



DRAFT TEST PIT T100

PROJECT NAME: Merritt Road Retail Park

PROJECT NUMBER: 075804.00

CLIENT: Eyde Company

PROJECT LOCATION: East Lansing, Michigan

DATE STARTED: 1/11/17

COMPLETED: 1/11/17

EXCAVATION METHOD: Test Pit

CONTRACTOR: MLS Excavating

EQUIPMENT: Deere-310SG

LOGGED BY: JSW

CHECKED BY: BLE

ELEVATION (FEET)	DEPTH (FEET)	SYMBOLIC PROFILE	PROFILE DESCRIPTION	SAMPLE TYPE/NO. INTERVAL	BLOWS PER SIX INCHES	DYNAMIC CONE PENETROMETER (DCP) -- ○	DRY DENSITY (pcf) -- ■			▽ HAND PENE. <input checked="" type="checkbox"/> TORVANE SHEAR <input type="checkbox"/> UNC. COMP. <input type="checkbox"/> VANE SHEAR (PK) <input type="checkbox"/> VANE SHEAR (REM) <input type="checkbox"/> TRIAXIAL (UU) SHEAR STRENGTH (KSF)	REMARKS
							90	100	110		
850	0		SURFACE ELEVATION: 850± FT								
		x	FILL- Fine to Medium SILTY SAND- Trace Clay and Gravel- Brown- Moist (SM)								
			1.2 848.8								
		x	FILL- Fine to Coarse SAND- Little Fly Ash Debris- Landfill Debris Layers- Hydrocarbon Odor- Black - Moist to Wet (SP)								
845	5	▽									
			5.0 845.0								
		x	FILL- LEAN CLAY- Some Construction Debris (Wood, Concrete Slabs)- Brown and Black (CL)								
840	10										
			11.0 839.0								
			END OF TEST PIT AT 11.0 FEET.								
835	15										

GROUNDWATER & BACKFILL INFORMATION		
	DEPTH (FT)	ELEV (FT)
▽ DURING EXCAVATION:	5.0	845.0
▽ AT END OF EXCAVATION:	5.0	845.0
BACKFILL METHOD: Excavation Spoils		

NOTES: 1. The indicated stratification lines are approximate. In situ, the transition between materials may be gradual.
 2. Metallic contaminate staining observed on the groundwater.



DRAFT TEST PIT T200

PROJECT NAME: Merritt Road Retail Park

PROJECT NUMBER: 075804.00

CLIENT: Eyde Company

PROJECT LOCATION: East Lansing, Michigan

DATE STARTED: 1/11/17

COMPLETED: 1/11/17

EXCAVATION METHOD: Test Pit

CONTRACTOR: MLS Excavating

EQUIPMENT: Deere-310SG

LOGGED BY: JSW

CHECKED BY: BLE

ELEVATION (FEET)	DEPTH (FEET)	SYMBOLIC PROFILE	PROFILE DESCRIPTION	SAMPLE TYPE/NO. INTERVAL	BLOWS PER SIX INCHES	DYNAMIC CONE PENETROMETER (DCP) -- ○	DRY DENSITY (pcf) -- ■			▽ HAND PENE. <input checked="" type="checkbox"/> TORVANE SHEAR <input type="checkbox"/> UNC.COMP. <input checked="" type="checkbox"/> VANE SHEAR (PK) <input checked="" type="checkbox"/> VANE SHEAR (REM) <input checked="" type="checkbox"/> TRIAXIAL (UU) SHEAR STRENGTH (KSF)	REMARKS	
							90	100	110			120
	0		SURFACE ELEVATION: 852± FT									
		X	FILL- Fine to Medium SAND with Silt and Gravel- Brown- Moist (SP-SM)									
	1.2		850.8									
	850		FILL- Fine to Medium SAND- Trace Silt- Black- Moist to Wet (SP)									
	5	▽										
	5.5		846.5									
	845		FILL- LANDFILL & CONSTRUCTION DEBRIS- Brown and Black - Wet									
	10											
	840		Fibrous PEAT- Brown- Soft (PT)									
	12.0		840.0									
	12.5		839.5									
			END OF TEST PIT AT 12.5 FEET.									
	15											

GROUNDWATER & BACKFILL INFORMATION			
	DEPTH (FT)	ELEV (FT)	
▽ DURING EXCAVATION:	5.5	846.5	
▽ AT END OF EXCAVATION:	5.5	846.5	
BACKFILL METHOD: Excavation Spoils			

NOTES: 1. The indicated stratification lines are approximate. In situ, the transition between materials may be gradual.



DRAFT TEST PIT T300

PROJECT NAME: Merritt Road Retail Park

PROJECT NUMBER: 075804.00

CLIENT: Eyde Company

PROJECT LOCATION: East Lansing, Michigan

DATE STARTED: 1/11/17

COMPLETED: 1/11/17

EXCAVATION METHOD: Test Pit

CONTRACTOR: MLS Excavating

EQUIPMENT: Deere-310SG

LOGGED BY: JSW

CHECKED BY: BLE

ELEVATION (FEET)	DEPTH (FEET)	SYMBOLIC PROFILE	PROFILE DESCRIPTION	SAMPLE TYPE/NO. INTERVAL	BLOWS PER SIX INCHES	DYNAMIC CONE PENETROMETER (DCP) -- ○	DRY DENSITY (pcf) -- ■			▽ HAND PENE. <input checked="" type="checkbox"/> TORVANE SHEAR <input type="checkbox"/> UNC. COMP. <input checked="" type="checkbox"/> VANE SHEAR (PK) <input checked="" type="checkbox"/> VANE SHEAR (REM) <input checked="" type="checkbox"/> TRIAXIAL (UU) SHEAR STRENGTH (KSF) 1 2 3 4	REMARKS	
							90	100	110 120			
	0		SURFACE ELEVATION: 853± FT									
	1.5		FILL- Fine to Medium SAND with Silt and Gravel- Brown- Moist (SP-SM)									
850												
	5		FILL- LEAN CLAY- Some Construction Debris (Asphalt Slabs)- Brown and Gray (CL)									
	6.0											
845			FILL- Fine to Coarse SAND- Some Construction Debris (Asphalt Slabs, Concrete Slabs)- Brown and Black- Moist to Wet (SP)									
	9.0											
			END OF TEST PIT AT 9.0 FEET.									
10												
840												
15												

GROUNDWATER & BACKFILL INFORMATION		
	DEPTH (FT)	ELEV (FT)
▽ DURING EXCAVATION:	7.0	846.0
▽ AT END OF EXCAVATION:	7.0	846.0
BACKFILL METHOD: Excavation Spoils		

NOTES: 1. The indicated stratification lines are approximate. In situ, the transition between materials may be gradual.



DRAFT TEST PIT T400

PROJECT NAME: Merritt Road Retail Park

PROJECT NUMBER: 075804.00

CLIENT: Eyde Company

PROJECT LOCATION: East Lansing, Michigan

DATE STARTED: 1/11/17

COMPLETED: 1/11/17

EXCAVATION METHOD: Test Pit

CONTRACTOR: MLS Excavating

EQUIPMENT: Deere-310SG

LOGGED BY: JSW

CHECKED BY: BLE

ELEVATION (FEET)	DEPTH (FEET)	SYMBOLIC PROFILE	PROFILE DESCRIPTION	SAMPLE TYPE/NO. INTERVAL	BLOWS PER SIX INCHES	DYNAMIC CONE PENETROMETER (DCP) -- ○	DRY DENSITY (pcf) -- ■			TEST METHOD	REMARKS
							90	100	110 120		
	0		SURFACE ELEVATION: 853± FT								
	1.0		FILL- Fine to Medium SAND with Silt and Gravel- Brown- Moist (SP-SM)								
850	3.0		FILL- Sandy LEAN CLAY- Gray (CL)								
5	5.0		Fill- Fine to Medium SAND with Silt- Little Construction Debris (Asphalt Slabs, Concrete Pipe Section)- Brown and Gray- Moist to Wet (SP-SM)								
	6.0										
845	8.0		LEAN CLAY- Gray (CL)								
			END OF TEST PIT AT 8.0 FEET.								
	10										
	840										
	15										

GROUNDWATER & BACKFILL INFORMATION		
	DEPTH (FT)	ELEV (FT)
▽ DURING EXCAVATION:	6.0	847.0
▼ AT END OF EXCAVATION:	6.0	847.0
BACKFILL METHOD: Excavation Spoils		

NOTES: 1. The indicated stratification lines are approximate. In situ, the transition between materials may be gradual.



DRAFT TEST PIT T500

PROJECT NAME: Merritt Road Retail Park

PROJECT NUMBER: 075804.00

CLIENT: Eyde Company

PROJECT LOCATION: East Lansing, Michigan

DATE STARTED: 1/11/17

COMPLETED: 1/11/17

EXCAVATION METHOD: Test Pit

CONTRACTOR: MLS Excavating

EQUIPMENT: Deere-310SG

LOGGED BY: JSW

CHECKED BY: BLE

ELEVATION (FEET)	DEPTH (FEET)	SYMBOLIC PROFILE	PROFILE DESCRIPTION	SAMPLE TYPE/NO.	INTERVAL	BLOWS PER SIX INCHES	DYNAMIC CONE PENETROMETER (DCP) -- ○		DRY DENSITY (pcf) -- ■			MOISTURE & ATTERBERG LIMITS (%)				REMARKS	
							10	20	30	40	90	100	110	120	PL		MC
	0		SURFACE ELEVATION: 853± FT														
	1.0	X	FILL- Fine to Medium SAND with Silt and Gravel- Brown- Moist (SP-SM)														
850	3.0	X	FILL- Sandy LEAN CLAY- Brown and Gray (CL)														
	5	X															
845	10.0	X	FILL- Fine to Medium SAND with Silt- Little Construction Debris (Concrete Slabs)- Trace Landfill Debris- Brown and Gray- Moist to Wet (SP-SM)														
	10		END OF TEST PIT AT 10.0 FEET.														
840																	
15																	

GROUNDWATER & BACKFILL INFORMATION		
	DEPTH (FT)	ELEV (FT)
▽ DURING EXCAVATION:	8.0	845.0
▼ AT END OF EXCAVATION:	8.0	845.0
BACKFILL METHOD: Excavation Spoils		

NOTES: 1. The indicated stratification lines are approximate. In situ, the transition between materials may be gradual.



DRAFT TEST PIT T600

PROJECT NAME: Merritt Road Retail Park

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CLIENT: Eyde Company

PROJECT LOCATION: East Lansing, Michigan

DATE STARTED: 1/11/17

COMPLETED: 1/11/17

EXCAVATION METHOD: Test Pit

CONTRACTOR: MLS Excavating

EQUIPMENT: Deere-310SG

LOGGED BY: JSW

CHECKED BY: BLE

ELEVATION (FEET)	DEPTH (FEET)	SYMBOLIC PROFILE	PROFILE DESCRIPTION	SAMPLE TYPE/NO. INTERVAL	BLOWS PER SIX INCHES	DYNAMIC CONE PENETROMETER (DCP) -- ○	DRY DENSITY (pcf) -- ■		MOISTURE & ATTERBERG LIMITS (%)	TEST METHODS	REMARKS
							90	100			
	0		SURFACE ELEVATION: 851± FT								
850		X	FILL- Sandy LEAN CLAY- Little Gravel- Brown (CL)								
	2.0		849.0								
		X	FILL- LEAN CLAY- Trace Sand and Gravel- Brown and Gray (CL)								
	3.5		847.5								
		X	FILL- LANDFILL DEBRIS- Brown and Black- Moist to Wet								
845	5	▽									
	7.5		843.5								
			END OF TEST PIT AT 7.5 FEET.								
	10										
840											
	15										

GROUNDWATER & BACKFILL INFORMATION		
	DEPTH (FT)	ELEV (FT)
▽ DURING EXCAVATION:	5.5	845.5
▽ AT END OF EXCAVATION:	5.5	845.5
BACKFILL METHOD: Excavation Spoils		

NOTES: 1. The indicated stratification lines are approximate. In situ, the transition between materials may be gradual.



DRAFT TEST PIT T700

PROJECT NAME: Merritt Road Retail Park

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CLIENT: Eyde Company

PROJECT LOCATION: East Lansing, Michigan

DATE STARTED: 1/11/17

COMPLETED: 1/11/17

EXCAVATION METHOD: Test Pit

CONTRACTOR: MLS Excavating

EQUIPMENT: Deere-310SG

LOGGED BY: JSW

CHECKED BY: BLE

ELEVATION (FEET)	DEPTH (FEET)	SYMBOLIC PROFILE	PROFILE DESCRIPTION	SAMPLE TYPE/NO. INTERVAL	BLOWS PER SIX INCHES	DYNAMIC CONE PENETROMETER (DCP) -- ○	DRY DENSITY (pcf) -- ■		MOISTURE & ATTERBERG LIMITS (%)		▽ HAND PENE. <input checked="" type="checkbox"/> TORVANE SHEAR <input type="checkbox"/> UNC.COMP. <input checked="" type="checkbox"/> VANE SHEAR (PK) <input checked="" type="checkbox"/> VANE SHEAR (REM) <input checked="" type="checkbox"/> TRIAXIAL (UU) SHEAR STRENGTH (KSF)	REMARKS
							90	100	110	120		
	0		SURFACE ELEVATION: 851± FT									
850	1.5	[Cross-hatch symbol]	FILL- Fine to Medium SAND with Silt and Gravel- Brown- Moist (SP-SM) 849.5									
	3.0		FILL- LEAN CLAY- Trace Sand and Gravel- Brown and Gray (CL) 848.0									
845	9.0		FILL- CONSTRUCTION AND LANDFILL DEBRIS- Brown and Black - Moist to Wet 842.0									
			END OF TEST PIT AT 9.0 FEET.									
840	10											
	15											

GROUNDWATER & BACKFILL INFORMATION		
	DEPTH (FT)	ELEV (FT)
▽ DURING EXCAVATION:	3.5	847.5
▼ AT END OF EXCAVATION:	3.5	847.5
BACKFILL METHOD: Excavation Spoils		

NOTES: 1. The indicated stratification lines are approximate. In situ, the transition between materials may be gradual.



DRAFT TEST PIT T800

PROJECT NAME: Merritt Road Retail Park

PROJECT NUMBER: 075804.00

CLIENT: Eyde Company

PROJECT LOCATION: East Lansing, Michigan

DATE STARTED: 1/11/17

COMPLETED: 1/11/17

EXCAVATION METHOD: Test Pit

CONTRACTOR: MLS Excavating

EQUIPMENT: Deere-310SG

LOGGED BY: JSW

CHECKED BY: BLE

ELEVATION (FEET)	DEPTH (FEET)	SYMBOLIC PROFILE	PROFILE DESCRIPTION	SAMPLE TYPE/NO.	BLOWS PER SIX INCHES	DYNAMIC CONE PENETROMETER (DCP) -- ○	DRY DENSITY (pcf) -- ■		MOISTURE & ATTERBERG LIMITS (%)		REMARKS
							90	100	110	120	
	0		SURFACE ELEVATION: 851± FT								
			PROFILE DESCRIPTION								
850			FILL- SAND with Silt- Black-Moist (SP-SM)								
	1.5										
			FILL- LEAN CLAY- Gray (CL)								
	5										
	5.5										
845			FILL- CONSTRUCTION DEBRIS (Concrete Curb & Gutter Sections)- Trace Landfill Debris- Brown and Black - Moist to Wet								
	10										
	11.0										
840			END OF TEST PIT AT 11.0 FEET.								
	15										

GROUNDWATER & BACKFILL INFORMATION		
	DEPTH (FT)	ELEV (FT)
▽ DURING EXCAVATION:	4.0	847.0
▼ AT END OF EXCAVATION:	4.0	847.0
BACKFILL METHOD: Excavation Spoils		

NOTES: 1. The indicated stratification lines are approximate. In situ, the transition between materials may be gradual.



DRAFT TEST PIT T900

PROJECT NAME: Merritt Road Retail Park

PROJECT NUMBER: 075804.00

CLIENT: Eyde Company

PROJECT LOCATION: East Lansing, Michigan

DATE STARTED: 1/11/17

COMPLETED: 1/11/17

EXCAVATION METHOD: Test Pit

CONTRACTOR: MLS Excavating

EQUIPMENT: Deere-310SG

LOGGED BY: JSW

CHECKED BY: BLE

ELEVATION (FEET)	DEPTH (FEET)	SYMBOLIC PROFILE	PROFILE DESCRIPTION	SAMPLE TYPE/NO. INTERVAL	BLOWS PER SIX INCHES	DYNAMIC CONE PENETROMETER (DCP) -- ○	DRY DENSITY (pcf) -- ■ 90 100 110 120	MOISTURE & ATTERBERG LIMITS (%) PL MC LL	TEST METHODS	REMARKS
855	0		SURFACE ELEVATION: 855± FT							
	1.5		FILL- Fine to Coarse SAND with Gravel- Some Fly Ash Debris- Black to Brown- Moist (SP)							
	2.0		FILL- LEAN CLAY- Gray (CL)							
	5		FILL- LEAN CLAY- Frequent Debris Layers- Gray (CL)							
850	6.0									
	9.0		CLAYEY SAND- Gray- Moist to Wet (SC)							
845	10		LEAN CLAY- Gray (CL)							
	11.0		END OF TEST PIT AT 11.0 FEET.							

GROUNDWATER & BACKFILL INFORMATION		
	DEPTH (FT)	ELEV (FT)
▽ DURING EXCAVATION:	9.0	846.0
▽ AT END OF EXCAVATION:	9.0	846.0
BACKFILL METHOD: Excavation Spoils		

NOTES: 1. The indicated stratification lines are approximate. In situ, the transition between materials may be gradual.



DRAFT TEST PIT T1000

PROJECT NAME: Merritt Road Retail Park

PROJECT NUMBER: 075804.00

CLIENT: Eyde Company

PROJECT LOCATION: East Lansing, Michigan

DATE STARTED: 1/11/17

COMPLETED: 1/11/17

EXCAVATION METHOD: Test Pit

CONTRACTOR: MLS Excavating

EQUIPMENT: Deere-310SG

LOGGED BY: JSW

CHECKED BY: BLE

ELEVATION (FEET)	DEPTH (FEET)	SYMBOLIC PROFILE	PROFILE DESCRIPTION	SAMPLE TYPE/NO.	BLOWS PER SIX INCHES	DYNAMIC CONE PENETROMETER (DCP) -- ○	DRY DENSITY (pcf) -- ■ 90 100 110 120	MOISTURE & ATTERBERG LIMITS (%) PL MC LL	TEST METHODS	REMARKS
	0		SURFACE ELEVATION: 857± FT							
	0.7		FILL- CRUSHED ASPHALT	856.3						
	1.2		FILL- Sandy LEAN CLAY- Brown (CL)	855.8						
855	3.5		FILL- LEAN CLAY- Gray (CL)	853.5						
	5		FILL- LEAN CLAY- Trace Construction Debris (Brick, Steel Cables)- Gray (CL)							
850	7.5		LEAN CLAY- Gray (CL)	849.5						
	9.0		END OF TEST PIT AT 9.0 FEET.	848.0						
10										
845										
15										

GROUNDWATER & BACKFILL INFORMATION

GROUNDWATER WAS NOT ENCOUNTERED

BACKFILL METHOD: Excavation Spoils

NOTES: 1. The indicated stratification lines are approximate. In situ, the transition between materials may be gradual.



DRAFT TEST PIT T1100

PROJECT NAME: Merritt Road Retail Park

PROJECT NUMBER: 075804.00

CLIENT: Eyde Company

PROJECT LOCATION: East Lansing, Michigan

DATE STARTED: 1/11/17

COMPLETED: 1/11/17

EXCAVATION METHOD: Test Pit

CONTRACTOR: MLS Excavating

EQUIPMENT: Deere-310SG

LOGGED BY: JSW

CHECKED BY: BLE

ELEVATION (FEET)	DEPTH (FEET)	SYMBOLIC PROFILE	PROFILE DESCRIPTION	SAMPLE TYPE/NO. INTERVAL	BLOWS PER SIX INCHES	DYNAMIC CONE PENETROMETER (DCP) -- ○	DRY DENSITY (pcf) -- ■		MOISTURE & ATTERBERG LIMITS (%)		▽ HAND PENE. <input checked="" type="checkbox"/> TORVANE SHEAR <input type="checkbox"/> UNC. COMP. <input type="checkbox"/> VANE SHEAR (PK) <input type="checkbox"/> VANE SHEAR (REM) <input type="checkbox"/> TRIAXIAL (UU) SHEAR STRENGTH (KSF)	REMARKS
							90	100	110	120		
	0		SURFACE ELEVATION: 853± FT									
	2.0		FILL- ASPHALT with Crushed Asphalt									
	3.0		FILL- Fine to Medium SILTY SAND- Brown- Wet (SM)									
	5.0		FILL- LANDFILL DEBRIS- Petroleum Odor- Brown and Black - Wet									
	8.0		FILL- CONSTRUCTION DEBRIS (Concrete and Brick)- Petroleum Odor- Trace Landfill Debris- Brown and Black - Wet									
	8.0		END OF TEST PIT AT 8.0 FEET.									
	10											
	15											

GROUNDWATER & BACKFILL INFORMATION		
	DEPTH (FT)	ELEV (FT)
▽ DURING EXCAVATION:	2.0	851.0
▼ AT END OF EXCAVATION:	2.0	851.0
BACKFILL METHOD: Excavation Spoils		

NOTES: 1. The indicated stratification lines are approximate. In situ, the transition between materials may be gradual.
 2. Metallic contaminate staining observed on the groundwater.



DRAFT TEST PIT T1200

PROJECT NAME: Merritt Road Retail Park

PROJECT NUMBER: 075804.00

CLIENT: Eyde Company

PROJECT LOCATION: East Lansing, Michigan

DATE STARTED: 1/11/17

COMPLETED: 1/11/17

EXCAVATION METHOD: Test Pit

CONTRACTOR: MLS Excavating

EQUIPMENT: Deere-310SG

LOGGED BY: JSW

CHECKED BY: BLE

ELEVATION (FEET)	DEPTH (FEET)	SYMBOLIC PROFILE	PROFILE DESCRIPTION	SAMPLE TYPE/NO. INTERVAL	BLOWS PER SIX INCHES	DYNAMIC CONE PENETROMETER (DCP) -- ○	DRY DENSITY (pcf) -- ■		MOISTURE & ATTERBERG LIMITS (%)	TEST METHODS	REMARKS
							90	100			
	0		SURFACE ELEVATION: 854± FT								
	2.5	X	FILL- Fine to Medium SILTY SAND- Brown and Black- Moist (SM)								
	3.5	X	FILL- LANDFILL DEBRIS- Brown and Black - Moist								
850	5	▽	FILL- LEAN CLAY- Trace Construction Debris (Brick and Concrete)- Gray (CL)								
845	10										
	11.0		END OF TEST PIT AT 11.0 FEET.								
840											
15											

GROUNDWATER & BACKFILL INFORMATION		
	DEPTH (FT)	ELEV (FT)
▽ DURING EXCAVATION:	7.0	847.0
▽ AT END OF EXCAVATION:	7.0	847.0
BACKFILL METHOD: Excavation Spoils		

NOTES: 1. The indicated stratification lines are approximate. In situ, the transition between materials may be gradual.



DRAFT TEST PIT T1300

PROJECT NAME: Merritt Road Retail Park

PROJECT NUMBER: 075804.00

CLIENT: Eyde Company

PROJECT LOCATION: East Lansing, Michigan

DATE STARTED: 1/11/17

COMPLETED: 1/11/17

EXCAVATION METHOD: Test Pit

CONTRACTOR: MLS Excavating

EQUIPMENT: Deere-310SG

LOGGED BY: JSW

CHECKED BY: BLE

ELEVATION (FEET)	DEPTH (FEET)	SYMBOLIC PROFILE	PROFILE DESCRIPTION	SAMPLE TYPE/NO. INTERVAL	BLOWS PER SIX INCHES	DYNAMIC CONE PENETROMETER (DCP) -- ○	DRY DENSITY (pcf) -- ■			REMARKS
							90	100	110 120	
	0		SURFACE ELEVATION: 852± FT							
	1.0		FILL- Fine to Medium SILTY SAND- Brown and Black- Moist (SM)							
850										
	5		FILL- LEAN CLAY- Brown to Gray (CL)							
845										
	6.0		FILL- CONSTRUCTION DEBRIS (Wood and Cinder Block)- Brown and Black - Wet							
845										
	8.0		END OF TEST PIT AT 8.0 FEET.							
840										
15										

GROUNDWATER & BACKFILL INFORMATION		
	DEPTH (FT)	ELEV (FT)
▽ DURING EXCAVATION:	6.0	846.0
▽ AT END OF EXCAVATION:	3.5	848.5
BACKFILL METHOD: Excavation Spoils		

NOTES: 1. The indicated stratification lines are approximate. In situ, the transition between materials may be gradual.



DRAFT TEST PIT T1400

PROJECT NAME: Merritt Road Retail Park

PROJECT NUMBER: 075804.00

CLIENT: Eyde Company

PROJECT LOCATION: East Lansing, Michigan

DATE STARTED: 1/11/17

COMPLETED: 1/11/17

EXCAVATION METHOD: Test Pit

CONTRACTOR: MLS Excavating

EQUIPMENT: Deere-310SG

LOGGED BY: JSW

CHECKED BY: BLE

ELEVATION (FEET)	DEPTH (FEET)	SYMBOLIC PROFILE	PROFILE DESCRIPTION	SAMPLE TYPE/NO.	BLOWS PER SIX INCHES	DYNAMIC CONE PENETROMETER (DCP) -- ○	DRY DENSITY (pcf) -- ■		TEST METHODS				REMARKS		
							90	100	110	120	MOISTURE & ATTERBERG LIMITS (%)			PL	MC
	0		SURFACE ELEVATION: 856± FT												
			PROFILE DESCRIPTION												
			FILL- Fine to Medium SILTY SAND- Brown and Black- Moist (SM)												
855		1.2	854.8												
	5														
850			FILL- LEAN CLAY- Trace Construction Debris (Asphalt Slabs, Brick, Clay Tile)- Gray (CL)												
	10														
845		12.0	844.0												
			END OF TEST PIT AT 12.0 FEET.												
	15														

<p>GROUNDWATER & BACKFILL INFORMATION</p> <p>GROUNDWATER WAS NOT ENCOUNTERED</p> <p>BACKFILL METHOD: Excavation Spoils</p>	<p>NOTES: 1. The indicated stratification lines are approximate. In situ, the transition between materials may be gradual.</p>
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DRAFT TEST PIT T1500

PROJECT NAME: Merritt Road Retail Park

PROJECT NUMBER: 075804.00

CLIENT: Eyde Company

PROJECT LOCATION: East Lansing, Michigan

DATE STARTED: 1/11/17

COMPLETED: 1/11/17

EXCAVATION METHOD: Test Pit

CONTRACTOR: MLS Excavating

EQUIPMENT: Deere-310SG

LOGGED BY: JSW

CHECKED BY: BLE

ELEVATION (FEET)	DEPTH (FEET)	SYMBOLIC PROFILE	PROFILE DESCRIPTION	SAMPLE TYPE/NO.	BLOWS PER SIX INCHES	DYNAMIC CONE PENETROMETER (DCP) -- ○	DRY DENSITY (pcf) -- ■			▽ HAND PENE. <input checked="" type="checkbox"/> TORVANE SHEAR <input type="checkbox"/> UNC.COMP. <input checked="" type="checkbox"/> VANE SHEAR (PK) <input checked="" type="checkbox"/> VANE SHEAR (REM) <input checked="" type="checkbox"/> TRIAXIAL (UU) SHEAR STRENGTH (KSF)	REMARKS
							90	100	110		
	0		SURFACE ELEVATION: 856± FT								
			PROFILE DESCRIPTION			10 20 30 40	10 20 30 40	10 20 30 40	10 20 30 40		
855	1.0		FILL- Fine to Medium SILTY SAND- Some Fly Ash Debris- Brown and Black- Moist (SM)								
	5		FILL- Sandy LEAN CLAY- Trace Construction Debris (Asphalt Slabs)- Brown (CL)								
850	6.0		LEAN CLAY- Gray (CL)								
	9.0		END OF TEST PIT AT 9.0 FEET.								
845	10										
	15										

<p>GROUNDWATER & BACKFILL INFORMATION</p> <p>GROUNDWATER WAS NOT ENCOUNTERED</p> <p>BACKFILL METHOD: Excavation Spoils</p>	<p>NOTES: 1. The indicated stratification lines are approximate. In situ, the transition between materials may be gradual.</p>
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DRAFT TEST PIT T1600

PROJECT NAME: Merritt Road Retail Park

PROJECT NUMBER: 075804.00

CLIENT: Eyde Company

PROJECT LOCATION: East Lansing, Michigan

DATE STARTED: 1/11/17

COMPLETED: 1/11/17

EXCAVATION METHOD: Test Pit

CONTRACTOR: MLS Excavating

EQUIPMENT: Deere-310SG

LOGGED BY: JSW

CHECKED BY: BLE

ELEVATION (FEET)	DEPTH (FEET)	SYMBOLIC PROFILE	PROFILE DESCRIPTION	SAMPLE TYPE/NO. INTERVAL	BLOWS PER SIX INCHES	DYNAMIC CONE PENETROMETER (DCP) -- ○	DRY DENSITY (pcf) -- ■ 90 100 110 120	MOISTURE & ATTERBERG LIMITS (%) PL MC LL	TEST METHODS	REMARKS
860	0		SURFACE ELEVATION: 860± FT							
	0.8		FILL- Fine to Medium SILTY SAND- Brown- Moist (SM)	859.2						
	4.0		FILL- Sandy LEAN CLAY- Trace Construction Debris (Clay Tile and Brick)- Occasional Sand Layers- Brown (CL)	856.0						
855	5		LEAN CLAY- Trace Sand and Gravel- Gray (CL)							
850	10		END OF TEST PIT AT 10.0 FEET.	850.0						
845	15									

GROUNDWATER & BACKFILL INFORMATION

GROUNDWATER WAS NOT ENCOUNTERED

BACKFILL METHOD: Excavation Spoils

NOTES: 1. The indicated stratification lines are approximate. In situ, the transition between materials may be gradual.