

DETAILED INDEX

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(92)	2004	2	187

SHT. NO.	DWG. NO.	DESCRIPTION	SHT. NO.	DWG. NO.	DESCRIPTION
1	T-1	TITLE SHEET	42	C-41	VINEYARD BLVD. & PALAMA STREET - SITE PLAN
			43	C-42	VINEYARD BLVD. & PALAMA STREET - GRADING PLAN
2	C-1	DETAILED INDEX - 1	44	C-43	VINEYARD BLVD. & PALAMA STREET - GRADING PLAN
3	C-2	DETAILED INDEX - 2	45	C-44	VINEYARD BLVD. & DRIVEWAY - SITE & GRADING PLAN
			46	C-45	VINEYARD BLVD. & EXIT DRIVEWAY - SITE & GRADING PLAN
4	C-3	STANDARD PLANS SUMMARY	47	C-46	VINEYARD BLVD. & DRIVEWAY - SITE & GRADING PLAN
			48	C-47	VINEYARD BLVD. & PUA LANE - SITE PLAN
5	C-4	NOTES - 1	49	C-48	VINEYARD BLVD. & PUA LANE - GRADING PLAN
6	C-5	NOTES - 2	50	C-49	VINEYARD BLVD. & PUA LANE - GRADING PLAN
7	C-6	NOTES - 3	51	C-50	VINEYARD BLVD. & ALLEY - SITE & GRADING PLAN
8	C-7	NOTES - 4	52	C-51	VINEYARD BLVD. & LILIHA STREET - SITE PLAN
9	C-8	NOTES - 5	53	C-52	VINEYARD BLVD. & LILIHA STREET - GRADING PLAN
10	C-9	NOTES - 6	54	C-53	VINEYARD BLVD. & LILIHA STREET - GRADING PLAN
11	C-10	NOTES - 7	55	C-54	VINEYARD BLVD. & APARTMENT COMPLEX - SITE & GRADNG PLAN
12	C-11	NOTES - 8	56	C-55	VINEYARD BLVD. & KAULUWELA APARTMENT - SITE PLAN
13	C-12	NOTES - 9	57	C-56	VINEYARD BLVD. & KAULUWELA APARTMENT - GRADING PLAN
14	C-13	WATER POLLUTION NOTES - 1	58	C-57	VINEYARD BLVD. & AALA STREET - SITE PLAN
15	C-14	WATER POLLUTION NOTES AND DETAILS - 2	59	C-58	VINEYARD BLVD. & AALA STREET - GRADING PLAN
			60	C-59	VINEYARD BLVD. & AALA STREET - GRADING PLAN
16	C-15	LOCATION MAP - 1	61	C-60	VINEYARD BLVD. & RIVER STREET - SITE & GRADING PLAN
17	C-16	LOCATION MAP - 2	62	C-61	VINEYARD BLVD. & FOSTER BOTANIC GARDEN - SITE PLAN
			63	C-62	VINEYARD BLVD. & FOSTER BOTANIC GARDEN - GRADING PLAN
18	C-17	TYPICAL CURB RAMP LAYOUT	64	C-63	VINEYARD BLVD. & MAUNAKEA STREET - SITE PLAN
19	C-18	CURB RAMP DETAILS - 1	65	C-64	VINEYARD BLVD. & MAUNAKEA STREET - GRADING PLAN
20	C-19	CURB RAMP DETAILS - 2	66	C-65	VINEYARD BLVD. & NUUANU AVENUE - SITE & GRADING PLAN
21	C-20	CURB RAMP DETAILS - 3	67	C-66	VINEYARD BLVD. & APARTMENT - SITE & GRADING PLAN
22	C-21	CURB RAMP DETAILS - 4	68	C-67	VINEYARD BLVD. & APARTMENT - SITE & GRADING PLAN
23	C-22	CURB RAMP DETAILS - 5	69	C-68	VINEYARD BLVD. & PALI HIGHWAY - SITE PLAN
24	C-23	CURB RAMP DETAILS - 6	70	C-69	VINEYARD BLVD. & PALI HIGHWAY - GRADING PLAN
25	C-24	DRIVEWAY APRON	71	C-70	VINEYARD BLVD. & PALI HIGHWAY - GRADING PLAN
26	C-25	SIDEWALK DETAILS	72	C-71	VINEYARD BLVD. & SCHOOL GATE - SITE & GRADING PLAN
27	C-26	MISCELLANEOUS DETAILS - 1	73	C-72	VINEYARD BLVD. & QUEEN EMMA STREET - SITE PLAN
28	C-27	MISCELLANEOUS DETAILS - 2	74	C-73	VINEYARD BLVD. & QUEEN EMMA STREET - GRADING PLAN
29	C-28	DETECTABLE WARNING DETAILS	75	C-74	VINEYARD BLVD. & QUEEN EMMA STREET - GRADING PLAN
30	C-29	STRIPING DETAILS	76	C-75	VINEYARD BLVD. & QUEEN EMMA STREET - GRADING PLAN
			77	C-76	VINEYARD BLVD. & PUNCHBOWL STREET - SITE & GRADING PLAN
		CIVIL PLANS	78	C-77	VINEYARD BLVD. & PELE STREET - SITE & GRADING PLAN
31	C-30	HALONA STREET & HOUGHTAILING STREET - SITE & GRADING PLAN	79	C-78	LILIHA STREET & KING STREET - SITE PLAN
32	C-31	HALONA STREET & HOUGHTAILING STREET - SITE & GRADING PLAN	80	C-79	LILIHA STREET & KING STREET - GRADING PLAN
33	C-32	HALONA STREET & KOKEA STREET - SITE & GRADING PLAN	81	C-80	LILIHA STREET & N. KUKUI STREET - SITE PLAN
34	C-33	HALONA STREET & AULD LANE - SITE PLAN	82	C-81	LILIHA STREET & N. KUKUI STREET - GRADING PLAN
35	C-34	HALONA STREET & AULD LANE - GRADING PLAN	83	C-82	LILIHA STREET & KAULUWELA PLACE - SITE & GRADING PLAN
36	C-35	HALONA STREET & IAO LANE - SITE & GRADING PLAN	84	C-83	LILIHA STREET & MALANAI LANE - SITE PLAN & GRADING PLAN
37	C-36	OLOMEA STREET & HOUGHTAILING STREET - SITE PLAN	85	C-84	LILIHA STREET & H1 ON RAMP - SITE PLAN
38	C-37	OLOMEA STREET & HOUGHTAILING STREET - GRADING PLAN	86	C-85	LILIHA STREET & H1 ON RAMP - GRADING PLAN
39	C-38	OLOMEA STREET & HOUGHTAILING STREET - GRADING PLAN	87	C-86	LILIHA STREET & SCHOOL STREET - SITE PLAN
40	C-39	OLOMEA STREET & KOHOU STREET - SITE & GRADING PLAN	88	C-87	LILIHA STREET & SCHOOL STREET - GRADING PLAN
41	C-40	OLOMEA STREET & KOKEA STREET - SITE & GRADING PLAN			

LEGEND:

- R/W
- RIGHT-OF-WAY
- 50.00
- FINISHED SPOT GRADE
- 50.50 TC
- FINISHED TOP OF CURB
- 50.00 BC
- FINISHED BOTTOM OF CURB
-
- FLOW DIRECTION
-
- EXISTING PROPERTY LINE
- PH
- EXISTING HYDRANT
- SMH
- EXISTING SEWER MANHOLE
- GMH
- EXISTING GAS MANHOLE
- Mon.
- EXISTING MONUMENT
- D
- EXISTING DRAIN LINE
- SDMH
- EXISTING STORM DRAIN MANHOLE
- CB
- EXISTING CATCH BASSIN
-
- EXISTING TRAFFIC SIGN
- PP
- EXISTING POWER POLE
- GP
- EXISTING GUY POLE
- LP
- EXISTING LIGHT POLE
- EMH
- EXISTING ELECTRICAL MANHOLE
- SLB
- EXISTING STREET LIGHT BOX
- TSB
- EXISTING TRAFFIC SIGNAL BOX
- TL
- EXISTING TRAFFIC LIGHT (SIGNAL STANDARD)
- TP
- EXISTING TELEPHONE POLE
- HTCO
- EXISTING HAW. TEL. CO. MANHOLE
- HECO
- EXISTING HAW. ELEC. CO. MANHOLE/BOX
- WMH
- EXISTING WATER VALVE
- 49.99
- EXISTING SPOT ELEV.
- 50.50 TC
- EXISTING TOP OF CONC. (TC)
- 50.00 BC
- EXISTING BOTTOM OF CONC. (BC)
- 50.50 TA
- EXISTING TOP OF ASPHALT CONC.
- 50.00 TG
- EXISTING TOP OF GUTTER (TOP)
-
- EXISTING FENCE

ORIGINAL PLAN	SURVEY PLOTTED BY	DATE
	DESIGNED BY	
	NOTED BY	
	CHECKED BY	
NOTE BOOK	QUANTITIES BY	
	NO.	

EARTHTECH

A tyco Infrastructure Services Company
841 Bishop Street, Suite 500
Honolulu, HI 96813

ARULAN R. NIKOLU
LICENSED PROFESSIONAL ENGINEER
No. 6198-C
HAWAII, U.S.A.

EXPIRATION DATE OF THE LICENSE 4/30/2008
THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION.

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DETAILED INDEX - 1

Pedestrian Facilities & ADA Compliance
at Various Locations on Oahu, Unit 1
Fed. Aid Proj. No. CMAQ-0300(92)

Scale: As Noted

Date: August 2004

SHEET No. C-1 OF 154 SHEETS

DETAILED INDEX

FED. ROAD DIST. NO.	STATE	FEDERAL AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	CMAQ-0300(92)	2004	3	187

SHT. NO.	DWG. NO.	DESCRIPTION	SHT. NO.	DWG. NO.	DESCRIPTION	SHT. NO.	DWG. NO.	DESCRIPTION
89	C-88	FUNCHAL ST. & KAWANANAKOA INT. SCH. - SITE & GRADING PLAN	137	C-136	KALANIANAOLE HWY. & KANAPUU DRIVE - SITE & GRADING PLAN	182	E-27	PALI HWY. & PUIWA ROAD - ELECTRICAL SITE PLAN
90	C-89	FUNCHAL STREET & PAUOA ROAD - SITE & GRADING PLAN	138	C-137	KALANIANAOLE HWY. & KUMUHAU STREET - SITE & GRADING PLAN	183	E-28	LILIHA ST. & H1 ON RAMP - ELECTRICAL SITE PLAN
91	C-90	FUNCHAL STREET & PAUOA ROAD - GRADING PLAN	139	C-138	KALANIANAOLE HWY. & SADDLE CITY ROAD - SITE & GRADING PLAN	184	E-29	LILIHA ST. & SCHOOL ST. - ELECTRICAL SITE PLAN
92	C-91	PALI HIGHWAY & YMCA - SITE PLAN	140	C-139	KALANIANAOLE HWY. & HUMUNIKI STREET - SITE & GRADING PLAN	185	E-30	KALANIANAOLE HIGHWAY. & KANAPUU DRIVE - ELECTRICAL SITE PLAN
93	C-92	PALI HIGHWAY & YMCA - GRADING PLAN	141	C-140	KALANIANAOLE HWY. & POALIMA STREET - SITE & GRADING PLAN			
94	C-93	PALI HIGHWAY & H1 OFF RAMP - SITE PLAN	142	C-141	KALANIANAOLE HWY. & MOOLE STREET - SITE PLAN	186	E-31	KALANIANAOLE HIGHWAY & NAKINI STREET - ELECTRICAL SITE PLAN
95	C-94	PALI HIGHWAY & H1 OFF RAMP - GRADING PLAN	143	C-142	KALANIANAOLE HWY. & MOOLE STREET - GRADING PLAN			
96	C-95	PALI HIGHWAY & H1 OFF RAMP (EWA) - SITE PLAN	144	C-143	KALANIANAOLE HWY. & INOAOLE STREET - SITE PLAN	187	E-32	PALI HIGHWAY & AULOA ROAD - ELECTRICAL SITE PLAN
97	C-96	PALI HIGHWAY & H1 OFF RAMP (EWA) - GRADING PLAN	145	C-144	KALANIANAOLE HWY. & INOAOLE STREET - GRADING PLAN			
98	C-97	PALI HIGHWAY & H1 OFF RAMP (EWA) - GRADING PLAN	146	C-145	KALANIANAOLE HWY. & HIHIMANU STREET - SITE & GRADING PLAN			
99	C-98	PALI HIGHWAY & MILO - SITE & GRADING PLAN	147	C-146	KALANIANAOLE HWY. & HINALEA STREET - SITE & GRADING PLAN			
100	C-99	PALI HIGHWAY & HONGWANJI MISSION - SITE & GRADING PLAN	148	C-147	KALANIANAOLE HWY. & NAKINI STREET - SITE PLAN			
101	C-100	PALI HIGHWAY & 1764 - SITE PLAN	149	C-148	KALANIANAOLE HWY. & NAKINI STREET - GRADING PLAN			
102	C-101	PALI HIGHWAY & 1764 - GRADING PLAN						
103	C-102	PALI HIGHWAY & KUAKINI ON-RAMP - SITE & GRADING PLAN	150	C-149	TYPICAL TRAFFIC CONTROL PLAN - 1	155 S-1	C-155	LIKELIKE HWY. AT ANOI ROAD-SITE PLAN
104	C-103	PALI HIGHWAY & KAWANANAKOA SCHOOL - SITE & GRADING PLAN	151	C-150	TYPICAL TRAFFIC CONTROL PLAN - 2	155 S-2	C-156	KAM. HWY. BET. PUAHUULA PL. & KUU HOME PL. - SITE PLAN
105	C-104	PALI HIGWAY & PHILIPPINE CONSULATE - SITE & GRADING PLAN	152	C-151	TYPICAL TRAFFIC CONTROL PLAN - 3			
106	C-105	PALI HIGHWAY & COELHO WAY - SITE & GRADING PLAN	153	C-152	TYPICAL TRAFFIC CONTROL PLAN - 4	155 S-3	C-157	LIKELIKE HWY. AT NALANIEHA ST.-SITE PLAN
107	C-106	PALI HIGHWAY & ALLEY - SITE & GRADING PLAN	154	C-153	TYPICAL TRAFFIC CONTROL PLAN - 5	155 S-4	C-158	LIKELIKE HWY. AT NALANIELA ST.-PLAN & DETAILS
108	C-107	PALI HIGHWAY & 2702 ENTRANCE - SITE & GRADING PLAN	155	C-154	TYPICAL TRAFFIC CONTROL PLAN - 6			
109	C-108	PALI HIGHWAY & ST. STEPHEN'S CHURCH - SITE & GRADING PLAN						
110	C-109	PALI HIGHWAY & AHI PLACE - SITE PLAN			ELECTRICAL PLANS			
111	C-110	PALI HIGHWAY & AHI PLACE - GRADING PLAN	156	E-1	SYMBOL LIST & DUCT SECTIONS, MISCELLANEOUS DETAILS			
112	C-111	PALI HIGHWAY & LAIMI ROAD - SITE & GRADING PLAN	157	E-2	PULLBOX DETAILS			
113	C-112	PALI HIGHWAY & AHIPUU STREET - SITE PLAN	158	E-3	PEDESTRIAN PUSH BUTTON DETAILS			
114	C-113	PALI HIGHWAY & AHIPUU STREET - GRADING PLAN	159	E-4	TEMPORARY MICROWAVE DETECTOR DETAIL			
115	C-114	PALI HWY. & QUEEN EMMA SUMMER PALACE-SITE & GRADING PLAN	160	E-5	NOTES			
116	C-115	PALI HIGHWAY & PUIWA ROAD - SITE PLAN	161	E-6	VINEYARD BLVD. & PALAMA STREET - ELECTRICAL SITE PLAN			
117	C-116	PALI HIGHWAY & PUIWA ROAD - GRADING PLAN	162	E-7	VINEYARD BLVD. & PALAMA STREET - ELECTRICAL PLAN			
118	C-117	PALI HIGHWAY & PUIWA ROAD - GRADING PLAN	163	E-8	VINEYARD BLVD. & LILIHA STREET - ELECTRICAL SITE PLAN			
119	C-118	PALI HIGHWAY & PULE LEHUA WAY - SITE & GRADING PLAN	164	E-9	VINEYARD BLVD. & LILIHA STREET - ELECTRICAL PLAN			
120	C-119	PALI HIGHWAY & HINALO PLACE - SITE & GRADING PLAN	165	E-10	VINEYARD BLVD. & MAUNAKEA STREET - ELECTRICAL SITE PLAN			
121	C-120	PALI HIGHWAY & WOOD STREET - SITE PLAN	166	E-11	VINEYARD BLVD. & NUUANU AVENUE - ELECTRICAL SITE PLAN			
122	C-121	PALI HIGHWAY & WOOD STREET - GRADING PLAN	167	E-12	VINEYARD BLVD. & PALI HIGHWAY - ELECTRICAL SITE PLAN			
123	C-122	PALI HIGHWAY & WOOD STREET - GRADING PLAN	168	E-13	VINEYARD BLVD. & PALI HIGHWAY - ELECTRICAL PLAN			
124	C-123	PALI HIGHWAY & DOWSETT AVENUE - SITE PLAN	169	E-14	VINEYARD BLVD. & QUEEN EMMA STREET - ELECTRICAL SITE PLAN			
125	C-124	PALI HIGHWAY & DOWSETT AVENUE - GRADING PLAN	170	E-15	VINEYARD BLVD. & QUEEN EMMA STREET - ELECTRICAL PLAN			
126	C-125	PALI HIGHWAY & DOWSETT AVENUE - GRADING PLAN	171	E-16	PALI HIGHWAY. & H1 OFF RAMP - ELECTRICAL SITE PLAN			
127	C-126	PALI HIGHWAY & KEPOLA PLACE - SITE & GRADING PLAN	172	E-17	PALI HIGHWAY & H1 OFF RAMP (EWA) - ELECTRICAL SITE PLAN			
128	C-127	PALI HIGHWAY & NUUANU PALI DRIVE - SITE PLAN	173	E-18	PALI HIGHWAY & WAOKANAKA STREET - ELECTRICAL SITE PLAN			
129	C-128	PALI HIGHWAY & NUUANU PALI DRIVE - GRADING PLAN	174	E-19	PALI HWY. & CASTLE JUNCTION (HOSPITAL) - ELECTRICAL SITE PLAN			
130	C-129	PALI HIGHWAY & WAOKANAKA STREET - SITE & GRADING PLAN	175	E-20	PALI HIGHWAY & CASTLE JUNCTION (HOSPITAL) - ELECTRICAL PLAN			
131	C-130	PALI HIGHWAY & AULOA ROAD - SITE & GRADING PLAN	176	E-21	VINEYARD BLVD. & PUA LANE- ELECTRICAL SITE PLAN			
132	C-131	PALI HIGHWAY & ULUHALA STREET - SITE & GRADING PLAN	177	E-22	VINEYARD BLVD. & AALA STREET- ELECTRICAL SITE PLAN			
133	C-132	PALI HIGHWAY & CASTLE JUNCTION (HOSPITAL) - SITE PLAN	178	E-23	PALI HIGHWAY & AHI PLACE- ELECTRICAL SITE PLAN			
134	C-133	PALI HIGHWAY & CASTLE JUNCTION (HOSPITAL) - GRADING PLAN	179	E-24	KALANIANAOLE HWY & POALIMA STREET - ELECTRICAL SITE PLAN			
135	C-134	PALI HIGHWAY & CASTLE JUNCTION (HOSPITAL) - GRADING PLAN	180	E-25	KALANIANAOLE HWY & MOOLE STREET - ELECTRICAL SITE PLAN			
136	C-135	PALI HWY. & KOOLAU FARMERS GARDEN - SITE & GRADING PLAN	181	E-26	PALI HIGHWAY & LAIMI ROAD - ELECTRICAL SITE PAN			

ORIGINAL PLAN	SURVEY PLOTTED BY _____	DATE _____
	DRAWN BY _____	" _____
	TRACED BY _____	" _____
	DESIGNED BY _____	" _____
NOTE BOOK	QUANTITIES BY _____	" _____
	CHECKED BY _____	" _____
	No. _____	" _____



STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

DETAILED INDEX - 2

Pedestrian Facilities & ADA Compliance
at Various Locations on Oahu, Unit 1
Fed. Aid Proj. No. CMAQ-0300(92)

Scale: As Noted Date: August 2004

SHEET No. C-2 OF 154 SHEETS

"AS-BUILT"