July 1, 1996

The Honorable Gary Gill, Director
Office of Environmental Quality Control
220 South King Street, 4th Floor
State of Hawaii
Honolulu, Hawaii 96813

Dear Mr. Gill:

SPECIAL MANAGEMENT AREA ORDINANCE
CHAPTER 25, ROH
Environmental Assessment/Determination
Negative Declaration

Owner/Applicant: 7-Eleven Hawaii, Inc.
Location: 85-010 Farrington Highway, Makaha, Oahu
Tax Map Key: 8-5-18: 18
Request: Special Management Area Use Permit
Proposal: To demolish the existing retail convenience store and construct a new store and parking lot
Determination: A Negative Declaration is Issued

Attached and incorporated by reference is the Final Environmental Assessment (FEA) prepared by the applicant for the project. Based on the significance criteria outlined in Chapter 200, State Administrative Rules, we have determined that preparation of an Environmental Impact Statement is not required.

We have enclosed a completed OEQC Bulletin Publication Form and four copies of the FEA. If you have any questions, please contact Dana Teramoto of our staff at 523-4648.

Very truly yours,

[Signature]

PATRICK T. ONISHI
Director of Land Utilization

PTO: am
Enclosures

gf:feamaa61.djt
ENVIRONMENTAL ACCESSMENT STUDY

for

SEVEN-ELEVEN HAWAII, INC.
85-310 FARRINGTON HIGHWAY
MAKAIKA, OAHU, HAWAII
TAX MAP KEY: 6-5-19:18

PREPARED BY:
YAMASATO, FUJWARA, ACKI & ASSOCIATES, INC.
1100 WARD AVENUE, SUITE 760
HONOLULU, HAWAII 96814

YAMASATO
FUJWARA
ACKI +
ENVIRONMENTAL ACCESSMENT STUDY

for

SEVEN-ELEVEN HAWAII, INC.
85-010 FARRINGTON HIGHWAY
MAKAHA, OAHU, HAWAII
TAX MAP KEY: 6-5-18:18

PREPARED BY:
YAMASATO, FUJIIWARA, AOKI & ASSOCIATES, INC.
1100 WARD AVENUE, SUITE 760
HONOLULU, HAWAII 96814
YAMASATO
FUJIIWARA
AOKI
ASSOCIATES, INC.
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FINAL ENVIRONMENTAL ASSESSMENT
FOR
SEVEN-ELEVEN HAWAII, INC.
85-010 FARRINGTON HIGHWAY
MAKAHA, OAHU, HAWAII
TAX MAP KEY : 8-5-18:18

I. GENERAL INFORMATION:

Applicant : Seven-Eleven Hawaii, Inc.
1755 Nuuanu Avenue, 2nd Floor
Honolulu, Hawaii 96817
Chuck Jones, Property Manager

1100 Ward Avenue, Suite 760
Honolulu, Hawaii 96814
Myrtle Kimura

Tax Map Key : 8-5-18 : 18
Lot Area : 19,994 S.F.

Land Use Approvals Granted:

1. 90/SMA-17
Aloha Petroleum applied to replace and relocate the gas pump area. Permit approved with provision landscaping installed per DLU approval and shall conform to the Statewide Uniform Design Manual.

2. 93/VAR-53
Aloha Petroleum applied for Canopy and pump signage - Partial Approval.
II. DESCRIPTION OF PROPOSED ACTION:

A. GENERAL DESCRIPTION:

Seven-Eleven Hawaii, Inc. proposes to demolish its existing single story convenience store and construct a newly located convenience store to conform with the American Disability requirements. The parking shall be repaired and restriped to allow for conveniently located accessible stalls and aisles fronting the store. (See Exhibit A, B, C, D & K)

III. TECHNICAL AND ENVIRONMENTAL CHARACTERISTICS:

A. SURROUNDING USE:

The proposed site is located at the corner of the 4 lane Farrington Highway and 2 lane Makaha Valley Road. Ewa across Makaha Valley Road is a vacant Cornet Store zoned B-2. Mauka and Diamond Head of the site are zoned R-5. Adjoining the Diamond Head side of the lot is a vacant residential lot. Makai across Farrington Highway is Lahilahi Beach Park zoned P-2 which extends along the coastline. (See Exhibit G)

B. FLOOD HAZARD:

The Flood Insurance Map, Panel 35-C, shows the site falls within Zone AE, with elevation requirement of 12 ft. at the front property and the rear falls within AE, with elevation of 11 ft. (See Exhibit H)
C. EXISTING USE:

The existing 2,480 sq. ft. convenience store was erected in 1980 on the 19,994 sq. ft. property. Aloha Petroleum later became an Accessory Gas Station with Seven-Eleven.

D. PHYSICAL CHARACTERISTICS:

The building design will be the typical design of all the Seven-Eleven stores throughout the State. Alterations to the design shall be subject to requirements of DLU or Waianae Neighborhood Board.

Parking will increase and handicap stalls, convenient accessible route, aisle space, and ramps provided shall conform to ADA requirements.

Restoration of the existing landscape areas shall proceed after completion of construction of the building and parking.

Modifications to the parking decreased the size of front right planter. (See Exhibit A)

E. INFRASTRUCTURE CONSIDERATIONS:

The existing business required water, electricity, and sewer.

A private refuse firm shall maintain the disposal of solid waste.

Liquid waste will be disposed of by existing sewer system.
F. ACCESS TO SITE:

Currently traffic ingress and egress is from Farrington Highway or exit Makaha Valley Road. Recommendations from State of Hawaii Department of Transportation and City and County Transportation Services have prompted Seven-Eleven and Aloha Petroleum to further study the traffic situation at this site.

IV. ECONOMIC AND SOCIAL CHARACTERISTICS:

A. Anticipated plans for demolition of existing Seven-Eleven store is scheduled for January 1996, provided the necessary site preparation, building, grading, & SMA permits have been obtained.

Construction of the proposed convenience store and renovated parking shall commence immediately after acquired permits and continue till completion by April 1996.

Estimated cost is $750,000.00.

Landscaping plans shall be submitted in conjunction with the building permit and subject to review and approval.

B. Existing Makaha Store employees shall have the option of relocating to a nearby Seven-Eleven store maintaining current work schedules or they may take leave of absence or vacation until the completion of the new Seven-Eleven Makaha store is operational.
V. AFFECTED ENVIRONMENT:

A. CONSTRUCTION IMPACT:

The construction site shall be temporary contained within a screened fenced area. Building materials and equipment will be stored at the site which will help to mitigate the transporting of vehicles and materials. Minimal excavation, hauling and the leveling of earth is anticipated since the site previously had been graded for the existing store.
RIGHT ELEVATION
SCALE 1/4" = 1'-0"

LONGITUDINAL SECTION
SCALE 1/4" = 1'-0"

CROSS SECTION
SCALE 1/4" = 1'-0"
MEMORANDUM

TO: MR. PATRICK ONISHI, DIRECTOR
DEPARTMENT OF LAND UTILIZATION

FROM: FELIX B. LIMTIACO, DIRECTOR
DEPARTMENT OF WASTEWATER MANAGEMENT

SUBJECT: ENVIRONMENTAL ASSESSMENT, CHAPTER 25, ROH
PROJECTS WITHIN THE SPECIAL MANAGEMENT AREA
7-ELEVEN MAKAI STORE, 85-010 PARRINGTON HIGHWAY,
MAKAHI, OAHU, TMK: 8-5-018:018

November 15, 1995

Our response relating to the availability and adequacy of the municipal sewer system for the subject project is as follows:

[X] Municipal Sewer System Available and Adequate
(This statement shall not be construed as confirmation of sewage capacity reservation. Sewage capacity reservation is contingent on submittal and approval of a "Sewer Connection Application" form.)

[ ] Municipal Sewer System Not Available

[ ] Municipal Sewer System Not Adequate

[X] Liable for Payment of a Wastewater System Facility Charge

[ ] Other:

Contact Person:
Tessa Yuen, Ext. 4956

FELIX B. LIMTIACO
DIRECTOR
November 24, 1995

Patrick K. Onishi, Director
Department of Land Utilization
660 South King Street
Honolulu, Hawaii 96813

Attention: Dana Teramoto

Dear Mr. Onishi:

RE: Draft Environmental Assessment (EA)/SMA for Makaha 7-11 Store; TMK 8-5-18:18

In the final EA please include the following:

1. A map of the Island indicating the project location.

2. Consult with nearest neighbors and include documentation of your contacts.

3. Include a discussion of the noise and traffic impacts of the project, especially on adjacent property owners and residents.

4. Is the project site in a flood zone? The flood map (Exhibit H) needs a legend indicating the two-letter abbreviations.

5. Include a full discussion of construction impacts and related mitigation measures.

6. Include a discussion of the impacts of water runoff of this project.

7. Discuss conformance to Hawaii Revised Statutes 205A-2 (c)(3)(B), which deals with the structure’s compatibility “with the visual environment by ... minimize[ing] the
alteration of natural landforms and existing public views to and along the shoreline."
Specifically, describe the height, signage, architectural design and use of colors that will be
used to assure that this project blends in with the natural environment.

If you have any questions, please call Nancy Heinrich at 586-4186.

Sincerely,

[Signature]

SARY GILL
Director

GG/nh

c: Myrtle Kimura, Yamashita, Fujiwara, Aoki & Associates
Mr. Patrick T. Onishi, Director  
Department of Land Utilization  
City and County of Honolulu  
650 South King Street  
Honolulu, Hawaii  96813

Dear Mr. Onishi:

Subject: Environmental Assessment (EA), Seven-Eleven  
Makaha Store (55/SNA-061), Oahu  
TMX: 8-5-18; par. 18

Thank you for requesting our review of the subject EA. We have the following comments:

1. The project driveway access fronting Farrington Highway should be limited to right-turn in and right-turn out movements.

2. Traffic signs should be posted prohibiting left-turns to and from Farrington Highway. These actions are necessary in order to mitigate potential traffic conflicts.

3. Plans for construction work to be done within Farrington Highway rights-of-way must be submitted for our review and approval.

Very truly yours,

[Signature]

KAZU HAYASHIDA  
Director of Transportation
MEMORANDUM

TO: PATRICK T. ONISHI, DIRECTOR
DEPARTMENT OF LAND UTILIZATION

FROM: CHARLES O. SWANSON, DIRECTOR

SUBJECT: CHAPTER 25, ROH ENVIRONMENTAL ASSESSMENT
7-ELEVEN MAKHA STORE

The subject environmental assessment was reviewed in response to your November 3, 1995 memorandum. We recommend that the driveway on Makaha Valley Road, closest to Farrington Highway, be eliminated to minimize conflict at that intersection.

Should you have any questions regarding this matter, please call Faith Miyamoto of the Transportation Systems Planning Division at Local 6976.

[Signature]

for CHARLES O. SWANSON
TO: PATRICK T. ONISHI, DIRECTOR
DEPARTMENT OF LAND UTILIZATION

FROM: RAYMOND H. SATO, MANAGER AND CHIEF ENGINEER
BOARD OF WATER SUPPLY

SUBJECT: YOUR MEMORANDUM OF NOVEMBER 3, 1995 ON THE DRAFT ENVIRONMENTAL ASSESSMENT (DEA) FOR THE PROPOSED 7-ELEVEN MAKAA STORE PROJECT, TMK: 8-5-15: 18, FARRINGTON HIGHWAY, MAKAA, OAHU

Thank you for the opportunity to review the DEA for the proposed 7-Eleven store project.

We have the following comments:

1. The existing water system is presently adequate to accommodate the proposed development.

2. There is an existing domestic water service to the proposed project site.

3. The availability of water will be confirmed when the building permit application is submitted for our review and approval. When water is made available, the applicant will be required to pay the prevailing Water System Facilities Charges for resource development, transmission, and daily storage.

4. The proposed project is subject to Board of Water Supply cross-connection control requirements prior to the issuance of the building permit application.

If you have any questions, please contact Barry Usagawa at 527-5235.
TO: PATRICK T. ONISHI, DIRECTOR
DEPARTMENT OF LAND UTILIZATION

FROM: DONA L. HANAIKE, DIRECTOR

SUBJECT: ENVIRONMENTAL ASSESSMENT
7-ELEVEN MAKaha STORE
MAKAHA, OAHU, HAWAIi
TAX MAP KEY 8-5-18: 18

November 28, 1995

This responds to the environmental assessment preparation report for the subject project.

Based on our review, we have no comments to offer at this time.

Should you have any further questions on the matter, you may contact Brian Suzuki of our Advance Planning Branch at extension 6316.

For DONA L. HANAIKE
Director

DLH:ei
Mr. Patrick Onishi, Director
Department of Land Utilization
City & County of Honolulu
650 South King Street
Honolulu, Hawaii 96813

Dear Mr. Onishi:

Subject: ENVIRONMENTAL ASSESSMENT, CHAPTER 25, ROH
PROJECT WITHIN THE SPECIAL MANAGEMENT AREA
Project Name: 7-Eleven Makaha Store (95/SMA-061)
Location: 85-010 Farrington Highway, Makaha, Oahu
Tax Map Key: 8-5-18: 18

Thank you for allowing us to review and comment on the subject project. We have the following comments to offer:

Hazardous Waste Branch

Our records indicate that a release has occurred from the underground storage tanks (USTs) located at the subject facility. 7-Eleven Hawaii, Inc. is working with our office in investigating and remediating the contamination.

If the proposed construction involves the removal and/or installation of USTs, these USTs are regulated in accordance with the technical standards and financial responsibility regulations of 40 CFR Part 280. These regulations include requirements for:

1. Design, construction, installation, and notification;
2. General operating requirements;
3. Release detection;
4. Release reporting, investigation, and confirmation;
5. Release response and corrective action;
6. Changes-in-service and closure; and
7. Financial responsibility.

Owners of newly installed USTs must notify our UST Section of the existence of such USTs within 30 days of installation. The installation of UST systems containing flammable and combustible liquids is also subject to regulation by the County Fire Department.
Mr. Patrick Onishi
December 29, 1995
Page 2

Department. In this case, the Honolulu County Fire Department should be contacted regarding county requirements that govern UST systems.

The UST Section has developed a detailed Technical Guidance Manual for Underground Storage Tank Closure and Release Response (August 1992) to assist responsible parties and their consultants and contractors in complying with the federal UST closure requirements and release response requirements as found in Title 40 Part 280 of the Code of Federal Regulations.

If you have any questions, please call Roxanne Kwan of our UST Section at 586-4226.

Asbestos Concerns

Because the applicant is going to demolish the existing building, he/she will need to contact the Clean Air Branch's Asbestos Office to discuss procedures that will need to be followed. Please call Mr. Ken Hall at 586-4200.

Sincerely,

Lawrence Miike
Director of Health

c: Clean Air Branch
Hazardous Waste Branch
City and County of Honolulu
Department of Public Works
650 South King Street
Honolulu, Hawaii 96813

March 18, 1996

Dear Mr. Kenneth E. Sprague,

Seven-Eleven Currently has an existing store and the demand for utility use will not increase for the proposed new store. Plans are to connect to all the existing lines as indicated on the modified Site Plan (Exhibit A).

Seven-Eleven and Aloha Petroleum are very concerned about the possibility of soil and underground water contamination since there was a previous incident in a location across the street last year. Aloha Petroleum has since taken precautions to insure that this should not occur by first taking test of its tanks and lines which resulted in compliance with the EPA regulations and no product release (See Exhibit L). Aloha Petroleum will be installing an electric tank gauging and monitoring system. Should there be indications of any contamination discovered, Seven-Eleven will take the necessary precautions and dispose of the contaminated soil.

Proposed plans implement ADA Guideline requirements for the new store. They will comply with City standards for frontage improvements within the City right-of-way.

Should you have any questions, please call me at 531-8025.

Sincerely,

Myrtle Kimura
STATE OF HAWAI'I
OFFICE OF ENVIRONMENTAL QUALITY CONTROL
220 South King Street
Honolulu, Hawaii 96813

June 2, 1996

Dear Mr. Gary Gill,

A map of Oahu indicating the project location has been included on the Site plan (See Exhibit A). Exterior elevations include the building and signage colors, signage details, signage locations, building design and heights. (See Exhibit C & D)

The flood map (Exhibit H) has been revised to indicate the AE 11 ft. and 12 ft. elevations.

The contractors familiar with the construction and renovation of the Seven-Eleven stores having done several stores the past years most recently the new Kapolei store. The experience will help to expedite the progress of construction of the new Makaha store.

Minimal grading and excavation is anticipated for this previously developed site. The demolition will be limited to the existing store and trash enclosure area and resurfacing of the parking pavement area to match existing pavement. Plans to screen and secure the site will help to contain the noise and dust as well as store building materials and equipment to avoid transporting them daily. The Aloha gas pump areas shall remain undisturbed.

Adjoined by empty lots on both the Makai and the Diamond Head sides of the site with closest resident approximately 50 feet away. Ewa across the two lane Makaha Valley Road is the vacated Cornet Store. Directly across Farrington Highway is the Lahilahi beach park. (See Photos). Building materials and equipment shall be stored at the site to avoid transporting them daily.

It appears the water run off would be onto the Farrington Highway. I observed no existing drains along Farrington Highway nor on Makaha Valley Road.
Copies of the Environmental Assessments we sent to the adjoining property owners to inform of Seven-Eleven's plans for construction. There were no responses received. (See letters).

Should you have any questions please give me a call.

Sincerely,

Myrtle Kimura

Myrtle Kimura
MAKAHA STORE SEVEN - ELEVEN
MAUKA VIEW

DIAMOND HEAD VIEW

MAKAHA STORE  SEVEN - ELEVEN
STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
669 Punchbowl Street
Honolulu, Hawaii 96813

May 18, 1996

Dear Mr. Kazu Hayashida,

In response to your letter dated December 5, 1995, Seven-Eleven agrees to indicate the direction of traffic with signs.

Currently there is discussion with the City & County Transportation department and Aloha Petroleum on the recommendation of closing the driveway on Makaha Valley Road closest to Farrington Highway.

Final plans for the Seven-Eleven Makaha Store right-of-way and signs indicating the traffic flow will be submitted for your review and approval.

Sincerely,

Myrtle Kimura

Myrtle Kimura
CITY AND COUNTY OF HONOLULU
711 Kapiolani Blvd., Suite 1200
Honolulu, Hawaii 96813

May 18, 1996

Dear Mr. Charles O. Swanson,

The recommendation to eliminate the driveway closest to Farrington Highway are being discussed by Aloha Petroleum and your agency. There has been no correspondence regarding a decision on this matter as of yet. (See Exhibit L)

Sincerely,

Myrtle Kimura

Myrtle Kimura
State of Hawaii
Department of Health
P.O. Box 3378
Honolulu, Hawaii 96801

March 18, 1996

Dear Mr. Lawrence Miike,

Aloha Petroleum has informed Seven-Eleven of the situation as mentioned in your letter to Department of Land Utilization dated December 29, 1995 on the release from underground storage tanks at the Seven-Eleven Makaha Store site. According to Aloha Petroleum DOH records indicated that the Unocal Station previously located in the area did release petroleum into the soil and groundwater. However, recent test indicate Aloha's tanks and lines are in compliance with the EPA regulations and no product release was indicated. (See Exhibit L-Q).

Seven-Eleven plans to demolish the existing store and construct a new store, patch resurface and re-strip the disturbed parking and driveway area. There are no plans to renovate the existing gas pump area or underground tanks.

Should you has any questions please call me at 531-8825.

Sincerely,

Myrtle Kimura
February 8, 1996

Mr. Chuck Jones
Development Manager
SEVEN-ELEVEN HAWAII, INC.
1755 Nuanu Avenue, 2nd Floor
Honolulu, Hawaii 96817

Re: Seven-Eleven - Makaha

Dear Chuck:

Thank you for your letter of January 29, 1996, relative to Seven-Eleven’s Shoreline Application for the Makaha location.

With respect to your inquiry regarding a possible petroleum release at Makaha, following is the situation:

- A light sheen of petroleum was observed by a construction crew installing a pipeline across the street, and west of the Makaha location in August of last year.
- Aloha met with DOH personnel and furnished them copies of Aloha’s UST tank test and line test results. The test results clearly showed that Aloha’s tanks and lines were in compliance with EPA regulations and that no product release was indicated.
- DOH records indicate that a Unocal station previously located in the area did release petroleum into the soil and groundwater for an extended period of time.
- Test results indicate that all three tanks have been and are now tight. To further define the integrity of Aloha’s UST system at Makaha however, Aloha agreed to install an electronic tank gauging and monitoring system. Hopefully, this will allow Aloha to gather the data necessary to further and finally prove the tightness of its Makaha UST System.
- Aloha will be working with DOH to resolve this matter as soon as is possible.

The letters from State, City and County Agencies, which were enclosed with your letter, have also been reviewed. Unless we are missing something, it appears that the letter of December 4, 1995 to Patrick Onishi from Charles D. Swanson is the only correspondence that requires our attention. In this regard, Aloha will communicate with Mr. Swanson to discuss his recommendation of eliminating an existing driveway and will attempt to alter his opinion by providing additional factual data. We will keep you posted as we progress.

EXHIBIT L
Mr. Chuck Jones  
February 8, 1996  
Page 2

Please find attached a copy of tank and product line test reports dated September 7, 1995 and a copy of Aloha’s location plan for the Makaha fuel facilities.

If you have any questions or concerns regarding this matter, please don’t hesitate to contact me.

Sincerely,

[Signature]

Sam Olson  
Vice President - Fuel Operations

so-bhs14.96
TANKS WERE TESTED USING THE ALERT 4000 NO SHUT-DOWN TEST METHOD.
ULLAGES WERE TESTED USING THE ALERT 1050 METHOD.

CURRENT EPA STANDARDS DictATE THAT FOR UNDERGROUND FUEL TANKS, THE MAXIMUM ALLOWABLE LEAK GAIN RATE OVER THE PERIOD OF ONE HOUR IS 0.3 GALLONS.

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ULLAGE TEST:
PASS/FAIL/INCONCLUSIVE
PASS
PASS
PASS
**ACURITE LINE TEST DATA**

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**LEAK DETECTOR TEST DATA**

| L/D MANUFACTURER | RJ | RJ | RJ |
| SERIAL NUMBER | DIAPHRAGM | FX-2 | FX-2 |
| OPEN TIME | 3 SEC | 3 SEC | 3 SEC |
| TEST LEAK RATE | 3 GPH | 3 GPH | 3 GPH |
| METERING PSI | 10 | 10 | 10 |
| CONCLUSION (PASS OR FAIL) | PASS | FAIL | PASS |

**REPLACE/RETEST INFORMATION**

| L/D MANUFACTURER | RJ |
| SERIAL NUMBER | 021952204 |
| OPEN TIME | 3 SEC |
| TEST LEAK RATE | 3 GPH |
| METERING PSI | 10 |
| CONCLUSION (PASS OR FAIL) | PASS |

**SIGNATURE**

**DATE**

[Signature] 9-7-95
7-Eleven Makaha
85-010 Farrington Highway
Wainae, HI 96792

Tank #1  10,000 gallon tank
Tank #2  10,000 gallon tank
Tank #3  10,000 gallon tank
SITE PLAN - ELECTRICAL

SCALE: 1" = 10'-0"

NOTE:

1. VERIFY LOCATIONS OF ALL CONDUIT STUB-UPS WITH HOMA PETROLEUM PRIOR TO ROUGH-IN.
### Luminaire Schedule

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
<th>Lamps</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Metal Halide Luminaire, Ceiling Surface Mounted 33.50 x 10-1/4%</td>
<td>1-25W MH Clear</td>
</tr>
</tbody>
</table>

**Lighting Power Limit Calc.**

<table>
<thead>
<tr>
<th>Category - Interior Area (S.F.)</th>
<th>Allowable Watts/S.F.</th>
<th>Allowable L.C. Load (Watts)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>768</td>
<td>3.0</td>
</tr>
</tbody>
</table>

Total Allowable Interior Lighting Load: 2,304

Total Connected Interior Lighting Load: 1,972

### Duct Section Schedule

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>3/4&quot; GRF Conduit, Lighting, 3.10 AM, 1/16 Ground</td>
</tr>
<tr>
<td>2</td>
<td>3/4&quot; GRF Conduit, Future Card Reader, Provide Pullwire</td>
</tr>
<tr>
<td>3</td>
<td>3/4&quot; GRF Conduit, Future Intercom, Provide Pullwire</td>
</tr>
<tr>
<td>4</td>
<td>3/4&quot; GRF Conduit, Future CCTV, Provide Pullwire</td>
</tr>
<tr>
<td>5</td>
<td>3/4&quot; GRF Conduit, 180° Power, 3.10 AM, 1/16 Ground</td>
</tr>
<tr>
<td>6</td>
<td>3/4&quot; GRF Conduit, Future Kiosk Signal, Provide Pullwire</td>
</tr>
<tr>
<td>7</td>
<td>3/4&quot; GRF Conduit, Pole Sign, 3.10 AM, 1/16 Ground</td>
</tr>
<tr>
<td>8</td>
<td>3/4&quot; GRF Conduit, Air/Water Unit, 5.10 AM, 1/16 Ground</td>
</tr>
<tr>
<td>9</td>
<td>3/4&quot; GRF Conduit, Vacuum Unit, 3.10 AM, 1/16 Ground</td>
</tr>
</tbody>
</table>

### Typical Duct Section

Not to Scale

**Revisions**

- One-Line Control Diagram
- Duct Section and Schedules

**Aloha Potentional Ltd.**

85-101 Parrington Hwy
Makaha, Hawaii
T.M.K. 8-3-89
1. DESCRIPTION OF WORK: Work specified in this section shall include, but
    not be limited to, the following:

    a. Complete electrical system wiring, including overcurrent protective
       devices, branch circuitry, installations, time controls, and lighting
       fixtures for any covered lighting and visual power.
    b. Supply necessary fire safety devices, such as fire alarms, smoke
       detectors, etc.
    c. Provide the necessary materials for the electrical system.
    d. Include the necessary set of plans and specifications for the electrical
       system.
    e. Complete all construction work in accordance with the plans and
       specifications provided.

2. REFERENCE: The work as specified in this section shall be carried out in
    accordance with the following documents and codes:

    b. Local building and electrical codes.
    c. Manufacturer's instructions.
    d. All applicable local, state, and federal codes.

3. QUALITY: The work shall be performed in a workmanlike manner and
    conform to the plans and specifications provided. The work shall
    be done in accordance with the latest edition of the National
    Electrical Code (NEC).

4. CONTRACTOR: The contractor shall be responsible for all work performed
    under this contract.

5. ACCEPTANCE: The work shall be accepted by the owner upon satisfactory
    inspection by the owner's representative. The contractor shall be
    notified in writing of the acceptance of the work.

6. Scope of services:

    a. Installation of electrical systems
    b. Testing and commissioning
    c. Maintenance and repair

7. ACCOMMODATIONS:

    a. Right of way: There shall be no interference with the public use of
       any right-of-way.
    b. Interference with existing systems: There shall be no interference
       with existing electrical systems.
    c. Right-of-way: There shall be no interference with the public use of
       any right-of-way.

8. MANUFACTURERS:

    a. All materials shall be furnished by the manufacturer specified.
    b. All equipment shall be new and of good quality.
    c. All labor shall be furnished by qualified and experienced labor.

9. ACCEPTANCE:

    a. The work shall be accepted by the owner upon satisfactory
       inspection by the owner's representative.
    b. The work shall be completed within the time specified in the contract.
    c. The work shall be performed in accordance with the plans and
       specifications provided.

10. TESTING:

    a. All equipment shall be tested in accordance with the manufacturer's
       instructions.
    b. All equipment shall be tested in accordance with the plans and
       specifications provided.
    c. All equipment shall be tested in accordance with the manufacturer's
       instructions.

11. MANUFACTURER:

    a. All equipment shall be furnished by the manufacturer specified.
    b. All equipment shall be furnished by the manufacturer specified.
    c. All equipment shall be furnished by the manufacturer specified.

12. ACCEPTANCE:

    a. The work shall be accepted by the owner upon satisfactory
       inspection by the owner's representative.
    b. The work shall be completed within the time specified in the contract.
    c. The work shall be performed in accordance with the plans and
       specifications provided.

13. CONTRACTOR:

    a. The contractor shall be responsible for all work performed
       under this contract.
    b. The contractor shall be responsible for all work performed
       under this contract.
    c. The contractor shall be responsible for all work performed
       under this contract.

14. ACCOMMODATIONS:

    a. Right of way: There shall be no interference with the public use of
       any right-of-way.
    b. Interference with existing systems: There shall be no interference
       with existing electrical systems.
    c. Right-of-way: There shall be no interference with the public use of
       any right-of-way.

15. CONTRACTOR:

    a. The contractor shall be responsible for all work performed
       under this contract.
    b. The contractor shall be responsible for all work performed
       under this contract.
    c. The contractor shall be responsible for all work performed
       under this contract.

16. ACCEPTANCE:

    a. The work shall be accepted by the owner upon satisfactory
       inspection by the owner's representative.
    b. The work shall be completed within the time specified in the contract.
    c. The work shall be performed in accordance with the plans and
       specifications provided.
KAUAHIKAU & CHUN
ARCHITECTS

KAUPANA GARDENS

820-PATRICK STREET

MAKAHA, OAHU

HAWAII

DESIGNER

DATE

CHECKED BY

DRAWN BY

REVIEWS

ELECTRICAL
SPECIFICATIONS

PROJECT NO.

SHEET

DATE

DRAWN BY

CHECKED BY

4 OF 4
March 18, 1996

Dear Mr. & Mrs. Joe Cornet,

We would like to notify you of Seven-Eleven's plans to demolish the existing Makaha Store and construct a new store parallel to the rear property. The newly located store will increase the parking area to allow for additional parking as well as conform to the requirements of the American Disability Accessibility Guidelines. There are no plans to renovate the Aloha Petroleum gas pump area.

Please review the enclosed preliminary Environmental Assessment Study and should you have any questions please write to us within 30 calendar days from the date of mailing.

Sincerely,

Myrtle Kimura

Myrtle Kimura
March 18, 1996

Dear Mr. & Mrs. Larry Aman,

We would like to notify you of Seven-Eleven's plans to demolish the existing Makaha Store and construct a new store parallel to the rear property. The newly located store will increase the parking area to allow for additional parking as well as conform to the requirements of the American Disability Assessibility Guidelines. There are no plans to renovate the Aloha Petroleum gas pump area.

Please review the enclosed preliminary Environmental Assessment Study and should you have any questions please write to us within 30 calendar days from the date of mailing.

Sincerely,

Myrtle Kinura

Myrtle Kinura
March 18, 1996

Dear Pastor Jack,

We would like to notify you of Seven-Eleven's plans to demolish the existing store and construct a new store located parallel to the rear of the property.

The proposed building will increase the parking area allowing for additional parking stalls as well as conform to the requirements of the American Disability Accessibility Guidelines. There are no plans to renovate the existing Aloha Petroleum gas pump area.

Please review the enclosed preliminary Environmental Assessment Study and should you have any questions please write to us within 30 calendar days from the date of mailing.

Sincerely,

Myrtle Kimura

Myrtle Kimura