

STATE OF HAWAII
DEPARTMENT OF TRANSPORTATION
AIRPORTS DIVISION

ADDENDUM NO. 1

TO

SPECIAL PROVISIONS, SPECIFICATIONS, PROPOSAL

FOR

APRON IMPROVEMENTS

AT

ELLISON ONIZUKA KONA INTERNATIONAL AIRPORT AT KEAHOLE
KAILUA-KONA, HAWAII

STATE PROJECT NO. AH2023-17

December 12, 2022

The following amendments shall be made to the Bid Documents:

A. PROPOSAL

Proposal Page P-1, the Contract Time shall be deleted and replaced with the following Proposal Page P-1 dated 12/8/22.

B. PLANS

1. Delete Dwg C-104 and replace with Addendum No. 1 Dwg C-104 dated 12/8/22.
2. Delete Dwg C-105 and replace with Addendum No. 1 Dwg C-105 dated 12/8/22.

The following is provided for information:

A. PRE-BID MEETING MINUTES

1. The pre-bid meeting minutes dated November 30, 2022, are included in this addendum for information purposes only. Anything stated in the meeting and included in the minutes does not revise the bid documents.

B. RESPONSE TO REQUEST FOR INFORMATION (RFI's) / QUESTIONS

1. The following responses to RFI's submitted in HIePRO are provided for information only:
 - a. Will a slip form paver be required for the PCC installation?

Response: No, the intent was to allow either slip form or fixed form paving for the PCC.

- b. Can the two phases be worked in conjunction? Or does one phase need to be completed before starting the next phase?

Response: The two phases shall not be done concurrently. Only one aircraft parking spot may be closed at a time.

- c. Will a material transfer vehicle be required for such a small amount of paving?

Response: Due to the relatively small quantity of AC paving, a material transfer vehicle will not be required.

- d. HlePRO shows start date of March 2023 and completion date of June 2023. Is that time frame accurate? Asking for scheduling purposes.

Response: The start and completion dates on HlePRO are dependent on when the project can be awarded and contract executed.

- e. Does the airport want any of the excavated material to be kept on site?

Response: No. All excavated material becomes the property of the contractor and shall be disposed off airport property.

Please acknowledge receipt of this Addendum No. 1 by recording the date of its receipt in the space provided on Page P-4 of the Proposal Schedule.



EDWIN H. SNIFFEN
Director of Transportation

PROPOSAL

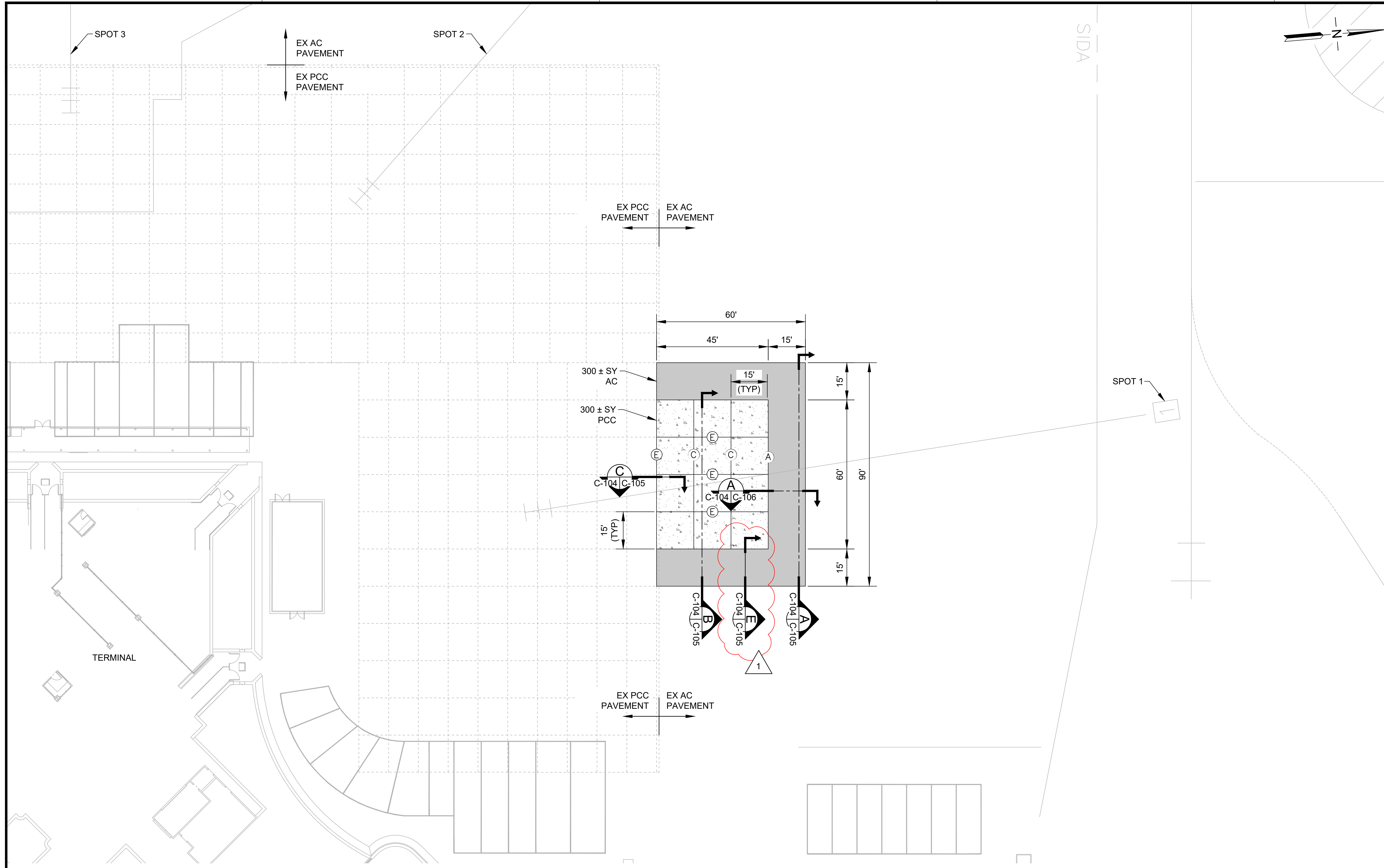
PROJECT: APRON IMPROVEMENTS
ELLISON ONIZUKA KONA INTERNATIONAL
AIRPORT AT KEAHOLE
KAILUA-KONA, HAWAII

STATE PROJECT NO.: AH2023-17


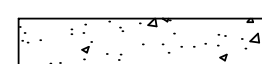

CONTRACT TIME: Preconstruction activities shall be completed within 90
calendar days;
Construction Activities shall be completed within 90
calendar days;
Closeout shall be completed within 30 calendar days;
All work under this contract shall be completed within
210 calendar days from the date indicated in the Notice to
Proceed from the Department.

LIQUIDATED DAMAGES: ONE THOUSAND SEVEN HUNDRED FIFTY
DOLLARS (\$1,750) for each calendar day which the
Contractor has delayed the completion of the project.

PROJECT MANAGER: Mr. Hany Sokar
Department of Transportation Airports Division
400 Rodgers Boulevard, Suite 700
Honolulu, HI 96819-1880
E-mail: hany.fa.sokar@hawaii.gov
Phone: (808) 838-8848
Fax: (808) 838-8751



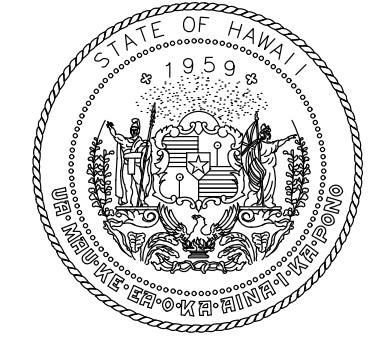
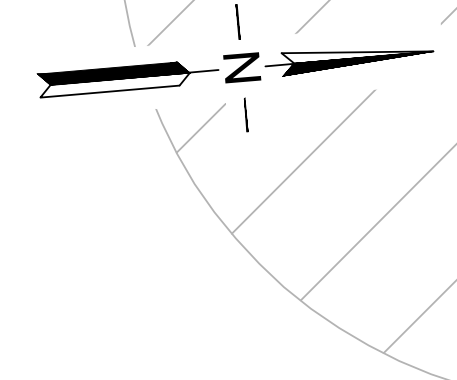
LEGEND:

-  NEW AC PAVEMENT
-  NEW PCC PAVEMENT
-  PCC JOINT TYPE

NOTE:

1. PRIOR TO DEMOLITION, CONTRACTOR SHALL SURVEY THE EXISTING PAVEMENT TO DETERMINE ELEVATION AND GRADE AND SUBMIT TO THE RPR. NEW PAVEMENT SHALL MATCH EXISTING ELEVATION AND GRADE AS APPROVED BY THE RPR.
2. SEE PAVING DETAILS SHEET FOR JOINT TYPE DETAILS.
3. AT CONNECTION TO EXISTING PCC, NEW DOWELS SHALL BE SPACED AT 18" OC AND LOCATED AT LEAST 6" AWAY FROM EXISTING DOWELS.

Adobe Acrobat Sign Transaction Number: CB3CHBCA8MAB0F2Bvd8E677P3AGt13BK6l0ky5aP6



Airports Division
DEPARTMENT OF TRANSPORTATION
STATE OF HAWAII



I HEREBY CERTIFY THAT THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

Signature: *[Signature]* 4/30/24
Expiration Date

DSGN.	DRWN.	CHKD.	APPD.
AC	AT	TR	SH

KEY PLAN / NOTES:



1	12/8/22	ADDENDUM 1
NO.	DATE	REVISIONS

CONSTRUCTION DOCUMENTS

SEPTEMBER 23, 2022
DATE

PROJECT TITLE :

APRON IMPROVEMENTS

AT
ELLISON ONIZUKA
KONA INTERNATIONAL AIRPORT AT KEAHOLE
KAILUA-KONA, HAWAII

PROJECT NO.:

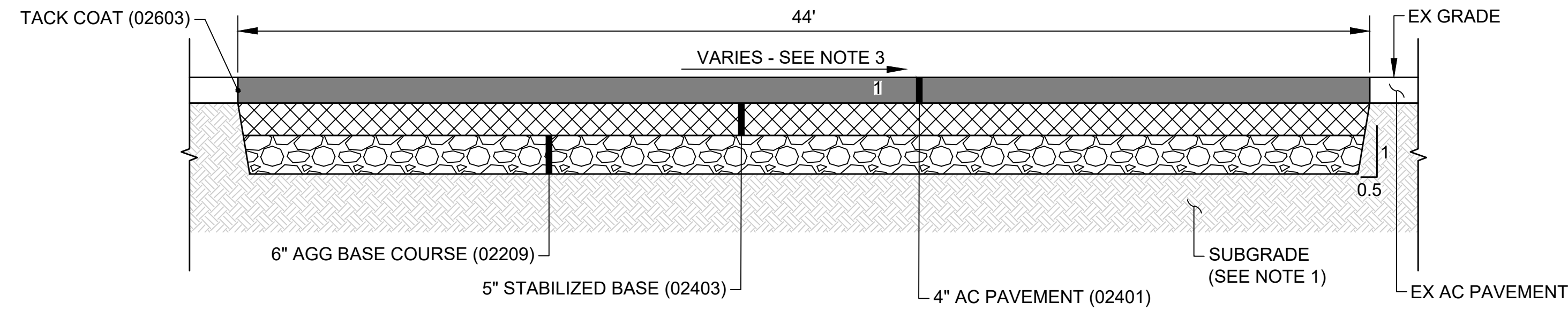
AH2023-17

SHEET TITLE:

**PAVING LAYOUT PLAN
2**

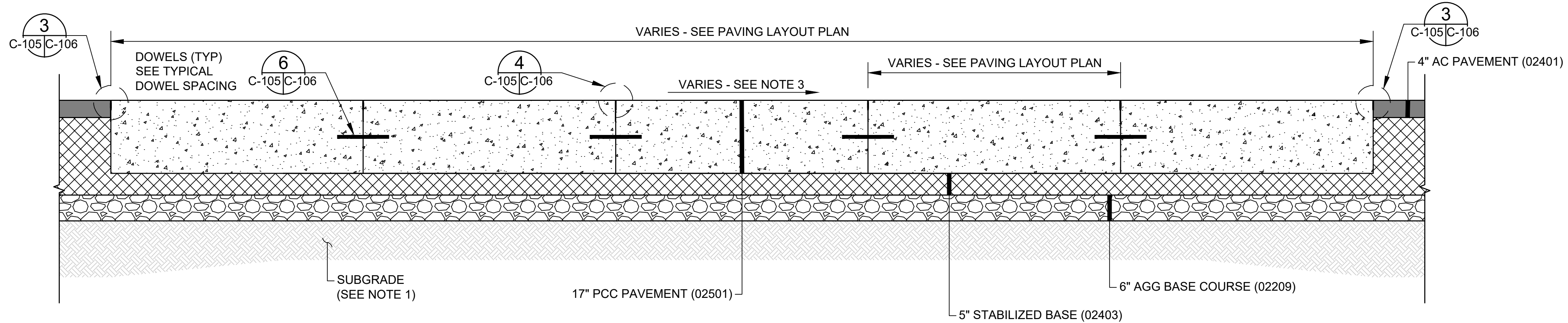
DATE :	DWG. NO.
09/23/2022	C-104
SHEET :	
8 OF 12 SHEETS	

C:\USERS\JBERTON\ORION ENGINEERS & ASSOCIATES\HOT MISC AIRFIELD DESIGN SERV - 18-KOA-APRON IMPROVEMENTS\02 ENGINEERING\05 DRAWING\AH2023-17_02-PAVELAYOUT\PLN.DWG

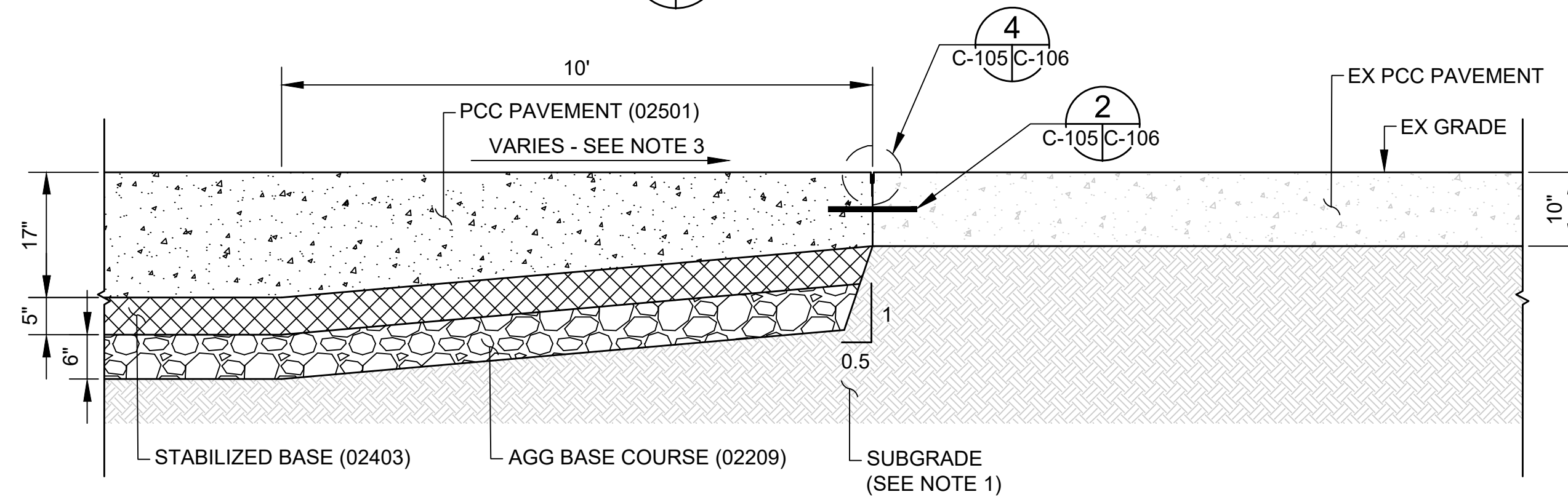


A NEW AC APRON
C-103 | C-105 SCALE: NTS

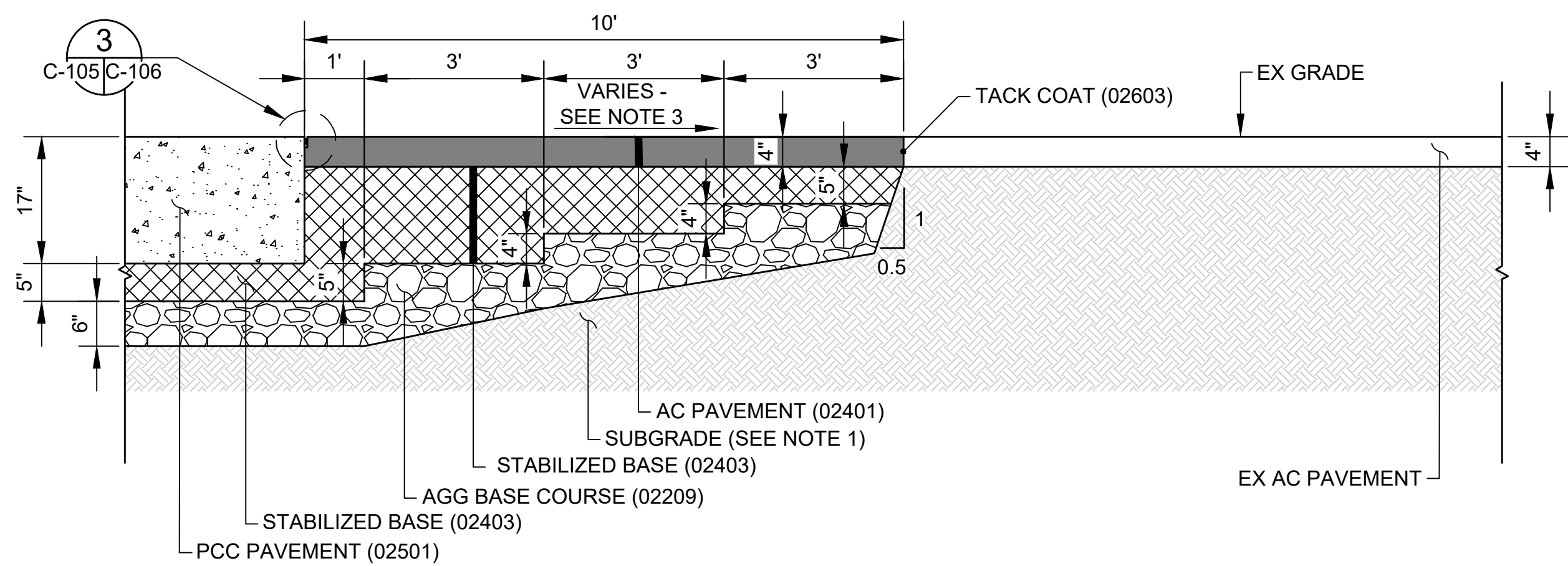
- NOTE:**
- EXISTING SUBGRADE UNDER NEW PAVEMENT SHALL BE 95% MAXIMUM DENSITY. CONTRACTOR TO PREPARE SUBGRADE PER SPEC 02152 IF EXISTING SUBGRADE IS LESS THAN 95% DENSITY.
 - AT CONNECTION TO EXISTING PCC, NEW DOWELS SHALL BE SPACED AT 18" OC AND LOCATED AT LEAST 6" AWAY FROM EXISTING DOWELS.
 - PRIOR TO DEMOLITION, CONTRACTOR SHALL SURVEY THE EXISTING PAVEMENT TO DETERMINE ELEVATION AND GRADE AND SUBMIT TO THE RPR. NEW PAVEMENT SHALL MATCH EXISTING ELEVATION AND GRADE AS APPROVED BY THE RPR.



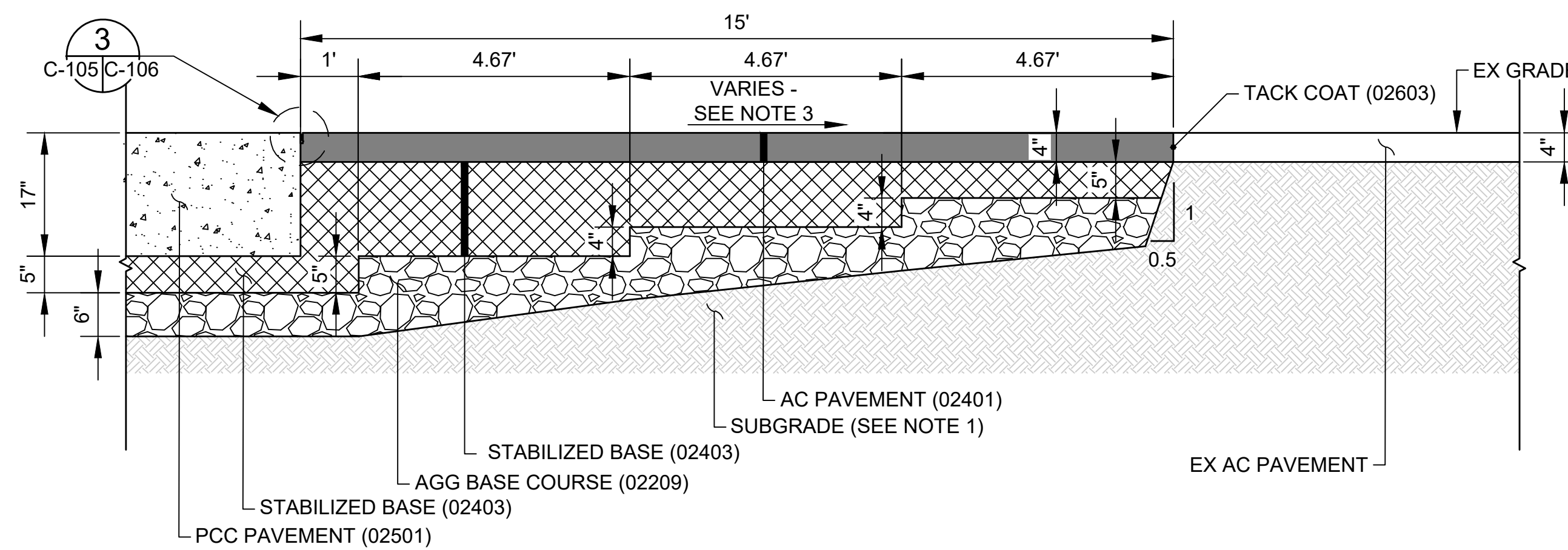
B NEW PCC APRON
C-103 | C-105 SCALE: NTS



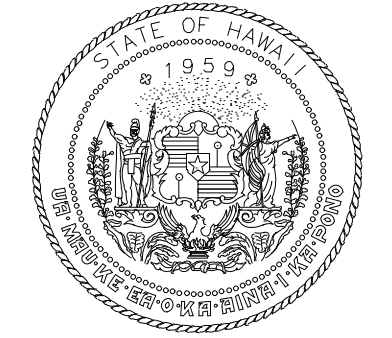
C NEW PCC TO EXISTING PCC
C-103 | C-105 SCALE: NTS



D PCC TO AC PAVEMENT TRANSITION
C-103 | C-105 SCALE: NTS



E PCC TO AC PAVEMENT TRANSITION
C-104 | C-105 SCALE: NTS



Airports Division
DEPARTMENT OF TRANSPORTATION
STATE OF HAWAII



I HEREBY CERTIFY THAT THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

Signature: [Signature] 4/30/24
Expiration Date

DSGN.	DRWN.	CHKD.	APPD.
AC	AT	TR	SH

KEY PLAN / NOTES:

1	12/8/22	ADDENDUM 1
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NO.	DATE	REVISIONS
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CONSTRUCTION DOCUMENTS
SEPTEMBER 23, 2022
DATE

PROJECT TITLE :

APRON IMPROVEMENTS

AT
ELLISON ONIZUKA
KONA INTERNATIONAL AIRPORT AT KEAHOLE
KAILUA-KONA, HAWAII

PROJECT NO.:

AH2023-17

SHEET TITLE:

PAVEMENT SECTION

DATE :

09/23/2022

SHEET :

9 OF 12 SHEETS

DWG. NO.

C-105

DATE/TIME: November 30, 2022; 2:00 PM HST
 LOCATION: State of Hawaii Department of Transportation Airports Division
 Microsoft Teams Meeting

PROJECT: Apron Improvements
 Ellison Onizuka Kona International Airport at Keahole
 State Project No. AH2023-17

SUBJECT: Pre-Bid Meeting

MEETING SUMMARY:

I. ATTENDANCE

Full Name	Organization	Email	Phone
Hany Sokar	HDOT-A	hany.fa.sokar@hawaii.gov	808-838-8848
Eddie Chiu	HDOT-A	eddie.k.chiu@hawaii.gov	808-838-8827
Aren Cleven	Orion	aren.cleven@orionengineers.com	808-497-7675
Shannon Holman	Orion	shannon.holman@orionengineers.com	808-282-7986
Sean Dunckel	AECOM	sean.dunckel@aecom.com	808-343-6145
Cole Millare	Grace Pacific	cmillare@gracepacific.com	808-285-6822
Jason Ames	Grace Pacific	james@gracepacific.com	808-520-6335
Sam Peng Ho	Glover	samh@gloverltd.com	808-591-8977
Scot Yoshimura	Isemoto	scot@lccKona.com	808-960-1993

II. PROJECT SCOPE

1. Project includes removal of existing AC apron pavement and construction of new PCC and AC apron pavement at KOA Apron parking Spots 1 and 8. New apron pavement markings are also included. Construction is scheduled to last 90-days.
2. Safety, Airport Operations, and FOD Control: The work shall be during off-peak hours from 2230-0630 hrs Monday - Friday, to minimize impacts to aircraft operations,
3. Demolition includes sawcut and removal of existing 4-in AC pavement, and excavation for the new paving section. New PCC section will consist of 6" aggregate base, 5" AC stabilized base, and 17" PCC. New AC section will consist of 6" aggregate based, 5" AC stabilized base, and 4" AC surface course.
4. QC Testing: The Contractor is responsible for Quality Control testing required by the specs, and for coring required for Quality Assurance Testing by the RPR.
5. Construction Access and Staging: AOA access for vehicles and personnel will be required. The contractor shall submit all request to the CM for review. The CM will submit to HDOT-A for approval and forward to KOA Pass and ID office. The contractor's staging area will be as shown on the Plans.

6. Measured Lump Sum Proposal Items: The project will be bid under lump sum items as shown in the proposal schedule.

III. GENERAL REQUIREMENTS

1. Bid Phase Schedule

November 23, 2022	Bid Advertisement in HlePRO
November 30, 2022	Pre-Bid Meeting
December 6, 2022	RFIs Deadline in HlePRO
December 13, 2022	Last Addendum Issued in HlePRO
December 23, 2022, 2:00 PM	Bid Opening in HlePRO
2. Unless a change is made by written addendum, nothing stated at this Pre- Bid Meeting shall change the project solicitation. If there is a conflict between what was stated in the pre-bid meeting and the bid documents, the bid documents shall govern.
3. A General Engineering "A" License is required per the Notice to Bidders.
4. All work will be done in the Airport Operational Area (AOA). See Special Provisions, Section 01005 and 01565 for AOA security requirements. In addition to the requirements stated in the Contract Bid Documents, all Contractors shall comply with the needs of the Airport Manager.
5. Entry Requirements: AOA badges and vehicle stickers will be required. Proper safety check sticker, insurance and registration will be required. The contractor shall submit all AOA badging and vehicle decal requests to the CM for review. The CM will submit to HDOT-A for approval and forward to KOA Pass and ID office.
6. Project duration is 180 Calendar Days from the Notice to Proceed (NTP) date, including 90-days for preconstruction and 90-days for construction activities.
7. Liquidated Damages as follows:

ONE THOUSAND SEVEN HUNDRED FIFTY DOLLARS (\$1,750) per calendar day for failure to complete the construction activities within ONE HUNDRED EIGHTY (180) calendar days.
8. Allowances - There are restrictions on expenditure of allowances. Expenditures must be justified and change orders may be needed for allowances.
9. Proposal Schedule must be completely filled in even if the proposed cost is \$0 for a line item. Incomplete proposals will be considered irregular.
10. The estimated construction cost is estimated to be \$1,000,000 - \$1,150,000.
11. Prior to the bid opening, any changes to the Special Provisions and/or plans will be issued through an addendum.
12. The Contractor shall submit all submittals stated in the Specifications after contract award. Critical submittals include AOA badging requests and mix designs for PCC and AC pavement.

IV. QUESTIONS

1. Question (GP): Dwg C-105, Section D shows 10-ft stepped transition from PCC to AC pavement, but Dwg C-104 shows 15-ft transition. Which is correct? If 15-ft, what are the step dimensions.

Answer (Orion): The stepped transition shall be 15-ft at Spot 1. The stabilized base shall extend 1-ft beyond the edge of PCC. The steps in the remaining 14-ft transition shall be spaced equally.

2. Question (JWG): Will Section D on Dwg C-105 be revised.

Answer (Orion): Orion will review and include a revised detail in the Addendum if necessary.

3. Question (GP): Specs call for a Material Transfer Vehicle to be used for AC paving. Will the MTV be required.

Answer (Orion): Due to the relatively small quantity of AC paving, a MTV will not be required.

4. Question (GP): Can Phase 1 and Phase 2 work be done concurrently?

Answer (Orion): No, only one aircraft parking spot may be closed at a time.

5. Question (GP): Does the 45-day duration at each Spot include the waiting period before final pavement marking can be applied?

Answer (Orion): No, the 45-day duration does not include the final pavement markings. The intent is for each Spot to be repaved, temporary (half application rate) markings applied, and reopened to aircraft within 45-days. Per the Phasing Plan notes, the Contractor shall coordinate with Airport Operations Control to schedule an additional closure for the final pavement marking.

6. Question (GP): AC Paver widths are too wide to be used on the stepped transitions shown on C-105, Section D. Is handwork acceptable at these locations.

Answer (Orion): Yes, handwork is anticipated and acceptable at the stepped transitions.

7. Question (GP): The solicitation lists anticipated construction from March to June 2023. Is this correct.

Answer (Orion): Yes

8. Question (GP): Is slip form paving required for the PCC?

Answer (Orion): No, the intent was to allow either slip form or fixed form paving for the PCC. Orion will review the specifications to confirm that both methods are included.



AIR-EA PLEASE RUSH AH2023-17 Addendum 1 (GI) HlePRO
















Final Audit Report
















2022-12-13

Created:	2022-12-12
By:	Lina Urbina (lina.t.urbina@hawaii.gov)
Status:	Signed
Transaction ID:	CBJCHBCAABAABDfzBxcb8Eo77P1AGjt13BKifoMySaP6

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