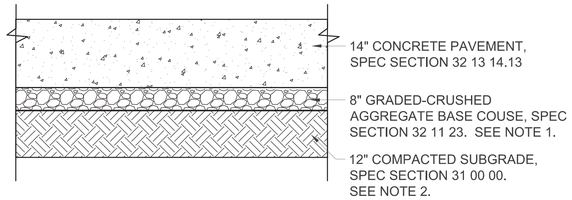
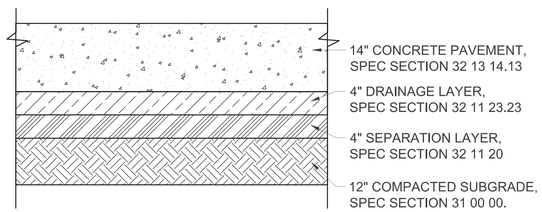


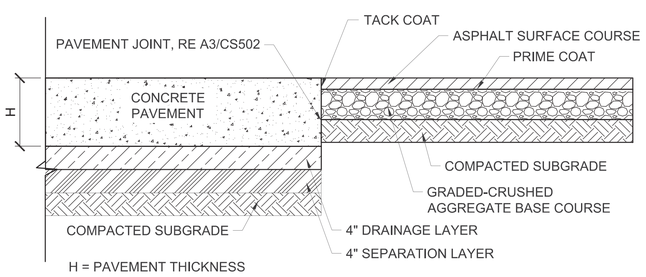
NOTES:
1. GRADED-CRUSHED AGGREGATE BASE COURSE MUST BE COMPACTED TO AT LEAST 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY THE MODIFIED PROCTOR (ASTM D1557) AS SPECIFIED IN SECTION 32 11 23.
2. THE TOP 12" OF SUBGRADE MUST BE COMPACTED TO AT LEAST 100% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY THE MODIFIED PROCTOR (ASTM D1557) AS SPECIFIED IN SECTION 31 00 00.

D1 AIRFIELD CONCRETE PAVEMENT SECTION AT TAXILANES L2 AND L3
SCALE: NTS

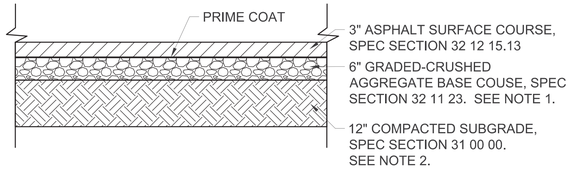


NOTES:
1. THE TOP 12" OF SUBGRADE MUST BE COMPACTED TO AT LEAST 100% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY THE MODIFIED PROCTOR (ASTM D1557) AS SPECIFIED IN SECTION 31 00 00.

C1 AIRFIELD CONCRETE PAVEMENT SECTION
SCALE: NTS

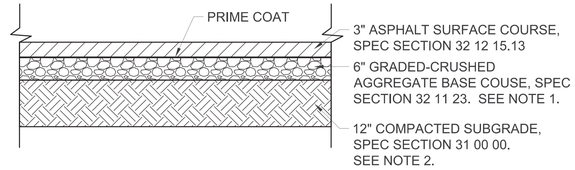


B1 NEW AIRFIELD CONCRETE PAVEMENT TO NEW ASPHALT SHOULDER PAVEMENT JUNCTION
SCALE: NTS



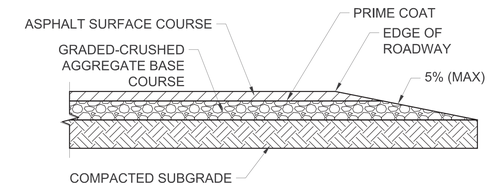
NOTES:
1. GRADED-CRUSHED AGGREGATE BASE COURSE MUST BE COMPACTED TO AT LEAST 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY THE MODIFIED PROCTOR (ASTM D1557) AS SPECIFIED IN SECTION 32 11 23.
2. THE TOP 12" OF SUBGRADE MUST BE COMPACTED TO AT LEAST 100% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY THE MODIFIED PROCTOR (ASTM D1557) AS SPECIFIED IN SECTION 31 00 00.

C2 ASPHALT SHOULDER PAVEMENT SECTION
SCALE: NTS

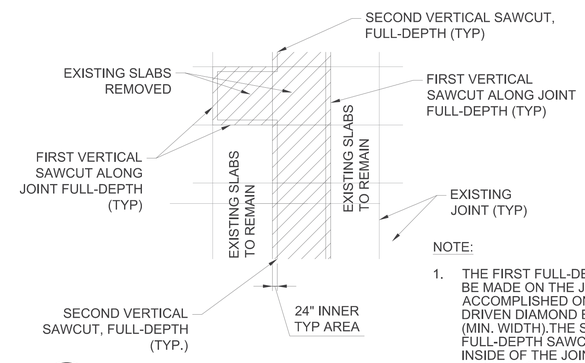


NOTES:
1. GRADED-CRUSHED AGGREGATE BASE COURSE MUST BE COMPACTED TO AT LEAST 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY THE MODIFIED PROCTOR (ASTM D1557) AS SPECIFIED IN SECTION 32 11 23. GRADED-CRUSHED AGGREGATE BASE MUST BE BUILT AT LEAST TWO FEET WIDER THAN THE PAVEMENT ON EACH SIDE.
2. THE TOP 12" OF SUBGRADE MUST BE COMPACTED TO AT LEAST 100% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY THE MODIFIED PROCTOR (ASTM D1557) AS SPECIFIED IN SECTION 31 00 00.

C3 ASPHALT ROADWAY PAVEMENT SECTION
SCALE: NTS



D4 ASPHALT TAPER
SCALE: : NTS



B4 DOUBLE SAWCUT DETAIL
SCALE: NTS

NOTE:
1. THE FIRST FULL-DEPTH SAWCUT MUST BE MADE ON THE JOINT AND MUST BE ACCOMPLISHED ONLY WITH A MOTOR DRIVEN DIAMOND BLADED SAW 1/8" (MIN. WIDTH).THE SECOND AND FINAL FULL-DEPTH SAWCUT MUST BE ON THE INSIDE OF THE JOINT AND A MINIMUM OF 24" FROM THE EXISTING JOINT AND MUST BE ACCOMPLISHED WITH A WHEEL SAW WITH A CUTTING WIDTH OF 1-1/2" (MIN.)

NAVFAC

STATE OF TEXAS
ANDREW T. MCCOY
96627
LICENSED PROFESSIONAL ENGINEER
1/20/2026
TEXAS REGISTERED ENGINEERING FIRM F-3066 SEAL

Jacobs / BURNS McDONNELL
JACOBS/B&M, A JOINT VENTURE
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VA 22201
A/E Contract No. N62742-20-D-0002
A/E Task Order No. N62742219T0315
JEG NO. D3430603
A/E INFO

APPROVED
FOR COMMANDER NAVFAC DATE 02/02/2026

ACTIVITY
AFIMSC APPROVAL PER NAVFAC SAT-TO CHECKLIST

SATISFACTORY TO DATE 31 DEC 2025

DES: JMH	DRW: SMC	REV:	ATM
PM/DM			KKK
BRANCH MANAGER			SMK
CHIEF ENG/ARCH			SMK
FIRE PROTECTION			RO

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVFAC PACIFIC
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ PACIFIC
JOINT REGION MARIANAS (JRM)
ANDERSEN AIR FORCE BASE
GUAM
FY24 AJJY183012 (P-012),
PDI: NORTH AIRCRAFT PARKING RAMP
SITE DETAILS

SCALE: AS SHOWN
EPROJECTS NO.: 1665555
CONSTR CONTROL NO.
NAVFAC DRAWING NO. 17361778
SHEET 155 OF 377
CS501

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LAYOUT NAME: SITE DETAILS
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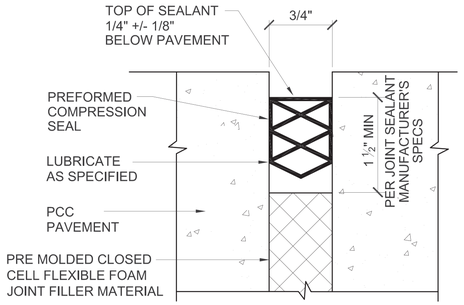
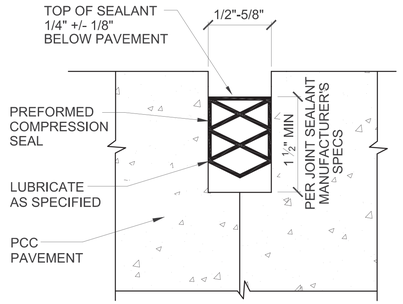
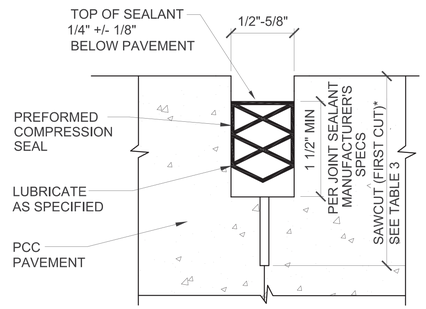


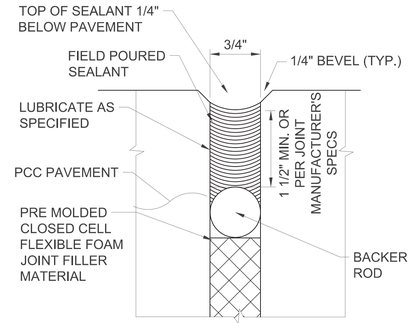
D1 EXPANSION JOINT SEALANT
SCALE: NTS



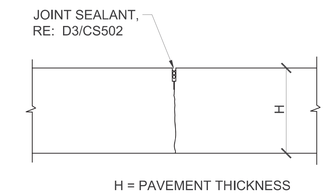
D2 CONSTRUCTION JOINT SEALANT
SCALE: NTS



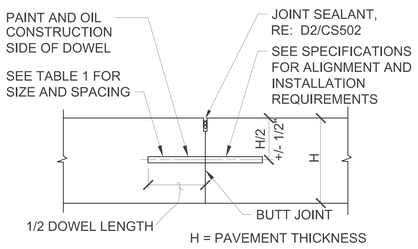
D3 CONTRACTION JOINT SEALANT
SCALE: NTS



D4 EXPANSION JOINT SEALANT
SCALE: NTS

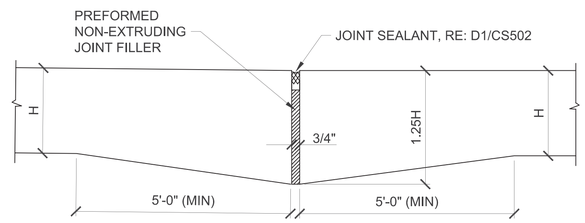


D5 SAWED CONTRACTION JOINT
SCALE: NTS

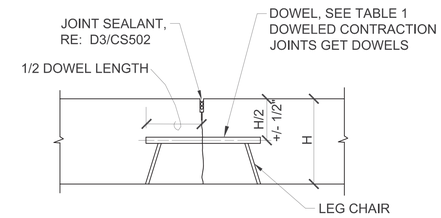


TRANSVERSE OR LONGITUDINAL
DOWELED JOINT

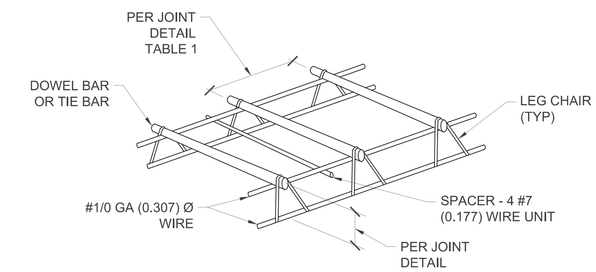
C1 DOWELED CONSTRUCTION JOINT
SCALE: NTS



C2 THICKENED EDGE EXPANSION JOINT
SCALE: NTS



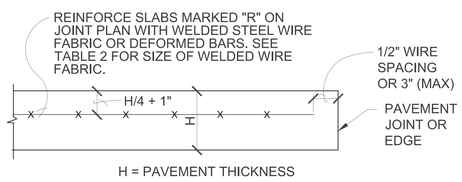
C3 DOWELED CONTRACTION JOINT
SCALE: NTS



NOTES:

1. ANY PORTION OF THE BASKET IN CONTACT WITH THE SUBGRADE, INCLUDING AGGREGATE BASE COURSE, MUST BE EPOXY COATED.
2. BASKET MUST BE SECURELY STAKED TO THE SURFACE ON WHICH THEY ARE PLACED TO PREVENT MOVEMENT DURING PCC PLACEMENT.

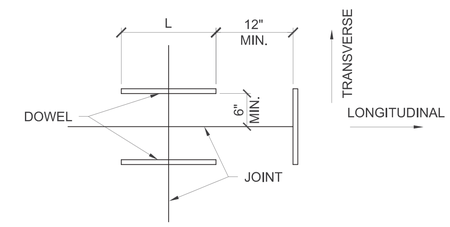
C5 CONSTRUCTION JOINT DOWEL BASKET
SCALE: NTS



NOTE:

1. WELDED WIRE FABRIC MUST BE OVERLAPPED FOR A DISTANCE AT LEAST ONE SPACING OF THE WIRE IN THE FABRIC OR 32 WIRE DIAMETERS, WHICHEVER IS GREATER.

B1 CONCRETE SLAB REINFORCING DETAIL
SCALE: NTS



B3 DOWEL PLACEMENT AT INTERSECTIONS
SCALE: NTS

TABLE 1 DOWEL SIZE AND SPACING FOR CONSTRUCTION AND CONTRACTION JOINTS

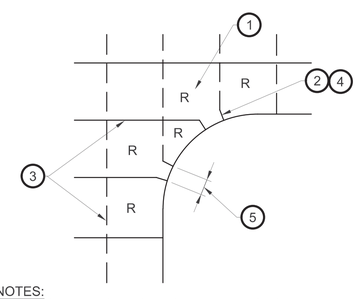
SLAB THICKNESS H (IN.)	MINIMUM DOWEL LENGTH (IN.)	MAXIMUM DOWEL SPACING ON-CENTER (IN.)	DOWEL DIAMETER (IN.)
12.0 - 15.5	20.0	15.0	1.00 - 1.25
16.0 - 20.5	20.0	18.0	1.00 - 1.50
21.0 - 25.5	24.0	18.0	2.00
26.0 OR MORE	30.0	18.0	3.00

TABLE 2

PAVEMENT THICKNESS (INCHES)	MINIMUM REQUIRED AREA OF STEEL (SQ. INCHES/FOOT)	WELDED WIRE FABRIC
6"	0.048	4x4-W2.0xW2.0 6x6-W2.9xW2.9
7"	0.15	4x4-W5.5xW5.5 6x6-W8xW8
18" ±	0.33	4x4-W12xW12 6x6-W18XW18

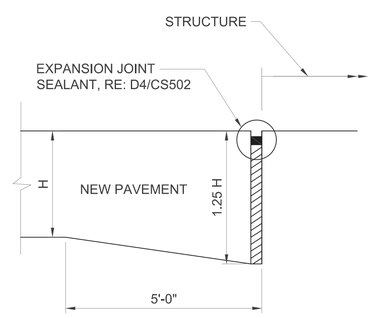
TABLE 3 (SAWCUT)

PAVEMENT THICKNESS	FIRST SAWCUT
6"	2"
7"	2.5"
18"	3"

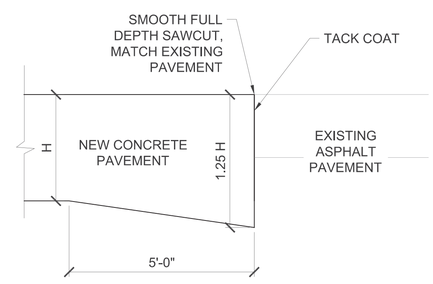


NOTES:
1. ODD SHAPED SLABS MUST BE REINFORCED.
2. MINIMUM 'LEG' DIMENSION 3'.
3. LONGITUDINAL AND TRANSVERSE JOINTS AS SHOWN ON DRAWINGS.
4. 'LEGS' MUST BE UNDOWELLED CONSTRUCTION JOINTS.
5. MINIMUM SPACING BETWEEN 'LEGS' MUST BE 3'.

A1 TYPICAL JOINTING OF ODD SHAPED SLABS
SCALE: NTS



A2 EXPANSION JOINT AROUND STRUCTURE
SCALE: NTS



A3 NEW CONCRETE PAVEMENT TO EXISTING ASPHALT PAVEMENT JOINT
SCALE: NTS

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A/E Contract No. N62742-20-D-0002
A/E Task Order No. N62742219 0315
JCG NO. 0343663
A/E INFO

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PM/DM			KKK
BRANCH MANAGER			SMK
CHIEF ENG/ARCH			SMK
FIRE PROTECTION			RO

DEPARTMENT OF THE NAVY
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NAVFAC PACIFIC
ANDERSEN AIR FORCE BASE
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND – PACIFIC
JOINT REGION MARIANAS (JRM)
GUAM
FY24 AJUY183012 (P-012),
PDI: NORTH AIRCRAFT PARKING RAMP
SITE DETAILS

SCALE: AS SHOWN
EPROJECTS NO.: 1665555
CONSTR CONTROL NO.
NAVFAC DRAWING NO.
17361779
SHEET 156 OF 377
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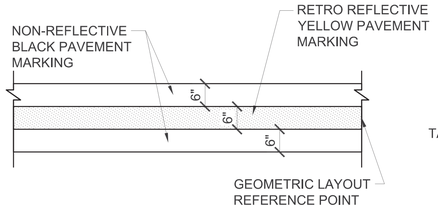
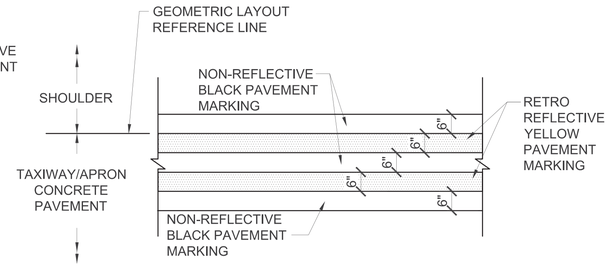
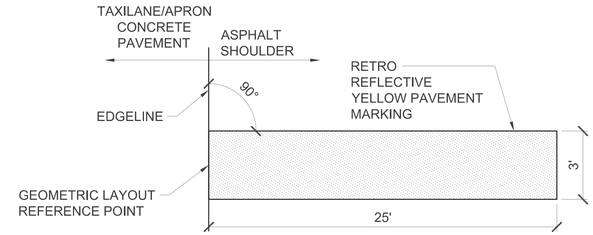


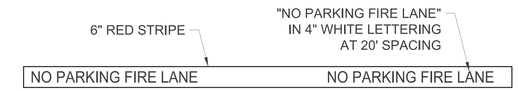
D1 TAXIWAY/TAXILANE CENTERLINE MARKING
SCALE: NTS



D2 TAXILANE EDGE MARKING
SCALE: NTS



D3 TAXILANE SHOULDER MARKING
SCALE: NTS



D5 FIRE LANE MARKING
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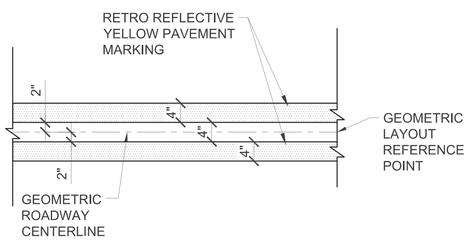
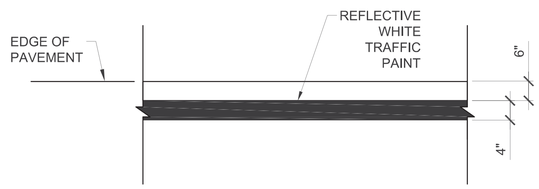
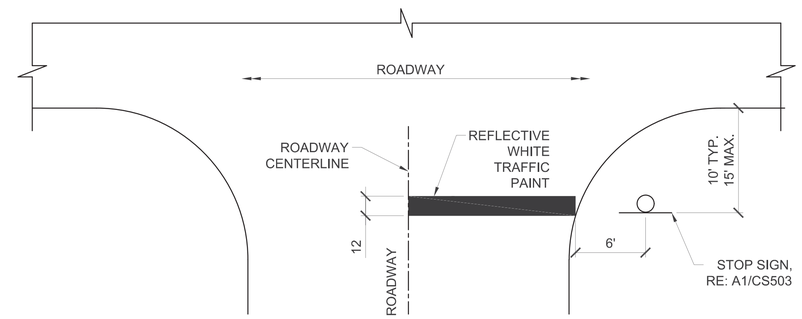


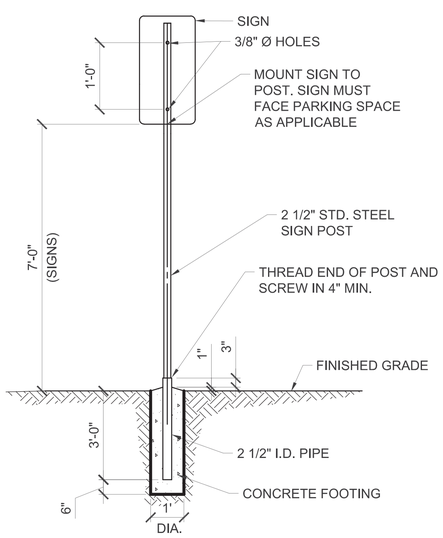
B1 ROADWAY CENTERLINE MARKING
SCALE: NTS



B2 ROADWAY EDGE LINE MARKING
SCALE: NTS



B4 STOP BAR DETAIL
SCALE: NTS



A1 SIGN POST AND SIGN DETAIL
SCALE: NTS

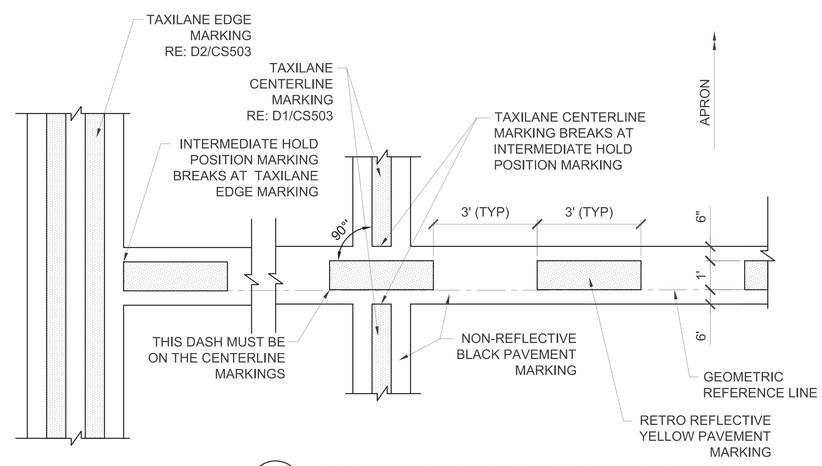
R1-1

ER1-2
24" X 30"

W14-2
30" X 30"

NOTES:

1. REGULATORY SIGNS AT PARKING AREA MUST BE LOCATED 6" BEYOND THE SIDEWALK ABUTTING THE CURB.
2. SIGNS MUST CONFORM TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICE (DEPT. OF TRANSPORTATION).
3. SIGN POSTS MUST HAVE BAKED ENAMEL FINISH, COLOR IN CONFORMANCE WITH BASE STANDARD.



A4 INTERMEDIATE HOLD POSITION MARKING
SCALE: NTS

NAVFAC

STATE OF TEXAS
ANDREW T. MCCOY
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CHIEF ENG/ARCH					SMK
FIRE PROTECTION					RO

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
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NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND – PACIFIC
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ANDERSEN AIR FORCE BASE
GUAM

FY24 AJJY183012 (P-012),
PDI: NORTH AIRCRAFT PARKING RAMP

SITE DETAILS

SCALE: AS SHOWN
EPROJECTS NO.: 1665555
CONSTR CONTROL NO.
NAVFAC DRAWING NO. 17361780
SHEET 157 OF 377

CS503

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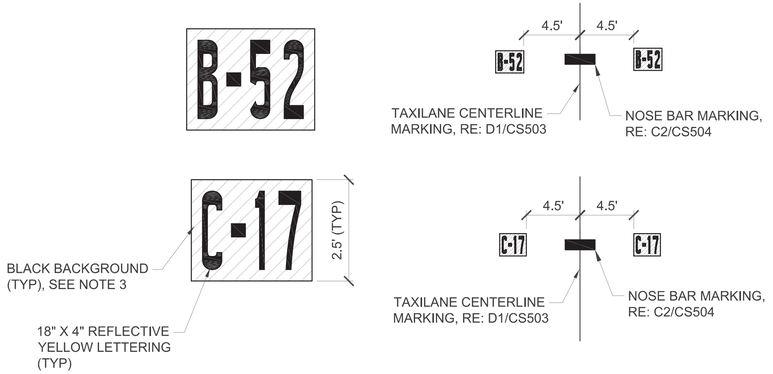
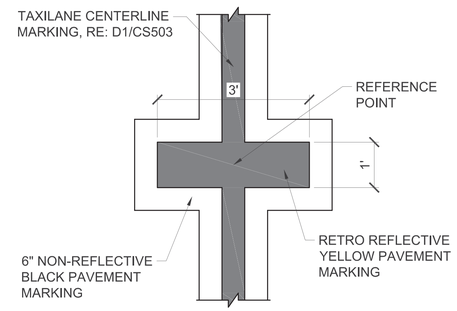


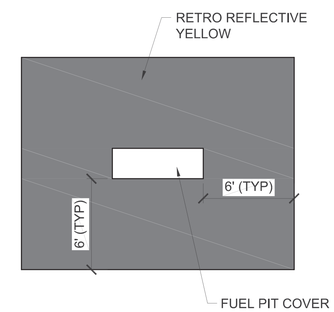
NOTES:

1. REFER TO APPENDIX B OF ADVISORY CIRCULAR 150/5340-1M FOR INSCRIPTIONS FOR B-52, C-17 LETTERS.
2. LABELS WILL BE INSIDE OF TAXILANE. SEE SHEETS CS135, CS136, CS138, CS139 FOR LABELS' ORIENTATION.
3. BLACK BACKGROUND MUST EXTEND 6" ABOVE, BELOW, LEFT, AND RIGHT OF REFLECTIVE YELLOW LETTERING.

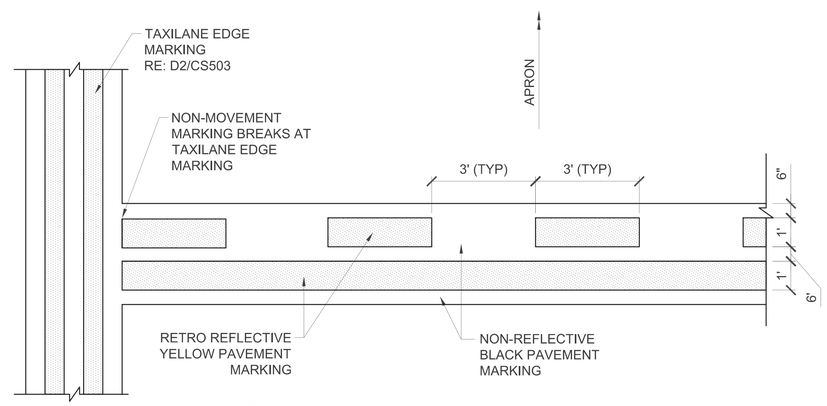
C1 B-52 AND C-17 LABEL MARKING
SCALE: NTS



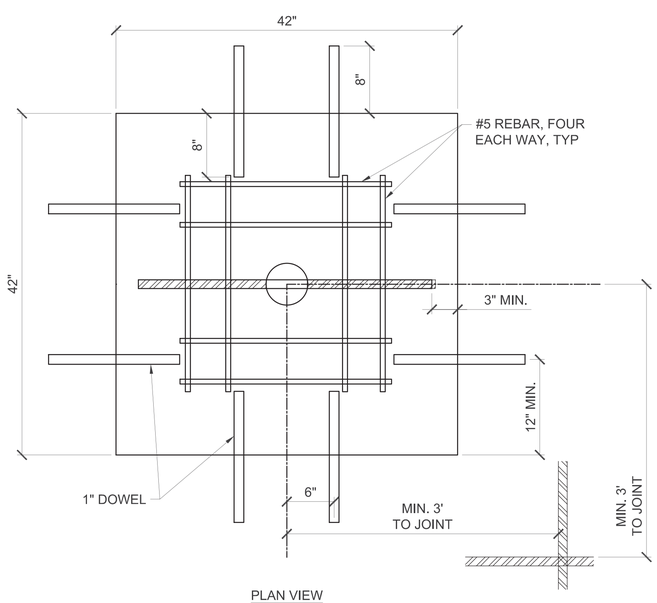
C2 NOSE BAR MARKING
SCALE: NTS



C4 FUEL HYDRANT PIT MARKING
SCALE: NTS

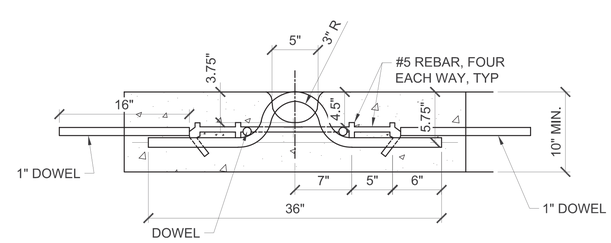


B2 NON-MOVEMENT MARKING
SCALE: NTS



PLAN VIEW

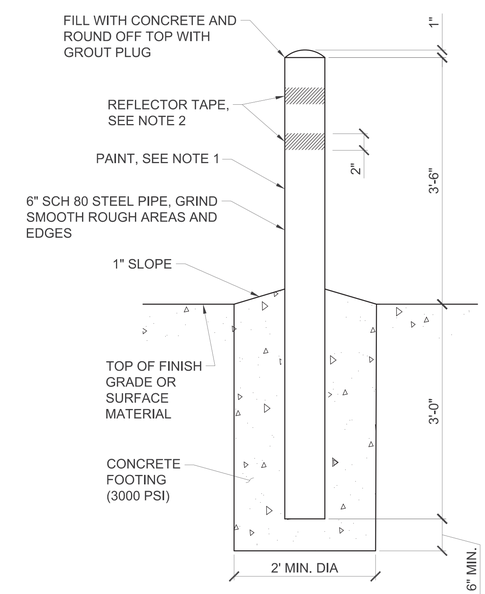
A1 AIRCRAFT TIEDOWN DETAIL
SCALE: NTS



PROFILE

PROFILE NOTES:

1. MINIMUM DISTANCE FROM TIEDOWN CENTER POINT TO UNDOWELED JOINT IS 3'. WHEN TIE DOWNS OCCUR 3' FROM A SINGLE JOINT, ORIENT BAR PARALLEL WITH THE JOINT. IF CENTER POINT OCCURS 3' FROM ADJACENT JOINTS. ORIENT BAR PARALLEL WITH EITHER JOINT.
2. BAR WILL BE NUMBER 7 (0.875") NON-DEFORMED AISI 8620H STEEL.



NOTES:

1. EPOXY PAINT PIPE "SAFETY YELLOW" AFTER INSTALLATION
2. WRAP PIPE WITH 2 BANDS OF 2" WIDE WHITE REFLECTOR TAPE
3. IF PROTECTIVE BOLLARDS ARE LOCATED IN PAVED AREAS, AN EXPANSION JOINT MUST BE LOCATED BETWEEN THE BOLLARD AND THE PAVED SURFACE.

A4 PIPE BOLLARD DETAIL
SCALE: NTS

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STATE OF TEXAS
ANDREW T. MCCOY
96627
LICENSED
PROFESSIONAL ENGINEER
1/20/2026
TEXAS REGISTERED ENGINEERING FIRM F-3966 SEAL

Jacobs / BURNS McDONNELL
JACOBS/B&M, A JOINT VENTURE
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VA 22201
A/E Contract No. N62742-20-D-0002
A/E Task Order No. N62742-21F0315
JEG NO. D3430603
A/E INFO

APPROVED
FOR COMMANDER NAVFAC DATE 02/02/2026

ACTIVITY
AFIMSC APPROVAL PER NAVFAC SAT-TO CHECKLIST

SATISFACTORY TO DATE 31 DEC 2025

DES:	JMH	DRW:	SMC	REV:	ATM
PM/DM					KKK
BRANCH MANAGER					SMK
CHIEF ENG/ARCH					SMK
FIRE PROTECTION					RO

DEPARTMENT OF THE NAVY
NAVFAC PACIFIC
ANDERSEN AIR FORCE BASE
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ PACIFIC
JOINT REGION MARIANAS (JRM)
GUAM

FY24 AJJY183012 (P-012),
PDI: NORTH AIRCRAFT PARKING RAMP

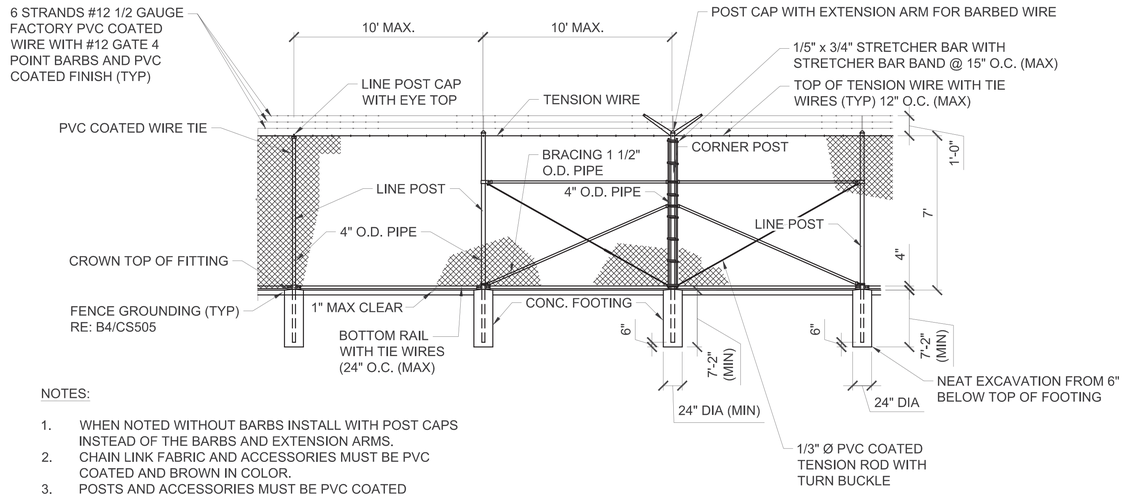
SITE DETAILS

SCALE: AS SHOWN
EPROJECTS NO.: 1665555
CONSTR CONTROL NO.
NAVFAC DRAWING NO. 17361781
SHEET 158 OF 377
CS504

REDESIGN FINAL SUBMITTAL

FILE NAME: U:\BLDG\NAVFAC Pacific\D3430603 - P-012 North Aircraft Parking Ramp\700 Working Documents\740 Sheets\740.01 Civil\P012_1665555_CS504.dwg
LAYOUT NAME: SITE DETAILS
PLOTTED: 01/12/2026 11:05pm
USER: CamvaS

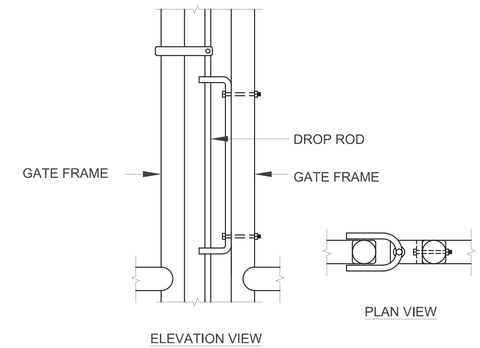
IF SHEET IS LESS THAN 22" X 34" REDUCED PRINT. USE GRAPHIC SCALES



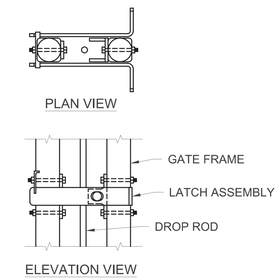
NOTES:

1. WHEN NOTED WITHOUT BARBS INSTALL WITH POST CAPS INSTEAD OF THE BARBS AND EXTENSION ARMS.
2. CHAIN LINK FABRIC AND ACCESSORIES MUST BE PVC COATED AND BROWN IN COLOR.
3. POSTS AND ACCESSORIES MUST BE PVC COATED AND BROWN IN COLOR.
4. PROVIDE DESIGN CALCULATIONS INCLUDING POST SPACING AND PIPE FOOTING DEPTHS FROM FENCING MANUFACTURER DEMONSTRATING THE ABILITY TO MEET 195 MPH WIND LOADS CALCULATED IN ACCORDANCE WITH ASCE-7. BASED ON THE PROVIDED CALCULATIONS, FOOTING DEPTHS AND DIAMETERS AND DIAMETER OF POSTS MAY CHANGE FROM WHAT IS SHOWN IN PLAN DETAILS.

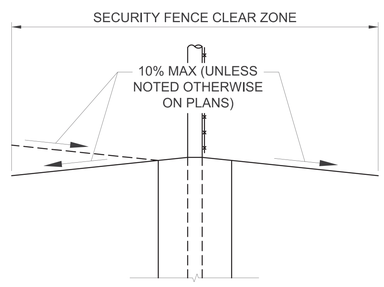
C1 7' HIGH SECURITY FENCE
SCALE: NTS



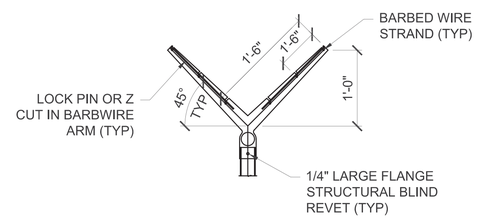
D4 DROP ROD ASSEMBLY
SCALE: NTS



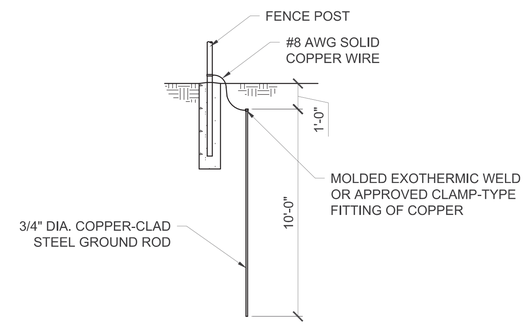
D5 LATCH ASSEMBLY
SCALE: NTS



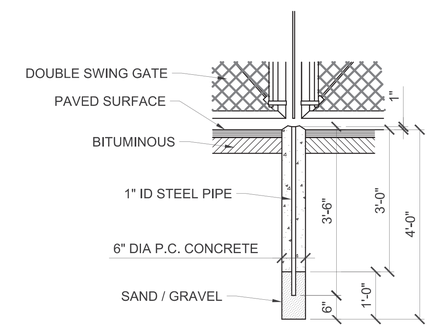
B1 SECURITY FENCE CLEAR ZONE GRADING
SCALE: NTS



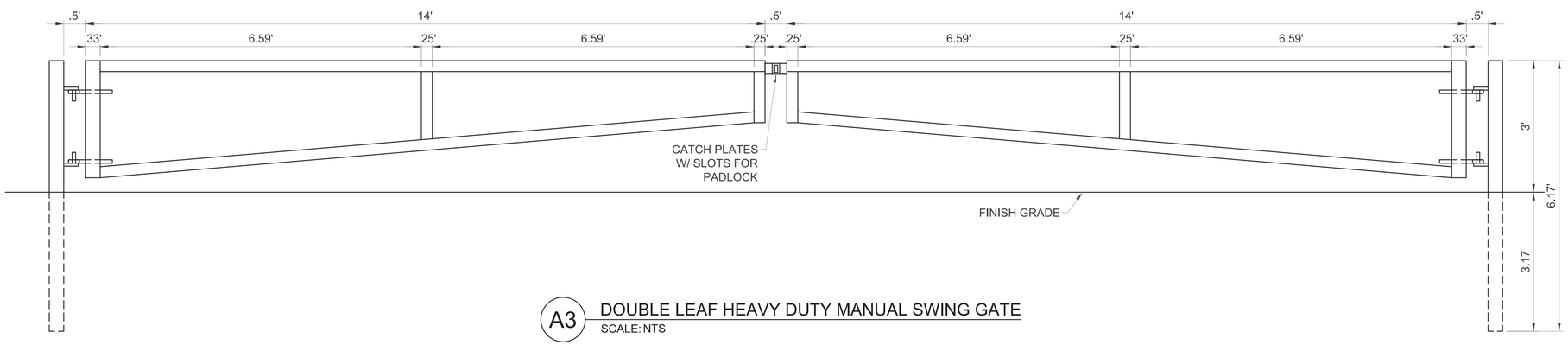
B2 DOUBLE EXTENSION ARM DETAILS
SCALE: NTS



B4 FENCE GROUNDING DETAIL
SCALE: NTS



B5 DROP ROD FOUNDATION DETAIL
SCALE: NTS



A3 DOUBLE LEAF HEAVY DUTY MANUAL SWING GATE
SCALE: NTS

NAVFAC

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ANDREW T. MCCOY
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LICENSED PROFESSIONAL ENGINEER
1/20/2026
TEXAS REGISTERED ENGINEERING FIRM F-3066 SEAL

Jacobs / BURNS McDONNELL
JACOBS/B&M, A JOINT VENTURE
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VA 22201
A/E Contract No. N62742-20-D-0002
A/E Task Order No. N6274221F0315
JCG NO. 03430603
A/E INFO

APPROVED
FOR COMMANDER NAVFAC DATE 02/02/2026

ACTIVITY
AFIMSC APPROVAL PER NAVFAC SAT-TO CHECKLIST
SATISFACTORY TO DATE 31 DEC 2025

DES:	JMH	DRW:	SMC	REV:	ATM
PM/DM					KKK
BRANCH MANAGER					SMK
CHIEF ENG/ARCH					SMK
FIRE PROTECTION					RO

DEPARTMENT OF THE NAVY
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NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND – PACIFIC
JOINT REGION MARIANAS (JRM)
GUAM
FY24 AUJY183012 (P-012),
PDI: NORTH AIRCRAFT PARKING RAMP
SITE DETAILS

SCALE: AS SHOWN
EPROJECTS NO.: 1665555
CONSTR CONTROL NO.
NAVFAC DRAWING NO. 17361782
SHEET 159 OF 377
CS505

REDESIGN FINAL SUBMITTAL

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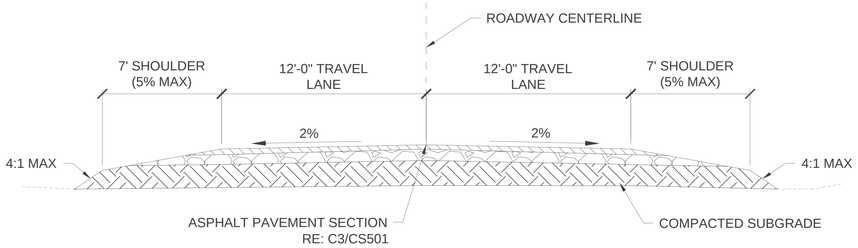
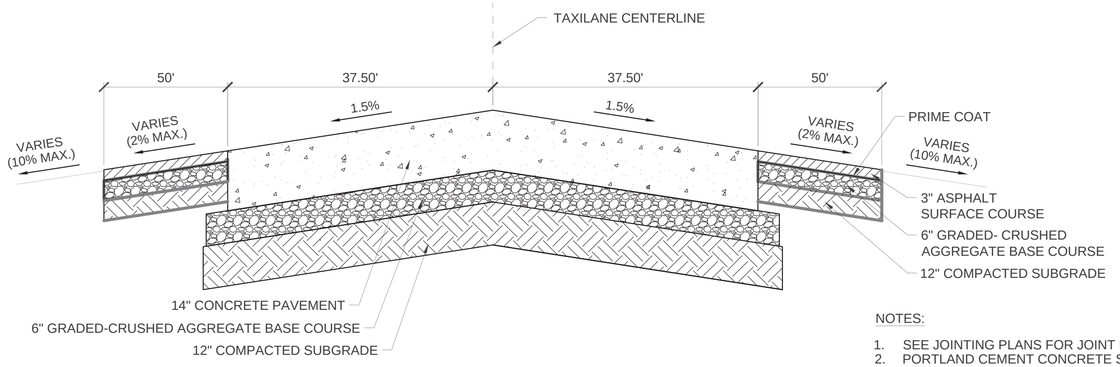
PLOTTED: 01/12/2026 11:06pm
USER: CamerosS



D1 TYPICAL CROWNED ROADWAY PAVEMENT SECTION DETAILS

SCALE: NTS

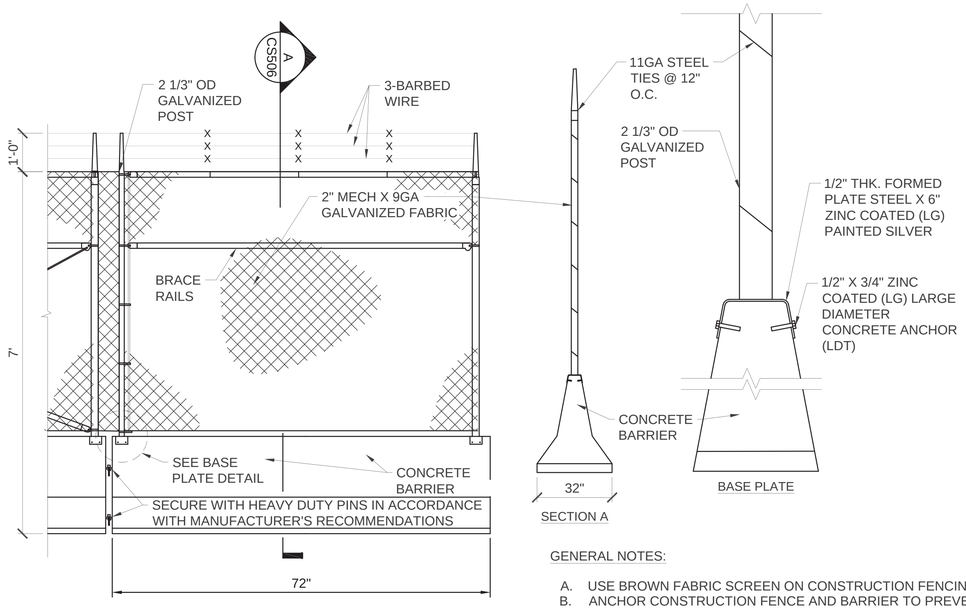


NOTES:

1. SEE JOINTING PLANS FOR JOINT DETAILS.
2. PORTLAND CEMENT CONCRETE SLOPES ARE 1.5% EXCEPT AS SHOWN ON JOINT ELEVATION PLANS, GRADING PLANS.

C1 TYPICAL TAXILANE PAVEMENT SECTION DETAILS

SCALE: NTS

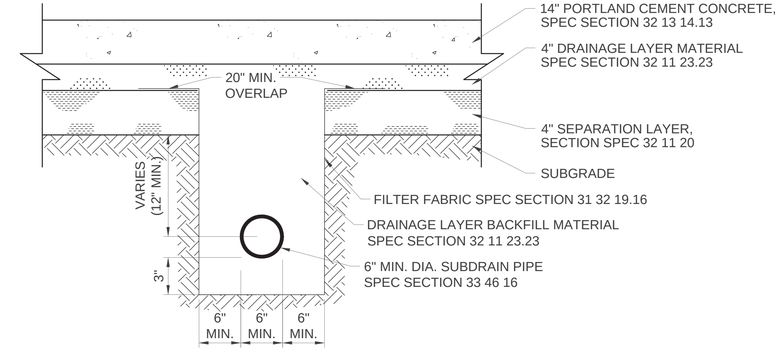


GENERAL NOTES:

A. USE BROWN FABRIC SCREEN ON CONSTRUCTION FENCING.
B. ANCHOR CONSTRUCTION FENCE AND BARRIER TO PREVENT OVERTURNING DURING MIN. 50 MPH WIND SPEED.
C. CONNECTION TO EXISTING FENCE MUST BE SECURE. SUBMIT CONNECTION PLAN TO CONTRACTING OFFICER FOR APPROVAL.
D. SECURE TEMPORARY GATES TO TEMPORARY FENCING IN A MANNER THAT FACILITATES A SECURE FREE ZONE.

A1 TEMPORARY FENCE

SCALE: NTS

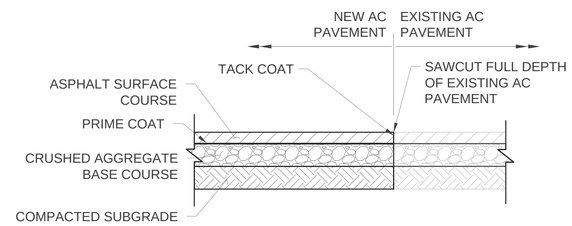


NOTE:

1. REFER TO SHEET CS501 FOR PAVEMENT DETAILS AND ADDITIONAL INFORMATION.

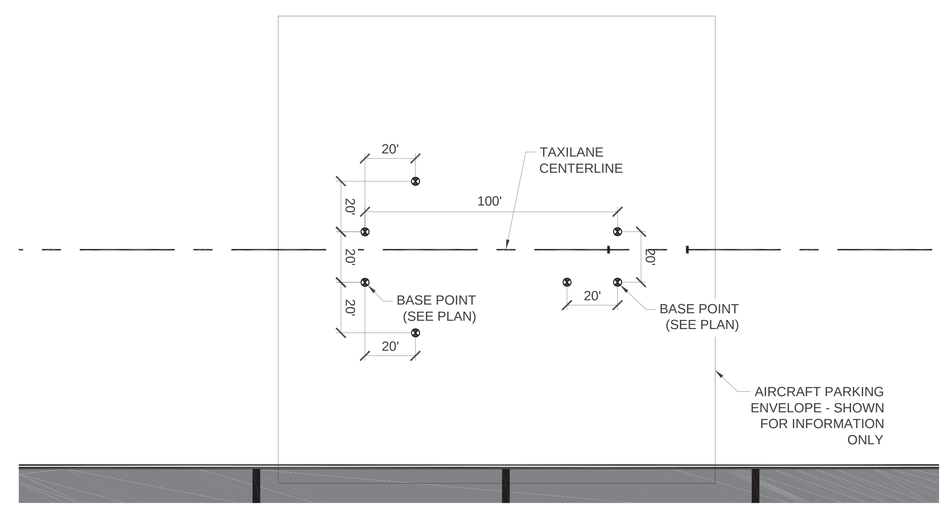
D4 AIRFIELD CONCRETE SUBDRAIN PAVEMENT

SCALE: NTS



C4 NEW ASPHALT PAVEMENT TO EXISTING ASPHALT PAVEMENT JUNCTION

SCALE: NTS



A4 TYPICAL AIRCRAFT TIEDOWN LAYOUT

SCALE: 1" = 20'

NAVFAC

STATE OF TEXAS
ANDREW T. MCCOY
96627
LICENSED PROFESSIONAL ENGINEER
1/20/2026
TEXAS REGISTERED ENGINEERING FIRM F-2966 SEAL

Jacobs / BURNS McDONNELL
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1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VA 22201

A/E Contract No. N62742-20-D-0002
A/E Task Order No. N6274221F0315
JCG NO. 03430603
A/E INFO

APPROVED
FOR COMMANDER NAVFAC DATE 02/02/2026

ACTIVITY
AFIMSC APPROVAL PER NAVFAC SAT-TO CHECKLIST

SATISFACTORY TO DATE 31 DEC 2025

DES: JMH	DRW: SMC	REV:	ATM
PM/DM			KKK
BRANCH MANAGER			SMK
CHIEF ENG/ARCH			SMK
FIRE PROTECTION			RO

DEPARTMENT OF THE NAVY
NAVFAC PACIFIC
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND – PACIFIC
JOINT REGION MARIANAS (JRM)
ANDERSEN AIR FORCE BASE
GUAM

FY24 AJJY183012 (P-012),
PDI: NORTH AIRCRAFT PARKING RAMP

SITE DETAILS

SCALE: AS SHOWN
EPROJECTS NO.: 1665555
CONSTR CONTROL NO.
NAVFAC DRAWING NO. 17361783
SHEET 160 OF 377

CS506

REDESIGN FINAL SUBMITTAL

FILE NAME: U:\BLDG\NAVFAC Pacific\03430603 – P-012 North Aircraft Parking Ramp\700 Working Documents\740 Sheets\740.01 Civil\P012_1665555_CS506.dwg
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USER: CamernS

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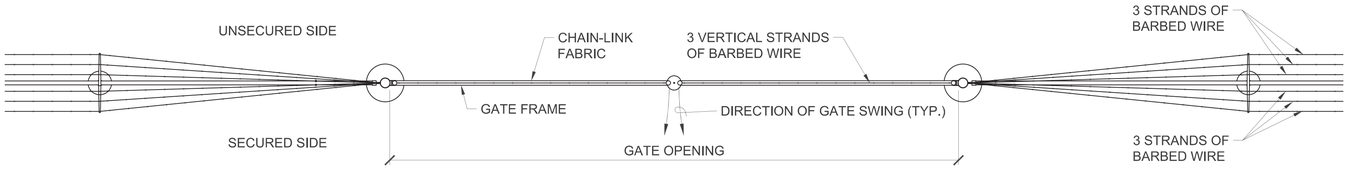
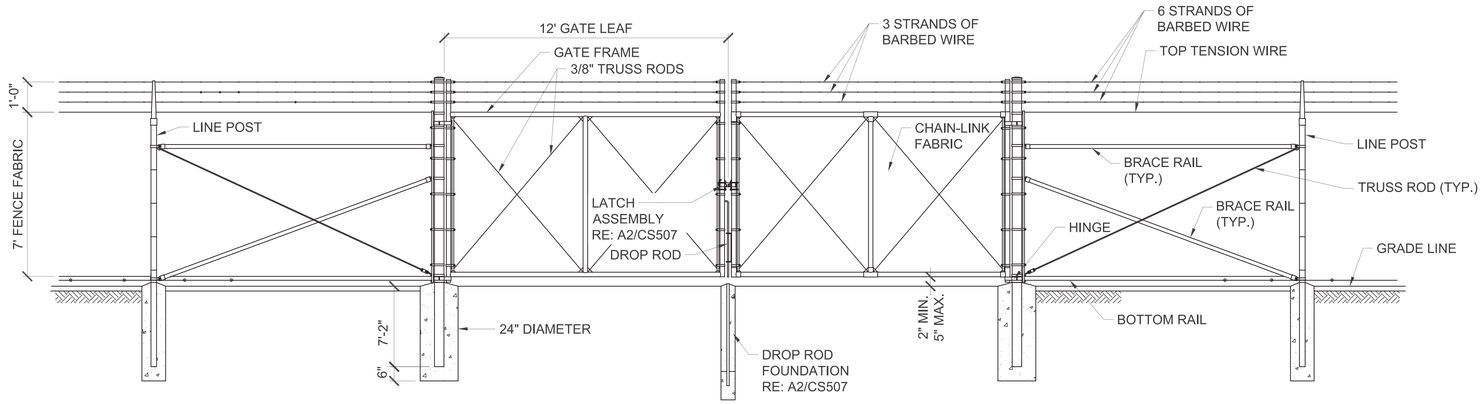


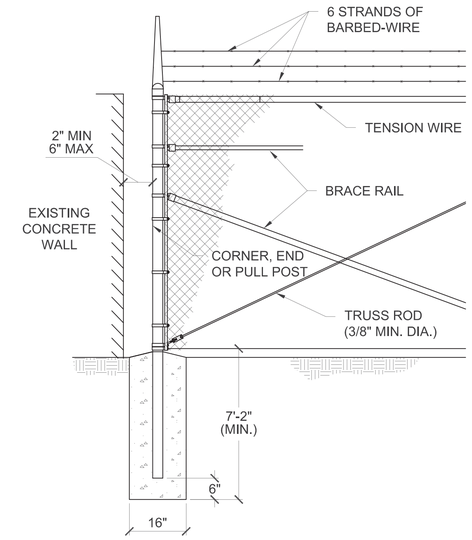
PLAN VIEW



ELEVATION VIEW

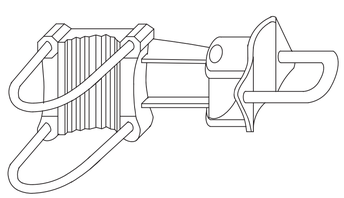
C2 DOUBLE LEAF SWING GATE (TYPE FE7 FENCE)

SCALE: NTS

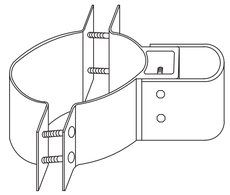


C5 FENCE CONNECTION AT WALL

SCALE: NTS



OFFSET HINGE



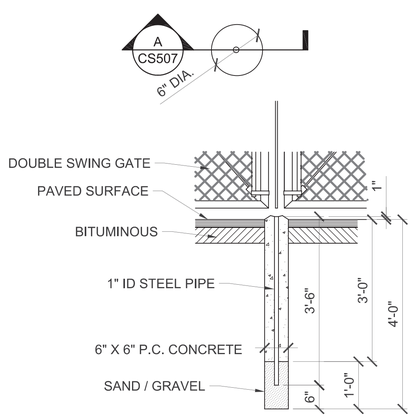
STANDARD HINGE

GATE POST SCHEDULE	
GATE LEAF WIDTH (NOMINAL)	OUTSIDE DIMENSION (NOMINAL)
6' OR LESS	2.875" O.D. 2.5" SQ.
MORE THAN 6' TO 13'	4.0" O.D.
MORE THAN 13' TO 18'	6.625" O.D.
MORE THAN 18'	8.625" O.D.

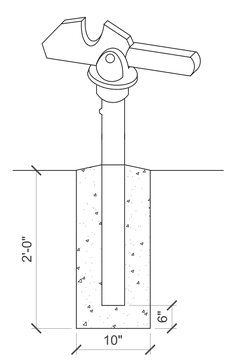
NOTES:

1. DETAILS SHOWN ARE TO CLARIFY REQUIREMENTS AND ARE NOT INTENDED TO LIMIT METHOD OF INSTALLATION TO ONE MANUFACTURER.
2. SWING GATES MUST BE CONSTRUCTED WITH DROP RODS, PADLOCKS, LATCH ASSEMBLY AND GATE KEEPERS EXCEPT AS NOTED.
3. GATE FRAMES MUST BE A MINIMUM OF 1.90" NOMINAL (ROUND) OR 2.00" NOMINAL (SQUARE). GATE FRAMES MUST BE WELDED CONSTRUCTION OR MUST BE ASSEMBLED USING HEAVY FITTINGS. AT CONSTRACTOR'S OPTION, A WELDED HORIZONTAL BRACE MAY BE USED IN LIEU OF TRUSS RODS TO BRACE WELDED GATE FRAMES. CONSTRUCTION OF GATES MUST BE RIGID AND IN ACCORDANCE WITH THE SPECIFICATIONS.
4. GATES MUST BE DESIGNATED AS FOLLOWS:

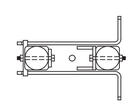
FENCE TYPE	- FE5, FE6, FE7.
FENCE HEIGHT	- INCHES
TYPE OPENING	- SO (SINGLE) - DO (DOUBLE)
HINGE	- RA (STANDARD) - HO (OFFSET)
OPENING	- FEET (CLEAR OPENING BETWEEN GATE POSTS)
EXAMPLES:	FE6-84-DO-RA-24 FE5-48-SO-HD-6



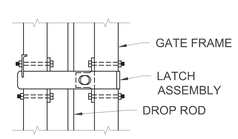
DROP ROD FOUNDATION



GATE KEEPER
(TO HOLD GATE OPEN)

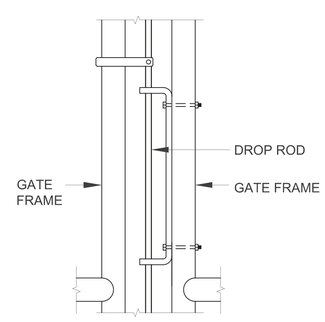


LATCH ASSEMBLY
PLAN VIEW



LATCH ASSEMBLY
ELEVATION VIEW

DROP ROD ASSEMBLY
PLAN VIEW



DROP ROD ASSEMBLY
ELEVATION VIEW

A2 SWING GATE DETAILS

SCALE: NTS

NAVFAC

STATE OF TEXAS
ANDREW T. MCCOY
96627
LICENSED
PROFESSIONAL ENGINEER
1/20/2026
TEXAS REGISTERED ENGINEERING FIRM F-3566 SEAL

Jacobs / BURNS McDONNELL
JACOBS/B&M, A JOINT VENTURE
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SUITE 500
ARLINGTON, VA 22201
A/E Contract No. N62742-20-D-0002
A/E Task Order No. N62742219T0315
JEG NO. 03430603 A/E INFO

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CHIEF ENG/ARCH			SMK
FIRE PROTECTION			RO

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVFAC PACIFIC
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND – PACIFIC
JOINT REGION MARIANAS (JRM)
ANDERSEN AIR FORCE BASE
GUAM

FY24 AJJY183012 (P-012),
PDI: NORTH AIRCRAFT PARKING RAMP

SITE DETAILS

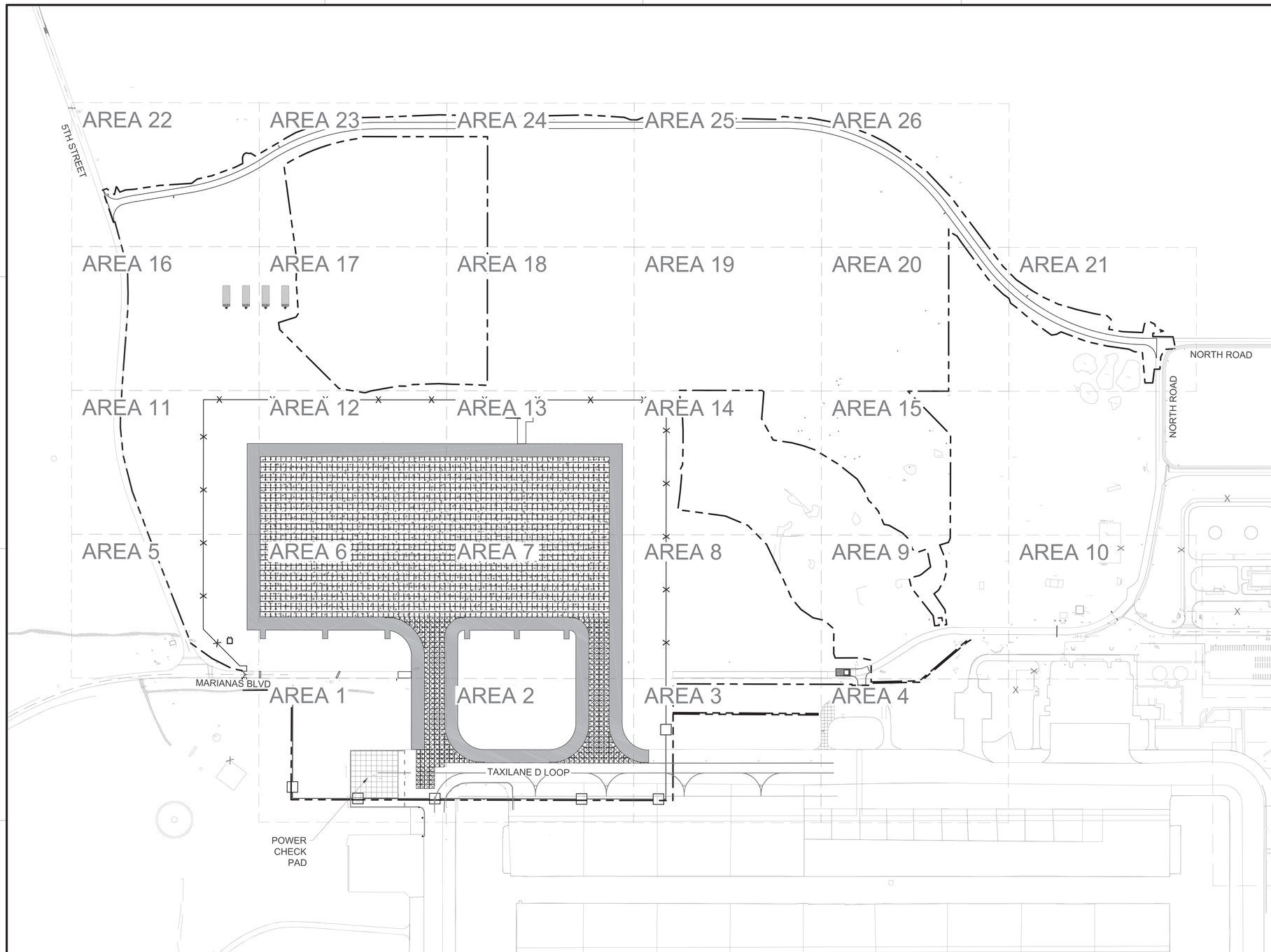
SCALE: AS SHOWN
EPROJECTS NO.: 1665555
CONSTR CONTROL NO.
NAVFAC DRAWING NO. 17361784
SHEET 161 OF 377

CS507

REDESIGN FINAL SUBMITTAL

FILE NAME: U:\BLDG\NAVFAC Pacific\D3430603 – P-012 North Aircraft Parking Ramp\700 Working Documents\740 Sheets\740.01 Civil\P012_1665555_CS507.dwg
LAYOUT NAME: SITE DETAILS
PLOTTED: 01/12/2026 11:06pm
USER: CamarcS

IF SHEET IS LESS THAN 22" X 34"
REDUCED PRINT. USE GRAPHIC SCALES



A1 OVERALL JOINTING PLAN
SCALE: 1" = 200'

GENERAL NOTES

A	REFER TO SHEET CS501 AND CS502 FOR JOINT DETAILS.
B	NO CHANGES IN THE JOINTING PATTERN WILL BE MADE WITHOUT WRITTEN APPROVAL OF THE DESIGN ENGINEER
C	REFER TO DETAIL C3/CF501 FOR GRADING AROUND THE HYDRANT OUTLET PITS.
D	NO JOINTING OR JOINT ELEVATION SHEETS FOR AREAS 4, 5, 9, 10, 11, 15, 16, OR 20 THROUGH 26

LEGEND

- ASPHALT SHOULDER, RE: C2/CS501
- AIRFIELD CONCRETE PAVEMENT, RE: C1/CS501
- AIRFIELD CONCRETE PAVEMENT AT TAXILANES L2, L3, AND L4, RE: D1/CS501
- 7' SECURITY FENCE, RE: C1/CS505
- TEMPORARY FENCE (FREE ZONE BOUNDARY), RE: A1/CS506
- LIMITS OF DISTURBANCE

OVERALL
KEY PLAN

GRAPHIC SCALE
0 100' 200' 400'
SCALE: 1"=200'

NORTH ARROW
TRUE N

NAVFAC

STATE OF TEXAS
ANDREW T. MCCOY
96627
LICENSED
PROFESSIONAL ENGINEER
1/27/2026
TEXAS REGISTERED ENGINEERING FIRM F-3966 SEAL

Jacobs / BURNS McDONNELL
JACOBS/B&M, A JOINT VENTURE
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VA 22201
A/E Contract No. N62742-20-D-0002
A/E Task Order No. N62742-21F0315
JEG NO. D3430603
A/E INFO

APPROVED
FOR COMMANDER NAVFAC DATE 02/02/2026

ACTIVITY
AFIMSC APPROVAL PER NAVFAC SAT-TO CHECKLIST

SATISFACTORY TO DATE 31 DEC 2025

DES:	JMH	DRW:	SMC	REV:	ATM
PM/DM					KKK
BRANCH MANAGER					SMK
CHIEF ENG/ARCH					SMK
FIRE PROTECTION					RO

DEPARTMENT OF THE NAVY
NAVFAC PACIFIC
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ PACIFIC
JOINT REGION MARIANAS (JRM)
ANDERSEN AIR FORCE BASE
GUAM

FY24 AJJY183012 (P-012),
PDI: NORTH AIRCRAFT PARKING RAMP

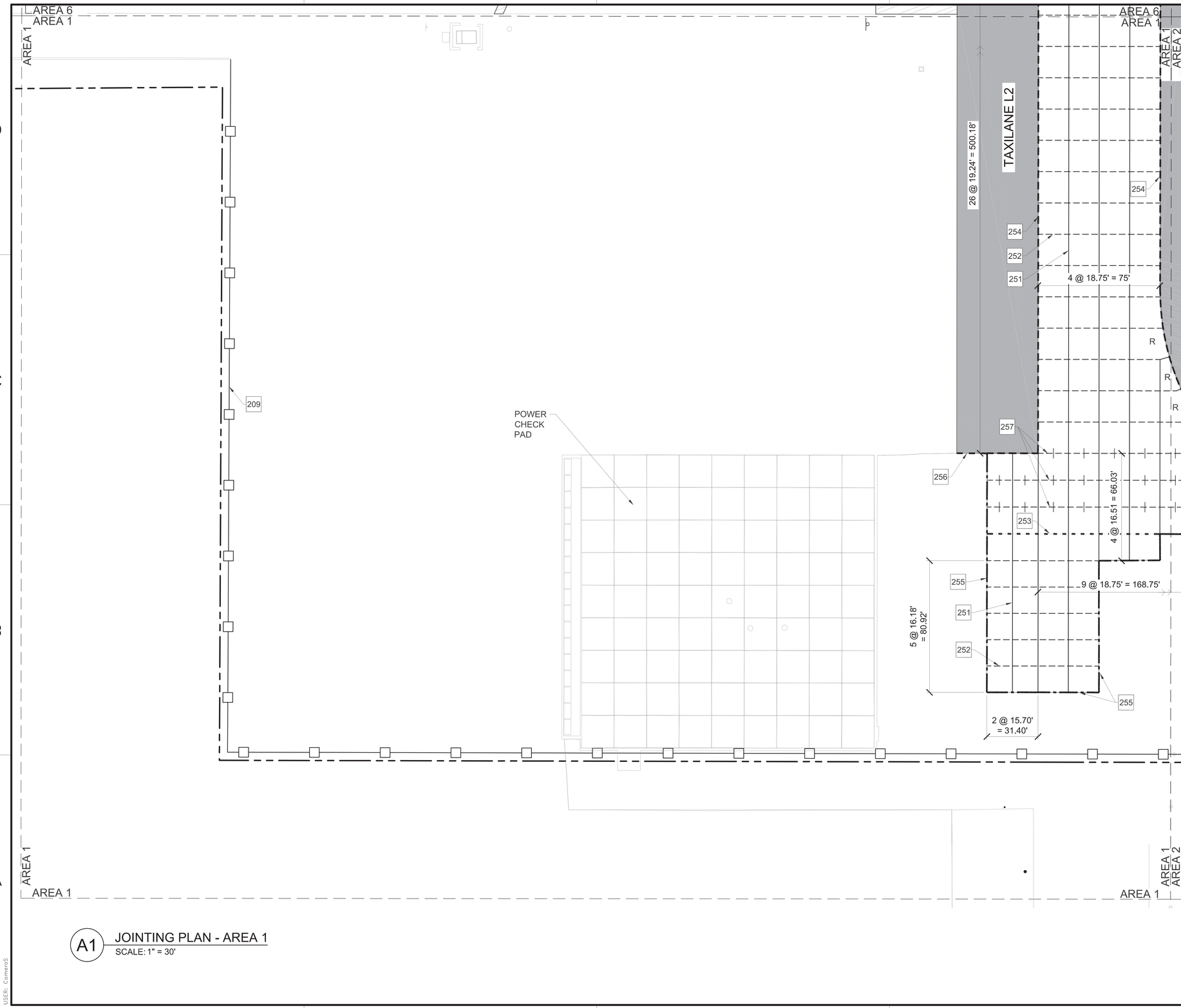
OVERALL JOINTING PLAN

SCALE: AS SHOWN
EPROJECTS NO.: 1665555
CONSTR CONTROL NO.
NAVFAC DRAWING NO. 17361785
SHEET 162 OF 377
CT101

REDESIGN FINAL SUBMITTAL

IF SHEET IS LESS THAN 22" X 34" REDUCED PRINT. USE GRAPHIC SCALES

FILE NAME: U:\BLDG\NAVFAC Pacific\D3430603 - P-012 North Aircraft Parking Ramp\700 Working Documents\740 Sheets\740.01 Civil\P012_1665555_CT101.dwg
LAYOUT NAME: OVERALL JOINTING PLAN
PLOTTED: 01/27/2026 10:15pm
USER: CamerasS



A1 JOINTING PLAN - AREA 1
SCALE: 1" = 30'

GENERAL NOTES

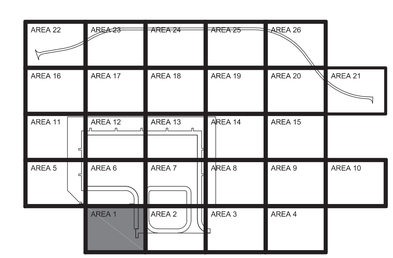
A	REFER TO SHEET CS501 AND CS502 FOR JOINT DETAILS
B	NO CHANGES IN THE JOINTING PATTERN WILL BE MADE WITHOUT WRITTEN APPROVAL OF THE DESIGN ENGINEER

KEYNOTES

209	TEMPORARY FENCE (FREE ZONE BOUNDARY), RE: A1/CS506
251	DOWELED CONSTRUCTION JOINT (TYPICAL) RE: C1/CS502
252	SAWED CONTRACTION JOINT (TYPICAL) RE: D5/CS502
253	THICKENED EDGE EXPANSION JOINT RE: C2/CS502
254	NEW CONCRETE PAVEMENT TO NEW ASPHALT PAVEMENT JOINT, RE: B1/CS501
255	NEW CONCRETE PAVEMENT TO EXISTING ASPHALT PAVEMENT JOINT, RE: A3/CS502
256	NEW ASPHALT PAVEMENT TO EXISTING ASPHALT PAVEMENT JOINT, RE: C4/CS506
257	DOWELED CONTRACTION JOINT, RE: C3/CS502

LEGEND

- ASPHALT SHOULDER, RE: C2/CS501
- DOWELED CONSTRUCTION JOINT, RE: C1/CS502
- SAWED CONTRACTION JOINT, RE: D5/CS502
- DOWELED CONTRACTION JOINT, RE: C3/CS502
- NEW CONCRETE PAVEMENT TO NEW ASPHALT PAVEMENT JOINT, RE: B1/CS501
- NEW CONCRETE PAVEMENT TO EXISTING ASPHALT PAVEMENT JOINT, RE: A3/CS502
- NEW ASPHALT PAVEMENT TO EXISTING ASPHALT PAVEMENT JOINT, RE: C4/CS506
- THICKENED EDGE EXPANSION JOINT, RE: C2/CS502
- 7' HIGH SECURITY FENCE, RE: C1/CS505
- TEMPORARY FENCE (FREE ZONE BOUNDARY), RE: A1/CS506
- LIMITS OF DISTURBANCE
- R — REINFORCED SLAB, RE: B1/CS502



AREA 1
KEY PLAN

GRAPHIC SCALE
0 15' 30' 60'
SCALE: 1"=30'

NORTH ARROW
TRUE N

NAVFAC

STATE OF TEXAS
ANDREW T. MCCOY
96627
LICENSED
PROFESSIONAL ENGINEER
1/20/2026
TEXAS REGISTERED ENGINEERING FIRM F-3966 SEAL

Jacobs / BURNS McDONNELL
JACOBS/B&M, A JOINT VENTURE
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VA 22201
A/E Contract No. N62742-20-D-0002
A/E Task Order No. N62742-21F0315
JCG NO. 03430603
A/E INFO

APPROVED
FOR COMMANDER NAVFAC DATE 02/02/2026

ACTIVITY
AFIMSC APPROVAL PER NAVFAC SAT-TO CHECKLIST

SATISFACTORY TO DATE	31 DEC 2025
DES: JMH DRW: SMC REV: ATM	
PM/DM	KKK
BRANCH MANAGER	SMK
CHIEF ENG/ARCH	SMK
FIRE PROTECTION	RO

DEPARTMENT OF THE NAVY
NAVFAC PACIFIC
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ PACIFIC
JOINT REGION MARIANAS (JRM)
ANDERSEN AIR FORCE BASE
GUAM

FY24 AJJY183012 (P-012),
PDI: NORTH AIRCRAFT PARKING RAMP

JOINTING PLAN - AREA 1

SCALE:	AS SHOWN
EPROJECTS NO.:	1665555
CONSTR CONTROL NO.	
NAVFAC DRAWING NO.	17361786
SHEET	163 OF 377

CT102

REDESIGN FINAL SUBMITTAL

IF SHEET IS LESS THAN 22" X 34" REDUCED PRINT. USE GRAPHIC SCALES

FILE NAME: U:\BLDG\NAVFAC Pacific\03430603 - P-012 North Aircraft Parking Ramp\700 Working Documents\740 Sheets\740.01 Civil\P012_1665555_CT102.dwg
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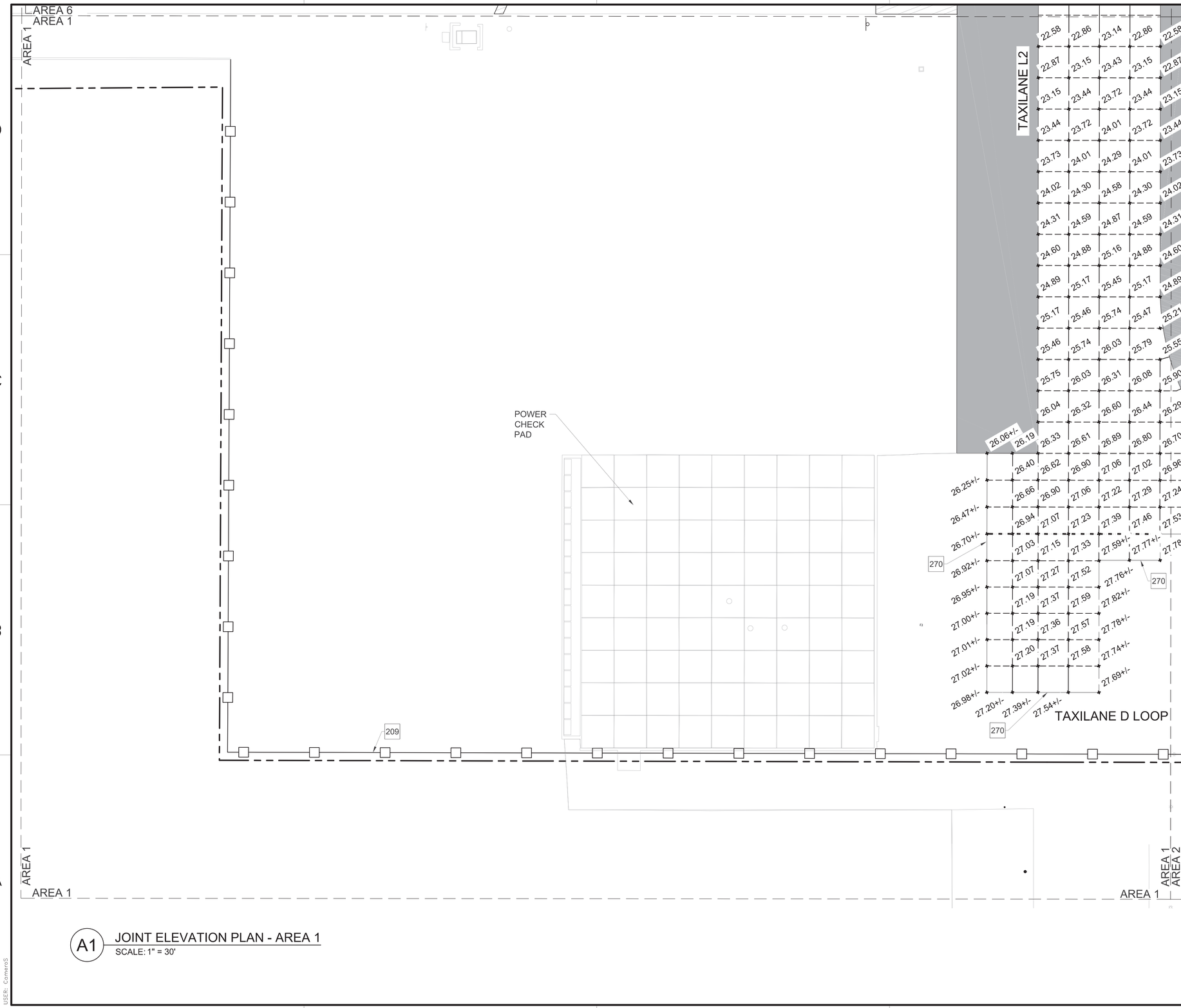
PLOTTED: 01/12/2026 11:10pm
USER: CamerpS



A1 JOINT ELEVATION PLAN - AREA 1
SCALE: 1" = 30'

GENERAL NOTES

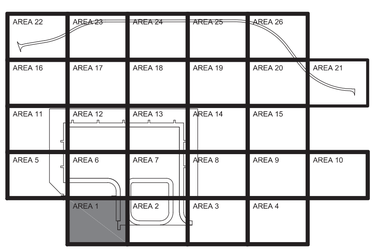
A	REFER TO SHEET CT102 FOR JOINTING PLAN.
B	ADD 500 TO ELEVATIONS FOR FINAL ELEVATIONS.
C	REFER TO CIVIL FUELING CROWN DETAIL C3 ON CF501 FOR GRADING ELEVATIONS PURPOSES.

KEYNOTES

204	7' HIGH SECURITY FENCE, RE: C1/CS505
209	TEMPORARY FENCE (FREE ZONE BOUNDARY), RE: A1/CS506
270	MATCH EXISTING

LEGEND

- XX.XX — ELEVATION DATA POINT
- ASPHALT SHOULDER, RE: C2/CS501
- TEMPORARY FENCE, RE: A1/CS506
- LIMITS OF DISTURBANCE



AREA 1
KEY PLAN

GRAPHIC SCALE
0 15' 30' 60'
SCALE: 1"=30'

NORTH ARROW
TRUE N

NAVFAC

STATE OF TEXAS
ANDREW T. MCCOY
96627
LICENSED
PROFESSIONAL ENGINEER
1/20/2026
TEXAS REGISTERED ENGINEERING FIRM F-3966 SEAL

Jacobs / BURNS & McDONNELL
JACOBS/B&M, A JOINT VENTURE
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VA 22201
A/E Contract No. N62742-20-D-0002
A/E Task Order No. N62742219315
JCG NO. 03430603
A/E INFO

APPROVED
FOR COMMANDER NAVFAC DATE 02/02/2026

ACTIVITY
AFIMSC APPROVAL PER NAVFAC SAT-TO CHECKLIST

SATISFACTORY TO DATE 31 DEC 2025

DES:	JMH	DRW:	SMC	REV:	ATM
PM/OM					KKK
BRANCH MANAGER					SMK
CHIEF ENG/ARCH					SMK
FIRE PROTECTION					RO

DEPARTMENT OF THE NAVY
NAVFAC PACIFIC
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ PACIFIC
JOINT REGION MARIANAS (JRM)
ANDERSEN AIR FORCE BASE
GUAM

FY24 AUJY183012 (P-012)
PDI: NORTH AIRCRAFT PARKING RAMP

JOINT ELEVATION PLAN - AREA 1

SCALE: AS SHOWN
EPROJECTS NO.: 1665555
CONSTR CONTROL NO.
NAVFAC DRAWING NO. 17361787
SHEET 164 OF 377
CT103

REDESIGN FINAL SUBMITTAL

IF SHEET IS LESS THAN 22" X 34" REDUCED PRINT. USE GRAPHIC SCALES

FILE NAME: U:\BLDG\NAVFAC Pacific\03430603 - P-012 North Aircraft Parking Ramp\700 Working Documents\740 Sheets\740.01 Civil\P012_1665555_CT103.dwg
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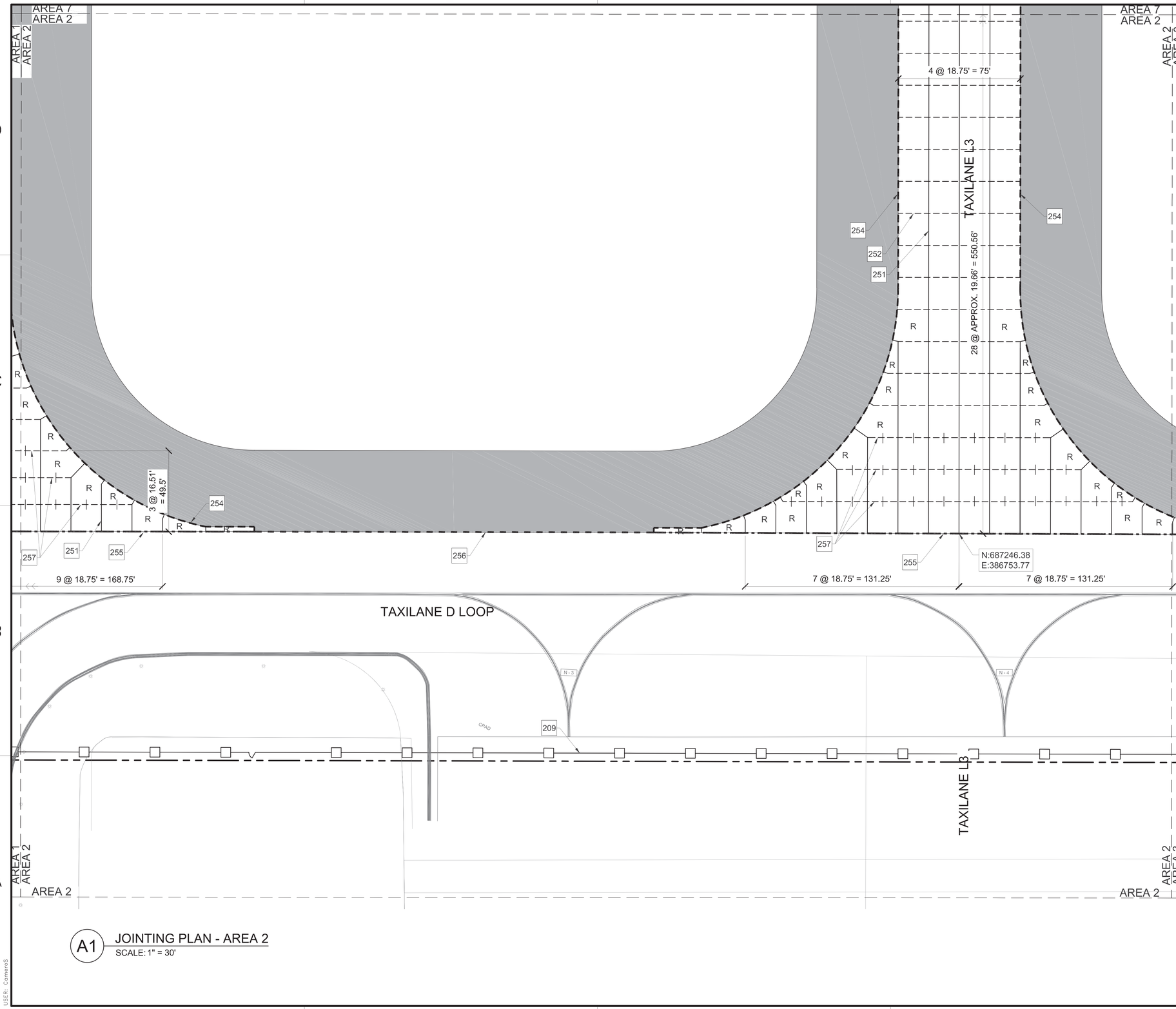


A1 JOINTING PLAN - AREA 2
SCALE: 1" = 30'

GENERAL NOTES

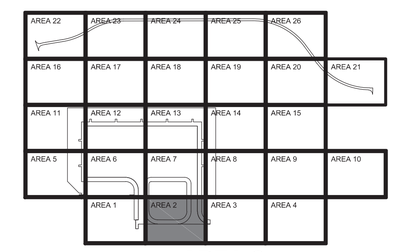
A	REFER TO SHEET CS501 AND CS502 FOR JOINT DETAILS
B	NO CHANGES IN THE JOINTING PATTERN WILL BE MADE WITHOUT WRITTEN APPROVAL OF THE DESIGN ENGINEER

KEYNOTES

209	TEMPORARY FENCE (FREE ZONE BOUNDARY), RE: A1/CS506
251	DOWELED CONSTRUCTION JOINT (TYPICAL) RE: C1/CS502
252	SAWED CONTRACTION JOINT (TYPICAL) RE: D5/CS502
254	NEW CONCRETE PAVEMENT TO NEW ASPHALT PAVEMENT JOINT, RE: B1/CS501
255	NEW CONCRETE PAVEMENT TO EXISTING ASPHALT PAVEMENT JOINT, RE: A3/CS502
256	NEW ASPHALT PAVEMENT TO EXISTING ASPHALT PAVEMENT JOINT, RE: C4/CS506
257	DOWELED CONTRACTION JOINT, RE: C3/CS502

LEGEND

- ASPHALT SHOULDER, RE: C2/CS501
- DOWELED CONSTRUCTION JOINT, RE: C1/CS502
- SAWED CONTRACTION JOINT, RE: D5/CS502
- DOWELED CONTRACTION JOINT, RE: C3/CS502
- NEW CONCRETE PAVEMENT TO NEW ASPHALT PAVEMENT JOINT, RE: B1/CS501
- NEW CONCRETE PAVEMENT TO EXISTING ASPHALT PAVEMENT JOINT, RE: A3/CS502
- NEW ASPHALT PAVEMENT TO EXISTING ASPHALT PAVEMENT JOINT, RE: C4/CS506
- TEMPORARY FENCE (FREE ZONE BOUNDARY), RE: A1/CS506
- LIMITS OF DISTURBANCE
- R — REINFORCED SLAB, RE: B1/CS502



AREA 2
KEY PLAN

GRAPHIC SCALE
0 15' 30' 60'
SCALE: 1"=30'

NORTH ARROW
TRUE N

STATE OF TEXAS
ANDREW T. MCCOY
96627
LICENSED
PROFESSIONAL ENGINEER
1/20/2026
TEXAS REGISTERED ENGINEERING FIRM F-3066 SEAL

Jacobs / BURNS & McDONNELL
JACOBS/B&M, A JOINT VENTURE
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VA 22201
A/E Contract No. N62742-20-D-0002
A/E Task Order No. N62742219 0315
JCG NO. 0343663
A/E INFO

APPROVED
FOR COMMANDER NAVFAC DATE 02/02/2026

ACTIVITY
AFIMSC APPROVAL PER NAVFAC SAT-TO CHECKLIST

SATISFACTORY TO DATE 31 DEC 2025

DES:	JMH	DRW:	SMC	REV:	ATM
PM/DM					KKK
BRANCH MANAGER					SMK
CHIEF ENG/ARCH					SMK
FIRE PROTECTION					RO

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVFAC PACIFIC
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND – PACIFIC
JOINT REGION MARIANAS (JRM)
ANDERSEN AIR FORCE BASE
GUAM

FY24 AUY183012 (P-012),
PDI: NORTH AIRCRAFT PARKING RAMP

JOINTING PLAN - AREA 2

SCALE: AS SHOWN
EPROJECTS NO.: 1665555
CONSTR CONTROL NO.
NAVFAC DRAWING NO. 17361788
SHEET 165 OF 377
CT104

REDESIGN FINAL SUBMITTAL

IF SHEET IS LESS THAN 22" X 34" REDUCED PRINT. USE GRAPHIC SCALES

FILE NAME: U:\BLDG\NAVFAC Pacific\D3430603 – P-012 North Aircraft Parking Ramp\700 Working Documents\740 Sheets\740.01 Civil\P012_1665555_CT104.dwg
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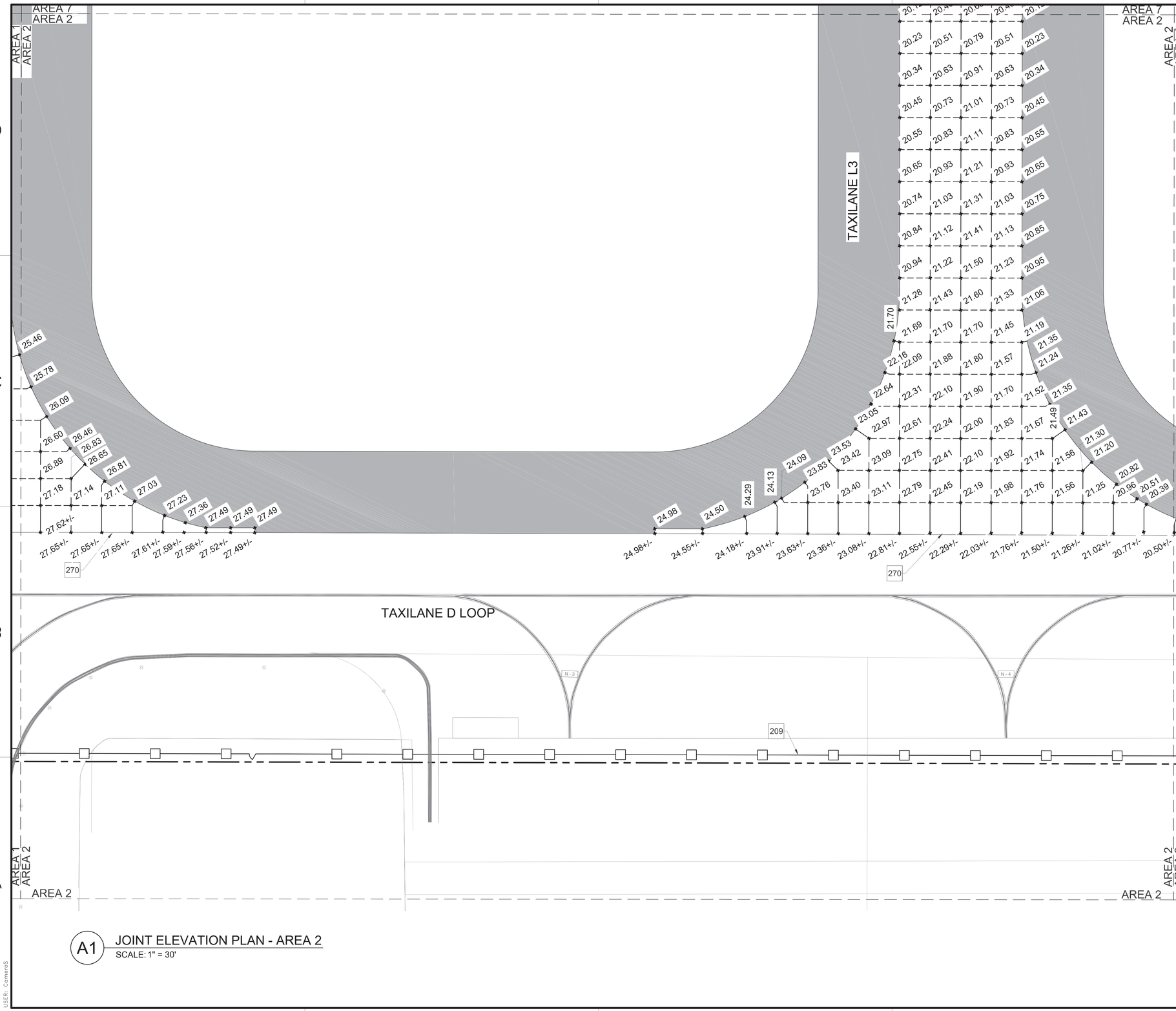


A1 JOINT ELEVATION PLAN - AREA 2
SCALE: 1" = 30'

GENERAL NOTES

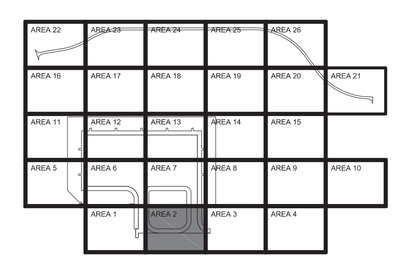
A	REFER TO SHEET CT104 FOR JOINTING PLAN.
B	ADD 500 TO ELEVATIONS FOR FINAL ELEVATIONS.
C	REFER TO CIVIL FUELING CROWN DETAIL C3 ON CF501 FOR GRADING ELEVATIONS PURPOSES.

KEYNOTES

209	TEMPORARY FENCE (FREE ZONE BOUNDARY), RE: A1/CS506
270	MATCH EXISTING

LEGEND

- XX.XX — ELEVATION DATA POINT
- ASPHALT SHOULDER, RE: C2/CS501
- TEMPORARY FENCE, RE: A1/CS506
- LIMITS OF DISTURBANCE



AREA 2
KEY PLAN

GRAPHIC SCALE
0 15' 30' 60'
SCALE: 1"=30'

NORTH ARROW
TRUE N

IF SHEET IS LESS THAN 22" X 34" REDUCED PRINT. USE GRAPHIC SCALES

NAVFAC

STATE OF TEXAS
ANDREW T. MCCOY
96627
LICENSED PROFESSIONAL ENGINEER
1/20/2026
TEXAS REGISTERED ENGINEERING FIRM F-3966 SEAL

Jacobs / BURNS & McDONNELL
JACOBS/B&M, A JOINT VENTURE
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VA 22201
A/E Contract No. N62742-20-D-0002
A/E Task Order No. N62742219315
JCG NO. 03430603
A/E INFO

APPROVED
FOR COMMANDER NAVFAC DATE 02/02/2026

ACTIVITY
AFIMSC APPROVAL PER NAVFAC SAT-TO CHECKLIST

SATISFACTORY TO DATE 31 DEC 2025

DES: JMH	DRW: SMC	REV: ATM	
PM/DM			KKK
BRANCH MANAGER			SMK
CHIEF ENG/ARCH			SMK
FIRE PROTECTION			RO

DEPARTMENT OF THE NAVY
NAVFAC PACIFIC
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ PACIFIC
JOINT REGION MARIANAS (JRM)
ANDERSEN AIR FORCE BASE
GUAM

FY24 AJJY183012 (P-012),
PDI: NORTH AIRCRAFT PARKING RAMP
JOINT ELEVATION PLAN - AREA 2

SCALE: AS SHOWN
EPROJECTS NO.: 1665555
CONSTR CONTROL NO.
NAVFAC DRAWING NO. 17361789
SHEET 166 OF 377
CT105

REDESIGN FINAL SUBMITTAL

FILE NAME: U:\BLDG\NAVFAC Pacific\03430603 - P-012 North Aircraft Parking Ramp\700 Working Documents\740 Sheets\740.01 Civil\P012_1665555_CT105.dwg
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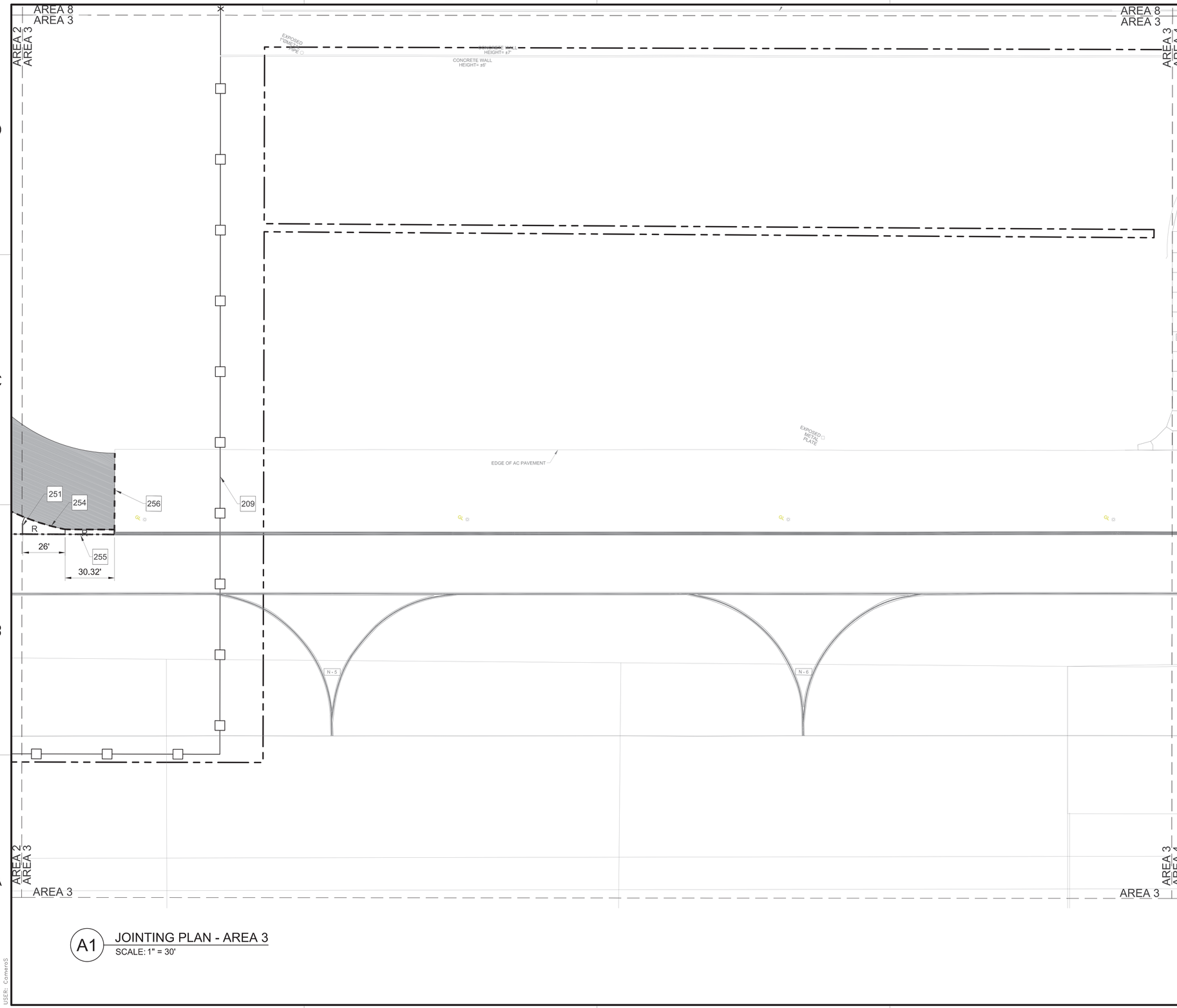


A1 JOINTING PLAN - AREA 3
SCALE: 1" = 30'

GENERAL NOTES

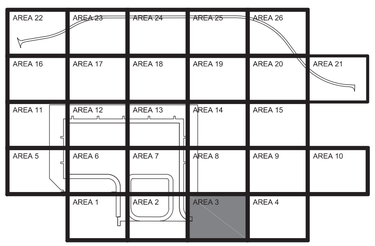
A	REFER TO SHEET CS501 AND CS502 FOR JOINT DETAILS
B	NO CHANGES IN THE JOINTING PATTERN WILL BE MADE WITHOUT WRITTEN APPROVAL OF THE DESIGN ENGINEER

KEYNOTES

209	TEMPORARY FENCE (FREE ZONE BOUNDARY), RE: A1/CS506
251	DOWELED CONSTRUCTION JOINT (TYPICAL) RE: C1/CS502
254	NEW CONCRETE PAVEMENT TO NEW ASPHALT PAVEMENT JOINT, RE: B1/CS501
255	NEW CONCRETE PAVEMENT TO EXISTING ASPHALT PAVEMENT JOINT, RE: A3/CS502
256	NEW ASPHALT PAVEMENT TO EXISTING ASPHALT PAVEMENT JOINT, RE: C4/CS506
257	DOWELED CONTRACTION JOINT, RE: C3/CS502

LEGEND

- ASPHALT SHOULDER, RE: C2/CS501
- DOWELED CONSTRUCTION JOINT, RE: C1/CS502
- NEW CONCRETE PAVEMENT TO NEW ASPHALT PAVEMENT JOINT, RE: B1/CS501
- NEW CONCRETE PAVEMENT TO EXISTING ASPHALT PAVEMENT JOINT, RE: A3/CS502
- NEW ASPHALT PAVEMENT TO EXISTING ASPHALT PAVEMENT JOINT, RE: C4/CS506
- TEMPORARY FENCE (FREE ZONE BOUNDARY), RE: A1/CS506
- LIMITS OF DISTURBANCE
- R REINFORCED SLAB, RE: B1/CS502



AREA 3
KEY PLAN

GRAPHIC SCALE
0 15' 30' 60'
SCALE: 1"=30'

NORTH ARROW
TRUE N

IF SHEET IS LESS THAN 22" X 34" REDUCED PRINT. USE GRAPHIC SCALES

NAVFAC

STATE OF TEXAS
ANDREW T. MCCOY
96627
LICENSED
PROFESSIONAL ENGINEER
1/20/2026
TEXAS REGISTERED ENGINEERING FIRM F-3966 SEAL

Jacobs / BURNS McDONNELL
JACOBS/B&M, A JOINT VENTURE
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VA 22201
A/E Contract No. N62742-20-D-0002
A/E Task Order No. N6274221F0315
JCG NO. 03430603
A/E INFO

APPROVED
FOR COMMANDER NAVFAC DATE 02/02/2026

ACTIVITY
AFIMSC APPROVAL PER NAVFAC SAT-TO CHECKLIST
SATISFACTORY TO DATE 31 DEC 2025

DES:	JMH	DRW: SMC	REV: ATM
PM/DM			KKK
BRANCH MANAGER			SMK
CHIEF ENG/ARCH			SMK
FIRE PROTECTION			RO

DEPARTMENT OF THE NAVY
NAVFAC PACIFIC
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ PACIFIC
JOINT REGION MARIANAS (JRM)
ANDERSEN AIR FORCE BASE
GUAM
FY24 AJJY183012 (P-012),
PDI: NORTH AIRCRAFT PARKING RAMP
JOINTING PLAN - AREA 3

SCALE: AS SHOWN
EPROJECTS NO.: 1665555
CONSTR CONTROL NO.
NAVFAC DRAWING NO. 17361790
SHEET 167 OF 377
CT106

REDESIGN FINAL SUBMITTAL

FILE NAME: U:\BLDG\NAVFAC Pacific\03430603 - P-012 North Aircraft Parking Ramp\700 Working Documents\740 Sheets\740.01 Civil\P012_1665555_CT106.dwg
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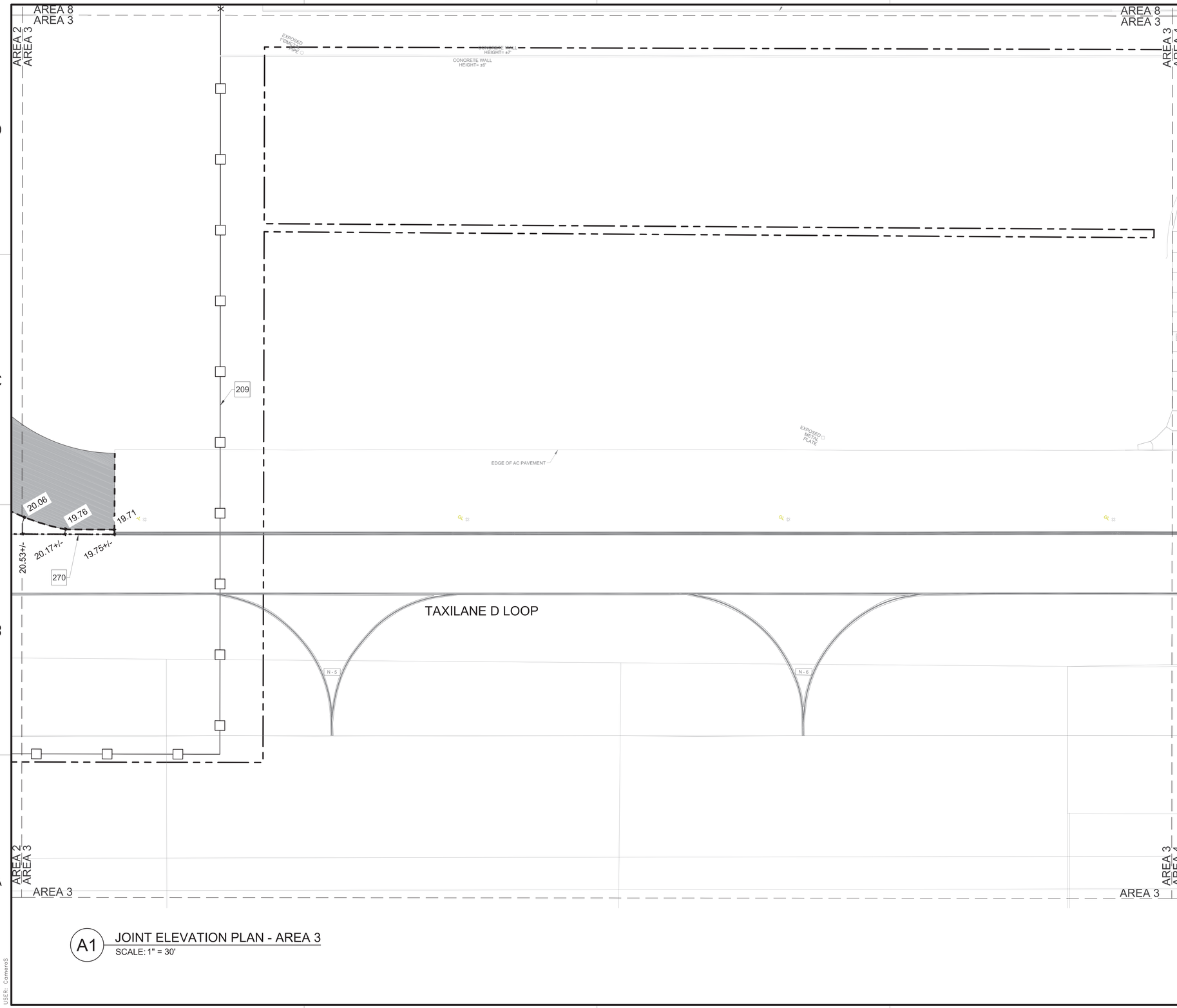


A1 JOINT ELEVATION PLAN - AREA 3
SCALE: 1" = 30'

GENERAL NOTES

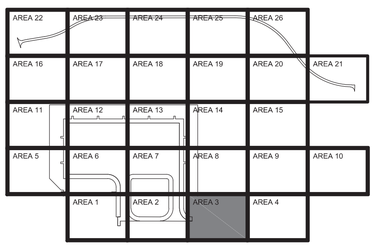
A	REFER TO SHEET CT106 FOR JOINTING PLAN.
B	ADD 500 TO ELEVATIONS FOR FINAL ELEVATIONS.
C	REFER TO CIVIL FUELING CROWN DETAIL C3 ON CF501 FOR GRADING ELEVATIONS PURPOSES.

KEYNOTES

209	TEMPORARY FENCE (FREE ZONE BOUNDARY), RE: A1/CS506
270	MATCH EXISTING

LEGEND

- XX.XX — ELEVATION DATA POINT
- ASPHALT SHOULDER, RE: C2/CS501
- TEMPORARY FENCE, RE: A1/CS506
- LIMITS OF DISTURBANCE



AREA 3
KEY PLAN

GRAPHIC SCALE
0 15' 30' 60'
SCALE: 1"=30'

NORTH ARROW
TRUE N

IF SHEET IS LESS THAN 22" X 34" REDUCED PRINT. USE GRAPHIC SCALES

NAVFAC

STATE OF TEXAS
ANDREW T. MCCOY
96627
LICENSED
PROFESSIONAL ENGINEER
1/20/2026
TEXAS REGISTERED ENGINEERING FIRM F-3966 SEAL

Jacobs / BURNS MCDONNELL
JACOBS/B&M, A JOINT VENTURE
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VA 22201
A/E Contract No. N62742-20-D-0002
A/E Task Order No. N6274221F0315
JCG NO. 03430603
A/E INFO

APPROVED
FOR COMMANDER NAVFAC DATE 02/02/2026

ACTIVITY
AFIMSC APPROVAL PER NAVFAC SAT-TO CHECKLIST

SATISFACTORY TO DATE 31 DEC 2025

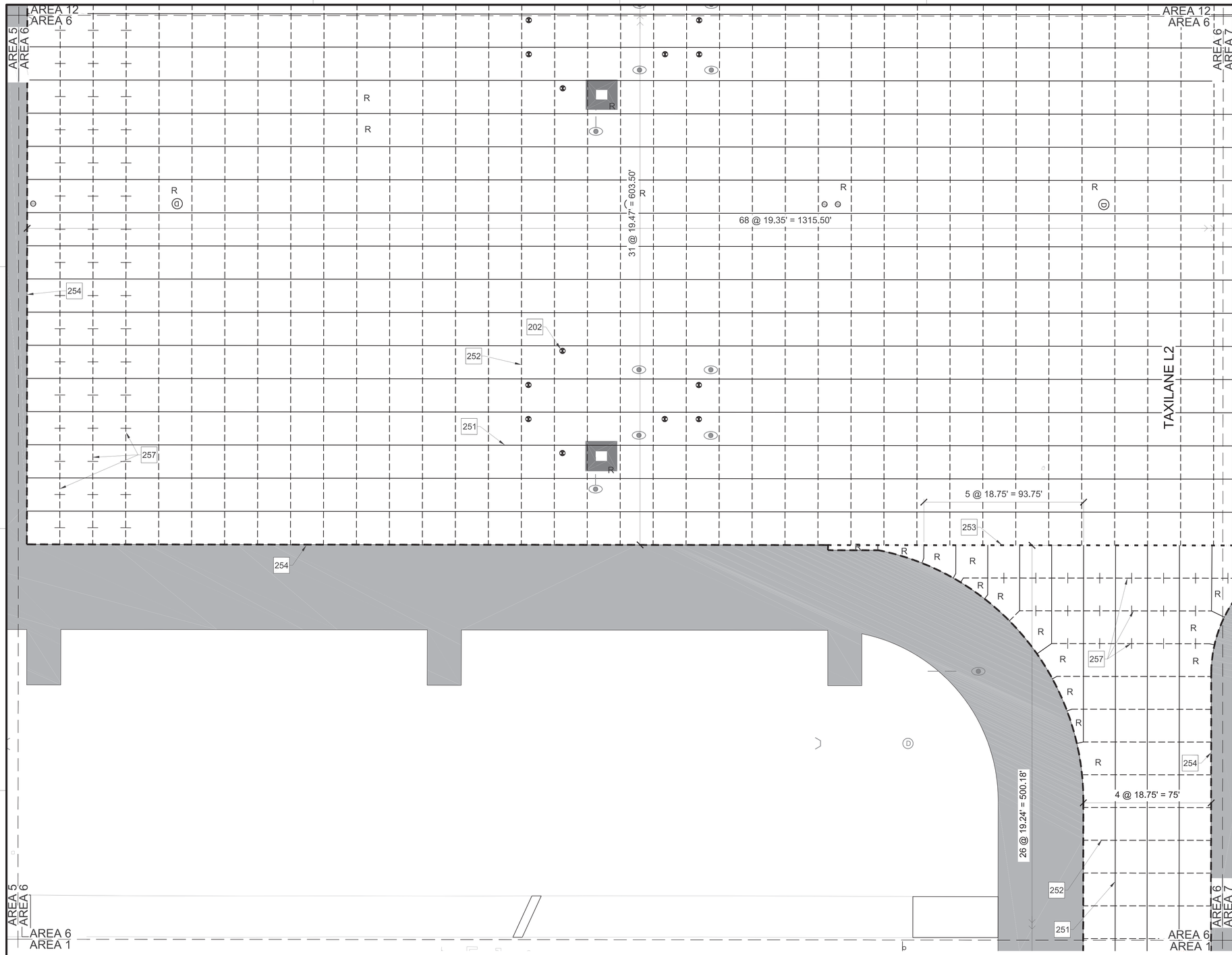
DES:	JMH	DRW: SMC	REV: ATM
PM/DM			KKK
BRANCH MANAGER			SMK
CHIEF ENG/ARCH			SMK
FIRE PROTECTION			RO

DEPARTMENT OF THE NAVY
NAVFAC PACIFIC
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ PACIFIC
JOINT REGION MARIANAS (JRM)
ANDERSEN AIR FORCE BASE
GUAM
FY24 AJJY183012 (P-012),
PDI: NORTH AIRCRAFT PARKING RAMP
JOINT ELEVATION PLAN - AREA 3

SCALE: AS SHOWN
EPROJECTS NO.: 1665555
CONSTR CONTROL NO.
NAVFAC DRAWING NO. 17361791
SHEET 168 OF 377
CT107

REDESIGN FINAL SUBMITTAL

FILE NAME: U:\BLDG\NAVFAC Pacific\D3430603 - P-012 North Aircraft Parking Ramp\700 Working Documents\740 Sheets\740.01 Civil\P012_1665555_CT107.dwg
LAYOUT NAME: JOINT ELEVATION PLAN - AREA 3
PLOTTED: 01/12/2026 11:19pm
USER: CamerS



A1 JOINTING PLAN - AREA 6
SCALE: 1" = 30'

GENERAL NOTES

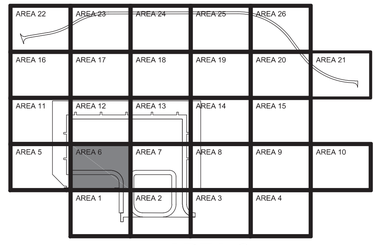
A	HYDRANT FUEL PITS MUST BE INSTALLED WITH THICKENED EDGE EXPANSION JOINTS (TYP), RE: C2/CS502
B	REFER TO SHEET CS501 AND CS502 FOR JOINT DETAILS
C	REFER TO SHEET CF101 FOR HYDRANT PIT NUMBERING
D	NO CHANGES IN THE JOINTING PATTERN WILL BE MADE WITHOUT WRITTEN APPROVAL OF THE DESIGN ENGINEER

KEYNOTES

202	AIRCRAFT TIEDOWN, RE: A1/CS504
251	DOWELED CONSTRUCTION JOINT (TYPICAL) RE: C1/CS502
252	SAWED CONTRACTION JOINT (TYPICAL) RE: D5/CS502
253	THICKENED EDGE EXPANSION JOINT RE: C2/CS502
254	NEW CONCRETE PAVEMENT TO NEW ASPHALT PAVEMENT JOINT, RE: B1/CS501
257	DOWELED CONTRACTION JOINT, RE: C3/CS502

LEGEND

- ASPHALT SHOULDER, RE: C2/CS501
- DOWELED CONSTRUCTION JOINT, RE: C1/CS502
- SAWED CONTRACTION JOINT, RE: D5/CS502
- DOWELED CONTRACTION JOINT, RE: C3/CS502
- NEW CONCRETE PAVEMENT TO NEW ASPHALT PAVEMENT JOINT, RE: B1/CS501
- THICKENED EDGE EXPANSION JOINT, RE: C2/CS502
- R — REINFORCED SLAB, RE: B1/CS502
- AIRCRAFT TIEDOWN, RE: A1/CS504
- FUEL HYDRANT PIT,SEE CF101 FOR HYDRANT PIT NUMBERING AND MARKING, RE: C4/CS504
- STATIC GROUND
- HEADWALL, RE: A2/CG501
- D — STORM DRAIN MANHOLE, RE: C3/CG502
- STORM DRAIN CLEANOUT, RE: C4/CG503



AREA 6
KEY PLAN

GRAPHIC SCALE
0 15' 30' 60'
SCALE: 1"=30'

NORTH ARROW
TRUE N

NAVFAC

STATE OF TEXAS
ANDREW T. MCCOY
96627
LICENSED
PROFESSIONAL ENGINEER
1/20/2026
TEXAS REGISTERED ENGINEERING FIRM F-3966 SEAL

Jacobs / BURNS McDONNELL
JACOBS/B&M, A JOINT VENTURE
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VA 22201
A/E Contract No. N62742-20-D-0002
A/E Task Order No. N62742219D1315
JEG NO. 03430603
A/E INFO

APPROVED
FOR COMMANDER NAVFAC DATE 02/02/2026

ACTIVITY
AFIMSC APPROVAL PER NAVFAC SAT-TO CHECKLIST
SATISFACTORY TO DATE 31 DEC 2025

DES: JMH	DRW: SMC	REV: ATM
PM/DM		KKK
BRANCH MANAGER		SMK
CHIEF ENG/ARCH		SMK
FIRE PROTECTION		RO

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVFAC PACIFIC
ANDERSEN AIR FORCE BASE
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND – PACIFIC
JOINT REGION MARIANAS (JRM)
GUAM

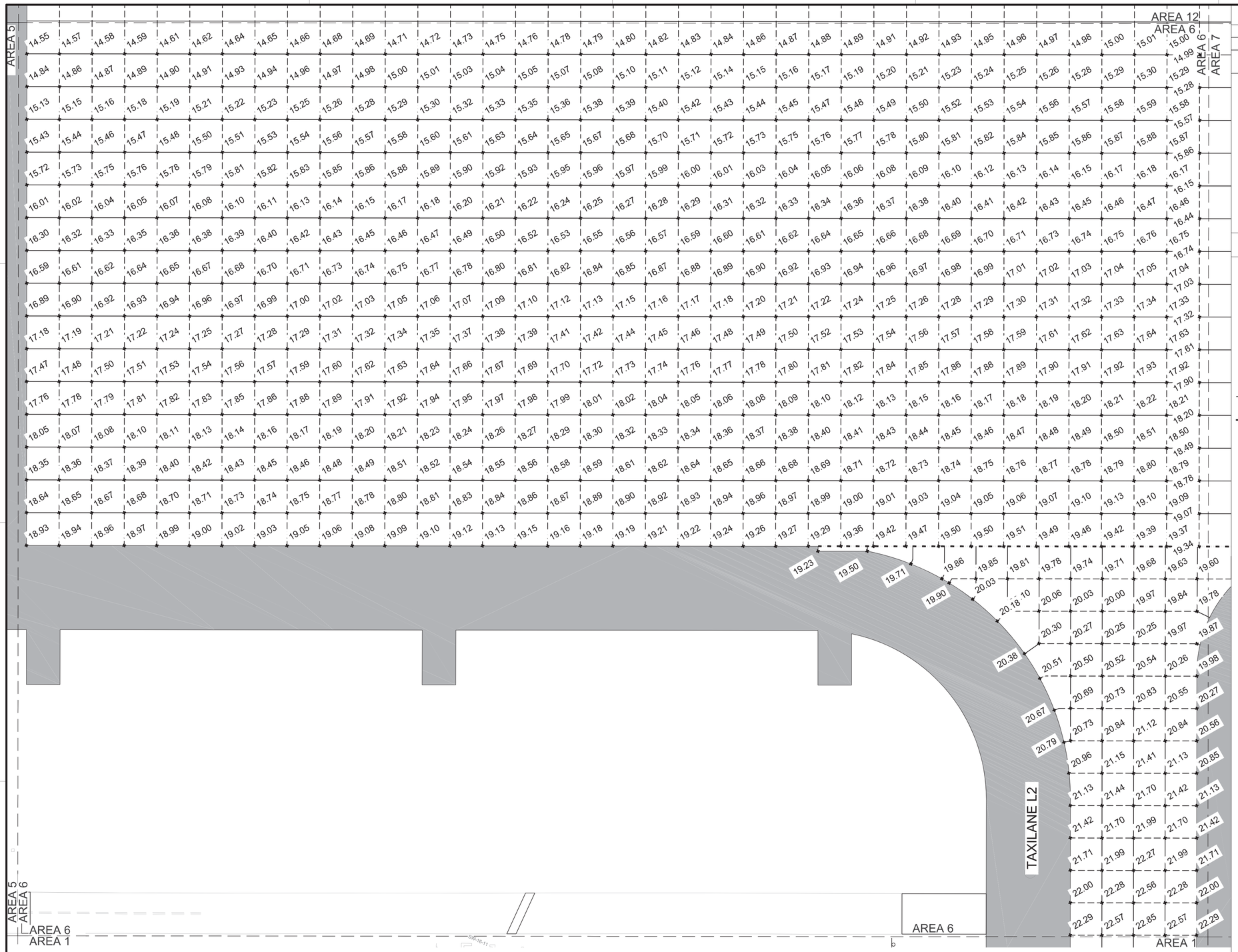
FY24 AUY183012 (P-012)
PDI: NORTH AIRCRAFT PARKING RAMP
JOINTING PLAN - AREA 6

SCALE: AS SHOWN
EPROJECTS NO.: 1665555
CONSTR CONTROL NO.
NAVFAC DRAWING NO. 17361792
SHEET 169 OF 377
CT108

REDESIGN FINAL SUBMITTAL

IF SHEET IS LESS THAN 22" X 34" REDUCED PRINT. USE GRAPHIC SCALES

FILE NAME: U:\BLDG\NAVFAC Pacific\03430603 – P-012 North Aircraft Parking Ramp\700 Working Documents\740 Sheets\740.01 Civil\P012_1665555_CT108.dwg
LAYOUT NAME: JOINTING PLAN – AREA 6
PLOTTED: 01/12/2026 11:21pm
USER: CamerosS



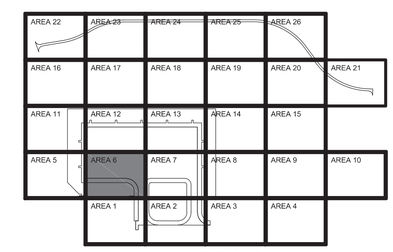
A1 JOINT ELEVATION PLAN - AREA 6
SCALE: 1" = 30'

GENERAL NOTES

A	REFER TO SHEET CT108 FOR JOINTING PLAN.
B	ADD 500 TO ELEVATIONS FOR FINAL ELEVATIONS.
C	REFER TO CIVIL FUELING CROWN DETAIL C3 ON CF501 FOR GRADING ELEVATIONS PURPOSES.

LEGEND

- XX.XX — ELEVATION DATA POINT
- ASPHALT SHOULDER, RE: C2/CS501
- 7' HIGH SECURITY FENCE, RE: C1/CS505
- LIMITS OF DISTURBANCE



AREA 6
KEY PLAN

GRAPHIC SCALE
0 15' 30' 60'
SCALE: 1"=30'

NORTH ARROW
TRUE N

NAVFAC

STATE OF TEXAS
ANDREW T. MCCOY
96627
LICENSED PROFESSIONAL ENGINEER
1/20/2026
TEXAS REGISTERED ENGINEERING FIRM F-3566 SEAL

Jacobs / BURNS & McDONNELL
JACOBS/B&M, A JOINT VENTURE
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VA 22201
A/E Contract No. N62742-20-D-0002
A/E Task Order No. N62742-21F0315
JCG NO. 03430603
A/E INFO

APPROVED
FOR COMMANDER NAVFAC DATE 02/02/2026

ACTIVITY
AFIMSC APPROVAL PER NAVFAC SAT-TO CHECKLIST

SATISFACTORY TO DATE 31 DEC 2025

DES: JMH	DRW: SMC	REV: ATM
PM/DM		KKK
BRANCH MANAGER		SMK
CHIEF ENG/ARCH		SMK
FIRE PROTECTION		RO

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVFAC PACIFIC
ANDERSEN AIR FORCE BASE
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND – PACIFIC
JOINT REGION MARIANAS (JRM)
GUAM

FY24 AUY183012 (P-012),
PDI: NORTH AIRCRAFT PARKING RAMP

JOINT ELEVATION PLAN - AREA 6

SCALE: AS SHOWN
EPROJECTS NO.: 1665555
CONSTR CONTROL NO.
NAVFAC DRAWING NO. 17361793
SHEET 170 OF 377

CT109

REDESIGN FINAL SUBMITTAL

IF SHEET IS LESS THAN 22" X 34" REDUCED PRINT. USE GRAPHIC SCALES

FILE NAME: U:\BLDG\NAVFAC Pacific\D3430603 – P-012 North Aircraft Parking Ramp\700 Working Documents\740 Sheets\740.01 Civil\P012_1665555_CT109.dwg
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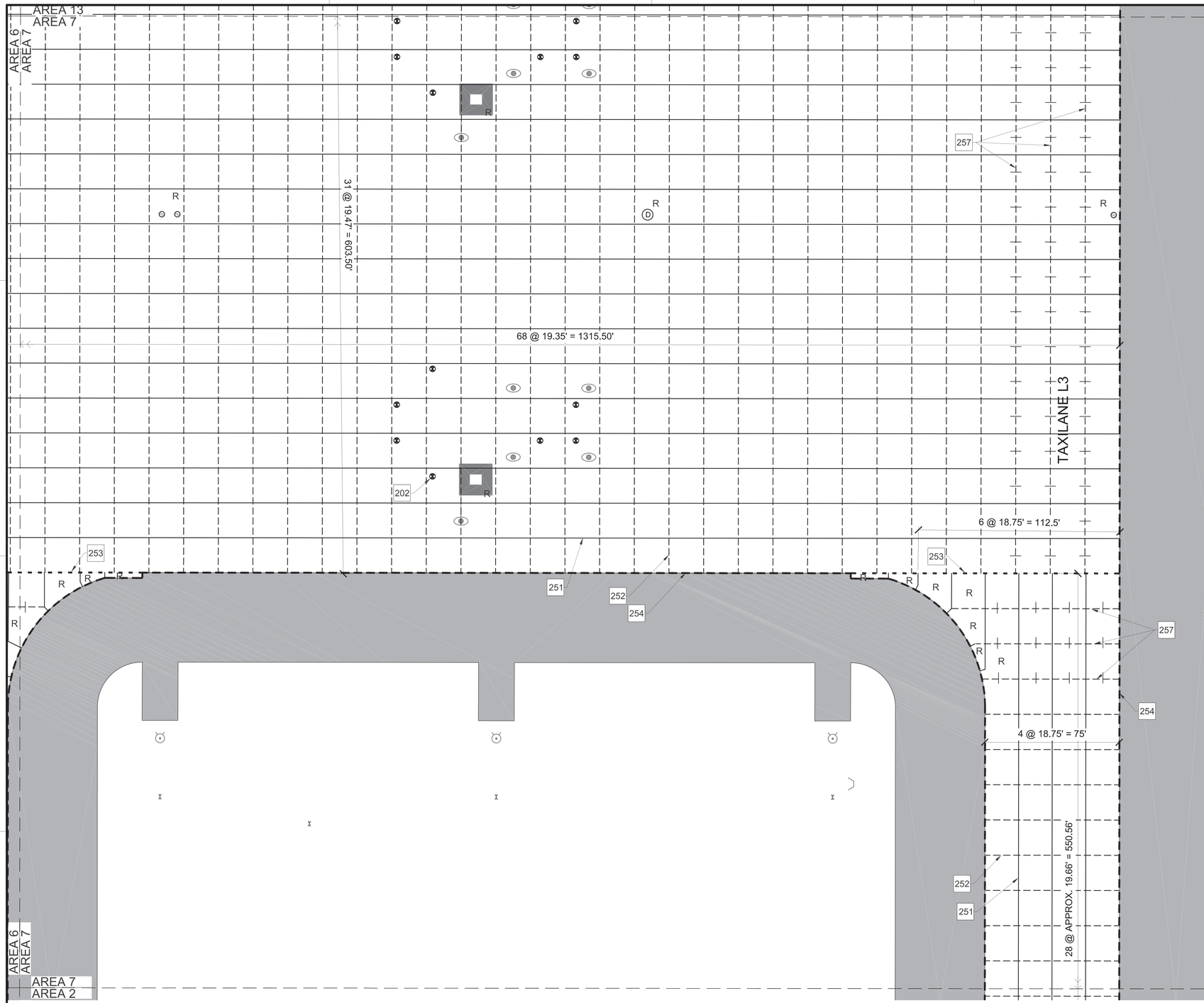
USER: Cameros



A1 JOINTING PLAN - AREA 7
SCALE: 1" = 30'

GENERAL NOTES

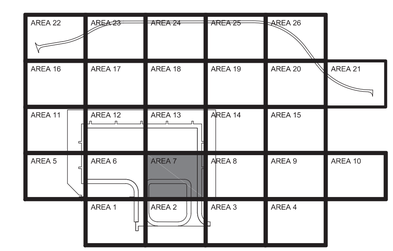
A	HYDRANT FUEL PITS MUST BE INSTALLED WITH THICKENED EDGE EXPANSION JOINTS (TYP) RE: C2/CS502
B	REFER TO SHEET CS501 AND CS502 FOR JOINT DETAILS
C	REFER TO SHEET CF101 FOR HYDRANT PIT NUMBERING
D	NO CHANGES IN THE JOINTING PATTERN WILL BE MADE WITHOUT WRITTEN APPROVAL OF THE DESIGN ENGINEER

KEYNOTES

202	AIRCRAFT TIEDOWN, RE: A1/CS504
251	DOWELED CONSTRUCTION JOINT (TYPICAL) RE: C1/CS502
252	SAWED CONTRACTION JOINT (TYPICAL) RE: D5/CS502
253	THICKENED EDGE EXPANSION JOINT RE: C2/CS502
254	NEW CONCRETE PAVEMENT TO NEW ASPHALT PAVEMENT JOINT, RE: B1/CS501
257	DOWELED CONTRACTION JOINT, RE: C3/CS502

LEGEND

- ASPHALT SHOULDER, RE: C2/CS501
- DOWELED CONSTRUCTION JOINT, RE: C1/CS502
- SAWED CONTRACTION JOINT, RE: D5/CS502
- DOWELED CONTRACTION JOINT, RE: C3/CS502
- THICKENED EDGE EXPANSION JOINT, RE: C2/CS502
- NEW CONCRETE PAVEMENT TO NEW ASPHALT PAVEMENT JOINT, RE: B1/CS501
- R — REINFORCED SLAB, RE: B1/CS502
- AIRCRAFT TIEDOWN, RE: A1/CS504
- FUEL HYDRANT PIT,SEE CF101 FOR HYDRANT PIT NUMBERING AND MARKING, RE: C4/CS504
- STATIC GROUND
- HEADWALL, RE: A2/CG501
- STORM DRAIN MANHOLE, RE: C3/CG502
- FIRE HYDRANT, C1/CU502
- GATE VALVE, RE: C4/CU502



AREA 7
KEY PLAN

GRAPHIC SCALE
0 15' 30' 60'
SCALE: 1"=30'

NORTH ARROW
TRUE N

NAVFAC

STATE OF TEXAS
ANDREW T. MCCOY
96627
LICENSED
PROFESSIONAL ENGINEER
1/20/2026
TEXAS REGISTERED ENGINEERING FIRM F-3966 SEAL

Jacobs / BURNS & McDONNELL
JACOBS/B&M, A JOINT VENTURE
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VA 22201
A/E Contract No. N62742-20-D-0002
A/E Task Order No. N62742219103 15
JCG NO. 03430603
A/E INFO

APPROVED
FOR COMMANDER NAVFAC DATE 02/02/2026

ACTIVITY
AFIMSC APPROVAL PER NAVFAC SAT-TO CHECKLIST

SATISFACTORY TO DATE 31 DEC 2025

DES: JMH	DRW: SMC	REV:	ATM
PM/DM			KKK
BRANCH MANAGER			SMK
CHIEF ENG/ARCH			SMK
FIRE PROTECTION			RO

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVFAC PACIFIC
ANDERSEN AIR FORCE BASE
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND – PACIFIC
JOINT REGION MARIANAS (JRM)
GUAM

FY24 AUY183012 (P-012)
PDI: NORTH AIRCRAFT PARKING RAMP

JOINTING PLAN - AREA 7

SCALE: AS SHOWN
EPROJECTS NO.: 1665555
CONSTR CONTROL NO.
NAVFAC DRAWING NO. 17361794
SHEET 171 OF 377

CT110

REDESIGN FINAL SUBMITTAL

IF SHEET IS LESS THAN 22" X 34" REDUCED PRINT. USE GRAPHIC SCALES

FILE NAME: U:\BLDG\NAVFAC Pacific\03430603 – P-012 North Aircraft Parking Ramp\700 Working Documents\740 Sheets\740.01 Civil\P012_1665555_CT110.dwg
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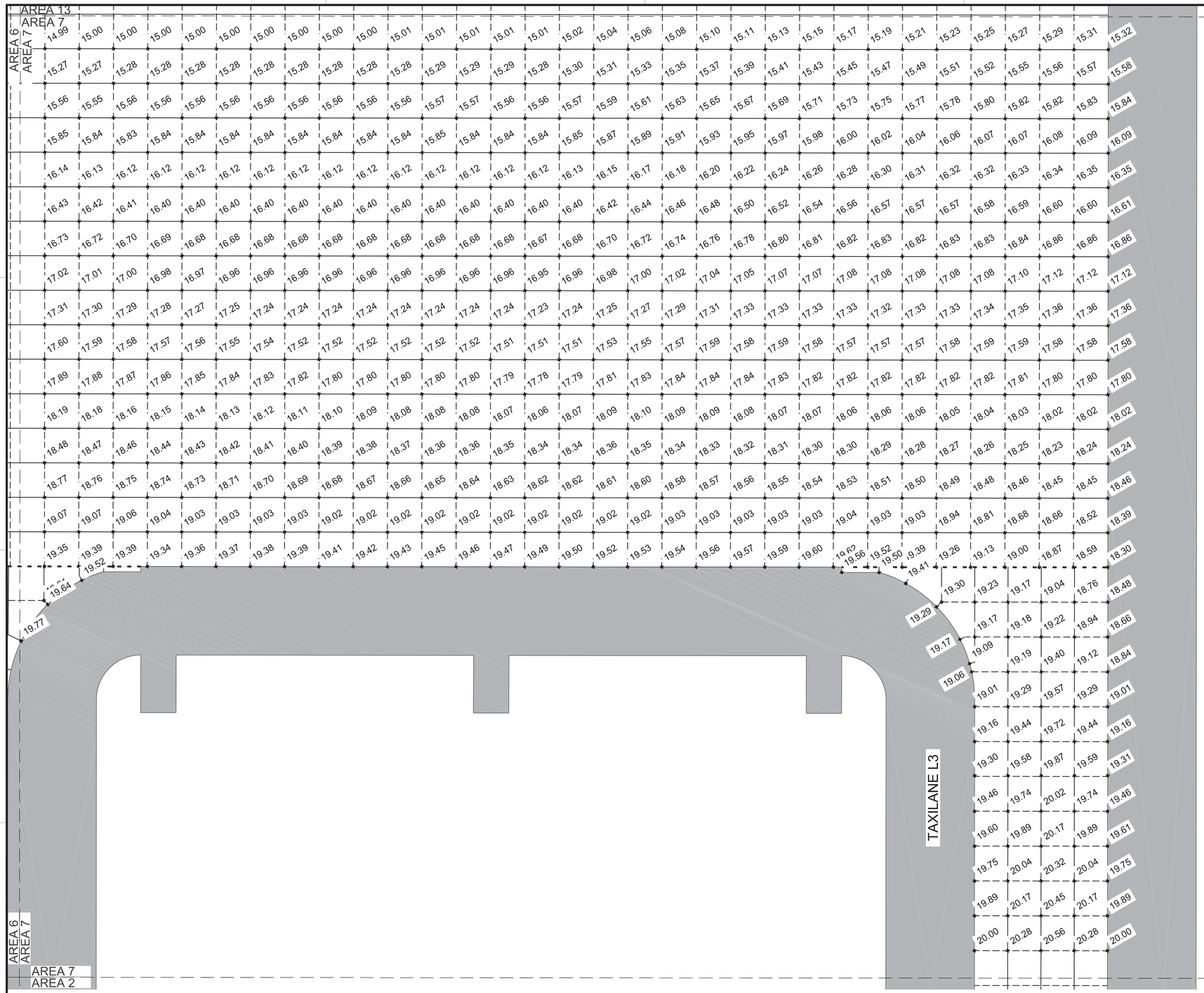
PLOTTED: 01/12/2026 11:25pm
USER: CamaroS



A1 JOINT ELEVATION PLAN - AREA 7
SCALE: 1" = 30'

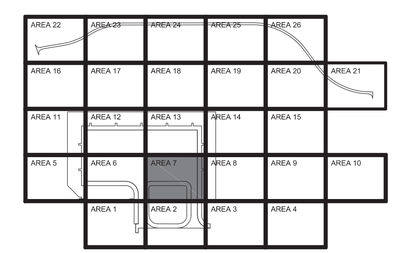
GENERAL NOTES

A	REFER TO SHEET CT110 FOR JOINTING PLAN.
B	ADD 500 TO ELEVATIONS FOR FINAL ELEVATIONS.
C	REFER TO CIVIL FUELING CROWN DETAIL C3 ON CF501 FOR GRADING ELEVATIONS PURPOSES.

LEGEND

XX.XX — ELEVATION DATA POINT

ASPHALT SHOULDER, RE: C2/CS501



AREA 7
KEY PLAN

GRAPHIC SCALE
0 15' 30' 60'
SCALE: 1"=30'

NORTH ARROW
TRUE N

NAVFAC

STATE OF TEXAS
ANDREW T. MCCOY
96627
LICENSED
PROFESSIONAL ENGINEER
1/20/2026
TEXAS REGISTERED ENGINEERING FIRM F-3566 SEAL

Jacobs / BURNS McDONNELL
JACOBS/B&M, A JOINT VENTURE
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VA 22201

A/E Contract No. N62742-20-D-0002
A/E Task Order No. N62742219 0315
JCG NO. 0343603
A/E INFO

APPROVED
FOR COMMANDER NAVFAC DATE 02/02/2026

ACTIVITY
AFIMSC APPROVAL PER NAVFAC SAT-TO CHECKLIST

SATISFACTORY TO DATE 31 DEC 2025

DES:	JMH	DRW: SMC	REV: ATM
PM/DM			KKK
BRANCH MANAGER			SMK
CHIEF ENG/ARCH			SMK
FIRE PROTECTION			RO

DEPARTMENT OF THE NAVY
NAVFAC PACIFIC
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND – PACIFIC
JOINT REGION MARIANAS (JRM)
ANDERSEN AIR FORCE BASE
GUAM

FY24 AJJY183012 (P-012),
PDI: NORTH AIRCRAFT PARKING RAMP

JOINT ELEVATION PLAN - AREA 7

SCALE: AS SHOWN
EPROJECTS NO.: 1665555
CONSTR CONTROL NO.
NAVFAC DRAWING NO. 17361795
SHEET 172 OF 377

CT111

REDESIGN FINAL SUBMITTAL

IF SHEET IS LESS THAN 22" X 34"
REDUCED PRINT. USE GRAPHIC SCALES

FILE NAME: U:\BLDG\NAVFAC Pacific\D3430603 – P-012 North Aircraft Parking Ramp\700 Working Documents\740 Sheets\740.01 Civil\P012_1665555_CT111.dwg
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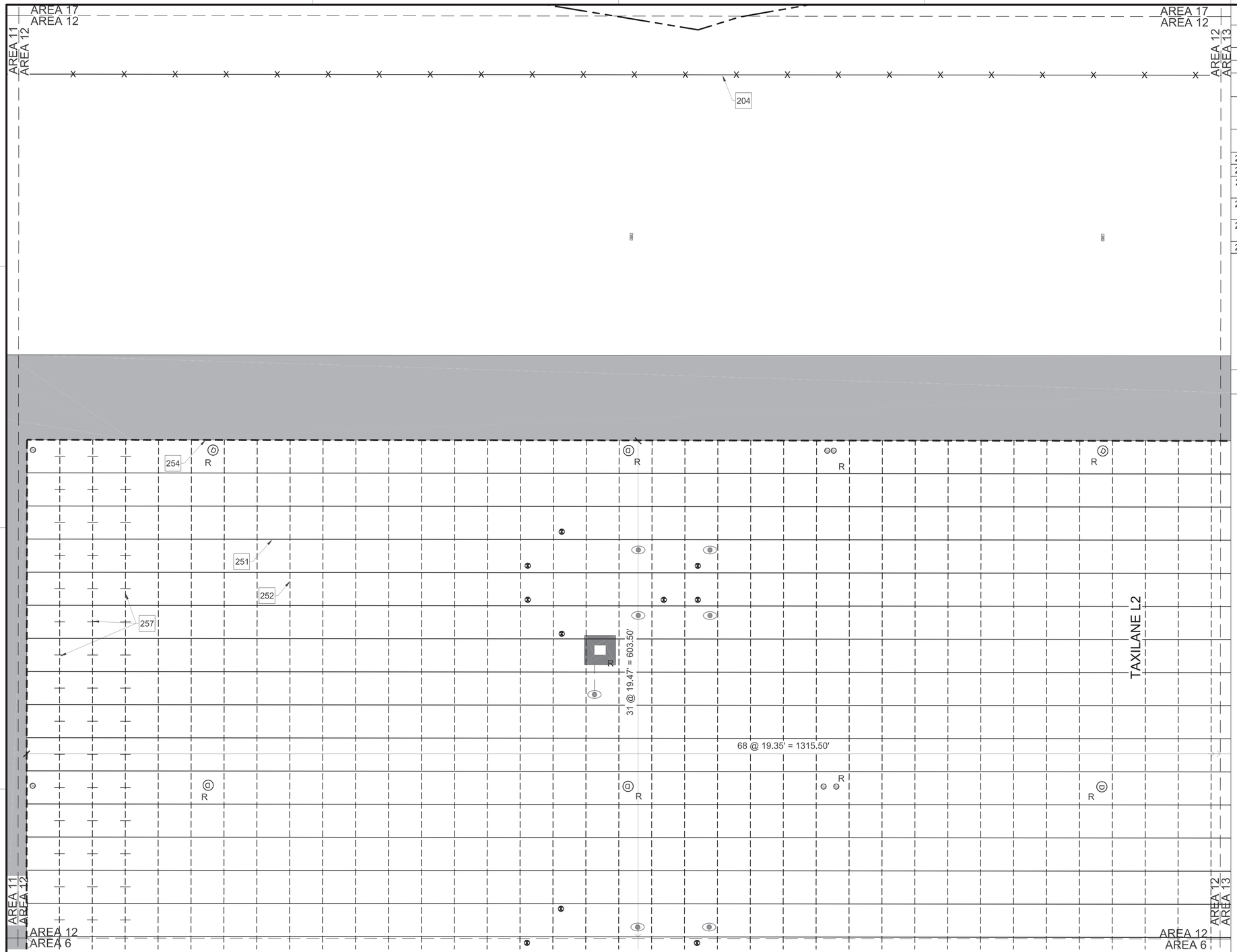
USER: CamersS



A1 JOINTING PLAN - AREA 12
SCALE: 1" = 30'

GENERAL NOTES

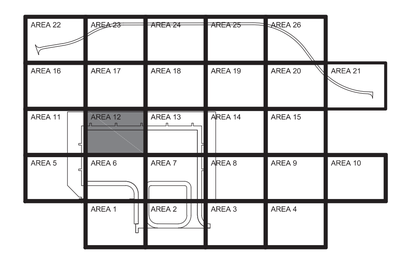
A	HYDRANT FUEL PITS MUST BE INSTALLED WITH THICKENED EDGE EXPANSION JOINTS (TYP) RE: C2/CS502
B	REFER TO SHEET CS501 AND CS502 FOR JOINT DETAILS
C	REFER TO SHEET CF101 FOR HYDRANT PIT NUMBERING
D	NO CHANGES IN THE JOINTING PATTERN WILL BE MADE WITHOUT WRITTEN APPROVAL OF THE DESIGN ENGINEER

KEYNOTES

202	AIRCRAFT TIEDOWN, RE: A1/CS504
204	7' HIGH SECURITY FENCE, RE: C1/CS505
251	DOWELED CONSTRUCTION JOINT (TYPICAL) RE: C1/CS502
252	SAWED CONTRACTION JOINT (TYPICAL) RE: D5/CS502
254	NEW CONCRETE PAVEMENT TO NEW ASPHALT PAVEMENT JOINT, RE: B1/CS501
257	DOWELED CONTRACTION JOINT, RE: C3/CS502

LEGEND

- ASPHALT SHOULDER, RE: C2/CS501
- DOWELED CONSTRUCTION JOINT, RE: C1/CS502
- SAWED CONTRACTION JOINT, RE: D5/CS502
- DOWELED CONTRACTION JOINT, RE: C3/CS502
- NEW CONCRETE PAVEMENT TO NEW ASPHALT PAVEMENT JOINT, RE: B1/CS501
- 7' HIGH SECURITY FENCE, RE: C1/CS505
- AIRCRAFT TIEDOWN, RE: A1/CS504
- STATIC GROUND
- R — REINFORCED SLAB, RE: B1/CS502
- HEADWALL, RE: A2/CG501
- D — STORM DRAIN MANHOLE, RE: C3/CG502
- STORM DRAIN CLEANOUT, RE: C4/CG503



AREA 12
KEY PLAN

GRAPHIC SCALE
0 15' 30' 60'
SCALE: 1"=30'

NORTH ARROW
TRUE N

NAVFAC

STATE OF TEXAS
ANDREW T. MCCOY
96627
LICENSED
PROFESSIONAL ENGINEER
1/20/2026
TEXAS REGISTERED ENGINEERING FIRM F-3066 SEAL

Jacobs / BURNS McDONNELL
JACOBS/B&M, A JOINT VENTURE
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VA 22201
A/E Contract No. N62742-20-D-0002
A/E Task Order No. N62742-21F0315
JCG NO. 03430603
A/E INFO

APPROVED
FOR COMMANDER NAVFAC DATE 02/02/2026

ACTIVITY
AFI/MSC APPROVAL PER NAVFAC SAT-TO CHECKLIST

SATISFACTORY TO DATE 31 DEC 2025

DES:	JMH	DRW:	SMC	REV:	ATM
PM/DM					KKK
BRANCH MANAGER					SMK
CHIEF ENG/ARCH					SMK
FIRE PROTECTION					RO

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVFAC PACIFIC
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND – PACIFIC
JOINT REGION MARIANAS (JRM)
ANDERSEN AIR FORCE BASE
GUAM

FY24 AJJY183012 (P-012),
PDI: NORTH AIRCRAFT PARKING RAMP

JOINTING PLAN - AREA 12

SCALE: AS SHOWN
EPROJECTS NO.: 1665555
CONSTR CONTROL NO.
NAVFAC DRAWING NO. 17361796
SHEET 173 OF 377

CT112

REDESIGN FINAL SUBMITTAL

IF SHEET IS LESS THAN 22" X 34" REDUCED PRINT. USE GRAPHIC SCALES

FILE NAME: U:\BLDG\NAVFAC Pacific\03430603 – P-012 North Aircraft Parking Ramp\700 Working Documents\740 Sheets\740.01 Civil\P012_1665555_CT112.dwg
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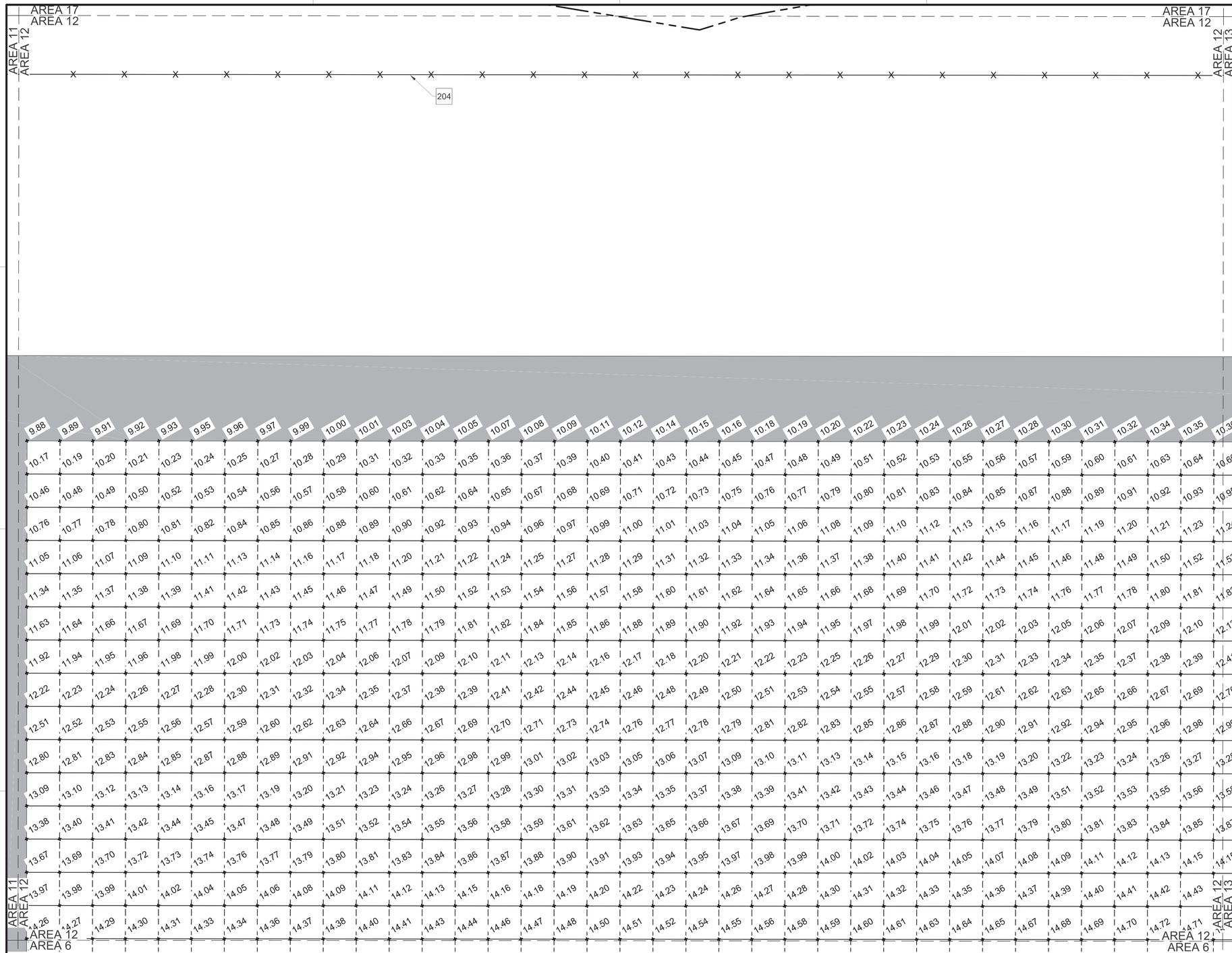
PLOTTED: 01/12/2026 11:29pm
USER: CamersS



A1 JOINT ELEVATION PLAN - AREA 12
SCALE: 1" = 30'

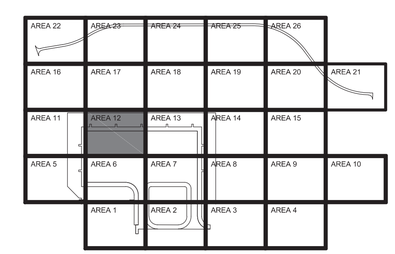
GENERAL NOTES

A	REFER TO SHEET CT112 FOR JOINTING PLAN.
B	ADD 500 TO ELEVATIONS FOR FINAL ELEVATIONS.
C	REFER TO CIVIL FUELING CROWN DETAIL C3 ON CF501 FOR GRADING ELEVATIONS PURPOSES.

LEGEND

ELEVATION DATA POINT

ASPHALT SHOULDER, RE: C2/CS501



AREA 12
KEY PLAN

GRAPHIC SCALE
0 15' 30' 60'
SCALE: 1"=30'

NORTH ARROW
TRUE N

NAVFAC

STATE OF TEXAS
ANDREW T. MCCOY
96627
LICENSED PROFESSIONAL ENGINEER
1/20/2026
TEXAS REGISTERED ENGINEERING FIRM F-3966 SEAL

Jacobs / BURNS & McDONNELL
JACOBS/B&M, A JOINT VENTURE
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VA 22201

A/E Contract No. N62742-20-D-0002
A/E Task Order No. N62742219 0315
JCG NO. 0343603
A/E INFO

APPROVED
FOR COMMANDER NAVFAC DATE 02/02/2026

ACTIVITY
AFIMSC APPROVAL PER NAVFAC SAT-TO CHECKLIST

SATISFACTORY TO DATE 31 DEC 2025

DES: JMH DRW: SMC REV: ATM	
PM/DM	KKK
BRANCH MANAGER	SMK
CHIEF ENG/ARCH	SMK
FIRE PROTECTION	RO

DEPARTMENT OF THE NAVY
NAVFAC PACIFIC
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ PACIFIC
JOINT REGION MARIANAS (JRM)
ANDERSEN AIR FORCE BASE
GUAM

FY24 AJJY183012 (P-012),
PDI: NORTH AIRCRAFT PARKING RAMP

JOINT ELEVATION PLAN - AREA 12

SCALE: AS SHOWN
EPROJECTS NO.: 1665555
CONSTR CONTROL NO.
NAVFAC DRAWING NO. 17361797
SHEET 174 OF 377

CT113

REDESIGN FINAL SUBMITTAL

IF SHEET IS LESS THAN 22" X 34"
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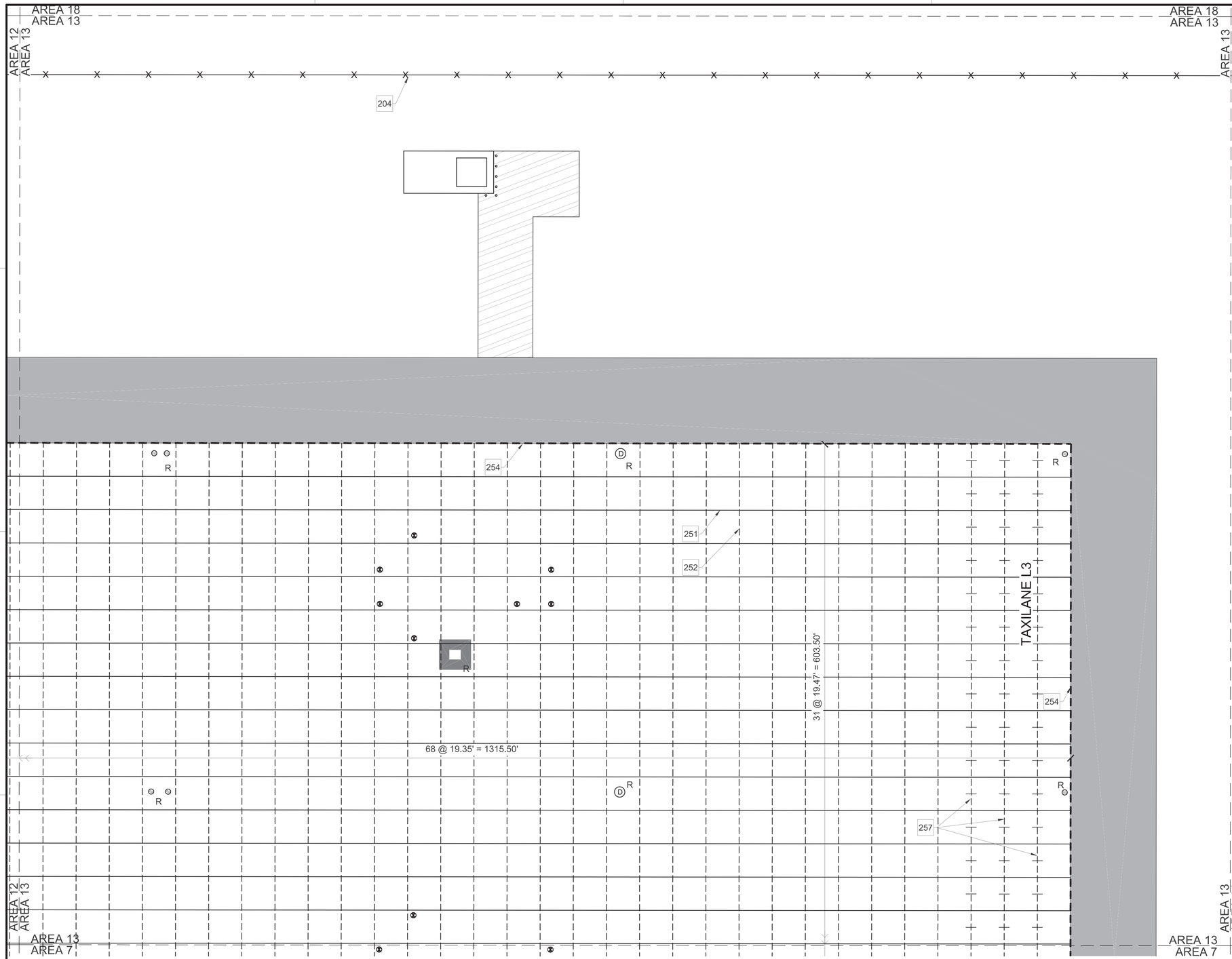
FILE NAME: U:\BLDG\NAVFAC Pacific\D3430603 - P-012 North Aircraft Parking Ramp\700 Working Documents\740 Sheets\740.01 Civil\P012_1665555_CT113.dwg
LAYOUT NAME: JOINT ELEVATION PLAN - AREA 12
PLOTTED: 01/12/2026 11:32pm
USER: CamerS



A1 JOINTING PLAN - AREA 13
SCALE: 1" = 30'

GENERAL NOTES

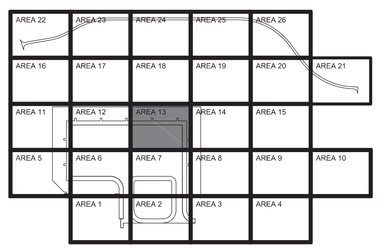
A	HYDRANT FUEL PITS MUST BE INSTALLED WITH THICKENED EDGE EXPANSION JOINTS (TYP) RE: C2/CS502
B	REFER TO SHEET CS501 AND CS502 FOR JOINT DETAILS
C	REFER TO SHEET CF101 FOR HYDRANT PIT NUMBERING
D	NO CHANGES IN THE JOINTING PATTERN WILL BE MADE WITHOUT WRITTEN APPROVAL OF THE DESIGN ENGINEER

KEYNOTES

204	7' HIGH SECURITY FENCE, RE: C1/CS505
251	DOWELED CONSTRUCTION JOINT (TYPICAL) RE: C1/CS502
252	SAWED CONTRACTION JOINT (TYPICAL) RE: D5/CS502
254	NEW CONCRETE PAVEMENT TO NEW ASPHALT PAVEMENT JOINT, RE: B1/CS501
257	DOWELED CONTRACTION JOINT, RE: C3/CS502

LEGEND

- ASPHALT SHOULDER, RE: C2/CS501
- DOWELED CONSTRUCTION JOINT, RE: C1/CS502
- SAWED CONTRACTION JOINT, RE: D5/CS502
- DOWELED CONTRACTION JOINT, RE: C3/CS502
- NEW CONCRETE PAVEMENT TO NEW ASPHALT PAVEMENT JOINT, RE: B1/CS501
- 7' HIGH SECURITY FENCE, RE: C1/CS505
- AIRCRAFT TIEDOWN, RE: A1/CS504
- FUEL HYDRANT PIT,SEE CF101 FOR HYDRANT PIT NUMBERING AND MARKING, RE: C4/CS504
- STORM DRAIN MANHOLE, RE: C3/CG502
- STORM DRAIN CLEANOUT, RE: C4/CG503



AREA 13
KEY PLAN

GRAPHIC SCALE
0 15' 30' 60'
SCALE: 1"=30'

NORTH ARROW
TRUE N

IF SHEET IS LESS THAN 22" X 34" REDUCED PRINT. USE GRAPHIC SCALES

STATE OF TEXAS
ANDREW T. MCCOY
96627
LICENSED PROFESSIONAL ENGINEER
1/20/2026
TEXAS REGISTERED ENGINEERING FIRM F-3966 SEAL

Jacobs / BURNS McDONNELL
JACOBS/B&M, A JOINT VENTURE
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VA 22201
A/E Contract No. N62742-20-D-0002
A/E Task Order No. N62742-21F0315
JCG NO. 03430603
A/E INFO

APPROVED
FOR COMMANDER NAVFAC DATE 02/02/2026

ACTIVITY
AFIMSC APPROVAL PER NAVFAC SAT-TO CHECKLIST
SATISFACTORY TO DATE 31 DEC 2025

DES: JMH	DRW: SMC	REV: ATM
PM/DM		KKK
BRANCH MANAGER		SMK
CHIEF ENG/ARCH		SMK
FIRE PROTECTION		RO

DEPARTMENT OF THE NAVY
NAVFAC PACIFIC
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND – PACIFIC
JOINT REGION MARIANAS (JRM)
ANDERSEN AIR FORCE BASE
GUAM

FY24 AJJY183012 (P-012)
PDI: NORTH AIRCRAFT PARKING RAMP
JOINTING PLAN - AREA 13

SCALE: AS SHOWN
EPROJECTS NO.: 1665555
CONSTR CONTROL NO.
NAVFAC DRAWING NO. 17361798
SHEET 175 OF 377
CT114

REDESIGN FINAL SUBMITTAL

FILE NAME: U:\BLDG\NAVFAC Pacific\03430603 – P-012 North Aircraft Parking Ramp\700 Working Documents\740 Sheets\740.01 Civil\P012_1665555_CT114.dwg
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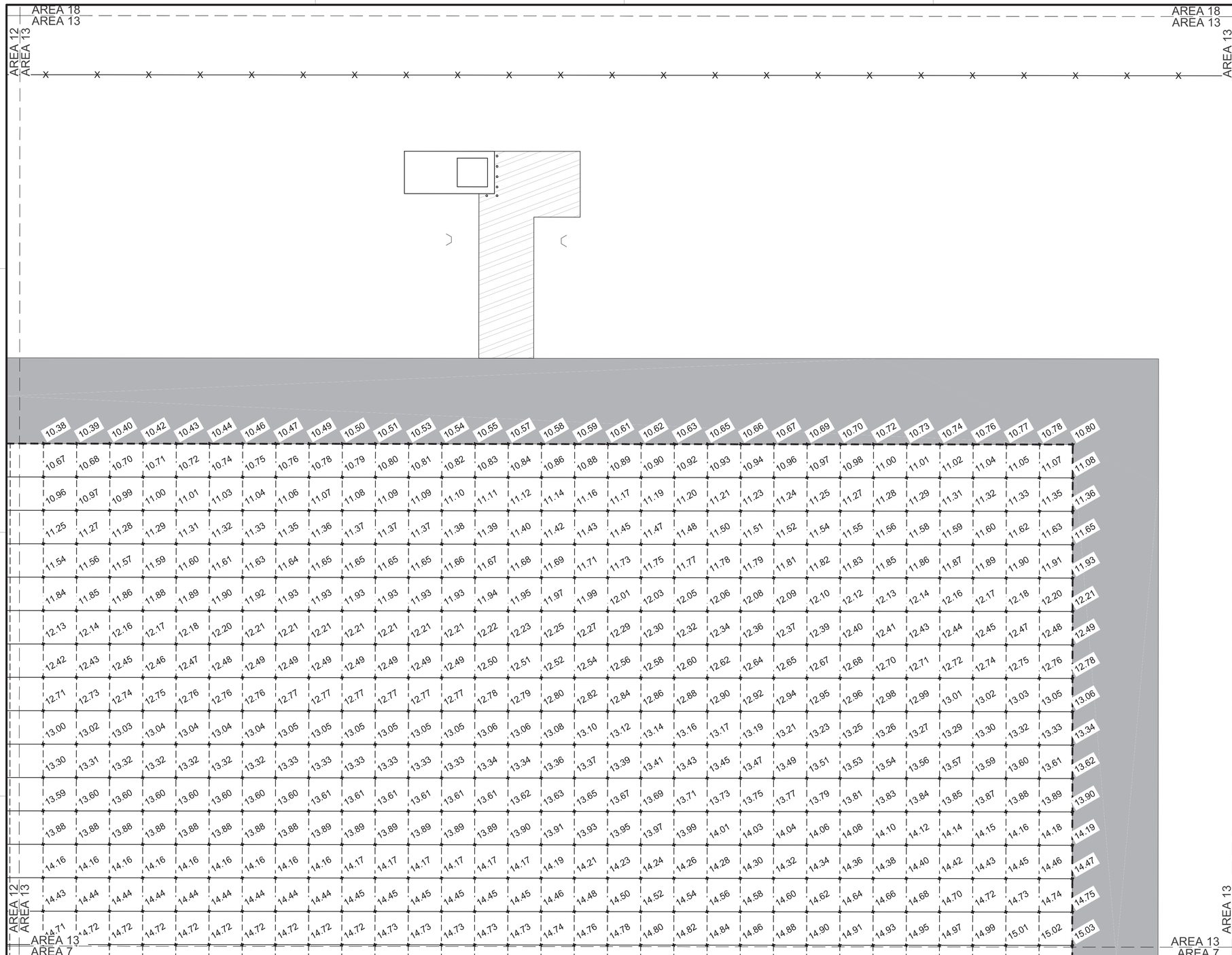
PLOTTED: 01/12/2026 11:33pm
USER: CamaroS



A1 JOINT ELEVATION PLAN - AREA 13
SCALE: 1" = 30'

GENERAL NOTES

A	REFER TO SHEET CT114 FOR JOINTING PLAN.
B	ADD 500 TO ELEVATIONS FOR FINAL ELEVATIONS.
C	REFER TO CIVIL FUELING CROWN DETAIL C3 ON CF501 FOR GRADING ELEVATIONS PURPOSES.

KEYNOTES

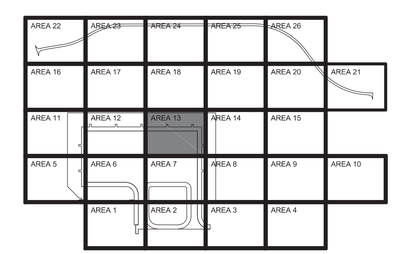
204	7' HIGH SECURITY FENCE, RE: C1/CS505

LEGEND

ELEVATION DATA POINT

ASPHALT SHOULDER, RE: C2/CS501

7' HIGH SECURITY FENCE, RE: C1/CS505



AREA 13
KEY PLAN

GRAPHIC SCALE
0 15' 30' 60'
SCALE: 1"=30'

NORTH ARROW
TRUE N

NAVFAC

STATE OF TEXAS
ANDREW T. MCCOY
96627
LICENSED
PROFESSIONAL ENGINEER
1/20/2026
TEXAS REGISTERED ENGINEERING FIRM F-3566 SEAL

Jacobs / BURNS McDONNELL
JACOBS/B&M, A JOINT VENTURE
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VA 22201

A/E Contract No. N62742-20-D-0002
A/E Task Order No. N62742219310 15
JCG NO. 03430603
A/E INFO

APPROVED
FOR COMMANDER NAVFAC DATE 02/02/2026

ACTIVITY
AFI/MSC APPROVAL PER NAVFAC SAT-TO CHECKLIST

SATISFACTORY TO DATE 31 DEC 2025

DES:	JMH	DRW: SMC	REV: ATM
PM/DM			KKK
BRANCH MANAGER			SMK
CHIEF ENG/ARCH			SMK
FIRE PROTECTION			RO

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVFAC PACIFIC
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND – PACIFIC
JOINT REGION MARIANAS (JRM)
ANDERSEN AIR FORCE BASE
GUAM

FY24 AJJY183012 (P-012),
PDI: NORTH AIRCRAFT PARKING RAMP

JOINT ELEVATION PLAN - AREA 13

SCALE: AS SHOWN
EPROJECTS NO.: 1665555
CONSTR CONTROL NO.
NAVFAC DRAWING NO. 17361799
SHEET 176 OF 377

CT115

REDESIGN FINAL SUBMITTAL

IF SHEET IS LESS THAN 22" X 34"
REDUCED PRINT. USE GRAPHIC SCALES

FILE NAME: U:\BLDG\NAVFAC Pacific\03430603 – P-012 North Aircraft Parking Ramp\700 Working Documents\740 Sheets\740.01 Civil\P012_1665555_CT115.dwg
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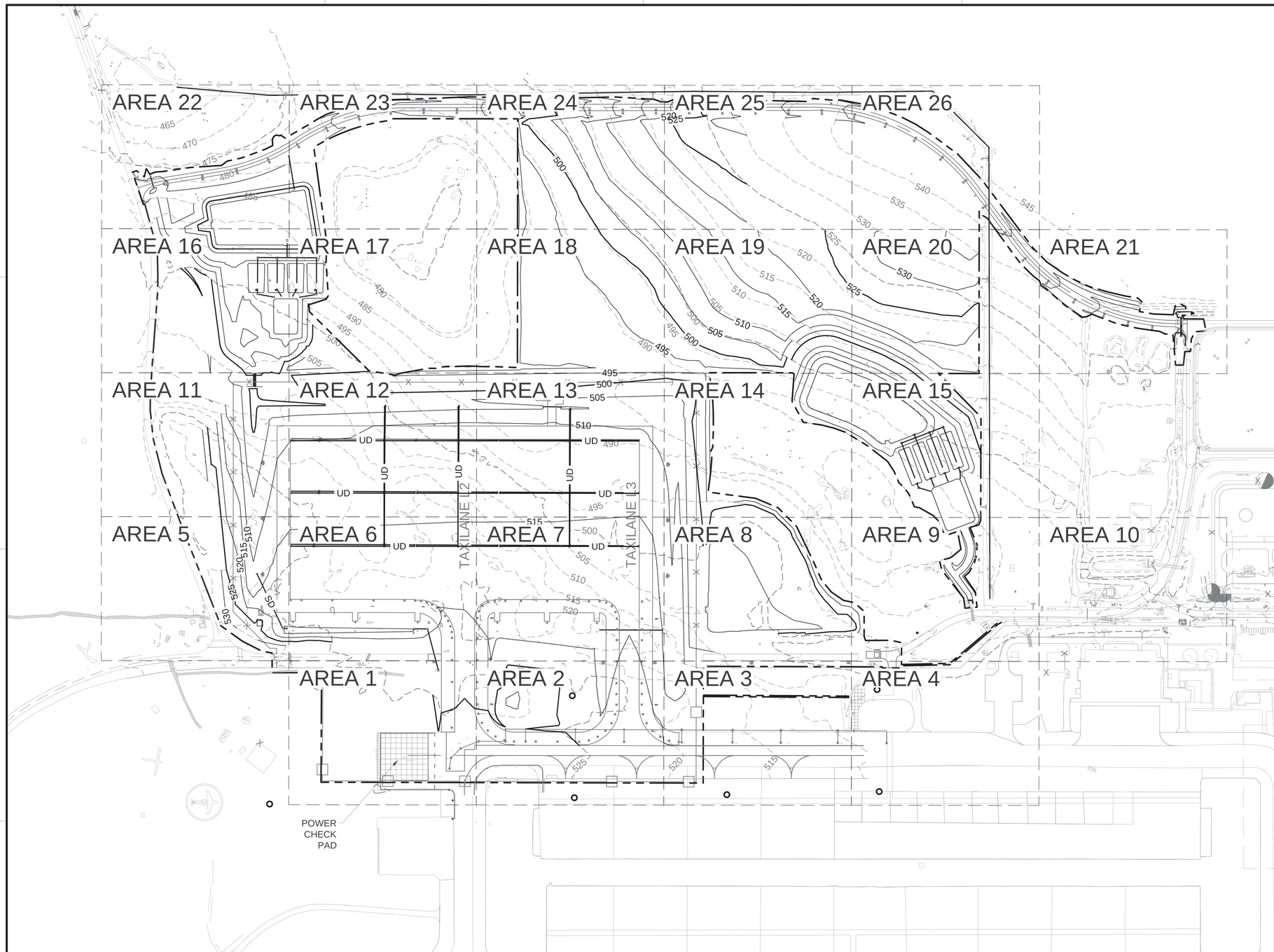
PLOTTED: 01/12/2026 11:36pm
USER: CamvaS



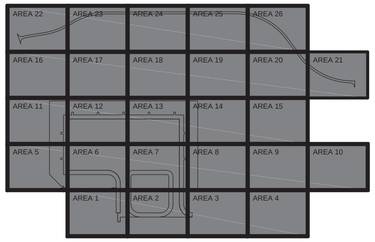
A1 OVERALL GRADING AND DRAINAGE PLAN
SCALE: 1" = 200'

GENERAL NOTES

A	CONTOURS ARE AT 5' INTERVALS
B	ADJUST NEW AND EXISTING UTILITY COVERS TO NEW GRADE
C	REFER TO SHEET C-001 FOR HORIZONTAL AND VERTICAL CONTROL DATUM.
D	EXCAVATED SOIL WILL BE STOCKPILED ON SITE IN THE NORTHEAST CORNER AND NORTHWEST CORNER OF THE SITE. REFER TO SHEET GI001 FOR RECOMMENDED STOCKPILE AREAS.
E	REFER TO DETAIL C3/CF501 FOR GRADING AROUND THE HYDRANT OUTLET PITS.

LEGEND

- LIMITS OF DISTURBANCE
- 510 EXISTING MAJOR CONTOUR
- 510 MAJOR CONTOUR
- SD STORM DRAIN
- UD UNDERDRAIN
- EXISTING SECURITY FENCE
- TEMPORARY FENCE (FREE ZONE BOUNDARY)
- EXISTING SINKHOLE



OVERALL
KEY PLAN

GRAPHIC SCALE
0 100' 200' 400'
SCALE: 1"=200'

NORTH ARROW
TRUE N

NAVFAC

STATE OF TEXAS
JENNIFER M. HAYNES
90167
LICENSED
PROFESSIONAL ENGINEER
1/27/2026
TEXAS REGISTERED ENGINEERING FIRM F-2966 SEAL

Jacobs / BURNS McDONNELL
JACOBS/B&M, A JOINT VENTURE
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VA 22201

A/E Contract No. N62742-20-D-0002
A/E Task Order No. N6274221F0315
JCG NO. 03430603
A/E INFO

APPROVED
FOR COMMANDER NAVFAC DATE 02/02/2026

ACTIVITY
AFIMSC APPROVAL PER NAVFAC SAT-TO CHECKLIST

SATISFACTORY TO DATE 31 DEC 2025

DES:	JMH	DRW:	SMC	REV:	ATM
PM/DM					KKK
BRANCH MANAGER					SMK
CHIEF ENG/ARCH					SMK
FIRE PROTECTION					RO

DEPARTMENT OF THE NAVY
NAVFAC PACIFIC
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND – PACIFIC
JOINT REGION MARIANAS (JRM)
ANDERSEN AIR FORCE BASE
GUAM

FY24 AUY183012 (P-012),
PDI: NORTH AIRCRAFT PARKING RAMP

OVERALL GRADING AND DRAINAGE PLAN

SCALE: AS SHOWN
EPROJECTS NO.: 1665555
CONSTR CONTROL NO.
NAVFAC DRAWING NO. 17361800
SHEET 177 OF 377

CG101

REDESIGN FINAL SUBMITTAL

FILE NAME: U:\BLDG\NAVFAC Pacific\03430603 – P-012 North Aircraft Parking Ramp\700 Working Documents\740 Sheets\740.01 Civil\P012_1665555_CG101.dwg
LAYOUT NAME: OVERALL GRADING PLAN
PLOTTED: 01/27/2026 11:47pm
USER: CamieroS

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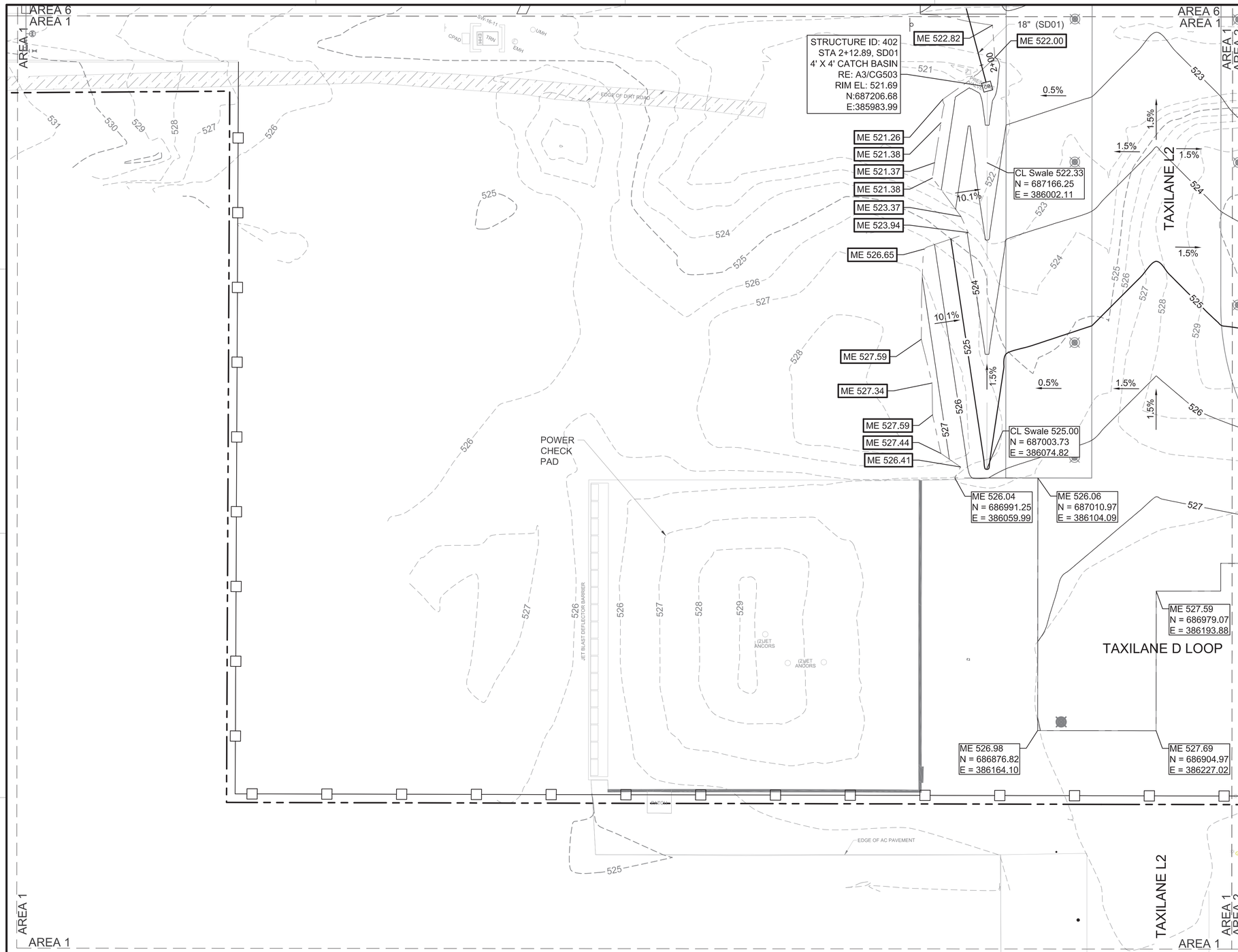


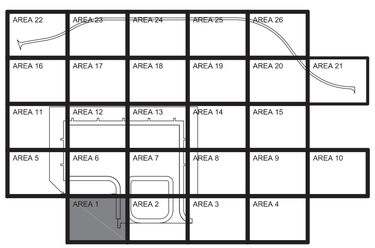
A1 GRADING AND DRAINAGE PLAN - AREA 1
SCALE: 1" = 30'

GENERAL NOTES

A	CONTOURS ARE AT 1' INTERVALS
B	ADJUST NEW AND EXISTING UTILITY COVERS TO NEW GRADE
C	EXCAVATED SOIL WILL BE STOCKPILED ON SITE IN THE NORTHEAST CORNER AND NORTHWEST CORNER OF THE SITE. REFER TO SHEET GI001 FOR RECOMMENDED STOCKPILE AREAS.

LEGEND

- LIMITS OF DISTURBANCE
- LIMITS OF GRADING
- TEMPORARY FENCE (FREE ZONE BOUNDARY), RE: A1/CS506
- 525 EXISTING MAJOR CONTOUR
- 524 EXISTING MINOR CONTOUR
- 524 MINOR CONTOUR
- 525 MAJOR CONTOUR
- CENTERLINE OF SWALE
- CB CATCH BASIN, RE: A3/CG503
- ME MATCH EXISTING ELEVATION
- CL CENTERLINE ELEVATION
- XXX SLOPE (PERCENT)



AREA 1
KEY PLAN

GRAPHIC SCALE
0 15' 30' 60'
SCALE: 1"=30'

NORTH ARROW
TRUE N

NAVFAC

STATE OF TEXAS
JENNIFER M. HAYNES
90167
LICENSED
PROFESSIONAL ENGINEER
1/20/2026
TEXAS REGISTERED ENGINEERING FIRM F-3966 SEAL

Jacobs / BURNS McDONNELL
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1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VA 22201
A/E Contract No. N62742-20-D-0002
A/E Task Order No. N6274221F0315
JCG NO. 03430603
A/E INFO

APPROVED
FOR COMMANDER NAVFAC DATE 02/02/2026

ACTIVITY
AFIMSC APPROVAL PER NAVFAC SAT-TO CHECKLIST

SATISFACTORY TO DATE	31 DEC 2025
DES: JMH DRW: SMC REV:	ATM
PM/OM	KKK
BRANCH MANAGER	SMK
CHIEF ENG/ARCH	SMK
FIRE PROTECTION	RO

DEPARTMENT OF THE NAVY
NAVFAC PACIFIC
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ PACIFIC
JOINT REGION MARIANAS (JRM)
ANDERSEN AIR FORCE BASE
GUAM

FY24 AJJY183012 (P-012)
PDI: NORTH AIRCRAFT PARKING RAMP
GRADING AND DRAINAGE PLAN - AREA 1

SCALE:	AS SHOWN
EPROJECTS NO.:	1665555
CONSTR CONTROL NO.	
NAVFAC DRAWING NO.	17361801
SHEET	178 OF 377

CG102

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FILE NAME: U:\BLDG\NAVFAC Pacific\03430603 - P-012 North Aircraft Parking Ramp\700 Working Documents\740 Sheets\740.01 Civil\P012_1665555_CG102.dwg
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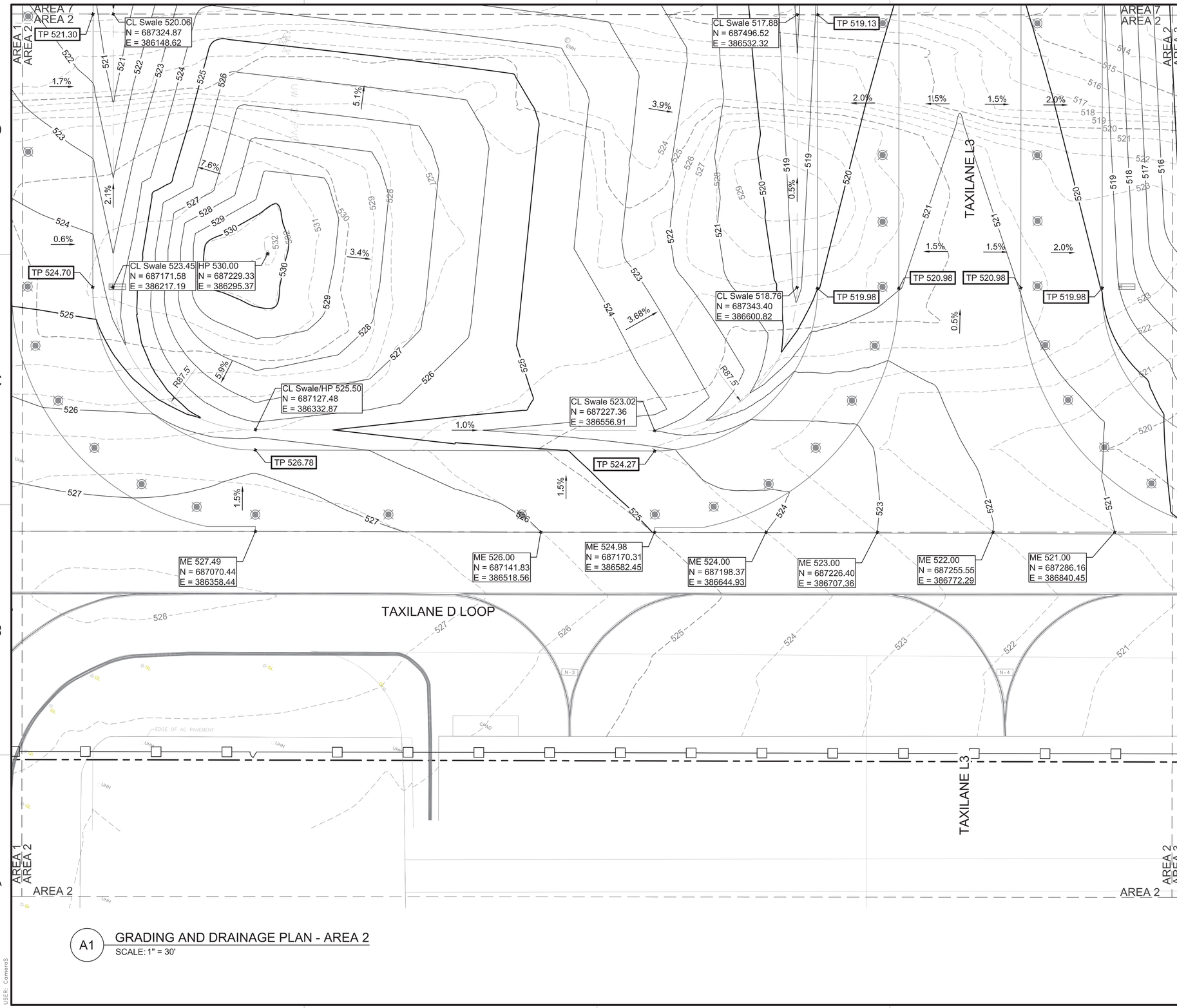
PLOTTED: 01/13/2026 6:35am
USER: CamersS



A1 GRADING AND DRAINAGE PLAN - AREA 2

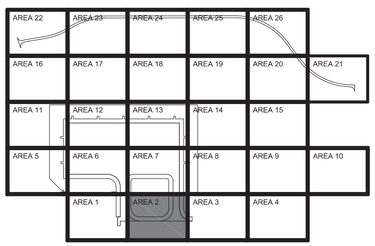
SCALE: 1" = 30'

GENERAL NOTES

A	CONTOURS ARE AT 1' INTERVALS
B	ADJUST NEW AND EXISTING UTILITY COVERS TO NEW GRADE
C	EXCAVATED SOIL WILL BE STOCKPILED ON SITE IN THE NORTHEAST CORNER AND NORTHWEST CORNER OF THE SITE. REFER TO SHEET GI001 FOR RECOMMENDED STOCKPILE AREAS.

LEGEND

	LIMITS OF DISTURBANCE
	LIMITS OF GRADING
	TEMPORARY FENCE (FREE ZONE BOUNDARY), RE: A1/CS506
525	EXISTING MAJOR CONTOUR
524	EXISTING MINOR CONTOUR
524	MINOR CONTOUR
525	MAJOR CONTOUR
	CENTERLINE OF SWALE
TP	TOP OF PAVEMENT ELEVATION
ME	MATCH EXISTING ELEVATION
HP	HIGH POINT ELEVATION
CL	CENTERLINE ELEVATION
XXX	SLOPE (PERCENT)



AREA 2
KEY PLAN

GRAPHIC SCALE

0 15' 30' 60'

SCALE: 1"=30'

NORTH ARROW

TRUE N

IF SHEET IS LESS THAN 22" X 34" REDUCED PRINT. USE GRAPHIC SCALES

STATE OF TEXAS
JENNIFER M. HAYNES
90167
LICENSED PROFESSIONAL ENGINEER
1/20/2026
TEXAS REGISTERED ENGINEERING FIRM F-3966 SEAL

Jacobs / BURNS McDONNELL
JACOBS/B&M, A JOINT VENTURE
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VA 22201

A/E Contract No. N62742-20-D-0002
A/E Task Order No. N62742-21F0315
JCG NO. 03430603
A/E INFO

APPROVED
FOR COMMANDER NAVFAC DATE 02/02/2026

ACTIVITY
AFIMSC APPROVAL PER NAVFAC SAT-TO CHECKLIST

SATISFACTORY TO DATE 31 DEC 2025

DES: JMH	DRW: SMC	REV:	ATM
PM/OM			KKK
BRANCH MANAGER			SMK
CHIEF ENG/ARCH			SMK
FIRE PROTECTION			RO

DEPARTMENT OF THE NAVY
NAVFAC PACIFIC
ANDERSEN AIR FORCE BASE
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ PACIFIC
JOINT REGION MARIANAS (JRM)
GUAM

FY24 AJJY183012 (P-012)
PDI: NORTH AIRCRAFT PARKING RAMP
GRADING AND DRAINAGE PLAN - AREA 2

SCALE: AS SHOWN
EPROJECTS NO.: 1665555
CONSTR CONTROL NO.
NAVFAC DRAWING NO. 17361802
SHEET 179 OF 377

CG103

REDESIGN FINAL SUBMITTAL

FILE NAME: U:\BLDG\NAVFAC Pacific\03430603 - P-012 North Aircraft Parking Ramp\700 Working Documents\740 Sheets\740.01 Civil\P012_1665555_CG103.dwg
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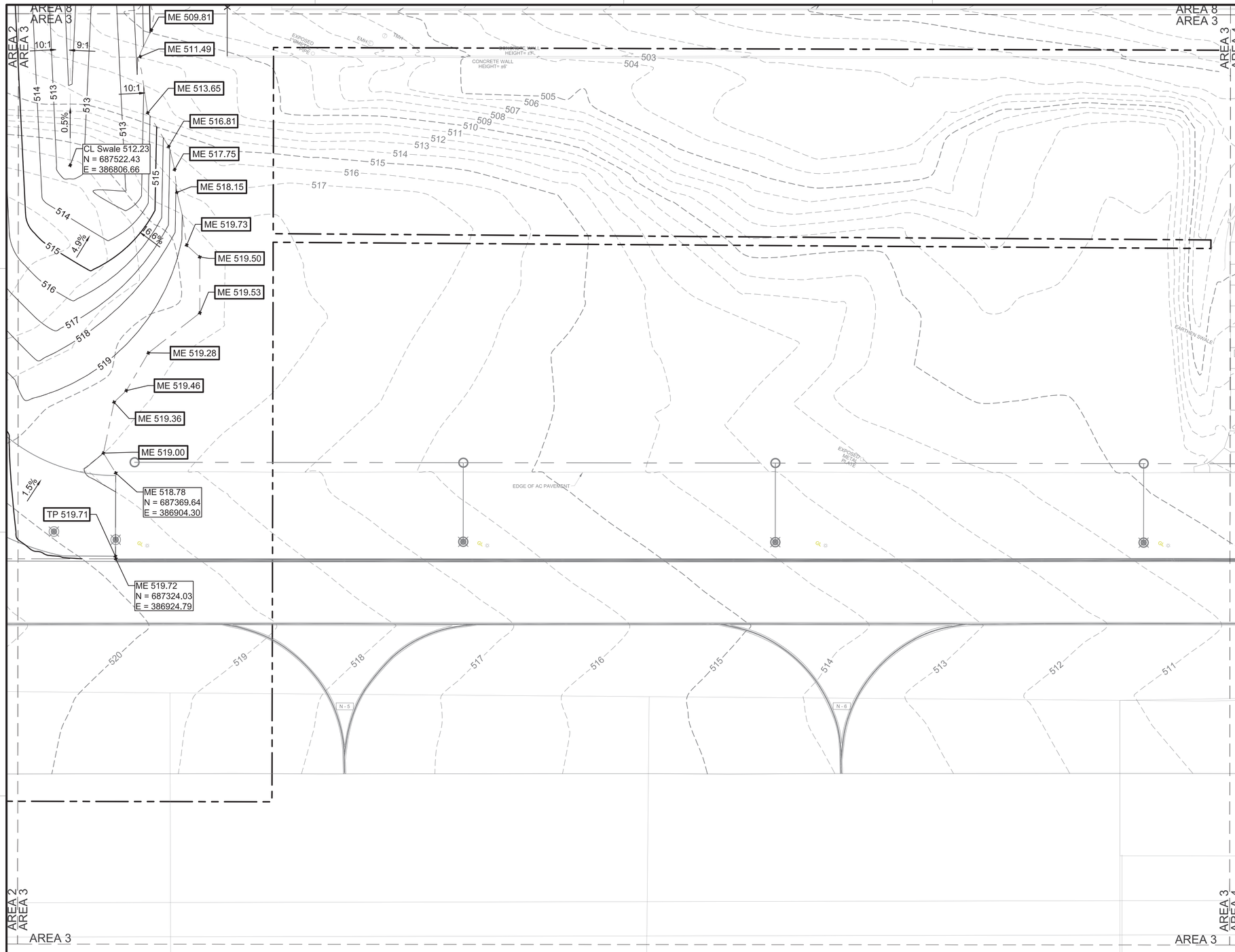
USER: CamersS



A1 GRADING AND DRAINAGE PLAN - AREA 3

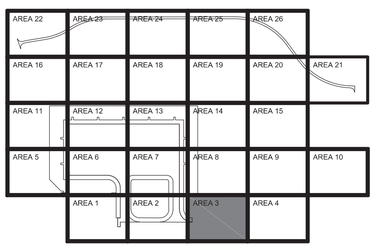
SCALE: 1" = 30'

GENERAL NOTES

A	CONTOURS ARE AT 1' INTERVALS
B	ADJUST NEW AND EXISTING UTILITY COVERS TO NEW GRADE
C	EXCAVATED SOIL WILL BE STOCKPILED ON SITE IN THE NORTHEAST CORNER AND NORTHWEST CORNER OF THE SITE. REFER TO SHEET GI001 FOR RECOMMENDED STOCKPILE AREAS.

LEGEND

	LIMITS OF DISTURBANCE
	LIMITS OF GRADING
	TEMPORARY FENCE (FREE ZONE BOUNDARY), RE: A1/CS506
525	EXISTING MAJOR CONTOUR
524	EXISTING MINOR CONTOUR
524	MINOR CONTOUR
525	MAJOR CONTOUR
	CENTERLINE OF SWALE
TP	TOP OF PAVEMENT ELEVATION
ME	MATCH EXISTING ELEVATION
CL	CENTERLINE ELEVATION
XXX	SLOPE (PERCENT)



AREA 3
KEY PLAN

GRAPHIC SCALE

0 15' 30' 60'

SCALE: 1"=30'

NORTH ARROW

TRUE N

IF SHEET IS LESS THAN 22" X 34" REDUCED PRINT. USE GRAPHIC SCALES

NAVFAC

STATE OF TEXAS
JENNIFER M. HAYNES
90167
LICENSED
PROFESSIONAL ENGINEER
1/20/2026
TEXAS REGISTERED ENGINEERING FIRM F-3966 SEAL

Jacobs / BURNS McDONNELL
JACOBS/B&M, A JOINT VENTURE
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VA 22201

A/E Contract No. N62742-20-D-0002
A/E Task Order No. N6274221F0315
JCG NO. 03430603
A/E INFO

APPROVED
FOR COMMANDER NAVFAC DATE 02/02/2026

ACTIVITY
AFIMSC APPROVAL PER NAVFAC SAT-TO CHECKLIST

SATISFACTORY TO DATE 31 DEC 2025

DES:	JMH	DRW: SMC	REV: ATM
PM/DM			KKK
BRANCH MANAGER			SMK
CHIEF ENG/ARCH			SMK
FIRE PROTECTION			RO

DEPARTMENT OF THE NAVY
NAVFAC PACIFIC
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND – PACIFIC
JOINT REGION MARIANAS (JRM)
ANDERSEN AIR FORCE BASE
GUAM

FY24 AJJY183012 (P-012),
PDI: NORTH AIRCRAFT PARKING RAMP
GRADING AND DRAINAGE PLAN - AREA 3

SCALE: AS SHOWN
EPROJECTS NO.: 1665555
CONSTR CONTROL NO.
NAVFAC DRAWING NO. 17361803
SHEET 180 OF 377

CG104

REDESIGN FINAL SUBMITTAL

FILE NAME: U:\BLDG\NAVFAC Pacific\03430603 – P-012 North Aircraft Parking Ramp\700 Working Documents\740 Sheets\740.01 Civil\P012_1665555_CG104.dwg
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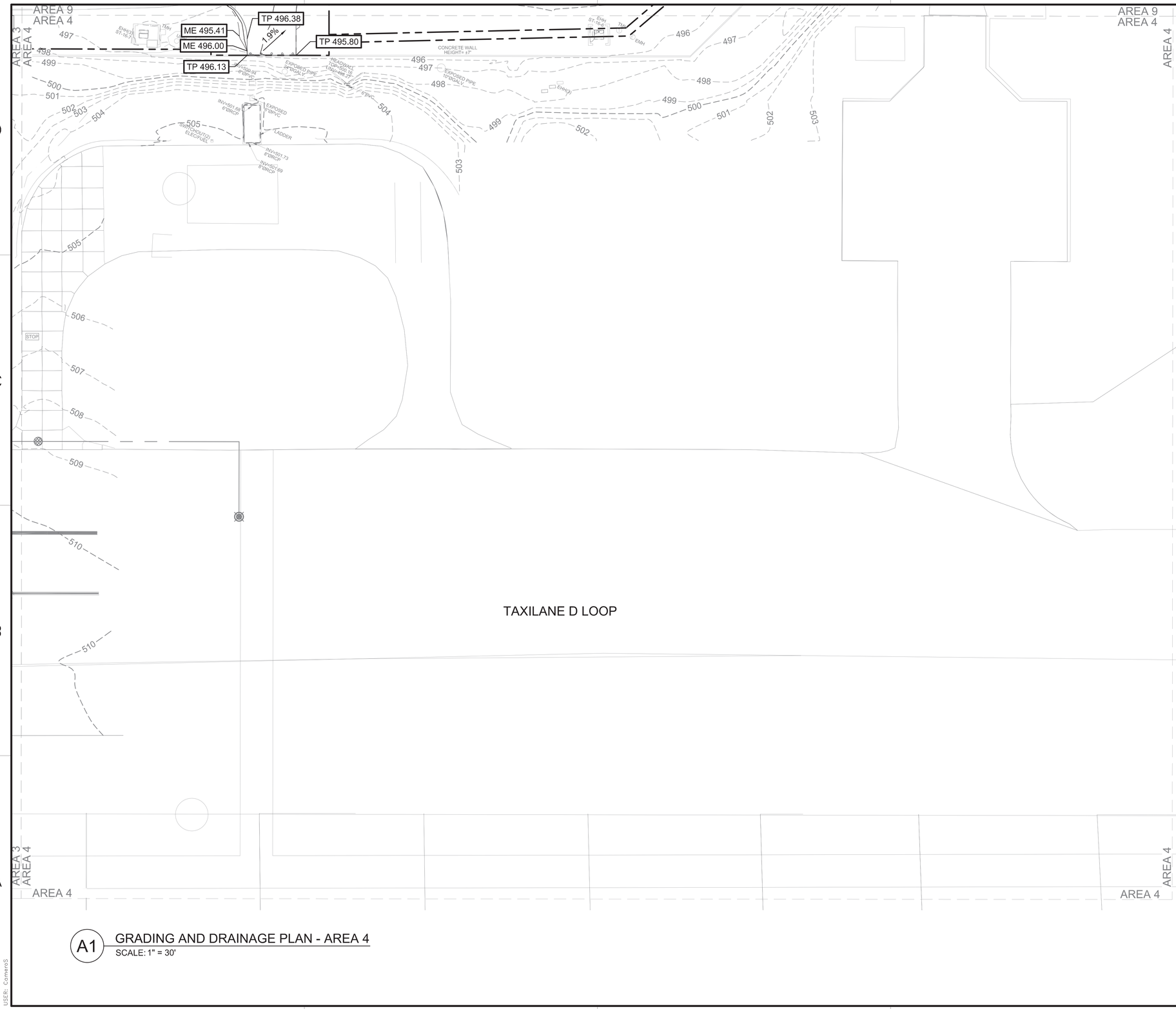
PLOTTED: 01/13/2026 6:42am
USER: CamaroS



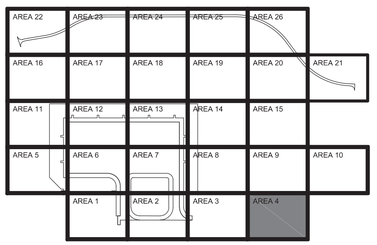
A1 GRADING AND DRAINAGE PLAN - AREA 4
SCALE: 1" = 30'

GENERAL NOTES

A	CONTOURS ARE AT 1' INTERVALS
B	ADJUST NEW AND EXISTING UTILITY COVERS TO NEW GRADE
C	EXCAVATED SOIL WILL BE STOCKPILED ON SITE IN THE NORTHEAST CORNER AND NORTHWEST CORNER OF THE SITE. REFER TO SHEET GI001 FOR RECOMMENDED STOCKPILE AREAS.

LEGEND

	LIMITS OF DISTURBANCE
	LIMITS OF GRADING
525	EXISTING MAJOR CONTOUR
524	EXISTING MINOR CONTOUR
524	MINOR CONTOUR
525	MAJOR CONTOUR
ME	MATCH EXISTING ELEVATION
TP	TOP OF PAVEMENT ELEVATION
XXX	SLOPE (PERCENT)



AREA 4
KEY PLAN

GRAPHIC SCALE
0 15' 30' 60'
SCALE: 1"=30'

NORTH ARROW
TRUE N

NAVFAC

STATE OF TEXAS
JENNIFER M. HAYNES
90167
LICENSED
PROFESSIONAL ENGINEER
1/20/2026
TEXAS REGISTERED ENGINEERING FIRM F-3566 SEAL

Jacobs / BURNS McDONNELL
JACOBS/B&M, A JOINT VENTURE
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VA 22201

A/E Contract No. N62742-20-D-0002
A/E Task Order No. N62742-21F0315
JEG NO. D3430603 A/E INFO

APPROVED
FOR COMMANDER NAVFAC DATE 02/02/2026

ACTIVITY
AFIMSC APPROVAL PER NAVFAC SAT-TO CHECKLIST

SATISFACTORY TO DATE 31 DEC 2025

DES:	JMH	DRW: SMC	REV: ATM
PM/DM			KKK
BRANCH MANAGER			SMK
CHIEF ENG/ARCH			SMK
FIRE PROTECTION			RO

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVFAC PACIFIC
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND – PACIFIC
JOINT REGION MARIANAS (JRM)
ANDERSEN AIR FORCE BASE
GUAM

FY24 AJJY183012 (P-012).
PDI: NORTH AIRCRAFT PARKING RAMP
GRADING AND DRAINAGE PLAN - AREA 4

SCALE: AS SHOWN
EPROJECTS NO.: 1665555
CONSTR CONTROL NO.
NAVFAC DRAWING NO. 17361804
SHEET 181 OF 377

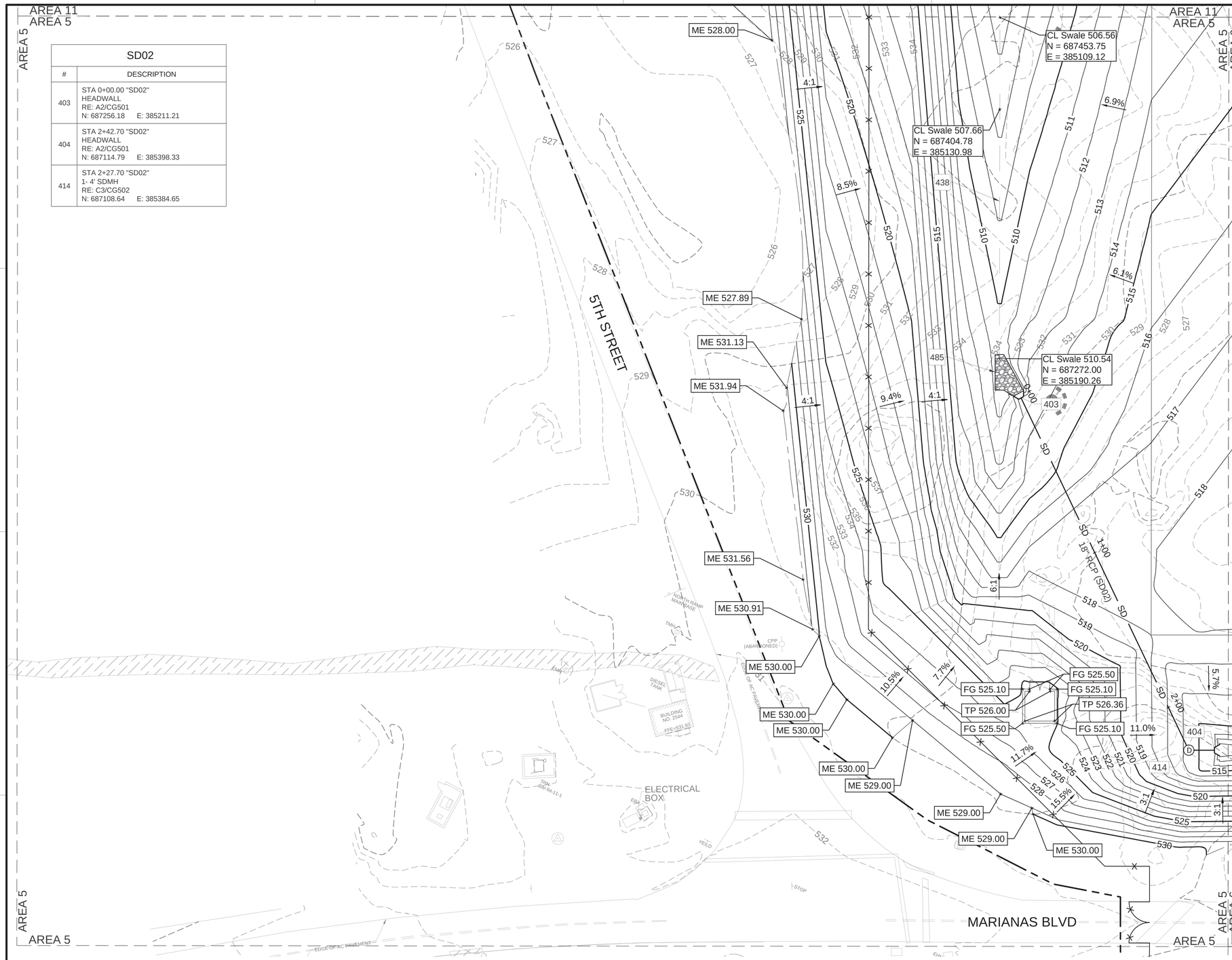
CG105

REDESIGN FINAL SUBMITTAL

IF SHEET IS LESS THAN 22" X 34" REDUCED PRINT. USE GRAPHIC SCALES

FILE NAME: U:\BLDG\NAVFAC Pacific\D3430603 – P-012 North Aircraft Parking Ramp\700 Working Documents\740 Sheets\740.01 Civil\P012_1665555_CG105.dwg
LAYOUT NAME: GRADING AND DRAINAGE PLAN – AREA 4
PLOTTED: 01/13/2026 6:46am
USER: CamaroS

SD02	
#	DESCRIPTION
403	STA 0+00.00 "SD02" HEADWALL RE: A2/CG501 N: 687256.18 E: 385211.21
404	STA 2+42.70 "SD02" HEADWALL RE: A2/CG501 N: 687114.79 E: 385398.33
414	STA 2+27.70 "SD02" 1- 4' SDMH RE: C3/CG502 N: 687108.64 E: 385384.65



A1 GRADING AND DRAINAGE PLAN - AREA 5
SCALE: 1" = 30'

GENERAL NOTES

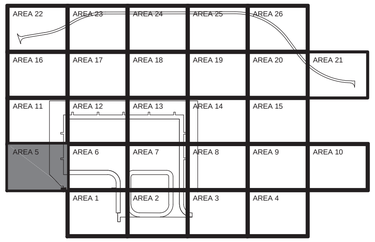
A	CONTOURS ARE AT 1' INTERVALS
B	ADJUST NEW AND EXISTING UTILITY COVERS TO NEW GRADE
C	REFER TO SHEETS CG201 TO CG210 FOR STORM DRAIN PROFILES
D	EXCAVATED SOIL WILL BE STOCKPILED ON SITE IN THE NORTHEAST CORNER AND NORTHWEST CORNER OF THE SITE. REFER TO SHEET GI001 FOR RECOMMENDED STOCKPILE AREAS.

KEYNOTES

204	7' HIGH SECURITY FENCE, RE: B1/CS505 & C1/CS505
438	2.0' BOTTOM SWALE, RE: C1/CG502
485	RIP-RAP, RE: B4/CG501

LEGEND

- RIP-RAP, RE: B4/CG501
- LIMITS OF DISTURBANCE
- LIMITS OF GRADING
- CENTERLINE OF SWALE
- 7' HIGH SECURITY FENCE RE: C1/CS505
- 525 EXISTING MAJOR CONTOUR
- 524 EXISTING MINOR CONTOUR
- 524 MINOR CONTOUR
- 525 MAJOR CONTOUR
- SD STORM DRAIN
- HEADWALL, RE: A2/CG501
- D STORM DRAIN MANHOLE, RE: C3/CG502
- TP TOP OF PAVEMENT ELEVATION
- CL CENTERLINE ELEVATION
- ME MATCH EXISTING ELEVATION
- XXX SLOPE (PERCENT)
- XXX STRUCTURE ID, REFER TO TABLE THIS SHEET



AREA 5
KEY PLAN

GRAPHIC SCALE
0 15' 30' 60'
SCALE: 1"=30'

NORTH ARROW
TRUE N

1	REVISED ENCLOSURE SPOTS
	01/26/2026

NAVFAC

STATE OF TEXAS
JENNIFER M. HAYNES
90167
LICENSED
PROFESSIONAL ENGINEER
1/26/2026
TEXAS REGISTERED ENGINEERING FIRM F-2966 SEAL

Jacobs / BURNS McDONNELL
JACOBS/B&M, A JOINT VENTURE
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VA 22201
A/E Contract No. N62742-20-D-0002
A/E Task Order No. N6274221F0315
JCG NO. 03430603
A/E INFO

APPROVED
FOR COMMANDER NAVFAC DATE 02/02/2026

ACTIVITY
AFIMSC APPROVAL PER NAVFAC SAT-TO CHECKLIST

SATISFACTORY TO DATE 31 DEC 2025

DES: JMH	DRW: SMC	REV: ATM
PM/DM		KKK
BRANCH MANAGER		SMK
CHIEF ENG/ARCH		SMK
FIRE PROTECTION		RO

DEPARTMENT OF THE NAVY
NAVFAC PACIFIC
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND – PACIFIC
ANDERSEN AIR FORCE BASE
JOINT REGION MARIANAS (JRM)
GUAM

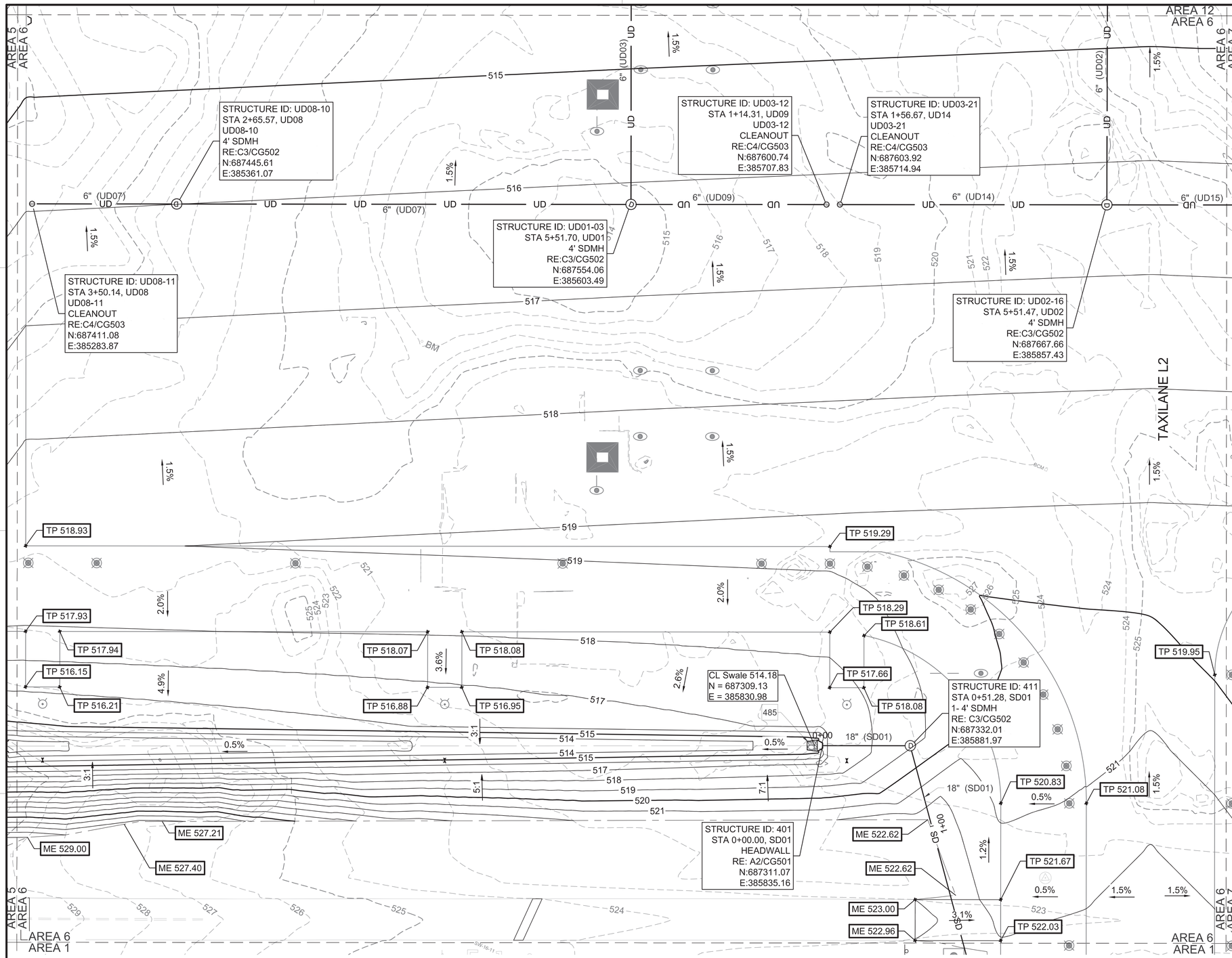
FY24 AJJY183012 (P-012),
PDI: NORTH AIRCRAFT PARKING RAMP
GRADING AND DRAINAGE PLAN - AREA 5

SCALE: AS SHOWN
EPROJECTS NO.: 1665555
CONSTR CONTROL NO.
NAVFAC DRAWING NO. 17361805
SHEET 182 OF 377
CG106

REDESIGN FINAL SUBMITTAL

IF SHEET IS LESS THAN 22" X 34" REDUCED PRINT. USE GRAPHIC SCALES

FILE NAME: U:\BLDG\NAVFAC Pacific\03430603 - P-012 North Aircraft Parking Ramp\700 Working Documents\740 Sheets\740.01 Civil\P012_1665555_CG106.dwg
LAYOUT NAME: GRADING AND DRAINAGE PLAN - AREA 5
PLOTTED: 01/26/2026 4:13pm
USER: CamerkS



A1 GRADING AND DRAINAGE PLAN - AREA 6

SCALE: 1" = 30'

GENERAL NOTES

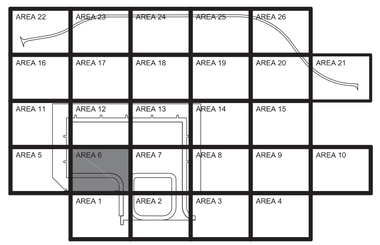
A	CONTOURS ARE AT 1' INTERVALS
B	ADJUST NEW AND EXISTING UTILITY COVERS TO NEW GRADE
C	REFER TO SHEETS CG201 TO CG210 FOR STORM DRAIN PROFILES
D	EXCAVATED SOIL WILL BE STOCKPILED ON SITE IN THE NORTHEAST CORNER AND NORTHWEST CORNER OF THE SITE. REFER TO SHEET GI001 FOR RECOMMENDED STOCKPILE AREAS.

KEYNOTES

485	RIP-RAP, RE: B4/CG501

LEGEND

- RIP-RAP, RE: B4/CG501
- LIMITS OF GRADING
- 525 EXISTING MAJOR CONTOUR
- 524 EXISTING MINOR CONTOUR
- 524 MINOR CONTOUR
- 525 MAJOR CONTOUR
- CENTERLINE OF SWALE
- UD UNDERDRAIN
- HEADWALL, RE: A2/CG501
- STORM DRAIN MANHOLE, RE: C3/CG502
- STORM DRAIN CLEANOUT, RE: C4/CG503
- TP TOP OF PAVEMENT ELEVATION
- CL CENTERLINE ELEVATION
- ME MATCH EXISTING ELEVATION
- XXX SLOPE (PERCENT)
- FUEL HYDRANT PIT,SEE CF101 FOR HYDRANT PIT NUMBERING AND MARKING, RE: C4/CS504
- STATIC GROUND



AREA 6
KEY PLAN

GRAPHIC SCALE

0 15' 30' 60'

SCALE: 1"=30'

NORTH ARROW

TRUE N

NAVFAC

STATE OF TEXAS
JENNIFER M. HAYNES
90167
LICENSED PROFESSIONAL ENGINEER
1/20/2026
TEXAS REGISTERED ENGINEERING FIRM F-3966 SEAL

Jacobs / BURNS McDONNELL
JACOBS/B&M, A JOINT VENTURE
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VA 22201
A/E Contract No. N62742-20-D-0002
A/E Task Order No. N62742219101315
JCG NO. 03430603
A/E INFO

APPROVED
FOR COMMANDER NAVFAC DATE 02/02/2026

ACTIVITY
AFIMSC APPROVAL PER NAVFAC SAT-TO CHECKLIST

SATISFACTORY TO DATE 31 DEC 2025

DES: JMH	DRW: SMC	REV: ATM
PM/OM		KKK
BRANCH MANAGER		SMK
CHIEF ENG/ARCH		SMK
FIRE PROTECTION		RO

DEPARTMENT OF THE NAVY
NAVFAC PACIFIC
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ PACIFIC
JOINT REGION MARIANAS (JRM)
ANDERSEN AIR FORCE BASE
GUAM

FY24 AJJY183012 (P-012)
PDI: NORTH AIRCRAFT PARKING RAMP
GRADING AND DRAINAGE PLAN - AREA 6

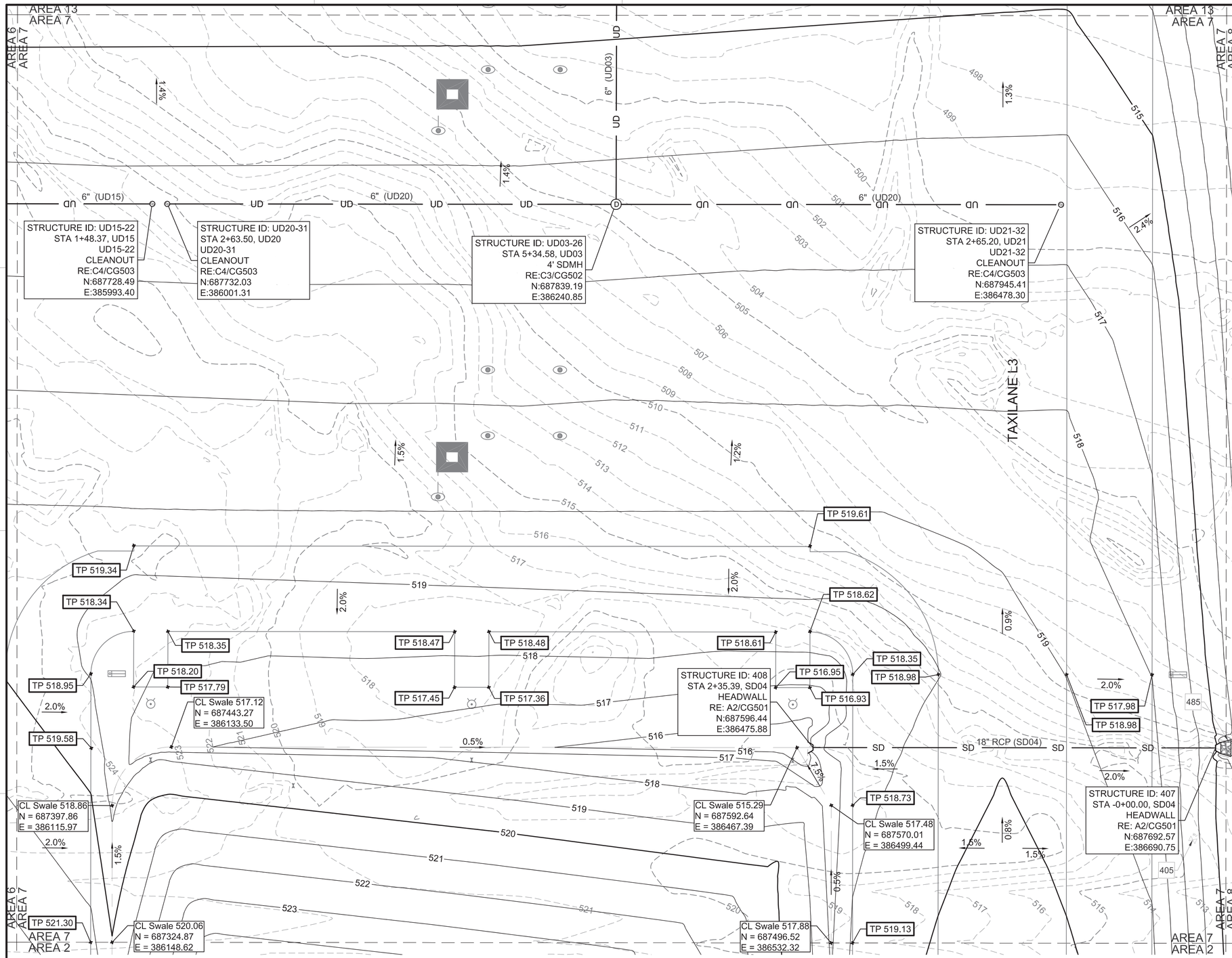
SCALE: AS SHOWN
EPROJECTS NO.: 1665555
CONSTR CONTROL NO.
NAVFAC DRAWING NO. 17361806
SHEET 183 OF 377

CG107

REDESIGN FINAL SUBMITTAL

IF SHEET IS LESS THAN 22" X 34" REDUCED PRINT. USE GRAPHIC SCALES

FILE NAME: U:\BLDG\NAVFAC Pacific\03430603 - P-012 North Aircraft Parking Ramp\700 Working Documents\740 Sheets\740.01 Civil\P012_1665555_CG107.dwg
LAYOUT NAME: GRADING AND DRAINAGE PLAN - AREA 6
PLOTTED: 01/13/2026 6:55am
USER: CamersS



A1 GRADING AND DRAINAGE PLAN - AREA 7

SCALE: 1" = 30'

GENERAL NOTES

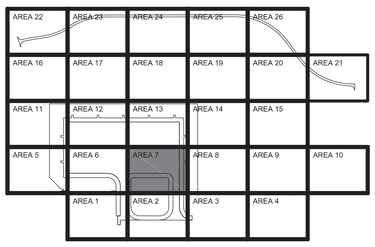
A	CONTOURS ARE AT 1' INTERVALS
B	ADJUST NEW AND EXISTING UTILITY COVERS TO NEW GRADE
C	REFER TO SHEETS CG201 TO CG210 FOR STORM DRAIN PROFILES
D	EXCAVATED SOIL WILL BE STOCKPILED ON SITE IN THE NORTHEAST CORNER AND NORTHWEST CORNER OF THE SITE. REFER TO SHEET GI001 FOR RECOMMENDED STOCKPILE AREAS.

KEYNOTES

405	ADJUST WATER VALVE TO GRADE RE: A4/CU502
485	RIP-RAP, RE: B4/CG501

LEGEND

	RIP-RAP, RE: B4/CG501
525	EXISTING MAJOR CONTOUR
524	EXISTING MINOR CONTOUR
524	MINOR CONTOUR
525	MAJOR CONTOUR
	CENTERLINE OF SWALE
UD	UNDERDRAIN
SD	STORM DRAIN
	HEADWALL, RE: A2/CG501
D	STORM DRAIN MANHOLE, RE: C3/CG502
	STORM DRAIN CLEANOUT, RE: C4/CG503
TP	TOP OF PAVEMENT ELEVATION
CL	CENTERLINE ELEVATION
XXX	SLOPE (PERCENT)
	FUEL HYDRANT PIT,SEE CF101 FOR HYDRANT PIT NUMBERING AND MARKING, RE: C4/CS504
	STATIC GROUND



AREA 7
KEY PLAN

GRAPHIC SCALE

0 15' 30' 60'

SCALE: 1"=30'

NORTH ARROW

TRUE N

NAVFAC

STATE OF TEXAS
JENNIFER M. HAYNES
90167
LICENSED PROFESSIONAL ENGINEER
1/20/2026
TEXAS REGISTERED ENGINEERING FIRM F-3966 SEAL

Jacobs / BURNS McDONNELL
JACOBS/B&M, A JOINT VENTURE
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VA 22201
A/E Contract No. N62742-20-D-0002
A/E Task Order No. N62742-21F0315
JCG NO. 0343603
A/E INFO

APPROVED
FOR COMMANDER NAVFAC DATE 02/02/2026

ACTIVITY
AFIMSC APPROVAL PER NAVFAC SAT-TO CHECKLIST

SATISFACTORY TO DATE 31 DEC 2025

DES:	JMH	DRW: SMC	REV: ATM
PM/DM			KKK
BRANCH MANAGER			SMK
CHIEF ENG/ARCH			SMK
FIRE PROTECTION			RO

DEPARTMENT OF THE NAVY
NAVFAC PACIFIC
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND – PACIFIC
JOINT REGION MARIANAS (JRM)
ANDERSEN AIR FORCE BASE
GUAM

FY24 AJJY183012 (P-012),
PDI: NORTH AIRCRAFT PARKING RAMP
GRADING AND DRAINAGE PLAN - AREA 7

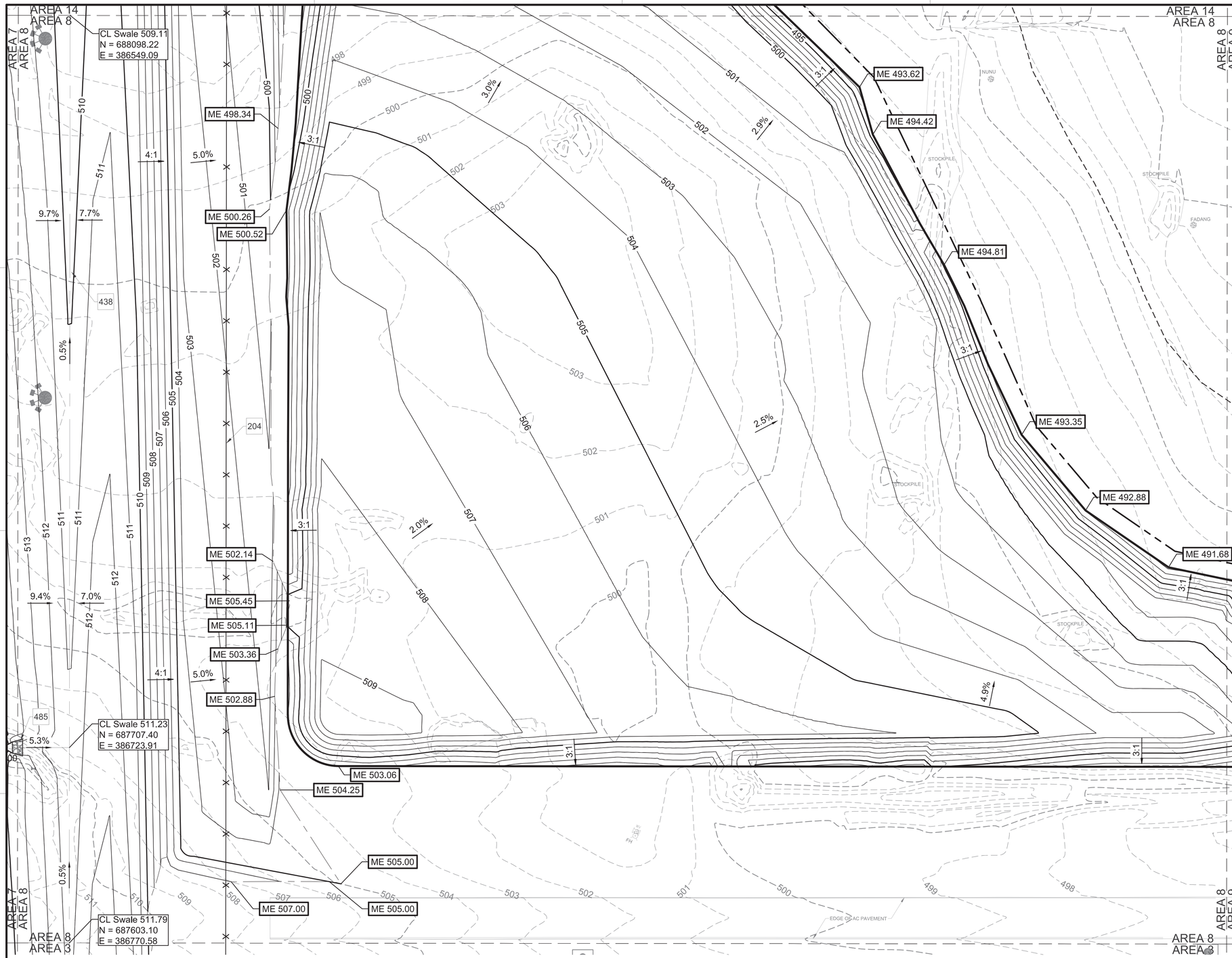
SCALE: AS SHOWN
EPROJECTS NO.: 1665555
CONSTR CONTROL NO.
NAVFAC DRAWING NO. 17361807
SHEET 184 OF 377

CG108

REDESIGN FINAL SUBMITTAL

IF SHEET IS LESS THAN 22" X 34" REDUCED PRINT. USE GRAPHIC SCALES

FILE NAME: U:\BLDG\NAVFAC Pacific\D3430603 - P-012 North Aircraft Parking Ramp\700 Working Documents\740 Sheets\740.01 Civil\P012_1665555_CG108.dwg
LAYOUT NAME: GRADING AND DRAINAGE PLAN - AREA 7
PLOTTED: 01/13/2026 6:59am
USER: CamaroS



A1 GRADING AND DRAINAGE PLAN - AREA 8
SCALE: 1" = 30'

GENERAL NOTES

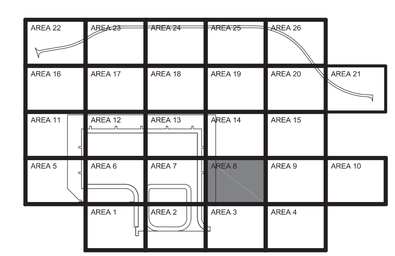
A	CONTOURS ARE AT 1' INTERVALS
B	ADJUST NEW AND EXISTING UTILITY COVERS TO NEW GRADE
C	EXCAVATED SOIL WILL BE STOCKPILED ON SITE IN THE NORTHEAST CORNER AND NORTHWEST CORNER OF THE SITE. REFER TO SHEET GI001 FOR RECOMMENDED STOCKPILE AREAS.

KEYNOTES

204	7' HIGH SECURITY FENCE, RE: B1/CS505 & C1/CS505
438	2.0' BOTTOM SWALE, RE: C1/CG502
485	RIP-RAP, RE: B4/CG501

LEGEND

- RIP-RAP, RE: B4/CG501
- LIMITS OF DISTURBANCE
- LIMITS OF GRADING
- 7' HIGH SECURITY FENCE, RE: C1/CS505
- EXISTING SINKHOLE
- 525 EXISTING MAJOR CONTOUR
- 524 EXISTING MINOR CONTOUR
- 524 MINOR CONTOUR
- 525 MAJOR CONTOUR
- CENTERLINE OF SWALE
- LIMITS OF RELOCATED PFAS
- HEADWALL, RE: A2/CG501
- CL CENTERLINE ELEVATION
- ME MATCH EXISTING ELEVATION
- XXX SLOPE (PERCENT)



AREA 8
KEY PLAN

GRAPHIC SCALE
0 15' 30' 60'
SCALE: 1"=30'

NORTH ARROW
TRUE N

IF SHEET IS LESS THAN 22" X 34" REDUCED PRINT. USE GRAPHIC SCALES

NAVFAC

STATE OF TEXAS
JENNIFER M. HAYNES
90167
LICENSED PROFESSIONAL ENGINEER
1/20/2026
TEXAS REGISTERED ENGINEERING FIRM F-3066 SEAL

Jacobs / BURNS McDONNELL
JACOBS/B&M, A JOINT VENTURE
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VA 22201
A/E Contract No. N62742-20-D-0002
A/E Task Order No. N62742219315
JCG NO. 03430603
A/E INFO

APPROVED
FOR COMMANDER NAVFAC DATE 02/02/2026

ACTIVITY
AFIMSC APPROVAL PER NAVFAC SAT-TO CHECKLIST

SATISFACTORY TO DATE 31 DEC 2025

DES: JMH	DRW: SMC	REV: ATM
PM/OM		KKK
BRANCH MANAGER		SMK
CHIEF ENG/ARCH		SMK
FIRE PROTECTION		RO

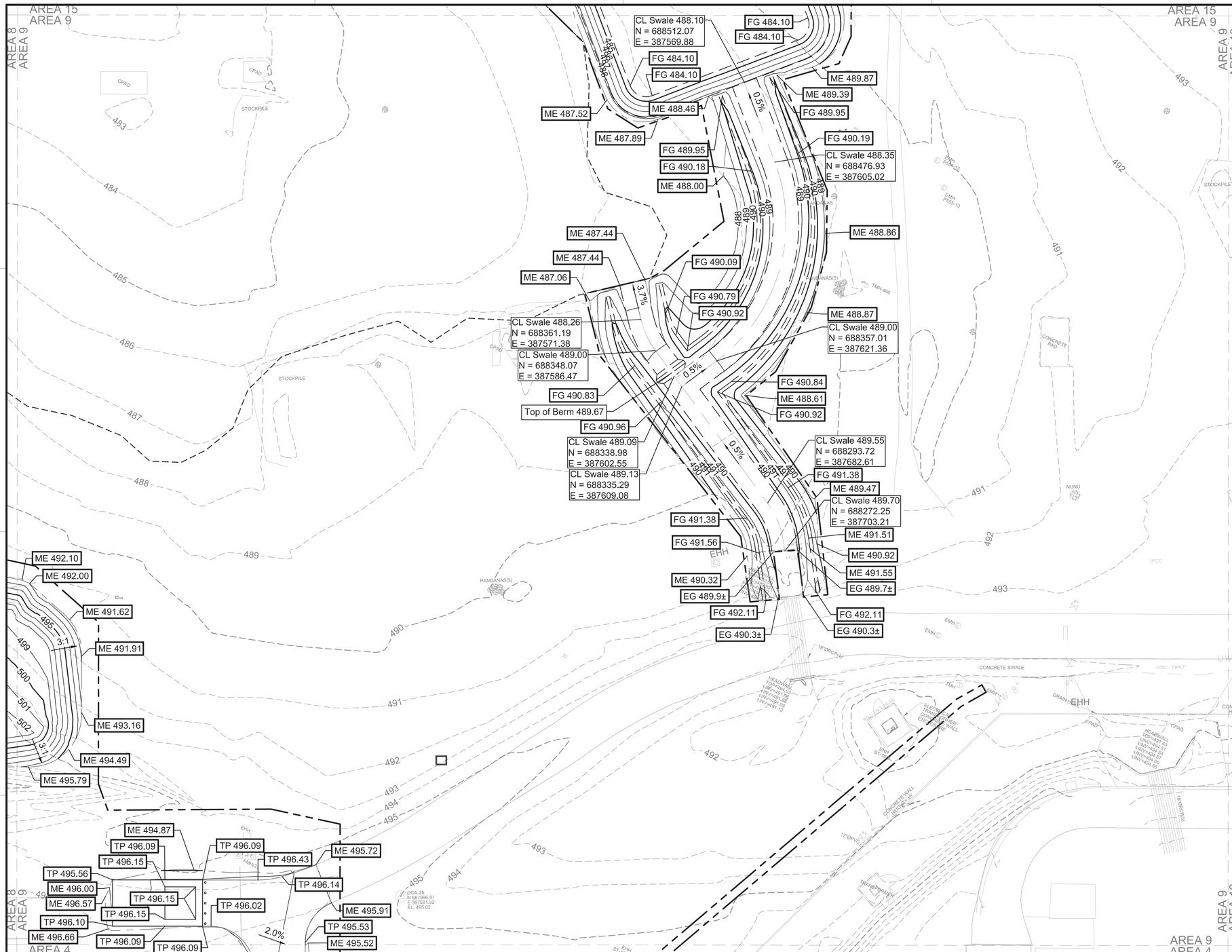
DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVFAC PACIFIC
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ PACIFIC
JOINT REGION MARIANAS (JRM)
ANDERSEN AIR FORCE BASE
GUAM

FY24 AJJY183012 (P-012)
PDI: NORTH AIRCRAFT PARKING RAMP
GRADING AND DRAINAGE PLAN - AREA 8

SCALE: AS SHOWN
EPROJECTS NO.: 1665555
CONSTR CONTROL NO.
NAVFAC DRAWING NO. 17361808
SHEET 185 OF 377
CG109

REDESIGN FINAL SUBMITTAL

FILE NAME: U:\BLDG\NAVFAC Pacific\03430603 - P-012 North Aircraft Parking Ramp\700 Working Documents\740 Sheets\740.01 Civil\P012_1665555_CG109.dwg
LAYOUT NAME: GRADING AND DRAINAGE PLAN - AREA 8
PLOTTED: 01/13/2026 7:04am
USER: CamersS



A1 GRADING AND DRAINAGE PLAN - AREA 9

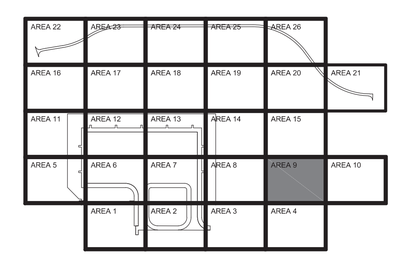
SCALE: 1" = 30'

GENERAL NOTES

A	CONTOURS ARE AT 1' INTERVALS
B	ADJUST NEW AND EXISTING UTILITY COVERS TO NEW GRADE
C	EXCAVATED SOIL WILL BE STOCKPILED ON SITE IN THE NORTHEAST CORNER AND NORTHWEST CORNER OF THE SITE. REFER TO SHEET GI001 FOR RECOMMENDED STOCKPILE AREAS.

LEGEND

	LIMITS OF DISTURBANCE
	LIMITS OF GRADING
	EXISTING SINKHOLE
525	EXISTING MAJOR CONTOUR
524	EXISTING MINOR CONTOUR
524	MINOR CONTOUR
525	MAJOR CONTOUR
ME	MATCH EXISTING ELEVATION
TP	TOP OF PAVEMENT ELEVATION
XXX	SLOPE (PERCENT)



AREA 9
KEY PLAN

GRAPHIC SCALE

0 15' 30' 60'

SCALE: 1"=30'

NORTH ARROW

TRUE N

NAVFAC

STATE OF TEXAS
JENNIFER M. HAYNES
90167
LICENSED
PROFESSIONAL ENGINEER
1/27/2026
TEXAS REGISTERED ENGINEERING FIRM F-3966 SEAL

Jacobs / BURNS McDONNELL
JACOBS/B&M, A JOINT VENTURE
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VA 22201

A/E Contract No. N62742-20-D-0002
A/E Task Order No. N62742219315
JEG NO. D3430603 A/E INFO

APPROVED
FOR COMMANDER NAVFAC DATE 02/02/2026

ACTIVITY
AFIMSC APPROVAL PER NAVFAC SAT-TO CHECKLIST

SATISFACTORY TO DATE	31 DEC 2025
DES: JMH DRW: SMC REV:	ATM
PM/DM	KKK
BRANCH MANAGER	SMK
CHIEF ENG/ARCH	SMK
FIRE PROTECTION	RO

DEPARTMENT OF THE NAVY
NAVFAC PACIFIC
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND – PACIFIC
JOINT REGION MARIANAS (JRM)
ANDERSEN AIR FORCE BASE
GUAM

FY24 AJJY183012 (P-012).
PDI: NORTH AIRCRAFT PARKING RAMP
GRADING AND DRAINAGE PLAN - AREA 9

SCALE:	AS SHOWN
EPROJECTS NO.:	1665555
CONSTR CONTROL NO.	
NAVFAC DRAWING NO.	17361809
SHEET 186 OF 377	

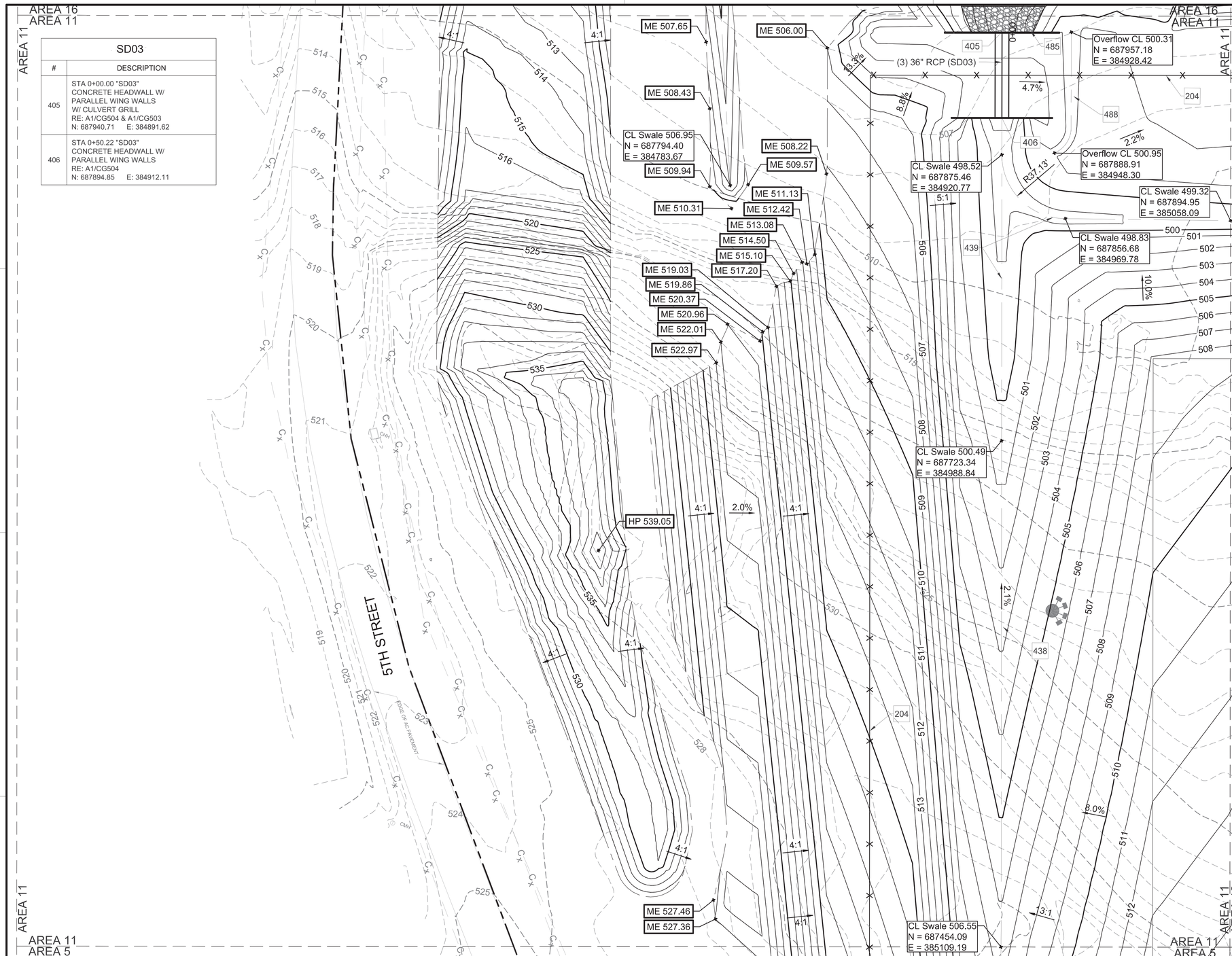
CG110

REDESIGN FINAL SUBMITTAL

IF SHEET IS LESS THAN 22" X 34" REDUCED PRINT. USE GRAPHIC SCALES

FILE NAME: U:\BLDG\NAVFAC Pacific\D3430603 - P-012 North Aircraft Parking Ramp\700 Working Documents\740 Sheets\740.01 Civil\P012_1665555_CG110.dwg
LAYOUT NAME: GRADING AND DRAINAGE PLAN - AREA 9
PLOTTED: 01/27/2026 10:22pm
USER: CamaroS

SD03	
#	DESCRIPTION
405	STA 0+00.00 "SD03" CONCRETE HEADWALL W/ PARALLEL WING WALLS W/ CULVERT GRILL RE: A1/CG504 & A1/CG503 N: 687940.71 E: 384891.62
406	STA 0+50.22 "SD03" CONCRETE HEADWALL W/ PARALLEL WING WALLS RE: A1/CG504 N: 687894.85 E: 384912.11



A1 GRADING AND DRAINAGE PLAN - AREA 11
SCALE: 1" = 30'

GENERAL NOTES

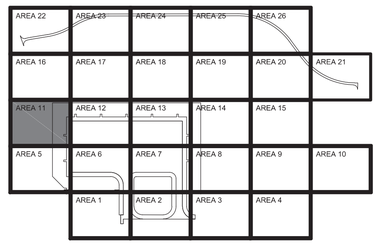
A	CONTOURS ARE AT 1' INTERVALS
B	ADJUST NEW AND EXISTING UTILITY COVERS TO NEW GRADE
C	EXCAVATED SOIL WILL BE STOCKPILED ON SITE IN THE NORTHEAST CORNER AND NORTHWEST CORNER OF THE SITE. REFER TO SHEET GI001 FOR RECOMMENDED STOCKPILE AREAS.

KEYNOTES

204	7' HIGH SECURITY FENCE, RE: B1/CS505 & C1/CS505
439	5.0' BOTTOM SWALE, RE: C1/CG502
485	RIP-RAP, RE: B4/CG503
488	EARTHERN OVERFLOW STRUCTURE

LEGEND

	RIP-RAP, RE: B4/CG501
	LIMITS OF DISTURBANCE
	LIMITS OF GRADING
	7' HIGH SECURITY FENCE, RE: C1/CS505
525	EXISTING MAJOR CONTOUR
524	EXISTING MINOR CONTOUR
524	MINOR CONTOUR
525	MAJOR CONTOUR
	CENTERLINE OF SWALE
TP	TOP OF PAVEMENT ELEVATION
CL	CENTERLINE ELEVATION
ME	MATCH EXISTING ELEVATION
XXX	SLOPE (PERCENT)
XXX	STRUCTURE ID, REFER TO TABLE THIS SHEET



AREA 11
KEY PLAN

GRAPHIC SCALE
0 15' 30' 60'
SCALE: 1"=30'

NORTH ARROW
TRUE N

NAVFAC

STATE OF TEXAS
JENNIFER M. HAYNES
90167
LICENSED PROFESSIONAL ENGINEER
1/20/2026
TEXAS REGISTERED ENGINEERING FIRM F-3066 SEAL

Jacobs / BURNS McDONNELL
JACOBS/B&M, A JOINT VENTURE
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VA 22201
A/E Contract No. N62742-20-D-0002
A/E Task Order No. N62742-21F-0315
JCG NO. 03430603
A/E INFO

APPROVED
FOR COMMANDER NAVFAC DATE 02/02/2026

ACTIVITY
AFIMSC APPROVAL PER NAVFAC SAT-TO CHECKLIST

SATISFACTORY TO DATE 31 DEC 2025

DES: JMH	DRW: SMC	REV: ATM
PM/DM		KKK
BRANCH MANAGER		SMK
CHIEF ENG/ARCH		SMK
FIRE PROTECTION		RO

DEPARTMENT OF THE NAVY
NAVFAC PACIFIC
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND – PACIFIC
JOINT REGION MARIANAS (JRM)
ANDERSEN AIR FORCE BASE
GUAM

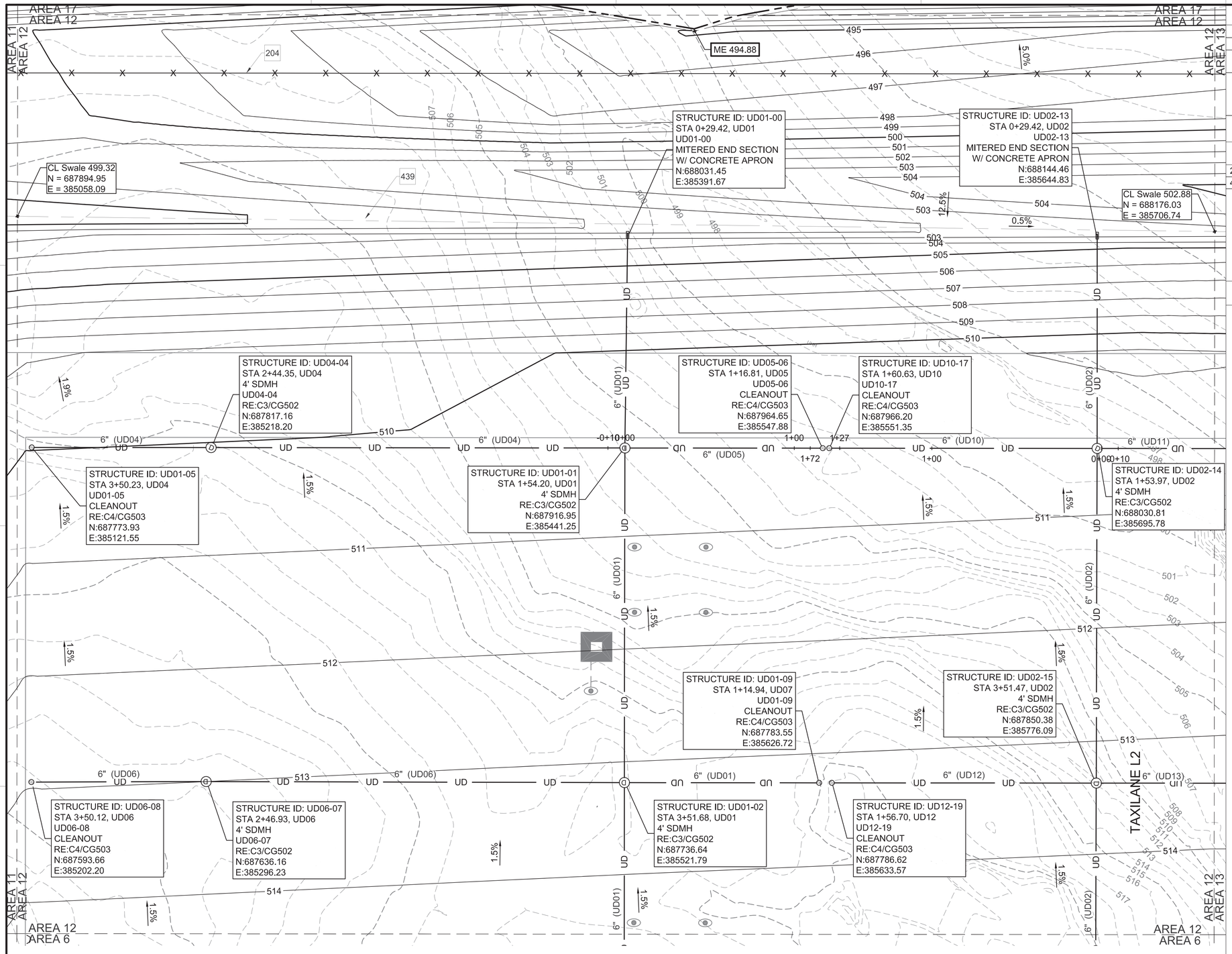
FY24 AJUY183012 (P-012);
PDI: NORTH AIRCRAFT PARKING RAMP
GRADING AND DRAINAGE PLAN - AREA 11

SCALE: AS SHOWN
EPROJECTS NO.: 1665555
CONSTR CONTROL NO.
NAVFAC DRAWING NO. 17361810
SHEET 187 OF 377
CG112

REDESIGN FINAL SUBMITTAL

IF SHEET IS LESS THAN 22" X 34" REDUCED PRINT. USE GRAPHIC SCALES

FILE NAME: U:\BLDG\NAVFAC Pacific\D3430603 – P-012 North Aircraft Parking Ramp\700 Working Documents\740 Sheets\740.01 Civil\P012_1665555_CG112.dwg
LAYOUT NAME: GRADING AND DRAINAGE PLAN – AREA 11
PLOTTED: 01/13/2026 7:17am
USER: Comerns



A1 GRADING AND DRAINAGE PLAN - AREA 12

SCALE: 1" = 30'

GENERAL NOTES

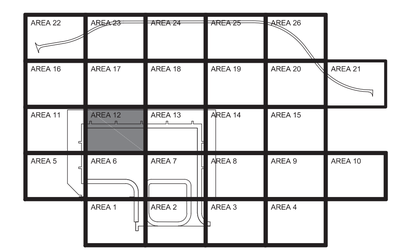
A	CONTOURS ARE AT 1' INTERVALS
B	ADJUST NEW AND EXISTING UTILITY COVERS TO NEW GRADE
C	REFER TO SHEETS CG201 TO CG210 FOR STORM DRAIN PROFILES
D	EXCAVATED SOIL WILL BE STOCKPILED ON SITE IN THE NORTHEAST CORNER AND NORTHWEST CORNER OF THE SITE. REFER TO SHEET GI001 FOR RECOMMENDED STOCKPILE AREAS.

KEYNOTES

204	7' HIGH SECURITY FENCE, RE: B1/CS505 & C1/CS505
439	5.0' BOTTOM SWALE, RE: C1/CG502

LEGEND

- LIMITS OF DISTURBANCE
- LIMITS OF GRADING
- 7' HIGH SECURITY FENCE, RE: C1/CS505
- 525 EXISTING MAJOR CONTOUR
- 524 EXISTING MINOR CONTOUR
- 524 MINOR CONTOUR
- 525 MAJOR CONTOUR
- CENTERLINE OF SWALE
- UD UNDERDRAIN
- STORM DRAIN MANHOLE, RE: C3/CG502
- STORM DRAIN CLEANOUT, RE: C4/CG503
- TP TOP OF PAVEMENT ELEVATION
- CL CENTERLINE ELEVATION
- XXX SLOPE (PERCENT)
- FUEL HYDRANT PIT,SEE CF101 FOR HYDRANT PIT NUMBERING AND MARKING, RE: C4/CS504
- STATIC GROUND
- FIRE HYDRANT, RE: C1/CU502



AREA 12
KEY PLAN

GRAPHIC SCALE

0 15' 30' 60'

SCALE: 1"=30'

NORTH ARROW

TRUE N

NAVFAC

STATE OF TEXAS
JENNIFER M. HAYNES
90167
LICENSED
PROFESSIONAL ENGINEER
TEXAS REGISTERED ENGINEERING FIRM F-3566
1/20/2026
SEAL

Jacobs / BURNS McDONNELL
JACOBS/B&M, A JOINT VENTURE
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VA 22201

A/E Contract No.,N62742-20-D-0002
A/E Task Order No.,N62742219315
JCG NO.,D343603
A/E INFO

APPROVED
FOR COMMANDER NAVFAC DATE 02/02/2026

ACTIVITY
AFIMSC APPROVAL PER NAVFAC SAT-TO CHECKLIST

SATISFACTORY TO DATE 31 DEC 2025

DES:	JMH	DRW:	SMC	REV:	ATM
PM/DM					KKK
BRANCH MANAGER					SMK
CHIEF ENG/ARCH					SMK
FIRE PROTECTION					RO

DEPARTMENT OF THE NAVY
NAVFAC PACIFIC
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND – PACIFIC
JOINT REGION MARIANAS (JRM)
ANDERSEN AIR FORCE BASE
GUAM

FY24 AUY183012 (P-012),
PDI: NORTH AIRCRAFT PARKING RAMP
GRADING AND DRAINAGE PLAN - AREA 12

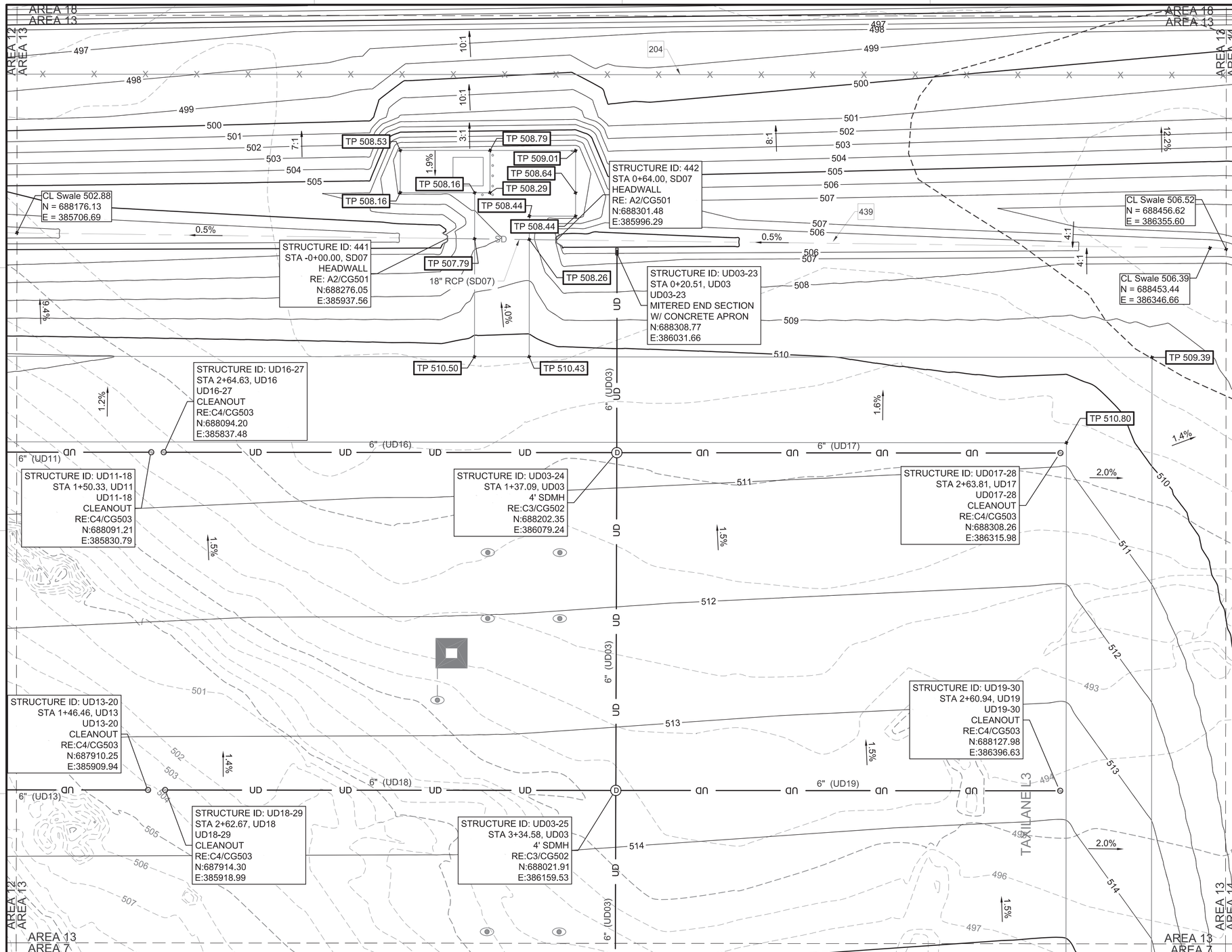
SCALE: AS SHOWN
EPROJECTS NO.: 1665555
CONSTR CONTROL NO.
NAVFAC DRAWING NO. 17361811
SHEET 188 OF 377

CG113

REDESIGN FINAL SUBMITTAL

IF SHEET IS LESS THAN 22" X 34" REDUCED PRINT. USE GRAPHIC SCALES

FILE NAME: U:\BLDG\NAVFAC Pacific\D3430603 – P-012 North Aircraft Parking Ramp\700 Working Documents\740 Sheets\740.01 Civil\P012_1665555_CG113.dwg
LAYOUT NAME: GRADING AND DRAINAGE PLAN – AREA 12
PLOTTED: 01/13/2026 7:21am
USER: CamerasS



A1 GRADING AND DRAINAGE PLAN - AREA 13

SCALE: 1" = 30'

GENERAL NOTES

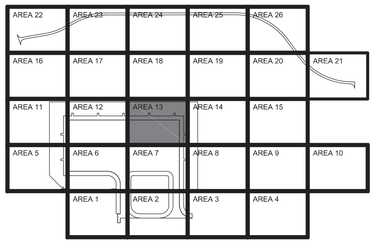
A	CONTOURS ARE AT 1' INTERVALS
B	ADJUST NEW AND EXISTING UTILITY COVERS TO NEW GRADE
C	REFER TO SHEETS CG201 TO CG210 FOR STORM DRAIN PROFILES
D	EXCAVATED SOIL WILL BE STOCKPILED ON SITE IN THE NORTHEAST CORNER AND NORTHWEST CORNER OF THE SITE. REFER TO SHEET GI001 FOR RECOMMENDED STOCKPILE AREAS.

KEYNOTES

204	7' HIGH SECURITY FENCE, RE: B1/CS505 & C1/CS505
439	5.0' BOTTOM SWALE, RE: C1/CG502

LEGEND

- 7' HIGH SECURITY FENCE, RE: C1/CS505
- EXISTING SINKHOLE
- 525 EXISTING MAJOR CONTOUR
- 524 EXISTING MINOR CONTOUR
- 524 MINOR CONTOUR
- 525 MAJOR CONTOUR
- CENTERLINE OF SWALE
- UD UNDERDRAIN
- SD STORM DRAIN
- STORM DRAIN MANHOLE, RE: C3/CG502
- STORM DRAIN CLEANOUT, RE: C4/CG503
- TP TOP OF PAVEMENT ELEVATION
- CL CENTERLINE ELEVATION
- XXX SLOPE (PERCENT)
- FUEL HYDRANT PIT,SEE CF101 FOR HYDRANT PIT NUMBERING AND MARKING, RE: C4/CS504
- STATIC GROUND
- FIRE HYDRANT, RE: C1/CU502



AREA 13
KEY PLAN

GRAPHIC SCALE

0 15' 30' 60'

SCALE: 1"=30'

NORTH ARROW

TRUE N

NAVFAC

STATE OF TEXAS
JENNIFER M. HAYNES
90167
LICENSED PROFESSIONAL ENGINEER
1/20/2026
TEXAS REGISTERED ENGINEERING FIRM F-3966 SEAL

Jacobs / BURNS McDONNELL
JACOBS/B&M, A JOINT VENTURE
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VA 22201
A/E Contract No. N62742-20-D-0002
A/E Task Order No. N6274221F0315
JCG NO. 234363603
A/E INFO

APPROVED
FOR COMMANDER NAVFAC DATE 02/02/2026

ACTIVITY
AFIMSC APPROVAL PER NAVFAC SAT-TO CHECKLIST

SATISFACTORY TO DATE			31 DEC 2025
DES: JMH	DRW: SMC	REV:	ATM
PM/DM			KKK
BRANCH MANAGER			SMK
CHIEF ENG/ARCH			SMK
FIRE PROTECTION			RO

DEPARTMENT OF THE NAVY
NAVFAC PACIFIC
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ PACIFIC
JOINT REGION MARIANAS (JRM)
ANDERSEN AIR FORCE BASE
GUAM

FY24 AJJY183012 (P-012)
PDI: NORTH AIRCRAFT PARKING RAMP
GRADING AND DRAINAGE PLAN - AREA 13

SCALE: AS SHOWN
EPROJECTS NO.: 1665555
CONSTR CONTROL NO.
NAVFAC DRAWING NO. 17361812
SHEET 189 OF 377

CG114

REDESIGN FINAL SUBMITTAL

IF SHEET IS LESS THAN 22" X 34" REDUCED PRINT. USE GRAPHIC SCALES

FILE NAME: U:\BLDG\NAVFAC Pacific\03430603 - P-012 North Aircraft Parking Ramp\700 Working Documents\740 Sheets\740.01 Civil\P012_1665555_CG114.dwg
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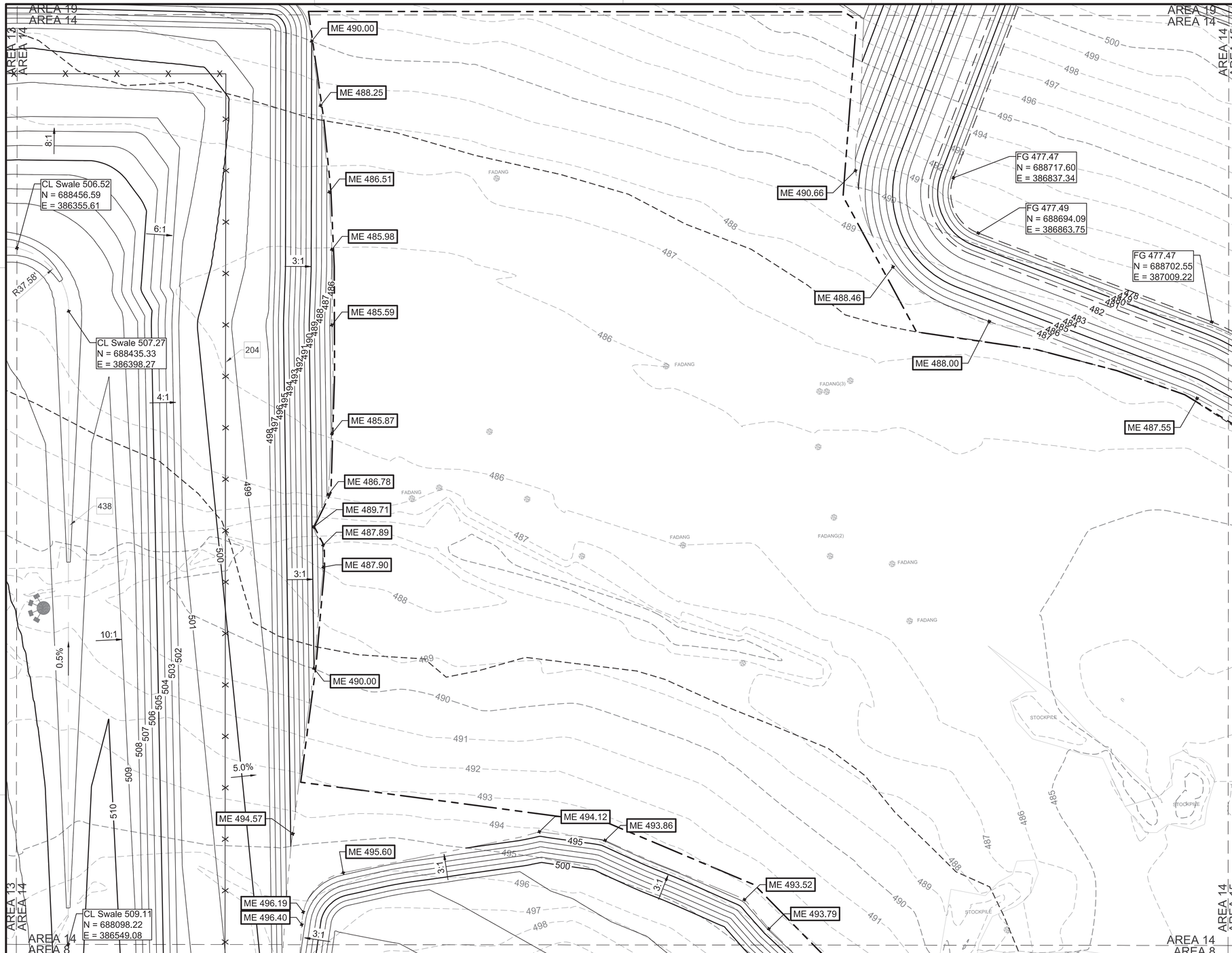
PLOTTED: 01/13/2026 7:24am
USER: CamerkS



A1 GRADING AND DRAINAGE PLAN - AREA 14
SCALE: 1" = 30'

GENERAL NOTES

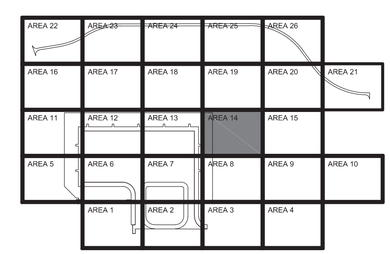
A	CONTOURS ARE AT 1' INTERVALS
B	ADJUST NEW AND EXISTING UTILITY COVERS TO NEW GRADE
C	EXCAVATED SOIL WILL BE STOCKPILED ON SITE IN THE NORTHEAST CORNER AND NORTHWEST CORNER OF THE SITE. REFER TO SHEET GI001 FOR RECOMMENDED STOCKPILE AREAS.

KEYNOTES

204	7' HIGH SECURITY FENCE, RE: B1/CS505 & C1/CS505
438	2.0' BOTTOM SWALE, RE: C1/CG502

LEGEND

	LIMITS OF DISTURBANCE
	LIMITS OF GRADING
—X—	7' HIGH SECURITY FENCE, RE: C1/CS505
	EXISTING SINKHOLE
525	EXISTING MAJOR CONTOUR
524	EXISTING MINOR CONTOUR
524	MINOR CONTOUR
525	MAJOR CONTOUR
	CENTERLINE OF SWALE
ME	MATCH EXISTING ELEVATION
CL	CENTERLINE ELEVATION
XXX	SLOPE (PERCENT)



AREA 14
KEY PLAN

GRAPHIC SCALE
0 15' 30' 60'
SCALE: 1"=30'

NORTH ARROW
TRUE N

NAVFAC

STATE OF TEXAS
JENNIFER M. HAYNES
90167
LICENSED
PROFESSIONAL ENGINEER
1/27/2026
TEXAS REGISTERED ENGINEERING FIRM F-3966 SEAL

Jacobs / BURNS McDONNELL
JACOBS/B&M, A JOINT VENTURE
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VA 22201

A/E Contract No. N62742-20-D-0002
A/E Task Order No. N6274221F0315
JCG NO. 0343603 A/E INFO

APPROVED
FOR COMMANDER NAVFAC DATE 02/02/2026

ACTIVITY
AFIMSC APPROVAL PER NAVFAC SAT-TO CHECKLIST

SATISFACTORY TO DATE 31 DEC 2025

DES:	JMH	DRW: SMC	REV: ATM
PM/DM			KKK
BRANCH MANAGER			SMK
CHIEF ENG/ARCH			SMK
FIRE PROTECTION			RO

DEPARTMENT OF THE NAVY
NAVFAC PACIFIC
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND – PACIFIC
JOINT REGION MARIANAS (JRM)
ANDERSEN AIR FORCE BASE
GUAM

FY24 AJJY183012 (P-012),
PDI: NORTH AIRCRAFT PARKING RAMP
GRADING AND DRAINAGE PLAN - AREA 14

SCALE: AS SHOWN
EPROJECTS NO.: 1665555
CONSTR CONTROL NO.
NAVFAC DRAWING NO. 17361813
SHEET 190 OF 377

CG115

REDESIGN FINAL SUBMITTAL

FILE NAME: U:\BLDG\NAVFAC Pacific\0343603 – P-012 North Aircraft Parking Ramp\700 Working Documents\740 Sheets\740.01 Civil\P012_1665555_CG115.dwg
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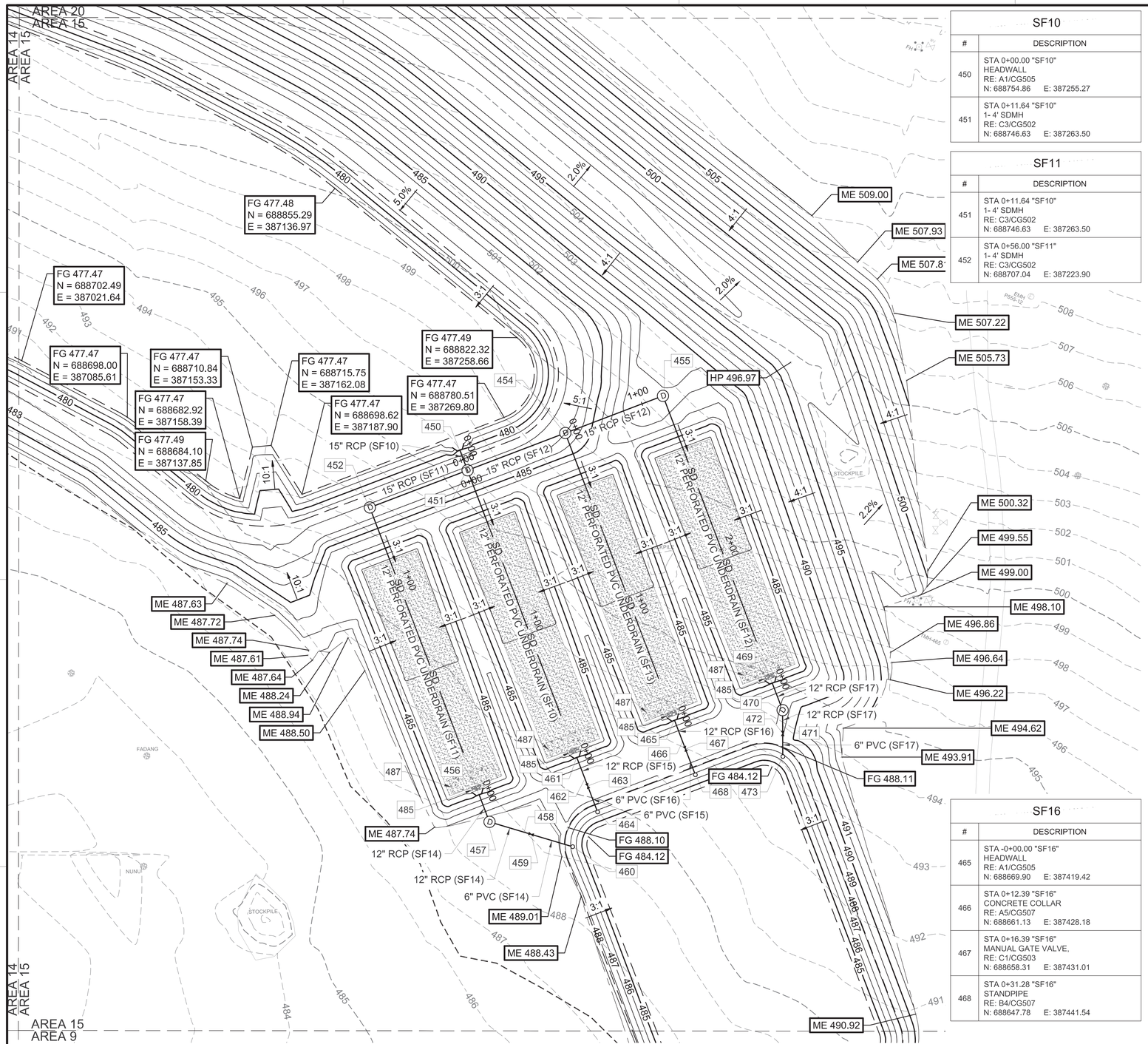
PLOTTED: 01/27/2026 10:26pm
USER: Camerg3

IF SHEET IS LESS THAN 22" X 34" REDUCED PRINT. USE GRAPHIC SCALES



A1 GRADING AND DRAINAGE PLAN - AREA 15

SCALE: 1" = 30'

SF10

#	DESCRIPTION
450	STA 0+00.00 "SF10" HEADWALL RE: A1/CG505 N: 688754.86 E: 387255.27
451	STA 0+11.64 "SF10" 1- 4' SDMH RE: C3/CG502 N: 688746.63 E: 387263.50

SF11

#	DESCRIPTION
451	STA 0+11.64 "SF10" 1- 4' SDMH RE: C3/CG502 N: 688746.63 E: 387263.50
452	STA 0+56.00 "SF11" 1- 4' SDMH RE: C3/CG502 N: 688707.04 E: 387223.90

SF12

#	DESCRIPTION
451	STA 0+11.64 "SF10" 1- 4' SDMH RE: C3/CG502 N: 688746.63 E: 387263.50
454	STA 0+56.00 "SF12" 1- 4' SDMH RE: C3/CG502 N: 688786.23 E: 387303.10
455	STA 1+12.00 "SF12" 1- 4' SDMH RE: C3/CG502 N: 688825.82 E: 387342.70

SF13

#	DESCRIPTION
454	STA 0+56.00 "SF12" 1- 4' SDMH RE: C3/CG502 N: 688786.23 E: 387303.10

SF14

#	DESCRIPTION
456	STA 0+00.00 "SF14" HEADWALL RE: A1/CG505 N: 688590.70 E: 387340.22
457	STA 0+15.61 "SF14" 1- 4' SDMH RE: C3/CG502 N: 688579.67 E: 387351.25
458	STA 0+34.87 "SF14" CONCRETE COLLAR RE: A5/CG507 N: 688582.19 E: 387370.35
459	STA 0+38.87 "SF14" MANUAL GATE VALVE, RE: C1/CG503 N: 688582.72 E: 387374.32
460	STA 0+62.08 "SF14" STANDPIPE RE: B4/CG507 N: 688585.76 E: 387397.33

SF15

#	DESCRIPTION
461	STA 0+00.00 "SF15" HEADWALL RE: A1/CG505 N: 688630.30 E: 387379.82
462	STA 0+12.39 "SF15" CONCRETE COLLAR RE: A5/CG507 N: 688621.54 E: 387388.58
463	STA 0+16.39 "SF15" MANUAL GATE VALVE, RE: C1/CG503 N: 688618.71 E: 387391.41
464	STA 0+31.28 "SF15" STANDPIPE RE: B4/CG507 N: 688608.18 E: 387401.94

SF16

#	DESCRIPTION
465	STA -0+00.00 "SF16" HEADWALL RE: A1/CG505 N: 688669.90 E: 387419.42
466	STA 0+12.39 "SF16" CONCRETE COLLAR RE: A5/CG507 N: 688661.13 E: 387428.18
467	STA 0+16.39 "SF16" MANUAL GATE VALVE, RE: C1/CG503 N: 688658.31 E: 387431.01
468	STA 0+31.28 "SF16" STANDPIPE RE: B4/CG507 N: 688647.78 E: 387441.54

SF17

#	DESCRIPTION
469	STA -0+00.00 "SF17" HEADWALL RE: A1/CG505 N: 688709.49 E: 387459.02
470	STA 0+15.61 "SF17" 1- 4' SDMH RE: C3/CG502 N: 688698.45 E: 387470.05
471	STA 0+24.01 "SF17" CONCRETE COLLAR RE: A5/CG507 N: 688690.80 E: 387473.53
472	STA 0+28.01 "SF17" MANUAL GATE VALVE, RE: C1/CG503 N: 688687.16 E: 387475.18
473	STA 0+40.41 "SF17" STANDPIPE RE: B4/CG507 N: 688675.87 E: 387480.31

GENERAL NOTES

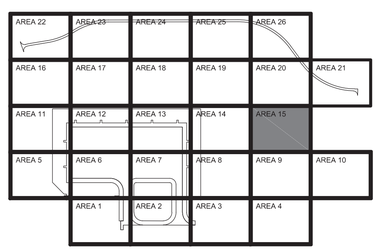
A	CONTOURS ARE AT 1' INTERVALS
B	ADJUST NEW AND EXISTING UTILITY COVERS TO NEW GRADE
C	REFER TO SHEETS CG211 AND CG212 FOR STORM DRAIN PROFILES
D	EXCAVATED SOIL WILL BE STOCKPILED ON SITE IN THE NORTHEAST CORNER AND NORTHWEST CORNER OF THE SITE. REFER TO SHEET GI001 FOR RECOMMENDED STOCKPILE AREAS.

KEYNOTES

485	RIP-RAP, RE: B4/CG501
487	LEVEL SPREADER, RE: B1/CG507

LEGEND

- SAND FILTER, RE: B4/CG507
- LIMITS OF DISTURBANCE
- LIMITS OF GRADING
- EXISTING SINKHOLE
- 525 — EXISTING MAJOR CONTOUR
- 524 — EXISTING MINOR CONTOUR
- 524 — MINOR CONTOUR
- 525 — MAJOR CONTOUR
- TOP & BOTTOM OF BASIN
- SD — STORM DRAIN
- HEADWALL, RE: A2/CG501
- STORM DRAIN MANHOLE, RE: C3/CG502
- STORM DRAIN MANUAL GATE VALVE, RE: C1/CG503
- STANDPIPE, RE: B4/CG507
- ME — MATCH EXISTING ELEVATION
- FG — FINISHED GRADE ELEVATION
- XXX — SLOPE
- XXX — STRUCTURE ID, REFER TO TABLE THIS SHEET



AREA 15
KEY PLAN

GRAPHIC SCALE

0 15' 30' 60'

SCALE: 1"=30'

NORTH ARROW

TRUE N

NAVFAC

STATE OF TEXAS
JENNIFER M. HAYNES
90167
LICENSED
PROFESSIONAL ENGINEER
1/27/2026
TEXAS REGISTERED ENGINEERING FIRM F-3566 SEAL

Jacobs / BURNS McDONNELL
JACOBS/B&M, A JOINT VENTURE
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VA 22201
A/E Contract No. N62742-20-D-0002
A/E Task Order No. N62742219315
JCG NO. 0343603
A/E INFO

APPROVED
FOR COMMANDER NAVFAC DATE 02/02/2026

ACTIVITY
AFIMSC APPROVAL PER NAVFAC SAT-TO CHECKLIST

SATISFACTORY TO DATE 31 DEC 2025

DES: JMH	DRW: SMC	REV: ATM
PM/DM	KKK	
BRANCH MANAGER	SMK	
CHIEF ENG/ARCH	SMK	
FIRE PROTECTION	RO	

DEPARTMENT OF THE NAVY
NAVFAC PACIFIC
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ PACIFIC
JOINT REGION MARIANAS (JRM)
ANDERSEN AIR FORCE BASE
GUAM

FY24 AJJY183012 (P-012),
PDI: NORTH AIRCRAFT PARKING RAMP
GRADING AND DRAINAGE PLAN - AREA 15

SCALE: AS SHOWN
EPROJECTS NO.: 1665555
CONSTR CONTROL NO.
NAVFAC DRAWING NO. 17361828
SHEET 191 OF 377

CG116

REDESIGN FINAL SUBMITTAL

IF SHEET IS LESS THAN 22" X 34" REDUCED PRINT. USE GRAPHIC SCALES

FILE NAME: U:\BLDG\NAVFAC Pacific\D3430603 - P-012 North Aircraft Parking Ramp\700 Working Documents\740 Sheets\740.01 Civil\P012_1665555_CG116.dwg
LAYOUT NAME: GRADING AND DRAINAGE PLAN - AREA 15
PLOTTED: 01/27/2026 10:32pm
USER: CamerpS

SF01

#	DESCRIPTION
427	STA 0+00.00 "SF01" HEADWALL RE: A2/CG501 N: 688233.82 E: 384770.91
428	STA 0+18.38 "SF01" 1- 4' SDMH RE: C3/CG502 N: 688217.04 E: 384778.42
429	STA 0+64.48 "SF01" MANUAL GATE VALVE, RE: C4/CU502 N: 688228.27 E: 384823.13
430	STA 0+83.20 "SF01" STANDPIPE RE: B4/CG507 N: 688232.83 E: 384841.29

SF02

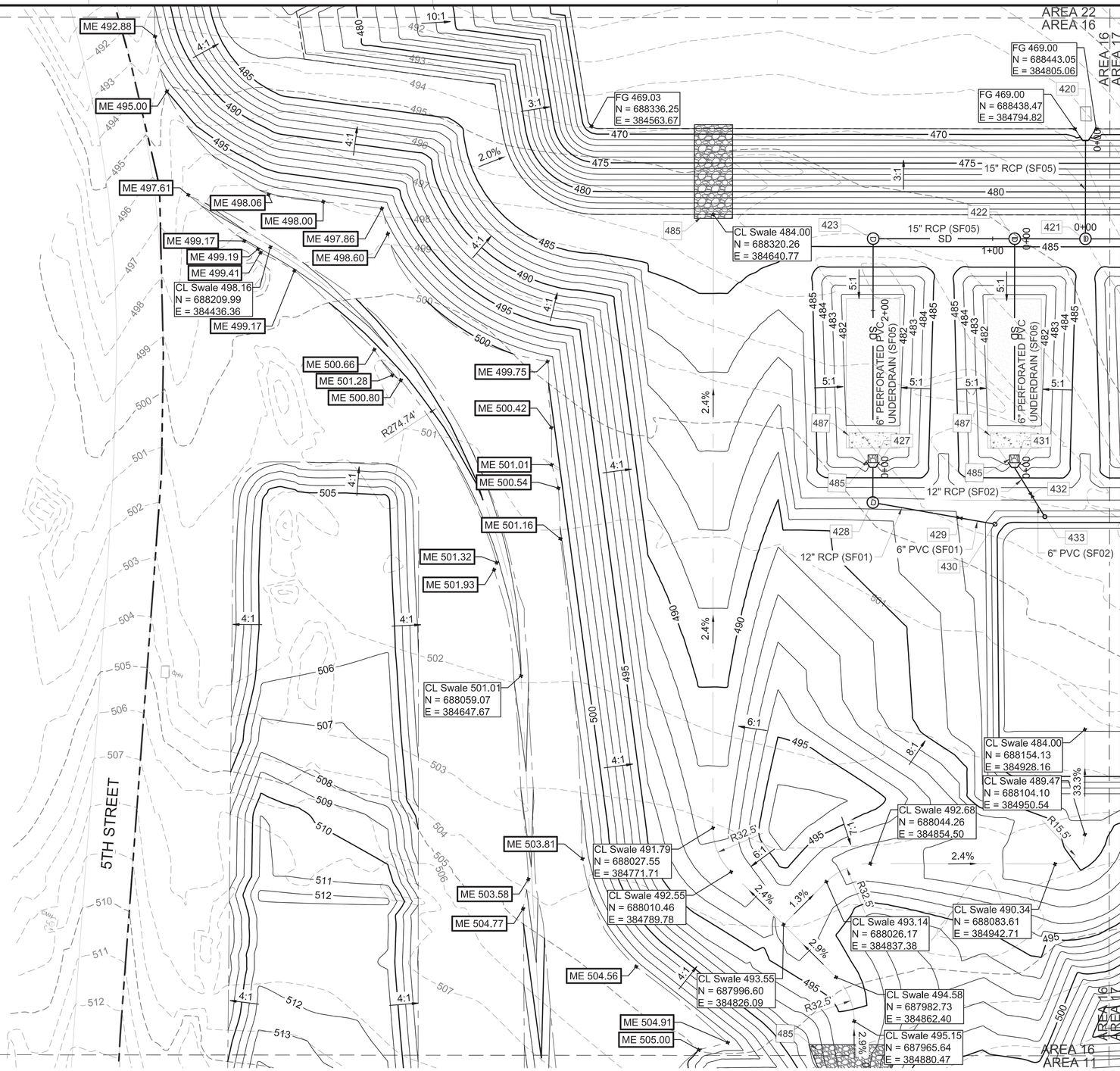
#	DESCRIPTION
431	STA -0+00.00 "SF02" HEADWALL RE: A1/CG504 N: 688264.05 E: 384838.45
432	STA 0+17.00 "SF02" MANUAL GATE VALVE, RE: C4/CU502 N: 688254.49 E: 384852.52
433	STA 0+30.25 "SF02" STANDPIPE RE: B4/CG507 N: 688247.05 E: 384863.47

SF05

#	DESCRIPTION
420	STA 0+00.00 "SF05" HEADWALL RE: A2/CG501 N: 688435.28 E: 384802.39
421	STA 0+51.50 "SF05" 1- 4' SDMH RE: C3/CG502 N: 688388.27 E: 384823.42
422	STA 0+88.50 "SF05" 1- 4' SDMH RE: C3/CG502 N: 688373.16 E: 384789.64
423	STA 1+62.50 "SF05" 1- 4' SDMH RE: C3/CG502 N: 688342.95 E: 384722.09

SF06

#	DESCRIPTION
422	STA 0+88.50 "SF05" 1- 4' SDMH RE: C3/CG502 N: 688373.16 E: 384789.64



A1 GRADING AND DRAINAGE PLAN - AREA 16
SCALE: 1" = 30'

GENERAL NOTES

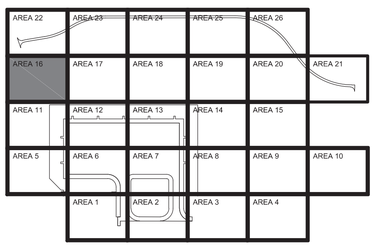
A	CONTOURS ARE AT 1' INTERVALS
B	ADJUST NEW AND EXISTING UTILITY COVERS TO NEW GRADE
C	REFER TO SHEETS CG201 TO CG210 FOR STORM DRAIN PROFILES
D	EXCAVATED SOIL WILL BE STOCKPILED ON SITE IN THE NORTHEAST CORNER AND NORTHWEST CORNER OF THE SITE. REFER TO SHEET GI001 FOR RECOMMENDED STOCKPILE AREAS.

KEYNOTES

485	RIP-RAP, RE: B4/CG501
487	LEVEL SPREADER, RE: B1/CG507

LEGEND

- RIP-RAP, RE: B4/CG501
- SAND FILTER, RE: B4/CG507
- LIMITS OF DISTURBANCE
- LIMITS OF GRADING
- 525 EXISTING MAJOR CONTOUR
- 524 EXISTING MINOR CONTOUR
- 524 MINOR CONTOUR
- 525 MAJOR CONTOUR
- TOP & BOTTOM OF BASIN
- CENTERLINE OF SWALE
- SD STORM DRAIN
- HEADWALL, RE: A2/CG501
- D STORM DRAIN MANHOLE, RE: C3/CG502
- STORM DRAIN MANUAL GATE VALVE, RE: C4/CU502
- STANDPIPE, RE: B4/CG507
- CL CENTERLINE ELEVATION
- ME MATCH EXISTING ELEVATION
- FG FINISHED GRADE ELEVATION
- XXX SLOPE (PERCENT)
- XXX STRUCTURE ID, REFER TO TABLE THIS SHEET



AREA 16
KEY PLAN

GRAPHIC SCALE
0 15' 30' 60'
SCALE: 1"=30'

NORTH ARROW
TRUE N

STATE OF TEXAS
JENNIFER M. HAYNES
90167
LICENSED
PROFESSIONAL ENGINEER
1/27/2026
TEXAS REGISTERED ENGINEERING FIRM F-3966 SEAL

Jacobs / BURNS McDONNELL
JACOBS/B&M, A JOINT VENTURE
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VA 22201

A/E Contract No. N62742-20-D-0002
A/E Task Order No. N62742-21F0315
JCG NO. 03430603
A/E INFO

APPROVED
FOR COMMANDER NAVFAC DATE 02/02/2026

ACTIVITY
AFIMSC APPROVAL PER NAVFAC SAT-TO CHECKLIST

SATISFACTORY TO DATE 31 DEC 2025

DES: JMH DRW: SMC REV: ATM
PM/DM KKK
BRANCH MANAGER SMK
CHIEF ENG/ARCH SMK
FIRE PROTECTION RO

DEPARTMENT OF THE NAVY
NAVFAC PACIFIC
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ PACIFIC
JOINT REGION MARIANAS (JRM)
ANDERSEN AIR FORCE BASE
GUAM

FY24 AJJY183012 (P-012),
PDI: NORTH AIRCRAFT PARKING RAMP
GRADING AND DRAINAGE PLAN - AREA 16

SCALE: AS SHOWN
EPROJECTS NO.: 1665555
CONSTR CONTROL NO.
NAVFAC DRAWING NO. 17361814
SHEET 192 OF 377
CG117

REDESIGN FINAL SUBMITTAL

IF SHEET IS LESS THAN 22" X 34" REDUCED PRINT. USE GRAPHIC SCALES

FILE NAME: U:\BLDG\NAVFAC Pacific\03430603 - P-012 North Aircraft Parking Ramp\700 Working Documents\740 Sheets\740.01 Civil\P012_1665555_CG117.dwg
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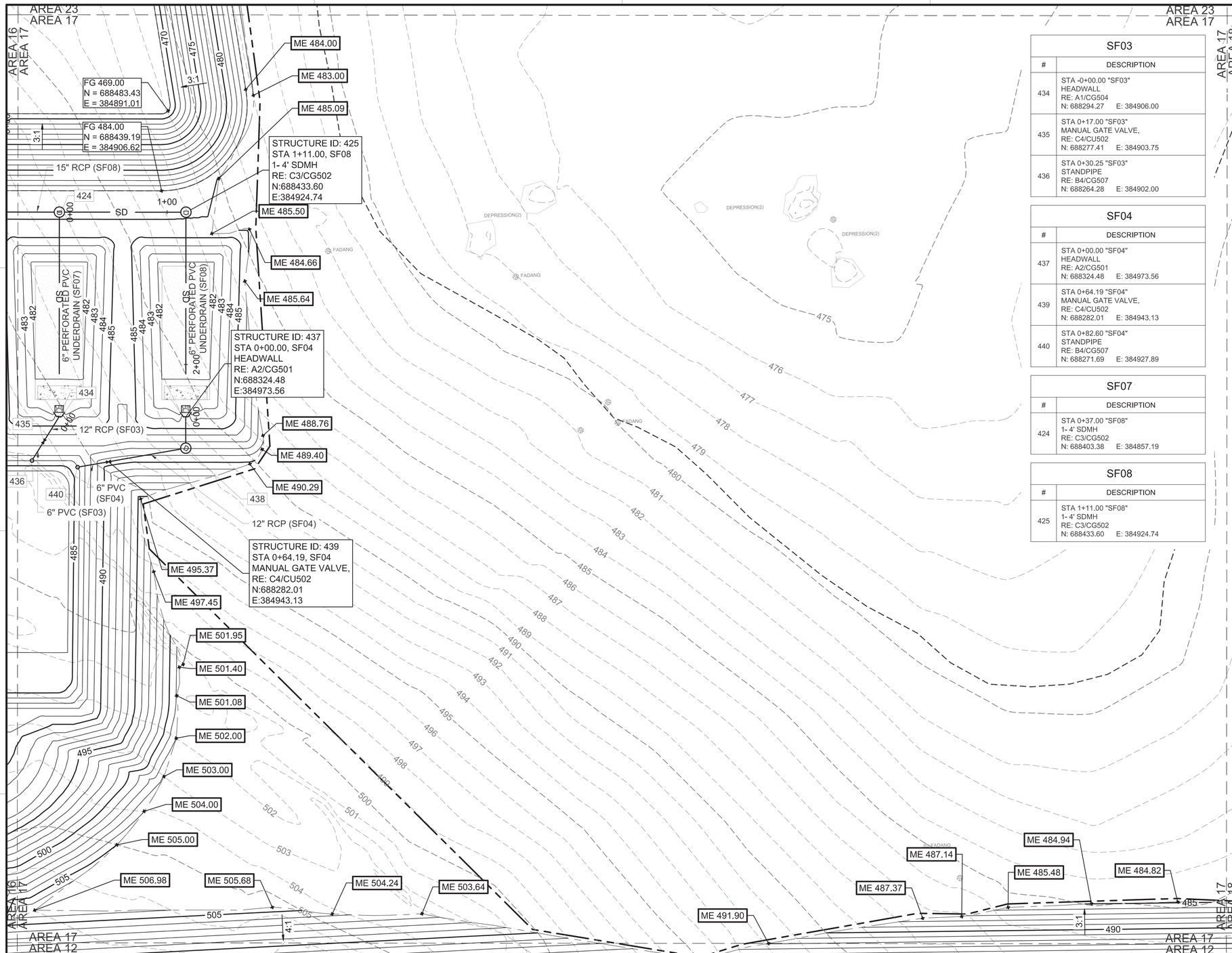
PLOTTED: 01/27/2026 10:37pm
USER: CamerS



A1 GRADING AND DRAINAGE PLAN - AREA 17

SCALE: 1" = 30'

SF03

#	DESCRIPTION
434	STA -0+00.00 "SF03" HEADWALL RE: A1/CG504 N: 688294.27 E: 384906.00
435	STA 0+17.00 "SF03" MANUAL GATE VALVE, RE: C4/CU502 N: 688277.41 E: 384903.75
436	STA 0+30.25 "SF03" STANDPIPE RE: B4/CG507 N: 688264.28 E: 384902.00

SF04

#	DESCRIPTION
437	STA 0+00.00 "SF04" HEADWALL RE: A2/CG501 N: 688324.48 E: 384973.56
439	STA 0+64.19 "SF04" MANUAL GATE VALVE, RE: C4/CU502 N: 688282.01 E: 384943.13
440	STA 0+82.60 "SF04" STANDPIPE RE: B4/CG507 N: 688271.69 E: 384927.89

SF07

#	DESCRIPTION
424	STA 0+37.00 "SF08" 1- 4' SDMH RE: C3/CG502 N: 688403.38 E: 384857.19

SF08

#	DESCRIPTION
425	STA 1+11.00 "SF08" 1- 4' SDMH RE: C3/CG502 N: 688433.60 E: 384924.74

GENERAL NOTES

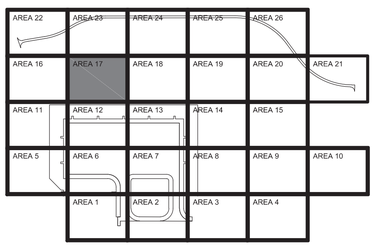
A	CONTOURS ARE AT 1' INTERVALS
B	ADJUST NEW AND EXISTING UTILITY COVERS TO NEW GRADE
C	REFER TO SHEETS CG201 TO CG210 FOR STORM DRAIN PROFILES
D	EXCAVATED SOIL WILL BE STOCKPILED ON SITE IN THE NORTHEAST CORNER AND NORTHWEST CORNER OF THE SITE. REFER TO SHEET GI001 FOR RECOMMENDED STOCKPILE AREAS.

KEYNOTES

485	RIP-RAP, RE: B4/CG501
487	LEVEL SPREADER, RE: B1/CG507

LEGEND

- RIP-RAP, RE: B4/CG501
- SAND FILTER, RE: B4/CG507
- LIMITS OF DISTURBANCE
- LIMITS OF GRADING
- EXISTING SINKHOLE
- 525 EXISTING MAJOR CONTOUR
- 524 EXISTING MINOR CONTOUR
- 524 MINOR CONTOUR
- 525 MAJOR CONTOUR
- TOP & BOTTOM OF BASIN
- SD STORM DRAIN
- HEADWALL, RE: A2/CG501
- D STORM DRAIN MANHOLE, RE: C3/CG502
- STORM DRAIN MANUAL GATE VALVE, RE: C4/CU502
- STANDPIPE, RE: B4/CG507
- ME MATCH EXISTING ELEVATION
- FG FINISHED GRADE ELEVATION
- XXX SLOPE (PERCENT)
- XXX STRUCTURE ID, REFER TO TABLE THIS SHEET



AREA 17
KEY PLAN

GRAPHIC SCALE

0 15' 30' 60'

SCALE: 1"=30'

NORTH ARROW

TRUE N

NAVFAC

STATE OF TEXAS
JENNIFER M. HAYNES
90167
LICENSED PROFESSIONAL ENGINEER
1/27/2026
TEXAS REGISTERED ENGINEERING FIRM F-3566 SEAL

Jacobs / BURNS McDONNELL
JACOBS/B&M, A JOINT VENTURE
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VA 22201
A/E Contract No. N62742-20-D-0002
A/E Task Order No. N62742-21F0315
JEG NO. D3430603 A/E INFO

APPROVED
FOR COMMANDER NAVFAC DATE 02/02/2026

ACTIVITY
AFIMSC APPROVAL PER NAVFAC SAT-TO CHECKLIST

SATISFACTORY TO DATE 31 DEC 2025

DES:	JMH	DRW: SMC	REV: ATM
PM/DM			KKK
BRANCH MANAGER			SMK
CHIEF ENG/ARCH			SMK
FIRE PROTECTION			RO

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVFAC PACIFIC
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND - PACIFIC
JOINT REGION MARIANAS (JRM)
ANDERSEN AIR FORCE BASE
GUAM

FY24 AJJY183012 (P-012),
PDI: NORTH AIRCRAFT PARKING RAMP
GRADING AND DRAINAGE PLAN - AREA 17

SCALE: AS SHOWN
EPROJECTS NO.: 1665555
CONSTR CONTROL NO.
NAVFAC DRAWING NO. 17361815
SHEET 193 OF 377

CG118

REDESIGN FINAL SUBMITTAL

IF SHEET IS LESS THAN 22" X 34" REDUCED PRINT. USE GRAPHIC SCALES

FILE NAME: U:\BLDG\NAVFAC Pacific\D3430603 - P-012 North Aircraft Parking Ramp\700 Working Documents\740 Sheets\740.01 Civil\P012_1665555_CG118.dwg
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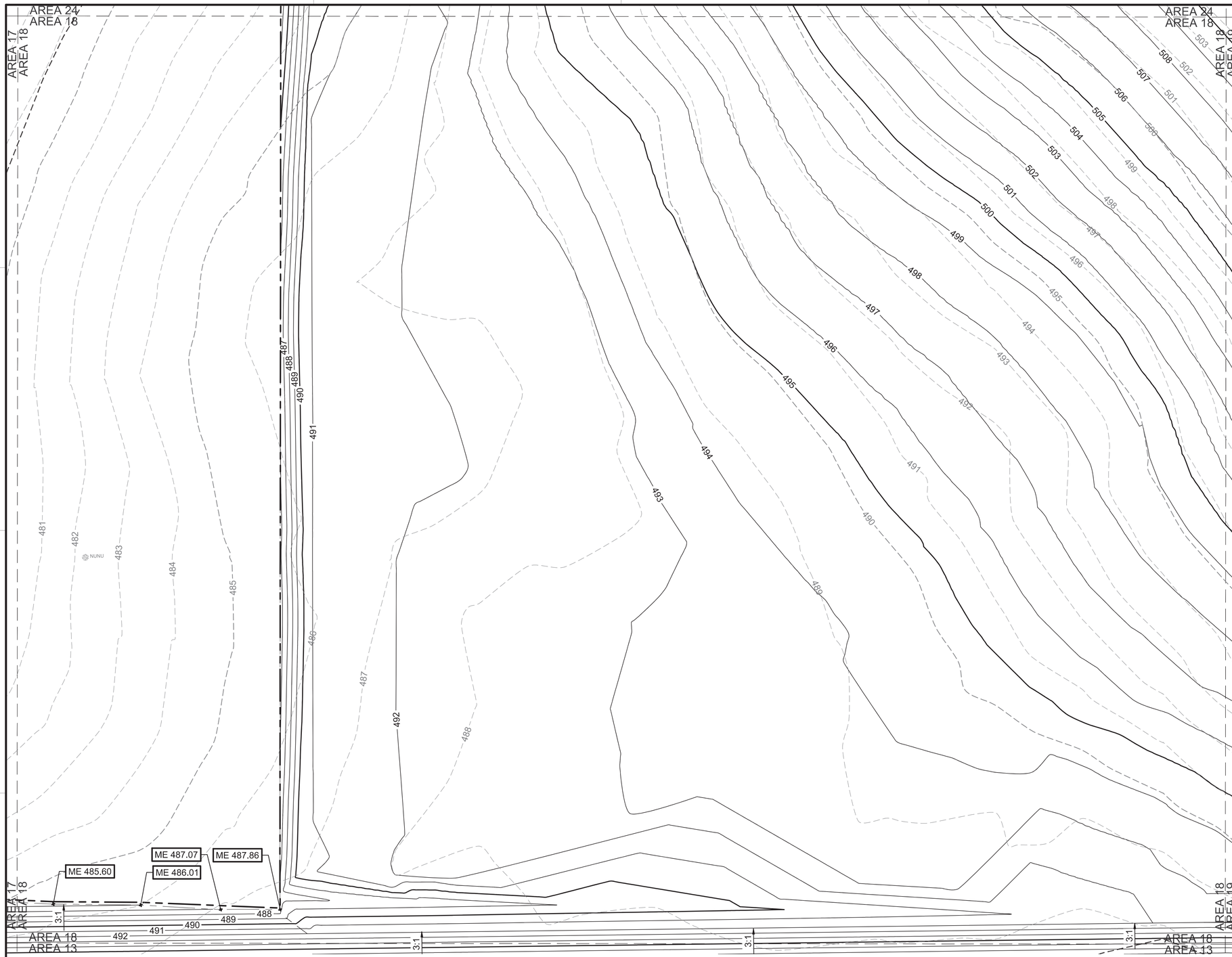
PLOTTED: 01/27/2026 10:43pm
USER: CamveaS



A1 GRADING AND DRAINAGE PLAN - AREA 18

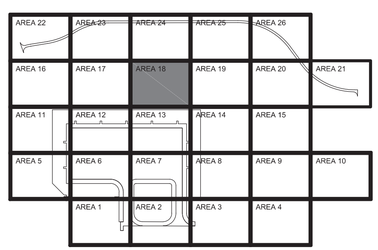
SCALE: 1" = 30'

GENERAL NOTES

A	CONTOURS ARE AT 1' INTERVALS
B	ADJUST NEW AND EXISTING UTILITY COVERS TO NEW GRADE
C	EXCAVATED SOIL WILL BE STOCKPILED ON SITE IN THE NORTHEAST CORNER AND NORTHWEST CORNER OF THE SITE. REFER TO SHEET GI001 FOR RECOMMENDED STOCKPILE AREAS.

LEGEND

	LIMITS OF DISTURBANCE
	LIMITS OF GRADING
	EXISTING SINKHOLE
525	EXISTING MAJOR CONTOUR
524	EXISTING MINOR CONTOUR
524	MINOR CONTOUR
525	MAJOR CONTOUR
ME	MATCH EXISTING ELEVATION
XXX	SLOPE (PERCENT)



AREA 18
KEY PLAN

GRAPHIC SCALE

0 15' 30' 60'

SCALE: 1"=30'

NORTH ARROW

TRUE N

NAVFAC

STATE OF TEXAS
JENNIFER M. HAYNES
90167
LICENSED
PROFESSIONAL ENGINEER
1/27/2026
TEXAS REGISTERED ENGINEERING FIRM F-3566 SEAL

Jacobs / BURNS & McDONNELL
JACOBS/B&M, A JOINT VENTURE
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VA 22201

A/E Contract No. N62742-20-D-0002
A/E Task Order No. N62742-21F0315
JEG NO. 23430603
A/E INFO

APPROVED
FOR COMMANDER NAVFAC DATE 02/02/2026

ACTIVITY
AFIMSC APPROVAL PER NAVFAC SAT-TO CHECKLIST

SATISFACTORY TO DATE 31 DEC 2025

DES: JMH	DRW: SMC	REV:	ATM
PM/DM			KKK
BRANCH MANAGER			SMK
CHIEF ENG/ARCH			SMK
FIRE PROTECTION			RO

DEPARTMENT OF THE NAVY
NAVFAC PACIFIC
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND – PACIFIC
JOINT REGION MARIANAS (JRM)
ANDERSEN AIR FORCE BASE
GUAM

FY24 AJJY183012 (P-012),
PDI: NORTH AIRCRAFT PARKING RAMP
GRADING AND DRAINAGE PLAN - AREA 18

SCALE: AS SHOWN
EPROJECTS NO.: 1665555
CONSTR CONTROL NO.
NAVFAC DRAWING NO. 17361816
SHEET 194 OF 377

CG119

REDESIGN FINAL SUBMITTAL

IF SHEET IS LESS THAN 22" X 34" REDUCED PRINT. USE GRAPHIC SCALES

FILE NAME: U:\BLDG\NAVFAC Pacific\D3430603 – P-012 North Aircraft Parking Ramp\700 Working Documents\740 Sheets\740.01 Civil\P012_1665555_CG119.dwg
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PLOTTED: 01/27/2026 10:46pm
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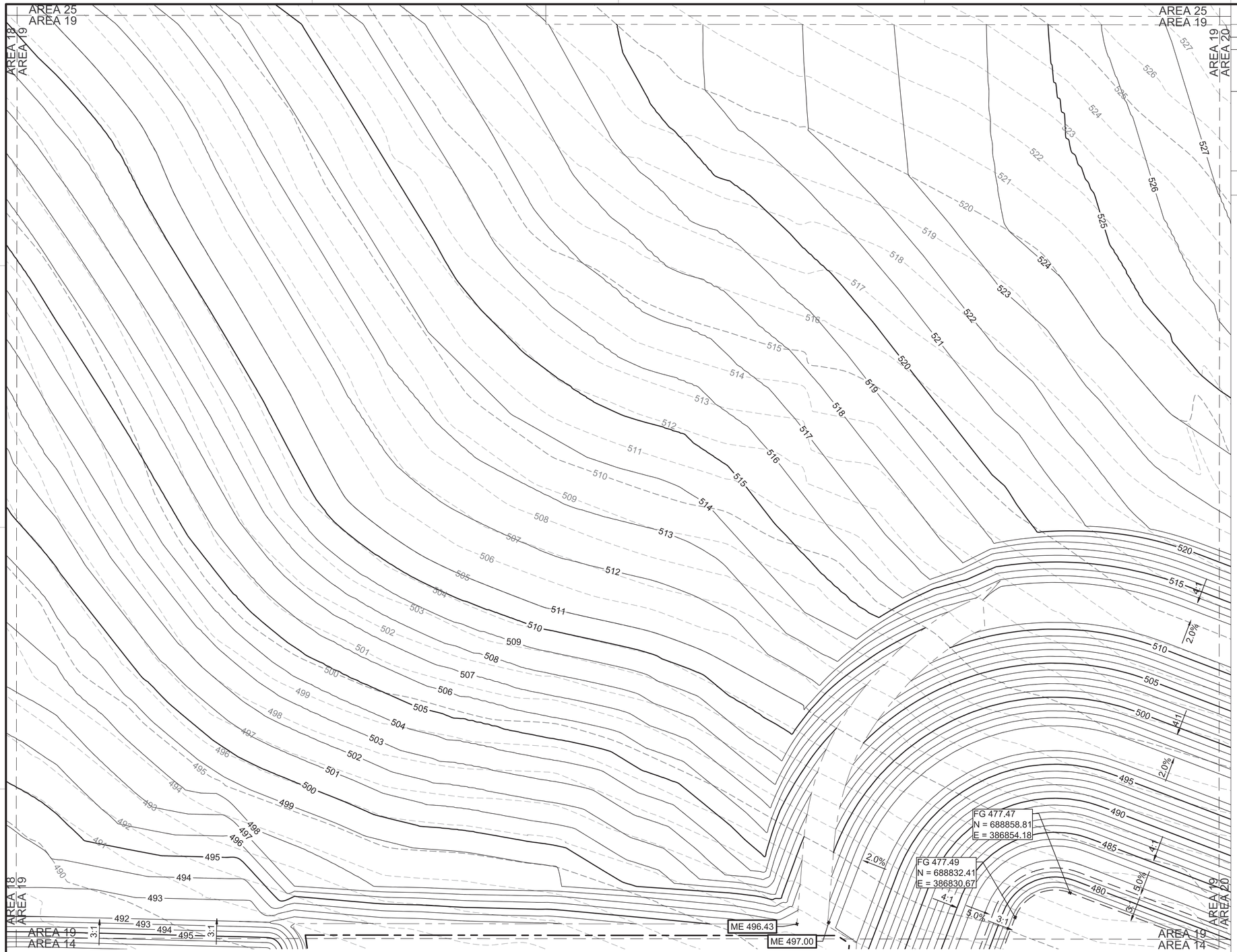


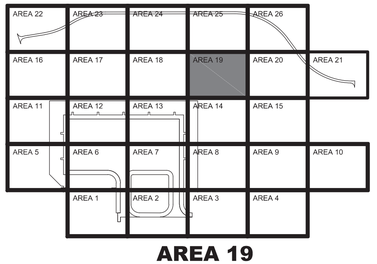
A1 GRADING AND DRAINAGE PLAN - AREA 19
SCALE: 1" = 30'

GENERAL NOTES

A	CONTOURS ARE AT 1' INTERVALS
B	ADJUST NEW AND EXISTING UTILITY COVERS TO NEW GRADE
C	EXCAVATED SOIL WILL BE STOCKPILED ON SITE IN THE NORTHEAST CORNER AND NORTHWEST CORNER OF THE SITE. REFER TO SHEET GI001 FOR RECOMMENDED STOCKPILE AREAS.

LEGEND

	LIMITS OF DISTURBANCE
	LIMITS OF GRADING
525	EXISTING MAJOR CONTOUR
524	EXISTING MINOR CONTOUR
524	MINOR CONTOUR
525	MAJOR CONTOUR
ME	MATCH EXISTING ELEVATION
XXX	SLOPE (PERCENT)



AREA 19
KEY PLAN

GRAPHIC SCALE
0 15' 30' 60'
SCALE: 1"=30'

NORTH ARROW
TRUE N

NAVFAC

STATE OF TEXAS
JENNIFER M. HAYNES
90167
LICENSED
PROFESSIONAL ENGINEER
1/27/2026
TEXAS REGISTERED ENGINEERING FIRM F-2966 SEAL

Jacobs / BURNS McDONNELL
JACOBS/B&M, A JOINT VENTURE
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VA 22201

A/E Contract No. N62742-20-D-0002
A/E Task Order No. N62742-21F0315
JEG NO. 03430603 A/E INFO

APPROVED
FOR COMMANDER NAVFAC DATE 02/02/2026

ACTIVITY
AFIMSC APPROVAL PER NAVFAC SAT-TO CHECKLIST

SATISFACTORY TO DATE 31 DEC 2025

DES:	JMH	DRW: SMC	REV: ATM
PM/DM			KKK
BRANCH MANAGER			SMK
CHIEF ENG/ARCH			SMK
FIRE PROTECTION			RO

DEPARTMENT OF THE NAVY
NAVFAC PACIFIC
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND – PACIFIC
JOINT REGION MARIANAS (JRM)
ANDERSEN AIR FORCE BASE
GUAM

FY24 AJJY183012 (P-012)
PDI: NORTH AIRCRAFT PARKING RAMP
GRADING AND DRAINAGE PLAN - AREA 19

SCALE: AS SHOWN
EPROJECTS NO.: 1665555
CONSTR CONTROL NO.
NAVFAC DRAWING NO. 17361817
SHEET 195 OF 377

CG120

REDESIGN FINAL SUBMITTAL

IF SHEET IS LESS THAN 22" X 34"
REDUCED PRINT. USE GRAPHIC SCALES

FILE NAME: U:\BLDG\NAVFAC Pacific\03430603 - P-012 North Aircraft Parking Ramp\700 Working Documents\740 Sheets\740.01 Civil\P012_1665555_CG120.dwg
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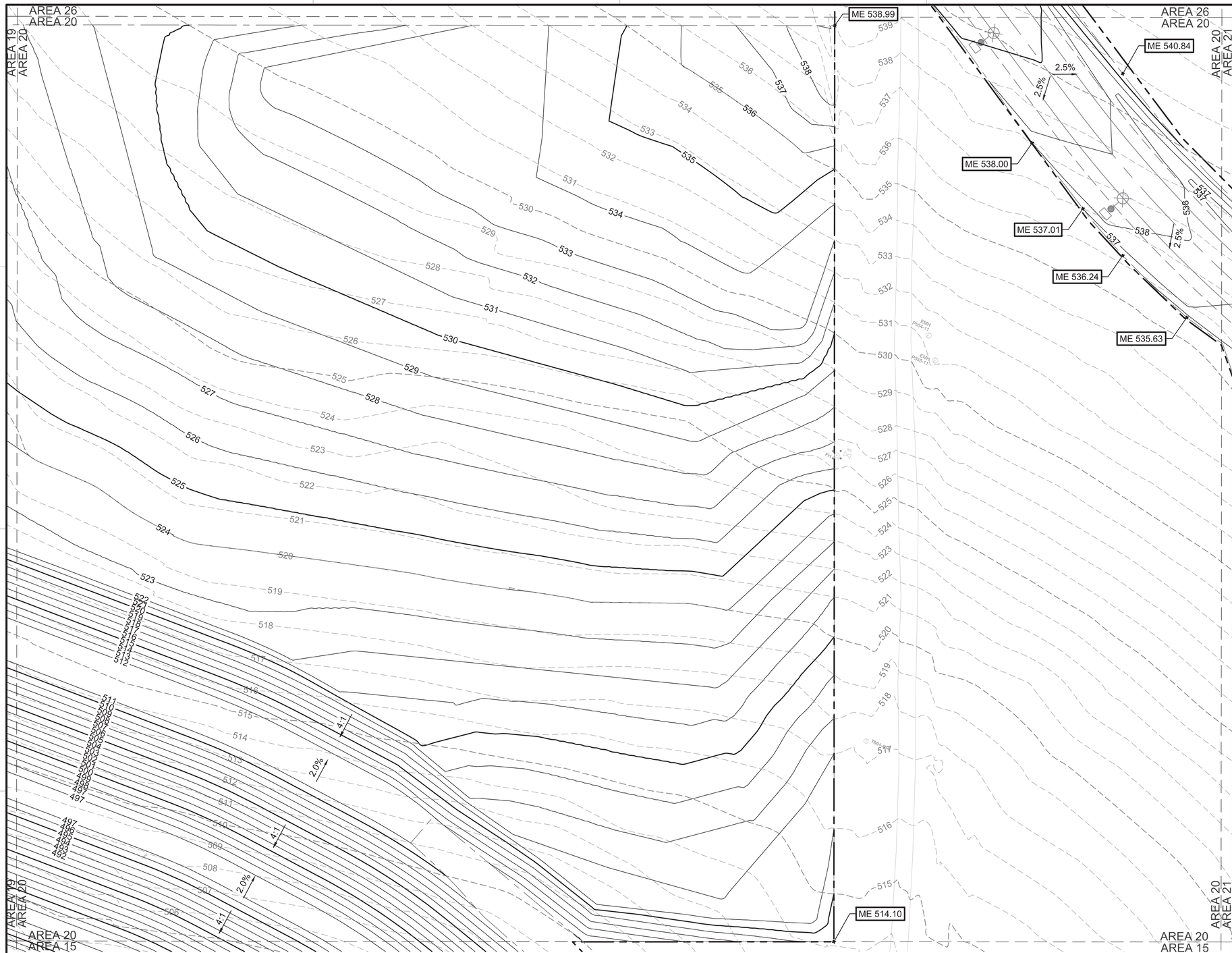


A1 GRADING AND DRAINAGE PLAN - AREA 20

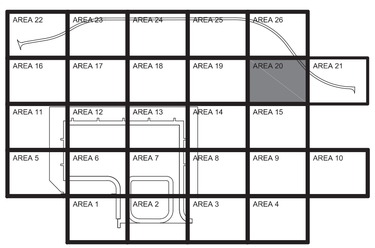
SCALE: 1" = 30'

GENERAL NOTES

A	CONTOURS ARE AT 1' INTERVALS
B	ADJUST NEW AND EXISTING UTILITY COVERS TO NEW GRADE
C	EXCAVATED SOIL WILL BE STOCKPILED ON SITE IN THE NORTHEAST CORNER AND NORTHWEST CORNER OF THE SITE. REFER TO SHEET GI001 FOR RECOMMENDED STOCKPILE AREAS.

LEGEND

	LIMITS OF DISTURBANCE
	LIMITS OF GRADING
525	EXISTING MAJOR CONTOUR
524	EXISTING MINOR CONTOUR
524	MINOR CONTOUR
525	MAJOR CONTOUR
	ROADWAY CENERLINE
ME	MATCH EXISTING ELEVATION
XXX	SLOPE (PERCENT)
	EXISTING ELECTRICAL MANHOLE/HANDHOLE



AREA 20
KEY PLAN

GRAPHIC SCALE

0 15' 30' 60'

SCALE: 1"=30'

NORTH ARROW

TRUE N

NAVFAC

STATE OF TEXAS
JENNIFER M. HAYNES
90167
LICENSED
PROFESSIONAL ENGINEER
1/27/2026
TEXAS REGISTERED ENGINEERING FIRM F-3566 SEAL

Jacobs / BURNS McDONNELL
JACOBS/B&M, A JOINT VENTURE
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VA 22201

A/E Contract No. N62742-20-D-0002
A/E Task Order No. N62742-21F0315
JCG NO. 03430603 A/E INFO

APPROVED
FOR COMMANDER NAVFAC DATE 02/02/2026

ACTIVITY
AFIMSC APPROVAL PER NAVFAC SAT-TO CHECKLIST

SATISFACTORY TO DATE 31 DEC 2025

DES:	JMH	DRW: SMC	REV: ATM
PM/DM			KKK
BRANCH MANAGER			SMK
CHIEF ENG/ARCH			SMK
FIRE PROTECTION			RO

DEPARTMENT OF THE NAVY
NAVFAC PACIFIC
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND – PACIFIC
JOINT REGION MARIANAS (JRM)
ANDERSEN AIR FORCE BASE
GUAM

FY24 AJJY183012 (P-012),
PDI: NORTH AIRCRAFT PARKING RAMP
GRADING AND DRAINAGE PLAN - AREA 20

SCALE: AS SHOWN
EPROJECTS NO.: 1665555
CONSTR CONTROL NO.
NAVFAC DRAWING NO. 17361818
SHEET 196 OF 377

CG121

REDESIGN FINAL SUBMITTAL

IF SHEET IS LESS THAN 22" X 34" REDUCED PRINT. USE GRAPHIC SCALES

FILE NAME: U:\BLDG\NAVFAC Pacific\03430603 – P-012 North Aircraft Parking Ramp\700 Working Documents\740 Sheets\740.01 Civil\P012_1665555_CG121.dwg
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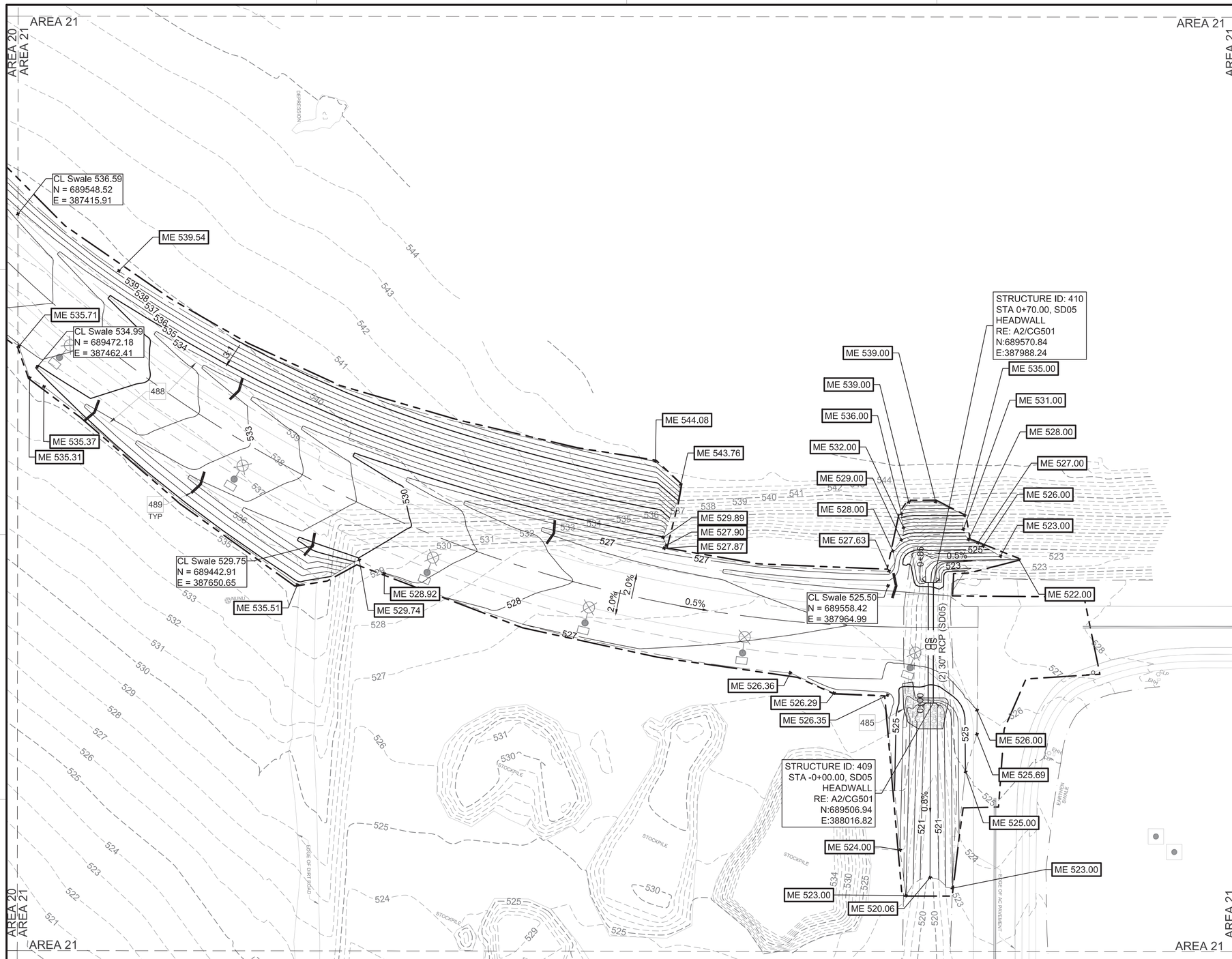
PLOTTED: 01/27/2026 10:55pm
USER: CamaroS



A1 GRADING AND DRAINAGE PLAN - AREA 21
SCALE: 1" = 30'

GENERAL NOTES

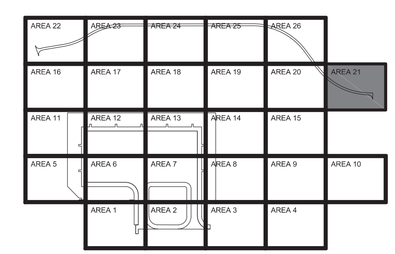
A	CONTOURS ARE AT 1' INTERVALS
B	ADJUST NEW AND EXISTING UTILITY COVERS TO NEW GRADE
C	REFER TO SHEETS CS201 TO CS207 FOR ROADWAY PROFILES
D	EXCAVATED SOIL WILL BE STOCKPILED ON SITE IN THE NORTHEAST CORNER AND NORTHWEST CORNER OF THE SITE. REFER TO SHEET GI001 FOR RECOMMENDED STOCKPILE AREAS.

KEYNOTES

485	RIP-RAP, RE: B4/CG501
488	2.0' BOTTOM DRY SWALE, RE: D1/CG502
489	ROCK CHECK DAM, RE: C3/CG503

LEGEND

	RIP-RAP, RE: B4/CG501
	LIMITS OF DISTURBANCE
	LIMITS OF GRADING
525	EXISTING MAJOR CONTOUR
524	EXISTING MINOR CONTOUR
524	MINOR CONTOUR
525	MAJOR CONTOUR
	CENTERLINE OF SWALE
	ROADWAY CENERLINE
SD	STORM DRAIN
	HEADWALL, RE: A2/CG501
CL	CENTERLINE ELEVATION
ME	MATCH EXISTING ELEVATION
XXX	SLOPE (PERCENT)
	ROCK CHECK DAM, RE: C3/CG503



AREA 21
KEY PLAN

GRAPHIC SCALE
0 15' 30' 60'
SCALE: 1"=30'

NORTH ARROW
TRUE N

NAVFAC

STATE OF TEXAS
JENNIFER M. HAYNES
90167
LICENSED
PROFESSIONAL ENGINEER
1/27/2026
TEXAS REGISTERED ENGINEERING FIRM F-3966 SEAL

Jacobs / BURNS McDONNELL
JACOBS/B&M, A JOINT VENTURE
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VA 22201
A/E Contract No. N62742-20-D-0002
A/E Task Order No. N62742219 0315
JCG NO. 03430603
A/E INFO

APPROVED
FOR COMMANDER NAVFAC DATE 02/02/2026

ACTIVITY
AFIMSC APPROVAL PER NAVFAC SAT-TO CHECKLIST

SATISFACTORY TO DATE	31 DEC 2025
DES: JMH DRW: SMC REV: ATM	
PM/DM	KKK
BRANCH MANAGER	SMK
CHIEF ENG/ARCH	SMK
FIRE PROTECTION	RO

DEPARTMENT OF THE NAVY
NAVFAC PACIFIC
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ PACIFIC
JOINT REGION MARIANAS (JRM)
ANDERSEN AIR FORCE BASE
GUAM

FY24 AJJY183012 (P-012)
PDI: NORTH AIRCRAFT PARKING RAMP
GRADING AND DRAINAGE PLAN - AREA 21

SCALE:	AS SHOWN
EPROJECTS NO.:	1665555
CONSTR CONTROL NO.	
NAVFAC DRAWING NO.	17361819
SHEET	197 OF 377

CG122

REDESIGN FINAL SUBMITTAL

IF SHEET IS LESS THAN 22" X 34" REDUCED PRINT. USE GRAPHIC SCALES

FILE NAME: U:\BLDG\NAVFAC Pacific\D3430603 - P-012 North Aircraft Parking Ramp\700 Working Documents\740 Sheets\740.01 Civil\P012_1665555_CG122.dwg
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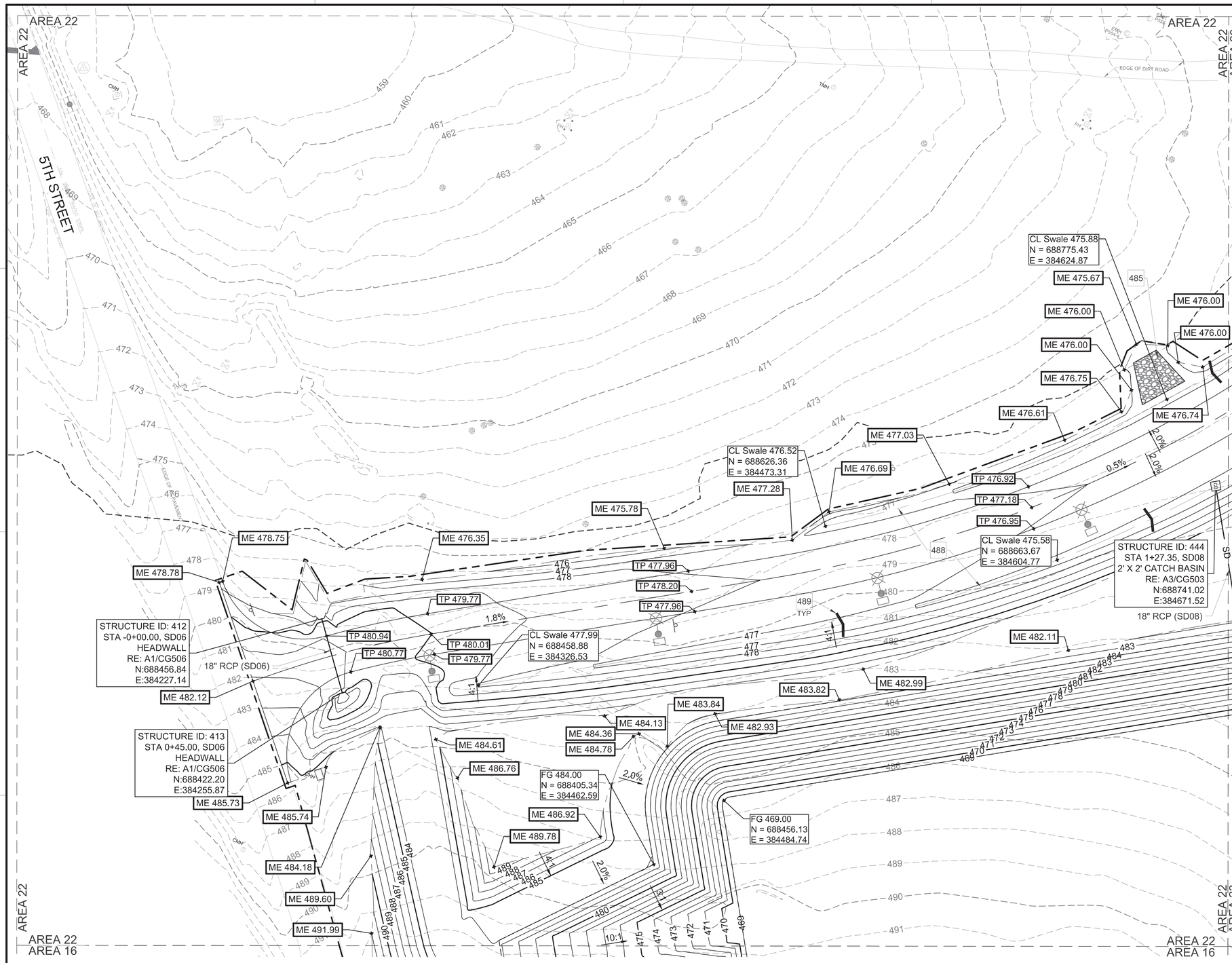


A1 GRADING AND DRAINAGE PLAN - AREA 22

SCALE: 1" = 30'

GENERAL NOTES

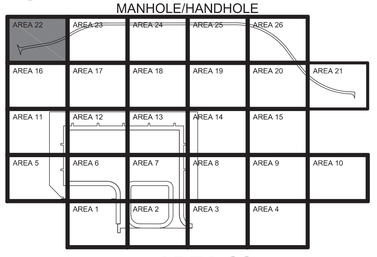
A	CONTOURS ARE AT 1' INTERVALS
B	ADJUST NEW AND EXISTING UTILITY COVERS TO NEW GRADE
C	REFER TO SHEETS CS201 TO CS207 FOR ROADWAY PROFILES
D	REFER TO SHEETS CG201 TO CG210 FOR STORM DRAIN PROFILES
E	EXCAVATED SOIL WILL BE STOCKPILED ON SITE IN THE NORTHEAST CORNER AND NORTHWEST CORNER OF THE SITE. REFER TO SHEET GI001 FOR RECOMMENDED STOCKPILE AREAS.

KEYNOTES

485	RIP-RAP, RE: B4/CG501
488	2.0' BOTTOM DRY SWALE, RE: D1/CG502
489	ROCK CHECK DAM, RE: C3/CG503

LEGEND

	RIP-RAP, RE: B4/CG501
	LIMITS OF DISTURBANCE
	LIMITS OF GRADING
	EXISTING SINKHOLE
525	EXISTING MAJOR CONTOUR
524	EXISTING MINOR CONTOUR
524	MINOR CONTOUR
525	MAJOR CONTOUR
	CENTERLINE OF SWALE
	ROADWAY CENERLINE
	TOP & BOTTOM OF BASIN
SD	STORM DRAIN
	HEADWALL, RE: A2/CG501
CB	CATCH BASIN, RE: A3/CG503
TP	TOP OF PAVEMENT ELEVATION
ME	MATCH EXISTING ELEVATION
FG	FINISHED GRADE ELEVATION
CL	CENTERLINE ELEVATION
XXX	SLOPE (PERCENT)
	ROCK CHECK DAM, RE: C3/CG503
	FIRE HYDRANT RE: C1/CU502
	EXISTING WATER VALVE
	EXISTING COMMUNICATION MANHOLE
	EXISTING ELECTRICAL MANHOLE/HANDHOLE



AREA 22
KEY PLAN

GRAPHIC SCALE

0 15' 30' 60'

SCALE: 1"=30'

NORTH ARROW

TRUE N

NAVFAC

STATE OF TEXAS
JENNIFER M. HAYNES
90167
LICENSED
PROFESSIONAL ENGINEER
1/27/2026
TEXAS REGISTERED ENGINEERING FIRM F-3966 SEAL

Jacobs / BURNS McDONNELL
JACOBS/B&M, A JOINT VENTURE
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VA 22201

A/E Contract No. N62742-20-D-0002
A/E Task Order No. N62742-21F0315
JEG NO. D3430603 A/E INFO

APPROVED
FOR COMMANDER NAVFAC DATE 02/02/2026

ACTIVITY
AFIMSC APPROVAL PER NAVFAC SAT-TO CHECKLIST

SATISFACTORY TO DATE 31 DEC 2025

DES:	JMH	DRW: SMC	REV: ATM
PM/DM			KKK
BRANCH MANAGER			SMK
CHIEF ENG/ARCH			SMK
FIRE PROTECTION			RO

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVFAC PACIFIC
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND – PACIFIC
JOINT REGION MARIANAS (JRM)
ANDERSEN AIR FORCE BASE
GUAM

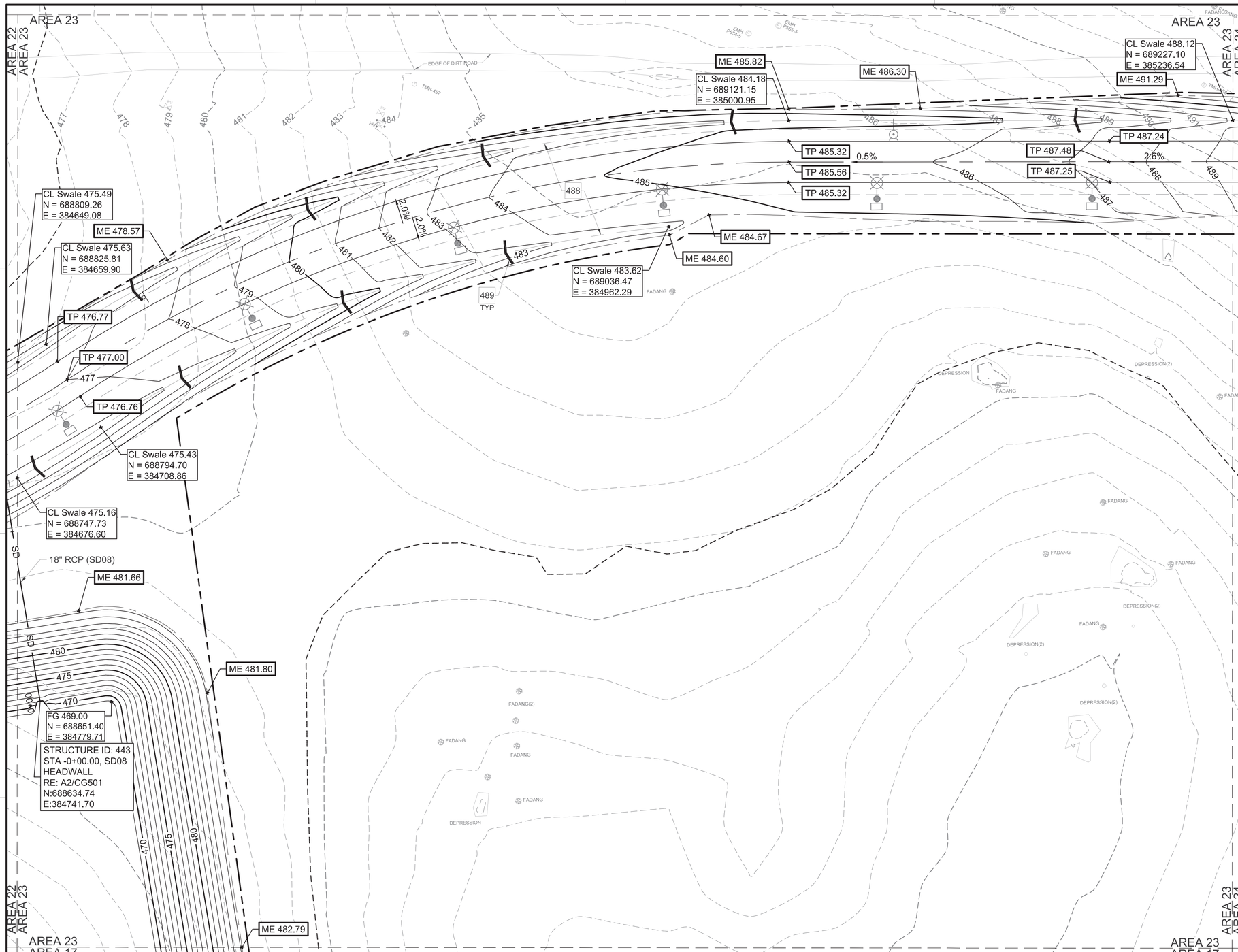
FY24 AJJY183012 (P-012),
PDI: NORTH AIRCRAFT PARKING RAMP
GRADING AND DRAINAGE PLAN - AREA 22

SCALE: AS SHOWN
EPROJECTS NO.: 1665555
CONSTR CONTROL NO.
NAVFAC DRAWING NO. 17361820
SHEET 198 OF 377
CG123

REDESIGN FINAL SUBMITTAL

IF SHEET IS LESS THAN 22" X 34"
REDUCED PRINT. USE GRAPHIC SCALES

FILE NAME: U:\BLDG\NAVFAC Pacific\D3430603 – P-012 North Aircraft Parking Ramp\700 Working Documents\740 Sheets\740.01 Civil\P012_1665555_CG123.dwg
LAYOUT NAME: GRADING AND DRAINAGE PLAN – AREA 22
PLOTTED: 01/27/2026 11:04pm
USER: CamveaS



A1 GRADING AND DRAINAGE PLAN - AREA 23
SCALE: 1" = 30'

GENERAL NOTES

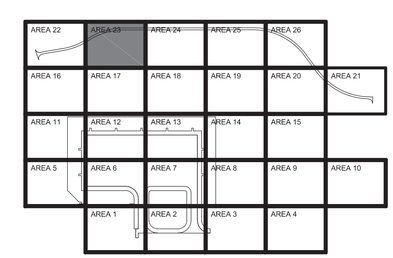
A	CONTOURS ARE AT 1' INTERVALS
B	ADJUST NEW AND EXISTING UTILITY COVERS TO NEW GRADE
C	REFER TO SHEETS CS201 TO CS207 FOR ROADWAY PROFILES
D	REFER TO SHEETS CG201 TO CG210 FOR STORM DRAIN PROFILES
E	EXCAVATED SOIL WILL BE STOCKPILED ON SITE IN THE NORTHEAST CORNER AND NORTHWEST CORNER OF THE SITE. REFER TO SHEET GI001 FOR RECOMMENDED STOCKPILE AREAS.

KEYNOTES

488	2.0' BOTTOM DRY SWALE, RE: D1/CG502
489	ROCK CHECK DAM, RE: C3/CG503

LEGEND

	LIMITS OF DISTURBANCE
	LIMITS OF GRADING
	EXISTING SINKHOLE
525	EXISTING MAJOR CONTOUR
524	EXISTING MINOR CONTOUR
524	MINOR CONTOUR
525	MAJOR CONTOUR
	CENTERLINE OF SWALE
	ROADWAY CENERLINE
	TOP & BOTTOM OF BASIN
SD	STORM DRAIN
	HEADWALL, RE: A2/CG501
TP	TOP OF PAVEMENT ELEVATION
FG	FINISHED GRADE ELEVATION
ME	MATCH EXISTING ELEVATION
CL	CENTERLINE ELEVATION
XXX	SLOPE (PERCENT)
	FIRE HYDRANT RE: C1/CU502
	EXISTING WATER VALVE
	EXISTING COMMUNICATION MANHOLE
	EXISTING ELECTRICAL MANHOLE



AREA 23
KEY PLAN

GRAPHIC SCALE
0 15' 30' 60'
SCALE: 1"=30'

NORTH ARROW
TRUE N

STATE OF TEXAS
JENNIFER M. HAYNES
90167
LICENSED
PROFESSIONAL ENGINEER
1/27/2026
TEXAS REGISTERED ENGINEERING FIRM F-3966 SEAL

Jacobs / BURNS McDONNELL
JACOBS/B&M, A JOINT VENTURE
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VA 22201
A/E Contract No. N62742-20-D-0002
A/E Task Order No. N62742219315
JCG NO. 03430603
A/E INFO

APPROVED
FOR COMMANDER NAVFAC DATE 02/02/2026

ACTIVITY
AFIMSC APPROVAL PER NAVFAC SAT-TO CHECKLIST
SATISFACTORY TO DATE 31 DEC 2025

DES: JMH	DRW: SMC	REV:	ATM
PM/DM			KKK
BRANCH MANAGER			SMK
CHIEF ENG/ARCH			SMK
FIRE PROTECTION			RO

DEPARTMENT OF THE NAVY
NAVFAC PACIFIC
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND – PACIFIC
JOINT REGION MARIANAS (JRM)
ANDERSEN AIR FORCE BASE
GUAM

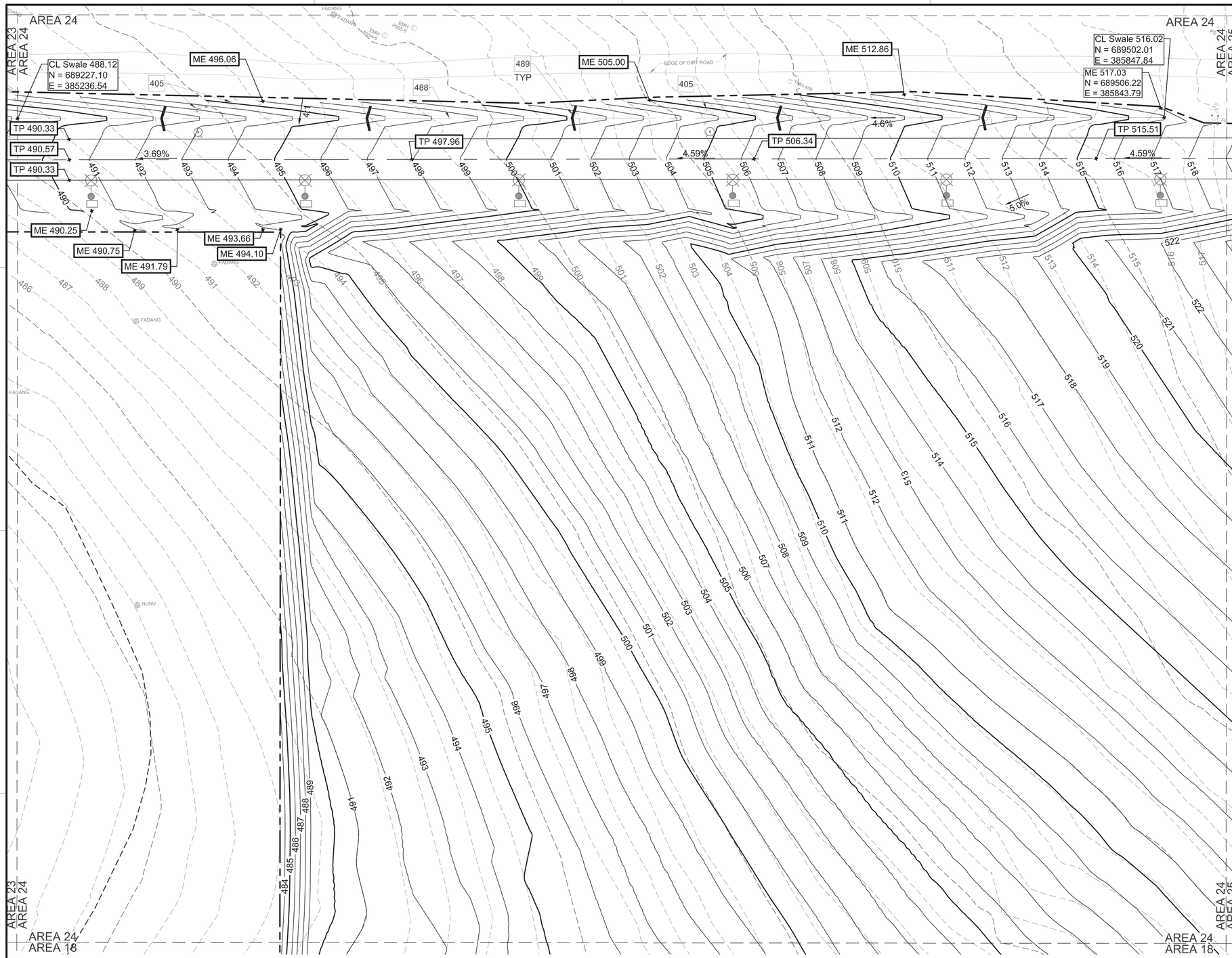
FY24 AJJY183012 (P-012),
PDI: NORTH AIRCRAFT PARKING RAMP
GRADING AND DRAINAGE PLAN - AREA 23

SCALE: AS SHOWN
EPROJECTS NO.: 1665555
CONSTR CONTROL NO.
NAVFAC DRAWING NO. 17361821
SHEET 199 OF 377
CG124

REDESIGN FINAL SUBMITTAL

IF SHEET IS LESS THAN 22" X 34" REDUCED PRINT. USE GRAPHIC SCALES

FILE NAME: U:\BLDG\NAVFAC Pacific\03430603 – P-012 North Aircraft Parking Ramp\700 Working Documents\740 Sheets\740.01 Civil\P012_1665555_CG124.dwg
LAYOUT NAME: GRADING AND DRAINAGE PLAN – AREA 23
PLOTTED: 01/27/2026 11:08pm
USER: CamerosS



A1 GRADING AND DRAINAGE PLAN - AREA 24
SCALE: 1" = 30'

GENERAL NOTES

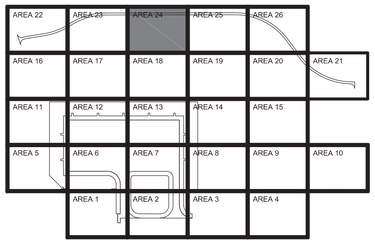
A	CONTOURS ARE AT 1' INTERVALS
B	ADJUST NEW AND EXISTING UTILITY COVERS TO NEW GRADE
C	REFER TO SHEETS CS201 TO CS207 FOR ROADWAY PROFILES
D	EXCAVATED SOIL WILL BE STOCKPILED ON SITE IN THE NORTHEAST CORNER AND NORTHWEST CORNER OF THE SITE. REFER TO SHEET GI001 FOR RECOMMENDED STOCKPILE AREAS.

KEYNOTES

405	ADJUST WATER VALVE TO GRADE RE: A4/CU502
488	2.0' BOTTOM DRY SWALE, RE: D1/CG502
489	ROCK CHECK DAM, RE: C3/CG503

LEGEND

	LIMITS OF DISTURBANCE
	LIMITS OF GRADING
	EXISTING SINKHOLE
525	EXISTING MAJOR CONTOUR
524	EXISTING MINOR CONTOUR
524	MINOR CONTOUR
525	MAJOR CONTOUR
	CENTERLINE OF SWALE
	ROADWAY CENERLINE
TP	TOP OF PAVEMENT ELEVATION
CL	CENTERLINE ELEVATION
FG	FINISHED GRADE ELEVATION
XXX	SLOPE (PERCENT)
	ROCK CHECK DAM, RE: C3/CG503
	EXISTING COMMUNICATION MANHOLE
	FIRE HYDRANT RE: C1/CU502
	EXISTING WATER VALVE
	EXISTING ELECTRICAL MANHOLE/HANDHOLE



AREA 24
KEY PLAN

GRAPHIC SCALE
0 15' 30' 60'
SCALE: 1"=30'

NORTH ARROW
TRUE N

IF SHEET IS LESS THAN 22" X 34" REDUCED PRINT. USE GRAPHIC SCALES

NAVFAC

STATE OF TEXAS
JENNIFER M. HAYNES
90167
LICENSED PROFESSIONAL ENGINEER
1/27/2026
TEXAS REGISTERED ENGINEERING FIRM F-3066 SEAL

Jacobs / BURNS McDONNELL
JACOBS/B&M, A JOINT VENTURE
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VA 22201
A/E Contract No. N62742-20-D-0002
A/E Task Order No. N62742219315
JCG NO. 234363603
A/E INFO

APPROVED
FOR COMMANDER NAVFAC DATE 02/02/2026

ACTIVITY
AFIMSC APPROVAL PER NAVFAC SAT-TO CHECKLIST

SATISFACTORY TO DATE 31 DEC 2025

DES: JMH	DRW: SMC	REV:	ATM
PM/OM			KKK
BRANCH MANAGER			SMK
CHIEF ENG/ARCH			SMK
FIRE PROTECTION			RO

DEPARTMENT OF THE NAVY
NAVFAC PACIFIC
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ PACIFIC
JOINT REGION MARIANAS (JRM)
ANDERSEN AIR FORCE BASE
GUAM

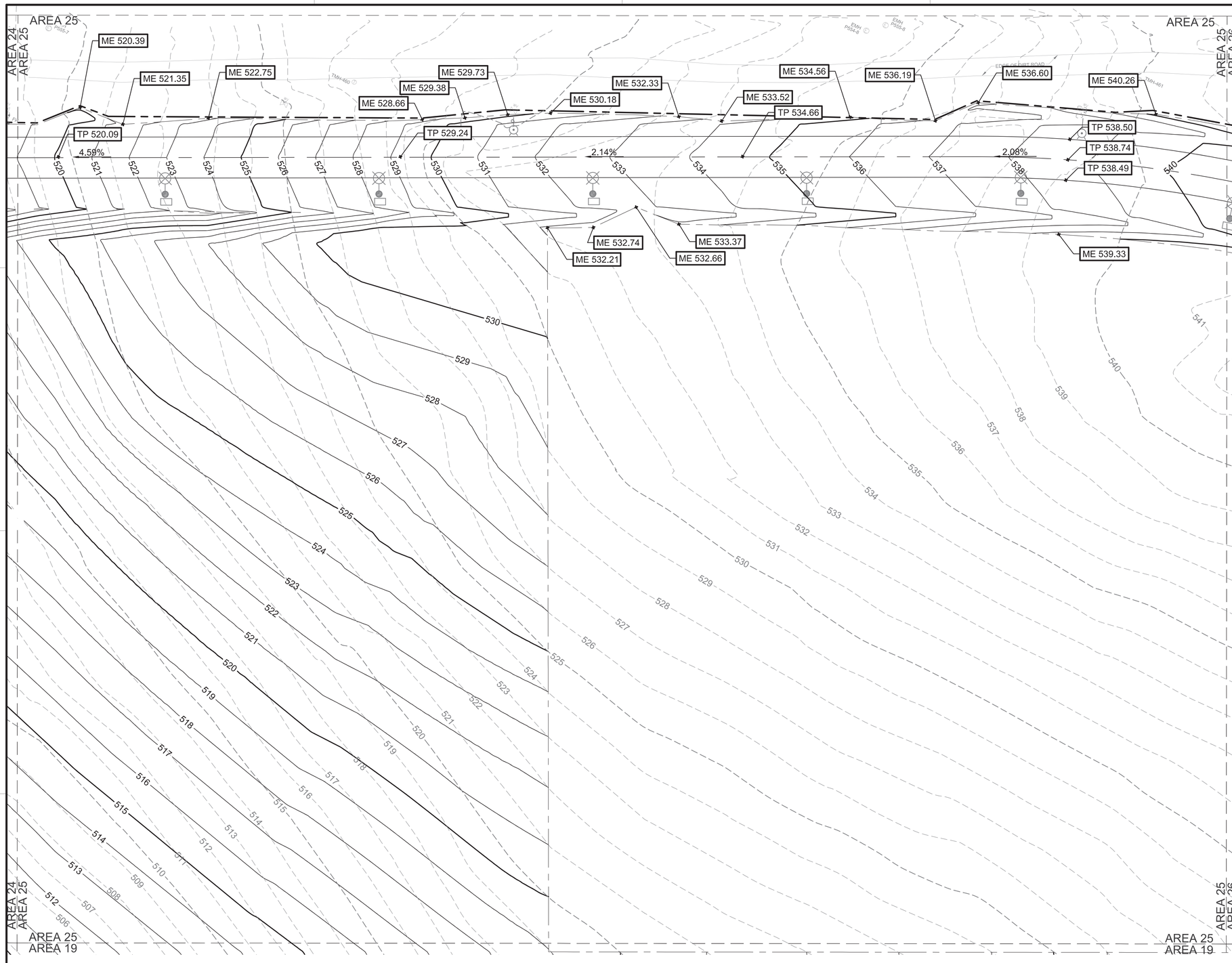
FY24 AJJY183012 (P-012),
PDI: NORTH AIRCRAFT PARKING RAMP
GRADING AND DRAINAGE PLAN - AREA 24

SCALE: AS SHOWN
EPROJECTS NO.: 1665555
CONSTR CONTROL NO.
NAVFAC DRAWING NO. 17361822
SHEET 200 OF 377

CG125

REDESIGN FINAL SUBMITTAL

FILE NAME: U:\BLDG\NAVFAC Pacific\D3430603 - P-012 North Aircraft Parking Ramp\700 Working Documents\740 Sheets\740.01 Civil\P012_1665555_CG125.dwg
LAYOUT NAME: GRADING AND DRAINAGE PLAN - AREA 24
PLOTTED: 01/27/2026 11:12pm
USER: CamersS



A1 GRADING AND DRAINAGE PLAN - AREA 25

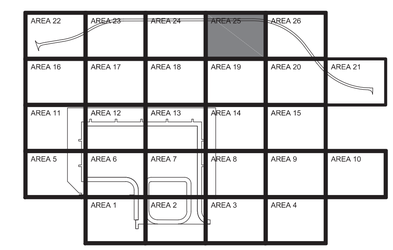
SCALE: 1" = 30'

GENERAL NOTES

A	CONTOURS ARE AT 1' INTERVALS
B	ADJUST NEW AND EXISTING UTILITY COVERS TO NEW GRADE
C	REFER TO SHEETS CS201 TO CS207 FOR ROADWAY PROFILES
D	EXCAVATED SOIL WILL BE STOCKPILED ON SITE IN THE NORTHEAST CORNER AND NORTHWEST CORNER OF THE SITE. REFER TO SHEET GI001 FOR RECOMMENDED STOCKPILE AREAS.

LEGEND

- LIMITS OF DISTURBANCE
- LIMITS OF GRADING
- 525 — EXISTING MAJOR CONTOUR
- 524 — EXISTING MINOR CONTOUR
- 524 — MINOR CONTOUR
- 525 — MAJOR CONTOUR
- ROADWAY CENERLINE
- TP — TOP OF PAVEMENT ELEVATION
- ME — MATCH EXISTING ELEVATION
- XXX — SLOPE (PERCENT)
- FIRE HYDRANT RE: C1/CU502
- EXISTING WATER VALVE
- EXISTING ELECTRICAL MANHOLE/HANDHOLE
- EXISTING COMMUNICATION MANHOLE



AREA 25
KEY PLAN

GRAPHIC SCALE

0 15' 30' 60'

SCALE: 1"=30'

NORTH ARROW

TRUE N

NAVFAC

STATE OF TEXAS
JENNIFER M. HAYNES
90167
LICENSED
PROFESSIONAL ENGINEER
1/27/2026
TEXAS REGISTERED ENGINEERING FIRM F-3966 SEAL

Jacobs / BURNS McDONNELL
JACOBS/B&M, A JOINT VENTURE
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VA 22201

A/E Contract No. N62742-20-D-0002
A/E Task Order No. N62742219103/15
JCG NO. 0343603 A/E INFO

APPROVED
FOR COMMANDER NAVFAC DATE 02/02/2026

ACTIVITY
AFIMSC APPROVAL PER NAVFAC SAT-TO CHECKLIST

SATISFACTORY TO DATE 31 DEC 2025

DES:	JMH	DRW:	SMC	REV:	ATM
PM/DM					KKK
BRANCH MANAGER					SMK
CHIEF ENG/ARCH					SMK
FIRE PROTECTION					RO

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVFAC PACIFIC
ANDERSEN AIR FORCE BASE

NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
JOINT REGION MARIANAS (JRM)
GUAM

FY24 AUY183012 (P-012),
PDI: NORTH AIRCRAFT PARKING RAMP
GRADING AND DRAINAGE PLAN - AREA 25

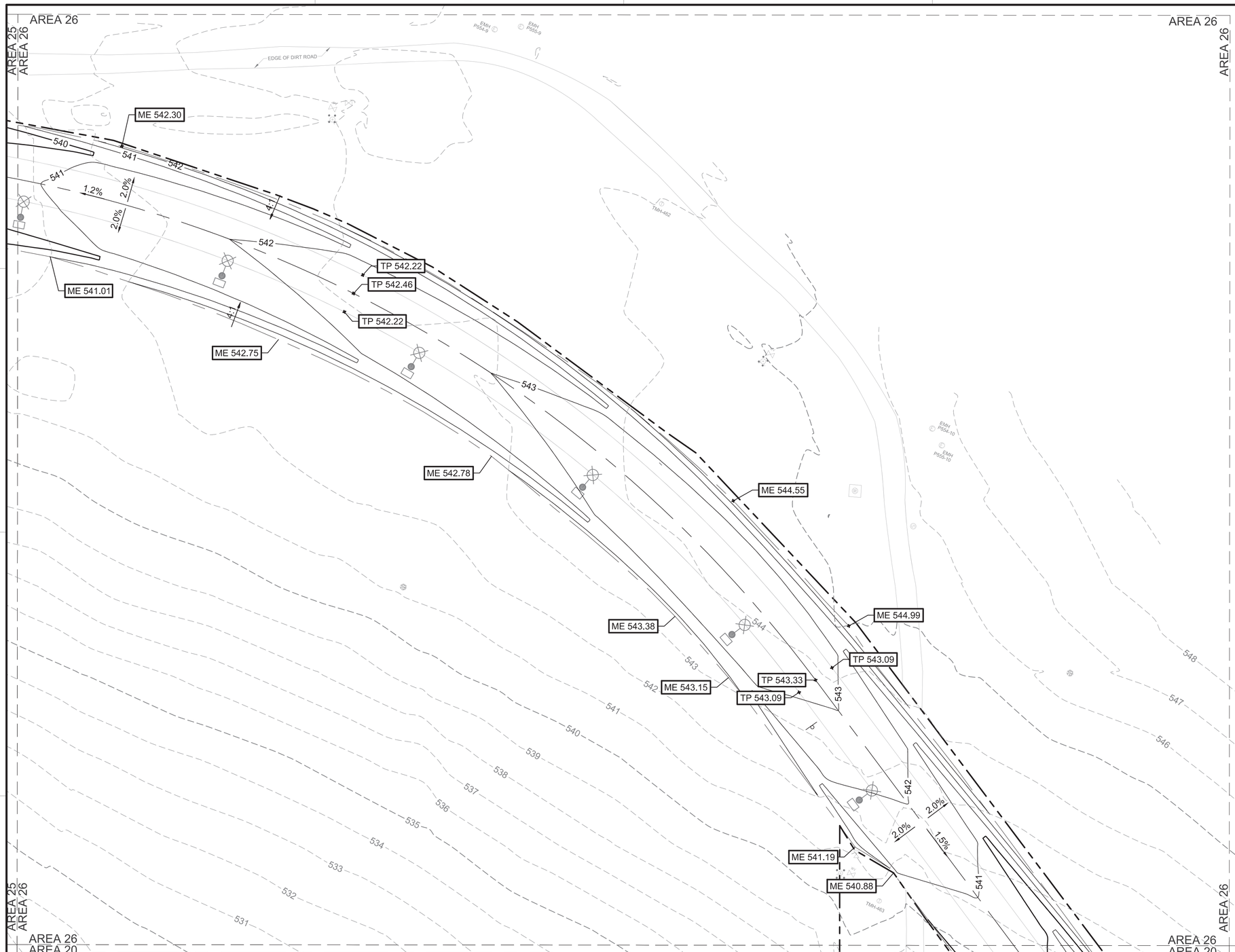
SCALE: AS SHOWN
EPROJECTS NO.: 1665555
CONSTR CONTROL NO.
NAVFAC DRAWING NO. 17361823
SHEET 201 OF 377

CG126

REDESIGN FINAL SUBMITTAL

IF SHEET IS LESS THAN 22" X 34" REDUCED PRINT. USE GRAPHIC SCALES

FILE NAME: U:\BLDG\NAVFAC Pacific\D3430603 - P-012 North Aircraft Parking Ramp\700 Working Documents\740 Sheets\740.01 Civil\P012_1665555_CG126.dwg
LAYOUT NAME: GRADING AND DRAINAGE PLAN - AREA 25
PLOTTED: 01/27/2026 11:16pm
USER: CamerosS



A1 GRADING AND DRAINAGE PLAN - AREA 26

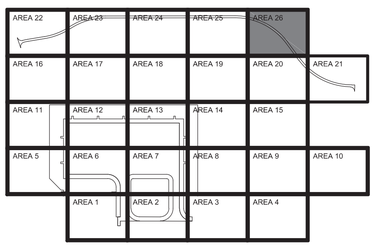
SCALE: 1" = 30'

GENERAL NOTES

A	CONTOURS ARE AT 1' INTERVALS
B	ADJUST NEW AND EXISTING UTILITY COVERS TO NEW GRADE
C	REFER TO SHEETS CS201 TO CS207 FOR ROADWAY PROFILES
D	EXCAVATED SOIL WILL BE STOCKPILED ON SITE IN THE NORTHEAST CORNER AND NORTHWEST CORNER OF THE SITE. REFER TO SHEET GI001 FOR RECOMMENDED STOCKPILE AREAS.

LEGEND

	LIMITS OF DISTURBANCE
	LIMITS OF GRADING
525	EXISTING MAJOR CONTOUR
524	EXISTING MINOR CONTOUR
524	MINOR CONTOUR
525	MAJOR CONTOUR
	ROADWAY CENERLINE
ME	MATCH EXISTING ELEVATION
TP	TOP OF PAVEMENT ELEVATION
XXX	SLOPE (PERCENT)
	FIRE HYDRANT RE: C1/CU502
	EXISTING WATER VALVE
	EXISTING ELECTRICAL MANHOLE/HANDHOLE
	EXISTING COMMUNICATION MANHOLE
	EXISTING WATER METER
	EXISTING SANITARY SEWER MANHOLE



AREA 26
KEY PLAN

GRAPHIC SCALE

0 15' 30' 60'

SCALE: 1"=30'

NORTH ARROW

TRUE N

NAVFAC

STATE OF TEXAS
JENNIFER M. HAYNES
90167
LICENSED
PROFESSIONAL ENGINEER
1/27/2026
TEXAS REGISTERED ENGINEERING FIRM F-3966 SEAL

Jacobs / BURNS McDONNELL
JACOBS/B&M, A JOINT VENTURE
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VA 22201
A/E Contract No. N62742-20-D-0002
A/E Task Order No. N62742219 0315
JCG NO. 03430603
A/E INFO

APPROVED
FOR COMMANDER NAVFAC DATE 02/02/2026

ACTIVITY
AFIMSC APPROVAL PER NAVFAC SAT-TO CHECKLIST

SATISFACTORY TO DATE 31 DEC 2025

DES: JMH	DRW: SMC	REV:	ATM
PM/DM			KKK
BRANCH MANAGER			SMK
CHIEF ENG/ARCH			SMK
FIRE PROTECTION			RO

DEPARTMENT OF THE NAVY
NAVFAC PACIFIC
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND ~ PACIFIC
JOINT REGION MARIANAS (JRM)
ANDERSEN AIR FORCE BASE
GUAM

FY24 AJJY183012 (P-012),
PDI: NORTH AIRCRAFT PARKING RAMP
GRADING AND DRAINAGE PLAN - AREA 26

SCALE: AS SHOWN
EPROJECTS NO.: 1665555
CONSTR CONTROL NO.
NAVFAC DRAWING NO. 17361824
SHEET 202 OF 377

CG127

REDESIGN FINAL SUBMITTAL

IF SHEET IS LESS THAN 22" X 34" REDUCED PRINT. USE GRAPHIC SCALES

FILE NAME: U:\BLDG\NAVFAC Pacific\03430603 - P-012 North Aircraft Parking Ramp\700 Working Documents\740 Sheets\740.01 Civil\P012_1665555_CG127.dwg
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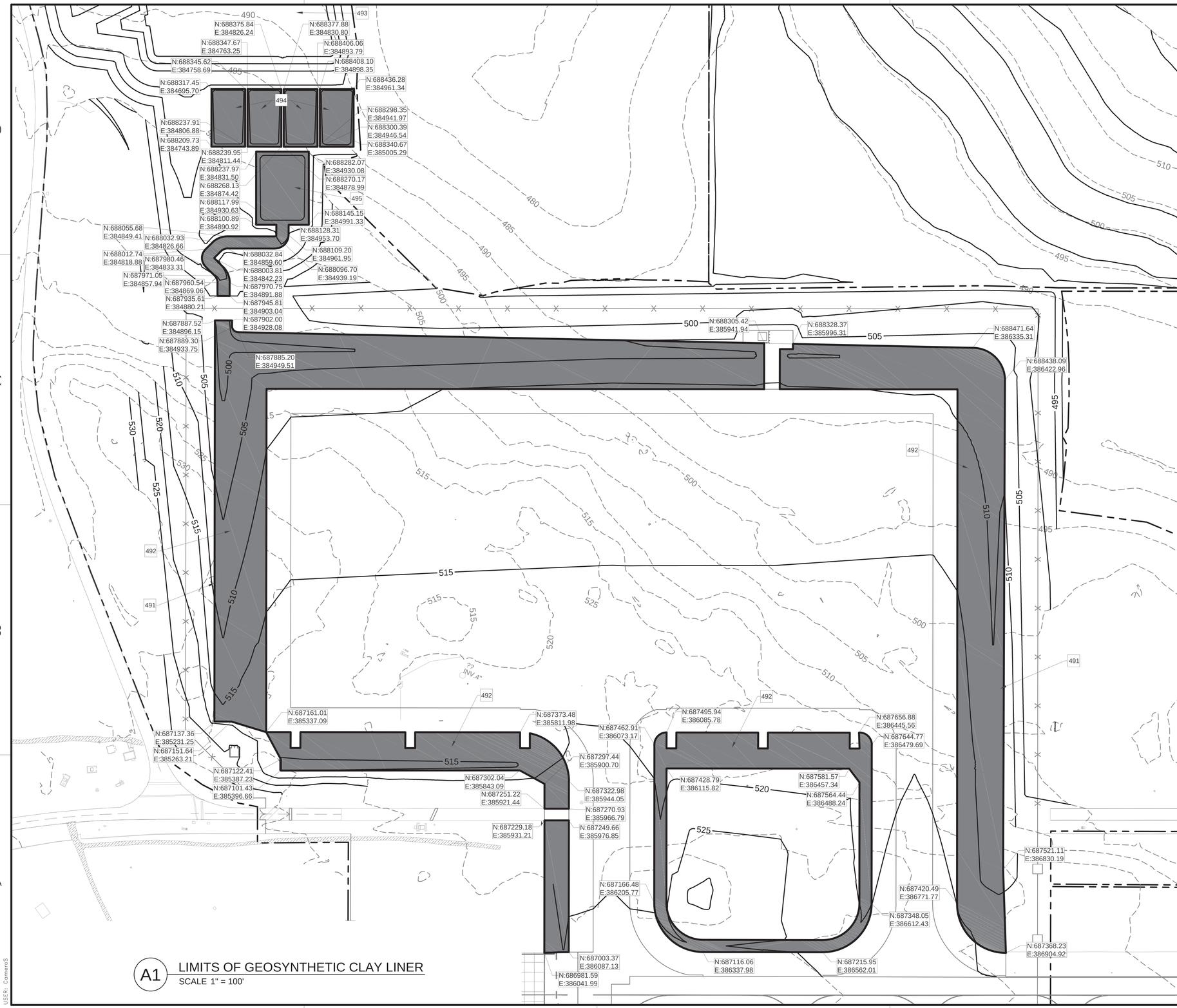
PLOTTED: 01/27/2026 11:19pm
USER: CamarcS



A1 LIMITS OF GEOSYNTHETIC CLAY LINER
SCALE 1" = 100'

GENERAL NOTES

A	REFER TO SHEETS CG101 - CG127 FOR GRADING AND DRAINAGE PLANS.
B	CONTOURS ARE AT 5' INTERVALS

KEYNOTES

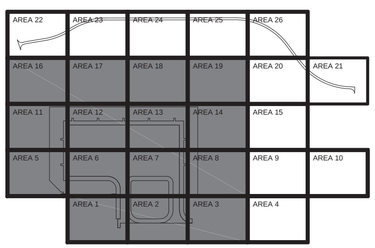
491	SWALE, RE: C1/CG502
492	GEOSYNTHETIC CLAY LINER, RE: C1/CG502
493	DETENTION AREA
494	SAND FILTER
495	PRETREATMENT

LEGEND

GEOSYNTHETIC CLAY LINER, RE: C1/CG502

525 MAJOR CONTOUR

525 EXISTING CONTOUR



KEY PLAN

GRAPHIC SCALE

0 50' 100' 200'

SCALE: 1"=100'

NORTH ARROW

TRUE N

STATE OF TEXAS
JENNIFER M. HAYNES
90167
LICENSED
PROFESSIONAL ENGINEER
1/27/2026
TEXAS REGISTERED ENGINEERING FIRM F-2966 SEAL

Jacobs / BURNS McDONNELL
JACOBS/B&M, A JOINT VENTURE
1100 NORTH GLEBE ROAD
SUITE 500
ARLINGTON, VA 22201

A/E Contract No. N62742-20-D-0002
A/E Task Order No. N6274221F0315
JCG NO. 03430603
A/E INFO

APPROVED
FOR COMMANDER NAVFAC DATE 02/02/2026

ACTIVITY
AFIMSC APPROVAL PER NAVFAC SAT-TO CHECKLIST

SATISFACTORY TO DATE 31 DEC 2025

DES:	JMH	DRW: SMC	REV: ATM
PM/DM			KKK
BRANCH MANAGER			SMK
CHIEF ENG/ARCH			SMK
FIRE PROTECTION			RO

DEPARTMENT OF THE NAVY
NAVFAC PACIFIC
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND
NAVAL FACILITIES ENGINEERING SYSTEMS COMMAND – PACIFIC
JOINT REGION MARIANAS (JRM)
ANDERSEN AIR FORCE BASE
GUAM

FY24 AJY183012 (P-012),
PDI: NORTH AIRCRAFT PARKING RAMP
LIMITS OF GEOSYNTHETIC CLAY LINER

SCALE: AS SHOWN
EPROJECTS NO.: 1665555
CONSTR CONTROL NO.
NAVFAC DRAWING NO. 17361835
SHEET 212 OF 377

CG140

REDESIGN FINAL SUBMITTAL

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LAYOUT NAME: LIMITS OF GEOSYNTHETIC CLAY LINER
PLOTTED: 01/28/2026 8:23am
USER: ConnorS