



LEGEND:

— — — LIMIT OF DISTURBANCE



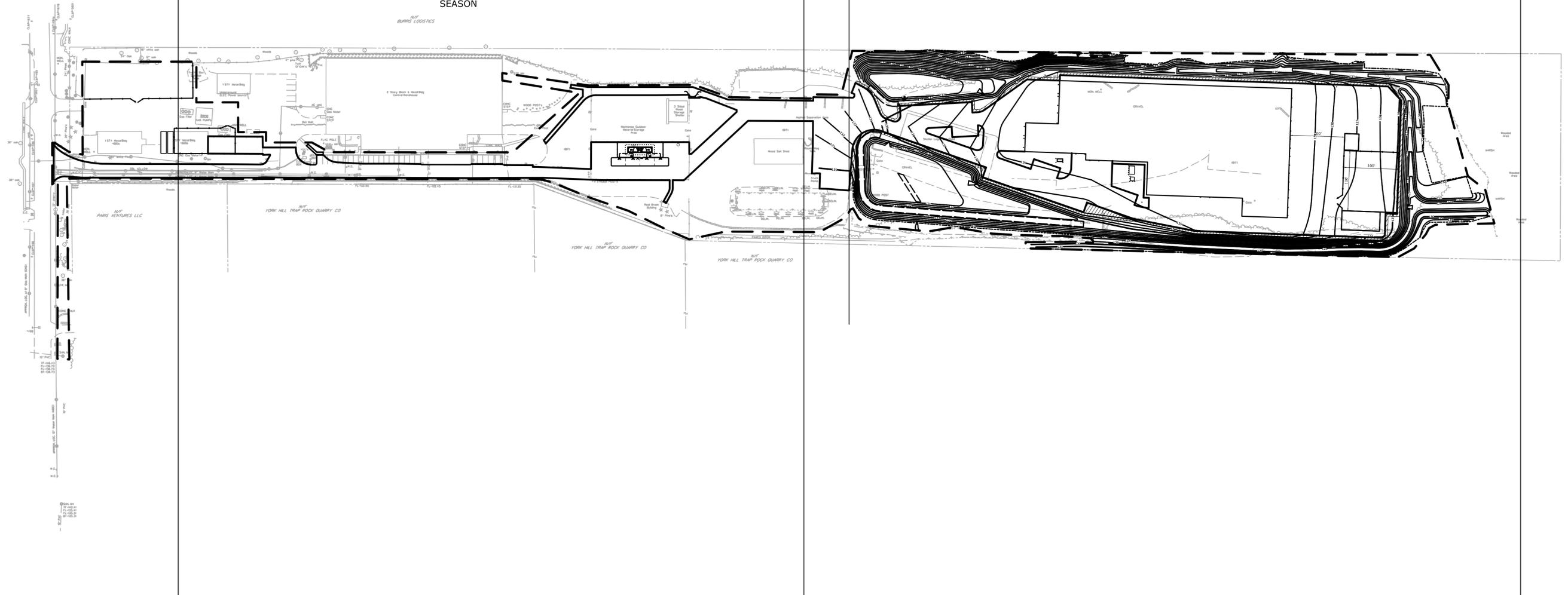
SD-003  
D-002  
C-002  
C-005  
C-012  
C-015  
C-018

SD-004  
D-003  
C-003  
C-006  
C-013  
C-016  
C-019

SD-005  
D-004  
C-004  
C-007  
C-008  
C-011  
C-014  
C-017  
C-020

WORK TO BE PERFORMED AFTER HOURS  
AND OUTSIDE OF THE WINTER STORM  
SEASON

NO WORK HOUR RESTRICTIONS



REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

DESIGNER/DRAFTER:  
**SAH**  
CHECKED BY:  
**AGB**  
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SCALE 1"=100'

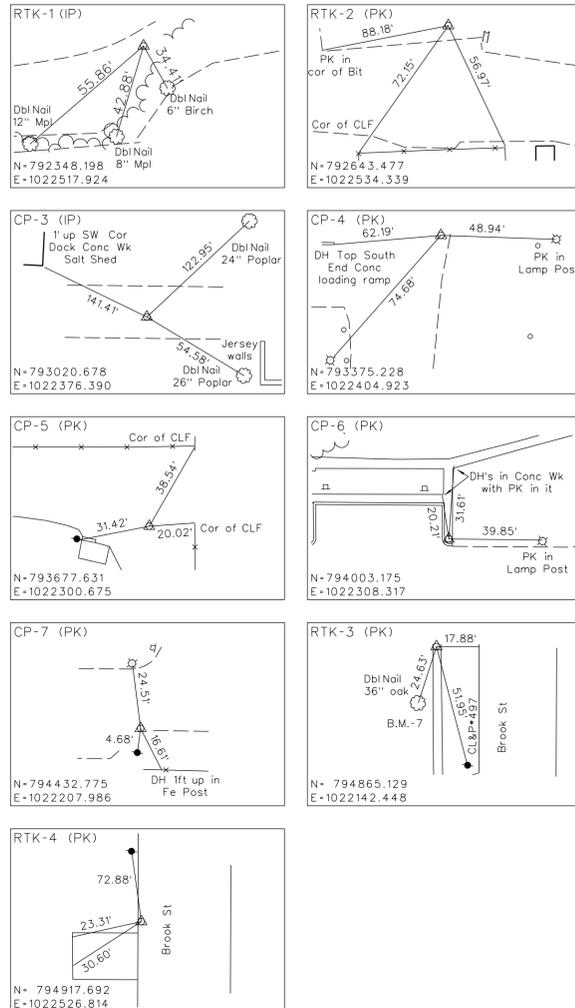


SIGNATURE/  
BLOCK:  
  
Kleinfelder  
500 Enterprise Drive,  
Suite 4B  
Rocky Hill, CT 06067

PROJECT TITLE:  
**REPAIR FACILITY**

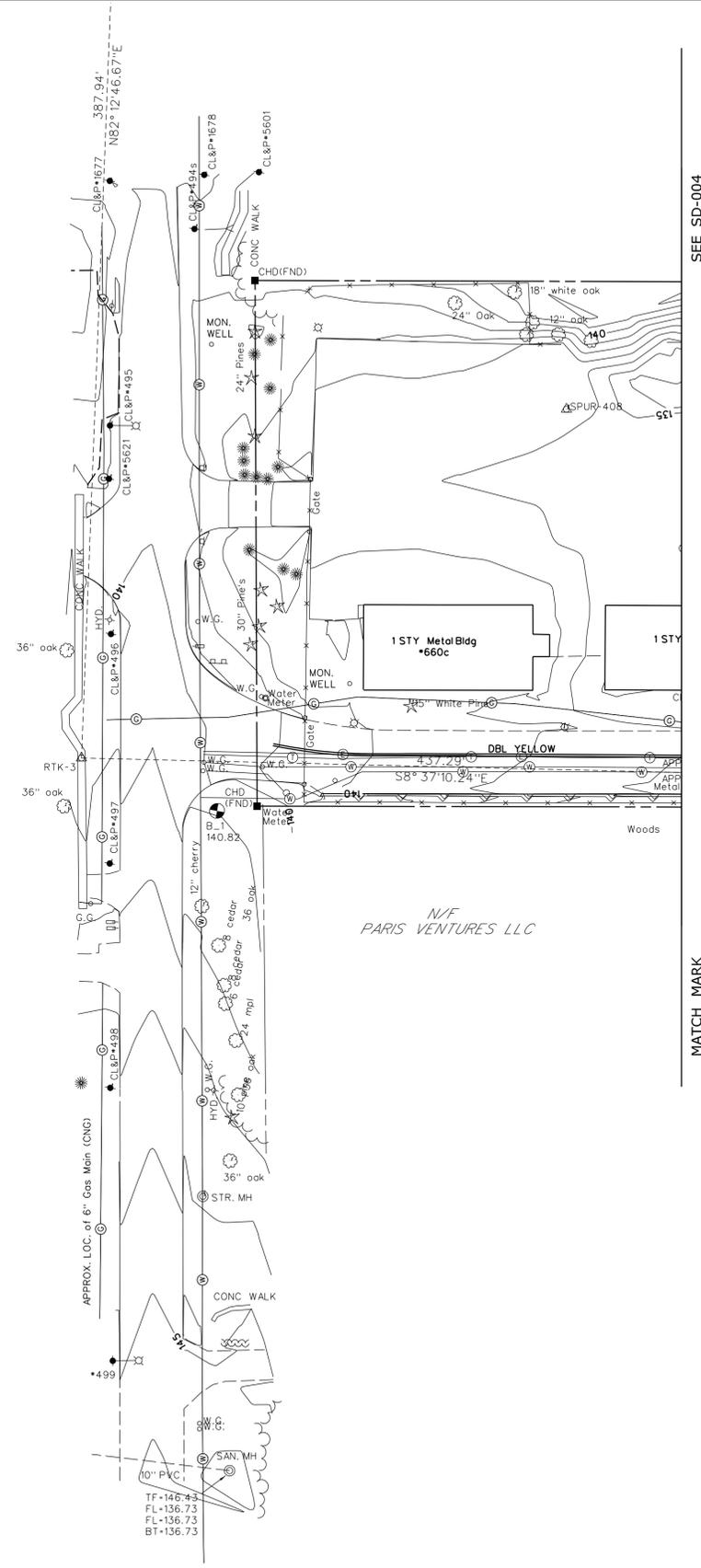
TOWN:  
**ROCKY HILL**  
DRAWING TITLE:  
**INDEX PLAN**

PROJECT NO.  
**118-167**  
DRAWING NO.  
**SD-002**  
SHEET NO.  
**03.02**



**LEGEND**  
 ● BORING LOCATION

**NOTE:**  
 THE SUBSURFACE INFORMATION FURNISHED IS BASED ON THE INTERPRETATION BY THE DEPARTMENT, OF INVESTIGATIONS MADE ONLY AT THE SPECIFIC LOCATIONS INDICATED, AND NO ASSURANCE IS GIVEN THAT THESE CONDITIONS ARE NECESSARILY TYPICAL OF OTHER LOCATIONS OR THAT THEY HAVE REMAINED UNCHANGED SINCE THE FIELD DATA WAS OBTAINED. NO ASSURANCE IS GIVEN THAT THE PRESENCE OR ABSENCE OF WATER IN SUBSURFACE EXPLORATIONS AT THE TIME OF THESE EXPLORATIONS WILL BE REPRESENTATIVE OF ACTUAL CONDITIONS AT THE TIME OF CONSTRUCTION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL ASSUMPTIONS, DEDUCTIONS, OR CONCLUSIONS IT MAY MAKE OR DERIVE FROM ITS EXAMINATION.



REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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DESIGNER/DRAFTER:  
**SAH**  
 CHECKED BY:  
**AGB**  
 SCALE IN FEET  
 0 40 80  
 SCALE 1"=40'



SIGNATURE/BLOCK:  
 Kleinfelder  
 500 Enterprise Drive,  
 Suite 4B  
 Rocky Hill, CT 06067

PROJECT TITLE:  
**REPAIR FACILITY**

TOWN:  
**ROCKY HILL**  
 DRAWING TITLE:  
**EXISTING CONDITIONS & BORING LOCATIONS - 1**

PROJECT NO.  
**118-167**  
 DRAWING NO.  
**SD-003**  
 SHEET NO.  
**03.03**

SEE SD-004  
 MATCH MARK

**NOTE:**

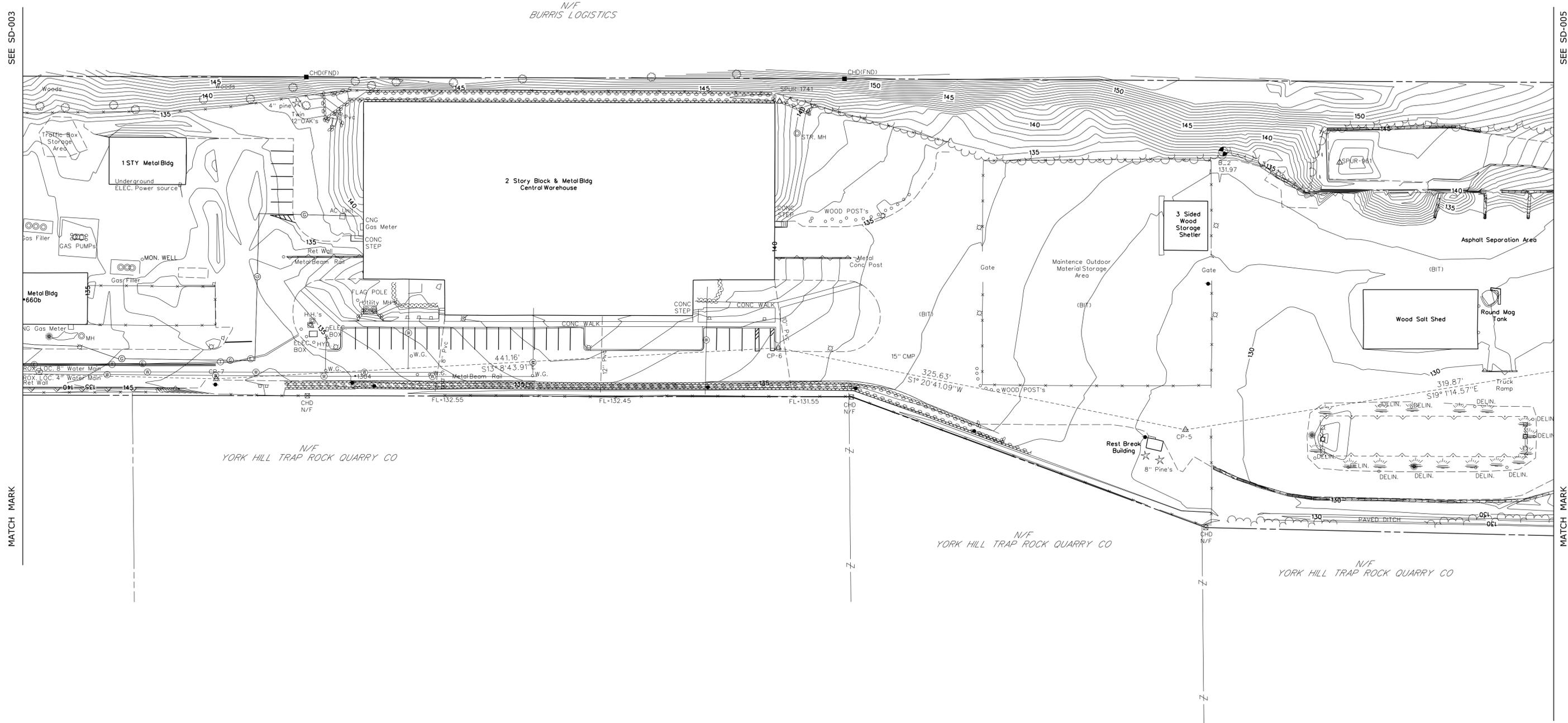
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**LEGEND**

● BORING LOCATION

SEE SD-003



SEE SD-005

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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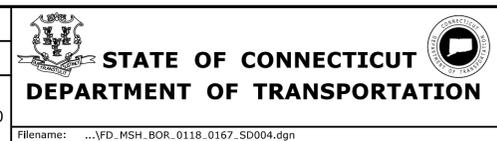
THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

Plotted Date: 10/12/2014

DESIGNER/DRAFTER:  
**SAH**

CHECKED BY:  
**AGB**

SCALE IN FEET  
0 40 80  
SCALE 1"=40'



SIGNATURE/  
BLOCK:

Kleinfelder  
500 Enterprise Drive,  
Suite 4B  
Rocky Hill, CT 06067

PROJECT TITLE:  
**REPAIR FACILITY**

TOWN:  
**ROCKY HILL**

DRAWING TITLE:  
**EXISTING CONDITIONS & BORING LOCATIONS - 2**

PROJECT NO.  
**118-167**

DRAWING NO.  
**SD-004**

SHEET NO.  
**03.04**

LEGEND

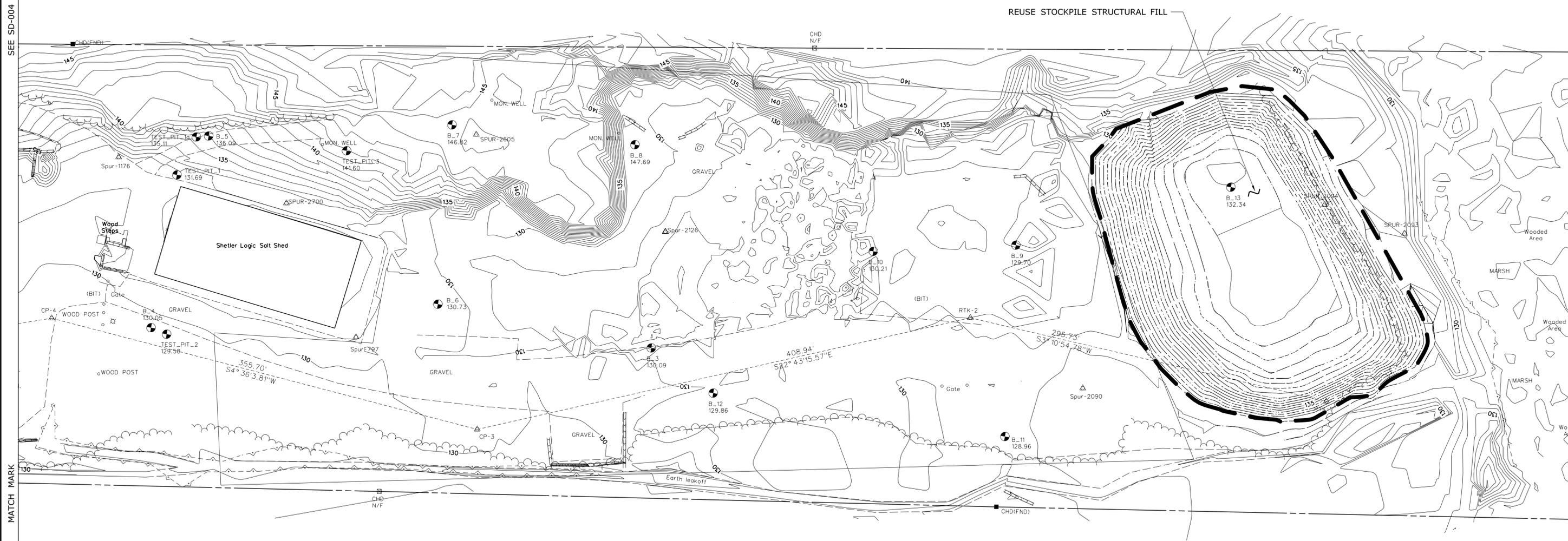
● BORING OR TEST PIT LOCATION



NOTE:

THE SUBSURFACE INFORMATION FURNISHED IS BASED ON THE INTERPRETATION BY THE DEPARTMENT OF INVESTIGATIONS MADE ONLY AT THE SPECIFIC LOCATIONS INDICATED, AND NO ASSURANCE IS GIVEN THAT THESE CONDITIONS ARE NECESSARILY TYPICAL OF OTHER LOCATIONS OR THAT THEY HAVE REMAINED UNCHANGED SINCE THE FIELD DATA WAS OBTAINED. NO ASSURANCE IS GIVEN THAT THE PRESENCE OR ABSENCE OF WATER IN SUBSURFACE EXPLORATIONS AT THE TIME OF THESE EXPLORATIONS WILL BE REPRESENTATIVE OF ACTUAL CONDITIONS AT THE TIME OF CONSTRUCTION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL ASSUMPTIONS, DEDUCTIONS, OR CONCLUSIONS IT MAY MAKE OR DERIVE FROM ITS EXAMINATION.

SEE SD-004



MATCH MARK

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
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Plotted Date: 10/7/2014

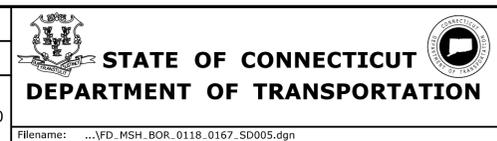
DESIGNER/DRAFTER:  
**SAH**

CHECKED BY:  
**AGB**

SCALE IN FEET

0 40 80

SCALE 1"=40'



SIGNATURE/  
BLOCK:

Kleinfelder  
500 Enterprise Drive,  
Suite 4B  
Rocky Hill, CT 06067

PROJECT TITLE:

**REPAIR FACILITY**

TOWN:  
**ROCKY HILL**

DRAWING TITLE:  
**EXISTING CONDITIONS & BORING LOCATIONS - 3**

PROJECT NO.  
**118-167**

DRAWING NO.  
**SD-005**

SHEET NO.  
**03.05**

NOTE:

1. SURFACE ELEVATIONS SHOWN ON BORING REPORTS WERE DETERMINED AT THE TIME OF BORING CONSTRUCTION AND MAY NOT REPRESENT CURRENT FIELD CONDITIONS.

Connecticut DOT Boring Report										Hole No.:	B 01
Driller: Mike St. John		Inspector: A. Hare, G. Arzt		Town: Rocky Hill		Stat./Offset:		Project No.: 118-167		Start/Finish Dates: 9/16-13	
Engineer: A. Hare		Route No.: NA		Bridge No.: NA		Surface Elevation: 140.82		Project Description: Brook Street Facility		Casing Size/Type: HSA 3-1/4"	
Sampler Type/Size: SS 1-3/8"		Hammer Wt.: 140		Fall: 30in		Core Barrel Type: NA		Groundwater Observations: @10.5 after 0 hours		No. of Soil Samples: 5	
Depth (ft)	Sample Type/No	Blows on Sampler per 6 inches	Pen. (in.)	Rec. (in.)	RQD %	Generalized Strata Description	Material Description and Notes	Elevation (ft)			
0	S-1	5 9 10 12	24	12		TOPSOIL SAND	Topsoil 3", Brown f-c SAND, little silt bottom 7" of sample	-149			
5	S-2	6 4 6 8	24	8			Reddish brown f-c SAND, trace f gravel	-135			
10	S-3	3 3 6 6	24	15			Reddish brown f-c SAND, trace f gravel	-130			
15	S-4	3 5 9 15	24	18			Reddish brown f SAND, little silt	-125			
20	S-5	6 7 8 11	24	22			Reddish brown f SAND, little silt	-120			
25	END OF BORING 22R										
30											
35											
Sample Type: S = Split Spoon C = Core UP = Undisturbed Piston V = Vane Shear Test Proportions Used: Trace = 1 - 10%, Little = 10 - 20%, Some = 20 - 35%, And = 35 - 50%											
Total Penetration in Earth: 22ft Rock: ft No. of Soil Samples: 5 Core Runs: ---											
NOTES: Boring cased at 10.5'											
Sheet 1 of 1 SM-001-M REV. 102											

Connecticut DOT Boring Report										Hole No.:	B 02
Driller: Mike St. John		Inspector: A. Hare, G. Arzt		Town: Rocky Hill		Stat./Offset:		Project No.: 118-167		Start/Finish Dates: 9/16-13	
Engineer: A. Hare		Route No.: NA		Bridge No.: NA		Surface Elevation: 131.87		Project Description: Brook Street Facility		Casing Size/Type: HSA 3-1/4"	
Sampler Type/Size: SS 1-3/8"		Hammer Wt.: 140		Fall: 30in		Core Barrel Type: NA		Groundwater Observations: @11 after 0 hours, @6.5 after 0.5 hours		No. of Soil Samples: 5	
Depth (ft)	Sample Type/No	Blows on Sampler per 6 inches	Pen. (in.)	Rec. (in.)	RQD %	Generalized Strata Description	Material Description and Notes	Elevation (ft)			
0	S-1	5 12 15 16	24	12		SAND	Brown f-c SAND, little f gravel, little silt	-130			
5	S-2	9 10 9 10	24	13			Reddish brown f SAND, tr. silt	-125			
10	S-3	2 4 5 6	24	23			Reddish brown f SAND, tr. silt to 11", reddish brown f sand with little silt bottom of sample	-120			
15	S-4	1 2 4 5	24	22			Reddish brown f SAND, little silt	-115			
20	S-5	3 8 8 12	24	22			Reddish brown f SAND, little silt	-110			
25	END OF BORING 22R										
30											
35											
Sample Type: S = Split Spoon C = Core UP = Undisturbed Piston V = Vane Shear Test Proportions Used: Trace = 1 - 10%, Little = 10 - 20%, Some = 20 - 35%, And = 35 - 50%											
Total Penetration in Earth: 22ft Rock: ft No. of Soil Samples: 5 Core Runs: ---											
NOTES: Boring cased at 5.5'											
Sheet 1 of 1 SM-001-M REV. 102											

Connecticut DOT Boring Report										Hole No.:	B 03
Driller: Mike St. John		Inspector: A. Hare, G. Arzt		Town: Rocky Hill		Stat./Offset:		Project No.: 118-167		Start/Finish Dates: 9/16-13	
Engineer: A. Hare		Route No.: NA		Bridge No.: NA		Surface Elevation: 130.05		Project Description: Brook Street Facility		Casing Size/Type: HSA 3-1/4"	
Sampler Type/Size: SS 1-3/8"		Hammer Wt.: 140		Fall: 30in		Core Barrel Type: NA		Groundwater Observations: @11 after 0 hours, @3.5 after 0.5 hours		No. of Soil Samples: 5	
Depth (ft)	Sample Type/No	Blows on Sampler per 6 inches	Pen. (in.)	Rec. (in.)	RQD %	Generalized Strata Description	Material Description and Notes	Elevation (ft)			
0	S-1	18 14 14 16	24	13		SAND and GRAVEL	Red brown f-c SAND and f GRAVEL, tr. silt	-130			
5	S-2	4 4 6 7	24	16		GRAVELLY SAND	Reddish brown f-c SAND, some f-c gravel, tr. silt	-125			
10	S-3	5 3 11 20	24	15			Reddish brown f-c SAND, some f-c gravel, tr. silt	-120			
15	S-4	12 7 11 14	24	20			Reddish brown f-c SAND, some f-c gravel, tr. silt	-115			
20	S-5	3 8 13 21	24	17		SAND	Reddish brown f SAND, tr. silt	-110			
25	END OF BORING 22R										
30											
35											
Sample Type: S = Split Spoon C = Core UP = Undisturbed Piston V = Vane Shear Test Proportions Used: Trace = 1 - 10%, Little = 10 - 20%, Some = 20 - 35%, And = 35 - 50%											
Total Penetration in Earth: 22ft Rock: ft No. of Soil Samples: 5 Core Runs: ---											
NOTES:											
Sheet 1 of 1 SM-001-M REV. 102											

Connecticut DOT Boring Report										Hole No.:	B 04
Driller: Mike St. John		Inspector: A. Hare, G. Arzt		Town: Rocky Hill		Stat./Offset:		Project No.: 118-167		Start/Finish Dates: 9/16-13	
Engineer: A. Hare		Route No.: NA		Bridge No.: NA		Surface Elevation: 130.05		Project Description: Brook Street Facility		Casing Size/Type: HW 4"	
Sampler Type/Size: SS 1-3/8"		Hammer Wt.: 140		Fall: 30in		Core Barrel Type: NA		Groundwater Observations: @10.5 after 0 hours, @3.5 after 24 hours		No. of Soil Samples: 5	
Depth (ft)	Sample Type/No	Blows on Sampler per 6 inches	Pen. (in.)	Rec. (in.)	RQD %	Generalized Strata Description	Material Description and Notes	Elevation (ft)			
0	S-1	13 16 17 18	24	18		GRAVEL SAND	Gray f-c GRAVEL, overlying Reddish brown f SAND, little silt	-130			
5	S-2	1 1 2 2	24	13			Reddish brown f SAND, tr. silt	-125			
10	S-3	1 4 5 9	24	23			Reddish brown f SAND, tr. silt	-120			
15	S-4	1 3 4 6	24	19			Reddish brown f SAND, tr. silt	-115			
20	S-5	3 5 7 9	24	22			Reddish brown f SAND, tr. silt	-110			
25	END OF BORING 22R										
30											
35											
Sample Type: S = Split Spoon C = Core UP = Undisturbed Piston V = Vane Shear Test Proportions Used: Trace = 1 - 10%, Little = 10 - 20%, Some = 20 - 35%, And = 35 - 50%											
Total Penetration in Earth: 22ft Rock: ft No. of Soil Samples: 5 Core Runs: ---											
NOTES: Monitoring well installed, 0.10" slot-screen 2" PVC 0-10', packed with NJ #2 Sand.											
Sheet 1 of 1 SM-001-M REV. 102											

Connecticut DOT Boring Report										Hole No.:	B 05
Driller: Mike St. John		Inspector: A. Hare, G. Arzt		Town: Rocky Hill		Stat./Offset:		Project No.: 118-167		Start/Finish Dates: 9/16-13	
Engineer: A. Hare		Route No.: NA		Bridge No.: NA		Surface Elevation: 138.09		Project Description: Brook Street Facility		Casing Size/Type: HW 4"	
Sampler Type/Size: SS 1-3/8"		Hammer Wt.: 300lb		Fall: 24in		Core Barrel Type: NA		Groundwater Observations: @12 after 0 hours, @10 after 24 hours		No. of Soil Samples: 5	
Depth (ft)	Sample Type/No	Blows on Sampler per 6 inches	Pen. (in.)	Rec. (in.)	RQD %	Generalized Strata Description	Material Description and Notes	Elevation (ft)			
0	S-1	4 7 4 8	24	3		SAND	Brown f-c SAND, little silt	-135			
5	S-2	8 12 12 12	24	15			Reddish brown f SAND, tr. silt	-130			
10	S-3	9 15 17 19	24	21			Reddish brown f SAND, tr. silt	-125			
15	S-4	2 7 11 23	24	23			Reddish brown f SAND, tr. silt	-120			
20	S-5	1 3 7 7	24	18			Reddish brown f SAND, tr. silt	-115			
25	END OF BORING 22R										
30											
35											
Sample Type: S = Split Spoon C = Core UP = Undisturbed Piston V = Vane Shear Test Proportions Used: Trace = 1 - 10%, Little = 10 - 20%, Some = 20 - 35%, And = 35 - 50%											
Total Penetration in Earth: 22ft Rock: ft No. of Soil Samples: 5 Core Runs: ---											
NOTES: Boring cased at 10', Monitoring well installed, 0.10" slot-screen 2" PVC 0-10', solid 2" PVC 0-9', packed with NJ #2 Sand.											
Sheet 1 of 1 SM-001-M REV. 102											

Connecticut DOT Boring Report										Hole No.:	B 06
Driller: Mike St. John		Inspector: Glenn L. Arzt		Town: Rocky Hill		Stat./Offset:		Project No.: 118-167		Start/Finish Dates: 9/16-13	
Engineer: A. Hare		Route No.: NA		Bridge No.: NA		Surface Elevation: 130.73		Project Description: Brook Street Facility		Casing Size/Type: NW 3"	
Sampler Type/Size: SS 1-3/8"		Hammer Wt.: 300lb		Fall: 24in		Core Barrel Type: NA		Groundwater Observations: @9 after 0 hours, @5 after 0.5 hours		No. of Soil Samples: 7	
Depth (ft)	Sample Type/No	Blows on Sampler per 6 inches	Pen. (in.)	Rec. (in.)	RQD %	Generalized Strata Description	Material Description and Notes	Elevation (ft)			
0	S-1	20 21 10 11	24	17		SAND	Brown f-c SAND, some f gravel	-130			
5	S-2	6 17 14 11	24	15			Reddish brown f-c SAND, tr. f gravel, tr. silt	-125			
10	S-3	16 15 22 34	24	12			Reddish brown f-c SAND, tr. f gravel, tr. silt	-120			
15	S-4	11 10 6 6	24	1			1" dia. gravel	-115			
20	S-5	23 27 29 28	24	18			Reddish brown f-c SAND, tr. f gravel, tr. silt	-110			
25	S-6	5 3 3 4	24	20			Reddish brown f SAND, little silt	-105			
30	S-7	6 9 9 10	24	15			Reddish brown f SAND, little silt	-100			
35	END OF BORING 32R										
Sample Type: S = Split Spoon C = Core UP = Undisturbed Piston V = Vane Shear Test Proportions Used: Trace = 1 - 10%, Little = 10 - 20%, Some = 20 - 35%, And = 35 - 50%											
Total Penetration in Earth: 32ft Rock: ft No. of Soil Samples: 7 Core Runs: ---											
NOTES: Boring cased at 6'											
Sheet 1 of 1 SM-001-M REV. 102											

Connecticut DOT Boring Report										Hole No.:	B 07
Driller: Mike St. John		Inspector: Glenn L. Arzt		Town: Rocky Hill		Stat./Offset:		Project No.: 118-167		Start/Finish Dates: 9/17-13	
Engineer: A. Hare		Route No.: NA		Bridge No.: NA		Surface Elevation: 148.82		Project Description: Brook Street Facility		Casing Size/Type: NW 3"	
Sampler Type/Size: SS 1-3/8"		Hammer Wt.: 300lb		Fall: 24in		Core Barrel Type: NA		Groundwater Observations: @20.5 after 0 hours		No. of Soil Samples: 7	
Depth (ft)	Sample Type/No	Blows on Sampler per 6 inches	Pen. (in.)	Rec. (in.)	RQD %	Generalized Strata Description	Material Description and Notes	Elevation (ft)			
0	S-1	13 12 19 22	24	12		TOPSOIL SAND	Topsoil 3" overlying Brown f-c SAND, tr. f gravel, tr. silt	-145			
5	S-2	5 10 8 17	24	20		GRAVELLY SAND	Reddish brown f SAND, tr. silt	-140			
10	S-3	10 16 16 17	24	24			Reddish brown f-c SAND, some f-c gravel, tr. silt	-135			
15	S-4	25 19 11 12	24	7			Reddish brown f-c SAND, some f-c gravel, tr. silt	-130			
20	S-5	16 13 9 13	24	12			Reddish brown f-c SAND, some f-c gravel, tr. silt	-125			
25	S-6	15 10 8 9	24	15			Reddish brown f-c SAND, some f-c gravel, tr. silt	-120			
30	S-7	18 14 11 9	24	10			Reddish brown f-c SAND, some f-c gravel, tr. silt	-115			
35	END OF BORING 32R										
Sample Type: S = Split Spoon C = Core UP = Undisturbed Piston V = Vane Shear Test Proportions Used: Trace = 1 - 10%, Little = 10 - 20%, Some = 20 - 35%, And = 35 - 50%											
Total Penetration in Earth: 32ft Rock: ft No. of Soil Samples: 7 Core Runs: ---											
NOTES:											
Sheet 1 of 1 SM-001-M REV. 102											

Connecticut DOT Boring Report										Hole No.:	B 08
Driller: Mike St. John		Inspector: Glenn L. Arzt		Town: Rocky Hill		Stat./Offset:		Project No.: 118-167		Start/Finish Dates: 9/17-13	
Engineer: A. Hare		Route No.: NA		Bridge No.: NA		Surface Elevation: 147.69		Project Description: Brook Street Facility		Casing Size/Type: NW 3"	
Sampler Type/Size: SS 1-3/8"		Hammer Wt.: 300lb		Fall: 24in		Core Barrel Type: NA		Groundwater Observations: @21.5 after 0 hours		No. of Soil Samples: 7	
Depth (ft)	Sample Type/No	Blows on Sampler per 6 inches	Pen. (in.)	Rec. (in.)	RQD %	Generalized Strata Description	Material Description and Notes	Elevation (ft)			
0	S-1	8 8 10 6	24	15		TOPSOIL MISC. FILL	Topsoil 5" overlying Brown f-c SAND, tr. silt	-145			
5	S-2	14 23 20 20	24	20			Brown f-c SAND, cinders, pavement, wood, FILL	-140			
10	S-3	4 5 6 12	24	21			Brown f-c SAND, cinders, pavement, wood, FILL	-135			
15	S-4	14 13 20 54	24	10			Brown f-c SAND, cinders, pavement, wood, FILL	-130			
20	S-5	18 9 8 8	24	12		SAND	Wood 3", overlying Reddish brown f-c SAND, tr. silt, tr. f gravel	-125			
25	S-6	8 6 8 9	24	0			No recovery.	-120			
30	S-7	8 5 6 13	24	13			Reddish brown f-c SAND, tr. silt, tr. f gravel	-115			
35	END OF BORING 32R										
Sample Type: S = Split Spoon C = Core UP = Undisturbed Piston V = Vane Shear Test Proportions Used: Trace = 1 - 10%, Little = 10 - 20%, Some = 20 - 35%, And = 35 - 50%											
Total Penetration in Earth: 32ft Rock: ft No. of Soil Samples: 7 Core Runs: ---											
NOTES: Boring cased at 21.5'											
Sheet 1 of 1 SM-001-M REV. 102											

REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 10/8/2014
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-	-	-	-	-
-	-	-	-	-

DESIGNER/DRAFTER:  
**SAH**  
CHECKED BY:  
**AGB**



SIGNATURE/BLOCK:  
Kleinfelder  
500 Enterprise Drive,  
Suite 4B  
Rocky Hill, CT 06067

PROJECT TITLE:  
**REPAIR FACILITY**

TOWN:  
**ROCKY HILL**

DRAWING TITLE:  
**BORING LOGS - 1**

PROJECT NO.:  
**118-167**

DRAWING NO.:  
**SD-006**

SHEET NO.:  
**03.06**

Driller: Mike St. John		Connecticut DOT Boring Report		Hole No.: B 09			
Inspector: Glenn L. Arzt	Town: Rocky Hill	Start/Offset:					
Engineer: A. Hare	Project No.: 118-167	Northing: 792817.431					
Start Date: 9-18-13	Route No.: NA	Easting: 102258.479					
Finish Date: 9-18-13	Bridge No.: NA	Surface Elevation: 129.70					
Project Description: Brook Street Facility							
Casing Size/Type: NW 3"	Sampler Type/Size: SS 1-3/8"	Core Barrel Type: NA					
Hammer Wt.: 300 lb	Fal.: 24 in.	Hammer Wt.: 140 lb	Fal.: 30 in.				
Groundwater Observations: @7' after 0 hours, @3.5' after 0.5 hours							
Depth (ft)	Sample Type/No	Blows on Sampler per 6 inches	Pen. (in.)	Rec. (in.)	RQD %	Material Description and Notes	Elevation (ft)
0	S-1	14 11 11 13	24	20		MISC. FILL	130
						SAND	
5	S-2	2 2 3 4	24	17		Reddish brown f SAND, tr. silt, tr. f gravel	125
10	S-3	13 9 7 12	24	15		Reddish brown f SAND, tr. silt, tr. f gravel	120
15	S-4	9 7 8 8	24	13		Reddish brown f SAND, tr. silt, tr. f gravel	115
20	S-5	3 17 18 19	24	23		Reddish brown f-c SAND, little f gravel, tr. silt	110
25	S-6	7 8 12 13	24	14		Reddish brown f-c SAND, little f gravel, tr. silt	105
30	S-7	20 18 19 20	24	19		Reddish brown f-c SAND, little f gravel, tr. silt	100
35	END OF BORING 32ft						95
Sample Type: S = Split Spoon C = Core UP = Undisturbed Piston V = Vane Shear Test Proportions Used: Trace = 1 - 10%, Little = 10 - 20%, Some = 20 - 35%, And = 35 - 50%							
Total Penetration in Earth: 32ft		Rock: ft		Sheet 1 of 1			
No. of Soil Samples: 7	No. of Core Runs: ---			SM-001-M REV. 102			

Driller: Mike St. John		Connecticut DOT Boring Report		Hole No.: B 10			
Inspector: Glenn L. Arzt	Town: Rocky Hill	Start/Offset:					
Engineer: A. Hare	Project No.: 118-167	Northing: 792730.115					
Start Date: 9-19-13	Route No.: NA	Easting: 102253.639					
Finish Date: 9-19-13	Bridge No.: NA	Surface Elevation: 130.21					
Project Description: Brook Street Facility							
Casing Size/Type: NW 3"	Sampler Type/Size: SS 1-3/8"	Core Barrel Type: NA					
Hammer Wt.: 300 lb	Fal.: 24 in.	Hammer Wt.: 140 lb	Fal.: 30 in.				
Groundwater Observations: @6' after 0 hours, @3' after 0.5 hours							
Depth (ft)	Sample Type/No	Blows on Sampler per 6 inches	Pen. (in.)	Rec. (in.)	RQD %	Material Description and Notes	Elevation (ft)
0						PAVEMENT STRUCTURE SAND	130
5	S-1	19 21 22 30	24	18		Reddish brown f SAND, little silt	125
10	S-2	12 8 8 9	24	18		Reddish brown f-c SAND, tr. silt	120
15	S-3	18 13 6 6	24	17		Reddish brown f-c SAND, tr. silt	115
20	S-4	3 4 4 5	24	12		Reddish brown f SAND, tr. silt	110
25	S-5	9 10 16 16	24	12		Reddish brown f SAND, tr. silt	105
30	S-6	4 7 10 11	24	23		Reddish brown f SAND, tr. silt	100
35	S-7	6 8 8 8	24	15		Reddish brown f SAND, tr. silt	95
35	END OF BORING 32ft						90
Sample Type: S = Split Spoon C = Core UP = Undisturbed Piston V = Vane Shear Test Proportions Used: Trace = 1 - 10%, Little = 10 - 20%, Some = 20 - 35%, And = 35 - 50%							
Total Penetration in Earth: 32ft		Rock: ft		Sheet 1 of 1			
No. of Soil Samples: 7	No. of Core Runs: ---			SM-001-M REV. 102			

Driller: Mike St. John		Connecticut DOT Boring Report		Hole No.: B 11			
Inspector: Glenn L. Arzt	Town: Rocky Hill	Start/Offset:					
Engineer: A. Hare	Project No.: 118-167	Northing: 792596.321					
Start Date: 9-19-13	Route No.: NA	Easting: 102244.812					
Finish Date: 9-18-13	Bridge No.: NA	Surface Elevation: 128.96					
Project Description: Brook Street Facility							
Casing Size/Type: NW 3"	Sampler Type/Size: SS 1-3/8"	Core Barrel Type: NA					
Hammer Wt.: 300 lb	Fal.: 24 in.	Hammer Wt.: 140 lb	Fal.: 30 in.				
Groundwater Observations: @6' after 0 hours, @3' after 0.5 hours							
Depth (ft)	Sample Type/No	Blows on Sampler per 6 inches	Pen. (in.)	Rec. (in.)	RQD %	Material Description and Notes	Elevation (ft)
0	S-1	7 8 17 20	24	18		SAND	125
5	S-2	5 5 4 8	24	19		GRAVELLY SAND	120
10	S-3	4 5 4 5	24	6		SAND	115
15	S-4	6 5 5 5	24	9		Reddish brown f SAND, tr. silt	110
20	S-5	4 5 6 7	24	13		Reddish brown f SAND, tr. silt	105
25	S-6	10 11 13 7	24	11		Reddish brown f SAND, tr. silt	100
30	S-7	7 9 11 13	24	18		Reddish brown f SAND, tr. silt	95
35	END OF BORING 32ft						90
Sample Type: S = Split Spoon C = Core UP = Undisturbed Piston V = Vane Shear Test Proportions Used: Trace = 1 - 10%, Little = 10 - 20%, Some = 20 - 35%, And = 35 - 50%							
Total Penetration in Earth: 32ft		Rock: ft		Sheet 1 of 1			
No. of Soil Samples: 7	No. of Core Runs: ---			SM-001-M REV. 102			

Driller: Mike St. John		Connecticut DOT Boring Report		Hole No.: B 12			
Inspector: Glenn L. Arzt	Town: Rocky Hill	Start/Offset:					
Engineer: A. Hare	Project No.: 118-167	Northing: 792837.769					
Start Date: 9-19-13	Route No.: NA	Easting: 102248.352					
Finish Date: 9-18-13	Bridge No.: NA	Surface Elevation: 129.86					
Project Description: Brook Street Facility							
Casing Size/Type: NW 3"	Sampler Type/Size: SS 1-3/8"	Core Barrel Type: NA					
Hammer Wt.: 300 lb	Fal.: 24 in.	Hammer Wt.: 140 lb	Fal.: 30 in.				
Groundwater Observations: @4' after 0 hours, @3.833' after 0.5 hours							
Depth (ft)	Sample Type/No	Blows on Sampler per 6 inches	Pen. (in.)	Rec. (in.)	RQD %	Material Description and Notes	Elevation (ft)
0	S-1	16 13 13 12	24	18		MISC. FILL	125
5	S-2	1 1 1 2	24	22		GRAVELLY SAND	120
10	S-3	3 4 4 6	24	12		SAND	115
15	S-4	8 8 6 6	24	4		Reddish brown f SAND, tr. silt	110
20	S-5	3 3 5 9	24	12		Reddish brown f SAND, tr. silt	105
25	S-6	9 9 17 12	24	15		Reddish brown f SAND, tr. silt	100
30	S-7	2 5 9 11	24	18		Reddish brown f SAND, tr. silt	95
35	END OF BORING 32ft						90
Sample Type: S = Split Spoon C = Core UP = Undisturbed Piston V = Vane Shear Test Proportions Used: Trace = 1 - 10%, Little = 10 - 20%, Some = 20 - 35%, And = 35 - 50%							
Total Penetration in Earth: 32ft		Rock: ft		Sheet 1 of 1			
No. of Soil Samples: 7	No. of Core Runs: ---			SM-001-M REV. 102			

Driller: Mike St. John		Connecticut DOT Boring Report		Hole No.: B 13			
Inspector: Glenn L. Arzt	Town: Rocky Hill	Start/Offset:					
Engineer: A. Hare	Project No.: 118-167	Northing: 792454.266					
Start Date: 9-18-13	Route No.: NA	Easting: 1022674.764					
Finish Date: 9-18-13	Bridge No.: NA	Surface Elevation: 132.34					
Project Description: Brook Street Facility							
Casing Size/Type: NW 3"	Sampler Type/Size: SS 1-3/8"	Core Barrel Type: NA					
Hammer Wt.: 300 lb	Fal.: 24 in.	Hammer Wt.: 140 lb	Fal.: 30 in.				
Groundwater Observations: @10' after 0 hours, @7' after 0.5 hours							
Depth (ft)	Sample Type/No	Blows on Sampler per 6 inches	Pen. (in.)	Rec. (in.)	RQD %	Material Description and Notes	Elevation (ft)
0	S-1	7 12 11 11	24	18		MISC. FILL	130
						SAND	
5	S-2	4 5 8 10	24	17		Reddish brown f SAND, little silt	125
10	S-3	3 4 6 7	24	18		Reddish brown f SAND, little silt	120
15	S-4	7 6 8 11	24	14		Reddish brown f SAND, little silt	115
20	S-5	5 5 7 8	24	11		Reddish brown f SAND, little silt	110
25	S-6	7 7 12 12	24	14		Reddish brown f SAND, little silt	105
30	S-7	12 17 27 38	24	15		Reddish brown f SAND, little silt	100
35	END OF BORING 32ft						95
Sample Type: S = Split Spoon C = Core UP = Undisturbed Piston V = Vane Shear Test Proportions Used: Trace = 1 - 10%, Little = 10 - 20%, Some = 20 - 35%, And = 35 - 50%							
Total Penetration in Earth: 32ft		Rock: ft		Sheet 1 of 1			
No. of Soil Samples: 7	No. of Core Runs: ---			SM-001-M REV. 102			

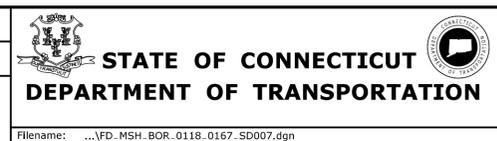
CONNECTICUT DEPARTMENT OF TRANSPORTATION SOILS AND FOUNDATIONS									
REPORT OF BAR SOUNDINGS AND TEST PITS									
TOWN		PROJECT NAME		LINE		PROJECT NO.			
ROCKY HILL		BROOK STREET FACILITY				0118-0167			
DRILLER		INSPECTOR		DATE FINISHED		FOR			
NEBC, M. ST. JOHN		B. MCKERNAN		9/20/2013		DOT			
CONTRACTING ENGINEER									
Station	Offset From B. L.	Offset From C. L.	Depth Probed (ft.)	Soil Strata (ft.) in Test Pits	Remarks	(Include: Depth to Groundwater, Size of Augers Used, Description of Soil in Auger Holes, Depth of Auger Samples.)			
TP-1	(Near NE corner of salt shed)		5.5	0.0 - 1.0 1.0 - 5.5	Black f-c SAND, tr. Silt Reddish brown f-c SAND, tr. Silt GW encountered at 5' after 0.5 hr.				
TP-1A	(Located near Boring B-5)		5	0 - 5	Reddish brown f-c SAND, tr. Silt GW not encountered.				
TP-2	(Located near Boring B-4)		4	0 - 1.25 1.25 - 4	Black f-c SAND, some f-c gravel, little silt Reddish brown f-c SAND, tr. f-c gravel, tr. silt GW encountered at 3.3' after 1 hr.				
TP-3	(Located south of Boring B-5)		4.5	0 - 4.5	Reddish brown f-c SAND, tr. f-c gravel, tr. silt GW not encountered. Infiltration test: 7" dia. Holes, 8" depth 6" depth H2O Test 1: Water gone in 3 min. Test 2: Water gone in 4 min. Test 3: Water gone in 4 min. Test 4: Water gone in 3 min. Test 5: Water gone in 3 min, 45 sec.				

NOTE:  
1. SURFACE ELEVATIONS SHOWN ON BORING REPORTS WERE DETERMINED AT THE TIME OF BORING CONSTRUCTION AND MAY NOT REPRESENT CURRENT FIELD CONDITIONS.

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-
-	-	-	-

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

DESIGNER/DRAFTER:  
**SAH**  
CHECKED BY:  
**AGB**



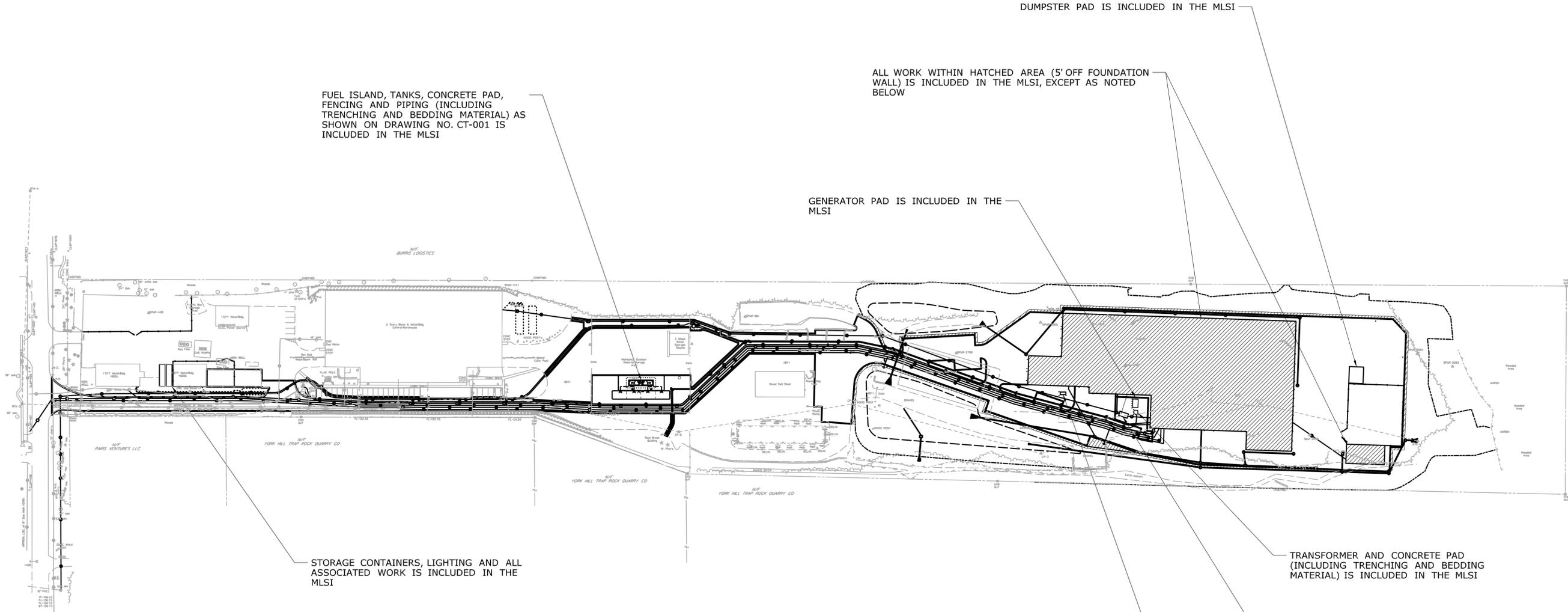
SIGNATURE/BLOCK:  
Kleinfelder  
500 Enterprise Drive,  
Suite 4B  
Rocky Hill, CT 06067

PROJECT TITLE:  
**REPAIR FACILITY**

TOWN:  
**ROCKY HILL**  
DRAWING TITLE:  
**BORING LOGS - 2**

PROJECT NO.:  
**118-167**  
DRAWING NO.:  
**SD-007**  
SHEET NO.:  
**03.07**

ALL ELECTRICAL AND COMMUNICATION SITE WORK, INCLUDING TRENCHING, BACKFILLING, AND CONCRETE DUCTBANK ENCASEMENT, IS INCLUDED IN THE MLSI.



**NOTES:**

1. THE FOLLOWING LIST OF ITEMS ARE NOT INCLUDED UNDER THE MAJOR LUMP SUM ITEM AND SHALL BE PAID FOR ON A UNIT PRICE BASIS, AS SPECIFIED UNDER FORM 816 SPECIFICATIONS OR SPECIAL PROVISIONS:

- REUSE STOCKPILE STRUCTURAL FILL.
- GRANULAR FILL UNDER FOOTINGS AND SLABS.
- FULL DEPTH AND PARTIAL DEPTH BITUMINOUS PAVEMENT AND BITUMINOUS CONCRETE LIP CURB.
- GATES, BOLLARDS AND PAVEMENT MARKINGS.
- ALL SANITARY SEWER (INCLUDING FORCE MAIN) AND ACCESSORIES OUTSIDE THE HATCHED OUTLINE, INCLUDING ASSOCIATED TRENCH EXCAVATION AND BEDDING MATERIAL.
- ALL WATER SERVICE PIPING AND ACCESSORIES OUTSIDE THE HATCHED OUTLINE INCLUDING ASSOCIATED TRENCH EXCAVATION AND BEDDING MATERIAL.
- EXCAVATION, BEDDING MATERIAL, AND BACKFILL FOR INSTALLATION OF GAS SERVICE.
- DEMOLITION.

2. REMOVAL OF FENCE, GATES, METAL BEAM RAIL AND WOOD POSTS AND PRECAST CONCRETE BARRIERS WILL BE INCLUDED UNDER CLEARING AND GRUBBING. THERE WILL BE NO ADDITIONAL COMPENSATION FOR THIS WORK.

3. REMOVAL OF ALL BITUMINOUS CONCRETE PAVEMENT AND CURBING TO BE PAID FOR UNDER TRENCH EXCAVATION.

4. MANHOLES (OR PORTIONS THEREOF) THAT OCCUR WITHIN 5 FEET OFF THE REPAIR FACILITY FOUNDATION WALL SHALL BE PAID UNDER APPROPRIATE UNIT PRICE ITEM.

REV.	DATE	REVISION DESCRIPTION	SHEET NO.
-	-	-	-
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-	-	-	-
-	-	-	-

THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.

DESIGNER/DRAFTER:  
**SAH**  
CHECKED BY:  
**AGB**  
SCALE IN FEET  
0 100 200  
SCALE 1"=100'



SIGNATURE/  
BLOCK:  
  
Kleinfelder  
500 Enterprise Drive,  
Suite 4B  
Rocky Hill, CT 06067

PROJECT TITLE:  
**REPAIR FACILITY**

TOWN:  
**ROCKY HILL**  
DRAWING TITLE:  
**PAY LIMIT FOR MAJOR LUMP SUM ITEMS**

PROJECT NO.  
**118-167**  
DRAWING NO.  
**SD-008**  
SHEET NO.  
**03.08**