

- BUILDING COMPONENT SYSTEMS
- ELECTRICAL COMPONENT SYSTEMS
- MECHANICAL COMPONENT SYSTEMS

SIGNATURE: [Signature] DATE: XX 2016
 NAME: ALVIN M. YOSHIMORI
 TITLE: CHAIRMAN
 LICENSE NO.: 2714

STATE OF HAWAII
 DEPARTMENT OF LAND AND NATURAL RESOURCES

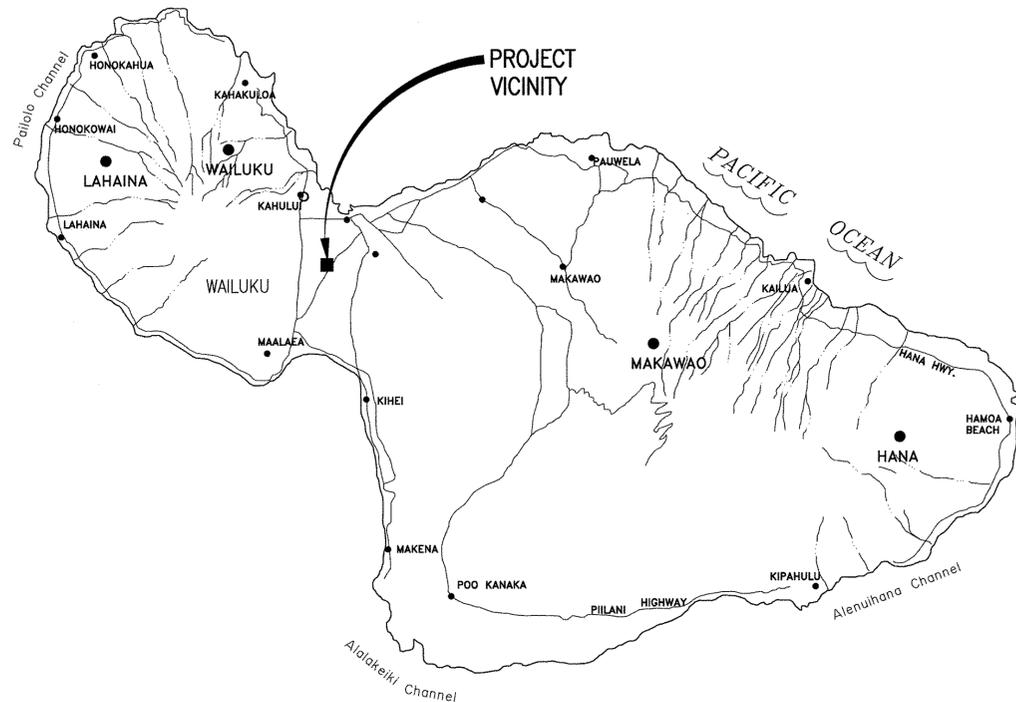
ENGINEERING DIVISION

JOB NO. F93C817E

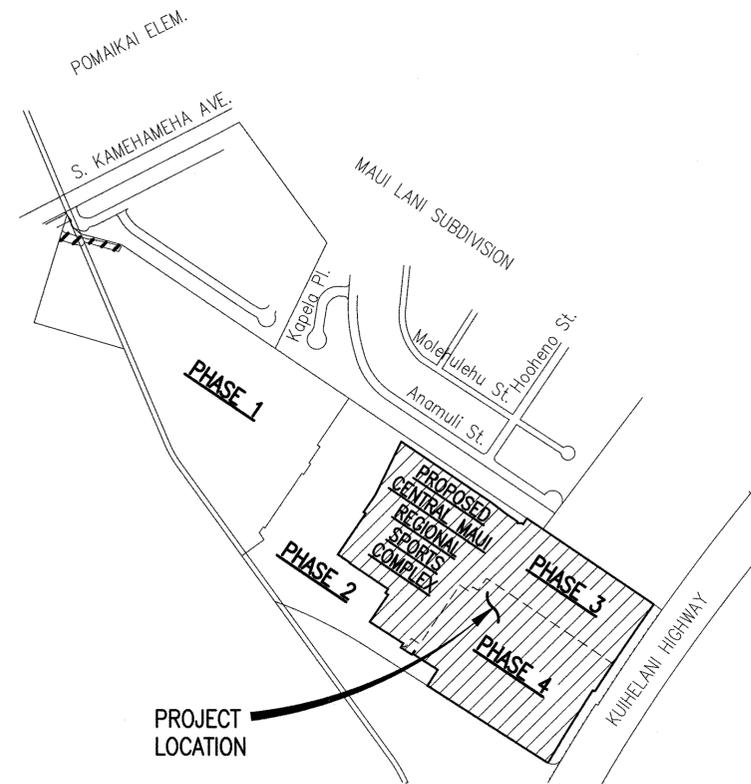
CENTRAL MAUI REGIONAL SPORTS COMPLEX PHASE 4

Wailuku, Maui, Hawaii

TMK (2) 3-8-007 : 104



 **MAUI - VICINITY MAP**
 NOT TO SCALE



 **LOCATION MAP**
 NOT TO SCALE



APPROVED

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

8/10/16
DATE

[Signature]
 CURT A. COTTRELL, ADMINISTRATOR
 DIVISION OF STATE PARKS
 DEPARTMENT OF LAND AND NATURAL RESOURCES

8/8/16
DATE

Index of Drawings

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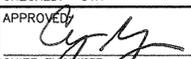
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REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
					
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION CENTRAL MAUI REGIONAL SPORTS COMPLEX PHASE 4 WAILUKU, MAUI, HAWAII INDEX OF DRAWINGS					
DESIGNED: GR/NN/JP		SUBMITTED: ---			
DRAWN: GR/NN/JP		DATE: AUGUST 2016			
CHECKED: GTR		SCALE: AS SHOWN			
APPROVED: 		AUG - 8 2016		DRAWING NO. T-2	
R. M. TOWILL CORPORATION <small>Public, General, Mechanical, Electrical, Plumbing, Fire, Structural, Marine, Survey, and Construction Services</small>		CHIEF ENGINEER			

General Construction Notes

- All construction work shall conform to the standard details for Public Works Construction, Sept. 1984 and the Standard Specifications for Public Works Construction, Sept. 1986, as amended, County of Maui.
- Contractor shall secure the services of a Hawaii licensed surveyor to provide construction stakeout.
- The contractor shall notify Maui Electric Company for any work touching their facilities at least seven (7) days prior to such work. The contractor shall coordinate with and notify all affected property owners.
- The aerial survey shown within the construction documents were prepared by the R.M. Towill Corporation on December 18, 2012. Topographic conditions/features/elevations shown on the aerial survey were based on photographs taken at 3,000 feet above the ground surface and limited ground survey. The aerial survey shown was prepared to National Mapping Standards. The Contractor shall base bids on the above information. No additional compensation will be allowed for grade discrepancies that fall within the National Mapping Standards tolerances.
- The Contractor is responsible for obtaining right-of-entry from property owners/lessees as needed. The contractor shall add property owners/lessees on the liability insurance as additional insured. If the right-of-entry is not processed by the State, the contractor shall procure all right-of-entry at no costs to the State.
- Standard detail drawings and standard specifications of the Department of Public Works shall be included as part of the construction plans.
- All construction work shall strictly conform to the latest version of the Hawaii Standard Specifications for Road and Bridge Public Works Construction, and the September 1984 "Standard Details" for Public Works Construction of the Department of Public Works, as amended.
- If existing utilities, whether or not shown on plans, are damaged during construction, the contractor shall at his own expense be required to repair such utilities.
- Contractor shall provide, install and maintain all necessary signs, lights, flares, barricades, and other protection devices for the protection, safety, and convenience of the public, according to the latest version of the "Manual on Uniform Traffic Control Device for Streets and Highways", and to the rules and regulations governing the use of traffic control devices at worksites and/or adjacent to public streets and highways adopted by the Highway Safety Coordinator and the U.S. Federal Highway Administration "Manual on Uniform Traffic Control Devices for Highway Construction and Maintenance Operations".
- The contractor shall, at his own expense, keep the project area and surrounding are free from dust nuisance. The work shall be in conformance with Air Pollution Control Standards and Regulations of the State Department of Health and County Grading Ordinance.
- The contractor shall remove all silt and debris resulting from his work and deposited in drainage facilities, roadways, and other areas. The cost incurred for any necessary remedial action ordered by the State shall be paid by the contractor.

General Construction Notes (Cont'd)

- Construction debris and wastes shall be deposited at an appropriate work site. The contractor shall inform the State of the location of the disposal sites. The disposal site must fulfill the requirements of the grading ordinance.
- If the clearance between a wastewater line and a new or existing waterline is eighteen inches (18") or less, the wastewater line shall be concrete-jacketed in accordance with the Standard Details of Public Works Construction dated September 1984, as amended.
- Should historic sites such as walls, platforms, pavements, or mounds, or remains such as artifacts burials, concentration of shell or charcoal be encountered during construction activities, work shall cease immediately in the immediate vicinity of the find and the find shall be protected from further damage. The contractor and/or landowner shall immediately contact the State Historic Preservation Division (692-8015), which will assess the significance of the find and recommend an appropriate mitigation measure, if necessary.
- Wheelchair ramp inspection/certification forms shall be required for all newly constructed ramps.
- Compaction Requirements
 - Testing of materials shall be conducted by an approved independent testing agency in accordance with ASTM standard methods or as specified by the Department of Public Works, Engineering Division, as follows:
 - Embankment/Select Borrow and Subgrade Materials: one (1) compaction test per 600 square yards per lift;
 - Aggregate Subbase Course: one (1) compaction test per 400 square yards; one (1) gradation and sand equivalent test per lift per project;
 - Aggregate Base Course: one (1) compaction test per 300 square yards; one (1) gradation and sand equivalent test per lift per project;
 - Asphalt Concrete Pavement or Asphalt Treated Base Course: three (3) A.C. cores for thickness and density tests per project;
 - Trench Backfill Material: one (1) test for each 300 lineal feet of trench per lift of material.
 - Contractor shall submit all testing reports including results to the County's inspection agency for review and approval prior to County's acceptance of work.
 - The contractor shall be required to notify the State and County of any testing failures and correct each failure prior to proceeding to the next phase of construction

Grading Notes

- All grading work shall conform to Title 20 of the Maui County Code and Soils Report by Geolabs, Inc. entitled "Geotechnical Engineering Exploration Central Maui Regional Park" dated February 4, 2013. Grading shall not commence until a grading permit is approved.
- The contractor shall obtain a grading permit from the Department of Public Works and Environmental Management at least two (2) weeks before any work begins.
- All grading operations shall be performed in conformance with the applicable provisions of the Water Pollution Control and Water Quality Standards contained in the Public Health Regulations, State Department of Health, on water pollution control and water quality standards and the county grading ordinance.
- No contractor shall perform any grading operation so as to cause soil or debris in any form to fall or flow onto adjoining properties, streets or natural watercourse. should such violations occur, the costs incurred for any remedial action by the director of Public Works and Environmental Management shall be payable by the contractor.
- All slopes and exposed areas shall be sodded or planted immediately after the grading work has been completed. Contractor shall grass and maintain all exposed areas that are subject to erosion.
- Fills on slopes steeper than 5:1 shall continuously be keyed and benched.
- Construction debris and wastes shall be deposited at an appropriate site. The contractor shall inform the engineer of the location of disposal sites. The disposal site must also fulfill the requirements of the grading ordinances.
- The contractor shall provide dust control measures at all times, weekends and holidays included. All graded areas shall be stabilized to minimize dust after construction activity has ceased for the day and for the weekend.
- All exposed slopes shall be protected with temporary diversions, berms, and swales at the top of the slopes.
- Existing topographic information shown were compiled from survey conducted by R.M. Towill Corporation on December 12, 2012. The contractor shall examine the site and take whatever measures necessary to verify conditions existing in the field with no added cost to the State.
- The County shall be informed of the location of disposal sites for excess material when the grading permit application is filed. The disposal site must also fulfill the requirements of the grading ordinance.
- The limits of the grading area shall be flagged before any grading work begins.
- Unsuitable materials, such as organic soils, clays, and debris, shall be removed and disposed of appropriately. Any disposal made on-site shall be approved by the contractor.
- Life of the stockpile shall be 12 months.
 Earthwork:
 Distance from top of cut or bottom of fill to property line:

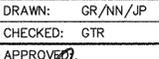
Height of Cut or Fill	Distance from Property Line
0' to 2'	1'
more than 2' to 4'	2'
more than 4' to 6'	3'
more than 6' to 10'	4'
more than 10' to 15'	5'
more than 15'	8'

Sewer Notes

- All wastewater lines and appurtenances shall conform to the Standard Details for Public Works Construction, dated September 1984, of the Department of Public Works, County of Maui.
- Before construction commences, the contractor shall schedule and document a pre-construction meeting with all agencies having utilities affected by the work.
- County of Maui has the right to stop construction, should any work be found contrary to the approved plans and specifications, or detrimental to the public interest.
- All existing wastewater lines, whether or not shown on the plans, if damaged during construction, shall be repaired by the contractor and the contractor shall pay all expenses.
- The contractor shall notify the County of Maui one (1) week prior to connection to any existing wastewater lines.
- Should the contractor excavate beyond the trench pay-width, as specified in the Standard Details for Public Works Construction, dated September 1984, and such actions result in a greater load to the pipe, the contractor shall provide, at the contractor's expense, a higher class of bedding material that will withstand the added load.
- Wastewater laterals shall be six (6) inches in diameter at a minimum of 2% slope per plumbing code, unless approved otherwise.
- Redwood marker or pvc pipe shall be installed at each new wastewater lateral.
- Where the clearance between a wastewater line and a new or existing utility line is eighteen (18) inches or less, the wastewater line shall be concrete jacketed in accordance with the Standard Details of Public Works Construction, dated September 1984.
- Prior to final acceptance, all wastewater lines installed shall:
 - Be flushed with water and any accumulated construction debris and other foreign materials shall be removed.
 - Meet the hydrostatic pressure test and the loading test as specified in section 18 of the "Standard Specifications for Public Works Construction," dated September 1986.
- A set of "as-built" drawings shall be submitted to the County of Maui by the contractor as a condition prior to acceptance of the project.
- Crushed rock cradle is permitted where the soil is stable. In areas of unstable soil, the maker of the plans and the construction (soils) engineer will determine the pipe support required.
- The underground pipes, cables or ductlines known to exist by the engineer from his research of records are indicated on the plans. The contractor shall verify the location and depth of the facilities including and affecting sewer lines, and exercise proper care in excavating the area. The contractor shall be responsible and shall pay for all damaged utilities.
- Building plumbing facilities shall be controlled by sewer lateral inverts.
- The contractor shall be responsible for maintaining continuous sewer service to all affected areas during construction.

Sewer Notes (Cont'd)

- The contractor shall be responsible for any sewage spills caused during construction. The contractor shall notify the state Department of Health and utilize appropriate sampling and analyzing procedures. The contractor shall be responsible for all public notifications and press releases.
- The contractor shall install "rainstopper" manhole inserts in all sewer manholes with type "SA" frame and cover.
- All sewer pipe joints within easements shall be wrapped with geotextile root barrier.
- When connecting to a live sewer line, the contractor shall abide by all conditions that the Department of Health sets forth to mitigate any wastewater spill that may occur.

REVISION NO.	SYMBOL	DESCRIPTION	SHT./OF	DATE	APPROVED
					
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION CENTRAL MAUI REGIONAL SPORTS COMPLEX PHASE 4 WAILUKU, MAUI, HAWAII CONSTRUCTION NOTES - 1					
<small>THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.</small>					
DESIGNED: GR/NN/JP		SUBMITTED: ---			
DRAWN: GR/NN/JP		DATE: AUGUST 2016			
CHECKED: GTR		SCALE: AS SHOWN			
APPROVED:  R. M. TOWILL CORPORATION CHIEF ENGINEER					AUG - 8 2016 DATE
					C-1 DRAWING NO.

Archaeological Notes

1. If, during construction, any archaeological sites or remains (such as artifacts, shell, bone, or charcoal deposits, human burials, rock or coral alignments, pavings, or walls) are encountered, the contractor shall stop work and contact the construction manager immediately. Work in the immediate area shall be stopped until the owner is able to assess the impact and make recommendations for mitigative activity.
2. All trenching and excavation work in the archaeological site(s) shall be monitored by an archaeologist retained by the contractor for this project.

Public Health, Safety And Convenience

1. The contractor shall observe and comply with all federal, state and local laws required for the protection of public health and safety and environmental quality.
2. The contractor at his own expense, shall keep the project and its surrounding areas free from dust nuisance. The work shall be in conformance with the air pollution standards and regulations of the state department of health.
3. The contractor shall provide, install and maintain all necessary signs, lights, flares, barricades, markers, cones, and other protective facilities and shall take all necessary precautions for the protection, convenience, and safety of the public.
4. The contractor shall remove all silt and debris resulting from his work and deposited in drainage facilities, roadways and other areas. The cost incurred for any necessary remedial action by the county shall be payable by the contractor.
5. During non-working hours all lanes shall be open and all excavations on the roadway shall be covered with a safe non-skid bridging material. Driveways shall be kept open unless the owners to the property using these rights-of-ways are otherwise provided for satisfactorily.

Temporary Erosion Control Notes

1. The contractor shall comply with the requirements of chapter 20.08, "Soil Erosion and Sedimentation Control," Department of Public Works and Environmental Management, County of Maui.
2. No grading work shall commence until temporary erosion controls (berms, silt fences, inlet filters, etc.) are in-place.
3. The contractor shall minimize the amount of land to be exposed at any one time.
4. Grassing of all exposed areas susceptible to erosion shall be done immediately after final grades are established.
5. Disturbed areas of the construction site that are expected to be exposed for more than 21 days shall be stabilized (grassed or graveled) by no later than the 14th day after last disturbance.
6. All new embankment work shall be compacted by the end of each work day to minimize erosion and dust.

Temporary Erosion Control Notes (Cont'd)

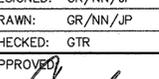
7. Temporary filter socks shall be installed for perimeter runoff control at locations shown on plan and as designated by the engineer. Additional measures shall be installed as necessary to capture sediment and minimize the amount of sediment leaving the project site.
8. The contractor shall provide a stabilized construction entrance consisting of 8" thick #2 crushed rock for ingress and egress to roadways.
9. During each storm event that generates runoff from the site, the contractor shall visually inspect the water quality for turbidity and sediment. The contractor shall add and make adjustments to the bmps to protect adjacent properties and nearby waterbodies.
10. Temporary erosion controls shall not be removed before permanent erosion controls are in-place and established.
11. Potable water use for dust control shall be prohibited.
12. The contractor shall monitor weather patterns and avoid work along drainageways if rainy weather is imminent.
13. Sand bags, filters, silt fences, rock dams and/or other measures shall be used to protect the work site and excavated areas from erosion and damage due to runoff.
14. The contractor is cautioned that existing dry drainageways are subject to severe flash flooding. Work along drainageways shall receive special consideration in order to ensure protection of downstream areas and the quality of nearshore waters during periods of drainageway flow.
15. Temporary stockpiles shall be stabilized with grass and/or mulch or covered appropriately to prevent dust and erosion.
16. On-site drainage shall be handled in such a way to as to control erosion, prevent damage to downstream properties and to return waters to the natural drainage course in a manner which minimizes sedimentation or other pollution to the maximum extent practicable.
17. All areas disturbed by construction activities shall control dust emissions to the maximum extent practicable through the application of bmps, that may include watering with trucks or sprinklers, erection of dust fences, limiting the area of disturbance, and timely grassing of finished areas.
18. Whenever feasible, natural vegetation, especially grasses, should be retained. If it is necessary to be removed, trees, timber, plants, shrubbery and other woody vegetation, after being uprooted, displaced or dislodged from the ground by excavation, clearing or grubbing, shall not be stored in or deposited along the banks of any streams, rivers or natural watercourse. The director may require the removal and disposal of such vegetation from the site within a reasonable time but not to exceed three months.

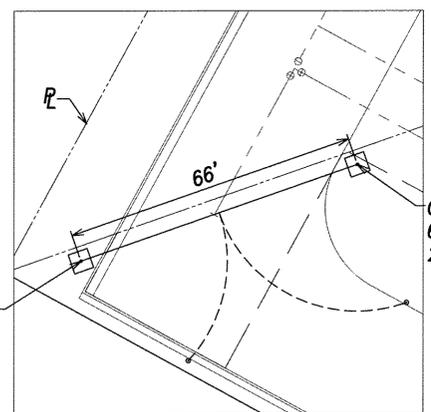
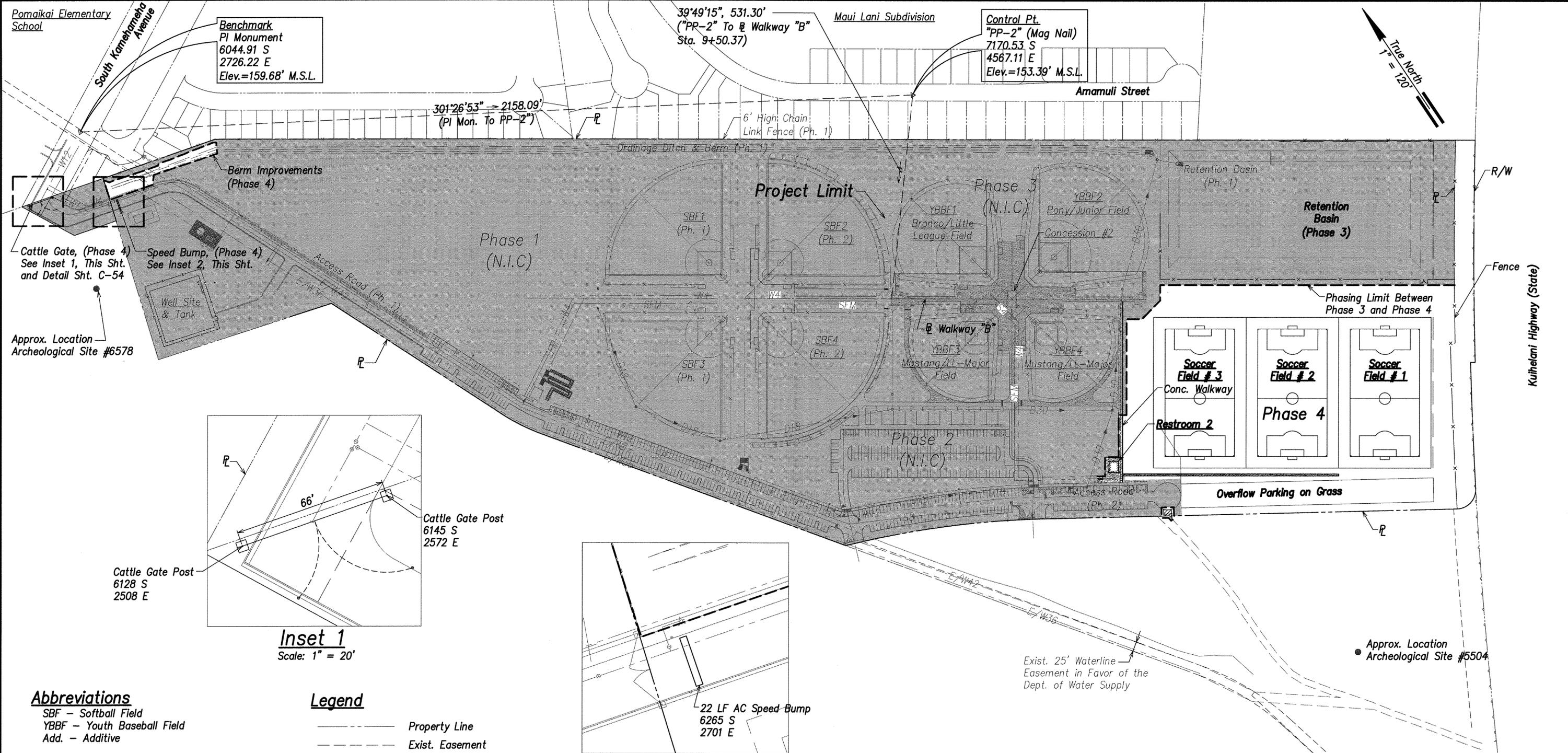
Environmental Protection Notes

1. In accordance with chapter 11-60.1, Air Pollution Control, title 11, State Administrative Rules, the property owner/developer shall be responsible for ensuring that effective control measures are provided to minimize or prevent any visible dust emission caused by the construction work from impacting the surrounding areas including the off-site roadways used to enter/exit the project. these measures include but are not limited to the use of water wagon, sprinkler systems, dust fences, etc.
2. In accordance with chapter 11-55, Water Pollution Control and Chapter 11-54, Water Quality Standards, title 11, State Administrative Rules, the property owner/developer shall be responsible for ensuring that the best management practice (bmp) to minimize or prevent the discharge of sediments, debris, and other water pollutants into state waters is provided.
3. In accordance with Chapter 11-58.1, Solid Waste Management Control, title 11, State Administrative Rules, the property owner/developer shall be responsible for ensuring that grub material, demolition waste and construction waste generated by the project are disposed of in a manner or at a site approved by the state department of health. Disposal of any of these wastes by burning is prohibited.

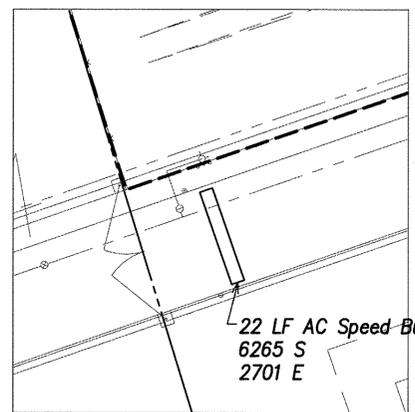
(2004 ADAAG) Americans with Disabilities Act Accessibility Guidelines

1. All new sidewalk and walkway cross slopes shall be defined as the direction perpendicular to the prevalent pedestrian flow of travel. No where shall the cross slope of an accessible route exceed 1:48 per ADAAG 403.3.
2. All walks, halls, corridors, aisles, sky walks, tunnel and other spaces that are part of an accessible route shall comply with ADAAG 206 and 403.
3. The running slope of an accessible route shall not exceed 1:20 per ADAAG 403.3. If the running slope of an accessible route exceeds 1:20, it shall be considered a ramp, and shall meet the requirements of adaag 405.
4. ADAAG 201.3 Temporary and Permanent Structures. These requirements shall apply to temporary and permanent buildings and facilities.
5. ADAAG 206.1 General. Accessible routes shall be provided in accordance with 206 and shall comply with chapter 4.
6. ADAAG 406.1 General. Curb ramps on accessible routes shall comply with 406, 405.2 through 405.5, and 405.10.

REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
					
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION CENTRAL MAUI REGIONAL SPORTS COMPLEX PHASE 4 WAILUKU, MAUI, HAWAII CONSTRUCTION NOTES - 2					
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION.					
DESIGNED: GR/NN/JP		SUBMITTED: ---			
DRAWN: GR/NN/JP		DATE: AUGUST 2016			
CHECKED: GTR		SCALE: AS SHOWN			
APPROVED:  R. M. TOWILL CORPORATION CHIEF ENGINEER		AUG - 8 2016 DATE		DRAWING NO. C-2	



Inset 1
Scale: 1" = 20'



Inset 2
Scale: 1" = 20'

Abbreviations

- SBF - Softball Field
- YBBF - Youth Baseball Field
- Add. - Additive

Legend

- Property Line
- - - - - Exist. Easement
- ▭ Project Limit
- N.I.C. (Ph. 1, 2, 3)
- ▨ Concrete Walkway

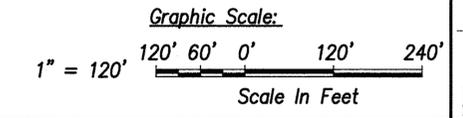
- W4- Water Line & Size
- SFM- Sewer Force Main
- D18- Drain Line & Size
- W4- Existing Water Line & Size
- SFM- Existing Sewer Force Main
- D18- Existing Drain Line & Size

Phase 4 Parking Stall Summary

Overflow Stalls 154
Total Parking Stall Count 154

General Site Plan

Scale: 1" = 120'



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

GORDON T. RING
LICENSED PROFESSIONAL ENGINEER
No. 9300-C
HAWAII, U.S.A.

STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
ENGINEERING DIVISION

**CENTRAL MAUI REGIONAL SPORTS COMPLEX
PHASE 4**
WAILUKU, MAUI, HAWAII

GENERAL SITE PLAN

DESIGNED: GR/NN/JP
DRAWN: GR/NN/JP
CHECKED: GTR
APPROVED: *[Signature]*
CHIEF ENGINEER

4/30/16	---
DATE	SUBMITTED
AS SHOWN	DATE: AUGUST 2016
SCALE	DATE: AUG - 8 2016

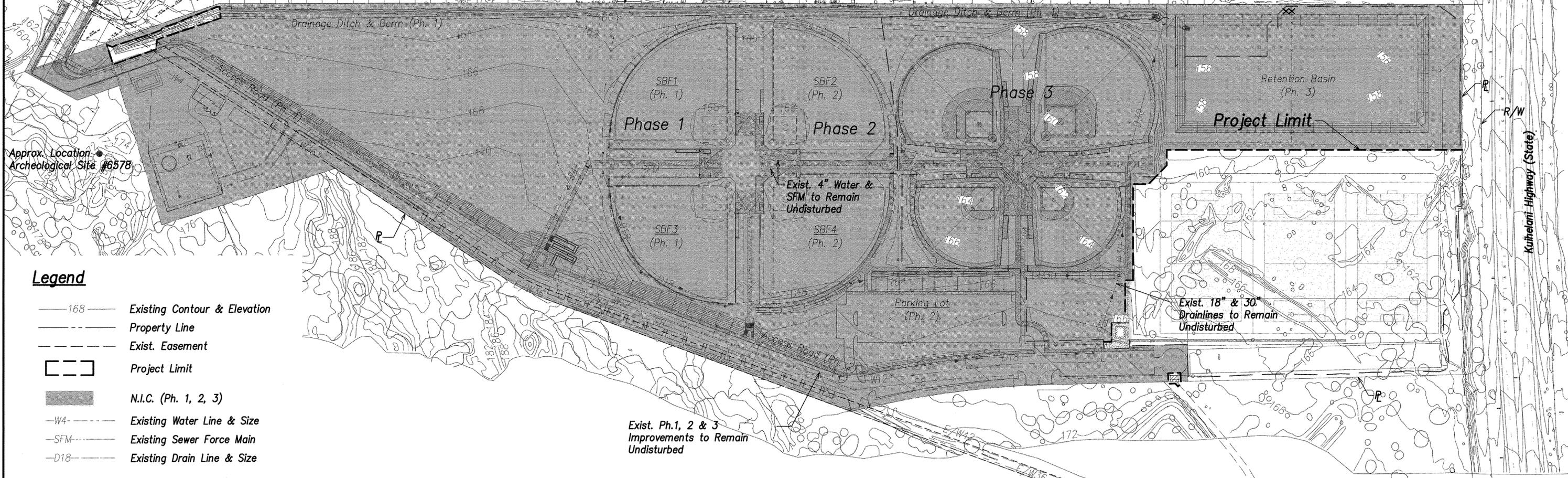
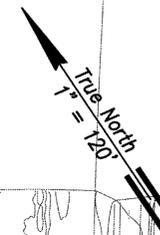
C-3

Pomaikai Elementary School

South Kanehamaena Avenue

Maui Lani Subdivision

Amamuli Street



Legend

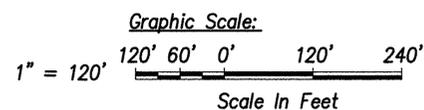
- 168 — Existing Contour & Elevation
- - - - - Property Line
- - - - - Exist. Easement
- ▭ - - - - - Project Limit
- N.I.C. (Ph. 1, 2, 3)
- W4- Existing Water Line & Size
- SFM- Existing Sewer Force Main
- D18- Existing Drain Line & Size

Notes:

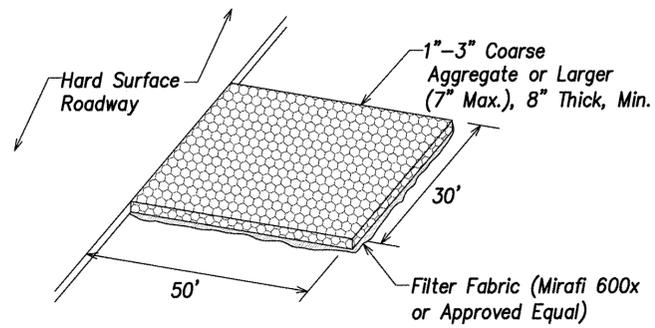
1. Aerial Survey Was Prepared to National Mapping Standards and Taken December 18, 2012 By R.M. Towill Corporation. Topographic Conditions/Features/Elevations Were Based On Photographs Taken at 3,000 Feet Above The Ground Surface and Limited Ground Survey.
2. The Contractor Shall Be Responsible For Verifying Existing Conditions Prior to the Start of Clearing & Grubbing. Starting Clearing & Grubbing Indicates Acceptance of All Grades.
3. The Contractor Shall Be Responsible For Clearing, Grubbing, and Disposal Of All Weeds, Brush, Roots, Trees, Debris, and Any Other Deleterious Material Within The Project Site. Material Shall Be Dumped at a State of Hawaii Approved Dump Site.
4. The Contractor Shall Protect and Keep Clean the Existing Facilities That Have Been or are Currently Being Constructed In Phases 1, 2, and 3. These Facilities are As Follows But Not Limited to Restroom #1, Concession Stands #1 and #2, Softball Fields #1, #2, #3, #4 and Field Appurtenances, Baseball fields #1, #2, #3, #4 and Field Appurtenances, Conc. Walkways, Park Lighting Structures, Paved Roadway and Parking Areas, Landscaping, Concrete Curb and Gutters, All Mechanical Equipment Including Booster Pump, Irrigation Tank, and Irrigation Well Facility Including Pump and Appurtenances.

Existing Conditions and Demolition Plan

Scale: 1" = 120'



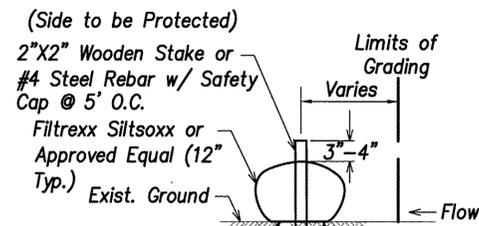
REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION CENTRAL MAUI REGIONAL SPORTS COMPLEX PHASE 4 WAILUKU, MAUI, HAWAII					
EXISTING CONDITIONS AND DEMOLITION PLAN					
DESIGNED: GR/NN/JP	SUBMITTED: ---				
DRAWN: GR/NN/JP	DATE: AUGUST 2016				
CHECKED: GTR	SCALE: AS SHOWN				
APPROVED:		DATE: AUG - 8 2016	DRAWING NO. C-4		
R. M. TOWILL CORPORATION 2008 942 1133 3224 North King Street, Suite 202, Honolulu, Hawaii 96813-3448					



Stabilized Construction Entrance

Not to Scale

A
C-6|C-7



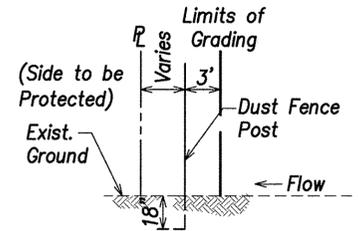
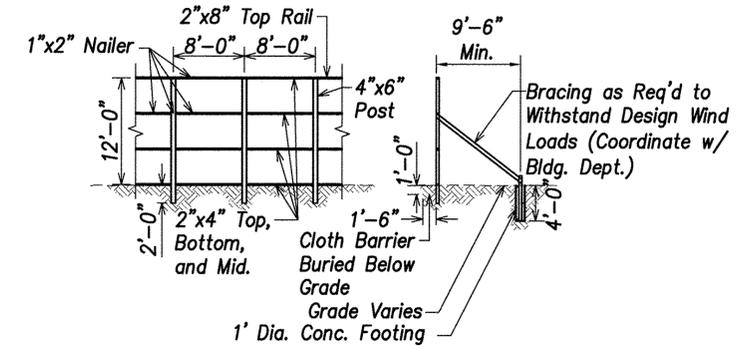
Smooth Exist. Ground so the Siltsoxx is Flush with the Exist. Ground Along the Entire Length

Note: Compost shall not contain biosolids and should be consistent with EPA guidelines. Filter sock shall have a 5' minimum overlap at the end of sock.

Siltsoxx Compost Filter Sock Detail

Not to Scale

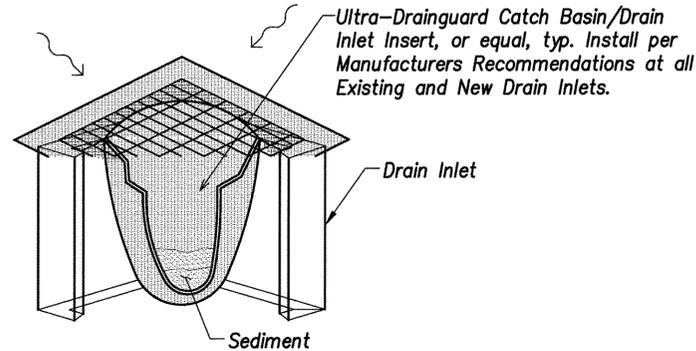
B
C-6|C-7



Dust Fence Detail

Not to Scale

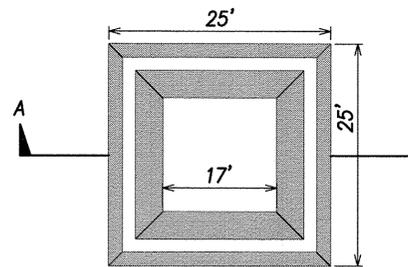
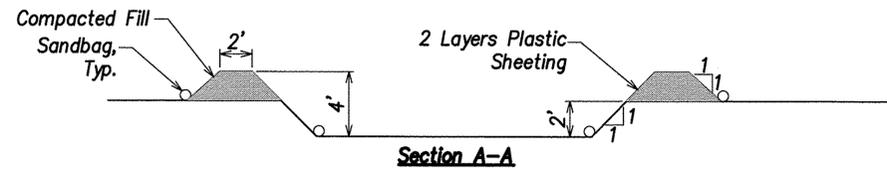
E
C-6|C-7



Grate Inlet Protection

Not to Scale

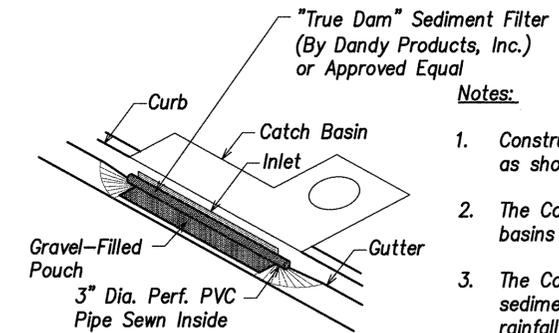
C
C-6|C-7



Concrete Wash Basin Detail

Not to Scale

D
C-6|C-7



Notes:

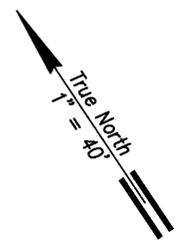
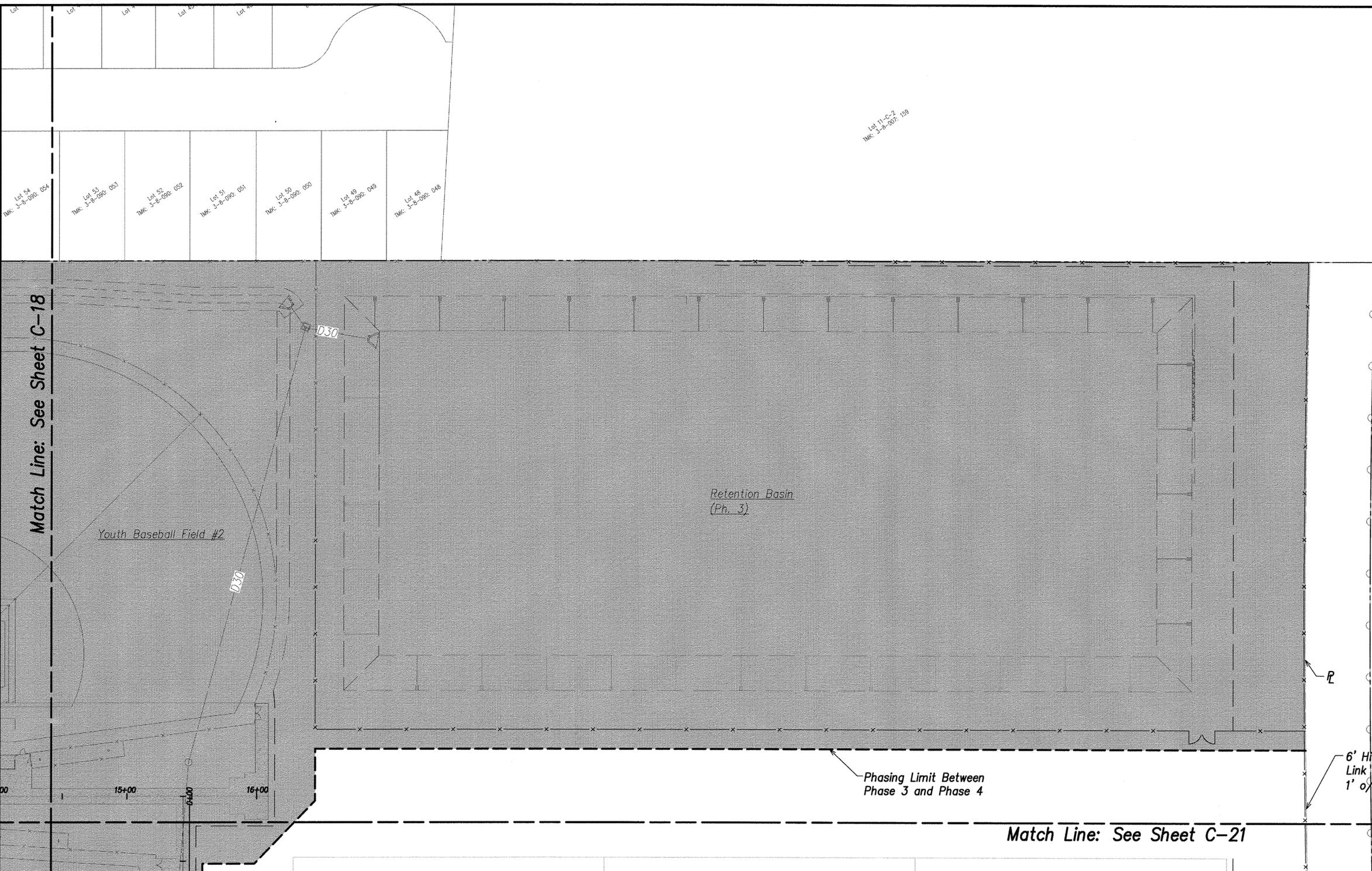
1. Construct Catch Basin Inlet Protection as shown on Erosion Control Plan.
2. The Contractor shall clean catch basins and sediment filter weekly.
3. The Contractor shall remove the sediment filters during above normal rainfall events.

Catch Basin Inlet Protection

Not to Scale

F
C-6|C-7

REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION CENTRAL MAUI REGIONAL SPORTS COMPLEX PHASE 4 WAILUKU, MAUI, HAWAII EROSION CONTROL DETAILS					
DESIGNED: GR/NN/JP DRAWN: GR/NN/JP CHECKED: GTR APPROVED: <i>[Signature]</i> R. M. TOWILL CORPORATION <small>1000 W. Kalia Road, Suite 200, Honolulu, HI 96813-2000</small>			SUBMITTED: --- DATE: AUGUST 2016 SCALE: AS SHOWN AUG - 8 2016 DATE C-7		



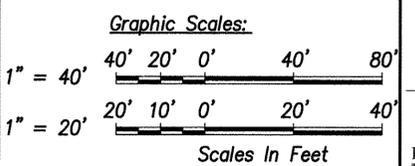
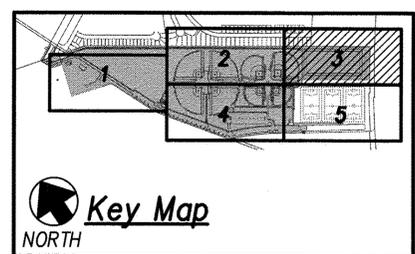
Match Line: See Sheet C-18

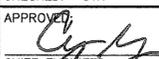
Match Line: See Sheet C-21

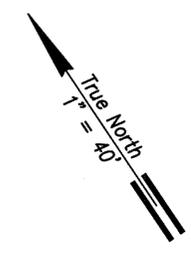
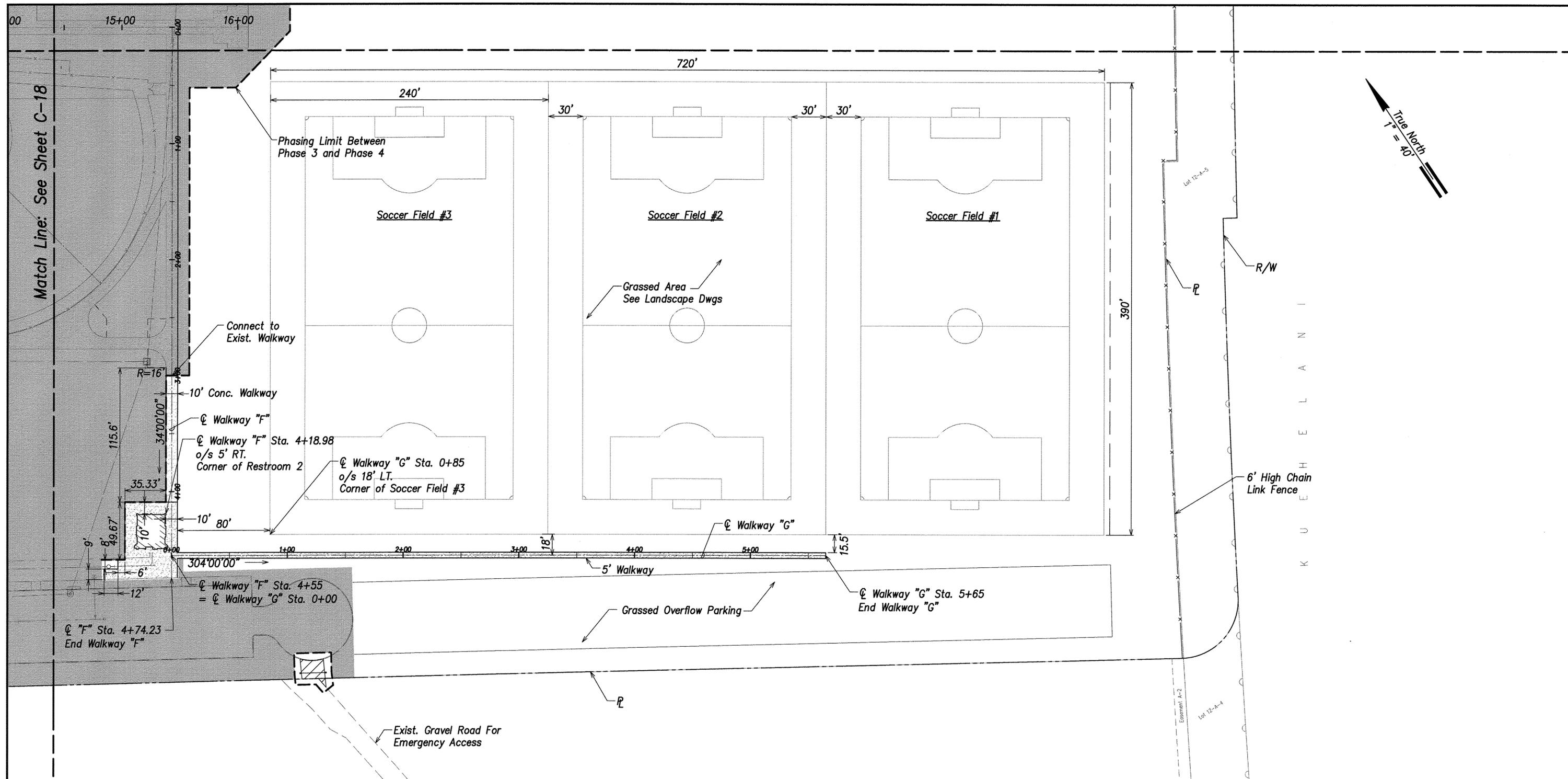
H I C H W A Y

- Legend**
- Property Line
 - Exist. Easement
 - Project Limit
 - N.I.C. (Ph. 1, 2, 3)
 - Concrete Walkway

Site Plan - 3
Scale: 1" = 40'



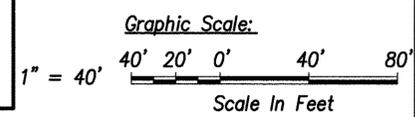
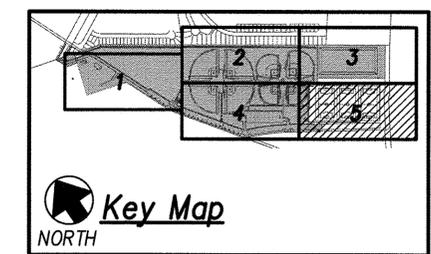
REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
					
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION CENTRAL MAUI REGIONAL SPORTS COMPLEX PHASE 4 WAILUKU, MAUI, HAWAII SITE PLAN - 3					
DESIGNED: GR/NN/JP		SUBMITTED: ---			
DRAWN: GR/NN/JP		DATE: AUGUST 2016			
CHECKED: GTR		SCALE: AS SHOWN			
APPROVED: 		AUG - 8 2016		DRAWING NO. C-19	
R. M. TOWILL CORPORATION CHIEF ENGINEER		DATE			

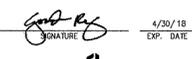


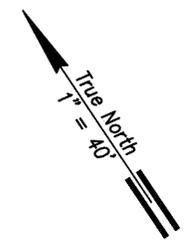
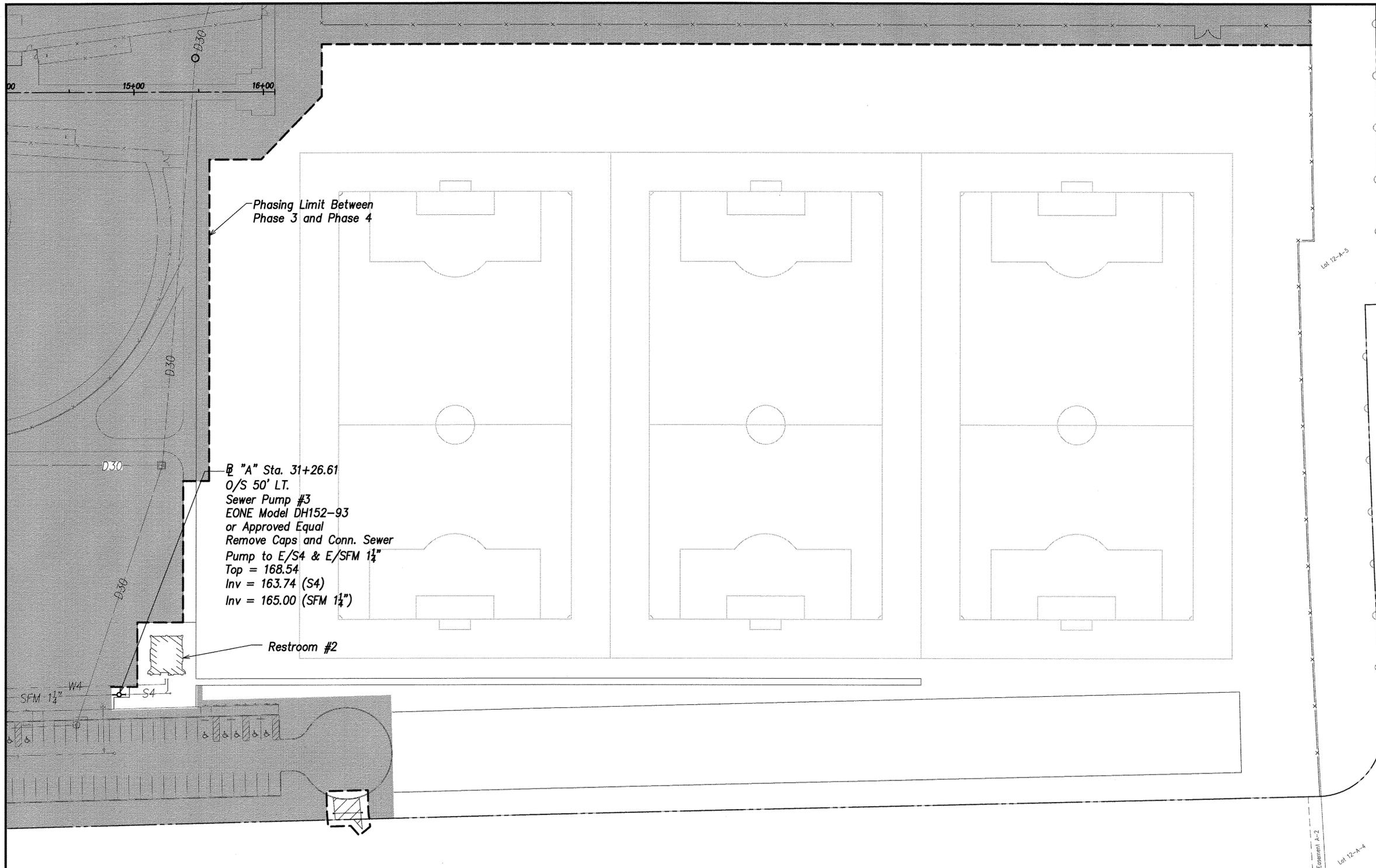
Match Line: See Sheet C-18

- Legend**
- Property Line
 - Exist. Easement
 - Project Limit
 - N.I.C. (Ph. 1, 2, 3)
 - Concrete Walkway

Site Plan - 5
Scale: 1" = 40'



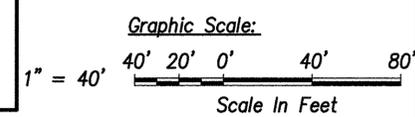
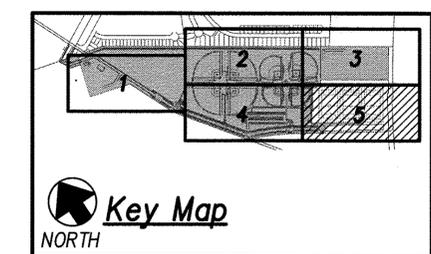
REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
					
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION CENTRAL MAUI REGIONAL SPORTS COMPLEX PHASE 4 WAILUKU, MAUI, HAWAII SITE PLAN - 5					
DESIGNED: GR/NN/JP		SUBMITTED: ---			
DRAWN: GR/NN/JP		DATE: AUGUST 2016			
CHECKED: GTR		SCALE: AS SHOWN			
APPROVED: 		DRAWING NO. C-21			
R. M. TOWILL CORPORATION <small>Professional Engineering Services - Honolulu, Hawaii</small>		AUG - 8 2016 DATE		JOB NO. F93C817E	



K U E H E L A N I

- Legend**
- Property Line
 - Exist. Easement
 - Project Limit
 - N.I.C. (Ph. 1, 2, 3)

Utility Plan - 5
Scale: 1" = 40'



REVISION NO.	SYM.	DESCRIPTION	SHT./OF	DATE	APPROVED
STATE OF HAWAII DEPARTMENT OF LAND AND NATURAL RESOURCES ENGINEERING DIVISION CENTRAL MAUI REGIONAL SPORTS COMPLEX PHASE 4 WAILUKU, MAUI, HAWAII UTILITY PLAN - 5					
DESIGNED: GR/NN/JP		SUBMITTED: --			
DRAWN: GR/NN/JP		DATE: AUGUST 2016			
CHECKED: GTR		SCALE: AS SHOWN			
APPROVED:		DATE: AUG - 8 2016		DRAWING NO. C-26	