

STATE OF HAWAII
DEPARTMENT OF DEFENSE
OFFICE OF THE ADJUTANT GENERAL
3949 DIAMOND HEAD ROAD
HONOLULU, HAWAII 96816-4495

August 17, 2017

ADDENDUM NO. 2
PHYSICAL SECURITY AND ENERGY IMPROVEMENTS AT
FT. RUGER, STATE OF HAWAII, DEPARTMENT OF DEFENSE,
HAWAII ARMY NATIONAL GUARD,
JOB NO. CA-1328-C4

The items listed hereinafter are hereby made a part of the contract for the above mentioned project and shall govern the work taking precedence over previously issued contract documents governing the items mentioned. Receipt of this addendum is to be acknowledged on page OF-7 of the proposer's packet.

The Bid Opening Date has been changed to
August 25, 2017 at 2:00pm.

The following are additional questions that were submitted.

1. Please provide geotechnical report for the project site as there is a significant amount of excavation and underground utilities for this project.
 - a. There is no geotechnical report for the project. Refer to project specifications for toning.
2. Are there any boring logs for the project site? The concrete footing depth for the Passive Vehicle Barrier is 8 ft. deep, therefore, would like to know what type of material will be encountered. What happens if we encounter solid material?
 - a. There are no boring logs for the project. If solid material is encountered contractor to submit RFI.
3. Sheet C-14, Passive Vehicle Barrier Plan w/reference detail drawing C-18 showing the type of barrier. Specification section 34-41-26, paragraph 1.3.3.1, calls for an ASTM M50 Rating. The detail shown on sheet C-18, is not M50 rated. It is possibly M30 rated. The M50 rating requires diagonal braces at the 16" square posts. Please clarify the intent and provide the proper detailed drawing.
 - a. ASTM M50 rating passive vehicle barrier is required. Sheet C-18 is supplied for reference only, as indicated in Note 1. Specific detailed drawings are to

be supplied by the manufacturer and should be submitted for approval prior to purchase and installation.

4. Also, to avoid any problems as to the need for Intermediate 16" square support posts, need to know the exact layout of each run with the post spacing and the requirement, if any, for intermediate 16" square support posts and diagonal braces. For example, at each break point of the barrier alignment.
 - a. Attached is Drawing C-14 indicating the approximate locations of the 16" square main posts required. The main posts are indicated with a red, filled-in, circle. The contractor shall provide intermediate post spacing per the manufacturers' recommendation.

Drawings Changes:

Drawing C-14

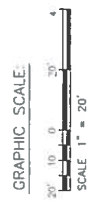
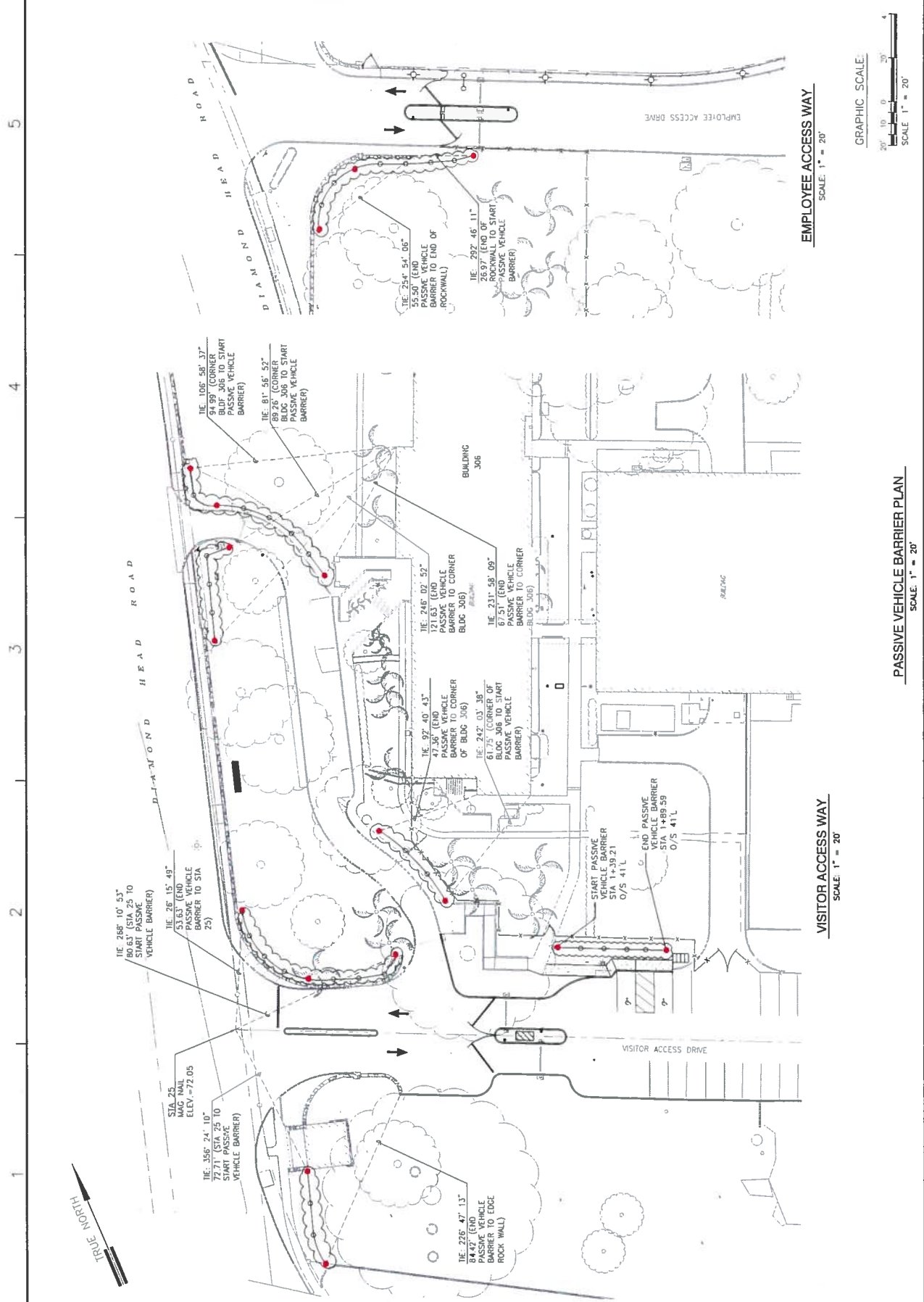
See answer to #3 and #4 above.

Drawing C-10

Drawing C-10 shows the reworking of the ADA parking area and sidewalk, due to ADA comments. Additional section of sidewalk is added to design. This include approximately 1,000 SF of AC pavement removal and replacement to make the grades work.

Arthur J. Logan
Major General
Adjutant General

Posted: August 17, 2017



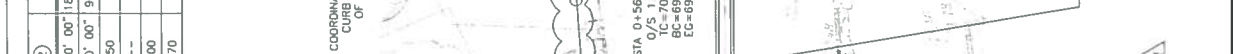
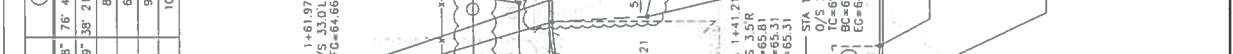
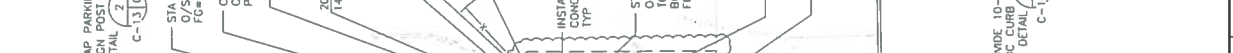
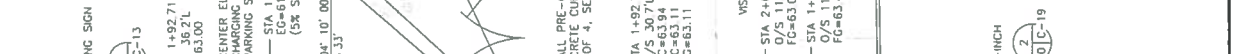
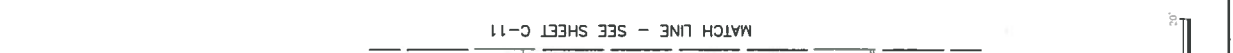
PASSIVE VEHICLE BARRIER PLAN
 SCALE: 1" = 20'

EMPLOYEE ACCESS WAY
 SCALE: 1" = 20'

1 2 3 4 5

1 2 3 4 5





CURVE	1	2	3	4	5	6	7	8	9	10	11
A	180° 00' 00"	180° 00' 00"	180° 00' 00"	180° 00' 00"	180° 00' 00"	180° 00' 00"	180° 00' 00"	180° 00' 00"	180° 00' 00"	180° 00' 00"	180° 00' 00"
A/2	90° 00' 00"	90° 00' 00"	90° 00' 00"	90° 00' 00"	90° 00' 00"	90° 00' 00"	90° 00' 00"	90° 00' 00"	90° 00' 00"	90° 00' 00"	90° 00' 00"
T	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50	1.50
Ch	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00	3.00
Lc	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70	4.70

CURVE DATA

STATION	STATION	STATION	STATION	STATION	STATION	STATION	STATION	STATION	STATION	STATION	STATION
1+07.63	1+34.75	1+61.97	1+89.79	2+01.15	2+32.37	2+63.59	2+94.81	3+26.03	3+57.25	3+88.47	4+19.69
O/S 43.78'L	O/S 33.0'L	O/S 33.0'L	O/S 33.0'L	O/S 30.3'L	O/S 31.6'L	O/S 33.0'L	O/S 33.0'L	O/S 33.0'L	O/S 33.0'L	O/S 33.0'L	O/S 33.0'L
IC=68.95	IC=68.95	IC=68.95	IC=68.95	IC=68.95	IC=68.95	IC=68.95	IC=68.95	IC=68.95	IC=68.95	IC=68.95	IC=68.95
EG=68.12	EG=68.12	EG=68.12	EG=68.12	EG=68.12	EG=68.12	EG=68.12	EG=68.12	EG=68.12	EG=68.12	EG=68.12	EG=68.12

