C. Takami 22Oct 03:
- Waipapa Mauka site to small for central only, etc.
- Waikuku Ag sold to party not available for afforestation or development
WAIKAPU TANK SITE WELL DEVELOPMENT
WAIKAPU, MAUI, HAWAII
DWS JOB NO. 01-13
TMK: (2) 3-5-004:022 & 099

PREPARED FOR:
COUNTY OF MAUI
DEPARTMENT OF WATER SUPPLY
200 SOUTH HIGH STREET
WAILUKU, HAWAII 96793

CIVIL ENGINEER:
RONALD M. FUKUMOTO ENGINEERING, INC.
1721 WILI PA LOOP SUITE 203
WAILUKU, HAWAII 96793

STRUCTURAL ENGINEER:
ARNOLD T. OKUBO & ASSOCIATES, INC.
94-529 UKEE STREET, SUITE 107
WAIPAHU, HAWAII 96797

ELECTRICAL ENGINEER:
MORIKAWA & ASSOCIATES, LLC
P.O. BOX 880280
PUKALANI, HAWAII 96788

LOCATION MAP

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APPROVED BY

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LOT 2
DEPARTMENT OF WATER SUPPLY
COUNTY OF MAUI
(OWNER)

NOTE: 2:1 WAX
SLOPE IN OUT

EXIST, 300,000
GAL. WAIKAPU TANK
FF ELEV. 782.75 FT
OVERFLOW ELEV. 778.85 FT

NEW DETENTION / RETENTION BASK

CONC. SPILLWAY
(SEE DETAIL THIS SHEET)

PUMP CONTROL / CHLORINATION BUILDING
(SEE STRUCTURAL SHEETS)

PLAN - SPILLWAY
SCALE: 1/4" = 1'-0"

SECTION A-A
SCALE: 1/4" = 1'-0"

SECTION B-B
SCALE: 1/4" = 1'-0"

SECTION C-C
SCALE: 1/4" = 1'-0"

SECTION D-D
SCALE: 1/4" = 1'-0"

SECTION E-E
SCALE: 1/4" = 1'-0"

ASSIGNED PROJECT BENCHMARKS

EARTHWORK QUANTITIES:

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PROJECT BENCHMARK

WAIKO ROAD

GRADING PLAN
NOTES:
1. EXISTING CHAIN LINK FENCE TO BE REMOVED SHOWN TO BE SALVAGED AND DELIVERED TO DWS BASEMENT.
2. CONTRACTOR TO VERIFY DEPTHS OF INVERTS AT CONNECTION POINTS BEFORE PLACEMENT OF NEW PIPING TO ENSURE THAT NO "HIGH POINTS" ARE CREATED IN NEW PIPING RUNS.
3. NO "HIGH POINTS" ARE TO BE CREATED IN NEW PIPING RUNS.
4. CONTRACTOR TO PROVIDE Fittings TO CONNECT 4" DRAIN UNE TO WAIKAMU TANK WHILE ENSURING POSITIVE DRAINAGE.
5. EMERGENCY EXIT AND SHOWERS WILL BE MANUFACTURED BY GEAR EQUIPMENT COMPANY AND WILL COMPLY WITH ANSI Z358.1 OR EQUIVALENT.
6. CONTRACTOR TO ENSURE SLOPE BETWEEN NEW REDUCED PRESSURE BACKFLOW PREVENTER (SEE DATA SHEET) AND INSTALL WITH DIELECTRIC UNIONS.
7. CHLORINE RESIDUE MONITOR THE ANALYZER CONNECTION (CONTRACTOR TO PROVIDE) WILL BE CONNECTED TO PRESSURE LINE THROUGH COPPER OUTLET UNE.
8. OUTLET UNE TO ROOF DRAIN.
9. DRAIN TO OWNERS OUTFALL.
11. NEW 8" DRAIN.
12. 25.00" (CONTRACTOR TO VERIFY EXACT LOCATION IN FIELD)