

SEP - 8 2004

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**STATE OF HAWAII**

DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES  
P.O. BOX 119, HONOLULU, HAWAII 96810

(P)1291.4

AUG 26 2004

**MEMORANDUM**

TO: Ms. Genevieve Salmonson, Director  
Office of Environmental Quality Control (OEQC)  
Department of Health

FROM: Ernest Y. W. Lau *EYWL*  
Public Works Administrator

SUBJECT: James B. Castle High School  
Bleachers and Storage Facility  
Final Environmental Assessment (EA) and  
Finding of No Significant Impact (FONSI)  
DAGS Job No. 12-16-4257

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DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES

The Department of Accounting and General Services (DAGS) has reviewed the comments received during the 30-day public comment period which began May 23, 2004, and believes the mitigation measures proposed in the Final EA adequately address the issues raised. Concerns regarding noise, traffic congestion, historic properties, landscaping, drainage, and water allocation are addressed in the Final EA. No other significant concerns were raised during the public review period.

Best Management Practices and mitigation measures described in the Final EA will ensure that no significant negative impacts to water and air quality, flora and fauna, cultural resources, land use, or community well-being will result from the proposed project. The proposed action will further improve the facilities used at the high school and provide enhancements to the educational and social programs for the students.

**DAGS hereby issues this Finding Of No Significant Impact.** Please publish this notice in the September 8, 2004, *Environmental Notice*.

Ms. Genevieve Salmonson  
(P)1291.4  
Page 2

We have enclosed a completed OEQC Environmental Notice Publication Form, project summary, and four (4) copies of the Final EA. Should you have any questions, please have your staff contact Mr. Lance Maja of the Planning Branch at 586-0483.

LM:jp

Attachments

c: Mr. Chester Koga, R.M. Towill Corporation w/o attachments  
Mr. Ricky Sasaki, DAGS-PW, PMB w/o attachments

**2004-09-08 FEA FONSI**  
**CASTLE HIGH SCHOOL BLEACHERS AND**  
**STORAGE FACILITY.**

SEP - 8 2004

**FILE COPY**

**Final Environmental Assessment**

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**James B. Castle High School**  
**Bleachers and Storage Facility**

DAGS Job No. 12-16-4257  
TMK (1) 4-5-034:008

Kāne'ohe, Ko'olaupoko, O'ahu

August 24, 2004

Prepared For:  
State of Hawai'i  
Department of Accounting and General Services  
Department of Education

Prepared By:  
R.M. Towill Corporation  
Anbe, Aruga & Ishizu, Architects, Inc.  
19922-0P

**Final Environmental Assessment**

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Bleachers and Storage Facility**

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## PROJECT SUMMARY

**Project:** James B. Castle High School Bleachers and Storage Facility  
45-386 Kāneʻohe Bay Drive, Kāneʻohe, Hawaiʻi 96744

**Applicant:** State of Hawaiʻi, Department of Accounting and General Services (DAGS)

**Accepting Authority:** State of Hawaiʻi, Department of Accounting and General Services (DAGS)  
Contact: Ricky R. Sasaki Tel. 586-0474

**Agent:** R.M. Towill Corporation  
420 Waiakamilo Road, Suite 411, Honolulu, Hawaiʻi 96817  
Contact: Chester T. Koga, AICP  
Phone: (808) 842-1133 / Facsimile: (808) 842-1937

**Location:** Kāneʻohe, Koʻolaupoko, Oʻahu

**TMK:** (1) 4-5-034:008

**Size:** Total School Property: 35 acres; Project Area: 0.7 acres<sup>1</sup>.

**Existing Land Uses:** High school outdoor athletic complex including football field, permanent and portable bleachers, track, parking area, play courts and baseball field.

**Proposed Action:** On the east sideline and end zones of the existing football field, construct the following: Aluminum, Americans with Disabilities Act (ADA)-compliant bleachers with steel frame on concrete foundation; walkways leading to end zone bleachers; 6 new paved parking stalls; storage area adjacent to the bleachers; and related electrical facilities.

**Required Permits:**

- State: Construction Noise Permit and Disability and Communications Access Board
- City and County of Honolulu: Grubbing, Grading and Stockpiling Permit; Building Permit for Building, Electrical, Plumbing, Sidewalk/Driveway and Demolition Work; and Street Usage Permit.

**Major Impacts:** Noise, dust and traffic congestion during construction. Increased usage of the facility during "home" football games by spectators resulting in increased bleacher use and demand for outdoor event parking.

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<sup>1</sup>Project area includes 12,000 square feet (sf) for the main bleachers; 12,000 sf for two end zone bleachers; and 20% area allowance for construction staging.

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## CHAPTER 1 INTRODUCTION

### 1.1 OVERVIEW

The State of Hawai'i, Department of Education proposes to improve athletic field facilities at James B. Castle High School (JBCHS). With approximately 1,900 students in grades 9 through 12, the school serves a region of about 50,000 residents in an area of Windward O'ahu extending from Kāne'ohe to Kualoa, including the communities of Kāne'ohe, He'eia, Kahalu'u, Waiāhole and Waikāne (Department of Education, 2001). See FIGURE 1, Project Location.

JBCHS is located in a residential neighborhood of Kāne'ohe on Kāne'ohe Bay Drive. The school is located about two blocks from Windward City Shopping Center, across Kāne'ohe Bay Drive from the Kāne'ohe Community and Senior Center and 0.3 mile from the Bay View Golf Course. See FIGURE 2, Project Vicinity.

### 1.2 PURPOSE OF THE ENVIRONMENTAL ASSESSMENT

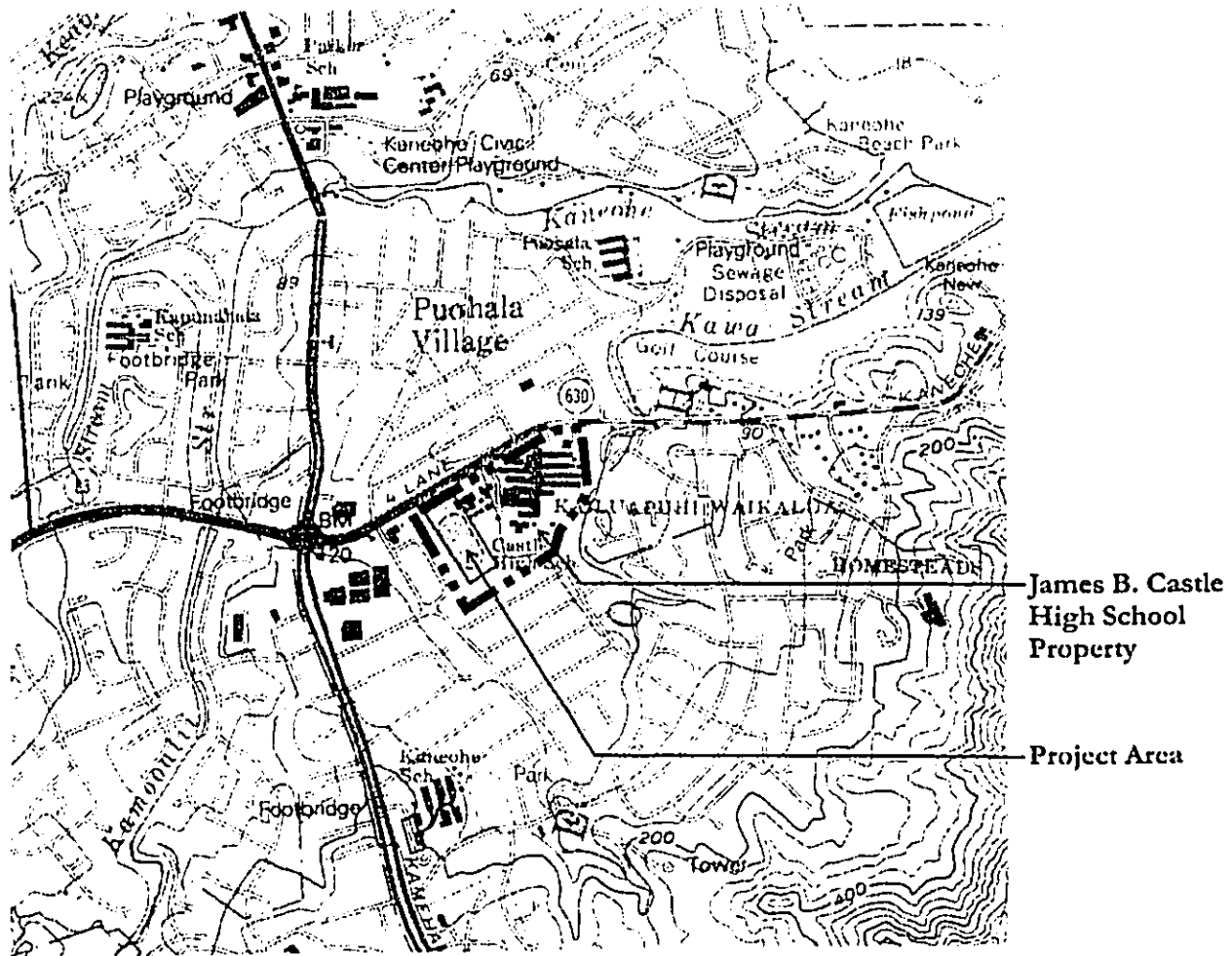
The preparation of an Environmental Assessment (EA) for the proposed action is required when State of Hawai'i lands are to be improved. In addition, the State Department of Accounting and General Services (DAGS) has prepared this Environmental Assessment (EA) because the scope of traffic and parking impacts were unclear without a traffic study, and to ensure public review of the proposed action. The EA has been prepared in accordance with Chapter 200, Title 11, Hawai'i Administrative Rules, and Chapter 343, Hawai'i Revised Statutes.

### 1.3 PURPOSE AND NEED FOR THE PROJECT

Athletics are an essential part of a high school education. They also play an important role in community life. The proposed improvements will solve the following capacity problems at JBCHS:

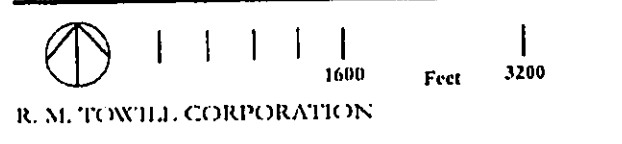
- The current bleachers cannot accommodate the growing number of spectators wishing to attend athletic and special events, particularly football games and graduation.



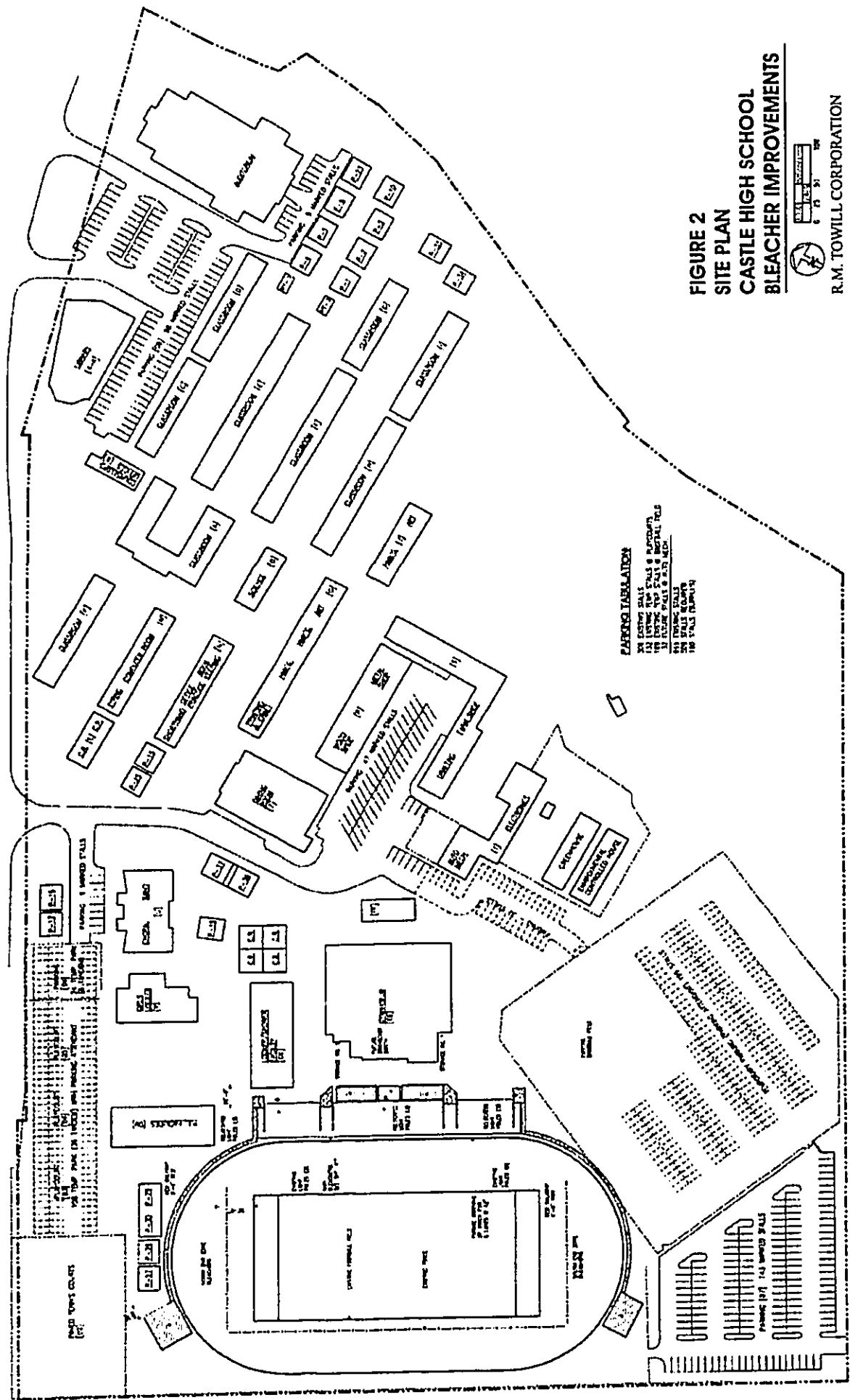


Source: USGS Topographic Map, Kaneohe, Hawaii (scale adjusted)

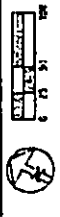
**FIGURE 1**  
**PROJECT LOCATION**  
 Castle High School Bleachers and Storage  
 Kaneohe, Oahu, Hawaii



KANECHÉ BAY DRIVE



**FIGURE 2**  
**SITE PLAN**  
**CASTLE HIGH SCHOOL**  
**BLEACHER IMPROVEMENTS**



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- The school has no bleachers facilities that meet access requirements of the Americans with Disabilities Act.
- The high school athletic department requires additional storage space for athletic equipment.
- The school track, which surrounds the football field, does not meet competitive standards and must be widened (this is a future project, but the current action will provide the needed space for a widened track).

#### **1.4 SCHEDULE AND COST**

State of Hawai'i funds will be used for the proposed project. Construction funds appropriated for the project total \$1.6 million.

Bid opening is scheduled for summer 2004. Construction is tentatively scheduled to begin in November 2004, following the football season, and will extend approximately twelve months to October 2005.

**CHAPTER 2**  
**EXISTING CONDITIONS, PROJECT DESCRIPTION**  
**AND ALTERNATIVES TO THE PROPOSED ACTION**

**2.1 EXISTING CONDITIONS**

The facilities described below are shown in FIGURE 3, Existing Conditions.

**2.1.1 BLEACHERS, LIGHTING AND FIRE ACCESS**

The JBCHS football field is located next to the gymnasium and baseball field. Sideline (main) bleachers have a capacity of approximately 1,960 at 24 inches per seat. Portable bleachers in the two football end zones accommodate another 100-150 spectators. The remainder of spectators use designated open areas as standing room.

The main bleachers were installed in 1988. When full of spectators, the "aluminum bleacher steps and landings sag under the load," according to DOE personnel and confirmed by DAGS. ADA accessibility for spectators is provided only on the north end of the bleachers.

The field has three night lighting poles and a fence around three sides of the play area between the track and the football field.

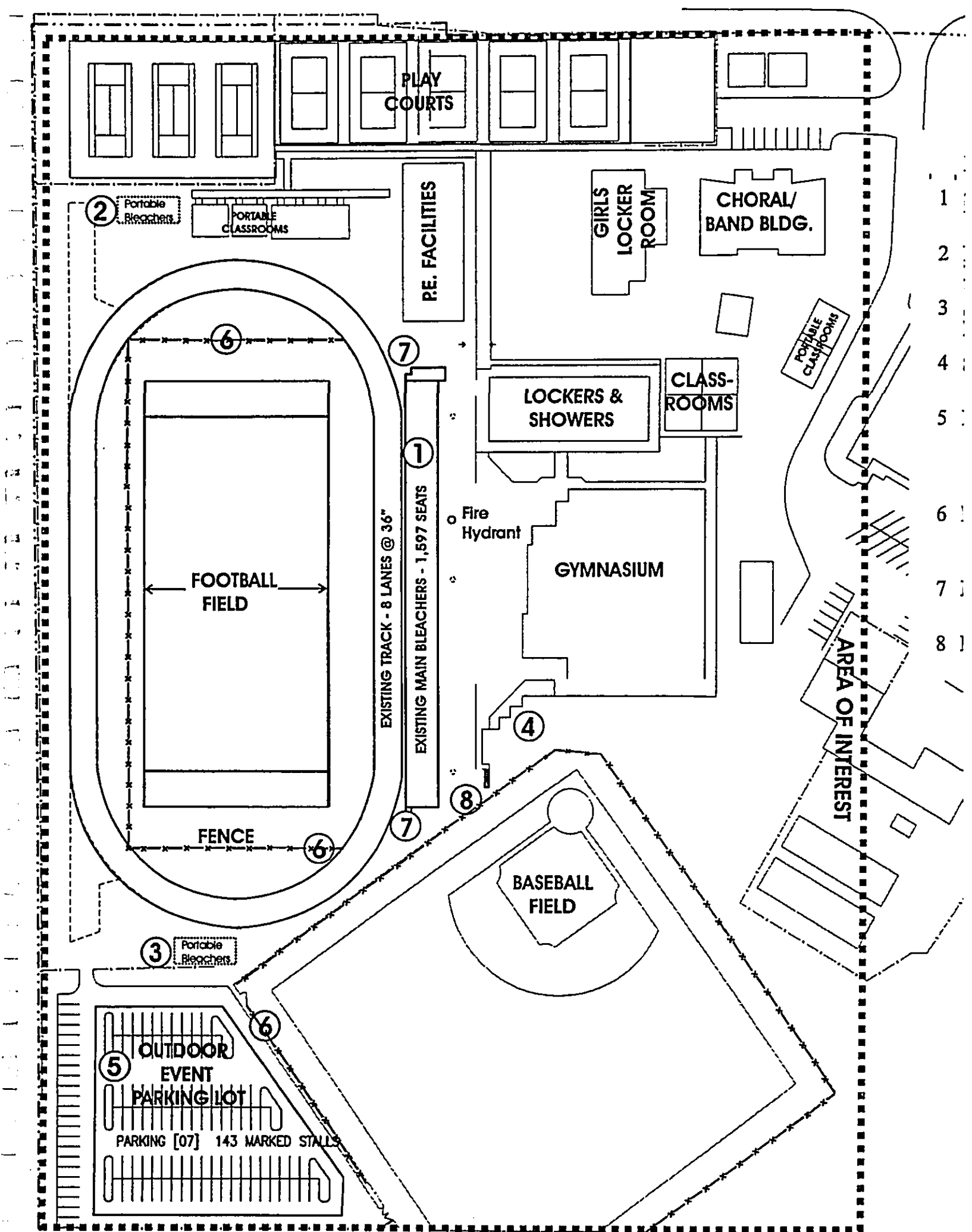
Fire department access to a hydrant near the gymnasium is currently through Parking Lot 07, located south of the football field.

**2.1.2 TRACK**

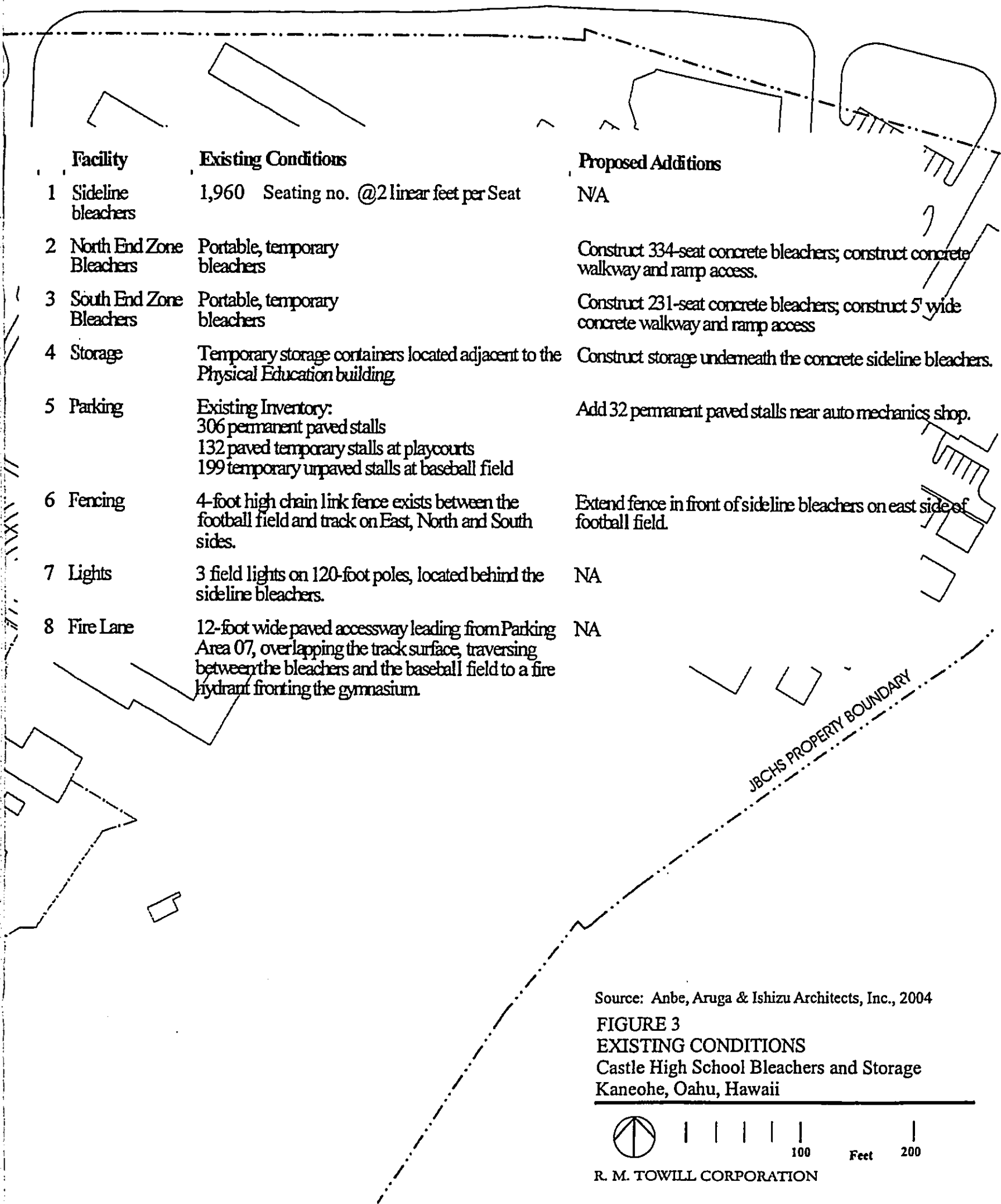
The existing JBCHS athletic track surrounds the football field. The existing track is a modified metric 8-lane, 36-inches per lane track with a "broken back" configuration<sup>2</sup>. The track is currently

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<sup>2</sup>The broken back track has a 400m or 1312.34 foot minimum total distance, measured along the measure line of lane #1. The track consists of two straight sections of equal length and two curved ends that are not arcs of a circle. Rather, each curved end is created using curves with two different radii. This design creates a more square shaped track with shorter straight sides, allowing for placement of a soccer field inside.



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Facility	Existing Conditions	Proposed Additions
1 Sideline bleachers	1,960 Seating no. @2 linear feet per Seat	NA
2 North End Zone Bleachers	Portable, temporary bleachers	Construct 334-seat concrete bleachers; construct concrete walkway and ramp access.
3 South End Zone Bleachers	Portable, temporary bleachers	Construct 231-seat concrete bleachers; construct 5' wide concrete walkway and ramp access
4 Storage	Temporary storage containers located adjacent to the Physical Education building.	Construct storage underneath the concrete sideline bleachers.
5 Parking	Existing Inventory: 306 permanent paved stalls 132 paved temporary stalls at playcourts 199 temporary unpaved stalls at baseball field	Add 32 permanent paved stalls near auto mechanics shop.
6 Fencing	4-foot high chain link fence exists between the football field and track on East, North and South sides.	Extend fence in front of sideline bleachers on east side of football field.
7 Lights	3 field lights on 120-foot poles, located behind the sideline bleachers.	NA
8 Fire Lane	12-foot wide paved accessway leading from Parking Area 07, overlapping the track surface, traversing between the bleachers and the baseball field to a fire hydrant fronting the gymnasium.	NA

Source: Anbe, Aruga & Ishizu Architects, Inc., 2004

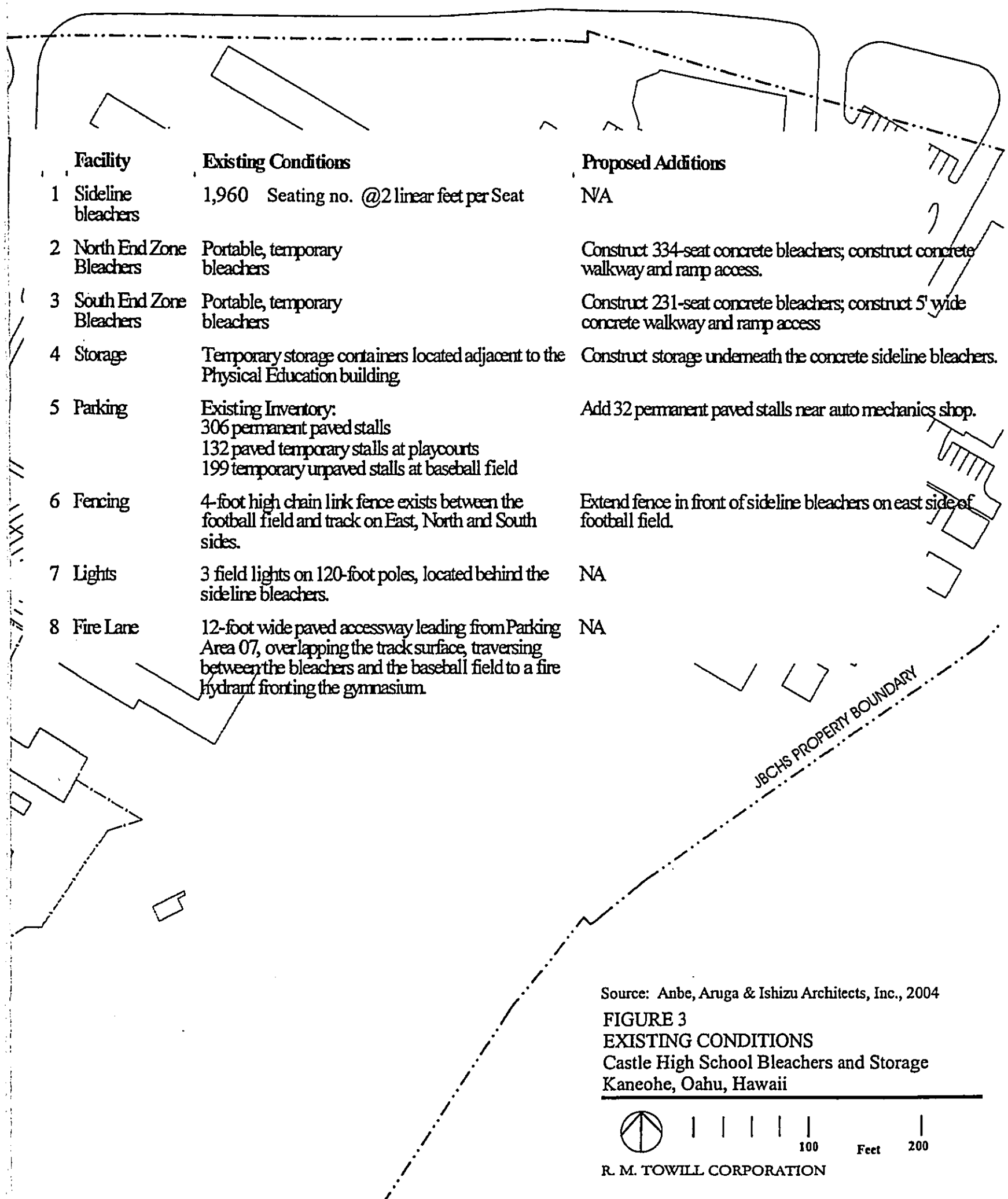
**FIGURE 3**  
**EXISTING CONDITIONS**  
 Castle High School Bleachers and Storage  
 Kaneohe, Oahu, Hawaii



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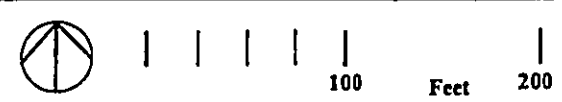
# CORRECTION

THE PRECEDING DOCUMENT(S) HAS  
BEEN REPHOTOGRAPHED TO ASSURE  
LEGIBILITY  
SEE FRAME(S)  
IMMEDIATELY FOLLOWING



Facility	Existing Conditions	Proposed Additions
1 Sideline bleachers	1,960 Seating no. @2 linear feet per Seat	NA
2 North End Zone Bleachers	Portable, temporary bleachers	Construct 334-seat concrete bleachers; construct concrete walkway and ramp access.
3 South End Zone Bleachers	Portable, temporary bleachers	Construct 231-seat concrete bleachers; construct 5' wide concrete walkway and ramp access
4 Storage	Temporary storage containers located adjacent to the Physical Education building	Construct storage underneath the concrete sideline bleachers.
5 Parking	Existing Inventory: 306 permanent paved stalls 132 paved temporary stalls at playcourts 199 temporary unpaved stalls at baseball field	Add 32 permanent paved stalls near auto mechanics shop.
6 Fencing	4-foot high chain link fence exists between the football field and track on East, North and South sides.	Extend fence in front of sideline bleachers on east side of football field.
7 Lights	3 field lights on 120-foot poles, located behind the sideline bleachers.	NA
8 Fire Lane	12-foot wide paved accessway leading from Parking Area 07, overlapping the track surface, traversing between the bleachers and the baseball field to a fire hydrant fronting the gymnasium.	NA

Source: Anbe, Aruga & Ishizu Architects, Inc., 2004  
**FIGURE 3**  
**EXISTING CONDITIONS**  
**Castle High School Bleachers and Storage**  
**Kaneohe, Oahu, Hawaii**



R. M. TOWILL CORPORATION



used for practice only; sanctioned track meets are not planned for JBCHS.(DAGS, 2003).

### **2.1.3 ATHLETIC EQUIPMENT STORAGE**

Outdoor athletic equipment is currently stored on the campus in a shipping container and under existing bleachers. This does not afford adequate protection of the equipment. The shipping container temporary accommodations has poor air circulation and is difficult to secure. As a standalone facility, it occupies precious campus space.

### **2.1.4 SPECTATOR ATTENDANCE AT OUTDOOR SCHOOL EVENTS**

TABLE 1, Estimated Annual Spectators at Football Field/Track Area Events, presents observations and anecdotal information regarding average outdoor spectator attendance from 1995 to 2004. According to the JBCHS Athletic Director, there are two events per year when attendance exceeds bleacher capacity: one football game and high school graduation exercises. At the highest-attendance football game, spectators stand behind the existing fences on three sides of the football field and next to the existing bleachers. At graduation, standing room is augmented by 1,000 chairs set up on the football field (Personal Communication, Richard Haru, January 2004).

### **2.1.5 ON-SITE PARKING FOR OUTDOOR SCHOOL EVENTS**

According to City and County of Honolulu regulations, the existing 306 stalls at JBCHS represent "a deficiency in available [permanent] parking stalls" (DAGS, 2003). The parking area closest to the football field is "Parking 07" with 143 marked stalls. To comply with County regulations, JBCHS plans to obtain a waiver that will allow the use of paved play courts and the grassed baseball field as temporary additional parking areas during larger outdoor school events.

**Table 1**  
**Estimated Annual Spectators at Football Field/Track Area Events**

Event	Annual Season	Number of Events <sup>3</sup> per Season at JBCHS	Typical Game Length	Time of Day	Estimated Attendance
Football	August, September and October	4	3.5 hours	7:30 p.m.	One game = 2,500 - 3,000 Remaining 3 games: 1,500 - 2,000
Boys' and Girls' Soccer	December and January	10	3 hours to finish 3 games	4:00 p.m.	100-300
Graduation	Late May	1	3 hours	4:00 p.m.	5,000

## 2.2 PROPOSED ACTION

The project includes improvements to bleachers, athletic equipment storage, parking arrangements and ADA compliance actions on the JBCHS campus. Anbe, Aruga & Ishizu, Architects, Inc. designed the improvements shown in the following figures:

- Figure 4 Proposed Improvements
- Figure 5 Main Bleacher Elevations and Sections
- Figure 6 Main Bleacher/Storage Section
- Figure 7 End Zone Bleachers: Elevations and Sections

### 2.2.1 BLEACHER SEATING CAPACITY

The main bleachers will be demolished to make way for new bleachers with storage beneath and adjacent for athletic equipment storage. The height and slope of the replacement bleachers will be in accordance with the Uniform Building Code (UBC) regulations with regard to maximum riser height and tread width. The revised bleacher structure will also comply with setback requirements and will

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<sup>3</sup> One soccer match typically features up to 3 games played sequentially.

accommodate the existing field light poles.

Provisions will be made for a future broadcast booth. Capacity analysis by Anbe, Aruga & Ishizu, Architects, Inc., estimated that total capacity of 2,249 seats, and including 40 “accessible” seats, would be needed to meet demand for outdoor athletic events at JBCHS (DAGS, 2003). See TABLE 2, Seating Tabulation After Proposed Action. “Permanent” bleacher seats will be located in the same location as the current main bleachers. ADA-compliant, five-foot wide concrete walkways will lead from each side of the main bleachers to the respective end zone bleachers.

**Table 2**  
**Seating Tabulation After Proposed Action**  
(Assuming 2 linear feet per bench seat)

Bleacher Location	Number of Seats
Main (Sideline) Bleachers	1,854
North End Zone	330
South End Zone	225
Accessible Seats	40
Total Seats	2,449

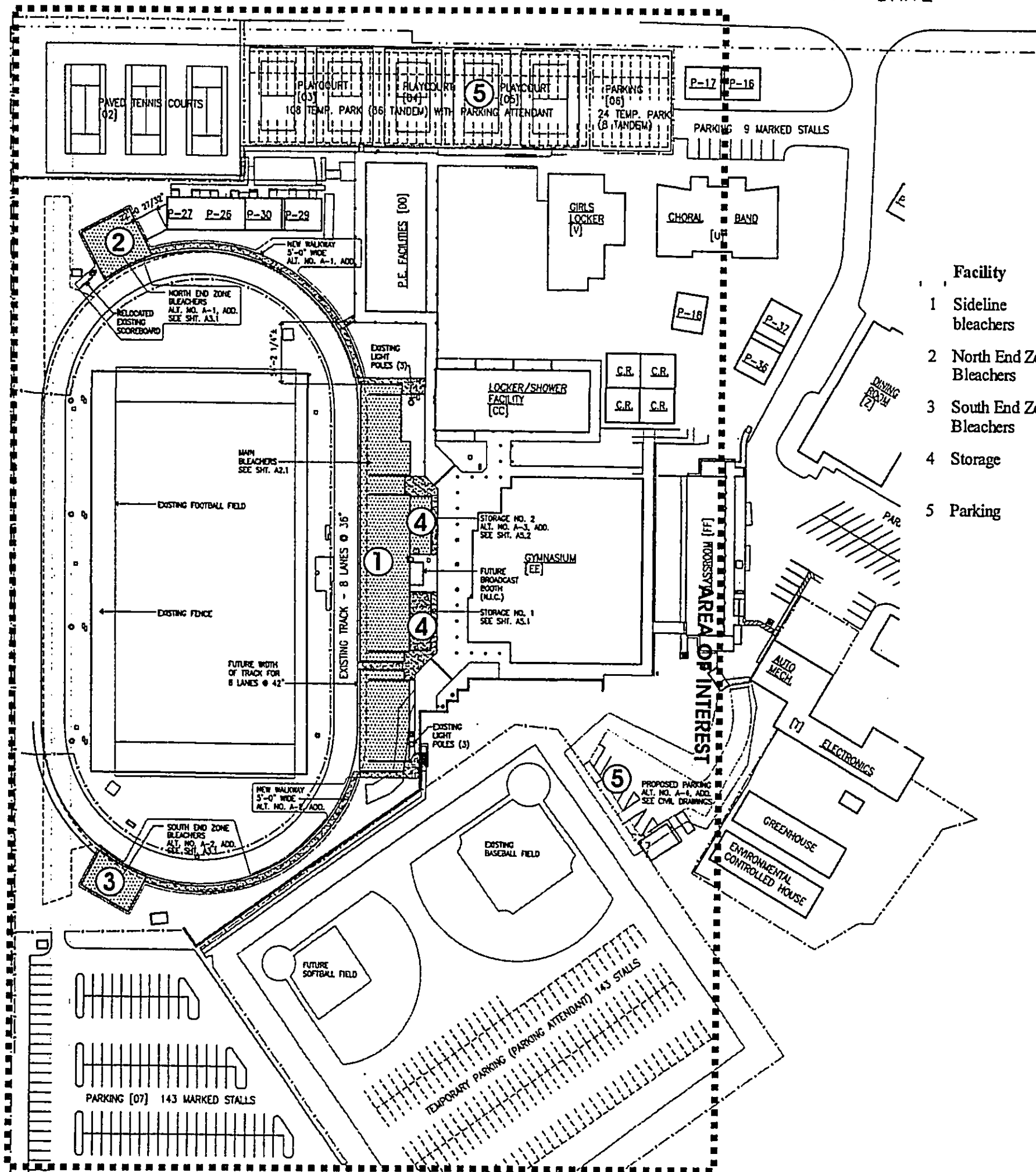
Source: Anbe, Aruga & Ishizu, Architects, Inc., 2004

### 2.2.2 ATHLETIC EQUIPMENT STORAGE

Storage facilities for athletic equipment will be integrated into the main bleacher design and footprint. The two separate storage areas will be secured by chain link fencing and gates.

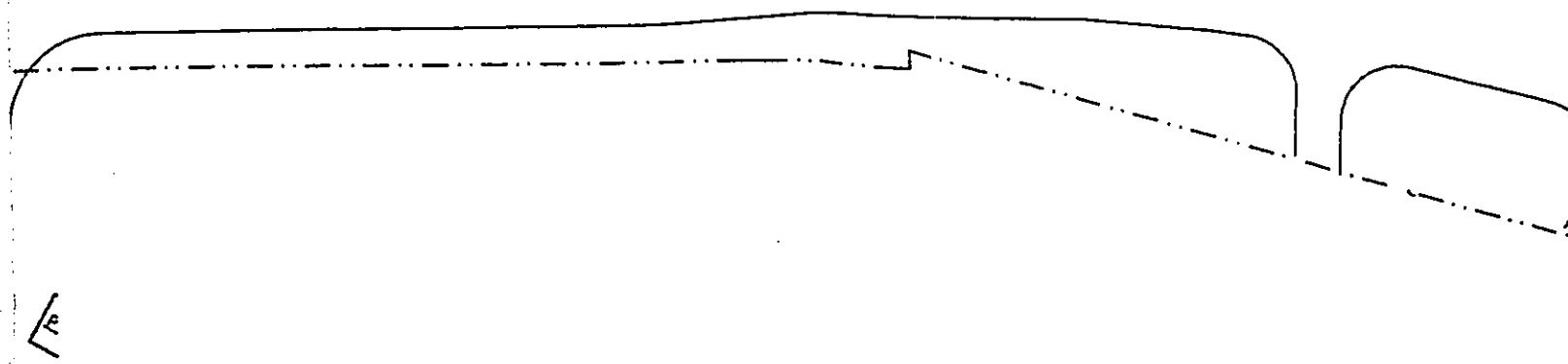


KANEOHE BAY DRIVE



- Facility
- 1 Sideline bleachers
  - 2 North End Zone Bleachers
  - 3 South End Zone Bleachers
  - 4 Storage
  - 5 Parking

DRIVE



Facility	Proposed Additions	Other Proposed Actions
1 Sideline bleachers	Demolish existing bleachers; construct aluminum sideline bleachers; provide ADA-compliant seats and ramp access.	
2 North End Zone Bleachers	Construct 336-seat aluminum bleachers; construct concrete walkway and ramp access.	Relocate away from football field.
3 South End Zone Bleachers	Construct 231-seat concrete bleachers; construct 5' wide concrete walkway and ramp access	Relocate away from football field
4 Storage	Construct storage adjacent to the aluminum sideline bleachers.	Remove or use existing storage containers for alternate purposes.
5 Parking	Add 6 permanent paved stalls near auto mechanics shop.	1) Obtain waiver from campus parking requirements from City and County of Honolulu 2) Ensure parking attendants are available to manage temporary parking areas at play courts and baseball field during football games and graduation ceremonies

**SEATING TABULATION:**

MAIN BLEACHERS:	2428 @ 18"	(1854 @ 24")
NORTH END ZONE BLEACHERS:	440 @ 18"	(330 @ 24")
SOUTH END ZONE BLEACHERS:	300 @ 18"	(225 @ 24")
ACCESSIBLE SEATS:	40 @ 36"	(40 @ 36")
	3208	(2449)

PARKING (2449/5): 490 STALLS REQUIRED

**PARKING TABULATION:**

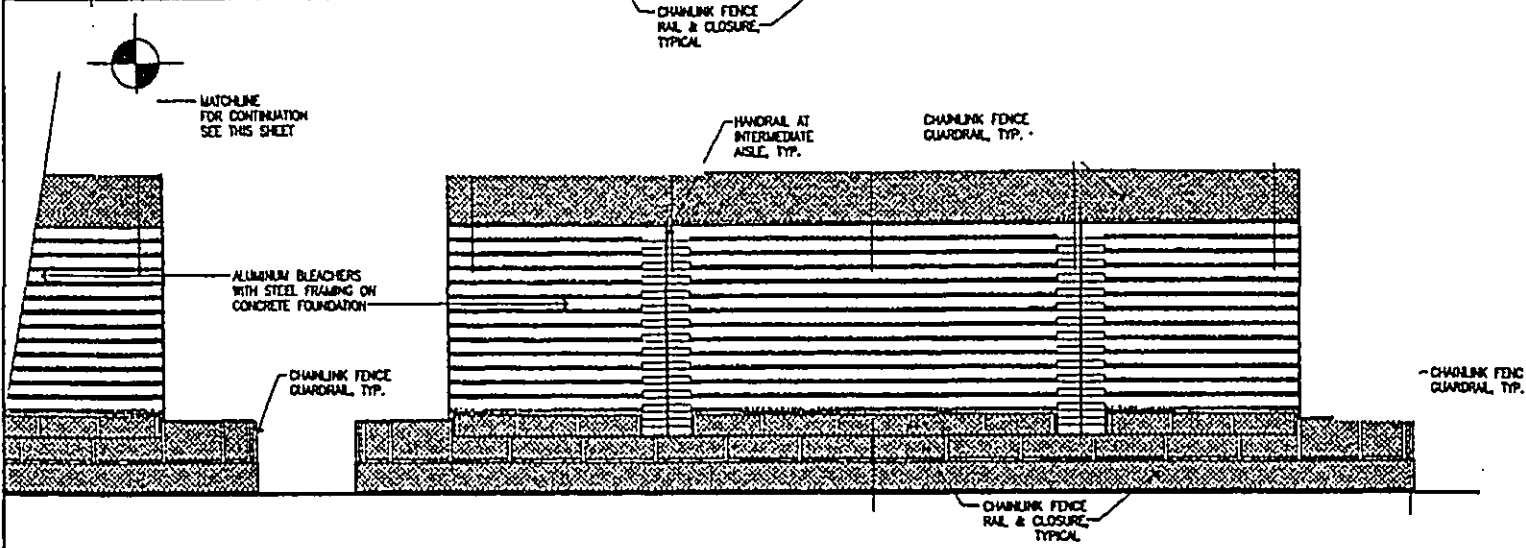
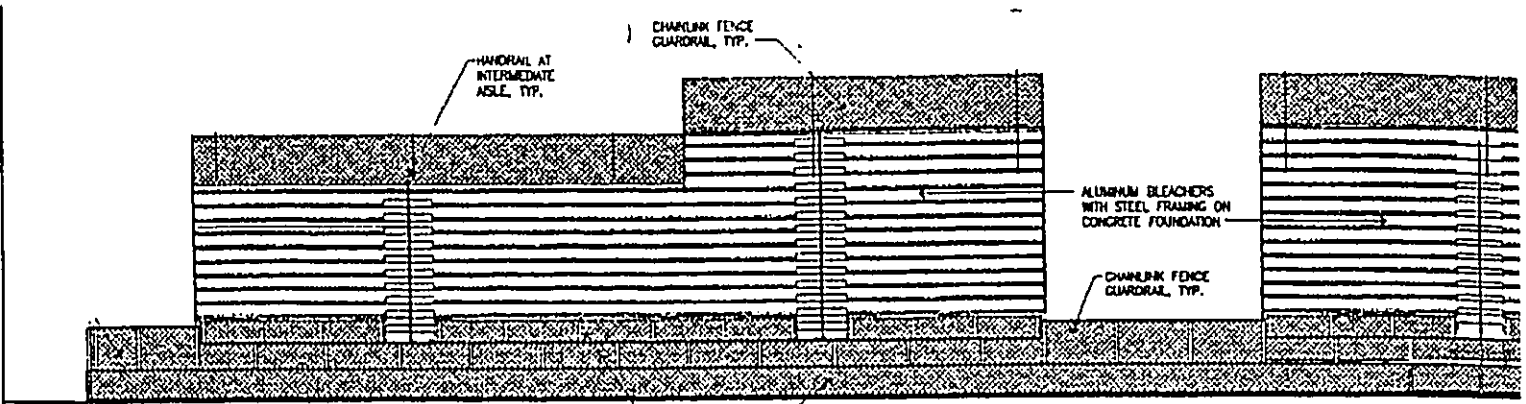
306 EXISTING STALLS
132 EXISTING TEMP STALLS @ PLAYCOURTS
143 EXISTING TEMP STALLS @ BASEBALL FIELD
6 FUTURE STALLS @ AUTO MECH.
587 EXISTING STALLS
490 STALLS REQUIRED
97 STALLS (SURPLUS)

Source: Anbe, Aruga & Ishizu Architects, Inc., 2004

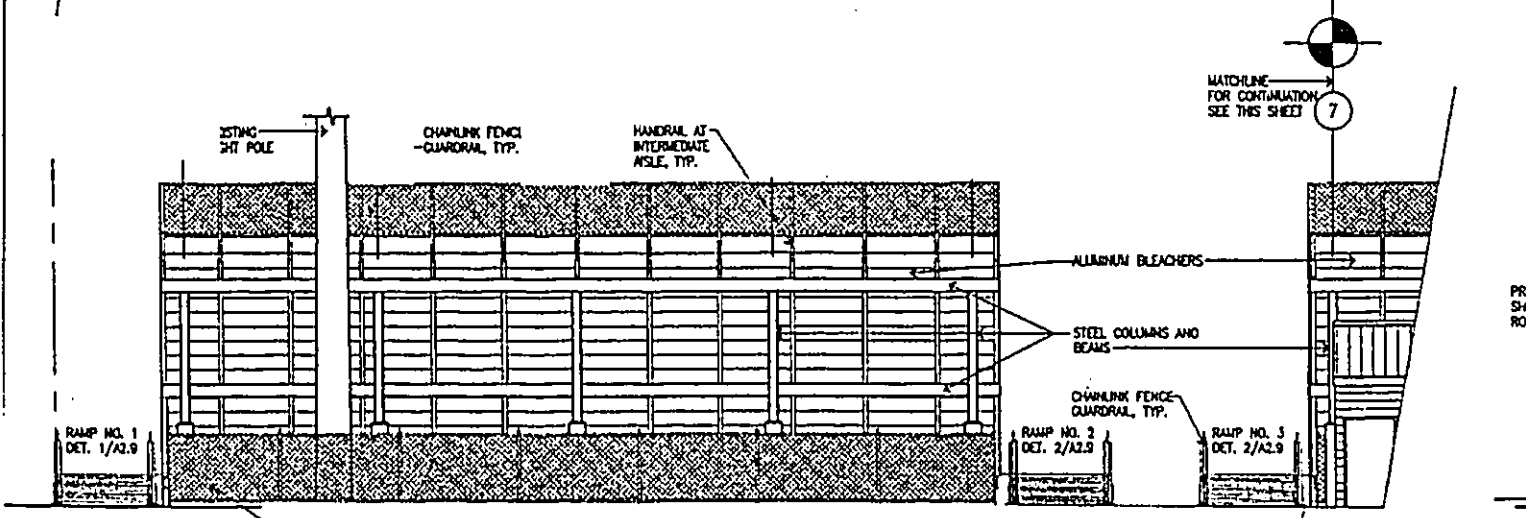
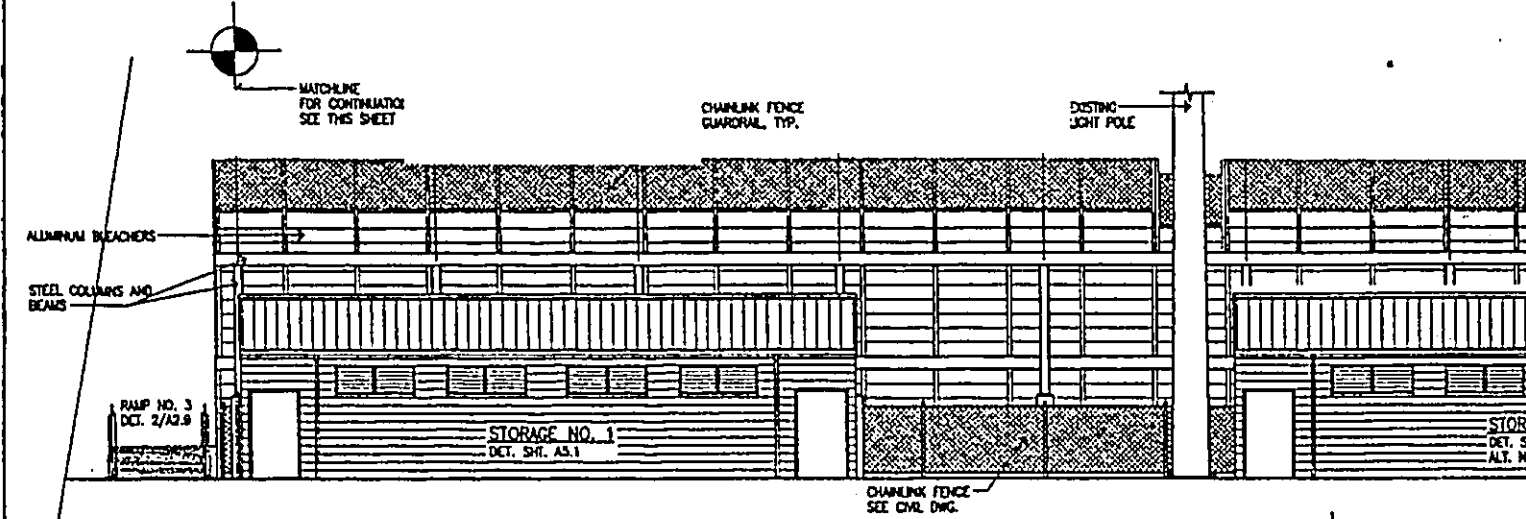
**FIGURE 4**  
**PROPOSED IMPROVEMENTS**  
Castle High School Bleachers and Storage  
Kaneohe, Oahu, Hawaii



R. M. TOWILL CORPORATION



MAIN BLEACHER WEST ELEVATION

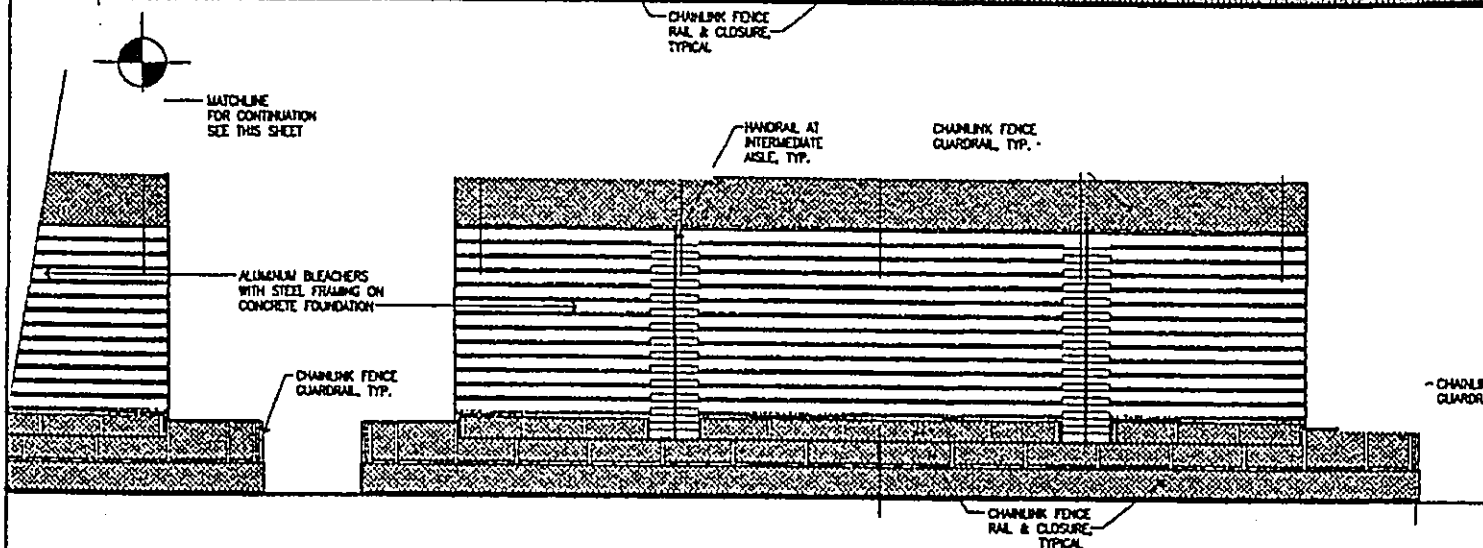
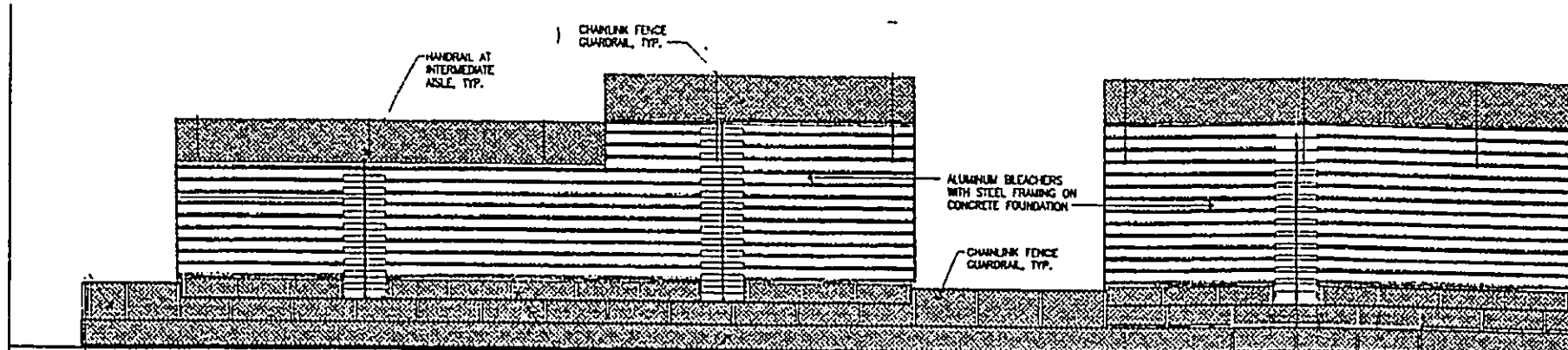


MAIN BLEACHER EAST ELEVATION

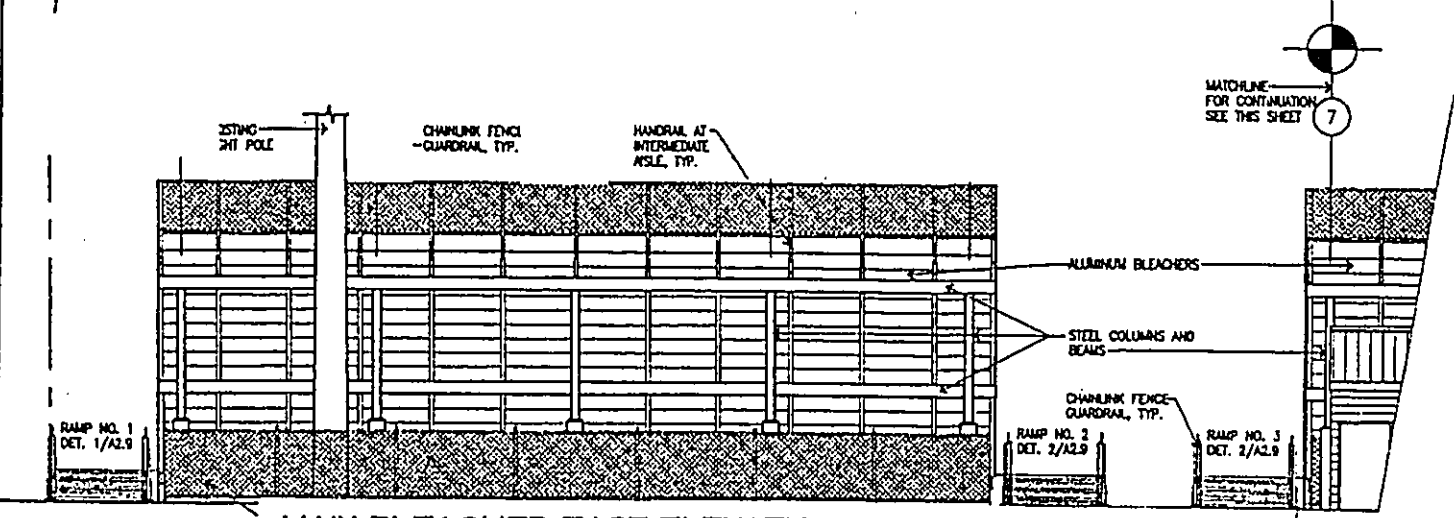
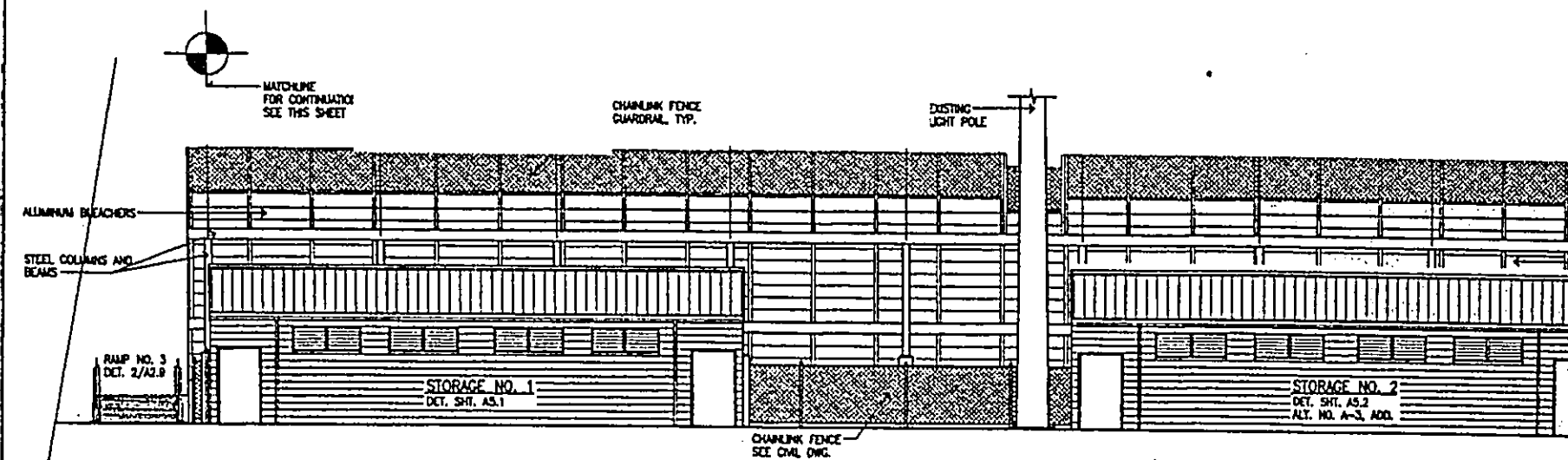
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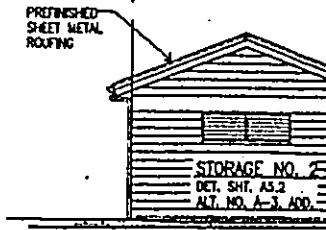




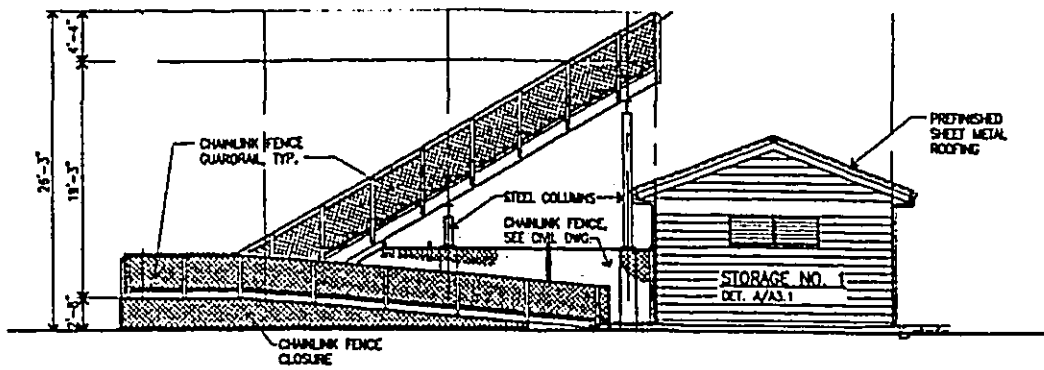
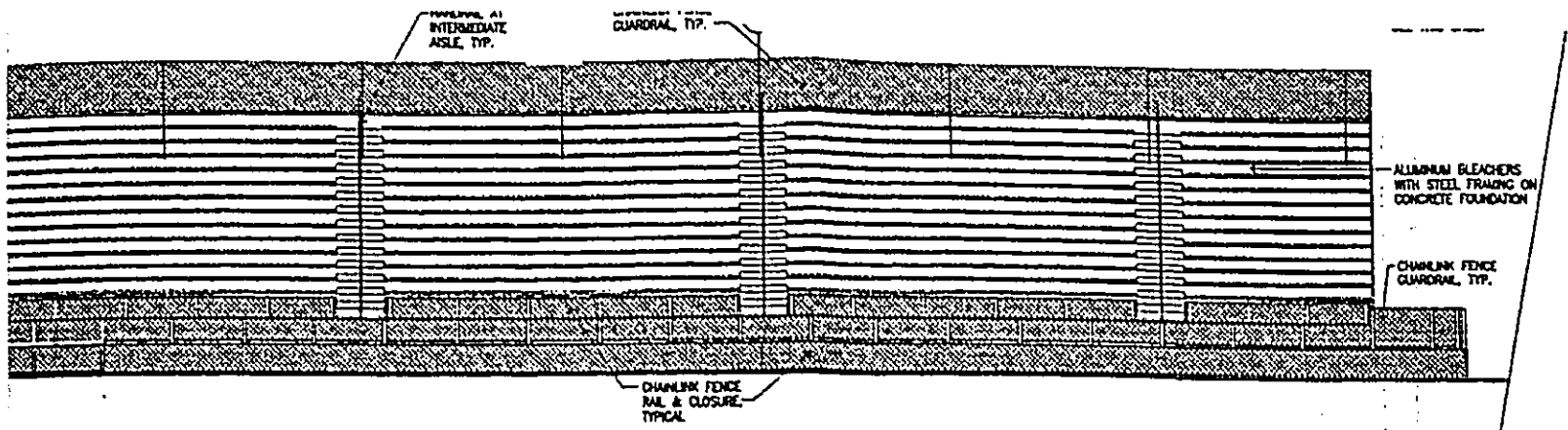
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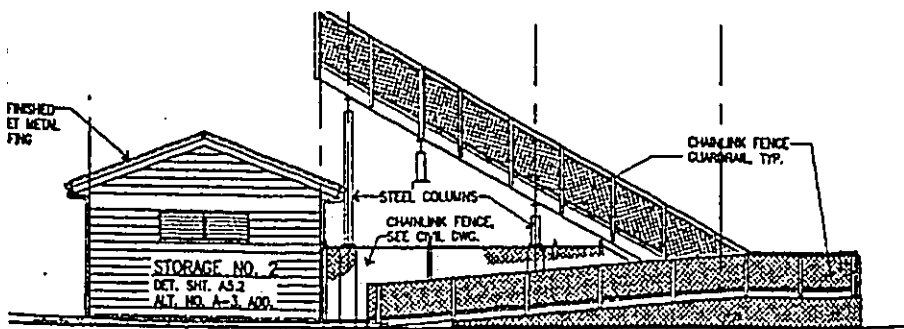
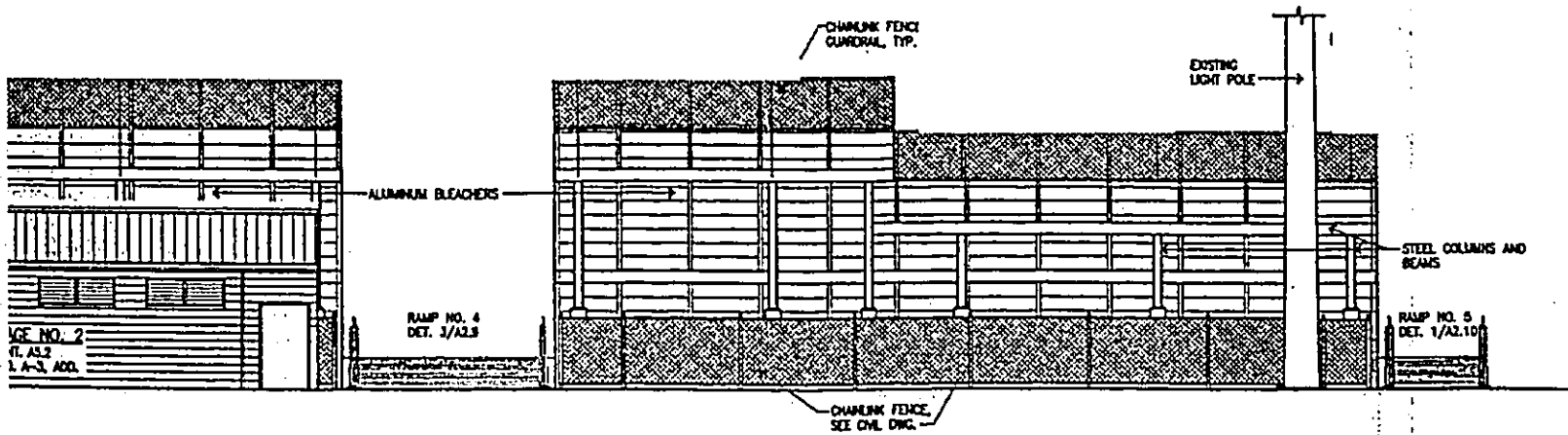
**MAIN BLEACHER EAST ELEVATION**



**MAIN BLEACHER**



MAIN BLEACHER SOUTH ELEVATION

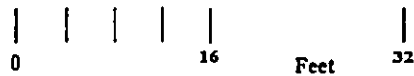


MAIN BLEACHER NORTH ELEVATION

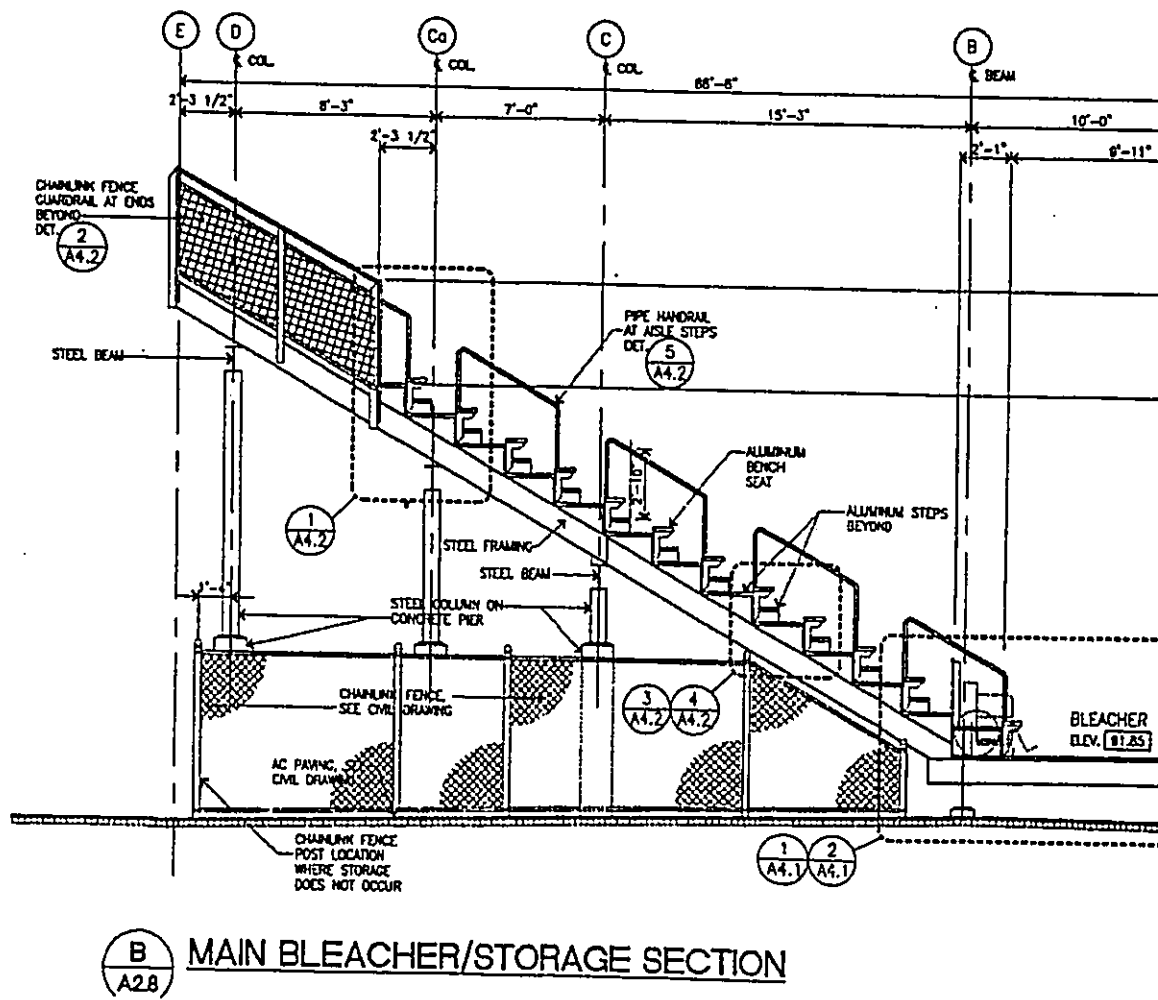
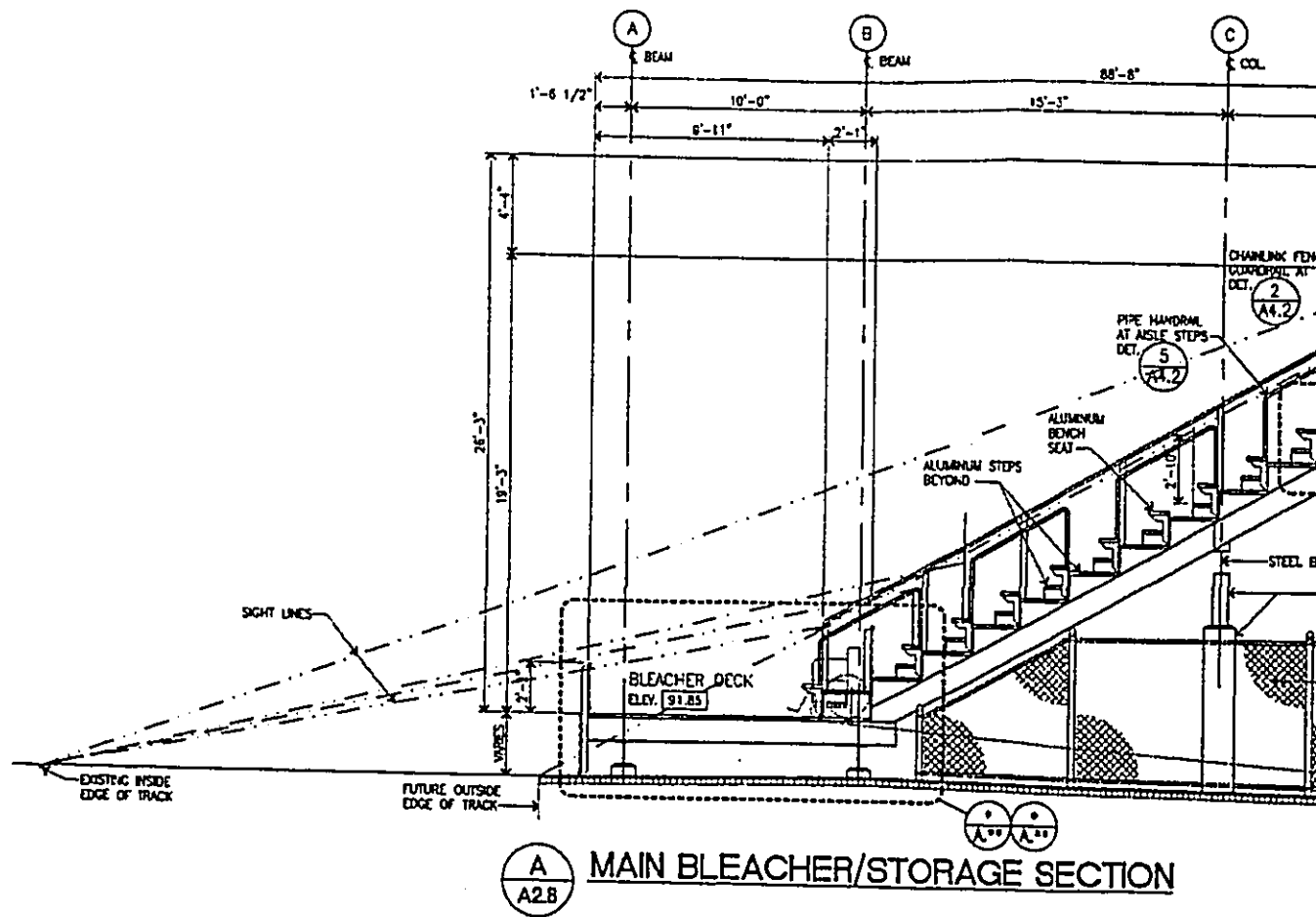
Source: Anbe, Aruga & Ishizu Architects, Inc., 2004

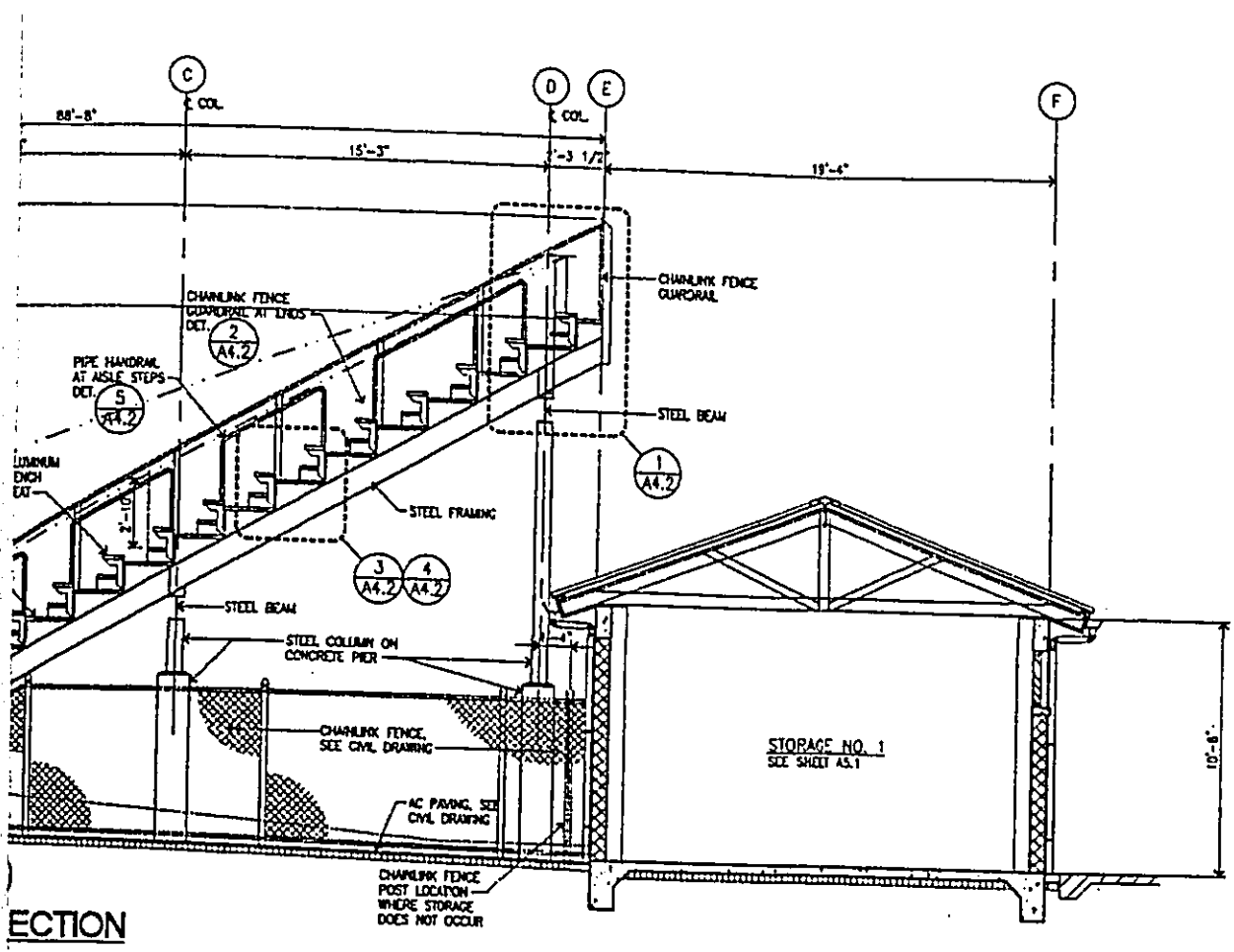
FIGURE 5  
MAIN BLEACHER ELEVATIONS  
AND SECTIONS

Castle High School Bleachers and Storage  
Kaneohe, Oahu, Hawaii

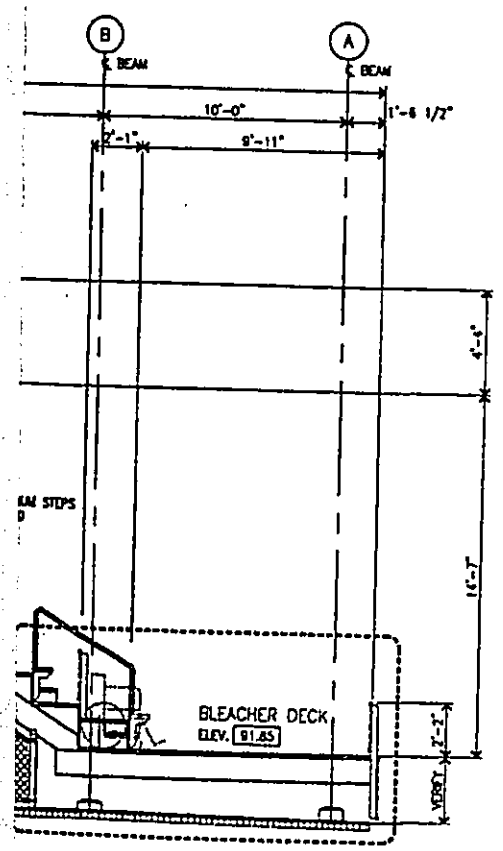


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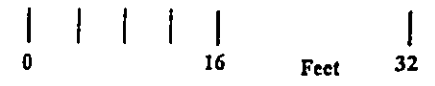


SECTION

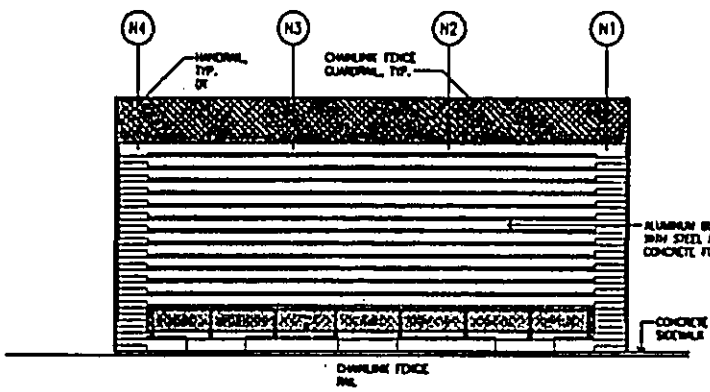


Source: Anbe, Aruga & Ishizu Architects, Inc., 2004

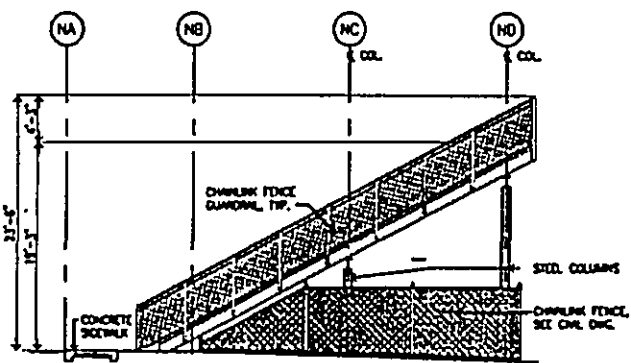
FIGURE 6  
 MAIN BLEACHER/ STORAGE SECTION  
 Castle High School Bleachers and Storage  
 Kaneohe, Oahu, Hawaii



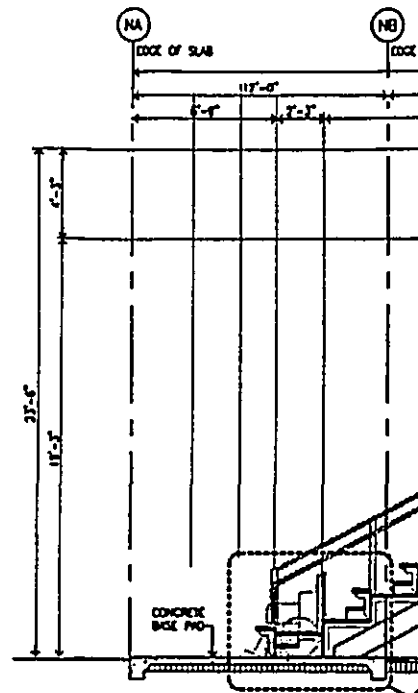
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SOUTH ELEVATION

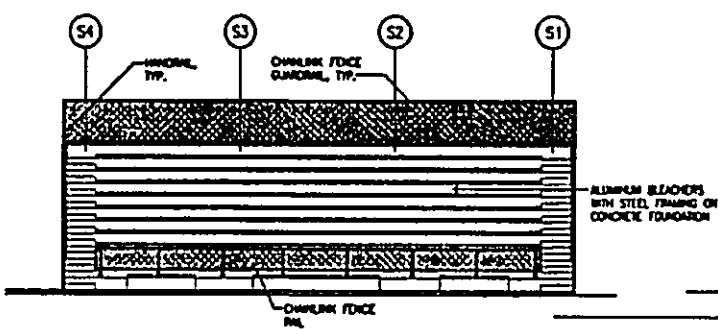


EAST ELEVATION

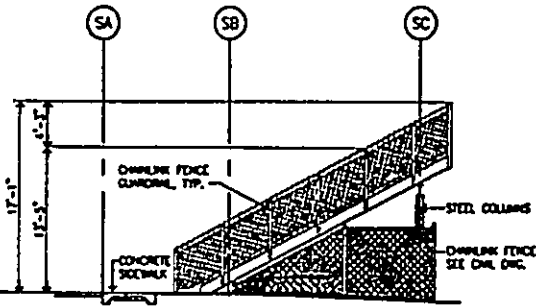


A NORTH END ZONE BLEACHER

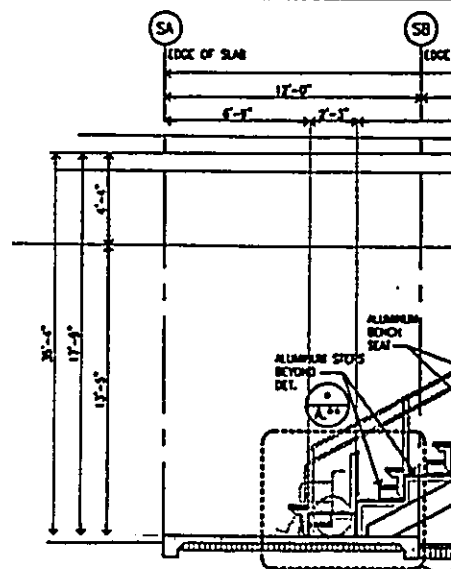
NORTH END ZONE BLEACHER ELEVATIONS - ALT. NO. A-1, ADD.



NORTH ELEVATION

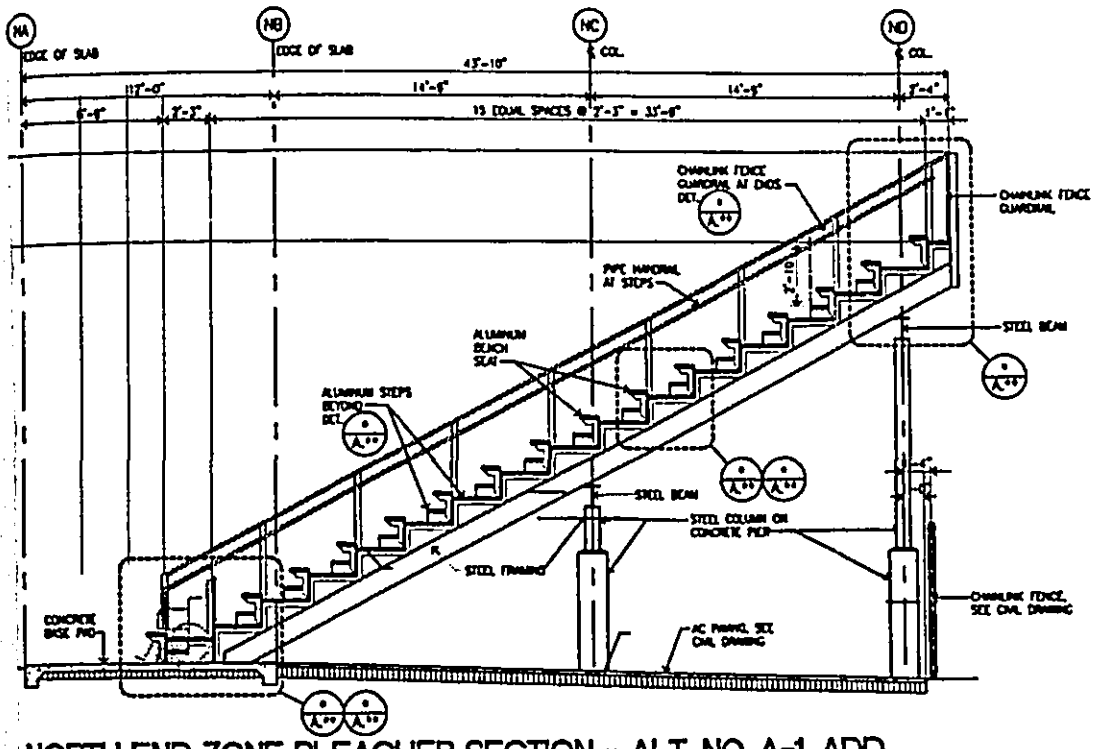


WEST ELEVATION

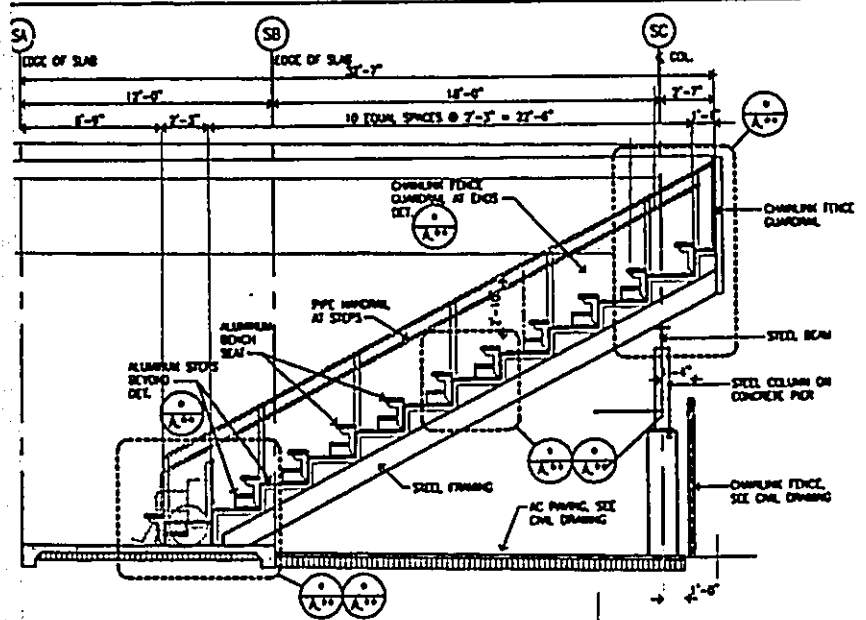


A SOUTH END ZONE BLEACHER

SOUTH END ZONE BLEACHER ELEVATIONS - ALT. NO. A-2, ADD.



NORTH END ZONE BLEACHER SECTION - ALT. NO. A-1, ADD.



SOUTH END ZONE BLEACHER SECTION - ALT. NO. A-2, ADD.

Source: Anbe, Aruga & Ishizu Architects, Inc., 2003

FIGURE 7  
 END ZONE BLEACHERS: ELEVATIONS  
 AND SECTIONS  
 Castle High School Bleachers and Storage  
 Kaneohe, Oahu, Hawaii



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### 2.2.3 OUTDOOR EVENT PARKING

JBCHS staff will seek a waiver from parking requirements from the City and County of Honolulu, which will enable the school to include temporary event parking at the baseball field (143 spaces) and play courts (132 spaces) in the calculation of on-site parking. The architect's estimates are shown in TABLE 3, Parking Tabulation.

**Table 3**  
**Parking Tabulation**

Parking Location	Number of Stalls
Existing Campus Stalls	306
Temporary Parking Spaces at Play Courts	132 (See note 1)
Temporary Parking Spaces at Baseball Field	143
Total Available On-Site Parking Spaces	581
Stalls Required (2,543 seats / 5)	509 (See note 2)
Surplus Stalls (Total available less required)	72

---

Source: Anbe, Aruga & Ishizu, Architects, Inc., 2003

- Temporary parking spaces will not require construction. On-site management of parking by parking attendants is assumed.
- For details, See Table 2, Seating Tabulations After Proposed Action.

In addition to the parking facilities listed above, 6 new permanent spaces will be constructed as part of this project by the baseball field and auto mechanics shop if budget allows (see FIGURE 3, Improvement Summary).

### 2.2.4 ADA IMPROVEMENTS

Improvements to ensure compliance with the Americans with Disabilities Act (ADA) will include 21 accessible seats, wheelchair access and ADA-compliant ramps and walkways. The new 6-stall parking area will include handicapped accessible stalls.

## **2.3 ALTERNATIVES TO THE PROPOSED ACTION**

The proposed action was preferred and chosen over the following alternative actions.

### **2.3.1 NEW CONCRETE BLEACHERS AND STANDALONE STORAGE AREA**

Constructing a permanent concrete bleacher structure, with a separate storage facility located adjacent or in close proximity to the bleacher structure, was rejected due to a lack of available funds.

### **2.3.2 REFURBISHED BLEACHERS AND STANDALONE STORAGE AREA**

This alternative involves retaining and refurbishing the salvageable portions of the existing bleacher structure (steel framing and concrete foundation) and replacing damaged seating, walkways and tiers with new aluminum. It would include expanding the main bleachers using the same materials.

Refurbishment vs. new construction was rejected because the existing structure cannot be expanded to meet provisions of building codes and the Americans with Disabilities Act. This alternative also requires committing additional campus area to accommodate a standalone storage area.

### **2.3.3 COMBINATION FACILITIES**

Combining a permanent concrete portion of the bleacher structure with storage below and expanded temporary (aluminum) seats with no storage below was rejected because the current aluminum bleachers are substandard for handicap access and are approaching the end of their useful life. This alternative also requires committing additional campus area to accommodate a standalone storage area. The cost of construction is also a concern.

### **2.3.4 DELAYED ACTION**

Delaying construction of proposed project would not address the spectator capacity and handicap access problems which affect the community during major outdoor events. Delaying construction of the secured athletic equipment storage area could result in theft or damage to existing equipment.

### **2.3.5 NO ACTION**

Under the No Action Alternative, the subject project would not be constructed and the potential for environmental, social, and economic impacts disclosed in this Assessment would be precluded.



However, taking no action does not accomplish the stated purpose which is to increase the capacity of outdoor event viewing and equipment storage at JBCHS.

# CORRECTION

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However, taking no action does not accomplish the stated purpose which is to increase the capacity of outdoor event viewing and equipment storage at JBCHS.

**CHAPTER 3**  
**ENVIRONMENTAL SETTING, POTENTIAL IMPACTS,**  
**AND MITIGATION**

**3.1 TOPOGRAPHY**

A USGS benchmark at Kamehameha Highway near JBCHS shows an elevation of 120 feet above mean sea level (msl). The project site has been graded to provide a level football and track surface. To the west of the proposed south end zone bleachers, the topography dips about 10 feet to Parking Lot #07 below. The parking lot is on the same level as Namoku Street residences.

**Impacts and Mitigation Measures**

The proposed improvements will be constructed at the existing grade. No impacts to topography are expected and no mitigation measures are required.

**3.2 CLIMATE AND RAINFALL**

The average annual temperature recorded in the project area range is 74 degrees Fahrenheit, with an average high of 78 degrees and a low of 71 degrees. Total average annual rainfall is 58.2 inches, with monthly averages ranging from 2.6 inches in June to 7 inches in November. Trade wind showers are common. Although heavy rains occur at times, most of the showers are of short duration. Wind speed in Kāneʻohe varies from 13 to 24 miles per hour and is generally from the northeasterly direction (City-Data, "Kāneʻohe, Hawaiʻi," 2003).

**Impacts and Mitigation Measures**

The proposed project will have no effect on prevailing climatic conditions. The temporary parking arrangements in the grassed baseball field could be affected by heavy rainfall preceding or during a major outdoor event. No mitigative measures are required or recommended.

### 3.3 SOILS

The U.S. Department of Agriculture, Soil Conservation Service Soil Survey, characterizes the soil types at the project site as follows. See FIGURE 8, Soils Map.

*The Lolekaa series consists of well-drained soils on fans and terraces on the windward side of the Island of O'ahu. These soils developed in old, gravelly colluvium and alluvium. The predominant soil type is Lolekaa silty clay, with 3 to 8 percent slopes (LoB). This soil has moderately rapid permeability and erosion hazard is slight (U.S. Department of Agriculture, 1972).*

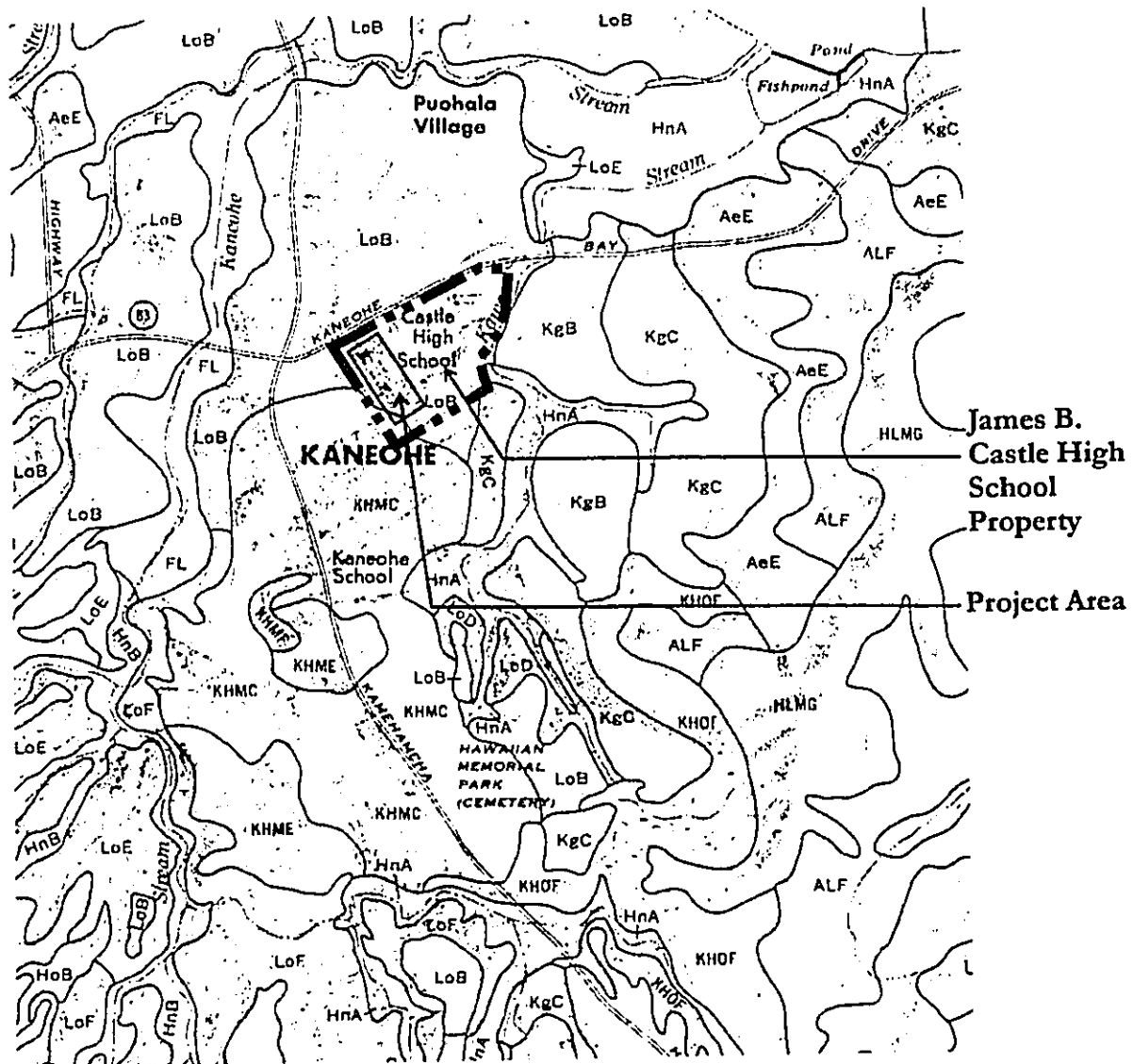
#### **Impacts and Mitigation Measures**

Demolition and grading activities will temporarily disturb existing ground cover and expose soils to erosional forces. Due to the flatness of the construction area and the moderately rapid permeability of the soils, erosion hazard is low.

Surface soil stabilization measures will be employed in all areas affected by clearing and grading. Stabilization will be accomplished by temporarily or permanently protecting the disturbed surface from rainfall impacts and runoff. Disturbed areas that remain unfinished for more than 30 calendar days will be hydro-mulched or seeded. When construction is complete, exposed areas will be seeded to provide permanent soil stabilization.

### 3.4 DRAINAGE

The drainage inlet serving the main bleachers is located behind (east of) the existing steel structure. Drainage from the remainder of the football field, track and parking lots is via sheet-flow. Erosion controls and discharge pollution prevention measures will be installed as required by site conditions, construction activities, and project scheduling. Mitigation measures will conform to State of Hawai'i, Department of Health (DOH) regulations pursuant to Hawai'i Administrative Rules, Title 11, Chapter 55, Water Pollution Control.



**Predominant Soil Type in Project Area: Lolekaa Silty Clay, 3 to 8 percent slope**  
*The Lolekaa series consists of well-drained soils on fans and terraces on the windward side of the Island of Oahu. These soils developed in old, gravelly colluvium and alluvium. The predominant soil type is Lolekaa silty clay, with 3 to 8 percent slopes (LoB). This soil has moderately rapid permeability and erosion hazard is slight (U.S. Department of Agriculture, 1972).*

**FIGURE 8**  
**SOILS MAP**  
**Castle High School Bleachers and Storage**  
**Kaneohe, Oahu, Hawaii**



*No Scale*

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### **Impacts and Mitigation Measures**

Runoff from non-permeable main bleacher surfaces will be directed to the existing drainage inlet. The project specifications will require the Contractor to take appropriate measures during construction to prevent fuel, oil and cement discharges. Drainage from the remainder of the project area will continue to sheet flow. Temporary event parking on the baseball field may be subject to muddy conditions but will not affect drainage.

Best Management Practices used at the project site will include mitigation measures to prevent runoff and discharge pollution from construction activities. Mitigation measures shall include, but not be limited to the following:

- Clearing and excavation shall be held to the minimum necessary to meet project design requirements.
- Construction shall be phased to minimize the exposure time of cleared or excavated areas. Existing ground cover shall not be destroyed, removed or disturbed more than 20 calendar days prior to the start of construction.
- Stabilization shall be accomplished by temporarily or permanently protecting disturbed surfaces from rainfall impacts and runoff.
- Storm water flowing toward active project areas shall be diverted as much as practicable using appropriate controls, including berms and silt fences, as determined by the contractor according to site conditions.
- Discharge controls shall be shaped to trap sediment before it leaves the active work areas, and shall be sized to accommodate the volume of runoff generated by a one-inch storm.
- Disturbed areas that remain unfinished for more than 30 calendar days shall be hydro-mulched or seeded to provide temporary soil stabilization.
- Potential stockpile sites will be identified in the construction plans. The project Contractor will select the actual locations for stockpiling construction material based on professional discretion and site conditions.
- Fueling of construction equipment shall be performed off-site or within an area designated by the Contractor. Any site designated for refueling shall be constructed

to contain spills and seepage and prevent storm water runoff from carrying pollutants into the county drainage system and state coastal waters.

- If a severe storm event occurs, construction activities shall stop, equipment and materials will be stored, relocated, or otherwise secured against storm impacts.

The contractor, based on professional experience and expertise, may modify the proposed BMP mitigation measures as necessary to account for unanticipated or changed site conditions.

### **3.5 FLOOD ZONE**

Flood risk is low on the project site. The Flood Insurance Rate Map, Panel No. 15003C0270, indicates the project is in Zone X, an area which is “outside the 1-percent annual chance flood plain [and covers] areas of 1-percent annual chance sheet flow flooding” (FEMA, 2000). See FIGURE 9, Flood Zone Map.

#### **Impacts and Mitigation Measures**

No impacts to flood-prone areas are expected and no mitigation measures are required.

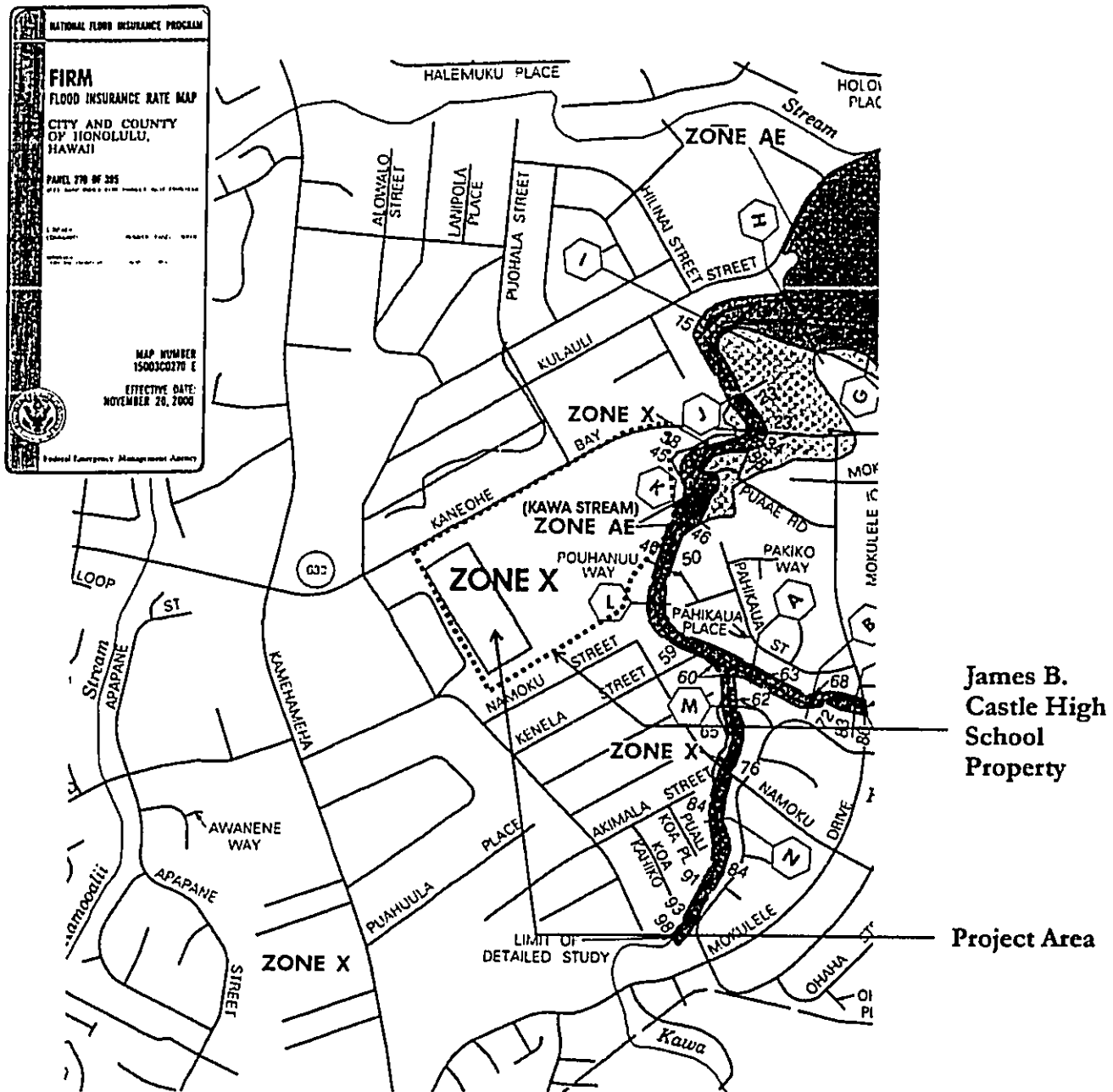
### **3.6 SURFACE WATER**

The only surface water near the project area is Kawa Stream, a channelized perennial stream which is parallel to the eastern boundary of the high school property (State of Hawai‘i, 1990). Kawa Stream is located approximately 1,400 feet from the nearest boundary of the project area. See FIGURE 10, Kawa Stream.

#### **Impacts and Mitigation Measures**

Since the proposed project area is neither located near Kawa Stream nor in a flood zone, no adverse impact to surface water is expected and no mitigation measures are required.





**Zone X (Project Area)**

Zone X is the flood insurance rate zone that corresponds to areas outside the 1-percent annual chance floodplain, areas of 1-percent annual chance sheet flow flooding where average depths are less than 1 foot, areas of 1-percent annual chance stream flooding where the contributing drainage area is less than 1 square mile, or areas protected from the 1-percent annual chance flood by levees. No Base Flood Elevations or depths are shown within this zone. Insurance purchase is not required in these zones (FEMA, 2003)

**Zone AE (Kawa Stream)**

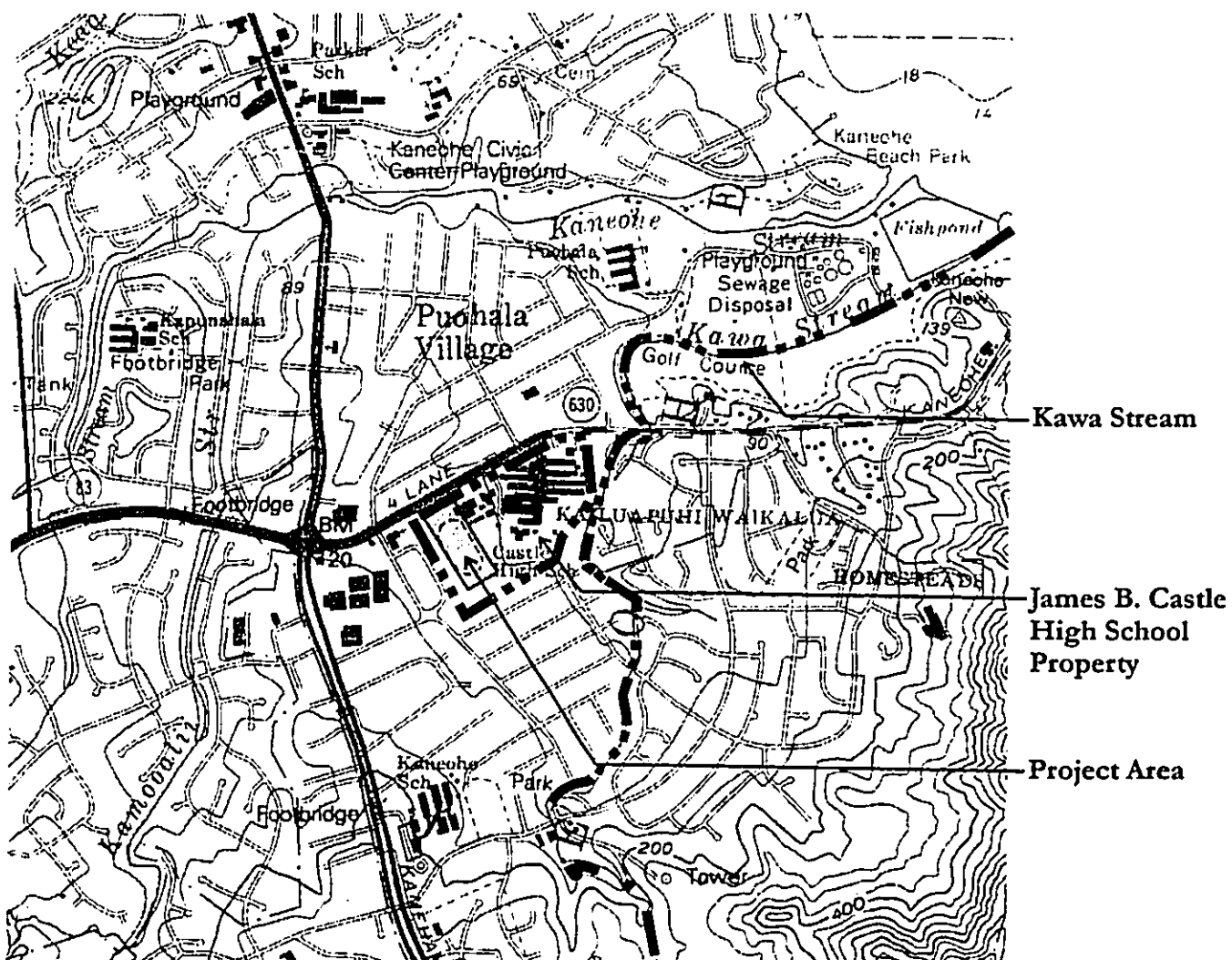
Zone AE is the flood insurance rate zone that corresponds to the 1-percent annual chance floodplains that are determined in the Flood Insurance Study by detailed methods of analysis. In most instances, Base Flood Elevations derived from the detailed hydraulic analyses are shown at selected intervals within this zone. Mandatory flood insurance purchase requirements apply (FEMA, 2003).

**FIGURE 9  
FLOOD ZONE MAP  
Castle High School Bleachers and Storage  
Kaneohe, Oahu, Hawaii**



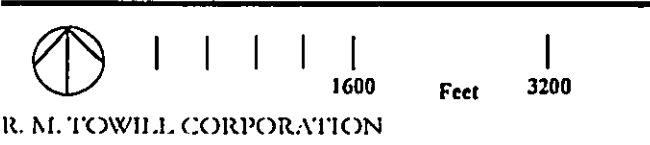
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Source: USGS Topographic Map, Kaneohe, Hawaii (scale adjusted)

FIGURE 10  
KAWA STREAM  
Castle High School Bleachers and Storage  
Kaneohe, Oahu, Hawaii



### **3.7 AIR QUALITY**

Air quality in the Kāne'ohe area is generally excellent. The Department of Health Air Quality Monitoring Station for O'ahu's Windward area, located in Waimanalo, has been measuring particulates in the air since 1989. Monitoring results indicate that State and Federal air quality standards are consistently met (Department of Health, 2001).

#### **Impacts and Mitigation Measures**

During construction, the air quality at JBCHS and adjacent dwellings is not expected to be affected by exhaust fumes from construction equipment due to the distance from the work area to the residences on Namoku and Meakaua Streets. Construction-related exhaust emissions will be mitigated by ensuring that the Contractor maintains internal combustion engines in proper working order and immediately repairs or replaces faulty equipment.

The Contractor, at his own expense, will keep the project area and surrounding area free from dust nuisance. The work will be in conformance with the air pollution control standards contained in Hawai'i Administrative Rules, Title 11, Chapters 59, "Ambient Air Quality Standards," and Chapter 60, "Air Pollution Control."

### **3.8 NOISE EMISSION**

Outdoor events at JBCHS are held within a predominantly residential neighborhood. As a result, the school has occasionally received complaints from neighbors regarding noise from outdoor events (Personal communication, JBCHS Athletic Director, January 2004). However, such large-scale outdoor events are sporadic and only last several hours.

#### **Impacts and Mitigation Measures**

An increase in noise levels is unavoidable during construction. Noise from construction equipment may be a nuisance to students and faculty and to property owners in the neighborhood. However, unnecessary noise will be reduced through the use of mufflers on construction equipment and/or trucks, and through the adequate and proper maintenance of construction equipment and vehicles. Nearby residences, businesses at Windward Shopping Center and the Kāne'ohe Community and Senior Center will be given ample notice of

construction activities and the anticipated elevation in noise levels.

All construction activities will be coordinated with the Department of Health to minimize noise generation and shall comply with the provisions of Title 11, Chapter 42 "Vehicular Noise Control," and Chapter 46, "Community Noise Control" of the Hawai'i Administrative Rules (HAR). Pursuant to HAR Title 11, Chapter 46, the Contractor will be required to obtain a Noise Permit for construction activities during regular daylight working hours. Should any after-hours work be required, the Contractor will be required to obtain a Community Noise Variance from the Department of Health.

### **3.9 FLORA / FAUNA**

The U.S. Fish and Wildlife Service (USFWS) has jurisdiction over certain Federally-listed threatened and endangered species. JBCHS is not within identified critical habitat areas on O'ahu as established by the USFWS for threatened and endangered plants and the endangered bird elepaio (*Chasiempis sandwichensis ibidis*) (U.S. Fish & Wildlife Service, 2001 and 2002).

#### **Impacts and Mitigation Measures**

No significant impacts to T&E species are anticipated as a result of the proposed project. No mitigation measures are required.

### **3.10 HISTORIC, ARCHAEOLOGICAL AND CULTURAL CHARACTERISTICS**

The subject property has been graded and disturbed and is surrounded by urban uses. There are no traditional cultural practices known in or near the project area.

#### **Impacts and Mitigation Measures**

No impacts to archaeological, historic or cultural resources or practices are expected to result from construction of the bleachers and storage area. In the highly unlikely event that archaeological remnants are unearthed, work will be halted and the State Historic Preservation Division will be notified to assess impacts and implement mitigative measures deemed necessary. No cultural impacts are expected, and therefore no mitigation measures are proposed.

### 3.11 SCENIC RESOURCES

No scenic vistas or view planes are identified in the project area. However, the high school campus and existing bleachers are visible from the backyards of single family residences on Meakaua Street. However, rather than wanting a visual buffer from the bleachers, Meakaua Street residents have expressed the preference to maintain site lines from their backyards into the JBCHS football field and existing bleachers.

#### **Impacts and Mitigation Measures**

The concrete structure of the new main bleachers will not be higher than the 25-foot residential height restriction. A metal railing will extend slightly above that level. The new main bleachers will not be substantially different in mass from the current structure. The bleachers in the end zones will not obstruct residential views. No mitigation measures are necessary.

### 3.12 RECREATIONAL ACTIVITIES

The nearest neighborhood park is approximately 1,800 feet (0.3 mile) from the nearest boundary of the high school. The Kāne'ohe Community and Senior Center has its own parking facilities. No other community recreational facilities are within the project vicinity.

#### **Impacts and Mitigation Measures**

No impacts to community recreational activities are expected and no mitigation measures are necessary.

**CHAPTER 4**  
**SOCIO-ECONOMIC CONDITIONS:**  
**IMPACTS AND MITIGATION MEASURES**

**4.1 REGIONAL OVERVIEW**

The City and County of Honolulu General Plan (1989) designates the central portion of the Koolaupoko Sustainable Communities Plan Area as “an urban fringe area to remain a predominantly residential suburb with limited future population growth” (City and County of Honolulu, 2000). In the decade 1990-2000, population of the Koolaupoko district remained essentially unchanged at approximately 218,000, compared with a 5% population increase for the island of O’ahu (DBEDT, 2001).

The Kāne’ohe area is a Honolulu suburb by subdivisions of middle-class, low-rise, low-density, single-family residential development, with supporting commercial facilities and two regional shopping centers, Windward City Shopping Center and Windward Mall. Additional communities served by JBCHS – Heeia, Kahaluu, Waiahole and Waikane – are shoreline settlements that are more rural than suburban in character.

**4.2 DEMOGRAPHICS, POPULATION AND ECONOMIC CHARACTERISTICS**

Kāne’ohe is one of the most populous communities on Windward O’ahu. In the 2000 census, the resident population was characterized as shown in TABLE 4, Demographic Characteristics of Communities Served by JBCHS. The data indicate that almost 80 percent of the student body is drawn from Kāne’ohe, with the remaining 20% distributed among the smaller communities.

**Table 4**  
**Demographic Characteristics of Communities Served by JBCHS**  
**2000 Census**

Community Served by James B. Castle High School	Resident Population	Median Household Income	Percent with High School Education or Higher	Mean House Value
Kāne'ohe	34,970	\$66,006	89.7%	\$298,700
He'eia	4,944	\$87,528	94.7%	\$348,200
Kahalu'u	2,935	\$61,098	86.3%	\$348,800
Waiāhole	<1,000	Not compiled	Not compiled	Not compiled
Waikāne	<1,000	Not compiled	Not compiled	Not compiled

The Ko'olaupoko Sustainable Communities Plan (2000) indicates that most of the Windward area public schools, including JBCHS, were operating under capacity in 1999, indicating a lack of overcrowding across all academic levels (City and County of Honolulu, 2000). Adequate parking for outdoor school events has been provided for in the project design (see TABLE 3, Parking Tabulation).

**Impacts and Mitigation Measures**

Construction of the bleachers and storage area will not affect community or school demographics. As outdoor school events are only several hours in duration, the project will only temporarily affect the number of people who are on campus at a given time. The provision of 160 surplus spaces event parking on the play courts and baseball field will minimize the disruption of parking on residential streets.

## CHAPTER 5

### PUBLIC SERVICES - IMPACTS AND MITIGATION MEASURES

#### 5.1 TRAFFIC AND ROADWAYS<sup>4</sup>

Castle High School is located east of Kamehameha Highway along Kāne'ohē Bay Drive, an arterial roadway under the jurisdiction of the State Highways Division. Vehicular accesses to two parking lots on the campus are from Kāne'ohē Bay Drive. The campus is also accessed via a driveway from Namoku Street, a local residential street located south of the campus.

Castle High School's frontage along Kāne'ohē Bay Drive extends from approximately 0.1 mile east of Aumoku Street to the vicinity of Kawa Stream. Aumoku Street intersects Kāne'ohē Bay Drive at a signalized intersection approximately 0.2 mile east of the major intersection with Kamehameha Highway and Likelike Highway. Between Kamehameha Highway and Puohala Street, Kāne'ohē Bay Drive is a four-lane divided highway. A single driveway to the center of the campus serving the music building, play courts area, cafeteria, and shops is located in this segment of Kāne'ohē Bay Drive. This driveway provides access to 56 existing marked parking stalls; another 132 cars can be parked on the play courts during major events. A median opening is provided for left turns from and onto the highway and an additional lane is provided near this driveway for passenger loading and unloading.

East of the signalized Puohala Street intersection, Kāne'ohē Bay Drive is a two-lane roadway. Two one-way driveways (one in-only, the other out-only) to the school are located in this segment. These driveways provide access to the auditorium and 107 existing parking stalls. On-campus drop-off and pick-up activity occurs within the parking lot served by these driveways. This segment of Kāne'ohē Bay Drive is currently being improved with construction expected to be completed by early-2005; a second eastbound lane and a separate lane for westbound left turns into the school parking lot will be constructed.

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<sup>4</sup>Section 5.1, Traffic and Roadways, is based in its entirety on a Traffic Analysis Report by Julian Ng, P.E., Inc., Traffic Engineer, January 2004.



Access to the campus and additional parking (143 marked stalls) are also available from Namoku Street, a two-lane local street. To the west, this residential street intersects with Koa Kahiko Street, which connects to Aumoku Street and Kāne'ohē Bay Drive; Koa Kahiko Street also continues to connect to Kamehameha Highway. In the easterly direction, Namoku Street turns south and continues as a collector street through a large residential subdivision.

Kāne'ohē Bay Drive and Kamehameha Highway are major roadways in the area. The State Highways Division conducts traffic counts annually at the intersection of Kamehameha Highway, Kāne'ohē Bay Drive, and Likelike Highway. The Highways Division also estimates average daily traffic and typical weekday peak hour volumes on Kāne'ohē Bay Drive and Kamehameha Highway. The historic record of average daily traffic estimates for the most recent years is shown in TABLE 5, Historic Daily Traffic Volumes Near Castle High School.

**Table 5**  
**Historic Daily Traffic Volumes Near Castle High School**

	Kāne'ohē Bay Drive, East of Kamehameha Highway	Kamehameha Highway, South of Kāne'ohē Bay Drive
Average Daily Traffic - 1998	26,237	31,638
Average Daily Traffic - 1999	23,868	31,376
Average Daily Traffic - 2000	25,824	34,157
Average Daily Traffic - 2001	26,102	31,659
Average Daily Traffic - 2002	22,786	30,339

*Source: State of Hawai'i Department of Transportation, Highways Division.  
Traffic Summary - Island of O'ahu 2002.*

Counts taken on two weekdays in September, 2002, at the approaches to the intersection of Kamehameha Highway, Likelike Highway, and Kāne'ohē Bay Drive, were averaged and are summarized for various time periods in TABLE 6, Existing Traffic. Traffic volumes in both directions on Kāne'ohē Bay Drive are also shown in the table.

**Table 6**  
**Existing Traffic:**  
**Intersection of Kamehameha Highway, Likelike Highway, Kāne'ohē Bay Drive, Intersection approaches, Kāne'ohē Bay Drive**

	Total	Intersection Approaches				Kaneohe Bay Drive	
		EB*	SB*	NB*	WB*	Eastbound	Total
24-hour Total	56,307	14,166	17,480	15,165	9,497	12,479	21,976
7:00 AM - 08:00 AM	4,166	1,089	1,240	1,083	754	1,076	1,829
0415 PM - 0515 PM	4,141	1,214	1,116	1,207	604	997	1,601
06:00 PM - 07:00 PM	3,504	899	956	1,066	584	847	1,430
08:00 PM - 09:00 PM	2,074	540	577	547	411	509	919
09:00 PM - 10:00 PM	1,724	420	572	395	337	392	729

- \*EB = Likelike Highway eastbound (toward Kāne'ohē Marine Base)
- \*SB = Kamehameha Highway southbound (toward Pali Highway)
- \*NB = Kamehameha Highway northbound (toward Kāne'ohē)
- \*WB = Kāne'ohē Bay Drive westbound (toward Wilson Tunnel)

*Source: State of Hawai'i Department of Transportation, Highways Division. Traffic Survey Data - Island of O'ahu 2002.*

The City and County of Honolulu Department of Transportation Services conducted traffic counts on Puohala Street near Kāne'ohē Bay Drive in 1999 and 2002. Daily two-way volume was nearly 9,000 vehicles per day in 1999 a block-and-a-half from Kāne'ohē Bay Drive and nearly 8,000 vehicles per day in 2002 three blocks from Kāne'ohē Bay Drive. No recent daily traffic counts on Namoku Street or other local streets south of the campus are available.

Traffic volumes directly attributable to the high school or events at the field are not available and no other research was undertaken to determine the actual existing volumes. Estimates of the site traffic generation were made using factors from studies of similar uses (this is the normal method for

estimating traffic generated by a new development).

Traffic estimates for regular school days are based on the enrollment at the school and factors from the Trip Generation report published by the Institute of Transportation Engineers. Traffic estimates for events at the field are based on attendance and average vehicular occupancy (persons per vehicle) deemed appropriate for the events. Castle High School has a current enrollment of 1,900 students, generating approximately 3,400 vehicle trips a day. In addition to activities held during the regular school day (which would not have any significant traffic impact), the field hosts graduation ceremonies once a year in the spring, approximately four interscholastic football games on Friday evenings in the fall, and various other events (e.g. soccer matches) about ten times per year. Traffic estimates are shown in TABLE 7.

**Table 7**  
**Traffic Generated at Castle High School**

Vehicles per Hour	Enter	Exit	Total
High School (1,900 students)			
AM Peak Hour	610	260	870
After school peak hour	180	390	570
PM Peak Hour	110	170	280
Graduation ceremony (5,000 attendees), once a year			
Peak hour before	1,620	180	1,800
Peak hour after	190	1,710	1,900
Major football game (3,000 attendees), once a year			
Peak hour before	970	110	1,080
Peak hour after	110	1,030	1,140
Other football game (2,000 attendees), three times a year			
Peak hour before	650	70	720
Peak hour after	80	680	760
Other event (300 attendees), ten times a year			
Peak hour before	150	20	170
Peak hour after	30	160	190
Peak hour after plus PM Peak Hour	140	330	470

Approximately 5,000 persons attend the graduation ceremony at the field once a year. Other events attended by 2,000 or more persons a year (interscholastic football games) occur about four times a year. For these major events, the temporary use of the play courts near Kāne' ohe Bay Drive and the baseball field near Namoku Street increases parking on-site to accommodate the parking needed for approximately 2,000 attendees. Traffic in the area generated by these events occurs when traffic volumes are less than 80% of peak hour volumes.

Smaller events occur at the field after school and into the evenings. These events occur about ten times per year and attract up to 300 persons. Traffic generated by such events, added to other traffic generated by the high school during the PM Peak Hour, total about 400 vehicle trips (sum of movements in and out), compared to estimates of 870 vehicle trips during the morning peak hour and 570 during the afternoon peak hour of regular school days.

#### **Impacts and Mitigation Measures**

Traffic generated by events at the field exceeds normal traffic generated by the high school during the morning peak hour only two times a year. Traffic generated by events at the field would be about the same as normal traffic generated by the high school three times a year. Traffic due to other events at the field, even when combined with other traffic generated by the school, is less than traffic generated in the peak hour after a normal school day.

The proposed project, which will increase the seating available for events at the field, is not expected to have a significant impact to traffic conditions. The timing of, and the frequency of, events at the field will not change because of the proposed improvements.

The project will not alter vehicular patterns to and from the campus and the small increase in parking (6 stalls) accessed from the main driveway near the music building will not have a significant impact to traffic conditions on Kāne' ohe Bay Drive. Improvements to the baseball field will reduce the number of cars that can be parked on the baseball field during major events by 56, which will probably result in more cars parking on nearby streets. On-campus parking, however, should be adequate for all but five events (graduation ceremonies and interscholastic football games) per year.

## **5.2 WASTEWATER**

Wastewater treatment for JBCHS [Castle HS] is provided by the City and County of Honolulu Wastewater and is conveyed to the Kāne'ohe Wastewater Pretreatment and Pumping Facility. The wastewater is then pumped to the Kailua WWTP for treatment and ultimate disposal through the Mokapu Ocean Outfall. The extra seating for athletic events will generate an accompanying increase in wastewater from use of toilet facilities. The project design assumes this can be accommodated with the existing restroom capacity.

### **Impacts and Mitigation Measures**

Wastewater capacity is adequate in the project area. Use of existing wastewater facilities will conform with Hawai'i Administrative Rules, Chapter 11-62, "Wastewater Systems." No mitigation measures are needed.

## **5.3 POTABLE WATER**

The Honolulu Board of Water Supply provides potable water to JBCHS.

### **Impacts and Mitigation Measures**

The use of potable water by spectators will not significantly impact water supplies. No mitigation measures are required.

## **5.4 SOLID WASTE**

Solid waste disposal from the high school facility is provided by a private hauler. Solid waste is transferred to the Kapa'a Transfer Station and then to either a recycling center, incinerator (H-Power) or the Waimanalo Gulch Sanitary Landfill in Waianae, O'ahu.

### **Impacts and Mitigation Measures**

Spectators are likely to generate trash from purchased snacks, but the short-term rise in volume is not expected to be significant. The JBCHS administration will make arrangements for any additional solid waste receptacles or hauling necessary for outdoor school events. No further mitigation is needed.

## **5.5 POLICE AND EMERGENCY SERVICES**

Kāne'ohe Police Station serves JBCHS with police and emergency services.

### **Impacts and Mitigation Measures**

There will be no significant impact on police or emergency services as a result of the proposed action. Police traffic control may be requested for selected athletic events to control ingress and egress into the school property. However, this service is generally provided by off-duty police officers. Parking attendants are generally students who volunteer to manage unmarked temporary parking in the concrete play courts along Kāne'ohe Bay Drive and, when needed, on the baseball field. The JBCHS staff will notify the Honolulu Police Department of large events that may require additional traffic controls. No further mitigation measures are needed.

## **5.6 FIRE PROTECTION SERVICES**

The property is under the jurisdiction of the City and County of Honolulu Fire Department located in Kāne'ohe.

### **Impacts and Mitigation Measures**

The construction of the concrete bleachers and storage area will not affect fire control resources on the island of O'ahu. No mitigation measures are required.

## **5.7 ELECTRICAL AND COMMUNICATION FACILITIES**

Electrical power for JBCHS is provided by Hawaiian Electric Company, Inc., for new facilities, e.g. storage. Telephone service is provided by Verizon Hawai'i and cable service by Oceanic Cable. Existing electrical (night and field lights), telephone and cable connections are located within the school's property boundary.

### **Impacts and Mitigation Measures**

The project will require electricity for the new facilities proposed, and facilities for telephone and cable improvements for a future scoreboard. No adverse impacts to electrical facilities are expected from the relocation of several night lighting standards. If telephone facilities are modified, facilities will be integrated into the telephone system serving the remainder of

JBCHS.

The Contractor will be required to coordinate all work with the high school administration to prevent interference with school operations. Should accidental disruptions to existing utilities occur during construction, the appropriate utilities will be notified so that service can be restored promptly.

**CHAPTER 6**  
**RELATIONSHIP TO LAND USE POLICIES**  
**AND CONTROLS OF THE AFFECTED AREA**

**6.1 OVERVIEW**

State and County policy, land use plans and controls are established to guide development in a manner that enhances the overall living environment of Hawai'i and ensures that long-term social, economic, environmental, and land use needs of the State are met. Construction of the proposed project is in accordance with Federal, State and County land use plans and policies, as discussed below.

**6.2 FEDERAL LAND USE PLANS AND POLICIES**

**6.2.1 CLEAN WATER ACT (NPDES, Section 402)**

Discharges of point sources of pollutants into surface waters of the U.S. are regulated under the National Pollutant Discharge Elimination System (NPDES) program, pursuant to the Clean Water Act, Section 402. In Hawai'i, the Department of Health administers the NPDES program under HAR 11-55.

A NPDES construction storm water permit will not be required for the proposed action, as the construction area will be less than one acre (0.7 acre).

**6.2.2 ENDANGERED SPECIES ACT AND MARINE MAMMAL PROTECTION ACT**

The Endangered Species Act of 1973 and the Marine Mammal Protection Act of 1972 require that actions will not jeopardize the continued existence of endangered or threatened plant and animal species. The U.S. Fish and Wildlife Service (USFWS) has jurisdiction over certain Federally-listed threatened and endangered (T&E) species.

It is not anticipated that there will be any significant impacts to T&E species as a result of the proposed project. JBCHS is not within identified critical habitat areas on O'ahu as established by the USFWS for threatened and endangered plants and the endangered bird elepaio (*Chasiempsis sandwichensis ibidis*).



### **6.2.3 COASTAL ZONE MANAGEMENT ACT OF 1972 (P.L. 104-150)**

The purpose of the Coastal Zone Management Act of 1972, as amended through P.L. 104-150, The Coastal Zone Protection Act of 1996, is to “preserve, protect, develop, and where possible, restore or enhance, the resources of the Nation’s coastal zone for this and succeeding generations” (National Oceanic and Atmospheric Administration, 2002).

## **6.3 STATE OF HAWAI‘I PLANS AND POLICIES**

### **6.3.1 HAWAI‘I STATE PLAN (Hawai‘i Revised Statutes, Chapter 226)**

The Hawai‘i State Plan serves as a guide for the future growth of the State of Hawai‘i. The Plan, adopted in 1978, consists of three parts:

- An overall theme with broad goals, objectives and policies;
- A system designed to coordinate public planning to implement the goals, objectives and policies of the State Plan; and
- Priority guidelines which are statements of Statewide interrelated problems deserving immediate action.

With regard to public school education, Section 226-21 contains an objective to provide “a variety of educational opportunities to enable individuals to fulfill their needs, responsibilities, and aspirations.” Supporting State policies relevant to this project include:

**Section 226-21 (1)** “Support educational programs and activities that enhance personal development, physical fitness, recreation, and cultural pursuits of all groups.”

**Section 226-21 (2)** “Ensure the provision of adequate and accessible educational services and facilities that are designed to meet individual and community needs.”

### **6.3.2 STATE LAND USE LAW (Hawai‘i Revised Statutes, Chapter 205)**

The State of Hawai‘i classifies all land into four districts: Urban, Conservation, Agricultural, and Rural. The JBCHS property is designated in the Urban District. Land uses surrounding the high school are also urban in character, including single-family residential and neighborhood commercial. See FIGURE 11, State Land Use and Zoning.

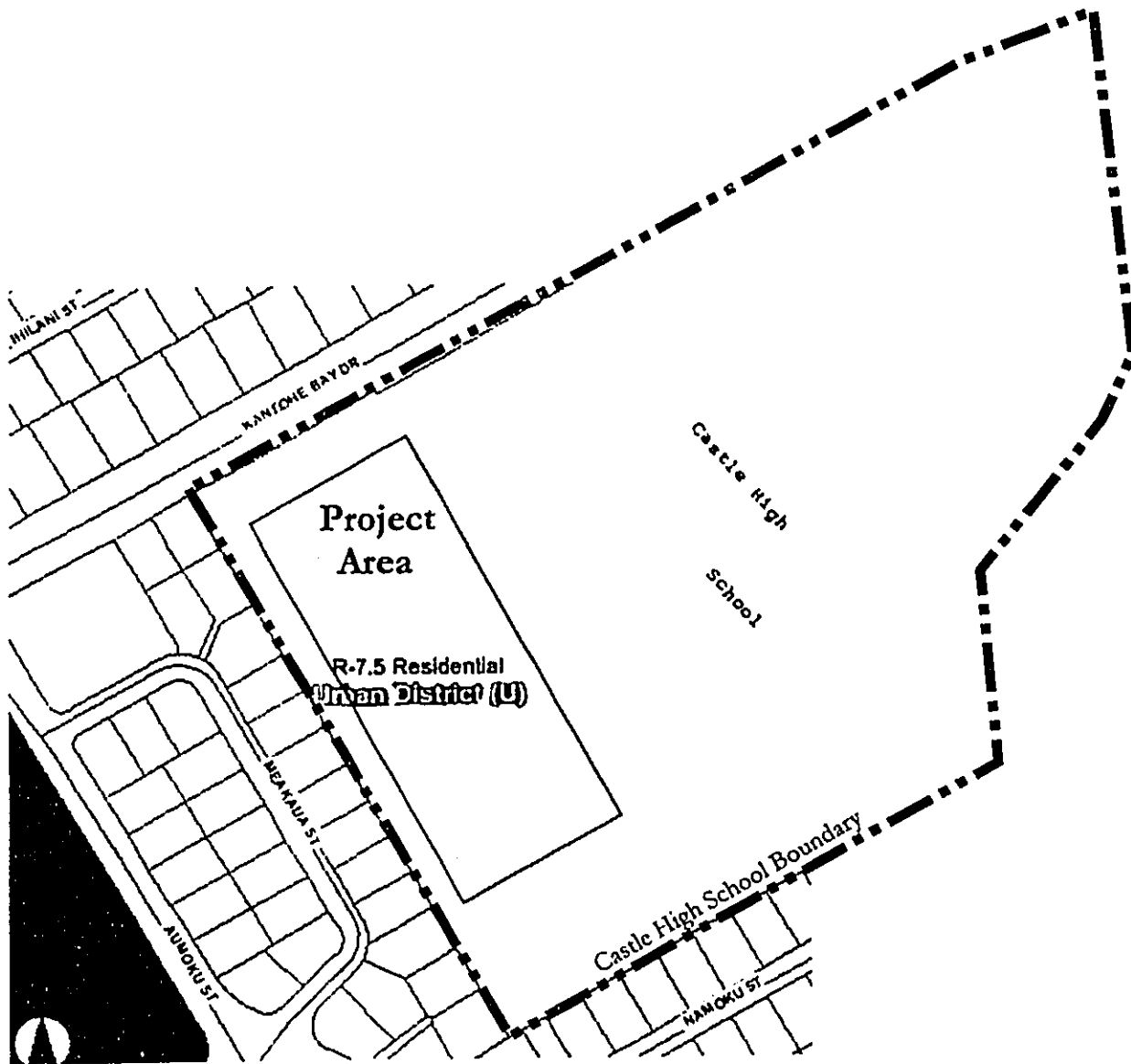
### **6.3.3 COASTAL ZONE MANAGEMENT PROGRAM (Hawai'i Revised Statutes, Chapter 205A)**

The Coastal Zone Management Act of 1972 (P.L. 92-583) is administered in Hawai'i by the Office of Planning of the Department of Business, Economic Development, and Tourism. The objectives and policies of the Hawai'i Coastal Zone Management (CZM), as set forth in Hawai'i Revised Statutes, Chapter 205A, are to "provide recreational resources; protect historic, scenic, and coastal ecosystem resources; provide economic uses; reduce coastal hazards; and manage development in the coastal zone" (HRS, Chapter 205A).

Chapter 205A outlines controls and policies for development within an area along the shoreline referred to as the Special Management Area (SMA). SMA policies relating to the proposed action are administered by the City and County of Honolulu. Environmental concerns are also addressed through the CZM consistency review process.

### **6.3.4 HISTORIC PRESERVATION**

The Chapter 6E, as amended, and its implementing regulations in Hawai'i Administrative Rules, are intended to provide for the protection and use of historic properties for the benefit of the public. The subject property has been graded and disturbed and is surrounded by urban uses and therefore subsurface historic properties are not anticipated. The State Historic Preservation Division will render an opinion about the effect of the project on archaeological, historic and cultural resources in accordance with Chapter 6E, Hawai'i Revised Statutes. A determination of "no effect" is anticipated.



Source: City and County of Honolulu, Dept. Of Planning and Permitting, HOLIS GIS System

Legend:  
 State Land Use Designation: Urban District (U)  
 County Zoning: Single Family Residential (R-7.5)

FIGURE 11  
 STATE LAND USE AND ZONING  
 Castle High School Bleachers and Storage  
 Kaneohe, Oahu, Hawaii



*No Scale*

R. M. TOWILL CORPORATION

## **6.4 CITY AND COUNTY OF HONOLULU PLANS AND POLICIES**

### **6.4.1 CITY AND COUNTY OF HONOLULU GENERAL PLAN (1989)**

The General Plan is the policy document for the long-range, comprehensive development of O'ahu. The project is consistent with Part IX., Health and Education, Objective B, "to provide a wide range of educational opportunities for the people of O'ahu," and its Policy 1, "Support education programs that encourage the development of employable skills" (City and County of Honolulu, 1989).

### **6.4.2 KOOLAUPOKO SUSTAINABLE COMMUNITIES PLAN (2000)**

The Koolauoko Sustainable Communities Plan (KSCP) is "a plan for sustaining quality of life through community involvement by balancing and integrating environmental, economic, social and cultural objectives"(City and County of Honolulu, 2000). Improvements at JBCHS are consistent with the goals and objectives of the KSCP.

### **6.4.3 COUNTY ZONING**

The City and County of Honolulu zoning designation for the high school property is R-7.5, as is the surrounding residential area (FIGURE 12 Vicinity Plan and Zoning). Schools are a permitted as a "conditional use" in the R-7.5 zoning district (City and County of Honolulu, 1999). All construction will conform to City and County regulations for the R-7.5 district, including setback requirements and height restrictions. Consultation with the Department of Planning and Permitting will document that the project is not within the Special Management Area or Shoreline Setback Area, and is therefore not required to obtain the associated permits.

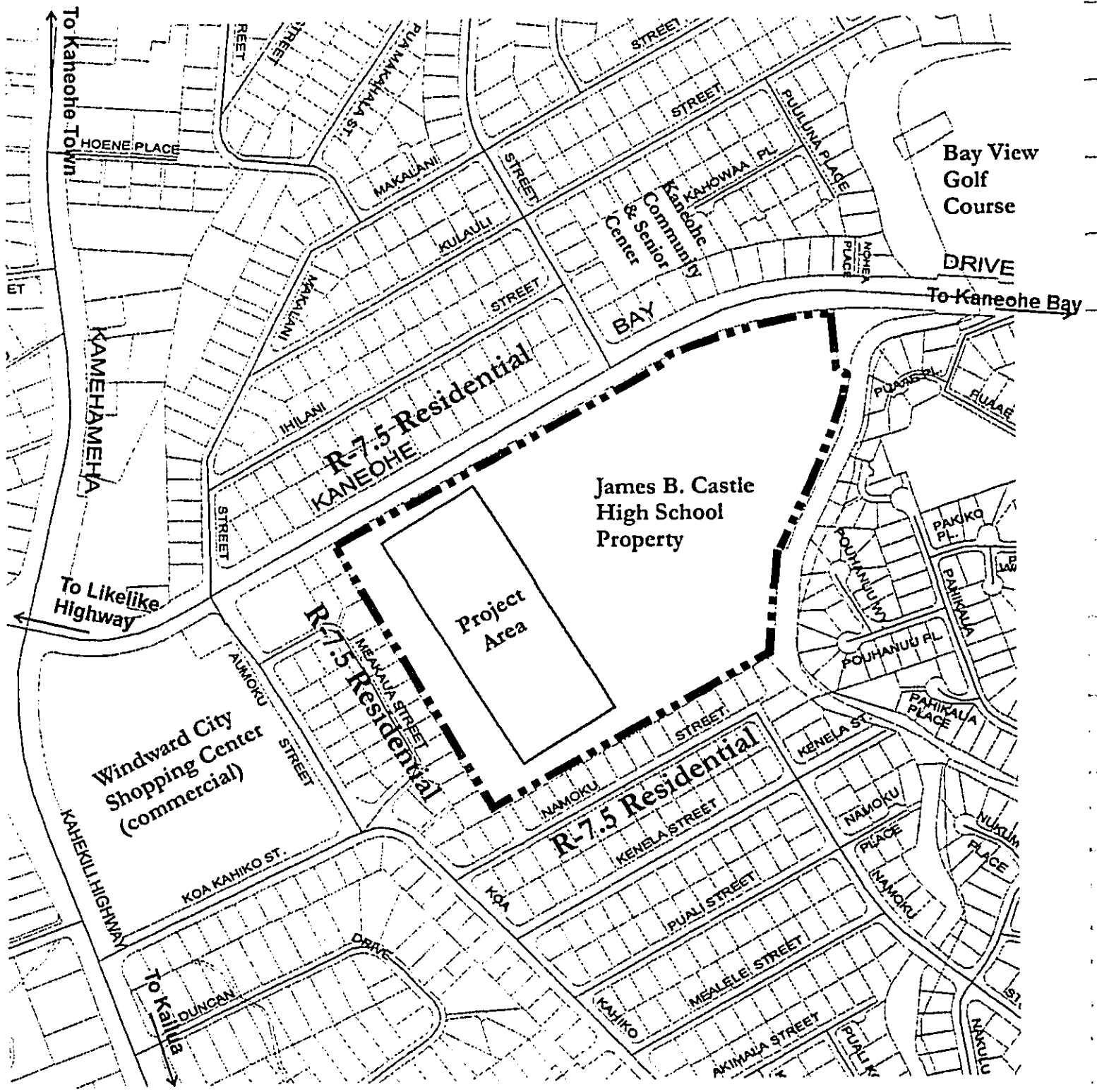


FIGURE 12  
 PROJECT VICINITY ZONING  
 Castle High School Bleachers and Storage  
 Kane'ohe, O'ahu, Hawai'i



**CHAPTER 7**  
**NECESSARY PERMITS AND APPROVALS**

The proposed project will require the following permits and approvals:

Federal

None

State

- State Department of Health, Noise, Radiation and Indoor Air Quality Branch: *Construction Noise Permit.*
- Department of Land and Natural Resources, Historic Preservation Division: *Review for historic and/or archaeological resources.*
- Department of Health, Disability and Communications Access Board

City and County of Honolulu

- Grubbing, Grading and Stockpiling Permit
- Building Permit for Building, Electrical, Plumbing, Walkway and Demolition Work
- Street Usage Permit

**CHAPTER 8**  
**AGENCIES AND ORGANIZATIONS CONSULTED**

**State of Hawai'i**

- Department of Education
- Department of Business, Economic Development, and Tourism, Office of Planning
- Department of Health
  - (1) Environmental Planning Office
  - (2) Clean Water Branch
  - (3) Disability and Communications Access Board
- Department of Land and Natural Resources
  - (1) Historic Preservation Division
  - (2) Land Division
- Department of Transportation, Highways Division

**City and County of Honolulu**

- Department of Planning and Permitting
- Department of Design and Construction
- Department of Environmental Management
- Department of Transportation Services
- Fire Department
- Police Department
- Honolulu Board of Water Supply
- Kāne'ohe Neighborhood Board

**Private**

- Hawaiian Electric Company, Inc.
- Verizon Hawai'i
- Oceanic Cable
- Adjacent Residents

## CHAPTER 9

### DETERMINATION OF SIGNIFICANCE

Based on significance criteria set forth in Hawai'i Administrative Rules, Title 11, Department of Health, Chapter 200, "Environmental Impact Statement Rules," the proposed project is not expected to have a significant impact on the environment. Therefore, the recommended preliminary determination for the proposed project is a Finding of No Significant Impact (FONSI). The findings and reasons supporting this determination are discussed below.

1. *The proposed action does not involve an irrevocable commitment or loss of or destruction of unique natural or cultural resources.*

The proposed project should have no adverse impacts on unique natural or cultural resources because the project area has been previously disturbed for the construction of existing outdoor athletic facilities at JBCHS. Should evidence of historic sites be encountered during construction, all activities in the area of the find shall cease, and the State Historic Preservation Division shall be notified immediately.

2. *The proposed action does not curtail the range of beneficial uses of the environment.*

The proposed project is consistent with the State and County land use designations of the surrounding area (urban) and the proposed use, a public high school. Traffic disruptions during construction are not expected to curtail the full educational, residential and commercial uses in the vicinity. Since the construction area is entirely within designated athletic facilities, no future loss of functionality for the high school will occur. Rather, operations will be enhanced by the proposed improvements. During construction, football, soccer and track practices, physical education classes and other miscellaneous events may need to be temporarily transferred to other campuses or facilities. Actual use will be determined on a case-by-case basis and on the construction schedule.



3. *The proposed action is in concert with the State's long term environmental policies, goals and guidelines as expressed in Chapter 343, Hawai'i Revised Statutes, and any revisions and amendments thereto, court decisions and executive orders.*

The proposed project is consistent with all applicable policies, goals and guidelines in the State's Land Use Plan. The proposed project does not conflict with the State's long term environmental policies or goals and guidelines as expressed in Chapter 343, Hawai'i Revised Statutes.

4. *The proposed action does not substantially affect the economic or social welfare of the community or State.*

Construction of the proposed bleachers and storage area is a project of limited scope (facility replacement), duration (12 months) and cost (\$1.6 million). Thus, no substantial adverse impacts to the economic or social welfare of the community or State are expected. Social welfare will be improved by accommodating both increased spectators and providing ADA-compliant bleachers and access.

During construction, access to Windward City Shopping Center, Kāne'ohe Bay Drive and JBCHS Parking Lot #07 may be temporarily disrupted. The transportation of construction equipment, materials and wastes to and from the project site may also cause temporary inconveniences to residents or businesses in the area. The implementation of an approved traffic control plan, together with responsive communication between the affected neighborhood and the Contractor, will help to ensure the most efficient movement of traffic through the project area.

Positive economic impacts resulting from the proposed project include the short term production of construction related jobs and the benefit to local material suppliers and dining establishments from the increase in the amount of construction workers in the area. In the long term, the proposed project will create opportunities for the high school to provide better outdoor spectator facilities for its school population and the surrounding community.

5. *The proposed action does not involve substantial secondary impacts, such as population changes or effects on public facilities.*

During construction, limitations will be placed on outdoor events in the football field area of JBCHS. However, the school administration is prepared to schedule such events at other public school facilities until the project is complete (DAGS, 2003). In the long term, the proposed bleachers and storage area at JBCHS will not result in an increase in community or school population, although it will temporarily affect the number of individuals on campus for major events. The improvements will have a positive impact on the school's capacity to serve the student body and members of the school's community. The proposed project is not expected to cause an increase in the island's population or increase available employment at the school.

6. *The proposed action does not substantially affect public health.*

Construction activities will generate short-term impacts with the potential for affecting public health. Such short-term impacts include noise and dust which will be minimized through the implementation of the mitigative measures identified in Chapter 3. These impacts are addressed and regulated through the permit processes established by the appropriate regulatory agencies. In addition, the Contractor will be directed to communicate with the community to mitigate public concerns during construction.

7. *The proposed action does not involve a substantial degradation of environmental quality.*

The proposed project does not involve substantial degradation of environmental quality. Impacts to air and water quality, noise levels, natural resources, and land use associated with the construction are anticipated to be minimal. Mitigation measures will be employed as practicable to further minimize potentially detrimental effects to the environment resulting from project activities. Long-term traffic impacts from attendance at athletic events will be mitigated by a series of traffic calming and parking procedures to be implemented during peak outdoor events.

8. *The proposed action is individually limited and cumulatively does not have a considerable adverse effect upon the environment or involve a commitment for larger actions.*

The proposed bleachers and storage area will neither have a considerable adverse effect on the environment nor involve a commitment to larger actions. The project addresses a pressing capacity need to accommodate spectators for outdoor school events at JBCHS.

9. *The proposed action does not substantially affect rare, threatened or endangered species or habitats.*

No direct adverse impact to wildlife resources is anticipated from the proposed improvements. The urbanized project site lacks rare, threatened, or endangered species.

10. *The proposed action does not detrimentally affect air or water quality or ambient noise levels.*

On a short-term basis, ambient air and noise conditions will be affected by construction of the bleachers and storage area, but these impacts can be controlled by measures described in Chapter 3. Once the project is completed, air and noise conditions in the project vicinity are expected to return to their present levels. The proposed action is not anticipated to impact water quality through discharge of construction stormwater.

11. *The proposed action does not affect an environmentally sensitive area such as a flood plain, tsunami zone, erosion-prone area, geologically hazardous land, estuary or coastal waters.*

The proposed project is not within a flood plain, tsunami zone, erosion-prone area, geologically hazardous land, estuary, or coastal water and therefore will not impact the aforementioned areas.

**12. *The proposed action does not substantially affect scenic vistas and view planes identified in county or state plans or studies.***

No scenic vistas or view planes are identified in the project area. The high school campus and existing bleachers are currently visible from single family residences located on Meakaua Street. The improved main bleachers will not be higher than the residential R-7.5 height restriction and will not be substantially different in mass than the current structure. The bleachers in the end zones will not obstruct residential views.

**13. *The proposed action does not require substantial energy consumption.***

No significant amount of fuel, electrical or labor resources will be expended by the construction of the bleachers and storage area. Therefore, there will be no substantial effect upon current energy consumption.

**FINDINGS**

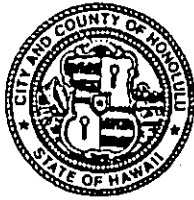
In accordance with the provisions set forth in Chapter 343, Hawai'i Revised Statutes, and the significance criteria in Section 11-200-12 of Title 11, Chapter 200, it is anticipated that the project will have no significant adverse impact to water quality, air quality, existing utilities, noise levels, social welfare, archaeological sites, or wildlife habitat. All anticipated impacts will be temporary and will not adversely impact the environmental quality of the area. It is expected that an Environmental Impact Statement (EIS) will not be required, and that a Finding of No Significant Impact (FONSI) will be issued for this project.

**CHAPTER 10**  
**COMMENTS RECEIVED ON THE DRAFT EA**

POLICE DEPARTMENT  
**CITY AND COUNTY OF HONOLULU**

801 SOUTH BERETANIA STREET  
HONOLULU, HAWAII 96813 - AREA CODE (808) 529-3111  
<http://www.honolulu.org>  
[www.co.honolulu.hi.us](http://www.co.honolulu.hi.us)

JEREMY HARRIS  
MAYOR



LEE D. DONOHUE  
CHIEF

GLEN R. KAJIYAMA  
PAUL D. PUTZULU  
DEPUTY CHIEFS

OUR REFERENCE CS-KP

June 10, 2004

Mr. Lance Maja, Planning Branch  
Public Works Division  
Department of Accounting  
and General Services  
P.O. Box 119  
Honolulu, Hawaii 96810-0119

Dear Mr. Maja:


Thank you for the opportunity to review and comment on the Draft Environmental Assessment for the James B. Castle High School's Bleachers and Storage Facility project.

There may be construction-related dust and noise complaints which may cause an increase in calls for police service to the area.

If there are any questions, please call Captain Michael Correa of District 4 at 247-2166 or Ms. Carol Sodehani of the Support Services Bureau at 529-3658.

Sincerely,

LEE D. DONOHUE  
Chief of Police

By   
KARL GODSEY  
Assistant Chief of Police  
Support Services Bureau

cc: ✓ Mr. Chester Koga  
R.M. Towill Corporation

Ms. Genevieve Salmonson  
OEQC

*Serving and Protecting with Aloha*



HONOLULU POLICE DEPT.  
OFFICE

04 MAY 19 07 35

**STATE OF HAWAII**  
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES  
P.O. BOX 119, HONOLULU, HAWAII 96810

Dear Participant:

Attached for your review is a Draft Environmental Assessment (DEA) that was prepared pursuant to the EIS law (Hawaii Revised Statutes, Chapter 343) and the EIS rules (Administrative Rules, Title 11, Chapter 200) for the following project:

**James B. Castle High School, Bleachers and Storage Facility**  
45-386 Kaneohe Bay Drive  
Kaneohe, Hawaii 96744  
Tax Map Key: 4-5-034:008

A Finding of No Significant Impact (FONSI) determination is anticipated for this project.

Your comments must be received or postmarked by: June 22, 2004

Please send original comments to:

Accepting Authority: Department of Accounting and General Services  
Public Works Division  
P.O. Box 119  
Honolulu, Hawaii 96810-0119  
Contact: Mr. Lance Maja, Planning Branch  
Phone: (808) 586-0483

Please send copies of comments to:

Consultant: R.M. Towill Corporation  
420 Waiakamilo Road, Suite 411  
Honolulu, HI 96817  
Contact: Mr. Chester Koga  
Phone: (808) 842-1133

Office of Environmental Quality Control  
Department of Health  
235 South Beretania Street, Room 702  
Honolulu, Hawaii 96813  
Phone: (808) 586-4185

235-1078

LINDA LINGLE  
GOVERNOR



RUSS K. SAITO  
COMPTROLLER  
KATHERINE H. THOMASON  
DEPUTY COMPTROLLER

**STATE OF HAWAII**  
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES  
P.O. BOX 119, HONOLULU, HAWAII 96810

(P)1256.4

AUG - 2 2004

Acting Chief Glen Kajiyama  
Honolulu Police Department  
801 South Beretania Street  
Honolulu, Hawaii 96813

Dear Acting Chief Kajiyama:

Subject: James B. Castle High School  
Bleachers and Storage Facility  
Draft Environmental Assessment (EA)

Thank you for your letter of June 10, 2004, noting that your Department may receive calls relating to increased dust and noise stemming from construction activities. We have addressed both issues in the EA.

Should complaints arise, please call Mr. Ricky Sasaki of the Project Management Branch at 586-0474.

Sincerely,

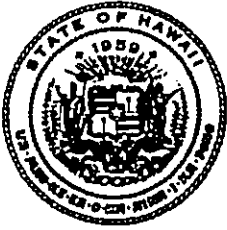
A handwritten signature in cursive script, appearing to read "E. W. Lau".

ERNEST Y. W. LAU  
Public Works Administrator

LM:mo

✓c: Mr. Chester Koga, R. M. Towill Corp.





## DISABILITY AND COMMUNICATION ACCESS BOARD

919 Ala Moana Boulevard, Room 101 • Honolulu, Hawaii 96814  
Ph. (808) 586-8121 (V/TDD) • Fax (808) 586-8129

June 21, 2004

Mr. Lance Maja  
Planning Branch  
Public Works Division  
Department of Accounting and  
General Services  
P.O. Box 119  
Honolulu, HI 96810-0119

**Subject:** James B. Castle High School, Bleachers and Storage Facility  
45-386 Kaneohe Bay Drive  
Kaneohe, Hawaii 96744  
DAGS Job No. 12-16-4257  
TMK (1) 4-5-034:008

Dear Mr. Maja,

Per your phone conversation with my staff this morning, the Draft Environmental Assessment (DEA) for the James B. Castle High School Bleachers and Storage Facility project was submitted to our office for comment on May 19, 2004. The purpose was a request to review the proposed plan to ensure that the project took into account accessibility for persons with disabilities.

We offer the following comment on the Draft Environment Assessment:

“The requirement to ensure this project takes into account accessibility pursuant to HRS §103-50 has been addressed in the following chapters:

Chapter 2: Existing Conditions, Project Description and Alteration to the Proposed Action under Sub Section 2.2 Proposed Action, 2.2.4 ADA Improvements.

Chapter 7: Necessary Permits and Approvals.”

Staff indicated that final construction documents for this project were submitted to our office on April 2, 2004, for review. It received a Document Review Technical Assistance, DCAB 2004-265, on April 8, 2004 addressing accessibility review findings. We have received no response to the review. In addition this project provided additional temporary parking, but did not appear to address additional accessible parking during peak events. Chapter 2 of the DEA shows a temporary parking system but is not clear how accessibility is being addressed. It is also not clear in either set of documents if an assistive listening system is planned or if additional placement of wheelchair locations is provided during high peak use.

Mr. Lance Maja  
Planning Branch  
June 21, 2004  
Subject: James B. Castle High School, Bleachers and Storage Facility

The above reflects staff's technical assistance comments. They do not reflect our Board's approval or disapproval of the DEA. There are no further comments to offer at this time. Thank you for opportunity to provide comments on this project and, we look forward to reviewing this project when it is resubmitted to our office.

Should you have any questions or concerns, please feel free to contact Gary L. Batcheller, Facility Access Specialist, or Curtis Motoyama, Access Coordinator, at (808) 586-8121.

Sincerely,



FRANCINE WAI  
Executive Director

c: ✓ Chester Koga  
R.M. Towill Corporation

Department of Health, Office of  
Environmental Quality Control

09 July 2004

Ms. Francine Wai  
Executive Director  
Disability and Communication  
Access Board  
919 Ala Moana Blvd., Room 101  
Honolulu, Hawaii 96814

Dear Francine,

Subject: James B. Castle High School  
Bleachers & Storage Facility  
Kaneohe, Hawaii 96744  
DAGS Job. No. 12-16-4257  
TMK: (1) 4-5-034:008  
DCAB Job No. #2004-265

This is in response to your letter (copy attached for reference), dated 21 June 2004 to Mr. Lance Maja of the Department of Accounting and General Services regarding the Document Review Technical Assistance, DCAB 2004-265 and your additional comments for the above subject project.

We are currently processing the Building Permit Application and have since received comments from the Department of Planning & Permitting (DPP) plans examiner. The comments has affected the configuration of the bleacher seating and exiting and we are in the process of addressing their requirements.

We have reviewed the comments from DCAB and will incorporate the necessary revision and/or information along with the revisions for DPP in a Post Contract Drawing (PCD). This PCD will be submitted to DCAB for review and comment.

With respect to your additional comments:

1. We will address the additional accessible parking during peak events. The seating capacity of the bleachers are fixed and the additional (temporary) parking is being provided to meet the current Land Use Ordinance off-street parking requirements. To the best of our knowledge, additional (temporary) seating will not be provided during peak events, therefore, additional accessible seating for temporary seating is not indicated on the construction documents.

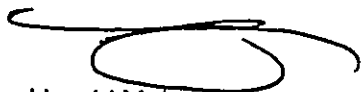
Disability and Communication  
Access Board  
Attention: Ms. Francine Wai  
Page 2  
09 July 2004

2. To the best of our knowledge, the school does not have a P. A. system for the football field, therefore, an assistive listening system is not included in this project.

Should you have any questions, please do not hesitate to contact me at 949-1025.

Sincerely,

ANBE, ARUGA & ISHIZU,  
ARCHITECTS, INC.



Harold Y. Inouye  
Senior Vice President

hyi  
attachment:

cc: Mr. Lance Maja - DAGS - Planning Branch  
Mr. Chester Koga - R.M. Towill Corporation



BI - LM 6/23/04 P (9)

## DISABILITY AND COMMUNICATION ACCESS BOARD

919 Ala Moana Boulevard, Room 101 • Honolulu, Hawaii 96814 - DAGS  
Ph. (808) 586-8121 (V/TDD) • Fax (808) 586-8127 PUBLIC WORKS

2004 JUN 23 A 8:50

June 21, 2004

Mr. Lance-Maja  
Planning Branch  
Public Works Division  
Department of Accounting and  
General Services  
P.O. Box 119  
Honolulu, HI 96810-0119

**Subject:** James B. Castle High School, Bleachers and Storage Facility  
45-386 Kaneohe Bay Drive  
Kaneohe, Hawaii 96744  
DAGS Job No. 12-16-4257  
TMK (1) 4-5-034:008

Dear Mr. Maja,

Per your phone conversation with my staff this morning, the Draft Environmental Assessment (DEA) for the James B. Castle High School Bleachers and Storage Facility project was submitted to our office for comment on May 19, 2004. The purpose was a request to review the proposed plan to ensure that the project took into account accessibility for persons with disabilities.

We offer the following comment on the Draft Environment Assessment:

“The requirement to ensure this project takes into account accessibility pursuant to HRS §103-50 has been addressed in the following chapters:

Chapter 2: Existing Conditions, Project Description and Alteration to the Proposed Action under Sub Section 2.2 Proposed Action, 2.2.4 ADA Improvements.

Chapter 7: Necessary Permits and Approvals.”

Staff indicated that final construction documents for this project were submitted to our office on April 2, 2004, for review. It received a Document Review Technical Assistance, DCAB 2004-265, on April 8, 2004 addressing accessibility review findings. We have received no response to the review. In addition this project provided additional temporary parking, but did not appear to address additional accessible parking during peak events. Chapter 2 of the DEA shows a temporary parking system but is not clear how accessibility is being addressed. It is also not clear in either set of documents if an assistive listening system is planned or if additional placement of wheelchair locations is provided during high peak use.

Mr. Lance Maja  
Planning Branch  
June 21, 2004

Subject: James B. Castle High School, Bleachers and Storage Facility

The above reflects staff's technical assistance comments. They do not reflect our Board's approval or disapproval of the DEA. There are no further comments to offer at this time. Thank you for opportunity to provide comments on this project and, we look forward to reviewing this project when it is resubmitted to our office.

Should you have any questions or concerns, please feel free to contact Gary L. Batcheller, Facility Access Specialist, or Curtis Motoyama, Access Coordinator, at (808) 586-8121.

Sincerely,



FRANCINE WAI  
Executive Director

c: Chester Koga  
R.M. Towill Corporation

Department of Health, Office of  
Environmental Quality Control

FIRE DEPARTMENT  
CITY AND COUNTY OF HONOLULU

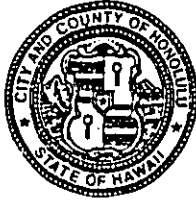
3375 KOAPAKA STREET, SUITE H425 • HONOLULU, HAWAII 96819-1869  
TELEPHONE: (808) 831-7761 • FAX: (808) 831-7750 • INTERNET: www.honolulufire.org



ATTILIO K. LEONARDI  
FIRE CHIEF

JOHN CLARK  
DEPUTY FIRE CHIEF

JEREMY HARRIS  
MAYOR



June 21, 2004

Mr. Lance Maja, Project Engineer  
Planning Branch  
State of Hawaii  
Department of Accounting and General Services  
Public Works Division  
P.O. Box 119  
Honolulu, Hawaii 96810-0119

Dear Mr. Maja:

Subject: Draft Environmental Assessment (DEA)  
James B. Castle High School, Bleachers and Storage Facility  
45-386 Kaneohe Bay Drive  
Kaneohe, Oahu, Hawaii  
Tax Map Key: 4-5-034: 008

We received your letter dated May 17, 2004, requesting our review of the above-mentioned DEA.

The Honolulu Fire Department has no objections to the project, provided that the following are complied with:

1. Maintain the fire access lane to the existing fire hydrant located between the gymnasium and the new bleachers.
2. Maintain an unobstructed vertical clearance of not less than 13 feet 6 inches throughout the fire access lane.

Should you have any questions, please call Battalion Chief Lloyd Rogers of our Fire Prevention Bureau at 831-7778.

Sincerely,

A handwritten signature in black ink, appearing to read "Attilio K. Leonardi".

ATTILIO K. LEONARDI  
Fire Chief

AKL/SK:bh

cc: Mr. Chester Koga, R.M. Towill Corporation  
Department of Health, Office of Environmental Quality Control

LINDA LINGLE  
GOVERNOR



RUSS K. SAITO  
COMPTROLLER

KATHERINE H. THOMASON  
DEPUTY COMPTROLLER

STATE OF HAWAII

(P)1258.4

DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES  
P.O. BOX 119, HONOLULU, HAWAII 96810

AUG - 2 2004

Chief Attilio K. Leonardi  
Honolulu Fire Department  
3375 Koapaka Street, Suite H425  
Honolulu, Hawaii 96819

Dear Chief Leonardi:

Subject: James B. Castle High School  
Bleachers and Storage Facility  
Draft Environmental Assessment (EA)

Thank you for your letter of June 21, 2004, noting your Department's desire to access to the existing fire hydrants and maintaining vertical clearance of 13 feet 6 inches in the fire lane.

We have addressed both issues in the EA.

If you have any questions, please have your staff call Mr. Ricky Sasaki of the Project Management Branch at 586-0474.

Sincerely,

A handwritten signature in black ink, appearing to read "Ernest Y. W. Lau".

ERNEST Y. W. LAU  
Public Works Administrator

LM:mo

c: Mr. Chester Koga, R. M. Towill



May 26, 2004

Mr. Lance Maja, Planning Branch  
Department of Accounting and General Services  
Public Works Division  
Post Office Box 119  
Honolulu, Hawaii 96810-0119


Dear Mr. Maja:

Thank you for the opportunity to review and comment on the Draft Environmental Assessment relating to the Bleachers and Storage Facility at Castle High School.

The Department of Parks and Recreation has no comment on this project and as it will not impact any facility or program of this department, please delete us as a consulted party to the balance of the EIS process.

Should you have any questions, please contact Mr. John Reid, Planner, at 692-5454.

Sincerely,

  
WILLIAM D. BALFOUR, JR.  
Director

WDB:mk  
(62654)

cc: ✓ R. M. Towill Corporation  
Office of Environmental Quality Control

LINDA LINGLE  
GOVERNOR



RUSS K. SAITO  
COMPTROLLER  
KATHERINE H. THOMASON  
DEPUTY COMPTROLLER

**STATE OF HAWAII**  
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES  
P.O. BOX 119, HONOLULU, HAWAII 96810

(P)1252.4

AUG = 2 2004

Mr. William D. Balfour Jr., Director  
Department of Parks and Recreation  
650 South King Street, 10<sup>th</sup> Floor  
Honolulu, Hawaii 96813

Dear Mr. Balfour:

Subject: James B. Castle High School  
Bleachers and Storage Facility  
Draft Environmental Assessment  
DAGS Job No. 12-16-4257

Thank you for your letter dated May 26, 2004, noting that your Department does not have any comments on the subject project.

Should you have any questions, please have your staff call Mr. Lance Maja of the Planning Branch at 586-0483.

Sincerely,

A handwritten signature in cursive script, appearing to read "Ernest Y. W. Lau".

ERNEST Y. W. LAU  
Public Works Administrator

LM:jp  
cc: Mr. Chester Koga, R.M. Towill Corporation

**BOARD OF WATER SUPPLY**

CITY AND COUNTY OF HONOLULU  
630 SOUTH BERETANIA STREET  
HONOLULU, HI 96843



June 17, 2004

JEREMY HARRIS, Mayor

EDDIE FLORES, JR., Chairman  
CHARLES A. STED, Vice-Chairman  
HERBERT S. K. KAOPUA, SR.  
DAROLYN H. LENDIO

RODNEY K. HARAGA, Ex-Officio  
LARRY J. LEOPARDI, Ex-Officio

CLIFFORD S. JAMILE  
Manager and Chief Engineer

DONNA FAY K. KIYOSAKI  
Deputy Manager and Chief Engineer

Mr. Lance Maja  
Public Works Division  
Department of Accounting and General Services  
State of Hawaii  
P. O. Box 119  
Honolulu, Hawaii 96810-0119

Dear Mr. Maja:

Subject: Your Letter of May 17, 2004 on the Draft Environmental Assessment for James B. Castle High School, Bleachers and Storage Facility, TMK: 4-5-34: 8

Thank you for the opportunity to comment on the proposed project.

The existing water system is presently adequate to accommodate the proposed bleachers and storage facilities.

The applicant will be required to obtain a water allocation from the State Department of Land and Natural Resources.


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

The on-site fire protection requirements should be coordinated with the Fire Prevention Bureau of the Honolulu Fire Department.

The proposed project is subject to Board of Water Supply Cross-Connection Control and Backflow Prevention requirements prior to the issuance of the Building Permit Application.

If you have any questions, please contact Joseph Kaakua at 748-5442.

Very truly yours,

  
for CLIFFORD S. JAMILE  
Manager and Chief Engineer

LINDA LINGLE  
GOVERNOR



RUSS K. SAITO  
COMPTROLLER  
KATHERINE H. THOMASON  
DEPUTY COMPTROLLER

**STATE OF HAWAII**  
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES  
P.O. BOX 119, HONOLULU, HAWAII 96810

(P)1257.4

AUG - 2 2004

Mr. Clifford S. Jamile  
Manager and Chief Engineer  
Board of Water Supply  
630 South Beretania Street  
Honolulu, Hawaii 96813

Dear Mr. Jamile:

Subject: James B. Castle High School  
Bleachers and Storage Facility  
Draft Environmental Assessment (EA)


Thank you for your letter of June 17, 2004, noting the Board's concerns. Our responses to your concerns are stated below:

1. We note that the existing water system is adequate to accommodate the proposed project.
2. Additional water allocation may be required from the Department of Land and Natural Resources.
3. Availability of water will be determined when the building permit is submitted for approval.
4. On-site fire protection is being coordinated with the Fire Department.
5. Design of the facilities has considered the requirements of Cross-Connection and Backflow Prevention.

Mr. Clifford S. Jamile  
(P)1257.4  
Page 2

If you have any questions, please have your staff call Mr. Ricky Sasaki of the Project Management Branch at 586-0474.

Sincerely,

  
ERNEST Y. W. LAU  
Public Works Administrator

LM:mo  
✓c: Mr. Chester Koga, R. M. Towill Corp.

LINDA LINGLE  
GOVERNOR OF HAWAII



STATE OF HAWAII  
OFFICE OF ENVIRONMENTAL QUALITY CONTROL

235 SOUTH BERETANIA STREET  
SUITE 702  
HONOLULU, HAWAII 96813  
TELEPHONE (808) 586-4185  
FACSIMILE (808) 586-4188  
E-mail: oeqc@health.state.hi.us

LM - G. Salmonson  
G. Salmonson  
GENEVIEVE SALMONSON  
DIRECTOR (3)

RECEIVED  
JUN 9 2004  
DIVISION OF ENVIRONMENTAL QUALITY CONTROL

June 7, 2004

Harold Sonomura, Acting Public Works Administrator  
Department of Accounting and General Services  
P.O. Box 119  
Honolulu, Hawaii 96810

Attention: Lance Maja

Dear Mr. Sonomura:

Subject: Draft Environmental Assessment (EA), Castle High School Bleachers & Storage Facility

We have the following comments to offer:

**Two-sided pages:** In order to reduce bulk and save on paper, please consider printing on both sides of the pages in the final document.

**Cultural impacts assessment:** Section 3.10 notes that there are no cultural practices known in the area. How did you reach this conclusion? In the final EA describe the process you followed to reach your conclusion of "no known cultural practices."

**Contacts:** Contact the nearest neighbors or neighboring landowners of the proposed project, allowing them sufficient time to review the draft EA and submit comments. They need to be made aware of construction activities (and the construction schedule) that will affect them. Document all contacts in the final EA and enclose copies of correspondence, including correspondence received during the pre-consultation phase.

If you have any questions, call Nancy Heinrich at 586-4185.

Sincerely,

*Genevieve Salmonson*  
GENEVIEVE SALMONSON  
Director

c: Chester Koga

LINDA LINGLE  
GOVERNOR



RUSS K. SAITO  
COMPTROLLER  
KATHERINE H. THOMASON  
DEPUTY COMPTROLLER

**STATE OF HAWAII**  
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES  
P.O. BOX 119, HONOLULU, HAWAII 96810

(P)1253.4

AUG - 2 2004

**MEMORANDUM**

**TO:** Ms. Genevieve Salmonson, Director  
Office of Environmental Quality Control  
Department of Health

**FROM:** Ernest Y. W. Lau *eyw*  
Public Works Administrative

**SUBJECT:** James B. Castle High School  
Bleachers and Storage Facility  
Draft Environmental Assessment (EA)  
DAGS Job No. 12-16-4257

Thank you for your letter dated June 7, 2004. We offer the following responses to your comments:

1. **Two-Sided Copying:** We will print the Final EA two-sided.
2. **Cultural Impacts and Traditional Use:** The James B. Castle High School was initially constructed in 1952 and has expanded to its current size. The bleachers were constructed in 1988. The decision to allow uses on the campus is left with the Principal.
3. **Contacts:** The draft EA was distributed to the neighbors in the immediate vicinity of the school and they were given the opportunity to submit comments.

Should you have any questions, please have your staff call Mr. Lance Maja of the Planning Branch at 586-0483.

LM:jp

c: Mr. Chester Koga, R.M. Towill Corporation

LINDA LINGLE  
GOVERNOR OF HAWAII



PETER T. YOUNG  
CHAIRPERSON  
BOARD OF LAND AND NATURAL RESOURCES  
COMMISSION ON WATER RESOURCE MANAGEMENT

DAN DAVIDSON  
DEPUTY DIRECTOR - LAND

YVONNE Y. IZU  
DEPUTY DIRECTOR - WATER



**STATE OF HAWAII**  
**DEPARTMENT OF LAND AND NATURAL RESOURCES**

HISTORIC PRESERVATION DIVISION  
KAKUHIHEWA BUILDING, ROOM 555  
601 KAMOKILA BOULEVARD  
KAPOLEI, HAWAII 96707

AQUATIC RESOURCES  
BOATING AND OCEAN RECREATION  
BUREAU OF CONVEYANCES  
COMMISSION ON WATER RESOURCE MANAGEMENT  
CONSERVATION AND COASTAL LANDS  
CONSERVATION AND RESOURCES ENFORCEMENT  
ENGINEERING  
FORESTRY AND WILDLIFE  
HISTORIC PRESERVATION  
KAHOOLAWE ISLAND RESERVE COMMISSION  
LAND  
STATE PARKS

June 3, 2004

Mr. Lance Maja  
Planning Branch  
Department of Accounting & General Services  
Public Works Division  
P. O. Box 119  
Honolulu, Hawaii 96810-0119

Log NO: 2004.1714  
Doc. NO: 0406EJ07

Dear Mr. Maja:

**SUBJECT: Chapter 6E-8 Historic Preservation Review-Draft Environmental Assessment James B. Castle High School, Bleachers and Storage Facility. 45-386 Kaneohe Bay Drive, O`ahu Kane`ohe, Ko`olaupoko, O`ahu TMK: (1) 4-5-034:008**

Thank you for the opportunity to comment on the DEA for the proposed James B. Castle High School Bleachers and Storage Facility. Our review is based on historic reports, maps, and aerial photographs maintained at the State Historic Preservation Division; no field inspection was made of the project areas. We received the DEA from your office on May 19, 2004 and provide the following comment.

We are unsure why section 6.2.3 refers to the National Historic Preservation Act (NHPA). A section 106 review under the NHPA would be initiated by the Federal agency responsible for the undertaking. To our knowledge there is no Federal component for this project. Therefore, we are reviewing this project under Chapter 6E-8. If our understanding is incorrect, please advise us at the earliest possible opportunity, and ensure that the responsible Federal agency carries out compliance with Section 106 of the NHPA.

A review of our records shows that there are no known historic sites at this location. The project area has been previously cleared and graded for the existing football facility and bleachers. No historic sites are likely to remain because of the previous land alteration and we believe "no historic properties will be affected" by the construction of the new facility.

In the unlikely event that historic sites, including human burials, are uncovered during routine construction activities, all work in the vicinity must stop and the State Historic Preservation division must be contacted at 692-8015.

Should you have any questions, please feel free to call Sara Collins at 692-8026 or Elaine Jourdane at 692-8027.

Aloha,

*P. Holly McEldowney*  
P. Holly McEldowney, Administrator  
State Historic Preservation Division

EJ: sky

c: ~~\_\_\_\_\_~~  
Chester Koga, R.M. Towill Corporation, 420 Waiakamilo Road, Honolulu, HI 96817  
OEQC, Department of Health, 235 S. Beretania Street, Room 702, Honolulu, HI 96813



LINDA LINGLE  
GOVERNOR



RUSS K. SAITO  
COMPTROLLER  
KATHERINE H. THOMASON  
DEPUTY COMPTROLLER

STATE OF HAWAII  
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES  
P.O. BOX 119, HONOLULU, HAWAII 96810

(P)1254.4

AUG - 2 2004

MEMORANDUM

TO: Ms. P. Holly McEldowney, Administrator  
Historic Preservation Division  
Department of Land and Natural Resources

FROM: Ernest Y. W. Lau *EYWL*  
Public Works Administrator

SUBJECT: James B. Castle High School  
Bleachers and Storage Facility  
Draft Environmental Assessment  
DAGS Job No. 12-16-4257

Thank you for your letter dated June 3, 2004. We offer the following responses to your comments:

1. Section 106: The subject project will not include involvement by a federal entity. Therefore, consultation will be in accordance with Chapter 6E.
2. Cultural Resources: We will advise the construction contractor that he is to stop work and consult with your office in the event that cultural deposits are encountered.

Should you have any questions, please have your staff call Mr. Lance Maja of the Planning Branch at 586-0483.

LM:jp  
/c: Mr. Chester Koga, R.M. Towill Corporation

LINDA LINGLE  
GOVERNOR



STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
869 PUNCHBOWL STREET  
HONOLULU, HAWAII 96813-5097

RODNEY K. HARAGA  
DIRECTOR

Deputy Director  
BRUCE Y. MATSUI  
LINDEN H. JOESTING  
BRIAN H. SEKIGUCHI

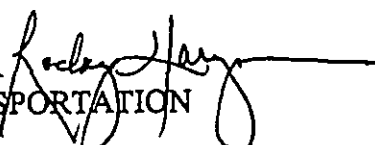
IN REPLY REFER TO:

STP 8.1203

June 14, 2004

TO: THE HONORABLE RUSS K. SAITO, COMPTROLLER  
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES

ATTN: MR. LANCE MAJA  
PLANNING BRANCH

FROM: RODNEY K. HARAGA   
DIRECTOR OF TRANSPORTATION

SUBJECT: JAMES B. CASTLE HIGH SCHOOL BLEACHERS & STORAGE FACILITY  
DRAFT ENVIRONMENTAL ASSESSMENT (DEA)  
TMK: 4-5-034: 008

Thank you for your transmittal requesting our review of the subject project.

We do not anticipate the proposed construction of the bleachers and storage facility will have a significant impact to our State transportation facilities.

We appreciate the opportunity to provide comments.

c: Chester Koga, R. M. Towill Corporation  
Genevieve Salmonson, OEQC

LINDA LINGLE  
GOVERNOR



RUSS K. SAITO  
COMPTROLLER  
KATHERINE H. THOMASON  
DEPUTY COMPTROLLER

STATE OF HAWAII  
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES  
P.O. BOX 119, HONOLULU, HAWAII 96810

(P)1255.4

AUG - 2 2004

MEMORANDUM

TO: The Honorable Rodney K. Haraga, Director  
Department of Transportation

FROM: Russ K. Saito  
State Comptroller *Russ K Saito*

SUBJECT: James B. Castle High School  
Bleachers and Storage Facility  
Draft Environmental Assessment  
DAGS Job No. 12-16-4257

Thank you for your letter dated June 14, 2004, noting that your Department did not have any comments.

If you have any questions, please call me at 586-0400 or have your staff call Mr. Lance Maja of the Public Works Division at 586-0483.

c: ✓ Mr. Chester Koga, R.M. Towill Corporation

DEPARTMENT OF TRANSPORTATION SERVICES  
**CITY AND COUNTY OF HONOLULU**

650 SOUTH KING STREET, 3RD FLOOR • HONOLULU, HAWAII 96813  
TELEPHONE: (808) 523-4529 • FAX: (808) 523-4730 • INTERNET: www.co.honolulu.hi.us

6/25/04  
LMS  
⑩

RECEIVED - DADS  
DIV. OF PUBLIC WORKS

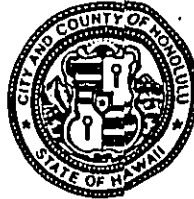
2004 JUN 25 A 8:45

CHERYL D. SOON  
DIRECTOR

GEORGE "KEOKI" MIYAMOTO  
DEPUTY DIRECTOR

TP5/04-62434R

JEREMY HARRIS  
MAYOR



June 21, 2004

Mr. Lance Maja, Planning Branch  
Public Works Division  
Department of Accounting and General Services  
P.O. Box 119  
Honolulu, Hawaii 96810-0119

DECEMBER  
JUN 25 2004  
DIVISION OF PUBLIC WORKS

Dear Mr. Maja:

Subject: James B. Castle High School, Bleachers and Storage Facility

In response to its May 17, 2004 transmittal letter, we reviewed the draft environmental assessment (EA) for the subject project. The following comments are the result of this review:

1. A page number should identify each of the pages in the draft EA.
2. Figure 3 - The area shown in this figure should include the area up to the southern school boundary.
3. Page 8, 2.1.5 ON-SITE PARKING FOR OUTDOOR SCHOOL EVENTS - The discussion should refer to Figure 4. The number of stalls required to be on a paved surface based on the projected attendance should be noted. The location of the existing 306 parking stalls should be stated and shown on Figure 4. Parking 07 as shown on Figure 4 does not contain 143 stalls. The deficiency in the number of stalls should be stated. The number of stalls that the overflow areas would provide should be noted.
4. Page 10, 1<sup>st</sup> complete paragraph - The total capacity of 2,249 is not consistent with the tabulation in Table 2.
5. Figure 4 - The area shown in this figure should include the area up to the southern school boundary. The Seating Tabulation should be clarified; the resulting numbers using only one width should be shown. The Parking Tabulation should list all the areas where parking is permitted and all these areas should be shown on the plan. Parking 07 as shown does not contain 143 stalls. The Parking Tabulation shows a surplus of 97 stalls. If this is the case, we question the need for a waiver from campus parking requirements.

Mr. Lance Maja  
Page 2  
June 21, 2004

6. Page 15 – The Parking Tabulation should be consistent throughout the draft EA.
7. Page 30, **5.1 TRAFFIC AND ROADWAYS** – A map of the entire campus showing all driveways and abutting accesses to the campus should be provided. The improvements proposed should also be shown.
8. Page 32, **5.1 TRAFFIC AND ROADWAYS** – A plan which shows the traffic counts discussed should be included in the document. The impact of the proposed project on the State intersections should also be discussed.
9. Page 33, **5.1 TRAFFIC AND ROADWAYS** – The number of vehicle trips attributed to the school should be substantiated. The impacts on the surrounding roadways during construction should be discussed. The traffic generation shown in Table 7 should be substantiated by traffic counts.
10. Page 34, **5.1 TRAFFIC AND ROADWAYS** – Mitigation measures for major events, such as overflow parking, should be identified. The school should inform the public when these events occur. Also, the school should apprise the Neighborhood Board and the community associations of the plans and obtain their input.
11. Page 44 – The Department of Transportation Services should be listed as one of the agencies consulted.
12. The project will have no significant adverse impact on public transportation.

Should you have any questions regarding these comments, please contact Faith Miyamoto of the Transportation Planning Division at 527-6976.

Sincerely,



CHERYL D. SOON  
Director

cc: Mr. Chester Koga, R. M. Towill Corporation  
Ms. Genevieve Salmonson, Office of Environmental  
Quality Control

LINDA LINGLE  
GOVERNOR



RUSS K. SAITO  
COMPTROLLER  
KATHERINE H. THOMASON  
DEPUTY COMPTROLLER

STATE OF HAWAII

(P)1283.4

DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES  
P.O. BOX 119, HONOLULU, HAWAII 96810  
AUG 25 2004

Ms. Cheryl D. Soon, Director  
City and County of Honolulu  
Department of Transportation Services  
650 South King Street, 3<sup>rd</sup> Floor  
Honolulu, Hawaii 96813

Dear Ms. Soon:

Subject: James B. Castle High School  
Bleachers and Storage Facility  
Draft Environmental Assessment (EA)  
DAGS Job No. 12-16-4257

Thank you for your letter of June 21, 2004. We offer the following responses to your comments:

1. Item No. 1: The Final EA will include page numbers for each page.
2. Item No. 2: Figure 3 will be revised to include the southern boundary of the school.
3. Item No. 3: Section 2.1.5 will be revised to summarize the parking requirements.
4. Items No. 4, 5 and 6: The total capacity tabulation will be clarified. The parking tabulation will be adjusted in accordance with Section 2.1.5.
5. Item No. 7: A campus site plan will be included.
6. Items No. 8, 9, and 10: Section 5.1 will be modified to identify traffic impacts and traffic counts. Impacts during construction will be also address. Plans for overflow parking have been addressed, but will be restated in this section.
7. Item No. 11: The Department of Transportation Services will be listed as a consulted party.
8. Item No. 12: We will note that the project will not have an impact on public transportation.

Ms. Cheryl D. Soon  
(P)1283.4  
Page 2

If you have any questions, please have your staff call Mr. Ricky Sasaki of the Project Management Branch at 586-0474.

Sincerely,



ERNEST Y. W. LAU  
Public Works Administrator

LM:mo

c: Mr. Chester Koga, R.M. Towill Corp

LINDA LINGLE  
GOVERNOR OF HAWAII



RECEIVED - DAGS  
DIV. OF PUBLIC WORKS

STATE OF HAWAII  
DEPARTMENT OF HEALTH  
P.O. Box 3378  
HONOLULU, HAWAII 96801-3378

AUG - 8 A 10: 52

CHYOME L. FUKINO, M.D.  
DIRECTOR OF HEALTH

In reply, please refer to:

EPO-04-119

July 7, 2004

Mr. Lance Maja  
Department of Accounting and General Services  
Public Works Division  
P.O. Box 119  
Honolulu, Hawaii 96810

JUL 8 2004

Dear Mr. Maja:

SUBJECT: James B. Castle High School, Bleachers and Storage Facility  
TMK: 4-5-034:008

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

**Clean Water Branch Standard Comments** Dated 3/2/04

1. The Army Corps of Engineers should be contacted at (808) 438-9258 to identify whether a Federal license or permit (including a Department of Army permit) is required for this project. Pursuant to Section 401(a)(1) of the Federal Water Pollution Act (commonly known as the "Clean Water Act"), a Section 401 Water Quality Certification is required for "[a]ny applicant for Federal license or permit to conduct any activity including, but not limited to, the construction or operation of facilities, which may result in any discharge into the navigable waters...."
2. A National Pollutant Discharge Elimination System (NPDES) general permit coverage is required for the following activities:
  - a. Storm water associated with industrial activities, as defined in Title 40, Code of Federal Regulations, Sections 122.26(b)(14)(i) through 122.26(b)(14)(ix) and 122.26(b)(14)(xi).
  - b. Construction activities, including clearing, grading, and excavation, that result in the disturbance of equal to or greater than one (1) acre of total land area. The total land area includes a contiguous area where multiple separate and distinct construction activities may be taking place at different times on different schedules under a larger common plan of development or sale. An NPDES permit is required before the commencement of the construction activities.
  - c. Discharges of treated effluent from leaking underground storage tank remedial activities.
  - d. Discharges of once through cooling water less than one (1) million gallons per day.



Mr. Lance Maja  
July 7, 2004  
Page 2

- e. Discharges of hydrotesting water.
- f. Discharges of construction dewatering effluent.
- g. Discharges of treated effluent from petroleum bulk stations and terminals.
- h. Discharges of treated effluent from well drilling activities.
- i. Discharges of treated effluent from recycled water distribution systems.
- j. Discharges of storm water from a small municipal separate storm sewer system.
- k. Discharges of circulation water from decorative ponds or tanks.

The CWB requires that a Notice of Intent (NOI) to be covered by a NPDES general permit for any of the above activities be submitted at least 30 days before the commencement of the respective activities. The NOI forms may be picked up at our office or downloaded from our website at <http://www.state.hi.us/health/eh/cwb/forms/genl-index.html>.

3. The applicant may be required to apply for an individual NPDES permit if there is any type of activity in which wastewater is discharged from the project into State waters and/or coverage of the discharge(s) under the NPDES general permit(s) is not permissible (i.e. NPDES general permits do not cover discharges into Class 1 or Class AA receiving waters). An application for the NPDES permit is to be submitted at least 180 days before the commencement of the respective activities. The NPDES application forms may also be picked up at our office or downloaded from our website at <http://www.state.hi.us/health/eh/cwb/forms/indiv-index.html>.
4. Hawaii Administrative Rules, Section 11-55-38, also requires the owner to either submit a copy of the new NOI or NPDES permit application to the State Department of Land and Natural Resources, State Historic Preservation Division (SHPD), or demonstrate to the satisfaction of the DOH that the project, activity, or site covered by the NOI or application has been or is being reviewed by SHPD. Please submit a copy of the request for review by SHPD or SHPD's determination letter for the project.

If you have any questions, please contact the CWB at 586-4309.

Sincerely,



JUNE F. HARRIGAN-LUM, MANAGER  
Environmental Planning Office

c: CWB

LINDA LINGLE  
GOVERNOR



RUSS K. SAITO  
COMPTROLLER  
KATHERINE H. THOMASON  
DEPUTY COMPTROLLER

**STATE OF HAWAII**  
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES  
P.O. BOX 119, HONOLULU, HAWAII 96810

(P)1284.4

AUG 25 2004

**MEMORANDUM**

**TO:** Ms. June Harrigan-Lum  
Environmental Planning Office  
Department of Health

**FROM:** Ernest Y. W. Lau  
Public Works Administrator

**SUBJECT:** James B. Castle High School  
Bleachers and Storage Facility  
Draft Environmental Assessment (EA)  
DAGS Job No. 12-16-4257


Thank you for your letter of July 7, 2004. We offer the following responses to your comments:

1. Contact with the Army Corps of Engineers was determined to be not necessary as there are no anticipated discharges into waters of the United States.
2. The need for an NPDES permit for construction activities is currently being evaluated. There will be no discharges from hydro-testing, underground storage tanks, once through cooling water, dewatering, drilling activities, recycled waters, municipal storm sewer systems or decorative ponds. The overall project site is also less than the one (1) acre, including areas required for construction equipment mobilization. Best management practices will be required of the construction contractor(s). If our evaluation determines that an NPDES permit is required for the work proposed, we will require the contractor to file the appropriate NPDES permit with the Clean Water Branch.

Ms June Harrigan-Lum  
(P)1284.4  
Page 2

If you have any questions, please have your staff call Mr. Ricky Sasaki of the Project Management Branch at 586-0474.

Sincerely,

  
ERNEST Y. W. LAU  
Public Works Administrators

LM:mo

c: Mr. Chester Koga, R.M. Towill Corp

DEPARTMENT OF PLANNING AND PERMITTING  
**CITY AND COUNTY OF HONOLULU**

650 SOUTH KING STREET, 7<sup>TH</sup> FLOOR  
HONOLULU, HAWAII 96813  
Phone: (808) 523-4414 • Fax: (808) 527-6743  
Web site: [www.cc.honolulu.hi.us](http://www.cc.honolulu.hi.us)

JEREMY HARRIS  
MAYOR



ERIC G. CRISPIN, AIA  
DIRECTOR

BARBARA KIM STANTON  
DEPUTY DIRECTOR

July 16, 2004

2004/ELOG-1102 (df)

Department of Accounting and General Services  
Public Works Division  
P.O. Box 119  
Honolulu, Hawaii 96810-0119  
Contact: Mr. Lance Maja, Planning Branch

Dear Mr. Maja:

Draft Environmental Assessment for James B. Castle High School,  
Bleachers and Storage Facility, Kaneohe, Tax Map Key: 4-5-034: 008

In response to your May 17, 2004 letter requesting comments to the subject project, we have the following to offer:

- 1) Section 3.1, Impacts and Mitigation Measures: This section states, "*The proposed improvements will be constructed at the existing grade. No impacts to topography are expected and no mitigation measures are required.*" Yet, the EA states that grading will be performed and that a Grading, Grubbing and Stockpiling Permit is required. Please explain.
- 2) Section 3.4, Impacts and Mitigation Measures: a) The maximum exposure time of cleared areas shall not exceed 14 days. Disturbed areas that remain exposed beyond 14 days shall be protected against erosion. b) Why is a 100-year storm event being used as the basis for stopping constructing activities and securing equipment and materials against storm impacts? What will happen during less intense rainfall events? Would the contractor or his crew be able to identify a 100-year event?
- 3) Chapter 9, Item 10: This section does not state whether the proposed action detrimentally affects water quality.

Department of Accounting & General Services  
Page 2

- 4) Chapter 9, Item 11: How does the project proximity from the coastline or flood hazard area have any relevance as to whether it will adversely impact geologically hazardous land?

If there are any questions, please contact Mr. Don Fujii of the Site Development Division at 547-7320.

Sincerely yours,



 ERIC G. CRISPIN, AIA  
Director of Planning and Permitting

EGC:ky

[308421]

cc: V.R.M. Towill Corporation  
Office of Environmental Quality Control

LINDA LINGLE  
GOVERNOR



RUSS K. SAITO  
COMPTROLLER  
KATHERINE H. THOMASON  
DEPUTY COMPTROLLER

STATE OF HAWAII  
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES  
P.O. BOX 119, HONOLULU, HAWAII 96810

(P)1285.4

AUG 25 2004

Mr. Eric G. Crispin, Director  
City and County of Honolulu  
Department of Planning and Permitting  
650 South King Street, 7<sup>th</sup> Floor  
Honolulu, Hawaii 96813

Dear Mr. Crispin:

Subject: James B. Castle High School  
Bleachers and Storage Facility  
Draft Environmental Assessment (EA)  
DAGS Job No. 12-16-4257

Thank you for your letter of July 16, 2004. We offer the following responses to your comments:

1. Grading Permit: Grading will take place to the extent that the ground will need to be prepared for construction. Your department will be consulted to determine if a grading permit will be required.
2. Section 3.4 Impact and Mitigation: The construction contractor will be required to take preventative measure to insure that the project site is protected during storm events. Further, the contractor will also be required to prevent unregulated discharges from the site. To this extent, the Best Management Practices presented in the Environmental Assessment are measures that are intended to meet storm water discharge impacts.
3. Chapter 9, Item 10: will be revised to note that there will not be any impacts to water quality.
4. Chapter 9, Item 11: will be reworded to note that the project will not adversely impact geologically hazardous lands.

Mr. Eric G. Crispin  
(P)1285.4  
Page 2

If you have any questions, please have your staff call Mr. Ricky Sasaki of the Project Management Branch at 586-0474.

Sincerely,



ERNEST Y. W. LAU  
Public Works Administrator

LM:mo

c: Mr. Chester Koga, R.M. Towill Corp

LINDA LINGLE  
GOVERNOR



RUSS K. SAITO  
COMPTROLLER  
KATHERINE H. THOMASON  
DEPUTY COMPTROLLER

**STATE OF HAWAII**  
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES  
P.O. BOX 119, HONOLULU, HAWAII 96810

(P)1250.4

AUG - 2 2004

**MEMORANDUM**

**TO:** Mr. Raynor Minami, Director  
Facilities and Support Services Branch  
Department of Education (DOE)

**FROM:** Ernest Y. W. Lau *eyw*  
Public Works Administrator

**SUBJECT:** James B. Castle High School  
Bleachers and Storage Facility  
Draft Environmental Assessment  
DAGS Job No. 12-16-4257

Thank you for your letter dated May 12, 2004, noting that the DOE does not have any comments on the subject project.

Should you have any questions, please have your staff call Mr. Lance Maja of the Planning Branch at 586-0483.

LM:jp  
✓c: Mr. Chester Koga, R.M. Towill Corporation



LINDA LINGLE  
GOVERNOR



RUSS K. SAITO  
COMPTROLLER  
KATHERINE H. THOMASON  
DEPUTY COMPTROLLER

**STATE OF HAWAII**  
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES  
P.O. BOX 119, HONOLULU, HAWAII 96810

(P)1235.4

JUL 12 2004

Dear Resident:

Subject: Environmental Assessment for  
James B. Castle High School  
Bleachers and Storage Facility  
DAGS Job No. 12-16-4257

The Department of Accounting and General Services (DAGS) proposes to replace the existing bleachers on the east sideline of the football field and construct storage facilities at James B. Castle High School. The proposed improvements are designed to accommodate the growing number of spectators wishing to attend athletic and special events, specifically football games and graduation; improve safety; and to meet access requirements of the Americans with Disabilities Act. In addition, storage space is needed for the athletic equipment.

Attached for your review and comment is the Draft Environmental Assessment that was prepared pursuant to the Environmental Impact Statement (EIS) law (Hawaii Revised Statutes, Chapter 343) and the EIS rules (Administrative Rules, Title 11, Chapter 200). Although other improvements are indicated in the Draft Environmental Assessment, only the replacement bleachers and storage facility are being constructed.

Your written comments must be received or postmarked by July 20, 2004.

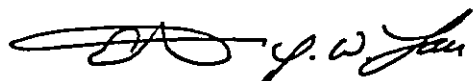
Please send your comments to:

Department of Accounting and General Services  
Public Works Division  
P. O. Box 119  
Honolulu, Hawaii 96810-0119  
Contact: Mr. Lance Maja, Planning Branch  
Phone: (808)586-0483

Resident  
(P)1235.4  
Page 2

Thank you for your attention to this matter and for your continued support of the James B. Castle High School.

Sincerely,



Ernest Y. W. Lau  
Public Works Administrator

LM:jp  
Attachment

c: Mr. Chester Koga, R.M. Towill Corporation w/o attachment

LINDA LINGLE  
GOVERNOR



RUSS K. SAITO  
COMPTROLLER  
KATHERINE H. THOMASON  
DEPUTY COMPTROLLER

**STATE OF HAWAII**  
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES  
P.O. BOX 119, HONOLULU, HAWAII 96810

(P)1251.4

AUG - 2 2004

Ms. Sakae Y. Yu  
45-407 Makalani Street, #A  
Kaneohe, Hawaii 96744

Dear Ms. Yu:

Subject: James B. Castle High School  
Bleachers and Storage Facility  
Draft Environmental Assessment  
DAGS Job No. 12-16-4257

This is to document your telephone conversation with my staff on July 21, 2004, regarding the subject project.

In response to your questions, we provide the following:

1. The construction of the bleachers and storage facility is anticipated to begin in September 2004, and completed by June 2005.
2. There will be additional traffic from construction vehicles during the day. The contractor(s) has been instructed to maintain their vehicles to minimize noise and disturbances to the school and neighbors.

Thank you for taking the time to comment on our project. Should you have any questions, please call Mr. Lance Maja of the Planning Branch at 586-0483.

Sincerely,

A handwritten signature in black ink, appearing to read "Ernest Y. W. Lau".

ERNEST Y. W. LAU  
Public Works Administrator

LM:jp

✓c: Mr. Chester Koga, R.M. Towill Corporation

LINDA LINGLE  
GOVERNOR



RUSS K. SAITO  
COMPTROLLER  
KATHERINE H. THOMASON  
DEPUTY COMPTROLLER

STATE OF HAWAII  
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES  
P.O. BOX 119, HONOLULU, HAWAII 96810

(P)1286.4

AUG 25 2004

Mr. Bruce Randall  
45-411 Meakaua Street  
Kaneohe, Hawaii, 96744

Dear Mr. Randall:

Subject: James B. Castle High School  
Bleachers and Storage Facility  
Draft Environmental Assessment  
DAGS Job No. 12-16-4257

This is to document your telephone conversation with my staff on July 23, 2004, regarding the subject project.

In response to your questions, we provide the following:

1. The bleachers in the south end zone will not be constructed due to funding limitations.
2. We will inform the school administration of your concern for the additional noise that may be generated should those bleachers ever be constructed, and advise them to work with you to resolve any problems which may arise.

Thank you for taking the time to comment on our project.

If you have any questions, please call Mr. Lance Maja of the Planning Branch at 586-0483.

Sincerely,

A handwritten signature in black ink, appearing to read "Ernest Y. W. Lau".

ERNEST Y. W. LAU  
Public Works Administrator

LM:mo

c: Mr. Chester Koga, R.M. Towill Corporation

## REFERENCES

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