

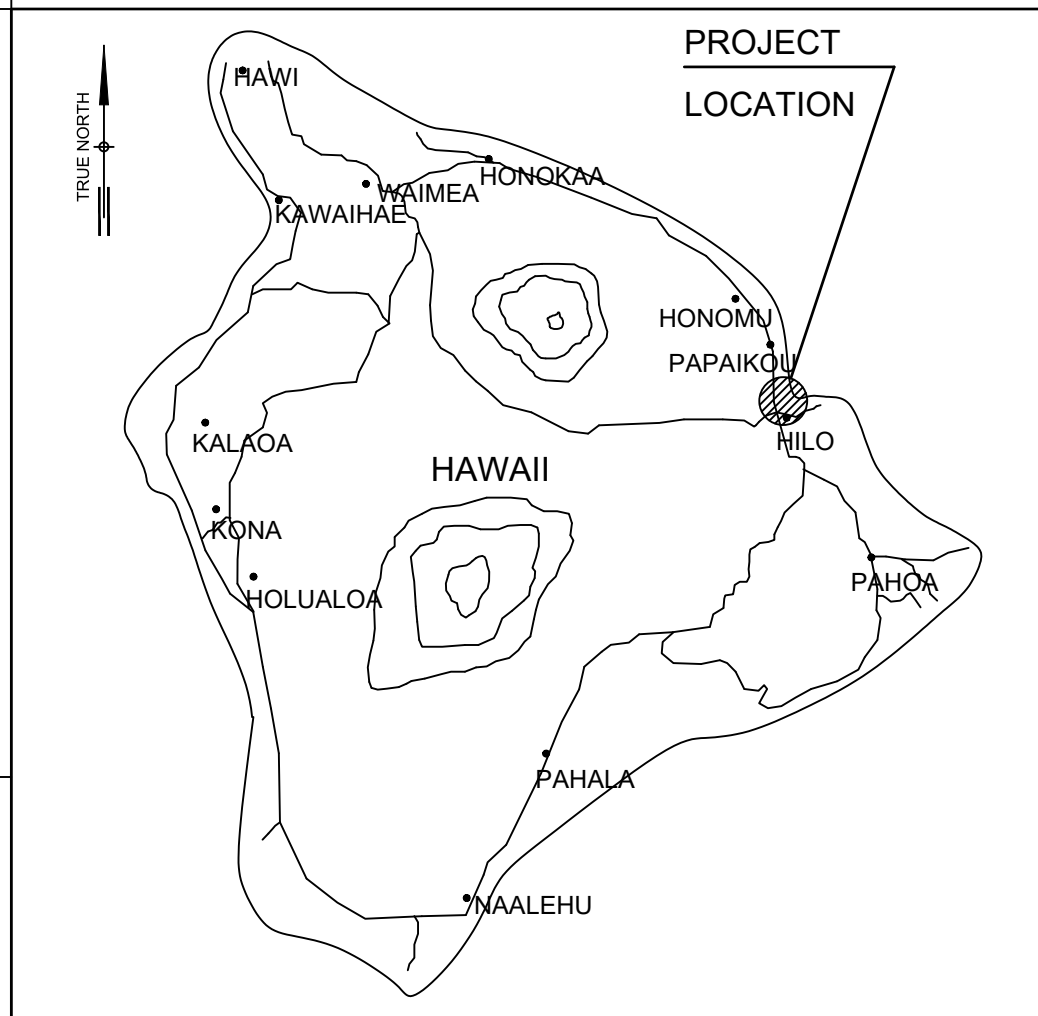
GRAVESITE RESTORATION FOR
EAST HAWAII VETERANS CEMETERY NO. 2

HILO, ISLAND OF HAWAII, HAWAII

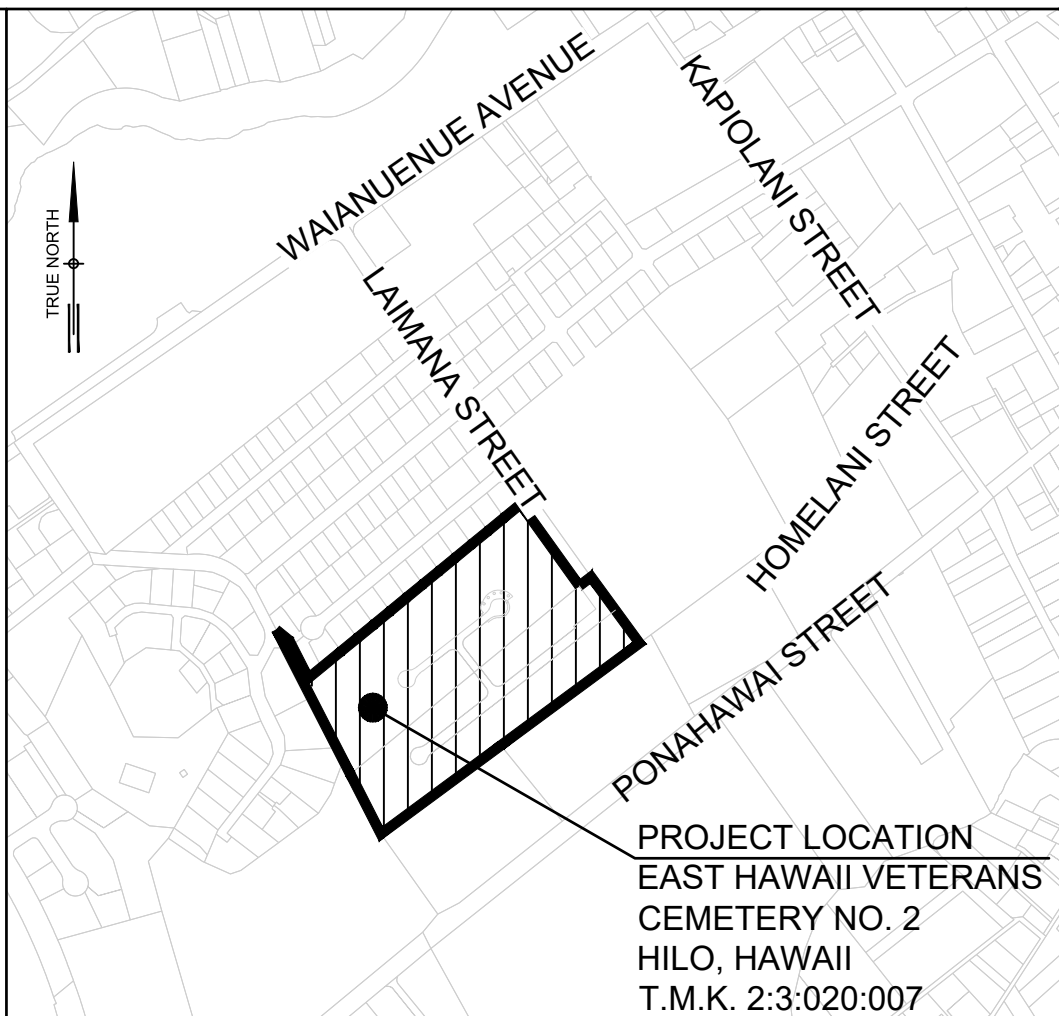
JOB NO.: CA-202617-C

FAI NO.: HI-10-29

FOR THE
DEPARTMENT OF DEFENSE
OFFICE OF VETERANS SERVICES
STATE OF HAWAII

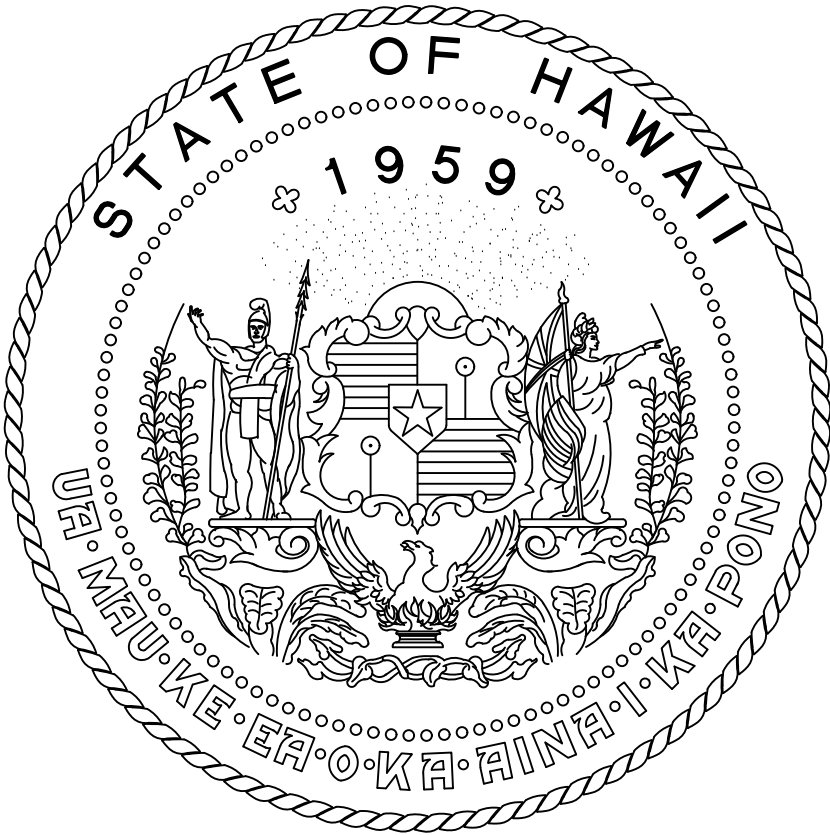


ISLAND OF HAWAII
NO SCALE



LOCATION MAP
NO SCALE

CONSULTANT	DISCIPLINE	ADDRESS
AECOM TECHNICAL SERVICES, INC.	CIVIL ENGINEER	1001 BISHOP STREET, SUITE 1600 HONOLULU, HAWAII 96813
PBR HAWAII & ASSOCIATES, INC.	LANDSCAPE ARCHITECT	1001 BISHOP STREET, SUITE 650 HONOLULU, HAWAII 96813



APPROVED:

ADJUTANT GENERAL, DEPARTMENT OF DEFENSE STATE OF HAWAII	DATE
DIRECTOR, OFFICE OF VETERANS SERVICES, DEPARTMENT OF DEFENSE STATE OF HAWAII	DATE
CHIEF ENGINEERING OFFICER, DEPARTMENT OF DEFENSE STATE OF HAWAII	DATE
DIRECTOR, DEPARTMENT OF PARKS AND RECREATION COUNTY OF HAWAII	DATE
MAYOR, COUNTY OF HAWAII	DATE

PROJECT DATA			
SECTIONS	BID/ALT	GRAVESITES*	DISTURBED AREA (ACRES)*
A-D	BASE BID	2,436	3.4
J	ADD ALT NO.1	613	0.6
K	ADD ALT NO.2	658	0.4
L	ADD ALT NO.3	385	0.3
H	ADD ALT NO.4	90	0.1
I	ADD ALT NO.5	209	0.1
E	ADD ALT NO.6	104	0.6
TOTAL		4495	5.5

*ESTIMATED, SUBJECT TO EXISTING GRAVESITE LAYOUT.

JOSH GREEN
GOVERNOR, STATE OF HAWAII

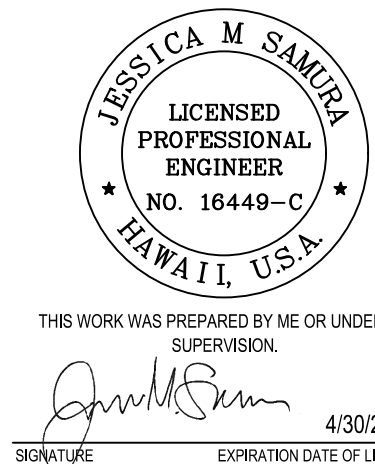
JOHN P. ALAMODIN
DIRECTOR OF HAWAII OFFICE OF VETERAN'S SERVICES,
STATE OF HAWAII

INDEX TO DRAWINGS

SHT	DWG	TITLE	SHT	DWG	TITLE
1	GI001	COVER SHEET	34	CG101	GRADING PLAN
2	GI002	GENERAL PLAN	35	CP101	SIGNAGE PLAN
3	V-101	EXISTING CONDITIONS PLAN	36	CS501	MISCELLANEOUS DETAILS - 1
4-5	C-001-C-002	CONSTRUCTION NOTES	37	CS502	MISCELLANEOUS DETAILS - 2
6	C-003	EROSION AND SEDIMENT CONTROL DETAILS	38-41	LP-01-LP-04	PLANTING PLANS
7	C-004	EROSION AND SEDIMENT CONTROL PLAN	42	LP-05	PLANT LIST, DETAILS, AND NOTES
8	CD101	DEMOLITION PLAN			
9-32	CS101	OVERALL SITE PLAN			
33	CS102-CS125	SITE PLANS			

ARCHITECT/ENGINEERS:

AECOM



Drawing Title
COVER SHEET

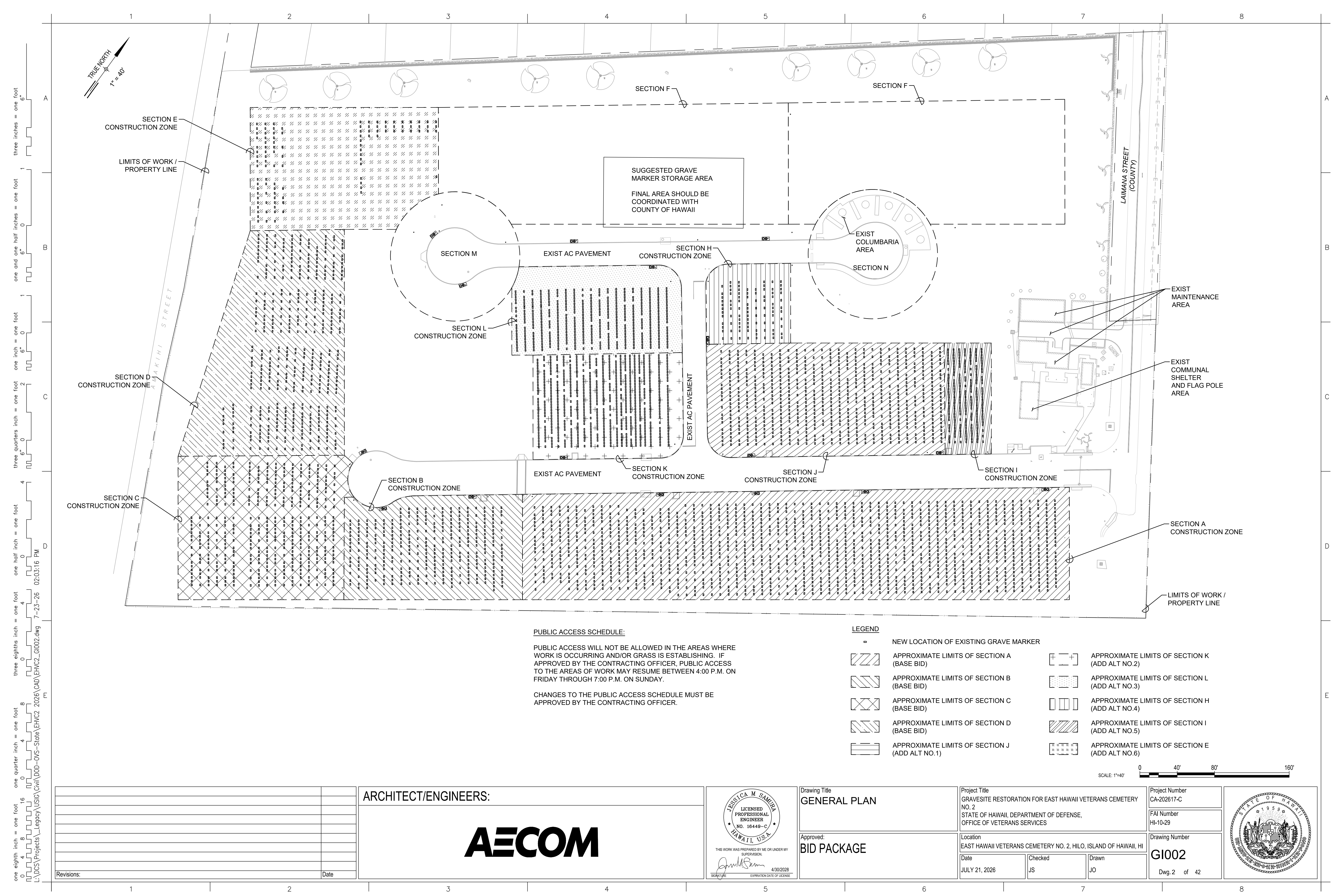
Approved:
BID PACKAGE

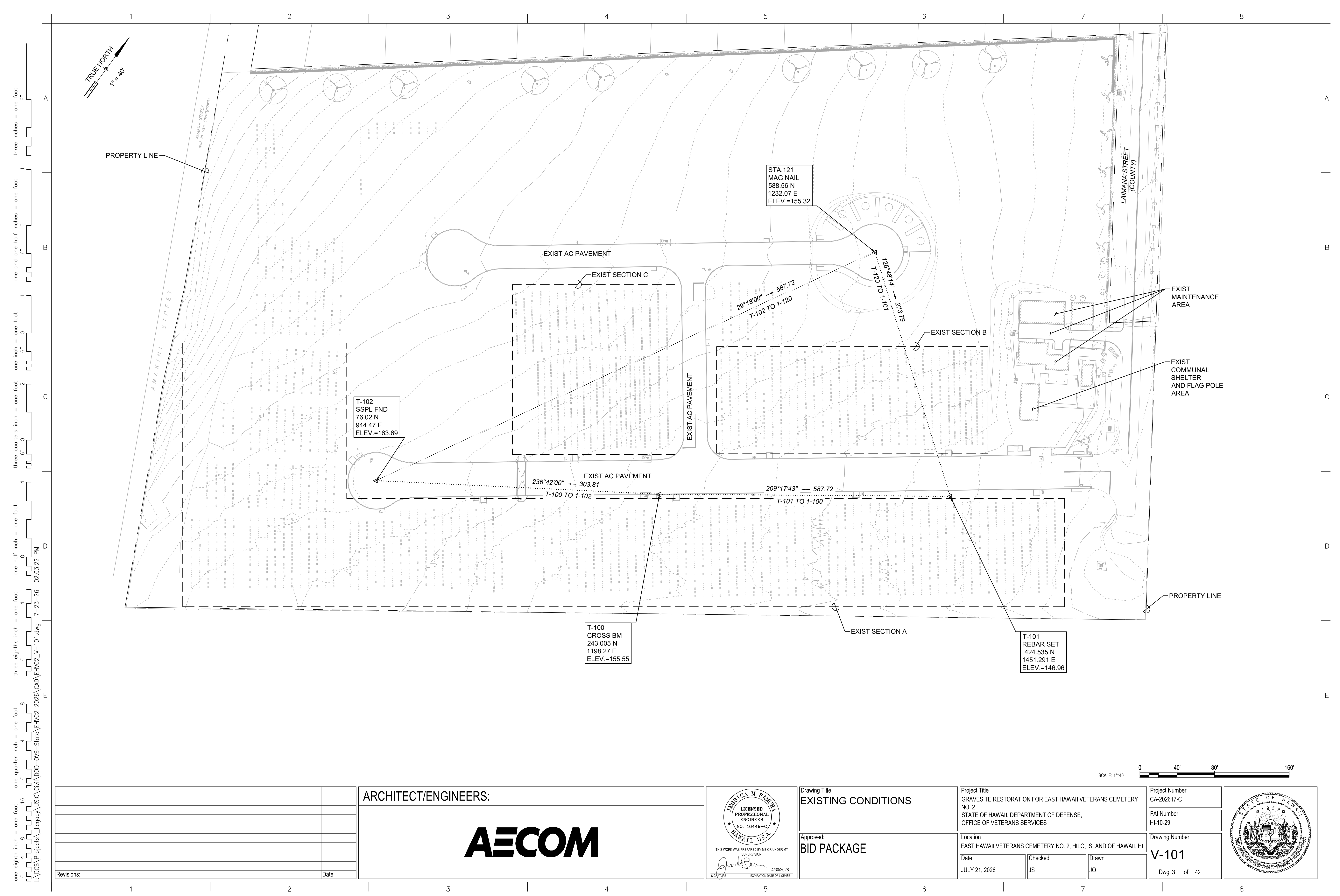
Project Title
GRAVESITE RESTORATION FOR EAST HAWAII VETERANS CEMETERY NO. 2
STATE OF HAWAII, DEPARTMENT OF DEFENSE,
OFFICE OF VETERANS SERVICES

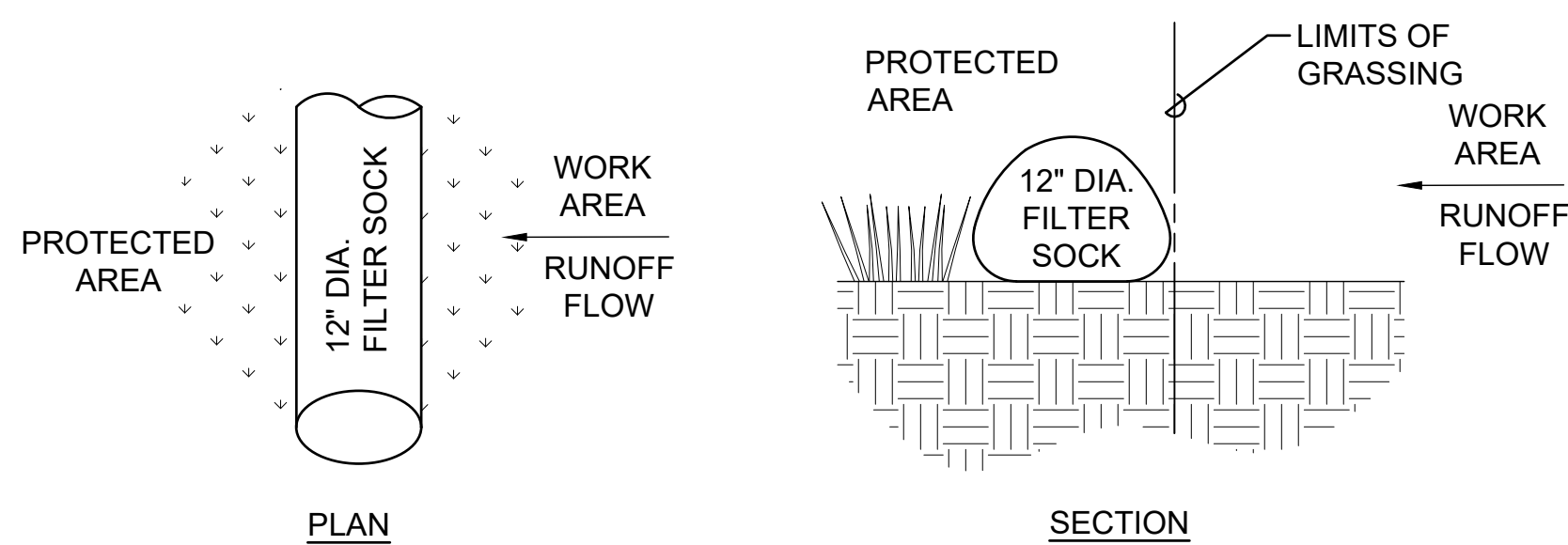
Location EAST HAWAII VETERANS CEMETERY NO. 2, HILO, ISLAND OF HAWAII, HI		
Date JULY 21, 2026	Checked JS	Drawn JO

Project Number CA-202617-C
FAI Number HI-10-29
Drawing Number GI001
Dwg.1 of 42









1. IN EVENT OF ABOVE NORMAL RAINFALL, THE CONTRACTOR SHALL REMOVE THE SEDIMENT FILTER AND REPLACE IT WHEN THE EVENT HAS PASSED.

1. INSTALLATION, INSPECTION, MAINTENANCE AND REMOVAL OF COMPOST FILTER SOCKS SHALL BE DONE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

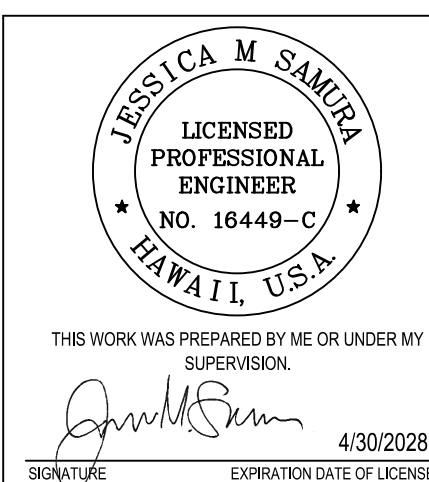
2. PROVIDE NECESSARY TRAINING FOR PERSONNEL WHO WILL BE RESPONSIBLE FOR IMPLEMENTATION OF BMPS.

MECHANICAL PROPERTIES	TEST METHOD	UNITS	MARV
GRAB TENSILE STRENGTH	ASTM D 4632	kN (lbs)	1.62 (365) X 0.89 (200)
GRAB TENSILE ELONGATION	ASTM D 4632	%	24 X 10
PUNCTURE STRENGTH	ASTM D 4833	kN (lbs)	0.40 (90)
MULLEN BURST STRENGTH	ASTM D 3786	kPa (psi)	3097 (450)
TRAPEZOID TEAR STRENGTH	ASTM D 4533	kN (lbs)	0.51 (115) X 0.33 (75)
UV RESISTANCE	ASTM D 4355	%	90
APPARENT OPENING SIZE	ASTM D 4751	Mm (US Std Sieve)	0.425 (40)
FLOW RATE	ASTM D 4491	1/min/ft ² (gal/min/ft) ²	5907 (145)
PERMITTIVITY	ASTM D 4491	Sec ⁻¹	2.1

[illegible]

ARCHITECT/ENGINEERS:

AECOM



Drawing Title
EROSION AND SEDIMENT
CONTROL DETAILS

Approved:
BID PACKAGE

Project Title
GRAVESITE RESTORATION FOR EAST HAWAII VETERANS CEMETERY NO. 2
STATE OF HAWAII, DEPARTMENT OF DEFENSE, OFFICE OF VETERANS SERVICES

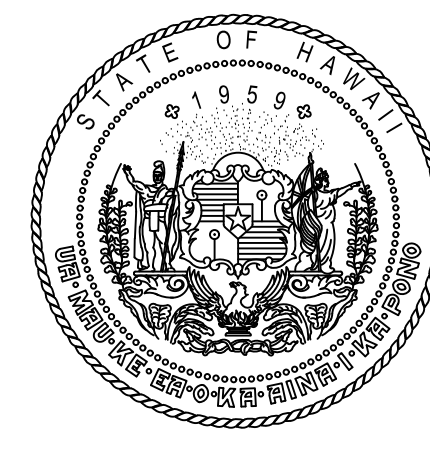
Location		
EAST HAWAII VETERANS CEMETERY NO. 2, HILO, ISLAND OF HAWAII,		
Date	Checked	Drawn
JULY 21, 2026	JS	JO

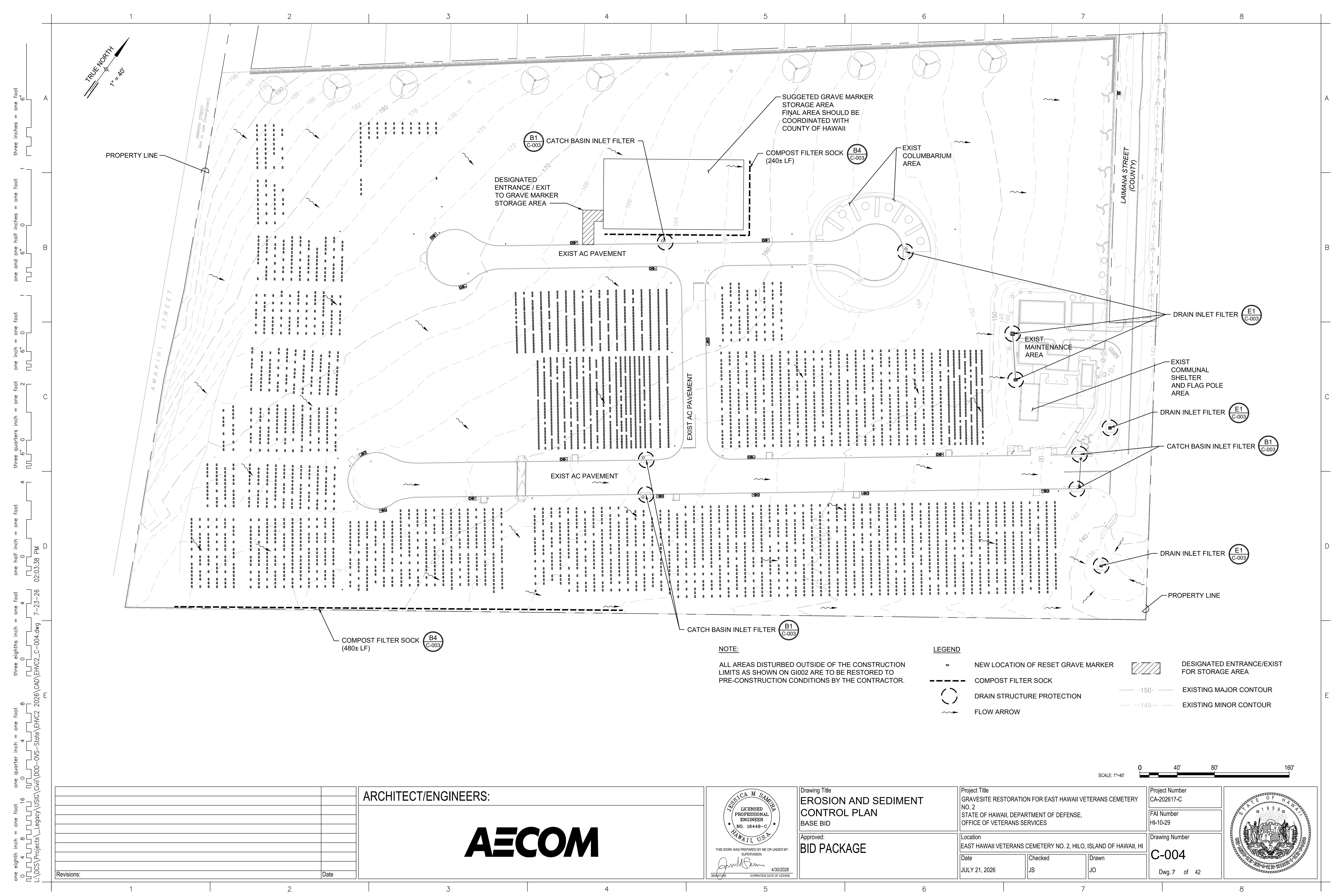
Project Number	CA-202617-C
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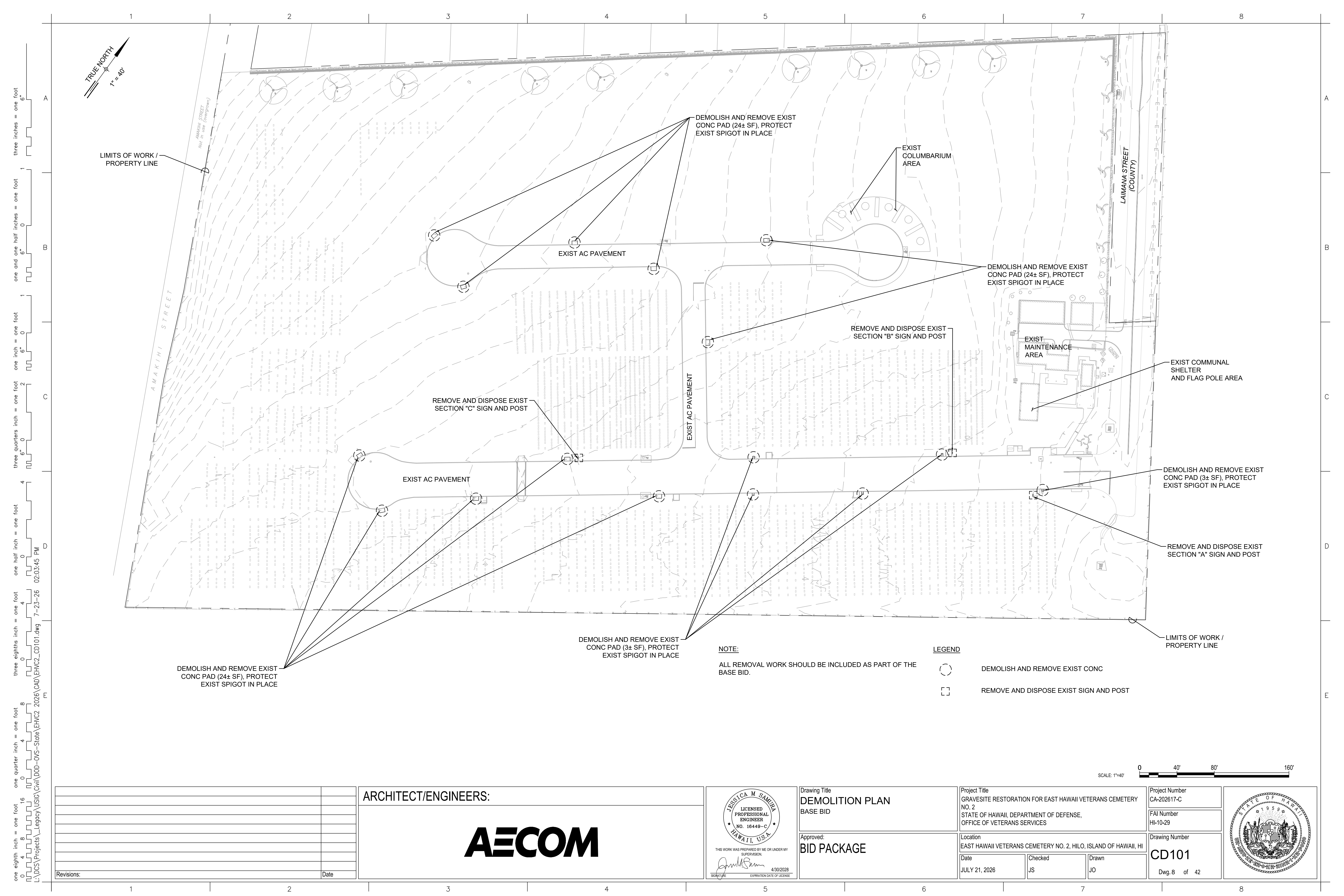
FAI Number
HI-10-29

Drawing Number
C-003

Dwg. 6 of 42

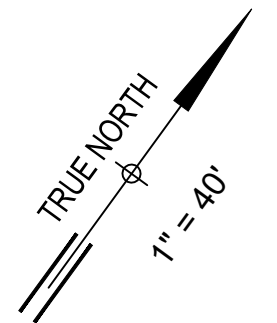






one eighth inch = one foot
one quarter inch = one foot
three eighths inch = one foot
one half inch = one foot
three quarters inch = one foot
one inch = one foot
one and one half inches = one foot
two inches = one foot
three inches = one foot

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LIMITS OF WORK /
PROPERTY LINE

AMAKI STREET
(overgrown)
Not in use

LAIMAMA STREET
(COUNTY)

CS124

CS125

CS114

ADD ALT NO.6

SUGGESTED GRAVE
MARKER STORAGE AREA

FINAL AREA SHOULD BE
COORDINATED WITH
COUNTY OF HAWAII

EXIST
COLUMBARIA
AREA

ADD ALT NO.3

CS121

CS120

CS122

ADD ALT NO.4

ADD ALT NO.1

ADD ALT NO.5

EXIST
MAINTENANCE
AREA

EXIST
COMMUNAL
SHELTER
AND FLAG POLE
AREA

LIMITS OF WORK /
PROPERTY LINE

CS112

CS113

ADD ALT NO.2

CS119

CS118

CS117

CS116

CS115

CS123

CS111

CS110

CS109

CS108

CS107

CS106

CS105

CS104

CS103

CS102

BASE BID

NOTES:

1. FLAT GRAVE MARKERS ARE APPROXIMATELY 24"x12"x3" OR 4" AND WEIGH APPROXIMATELY 90 (3" THICK) TO 130 (4" THICK) POUNDS.
2. GRAVE MARKER INFORMATION INCLUDING NORTHING AND EASTING COORDINATES IS INCLUDED WITH THE BID PACKAGE.
3. INSTALL NEW PYLON BURIAL SECTION MARKERS PER CP101 OR AT A CONTRACTING OFFICER-APPROVED LOCATION. INSTALL PER NATIONAL CEMETERY SIGNS STANDARDS. SEE SHEET CP101.
4. IF A SECTION DOES NOT HAVE ANY EXISTING SECTION MARKER, INSTALL NC-07.03 SECTION MARKERS OR APPROVED EQUAL FOR THAT SECTION, PLACED AT THE BEGINNING OF EACH SECTION 2' MINIMUM FROM EDGE OF PAVEMENT OR BACK-OF-CURB. SEE SHEET CP101.
5. CONTRACTOR TO CAREFULLY REMOVE EXISTING FLORAL VASES. ALL FLORAL VASE REMOVAL WORK (INCLUDING LABELING) IS STATE FUNDED. SEE PROJECT MANUAL SECTION A.6.5.C FOR HANDLING OF THE REMOVED VASES.

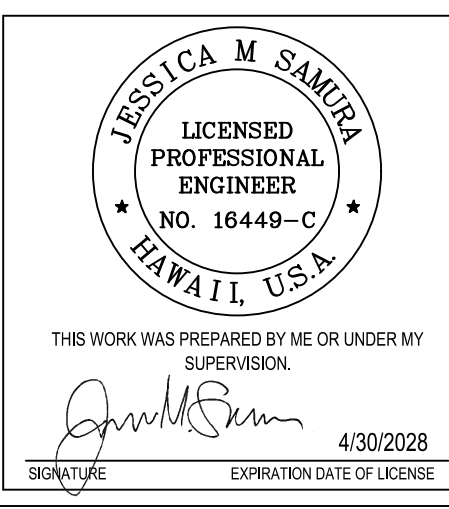
LEGEND

- | | | | | | |
|----------|------------------------------------|----------|--------------|----------|--------------|
| [Symbol] | NEW LOCATION OF RESET GRAVE MARKER | [Symbol] | ADD ALT NO.2 | [Symbol] | ADD ALT NO.5 |
| [Symbol] | BASE BID | [Symbol] | ADD ALT NO.3 | [Symbol] | ADD ALT NO.6 |
| [Symbol] | ADD ALT NO.1 | [Symbol] | ADD ALT NO.4 | | |

SCALE: 1"=40'
0 40' 80' 160'

ARCHITECT/ENGINEERS:

AECOM



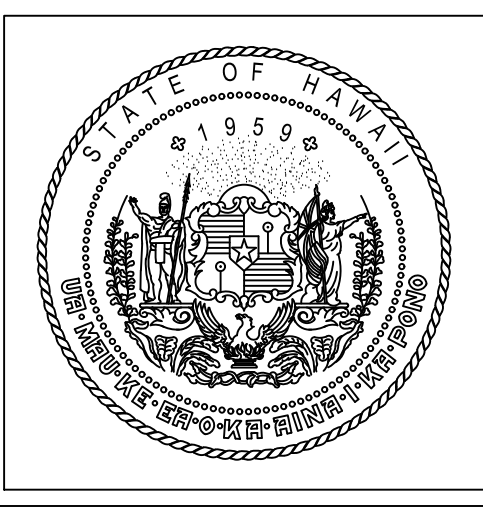
Drawing Title
OVERALL SITE PLAN

Approved:
BID PACKAGE

Project Title
GRAVESITE RESTORATION FOR EAST HAWAII VETERANS CEMETERY NO. 2
STATE OF HAWAII, DEPARTMENT OF DEFENSE,
OFFICE OF VETERANS SERVICES

Location EAST HAWAII VETERANS CEMETERY NO. 2, HILO, ISLAND OF HAWAII, HI		
Date JULY 21, 2026	Checked JS	Drawn JO

Project Number CA-202617-C
FAI Number HI-10-29
Drawing Number CS101
Dwg.9 of 42



one eighth inch = one foot
0 4 8 16
L:\DCS\Projects\Legacy\USIG\Civil\000-OVS-State\EHVC2\2026\CAD\EHVC2_CS102-107.dwg 7-23-26 02:04:17 PM

one quarter inch = one foot
0 4 8 16
L:\DCS\Projects\Legacy\USIG\Civil\000-OVS-State\EHVC2\2026\CAD\EHVC2_CS102-107.dwg 7-23-26 02:04:17 PM

three eighths inch = one foot
0 4 8 16
L:\DCS\Projects\Legacy\USIG\Civil\000-OVS-State\EHVC2\2026\CAD\EHVC2_CS102-107.dwg 7-23-26 02:04:17 PM

one half inch = one foot
0 4 8 16
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three quarters inch = one foot
0 4 8 16
L:\DCS\Projects\Legacy\USIG\Civil\000-OVS-State\EHVC2\2026\CAD\EHVC2_CS102-107.dwg 7-23-26 02:04:17 PM

one inch = one foot
0 4 8 16
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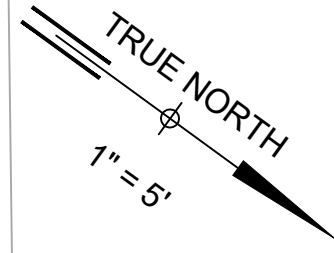
one and one half inches = one foot
0 4 8 16
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three inches = one foot
0 4 8 16
L:\DCS\Projects\Legacy\USIG\Civil\000-OVS-State\EHVC2\2026\CAD\EHVC2_CS102-107.dwg 7-23-26 02:04:17 PM

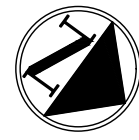
MATCHLINE

SEE CS103

CONT'D
(SEE INSET)



KEY PLAN
NOT TO SCALE



LEGEND



NEW TRASH RECEPTACLE



NEW FLORAL VASE RECEPTACLE

A-01:01

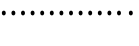
SECTION - ROW NUMBER : SITE NUMBER



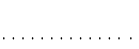
LOCATION OF EXISTING GRAVE MARKER



NEW LOCATION OF RESET & ALIGNED GRAVE MARKER
(TIE-POINT IS AT TOP RIGHT CORNER OF GRAVE MARKER)



ROW ALIGNMENT BASELINE



COLUMN ALIGNMENT LINE (ALONG RIGHT EDGE
OF GRAVE MARKERS)

NOTES:

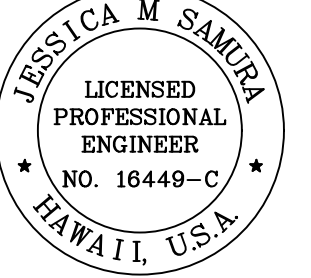
- FOR BENCHMARKS, CONTROL POINTS AND AZIMUTH / DISTANCE INFORMATION, SEE SHEET V-101.
- NORTHING / EASTING COORDINATES FOR ALL GRAVE MARKERS, ARE TO THE TOP RIGHT CORNER OF EACH MARKER.
- SEE GRAVE MARKER ALIGNMENT DETAIL AND GRAVE MARKER RESET DETAIL ON SHEET CS501.
- GRAVE MARKER ID NUMBERING BEGINS ON LEFT-HAND SIDE OF RESPECTIVE ROWS TO MATCH INVENTORY SPREADSHEET.

SCALE: 1"=5'-0"



ARCHITECT/ENGINEERS:

AECOM



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.
SIGNATURE: *Jessica M. Samura* 4/30/2028
EXPIRATION DATE OF LICENSE

Drawing Title
SITE PLAN - 1
SECTION A
BASE BID

Approved:
BID PACKAGE

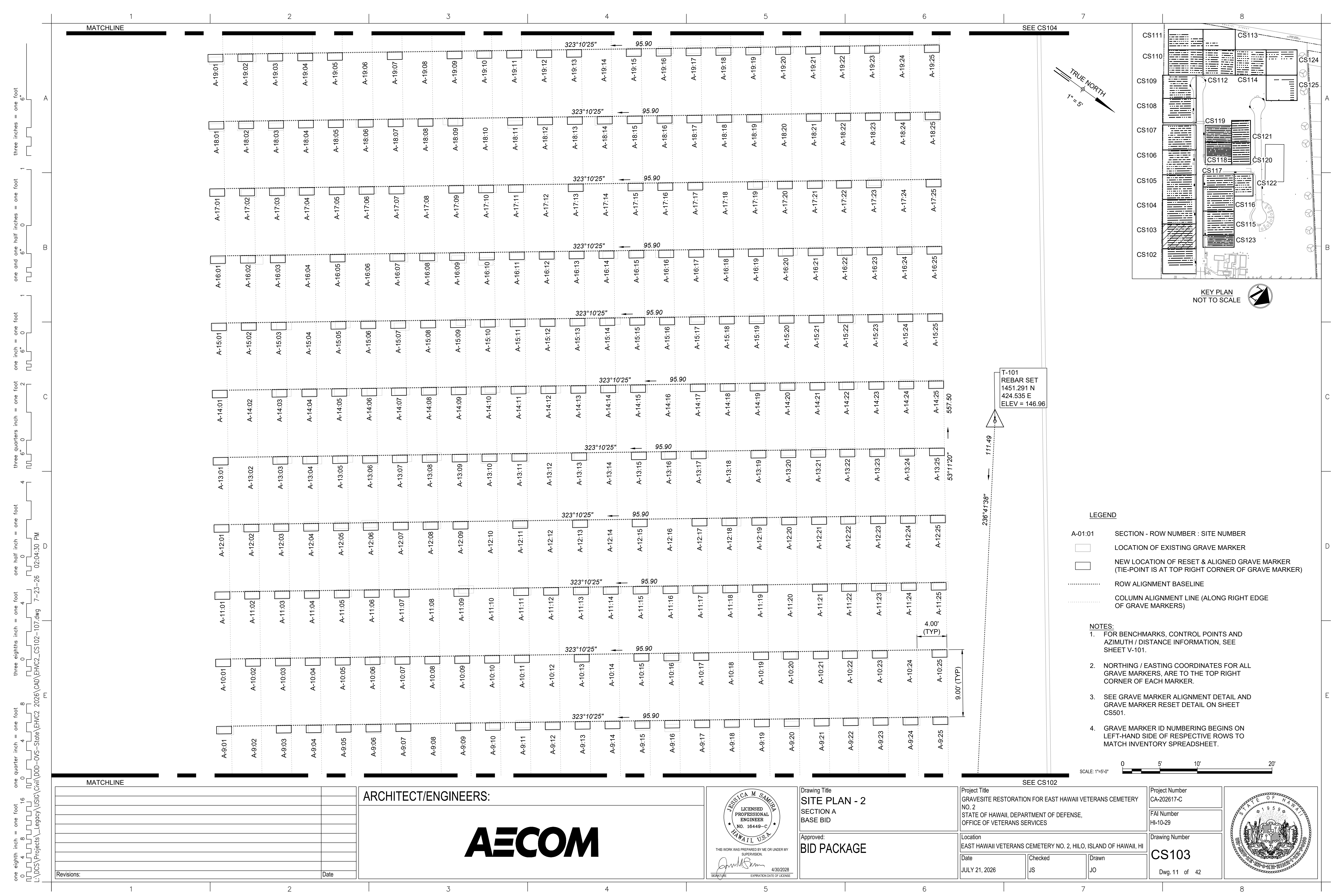
Project Title
GRAVESITE RESTORATION FOR EAST HAWAII VETERANS CEMETERY
NO. 2
STATE OF HAWAII, DEPARTMENT OF DEFENSE,
OFFICE OF VETERANS SERVICES

Location
EAST HAWAII VETERANS CEMETERY NO. 2, HILO, ISLAND OF HAWAII, HI

Date JULY 21, 2026	Checked JS	Drawn JO
-----------------------	---------------	-------------

Project Number CA-202617-C	FAI Number HI-10-29
Drawing Number CS102	Dwg.10 of 42





one eighth inch = one foot
0 4 8 16
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three eighths inch = one foot
0 4 8 16

one quarter inch = one foot
0 4 8 16

one half inch = one foot
0 4 8 16

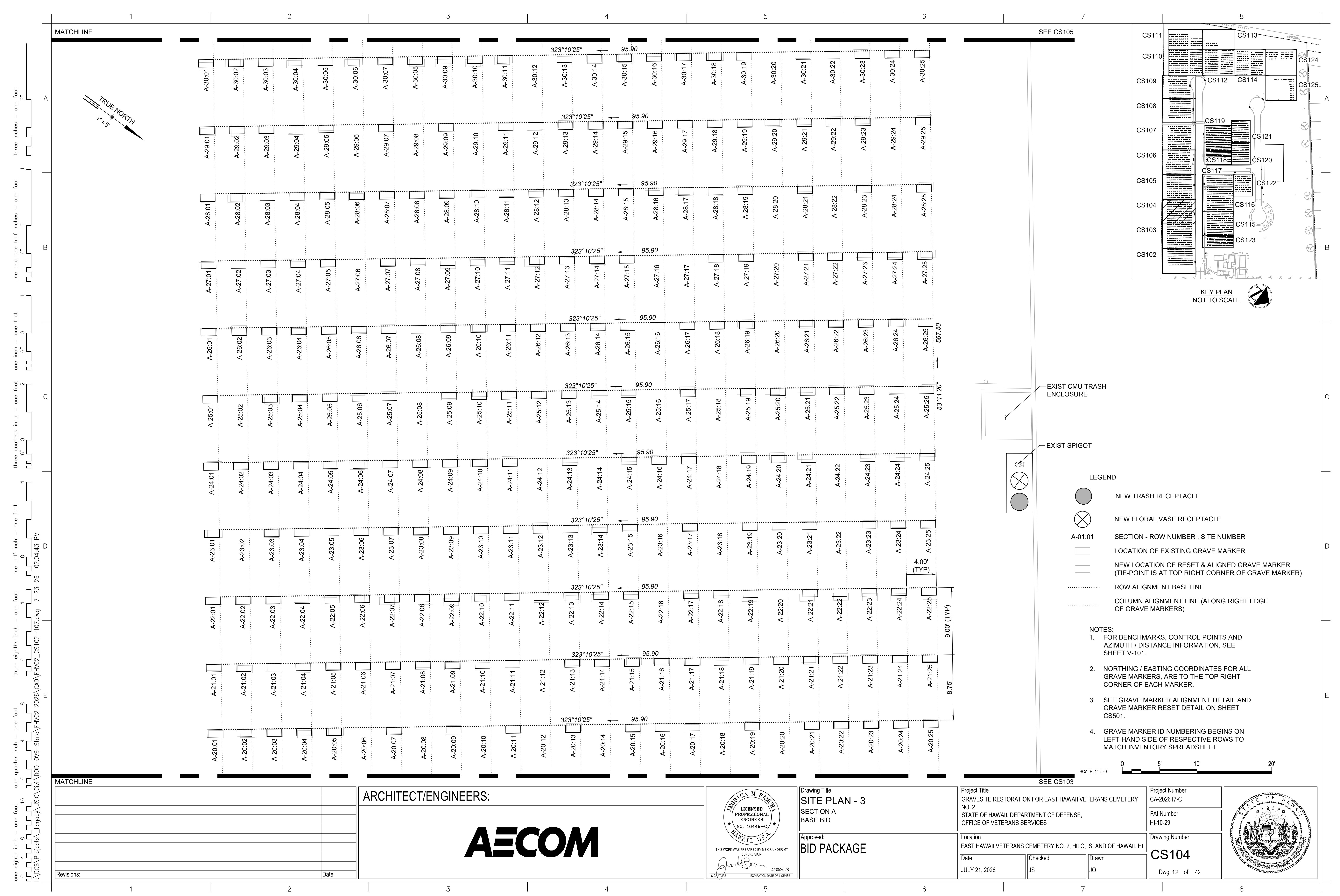
three quarters inch = one foot
0 4 8 16

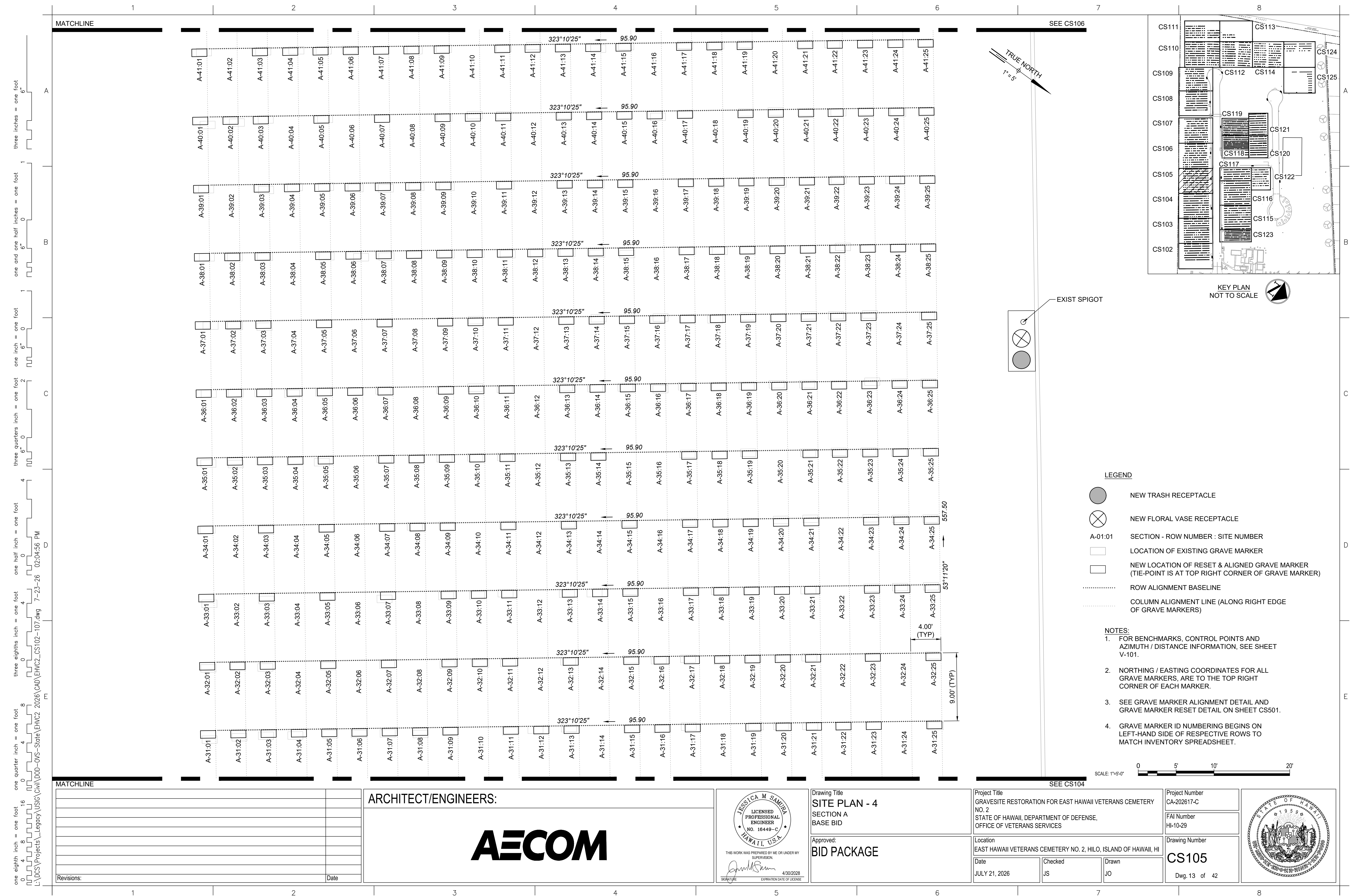
one inch = one foot
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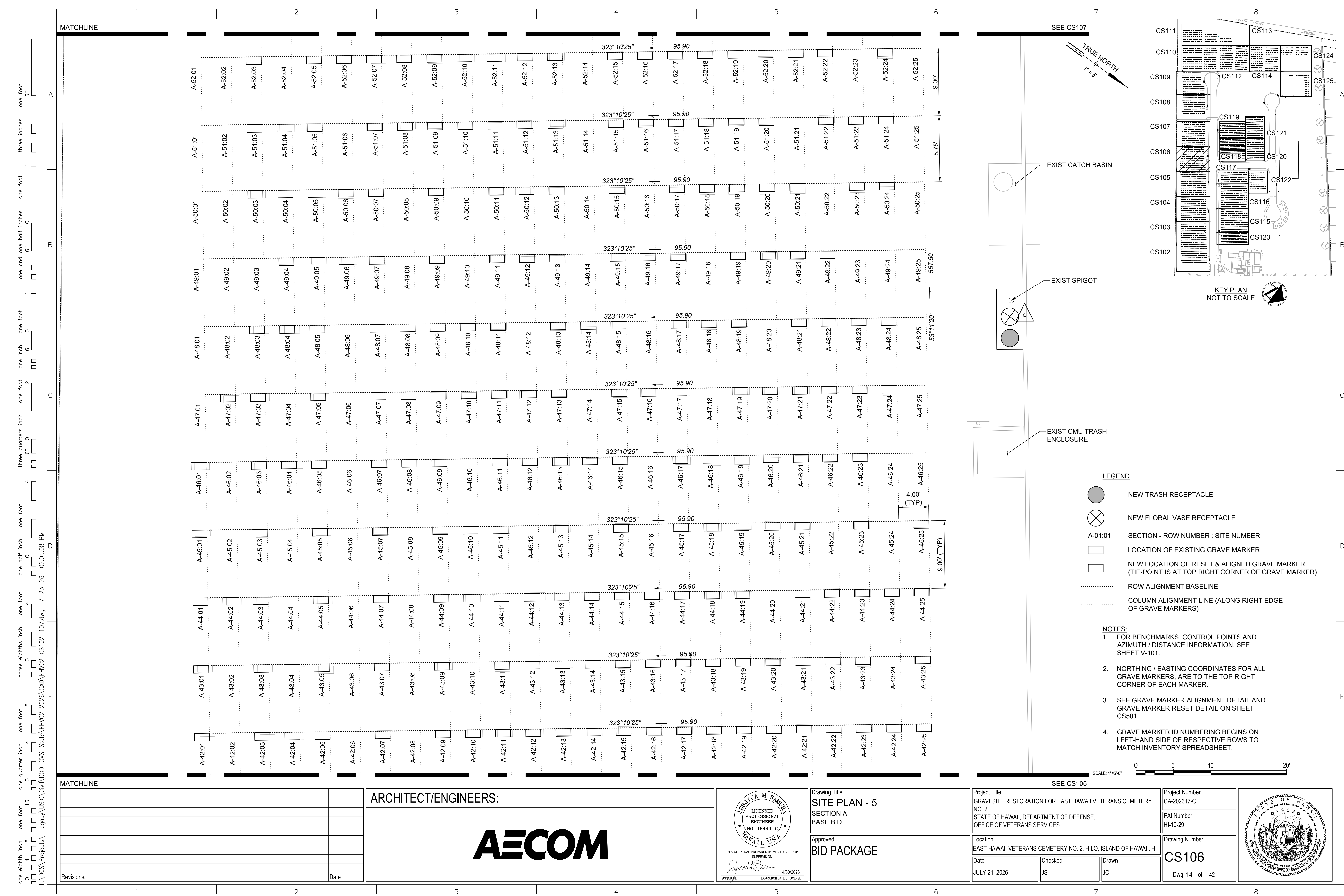
one and one half inches = one foot
0 6 12 18 24 30 36 42 48 54 60 66 72 78 84 90 96 102 108 114 120 126 132 138 144 150 156 162 168 174 180 186 192 198 204 210 216 222 228 234 240 246 252 258 264 270 276 282 288 294 300 306 312 318 324 330 336 342 348 354 360 366 372 378 384 390 396 402 408 414 420 426 432 438 444 450 456 462 468 474 480 486 492 498 504 510 516 522 528 534 540 546 552 558 564 570 576 582 588 594 600 606 612 618 624 630 636 642 648 654 660 666 672 678 684 690 696 702 708 714 720 726 732 738 744 750 756 762 768 774 780 786 792 798 804 810 816 822 828 834 840 846 852 858 864 870 876 882 888 894 900 906 912 918 924 930 936 942 948 954 960 966 972 978 984 990 996 1000

three inches = one foot
0 6 12 18 24 30 36 42 48 54 60 66 72 78 84 90 96 102 108 114 120 126 132 138 144 150 156 162 168 174 180 186 192 198 204 210 216 222 228 234 240 246 252 258 264 270 276 282 288 294 300 306 312 318 324 330 336 342 348 354 360 366 372 378 384 390 396 402 408 414 420 426 432 438 444 450 456 462 468 474 480 486 492 498 504 510 516 522 528 534 540 546 552 558 564 570 576 582 588 594 600 606 612 618 624 630 636 642 648 654 660 666 672 678 684 690 696 702 708 714 720 726 732 738 744 750 756 762 768 774 780 786 792 798 804 810 816 822 828 834 840 846 852 858 864 870 876 882 888 894 900 906 912 918 924 930 936 942 948 954 960 966 972 978 984 990 996 1000

A
B
C
D
E







one eighth inch = one foot
0 4 8 16
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one quarter inch = one foot
0 4 8
three eighths inch = one foot
0 4 8
one half inch = one foot
0 4
three quarters inch = one foot
0 2 4
one inch = one foot
0 6
one and one half inches = one foot
0 6 1
three inches = one foot
0 6 1

Revisions:

Date

ARCHITECT/ENGINEERS:

AECOM

JESSICA M SAMURA
LICENSED
PROFESSIONAL
ENGINEER
NO. 16449-C
HAWAII, U.S.A.

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

4/30/2028
EXPIRATION DATE OF LICENSE

Drawing Title
SITE PLAN - 6
SECTION A
BASE BID

Approved:
BID PACKAGE

Project Title
GRAVESITE RESTORATION FOR EAST HAWAII VETERANS CEMETERY
NO. 2
STATE OF HAWAII, DEPARTMENT OF DEFENSE,
OFFICE OF VETERANS SERVICES

Location
EAST HAWAII VETERANS CEMETERY NO. 2, HILO, ISLAND OF HAWAII, HI

Date
JULY 21, 2026

Checked
JS

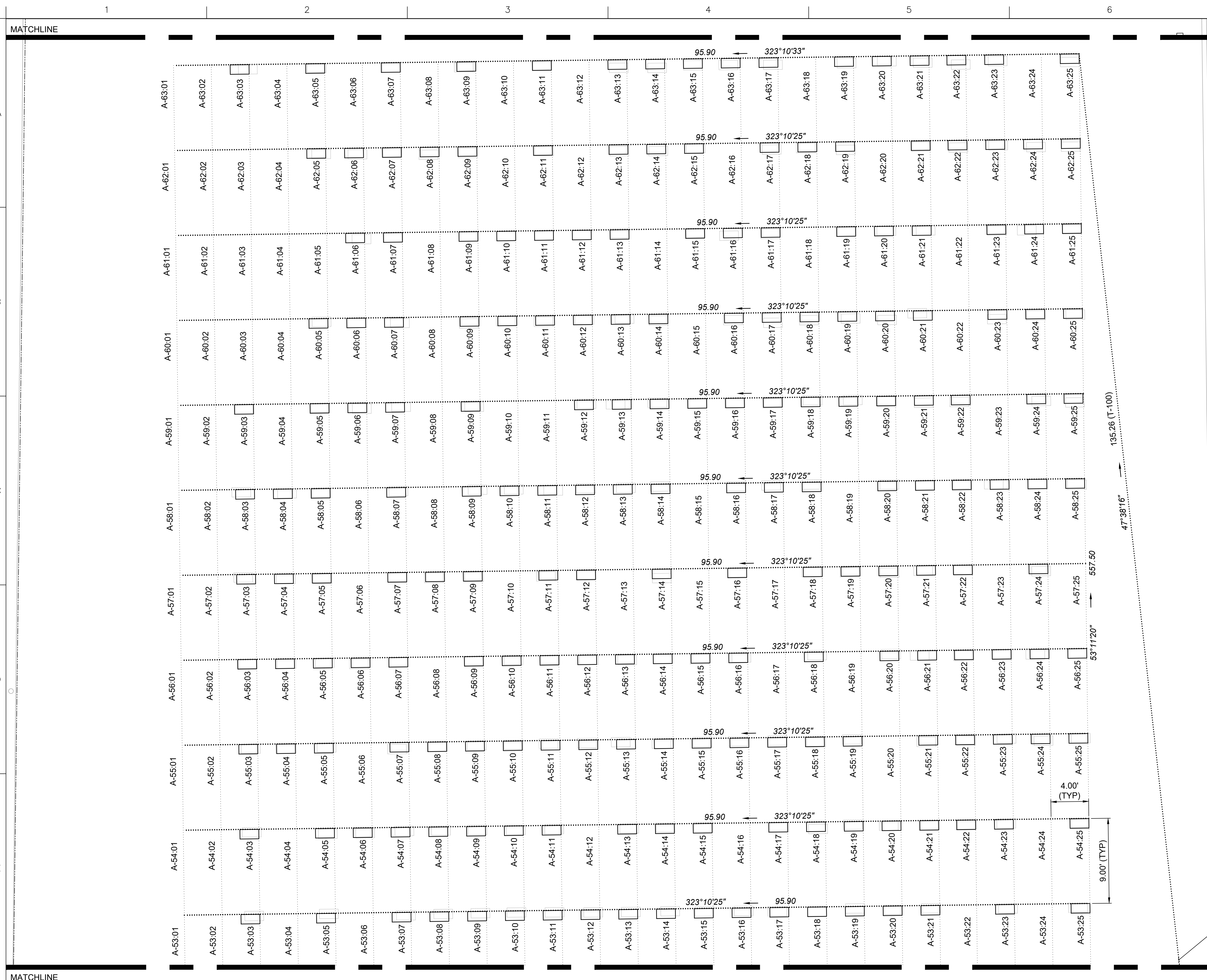
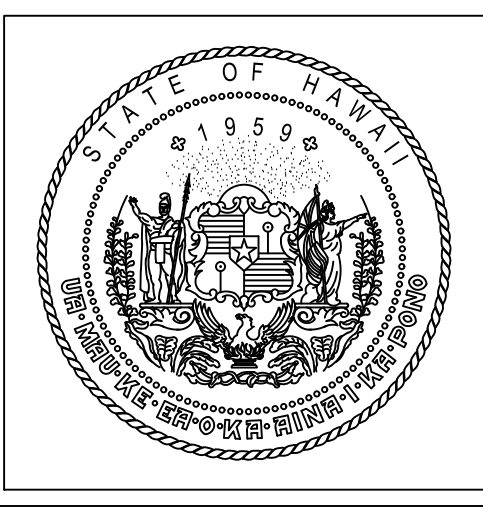
Drawn
JO

Project Number
CA-202617-C

FAI Number
HI-10-29

Drawing Number
CS107

Dwg. 15 of 42



SEE CS108

TRUE NORTH
1"=5'

CONT'D
(SEE INSET)

SCALE: 1"=5'-0"

LEGEND

A-01:01

SECTION - ROW NUMBER : SITE NUMBER

LOCATION OF EXISTING GRAVE MARKER

NEW LOCATION OF RESET & ALIGNED GRAVE MARKER
(TIE-POINT IS AT TOP RIGHT CORNER OF GRAVE MARKER)

ROW ALIGNMENT BASELINE

COLUMN ALIGNMENT LINE (ALONG RIGHT EDGE
OF GRAVE MARKERS)

NOTES:

1.

FOR BENCHMARKS, CONTROL POINTS AND
AZIMUTH / DISTANCE INFORMATION, SEE
SHEET V-101.

2.

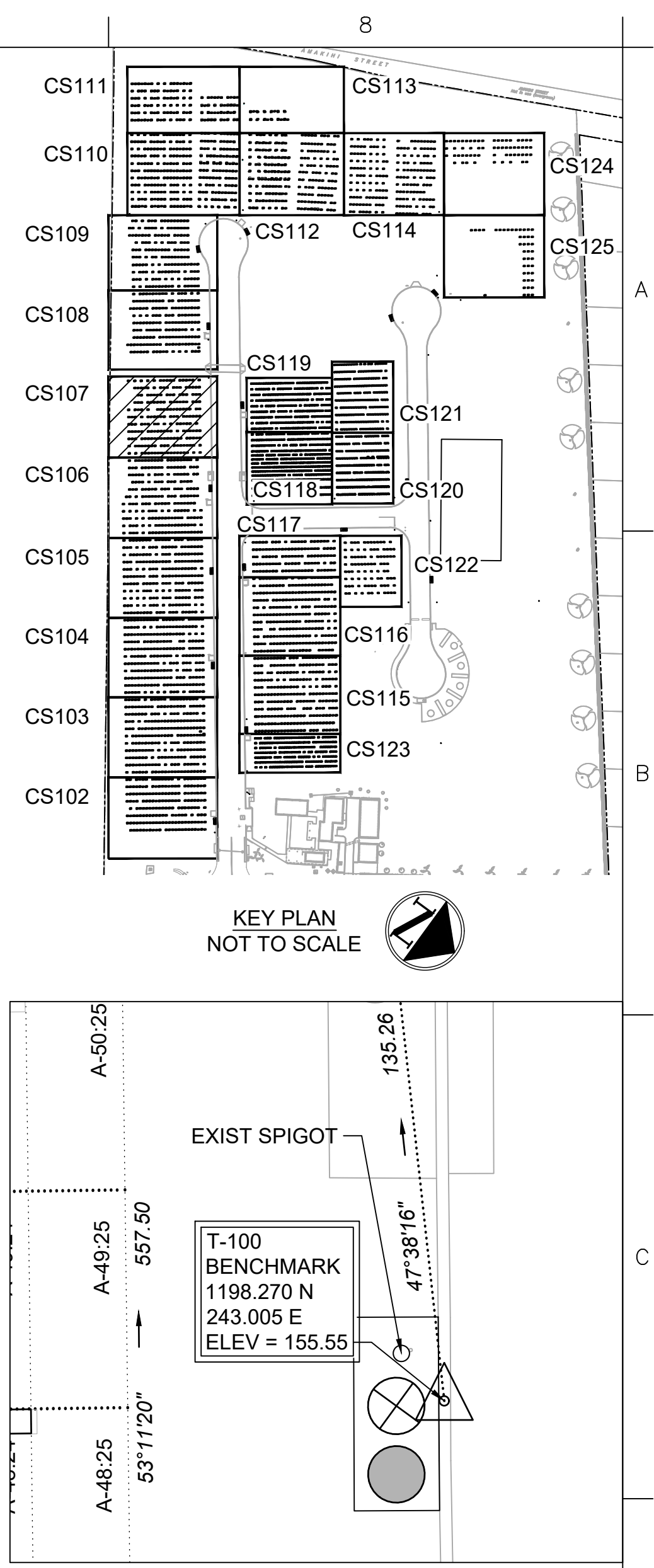
NORTHING / EASTING COORDINATES FOR ALL
GRAVE MARKERS, ARE TO THE TOP RIGHT
CORNER OF EACH MARKER.

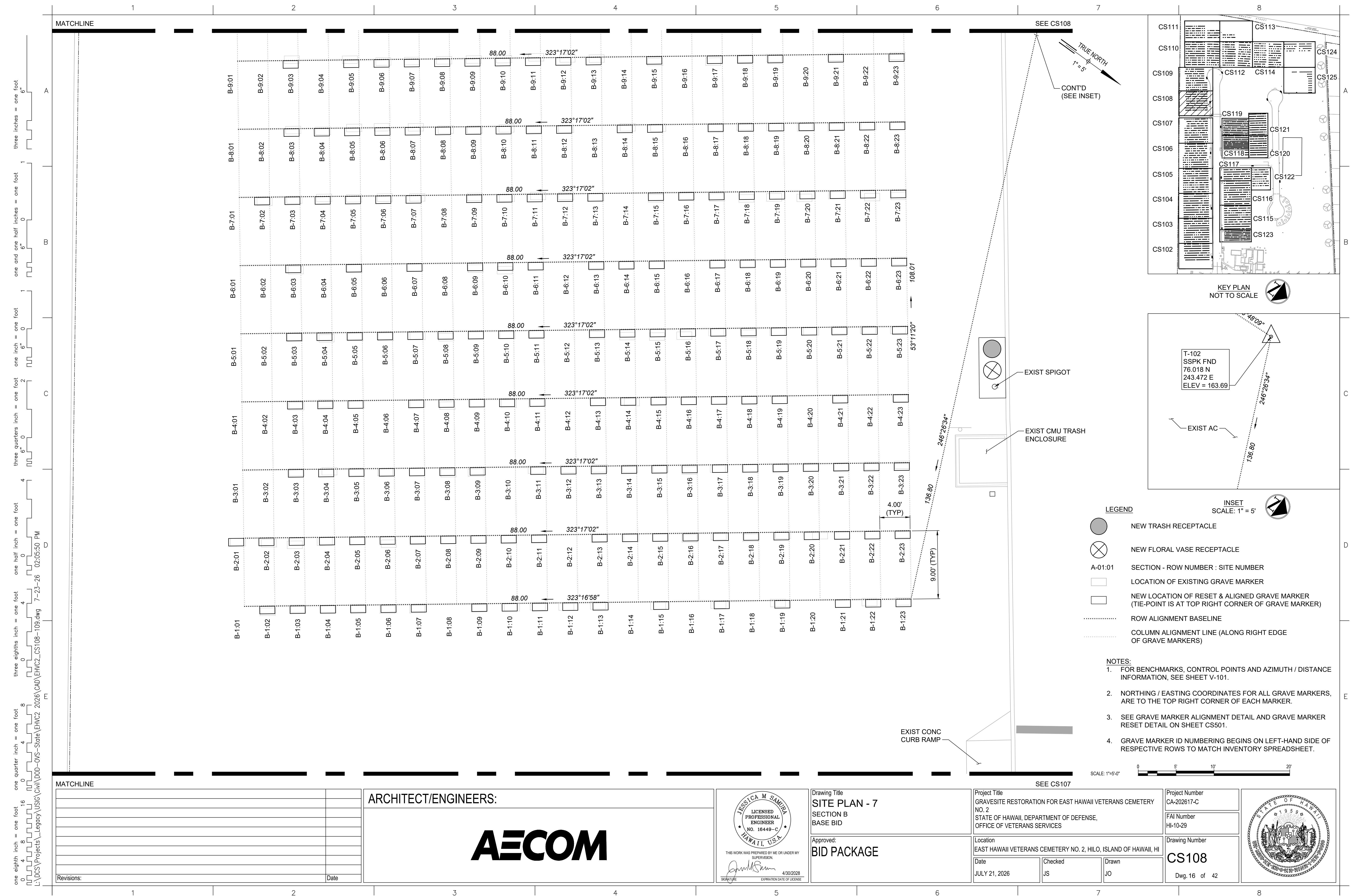
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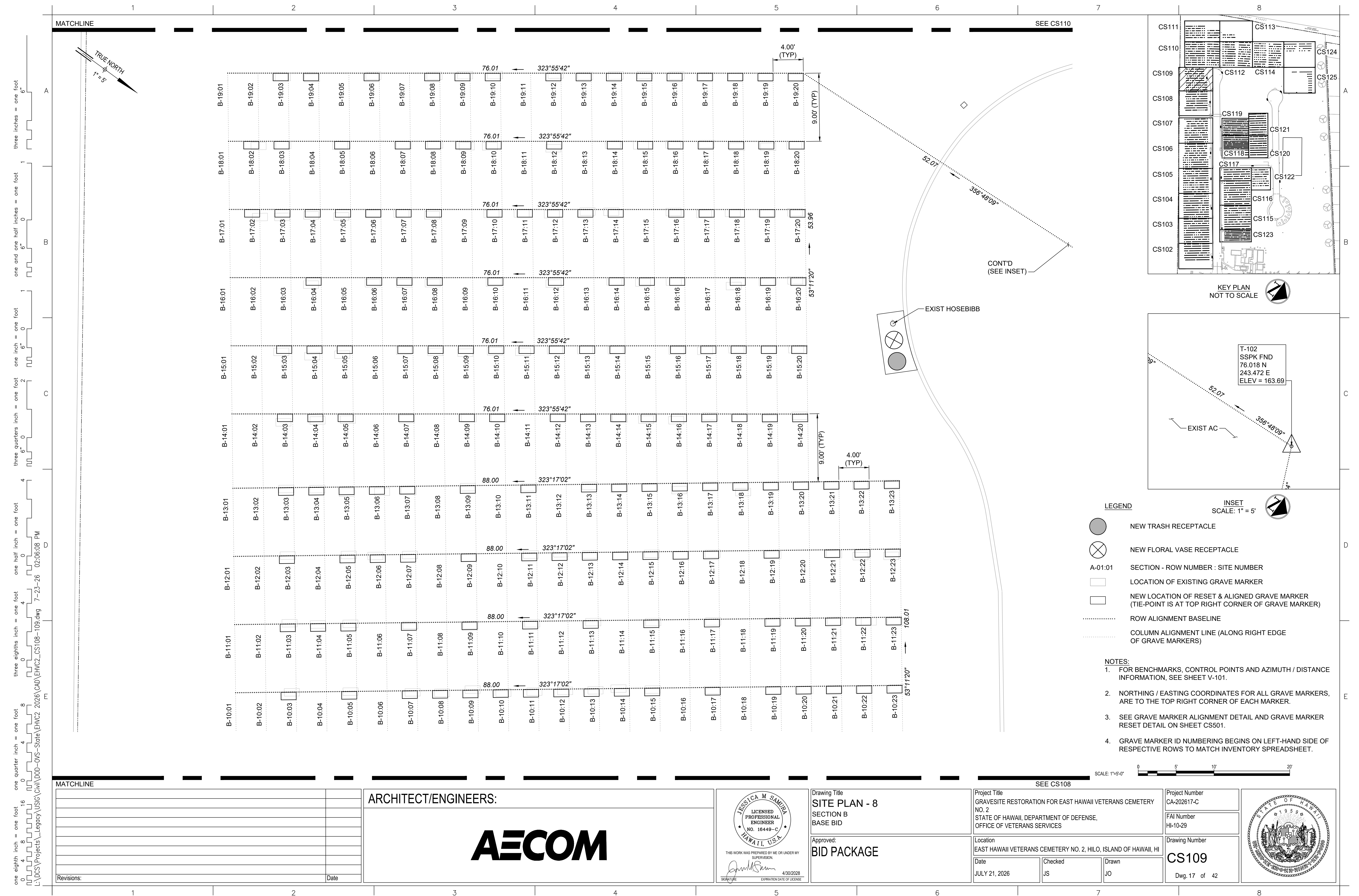
SEE GRAVE MARKER ALIGNMENT DETAIL AND
GRAVE MARKER RESET DETAIL ON SHEET
CS501.

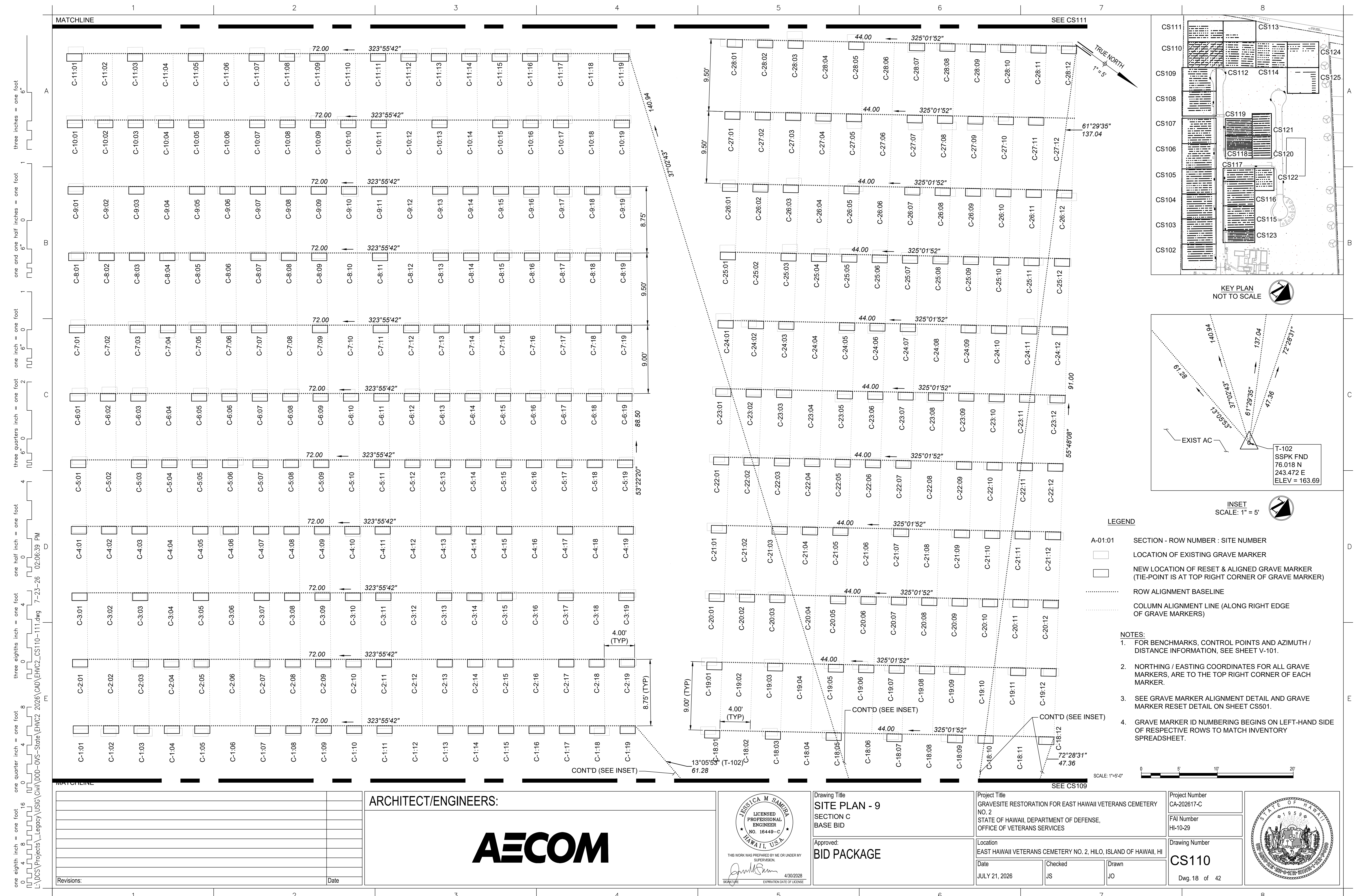
4.

GRAVE MARKER ID NUMBERING BEGINS ON
LEFT-HAND SIDE OF RESPECTIVE ROWS TO
MATCH INVENTORY SPREADSHEET.



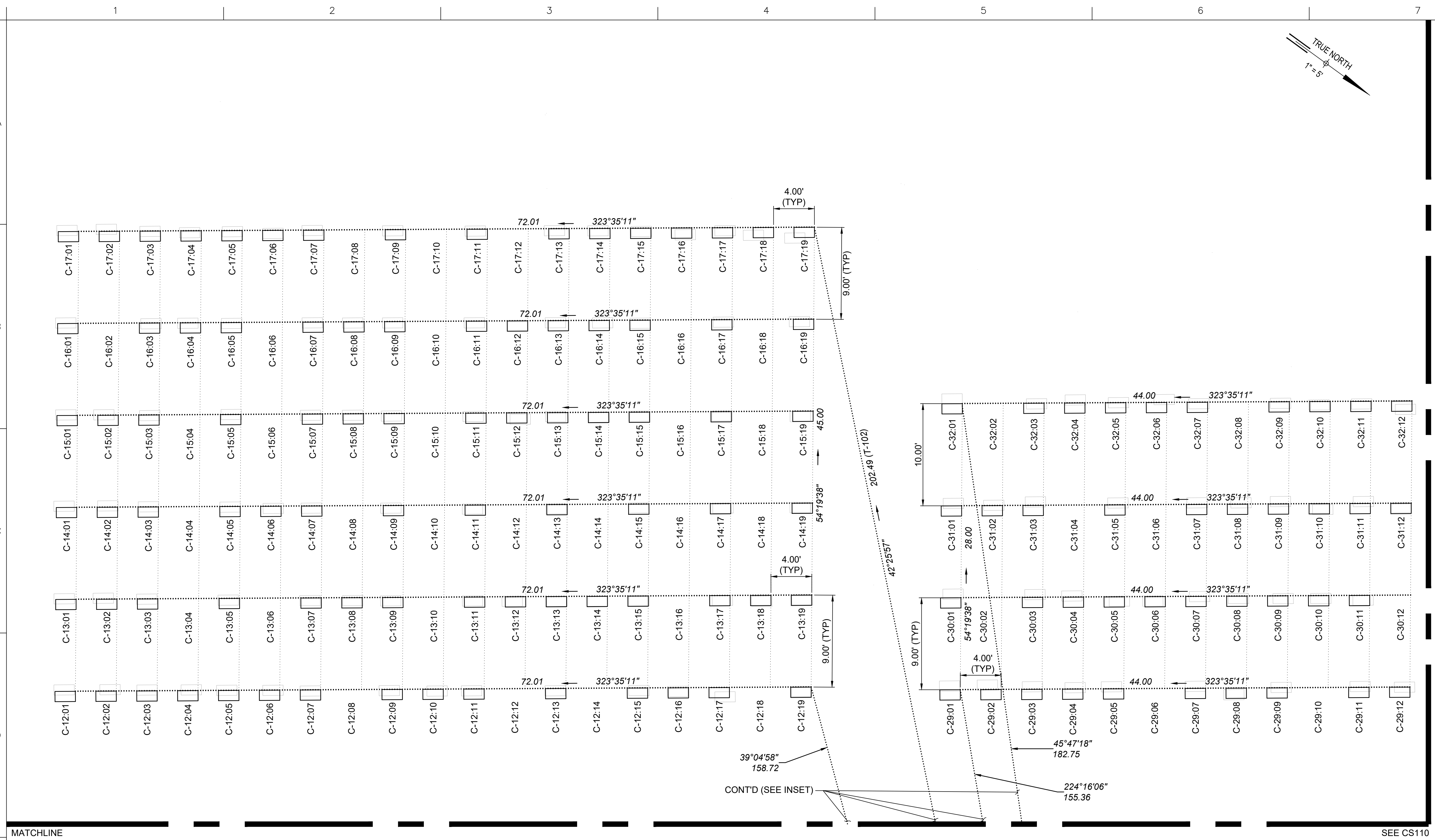






one eighth inch = one foot
one quarter inch = one foot
one half inch = one foot
three eighths inch = one foot
three quarters inch = one foot
one inch = one foot
one and one half inches = one foot
two inches = one foot
three inches = one foot

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39°04'58" 158.72
42°25'57" 202.49
44°16'06" 155.36
45°47'18" 182.75
224°16'06" 155.36
202.49 (T-102)
42°25'57"

CONT'D (SEE INSET)

LEGEND

- A-01:01 SECTION - ROW NUMBER : SITE NUMBER
- LOCATION OF EXISTING GRAVE MARKER
- NEW LOCATION OF RESET & ALIGNED GRAVE MARKER (TIE-POINT IS AT TOP RIGHT CORNER OF GRAVE MARKER)
- ROW ALIGNMENT BASELINE
- COLUMN ALIGNMENT LINE (ALONG RIGHT EDGE OF GRAVE MARKERS)

NOTES:

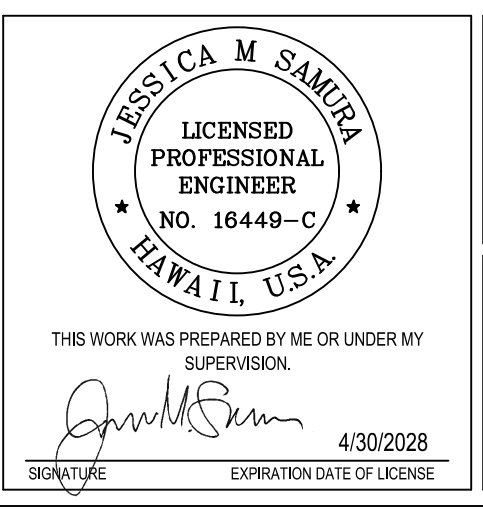
- FOR BENCHMARKS, CONTROL POINTS AND AZIMUTH / DISTANCE INFORMATION, SEE SHEETV-101.
- NORTHING / EASTING COORDINATES FOR ALL GRAVE MARKERS, ARE TO THE TOP RIGHT CORNER OF EACH MARKER.
- SEE GRAVE MARKER ALIGNMENT DETAIL AND GRAVE MARKER RESET DETAIL ON SHEETCS501.
- GRAVE MARKER ID NUMBERING BEGINS ON LEFT-HAND SIDE OF RESPECTIVE ROWS TO MATCH INVENTORY SPREADSHEET.



Revisions:	Date

ARCHITECT/ENGINEERS:

AECOM



Drawing Title
SITE PLAN - 10
SECTION C
BASE BID

Approved:
BID PACKAGE

Project Title
GRAVESITE RESTORATION FOR EAST HAWAII VETERANS CEMETERY
NO. 2
STATE OF HAWAII, DEPARTMENT OF DEFENSE,
OFFICE OF VETERANS SERVICES

Location
EAST HAWAII VETERANS CEMETERY NO. 2, HILO, ISLAND OF HAWAII, HI

Date
JULY 21, 2026

Checked
JS

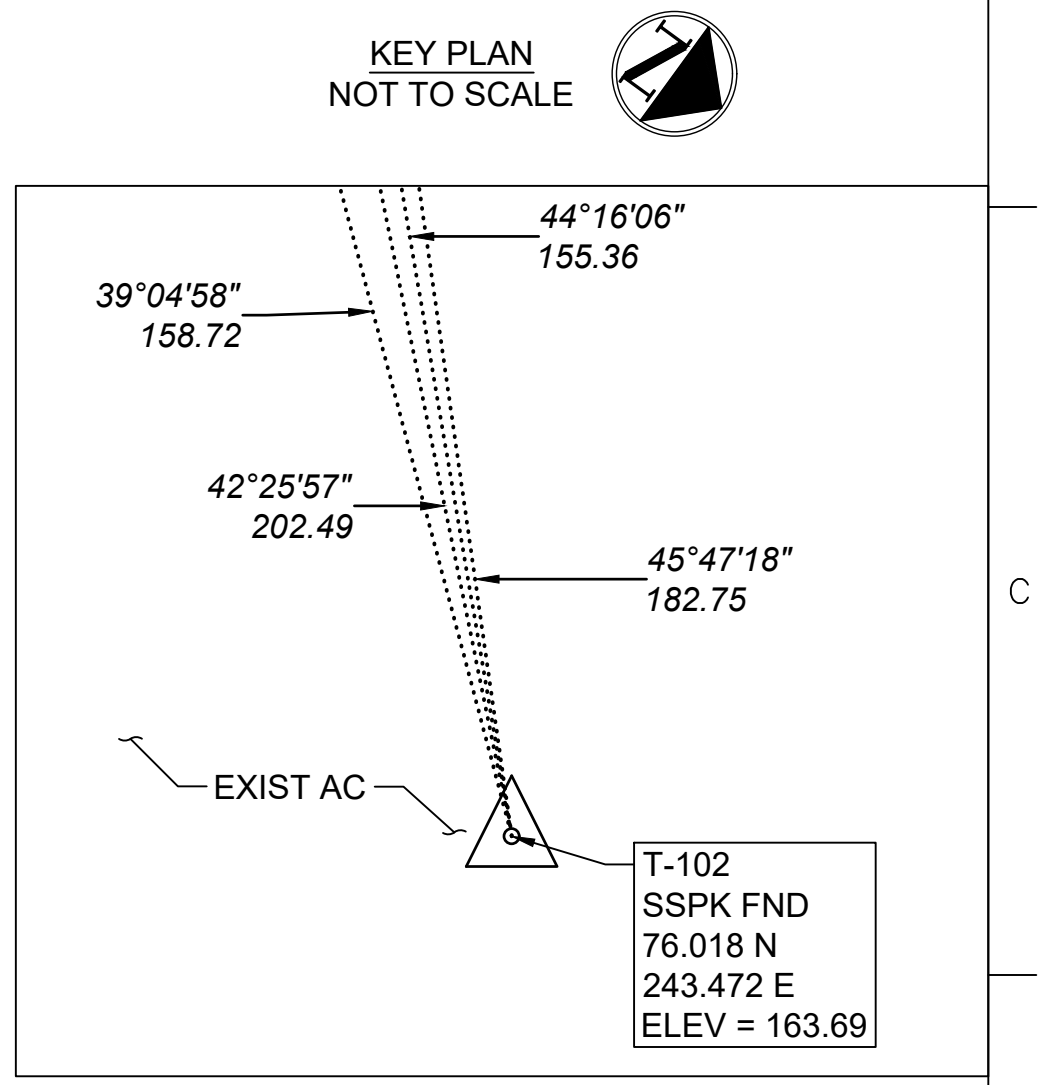
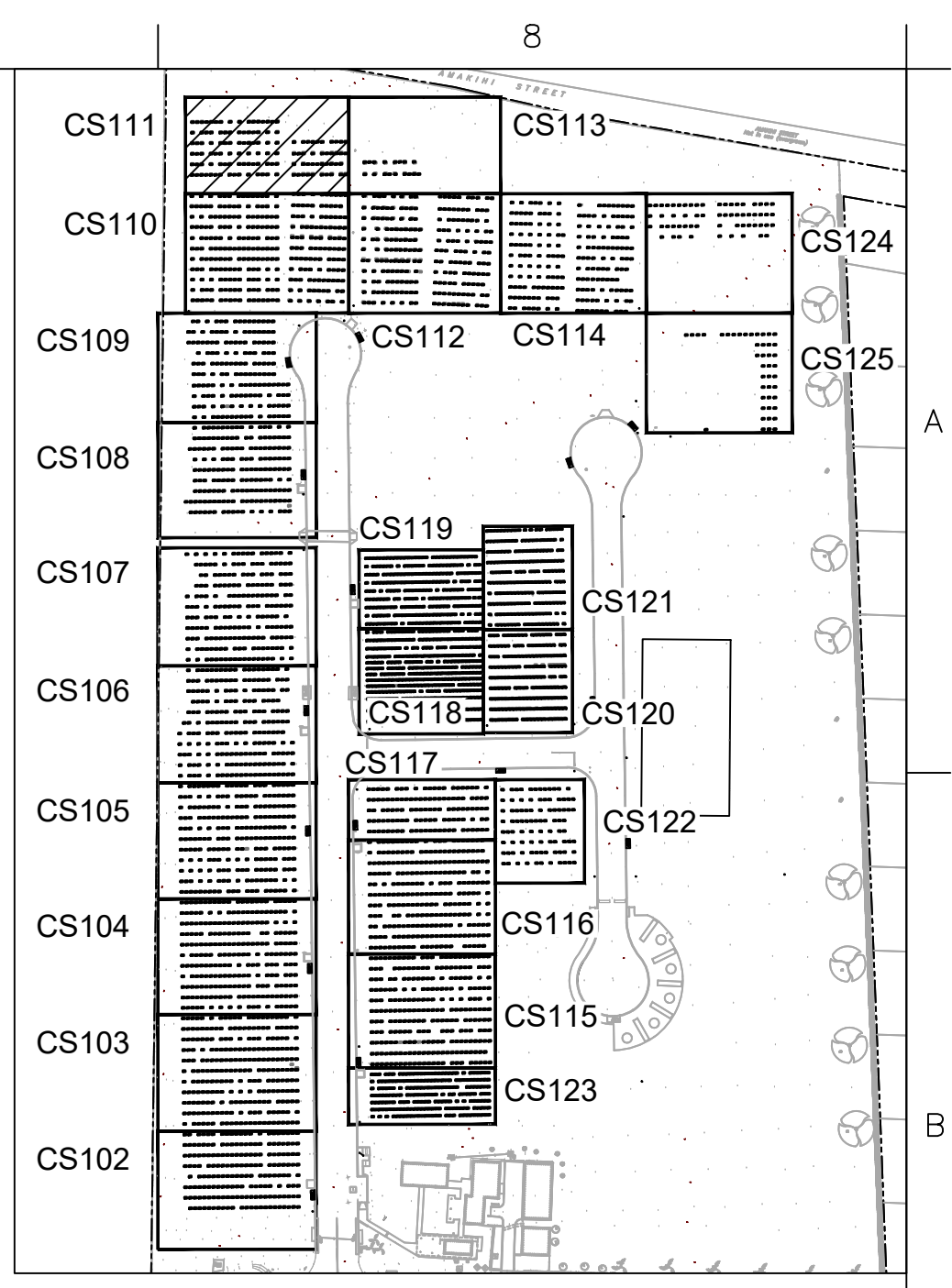
Drawn
JO

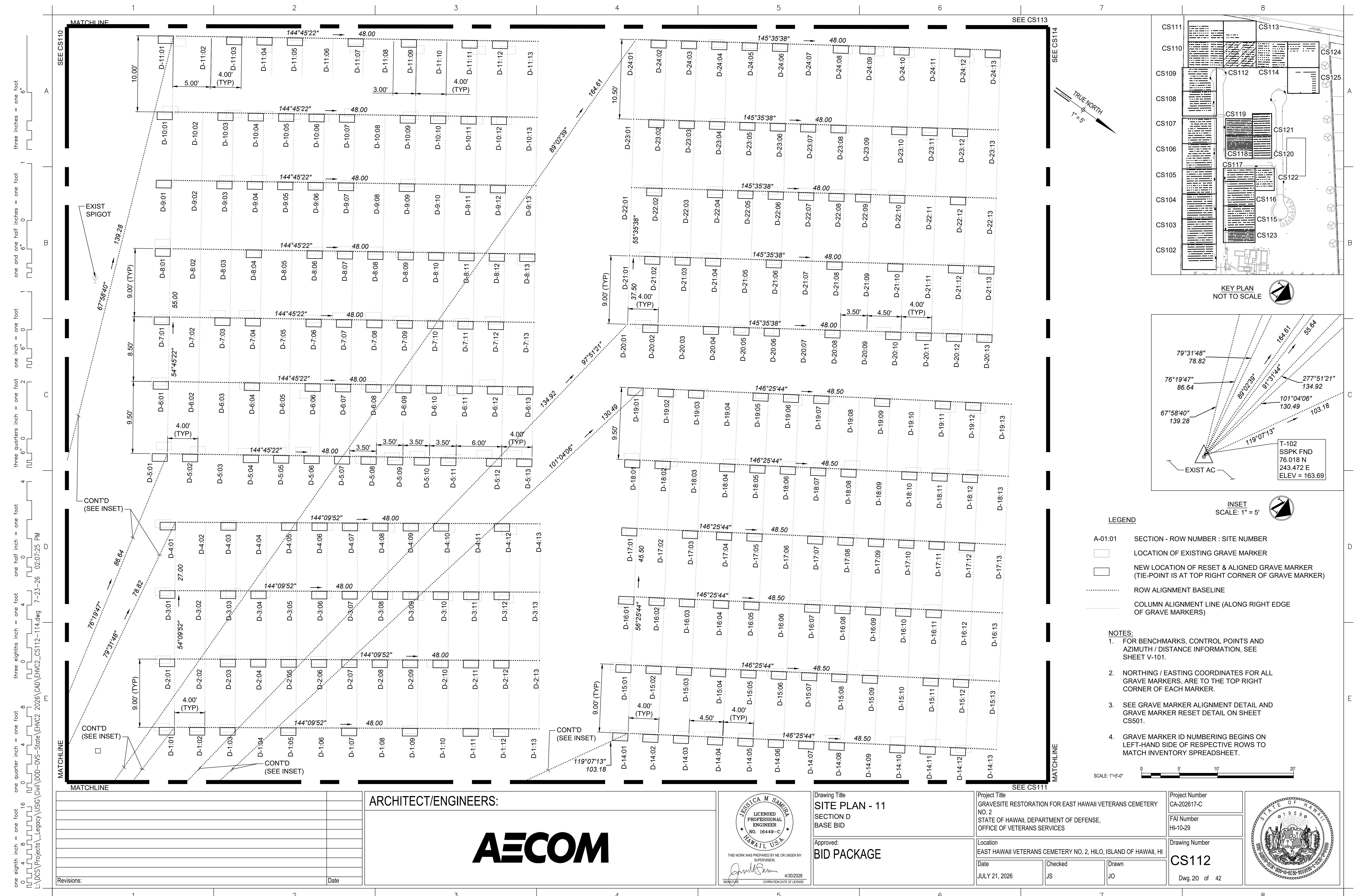
Project Number
CA-202617-C

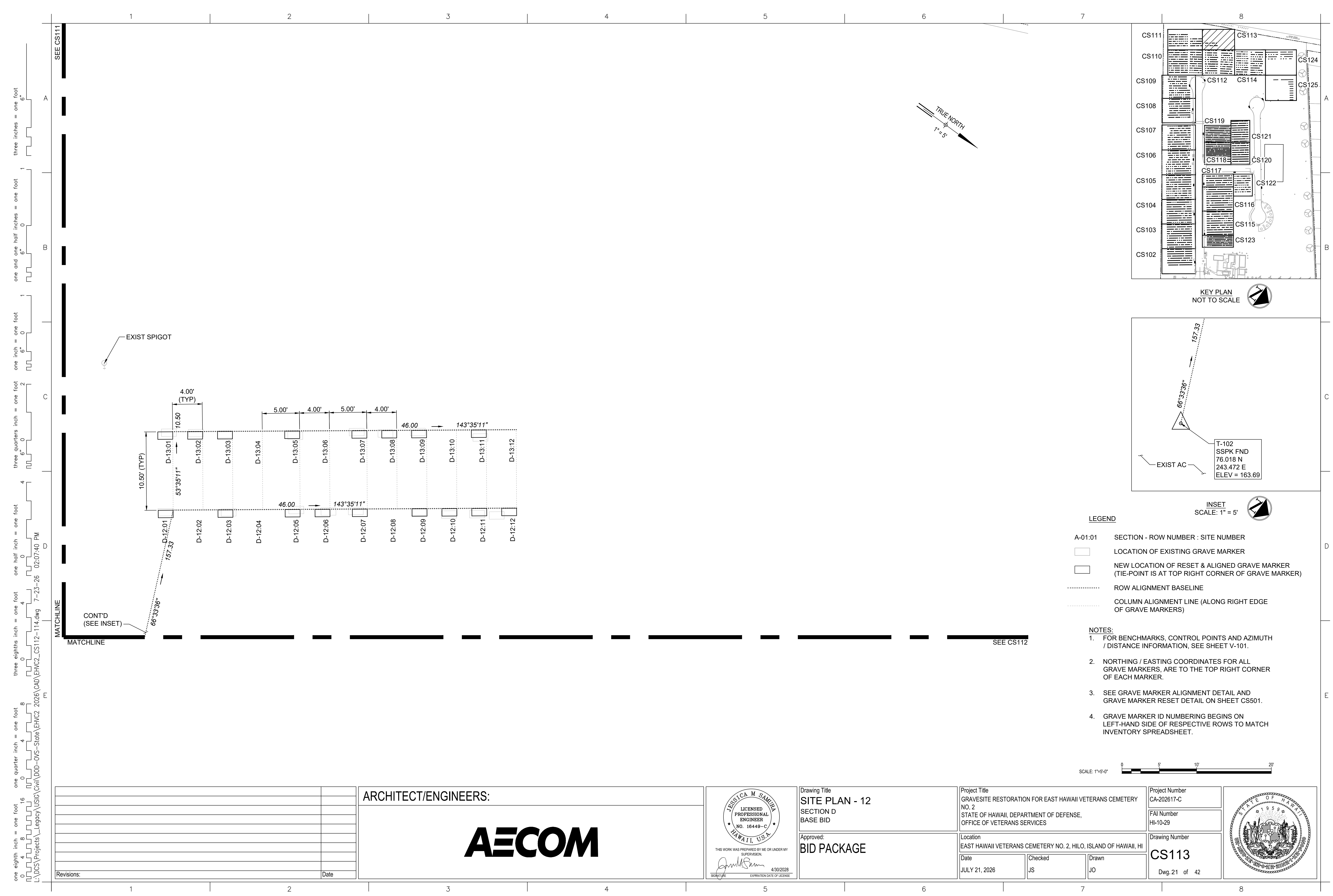
FAI Number
HI-10-29

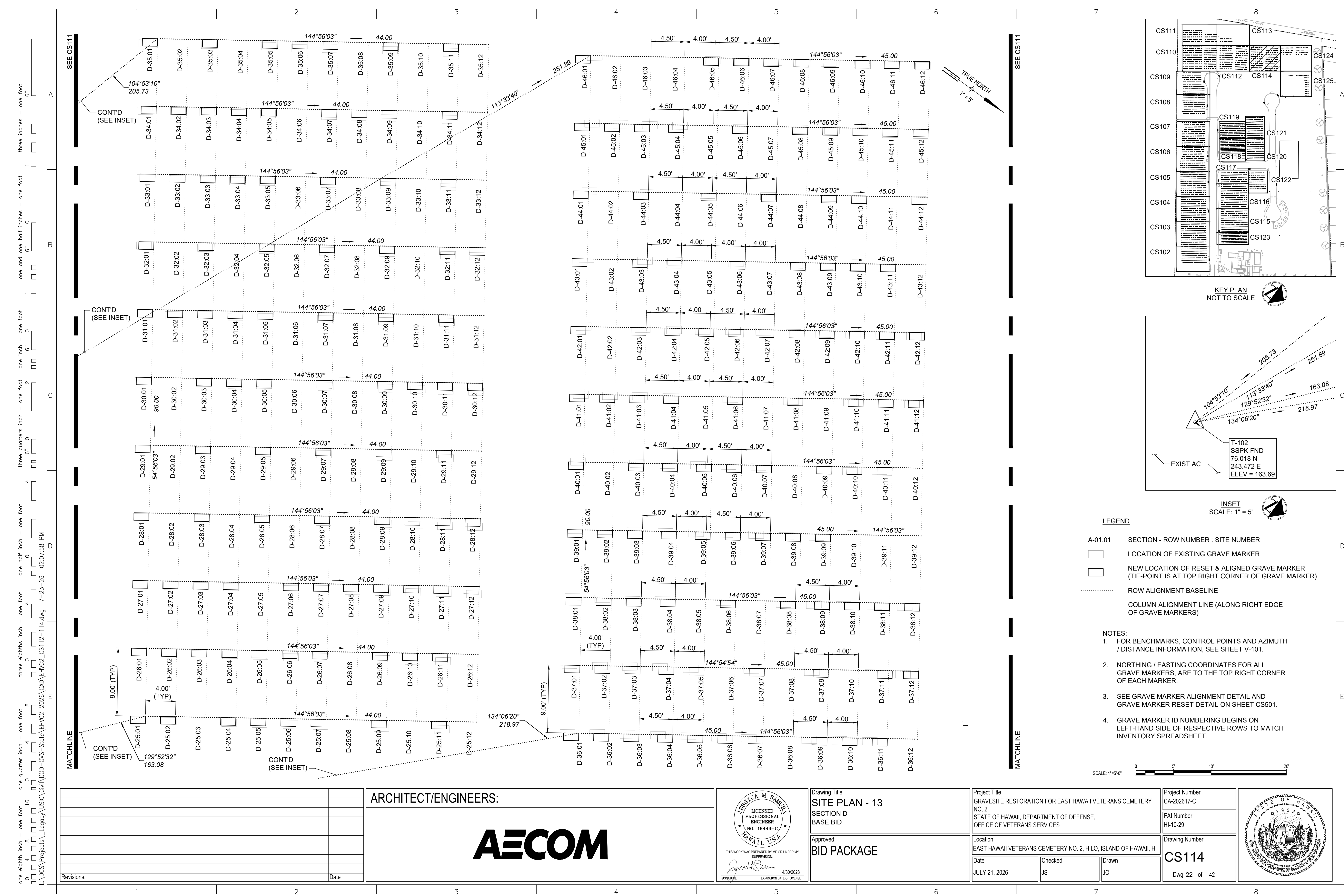
Drawing Number
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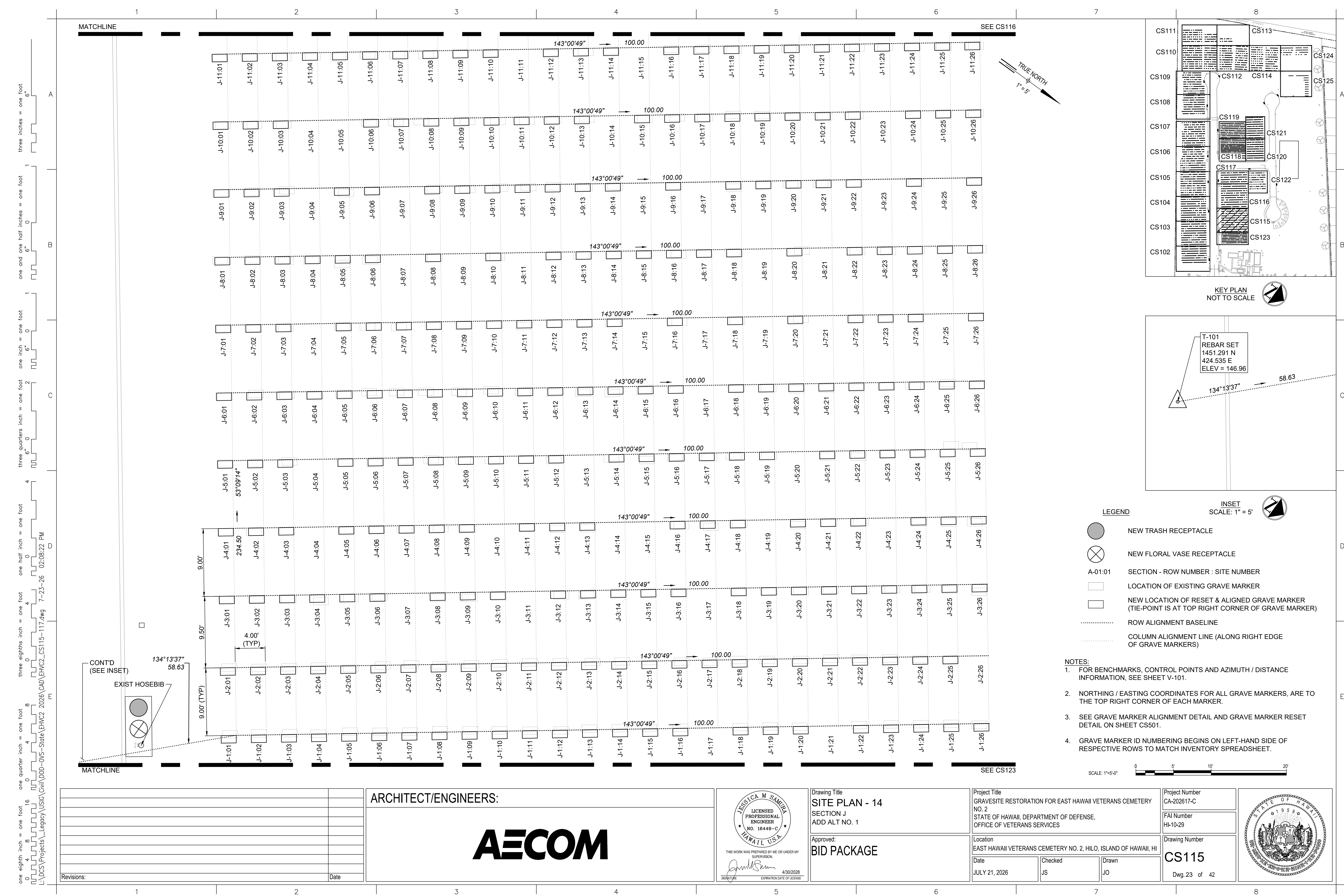
Dwg. 19 of 42





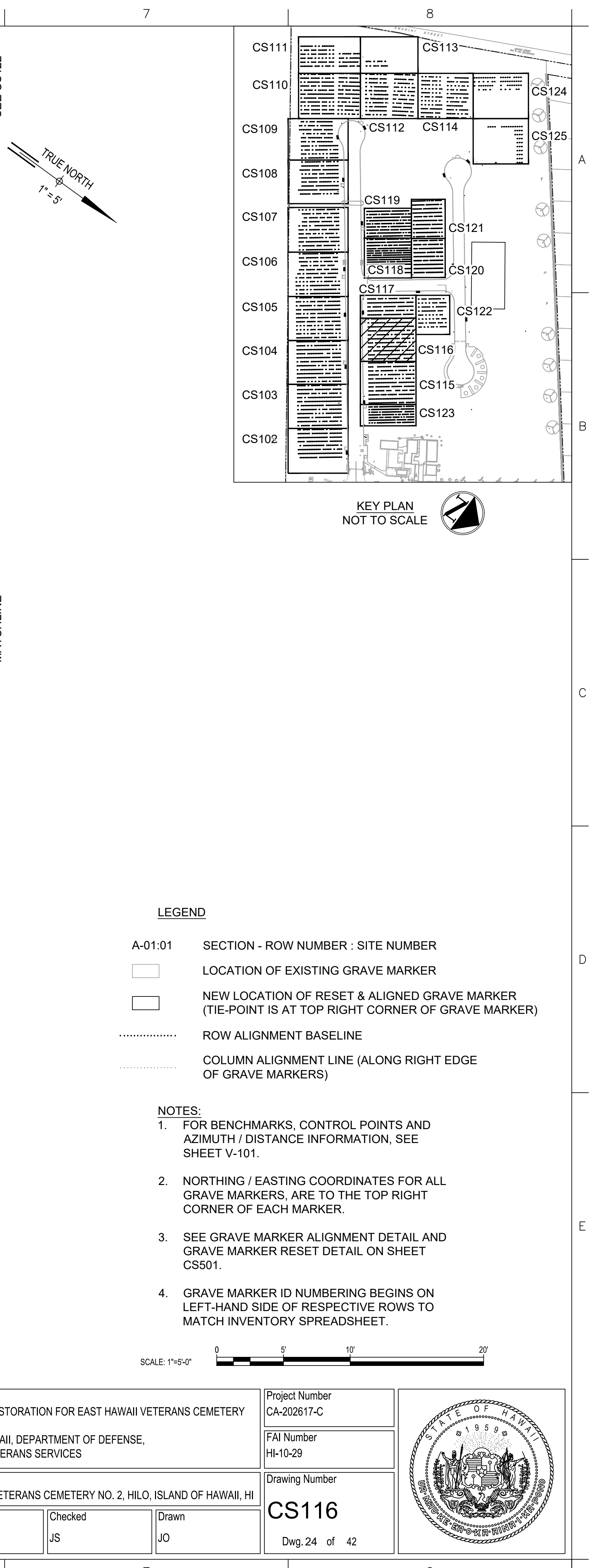
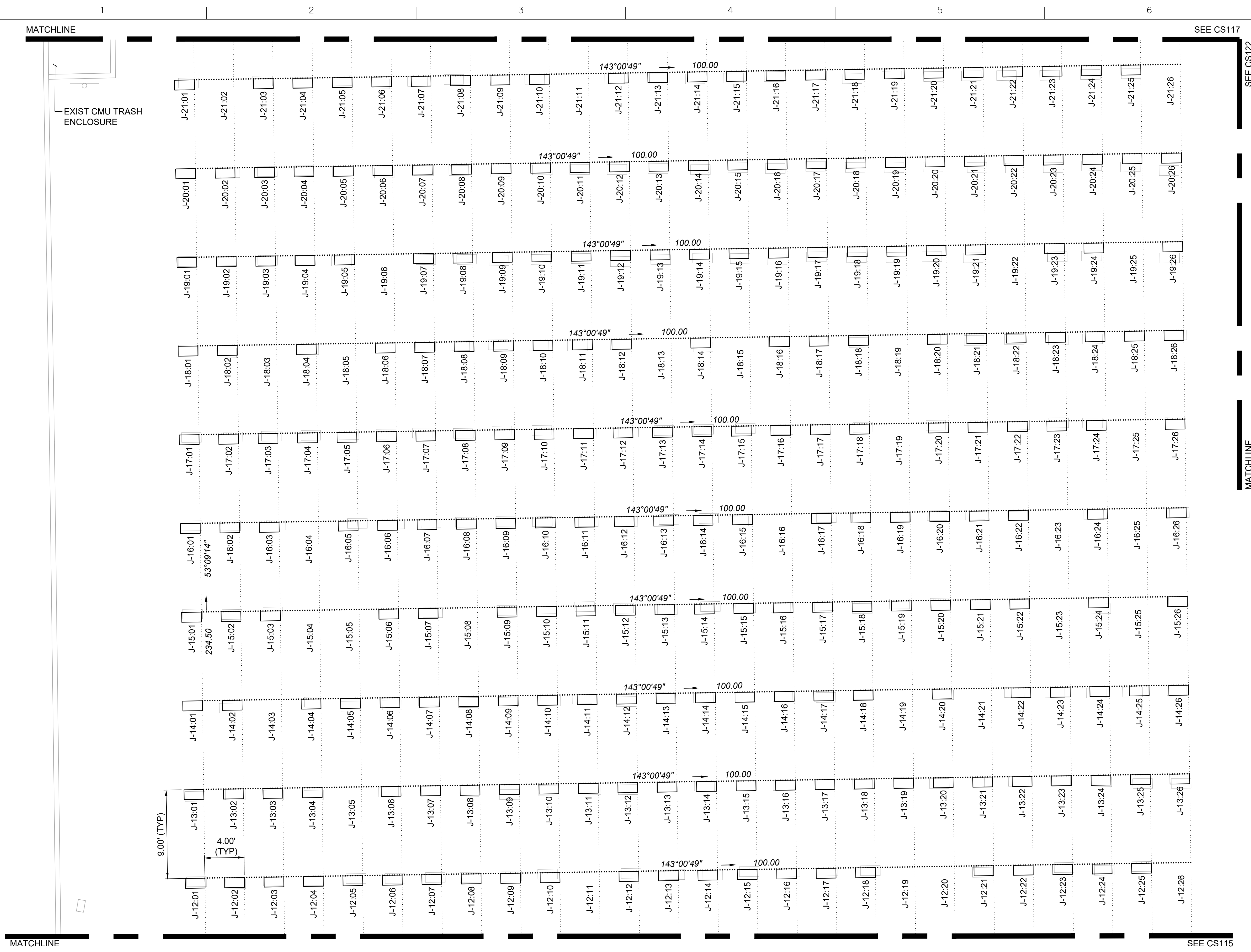


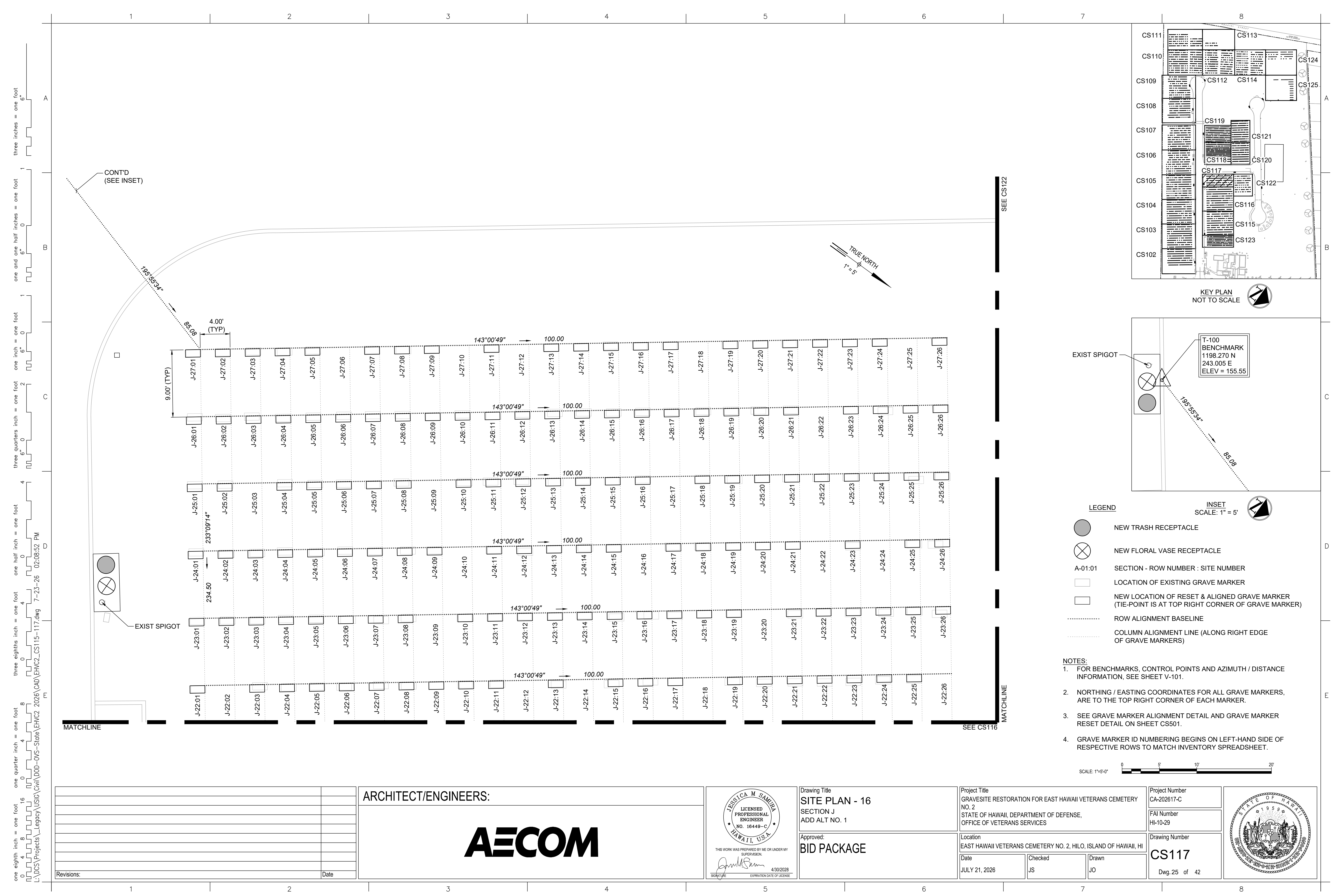


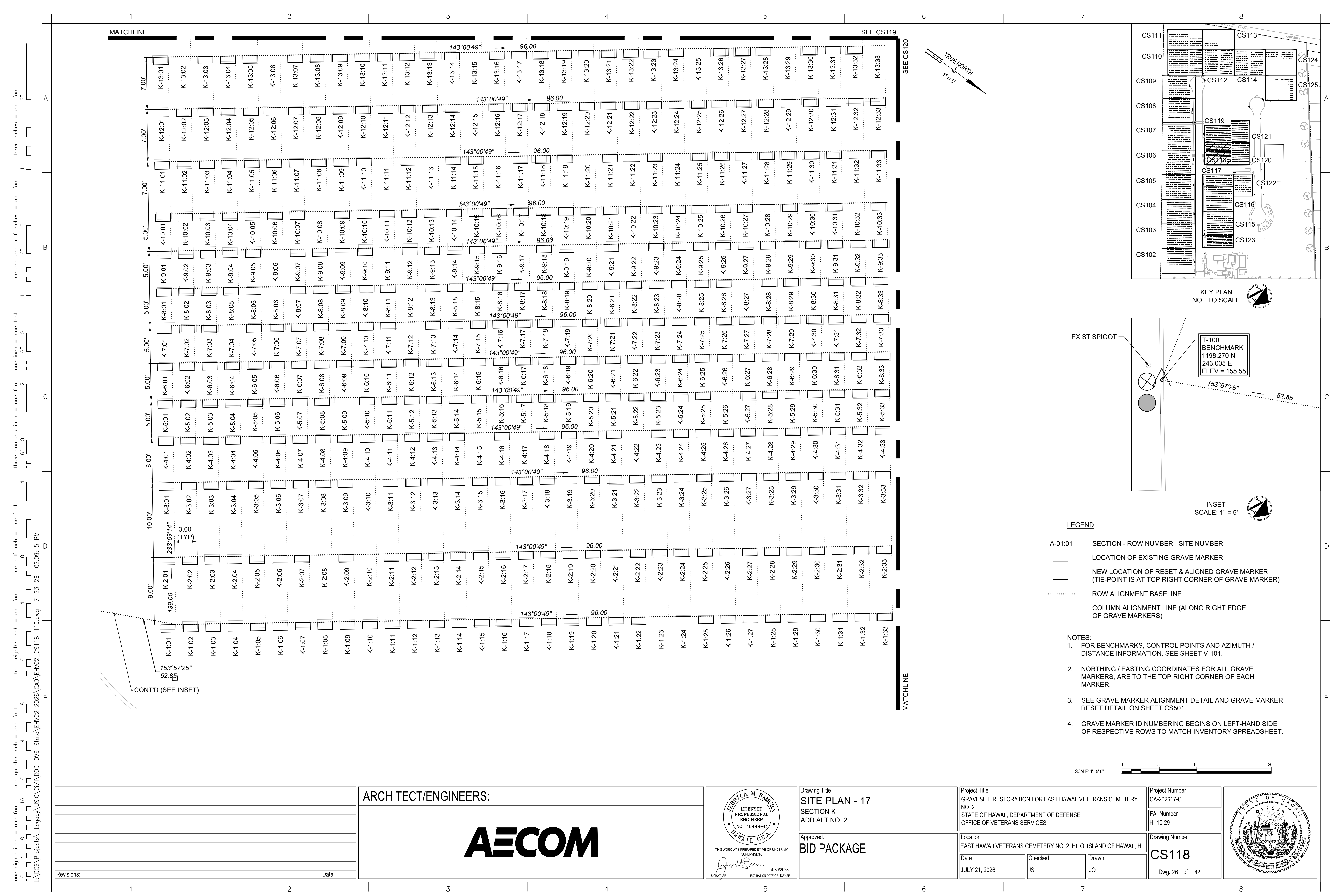


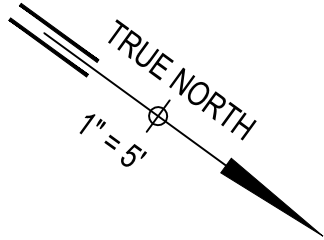
one eighth inch = one foot
0 4 8 16
three eighths inch = one foot
0 4 8
one quarter inch = one foot
0 4 8
one half inch = one foot
0 4 8
one inch = one foot
0 6 12
one and one half inches = one foot
0 6 12
three inches = one foot
0 6 12

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- | A-01:01 | SECTION - ROW NUMBER : SITE NUMBER |
|---|--|
|  | LOCATION OF EXISTING GRAVE MARKER |
|  | NEW LOCATION OF RESET & ALIGNED GRAVE MARKER
(TIE-POINT IS AT TOP RIGHT CORNER OF GRAVE MARKER) |
| | ROW ALIGNMENT BASELINE |
| | COLUMN ALIGNMENT LINE (ALONG RIGHT EDGE
OF GRAVE MARKERS) |

NOTES:

1. FOR BENCHMARKS, CONTROL POINTS AND AZIMUTH / DISTANCE INFORMATION, SEE SHEET V-101.
2. NORTHING / EASTING COORDINATES FOR ALL GRAVE MARKERS, ARE TO THE TOP RIGHT CORNER OF EACH MARKER.
3. SEE GRAVE MARKER ALIGNMENT DETAIL AND GRAVE MARKER RESET DETAIL ON SHEET CS501.
4. GRAVE MARKER ID NUMBERING BEGINS ON LEFT-HAND SIDE OF RESPECTIVE ROWS TO MATCH INVENTORY SPREADSHEET.

ARCHITECT/ENGINEERS:

AECOM



Approved:
BID PACKAGE

Project Title
GRAVESITE RESTORATION FOR EAST HAWAII VETERANS CEMETERY NO. 2
STATE OF HAWAII, DEPARTMENT OF DEFENSE, OFFICE OF VETERANS SERVICES

Location		
EAST HAWAII VETERANS CEMETERY NO. 2, HILO, ISLAND OF HAWAII, HI		
Date	Checked	Drawn
JULY 21, 2026	JS	JO

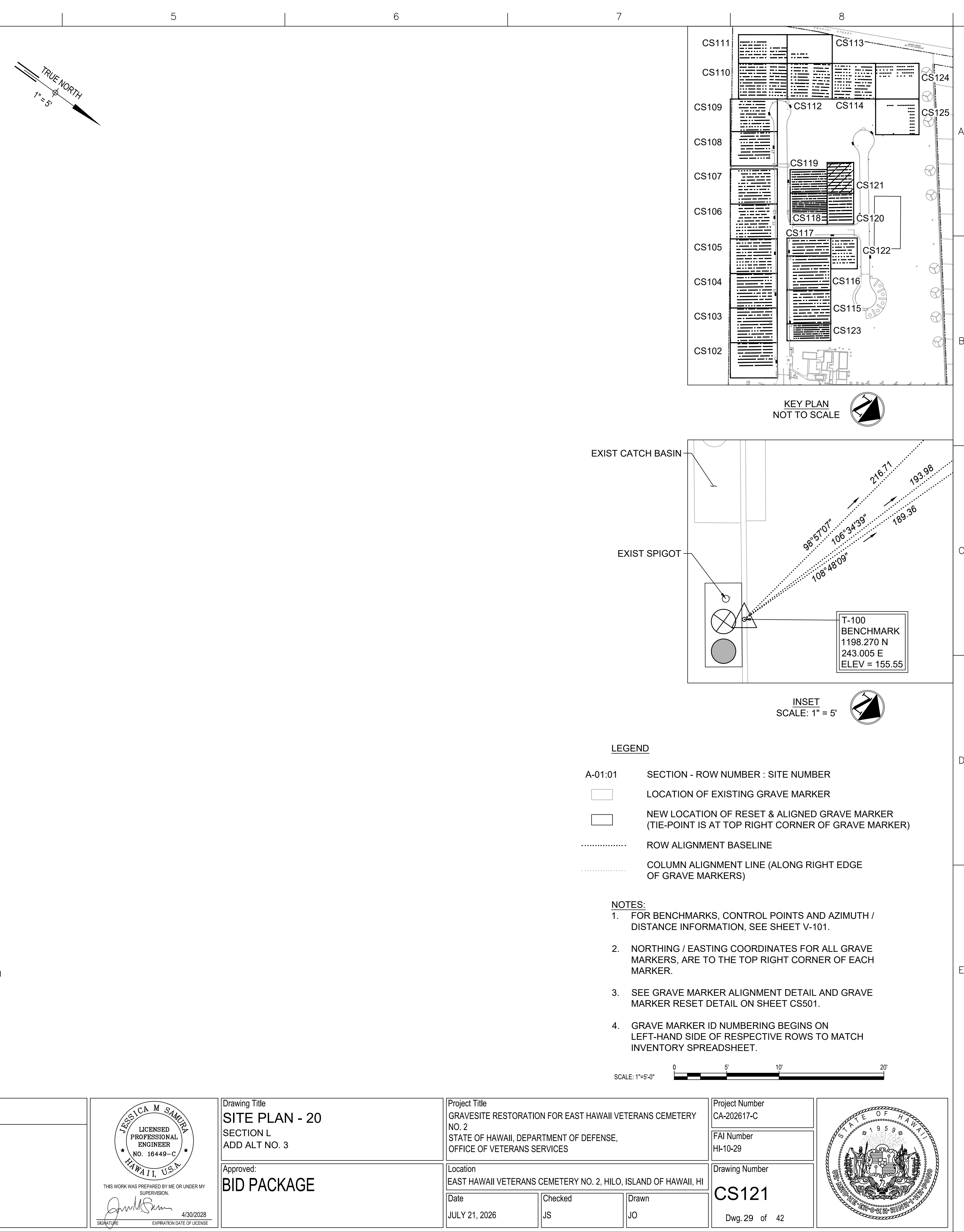
Project Number
CA-202617-C

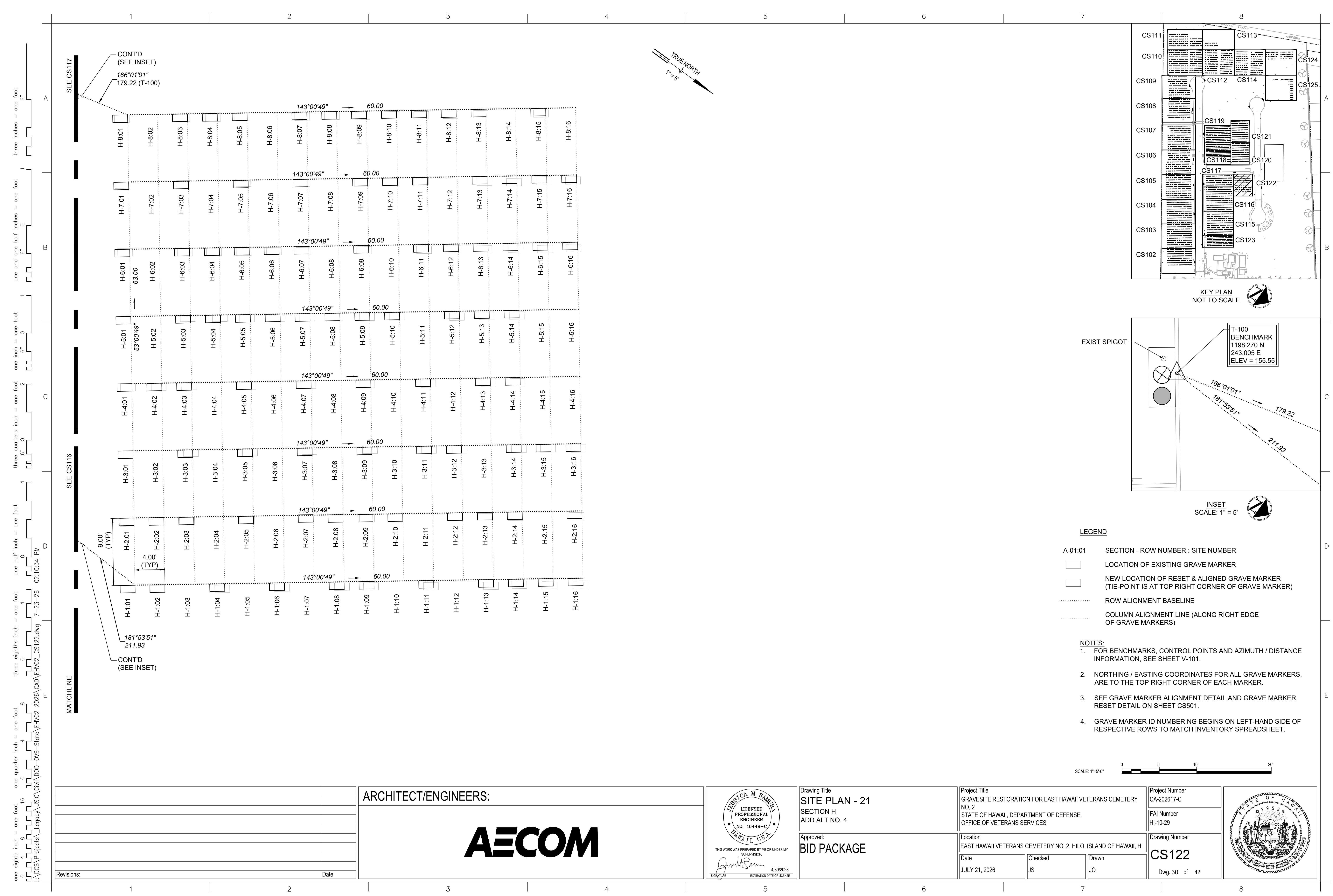
FAI Number
HI-10-29

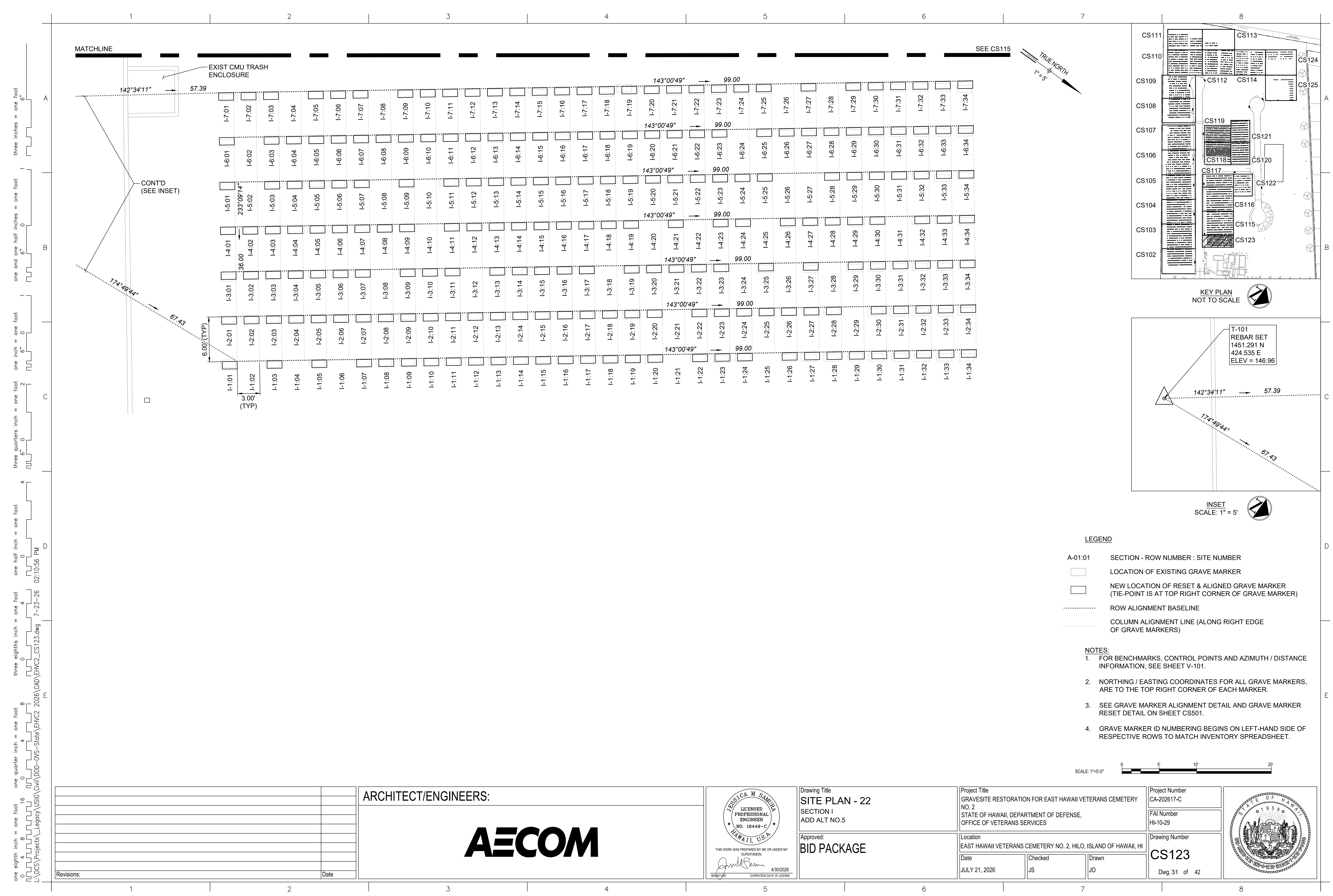
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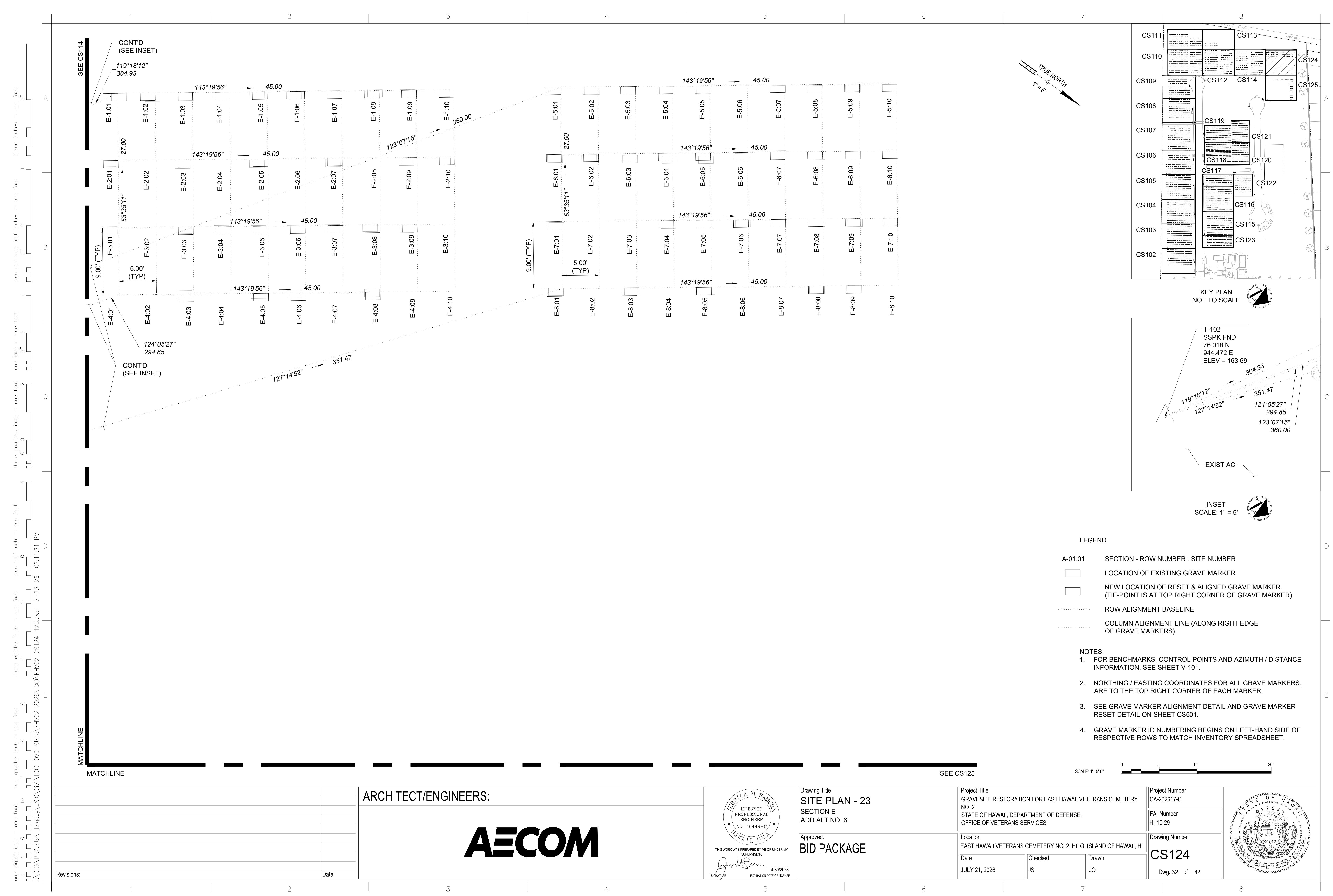
Dwg. 28 of 42











three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
three eighths inch = one foot
one half inch = one foot
three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot

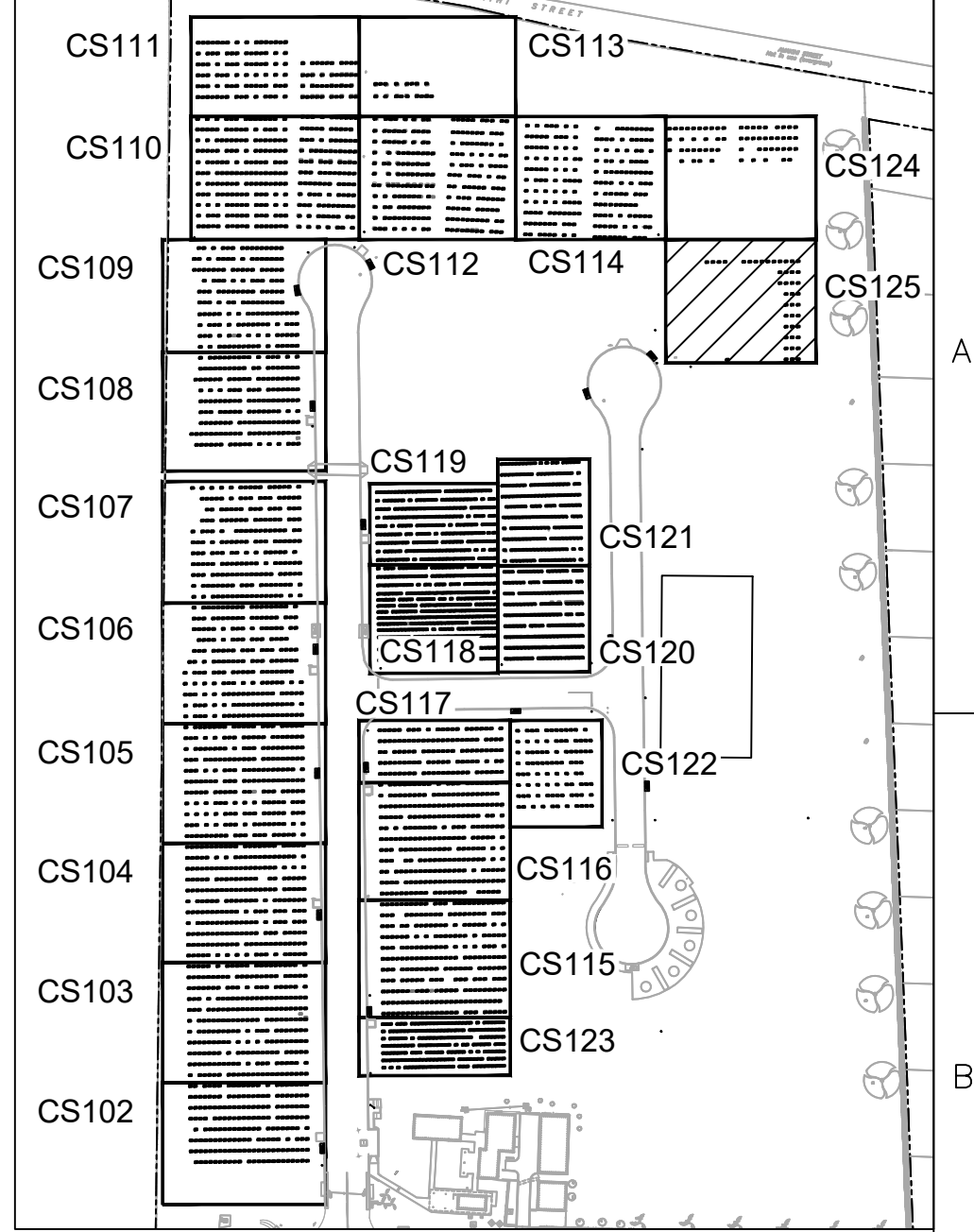
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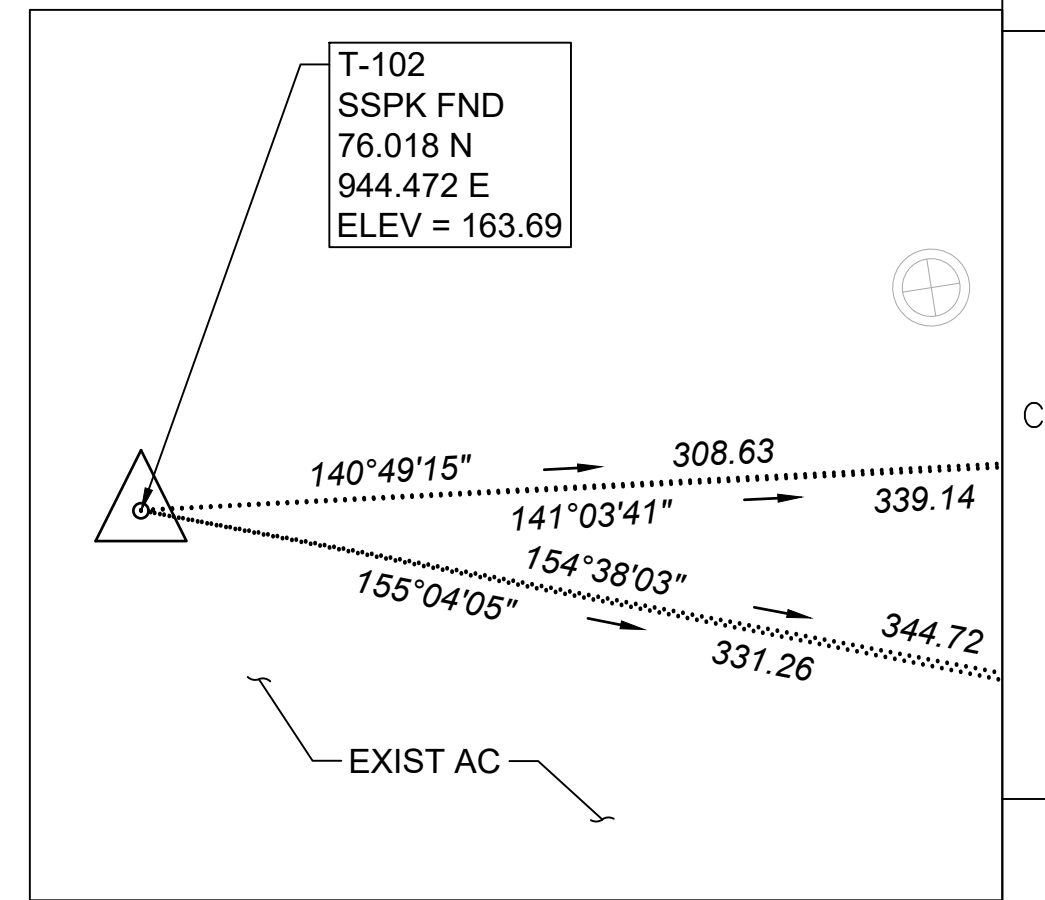
CONT'D
(SEE INSET)



CONT'D
(SEE INSET)



KEY PLAN
NOT TO SCALE



INSET
SCALE: 1" = 5"

LEGEND

- A-01:01 SECTION - ROW NUMBER : SITE NUMBER
- LOCATION OF EXISTING GRAVE MARKER
- NEW LOCATION OF RESET & ALIGNED GRAVE MARKER
(TIE-POINT IS AT TOP RIGHT CORNER OF GRAVE MARKER)
- ROW ALIGNMENT BASELINE
- COLUMN ALIGNMENT LINE (ALONG RIGHT EDGE OF GRAVE MARKERS)

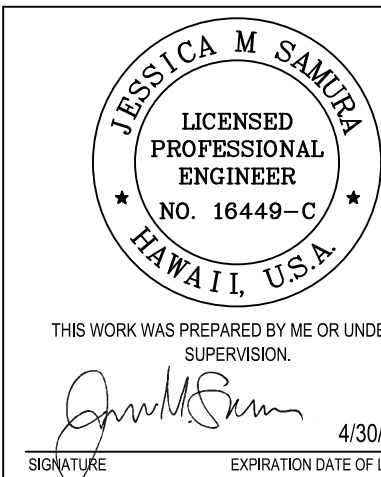
NOTES:

- FOR BENCHMARKS, CONTROL POINTS AND AZIMUTH / DISTANCE INFORMATION, SEE SHEET V-101.
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- GRAVE MARKER ID NUMBERING BEGINS ON LEFT-HAND SIDE OF RESPECTIVE ROWS TO MATCH INVENTORY SPREADSHEET.

SCALE: 1"=5'-0"

ARCHITECT/ENGINEERS:

AECOM



Drawing Title
SITE PLAN - 24
SECTION E
ADD ALT NO. 6

Approved:
BID PACKAGE

Project Title
GRAVESITE RESTORATION FOR EAST HAWAII VETERANS CEMETERY
NO. 2
STATE OF HAWAII, DEPARTMENT OF DEFENSE,
OFFICE OF VETERANS SERVICES

Location
EAST HAWAII VETERANS CEMETERY NO. 2, HILO, ISLAND OF HAWAII, HI

Date
JULY 21, 2026

Checked
JS

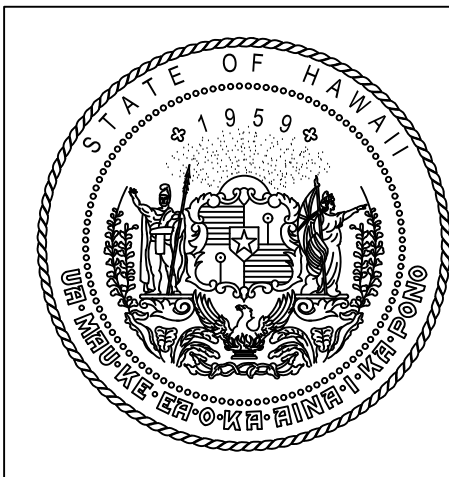
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JO

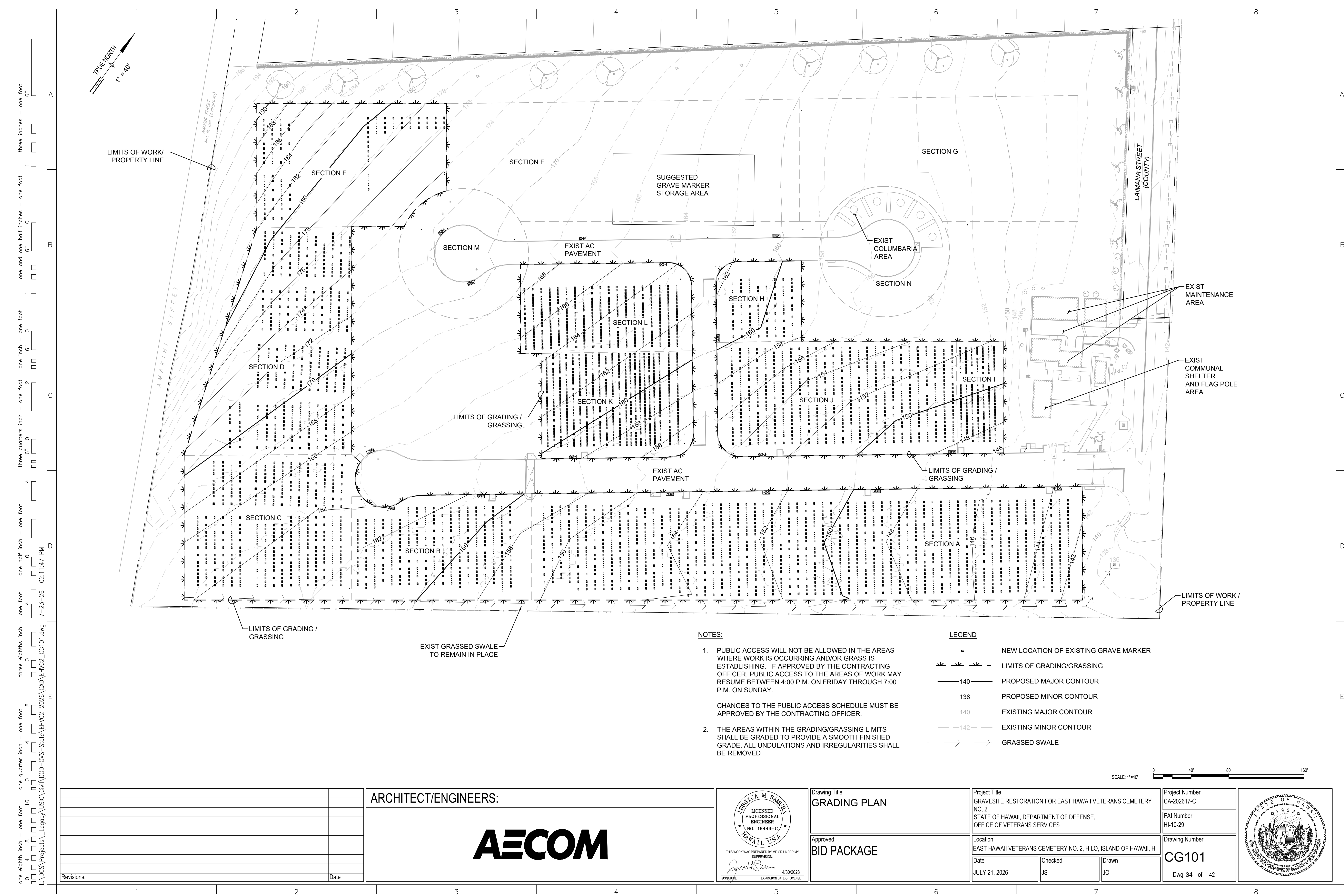
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CA-202617-C

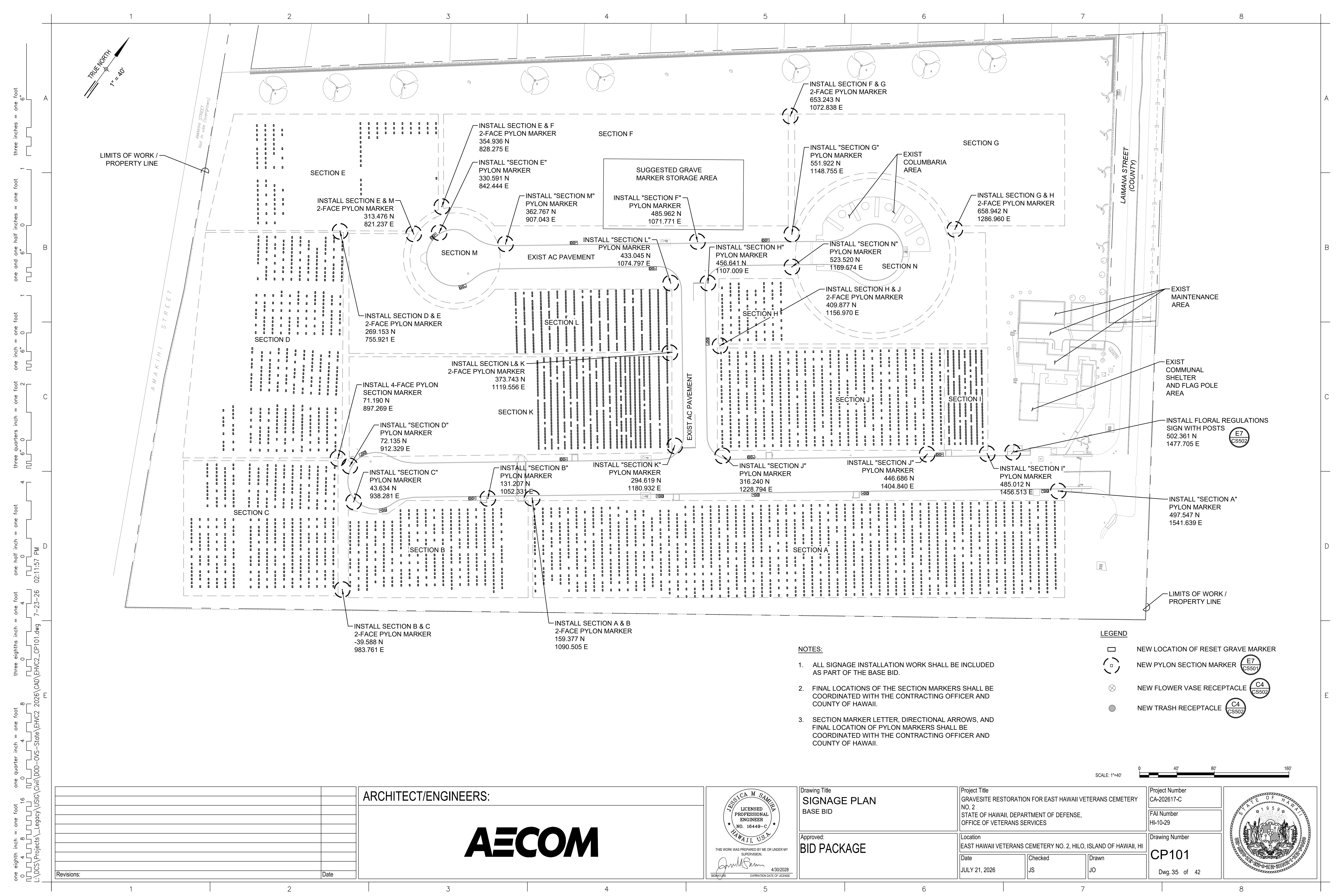
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HI-10-29

Drawing Number
CS125

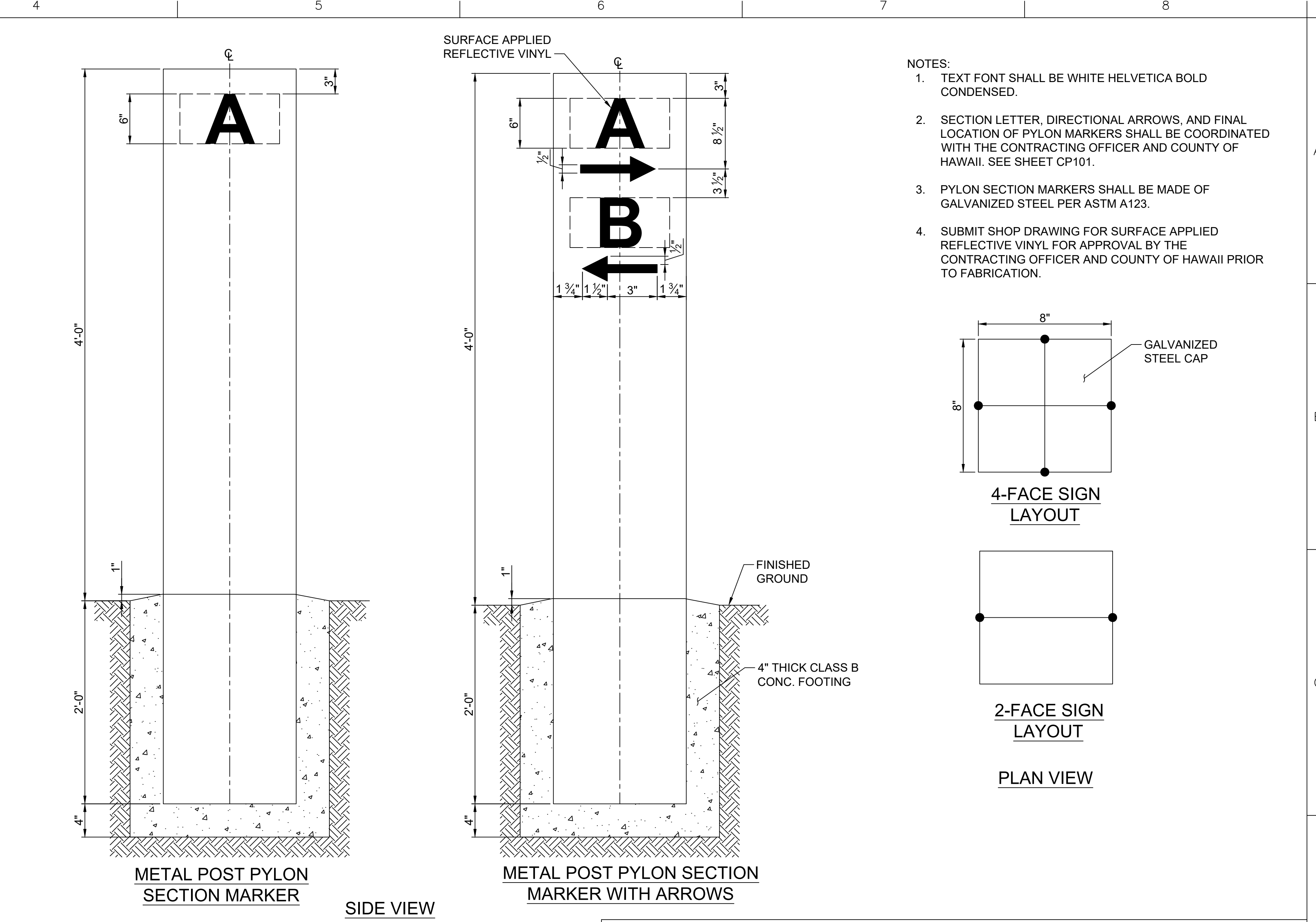
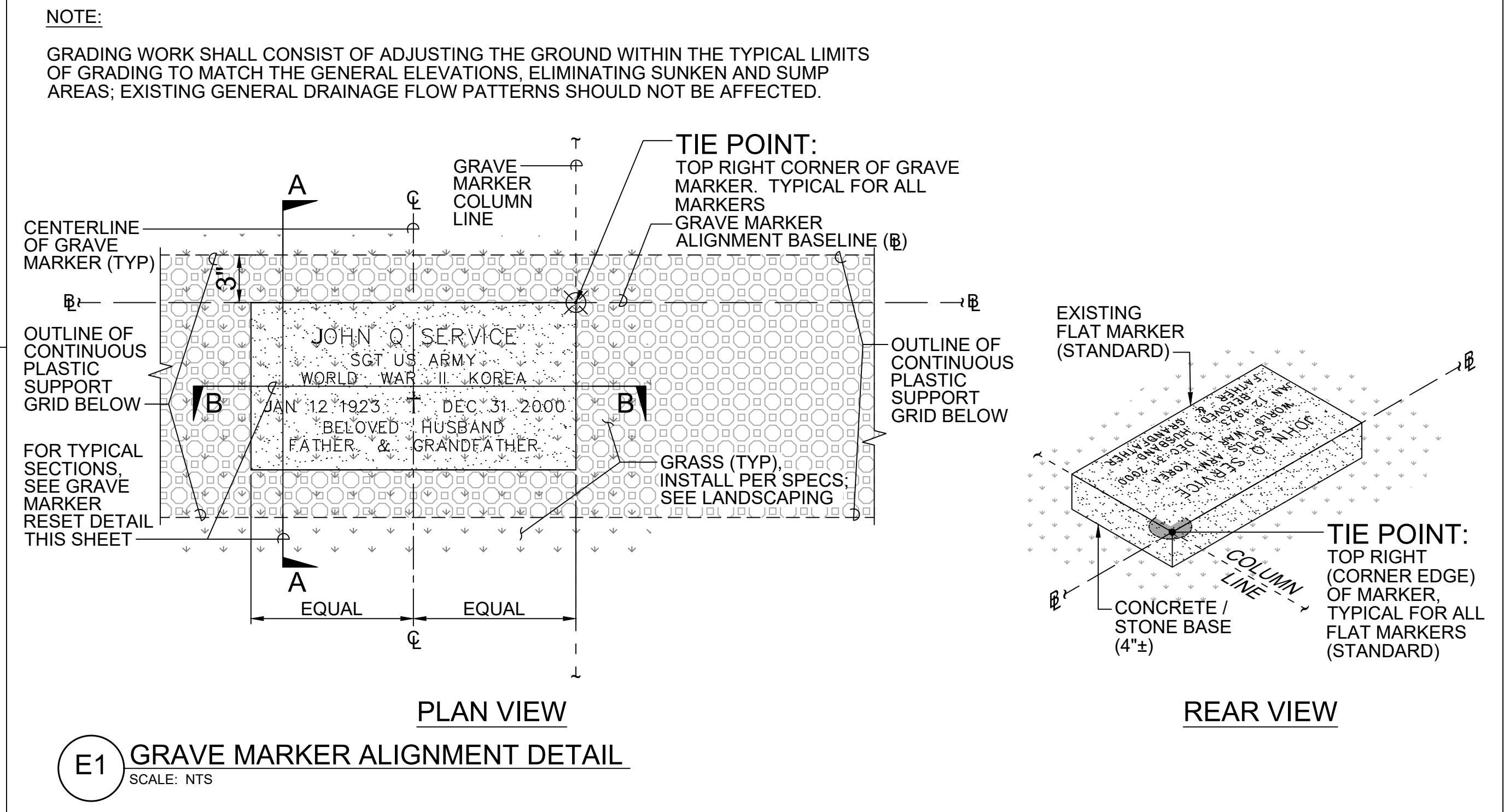
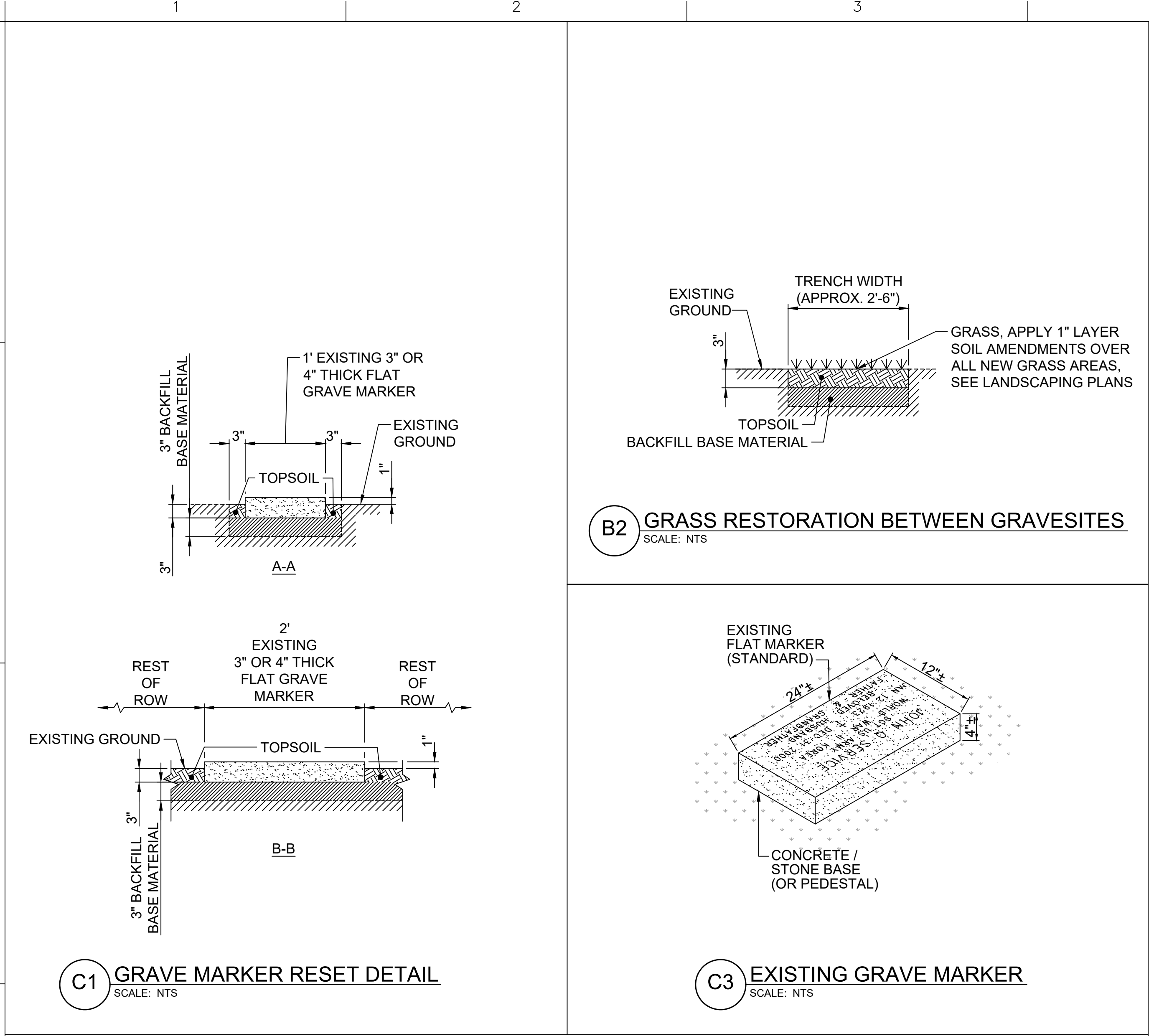
Dwg.33 of 42





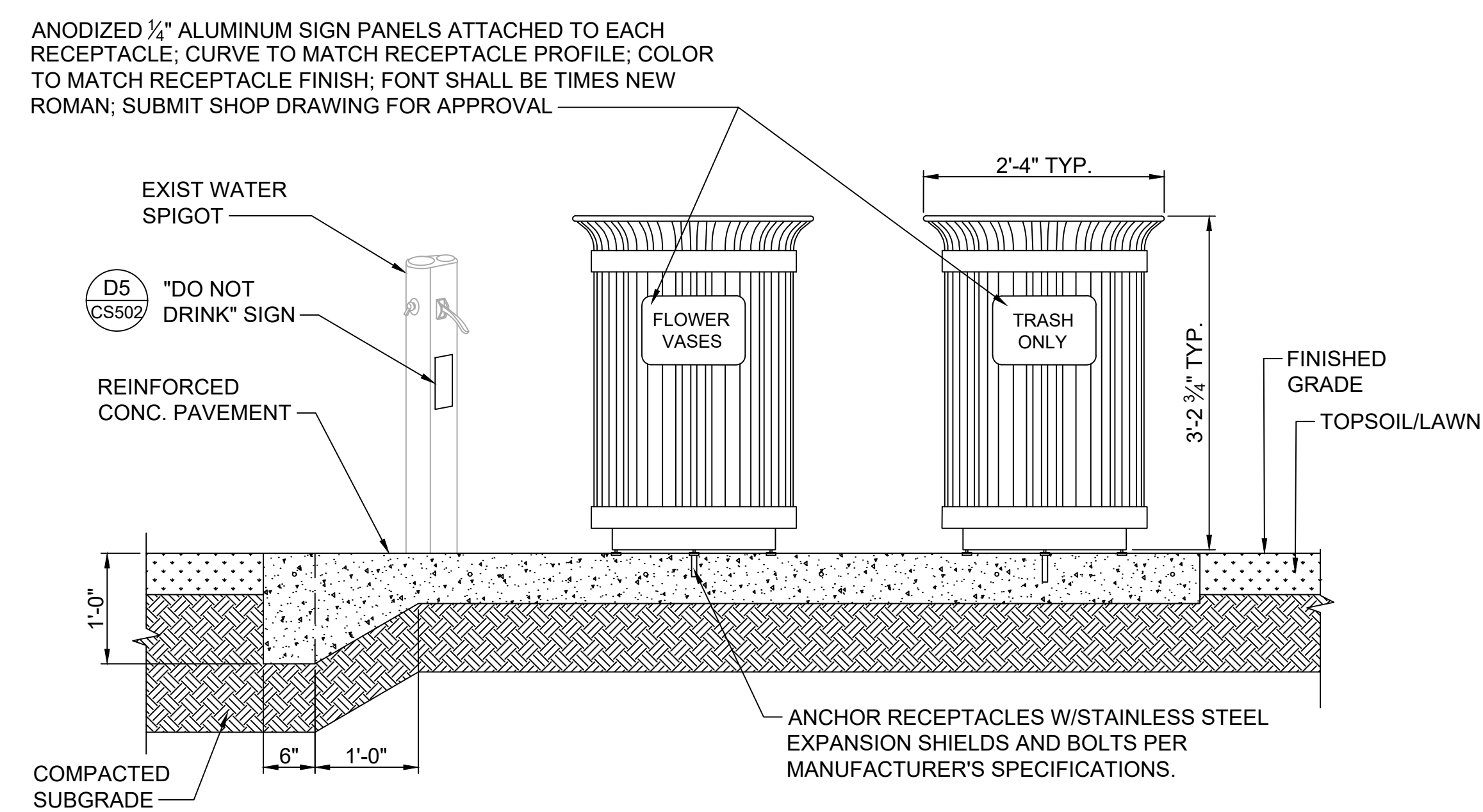


three inches = one foot
one and one half inches = one foot
one inch = one foot
three quarters inch = one foot
one half inch = one foot
one quarter inch = one foot
one eighth inch = one foot
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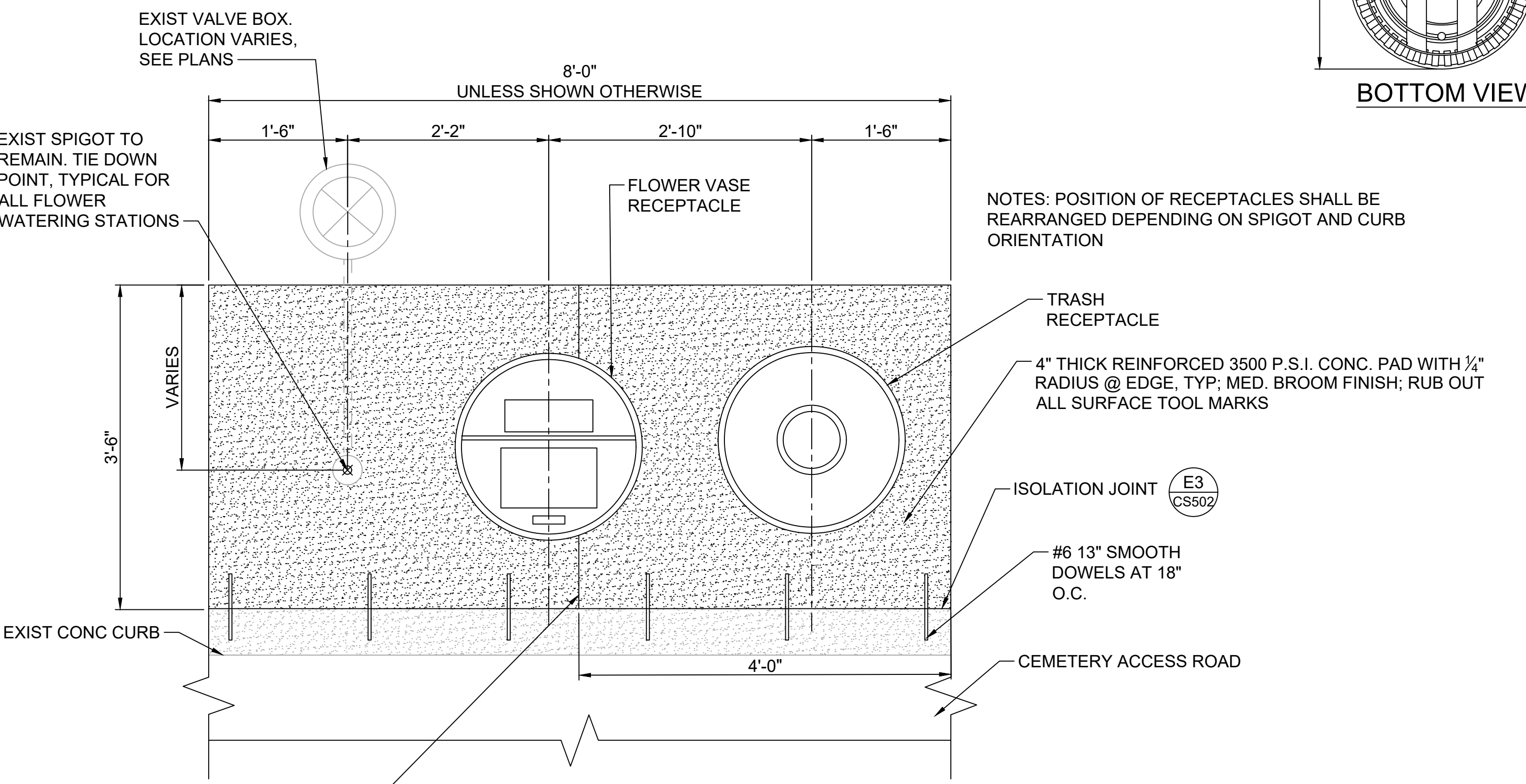


ARCHITECT/ENGINEERS:						Drawing Title MISCELLANEOUS DETAILS - 1		Project Title GRAVESITE RESTORATION FOR EAST HAWAII VETERANS CEMETERY NO. 2 STATE OF HAWAII, DEPARTMENT OF DEFENSE, OFFICE OF VETERANS SERVICES		Project Number CA-202617-C			
Revisions:		Date		Signature <i>Jessica M. Samra</i> 4/30/2026 EXPIRATION DATE OF LICENSE		Approved: BID PACKAGE		Location EAST HAWAII VETERANS CEMETERY NO. 2, HILO, ISLAND OF HAWAII, HI		Drawing Number CS501 Dwg. 36 of 42			
								Date JULY 21, 2026		Checked JS		Drawn JO	

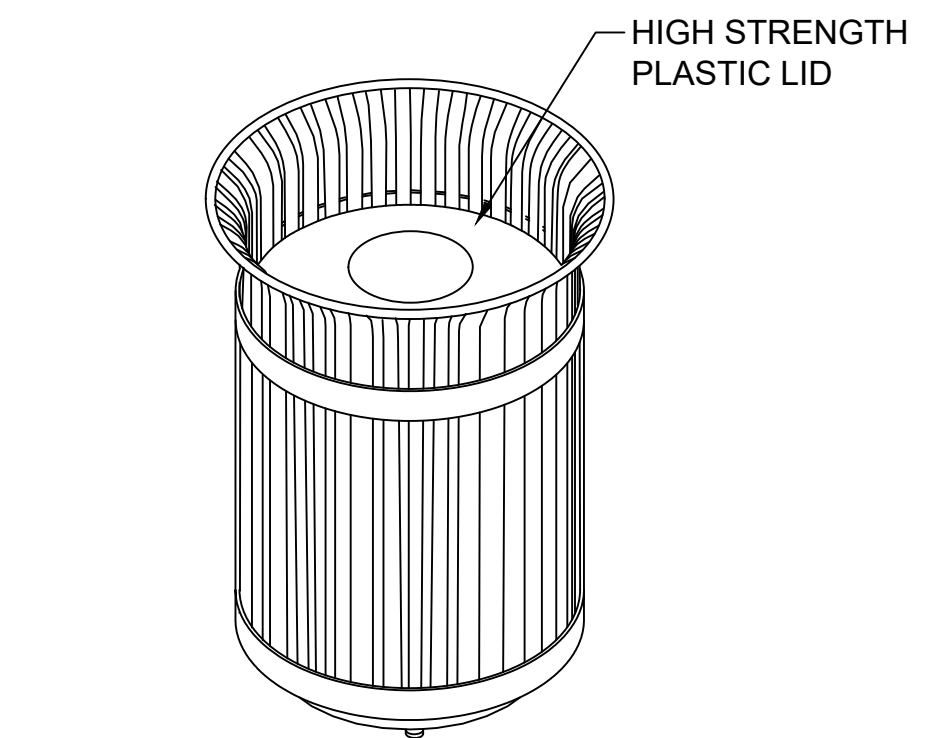
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three eighths inch = one foot
one quarter inch = one foot
one eighth inch = one foot
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Revisions: Date



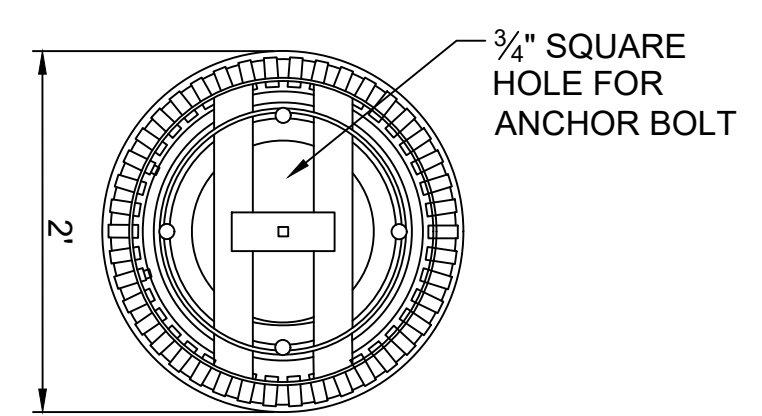
ELEVATION



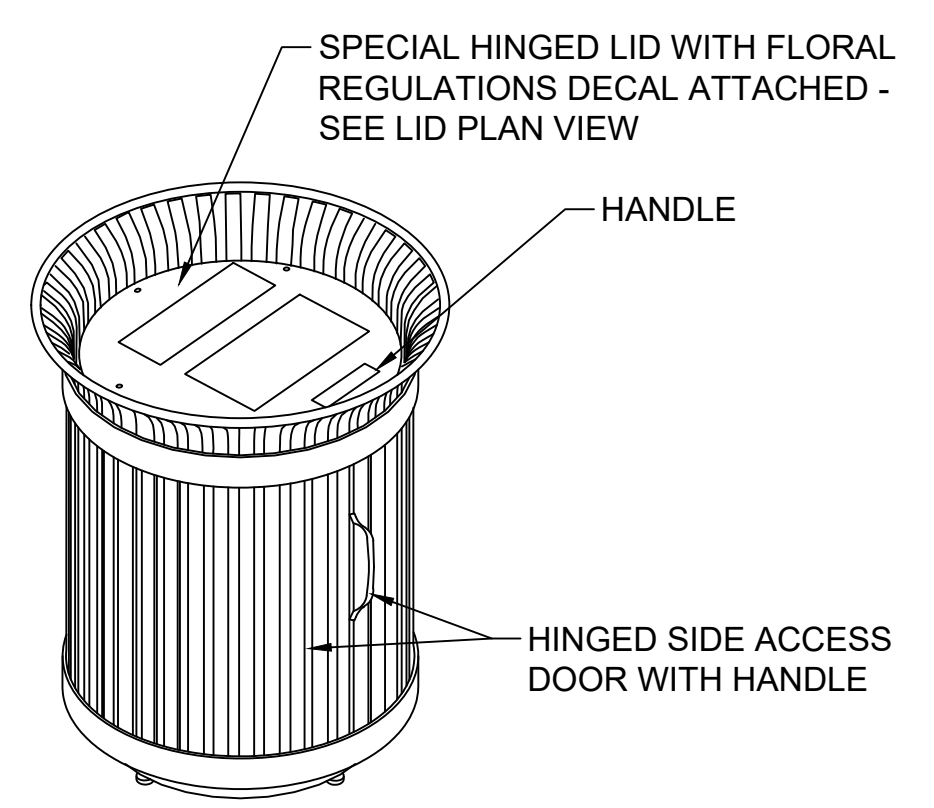
E2 FLOWER WATERING STATION
SCALE: NTS



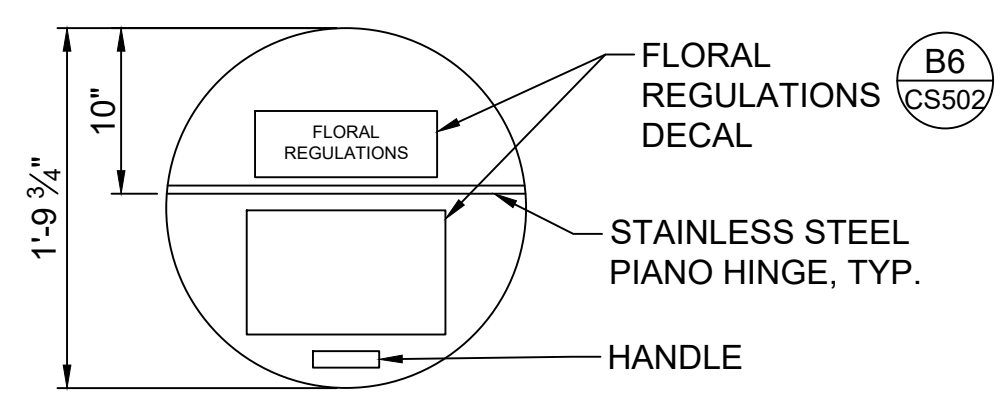
TRASH RECEPTACLE PERSPECTIVE



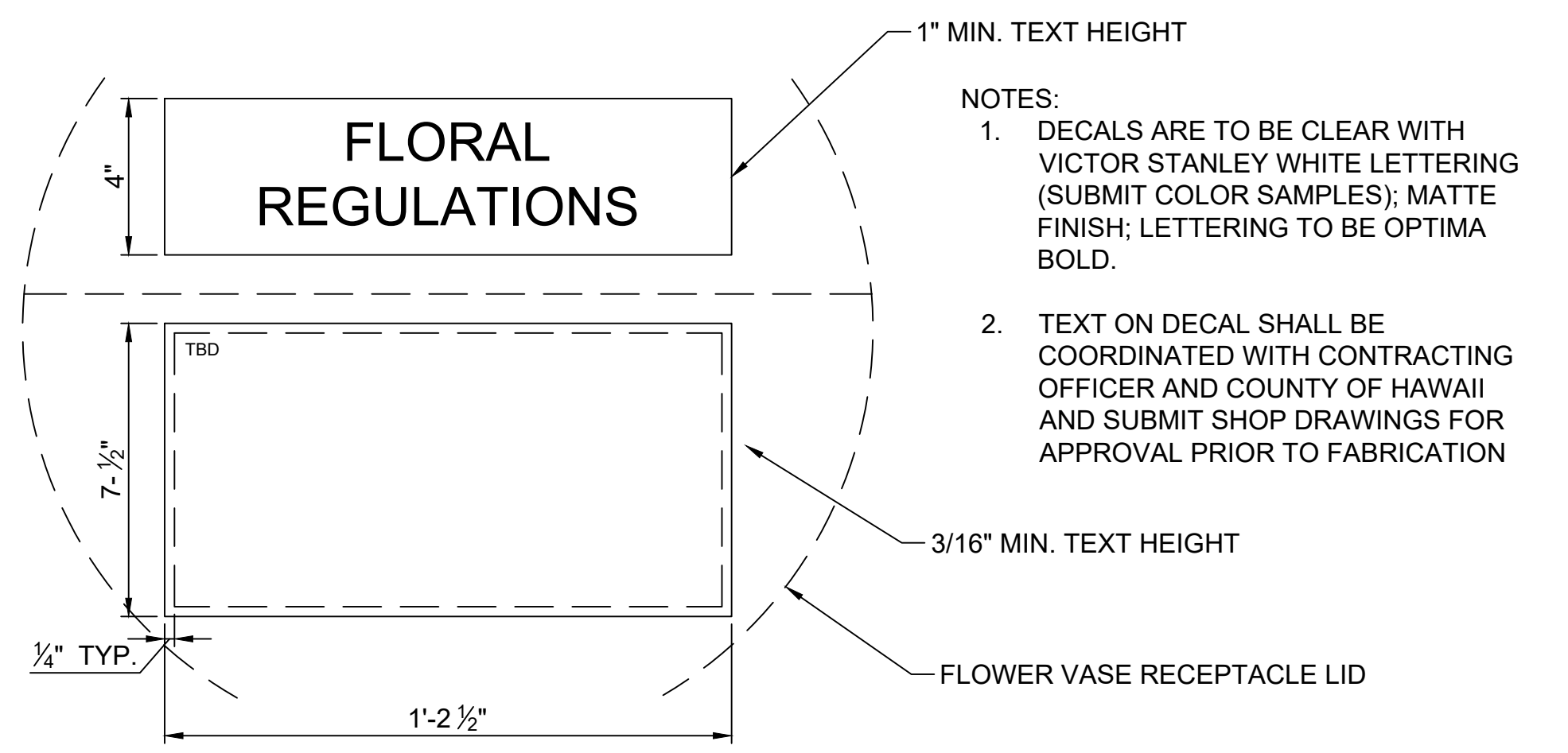
BOTTOM VIEW



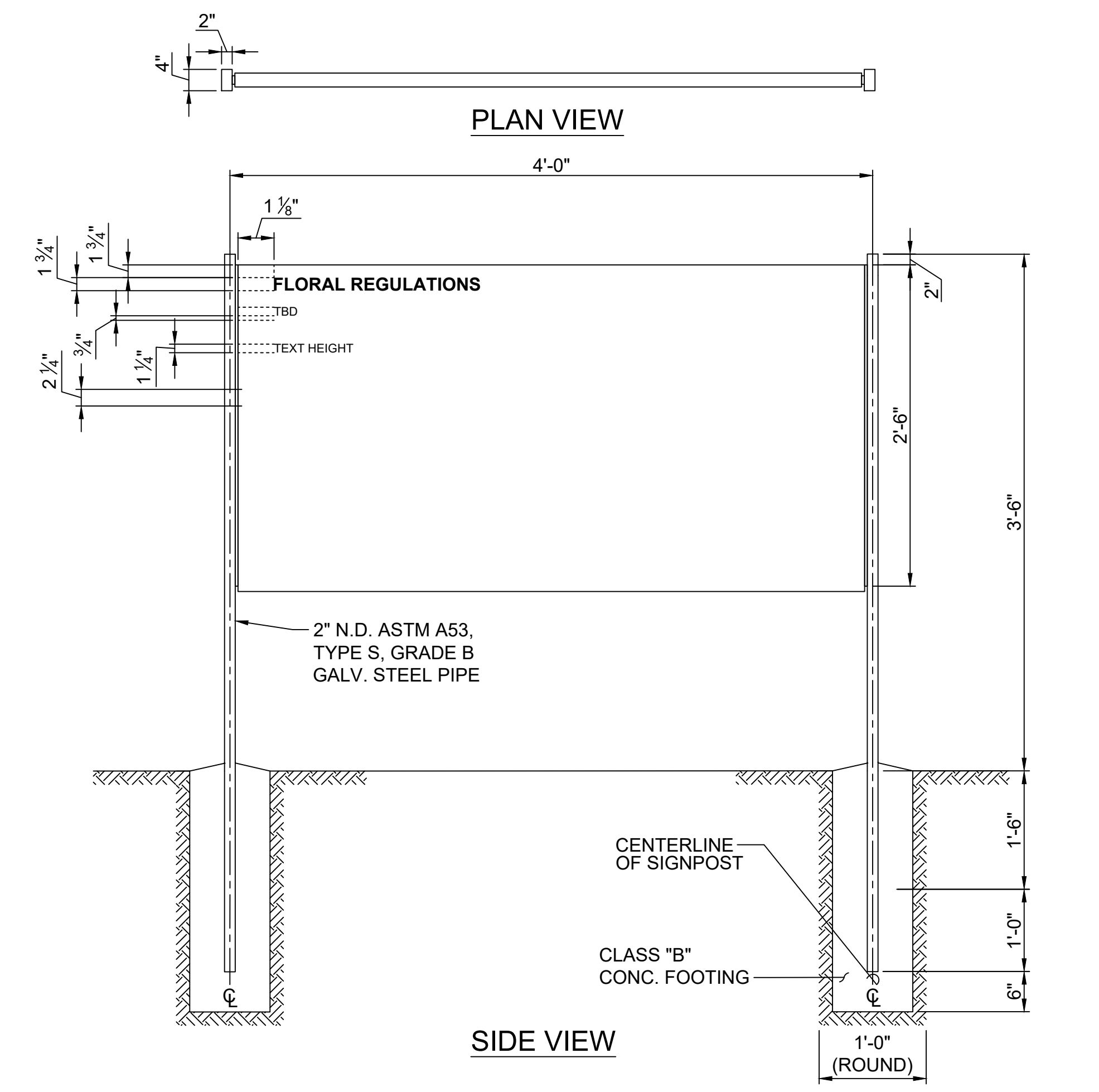
FLOVER VASE RECEPTACLE PERSPECTIVE



LID PLAN VIEW



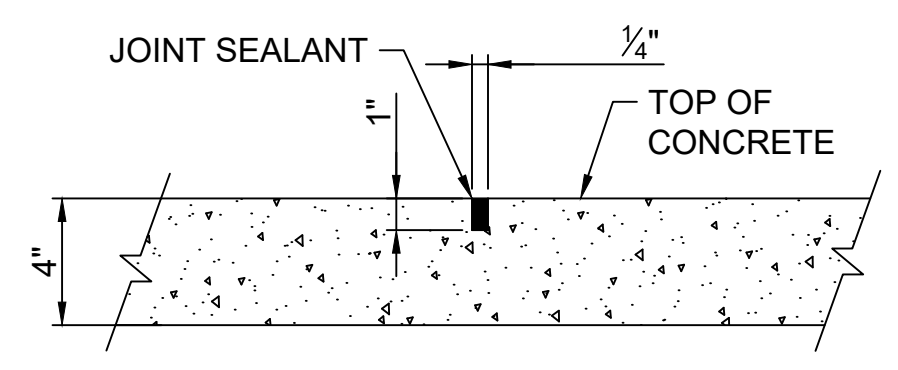
B6 FLORAL REGULATIONS RECEPTACLE LID DECALS
SCALE: NTS



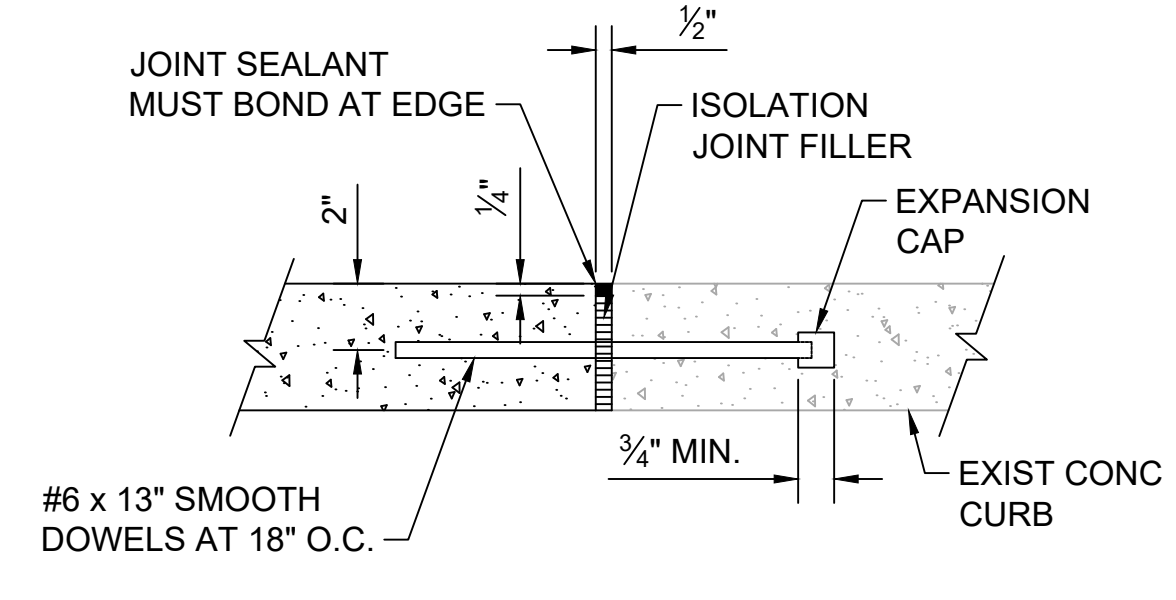
E7 FLORAL REGULATIONS SIGN DETAIL
SCALE: NTS



D5 'DO NOT DRINK' SIGN
SCALE: NTS

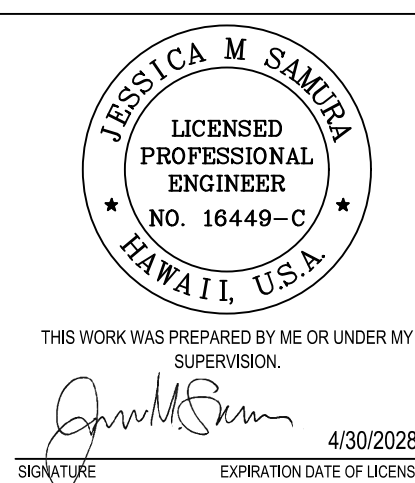


E5 CONTRACTION JOINT DETAIL
SCALE: NTS



E3 ISOLATION JOINT WITH DOWELS
SCALE: NTS

ARCHITECT/ENGINEERS:



Drawing Title
MISCELLANEOUS DETAILS - 2

Approved:
BID PACKAGE

Project Title
GRAVESITE RESTORATION FOR EAST HAWAII VETERANS CEMETERY NO. 2
STATE OF HAWAII, DEPARTMENT OF DEFENSE, OFFICE OF VETERANS SERVICES

Location
EAST HAWAII VETERANS CEMETERY NO. 2, HILO, ISLAND OF HAWAII, HI

Date
JULY 21, 2026

Checked
JS

Drawn
JO

Project Number
CA-202617-C

FAI Number
HI-10-29

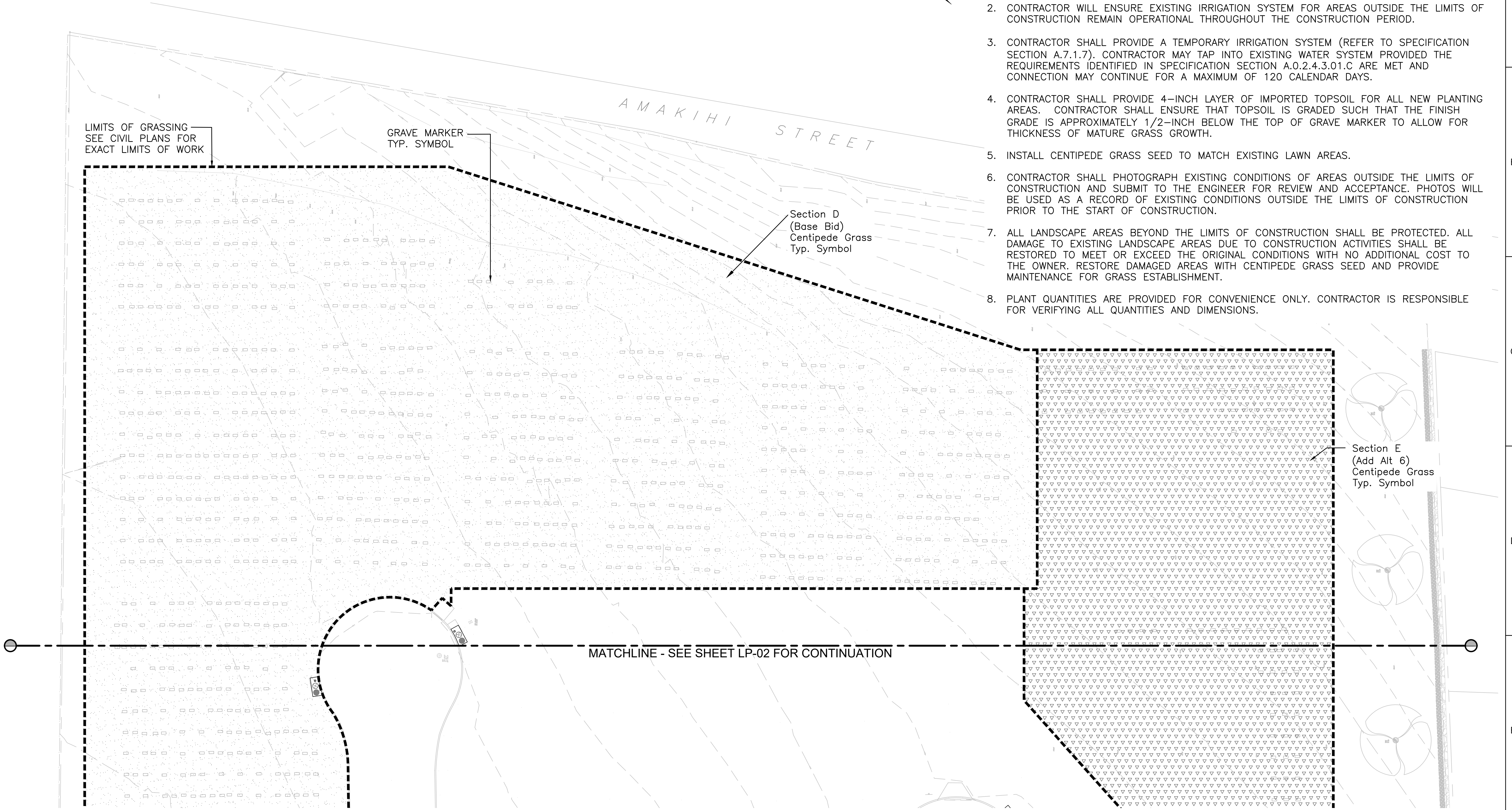
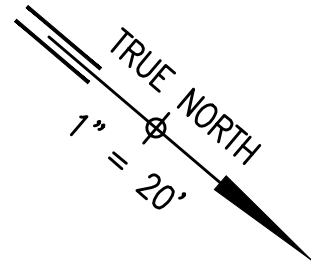
Drawing Number
CS502

Dwg. 37 of 42



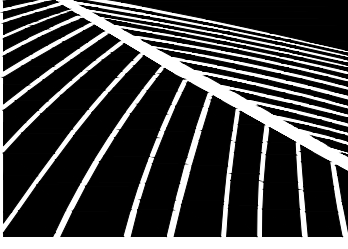
PLANTING NOTES:

1. CONTRACTOR SHALL LOCATE ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION, INCLUDING ALL IRRIGATION EQUIPMENT AND IRRIGATION PIPE ROUTES. EXISTING IRRIGATION SYSTEM IS TO REMAIN AND BE PROTECTED THROUGHOUT CONSTRUCTION. CONTRACTOR WILL BE RESPONSIBLE FOR REPLACING ALL IRRIGATION EQUIPMENT DAMAGED BY CONSTRUCTION WITH SAME PRODUCT AS ORIGINALLY INSTALLED.
2. CONTRACTOR WILL ENSURE EXISTING IRRIGATION SYSTEM FOR AREAS OUTSIDE THE LIMITS OF CONSTRUCTION REMAIN OPERATIONAL THROUGHOUT THE CONSTRUCTION PERIOD.
3. CONTRACTOR SHALL PROVIDE A TEMPORARY IRRIGATION SYSTEM (REFER TO SPECIFICATION SECTION A.7.1.7). CONTRACTOR MAY TAP INTO EXISTING WATER SYSTEM PROVIDED THE REQUIREMENTS IDENTIFIED IN SPECIFICATION SECTION A.0.2.4.3.01.C ARE MET AND CONNECTION MAY CONTINUE FOR A MAXIMUM OF 120 CALENDAR DAYS.
4. CONTRACTOR SHALL PROVIDE 4-INCH LAYER OF IMPORTED TOPSOIL FOR ALL NEW PLANTING AREAS. CONTRACTOR SHALL ENSURE THAT TOPSOIL IS GRADED SUCH THAT THE FINISH GRADE IS APPROXIMATELY 1/2-INCH BELOW THE TOP OF GRAVE MARKER TO ALLOW FOR THICKNESS OF MATURE GRASS GROWTH.
5. INSTALL CENTIPEDE GRASS SEED TO MATCH EXISTING LAWN AREAS.
6. CONTRACTOR SHALL PHOTOGRAPH EXISTING CONDITIONS OF AREAS OUTSIDE THE LIMITS OF CONSTRUCTION AND SUBMIT TO THE ENGINEER FOR REVIEW AND ACCEPTANCE. PHOTOS WILL BE USED AS A RECORD OF EXISTING CONDITIONS OUTSIDE THE LIMITS OF CONSTRUCTION PRIOR TO THE START OF CONSTRUCTION.
7. ALL LANDSCAPE AREAS BEYOND THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED. ALL DAMAGE TO EXISTING LANDSCAPE AREAS DUE TO CONSTRUCTION ACTIVITIES SHALL BE RESTORED TO MEET OR EXCEED THE ORIGINAL CONDITIONS WITH NO ADDITIONAL COST TO THE OWNER. RESTORE DAMAGED AREAS WITH CENTIPEDE GRASS SEED AND PROVIDE MAINTENANCE FOR GRASS ESTABLISHMENT.
8. PLANT QUANTITIES ARE PROVIDED FOR CONVENIENCE ONLY. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL QUANTITIES AND DIMENSIONS.



Revisions:	Date

ARCHITECT/ENGINEERS:



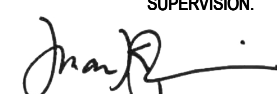
PBR HAWAII
& ASSOCIATES, INC.

LANDSCAPE ARCHITECTURE
LAND PLANNING
ENVIRONMENTAL STUDIES
GRAPHIC DESIGN

1001 BISHOP STREET
AMERICAN SAVINGS BANK TOWER,
SUITE 650
HONOLULU, HAWAII 96813-3484
TEL: (808) 525-5631 FAX: (808) 525-1402
WEB: WWW.PBRHAWAII.COM
EMAIL: SYSADMIN@PBRHAWAII.COM



THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

 4/30/2028

SIGNATURE EXPIRATION DATE OF LICENSE

Drawing Title
PLANTING PLAN - 1

Approved:
BID PACKAGE

Project Title
GRAVESITE RESTORATION FOR EAST HAWAII VETERANS CEMETERY
NO. 2
STATE OF HAWAII, DEPARTMENT OF DEFENSE,
OFFICE OF VETERANS SERVICES

Location
EAST HAWAII VETERANS CEMETERY NO. 2, HILO, ISLAND OF HAWAII, HI

Date
JULY 21, 2026

Checked
MS

Drawn
AF

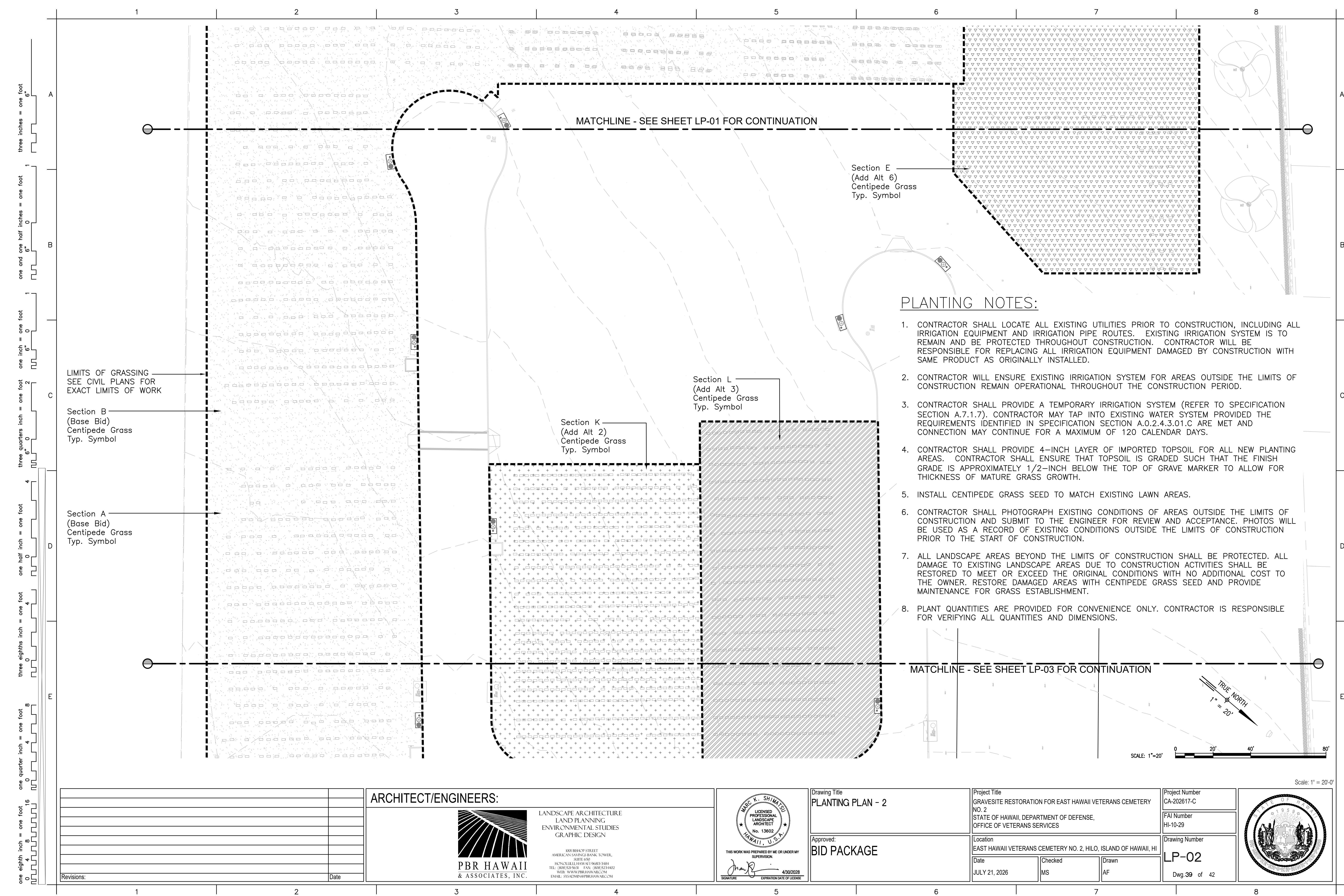
Project Number
CA-202617-C

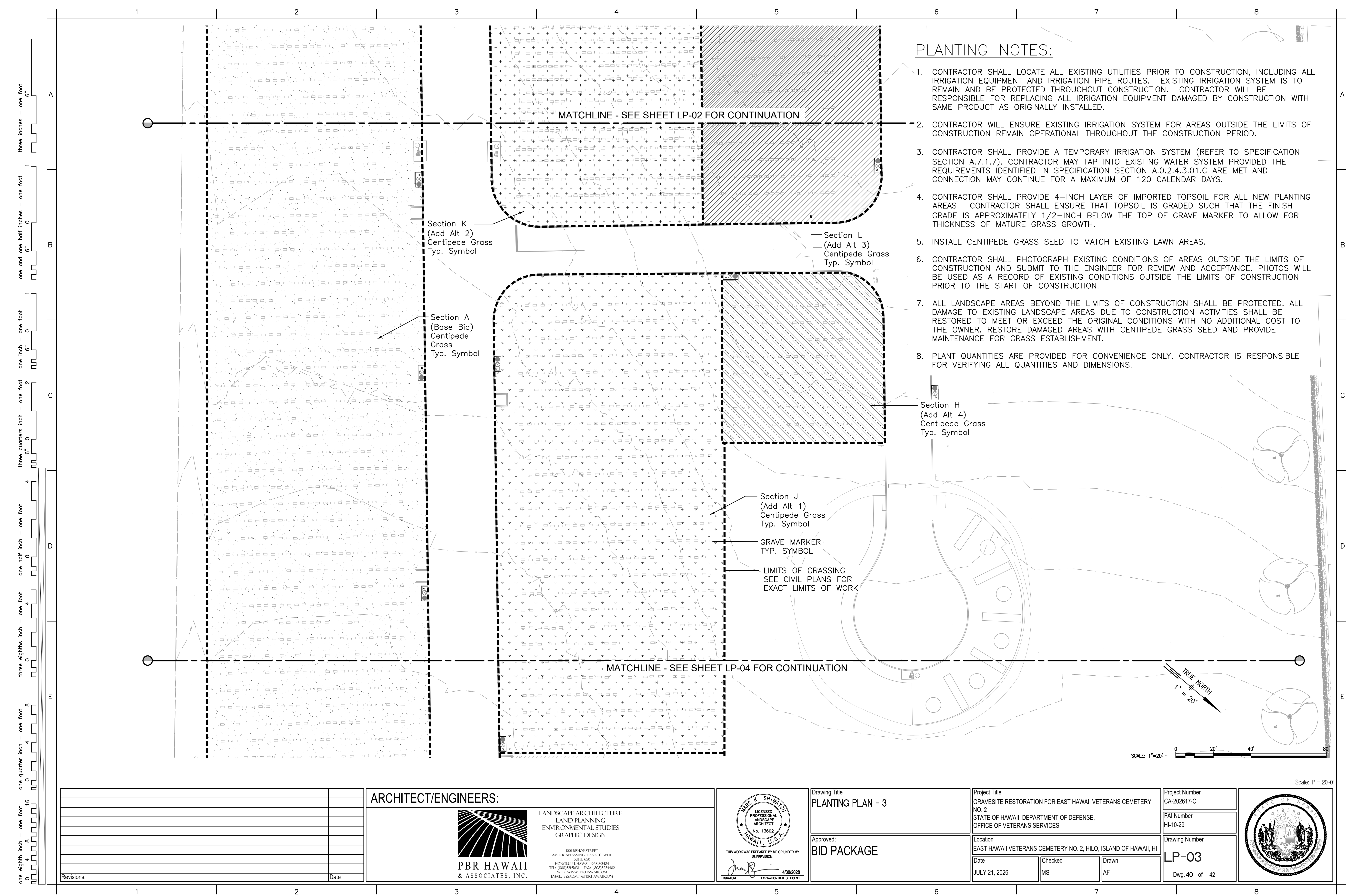
FAI Number
HI-10-29

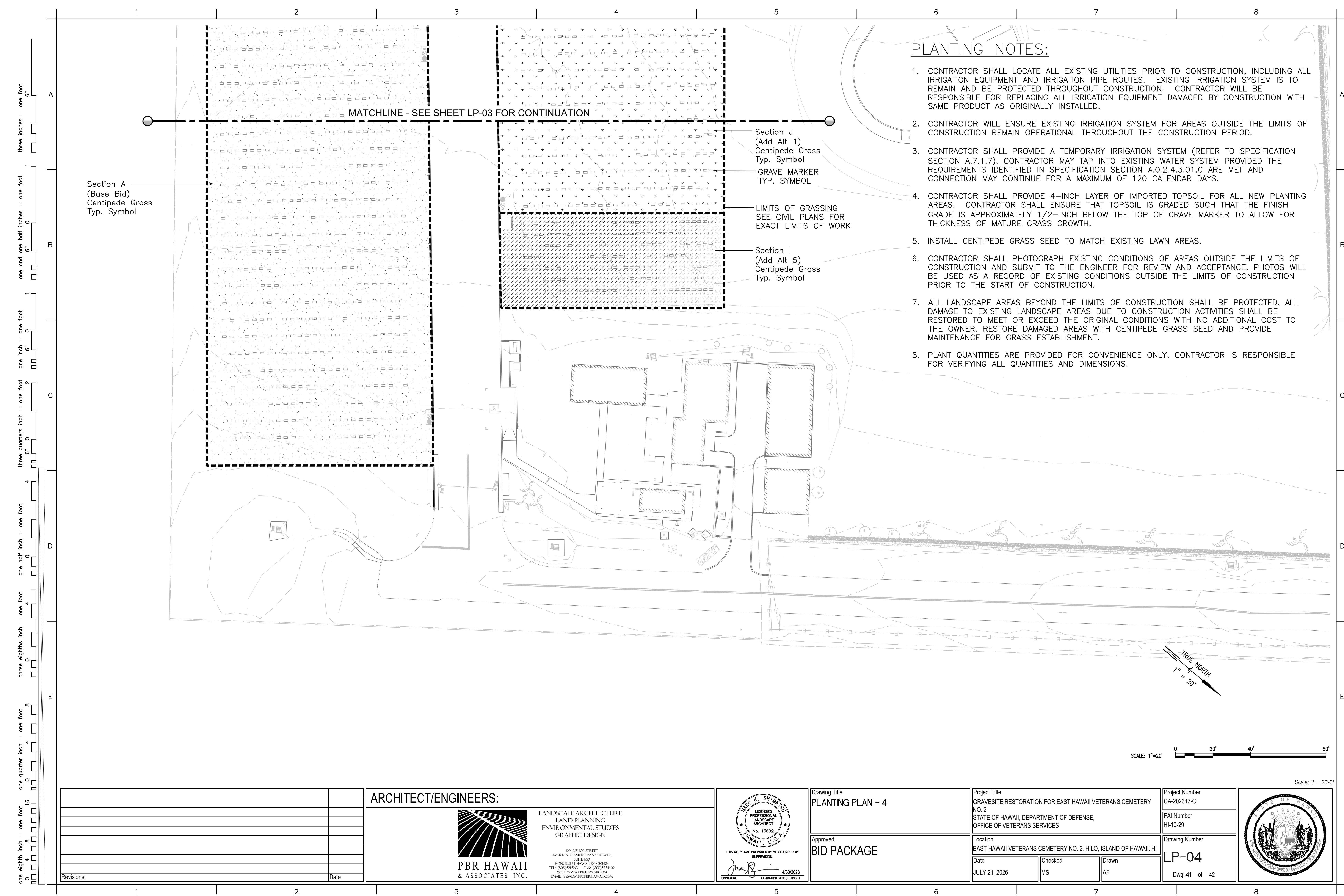
Drawing Number
LP-01

Dwg. 38 of 42









<u>SYMBOL</u>	<u>QTY</u>	<u>BOTANICAL NAME</u>	<u>COMMON NAME</u>	<u>CONT</u>	<u>REMARKS</u>
	150,700 SF	EREMOCHLOA OPHIUROIDES	CENTPEDE GRASS	SEED	HYDROSEED AT RATE DESCRIBED IN SPECIFICATIONS
	<u>QTY</u>	<u>DESCRIPTION</u>			
	165,800 SF	1" LAYER SOIL AMENDMENTS OF ALL NEW GRASS AREAS			
	2,050 CY	4" LAYER IMPORTED TOPSOIL OVER ALL NEW GRASS AREAS			

<u>SYMBOL</u>	<u>QTY</u>	<u>BOTANICAL NAME</u>	<u>COMMON NAME</u>	<u>CONT</u>	<u>REMARKS</u>
	30,280 SF	EREMOCHLOA OPHIUROIDES	CENTPEDE GRASS	SEED	HYDROSEED AT RATE DESCRIBED IN SPECIFICATIONS
	<u>QTY</u>	<u>DESCRIPTION</u>			
	33,310 SF	1" LAYER SOIL AMENDMENTS OF ALL NEW GRASS AREAS			
	412 CY	4" LAYER IMPORTED TOPSOIL OVER ALL NEW GRASS AREAS			

<u>SYMBOL</u>	<u>QTY</u>	<u>BOTANICAL NAME</u>	<u>COMMON NAME</u>	<u>CONT</u>	<u>REMARKS</u>
	17,690 SF	EREMOCHLOA OPHIUROIDES	CENTPEDE GRASS	SEED	HYDROSEED AT RATE DESCRIBED IN SPECIFICATIONS
<u>QTY</u>	<u>DESCRIPTION</u>				
19,460 SF	1" LAYER SOIL AMENDMENTS OF ALL NEW GRASS AREAS				
241 CY	4" LAYER IMPORTED TOPSOIL OVER ALL NEW GRASS AREAS				

<u>SYMBOL</u>	<u>QTY</u>	<u>BOTANICAL NAME</u>	<u>COMMON NAME</u>	<u>CONT</u>	<u>REMARKS</u>
	17,100 SF	EREMOCHLOA OPHIUROIDES	CENTPEDE GRASS	SEED	HYDROSEED AT RATE DESCRIBED IN SPECIFICATIONS
	<u>QTY</u>	<u>DESCRIPTION</u>			
	18,810 SF	1" LAYER SOIL AMENDMENTS OF ALL NEW GRASS AREAS			
	233 CY	4" LAYER IMPORTED TOPSOIL OVER ALL NEW GRASS AREAS			

<u>SYMBOL</u>	<u>QTY</u>	<u>BOTANICAL NAME</u>	<u>COMMON NAME</u>	<u>CONT</u>	<u>REMARKS</u>
	7,630 SF	EREMOCHLOA OPHIUROIDES	CENTPEDE GRASS	SEED	HYDROSEED AT RATE DESCRIBED IN SPECIFICATIONS
	<u>QTY</u>	<u>DESCRIPTION</u>			
	8,395 SF	1" LAYER SOIL AMENDMENTS OF ALL NEW GRASS AREAS			
	105 CY	4" LAYER IMPORTED TOPSOIL OVER ALL NEW GRASS AREAS			

<u>SYMBOL</u>	<u>QTY</u>	<u>BOTANICAL NAME</u>	<u>COMMON NAME</u>	<u>CONT</u>	<u>REMARKS</u>
	5,960 SF	EREMOCHLOA OPHIUROIDES	CENTPEDE GRASS	SEED	HYDROSEED AT RATE DESCRIBED IN SPECIFICATIONS
	<u>QTY</u>	<u>DESCRIPTION</u>			
	6,560 SF	1" LAYER SOIL AMENDMENTS OF ALL NEW GRASS AREAS			
	81 CY	4" LAYER IMPORTED TOPSOIL OVER ALL NEW GRASS AREAS			

<u>SYMBOL</u>	<u>QTY</u>	<u>BOTANICAL NAME</u>	<u>COMMON NAME</u>	<u>CONT</u>	<u>REMARKS</u>
	24,500 SF	EREMOCHLOA OPHIUROIDES	CENTPEDE GRASS	SEED	HYDROSEED AT RATE DESCRIBED IN SPECIFICATIONS
	<u>QTY</u>	<u>DESCRIPTION</u>			
	26,950 SF	1" LAYER SOIL AMENDMENTS OF ALL NEW GRASS AREAS			
	333 CY	4" LAYER IMPORTED TOPSOIL OVER ALL NEW GRASS AREAS			

1. CONTRACTOR SHALL LOCATE ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION, INCLUDING ALL IRRIGATION EQUIPMENT AND IRRIGATION PIPE ROUTES. EXISTING IRRIGATION SYSTEM IS TO REMAIN AND BE PROTECTED THROUGHOUT CONSTRUCTION. CONTRACTOR WILL BE RESPONSIBLE FOR REPLACING ALL IRRIGATION EQUIPMENT DAMAGED BY CONSTRUCTION WITH SAME PRODUCT AS ORIGINALLY INSTALLED.
2. CONTRACTOR WILL ENSURE EXISTING IRRIGATION SYSTEM FOR AREAS OUTSIDE THE LIMITS OF CONSTRUCTION REMAIN OPERATIONAL THROUGHOUT THE CONSTRUCTION PERIOD.
3. CONTRACTOR SHALL PROVIDE A TEMPORARY IRRIGATION SYSTEM (REFER TO SPECIFICATION SECTION A.7.1.7). CONTRACTOR MAY TAP INTO EXISTING WATER SYSTEM PROVIDED THE REQUIREMENTS IDENTIFIED IN SPECIFICATION SECTION A.0.2.4.3.01.C ARE MET AND CONNECTION MAY CONTINUE FOR A MAXIMUM OF 120 CALENDAR DAYS.
4. CONTRACTOR SHALL PROVIDE 4-INCH LAYER OF IMPORTED TOPSOIL FOR ALL NEW PLANTING AREAS. CONTRACTOR SHALL ENSURE THAT TOPSOIL IS GRADED SUCH THAT THE FINISH GRADE IS APPROXIMATELY 1/2-INCH BELOW THE TOP OF GRAVE MARKER TO ALLOW FOR THICKNESS OF MATURE GRASS GROWTH.
5. INSTALL CENTIPEDE GRASS SEED TO MATCH EXISTING LAWN AREAS.
6. CONTRACTOR SHALL PHOTOGRAPH EXISTING CONDITIONS OF AREAS OUTSIDE THE LIMITS OF CONSTRUCTION AND SUBMIT TO THE ENGINEER FOR REVIEW AND ACCEPTANCE. PHOTOS WILL BE USED AS A RECORD OF EXISTING CONDITIONS OUTSIDE THE LIMITS OF CONSTRUCTION PRIOR TO THE START OF CONSTRUCTION.
7. ALL LANDSCAPE AREAS BEYOND THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED. ALL DAMAGE TO EXISTING LANDSCAPE AREAS DUE TO CONSTRUCTION ACTIVITIES SHALL BE RESTORED TO MEET OR EXCEED THE ORIGINAL CONDITIONS WITH NO ADDITIONAL COST TO THE OWNER. RESTORE DAMAGED AREAS WITH CENTIPEDE GRASS SEED AND PROVIDE MAINTENANCE FOR GRASS ESTABLISHMENT.
8. PLANT QUANTITIES ARE PROVIDED FOR CONVENIENCE ONLY. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL QUANTITIES AND DIMENSIONS.

[illegible]

THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION.

Marc K. Shimatsu 4/30/2028
 SIGNATURE EXPIRATION DATE OF LICENSE

Drawing Title
PLANT LIST, DETAILS, AND NOTES
Approved:
BID PACKAGE

Project Title		
GRAVESITE RESTORATION FOR EAST HAWAII VETERANS CEMETERY NO. 2		
STATE OF HAWAII, DEPARTMENT OF DEFENSE, OFFICE OF VETERANS SERVICES		
Location		
EAST HAWAII VETERANS CEMETERY NO. 2, HILO, ISLAND OF HAWAII, HI		
Date	Checked	Drawn
JULY 21, 2026	MS	AF

Project Number CA-202617-C
FAI Number HI-10-29
Drawing Number LP-05
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Scale: As Shown