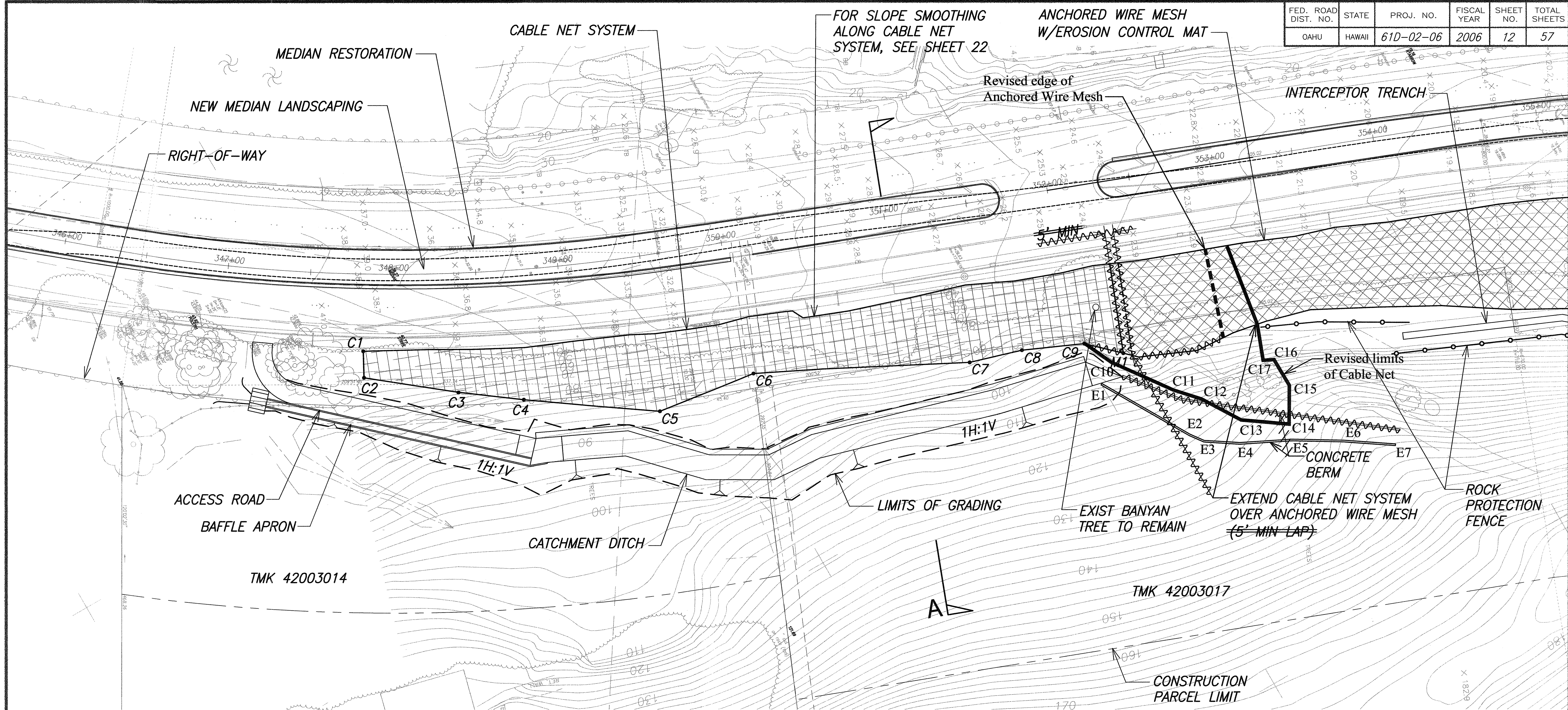




CABLE NET SYSTEM

POINT	HIGHWAY STA	O/S RT
C1	347+82.71	46.8'
C2	347+83.45	62.8'
C3	348+36.74	72.0'
C4	348+73.66	78.8'
C5	349+48.39	94.7'
C6	350+06.70	81.1'
C7	351+37.10	95.3'
C8	351+69.52	93.0'
C9	352+07.51	95.1'
M1	352+29.89	104.6'

CABLE NET SYSTEM (ADDITIONAL)

POINT	HIGHWAY STA	O/S RT
C10	352+21.86	108.80
C11	352+56.10	131.25
C12	352+72.49	139.54
C13	352+93.96	155.78
C14	353+22.33	162.93
C15	353+26.17	139.81
C16	353+19.47	122.97
C17	353+12.92	122.34

CONCRETE BERM

POINT	HIGHWAY STA	O/S RT
E1	352+13.89	121.02
E2	352+61.92	159.85
E3	352+69.72	164.88
E4	352+91.02	169.66
E5	353+22.35	172.67
E6	353+53.14	178.22
E7	353+83.99	185.43

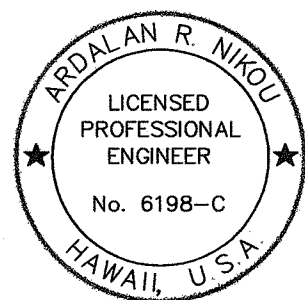
LEGEND FOR AS-BUILT POSTINGS

Squiggly line for as-built deletion

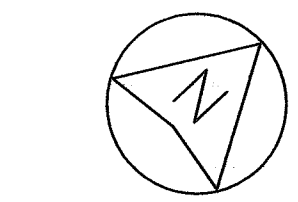
Double line for as-built deletion

Roadway Text for as-built posting

EarthTech
A tyco International Ltd. Company



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



GRAPHIC SCALE
30 0 30 60
SCALE: 1"=30'

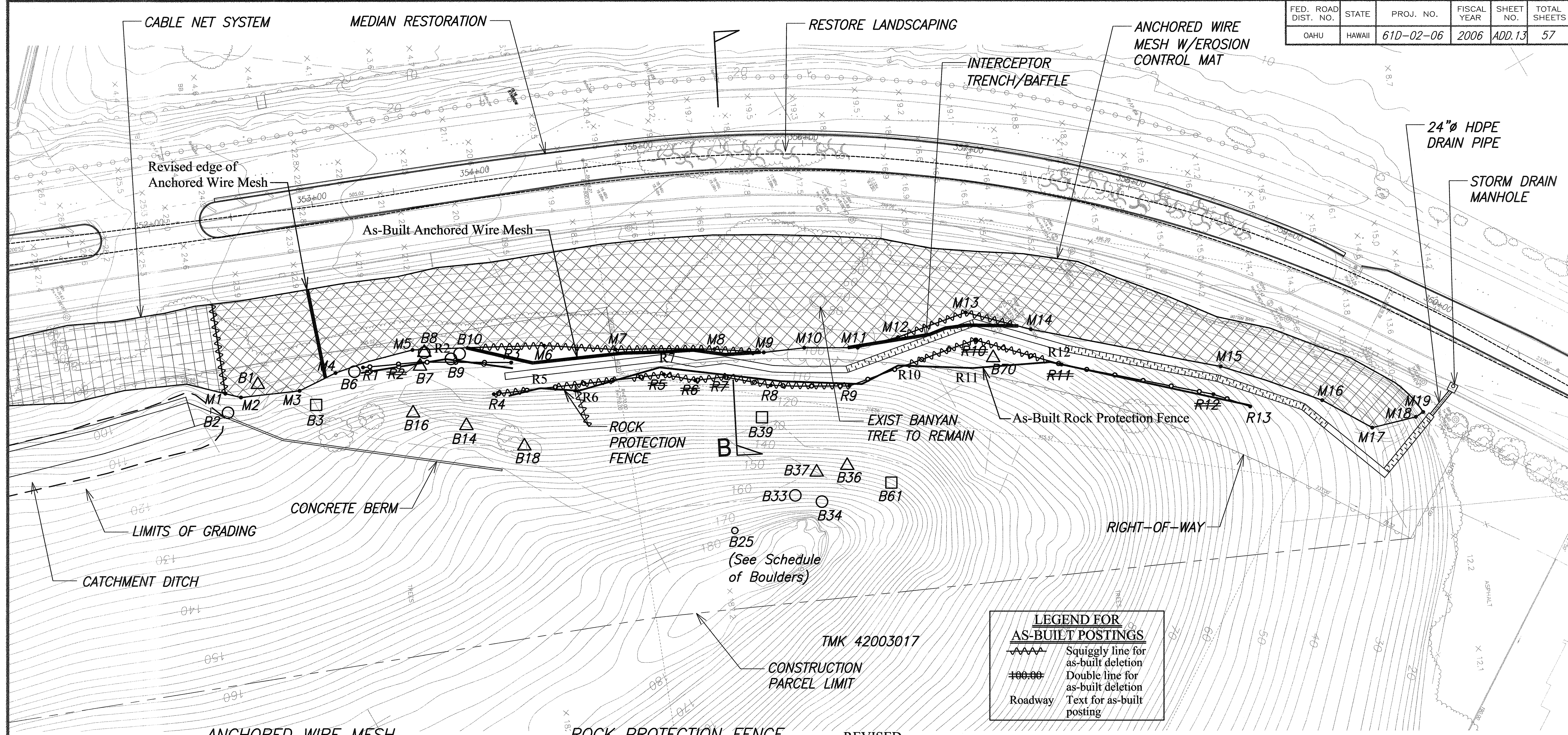
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

SITE PLAN-SOUTH

KAILUA ROAD PERMANENT
ROCKFALL AND LANDSLIDE MITIGATION
PROJECT NO. 61D-02-06

Scale: As Noted Date: Aug 2006
SHEET No. 1 OF 2 SHEETS

"AS-BUILT"



ANCHORED WIRE MESH

POINT	HIGHWAY STA	O/S RT	POINT	HIGHWAY STA	O/S RT
M1	352+29.89	104.6'	M14	357+59.37	97.4'
M2	352+38.82	108.3'	M15	358+91.47	86.1'
M3	352+74.53	110.1'	M16	359+63.47	79.9'
M4	352+97.74	102.9'	M17	359+98.76	80.9'
M5	353+46.03	96.6'	M18	360+19.35	63.2'
M6	354+25.22	106.8'	M19	360+22.00	58.6'
M7	354+67.78	116.0'			
M8	355+37.90	122.7'			
M9	355+73.07	126.1'			
M10	356+02.22	123.5'			
M11	356+40.51	122.3'			
M12	356+68.60	114.1'			
M13	357+13.09	94.3'			

ROCK PROTECTION FENCE

POINT	HIGHWAY STA	O/S RT	Highway Sta	O/S Rt
R1	353+14.73	102.3'	353+13.14	105.36
R2	353+48.80	104.5'	353+65.25	105.32
R3	354+03.90	113.7'	354+04.33	117.28
R4	353+90.48	130.9'	353+99.26	133.39
R5	354+99.79	135.0'	354+18.81	131.90
R6	355+22.23	140.6'	354+41.64	137.18
R7	355+43.58	139.8'	354+97.55	130.51
R8	355+77.72	146.1'	355+85.14	143.74
R9	356+36.05	145.7'	356+45.11	144.14
R10	357+22.61	109.9'	356+70.53	131.21
R11	357+85.86	114.0'	357+24.46	126.87
R12	358+93.74	103.4'	357+77.89	114.13
R13	359+20.62	101.7'	359+19.85	101.19

REVISED

BOULDER MITIGATION METHOD:

- BOULDER DEMOLITION
- △ ROCK BOLT ANCHORING
- ROCK STRAPING

- Notes:
- Revised Boulder Mitigation not shown, see Sheet ADD. 23 for changes.
 - See Sheet 15 for revised trench layout.

9/11/06 Added location for Boulder B70

Date Revision

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
HIGHWAYS DIVISION

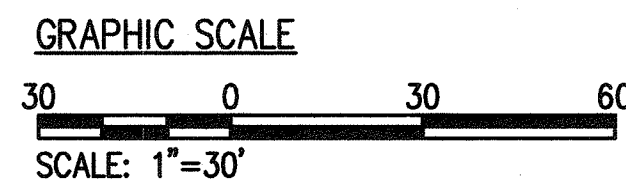
SITE PLAN-NORTH

KAILUA ROAD PERMANENT
ROCKFALL AND LANDSLIDE MITIGATION
PROJECT NO. 61D-02-06

Scale: As Noted Date: Aug 2006

SHEET No. 2 OF 2 SHEETS

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



"AS-BUILT"

ADD. 13