

DEPARTMENT OF PLANNING AND PERMITTING
CITY AND COUNTY OF HONOLULU

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DEPT. WEB SITE: www.honolulu.gov • CITY WEB SITE: www.honolulu.gov

KIRK CALDWELL
MAYOR



GEORGE I. ATTA, FAICP
DIRECTOR
ARTHUR D. CHALLACOMBE
DEPUTY DIRECTOR

2016/SMA-34(AB)

August 5, 2016

The Honorable Ernest Y. Martin
Chair and Presiding Officer
and Members
Honolulu City Council
530 South King Street, Room 202
Honolulu, Hawaii 96813

Dear Chair Martin and Councilmembers:

Subject: Application for a Special Management Area (SMA)
Use Permit No. 2016/SMA-34

Applicant: State Department of Education (Duane Kashiwai)
Landowner: City and County of Honolulu and State of Hawaii
Agent: Fukunaga and Associates, Inc. (Lance Fukumoto)
Location: 730 Iliaina Street - Kailua
Tax Map Keys: 4-4-34: 24 (por.) and 28
Acceptance Date: May 24, 2016

RECEIVED
CITY CLERK
C & C OF HONOLULU
2016 AUG -8 AM 10:30

We recommend approval of this application for an SMA Use Permit for the grading, reconstruction, and expansion of the existing high school athletic field, as well as the construction of new bleachers, walkways, drainage improvements, an irrigation system, retaining walls, and appurtenant site improvements, subject to compliance with applicable rules related to water quality and standard conditions relating to archaeological resources, lighting, and approvals from other governmental agencies.

Attached for your consideration are: (1) Our report, recommendation, and draft resolution; and (2) the transcript of the Public Hearing held on July 12, 2016. The hearing was attended by the Agent and about 10 members of the community.

Pursuant to Chapter 25, Revised Ordinances of Honolulu, the City Council must act within 60 calendar days after receipt of our findings and recommendation; however, the City Council may extend this period of time upon receipt of a request from the Applicant for an extension. The extension is not automatic and thus, if an extension of time is not requested in a timely manner, the application may be filed due to the Council's time deadline.

The Honorable Ernest Y. Martin
Chair and Presiding Officer
and Members
August 5, 2016
Page 2

Should you have any questions, please contact me at 768-8000.

Very truly yours,


George I. Atta, FAICP
Director

Attachments

cc: /Kirk Caldwell, Mayor
/Roy K. Amemiya, Jr., Managing Director
/Fukunaga and Associates, Inc. (Lance Fukumoto)
/Corporation Counsel
/State Department of Education (Duane Kashiwai)
/Hearings Reporter
/Alan Heu, Judith Mick, Lina Garcia (without attachments)

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

STATE OF HAWAII

IN THE MATTER OF THE APPLICATION)
)
 BY)
)
 STATE DEPARTMENT OF EDUCATION)
)
 FOR A)
)
 SPECIAL MANAGEMENT AREA)
 USE PERMIT)
_____)

FILE NO. 2016/SMA-34

FINDINGS OF FACT, CONCLUSIONS
OF LAW AND RECOMMENDATION

I. GENERAL INFORMATION

A. Basic Information:

APPLICANT:	State Department of Education (Duane Kashiwai)
LANDOWNER:	City and County of Honolulu and State of Hawaii
LOCATION:	730 Iliaina Street – Kailua (Exhibit A)
TAX MAP KEYS:	4-4-34: 24 (por.), and 28
LAND AREA:	3 Acres
EXISTING ZONING:	R-7.5 Residential District and P-1 Restrictive Preservation District
STATE LAND USE DISTRICT:	Urban
SURROUNDING USES:	Meeting facility, single-family dwellings, Kawainui Regional Park.

- B. Proposal: The Applicant is seeking to renovate and expand an existing athletic field and complex at the Kalaheo High School in Kailua. The proposal includes grading, reconstruction, and expansion of the existing field, as well as construction of new bleachers, walkways, drainage improvements, an irrigation system, retaining walls, and other appurtenant site improvements (Project). The Project is expected to start in late 2016, will take about a year and a half to complete, and will cost about \$1.5 million. The proposed improvements will allow Kalaheo High School to host sporting events on a regulation size field. The site is accessed by Iliaina Street. See Exhibits A through I for further details.

II. FINDINGS OF FACT

On the basis of the evidence presented, the Director has found:

A. Location:

1. Site: The Project site is comprised of two parcels, identified by Tax Map Keys 4-4-34: 24 and 28. The Project site is generally rectangular in shape, and about three acres in land area. The site is generally flat at the site of the field, and slopes up steeply at the north and west edges of the site (see Exhibit B).
2. Surrounding Uses: The surrounding area is typical of Kailua's urban fringe. Land to the east is developed with single family dwellings and a church, and is zoned R-7.5 Residential. The area across Mokapu Boulevard is a large passive park and Kawainui Marsh; the areas to the north and west are undeveloped and steeply sloped mountainous land within the State Conservation District (see Exhibit A).
3. Site Soils: The U.S. Department of Agriculture, Natural Resources Conservation Services, classifies the soils within the Project site and surrounding areas as Kawaihapai Clay Loam (KIC), Kokokahi Clay (KtC), and Papaa Clay (PYD). The KIC soils consist of well-drained soil in drainage ways and on alluvial fans. Runoff is slow to medium, erosion hazard is slight to moderate, and workability is difficult. The soil is neutral in reaction, and historically was used for sugarcane and pasture. The KtC soil is on slopes and alluvial fans. Permeability is slow to moderately slow, runoff is medium, and erosion hazard is slight to moderate. The PYD soils are located further upland, and are derived from basalt. The clays in this soil are very sticky and plastic, and crack when dry. Runoff on this soil is slow to medium, and the erosion hazard is slight to moderate.
4. Hydrology: The site is about 500 feet from Kawainui Stream and Kawainui Marsh (Kawainui District Park). The site is within the Waimanalo Aquifer System Area, which has a sustainable yield of 10 million gallons per day (gpd).
5. Zoning: The majority of the site (Parcel 24) is in the R-7.5 Residential District, and Parcel 28 is in the P-1 Restricted Preservation District. The entire site is within the State Urban Land Use District; therefore, the development standards for Parcel 28 shall be those specified for the P-2 General Preservation District [Land Use Ordinance (LUO) Section 21-3.40] (see Exhibit A).
6. Coastal Zone Management: The majority of the site is within the Special Management Area (SMA) (see Exhibit C). The site is not a shoreline lot, but it is near a wetland, the Kawainui Marsh, which is located across Mokapu Road from the Project site.

B. Environmental Compliance: As the Project is located within the SMA, an Environmental Assessment (EA) was prepared and assessed pursuant to Chapter 25, Revised Ordinances of Honolulu (ROH), and Chapter 343 of the Hawaii Revised Statutes (HRS), respectively. The State Department of Education issued a Finding of No Significant

Impact (FONSI) on May 10, 2016. The FONSI was published in "The Environmental Notice" on May 23, 2016. There is no significant change to the Project since the FONSI was issued, so no Supplemental EA is required at this time.

- C. Flood District: According to the Flood Insurance Rate Map Community Panel No. 15003C0290H, effective on November 5, 2014, the Project is located in Flood Zone X, in an area determined to be located outside the 0.2 percent annual chance floodplain. Development within these flood zones are not subject to the flood hazard regulations of Chapter 21A of the ROH.
- D. Consistency With County Plans:
1. General Plan: The General Plan establishes objectives and policies relating to Health and Education, including expanding the range of educational facilities, encouraging after-hours use of school facilities, and encouraging the construction of school facilities that are designed for flexibility and high levels of use.
 2. Development/Sustainable Community Plan: The site is in the Koolauoko Sustainable Communities Plan (KSCP), in an area designated as "institutional" and within the Urban Community Boundary of Kailua on the KSCP Land Use Map, which supports public education institutions. The KSCP also establishes policies to protect open space and wetlands, and encourages adaptive upgrades to existing educational facilities.
 3. LUO: The proposed use is considered a public use and structure for purposes of the LUO. Public uses and structures are permitted in all zoning districts. A portion of the Project is within the P-1 Restrictive Preservation District. The State Land Use Commission determined that the Project is entirely within the Urban District; therefore, pursuant to LUO Section 21-3.40(d), uses, structures, and development standards shall be as those specified by for the P-2 General Preservation District.
- E. Agency Comments: The SMA Permit Application (Final EA dated May 2016), was transmitted to various public agencies. There were no agency objections to the proposal; relevant comments are addressed under the Analysis section of this report.
- F. Other Permits and Approvals: The Project will require building permits, street usage permits, construction plan approvals, grading, grubbing, stockpiling, and sign permits.
- G. Public Hearing and Community Comments: Upon acceptance of the SMA permit application, Public Hearing notices were sent to various community organizations, public officials, the Kailua Neighborhood Board No. 31, and property owners within 300 feet of the Project.

The DPP held a Public Hearing on the SMP on July 12, 2016, at the Kailua District Park. The Agent, Mr. Lance Fukumoto, was present to represent the Applicant; about 10 members of the public attended, and three individuals presented oral testimony. The Agent gave a brief presentation, after which public testimony was taken. Two testifiers

supported the Project, none opposed the Project, and the other testifier took no clear position on the Project. The public testimony is summarized here:

1. Support: Those who supported the project expressed simply that they support the improvements to the school's facilities, and that the students deserved to have a better field.
2. Other: Ms. Judith Mick testified concerns over digging into the hillside. She said that it was solid rock, and would not be easy to grade the field into the hillside.

Mr. Lance Fukumoto, the Agent, responded to the testimony about digging into the hillside, saying that the proposed expansion was minor, and would only extend a few feet into the hillside. The retaining wall proposed is only about four feet tall. He did not think there would be an issue with the grading.

III. ANALYSIS

The Project was analyzed in accordance with the objectives, policies, and guidelines established in Sections 25-3.1 and 25-3.2, ROH, as well as Sections 205A-2 and 205A-26, HRS.

- A. Coastal Hazards: The site is located over a mile from Kailua Beach and about 500 feet from the Kawainui Marsh and stream, which eventually flows to the coast. The Project is not susceptible to coastal hazards or flooding; however, the Project is partially within the extreme tsunami evacuation zone. This does not impact the development potential of the parcel.
- B. Alteration to Land Forms: The Project will have minimal impact on surrounding land forms. The site has already been developed and is graded, but a small expansion into the hillside will have a minor impact on scenic resources. However, this portion of the Project is not within the SMA. The expansion into the hillside is the minimal required to improve the community's recreational resources.
- C. Drainage: Except for a new swale along the west end of the field that will intercept some overland flow from the steep hillside, the existing drainage pattern will be retained. The slight change in drainage pattern will direct stormwater flow to designated discharge points, and will reduce the stormwater infiltration by the field. The change is not expected to impact the Kawainui Marsh. Compliance with best management practices (BMP) for low impact development will be required when the construction and grading plans are submitted to the Department of Planning and Permitting (DPP) for review and approval.

The Applicant should be aware that the City and County of Honolulu is proposing to adopt new Rules Relating to Water Quality ("Rules"), which will replace the existing Rules Relating to Soil Erosion Standards (1999) and Section II, Standards for Storm Water Quality, of the Rules Relating to Storm Drainage Standards (2000, as amended). All construction and building plans shall conform to the applicable standards at the time of development permit review. This should be a condition of this approval.

- D. Solid and Liquid Waste Disposal:
1. Solid Waste: The Project is not expected to have any impact on solid waste production or disposal.
 2. Liquid Waste: The Project is not expected to have any impact on liquid waste disposal at the site.
- E. Water Resources: There are no flowing streams or open bodies of water on the site. There are no sources beneath the Project site or in the immediate vicinity that provide domestic water supply to the Board of Water Supply. No watershed, underground aquifer, or surface water feature will be affected by the Project.
- F. Near Shore Water Quality: Runoff from the development should not affect water quality or aquatic resources of the ocean or nearby water resources. The Applicant states that runoff during construction will be minimized by implementing BMP in accordance with the Project design plans and applicable regulations, to prevent pollutants from entering groundwater, coastal waters, or other nearby water resources. Furthermore, the Applicant will be required to comply with the prevailing stormwater quality standards, and this will be ensured when the construction and grading plans are submitted to DPP for review and approval.
- G. Coastal Ecosystems: The Applicant indicates that there are no known threatened or endangered flora or fauna observed on the site; however, the United States Department of the Interior, Fish and Wildlife Service (USFWS), indicates that the federally endangered Hawaiian stilt and Hawaiian common moorhen, and other Hawaiian seabirds occur within the vicinity of the Project area. Therefore, as a condition of approval, all artificial lighting should be shielded to ensure that lighting and light spillages are not directed toward the ocean.
- H. Recreational Resources and Shoreline Access: The Project site is not near any shoreline, and will not adversely affect access to any public shoreline or recreation area. All improvements will be within the Project site. Public access to the shoreline and recreational resources will not be impacted.
- I. Historic and Cultural Resources: Being that the site has been occupied as an athletic field for some time, the Project area has been mostly graded and is disturbed; however, ancestral bones or other archaeological sites may be encountered during any ground disturbances needed to expand the field, install the bleachers, or install the drainage and irrigation system. If burials, artifacts, or archaeological sites are encountered, work shall stop immediately and the State Historic Preservation Division will be contacted. This is imposed as a condition of approval.
- J. Consistency with Land Use Plans and Zoning: The KSCP sets forth public facilities and infrastructure policies and principals specifically related to schools and public facilities. Specifically, the KSCP promotes the development and use of athletic fields where the joint use of such facilities will maximize use and reduce duplicative functions without compromising school programs. The Project will expand the field such that it will meet

the standard field size for both soccer and football. The Project is an accessory to the school, which is a Public Use. Public Uses and their accessories are permitted within P-2 General Preservation and R-7.5 General Preservation Districts.

- K. Scenic and Open Space Resources: The Coastal Views Study (Study), prepared in 1987, inventories continuous, intermittent, and significant views of the coast from roadways and public viewing areas. Additionally, the Study identifies important coastal land forms and open spaces. The Study identifies views and scenic resources that should be protected. The Project site is not located along a coastal roadway or within a significant stationary view. The Project will not impact any coastal views or resources identified in the Study.

KSCP recognizes the importance of open space, wetlands, parks, and nature preserves. The nearby Kawainui Marsh is indicated as an important open space and wetland in the area. The KSCP prohibits the encroachment or intensification of residential or urban uses near nature parks. The Project is across a major roadway from the marsh, and is a relatively minor expansion of the existing use; therefore, the Project is not expected to impact the nearby marsh.

- L. Consistency with Land Use Plans and Zoning: The KSCP sets forth public facilities and infrastructure policies and principals specifically related to schools and public facilities. Specifically, the KSCP promotes the development and use of athletic fields where the joint use of such facilities will maximize use and reduce duplicative functions without compromising school programs. The Project will expand the field such that it will meet the standard field size for both soccer and football. The Project is an accessory to the school, which is a Public Use. Public Uses and their accessories are permitted within P-2 General Preservation and R-7.5 General Preservation Districts. Compliance with the LUO requirements will be confirmed during the processing of building permits.

IV. CONCLUSIONS OF LAW

The proposed development was reviewed under the provisions of Sections 25-3.1 and 25-3.2, ROH, and Sections 205A-2 and 205A-26, HRS, and found to be consistent with established SMA objectives, policies, and guidelines. Based on the analysis, the proposed grading, reconstruction, and expansion of the existing field, as well as construction of new bleachers, walkways, drainage improvements, irrigation systems, retaining walls, and other appurtenant improvements will not adversely impact the SMA resources.

V. RECOMMENDATION

It is recommended that the application for a Special Management Area (SMA) Use Permit be APPROVED, subject to the following conditions:

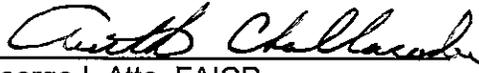
- A. Construction of the new expanded athletic complex shall be in general conformity with the Project as described in the Report and Recommendation of the Director of the Department of Planning and Permitting (DPP), referenced herein, and the plans attached hereto as Exhibits A through I. Any changes in the size or nature of the

approved Project which have a significant effect on coastal resources addressed in Chapter 25, Revised Ordinances of Honolulu (ROH), and/or Chapter 205A, Hawaii Revised Statutes (HRS), shall require a new application and permit. Any changes which do not have a significant effect on coastal resources shall be considered minor modifications and therefore permitted under this resolution, upon review and approval by the Director of the DPP.

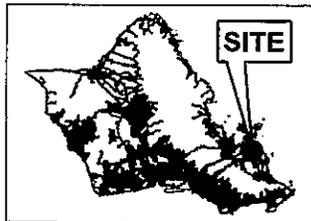
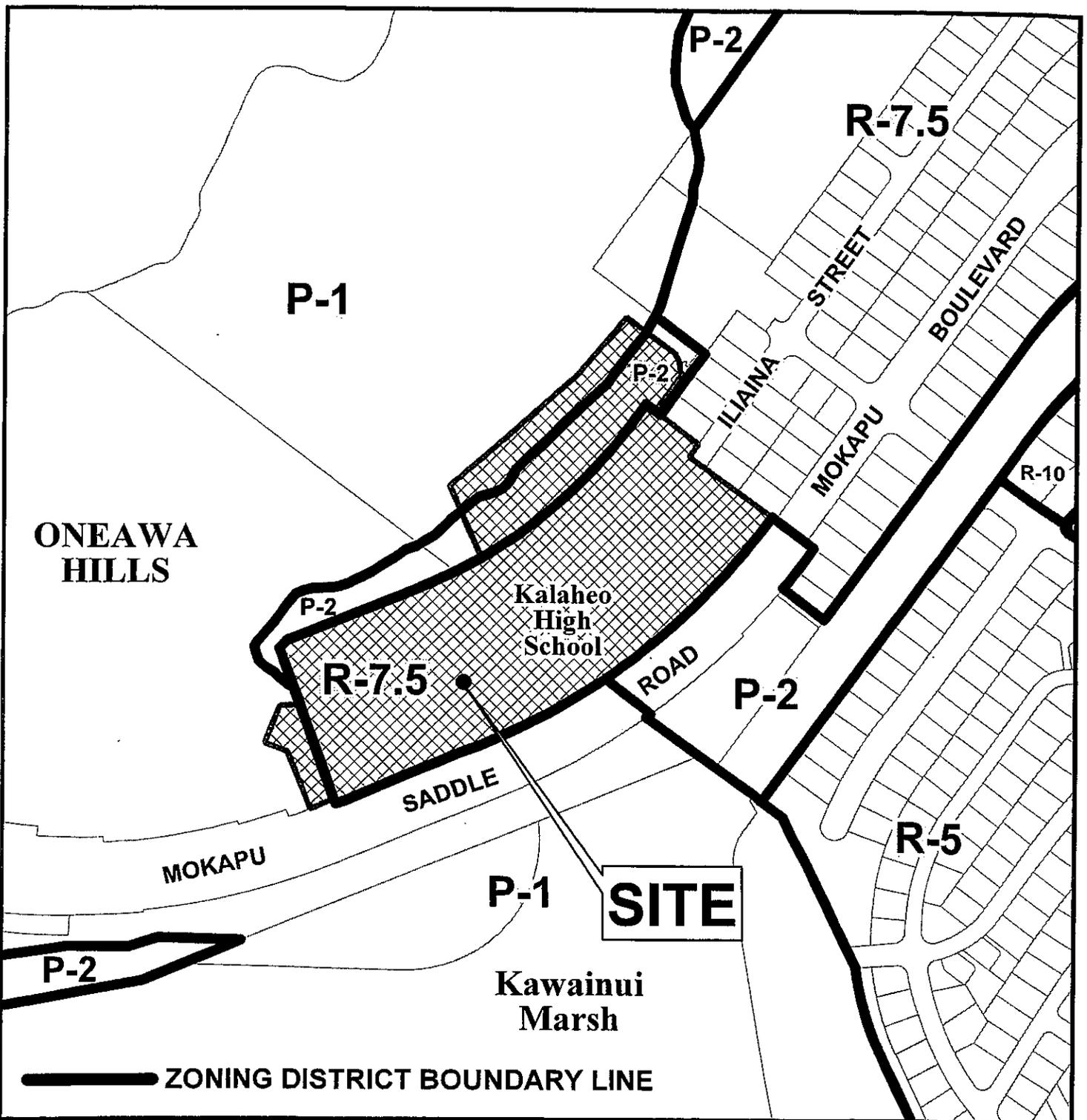
- B. The construction and building plans shall comply with the applicable Rules Related to Water Quality, Soil Erosion, and/or Storm Drainage Standards at the time of the permit application.
- C. In the event that subsurface historic resources, including human skeletal remains, structural remains, cultural deposits, artifacts, sand deposits, or sink holes are identified during the demolition and/or construction activities, all work shall cease in the immediate vicinity of the find. The Applicant shall protect the find from additional disturbance and contact the Department of Land and Natural Resources, State Historic Preservation Division (SHPD) immediately. Without any limitation to any other condition found herein, if any burials or archaeological or historic sites are discovered during the course of construction of the Project, all construction activity in the vicinity of the discovery shall stop until the issuance of an archaeological clearance from the SHPD states that mitigation measures have been implemented to its satisfaction.
- D. Artificial light from exterior light fixtures, including, but not necessarily limited to floodlights, uplights, or spotlights used for decorative or aesthetic purposes, shall be prohibited if the light directly illuminates or is directed to project across property boundaries toward the shoreline and ocean waters, except as may otherwise be permitted pursuant to Section 205A-71(b), HRS.
- E. Approval of this Special Management Area Use Permit does not constitute compliance with other Land Use Ordinance (LUO) or governmental requirements, including building permit approval. They are subject to separate review and approval. The Applicant will be responsible for insuring that the final plans for the Project approved under this permit comply with all applicable LUO and other governmental provisions and requirements.

Dated at Honolulu, Hawaii, this 5th day of August, 2016.

Department of Planning and Permitting
City and County of Honolulu
State of Hawaii

By 
~~150~~ George I. Atta, FAICP
Director

Attachments



400 200 0 400



Scale in Feet

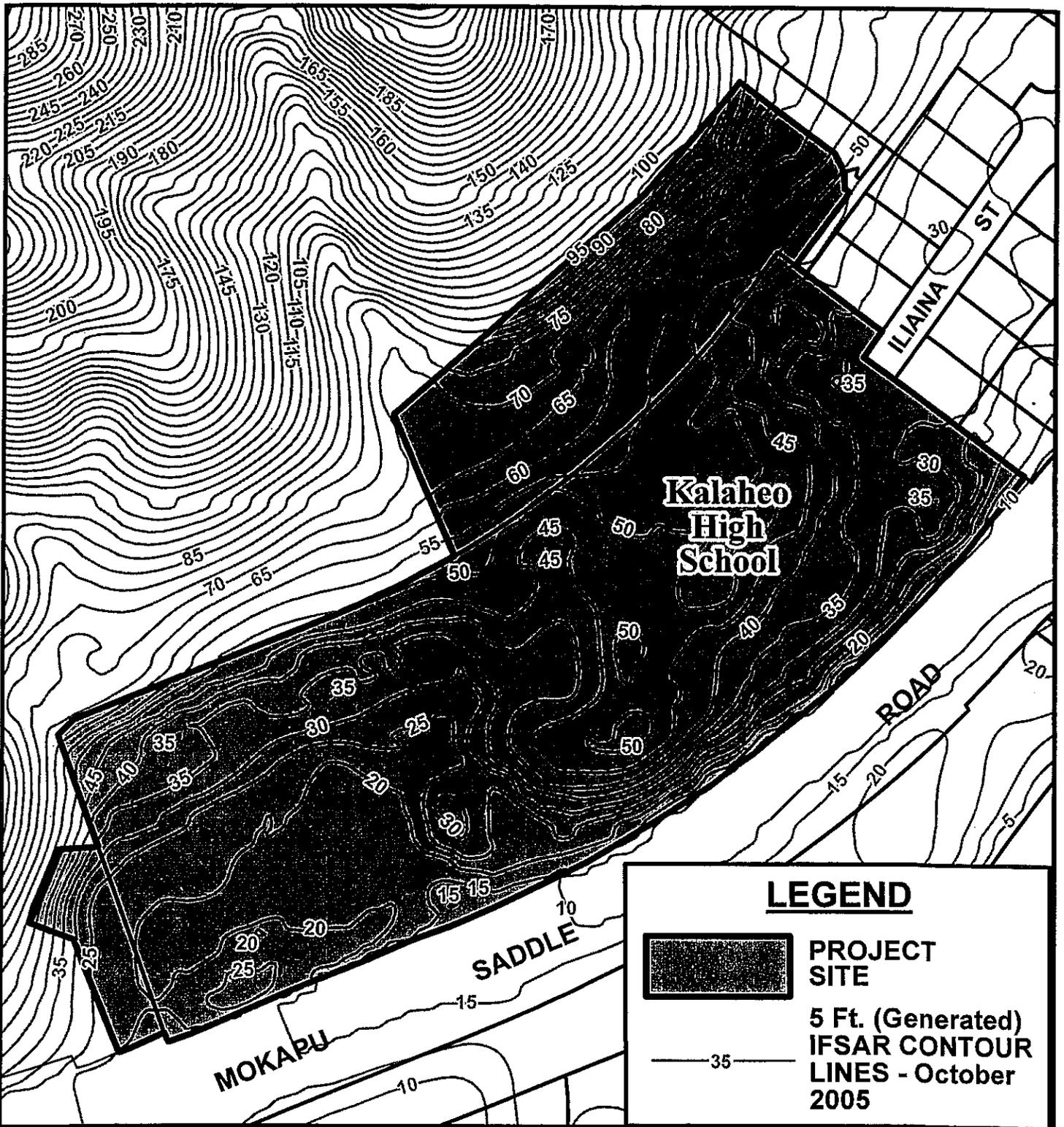


VICINITY MAP

PORTION OF
ZONING MAP Exhibit A
KAILUA-LANIKAI-KEOLU

TAX MAP KEY(S): 4-4-34: 24, 28 & 29

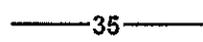
FOLDER NO.: 2016/SMA-34



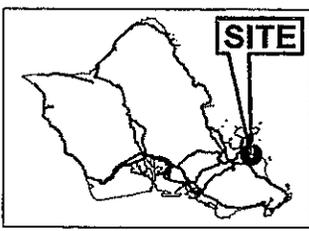
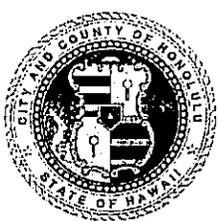
LEGEND



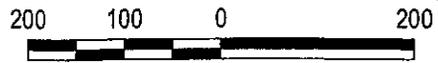
PROJECT SITE



5 Ft. (Generated) IFSAR CONTOUR LINES - October 2005



VICINITY MAP



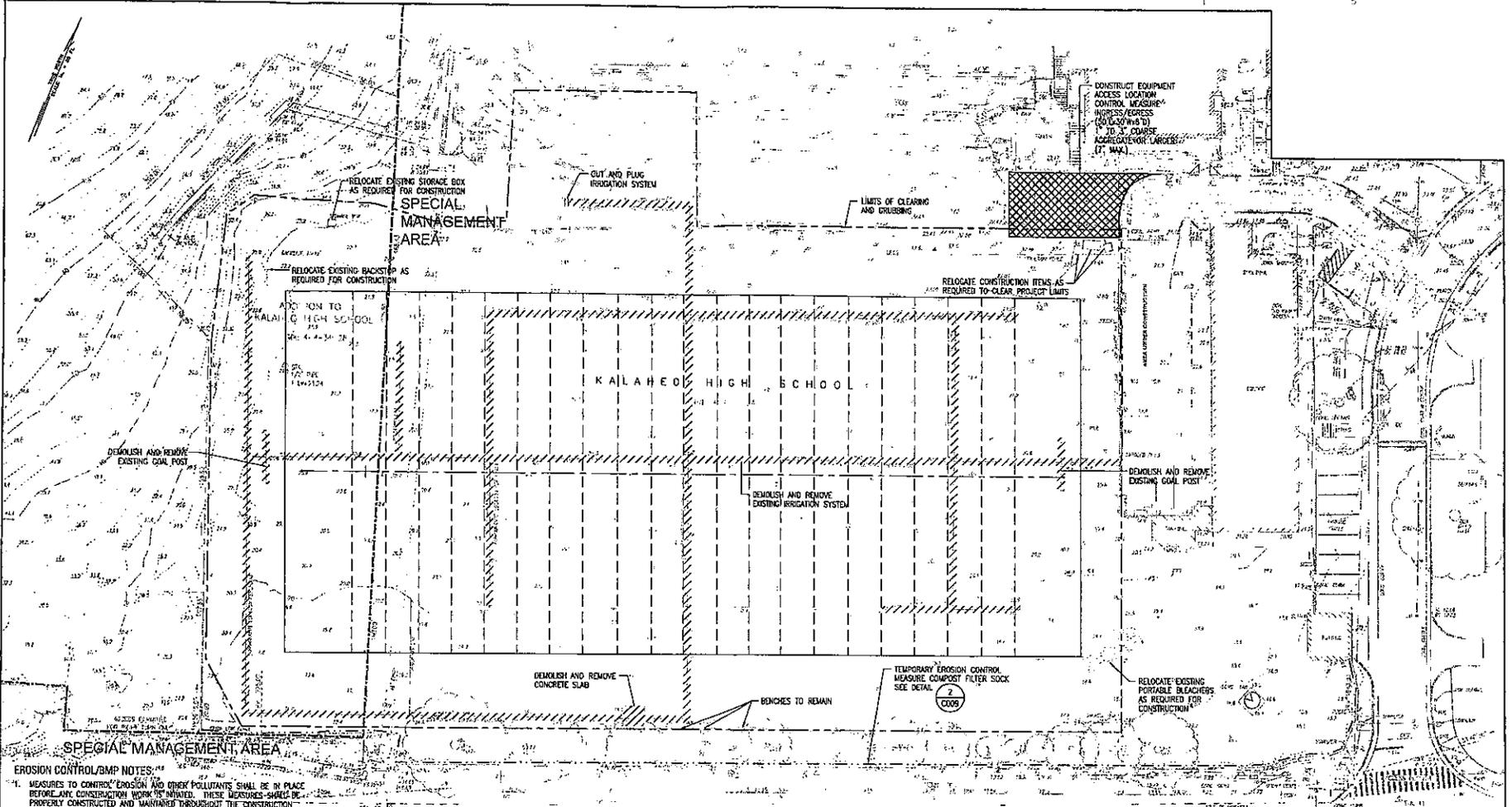
Scale in Feet



PORTION OF **Exhibit B**
TOPOGRAPHIC MAP
KAILUA

TAX MAP KEY(S): **4-4-34: 24, 28 & 29**

FOLDER NOs.: **2016/SMA-34**



- EROSION CONTROL/DMP NOTES:**
- MEASURES TO CONTROL EROSION AND OTHER POLLUTANTS SHALL BE IN PLACE BEFORE ANY CONSTRUCTION WORK IS INITIATED. THESE MEASURES SHALL BE PROPERLY CONSTRUCTED AND MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD. REFER TO MANUFACTURERS RECOMMENDATIONS AND "CITY AND COUNTY OF HONOLULU STORM WATER BEST MANAGEMENT PRACTICE MANUAL", NOVEMBER 2011 FOR GUIDANCE ON INSTALLATION AND MAINTENANCE. IN THE EVENT OF A CONFLICT BETWEEN MANUFACTURERS RECOMMENDATIONS AND THE MANUAL, THE MORE STRINGENT GUIDELINES SHALL GOVERN.
 - INSTALL CONSTRUCTION ACCESS AT INGRESS/EGRESS ASSE, AS SHOWN ON THIS SHEET.
 - CONSTRUCTION ACCESS SHALL BE PROVIDED BY THE CONTRACTOR TO PREVENT ANY MUD, DIRT, ROCK OR SEDIMENT FROM BEING TRACKED OFF-SITE.
 - THIS SHEET SHOWS THE MINIMUM CONTROL MEASURES THAT SHALL BE INSTALLED. INSTALL ADDITIONAL MEASURES AS NECESSARY TO PREVENT SEDIMENT LOADED RUNOFF FROM LEAVING THE SITE.
 - ALL CONTROL MEASURES SHALL BE CHECKED AND REPAIRED AS NECESSARY.
 - ALL STORM DRAIN INLETS THAT MAY RECEIVE RUNOFF AS A RESULT OF THE CONSTRUCTION WORK SHALL USE AN INLET FILTER DEVICE. INLET FILTERS SHALL BE INSTALLED ONE DAY PRIOR TO CONSTRUCTION AS SHOWN AND REMAIN UNTIL ONE DAY AFTER COMPLETION OF CONSTRUCTION WORK. CONTRACTOR SHALL PERIODICALLY INSPECT INLET FILTERS, ESPECIALLY DURING HEAVY RAINFALL, TO ENSURE DRAINAGE THROUGH MATERIAL IS MAINTAINED.
 - AT THE END OF THE CONSTRUCTION OPERATIONS, EXISTING STORM DRAIN INLETS SURROUNDING THE PROJECT SITE SHALL BE INSPECTED AND ANY ACCUMULATED SEDIMENT AND DEBRIS FOUND IN THE STORM DRAIN INLETS SHALL BE REMOVED. FLUSHING INTO THE STORM DRAINS IS PROHIBITED.
 - GOOD HOUSEKEEPING SHALL BE UTILIZED TO ENSURE PROTECTION OF ROADWAYS FROM MUD, DIRT, AND DEBRIS. INSPECT ALL EROSION CONTROL MEASURES WEEKLY AND AFTER SIGNIFICANT STORM EVENTS TO REMOVE SEDIMENT ACCUMULATION.
 - ANY DIRT OR GRASSED AREA DISTURBED SHALL BE RESTORED BY SEEDED HYDR-MULCH. CONTRACTOR TO ENSURE GRASS IS FULLY ESTABLISHED.
 - CONTRACTOR SHALL OBSERVE AND COMPLY WITH THE STATE DEPARTMENT OF HEALTH REGULATIONS REGARDING STORM WATER DISCHARGE.

- NOTES:**
- IF THERE ARE ANY QUESTIONS AS TO AN ITEMS REMOVAL, THE CONTRACTOR IS TO CONTACT THE CONTRACTING OFFICER IMMEDIATELY BEFORE ANY ACTION IS TAKEN.
 - SAVAGE ALL SPRINKLER HEADS AS DIRECTED BY THE CONTRACTING OFFICER.
 - CONTRACTOR SHALL LOCATE EXISTING IRRIGATION LINES WITHIN THE CONTRACT ZONE LIMITS AND IDENTIFY LINES FOR REMOVAL. PRIOR TO DEMOLITION CONTRACTOR SHALL OBTAIN APPROVAL FROM THE CONTRACTING OFFICER.

LEGEND:

- EROSION CONTROL MEASURE COMPOST FILTER SOCK SEE DETAIL (2) C009
- LIMITS OF CLEARING AND GRUBBING
- /// DEMOLISH AND REMOVE

APPROVAL:

CHIEF, CIVIL ENGINEERING BRANCH, DPP
CITY AND COUNTY OF HONOLULU

EXISTING SITE, DEMOLITION, AND EROSION CONTROL PLAN

SCALE: 1"=20'-0" 0 20' 40' 60'

REVISION NO.	DATE	DESCRIPTION	BY	DATE	APPROVED

DEPARTMENT OF EDUCATION
STATE OF HAWAII

KALAHAO HIGH SCHOOL
ATHLETIC FIELD IMPROVEMENTS
MOLOKAU, HAWAII, 96768

**EXISTING SITE, DEMOLITION,
AND EROSION CONTROL PLAN**

FLUORINAGA & ASSOCIATES, INC.
DESIGNED BY: JLM
CHECKED BY: JLM
DATE: 09/20/15

DATE: MAY 2016

SCALE: AS NOTED

THE JOB NO.
096501-15

ISSUE NO.
1

SHEET NO.
21

TOTAL SHEETS
21

C003

PROJECT: 03/21/15 Kalahao High School Athletic Field Improvements/C003-21/2016
 DATE: 05/17/2016 12:55:00 PM by JLM
 LAST PLOT: 05/17/2016 12:55:00 PM

DEPARTMENT OF EDUCATION KALAEHO HIGH SCHOOL ATHLETIC FIELD IMPROVEMENTS SITE PLAN	
PROJECT NO. 09A001-13 DATE 05/27/2014 DRAWN BY JON CHECKED BY JM DESIGNED BY JM PROJECT NO. 09A001-13 DATE 05/27/2014 DRAWN BY JON CHECKED BY JM DESIGNED BY JM PROJECT NO. 09A001-13 DATE 05/27/2014 DRAWN BY JON CHECKED BY JM DESIGNED BY JM	004 PROJECT NO. 09A001-13 DATE 05/27/2014 DRAWN BY JON CHECKED BY JM DESIGNED BY JM

SITE PLAN
 SCALE: 1"=20'-0"
 0 20' 40' 60'

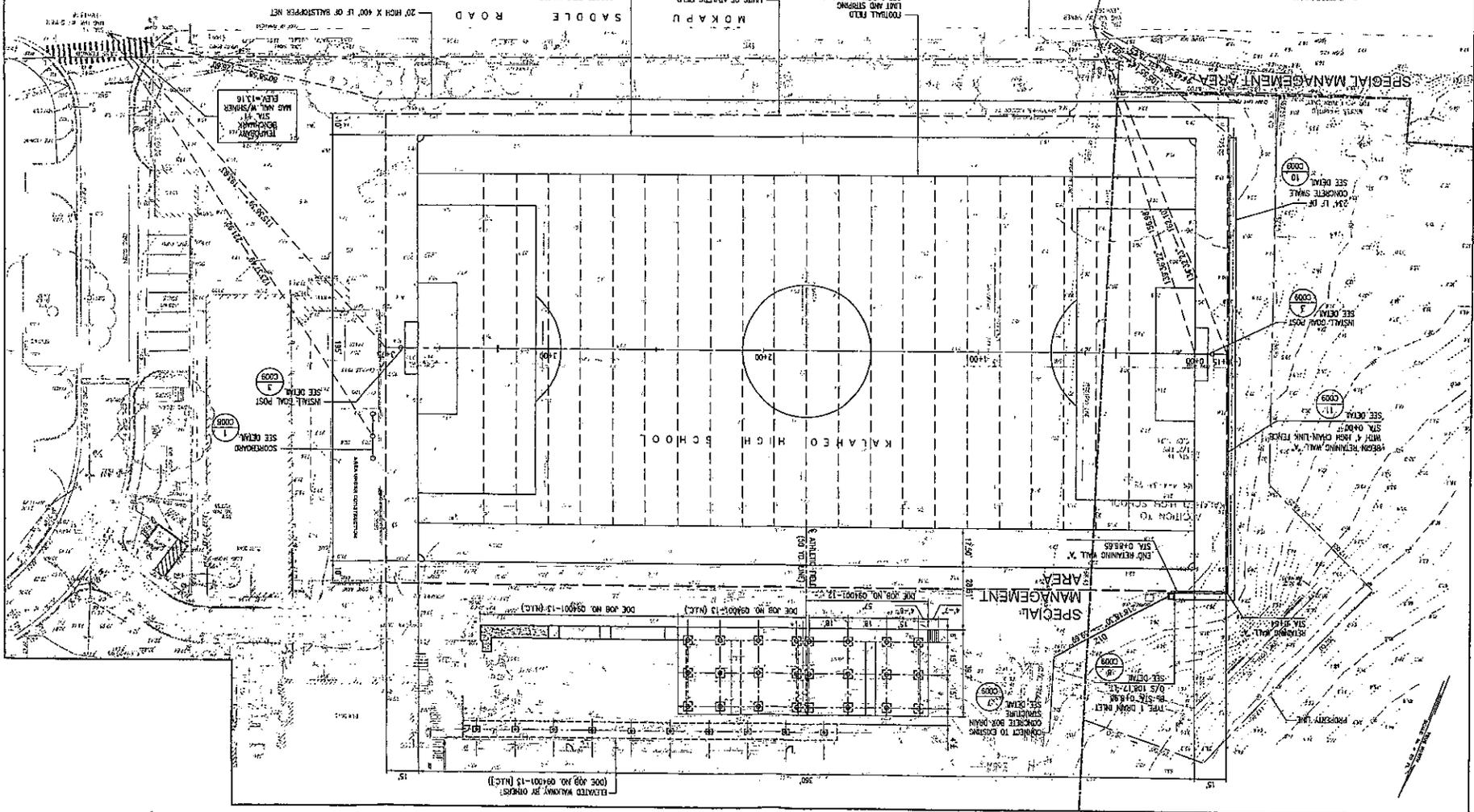
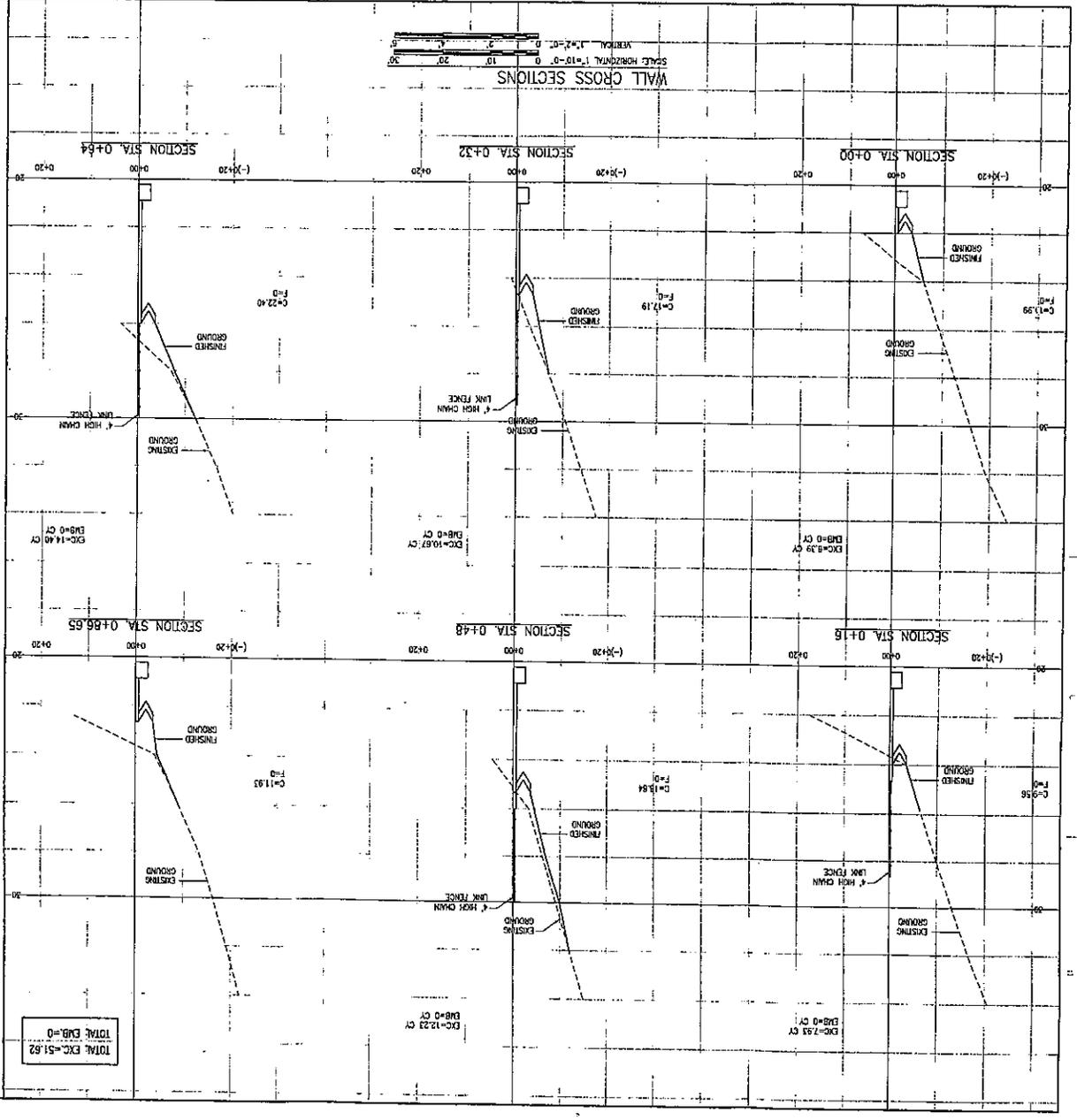


Exhibit D

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 User: jon
 Plot Date: 5/27/2014 4:32:32 PM

AS PREPARED BY THE ARCHITECT, THESE DRAWINGS SHALL BE USED FOR THE CONSTRUCTION OF THE PROJECT. THE ARCHITECT SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OF THE DATA PROVIDED BY OTHER SOURCES. THE USER SHALL BE RESPONSIBLE FOR VERIFYING THE DATA AND FOR THE PROPER USE OF THE DRAWINGS.



WALL CROSS SECTIONS AND PROFILE

ATHLETIC FIELD IMPROVEMENTS
KAYAKED HIGH SCHOOL

PLANNING & ASSOCIATES, INC.
1000 W. 10TH ST., SUITE 100
DENVER, CO 80202-1112
TEL: 303.733.1111
FAX: 303.733.1112

DATE: MAY 2014
PROJECT NO: 0007

APPROVAL:

CITY AND COUNTY OF HONOLULU
CHIEF CIVIL ENGINEERING DIVISION
DATE: _____

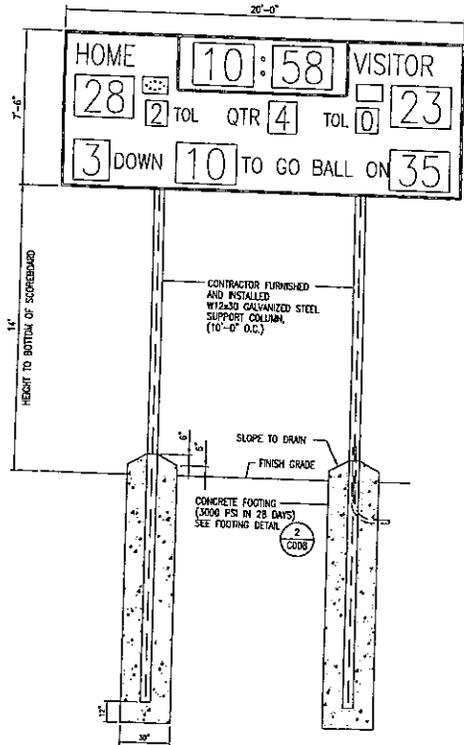
WALL PROFILE

SCALE: HORIZONTAL 1"=10'-0"
VERTICAL 1"=2'-0"

DEPARTMENT OF EDUCATION
STATE OF HAWAII

REVISION NO. DATE APPROVED

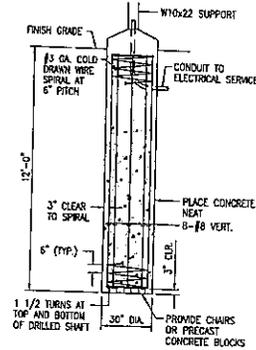
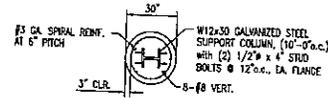
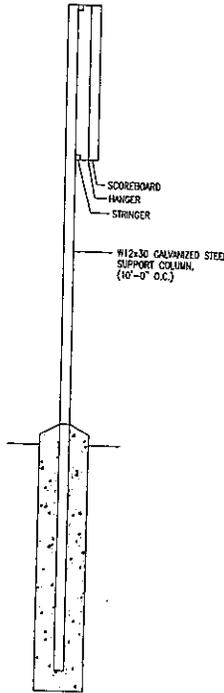
Exhibit E



SCOREBOARD NOTES:

1. CURRENT FOUNDATION DESIGN IS BASED ON FAIR-PLAY MODEL NO. FB-8120-2. CONTRACTOR SHALL SUBMIT INSTALLATION DETAILS FOR APPROVAL BY THE CONTRACTING OFFICER.
2. SCOREBOARD SHALL BE ETL LISTED. SCOREBOARD SHALL DISPLAY THE FOLLOWING INFORMATION: TIME, SCORE, DOWNS, YARDS TO GO, BALL LOCATION, QUARTERS AND TIME OUES. EQUIPMENT TO BE SOLID STATE ELECTRONIC TECHNOLOGY.
3. OVERALL CABINET SIZE SHALL BE 7 FEET 6 INCHES IN HEIGHT BY 20 FEET IN LENGTH BY 10 INCHES IN DEPTH INCLUDING MOUNTING BRACKETS AND CONSTRUCTED OF ALUMINUM. APPROXIMATE WEIGHT IS 500 POUNDS.
4. STRUCTURAL STEEL MATERIAL SHALL BE ASTM: A572 (50KSI) ROLLED W-SHAPE COLUMNS A36 CONNECTION MATERIAL AND STRIPPER PLATES A36 ROLLED SECTIONS AND PLATE
5. STRUCTURAL STEEL DETAILS, FABRICATION, AND SECTIONS SHALL CONFORM TO THE AISC "MANUAL OF STEEL CONSTRUCTION" LATEST EDITION, UNLESS OTHERWISE SHOWN OR SPECIFIED.
6. ALL STRUCTURAL TUBE ENDS TO BE COVERED WITH LIGHT GAGE END CAPS.
7. ALL NEW STEEL TO BE PRIMED AND PAINTED WITH AN APPROVED COLOR.
8. ALL WELDING SHALL BE DONE BY CERTIFIED WELDERS WITH EXPERIENCE AND CERTIFICATION IN THE TYPES OF WELDING CALLED FOR. CERTIFICATES SHALL BE NOT MORE THAN 6 MONTHS OLD AND SHALL BE THOSE ISSUED BY AN ACCEPTABLE TESTING AGENCY.
9. ALL WELDS SHALL BE E70XX ELECTRODES, AND SHALL BE PRIMED AND PAINTED WITH AN APPROVED COLOR.
10. UNLESS OTHERWISE NOTED, ALL WELDS SHALL BE CONTINUOUS 1/4" FILET WELDS. ALL FULL AND/OR PARTIAL PENETRATION WELDS SHALL BE FULLY DETAILED ON THE SHOP DRAWINGS.
11. COLOR OF SCOREBOARD AND TRIM SHALL BE AS DIRECTED BY CONTRACTING OFFICER.

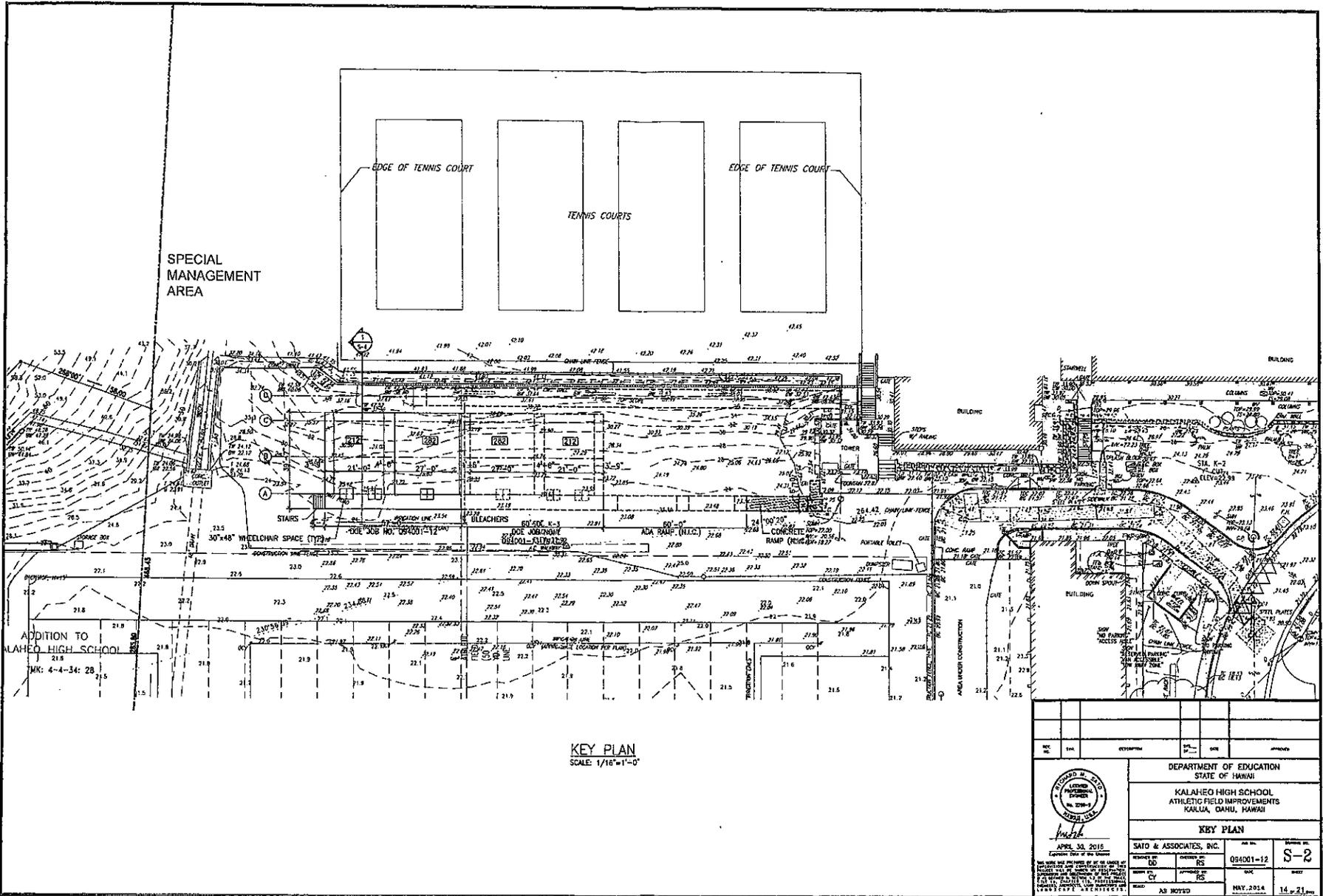
1 SCOREBOARD DETAIL
COOB / NOT TO SCALE



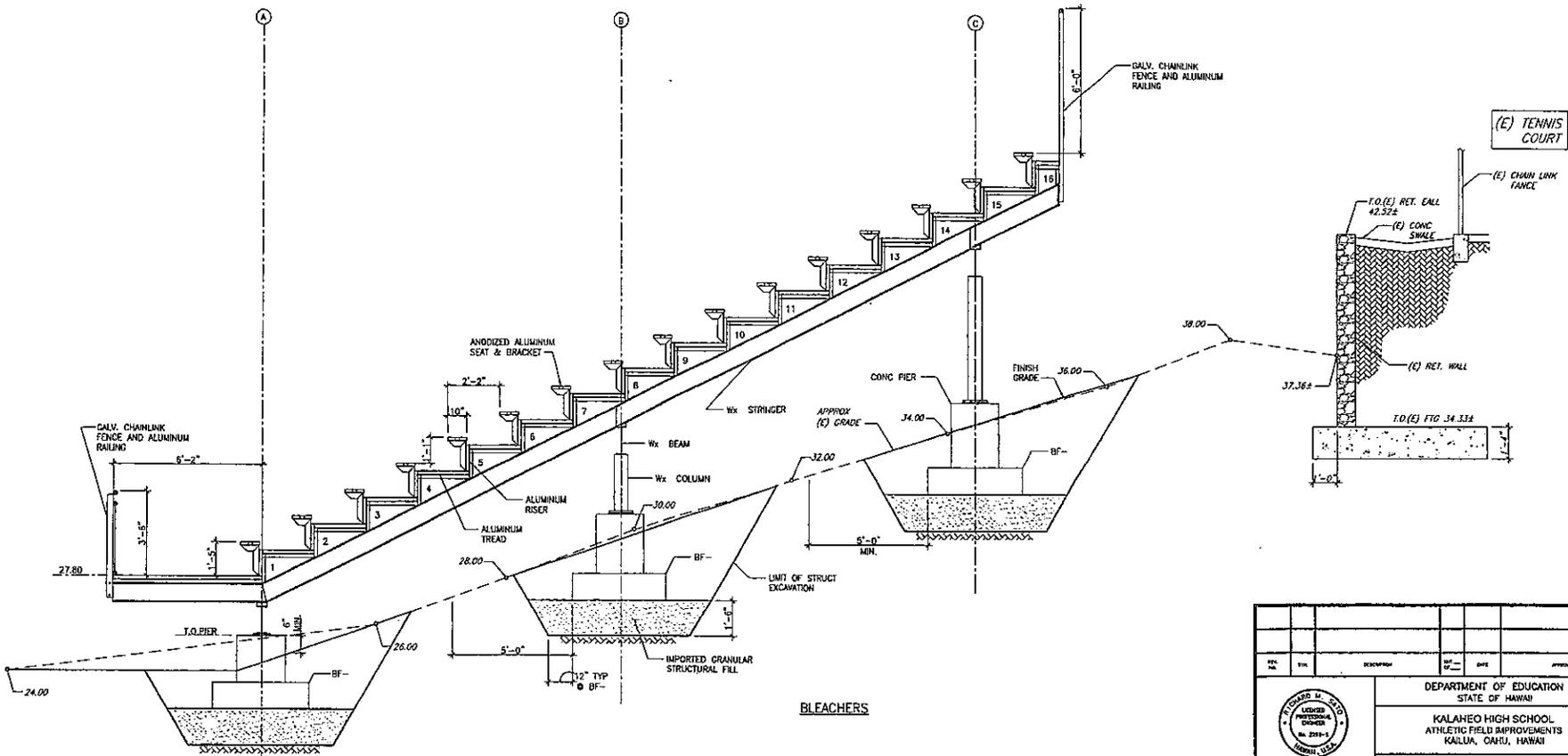
2 SCOREBOARD FOOTING DETAIL
COOB / NOT TO SCALE

ALL PROJECTS BY THE ARCHITECT ARE SUBJECT TO THE ARCHITECT'S GENERAL CONDITIONS OF CONTRACT, WHICH ARE AVAILABLE AT THE ARCHITECT'S OFFICE. THE ARCHITECT'S OFFICE IS NOT RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED IN THIS DOCUMENT. THE ARCHITECT'S OFFICE IS NOT RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION PROVIDED IN THIS DOCUMENT.

REVISION NO.	DATE	DESCRIPTION	BY	DATE	APPROVED
DEPARTMENT OF EDUCATION STATE OF FLORIDA KALAHED HIGH SCHOOL ATHLETIC FIELD IMPROVEMENTS PALMA, GULF, HILLS					
SCOREBOARD DETAILS					
FIRM: RUBINAGA & ASSOCIATES, INC. DESIGNED BY: JM DRAWN BY: TM		CHECKED BY: JM DATE: JUNE		DDC JOB NO.: 084001-12 SHEET NO.: 21 OF 21 SHEETS DATE: MAY 2014 SCALE: AS NOTED	
COOB					



Date: 05/01/2014 11:58:11 AM
 User: Sato & Associates, Inc.
 Project: Kalaeo High School Athletic Field Improvements
 Drawing: Key Plan



1 CROSS SECTION
1/2"=1'-0"

REV.	DATE	DESCRIPTION	BY	CHECKED	APPROVED
DEPARTMENT OF EDUCATION STATE OF HAWAII KALAHEO HIGH SCHOOL ATHLETIC FIELD IMPROVEMENTS KALAHA, OAHU, HAWAII					
SECTION AND DETAILS					
SAITO & ASSOCIATES, INC. APRIL 30, 2016 LEADER PROJECT NUMBER No. 2288-1 HAWAII, U.S.A. [Signature]			SHEET NO. 084001-12	SHEET S-4	DATE MAY 2014
THE OWNER HAS APPROVED BY AN ALLIANCE OF PROFESSIONALS AND CONSULTANTS THE DESIGN AND CONSTRUCTION OF THIS PROJECT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND STRUCTURES TO REMAIN. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AND SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL ADJACENT PROPERTIES.			PROJECT NO. 084001-12	DATE MAY 2014	SHEET S-4
SAITO & ASSOCIATES, INC. 1600 KALANANAKU AVENUE, SUITE 100 HONOLULU, HAWAII 96815 TEL: (808) 531-1111 FAX: (808) 531-1112 WWW.SAITOANDASSOCIATES.COM			PROJECT NO. 084001-12	DATE MAY 2014	SHEET S-4

Date Plotted: 13 May 2014 11:13 AM
 File Name: S:\10077\Calder\10077.dwg
 Plot Name: S:\10077\Calder\10077.dwg

IRRIGATION CONTROLLER (PEDESTAL MOUNT)
ELECTRICAL CONTRACTOR TO PROVIDE 120 VOLT
SERVICE TO WEATHERPROOF 1-BOX IN
PEDESTAL CABINET. SEE ELECTRICAL DRAWINGS
FOR LOCATION.

101,000 S.F.
TifGrand Bermuda Grass
STOLONS (PROVIDE 8" OF
AMENDED TOPSOIL)

IRRIGATION POINT OF CONNECTION
LOCATE AND CONNECT TO EXISTING
GATE VALVE. TO BE PROVIDED BY
SITEWORK SUBCONTRACTOR. SEE
CIVIL DRAWINGS FOR LOCATION.

LANDSCAPE PLAN
SCALE: 1"=20'-0"

REVISION NO.	DATE	DESCRIPTION	DESIGNED BY	CHECKED BY	APPROVED BY
			DEPARTMENT OF EDUCATION STATE OF FLORIDA KALAHOE HIGH SCHOOL ATHLETIC FIELD IMPROVEMENTS KALAHOE, FLORIDA		
LANDSCAPE PLAN			WALTERS MARSHALL MORTON, INC. DESIGNED BY: MN CHECKED BY: MN DATE: MAY 2014 SCALE: AS NOTED		
PROJECT NO.: 004001-12			SHEET NO.: L-1 OF 21 SHEETS		
DATE: MAY 2014			DRAWER: FOLEY		

P R O C E E D I N G S

1
2
3 HEARINGS OFFICER SHOJI: Good afternoon everyone.
4 My name is Joyce Shoji, and I am the hearings officer for
5 today's matter. Today we're conducting a public hearing in
6 accordance with Revised Ordinances of Honolulu Chapter 25,
7 related to the Special Management Area or SMA and Hawaii
8 Revised Statutes Chapter 205A related to Coastal Zone
9 Management. The purpose of today's hearing is to hear
10 testimony on an application for a SMA Major Permit, File
11 No. 2016/SMA-34. The request is to allow improvements to an
12 existing athletic complex at Kalaheo High School.
13 Development includes grading, reconstruction and expansion
14 of the existing athletic field, construction of new
15 bleachers, walkways, drainage improvements, irrigation
16 systems, retaining wall, and other appurtenant improvements.
17 Pursuant to Chapter 25 of the Revised Ordinances of
18 Honolulu: (1) All development in the SMA shall be subject
19 to reasonable terms and conditions to ensure that; 1)
20 adequate access is provided and properly located to publicly
21 owned or used beaches, recreation areas and natural
22 reserves; 2) that provisions are made for solid and liquid
23 waste treatment, disposition and management; and 3) that
24 alterations to land forms and vegetation and construction of
25 structures minimizes adverse effects to SMA resources, and

1 cause minimal potential danger relevant to natural
2 disasters. (2) No development in the SMA shall be approved
3 unless it is found that it will not have a substantial,
4 adverse environmental or ecological effect. Development
5 must be consistent with the Coastal Zone Management
6 objectives, the General Plan, the Development Plans and
7 Zoning. Lastly, the City Council shall seek to minimize,
8 where reasonable, altering any natural shoreline, any
9 development which would reduce the size of any beach or
10 public recreation area, any development which would reduce
11 or risk public access to shoreline resources, any
12 development which would substantially interfere the line of
13 sight towards the sea from the state highway, and any
14 development which would adversely affect water quality,
15 fishing grounds, wildlife habitats or agricultural uses.

16 No decision will be made here today. The purpose
17 of this public hearing is to take testimony from the public
18 so that you have impact on the Director's recommendation and
19 report as well as the City Council's decision-making when
20 they receive it. You will have an opportunity to continue
21 to provide testimony when the application goes to City
22 Council for the actual decision-making. Once we close this
23 public hearing, the Department will have 20 working days to
24 transmit its report and recommendation to the City Council.

25 All testimony received here is going to be part of

1 the record. It will be reflected in our report and
2 recommendation and a transcript of this hearing will be
3 attached to our transmittal to the City Council so that they
4 can consider what was heard today. If you have further
5 comments following the close of this public hearing, you may
6 still provide them directly to City Council. If you'd like
7 to submit your written comments to the Department of
8 Planning and Permitting, please submit them by Wednesday,
9 July 19th, 2016, which is a week from today.

10 This is the procedures for today's hearing. Alex
11 Beatty our staff planner will present the basic facts behind
12 the request, then the applicant will be allowed to describe
13 the project in greater detail, then we will take public
14 testimony. At the end of the testimony period, staff will
15 have an opportunity to ask questions about the proposal and
16 the applicant will have an opportunity to make a final
17 statement.

18 With that, I'll ask Alex to present the facts of
19 the project.

20 STAFF PLANNER BEATTY: Thank you, and thank you
21 all for being here. The applicant is seeking a Special
22 Management Area use permit to allow the expansion of an
23 existing athletic field at Kalaheo High School here in
24 Kailua. The project includes the construction of bleachers,
25 walkways, retention walls and other necessary improvements.

1 The project is expected to cost about \$1.5 million and will
2 take 1 to 2 years to complete. The site is about 3 acres in
3 area and is partially in the R-7.5 Residential and P-1
4 Restricted Preservation Districts. Adjacent and nearby uses
5 include single family residences, a meeting facility,
6 Kawainui Regional Park and marsh and other undeveloped lands
7 in the preservation district. The site is almost entirely
8 within the Special Management Area.

9 The proposed field renovations will include an
10 expanded regulation size athletic field, bleachers, a
11 four-foot-high retaining wall, ball stop nets, drainage and
12 irrigation improvements. If the permit is approved, the
13 Applicant may then proceed the planning for development
14 permits to begin construction. This concludes my portion of
15 the presentation.

16 HEARINGS OFFICER SHOJI: Thank you. Would the
17 applicant like to present more details of the project?

18 MR. FUKUMOTO: Hi. I'm Lance Fukumoto. I'm with
19 Fukunaga and Associates. We're the designer of the
20 improvements on behalf of Department of Education.

21 Basically the purpose of the project is to expand
22 the existing soccer field to meet national regulations.
23 Currently right now it's too short. So, we'll be expanding
24 the soccer field back--I'm not sure the exact dimensions but
25 a little bit further this way. In order to do that we'll

1 need to regrade and install a retaining wall along the edge
2 of the hillside over here. And the retaining wall will also
3 function as drainage improvements. There will be a swell
4 installed on top of the retaining wall, and it will drain
5 into this catch basin over here.

6 Other than that, there won't really be any new
7 structures, per se, except for athletic field facilities
8 like goal posts and ball stopper nets in addition to the
9 bleachers.

10 HEARINGS OFFICER SHOJI: Thank you. We'll start
11 public testimony. I don't have any registered speakers.
12 Would anyone like to speak on this project? Please state
13 your name for the record.

14 MS. MICK: Judy Mick. I'm just wondering if you're
15 going to make the field longer, right, not wider because I
16 think it is wide as it could possibly be. So, you're going
17 towards the Saddle Road, correct? The expansion area is
18 towards the Saddle Road?

19 MR. FUKUMOTO: No. Saddle Road is along here.
20 So--

21 HEARINGS OFFICER SHOJI: Okay. If you have any
22 questions, you can stay later and if you could answer
23 questions later. Right now we're taking testimony; right
24 now we're taking testimony.

25 MS. MICK: Okay. Well, if I understand correctly

1 where you're going to be expanding; my concern is going into
2 the hill itself as to how that kind of work is going to be
3 done. Because you're going into basically solid rock at
4 that end of the field, if I'm not mistaken. That's
5 information we have from the City and County with the
6 tunnel. Its been dug underneath. That's pretty much solid
7 volcanic rocks. So, that would be a concern of mines as to
8 how you're going to do deal with digging into that. It's
9 not just a soft hill. It's pretty hard.

10 HEARINGS OFFICER SHOJI: Okay. Thank you very
11 much. Anyone else wishing to testify? Again, if you have
12 any questions, you can ask him after the public hearing.
13 Okay.

14 MS. GARCIA: My name is Linn Garcia. I'd like to
15 support this project. We have three boys that went to
16 Kalaheo and played sports and the field is okay but it's not
17 really good, and we rely a lot on Kailua High School. So,
18 it would be really good to have our own field where we can
19 do our own thing on our own property. So, just a support
20 for the project.

21 HEARINGS OFFICER SHOJI: Thank you. Anyone else?
22 [no response] Okay. Thank you. The public testimony is
23 closed. Alex, do you have any questions for the Applicant?

24 STAFF PLANNER BEATTY: Not at this time.

25 HEARINGS OFFICER SHOJI: Thank you. With no

1 further questions--Oh, I'm sorry, do you have any final
2 statements? [referring to Mr. Fukumoto] Would you like to
3 address that question?

4 MR. FUKUMOTO: Yes.

5 HEARINGS OFFICER SHOJI: Okay. Please state your
6 name for the record.

7 MR. FUKUMOTO: My name is Lance Fukumoto, and I'm
8 with Fukunaga and Associates. We're the consultant for the
9 Department of Education for this project. The existing
10 field is maybe 'til about here. So, the amount that's going
11 to be digging into the hillside is minimal. Now, we don't
12 have a geotechnical report, you know, with borings for that
13 area. But the depth of excavation of the retaining wall is
14 expected to be no more than four-feet deep. So, we don't
15 expect it will be significant. However, that will be
16 addressed by the contractor.

17 HEARINGS OFFICER SHOJI: Thank you very much.
18 With no further comments or questions this public hearing is
19 closed. Thank you.

20 [The meeting was adjourned at approximately
21 1:48 p.m.]

22 --o0o--

23 Submitted by:

24 

25 Secretary-Hearings Reporter



RESOLUTION

GRANTING A SPECIAL MANAGEMENT AREA USE PERMIT FOR THE GRADING, RECONSTRUCTION, AND EXPANSION OF THE EXISTING ATHLETIC FIELD, AS WELL AS THE CONSTRUCTION OF NEW BLEACHERS, WALKWAYS, DRAINAGE IMPROVEMENTS, AN IRRIGATION SYSTEM, RETAINING WALLS, AND OTHER APPURTENANT SITE IMPROVEMENTS AT KALAHEO HIGH SCHOOL

WHEREAS, the Department of Planning and Permitting (DPP) on June 14, 2016, accepted the application of the State Department of Education (Duane Kashiwai), herein referred to as the "Applicant", for a Special Management Area (SMA) Use Permit for the grading, reconstruction, and expansion of the existing athletic field, as well as the construction of new bleachers, walkways, drainage improvements, an irrigation system, retaining walls, and appurtenant site improvements, on land in the R-7.5 Residential and P-1 Preservation Districts, located at 730 Iliaina Street, Kailua, Oahu as Tax Map Keys 4-4-34: 24 (por.) and 28, as shown on Exhibit A; Reference Number 2016/SMA-34; and

WHEREAS, on July 12, 2016, the DPP held a Public Hearing which was attended by about 10 members of the community, including the Agent of the Applicant and neighborhood residents; and

WHEREAS, on _____, within twenty (20) working days after the close of the Public Hearing, the DPP, having duly considered all evidence and reports of said Public Hearing and the review guidelines as established in Sections 25-3.1 and 25-3.2, Revised Ordinances of Honolulu (ROH), completed its report and transmitted its findings and recommendation of approval to the City Council; and

WHEREAS, the City Council, having received the findings and recommendations of DPP on _____, and at its meeting of _____, having duly considered all of the findings and reports on the matter, approved the subject application for an SMA Use Permit with the conditions enumerated below; now, therefore,

BE IT RESOLVED by the Council of the City and County of Honolulu that an SMA Use Permit be issued to the Applicant under the following conditions:

- A. Construction of the new expanded athletic complex shall be in general conformity with the Project as described in the Report and Recommendation of the Director of the Department of Planning and Permitting (DPP), referenced herein, and the plans attached hereto as Exhibits A through I. Any changes in the size or nature of the approved Project which have a significant effect on coastal resources addressed in Chapter 25, Revised Ordinances of Honolulu (ROH), and/or Chapter 205A, Hawaii Revised Statutes (HRS), shall require a new application



RESOLUTION

and permit. Any changes which do not have a significant effect on coastal resources shall be considered minor modifications and therefore permitted under this resolution, upon review and approval by the Director of DPP.

- B. The construction and building plans shall comply with the applicable Rules Related to Water Quality, Soil Erosion, and/or Storm Drainage Standards at the time of the permit application.
- C. In the event that subsurface historic resources, including human skeletal remains, structural remains, cultural deposits, artifacts, sand deposits, or sink holes are identified during the demolition and/or construction activities, all work shall cease in the immediate vicinity of the find. The Applicant shall protect the find from additional disturbance and contact the Department of Land and Natural Resources, State Historic Preservation Division (SHPD) immediately. Without any limitation to any other condition found herein, if any burials or archaeological or historic sites are discovered during the course of construction of the Project, all construction activity in the vicinity of the discovery shall stop until the issuance of an archaeological clearance from the SHPD states that mitigation measures have been implemented to its satisfaction.
- D. Artificial light from exterior light fixtures, including, but not necessarily limited to floodlights, uplights, or spotlights used for decorative or aesthetic purposes, shall be prohibited if the light directly illuminates or is directed to project across property boundaries toward the shoreline and ocean waters, except as may otherwise be permitted pursuant to Section 205A-71(b), HRS.
- E. Approval of this SMA Use Permit does not constitute compliance with other Land Use Ordinance (LUO) or governmental requirements, including building permit approval. They are subject to separate review and approval. The Applicant will be responsible for insuring that the final plans for the Project approved under this permit comply with all applicable LUO and other governmental provisions and requirements.
- F. **The Applicant shall obtain a development permit for the proposed development within two years of the date of this permit.** Failure to obtain a development permit within this period shall render this permit null and void, provided that this period may be extended as follows: The Director of the Department of Planning and Permitting may extend this period if the Applicant demonstrates good cause, but the period shall not be extended beyond one year from the initial deadline set by the City Council.



RESOLUTION

If the Applicant demonstrates good cause for an extension exceeding one year, the Director shall prepare and submit to the Council a report on the proposed extension, which report shall include the Director's findings and recommendations thereon. The Council may approve the proposed extension or an extension for a shorter or longer period, or deny the proposed extension, by adoption of a committee report or resolution. If the Council fails to take final action on the proposed extension within the first to occur of: (a) 60 days after receipt of the Director's report; or, (b) the Applicant's then-existing deadline for obtaining a building permit, the extension shall be deemed to be denied.

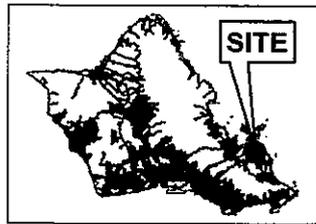
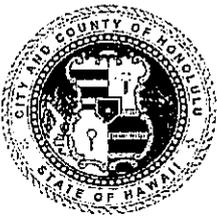
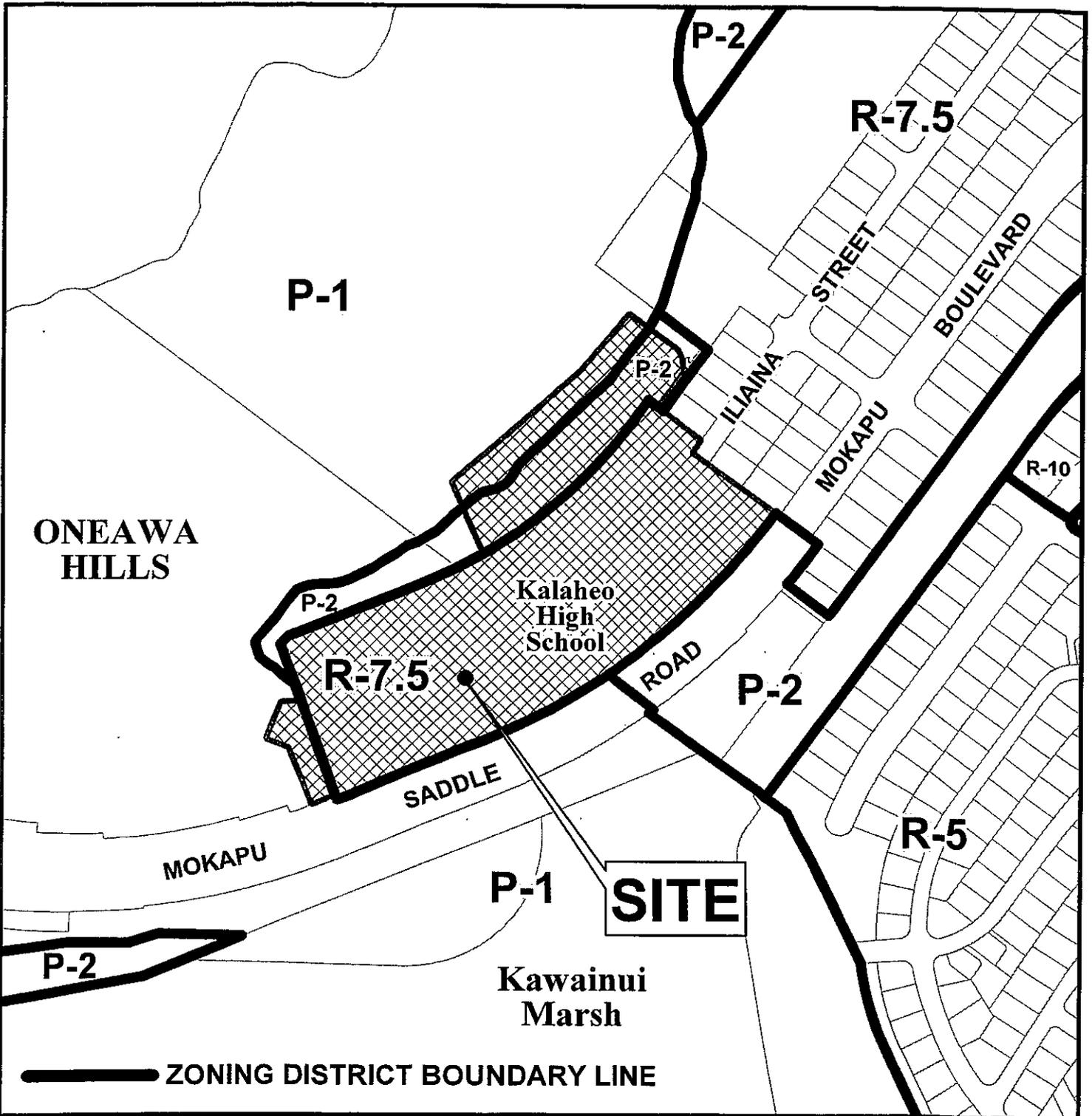
BE IT FINALLY RESOLVED by the Council of the City and County of Honolulu that the Clerk be and is directed to transmit copies of this resolution to George I. Atta, Director of the Department of Planning and Permitting, 650 South King Street, 7th Floor, Honolulu, Hawaii 96813; Duane Kashiwai, State Department of Education, P.O. Box 2360, Honolulu, Hawaii 96804; Lance Fukumoto, Fukunaga and Associates, Inc., 1357 Kapiolani Boulevard, Suite 1530, Honolulu, Hawaii; and Leo R. Asuncion, Jr., AICP, Director of the Office of Planning (Attention: Coastal Zone Management Branch), P.O. Box 2359, Honolulu, Hawaii 96804.

INTRODUCED BY:

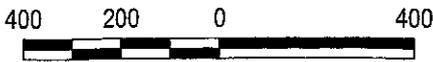
DATE OF INTRODUCTION:

Honolulu, Hawaii

Councilmembers



VICINITY MAP



Scale in Feet

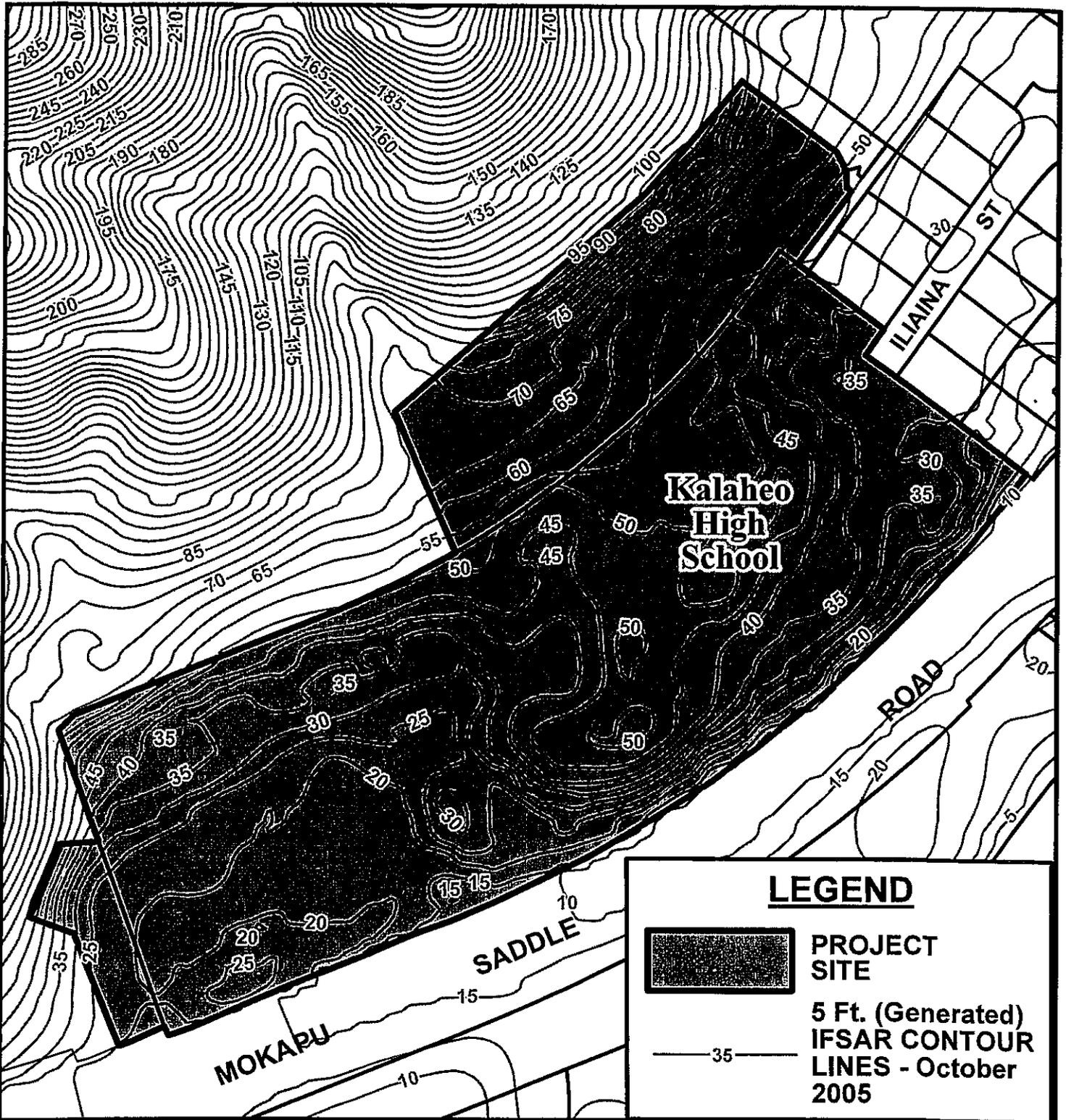
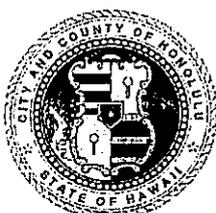
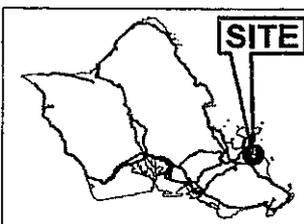


PORTION OF
ZONING MAP Exhibit A

KAILUA-LANIKAI-KEOLU

TAX MAP KEY(S): 4-4-34: 24, 28 & 29

FOLDER NO.: 2016/SMA-34

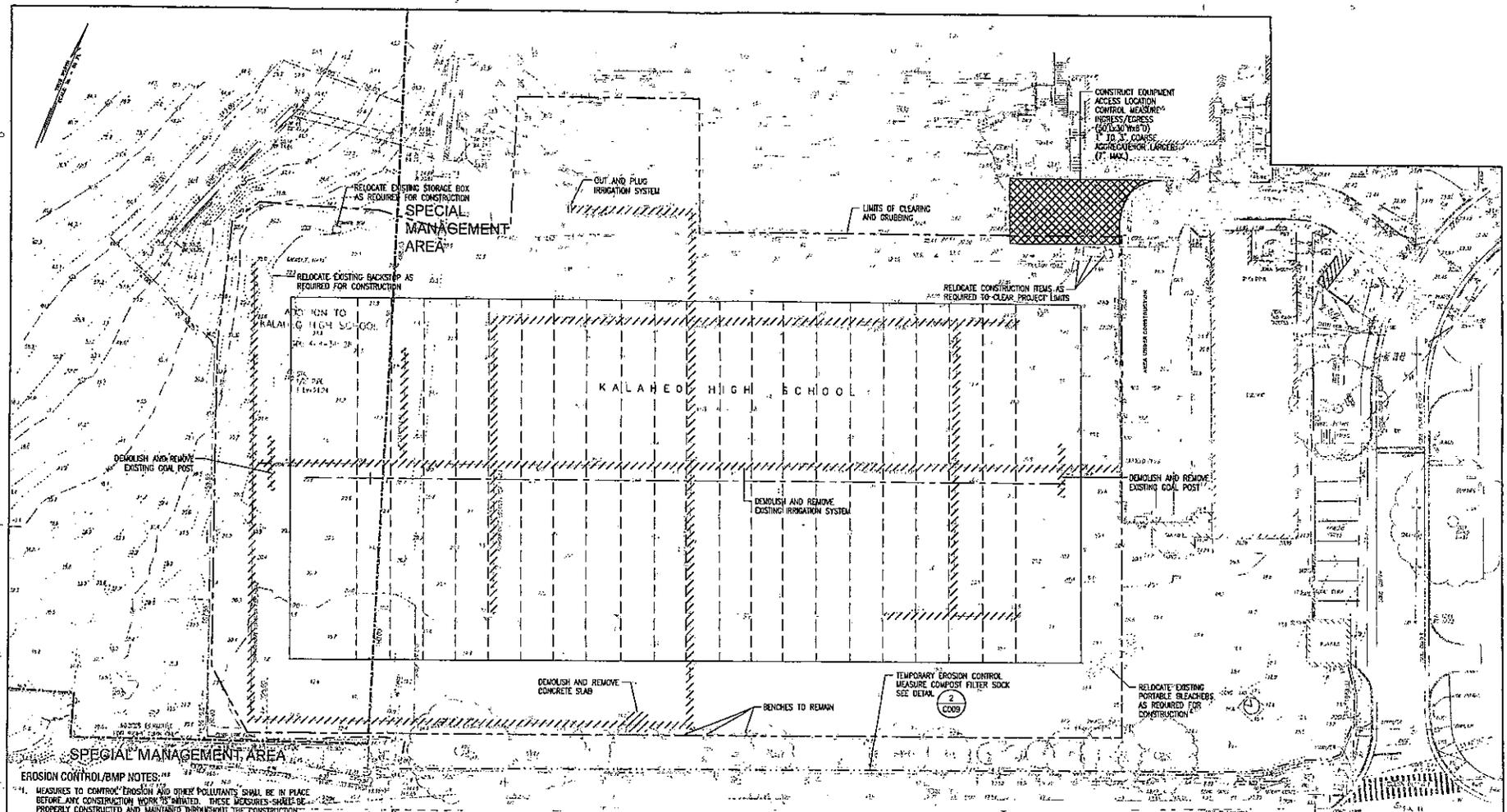
VICINITY MAP



Scale in Feet



Exhibit B
TOPOGRAPHIC MAP
KAILUA
 TAX MAP KEY(S): **4-4-34: 24, 28 & 29**
 FOLDER NOs.: **2016/SMA-34**



- EROSION CONTROL/BMP NOTES:**
- MEASURES TO CONTROL EROSION AND OTHER POLLUTANTS SHALL BE IN PLACE BEFORE ANY CONSTRUCTION WORK IS INITIATED. THESE MEASURES SHALL BE PROPERLY CONSTRUCTED AND MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD. REFER TO MANUFACTURERS RECOMMENDATIONS AND CITY AND COUNTY OF HONOLULU STORM WATER BEST MANAGEMENT PRACTICE MANUAL, NOVEMBER 2011 FOR GUIDANCE ON INSTALLATION AND MAINTENANCE. IN THE EVENT OF A CONFLICT BETWEEN MANUFACTURERS RECOMMENDATIONS AND THE MANUAL, THE MORE STRINGENT GUIDELINES SHALL GOVERN.
 - INSTALL CONSTRUCTION ACCESS AT INGRESS/EGRESS AS SHOWN ON THIS SHEET.
 - CONSTRUCTION ACCESS SHALL BE PROVIDED BY THE CONTRACTOR TO PREVENT ANY MUD, DIRT, ROCK OR SEDIMENT FROM BEING TRACKED OFF-SITE.
 - THIS SHEET SHOWS THE MINIMUM CONTROL MEASURES THAT SHALL BE INSTALLED. INSTALL ADDITIONAL MEASURES AS NECESSARY TO PREVENT SEDIMENT LOADS RUNOFF FROM LEAVING THE SITE.
 - ALL CONTROL MEASURES SHALL BE CHECKED AND REPAIRED AS NECESSARY.
 - ALL STORM DRAIN INLETS THAT MAY RECEIVE RUNOFF AS A RESULT OF THE CONSTRUCTION WORK SHALL USE AN INLET FILTER DEVICE. INLET FILTERS SHALL BE INSTALLED ONE DAY PRIOR TO CONSTRUCTION AS SHOWN AND REMAIN UNTIL ONE DAY AFTER COMPLETION OF CONSTRUCTION WORK. CONTRACTOR SHALL PERIODICALLY INSPECT INLET FILTERS, ESPECIALLY DURING HEAVY RAINFALL, TO ENSURE DRAINAGE THROUGH MATERIAL IS MAINTAINED.

- AT THE END OF THE CONSTRUCTION OPERATIONS, EXISTING STORM DRAIN INLETS SURROUNDING THE PROJECT SITE SHALL BE INSPECTED AND ANY ACCUMULATED SEDIMENT AND DEBRIS FOUND IN THE STORM DRAIN INLETS SHALL BE REMOVED, FLUSHING INTO THE STORM DRAINS IS PROHIBITED.
- GOOD HOUSEKEEPING SHALL BE UTILIZED TO ENSURE PROTECTION OF ROADWAYS FROM MUD, DIRT, AND DEBRIS. INSPECT ALL EROSION CONTROL MEASURES WEEKLY AND AFTER SIGNIFICANT STORM EVENTS TO REMOVE SEDIMENT ACCUMULATION.
- ANY DIRT OR GRASSSED AREA DISTURBED SHALL BE RESTORED BY SEEDED HYDRO-MULCH. CONTRACTOR TO ENSURE GRASS IS FULLY ESTABLISHED.
- CONTRACTOR SHALL OBSERVE AND COMPLY WITH THE STATE DEPARTMENT OF HEALTH REGULATIONS REGARDING STORM WATER DISCHARGE.

- NOTES:**
- IF THERE ARE ANY QUESTIONS AS TO AN ITEMS REMOVAL, THE CONTRACTOR IS TO CONTACT THE CONTRACTING OFFICER IMMEDIATELY BEFORE ANY ACTION IS TAKEN.
 - REMOVE ALL SPRINKLER HEADS AS DIRECTED BY THE CONTRACTING OFFICER.
 - CONTRACTOR SHALL LOCATE EXISTING IRRIGATION LINES WITHIN THE CONTRACT ZONE LIMITS AND IDENTIFY LINES FOR REMOVAL. PRIOR TO DEMOLITION, CONTRACTOR SHALL OBTAIN APPROVAL FROM THE CONTRACTING OFFICER.

LEGEND:

- EROSION CONTROL MEASURE COMPOST FILTER SOCK SEE DETAIL 2 C003
- LIMITS OF CLEARING AND GRUBBING
- DEMOLISH AND REMOVE

EXISTING SITE, DEMOLITION, AND EROSION CONTROL PLAN
 SCALE: 1"=20'-0" D

APPROVAL:

CHIEF CIVIL ENGINEERING BRANCH, DPP
 CITY AND COUNTY OF HONOLULU

DATE

NO.	DATE	DESCRIPTION	BY	DATE	APPROVED

DEPARTMENT OF EDUCATION
 STATE OF HAWAII

KALAEHO HIGH SCHOOL
 ATHLETIC FIELD IMPROVEMENTS
 KALAEHO, HAWAII, 96705

EXISTING SITE, DEMOLITION, AND EROSION CONTROL PLAN

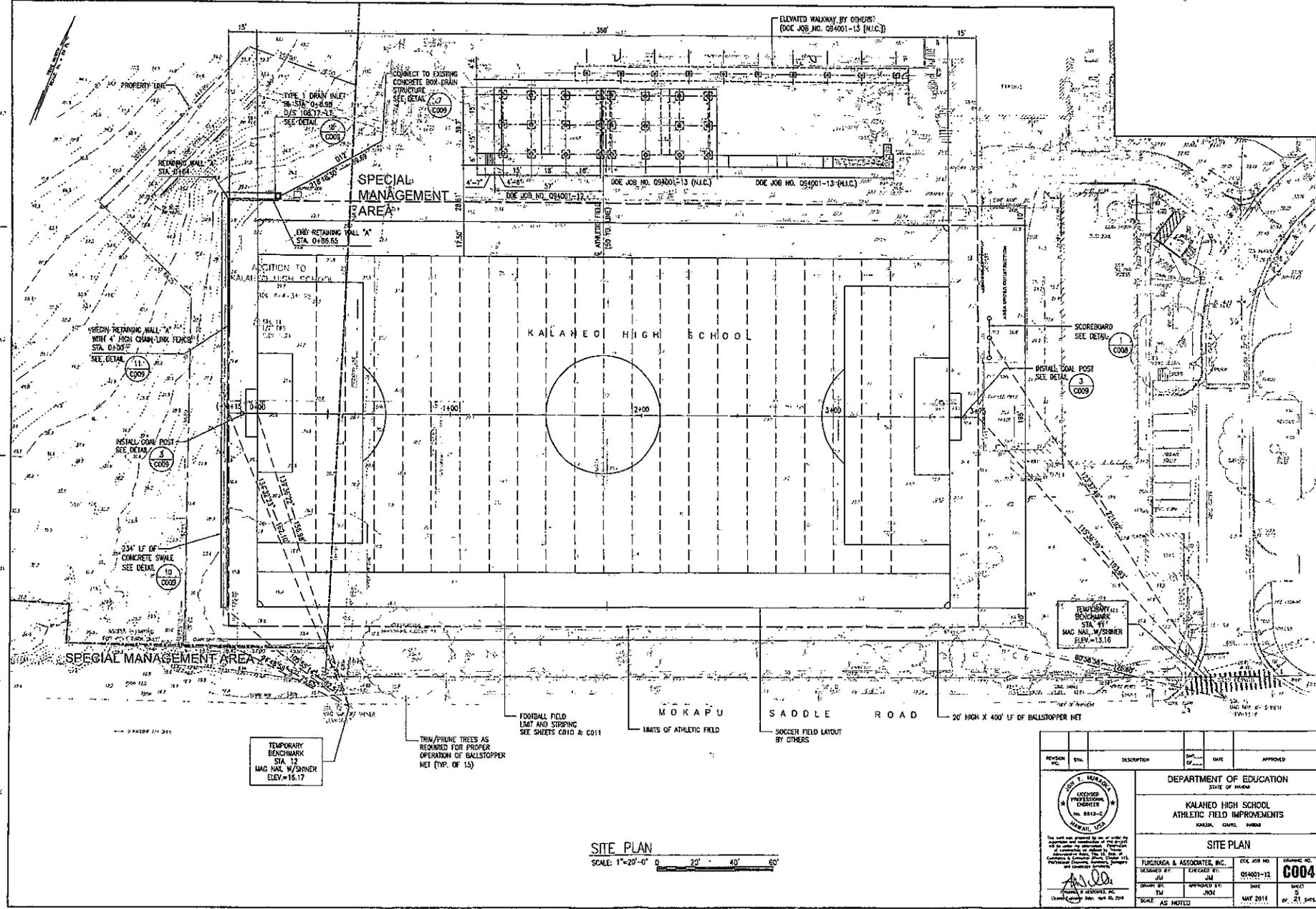
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DRAWN BY: TM APPROVED BY: JML DATE: MAY 2014 SHEET 2 OF 21

SCALE: AS NOTED

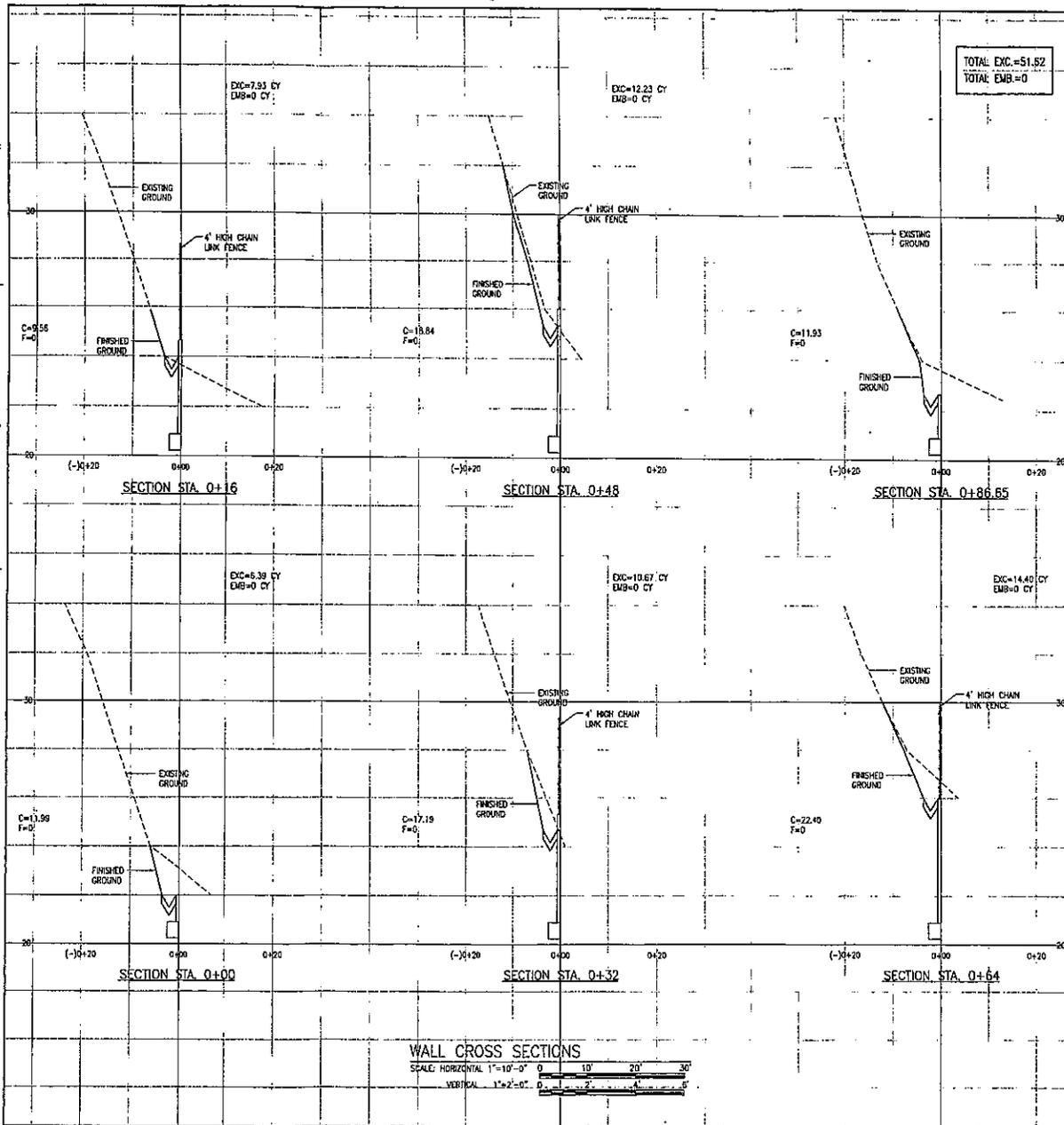
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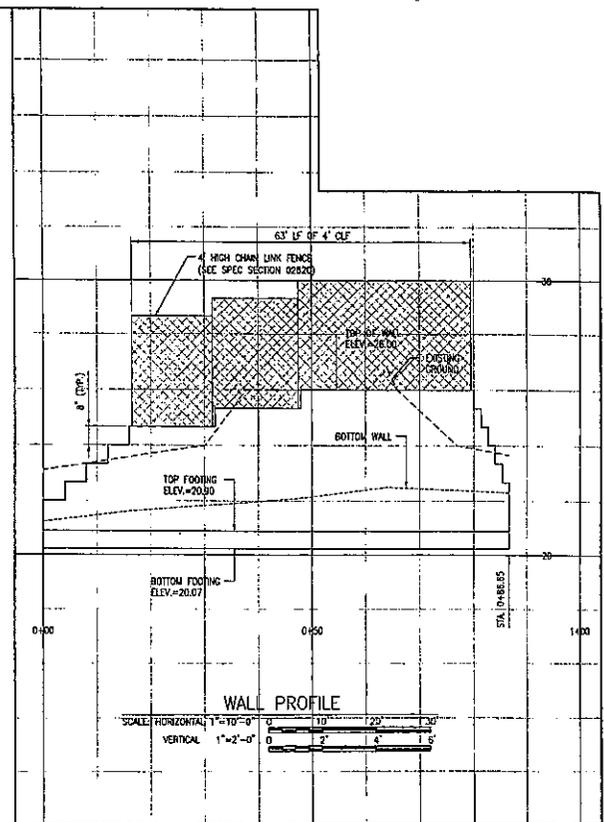


REVISION NO.	DATE	DESCRIPTION	BY	DATE	APPROVED

		DEPARTMENT OF EDUCATION STATE OF HAWAII	
		KALAEHO HIGH SCHOOL ATHLETIC FIELD IMPROVEMENTS KALAEHO, HAWAII	
THE WORK WAS PREPARED BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND I AM A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF HAWAII.		SITE PLAN	
		FLORIANAGA & ASSOCIATES, INC. DESIGNED BY: JLM DRAWN BY: TM	DEC. 2014 NO. 094001-12 CHECKED BY: JOK DATE: MAY 2014



TOTAL EXC.=51.52
 TOTAL EMB.=0



APPROVAL: _____ DATE _____
 CHIEF, CIVIL ENGINEERING BRANCH, DPP
 CITY AND COUNTY OF HONOLULU

REVISION NO.	BY	DESCRIPTION	DATE	APPROVED

DEPARTMENT OF EDUCATION
 STATE OF HAWAII

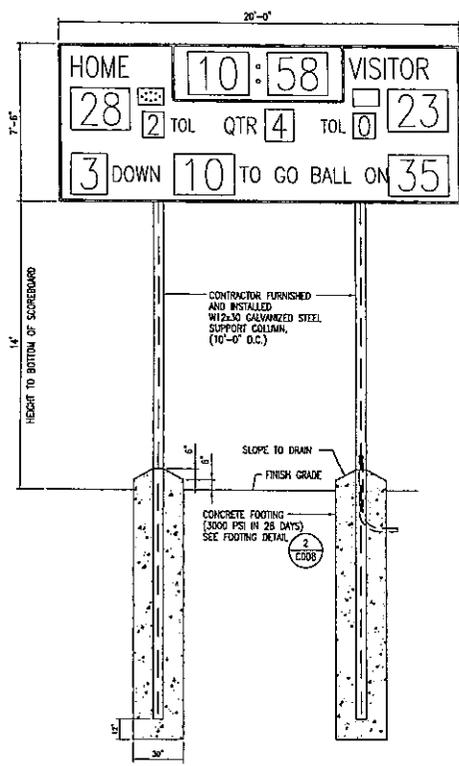
KALAEHO HIGH SCHOOL
 ATHLETIC FIELD IMPROVEMENTS
 KALAMA, OAHU, HAWAII

WALL CROSS SECTIONS AND PROFILE

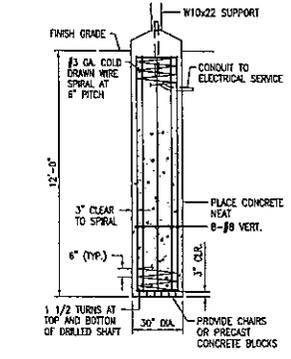
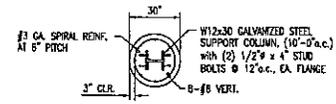
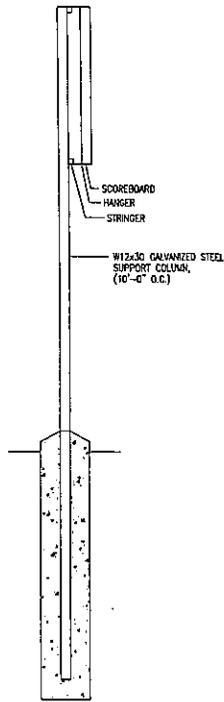
FIRM: FARMINGA & ASSOCIATES, INC.
 DESIGNED BY: JMM
 CHECKED BY: JMM
 DATE: 05/20/14
 SCALE: AS NOTED

DWG. NO.: 02820-12
 SHEET NO.: 0007
 OF 21 SHEETS

U:\PROJECTS\141010 Kalaheo High School Athletic Field Improvements\DWG\02820.dwg
 last saved 5/13/2014 8:08:33 am by JMM
 User: jmm Date: 5/13/2014 8:08:33 am



1 SCOREBOARD DETAIL
CO08 NOT TO SCALE



2 SCOREBOARD FOOTING DETAIL
CO08 NOT TO SCALE

SCOREBOARD NOTES:

- CURRENT FOUNDATION DESIGN IS BASED ON FAIR-PLAY MODEL NO. FB-8120-2. CONTRACTOR SHALL SUBMIT INSTALLATION DETAILS FOR APPROVAL BY THE CONTRACTING OFFICER.
- SCOREBOARD SHALL BE ITC LISTED. SCOREBOARD SHALL DISPLAY THE FOLLOWING INFORMATION: TIME, SCORE, DOWNS, YARDS TO GO, BALL LOCATION, QUARTER, AND TIME OUTS. EQUIPMENT TO BE SOLID STATE ELECTRONIC TECHNOLOGY.
- OVERALL CABINET SIZE SHALL BE 7 FEET 6 INCHES IN HEIGHT BY 20 FEET IN LENGTH BY 10 INCHES IN DEPTH INCLUDING MOUNTING BRACKETS AND CONSTRUCTED OF ALUMINUM. APPROXIMATE WEIGHT IS 500 POUNDS.
- STRUCTURAL STEEL MATERIAL SHALL BE ASTM: A372 (S0K5) ROLLED W-SHAPE COLUMNS A36 CONNECTION MATERIAL AND STIFFENER PLATES A36 ROLLED SECTIONS AND PLATE
- STRUCTURAL STEEL DETAILS, FABRICATION, AND ERECTION SHALL CONFORM TO THE AISC "MANUAL OF STEEL CONSTRUCTION-ASD" LATEST EDITION, UNLESS OTHERWISE SHOWN OR SPECIFIED.
- ALL STRUCTURAL TUBE ENDS TO BE COVERED WITH LIGHT GAUGE END CAPS.
- ALL NEW STEEL TO BE PRIMED AND PAINTED WITH AN APPROVED COLOR.
- ALL WELDING SHALL BE DONE BY CERTIFIED WELDERS WITH EXPERIENCE AND CERTIFICATION IN THE TYPES OF WELDING CALLED FOR. CERTIFICATES SHALL BE NOT MORE THAN 6 MONTHS OLD AND SHALL BE THOSE ISSUED BY AN ACCEPTABLE TESTING AGENCY.
- ALL WELDS SHALL BE E70XX ELECTRODES, AND SHALL BE PRIMED AND PAINTED WITH AN APPROVED COLOR.
- UNLESS OTHERWISE NOTED, ALL WELDS SHALL BE CONTINUOUS 1/4" FILLET WELDS. ALL FULL AND/OR PARTIAL PENETRATION WELDS SHALL BE FULLY DETAILED ON THE SHOP DRAWINGS.
- COLOR OF SCOREBOARD AND TRIM SHALL BE AS DIRECTED BY CONTRACTING OFFICER.

I:\PROJECTS\20131017_Kalaeo_High_School_Athletic_Field_Improvements\CA011-003P.dwg
 User: jmm 3/17/2014 1:54:00 PM by jmm
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REVISION NO.	DATE	DESCRIPTION	BY	DATE	APPROVED

DEPARTMENT OF EDUCATION
STATE OF HAWAII

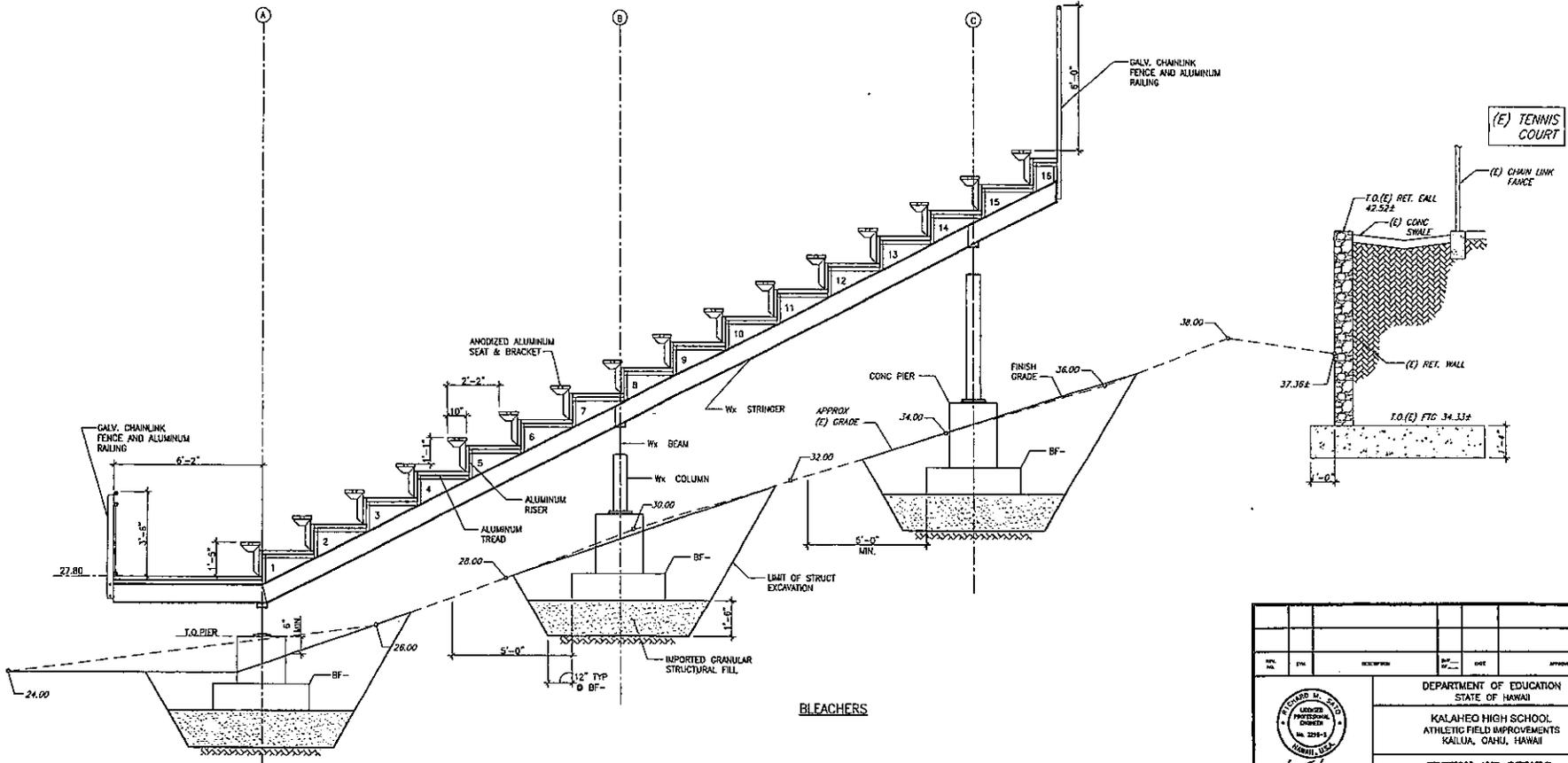
KALAEHO HIGH SCHOOL
ATHLETIC FIELD IMPROVEMENTS
HAOLEA, OAHU, HAWAII

SCOREBOARD DETAILS

DESIGNED BY: JMM	CHECKED BY: JMM	DATE: 05/08/14	DRAWING NO: CO08
DRAWN BY: JMM	APPROVED BY: JMM	DATE: MAY 2014	SHEET 8 OF 21 SHEETS

SCALE: AS NOTED

Exhibit F

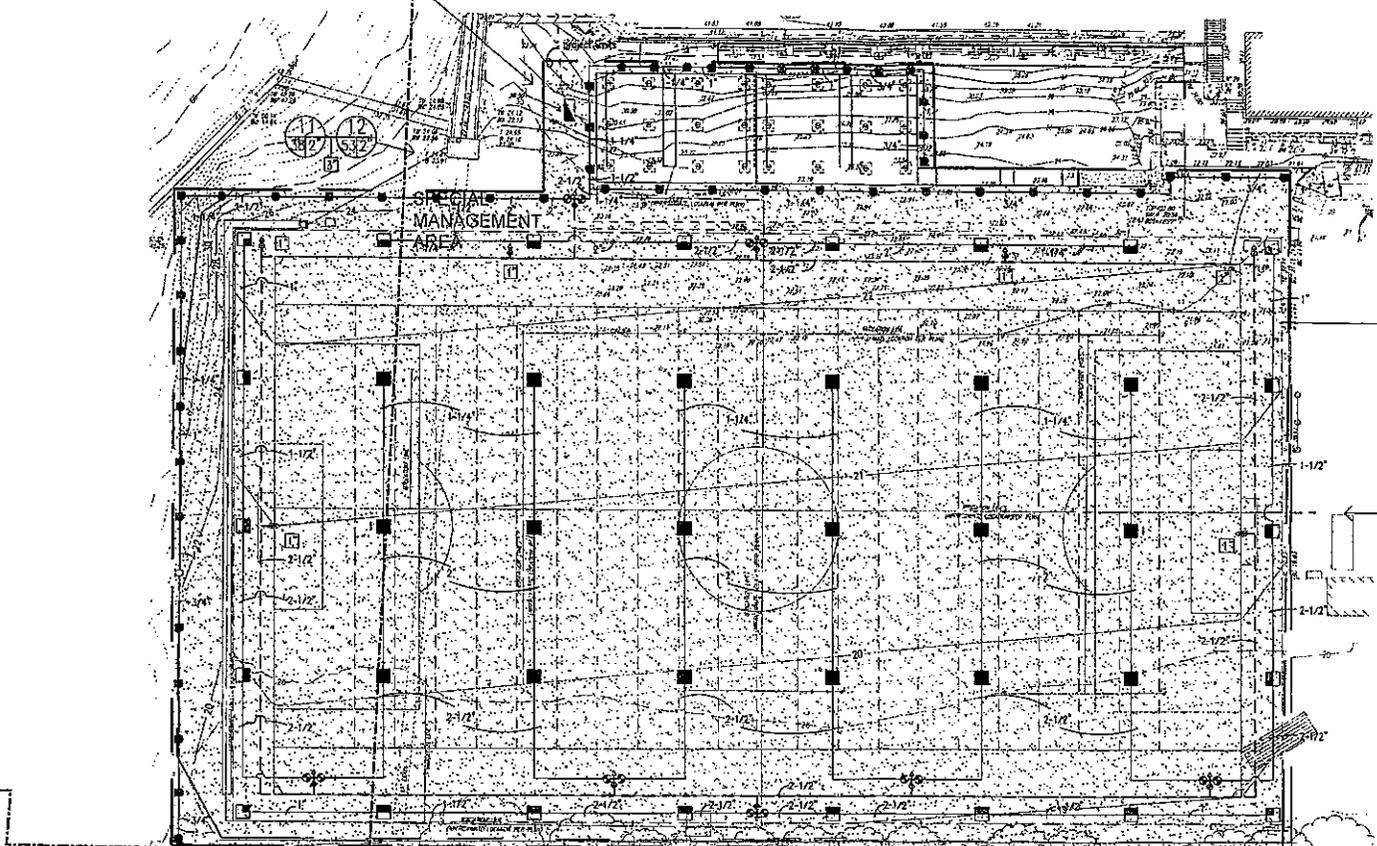


1 CROSS SECTION
S-4 1/2"=1'-0"

REV.	DATE	DESCRIPTION	BY	CHECK	APPROVED
DEPARTMENT OF EDUCATION STATE OF HAWAII KALAEHO HIGH SCHOOL ATHLETIC FIELD IMPROVEMENTS KAILUA, OAHU, HAWAII					
SECTION AND DETAILS					
APRIL 30, 2016 Contract No. of the State		SATO & ASSOCIATES, INC.		SHEET NO. S-4	
DRAWN BY: DO	CHECKED BY: RS	PROJECT NO. 094001-12	DATE:		
DATE:	APPROVED BY: RS	DATE:			
SCALE: AS NOTED	MAY 2014		15 of 21 pgs		

Date Plotted: 05/27/2014 11:08 AM
 File Name: S:\094001\Final\094001-12\Bldg\094001-12-CROSS-SECTION-1-14.dwg

IRRIGATION CONTROLLER (PEDESTAL MOUNT)
ELECTRICAL CONTRACTOR TO PROVIDE 120 VOLT
SERVICE TO WEATHERPROOF J-BOX IN
PEDESTAL CABINET. SEE ELECTRICAL DRAWINGS
FOR LOCATION



101,600 S.F.
TifGrand Bermuda Grass
STOLONIS (PROVIDE 8" OF
AMENDED TOPSOIL)

IRRIGATION POINT OF CONNECTION
LOCATE AND CONNECT TO EXISTING
GATE VALVE. TO BE PROVIDED BY
SITEWORK SUBCONTRACTOR. SEE
CIVIL DRAWINGS FOR LOCATION.

SPECIAL MANAGEMENT AREA

1 722" 2 622"

3 622" 4 622"

10 722" 9 722"

5 622" 6 622"

7 622" 8 722"

LANDSCAPE PLAN
SCALE: 1"=20'-0"

Exhibit I

REVISION NO.	DATE	DESCRIPTION	CHK'D BY	DATE	APPROVED
		DEPARTMENT OF EDUCATION STATE OF FLORIDA KALAHED HIGH SCHOOL ATHLETIC FIELD IMPROVEMENTS KALAHED, GUNN, FLORIDA LANDSCAPE PLAN			
WALTER S. MORDICA, INC. DESIGNED BY: WSM DRAWN BY: WSM DATE: MAY 2011 SCALE: AS NOTED		CHECKED BY: WSM APPROVED BY: WSM DATE: MAY 2011		DDC JOB NO.: 094001-12 SHEET 20 OF 71 SHEETS DRAWING NO.: L-1	