

STATE OF HAWAII
 DEPARTMENT OF DEFENSE
 OFFICE OF THE ADJUTANT GENERAL

RECONSTRUCT PARKING
 FORT RUGER, HONOLULU, HAWAII

JOB NO. CA-1906-D-S1

AECOM

1001 BISHOP ST, SUITE 1600
 HONOLULU, HAWAII 96813

THIS WORK WAS PREPARED BY ME
 OR UNDER MY SUPERVISION.

DAME Y. KODAMA

LICENSED PROFESSIONAL ENGINEER

No. 8688-C

HAWAII U.S.A.

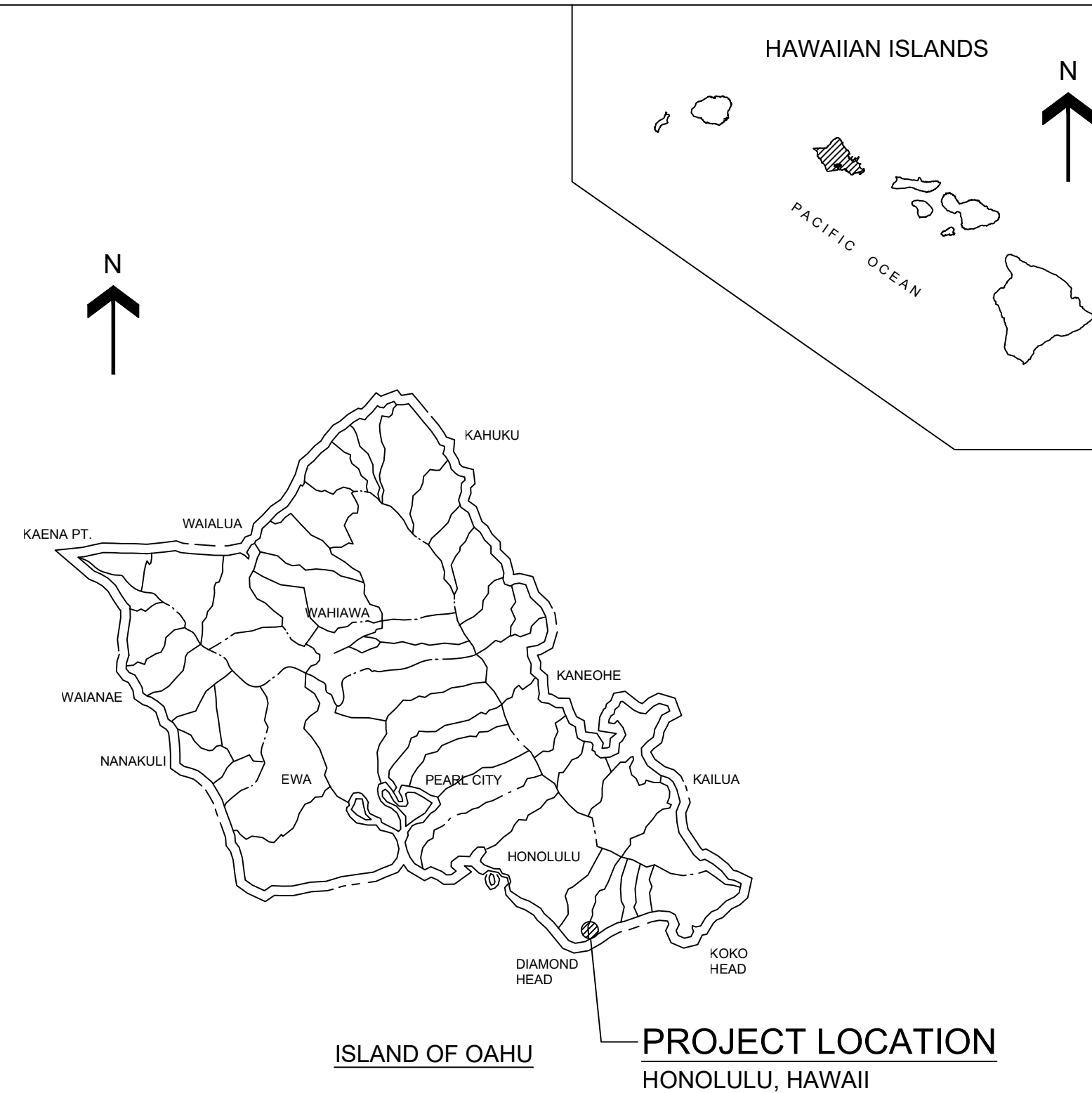
LICENSE EXPIRATION DATE: 4/30/2024

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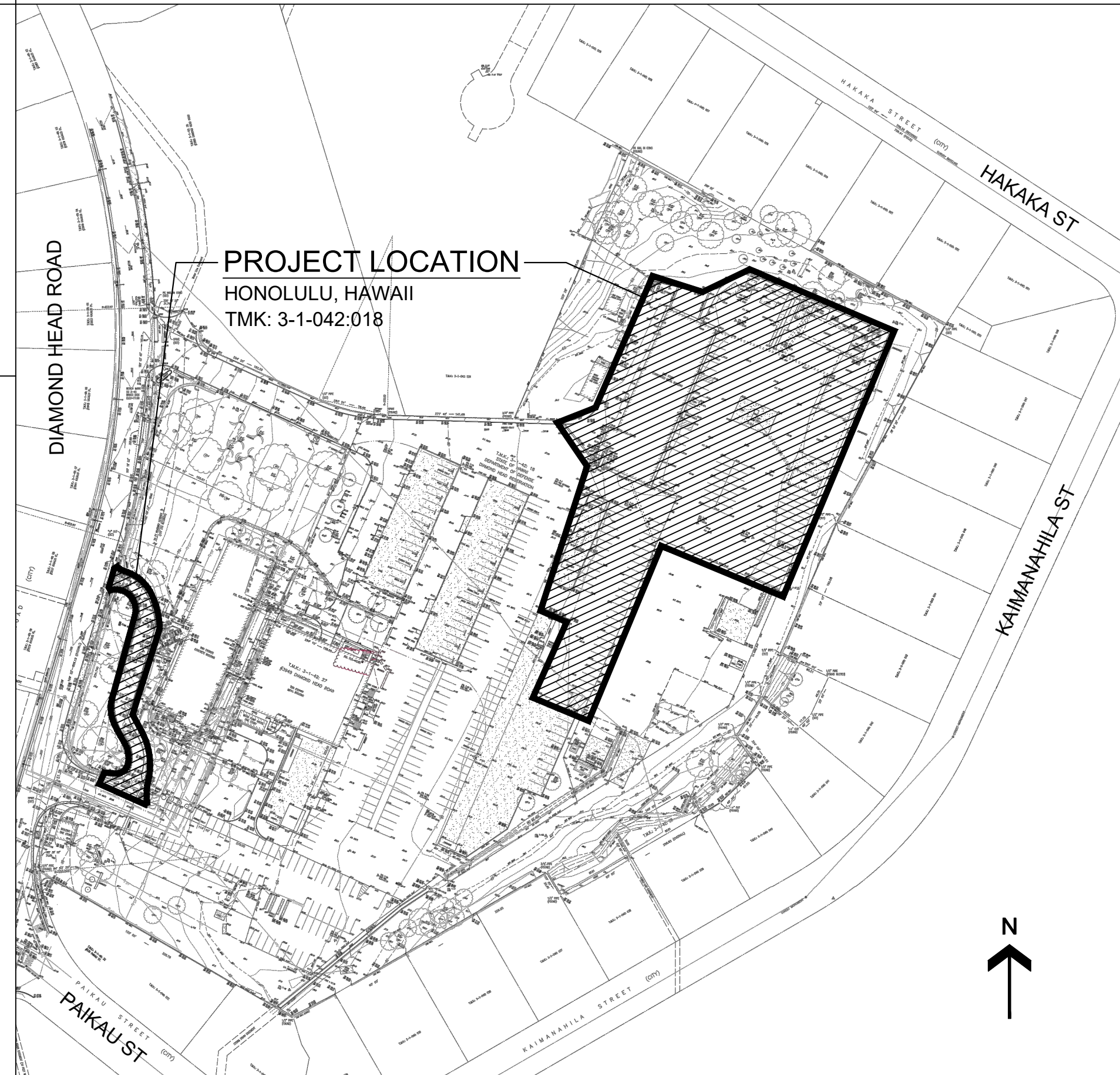
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SYMBOL DESCRIPTION

LOCATION MAP



VICINITY MAP



INDEX OF DRAWINGS

SHEET NO.	DRAWING NO.	SHEET TITLE
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3	C-002	CONSTRUCTION NOTES - 2
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5	C-004	EROSION AND SEDIMENT CONTROL PLAN NOTES
6	C-005	EROSION AND SEDIMENT CONTROL PLAN
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8	C-007	EXISTING CONDITIONS AND GRADING PLAN
9	CD101	DEMOLITION SITE PLAN
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21	E-202	LOOP DETECTOR DETAILS

CIVIL:
 AECOM
 1001 BISHOP STREET
 SUITE 1600
 HONOLULU, HAWAII 96813
 808-521-3051

GEOTECHNICAL:
 GEOLABS, INC.
 94-429 KOAKI STREET
 SUITE 200
 WAIPAHU, HI 96797
 808-841-5064

ELECTRICAL:
 RONALD N.S. HO & ASSOCIATES, INC.
 2153 N. KING STREET
 SUITE 201
 HONOLULU, HI 96819
 808-941-0577

TOPOGRAPHIC SURVEY:
 CONTROL POINT SURVEYING, INC.
 615 PIKIOI STREET
 SUITE 700
 HONOLULU, HI 96814
 808-591-2022

STATE OF HAWAII
 DEPARTMENT OF DEFENSE
 ENGINEERING OFFICE
 FORT RUGER
 HONOLULU, HAWAII
RECONSTRUCT PARKING
 TITLE SHEET, LOCATION MAP, VICINITY MAP, INDEX OF DRAWINGS

SCALE: AS NOTED

STATE JOB NO. CA-1906-D-S1

FEDERAL PROJECT NO. --

SHEET 1 OF 21

G-001

1

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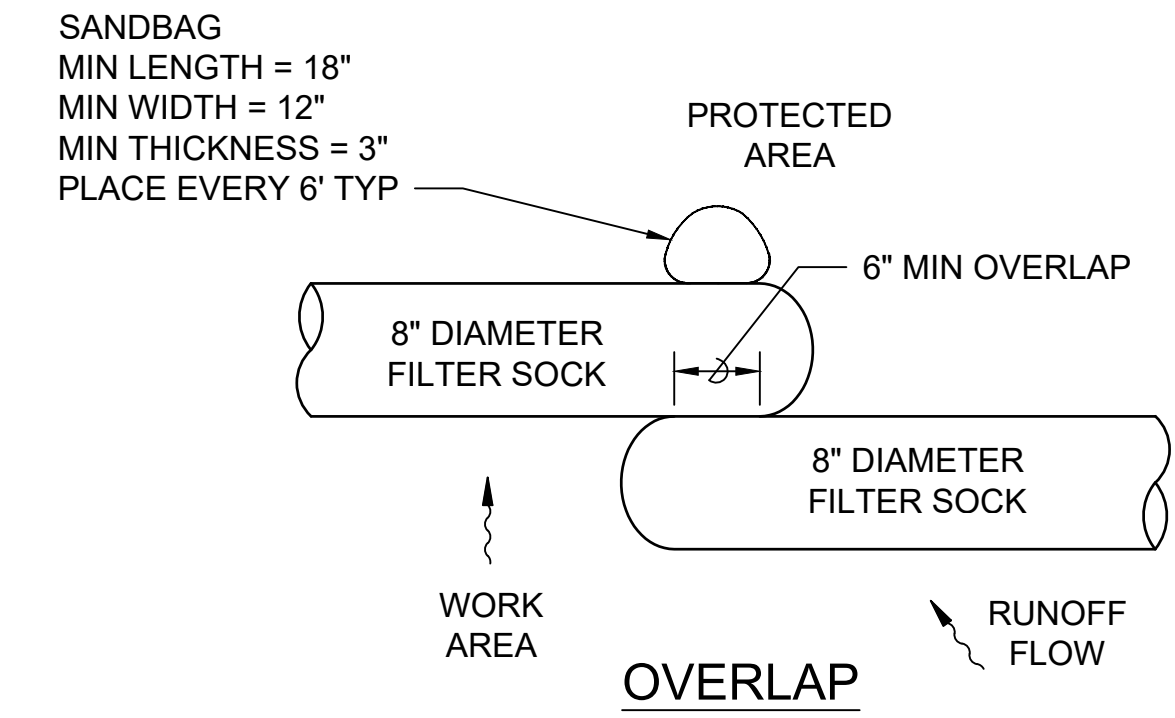
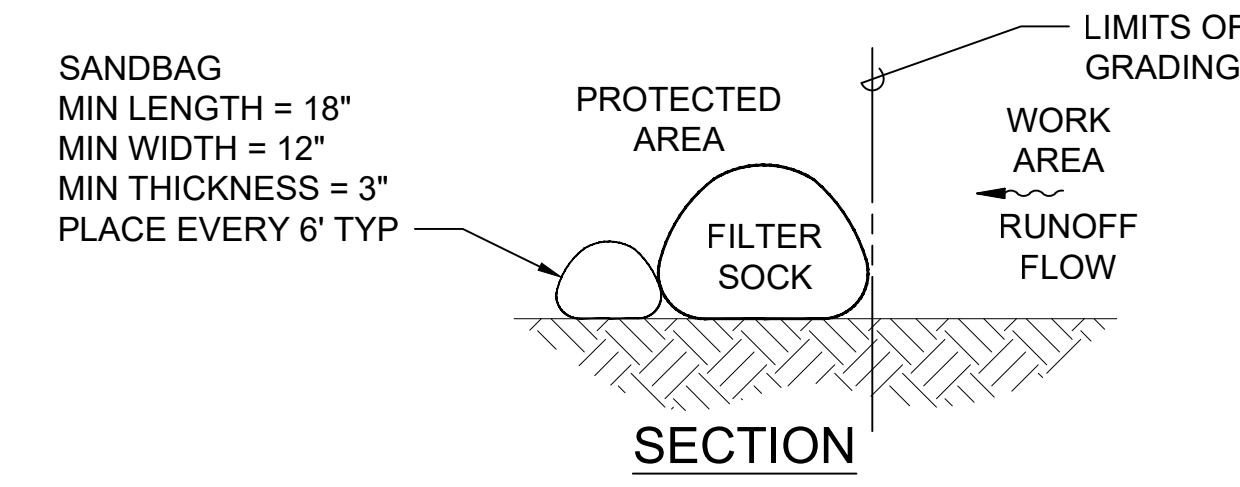
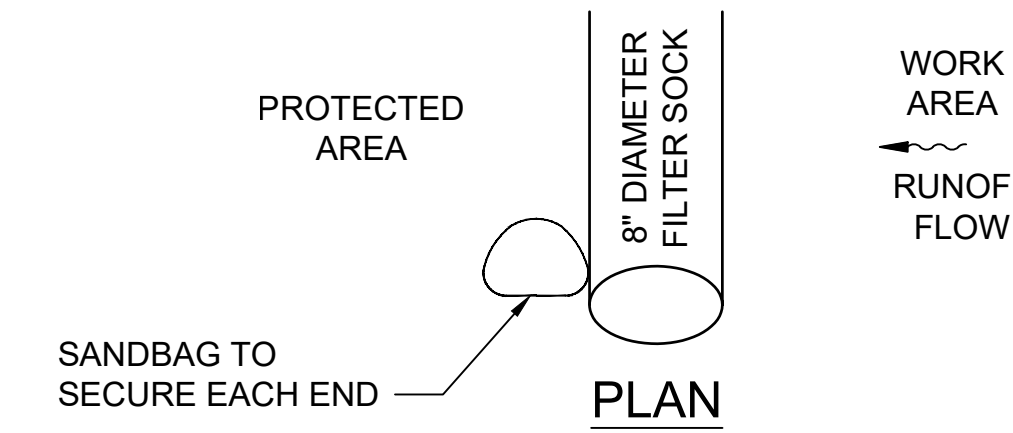
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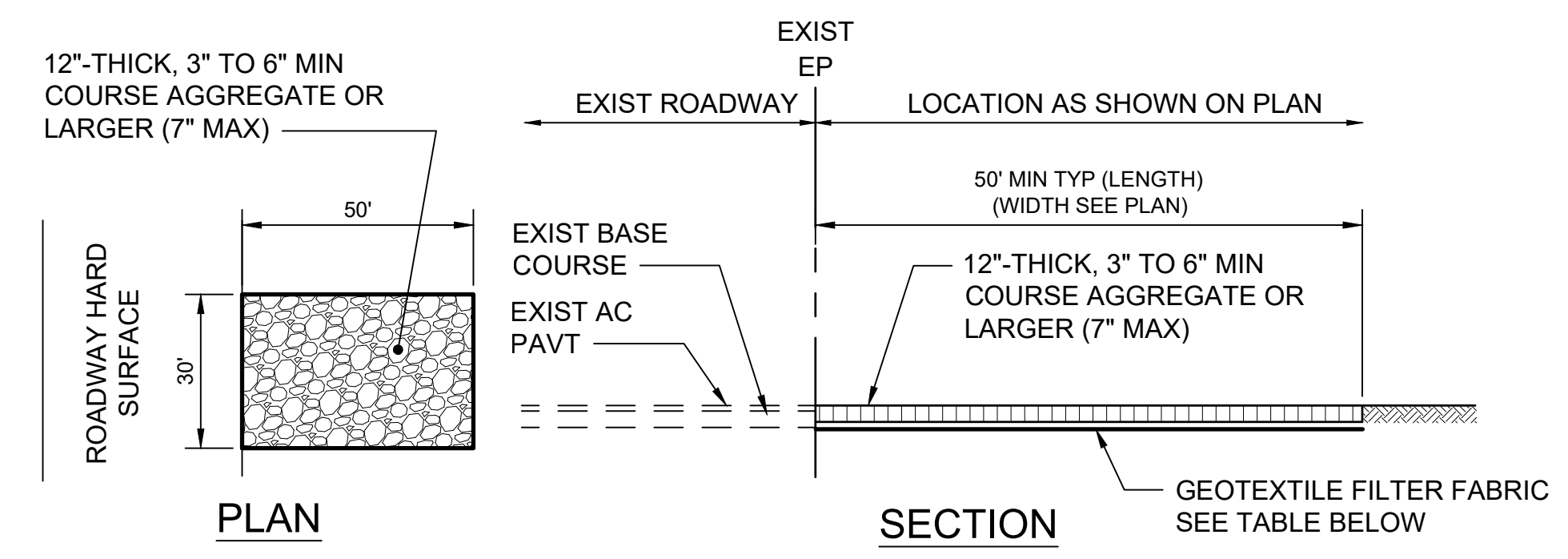
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2 COMPOST FILTER SOCK
C-006 SCALE: NTS



NOTE:
12\"/>

TABLE A GEOTEXTILE REQUIREMENTS	
PHYSICAL PROPERTY	REQUIREMENTS
GRAB TENSILE STRENGTH	220 LB (ASTM D1682)
ELONGATION FAILURE	60% (ASTM D1682)
MULLEN BURST STRENGTH	430 LB (ASTM D3768)
PUNCTURE STRENGTH	125 LB (ASTM D751, MODIFIED)
EQUIVALENT OPENING	SIZE 40-80 (U.S. STD SIEVE, CW-02215)

1 CONSTRUCTION INGRESS & EGRESS DETAIL
C-006 SCALE: NTS

AECOM
1001 BISHOP ST, SUITE 1600
HONOLULU, HAWAII 96813

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DAME Y. KODAMA
LICENSED PROFESSIONAL ENGINEER
No. 8688-C
HAWAII, U.S.A.
LICENSE EXPIRATION DATE: 4/30/2024

SYMBOL	DESCRIPTION	DATE	APPROVED

SUBMITTAL PHASE			
SUBMITTAL DATE			
DES	DK	DRW	JS
CHK	DK		

STATE OF HAWAII
DEPARTMENT OF DEFENSE
HONOLULU, HAWAII

RECONSTRUCT PARKING
EROSION AND SEDIMENT CONTROL PLAN DETAILS

ENGINEERING OFFICE
FORT RUGER

SCALE:	AS NOTED
STATE JOB NO.	CA-1906-D-S1
FEDERAL PROJECT NO.	-
SHEET	7 OF 21

C-006

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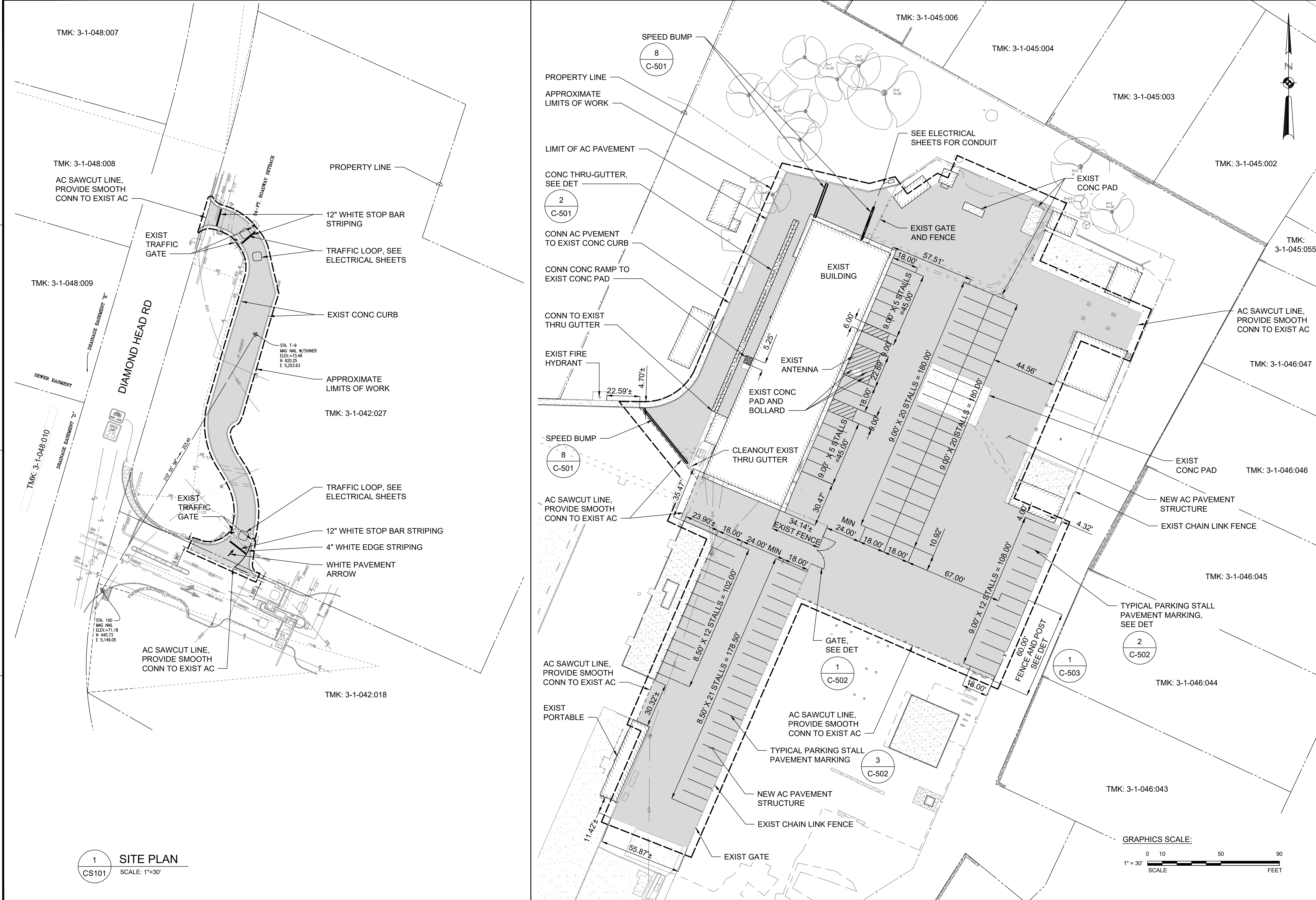
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TMK: 3-1-048:007

TMK: 3-1-048:008
AC SAWCUT LINE,
PROVIDE SMOOTH
CONN TO EXIST AC

TMK: 3-1-048:009

PROPERTY LINE

12" WHITE STOP BAR
STRIPING

TRAFFIC LOOP, SEE
ELECTRICAL SHEETS

EXIST CONC CURB

APPROXIMATE
LIMITS OF WORK

TMK: 3-1-042:027

TRAFFIC LOOP, SEE
ELECTRICAL SHEETS

12" WHITE STOP BAR
STRIPING

4" WHITE EDGE
STRIPING

WHITE PAVEMENT
ARROW

AC SAWCUT LINE,
PROVIDE SMOOTH
CONN TO EXIST AC

TMK: 3-1-042:018

SPEED BUMP
8
C-501

PROPERTY LINE

APPROXIMATE
LIMITS OF WORK

LIMIT OF AC PAVEMENT

CONC THRU-GUTTER,
SEE DET

2
C-501

CONN AC PVEMENT
TO EXIST CONC CURB

CONN CONC RAMP TO
EXIST CONC PAD

CONN TO EXIST
THRU GUTTER

EXIST FIRE
HYDRANT

SPEED BUMP
8
C-501

AC SAWCUT LINE,
PROVIDE SMOOTH
CONN TO EXIST AC

AC SAWCUT LINE,
PROVIDE SMOOTH
CONN TO EXIST AC

EXIST PORTABLE

TMK: 3-1-045:006

TMK: 3-1-045:004

TMK: 3-1-045:003

TMK: 3-1-045:002

TMK:
3-1-045:055

AC SAWCUT LINE,
PROVIDE SMOOTH
CONN TO EXIST AC

TMK: 3-1-046:047

EXIST CONC PAD
TMK: 3-1-046:046

NEW AC PAVEMENT
STRUCTURE

EXIST CHAIN LINK FENCE

TMK: 3-1-046:045

TYPICAL PARKING STALL
PAVEMENT MARKING,
SEE DET

2
C-502

TMK: 3-1-046:044

TMK: 3-1-046:043

1
C-502

AC SAWCUT LINE,
PROVIDE SMOOTH
CONN TO EXIST AC

TYPICAL PARKING STALL
PAVEMENT MARKING

3
C-502

NEW AC PAVEMENT
STRUCTURE

EXIST CHAIN LINK FENCE

EXIST GATE

SEE ELECTRICAL
SHEETS FOR CONDUIT

EXIST
CONC PAD

EXIST GATE
AND FENCE

EXIST
BUILDING

EXIST ANTENNA

EXIST CONC PAD AND
BOLLARD

CLEANOUT EXIST
THRU GUTTER

EXIST FENCE

1
C-502

GATE,
SEE DET

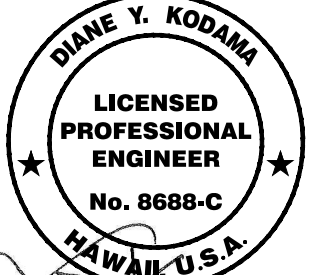
1
C-503

FENCE AND POST
SEE DET

AECOM

1001 BISHOP ST, SUITE 1600
HONOLULU, HAWAII 96813

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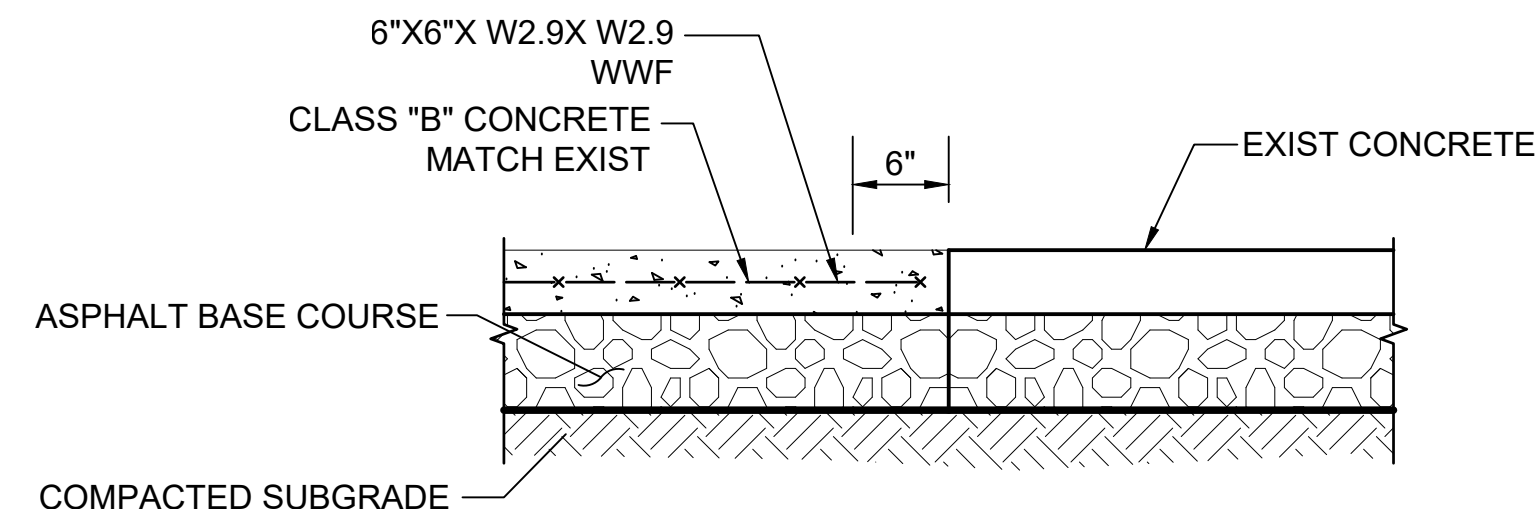
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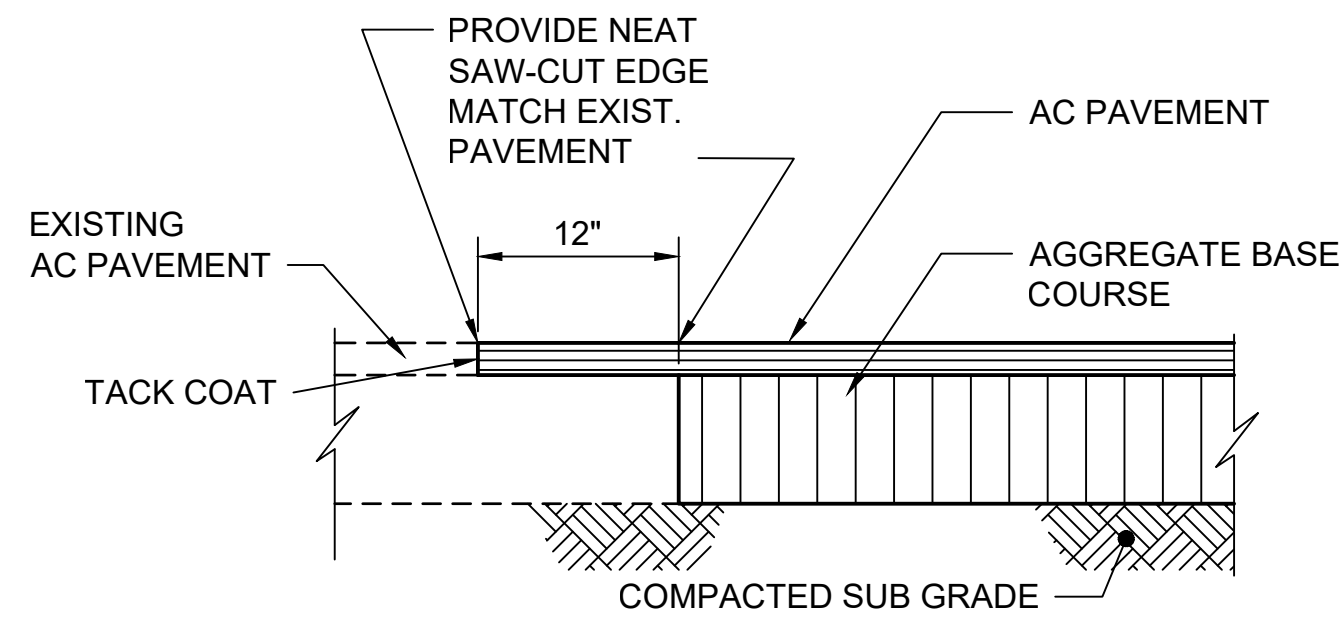
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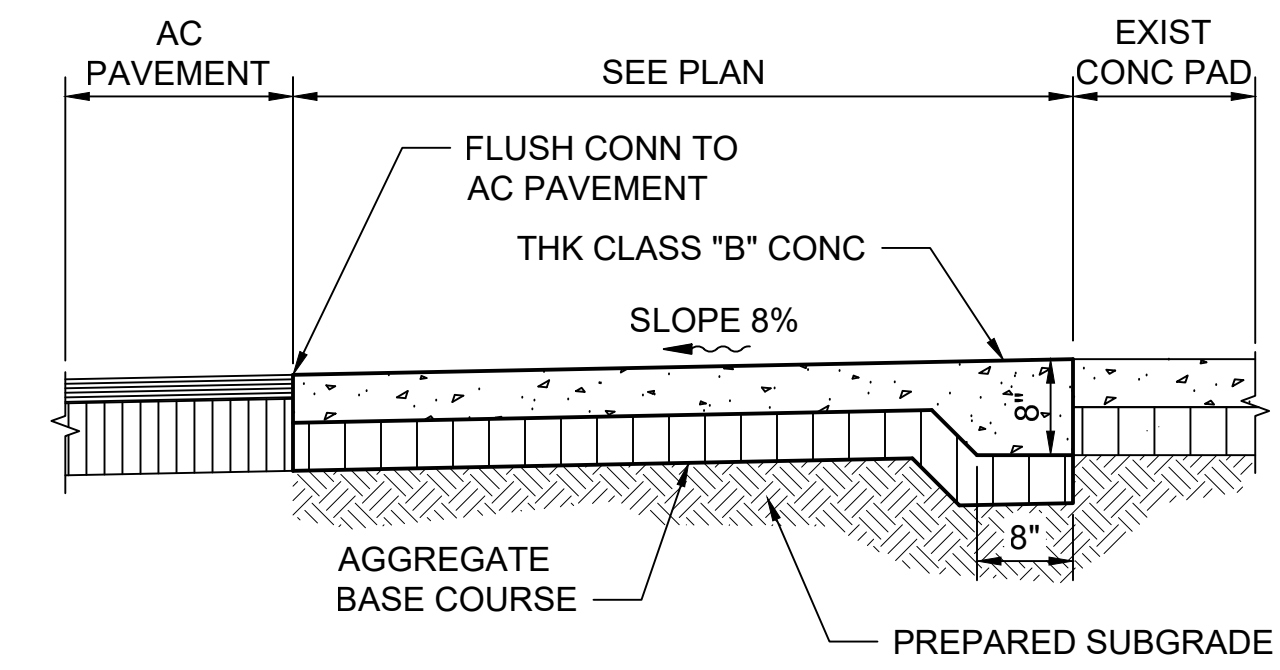


9 CONCRETE TO CONCRETE CONNECTION
C-501 SCALE: NTS

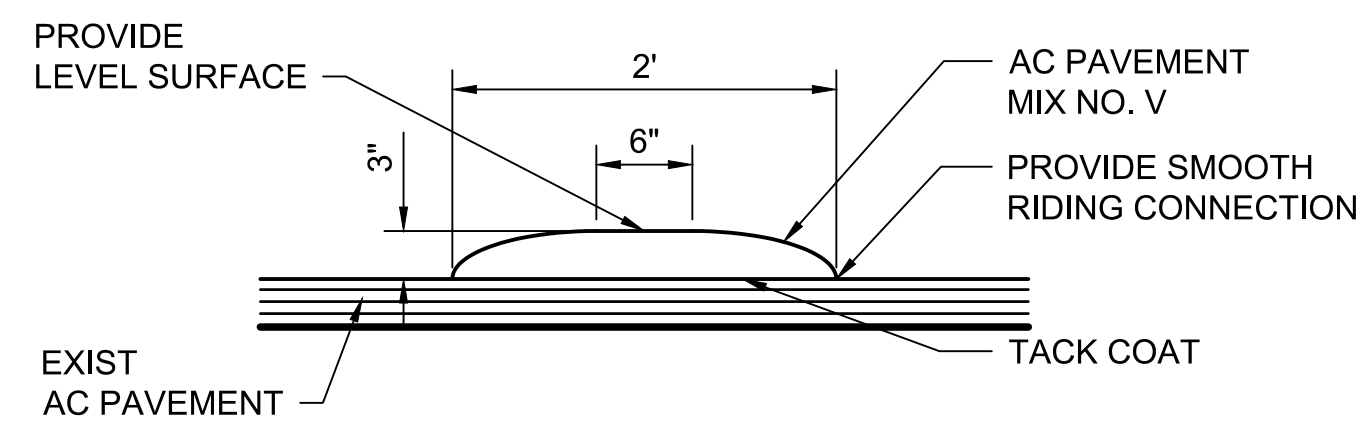


6 TYPICAL AC PAVEMENT CONNECTION DETAIL
C-501 SCALE: NTS

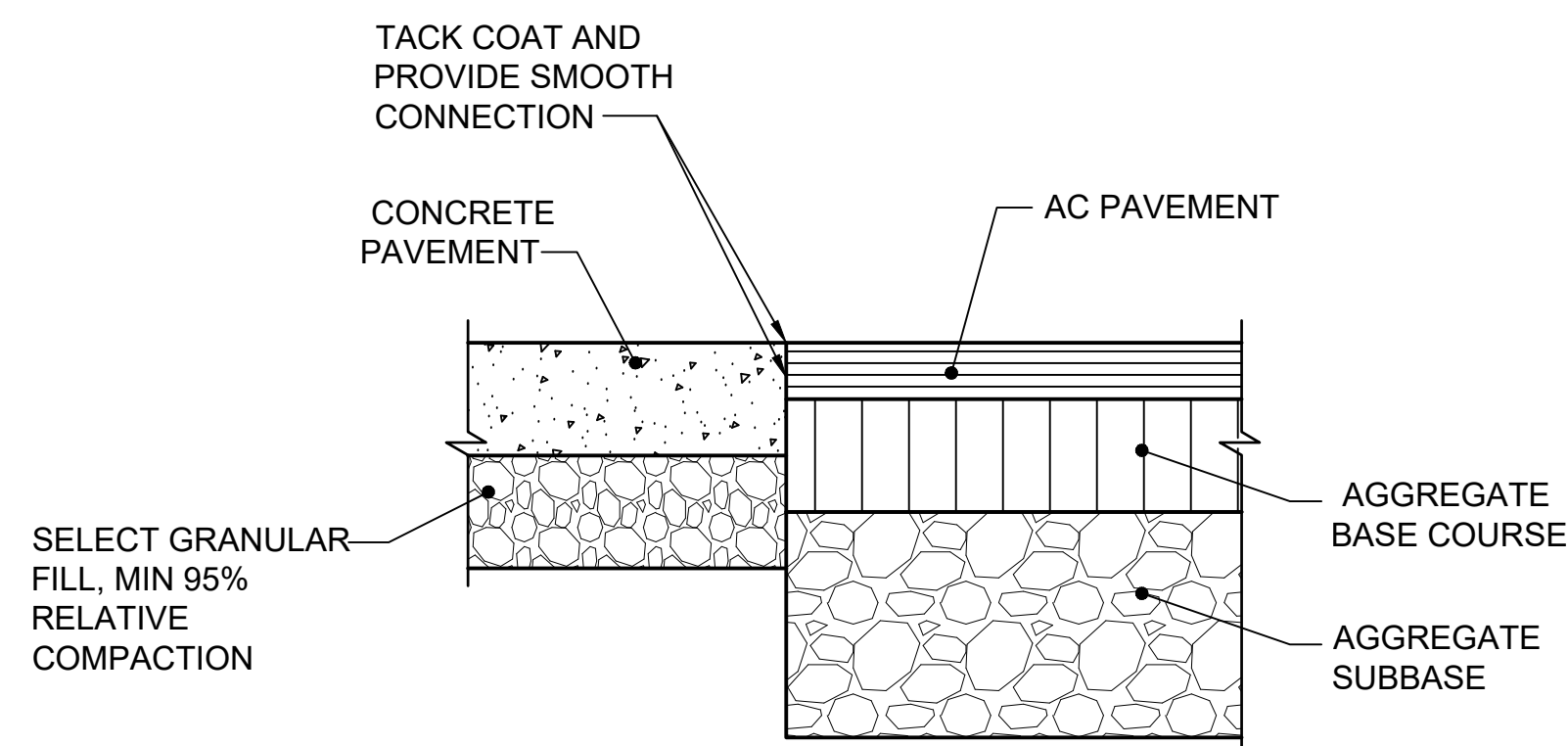
NOTES:
1. NEW CONSTRUCTION SHALL BE EQUAL OR BETTER THAN EXISTING IN THICKNESS AND IN QUALITY.
2. PAVEMENT SLOPE SHALL MATCH EXISTING PAVEMENT SLOPE SO AS TO PROVIDE SMOOTH RIDING CONNECTION.



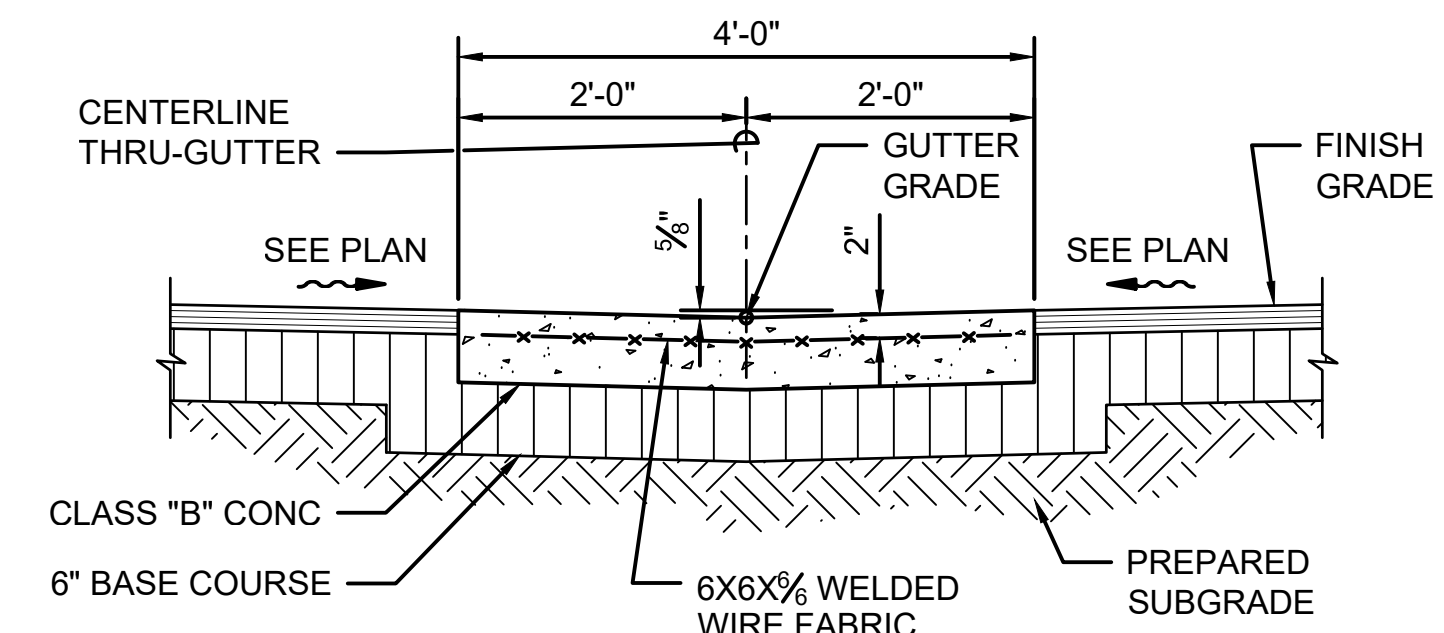
3 CONCRETE TO CONCRETE RAMP SECTION
C-501 SCALE: NTS



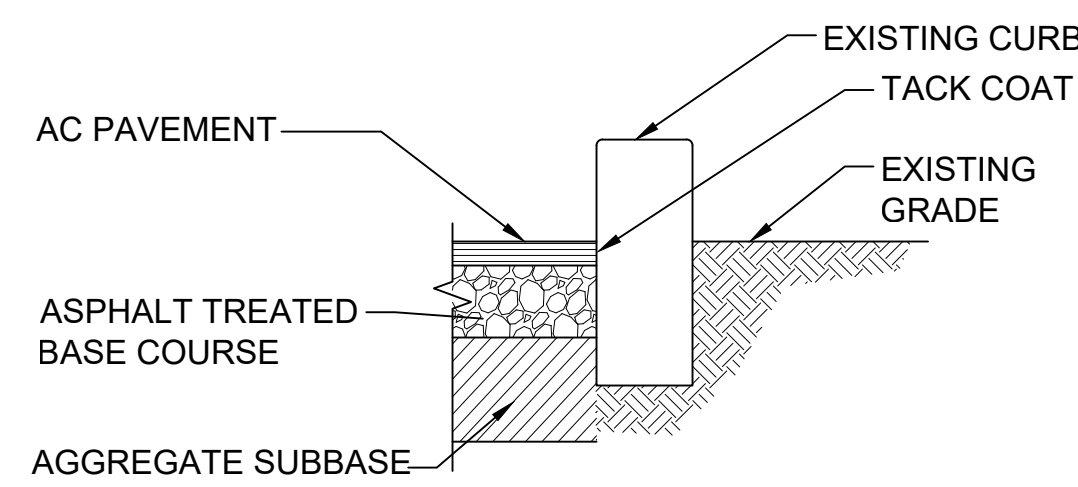
8 AC PAVEMENT SPEED BUMP DETAIL
C-501 SCALE: NTS



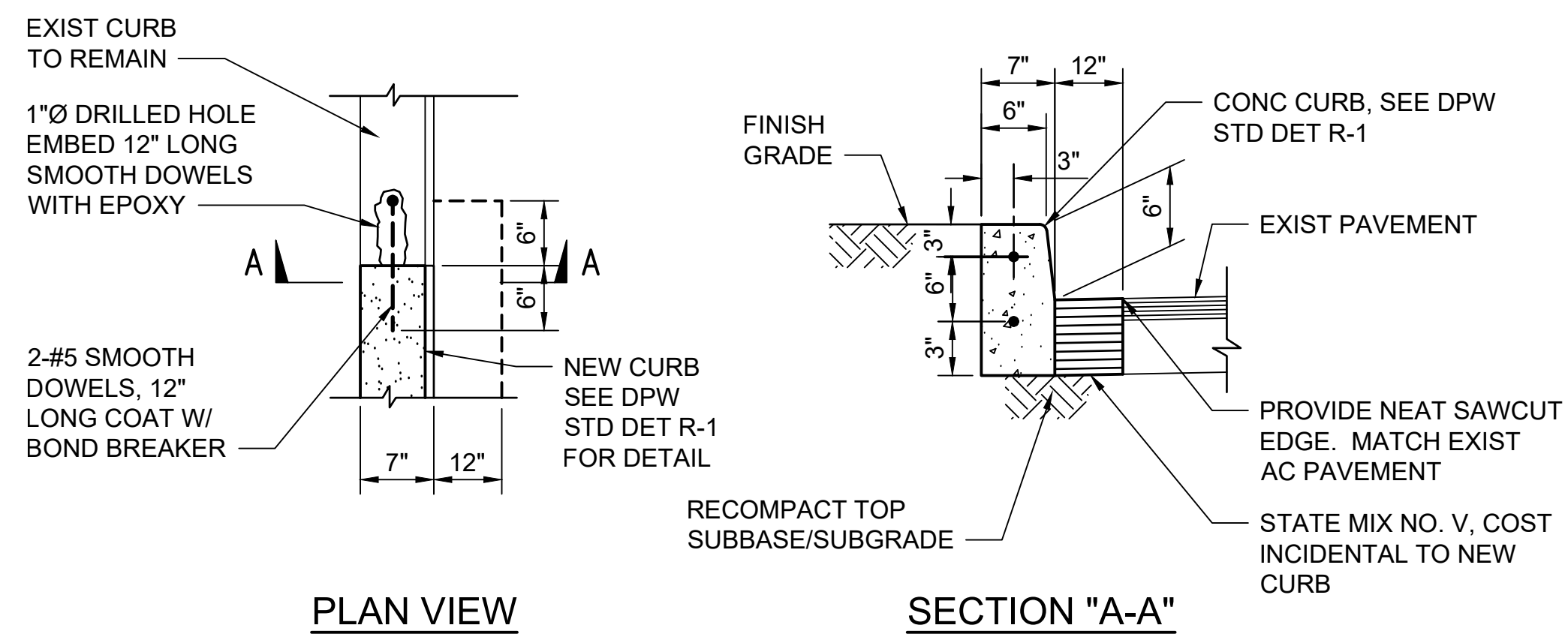
5 AC PAVEMENT TO CONCRETE CONNECTION DETAIL
C-501 SCALE: NTS



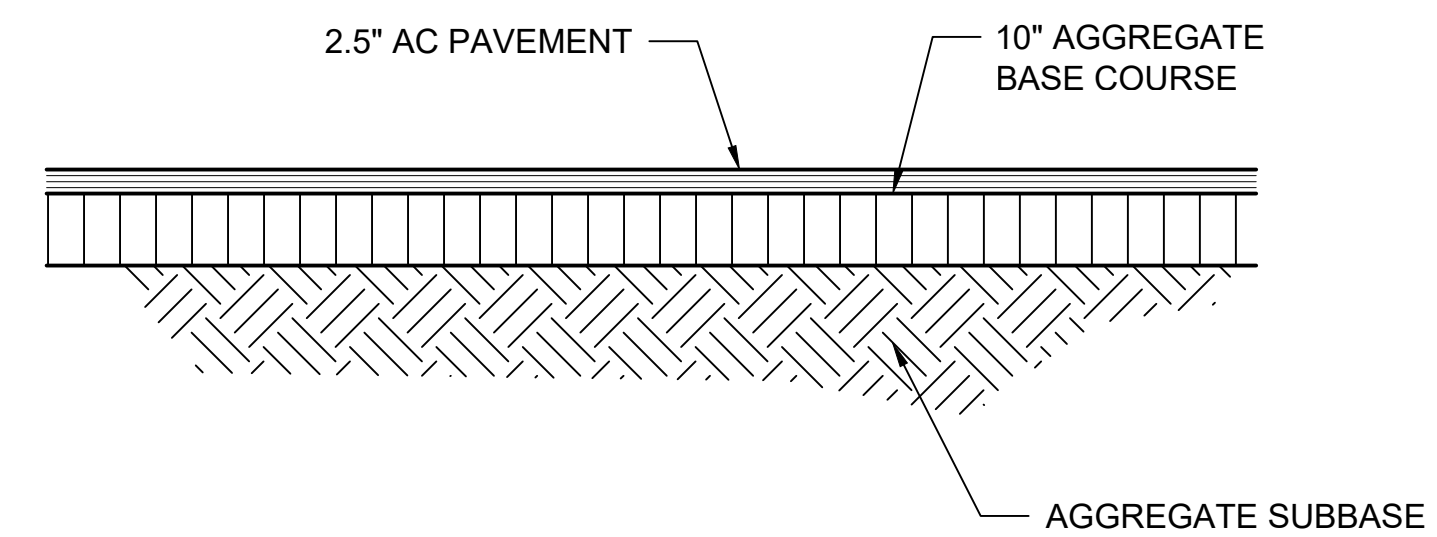
2 CONCRETE THRU-GUTTER
C-501 SCALE: NTS



7 AC PAVEMENT TO EXIST CURB CONNECTION DETAIL
C-501 SCALE: NTS



4 CONCRETE CURB CONNECTION DETAIL
C-501 SCALE: NTS



1 TYPICAL AC PAVEMENT SECTION
C-501 SCALE: NTS

AECOM

1001 BISHOP ST, SUITE 1600
HONOLULU, HAWAII 96813

THIS WORK WAS PREPARED BY ME
OR UNDER MY SUPERVISION.

DATE: 4/30/2024

SEALED

NAME: Y. KODAMA

LICENSE NO. 8688-C

HAWAII, U.S.A.

LICENSE EXPIRATION DATE: 4/30/2024

SEALED

DATE: 4/30/2024

DESCRIPTION

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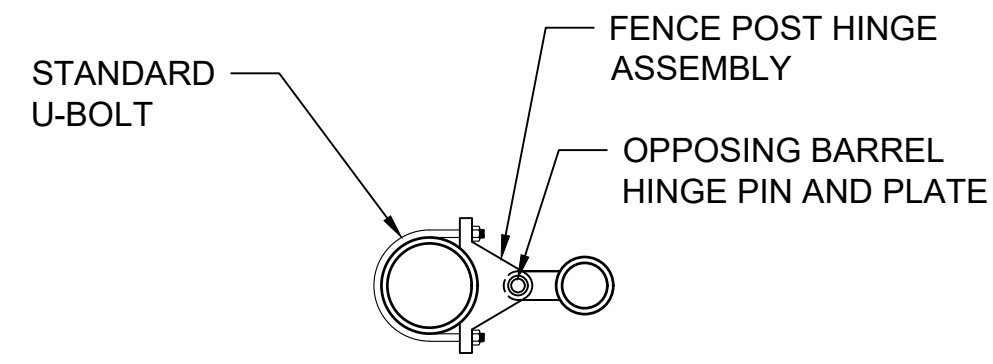
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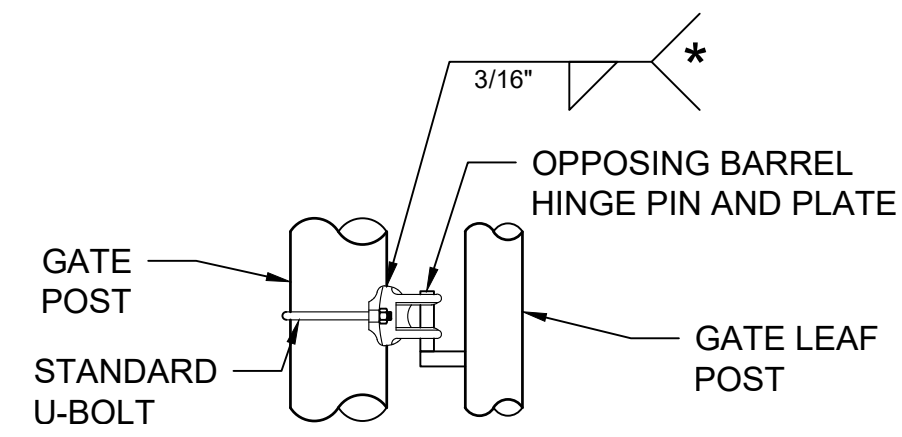
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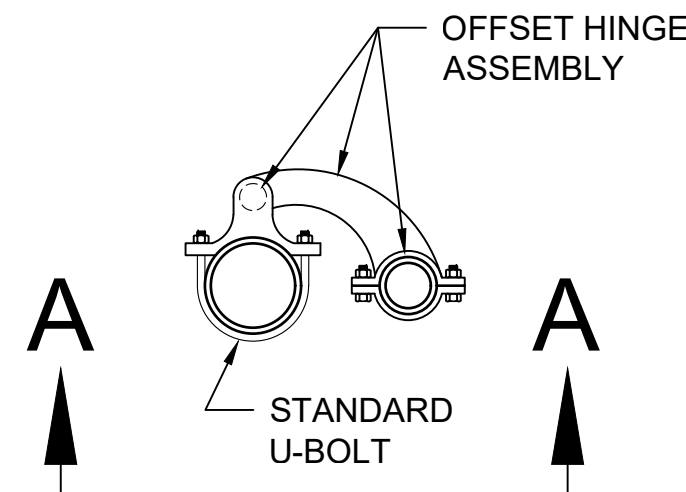
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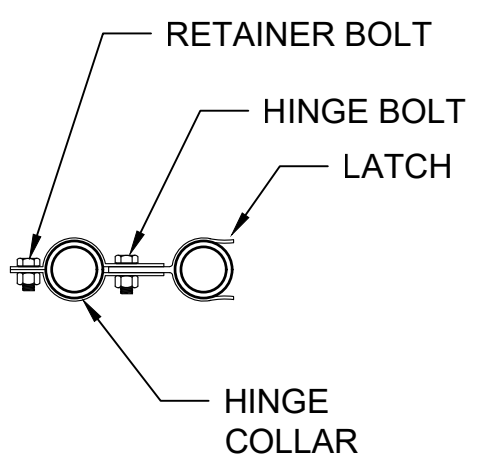
(*NOTE: WELD HINGES TO POST IF INSTALLING CABLE REINFORCEMENT ON GATES. ENSURE CORRECT HEIGHT FOR FULL OPERATION PRIOR TO WELDING (TYPICAL))



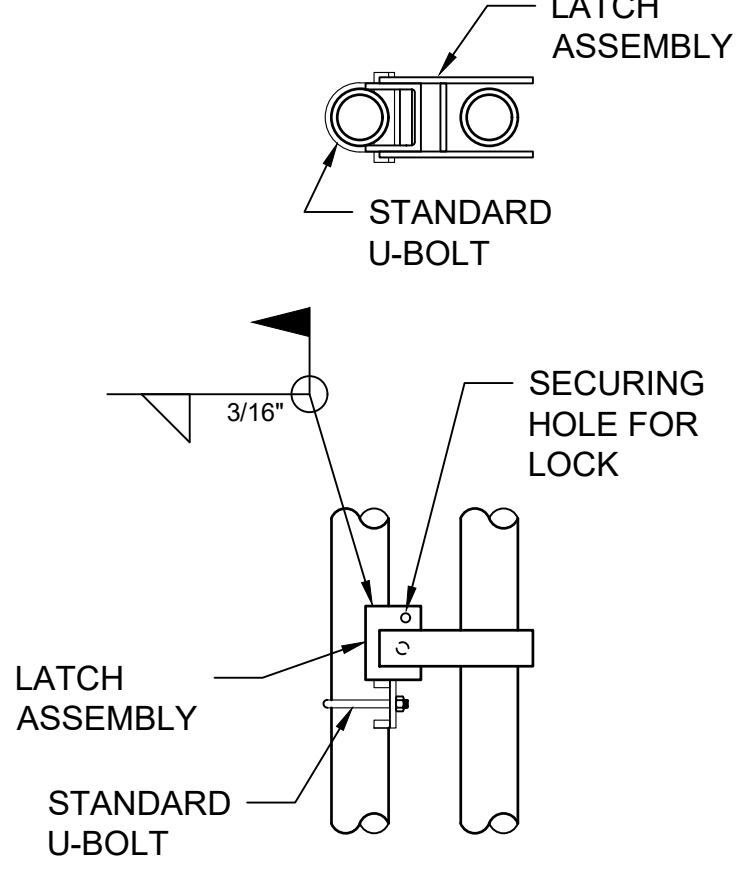
7 GATE HINGE DETAIL
C-502 SCALE: NTS



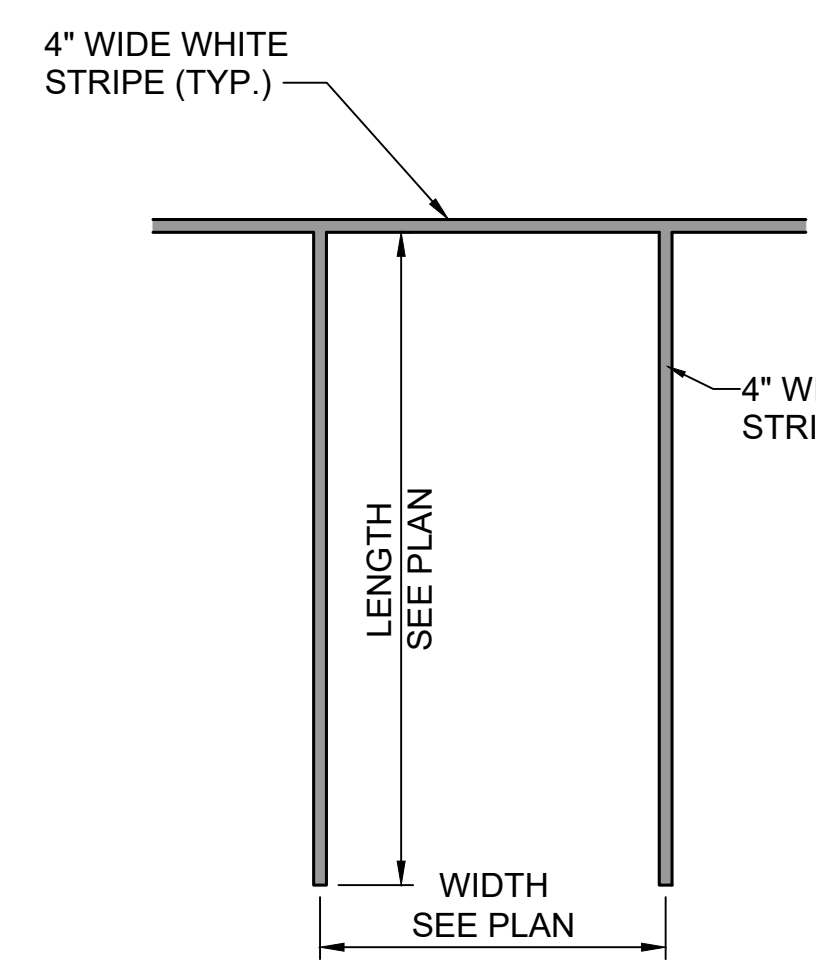
6 OFFSET HINGE DETAIL
C-502 SCALE: NTS



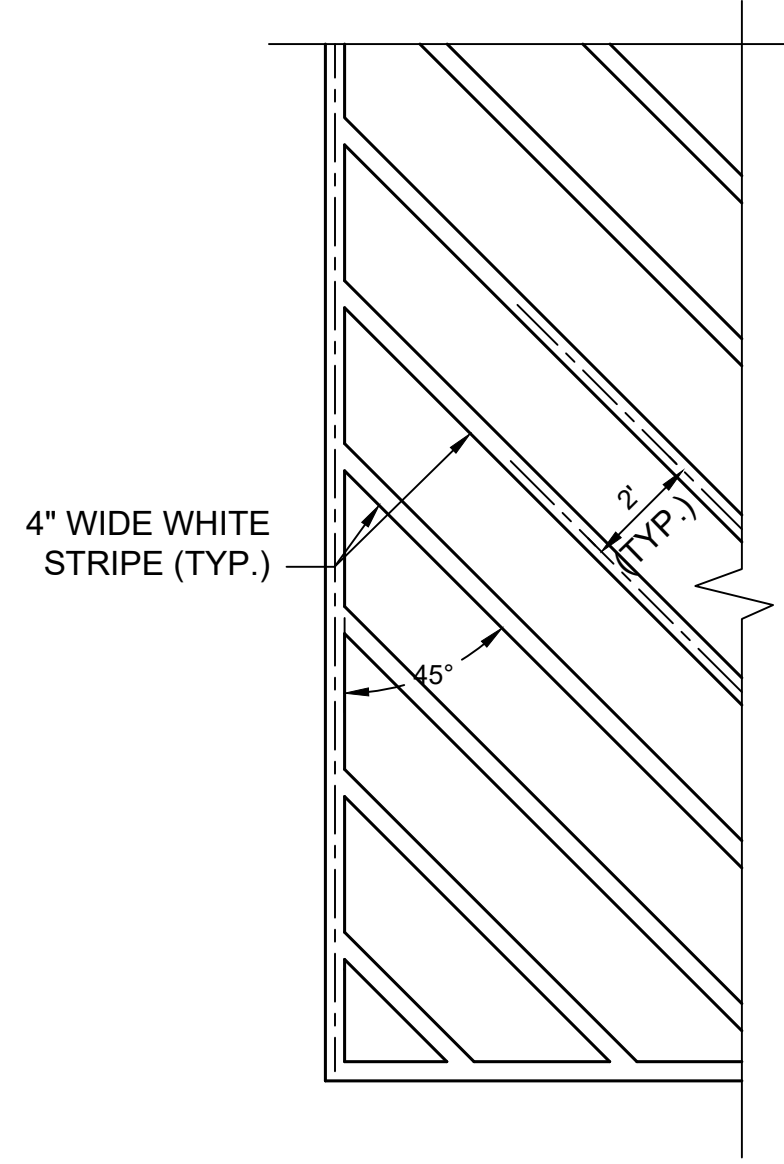
5 GENERAL LATCH DETAIL
C-502 SCALE: NTS



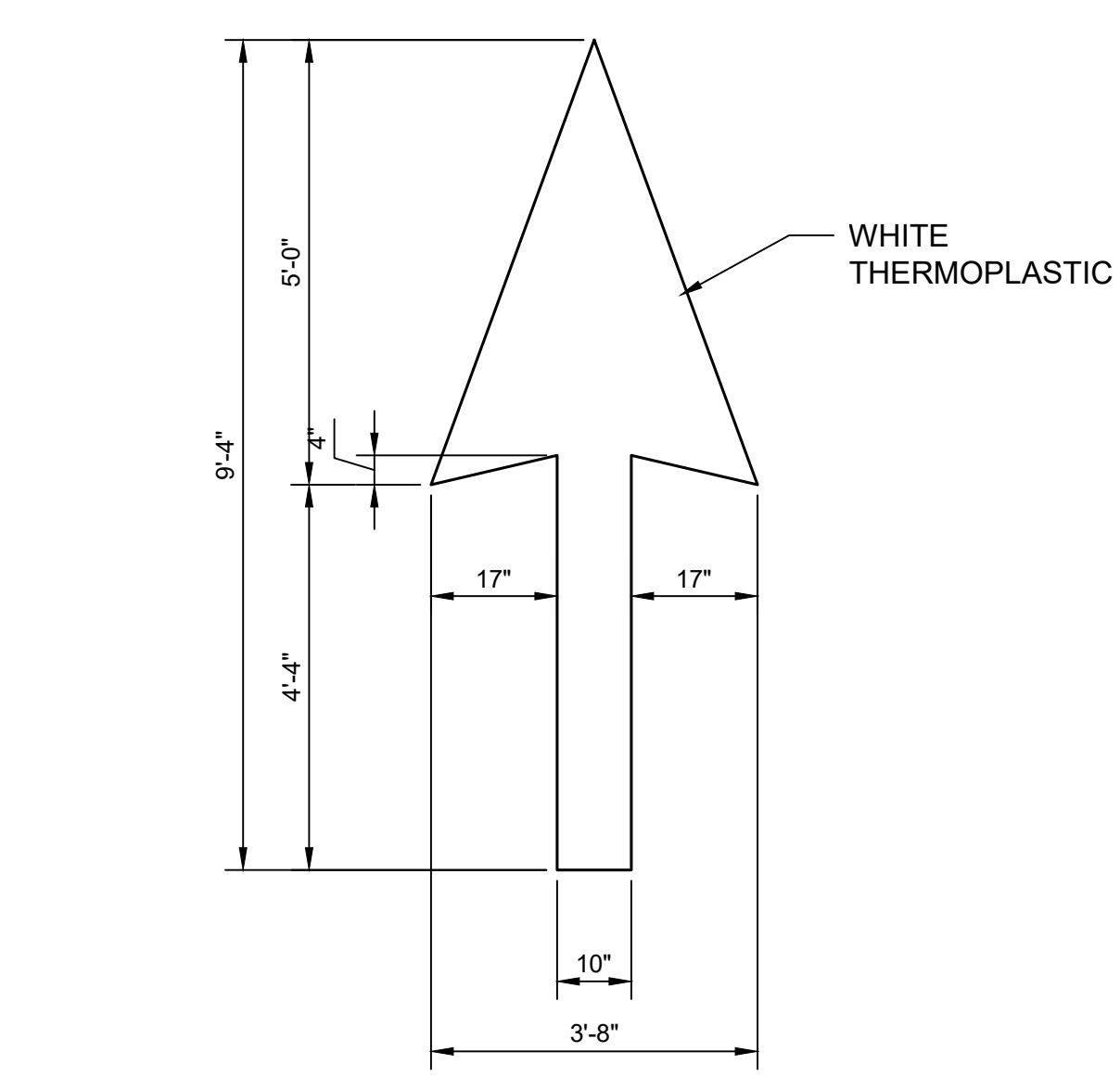
4 FULCRUM LATCH DETAIL
C-502 SCALE: NTS



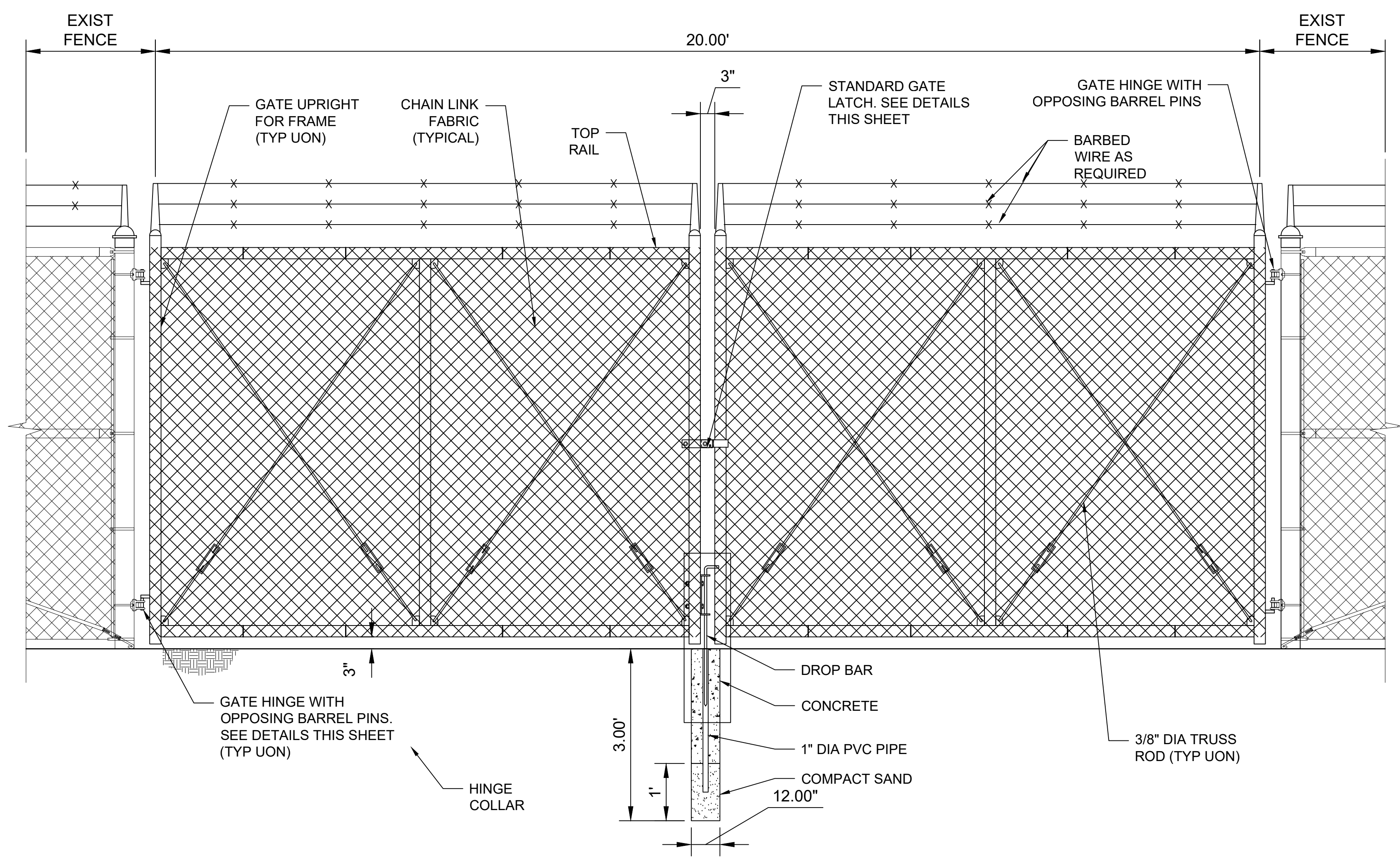
3 TYPICAL PARKING STALL DETAIL
C-502 SCALE: NTS



2 PAVEMENT MARKING
C-502 SCALE: NTS



8 PAVEMENT MARKING (STRAIGHT ARROW)
C-502 SCALE: NTS



1 GATE DETAIL
C-502 SCALE: NTS

AECOM
1001 BISHOP ST, SUITE 1600
HONOLULU, HAWAII 96813

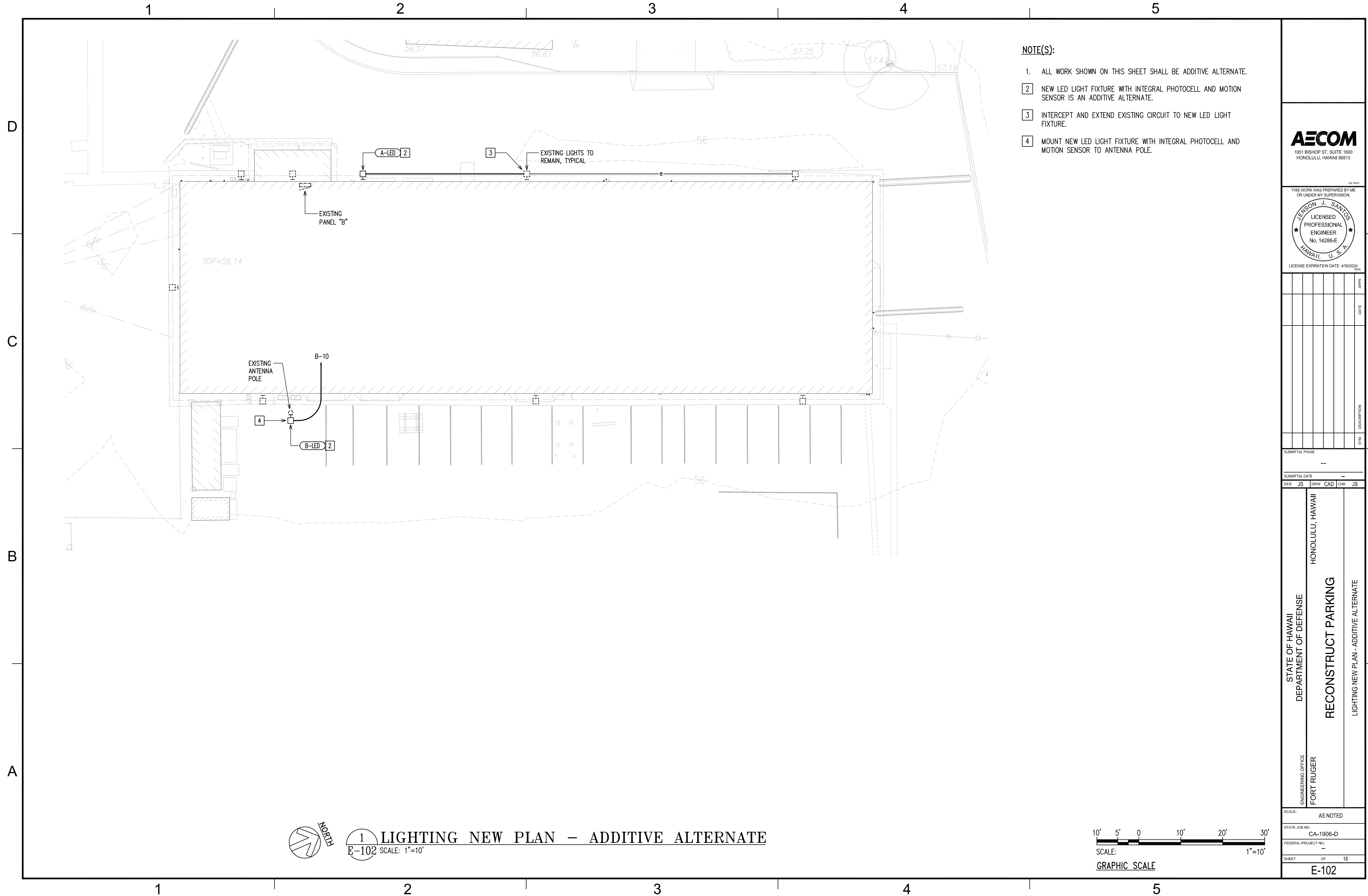
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DAME Y. KODAMA
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HAWAII, U.S.A.
LICENSE EXPIRATION DATE: 4/30/2024

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DES	DK	DRW	JS	CHK	DK

STATE OF HAWAII
DEPARTMENT OF DEFENSE
HONOLULU, HAWAII
RECONSTRUCT PARKING
MISCELLANEOUS DETAILS - 2
ENGINEERING OFFICE
FORT RUGER

SCALE: AS NOTED
STATE JOB NO. CA-1906-D-S1
FEDERAL PROJECT NO. -
SHEET 12 OF 21
C-502



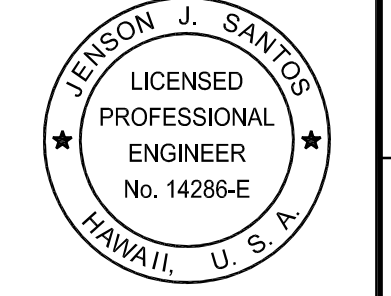
NOTE(S):

1. ALL WORK SHOWN ON THIS SHEET SHALL BE ADDITIVE ALTERNATE.
2. NEW LED LIGHT FIXTURE WITH INTEGRAL PHOTOCELL AND MOTION SENSOR IS AN ADDITIVE ALTERNATE.
3. INTERCEPT AND EXTEND EXISTING CIRCUIT TO NEW LED LIGHT FIXTURE.
4. MOUNT NEW LED LIGHT FIXTURE WITH INTEGRAL PHOTOCELL AND MOTION SENSOR TO ANTENNA POLE.



1001 BISHOP ST. SUITE 1600
HONOLULU, HAWAII 96813

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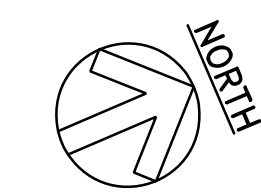
LICENSE EXPIRATION DATE: 4/30/2024

NO.	DATE	DESCRIPTION

SUBMITTAL PHASE			
-			
SUBMITTAL DATE			
DES	JS	DRW	CAD
CHK	JS		

STATE OF HAWAII
DEPARTMENT OF DEFENSE
ENGINEERING OFFICE
FORT RUGER
HONOLULU, HAWAII
RECONSTRUCT PARKING
LIGHTING NEW PLAN - ADDITIVE ALTERNATE

SCALE:	AS NOTED
STATE JOB NO.	CA-1906-D
FEDERAL PROJECT NO.	-
SHEET	OF 18
E-102	



1 LIGHTING NEW PLAN - ADDITIVE ALTERNATE
E-102 SCALE: 1"=10'

