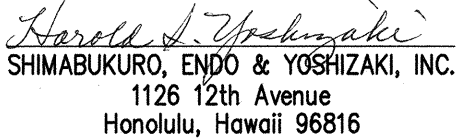


		ITEM NO.		206	206	603	603	603	603	603	603	603	603	603	603	603	603	603	604	604	604	604	604	604	604	604	604	604	604	604	604	604	612	640	647		
				2020	6100	0010	1006	1012	1014	1048	1056	2112	2118	3500	6541	6543	6544	6545	0110	0120	0130	1040	1050	0200	0210	0220	0230	0240	0300	0310	0320	0330		2330	0100	0100	0100
		DESCRIPTION/UNIT		C.Y.	C.Y.	C.Y.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	L.F.	E.A.	E.A.	E.A.	E.A.	E.A.	E.A.	E.A.	E.A.	E.A.	E.A.	E.A.	E.A.	E.A.	E.A.	E.A.	E.A.	L.F.	C.Y.	C.Y.	
SHEET NO.	STRUCTURE NO.	TYPE OF STRUCTURE	BASELINE STATION	STRUCTURE EXCAVATION FOR DRAINAGE SYSTEM	STRUCTURE EXCAVATION FOR SUMP RELOCATION	BED COURSE MATERIAL FOR CULVERT	18-INCH REINFORCED CONCRETE PIPE, CLASS III	30-INCH REINFORCED CONCRETE PIPE, CLASS III	36-INCH REINFORCED CONCRETE PIPE, CLASS III	24-INCH REINFORCED CONCRETE PIPE, CLASS IV	48-INCH REINFORCED CONCRETE PIPE, CLASS IV	54-INCH CSP SHI. THICKNESS 0.138-INCH	72-INCH CSP SHI. THICKNESS 0.38-INCH	144-INCH STRUT. ALUMINUM PLATE PIPE, PLATE THK. 0.125", INV. THK. 0.150"	12-INCH REINFORCED CONCRETE PIPE, CL. IV OR 12-INCH HDPE	24-INCH REINFORCED CONCRETE PIPE, CL. III OR 24-INCH HDPE	30-INCH REINFORCED CONCRETE PIPE, CL. III OR 30-INCH HDPE	36-INCH REINFORCED CONCRETE PIPE, CL. III OR 36-INCH HDPE	TYPE "F" MANHOLE (6.00 FEET TO 6.99 FEET)	TYPE "F" MANHOLE (8.00 FEET TO 8.99 FEET)	TYPE "F" MANHOLE (9.00 FEET TO 9.99 FEET)	TYPE "F" MANHOLE (10.00 FEET TO 10.99 FEET)	TYPE "F" MANHOLE (12.00 FEET TO 12.99 FEET)	TYPE "A" CATCH BASIN (5.00 FEET TO 5.99 FEET)	TYPE "A" CATCH BASIN (6.00 FEET TO 6.99 FEET)	TYPE "A" CATCH BASIN (7.00 FEET TO 7.99 FEET)	TYPE "A" CATCH BASIN (8.00 FEET TO 8.99 FEET)	TYPE "A" CATCH BASIN (9.00 FEET TO 9.99 FEET)	TYPE "A1" CATCH BASIN (5.00 FEET TO 5.99 FEET)	TYPE "A1" CATCH BASIN (7.00 FEET TO 7.99 FEET)	TYPE "A1" CATCH BASIN (8.00 FEET TO 8.99 FEET)	TYPE "A1" CATCH BASIN (11 FEET TO 11.99 FEET)		TYPE *61614" DROP INLET	GROUTED RUBBLE PAVING	LINED DITCH	UNGROUTED RUBBLE PAVING
21	OUTLET #1A	OUTLET 36" Pipe	2+00 Rd A~45'± Rt.			6												20																			
21	CB #2A	C.B. Type A	2+00 Rd A~18' Rt.			21												70																			
21	CB #3A	C.B. Type A	3+35~43' Rt.			20												67																			
21	DI #4A	D.I. Type 61614	4+00~60' Rt.			30												100																			
21	SDMH #5A	SDMH Type F	5+00~60' Rt.			46											165		1																		
21	CB #6A	C.B. Type A1	0+80 RICE St.~2' Rt.			32										121																1					
21	CB #7A	C.B. Type A1	2+20 Rd B			48										183															1						
21	SDMH #8A	SDMH Type F	9+40~34' Rt.			9										34						1															
21	SDMH #9A	SDMH Type F	9+60~42' Rt.			32										122				1																	
21	SDMH #10A	SDMH Existing	10+87±~36'± Rt.			9										34																					
21	CB #11A	C.B. Type A	11+20~32' Rt.			9										34																					
21	SDMH #12A	SDMH TYPE F	11+55±~36.5'±Rt.																																		
21	CB #13A	CB TYPE A	12+05~32' Rt.																																		
21	CB #1B	C.B. Type A1	4+50~Rd A~18' Rt.																																		

ITEM NO.		605	605	605
		0006	0106	2000
UNIT USED		Lin. Ft.	Lin. Ft.	Lin. Ft.
UNDERDRAINS BASELINE STATION		6-INCH PERFORATED UNDERDRAIN PIPE	6-INCH NONPERFORATED UNDERDRAIN PIPE	CLEANOUT
FROM	TO			
Kaumualii Sta. 1+70 Lt.	Kaumualii Sta. 3+00 Lt.	130	10	1 (@ 1+70)
Kaumualii Sta. 3+00 Lt.	Kaumualii Sta. 3+70 Lt.	70	10	1 (@ 3+70)
Kaumualii Sta. 3+70 Lt.	Kaumualii Sta. 5+00 Lt.	130	5	
Kaumualii Sta. 5+00 Lt.	Kaumualii Sta. 6+00 Lt.	100	10	1 (@ 6+00)
Kaumualii Sta. 6+00 Lt.	Kuhio Sta. 7+20 Lt.	120	5	
Kuhio Sta. 7+20 Lt.	Kuhio Sta. 8+50 Lt.	130	10	1 (@ 8+50)
Kuhio Sta. 8+50 Lt.	Kuhio Sta. 9+80 Lt.	130	5	
Kuhio Sta. 9+80 Lt.	Kuhio Sta. 11+00 Lt.	120	10	1 (@ 11+00)
Kuhio Sta. 11+00 Lt.	Kuhio Sta. 12+42 Lt.	142	5	
Kuhio Sta. 12+42 Lt.	Kuhio Sta. 13+15 Lt.	73	10	1 (@ 13+15)
Kaumualii Sta. 0+00 Rt.	Kaumualii Sta. 0+30 Rt.	30	10	1 (@ 0+00)
Kaumualii Sta. 0+30 Rt.	Kaumualii Sta. 0+90 Rt.	60	10	
Kaumualii Sta. 0+90 Rt.	Road "A" Sta. 2+00 Rt.	110	5	
Road "A" Sta. 2+00 Rt.	Road "A" Sta. 3+20 Rt.	120	10	1 (@ 3+20)
Road "A" Sta. 3+20 Rt.	Road "A" Sta. 4+50 Rt.	130	5	
Road "A" Sta. 4+50 Rt.	Road "A" Sta. 5+50 Rt.	100	10	1 (@ 5+50)
Road "A" Sta. 5+50 Rt.	Road "A" Sta. 6+50 Rt.	100	5	
Road "A" Sta. 6+50 Rt.	Rice St. Sta. 3+00 Rt.	100	10	1 (@ 3+00)
Rice St. Sta. 3+00 Rt.	Rice St. Sta. 4+54 Rt.	154	10	1 (@ 4+54)
Rice St. Sta. 3+90 Lt.	Rice St. Sta. 4+40	50	10	1 (@ 4+40)
Kaumualii Sta. 3+35 Rt.	Kaumualii Sta. 4+55 Rt.	120	10	1 (@ 4+55)
Kaumualii Sta. 4+55 Rt.	Kaumualii Sta. 5+75 Rt.	120	5	1 (@ 5+75)
Kaumualii Sta. 5+75 Rt.	Rice St. Sta. 1+00	120	5	1 (@ 1+00)
Rice St. Sta. 1+00	Rice St. Sta. 1+90	90	5	1 (@ 1+90)
Kuhio Sta. 9+40 Rt.	Kuhio Sta. 10+10 Rt.	70	10	1 (@ 10+10)
Kuhio Sta. 10+10 Rt.	Kuhio Sta. 11+20 Rt.	110	5	
Kuhio Sta. 11+20 Rt.	Kuhio Sta. 12+05 Rt.	100	10	
Kuhio Sta. 12+05 Rt.	Kuhio Sta. 12+85 Rt.	65	5	1 (@ 12+85)



SCALE: AS NOTED DATE: _____
SHEET NO. 1 OF 1 SHEETS