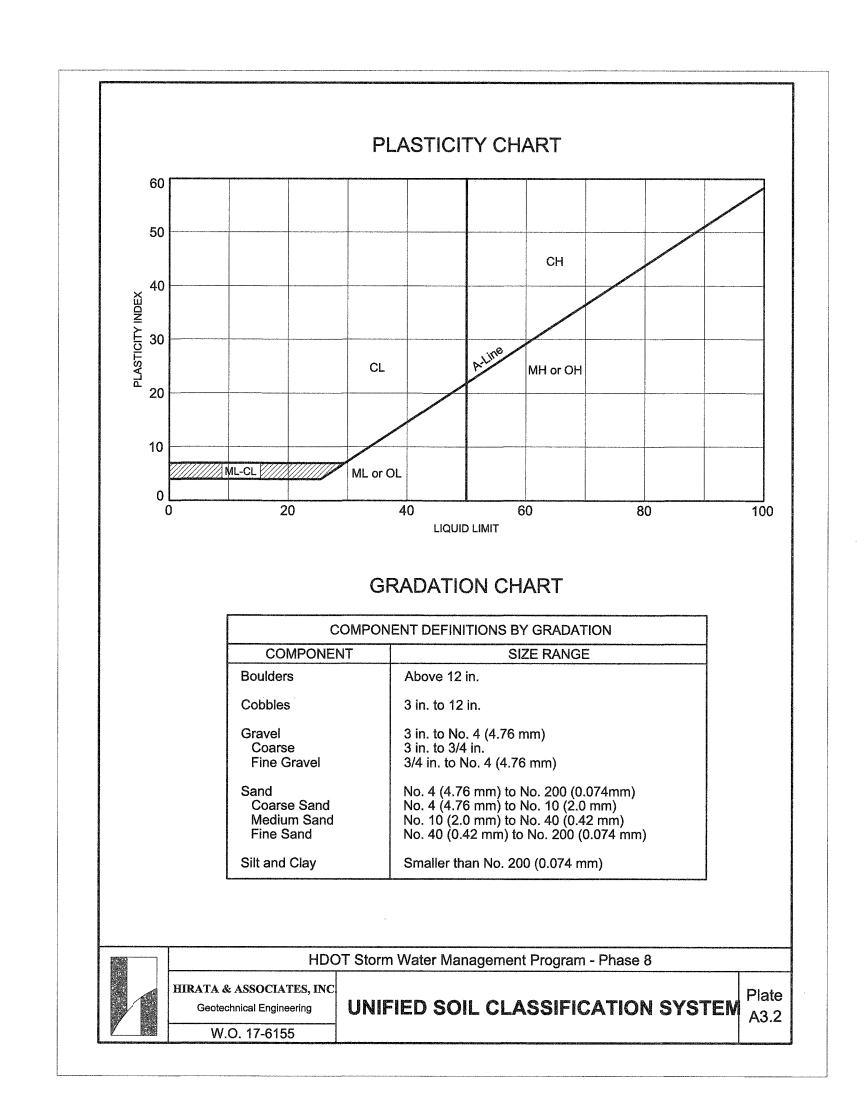
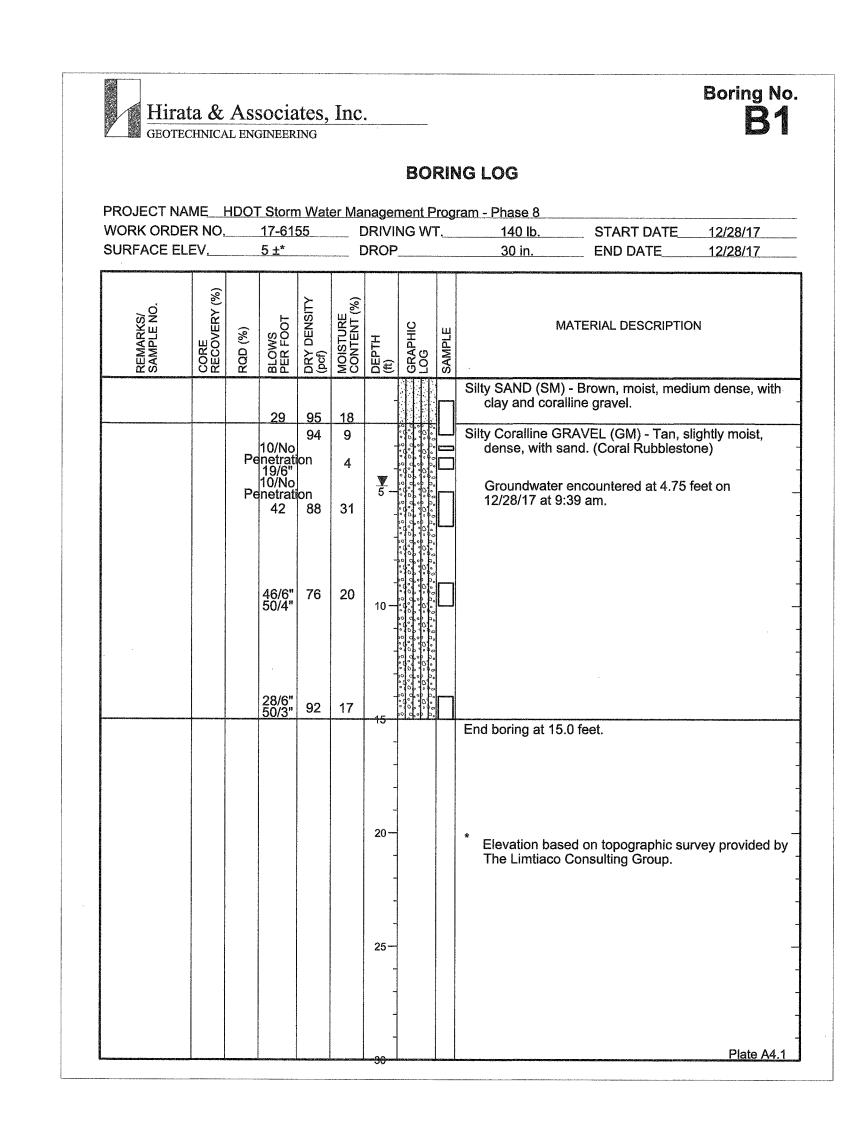
FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	HWY-O-01-18	2018	39	65

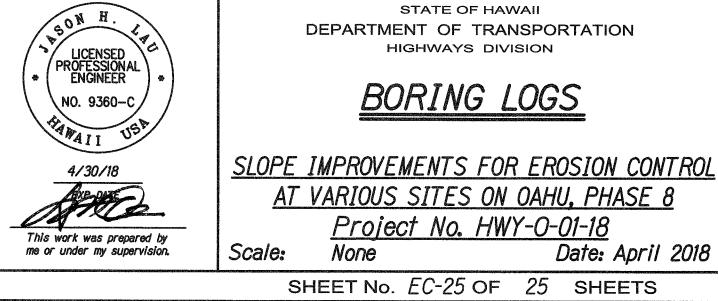
MAJOR DIVISIONS			GROUP DIVISIONS		TYPICAL NAMES	
COARSE GRAINED SOILS (More than 50% of the material is LARGER than No. 200 sieve size.)	GRAVELS (More than 50% of coarse fraction is LARGER than the No. 4 sieve size.)	CLEAN GRAVELS (Little or no fines.)	000 000 000 000 000 000 000 000 000 00	GW	Well graded gravels, gravel-sand mixtures, little or no fines.	
			00000000000000000000000000000000000000	GP	Poorly graded gravels or gravel-sand mixtures, little or no fines.	
		WITH FINES	00000000000000000000000000000000000000	GM	Silty gravels, gravel-sand-silt mixtures.	
		(Appreciable amt. of fines.)	18/18/18/18/18/18/18/18/18/18/18/18/18/1	GC	Clayey gravels, gravel-sand-clay mixtures.	
	SANDS (More than 50% of coarse fraction is SMALLER than the No. 4 sieve size.)	CLEAN SANDS (Little or no fines.)		sw		
			1111	SP	Poorly graded sands or gravelly sands, little or no fines.	
		SANDS WITH FINES		sм	Silty sands, sand-silt mixtures.	
the other process of the same		(Appreciable amt. of fines.)		sc	Clayey sands, sand-clay mixtures.	
	SILTS AND CLAYS (Liquid limit LESS than 50.)			ML	Inorganic silts and very fine sands, rock flour, silty of clayey fine sands or clayey silts with slight plasticity	
FINE GRAINED SOILS (More than 50% of the material is SMALLER than No. 200 sieve size.)				CL	Inorganic clays of high plasticity, lean clays.	
				OL	Organic silts and organic silty clays of low plasticity	
	SILTS AND CLAYS (Liquid limit GREATER than 50.)			MH	Inorganic silts, micaceous or diatomaceous fine sandy or silty soils, elastic silts.	
				СН	Inorganic clays of high plasticity, fat clays.	
, and the second				ОН	Organic clays of medium to high plasticity, organic silts.	
HIGHLY ORGANIC SOILS			<u> </u>	PT	Peat and other highly organic silts.	
FORMATIONS			[1-7]-7-7-1-7 FRESH TO MODERATELY WEATHERED BASALT [1-7]-7-1-7 [1-7]-7-1-7			
			* *	VOLCANIC TUFF / HIGHLY TO COMPLETELY WEATHERED BASALT		
			* * * * * * * * * * * * * * * * * * *	COR	AL	
Mariana					INITION	
2" O.D. Stand	dard Split Spoon Tube Sampler	sampler		nelby 7 ore Sa	September 1	
J O.D. Split	Tube Sampler			ле оа	mple <u>\vec{y}</u> Water Table	
		HDOT Storr	n Wate	r Mai	nagement Program - Phase 8	
	A & ASSOCIATE otechnical Engineeri	i		BO	RING LOG LEGEND	
W.O. 17-6155				#### *	MINO LOG LLGLIND	





Note: Boring log data included for information only.





Date: April 2018