

State of Hawaii
DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESOURCE MANAGEMENT DIVISION
Honolulu, Hawaii

ADDENDUM NO 4

TO

KAMUELA VACUUM COOLING PLANT
DEMOLITION OF INACTIVE VACUUM COOLING WAREHOUSE

October 27, 2022

The items listed hereinafter are hereby made a part of the contract for the above project and shall govern the work, taking precedence over previously issued plans and specifications governing the items mentioned.

CLARIFICATIONS

1. Please provide details for patching the concrete pad if any of it should need to be replaced or patched after the warehouse demolition.

Response: Please refer to Addendum No. 4, revised Sheet C-101, and Spec Section 02050 Demolition for details.

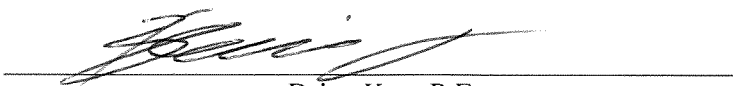
CONTRACT SPECIFICATIONS

1. Delete Spec Section 02050 Demolition and replace with the attached Addendum No 4 Spec Section 02050 Demolition.

DRAWINGS

1. Delete Sheet C-101 in its entirety and replace with attached Addendum No 4, Sheet C-101.

State of Hawaii
DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESOURCE MANAGEMENT DIVISION
Honolulu, Hawaii



Brian Kau, P.E.
Administrator and Chief Engineer
Agricultural Resource Management Division

SECTION 02050

DEMOLITION

PART 1 - GENERAL

- 1.1 **GENERAL REQUIREMENTS:** The work includes demolition and removal as indicated in the plans or specified herein. All materials resulting from demolition work, except as indicated or specified otherwise, shall become the property of the Contractor, shall be removed from the limits of Government property, and disposed of at a permitted solid waste management facility allowed and willing to accept such waste or out of state disposal facility. Remove rubbish and debris from the job site daily, unless otherwise directed. Store materials which cannot be removed daily in areas specified by the Engineer. The Contractor shall pay for all necessary permits and certificates that may be required in connection with this work.
- 1.2 **SUBMITTALS:** Submit proposed demolition, removal procedures, and disposal location to the Engineer for approval before work is started. Procedures shall provide for coordination with other work in progress and a detailed description of methods and equipment to be used for each operation, and sequence of operations.
- 1.3 **DUST CONTROL:** Take appropriate action to check the spread of dust to the surrounding area and to avoid the creation of a nuisance in the surrounding area. Do not use water if it results in hazardous or objectionable conditions, such as flooding or pollution. Comply with all dust regulations imposed by local air pollution agencies.
- 1.4 **PROTECTION**
 - A. **Existing Improvements:** Protect existing improvements that are to remain in place, that are to be reused, or that is to remain the property of the Engineer by temporary covers, shoring, bracing, and supports. Repair items damaged during performance of the work or replace with new to the satisfaction of the Engineer. Do not overload structural elements. Provide new supports or reinforcement for existing construction weakened by demolition, removal, and relocation work. Construction equipment and vehicles shall neither be permitted on, nor shall be stored on the existing work that is to remain in place.
 - B. **Trees:** Protect trees within the project site which might be damaged during the demolition work.
 - C. **Public Safety:** Where pedestrian and driver safety is endangered in the work or storage areas, use traffic barricades with flashing lights. Notify the Engineer prior to beginning any such work. The Contractor shall conduct operations with minimum interference to streets, driveways, sidewalks, and passageways, etc.
 - D. **Explosives:** Use of explosives will not be permitted.

PART 2 - PRODUCTS (NOT USED)

PART 3 - EXECUTION

3.1 EXISTING FACILITIES

- A. The existence of active utility lines traversing the construction area other than those indicated is not definitely known. Should any be encountered, the Contractor shall not disconnect same without authorization of the Engineer, but shall inform the latter immediately of each discovery, and shall follow his instructions.

3.2 SAFETY

- A. Work shall be done in accordance with safety provisions of the Manual of Accident Prevention in Construction, published by the Associated General Contractors of America.

3.3 CONSTRUCTION

- A. Preserve and protect structures and utilities to remain or to be removed by others in accordance with the following from the "Hawaii Standard Specifications for Road and Bridge Construction," 2005: Subsection 104.11 – Utilities and Services; Subsection 107.12 – Protection of Persons and Property; and Subsection 108.16 – Contractor's Responsibility for Work; Risk of Loss or Damages.
- B. Remove obstructions that interfere with construction, such as the following:
 - 1. Signs, posts, raised bars, guardrails, and structures placed for the information, safety, direction, direction, or control of traffic.
 - 2. Monuments, fences, walls, and headers, except items indicated to remain.
 - 3. Curb and gutter, drainage and sewerage structures.
 - 4. Utility structures, such as pull boxes and handholes.

Remove existing columns flush with top of existing concrete slab. If reinforcing present, remove existing reinforcing to 1-inch below existing concrete slab and fill void with epoxy grout. Remove protrusions and fill voids with epoxy grout.

Remove existing roads that are not to remain in place. Removal includes rooting, plowing, pulverizing, or scarifying to a minimum depth of 6 inches or to bottom of new underlying base, whichever is less. Place earth cover of not less than 6 inches in thickness.

Remove abandoned utility lines, such as pipes and conduits, within the roadbed area contained inside project limits.

Seal pipes to be abandoned with one of the following:

1. Tight-fitting plug.
2. Wall of Class A or Class B concrete not less than 6 inches thick.
3. Brick wall not less than 8 inches thick with cement mortar joints.

Dispose of materials in accordance with “Hawaii Standard Specifications for Road and Bridge Construction,” 2005, Subsection 201.03 (F) – Removal and Disposal of Material.

Backfill trenches, depressions and pits left by the removal of obstruction to level of surrounding ground to the satisfaction of the Engineer.

3.4 DISPOSITION OF MATERIALS

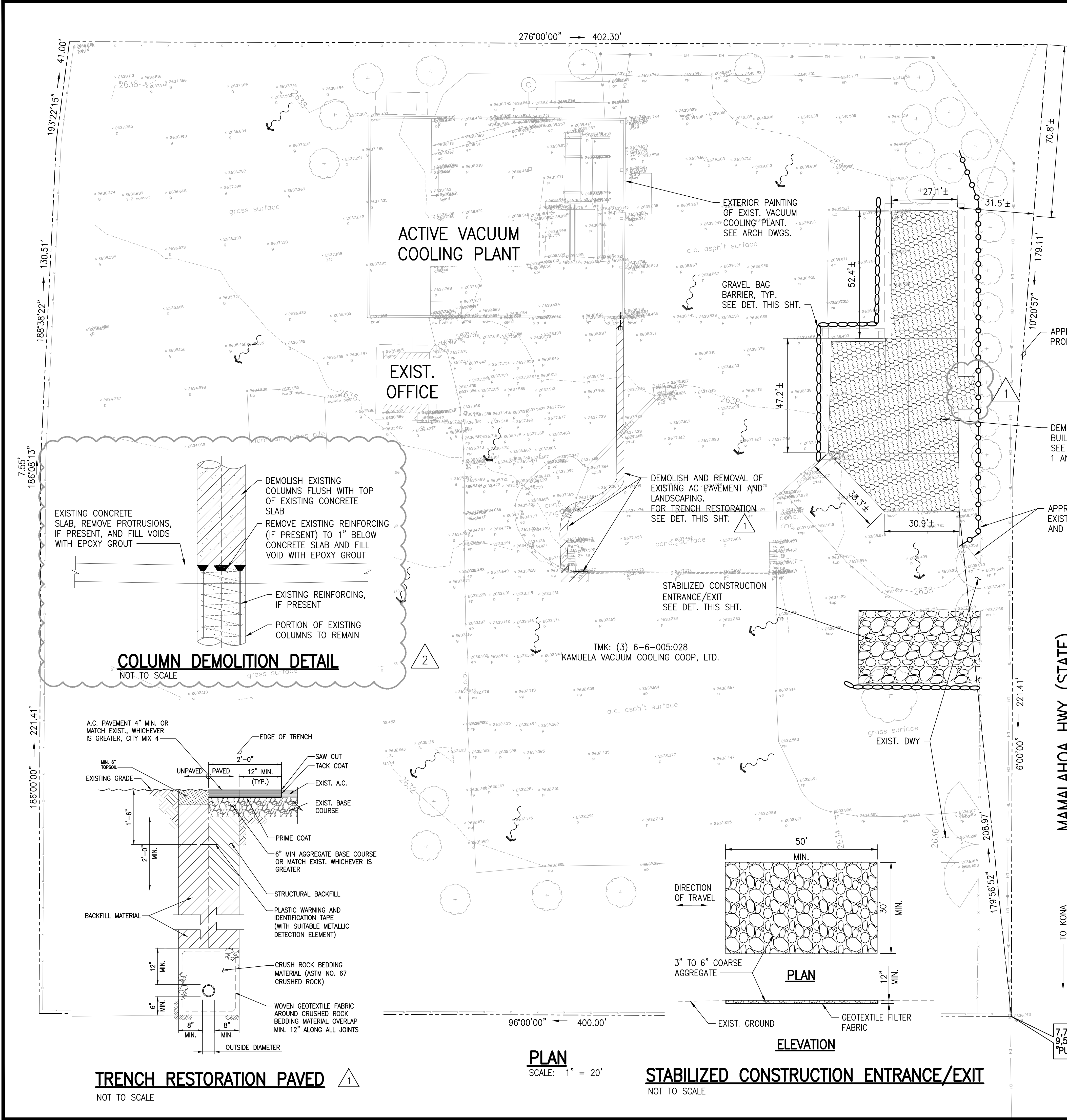
- A. Title to Materials: Title to all materials and equipment to be removed, except as specified otherwise, is vested in the Contractor upon receipt of notice to proceed. The Engineer will not be responsible for the condition or loss of, or damage to, such property after notice to proceed. Materials and equipment shall not be viewed by prospective purchasers or sold on the site. Burning or burying of materials on the site will not be permitted.
- B. When removing the materials from the property, truck loads shall be trimmed and loaded as to prevent spillage.

3.5 CLEANUP

- A. Debris and Rubbish: Remove and transport debris and rubbish in a manner that will prevent spillage into ocean or adjacent areas. Cleanup spillage from ocean and adjacent areas. The Contractor shall leave the premises clean, neat, and orderly.
- B. Regulations: Comply with Federal, State, and Local hauling and disposal regulations.

END OF SECTION

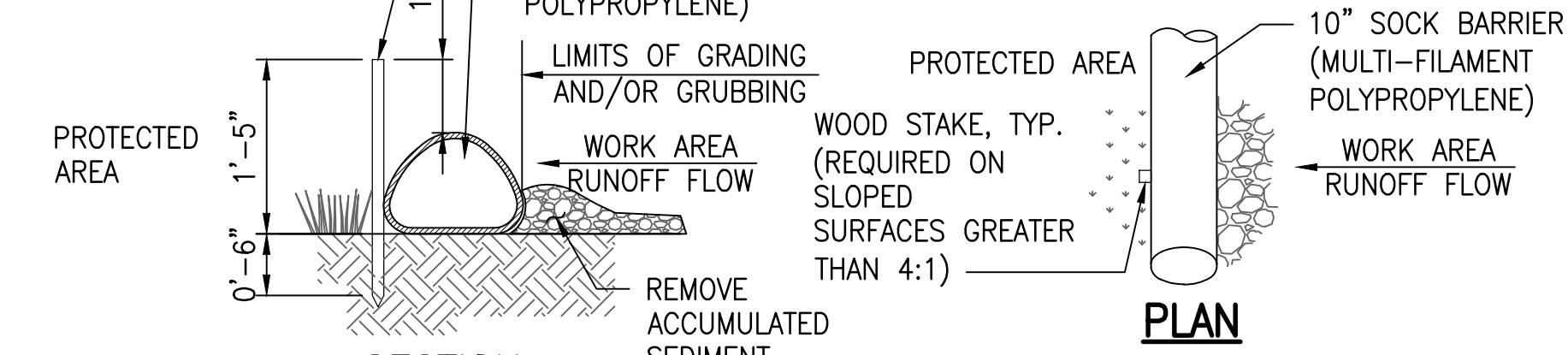
WA_CIVIL_3D_PROJECTS_2019_052_000.DWG KAMUELA VACUUM COOLING PLANT UPGRADE/RECONSTRUCTION 10/26/2022 10:25 AM RSK/ELG/SJG



LEGEND:

- PROPERTY LINE
- 2640 --- EXIST. MAJOR CONTOUR
- 2638 --- EXIST. MINOR CONTOUR
- GRASS SURFACE ---
- EXIST. ELECTRICAL OVERHEAD LINE ---
- SILT SOCK SEE DET. THIS SHT. ---
- EXIST. FLOW DIRECTION ---
- EXIST. AC PAVEMENT TO BE DEMOLISHED ---
- DEMOLISH EXIST. BUILDING/STRUCTURE ---
- STABILIZED CONSTRUCTION ENTRANCE/EXIT SEE DET. THIS SHT. ---

1"x 2" WOOD STAKE (REQUIRED ON SLOPED SURFACES GREATER THAN 4:1)



SLOPE GRADIENT	ANCHOR SPACING
<4:1	NOT REQUIRED
4:1 TO 3:1	10'
>3:1 TO 2:1	5' to 10'
>2:1	5'

NOTES:

1. SOCK BARRIER FILL COMPOSITION IS WOOD MULCH.
2. SOCK BARRIER FILL SHALL NOT CONTAIN BIOSOLIDS AND SHOULD BE CONSISTENT WITH EPA GUIDELINES.

SECTION

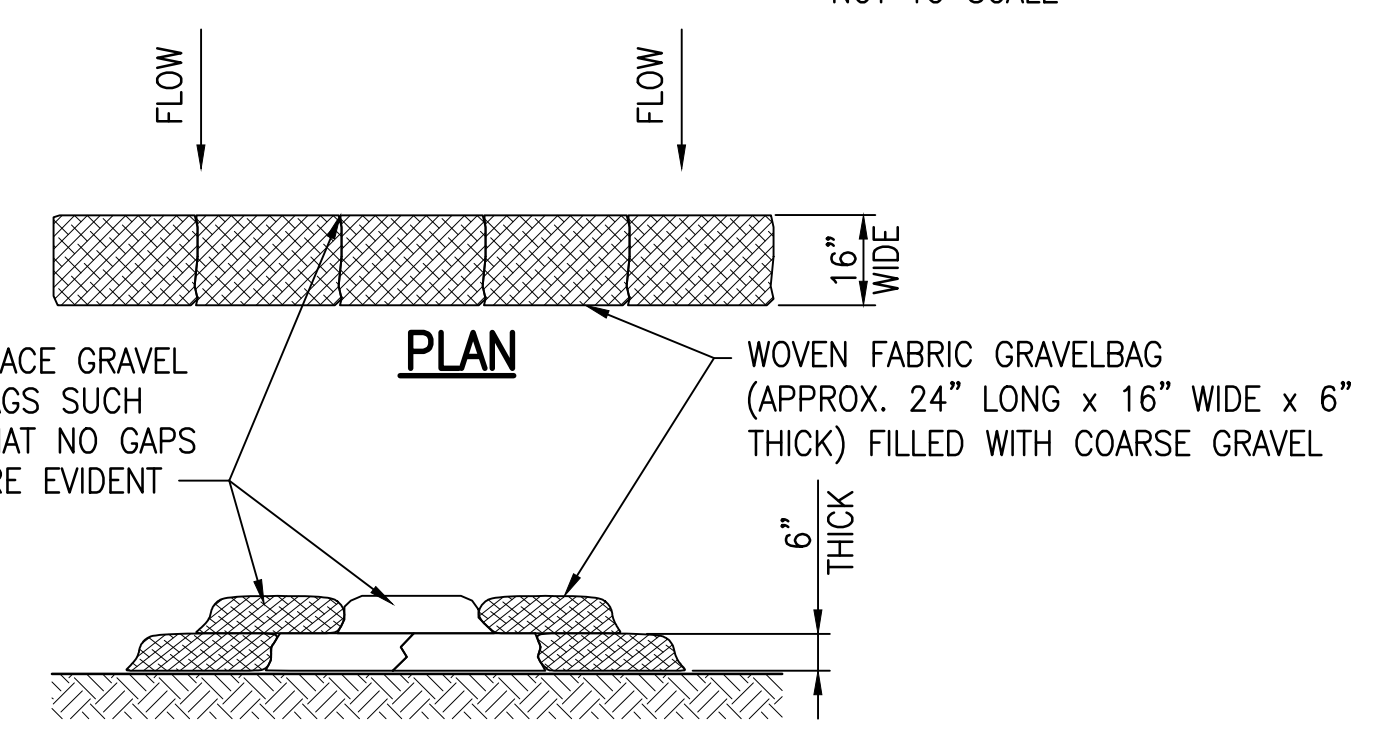
OVERLAP

SILT SOCK BARRIER DETAIL

NOT TO SCALE

NOTES:

1. USE GRAVEL BAGS IN PAVED AREAS.
2. REMOVE GRAVEL BAGS DURING NON-WORK HOURS, OR WHENEVER WORK IS NOT IN PROGRESS.
3. GRAVEL BARRIER BAGS CAN BE A SINGLE OR DOUBLE LAYER. IF A DOUBLE LAYER ARE USED, THE TOP BAGS MUST BE PLACED SUCH THAT NO GAPS ARE EVIDENT WITH THE LOWER LAYER OF BAGS.



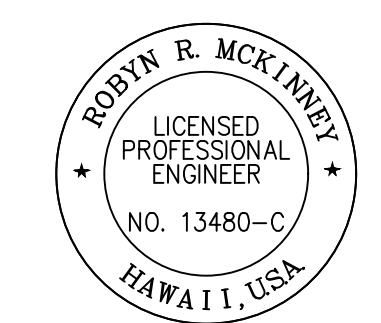
ELEVATION

GRAVEL BAG BARRIER DETAIL

NOT TO SCALE

CIVIL DEMOLITION NOTES:

1. EXISTING PAVEMENT AND CONCRETE FOUNDATIONS SHALL REMAIN SO THERE IS NO SOIL DISTURBANCE.
2. UTILITIES WITHIN DEMOLITION AREA SHALL BE CAPPED AND PLUGGED. UTILITY METERS SHALL REMAIN IN PLACE.
3. ALL REBARS, NAILS, OR OTHER OBJECTS SHALL BE SAWED OFF AT THE CONCRETE FACE.
4. ORANGE CONSTRUCTION FENCE SHALL BE PROVIDED AROUND DEMOLITION SITE.



4/30/2024
EXPIRATION DATE OF THE LICENSE

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION AND CONSTRUCTION OF THIS PROJECT WILL BE UNDER MY OBSERVATION. OBSERVATION OF CONSTRUCTION AS DEFINED IN CHAPTER 16-115, SUBCHAPTER 1, DEFINITIONS OF THE HAWAII ADMINISTRATIVE RULES, PROFESSIONAL ENGINEERS, ARCHITECTS, SURVEYORS, AND LANDSCAPE ARCHITECTS)

NOTE: CONTRACTOR TO CHECK AND VERIFY DIMENSIONS AT JOB BEFORE PROCEEDING WITH WORK.

REVISION	DATE	DESCRIPTION	MADE BY	APPROVED
1	10/27/22	ADDENDUM 4	RRM	
2	10/10/22	ADDENDUM 3	RRM	

SSFM INTERNATIONAL, INC.
99 Aupuni Street, Suite 202
Hilo, Hawaii 96720

KAMUELA VACUUM COOLING PLANT
DEMOLITION OF INACTIVE VACUUM COOLING WAREHOUSE

LALAMILO AHUPU'UA, SOUTH KOHALA, HAWAII ISLAND
OWNER: STATE OF HAWAII
MANAGED BY: DEPARTMENT OF AGRICULTURE
PROJECT NO. 00A4289
TAX MAP KEY: (3) 6-6-005:028

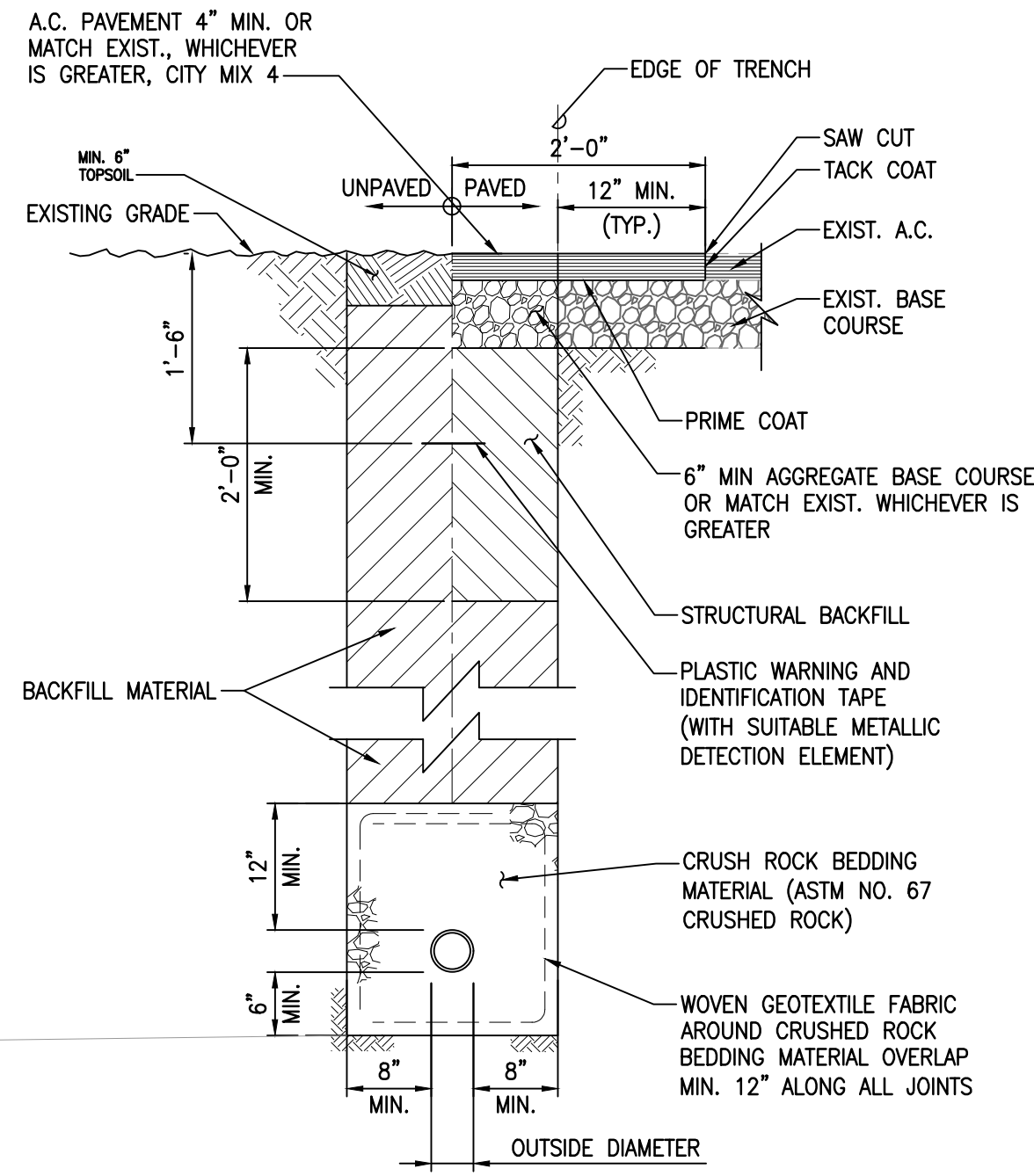
DEMOLITION PLAN

DRAWN BY: SUR	ENGINEER: RM	CHECKED BY: AND
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APPROVED:

TRENCH RESTORATION PAVED

NOT TO SCALE

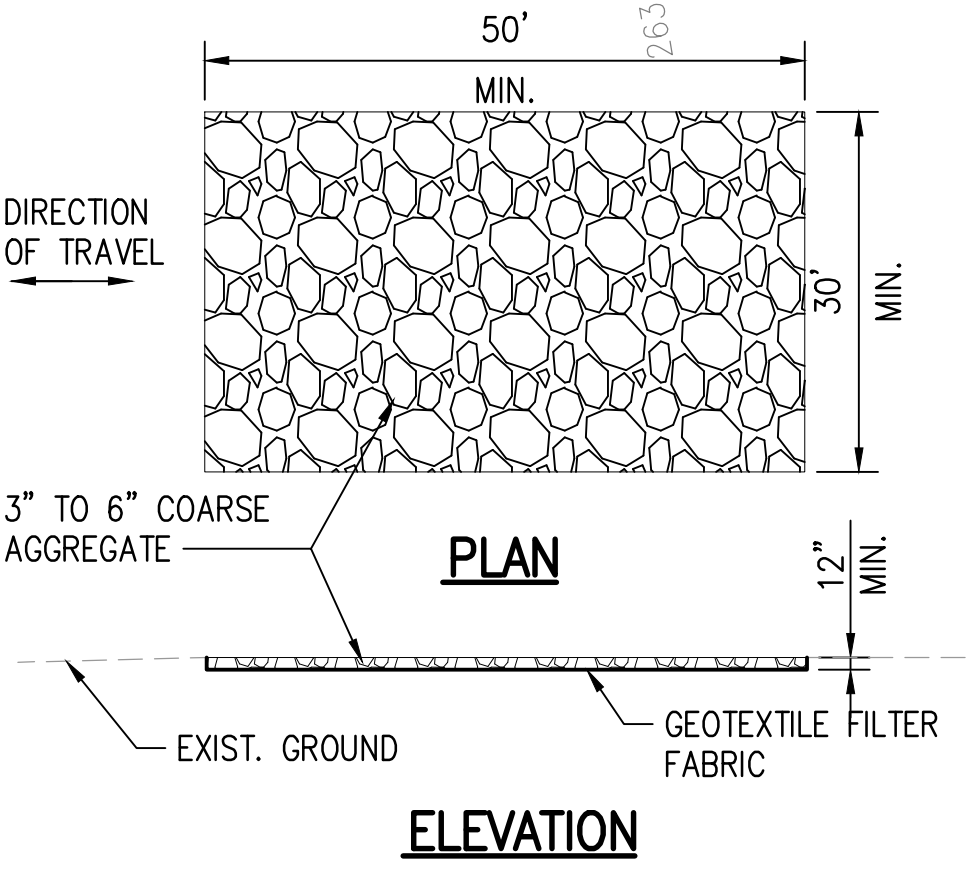


PLAN

SCALE: 1" = 20'

STABILIZED CONSTRUCTION ENTRANCE/EXIT

NOT TO SCALE



ELEVATION