M.	% MOIST
FINE AGG.													
COARSE AGG.													
COARSE AGG.													

NO. OF CYL. & CLASS Seven (7) cylinders – 4000 PSI AIR CONTENT (%) (C-231) 5.0%

SLUMP (C-143) 5" DENSITY (PCF) (C-138) TARE CONC. TEMP (°F) (C-1064) 68°F

LOCATION: Concrete was placed for footing for Ground Water Treatment Facilities building

REMARK: 28 cu. yds. x 2 trucks mixed Service Concrete Inc. Supplier informed the contractor & client about supplier Co. different. Contractor & client advised to use same concrete supplier & not need test & only 150 yds. one test require.

CYL. NO.	LAB. ID NO	TYPE OF FRACTURE	TESTED AT	TOTAL LOAD	PSI	CYL. NO.	LAB. ID NO.	TYPE OF FRACTURE	TESTED AT	TOTAL LOAD	PSI
1.	ANX-1743-01	Shear	7 days	46,740	2,968	5.	ANX-1743-07	Shear	7 days	44,220	2,920
2.	ANX-1743-02	Cone & Shear	7 days	60,420	4,870						
3.	ANX-1743-03		14 days								
4.	ANX-1743-04		14 days								
5.	ANX-1743-05		28 days								
6.	ANX-1743-06		28 days								

SPECIMEN (6" x 12") – AREA 12.56 SQ. IN. Test performed as per A.S.T.M. specifications C-39

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FILE NO. : ANX-1743 REPORT NO. : 01 DATE : 03/04/2015 PAGE NO. : 1 of 1

CLIENT : Dase Environmental Inc., 45 Pine Street, Suite - 719, Rockaway, NJ 07866 WEATHER : Clear AIR TEMP. : 48°F

PROJECT : 127, Jackson Ave., Rockaway, NJ FINE AGG. : N/A

CONTRACTOR : Alini Construction COARSE AGG. : N/A

CONCRETE SUPPLIER : Joel Tarsa & Sons Inc CEMENT BRAND : N/A

REPORT OF CONCRETE INSPECTION AND TESTING — C-31

CLASS	4000	PSI		PSI	PLANT	FIELD
CUBIC YD.	DESIGN WEIGHT LBS	ACTUAL WEIGHT LBS	DESIGN WEIGHT LBS	ACTUAL WEIGHT LBS	PREVIOUS YARDAGE	N/A
CEMENT					VARIANCE	36.00 Cu. yds.
FINE AGG.					INVOICED	36.00 Cu. yds.
COARSE AGG.					TOTAL TO DATE	36.00 Cu. yds.
COARSE AGG.					START	10 : 30 AM
WATER GALS.					FINISH	5 : 00 PM
ADMIX. OZ./LBS.					TOTAL HRS.	6 : 30 Hrs.
ADMIX. OZ.					INSP.	D. S. Patel

% PASSING	100	60	30	16	8	4	3/8	16	30	1	1/2	F.M.	% MOIST
FINE AGG.													
COARSE AGG.													
COARSE AGG.													

NO. OF CYLS. & CLASS Seven (7) cylinders - 4000 PSI AIR CONTENT (%) (C-231) 6.0%

SLUMP (C-143) 3" DENSITY (Wet) lb. (C-138) 148 lb. CONC. TEMP (°F) (C-209) 56°F

LOCATION Concrete was placed for testing for Ground Water Treatment Facilities Building.

REMARK 28 cu. yds. - 2 trucks added having Concrete Co. Supplier informed the customer & client about supplier Co. different Contractor & client advised to use same concrete supplier & not need test & only 150 yds. one test require.

CYL. NO.	LAB. ID NO.	TYPE OF FRACTURE	TESTED AT	TOTAL LOAD	PSI	CYL. NO.	LAB. ID NO.	TYPE OF FRACTURE	TESTED AT	TOTAL LOAD	PSI
1.	ANX-1743-01	Shear	7 days	48,740	3,980	2.	ANX-1743-07	Shear	7 days	54,720	4,540
3.	ANX-1743-02	Cone & Shear	7 days	60,490	4,935						
3.	ANX-1743-03		14 days								
4.	ANX-1743-04		28 days								
5.	ANX-1743-05		28 days								
6.	ANX-1743-06		28 days								

SPECIMEN: 6" x 12" CYLINDER (0.05 cu. ft.) Test performed under A.S.T.M. specifications T-22-M

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FILE NO. : ANX-1743 REPORT NO. : 01 DATE : 08/04/2011 PAGE NO. : 01 of 1

CLIENT : Cape Environmental Inc., 43 Pine Street, Suite - 110, Rockaway, NJ 07866 WEATHER : Clear AIR TEMP. : 68°F

PROJECT : 100 Jackson Ave., Rockaway, NJ FINE AGG. : N/A

CONTRACTOR : ANSI Construction COARSE AGG. : N/A

CONCRETE SUPPLIER : Joel Tanis & Sons Inc CEMENT BRAND : N/A

REPORT OF CONCRETE INSPECTION AND TESTING — C-31

CLASS	4000	PSI		PSI	PLANT	FIELD
CONCRETE	DENSITY WEIGHT LBS	DATE WEIGHT LBS	DENSITY WEIGHT LBS	DATE WEIGHT LBS	PREVIOUS YARDAGE	N/A
CEMENT					YARDAGE	30.00 Cu. yds.
FINE AGG.					INSPECTED	30.00 Cu. yds.
COARSE AGG.					TOTAL TO DATE	30.00 Cu. yds.
COARSE AGG.					START	10 : 30 AM
WATER GALS.					FINISH	3 : 00 PM
ADMIX. OZ./CSR					TOTAL HRS.	6 : 30 Hrs.
ADMIX. OZ.					NSP	B. S. Patel

% PASSING	100	90	80	10	5	4	3/8	1/2	3/4	1	1½	F.M.	% ASPHT
FINE AGG.													
COARSE AGG.													
COARSE AGG.													

NO. OF CYLS. & CLASS Seven (7) cylinders – 4000 PSI AIR CONTENT (%) (C-231) 6.0%

SLUMP (C-143) 7" DENSITY (lbs./cu. ft.) (C-138) LAB. 51 CONC. TEMP (°F) (C-1064) 65°F

LOCATION Concrete was placed for footing for Ground Water Treatment Facilities Building.

REMARK 30 cu. yds. – 2 trucks called Service Concrete Co. Supplier informed the contractor & client about supplier to different Contractor & client advised to use same concrete supplier & not need test & only 150 yds. one test require

CYL. NO.	LAB. ID NO.	TYPE OF FRACTURE	TESTED AT	TOTAL LOAD	PSI	CYL. NO.	LAB. ID NO.	TYPE OF FRACTURE	TESTED AT	TOTAL LOAD	PSI
1.	ANX-1743-01	Shear	7 days	68, 190	3, 860	7.	ANX-1743-07	Shear	9 days	46, 250	6, 325
2.	ANX-1743-02	Cone & Shear	7 days	67, 450	4, 310						
3.	ANX-1743-03	Cone	14 days	85, 500	4, 797						
4.	ANX-1743-04	Cone	14 days	84, 160	4, 700						
5.	ANX-1743-05		28 days								
6.	ANX-1743-06		28 days								

SPECIMEN (6" x 12") CYL. AREA: 28.26 SQ. IN. Test performed as per A.S.T.M. specifications

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FILE NO. : ANS-1743 REPORT NO. : 01 DATE : 05/04/2011 PAGE NO. : 1 of 1

CLIENT : Dade Environmental Inc., 48 Pine Street, Suite 110, Rockaway, NJ 07866 WEATHER : Clear AIR TEMP. : 48°F

PROJECT : 165, Jackson Ave., Rockaway, NJ FINE AGG. : N/A

CONTRACTOR : Alnil Construction COARSE AGG. : N/A

CONCRETE SUPPLIER : Joe Tarla & Sons Inc CEMENT BRAND : N/A

REPORT OF CONCRETE INSPECTION AND TESTING — C-31

CLASS	4000 PSI		PSI		PLANT	MTHLD
DESIG MIX	DESIGN WEIGHT LBS	AS OF WEIGHT LBS	DESIGN WEIGHT LBS	AS OF WEIGHT LBS	REQUIRED YARDAGE	N/A
CEMENT					YARDAGE	30.00 Cu. yds.
FINE AGG.					INSPECTED	30.00 Cu. yds.
COARSE AGG.					TOTAL TO DATE	30.00 Cu. yds.
COARSE AGG.					START	10 : 30 AM
WATER GALS.					FINISH	3 : 00 PM
ADMIX. GE. ASA					TOTAL HRS.	6 : 30 Hrs.
ADMIX. W.					INSP.	H. S. Patel

% PASSING	1½	1	¾	½	⅜	4	8	16	30	50	100	200	PAN	% MOIST
FINE AGG.														
COARSE AGG.														
COARSE AGG.														

NO. OF CYLS. & CLASS Seven (7) cylinder - 4000 PSI AIR CONTENT (%) (C-231) 6.0%

SLUMP (C-143) 3" TEMPTE (C-94) 150 [illegible] CONC. TEMP (°F) (C-1064) 68°F

LOCATION Concrete was placed for footing for Ground Water Treatment Facilities Building.

REMARK 50 cu. yds. = 2 loads; noted for the concrete co. supplier informed the contractor & client about supplier is different. Contractor & client advised to use same concrete supplier & not need test & only 150 yds. one test required.

CYL. NO.	LAB. ID NO.	TYPE OF FRACTURE	TESTED AT	TOTAL LOAD	PSI	CYL. NO.	LAB. ID NO.	TYPE OF FRACTURE	TESTED AT	TOTAL LOAD	PSI
1.	ANS-1743-01	Shear	7 days	42, 740	3, 080	7.	ANS-1743-07	Shear	3 days	44, 320	3, 220
2.	ANS-1743-02	Cone & Shear	7 days	62, 420	4, 510						
3.	ANS-1743-03	Cone	14 days	66, 650	4, 797						
4.	ANS-1743-04	Cone	14 days	64, 180	4, 617						
5.	ANS-1743-05		28 days								
6.	ANS-1743-06		28 days								

SPECIMEN (4" x 8") CYL. AREA: 12.56 SQ. IN. Test performed as per ASTM specifications

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FILE NO. : ANX-1743 REPORT NO. : 01 DATE : 08/24/2017 PAGE NO. 1 of 1

CLIENT : Cerro Environmental Inc., 45 Pine Street, Suite - 119, Rockaway, NJ 07866 WEATHER : Clear AIR TEMP. : 65°F

PROJECT : 152, Jackson Ave., Roseland, NJ FINE AGG. : N/A

CONTRACTOR : Alto Construction COARSE AGG. : N/A

CONCRETE SUPPLIER : Joel Tech & Sons Inc CEMENT BRAND : N/A

REPORT OF CONCRETE INSPECTION AND TESTING — C-31

CLASS	4000	PSI		PSI	PLANT	FIELD
SUMMIT	SCENIC WEIGHT Lbs	DATE WEIGHT Lbs	SCENIC WEIGHT Lbs	DATE WEIGHT Lbs	PREVIOUS YARDAGE	N/A
CEMENT					YARDAGE	50.00 Cu. yds.
FINE AGG.					INSPECTED	50.00 Cu. yds.
COARSE AGG.					TOTAL TO DATE	50.00 Cu. yds.
COARSE AGG.					START	10 : 30 AM
WATER GALS.					FINISH	5 : 00 PM
ADMIX. WR-AEA					TOTAL HRS.	6 : 30 Hrs.
ADMIX. 92					INSP.	E. S. Patel

% PASSING	100	90	80	75	2	1	3/8	#4	#8	#16	1	1½	F.M.	% MOIST
FINE AGG.														
COARSE AGG.														
COARSE AGG.														

NO. OF CYLS. & CLASS Seven (7) cylinders - 4000 PSI AIR CONTENT (%) (C-231) 5.0%

SLUMP (C-143) 5" DENSITY (Unit Wt.) (C-138) LBS/Cf CONC. TEMP (°F) (C-1064) 80°F

LOCATION Concrete was placed for footing for Ground Water Treatment Facilities Building.

REMARK 50 cu. yds. - 5 trucks noted Stanley Concrete Co. Supplier. Informed the contractor & client about supplier Co. different. Contractor & client advised to use same concrete supplier & not need test & only 150 yds. one test require.

CYL. NO.	LAB. ID NO.	TYPE OF FRACTURE	TESTED AT	TOTAL LOAD	PSI	CYL. NO.	LAB. ID NO.	TYPE OF FRACTURE	TESTED AT	TOTAL LOAD	PSI
1.	ANX-1743-01	Shear	7 days	46, 740	2, 669	7.	ANX-1743-07	Shear	28 days	44, 220	2, 670
2.	ANX-1743-02	Cone & Shear	7 days	80, 420	4, 919						
3.	ANX-1743-03	Cone	14 days	80, 535	4, 927						
4.	ANX-1743-04	Cone	14 days	84, 189	4, 171						
5.	ANX-1743-05		28 days								
6.	ANX-1743-06		28 days								

SPECIMEN (6" x 12" CYL.) AREA 28.26 SQ. IN. Test performed as per A.S.T.M. specifications 1 - 2-09

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FILE NO.: ANS-1743

REPORT NO.: 01

CLIENT: Cape Environmental Inc., 45 Pine Street, Suite 1TR, Rockaway, NJ 07866

DATE: 10/24/2012

PAGE NO.: 01 of 1

PROJECT: 122 Jackson Ave., Secaucus, NJ

WEATHER: Clear

AIR TEMP.: 48°F

CONTRACTOR: Alint Construction

FINE AGG.: N/A

CONCRETE SUPPLIER: Joel Tang & Sons Inc

COARSE AGG.: N/A

CEMENT BRAND: N/A

REPORT OF CONCRETE INSPECTION AND TESTING — C-31

| CLASS | 4000 PSI | | | | | | | | PSI | | | | | | | |

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FILE NO. : ANX-1743 REPORT NO. : 37 DATE : 03/04/2011 PAGE NO. : C of 1

CLIENT : Cape Environmental Inc. 48 Pine Street, Suite - 101, Rockaway, NJ 07866 WEATHER : Clear AIR TEMP. : 44°F

PROJECT : 102 Jackson Ave., Rockaway, NJ FINE AGG. : N/A

CONTRACTOR : Alini Construction COARSE AGG. : N/A

CONCRETE SUPPLIER : Joel Farris & Sons Inc CEMENT BRAND : N/A

REPORT OF CONCRETE INSPECTION AND TESTING — C 31

CLASS	4000	PSI		PSI	PLANT	FIELD
SLUMP, in.	DESIGN WEIGHT LBS	RATIO WEIGHT LBS	DESIGN WEIGHT LBS	RATIO WEIGHT LBS	PREVIOUS TAKEDOWN	N/A
CEMENT					YARDAGE	30.00 Cu. yds.
FINE AGG.					INSPECTED	30.00 Cu. yds.
COARSE AGG.					TOTAL TO DATE	30.00 Cu. yds.
COARSE AGG.					START	10 : 30 AM
WATER GALS.					FINISH	5 : 00 PM
ADMIX. REL-AEA					TOTAL HRS.	6 : 30 Hrs.
ADMIX. OZ.					INSP.	E. S. Patel

% PASSING	150	100	50	30	16	8	4	3/8	1/2	3/4	1	1½	C.M.	% MOIST
FINE AGG.														
COARSE AGG.														
COARSE AGG.														

NO. OF CYLS. & CLASS Seven (7) cylinders - 4000 PSI AIR CONTENT (%) (C-231) 5.0%

SLUMP (C-143) 8" DENSITY (wet), lb. (C-138) 145 lbs CONC. TEMP (°F) (C-1064) 55°F

LOCATION Concrete was placed for footing for Grease Trap Treatment Facility Building.

REMARK 30 cu. yds. - 3 trucks Joel Farris Service Concrete Inc. Supplier informed the contractor & client about supplier Co. different. Contractor & client advised to use same concrete supplier & not need test & only 150 yds. one test require.

CYL. NO.	LAB. ID NO.	TYPE OF FRACTURE	TESTED AT	TOTAL LOAD	PSI*	CYL. NO.	LAB. ID NO.	TYPE OF FRACTURE	TESTED AT	TOTAL LOAD	PSI*
1.	ANX-1743-01	Shear	7 days	45,180	3,990	7.	ANX-1743-07	Shear	28 days	48,920	3,320
2.	ANX-1743-02	Cone & Shear	7 days	55,400	4,410						
3.	ANX-1743-03	Cone	14 days	58,200	4,190						
4.	ANX-1743-04	Cone	14 days	64,120	5,111						
5.	ANX-1743-05	Cone & Split	28 days	71,500	5,740						
6.	ANX-1743-06	Cone & Split	28 days	74,910	5,940						

SPECIMEN (4" x 8") CYLINDER 12.56 SQ. IN. Test performed as per A.S.T.M. specifications * Corr.

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FILE NO. : ANX-1743 REPORT NO. : 01 DATE : 10/24/2017 PAGE NO. : 1 of 1

CLIENT : Cape Environmental Inc., 46 Five Street, Suite 110, Rockaway, NJ 07866 WEATHER : Clear AIR TEMP. : 60°F

PROJECT : 122, Jackson Ave., Rockaway, NJ FINE AGG. : N/A

CONTRACTOR : Allini Construction COARSE AGG. : N/A

CONCRETE SUPPLIER : Joel Tarris & Sons Inc CEMENT BRAND : N/A

REPORT OF CONCRETE INSPECTION AND TESTING — C-31

CLASS	4000	PSI		PSI	PLANT	FIELD
SUBG.YD.	DESIGN WEIGHT LBS	DESIGN WEIGHT LBS	DESIGN WEIGHT LBS	DESIGN WEIGHT LBS	CREW/OUR VACUUM	N/A
CEMENT					MIXDATE	35.00 Cu. yds.
FINE AGG.					PREPRINTED	35.00 Cu. yds.
COARSE AGG.					TOTAL TO DATE	35.00 Cu. yds.
COARSE AGG.					START	10 : 00 AM
WATER GAL.S.					FINISH	5 : 00 PM
ADMIX. OZ./CEA					TOTAL HRS.	6 . 30 hrs.
ADMIX. OZ.					INSP.	B. S. Patel

S.PASSING	150	50	30	15	8	4	3/8	1/2	3/4	1	1 1/2	P.M.	12 NOON
FINE AGG.													
COARSE AGG.													
COARSE AGG.													

NO. OF CYLS. & CLASS Seven (7) c.Orders - 4000 PSI AIR CONTENT (%) (C-231) 5.0%

SLUMP (C-143) 9" DENSITY (C-138) SPEC. lb. MEET COND. TEMP (°F) (C-1064) 65°F

LOCATION Concrete was placed for footing for Ground Water Treatment Facility Building

REMARK 30 cu. yds. - 2 trucks MIXED Fredon Concrete Co. Supplier informed the inspector & client about supplier Co. different. Contractor & client advised to use same concrete supplier & not need test & only 150 yds. one test require.

CYL. NO.	LAB. ID NO.	TYPE OF FRACTURE	TESTED AT	TOTAL LOAD	PSI	CYL. NO.	LAB. ID NO.	TYPE OF FRACTURE	TESTED AT	TOTAL LOAD	PSI
1.	ANX-1743-01	Shear	7 days	42,750	5,500	7.	ANX-1743-07	Shear	28days	44,720	5,500
2.	ANX-1743-02	Cone & Shear	7 days	50,420	6,930						
3.	ANX-1743-03	Cone	14 days	59,590	6,750						
4.	ANX-1743-04	Cone	14 days	54,190	6,710						
5.	ANX-1743-05	Cone & Split	28 days	71,550	8,750						
6.	ANX-1743-06	Cone & Split	28 days	74,610	8,940						

SPECIMEN 6" x 8" CYL. (AREA 32.86 SQ.IN.) Test performed as per A.S.T.M. specifications 11-6-16

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Project Sign-In Sheet

Client: _____

_____

Project: _____

_____

Date: _____ Time In: _____

Day: _____ Time Out: _____

Total Hours Worked: _____ Overtime: _____

Description of Work Performed:

- ☐ Concrete Inspection Field, Yds. / Cyls made: _____
- ☐ Swiss Hammer / Windsor Probe / Coring: _____
- ☐ Concrete Inspection Plant, Yds. Inspected: _____
- ☐ Masonry Inspection, Samples Made: _____
- ☐ Grout Inspection, Samples Made Today: _____
- ☐ Reinforcing Steel Inspection
- ☐ Footing Bottom Inspection
- ☐ Soil Compaction Testing
- ☐ No. of Soil Samples Picked Up: _____
- ☐ Soil Boring / Test Pits
- ☐ Asphalt Compaction Testing, HMA Sample (s): _____
- ☐ Structural Steel Inspection
- ☐ Visual Welding ☐ PT ☐ MT ☐ UT
- ☐ Flatness ☐ Torque Testing of bolts
- ☐ Fireproofing Inspection, No. of Density Samples: _____
- ☐ Adhesion & Cohesion Test, No. of Tests done: _____
- ☐ Paint Thickness Testing
- ☐ Anchor Bolt Pull Test, No. of Tests done: _____
- ☐ Floor Flatness Testing
- ☐ Water Sample Collection / Testing, No. of Samples Collected: _____
- ☐ Asbestos / Lead Base Paint Sampling: _____
- ☐ Miscellaneous Testing: _____
- ☐ Report Provided: ☐ No ☐ Yes, if yes, ☐ Written or ☐ Verbal
- ☐ Did Client Schedule follow-up Inspection? ☐ No ☐ Yes

Sign: _____ Sign Client: _____

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FILE NO. : 4900-0745 REPORT NO. : 02 DATE : 03/14/2017 PAGE NO. : 1 of 1

CLIENT : Cape Environmental Inc., 45 Pine Street, Suite 140, Rockaway, NJ 07866 WEATHER : Cloudy AIR TEMP. : 32°F

PROJECT : 125 Jackson Ave., Rockaway, NJ FINE AGG. : N/A

CONTRACTOR : N/A COARSE AGG. : N/A

CONCRETE SUPPLIER : Service Concrete CEMENT BRAND : N/A

REPORT OF CONCRETE INSPECTION AND TESTING — C-31

CLASS	4000 PSI				PSI		PLANT	FIELD
CURB TO.	DESIGN WEIGHT LBS	WATER WEIGHT LBS	DESIGN WEIGHT LBS	WATER WEIGHT LBS			PREVIOUS YARDAGE	30.00 Cu. yds.
CEMENT							YARDAGE	18.00 Cu. yds.
FINE AGG.							INSPECTED	18.00 Cu. yds.
COARSE AGG.							TOTAL TO DATE	48.00 Cu. yds.
COARSE AGG.							START	8 : 00 AM
WATER GALS.							FINISH	4 : 30 PM
ADMIX. GRADE							TOTAL HRS	7 : 00 Hrs.
ADMIX. SIZE							INSP.	Dipen

% PASSING	100	50	30	16	8	4	3/8	16	30	1	1½	F.M.	% MOIST
FINE AGG.													
COARSE AGG.													
COARSE AGG.													

NO. OF CYLS. & CLASS Seven (7) cylinders - 4000 PSI AIR CONTENT (%) (C-231) 6.0%

SLUMP (C-143) 4½" DENSITY (lbs./ft.³) (C-138) 141.38 CONC. TEMP (°F) (C-1064) 32°F

LOCATION Concrete was placed for footing wall concrete between grid line C-F, part a wall elevation between: [illegible] A pa

REMARK 8 cyl. (5 test to be made)
Field ID/Wtg. S-4, S-7

CYL NO.	LAB. ID NO.	TYPE OF FRACTURE	TESTED AT	TOTAL LOAD	PSI*	CYL NO.	LAB. ID NO.	TYPE OF FRACTURE	TESTED AT	TOTAL LOAD	PSI*
1.	ANX-1743-08	Shear	7 days	46,000	2,340	7.	ANX-1743-14		Hold		
2.	ANX-1743-09	Cone	7 days	42,100	5,000						
3.	ANX-1743-10		14 days								
4.	ANX-1743-11		14 days								
5.	ANX-1743-12		28 days								
6.	ANX-1743-13		28 days								

SPECIMEN (6" x 12") CYL. AREA 12.56 SQ. IN. Test performed as per A.S.T.M. specification 1-C-39

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FILE NO. : ANX-1743 REPORT NO. : 32 DATE : 09/04/2011 PAGE NO. 11 of 1

CLIENT : Cape Environmental Inc., 46 Pine Street, Suite - 200, Rockaway, NJ 07866 WEATHER : Cloudy AIR TEMP. 8 PM

PROJECT : 122, Jackson Ave., Roselle, NJ FINE AGG. : NA

CONTRACTOR : N/A COARSE AGG. : NA

CONCRETE SUPPLIER : Service Concrete CEMENT BRAND : NA

REPORT OF CONCRETE INSPECTION AND TESTING — C-31

CLASS	4000 PSI													PSI		PLANT	FIELD
CUBIC YD.	DESIGN WEIGHT LBS													DESIGN WEIGHT LBS	BATCH WEIGHT LBS		
CEMENT																PREVIOUS YARDAGE	30.00 Cu. yds.
FINE AGG.																YARDAGE	18.00 Cu. yds.
COARSE AGG.																INSPECTED	18.00 Cu. yds.
COARSE AGG.																TOTAL TO DATE	48.00 Cu. yds.
WATER GALS.																START	9 : 00 AM
POWER SPLASH																FINISH	4 : 30 PM
ADM. & OTH.																TOTAL LBS.	7 : 00 hrs.
% PASSING	100	90	80	70	60	40	30	20	10	5	3/4	1	1½	F.M.	% MOIST.	TYPE	Class
FINE AGG.																	
COARSE AGG.																	
COARSE AGG.																	

NO. OF CYLS. & CLASS Seven (7) cylinders - 4000 PSI AIR CONTENT (%) (C-231) 6.0%

SLUMP (C-143) 4½" DENSITY (Unit Wt.) (C-138) 143.82 CONC. TEMP. (°F.) (C-1064) 60°F

LOCATION Concrete was placed for footing wall concrete between grid line C-D, and a wall elevation between 5'11"S' + 8, 6'8.5" & pa

REMARK Transit mixed in 20A yd.
Pour drawing S-1, S-2

CYL. NO.	LAB. ID NO.	TYPE OF FRACTURE	TESTED AT	TOTAL LOAD	PSI*	CYL. NO.	LAB. ID NO.	TYPE OF FRACTURE	TESTED AT	TOTAL LOAD	PSI*
1	ANX-1743-06	Shear	3 days	42,400	3,540	5	ANX-1743-14		28d		
2	ANX-1743-09	Cone	7 days	42,160	3,350						
3	ANX-1743-15		14 days								
4	ANX-1743-11		21 days								
5	ANX-1743-12		28 days								
6	ANX-1743-13		28 days								

SPECIMEN 4" x 8" CYL. AREA 12.56 SQ. IN.

*Rounded off per A.S.T.M. specification

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FILE NO. : ANS-1743 REPORT NO. : 99 DATE : 03/16/2017 PAGE NO. : 1 of 1

CLIENT : Case Environmental Inc., 46 Pine Street, Suite - 100, Rockaway, NJ 07866 WEATHER : Cloudy AIR TEMP. : 60°F

PROJECT : 122 Jackson Ave., Rockaway, NJ FINE AGG. : N/A

CONTRACTOR : N/A COARSE AGG. : N/A

CONCRETE SUPPLIER : Service Concrete CEMENT BRAND : N/A

REPORT OF CONCRETE INSPECTION AND TESTING ---- C-31

CLASS	4000	PSI		PSI	PLANT	FIELD
CUBO NO.	DESIGN WEIGHT LBS	ACTUAL WEIGHT LBS	DESIGN WEIGHT LBS	ACTUAL WEIGHT LBS	PREVIOUS YARDAGE	30.50 Cu. yds.
CEMENT					YARDAGE	18.00 Cu. yds.
FINE AGG.					DISPATCH	18.00 Cu. yds.
COARSE AGG.					TOTAL TO DATE	48.00 Cu. yds.
COARSE AGG.					START	9 : 00 AM
WATER GALS.					FINISH	4 : 30 PM
ADMIX. OZ./CWT					TOTAL HRS.	7.00 Hrs.
					INSP.	Dipen

% PASSING	100	90	80	50	8	4	3/8	16	30	1	1/2	H.M.	% MOIST
FINE AGG.													
COARSE AGG.													
COARSE AGG.													

NO. OF CYLS. & CLASS Seven (7) cylinders - 4000 PSI AIR CONTENT (%) (C-231) 5.0%

SLUMP (C-143) 4 1/2" DENSITY (lbs./cu. ft.) (C-138) 143.38 COND. TEMP (°F) (C-1064) 82°F

LOCATION Concrete was placed for footing, wall concrete between grid line C-2, next 8 wall elevation between 5'-10 1/2" + 11'-0 1/2" & ins

REMARK 4 SAMPLES TAKEN, 3 KEPT
Refer drawing S-4, S-7

CYL. NO.	LAB. ID NO.	TYPE OF FRACTURE	TESTED AT	TOTAL LOAD	PSI	CYL. NO.	LAB. ID NO.	TYPE OF FRACTURE	TESTED AT	TOTAL LOAD	PSI
1.	ANS-1743-01	Shear	7 days	42,100	2,346	2.	ANS-1743-14		28 days		
3.	ANS-1743-02	Shear	7 days	49,160	2,736						
5.	ANS-1743-15		14 days								
4.	ANS-1743-17		14 days								
6.	ANS-1743-12		28 days								
8.	ANS-1743-13		28 days								

SPECIMEN (6" x 6") CYL. ARE A - 28.86 SQ. IN. Test performed as per A.S.T.M. specifications * = 2.54

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FILE NO. : ANX-0742 REPORT NO. : 02 DATE : 03/14/2001 PAGE NO. : 0-31

CLIENT : Gage Environmental Inc., 45 Pine Street, Suite - 110, Rockaway, NJ 07866 WEATHER : Cloudy AIR TEMP. : 42°F

PROJECT : 122, Jackson Ave., Rockaway, NJ FINE AGG. : N/A

CONTRACTOR : N/A COARSE AGG. : N/A

CONCRETE SUPPLIER : Service Concrete CEMENT BRAND : N/A

REPORT OF CONCRETE INSPECTION AND TESTING — C-31

CLASS	4000	PSI		PSI	PLANT	FIELD
CUBIC YD.	DESIGN WEIGHT LBS	BATCH WEIGHT LBS	DESIGN WEIGHT LBS	BATCH WEIGHT LBS	PREVIOUS YARDAGE	30.00 Cu. yds.
CEMENT					YARDAGE	18.00 Cu. yds.
FINE AGG.					REPORTED	18.00 Cu. yds.
COARSE AGG.					TOTAL TO DATE	48.00 Cu. yds.
COARSE AGG.					START	8 : 00 AM
WATER GALS.					FINISH	4 : 30 PM
NAMX. SZ. AGG.					TOTAL HRS.	7 : 00 Hrs.
AIRMIX. OZ.					INSP.	Dipen

% PASSING	100	95	90	75	8	4	3/8	16	30	1	1/2	F.M.	% MOIST
FINE AGG.													
COARSE AGG.													
COARSE AGG.													

NO. OF CYLS. & CLASS Seven (7) cylinders - 4000 PSI AIR CONTENT (%) (C-231) 6.0%

S. (IN) (C-143) "OK" DENSITY (lbs/cu.ft.) (C-138) 148.55 CONC. TEMP (°F) (C-1064) 62°F

LOCATION Concrete was placed for footing wall concrete between grid line G-E, part a wall elevation between 61142' + 0, 563.25'N. (a

REMARK Sheet R1-401 to R3-401
Refer drawing F-4, S-2

CYL. NO.	LAB. ID NO.	TYPE OF FRACTURE	TESTED AT	TOTAL LOAD	PSI*	CYL. NO.	LAB. ID NO.	TYPE OF FRACTURE	TESTED AT	TOTAL LOAD	PSI*
1.	ANX-1743-08	Shear	7 days	42,000	3,545	5.	ANX-1743-12		Hold		
2.	ANX-1743-09	Cone	7 days	48,150	4,060						
3.	ANX-1743-10	Cone & Shear	14 days	49,340	4,160						
4.	ANX-1743-11	Shear	14 days	51,500	4,128						
6.	ANX-1743-13		28 days								
7.	ANX-1743-14		28 days								

REFERENCE (4" x 8" CYL.) AREA 12.56 SQ. IN. Test performed as per A.S.T.M. specifications * - C-39

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FILE NO. : ANX-1743 REPORT NO. : 62 DATE : 08/14/2011 PAGE NO. : 1 of 1

CLIENT : Cape Environmental Inc., 65 Hire Street, Suite - 110, Roxbury, NJ 07850 WEATHER : Cloudy AIR TEMP. : 82°F

PROJECT : 122, Jackson Ave., Roxbury, NJ FINE AGG. : N/A

CONTRACTOR : N/A COARSE AGG. : N/A

CONCRETE SUPPLIER : Service Concrete CEMENT BRAND : N/A

REPORT OF CONCRETE INSPECTION AND TESTING ---- C-31

CLASS	4000 PSI		PSI		PLANT	FIELD
CUBIC YD.	DESIGN WEIGHT LBS	ACTUAL WEIGHT LBS	DESIGN WEIGHT LBS	ACTUAL WEIGHT LBS	PREVIOUS YARDAGE	90.00 Cu. yds.
CEMENT					YARDAGE	18.00 Cu. yds.
FINE AGG.					INSPECTED	18.00 Cu. yds.
COARSE AGG.					TOTAL TO DATE	48.00 Cu. yds.
COARSE AGG.					START	8 : 00 AM
WATER GALS					FINISH	4 : 30 PM
ADMIX. GE-AEA					TOTAL HRS	7 : 00 Hrs.
ADMIX. DF.					MSP	Dipon

% PASSING	1½	1	¾	½	⅜	4	#8	#16	#30	#50	#100	#200	% VOIDS
FINE AGG.													
COARSE AGG.													
COARSE AGG.													

NO. OF CYLS. & CLASS Seven (7) cylinders - 4000 PSI AIR CONTENT (%) (C-231) 5.0%

SLUMP (C-143) 4½" DENSITY (lbs/ft³) (C-138) 145.30 CONC. TEMP (°F) (C-1064) 85°F

LOCATION Concrete was placed for footing wall separate pour line C-5, part a wall elevation between El 142 - 0, El 5.10 & pr 3 wall ELEV to El 5.50

REMARK Rebar drawing S-4, S-2

CYL. NO.	LAB. ID NO.	TYPE OF FRACTURE	TESTED AT	TOTAL LOAD	PSI*	CYL. NO.	LAB. ID NO.	TYPE OF FRACTURE	TESTED AT	TOTAL LOAD	PSI*
1.	ANX-1743-02	Shear	7 days	42,000	5,940	7.	ANX-1743-14		28		
2.	ANX-1743-05	Cone	7 days	42,100	5,950						
3.	ANX-1743-10	Cone & Shear	14 days	49,300	6,970						
4.	ANX-1743-11	Shear	14 days	37,300	5,130						
5.	ANX-1743-12		28 days								
6.	ANX-1743-13		28 days								

SPECIMEN 6" x 12" (CYL.) AREA 12.56 SQ. IN. Test performed as per A.S.T.M. Specifications C-39

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FILE NO. : ANX-1743 REPORT NO. : 02 DATE : 08/14/2017 PAGE NO. : 1 of 1

CLIENT : Cape Environmental, Inc., 40 Pine Street, Suite - 110, Rockaway, NJ 07866 WEATHER : Cloudy AIR TEMP. : 82°F

PROJECT : 102, Jackson Ave., Roseland, NJ FINE AGG. : N/A

CONTRACTOR : N/A COARSE AGG. : N/A

CONCRETE SUPPLIER : Service Concrete CEMENT BRAND : N/A

REPORT OF CONCRETE INSPECTION AND TESTING — C-31

CLASS	4000 PSI		PSI		PLANT	FIELD
CUBIC YD.	DESIGN WEIGHT LBS	BATCH WEIGHT LBS	DESIGN WEIGHT LBS	BATCH WEIGHT LBS	PREVIOUS YARDAGE	30.25 Cu. yds.
CEMENT					YARDAGE	18.00 Cu. yds.
FINE AGG.					INSPECTED	18.00 Cu. yds.
COARSE AGG.					TOTAL TO DATE	48.00 Cu. yds.
COARSE AGG.					START	8 : 30 AM
WATER GAL.					FINISH	4 : 30 PM
ADMIX. OZ./BAG					TOTAL HRS.	7 : 00 Hrs.
ADMIX. OZ.					INSP.	Dipen

% PASSING	1½	1	¾	½	⅜	#4	#8	#16	#30	#50	#100	#200	% MOIST
FINE AGG.													
COARSE AGG.													
COARSE AGG.													

NO. OF CYLS. & CLASS Seven (7) cylinders - 4000 PSI AIR CONTENT (%) (C-231) 5.0%

SLUMP (C-143) 4½" DENSITY (Wgt. R. (C-138)) 142.0 lb CONC. TEMP (°F.) (C-1064) 82°F

LOCATION Concrete was placed for footing wall opposite between grid line D-G, part a wall elevation between B1142' + 5.818.19' E pe

REMARK Refer drawing S-4, S-2

CYL. NO.	LAB. ID NO.	TYPE OF FRACTURE	TESTED AT	TOTAL LOAD	PSI	CYL. NO.	LAB. ID NO.	TYPE OF FRACTURE	TESTED AT	TOTAL LOAD	PSI
1.	ANX-1743-08	Shear	7 days	45,200	4,340	5.	ANX-1743-11		Held		
2.	ANX-1743-09	Cone	7 days	46,120	4,430						
3.	ANX-1743-10	Cone & Shear	14 days	46,360	4,460						
4.	ANX-1743-11	Shear	14 days	45,800	4,400						
5.	ANX-1743-12		28 days								
6.	ANX-1743-13		28 days								

SPECIMEN DIM'S 6" DIA. AREA 28.26 SQ. IN. Test performed as per A.S.T.M. specifications

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FILE NO. : ANX-1743 REPORT NO. : 02 DATE : 03/15/2011 PAGE NO. : 2 of 1

CLIENT : Cape Environmental Inc., 46 Pine Street, Suite - 110, Rockaway, NJ 07866 WEATHER : Cloudy AIR TEMP. : 32/F

PROJECT : 122, Jackson Ave., Rockaway, NJ FINE AGG. : N/A

CONTRACTOR : N/A COARSE AGG. : N/A

CONCRETE SUPPLIER : Service Concrete CEMENT BRAND : N/A

REPORT OF CONCRETE INSPECTION AND TESTING — C-31

CLASS	4000	PSI		PSI	PLANT	FIELD
CUBIC YD.	DESIGN WEIGHT LBS	ACTUAL WEIGHT LBS	DESIGN WEIGHT LBS	ACTUAL WEIGHT LBS	PREVIOUS YARDAGE	30.00 Cu. yds.
CEMENT					YARDAGE	18.00 Cu. yds.
FINE AGG.					INSPECTED	18.00 Cu. yds.
COARSE AGG.					TOTAL TO DATE	48.00 Cu. yds.
COARSE AGG.					START	9:00 AM
WATER GALS.					FINISH	4:30 PM
ADMIX. BRAND					TOTAL HRS.	7:00 Hrs.
ADMIX. DM.					INSP.	Dipen

% PASSING	150	90	80	75	3	2	1½	1	¾	½	⅜	#4	#8	% MOIST
FINE AGG.														
COARSE AGG.														
COARSE AGG.														

NO. OF CYLS. & CLASS Seven (7) cylinders - 4000 PSI AIR CONTENT (%) (C-231) 5.0%

SLUMP (C-143) 4½" UNIT WGT. (C-138) 143.00 CONC. TEMP. (°F.) (C-1064) 62°F

LOCATION Concrete was placed for footing wall. Concrete between grid line C-E, part a wall elevation between 51.142' + 0.613.10' & pa

REMARK Refer drawing S-4, S-7

CYL. NO.	LAB. ID NO.	TYPE OF FRACTURE	TESTED AT	TOTAL LOAD	PSI*	CYL. NO.	LAB. ID NO.	TYPE OF FRACTURE	TESTED AT	TOTAL LOAD	PSI*
1.	ANX-1743-08	Shear	3 days	43,500	3,350	7.	ANX-1743-14		Hold		
2.	ANX-1743-09	Cone	7 days	42,160	3,350						
3.	ANX-1743-10	Cone & Shear	10 days	48,360	3,860						
4.	ANX-1743-11	Shear	14 days	51,520	4,150						
5.	ANX-1743-12	Cone & split	18 days	55,480	4,350						
6.	ANX-1743-13	Cone	28 days	58,640	4,720						

SPECIMEN : 6" x 12" CYL. AREA : 28.26 SQ. IN. Test performed in per A.S.T.M. specifications *: Corr.

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FILE NO.: ANX-1743 REPORT NO.: 02 DATE: 03/14/2011 PAGE NO.: 1 of 1

CLIENT: Cape Environmental, Inc., 45 Pine Street, Suite - 170, Rockaway, NJ 07866 WEATHER: Cloudy AIR TEMP.: 37°F

PROJECT: 123, Jackson Ave., Rockaway, NJ FINE AGG.: N/A

CONTRACTOR: N/A COARSE AGG.: N/A

CONCRETE SUPPLIER: Service Concrete CEMENT BRAND: N/A

REPORT OF CONCRETE INSPECTION AND TESTING — C-31

CLASS	4000	PSI		PSI	PLANT	FIELD
CUBIC YD.	DESIGN WEIGHT / LBS	DATED WEIGHT / LBS	DESIGN WEIGHT / LBS	DATED WEIGHT / LBS	PREVIOUS YARDAGE	30.00 Cu. yds.
CEMENT					YARDAGE	18.00 Cu. yds.
FINE AGG.					INSPECTED	18.00 Cu. yds.
COARSE AGG.					TOTAL TO DATE	48.00 Cu. yds.
COARSE AGG.					START	9:00 AM
WATER GALS.					FINISH	4:30 PM
ADMIX. OZ. AGA					TOTAL HRS.	7.00 Hrs.
ADMIX. OZ.					INSP.	Dixon

% PASSING	100	50	30	16	8	4	3/8	3/4	3/4	1	1½	2½	3½	% ASCIST
FINE AGG.														
COARSE AGG.														
COARSE AGG.														

NO. OF CYLS. & CLASS Seven (7) cylinders - 4000 PSI AIR CONTENT (%) (C-231): 5.0%

SLUMP (C-143): 4½" DENSITY (PCF) (C-138): 143.30 CONC. TEMP (°F) (C-1064): 68°F

LOCATION Concrete was placed for footing wall concrete between grid line E-H, part a wall elevation between El 14.2' + to 15.5' (4 pa

REMARK 1 Bucket 30 (C-172) (C-94 C-31)
Refer drawing S-4, S-2

CYL. NO.	LAB. ID NO.	TYPE OF FRACTURE	TESTED AT	TOTAL LOAD	PSI	CYL. NO.	LAB. ID NO.	TYPE OF FRACTURE	TESTED AT	TOTAL LOAD	PSI
A.	ANX-1743-08	Shear	7 days	42,390	6,043	A.	ANX-1743-14		28d		
B.	ANX-1743-09	Cone	7 days	42,180	6,030						
B.	ANX-1743-10	Cone & Shear	14 days	49,350	6,930						
A.	ANX-1743-11	Shear	14 days	39,850	5,690						
A.	ANX-1743-12	Cone & Shear	28 days	50,450	7,200						
A.	ANX-1743-13	Cone	28 days	53,040	7,750						

SPECIMEN: 6" x 12" CYL. / ASTM C31, C39, C42, 74 Test accredited by NVLAP, A.S.T.M. specifications (C-39)

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FILE NO. : ANX-1743 REPORT NO. : 02 DATE : 03/19/2010 PAGE NO. : 1 of 1

CLIENT : Cape Environmental Inc., 46 Pine Street, Suite 518, Rockaway, NJ 07866 WEATHER : Cloudy AIR TEMP. : 37°F

PROJECT : 123 Jackson Ave., Rockaway, NJ FINE AGG. : N/A

CONTRACTOR : N/A COARSE AGG. : N/A

CONCRETE SUPPLIER : Service Concrete CEMENT BRAND : N/A

REPORT OF CONCRETE INSPECTION AND TESTING — C-31

CLASS	4000	PSI		PSI	PLANT	FIELD
MIX NO.	DESIGN WEIGHT LBS	WATER WEIGHT LBS	DESIGN WEIGHT LBS	WATER WEIGHT LBS	PREVIOUS YARDAGE	30.00 Cu. yds.
CEMENT					YARDAGE	19.00 Cu. yds.
FINE AGG.					REPORTED	18.00 Cu. yds.
COARSE AGG.					TOTAL TO DATE	48.00 Cu. yds.
COARSE AGG.					START	9:00 AM
WATER RED.					FINISH	4:30 PM
ADMIX. DR-AEA					TOTAL HRS.	7:00 Hrs.
ADMIX. DR.					MSP	Direct

% PASSING	1½	1	¾	½	⅜	#4	#8	#16	#30	#50	#100	#200	F.M.	% MOIST
FINE AGG.														
COARSE AGG.														
COARSE AGG.														

NO. OF CYLS. & CLASS Seven (7) cylinders - 4000 PSI AIR CONTENT (%) (C-231) 6.0%

SLUMP (C-143) 4½" DENSITY (PCF) (C-138) 143.99 CONC. TEMP (°F) (C-1064) 62°F

LOCATION Concrete was placed for footing wall (concrete) between grid line D-E, pad & wall elevation between @1142' + 0, 312.10' & pa

REMARK Rebar drawing S-4, S-2

CYL NO.	LAB. ID NO.	TYPE OF FRACTURE	TESTED AT	TOTAL LOAD	PSI	CYL NO.	LAB. ID NO.	TYPE OF FRACTURE	TESTED AT	TOTAL LOAD	PSI
1.	ANX-1743-08	Shear	7 days	42,330	5,340	7.	ANX-1743-14		HOLD		
2.	ANX-1743-09	Cone	7 days	45,190	5,690						
3.	ANX-1743-10	Cone & Shear	14 days	50,350	6,350						
4.	ANX-1743-11	Shear	14 days	51,950	6,150						
5.	ANX-1743-12	Cone & split	28 days	58,490	6,250						
6.	ANX-1743-13	Cone	28 days	58,000	6,150						

SPECIMEN (4" x 8" CYL.) AREA 12.56 SQ. IN. Test performed in accord. ASTM specifications C-39

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FILE NO. : ANX-4743 REPORT NO. : 03 DATE : 03/25/2011 PAGE NO. : 1 of 1

CLIENT : Cape Construction Inc., 45 Pine Street, Bldg. 1, Rm 10, Keyhaven, NJ 07086 WEATHER : N/A AIR TEMP. : N/A

PROJECT : 132, Jackson Ave., Keyhaven, NJ FINE AGG. : N/A

CONTRACTOR : N/A COARSE AGG. : N/A

CONCRETE SUPPLIER : N/A CEMENT BRAND : N/A

REPORT OF CONCRETE INSPECTION AND TESTING ---- C-31

CLASS	4000 PSI				PSI		PLANT	FIELD
MIX ID.	DESIGN WEIGHT LBS	BATCH WEIGHT LBS	DESIGN WEIGHT LBS	BATCH WEIGHT LBS			PREVIOUS YARDAGE	48.00 Cu. yds.
CEMENT							TAKEDAIL	20.00 Cu. yds.
FINE AGG.							INSPECTED	00.00 Cu. yds.
COARSE AGG.							TOTAL TO DATE	48.00 Cu. yds.
COARSE AGG.							START	11:30 AM
WATER GALS.							FINISH	2:00 PM
ADMIX. OZ./100#							TOTAL HRS.	3 : 30 Hrs.
AIRMIX. OZ.							INSP.	Soni

% PASSING	100	90	80	70	60	50	40	30	20	10	5	2.5	1.25	% MOIST
FINE AGG.														
COARSE AGG.														
COARSE AGG.														

NO. OF CYLS. & CLASS None AIR CONTENT (%) (C-231) N/A

SLUMP (C-143) N/A DENSITY (KG/M³) (C-138) CONC. TEMP (°C) (C-1064) N/A

LOCATION

REMARK Concrete placement was cancelled

CYL NO.	LAB. ID NO.	TYPE OF FRACTURE	TESTED AT	TOTAL LOAD	PSI	CYL NO.	LAB. ID NO.	TYPE OF FRACTURE	TESTED AT	TOTAL LOAD	PSI

SPECIMEN 4"x8" CYL. UNDER 12.00 SQ. IN. TEST performed as per A.S.T.M. specifications C-39

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FILE NO. : ANS-1745 REPORT NO. : 09 DATE : 12/29/2011 PAGE NO. : 1 of 1

CLIENT : Cape Environmental Inc., 46 Pine Street, Suite 1-19, Rockaway, NJ 07866 WEATHER : N/A AIR TEMP. : N/A

PROJECT : 152, Jackson Ave., Roseland, NJ FINE AGG. : N/A

CONTRACTOR : N/A COARSE AGG. : N/A

CONCRETE SUPPLIER : N/A CEMENT BRAND : N/A

REPORT OF CONCRETE INSPECTION AND TESTING — C-31

CLASS	4000	PSI		PSI	PLANT	FIELD
CUBIC YD.	DESIGN WEIGHT LBS	WEIGH WEIGHT LBS	DESIGN WEIGHT LBS	WEIGH WEIGHT LBS	PREVIOUS TARDAGE	40.00 Cu. yds.
CEMENT					TARDAGE	50.00 Cu. yds.
FINE AGG.					INSPECTED	05.00 Cu. yds.
COARSE AGG.					TOTAL TO DATE	45.00 Cu. yds.
COARSE AGG.					START	11:00 AM
WATER/GALS.					FINISH	2:30 PM
ADMIX. 02.-AEA					TOTAL TIME	3.30 Hrs.
ADMIX. OZ.					INSP.	Soni

% PASSING	100	90	80	70	3/8	4	8	16	30	50	100	F.M.	% MOIST
FINE AGG.													
COARSE AGG.													
COARSE AGG.													

NO. OF CYLS. & CLASS None AIR CONTENT (%) (C-231) N/A

SLUMP (C-143) N/A DENSITY (Unit Wt.) (C-138) CONC. TEMP (°F) (C-1064) N/A

LOCATION

REMARK Concrete placement was cancelled.

CYL. NO.	LAB. ID NO.	TYPE OF FRACTURE	TESTED AT	TOTAL LOAD	PSI*	CYL. NO.	LAB. ID NO.	TYPE OF FRACTURE	TESTED AT	TOTAL LOAD	PSI*

*SPECIMEN (4" x 8") (6" x 12") (3" x 6") (2" x 4") Test performed as per A.S.T.M. specifications

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FILE NO. : ANS-1763 REPORT NO. : 09 DATE : 03/25/2011 PAGE NO. : 1 of 1

CLIENT : Dapo Environmental Inc., 45 Pine Street, Suite - 1 Hl, Rockaway, NJ 07866 WEATHER : N/A AIR TEMP. : N/A

PROJECT : 122, Jackson Ave, Rockaway, NJ FINE AGG. : N/A

CONTRACTOR : N/A COARSE AGG. : N/A

CONCRETE SUPPLIER : N/A CEMENT BRAND : N/A

REPORT OF CONCRETE INSPECTION AND TESTING ---- C-31

CLASS	4000 PSI		PSI		PLANT	FIELD
GUAGE NO.	DESIGN WEIGHT LBS	DATON WEIGHT LBS	DESIGN WEIGHT LBS	DATON WEIGHT LBS	PREVIOUS YARDAGE	48.50 Cu. yds.
CEMENT					YARDAGE	60.00 Cu. yds.
FINE AGG.					INSPECTOR	30.00 Cu. yds.
COARSE AGG.					TOTAL TO DATE	48.50 Cu. yds.
COARSE AGG.					START	11:00 AM
WATER GALS.					FINISH	2:30 PM
AGWA DEMAND					TOTAL HRS.	3:30 Hrs.
AGWA CO.					INSP.	Son

% PASSING	100	95	90	16	8	4	3/8	16	30	50	100	200	% MOIST
FINE AGG.													
COARSE AGG.													
COARSE AGG.													

NO. OF CYLS. & CLASS None AIR CONTENT (%) (C-231) N/A

SLUMP (C-143) N/A TEMPERATURE (Deg. F) (C-1064) CONC. TEMP (°F) (C-1064) N/A

LOCATION

REMARK Concrete placement was cancelled

CYL. NO.	LAB. ID NO.	TYPE OF FRACTURE	TESTED AT	TOTAL LOAD	PSI	CYL. NO.	LAB. ID NO.	TYPE OF FRACTURE	TESTED AT	TOTAL LOAD	PSI

SPECIMEN: 6"x 9" CYLINDER 12.56 SQ. IN. Test performed as per A.S.T.M. specification * (C-39)

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FILE NO. : ANX-1743 REPORT NO. : 04 DATE : 03/29/201[illegible] PAGE NO. : 1 of 1

CLIENT : Dade Environmental Inc., 48 Pine Street, Suite - 110, Rockaway, NJ 07866 WEATHER : Sunny AIR TEMP. : 48°F

PROJECT : 125, Jackson Ave., Rockaway, NJ FINE AGG. : N/A

CONTRACTOR : Alinj Corp. COARSE AGG. : N/A

CONCRETE SUPPLIER : Joel Tanis & Sons Concrete CEMENT BRAND : N/A

REPORT OF CONCRETE INSPECTION AND TESTING — C-31

CLASS	4000	PSI		PSI	PLANT	FIELD
CUBIC YD.	DESIGN WEIGHT Lbs	BATCH WEIGHT Lbs	DESIGN WEIGHT Lbs	BATCH WEIGHT Lbs	PROV SALE YARDAGE	48.00 Cu. yds.
CEMENT					YARDAGE	25.00 Cu. yds.
FINE AGG.					INSPECTED	25.00 Cu. yds.
COARSE AGG.					TOTAL TO DATE	75.00 Cu. yds.
COARSE AGG.					START	8 : 00 AM
WATER GALS.					FINISH	2 : 00 PM
ADMIX. GALLONS					TOTAL HRS.	4 . 00 Hrs.
ADMIX. OZ.					INSP.	Soni

% PASSING	100	90	80	70	3"	1"	3/8	8	30	50	100	200	% MOIST
FINE AGG.													
COARSE AGG.													
COARSE AGG.													

NO. OF CYLS. & CLASS Five (5) cylinders - 4000 PSI (A/E) AIR CONTENT (%) 5.5%

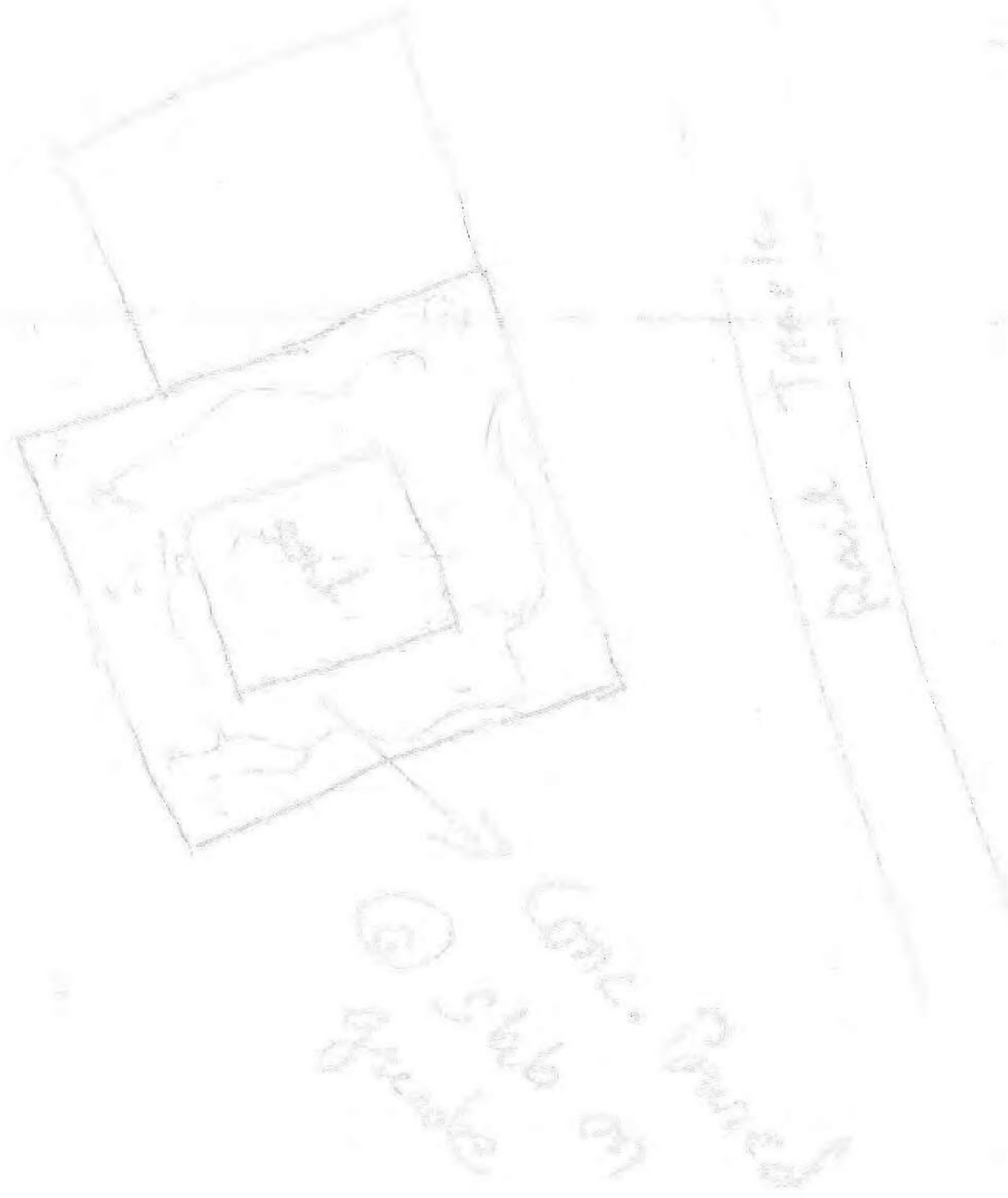
SLUMP 6" DENSITY (Wet) lb/cu. ft. CONC. TEMP. (°F) 68°F

LOCATION Concrete was placed for slab on grade.

REMARK See attached inspection plan.

CYL. NO.	LAB. ID NO.	TYPE OF FRACTURE	TESTED AT	TOTAL LOAD	PSI*	CYL. NO.	LAB. ID NO.	TYPE OF FRACTURE	TESTED AT	TOTAL LOAD	PSI*
1.	ANX-1743-15	Shear	7 days	[illegible]	1,7[illegible]						
2.	ANX-1743-16	Cone & Shear	7 days	[illegible]	2,[illegible]						
3.	ANX-1743-17		14 days								
4.	ANX-1743-18		28 days								
5.	ANX-1743-19		28 days								

SPECIMEN DIMENSIONS: 6" x 12" CYLINDER, 78.50 SQ. IN. Test performed as per A.S.T.M. specifications * 0.00



Project: 123 Bayclub Ave Burlingame
Client: CAPE INC.

[illegible]
[illegible]
[illegible]
[illegible]

[illegible]

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FILE NO. : ANX-1743 REPORT NO. : 04 DATE : 03/29/2011 PAGE NO. : 1 of 1

CLIENT : Cope Environmental Inc., 46 Pine Street, Suite – 110, Rockaway, NJ 07866 WEATHER : Sunny AIR TEMP. : 48°F

PROJECT : 122, Jackson Ave., Rockaway, NJ FINE AGG. : N/A

CONTRACTOR : Alini Corp. COARSE AGG. : N/A

CONCRETE SUPPLIER : Joel Tank & Sons Concrete CEMENT BRAND : N/A

REPORT OF CONCRETE INSPECTION AND TESTING — C-31

CLASS	4000	PSI		PSI
CUBIC YD.	BATCH WEIGHT LBS	BATCH WEIGHT LBS	BATCH WEIGHT LBS	BATCH WEIGHT LBS
CEMENT				
FINE AGG.				
COARSE AGG.				
COARSE AGG.				
WATER GALS.				
ADMIX. OZ. AEA				
ADMIX. OZ.				

PLANT	FIELD
PREVIOUS YARDAGE	44.00 Cu. yds.
YARDAGE	25.00 Cu. yds.
INSPECTED	13.00 Cu. yds.
TOTAL TO DATE	72.00 Cu. yds.
START	9 : 00 AM
FINISH	4 : 30 PM
TOTAL HRS.	8 : 00 Hrs.
INSP.	Soni

% PASSING	100	95	90	75	5	4	3/8	8	16	1	1½	F.M.	% MOIST
FINE AGG.													
COARSE AGG.													
COARSE AGG.													

NO. OF CYLS. & CLASS Five (5) cylinders - 4000 PSI (A/P) AIR CONTENT (%) (C-231) 6.0%

SLUMP (C-143) 4" DENSITY (C-138) 145 LBS/CU.FT. CONC. TEMP. (C-1064) 60°F

LOCATION Concrete was placed for slab on grade.

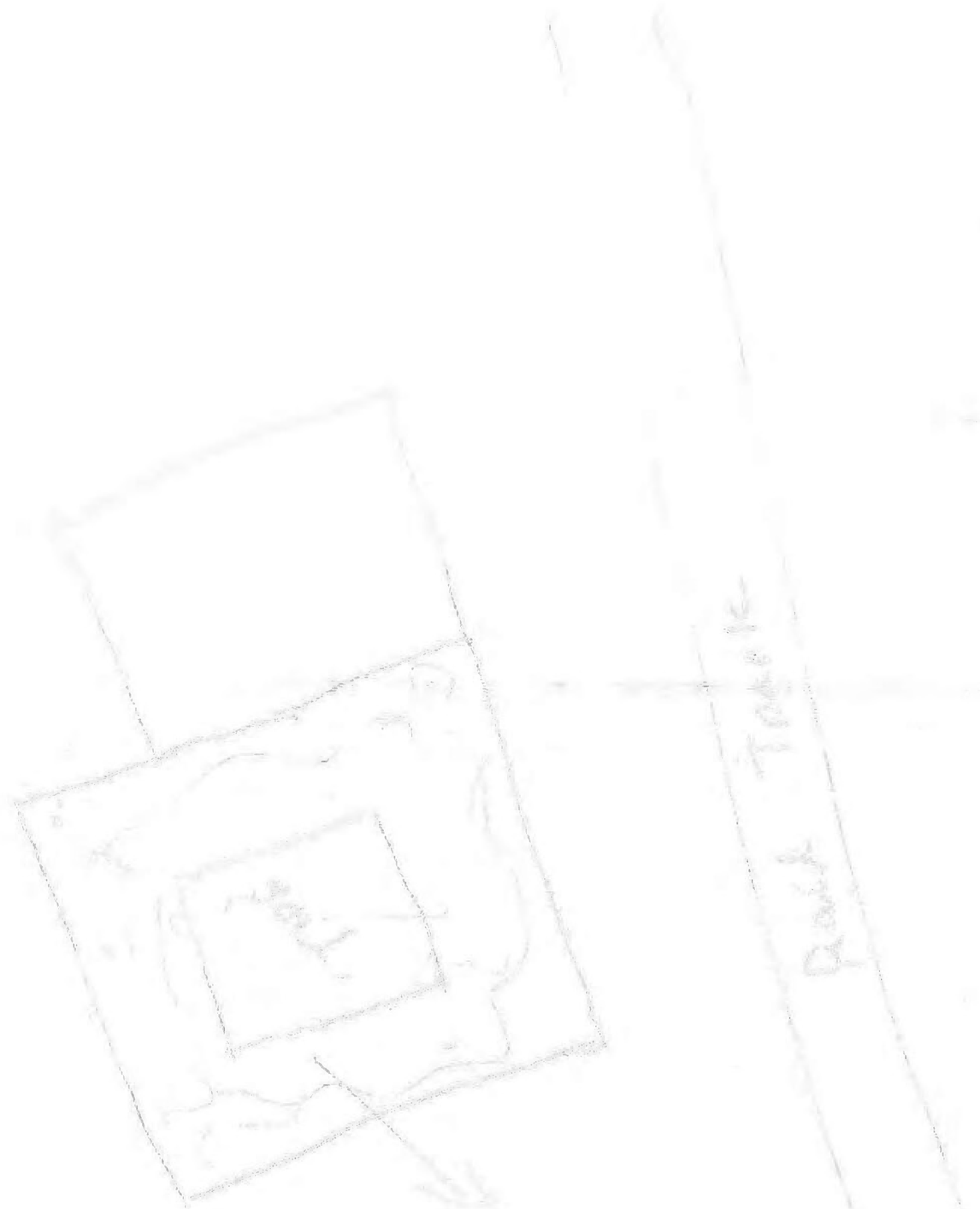
REMARK See attached records used.

CYL. NO.	LAB. ID NO.	TYPE OF FRACTURE	TESTED AT	TOTAL LOAD	PSI	CYL. NO.	LAB. ID NO.	TYPE OF FRACTURE	TESTED AT	TOTAL LOAD	PSI
1.	ANX-1743-15	Broke	3 days	51,500	1,718						
2.	ANX-1743-16	Cone & Shear	7 days	68,560	4,571						
3.	ANX-1743-17		14 days								
4.	ANX-1743-18		28 days								
5.	ANX-1743-19		28 days								

SPECIMEN 6" x 12" CYL. / AREA *3.14 SQ. IN.

Test performed as per A.S.T.M. specifications

T. Ch.



PROJECT:	123 Foundation Road Berkeley Way
DRAWN:	CAPE INC.

ABC CONSULTANTS INC.
1455 Some Street Address
Some Charlotte, ALASKA
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SHEET: C0.41 DATE: 08/29/11

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FILE NO. : ANX-1743 REPORT NO. : 34 DATE : 03/28/2011 PAGE NO. : 1 of 1

CLIENT : Cuba Environmental Inc., 45 Pine Street, Suite - 7-C, Rockaway, NJ 07866 WEATHER : Sunny AIR TEMP. : 65°F

PROJECT : 122, Jackson Ave., Rockaway, NJ FINE AGG. : NA

CONTRACTOR : Abrd Canal COARSE AGG. : NA

CONCRETE SUPPLIER : Joel Taris & Sons Concrete CEMENT BRAND : NA

REPORT OF CONCRETE INSPECTION AND TESTING — C-31

CLASS	4000	PSI		PSI	PLANT	FIELD
CUBIC YD.	DESIGN WEIGHT LBS	ACTUAL WEIGHT LBS	DESIGN WEIGHT LBS	ACTUAL WEIGHT LBS	PREVIOUS YARDAGE	98.00 Cu. yds.
CEMENT					YARDAGE	25.00 Cu. yds.
FINE AGG.					INSPECTED	35.00 Cu. yds.
COARSE AGG.					TOTAL TO DATE	73.00 Cu. yds.
SCARRF AGG.					START	8 : 00 AM
WATER GALS.					FINISH	4 : 30 PM
ADMIX. 02					TO AL. PRE.	6 : 00 Hrs.
					MIXP.	Sort

% PASSING	1½"	1"	¾"	½"	⅜"	#4	#8	#16	#30	#50	#100	#200	F.M.	% EXCESS
FINE AGG.														
COARSE AGG.														
COMBIN. AGG.														

NO. OF CYLS. & CLASS Five (5) cylinders 4000 PSI (AIE) AIR CONTENT (%) (ASTM) 5.5%

SLUMP (ASTM) 4" UNIT WEIGHT (Lbs./ft.³) (ASTM) 142.54 CONC. TEMP (°F.) (ASTM) 50°F

LOCATION Concrete was placed for slab on grade.

REMARK
See Attached Location Plan

CYL. NO.	LAB. ID NO.	TYPE OF FRACTURE	TESTED AT	TOTAL LOAD	PSI*	CYL. NO.	LAB. ID NO.	TYPE OF FRACTURE	TESTED AT	TOTAL LOAD	PSI*
1.	ANX-1743-15	Shear	3 days	24,500	3,716						
2.	ANX-1743-16	Cone & Shear	7 days	36,500	5,372						
3.	ANX-1743-17		14 days								
4.	ANX-1743-18		28 days								
5.	ANX-1743-19		28 days								

SPECIMEN (6" x 12" CYL.) AREA 28.80 SQ. IN.

*Test performed as per A.S.T.M. specifications

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FILE NO. : ANX-1743 REPORT NO. : 04 DATE : 03/29/2011 PAGE NO. 1 of 1

CLIENT : Cape Environmental Inc., 46 Pine Street, Suite - 110, Rockaway, NJ 07866 WEATHER : Sunny AIR TEMP. 48°F

PROJECT : 120, Jackson Ave., Rockaway, NJ FINE AGG. : N/A

CONTRACTOR : Alini Corp. COARSE AGG. : N/A

CONCRETE SUPPLIER : Joel Tarlo & Sons Concrete CEMENT BRAND : N/A

REPORT OF CONCRETE INSPECTION AND TESTING --- 0.01

CLASS	4000	PSI		PSI	PLANT	FIELD
CLASS YD.	DESIGN WEIGHT LBS	PATCH WEIGHT LBS	ACTUAL WEIGHT LBS	ACTUAL WEIGHT LBS	PREVIOUS YARDAGE	48.00 Cu. yds.
CEMENT					YARDAGE	25.00 Cu. yds.
FINE AGG.					INSPECTED	25.00 Cu. yds.
COARSE AGG.					TOTAL TO DATE	73.00 Cu. yds.
COARSE AGG.					START	8 : 00 AM
WATER GALS.					FINISH	4 : 30 PM
ADMIX. DZ./ABA					TOTAL HRS.	8 : 00 Hrs.
ADMIX. DZ.					IN SP.	Sand

% PASSING	100	90	3D	1B	8	4	3/8	16	30	50	100	1K	F.M.	% VOIDS
FINE AGG.														
COARSE AGG.														
COARSE AGG.														

NO. OF CYLS. & CLASS Five (5) cylinders - 4000 PSI (A/E) AIR CONTENT (%) (ASTM C-231) 5.5%

SLUMP (ASTM C-143) 4" DENSITY (Unit. Wt. (ASTM C-138) 146.84 CONC. TEMP (°F) (ASTM C-1064) 60°F

LOCATION Concrete was placed for slab on grade.

REMARK See accompanying location plan.

CYL. NO.	LAB. ID NO.	TYPE OF FRACTURE	TESTED AT	TOTAL LOAD	PSI*	CYL. NO.	LAB. ID NO.	TYPE OF FRACTURE	TESTED AT	TOTAL LOAD	PSI*
1.	ANX-1743-15	Shear	2 days	31,400	1,775						
2.	ANX-1743-16	Cone & Shear	7 days	55,000	3,109						
3.	ANX-1743-17	Cone	14 days	48,000	2,712						
4.	ANX-1743-18		28 days								
5.	ANX-1743-19		56 days								

SPECIMEN (4" x 8" CYL.) AREA 12.56 SQ. IN. TEST performed as per A.S.T.M. specifications * 1 PSI

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FILE NO. : ANX-1743 REPORT NO. : 04 DATE : 09/20/2017 PAGE NO. : 1 of 1

CLIENT : Cape Environmental Inc., 48 Pine Street, Suite - 119, Rockaway, NJ 07866 WEATHER : Sunny AIR TEMP. : 68°F

PROJECT : 122, Jackson Ave., Rockaway, NJ FINE AGG. : N/A

CONTRACTOR : Allini Const COARSE AGG. : N/A

CONCRETE SUPPLIER : Joel Tanis & Sons Concrete CEMENT BRAND : N/A

REPORT OF CONCRETE INSPECTION AND TESTING — C-31

CLASS	4000	PSI		PSI	PLANT	FIELD
MIX/C YD.	DESIGN WEIGHT Lbs	ACTUAL WEIGHT Lbs	DESIGN WEIGHT Lbs	ACTUAL WEIGHT Lbs	PREVIOUS YARDAGE	48.00 Cu. yds.
CEMENT					YARDAGE	24.00 Cu. yds.
FINE AGG.					INSPECTED	36.00 Cu. yds.
COARSE AGG.					TOTAL TO DATE	72.00 Cu. yds.
COARSE AGG.					START	8 : 00 AM
WATER GALS.					FINISH	4 : 30 PM
ADMIX. OZ./ADA					TOTAL HRS.	8 : 30 Hrs.
ADMIX. OZ.					INSP.	Sant

% PASSING	150	90	30	16	8	4	3/8	3/4	3/4	1	1½	F.M.	% MOIST
FINE AGG.													
COARSE AGG.													
COARSE AGG.													

NO. OF CYLS. & CLASS Five (5) cylinders - 4000 PSI (A/E) AIR CONTENT (%) (C-231) 5.5%

SLUMP (C-143) 4" DENSITY (Wgt. lb. (C-138) 149 lbs CONC. TEMP (°F) (C-1064) 68°F

LOCATION Concrete was placed for slab on grade.

REMARK
Now attached location plan.

CYL. NO.	LAB. ID NO.	TYPE OF FRACTURE	TESTED AT	TOTAL LOAD	PSI*	CYL. NO.	LAB. ID NO.	TYPE OF FRACTURE	TESTED AT	TOTAL LOAD	PSI*
1.	ANX-1743-15	Shear	3 days	25,300	1,700						
2.	ANX-1743-16	Cone & Shear	7 days	36,650	2,500						
3.	ANX-1743-17	Cone	14 days	46,830	3,170						
4.	ANX-1743-18		28 days								
5.	ANX-1743-19		28 days								

SPECIMEN (4" x 8") C.S. AREA 12.56 SQ. IN. Tests performed as per A.S.T.M. specifications

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FILE NO. : ANX-1743 REPORT NO. : 04 DATE : 03/28/2011 PAGE NO. 0 of 1

CLIENT : Gaga Environmental Inc., 45 Rice Street, Suite 112, Rockaway, NJ 07866 WEATHER : Sunny AIR TEMP. 45°F

PROJECT : 122, Jackson Ave., Middlesex, NJ FINE AGG. : N/A

CONTRACTOR : Albri Corcat COARSE AGG. : N/A

CONCRETE SUPPLIER : Joel Tanis & Sons Concrete CEMENT BRAND : N/A

REPORT OF CONCRETE INSPECTION AND TESTING — C-31

CLASS	4000 PSI		PSI		PLANT	FIELD
CUBIC YD.	DESIGN WEIGHT LBS	SACKS WEIGHT LBS	DESIGN WEIGHT LBS	SACKS WEIGHT LBS	PREVIOUS YARDAGE	48.00 Cu. yds.
CEMENT					YARDAGE	25.00 Cu. yds.
FINE AGG.					INSPECTED	25.00 Cu. yds.
COARSE AGG.					TOTAL TO DATE	73.00 Cu. yds.
COARSE AGG.					START	8 : 00 AM
WATER GALS.					FINISH	4 : 30 PM
ADMIX. OZ.-AEA					TOTAL HRS.	8 . 00 Hrs.
ADMIX. OZ.					INSP.	Soil

% PASSING	150	80	40	16	8	4	3/8	16	30	1	1½	F.M.	% AIR/BT
FINE AGG.													
COARSE AGG.													
COARSE AGG.													

NO. OF CYLS. & CLASS Five (5) Cylinders - 4000 PSI. (A/E) AIR CONTENT (%) (C-231) 5.0%

SLUMP (C-143) 4" SPECIFIC Grav. G. (C-140) 144.24 CONC. TEMP (°F) (C-1064) 80°F

LOCATION Concrete was placed for slab on grade.

REMARK See attached location plan

CYL. NO.	LAB. ID NO.	TYPE OF FRACTURE	TESTED AT	TOTAL LOAD	PSI*	CYL. NO.	LAB. ID NO.	TYPE OF FRACTURE	TESTED AT	TOTAL LOAD	PSI*
1.	ANX-1743-18	Shear	3 days	20,500	1,750						
2.	ANX-1743-19	Cone & Shear	7 days	28,650	2,375						
3.	ANX-1743-17	Cone	14 days	46,650	3,710						
4.	ANX-1743-20		28 days								
5.	ANX-1743-16		28 days								

SPECIMEN: 6" x 12" CYL.(ASTM C 39) 12.56 SQ. IN. Test performed as per A.S.T.M. specifications T: C-39