

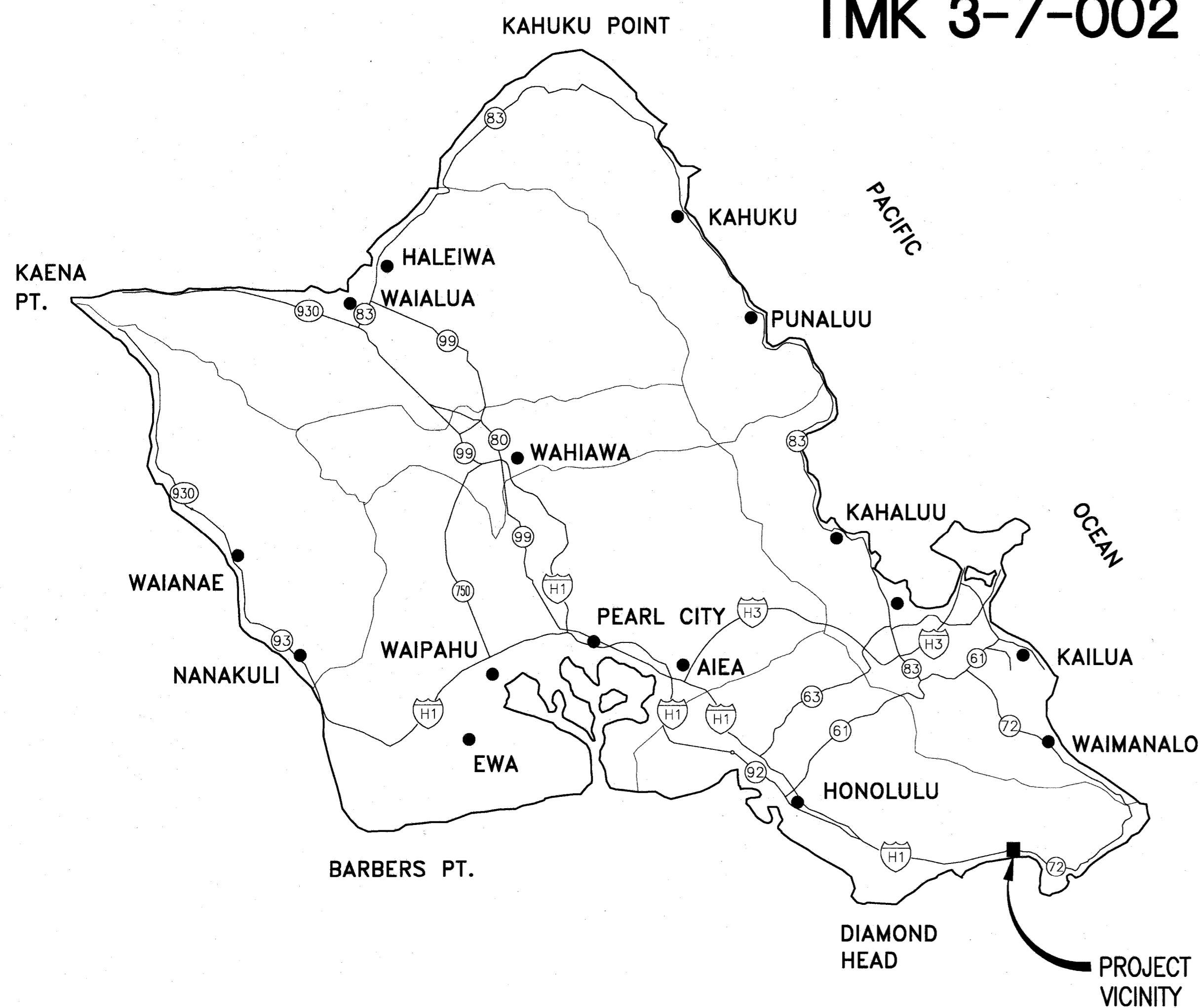
STATE OF HAWAII
 DEPARTMENT OF LAND AND NATURAL RESOURCES
 ENGINEERING DIVISION

FOR
 LAND DIVISION
 JOB NO. J40C030A

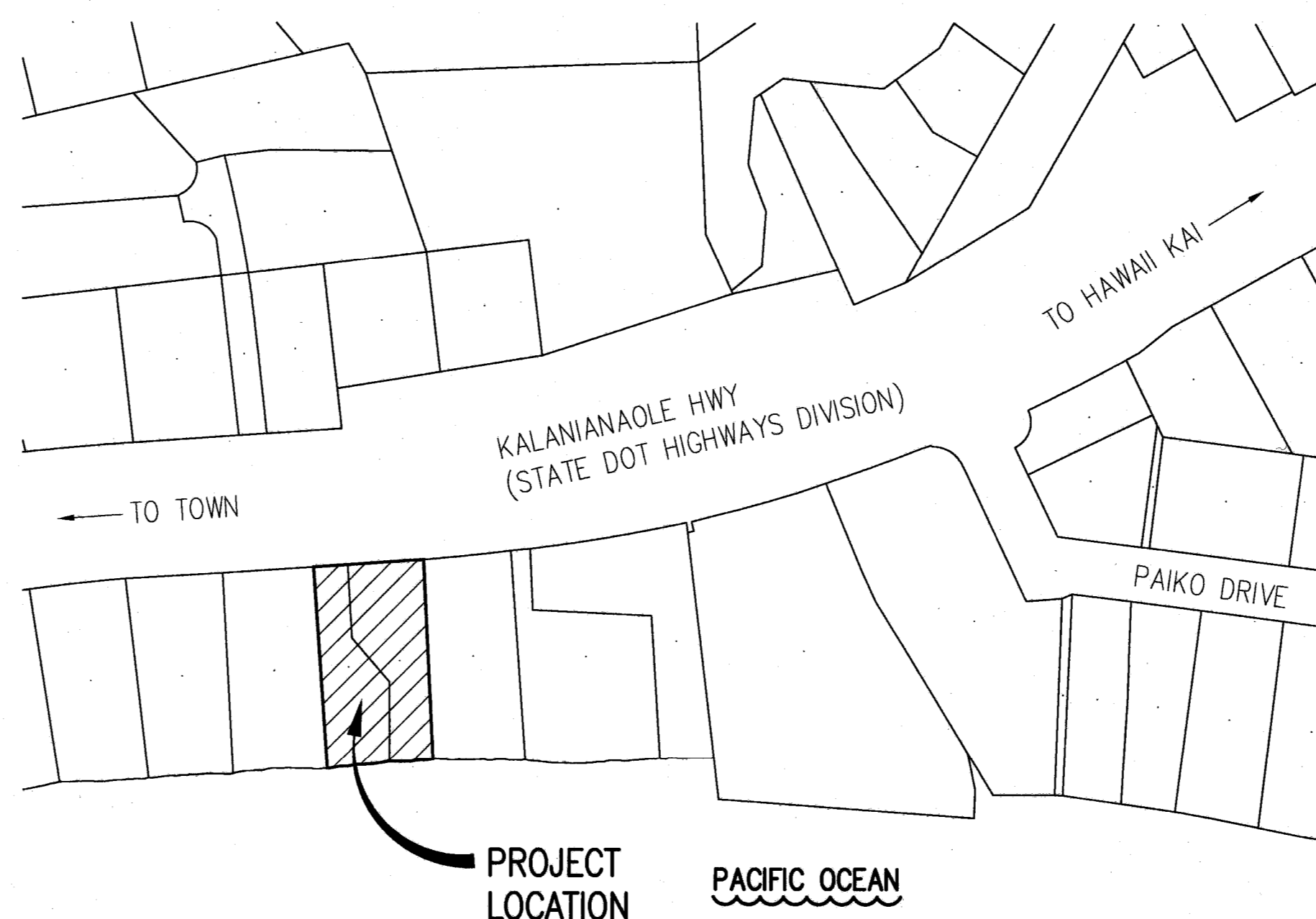
KALAUHA'HA'I FISHPOND (LUCAS SPRING) DEMOLITION PACKAGE

Niu Valley, Oahu, Hawaii

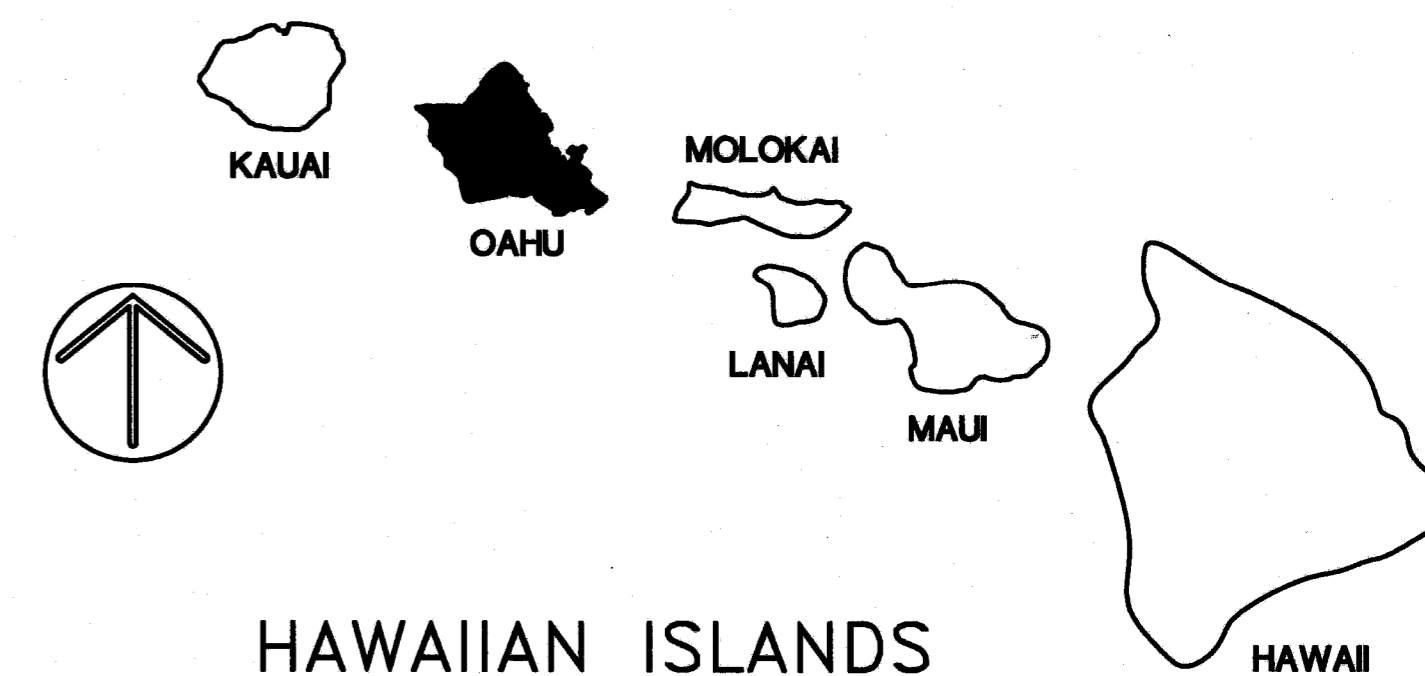
TMK 3-7-002 : 018 and TMK 3-7-002 : 077



OAHU - VICINITY MAP
 NOT TO SCALE



LOCATION MAP
 NOT TO SCALE



APPROVED

RUSSELL Y. TSUJI, ADMINISTRATOR
 LAND DIVISION
 DEPARTMENT OF LAND AND NATURAL RESOURCES

5/9/14
 DATE

CARTY S. CHANG, CHIEF ENGINEER
 ENGINEERING DIVISION
 DEPARTMENT OF LAND AND NATURAL RESOURCES

5/9/16
 DATE

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CONSTRUCTION NOTES

- ALL APPLICABLE CONSTRUCTION WORK SHALL BE DONE IN ACCORDANCE WITH THE STANDARD PLANS, 2008, AND STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, 2005, AS AMENDED, OF THE STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION.
- THE UNDERGROUND PIPES, CABLES OR DUCTLINES KNOWN TO EXIST BY THE ENGINEER FROM HIS SEARCH OF RECORDS ARE INDICATED ON THE PLANS. THE CONTRACTOR SHALL VERIFY THE LOCATIONS AND DEPTHS OF THE FACILITIES AND EXERCISE PROPER CARE IN EXCAVATING IN THE AREA. THE CONTRACTOR SHALL CONFIRM THAT ALL UTILITIES TO THE PROJECT SITE ARE INACTIVE PRIOR TO THE START OF THE DEMOLITION WORK. IN THE EVENT THAT THE PROJECT SITE IS STILL RECEIVING UTILITY SERVICE, THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE STOPPAGE OF UTILITY SERVICE WITH THE DEPARTMENT OF LAND AND NATURAL RESOURCES AND THE APPLICABLE UTILITY COMPANY TO ARRANGE FOR THE SHUTDOWN OF UTILITY SERVICE.
- NO CONTRACTOR SHALL PERFORM ANY CONSTRUCTION OPERATION SO AS TO CAUSE FALLING ROCKS, SOIL OR DEBRIS IN ANY FORM TO FALL, SLIDE OR FLOW INTO EXISTING CITY/STATE DRAINAGE SYSTEMS, ADJOINING PROPERTIES, STREETS, NATURAL WATERCOURSES, OR THE FISHPOND. SHOULD SUCH VIOLATIONS OCCUR, THE CONTRACTOR MAY BE CITED AND THE CONTRACTOR SHALL IMMEDIATELY MAKE ALL REMEDIAL ACTIONS NECESSARY.
- THE GENERAL CONTRACTOR/DEVELOPER/OWNER OF THE PROJECT SHALL BE RESPONSIBLE FOR CONFORMANCE WITH APPLICABLE PROVISIONS OF THE HAWAII ADMINISTRATIVE RULES, TITLE 11, CHAPTER 54, "WATER QUALITY STANDARDS" AND TITLE 11, CHAPTER 55, "WATER POLLUTION CONTROL", AS WELL AS CHAPTER 14 OF THE REVISED ORDINANCES OF HONOLULU, AS AMENDED. BEST MANAGEMENT PRACTICES SHALL BE EMPLOYED AT ALL TIMES DURING CONSTRUCTION.
- IN ACCORDANCE WITH STATE LAW, ALL DISCHARGES RELATED TO PROJECT CONSTRUCTION OR OPERATIONS ARE REQUIRED TO COMPLY WITH STATE WATER QUALITY STANDARDS (HAWAII ADMINISTRATIVE RULES, CHAPTER 11-54). BEST MANAGEMENT PRACTICES SHALL BE USED TO MINIMIZE OR PREVENT THE DISCHARGE OF SEDIMENT, DEBRIS, AND OTHER POLLUTANTS TO STATE WATERS. PERMIT COVERAGE IS AVAILABLE FROM THE DEPARTMENT OF HEALTH, CLEAN WATER BRANCH AT [HTTP://HEALTH.HAWAII.GOV/CWB](http://health.hawaii.gov/cwb). THE OWNER/DEVELOPER/CONTRACTOR IS RESPONSIBLE FOR OBTAINING OTHER FEDERAL, STATE, OR LOCAL AUTHORIZATIONS AS REQUIRED BY LAW.
- PURSUANT TO CHAPTER 6E, HRS, IN THE EVENT ANY ARTIFACTS OR HUMAN REMAINS ARE UNCOVERED DURING CONSTRUCTION OPERATIONS, THE CONTRACTOR SHALL IMMEDIATELY SUSPEND WORK AND NOTIFY THE HONOLULU POLICE DEPARTMENT, THE STATE DEPARTMENT OF LAND AND NATURAL RESOURCES-HISTORIC PRESERVATION DIVISION (692-8015). IN ADDITION, FOR NON-CITY PROJECTS, THE CONTRACTOR SHALL INFORM THE CIVIL ENGINEERING BRANCH, DEPARTMENT OF PLANNING AND PERMITTING (768-8084); AND FOR CITY PROJECTS, NOTIFY THE RESPONSIBLE CITY AGENCY.

ARCHAEOLOGICAL NOTES

- IF, DURING CONSTRUCTION, ANY ARCHAEOLOGICAL SITES OR REMAINS (SUCH AS ARTIFACTS, SHELL, BONE, OR CHARCOAL DEPOSITS, HUMAN BURIALS, ROCK OR CORAL ALIGNMENTS, PAYINGS, OR WALLS) ARE ENCOUNTERED, THE CONTRACTOR SHALL IMMEDIATELY SUSPEND WORK AND NOTIFY THE HONOLULU POLICE DEPARTMENT, THE STATE DEPARTMENT OF LAND AND NATURAL RESOURCES-HISTORIC PRESERVATION DIVISION (692-8015). IN ADDITION, FOR NON-CITY PROJECTS, THE CONTRACTOR SHALL INFORM THE CIVIL ENGINEERING BRANCH, D.P.P. (768-8084); AND FOR CITY PROJECTS, NOTIFY THE RESPONSIBLE CITY AGENCY.

PUBLIC HEALTH, SAFETY AND CONVENIENCE NOTES

- THE CONTRACTOR SHALL OBSERVE AND COMPLY WITH ALL FEDERAL, STATE AND LOCAL LAWS REQUIRED FOR THE PROTECTION OF PUBLIC HEALTH AND SAFETY AND ENVIRONMENTAL QUALITY.
- THE CONTRACTOR, AT HIS OWN EXPENSE, SHALL KEEP THE PROJECT AND ITS SURROUNDING AREAS FREE FROM DUST NUISANCE. THE WORK SHALL BE IN CONFORMANCE WITH THE AIR POLLUTION STANDARDS AND REGULATIONS OF THE STATE DEPARTMENT OF HEALTH. THE STATE SHALL REQUIRE MEASURES AS NECESSARY.
- THE CONTRACTOR SHALL NOT PERFORM ANY GRADING/CONSTRUCTION OPERATION SO AS TO CAUSE FALLING ROCKS, SOIL OR DEBRIS IN ANY FORM TO FALL, SLIDE OR FLOW ONTO ADJOINING PROPERTIES, STREETS, NATURAL WATER COURSES, OR THE FISHPOND. SHOULD SUCH VIOLATIONS OCCUR, THE COSTS INCURRED FOR ANY REMEDIAL ACTION BY THE STATE SHALL BE PAYABLE BY THE CONTRACTOR.
- THE CONTRACTOR SHALL PROVIDE, INSTALL AND MAINTAIN ALL NECESSARY SIGNS, BARRICADES AND OTHER PROTECTIVE FACILITIES AND SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE PROTECTION, CONVENIENCE AND SAFETY OF THE PUBLIC.
- THE CONTRACTOR SHALL APPLY FOR A PERMIT WITH A NOISE CONTROL PLAN AND OTHER REQUIRED POLLUTION CONTROL PLANS.

WATER POLLUTION AND GOOD HOUSEKEEPING NOTES

- MATERIALS POLLUTION PREVENTION PLAN
 - APPLICABLE MATERIALS OR SUBSTANCES LISTED BELOW ARE EXPECTED TO BE PRESENT ONSITE DURING CONSTRUCTION. OTHER MATERIALS AND SUBSTANCES NOT LISTED BELOW SHALL BE ADDED TO THE INVENTORY.

CONCRETE	FERTILIZERS	METAL STUDS
DETERGENTS	PETROLEUM BASED PRODUCTS	WOOD
MASONRY BLOCK	CLEANING SOLVENTS	
 - MATERIAL MANAGEMENT PRACTICES SHALL BE USED TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS AND SUBSTANCES TO STORM WATER RUNOFF AND THE FISHPOND. AN EFFORT SHALL BE MADE TO STORE ONLY ENOUGH PRODUCT AS IS REQUIRED TO DO THE JOB.
 - ALL MATERIALS STORED ONSITE SHALL BE STORED IN A NEAT, ORDERLY MANNER IN THEIR APPROPRIATE CONTAINERS AND IF POSSIBLE UNDER A ROOF OR OTHER ENCLOSURE.
 - PRODUCTS SHALL BE KEPT IN THEIR ORIGINAL CONTAINERS WITH THE ORIGINAL MANUFACTURER'S LABEL.
 - SUBSTANCES SHALL NOT BE MIXED WITH ONE ANOTHER UNLESS RECOMMENDED BY THE MANUFACTURER.
 - WHENEVER POSSIBLE, A PRODUCT SHALL BE USED UP COMPLETELY BEFORE DISPOSING OF THE CONTAINER.
 - MANUFACTURER'S RECOMMENDATIONS FOR PROPER USE AND DISPOSAL SHALL BE FOLLOWED.
 - THE CONTRACTOR SHALL CONDUCT A DAILY INSPECTION TO ENSURE PROPER USE AND DISPOSAL OF MATERIALS ONSITE.
- ONSITE AND OFFSITE PRODUCTS SPECIFIC PLAN
 - THE FOLLOWING PRODUCT SPECIFIC PRACTICES SHALL BE FOLLOWED ONSITE:
 - PETROLEUM BASED PRODUCTS: ALL ONSITE VEHICLES SHALL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE. PETROLEUM PRODUCTS SHALL BE STORED IN TIGHTLY SEALED CONTAINERS WHICH ARE CLEARLY LABELED. ANY ASPHALT SUBSTANCES USED ONSITE SHALL BE APPLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATION.
 - FERTILIZERS: FERTILIZERS USED SHALL BE APPLIED ONLY IN THE MINIMUM AMOUNTS RECOMMENDED BY THE MANUFACTURER. ONCE APPLIED, FERTILIZER SHALL BE WORKED INTO THE SOIL TO LIMIT EXPOSURE TO STORM WATER. STORAGE SHALL BE IN A COVERED SHED. THE CONTENTS OF ANY PARTIALLY USED BAGS OF FERTILIZER SHALL BE TRANSFERRED TO A SEALABLE PLASTIC BIN TO AVOID SPILLS.
 - CONCRETE MIXING/TRANSPORT ITEMS: CONCRETE MIXING/TRANSPORT ITEMS (TRUCKS, WHEELBARROWS, ETC.) SHALL BE ALLOWED TO WASH OUT OR DRUM WASH WATER ONLY AT A DESIGNATED SITE AS SHOWN. WATER SHALL NOT BE DISCHARGED IN THE CITY DRAINAGE SYSTEM OR WATERS OF THE UNITED STATES. THE CONTRACTOR SHALL CONTACT DRINKING WATER BRANCH, DEPARTMENT OF HEALTH AT 586-4258 TO RECEIVE PERMISSION TO DESIGNATE A DISPOSAL SITE. THE CONTRACTOR SHALL CLEAN DISPOSAL SITE AS REQUIRED OR AS REQUESTED BY THE OWNER'S REPRESENTATIVE.
 - OFFSITE VEHICLE TRACKING: A STABILIZED CONSTRUCTION ENTRANCE AND VEHICLE WASHDOWN AREA SHALL BE PROVIDED TO HELP REDUCE VEHICLE TRACKING OF SEDIMENTS. THE PAVED STREET ADJACENT TO THE SITE ENTRANCE SHALL BE CLEANED DAILY OR AS REQUIRED TO REMOVE ANY EXCESS MUD, COLD PLANED MATERIALS, DIRT OR ROCK TRACKED FROM THE SITE. DUMP TRUCKS HAULING MATERIAL TO/OR FROM THE CONSTRUCTION SITE SHALL BE COVERED WITH A TARPULIN.

NOTES FOR ENVIRONMENTAL PROTECTION

- THE CONTRACTOR, AT HIS OWN EXPENSE, SHALL PROVIDE EFFECTIVE MEASURES FOR THE CONTROL OF FUGITIVE DUST EMISSIONS FROM THE PROJECT AND SURROUNDING AREAS CAUSED BY HIS OPERATIONS. THESE MEASURES SHALL MEET THE REQUIREMENTS OF STATE ADMINISTRATIVE RULES, DEPARTMENT OF HEALTH, AIR POLLUTION CONTROL (11-60.1)
- ALL SITE DISTURBANCE OPERATIONS SHALL BE PERFORMED IN CONFORMANCE WITH THE APPLICABLE PROVISIONS OF THE GRADING ORDINANCE TO PREVENT VIOLATION OF THE STATE ADMINISTRATIVE RULES, DEPARTMENT OF HEALTH, WATER POLLUTION CONTROL AND WATER QUALITY STANDARDS. (11-54, 11-55) DUE TO EROSION AND RUN OFF TO STATE WATERS.
- ALL SLOPES AND EXPOSED AREAS SHALL BE SODED OR PLANTED IMMEDIATELY AFTER THE SITE DISTURBANCE WORK HAS BEEN COMPLETED.
- GRUB MATERIAL, DEMOLITION WASTES, AND CONSTRUCTION WASTES SHALL BE DISPOSED OF AT AN AUTHORIZED SITE HAVING A DEPARTMENT OF HEALTH SOLID WASTE MANAGEMENT PERMIT. OPEN BURNING IS PROHIBITED. THE CONTRACTOR SHALL INFORM THE COUNTY ENGINEER OF THE LOCATION OF THE DISPOSAL SITES. THE DISPOSAL SITE MUST ALSO FULFILL THE REQUIREMENTS OF THE GRADING ORDINANCES.
- ALL EXCESS MATERIAL SHALL BE REMOVED FROM THE PROJECT SITE.
- ANY EXPOSED AREAS OF THE PROJECT SITE AFFECTED BY THE SITE DISTURBANCE SHALL BE KEPT DAMP WITH WATER FOR SEVEN (7) DAYS A WEEK. AT THE END OF EACH DAY, THE SITE SHALL BE SUFFICIENTLY DAMPENED SO THAT THE SITE WILL REMAIN MOISTENED DURING THE NIGHT.
- THE CONTRACTOR SHALL CONDUCT HIS OPERATIONS SO THAT EXCAVATION, EMBANKMENT AND IMPORTED MATERIAL SHALL BE DAMPENED WITH WATER DURING THE GRADING/SITE DISTURBANCE OPERATION.
- AFTER THE SITE HAS BEEN BARED OF VEGETATION OR AFTER SITE DISTURBANCE HAS BEGUN, IF FINAL SITE DISTURBANCE OF THE SITE IS ANTICIPATED TO BE SUSPENDED FOR MORE THAN 30 CALENDAR DAYS, TEMPORARY VEGETATIVE COVER SHALL BE PLANTED IMMEDIATELY. TEMPORARY VEGETATIVE COVER SHALL CONSIST OF 40 LBS. COMMON RYE GRASS SEED PER ACRE 400 LBS. PER ACRE OF 10-10-10 OR EQUIVALENT FERTILIZER WORKED INTO SEED BED BEFORE PLANTING. PLANTING AND MAINTENANCE OF GRASS SHALL CONFORM TO THE "HAWAII STANDARD SPECIFICATIONS FOR ROAD, BRIDGE AND PUBLIC WORKS CONSTRUCTION", SEPTEMBER 1994.

EROSION CONTROL BEST MANAGEMENT PRACTICES (BMP'S)

- PRIOR TO CONSTRUCTION, ALL EROSION CONTROL MEASURES SHALL BE INSTALLED.
- TEMPORARY EROSION CONTROLS SHALL NOT BE REMOVED BEFORE PERMANENT EROSION CONTROLS ARE IN-PLACE AND ESTABLISHED.
- AT THE END OF EACH WORK DAY, THE CONTRACTOR SHALL COLLECT AND REMOVE/DISPOSE OF PROJECT TRASH AND DEBRIS THAT HAS ACCUMULATED AROUND THE SURROUNDING CONSTRUCTION AREA.
- MAINTENANCE OF EROSION CONTROL MEASURES REQUIRED UNTIL COMPLETION OF GRADING AND CONSTRUCTION WORK.
- NO STOCKPILING OF MATERIALS ALLOWED WITHIN ROADWAY PAVEMENT.

GENERAL NOTES FOR TRAFFIC CONTROL PLAN

- THE PERMITTEE SHALL MAKE MINOR ADJUSTMENTS AT INTERSECTIONS, DRIVEWAYS, STRUCTURES, ETC., TO FIT FIELD CONDITIONS.
- CONES OR DELINEATORS SHALL BE EXTENDED TO A POINT WHERE THEY ARE VISIBLE TO APPROACHING TRAFFIC.
- TRAFFIC CONTROL DEVICES SHALL BE INSTALLED SUCH THAT THE SIGN OR DEVICE FARTHEST FROM THE WORK AREA SHALL BE PLACED FIRST. THE OTHERS SHALL THEN BE PLACED PROGRESSIVELY TOWARD THE WORK AREA.
- REGULATORY AND WARNING SIGNS WITHIN THE CONSTRUCTION ZONE THAT ARE IN CONFLICT WITH THE TRAFFIC CONTROL PLANS SHALL BE REMOVED OR COVERED. ALL SIGNS SHALL BE RESTORED UPON COMPLETION OF THE WORK.
- FLAGGERS AND/OR POLICE OFFICERS SHALL BE IN SIGHT OF EACH OTHER OR IN DIRECT COMMUNICATION AT ALL TIMES.
- WHEN REQUIRED BY THE ISSUING OFFICE, THE PERMITTEE SHALL INSTALL A FLASHING ARROW SIGNAL AS SHOWN ON THE TRAFFIC CONTROL PLANS.
- SIGN SPACINGS (D), TAPER LENGTHS (T) AND SPACINGS OF CONES OR DELINEATORS SHALL BE AS SHOWN IN TABLE 645-1, SECTION 645-WORK ZONE TRAFFIC CONTROL OF THE SPECIFICATIONS, UNLESS OTHERWISE NOTED ON THE TRAFFIC CONTROL PLANS.
- ALL TRAFFIC LANES SHALL BE A MINIMUM OF 10 FEET WIDE.
- ALL CONSTRUCTION WARNING SIGNS SHALL BE PROMPTLY REMOVED OR COVERED WHENEVER THE MESSAGE IS NOT APPLICABLE OR NOT IN USE.
- THE BACKS OF ALL SIGNS USED FOR TRAFFIC CONTROL SHALL BE APPROPRIATELY COVERED TO PRECLUDE THE DISPLAY OF INAPPLICABLE SIGN MESSAGES (I.E., WHEN SIGNS HAVE MESSAGES ON BOTH FACES).
- AT THE END OF EACH DAY'S WORK OR AS SOON AS THE WORK IS COMPLETED, THE PERMITTEE SHALL REMOVE ALL TRAFFIC CONTROL DEVICES NO LONGER NEEDED TO PERMIT FREE AND SAFE PASSAGE OF PUBLIC TRAFFIC. REMOVAL SHALL BE IN THE REVERSE ORDER OF INSTALLATION.
- PERMANENT PAVEMENT MARKINGS AND TRAFFIC SIGNS SHALL BE REPLACED UPON THE COMPLETION OF EACH PHASE OF WORK.
- TRAFFIC CONTROL COST WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- ALL WORK ZONE TRAFFIC CONTROL DEVICES SHALL COMPLY WITH THE "STATEWIDE GUIDELINE FOR WORK ZONE TRAFFIC CONTROL DEVICES" DATED SEPTEMBER 13, 2000, AND BE COMPLIANT WITH CHAPTER 6 OF THE MUTCD.

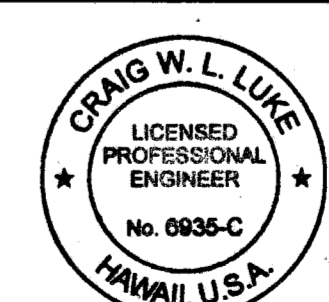
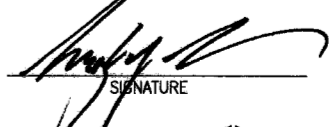
NOTES FOR CONSTRUCTION WITHIN THE STATE RIGHT-OF-WAY

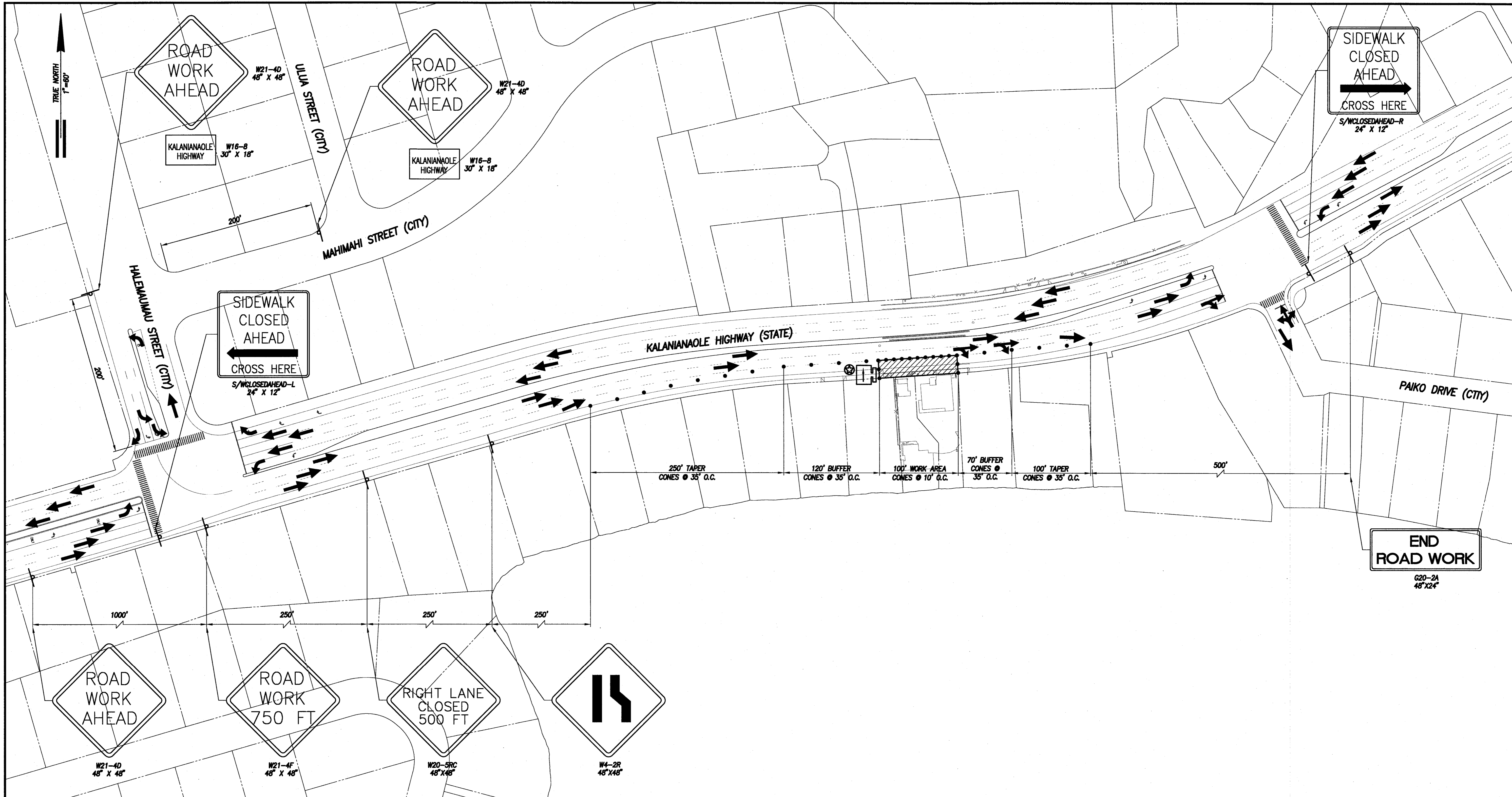
- THE CONTRACTOR SHALL OBTAIN A PERMIT TO PERFORM WORK UPON STATE HIGHWAYS FROM THE OAHU DISTRICT ENGINEER, STATE HIGHWAYS, AT 727 KAKOI STREET, PRIOR TO COMMENCEMENT OF WORK WITHIN THE STATE'S HIGHWAY RIGHT-OF-WAY.
- CONSTRUCTION AND RESTORATION OF ALL EXISTING HIGHWAY FACILITIES WITHIN THE STATE'S RIGHT-OF-WAY, INCLUDING THE LEGAL RELATIONS AND RESPONSIBILITY TO THE PUBLIC, SHALL BE IN ACCORDANCE WITH THE CURRENT HAWAII STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, AND THE SPECIFICATIONS FOR INSTALLATION OF MISCELLANEOUS IMPROVEMENTS WITHIN STATE HIGHWAYS, OF THE STATE HIGHWAYS DIVISION.
- WORK MAY BE PERFORMED ONLY BETWEEN THE HOURS OF 9:00 A.M. AND 2:00 P.M., MONDAY THROUGH FRIDAY, EXCEPT STATE HOLIDAYS, UNLESS WHEN OTHERWISE APPROVED IN WRITING BY THE DISTRICT ENGINEER.

DURING WORK HOURS, ONLY ONE LANE OF TRAFFIC SHALL BE CLOSED, UNLESS OTHERWISE APPROVED IN WRITING BY THE DISTRICT ENGINEER.

AT CERTAIN LOCATIONS, "NO LANE CLOSURE" WILL BE ALLOWED DURING THE "BACK TO SCHOOL JAM", THANKSGIVING WEEKEND, CHRISTMAS / NEW YEAR PERIOD AND AT OTHER TIMES AS DIRECTED BY THE HIGHWAYS DIVISION.
- THE CONTRACTOR SHALL PROVIDE, INSTALL, AND MAINTAIN ALL NECESSARY SIGNS, LIGHTS, FLARES, BARRICADES, MARKERS, CONES, AND OTHER PROTECTIVE FACILITIES, AND SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE PROTECTION, CONVENIENCE, AND SAFETY OF PUBLIC TRAFFIC. ALL SUCH PROTECTIVE FACILITIES AND PRECAUTIONS TO BE TAKEN SHALL CONFORM WITH THE "ADMINISTRATIVE RULES OF HAWAII GOVERNING THE USE OF TRAFFIC CONTROL DEVICES AT WORK SITES ON OR ADJACENT TO PUBLIC STREETS AND HIGHWAYS", ADOPTED BY THE DIRECTOR OF TRANSPORTATION, AND THE "U.S. FEDERAL HIGHWAY ADMINISTRATION MUTCD - MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, PART VI - TEMPORARY TRAFFIC CONTROL".

LANE CLOSURES SHALL CONFORM TO THE TRAFFIC CONTROL PLAN INCORPORATED INTO THESE CONSTRUCTION PLANS AND MUST BE APPROVED BY THE DIVISION PRIOR TO THE ISSUANCE OF THE PERMIT.
- EXISTING DRAINAGE SYSTEMS SHALL BE FUNCTIONAL AT ALL TIMES.
- THE CONTRACTOR SHALL EXERCISE CARE TO MINIMIZE DAMAGES TO EXISTING HIGHWAY IMPROVEMENTS. ALL DAMAGES SHALL BE REPAIRED BY THE CONTRACTOR, AT HIS EXPENSE, TO THE SATISFACTION OF THE DISTRICT ENGINEER.
- APPROVAL OF PERMIT CONSTRUCTION PLANS SHALL BE VALID FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF NOTIFICATION OF APPROVAL TO THE APPLICANT. IN THE EVENT CONSTRUCTION DOES NOT COMMENCE WITHIN THIS ONE-YEAR PERIOD, THE APPLICANT WILL BE REQUIRED TO RESUBMIT THE CONSTRUCTION PLANS FOR THE DIVISION'S REVIEW AND RE-APPROVAL.
- ALL REGULATORY, GUIDE, AND CONSTRUCTION SIGNS AND BARRICADES SHALL HAVE A HIGH-INTENSITY TYPE III OR IV RETROREFLECTIVE BACKGROUND.
- THE CONTRACTOR SHALL INFORM THE STATE HIGHWAYS' PERMIT OFFICE (831-6712) AT LEAST TWO (2) DAYS PRIOR TO CLOSING ANY LANES.
- DRIVEWAYS SHALL BE KEPT OPEN UNLESS THE OWNERS OF THE PROPERTIES USING THESE RIGHTS-OF-WAY ARE OTHERWISE PROVIDED FOR SATISFACTORILY.
- WHERE PEDESTRIAN WALKWAYS EXIST THEY SHALL BE MAINTAINED IN A SAFE AND PASSABLE CONDITION, OR OTHER FACILITIES FOR PEDESTRIANS SHALL BE PROVIDED. PASSAGES BETWEEN WALKWAYS AT INTERSECTIONS SHALL LIKEWISE BE PROVIDED. ALL WALKWAYS SHALL CONFORM TO ADA REQUIREMENTS.
- THE CONTRACTOR SHALL REFERENCE, TO THE SATISFACTION OF THE DISTRICT ENGINEER, ALL EXISTING TRAFFIC SIGNS, POSTS, AND PAVEMENT MARKINGS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR SHALL REPLACE OR REPAIR ALL TRAFFIC SIGNS, POSTS, AND PAVEMENT MARKINGS DISTURBED BY HIS ACTIVITIES, AT HIS EXPENSE, UNLESS DIRECTED BY THE DISTRICT ENGINEER OR HIS REPRESENTATIVE.
- THE CONTRACTOR SHALL EXERCISE CARE WHEN PERFORMING WORK IN OR ADJACENT TO THE STATE HIGHWAY RIGHT-OF-WAY. DAMAGES TO THE EXISTING FACILITIES SHALL BE IMMEDIATELY REPORTED TO THE RESPECTIVE UTILITY COMPANIES, AND/OR CITY OR STATE AGENCIES. THE REPAIR WORK SHALL BE DONE AT THE CONTRACTOR'S EXPENSE.
- HIGHWAY LIGHTS SHALL BE KEPT OPERATIONAL DURING CONSTRUCTION. SHOULD WORK BE NECESSARY, THE CONTRACTOR SHALL NOTIFY THE STATE HIGHWAYS' HIGHWAY LIGHTING SUPERVISOR (837-8056), THREE (3) WORKING DAYS PRIOR TO COMMENCING WORK.
- TRAFFIC SIGNALS SHALL BE KEPT OPERATIONAL DURING CONSTRUCTION. TEMPORARY OPERATIONAL MICROWAVE OR OTHER APPROVED DETECTION DEVICES SHALL BE INSTALLED THREE (3) WORKING DAYS PRIOR TO ANY SIGNALIZED INTERSECTION EXCAVATION WORK. ALL WORK SHALL BE DONE IN ACCORDANCE TO THE REQUIREMENTS OF THE DEPARTMENT OF TRANSPORTATION SERVICES, CITY AND COUNTY OF HONOLULU, AND PAID FOR BY THE CONTRACTOR.
- THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF TRANSPORTATION SERVICES, PUBLIC TRANSIT DIVISION AT 768-8396 AND OAHU TRANSIT SERVICES, INC. (BUS OPERATIONS: 848-4578 OR 852-6016 AND PARA-TRANSIT OPERATIONS: 454-5041 OR 454-5020) TWO WEEKS PRIOR TO COMMENCING ANY WORK. THE CONTRACTOR SHALL INFORM OF THE LOCATION AND SCOPE OF WORK, PROPOSED CLOSURE OF ANY STREET OR TRAFFIC LANES, AND THE NEED TO RELOCATE ANY BUS STOP.
- THE PERMIT TO PERFORM WORK UPON STATE HIGHWAY MAY BE REVOKED BECAUSE OF DEFAULT IN ANY OF THE FOLLOWING, BUT NOT LIMITED TO, CONDITIONS:
 - WORK PERFORMED BEFORE OF AFTER PERMITTED HOURS.
 - FAILURE TO MAINTAIN ROADWAY SURFACES IN A SMOOTH AND SAFE CONDITION.
 - FAILURE TO CLEAN UP CONSTRUCTION DEBRIS GENERATED FROM PROJECT WORK.
 - FAILURE TO PROVIDE PROPER TRAFFIC CONTROL.
 - FAILURE TO REPLACE DAMAGED PAVEMENT MARKINGS AND SIGNS.
 - FAILURE TO MAINTAIN HIGHWAY LIGHTS AND/OR TRAFFIC SIGNAL SYSTEMS
 - FAILURE TO ADDRESS PUBLIC COMPLAINTS TO THE SATISFACTION OF THE DISTRICT ENGINEER.

REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
					
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION KALAUHA'IHA'I FISHPOND (LUCAS SPRING) DEMOLITION PACKAGE NIU VALLEY, OAHU, HAWAII					
CONSTRUCTION NOTES					
DESIGNED: CWL			SUBMITTED: ---		
DRAWN: WM/KK			DATE: MAY 9, 2016		
CHECKED: CWL			SCALE: AS SHOWN		
APPROVED:  4/30/16 R. M. TOWILL CORPORATION CHIEF ENGINEER					DRAWING NO. C-1
					MAY - 9 2016 DATE



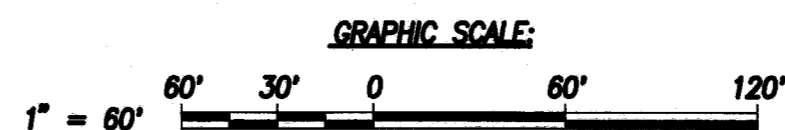
LEGEND

	DIRECTION OF TRAFFIC
	TRAFFIC CONES
	CONSTRUCTION SIGN
	WORK AREA
	FLASHING ARROW SIGNAL
	POLICE OFFICER

TRAFFIC CONTROL PLAN

SCALE: 1"=60'

- NOTES:**
- POSTED SPEED LIMIT IS 35 MPH
 - CONTRACTOR SHALL PROVIDE CONTINUOUS ACCESS TO THE DRIVEWAYS OF THE NEIGHBORING PROPERTIES.



REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.

Signature: *[Signature]* 4/30/16
EXP. DATE

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
ENGINEERING DIVISION

**KALAUHA'IAHI FISHPOND (LUCAS SPRING)
DEMOLITION PACKAGE
NIU VALLEY, OAHU, HAWAII**

TRAFFIC CONTROL PLAN

DESIGNED: CWL	SUBMITTED: <i>[Signature]</i>
DRAWN: WM/KK	DATE: MAY 9, 2016
CHECKED: CWL	SCALE: AS SHOWN
APPROVED: <i>[Signature]</i>	DRAWING NO. C-2

R. M. TOWILL CORPORATION
CHIEF ENGINEER

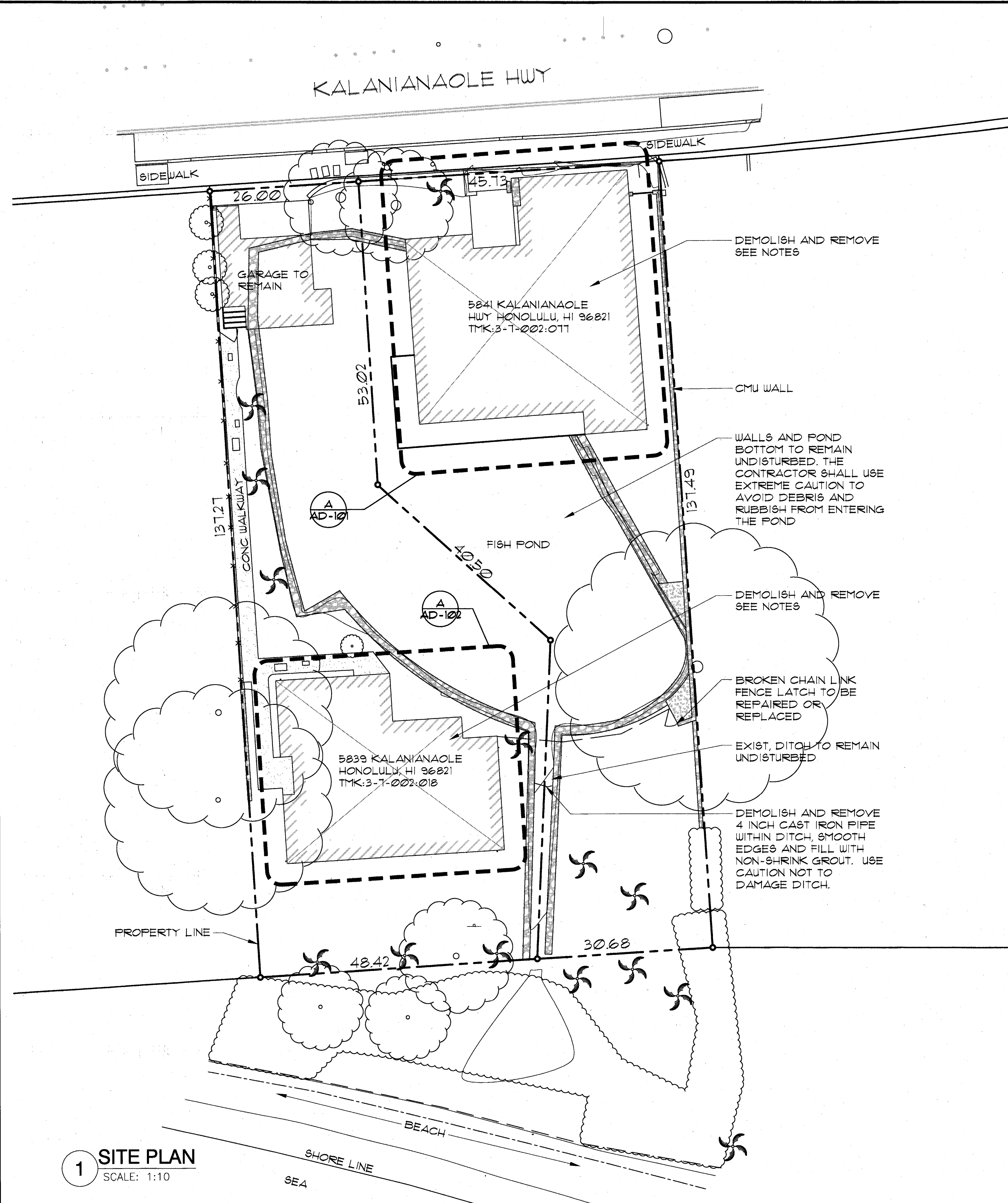
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GENERAL NOTES:

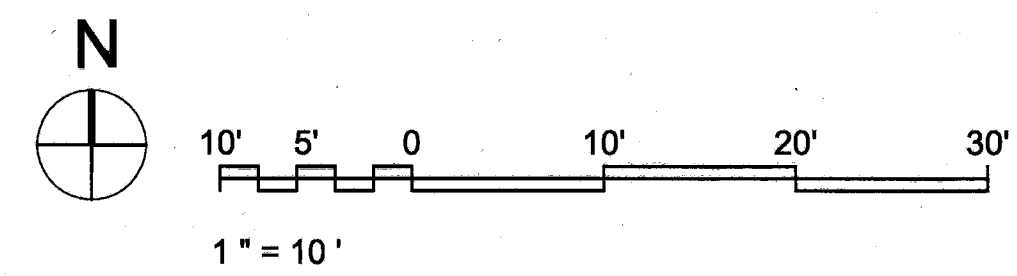
1. CONTRACTOR SHALL VERIFY ALL FIELD DIMENSIONS AND CONDITIONS BEFORE BIDDING. CONTRACTING OFFICER SHALL BE NOTIFIED OF DISCREPANCIES BETWEEN EXISTING CONDITION AND CONTRACT DOCUMENT.
2. ALL DIMENSIONS SHOWN ON PLAN ARE FROM FACE OF WALL UNLESS NOTED OTHERWISE. THE CONTRACTOR SHALL NOT SCALE ANY DIMENSIONS FROM THE CONSTRUCTION DOCUMENTS AND ANY CONFLICTS OR DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE CONTRACTING OFFICER.
3. ALL OMISSIONS OR CONFLICTS BETWEEN THE VARIOUS DISCIPLINES OF THE WORKING DRAWINGS AND/OR SPECS SHALL BE BROUGHT TO THE ATTENTION OF THE CONTRACTING ENGINEER, CONTRACTING OFFICER, AND THE ARCHITECT PRIOR TO THE START OF CONSTRUCTION.
4. EXCEPT FOR MATERIAL TO BE TURNED OVER TO MFHC (MAUNALUA FISHPOND HERITAGE CENTER), THE GENERAL CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL DEBRIS, RUBBISH, AND OTHER MATERIAL RESULTING FROM DEMOLITION OPERATIONS. DISPOSAL WILL BE IN ACCORDANCE WITH ALL LOCAL, STATE, AND/OR FEDERAL REGULATIONS GOVERNING SUCH OPERATIONS.
5. THE CONTRACTOR SHALL DEMOLISH AND DISCARD ALL ITEMS AND CONTENTS FROM THE DEMOLISHED BUILDING AND ALL OTHER ITEMS FOUND AT THE SITE, UNLESS OTHERWISE NOTED IN THIS CONTRACT. AFTER DEMOLITION AND DISPOSAL, THE CONTRACTOR SHALL CONFIRM IN WRITING THAT ALL CONTENTS WERE ACCOUNTED FOR AND DEMOLISHED AND DISCARDED, AND NO ITEMS WERE DISPOSED OF IN ANY MANNER NOT ALLOWED BY THIS CONTRACT. THE CONTRACTOR FURTHER AGREES TO INDEMNIFY THE STATE AGAINST ANY CLAIMS BROUGHT AS A RESULT OF THE IMPROPER REMOVAL OF ANY ITEMS.
6. CONTRACTOR SHALL PROVIDE GENERAL CLEAN-UP UPON COMPLETION OF WORK AT THE END OF EACH WORK DAY.
7. CONTRACTOR SHALL KEEP THE CONSTRUCTION SITE AND ITS SURROUNDING PREMISE CLEAN AND NEAT AT THE END OF EACH WORK DAY, IN WHICH CONTRACTOR MAY BE REQUIRED TO REMOVE THEIR RUBBISH AT THE END OF THE WORK DAY.
8. CONTRACTOR IS RESPONSIBLE TO SECURE THE JOB SITE.
9. CONTRACTOR SHALL MAINTAIN A SAFE WORKING ENVIRONMENT COMPLYING TO, BUT NOT LIMITED TO, HI-OSHA STANDARDS, BUILDING MANAGEMENT RULES AND GUIDELINES.
10. FIRE SAFETY DURING CONSTRUCTION, ALTERATION, OR DEMOLITION SHALL BE IN ACCORDANCE WITH 2012 UNIFORM FIRE CODE, ARTICLE 81 AND 2006 IBC.
11. PROTECT ALL WALLS, WATER AND PLANTS AS NOTED BY THE CONTRACTING OFFICER.

DEMOLITION WORK NOTES:

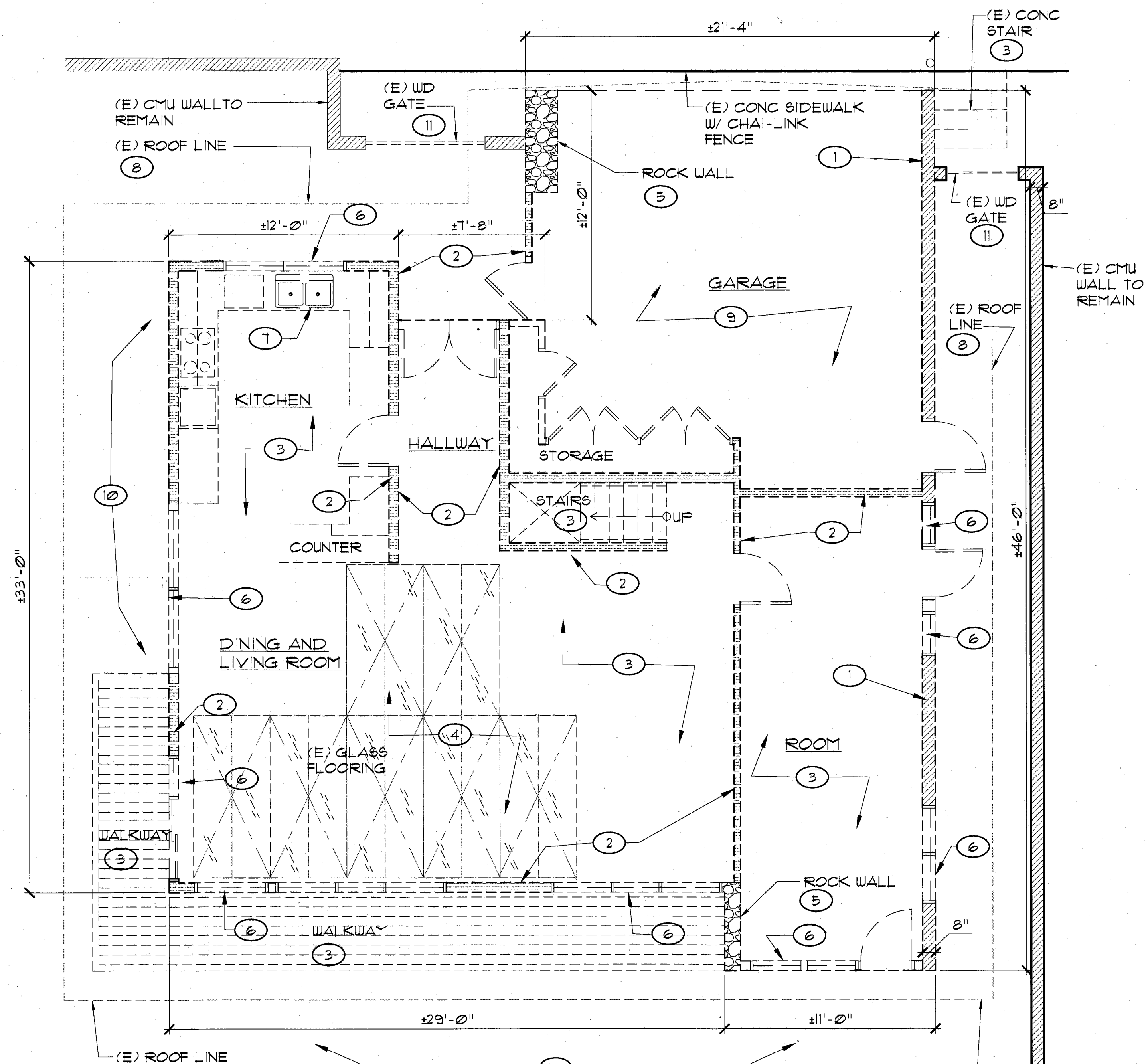
1. DEMOLISH ALL EXTERIOR, INTERIOR WALLS, DOORS, AND WINDOWS AS INDICATED ON CONSTRUCTION DOCUMENTS.
2. DEMOLISH EXISTING STAIRS AND WALKWAYS AS INDICATED ON CONSTRUCTION DOCUMENTS.
3. REMOVE AND SALVAGE ROCK WALLS AND GLASS FLOORING AS NOTED ON PLANS. CONTRACTOR TO SALVAGE AND COORDINATE WITH MFHC (MAUNALUA FISHPOND HERITAGE CENTER).
4. UNLESS OTHERWISE NOTED, CONTRACTOR SHALL REMOVE AND DISPOSE OF DEMOLITION DEBRIS AND SALVAGE ITEMS AT AN AUTHORIZED FACILITY APPROVED BY THE STATE.
5. CONTRACTOR SHALL PREPARE WORKING AREA FOR DEMOLITION WORK.
6. CONTRACTOR TO PREPARE TEMPORARY WEATHER AND SECURITY BARRIER FOR DEMOLITION WORK.
7. ALL ITEMS SALVAGED MUST BE STORED OFF SITE, NOT ON PROPERTY. EXCEPT STONE WALLS.
8. CAP AND PLUG ALL ABOVE GROUND UTILITIES, WITHIN PROJECT AREA.
9. CONTRACTOR TO ENSURE PROPER REMOVAL AND DISPOSAL OF HAZARDOUS MATERIAL AS SPECIFIED.



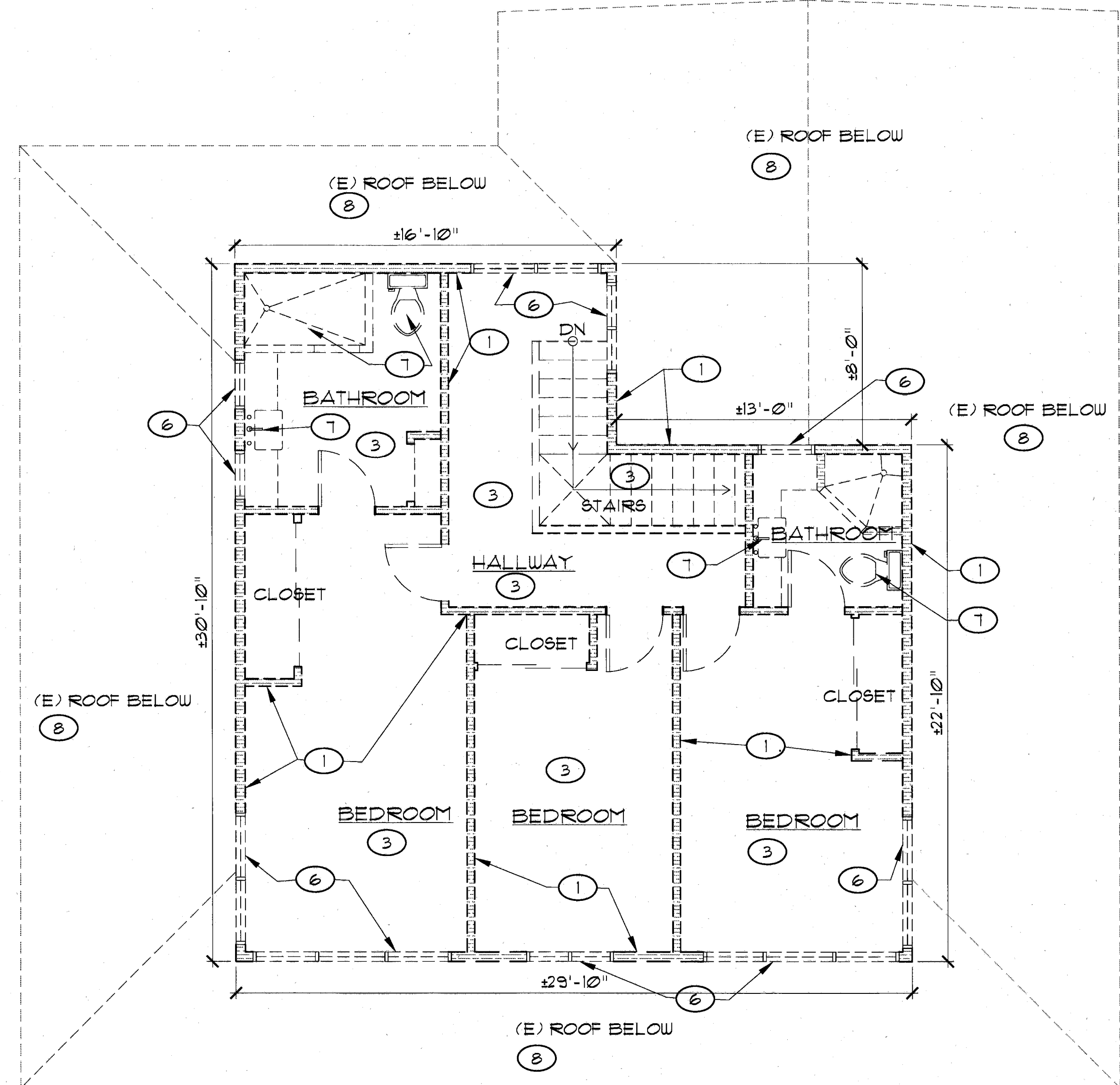
1 SITE PLAN
SCALE: 1:10



REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION KALAUHA'IHA'I FISHPOND (LUCAS SPRING) DEMOLITION PACKAGE NIU VALLEY, OAHU, HAWAII SITE PLAN, GENERAL NOTES, AND DEMO WORK NOTES					
DESIGNED: ---	SUBMITTED: ---		DATE: MAY 9, 2016		
DRAWN: ---	CHECKED: ---		SCALE: AS SHOWN		
APPROVED:			DATE: MAY - 9 2016		DRAWING NO. A101
R. M. TOWILL CORPORATION <small>Professional Engineer - License No. 10000 - State of Hawaii</small>					



A DEMOLITION - 1ST FLOOR PLAN-5841 KALANIANAOLE HWY
SCALE: 1/4"=1'-0"



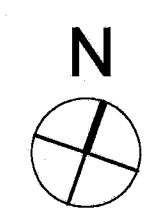
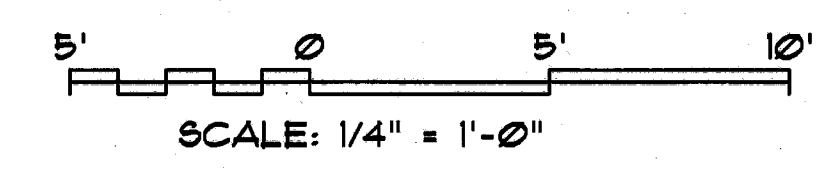
B DEMOLITION - 2ND FLOOR PLAN-5841 KALANIANAOLE HWY
SCALE: 1/4"=1'-0"

DEMOLITION KEY NOTES:

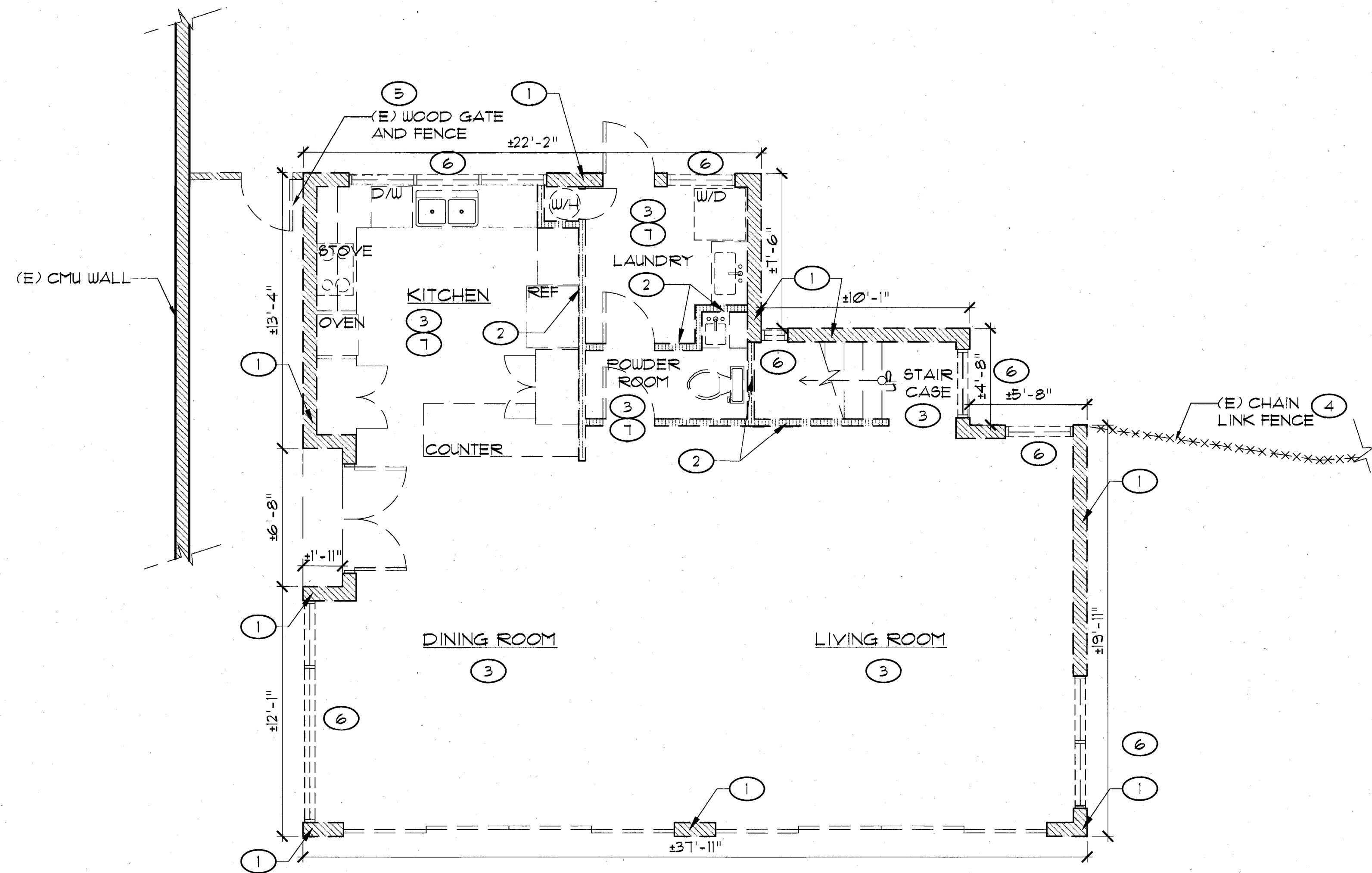
- ① DEMOLISH AND REMOVE CMU WALL
- ② DEMOLISH AND REMOVE ALL WOOD WALL STRUCTURAL
- ③ DEMOLISH AND REMOVE ALL FLOORING, STAIRS AND WALKWAY (INCLUDING STRUCTURE AND SLAB BELOW)
- ④ REMOVE AND SALVAGE GLASS FLOORING, CONTRACTOR TO COORDINATE WITH MFHC (MAUNALUA FISHPOND HERITAGE CENTER)
- ⑤ REMOVE AND SALVAGE ROCK WALL, CONTRACTOR TO COORDINATE WITH MFHC (MAUNALUA FISHPOND HERITAGE CENTER)
- ⑥ DEMOLISH AND REMOVE ALL WINDOWS
- ⑦ REMOVE ALL PLUMBING FIXTURE
- ⑧ DEMOLISH ALL ROOF STRUCTURE
- ⑨ RETAIN CONCRETE SLAB
- ⑩ DEMOLISH AND REMOVE CONCRETE PIERS UNDER STRUCTURE
- ⑪ DEMOLISH AND REMOVE GATE. MAINTAIN (E) ADJACENT CMU WALL

LEGEND:

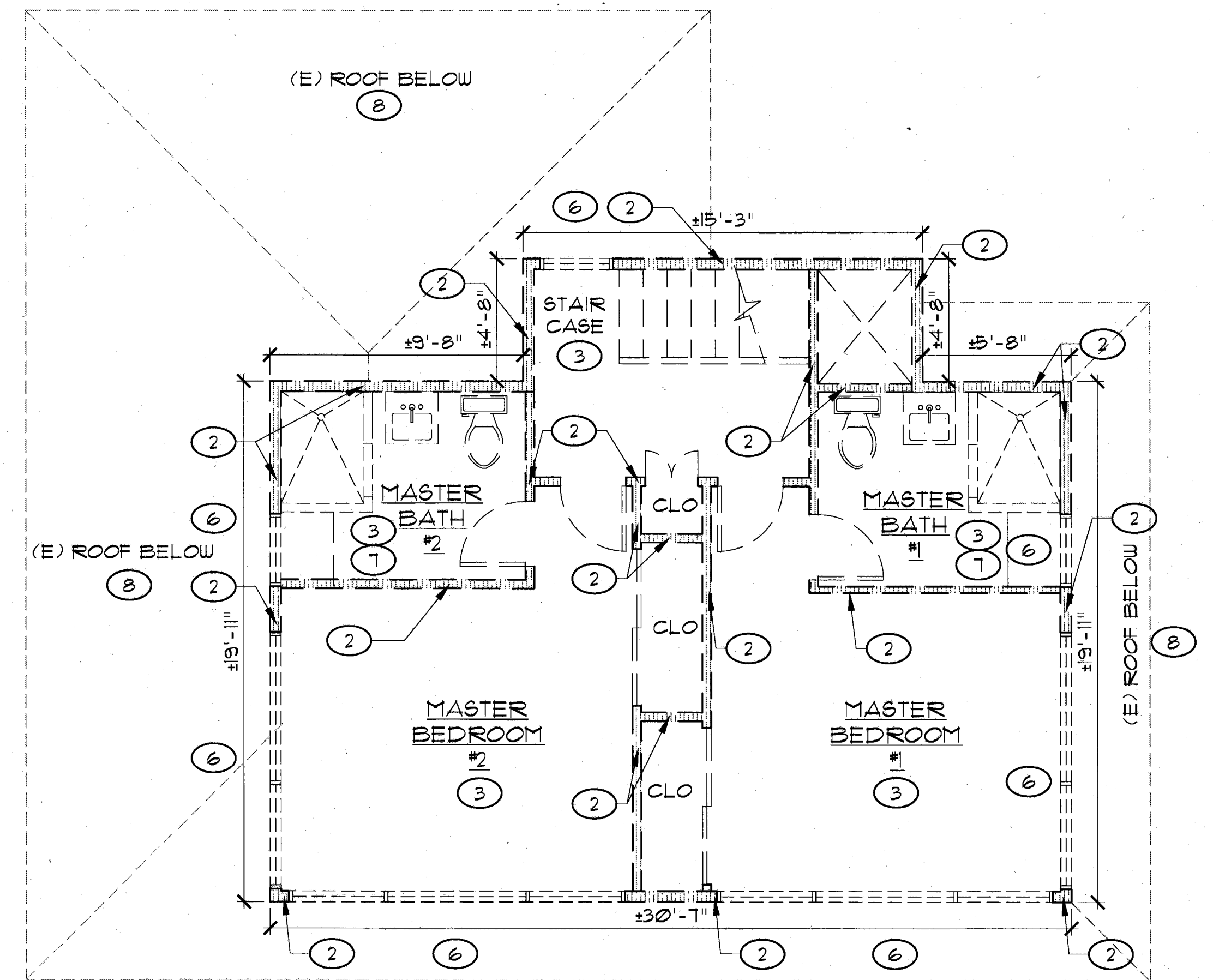
- DEMOLISH AND REMOVE WOOD STUD WALLS
- DEMOLISH AND REMOVE CMU WALL
- DEMOLISH AND REMOVE EXISTING ITEMS AND THEIR COMPONENTS
- (E) EXISTING



REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION KALAUHA'IAHA' FISHPOND (LUCAS SPRING) DEMOLITION PACKAGE NIU VALLEY, OAHU, HAWAII DEMO - 1ST AND 2ND FLOOR PLAN 5841 KALANIANAOLE HWY					
DESIGNED: ---	SUBMITTED: ---				
DRAWN: ---	DATE: MAY 9, 2016				
CHECKED: ---	SCALE: AS SHOWN				
APPROVED:		DRAWING NO. AD101		DATE: MAY - 9 2016	
R. M. TOWILL CORPORATION <small>Planning • Design • Construction Administration • Program Management • Specialty Construction Management</small> 808 942-1133 • 2000 North Nanea Street, Suite 200 Honolulu, Hawaii 96810-2041					



A DEMOLITION - 1ST FLOOR PLAN-5839 KALANIANAOLE HWY
SCALE: 1/4"=1'-0"



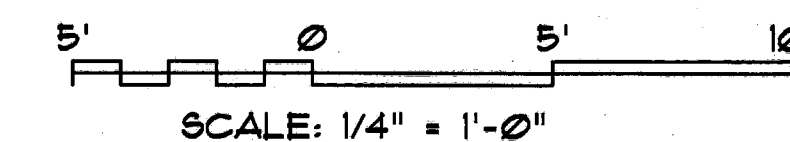
B DEMOLITION - 2ND FLOOR PLAN-5839 KALANIANAOLE HWY
SCALE: 1/4"=1'-0"

DEMOLITION KEY NOTES:

- ① DEMOLISH AND REMOVE CMU WALLS
- ② DEMOLISH AND REMOVE ALL WOOD WALL STRUCTURAL
- ③ DEMOLISH AND REMOVE ALL FLOORING, STAIRS AND WALKWAY (INCLUDING STRUCTURE AND SLAB BELOW)
- ④ BROKEN CHAIN LINK FENCE LATCH TO BE REPAIRED. REFER TO A101 FOR LOCATION OF LATCH
- ⑤ REMOVE WOODEN GATE AND FENCE. MAINTAIN ADJACENT CMU WALL
- ⑥ DEMOLISH AND REMOVE ALL WINDOWS
- ⑦ REMOVE ALL PLUMBING FIXTURE
- ⑧ DEMOLISH ALL ROOF STRUCTURE

LEGEND:

- DEMOLISH AND REMOVE WOOD STUD WALLS
- DEMOLISH AND REMOVE CMU WALL
- DEMOLISH AND REMOVE EXISTING ITEMS AND THEIR COMPONENTS
- (E) EXISTING



REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION KALAUHA'IIHA'I FISHPOND (LUCAS SPRING) DEMOLITION PACKAGE NIU VALLEY, OAHU, HAWAII DEMO - 1ST AND 2ND FLOOR PLAN 5839 KALANIANAOLE HWY					
DESIGNED: --	SUBMITTED: -- <i>RL</i>				
DRAWN: --	DATE: MAY 9, 2016				
CHECKED: --	SCALE: AS SHOWN				
APPROVED: <i>[Signature]</i>		DRAWING NO. AD102		MAY - 9 2016	
R. M. TOWILL CORPORATION CHIEF ENGINEER		DATE			

