



# CITY OF HOUSTON

**Sylvester Turner**

Mayor



HOUSTON AIRPORT SYSTEM

George Bush Intercontinental ~ William P. Hobby ~ Ellington Airport

Mario C. Diaz  
Director of Aviation

November 11, 2022

**SUBJECT: Addendum No. 1**

**REFERENCE: Invitation To Bid (ITB) for William P. Hobby Airport Central Concourse Flooring Replacement Phase II; Solicitation No. HHG-HOUCCF-2023-010; Project No. 957.**

To: All Prospective Bidders:

This Addendum is being issued for the following reasons:

- I. **REPLACE** Page 21, Document 00410-A2, Bid Form Part A, with the attached updated copy, and page 58, Document 00520-2, Agreement, with the attached updated copy.
- II. **REPLACE** Page 22, Document 00410-B1, Bid Form Part B, with the attached updated copy, and page 26, Document 00410-B5, Bid Form Part B, with the attached updated copy.
- III. **TO RESPOND QUESTIONS.**
  1. **Question:** Duration:120-days as written in proposal -or- 140-days as stated at the pre-proposal meeting?  
**Response:** 140 Days (See attachment).
  2. **Question:** Validate whether the established goal of 6% is towards DBE|PDBE|DBE (FAA Only)  
**Response:** DBE.
  3. **Question:** Is form 00470D pg-47 required with the submittal or thereafter awarded since regarding reporting in B2G?  
**Response:** After award.
  4. **Question:** One of our subs has a National DBE but it is not COH certified--can we still consider naming them?

**Council Members:** Amy Peck Tarsha Jackson Abbie Kamin Carolyn Evans-Shabazz Dave Martin Tiffany D. Thomas Mary Nan Huffman  
Karla Cisneros Robert Gallegos Edward Pollard Martha Castex-Tatum Mike Knox David W. Robinson Michael Kubosh  
Letitia Plummer Sallie Alcorn  
**Controller:** Chris B. Brown

**Response:** No. There is no "National" DBE certification. The firm must be certified by the TX Unified Certification Program (TXUCP). They can apply for the TXUCP at the City of Houston OBO Office.

5. **Question:** What will the working hours be?

**Response:** 11 P.M. to 5 A.M., HAS may allow requests to expand this time period.

6. **Question:** How are the electronic signs to be remounted to the existing studs once the new tile is laid?

**Response:** New tile will be cut so that the edge accommodates existing electronic sign. If sign occurs at the intersection of the tile, the signage may not need to be removed. If the sign needs to be removed to install the tile, then the contractor shall engage at Contractor's cost with sign vendor for removal and reinstallation of sign after tile work is complete.

7. **Question:** Will the tile be laid up to the edge of the people mover or will the side guard be removed?

**Response:** The tile will be laid up to the side of the metal edge. The metal side guards shall remain.

8. **Question:** What will be happening with the information booth directly behind TSA?

**Response:** Tile work will be done before the replacement of the information booth. Therefore, the existing counter will be temporarily removed, stored, and reinstalled by Contractor after the tile work is complete.

9. **Question:** Plans call to grind the edges back 24" – will cut tiles be allowed on edges?

**Response:** The grinding of the floor to allow tile to be flush with adjacent floor plane will take place at the east side transition of old tile to new tile, all other transitions shall be with a metal transition edge. Refer to Details 05 and 06 on Sheet A1-01. The drawings have been modified and issued with Addendum 001 showing this condition. Contractor will provide a mock-up of these conditions for approval by architect and HAS prior to proceeding to full installation.

10. **Question:** How will phasing around stores be handled? Will we be able to close one entrance to grind, since this is probably a two-day process.

**Response:** Unless there is an agreement with the store to close an entrance, a portion of the entrance will remain open for passage.

11. **Question:** Will the stainless base be removed and replaced?

**Response:** Existing stainless-steel base will remain. New floor tile will butt to this base. After tile installation, a new stainless-steel base will be adhered to existing stainless-steel base.

12. **Question:** Who is responsible for removing handrails at restaurants?

**Response:** The contractor will remove and re-install, and repair any damage done to the handrails.

13. **Question:** Will shoeshine booth be removed; and if so, who is removing?

**Response:** The contractor will remove and re-install, and repair any damage done to the shoeshine booth.

14. **Question:** How are we to provide a 5-year labor warranty? Will a performance bond be necessary for an additional 5-years; also, will there be a set number of warranty calls and a minimum quantity requirement for a warranty call?

**Response:** Provide a five-year warranty. The first year of the warranty will begin upon substantial completion of the entire work and is for all labor and material due to any defects, cracking, finishes and decolored engineered stone tiles. During the first year, on the tiles installed under this contract, there will be no limit or additional cost for the tiles replaced.

The four years of the warranty after the first year will include twice a year for four years, the contractor shall walk and inspect with HAS personnel to determine which tiles need to be removed and replaced using HAS attic stock tiles, the tiles used in the repair shall be replaced by the contractor, back to the attic stock. Work will start within two weeks after the inspection. The contractor is required to replace up to fifteen tiles for each inspection or 30 tiles per year.

All work to repair the tiles during the five-year warranty period will be performed after 10 P.M. and completed before 5 A.M. Protection of installed tile from the public traffic, if required, shall be by contractor. The Contractor and its workers and sub-contractors are required to comply with all HAS regulations and security requirements.

15. **Question:** Will areas that tile is laid have to be opened the next morning or will we be able to close off an area to complete?

**Response:** The areas of tile laid at night will not have to be opened for use the next morning, but an approved barrier shall be installed to keep the public from using. All effort shall be made to keep the floor open to the public, but the floor will need to cure before use by the public. The edge of the tile floor that is being laid needs to have a temporary edge ramp section, or barrier to keep people from tripping.

16. **Question:** Please advise on attic stock Percentage for each of the following Materials:

- T1 Trend, Etherium-616, Perla Blanco
- T2 Trend, Etherium-E004-22, Hou Pantone 359C
- T3 Trend, Etherium-462, Verde Eterno
- T4 Trend, Etherium-646, Black Diamond

**Response:** Contractor shall provide an additional 10% of each color tile for attic stock.

17. **Question:** There is no scheduled wall base for the tiled areas. Will there be a scheduled wall base?

**Response:** The existing bases to remain. After tile is placed the contractor will glue a new stainless flat base on top of the existing recessed stainless-steel base.

18. **Question:** Is the stage platform going to be built into the floor or will the tile flooring need to go underneath it?

**Response:** The tile flooring will stop at the base of the stage. The stage will not be moved.

19. **Question:** Will the elevator lobbies outlined on page A1-01 need the same tile installed as scheduled in the main area? T1?

**Response:** As shown on 02/A1-01, a portion of the existing white tile in this area will be replaced with the T4 black diamond tile. Per detail 04/A1-01, Contractor will prep the floor to receive the T4 black diamond tile in the area indicated; however, the remaining flooring in the hallway is to be T1 Perla Blanco.

20. **Question:** Are the reno ramp transitions the borders marked in red on Page A1-01?

**Response:** Yes, the red marking on the floor plan represents the transition between the new tile and the existing floor material. These intersections are called out on Sheets A2-01 C, A3-01, A3-03.

21. **Question:** Are the square footages on page A2-01C for the different areas indicate an estimate of the amount of square footage needing to be replaced?

**Response:** Yes, the square footage shown is the approximate area of installed tile. Additional tile will be necessary to accomplish this amount of finish flooring. Contractor to determine quantity of tiles required to provide cut tile pattern, waste material, and attic stock.

When issued, Addendum shall automatically become part of the solicitation documents and shall supersede any previous specification(s) and/or provision(s) in conflict with this Addendum. Addenda will be incorporated into the Contract as applicable. It is the responsibility of the bidder(s) to ensure that it has obtained all such Addenda. By submitting a bid on this project, bidder(s) shall be deemed to have received all Addenda and to have incorporated them into their bid.

If further clarification is needed regarding this solicitation, please contact Humberto De La Garza, Sr. Procurement Specialist, via email at [humberto.delagarza@houstontx.gov](mailto:humberto.delagarza@houstontx.gov).

DS  
DE

DocuSigned by:

*Alfredo Oracion*

2B88A4B566CF4DC

Cathy Vander Plaats  
Aviation Procurement Officer  
Houston Airport System

cc: AI Oracion  
Dallas Evans  
Solicitation File

Attachments:

1. Document 00410-A2 – Page 21
2. Document 00520-2 – Page 58
3. Document 00410-B1 – Page 22
4. Document 00410-B5 – Page 26
5. Revised Drawings

**HOU CENTRAL CONCOURSE FLOORING REPLACEMENT – PHASE II**     **BID FORM**  
Project No. 957     **REVISED**     **PART A**

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- Document 00470D - Bidder's DBE Participation Plan *(required for AIP funded project)*
- Document 00471 – Bidder's Record of Good Faith Efforts *(required if the goal in Bidder's Participation Plan–Document 00470 is lower than the Goal).*
- Document 00472 – Bidder's Goal Deviation Request *(required if the goal in Bidder's Participation Plan–Document 00470 is lower than the Goal).*
- Document 00480 – Form SCM-1 Reference Verification
- Document 00481 – Non-Collusion Statement
- Document 00842 – Letter of Intent
- Others as listed: \_\_\_\_\_  
\_\_\_\_\_

**2.0 CONTRACT TIME**

- A.** If offer is accepted, Contractor shall achieve Date of Substantial Completion within One Hundred Forty (140) days after Date of Commencement of the Work, subject to adjustments of Contract Time as provided in the Contract.

**HOU CENTRAL CONCOURSE FLOORING REPLACEMENT – PHASE II**  
*Project No. 957*      **REVISED**      **AGREEMENT**

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**ARTICLE 2**

**CONTRACT TIME**

2.1 Contractor shall achieve Date of Substantial Completion within One Hundred Forty (140) days after Date of Commencement of the Work, subject to adjustments of Contract Time as provided in the Contract.

2.2 The Parties recognize that time is of the essence for this Agreement and that the City will suffer financial loss if the Work is not completed within the Contract Time. Parties also recognize delays, expense, and difficulties involved in proving in a legal or arbitration proceeding actual loss suffered by the City if the Work is not completed on time. Accordingly, instead of requiring any such proof, the Parties agree that as liquidated damages for delay (but not as a penalty), Contractor shall pay the City the amount stipulated in Document 00800 – Supplementary Conditions, for each day beyond Contract Time.

**ARTICLE 3**

**CONTRACT PRICE**

3.1 Subject to terms of the Contract, the City will pay Contractor in current funds for Contractor's performance of the Contract, Contract Price of \$ [Original Contract Price], which includes Alternates, if any, accepted below.

3.2 The City accepts Alternates as follows:

**ARTICLE 4**

**PAYMENTS**

4.1 The City will make progress payments to Contractor as provided below and in Conditions of the Contract.

4.2 The Period covered by each progress payment is one calendar month ending on the 25th day of the month.

4.3 The City will issue Certificates for Payment and will make progress payments on the basis of such Certificates as provided in Conditions of the Contract.

4.4 Final payment, constituting entire unpaid balance of Contract Price, will be made by the City to Contractor as provided in Conditions of the Contract.

**ARTICLE 5**

**CONTRACTOR REPRESENTATIONS**

5.1 Contractor represents:

5.1.1 Contractor has examined and carefully studied Contract documents and other related data identified in Bid Documents.

5.1.2 Contractor has visited the site and become familiar with and is satisfied as to general, local, and site conditions that may affect cost, progress, and performance of the Work.

HOU CENTRAL CONCOURSE FLOORING  
 REPLACEMENT PHASE II PN 957 **REVISED**

**BID FORM  
 PART B**

Document 00410B

BID FORM – PART B

**1.0 TOTAL BID PRICE HAS BEEN CALCULATED BY BIDDER, USING THE FOLLOWING COMPONENT PRICES AND PROCESS (PRINT OR TYPE NUMERICAL AMOUNTS):**

**A. STIPULATED PRICE INCLUDING 5 YEAR WARRANTY \$ \_\_\_\_\_**

(Total Bid Price; minus Base Unit Prices, Extra Unit Prices, Cash Allowances and All Alternates, if any)

**B. BASE UNIT PRICE TABLE:**

Item No.	Spec Ref.	Base Unit Short Title	Unit of Measure	Estimated Quantity	Unit Price (this column controls)	Total in figures
1		N/A	Ea.		_____ (1)	[Insert Amount]
2		N/A	Day		_____ (1)	[Insert Amount]
<b><u>TOTAL BASE UNIT PRICES</u></b>						\$ _____



HOU CENTRAL CONCOURSE FLOORING  
REPLACEMENT PHASE II PN 957 **REVISED**

**BID FORM  
PART B**

**F. TOTAL BID PRICE INCLUDING 5 YEAR WARRANTY: \$** \_\_\_\_\_  
(Add Totals for Stipulated Price (A + A1), Base Unit Price, Extra Unit Price, Cash Allowance, and All Alternates, if any)

**2.0 SIGNATURES:** By signing this Document, I agree that I have received and reviewed all Addenda and considered all costs associated with the Addenda in calculating the Total Bid Price.

Bidder: \_\_\_\_\_  
(Print or type full name of your proprietorship, partnership, corporation, or joint venture.\*)

**\*\* By:** \_\_\_\_\_  
Signature Date

Name: \_\_\_\_\_  
(Print or type name) Title

Address: \_\_\_\_\_  
(Mailing)  
\_\_\_\_\_  
(Street, if different)

Telephone and Fax Number: \_\_\_\_\_  
(Print or type numbers)

- \* If Bid is a joint venture, add additional Bid Form signature sheets for each member of the joint venture.
- \*\* Bidder certifies that the only person or parties interested in this offer as principals are those named above. Bidder has not directly or indirectly entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding.

**Note:** This document constitutes a government record, as defined by § 37.01 of the Texas Penal Code. Submission of a false government record is punishable as provided in § 37.10 of the Texas Penal Code.

Footnotes for Tables B through E:

- (1) Fixed Unit Price determined prior to Bid. Cannot be adjusted by the Bidder.
- (2) Minimum Bid Price determined prior to Bid. Can be increased by the Bidder, but not decreased, by crossing out the Minimum and inserting revised price on the line above. **Cannot** be decreased by the Bidder.
- (3) Maximum Bid Price determined prior to Bid. Can be decreased by the Bidder, but not increased, by crossing out the Maximum and inserting revised price on the line above. A Bid that increases the Maximum Bid Price may be found non-conforming and non-responsive. **Cannot** be increased by the Bidder.
- (4) Fixed Range Bid Price determined prior to Bid. Unit Price can be adjusted by Bidder to any amount within the range defined by crossing out prices noted and noting revised price on the line above.

**HOU CENTRAL CONCOURSE FLOORING REPLACEMENT – PHASE II**  
*Project No. 957*

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City of Houston - Department of Aviation – Infrastructure Division

**ADDENDUM NO. 1 (Revised Drawings)**

**HOU CENTRAL CONCOURSE FLOORING REPLACEMENT – PHASE II**  
**HOBBY P. WILLIAM AIRPORT**

**PROJECT No. 957**  
**TIP-22-100-HOU BSG-2022-104-HOU**

*Issue Date – November 4, 2022*

Molina Walker Almaguer Architects, Inc.  
11767 Katy Freeway, Suite No. 430  
Houston, TX 77079  
713-782-8188

TBAE Firm Registration No. BR 616



To the Plans and Specifications for HOU Central Concourse Flooring Replacement Phase II, this addendum forms a part of the Contract Documents and modifies said documents as follows:

PART 1 - GENERAL / MANUFACTURERS AND PRODUCTS APPROVED AS EQUALS – NOT USED

PART 2 - SPECIFICATIONS

- 2.1 Delete Specification 00001-1 Cover and replace with attached Section 00001-1 Cover.

PART 3 - DRAWINGS

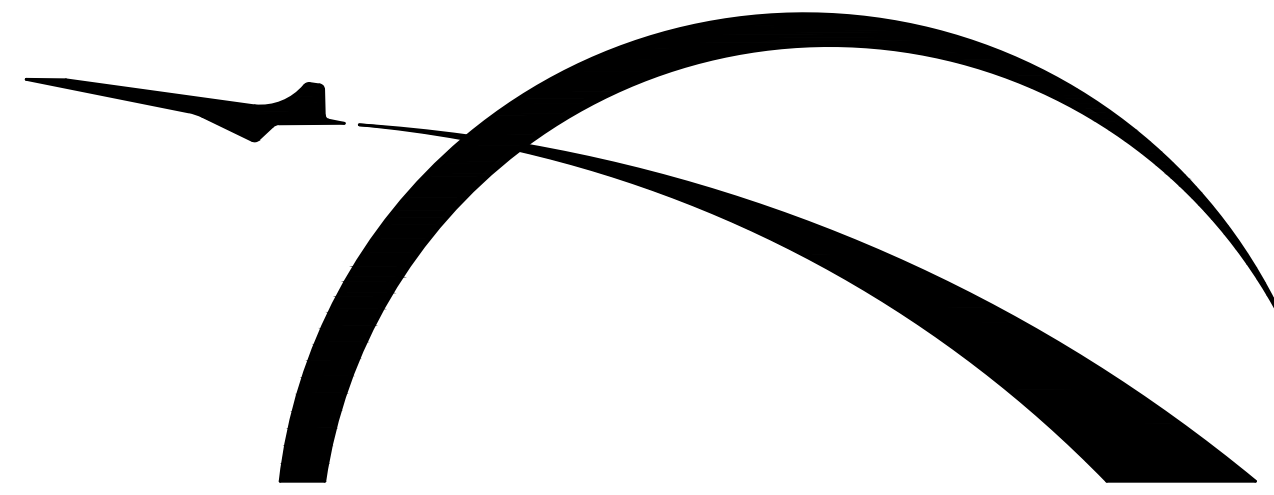
- 3.1 Sheet G100 - Cover Sheet:
  - A. Modified date to include Addendum No. 1 date.
- 3.2 Sheet G110 - Index Sheet:
  - A. Modified dates on Index to include Addendum 01.
- 3.3 Sheet A1-01 - Overall South Concourse Plan:
  - A. Modified Detail 06.
- 3.4 Sheet A2-01C - Overall Finish Floor Plan:
  - A. Modified transition detail at end of people mover. See Detail 05/A1-01. Added note at Information Booth.
- 3.5 Sheet A3-01 - Enlarged Floor Plan Areas B& C:
  - A. Modified floor transition strip to restroom entrances. Added note for stainless steel base scope.
- 3.6 Sheet A3-03 - Enlarged Floor Plan Area A:
  - A. Modified floor transition strip to restroom entrances. Added note for stainless steel base scope.
- 3.7 Sheet A4-04 and A4-05 - Dimensional Control Plans D&E:
  - A. Modified existing column wrap locations.

END OF ADDENDUM #1

**CITY OF HOUSTON MAYOR:**  
SYLVESTER TURNER

**CITY COUNCIL MEMBERS:**

- DISTRICT A - AMY PECK
- DISTRICT B - TARSHA JACKSON
- DISTRICT C - ABBIE KAMIN
- DISTRICT D - CAROLYN EVANS SHABAZZ
- DISTRICT E - DAVE MARTIN
- DISTRICT F - TIFFANY D. THOMAS
- DISTRICT G - MARY NAN HUFFMAN
- DISTRICT H - KARLA CISNEROS
- DISTRICT I - ROBERT GALLEGOS
- DISTRICT J - EDWARD POLLARD
- DISTRICT K - MARTHA CASTER-TATUM



# HOUSTON AIRPORT SYSTEM

PLANS FOR CONSTRUCTION  
OF

## HOU CENTRAL CONCOURSE FLOOR REPLACEMENT

AT

## HOBBY AIRPORT / HOUSTON

ISSUED FOR ADD. 01 11/04/2022

HAS PROJECT NO: PN-957

LOA 925A-011 TIP-22-100-HOU BSG-2022-104-HOU

MWA 21-08

HOUSTON AIRPORT SYSTEM  
DIRECTOR - MARIO C DIAZ

CITY OF HOUSTON CONTROLLER:  
**CHRIS B. BROWN**

**CITY COUNCIL MEMBERS AT LARGE:**

- AT LARGE POSITION 1 - MIKE KNOX
- AT LARGE POSITION 2 - DAVID ROBINSON
- AT LARGE POSITION 3- MICHAEL KUBOSH
- AT LARGE POSITION 4 - LATITIA PLUMMER
- AT LARGE POSITION 5 - SALLIE ALCORN



HOU CENTRAL CONCOURSE FLOOR REPLACEMENT - 7800 AIRPORT BLVD, HOUSTON, TX 77061	
HOU CENTRAL CONCOURSE FLOOR REPLACEMENT	
C.I.P. No.	A.I.P. No.
C.O.H. No.	D.O.A No.



DESIGNER PROJECT No.:	21-08
PROJECT STATUS:	CONSTRUCTION DOCUMENTS

REVISIONS			
No.	DESCRIPTION	DATE	BY
A	ISSUED FOR SD 10/08/2021		J TOHILL
B	ISSUED FOR 95% REVIEW 03/31/2022		J TOHILL
0	ISSUED FOR PERMIT 05/06/2022		J TOHILL
1	ISSUED FOR PERMIT COMMENTS 06/24/2022		J TOHILL
2	ISSUED FOR ADD. 01 11/04/2022		J TOHILL

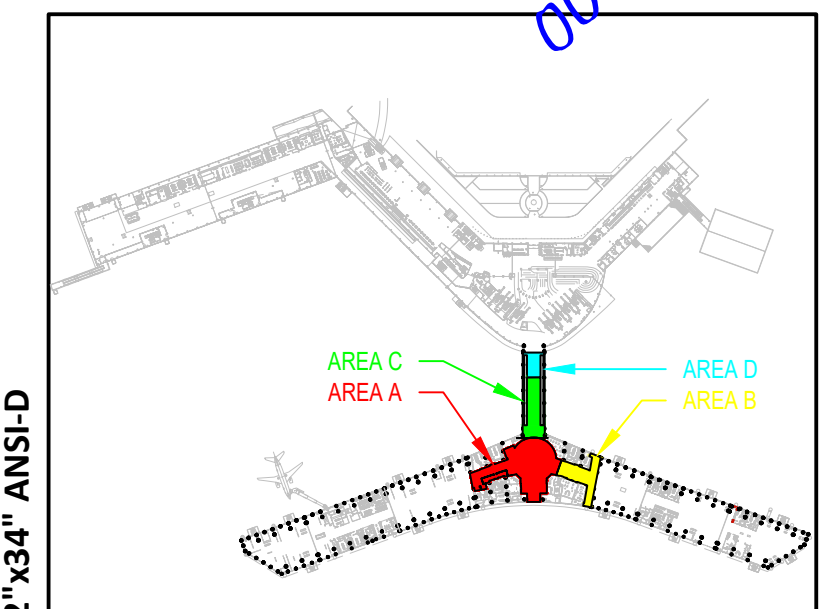
DESIGNER:	H GOMEZ
DRAWN BY:	J TOHILL
CHECKED BY:	TBD
ISSUE DATE:	11/04/2022
APPROVED BY:	
APPROVAL DATE:	

DIRECTOR  
of  
HOUSTON AIRPORT SYSTEM

Review/ Approval Category

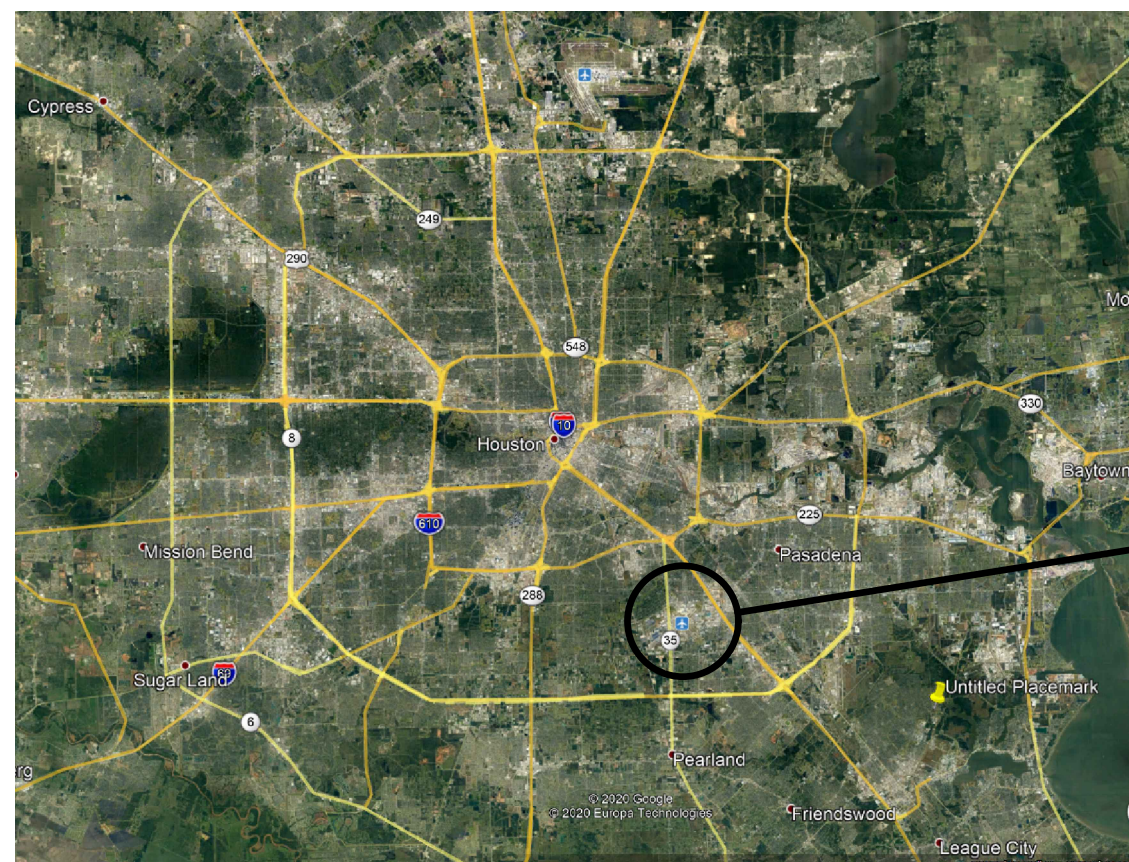
**IFP**

ISSUED FOR PERMIT

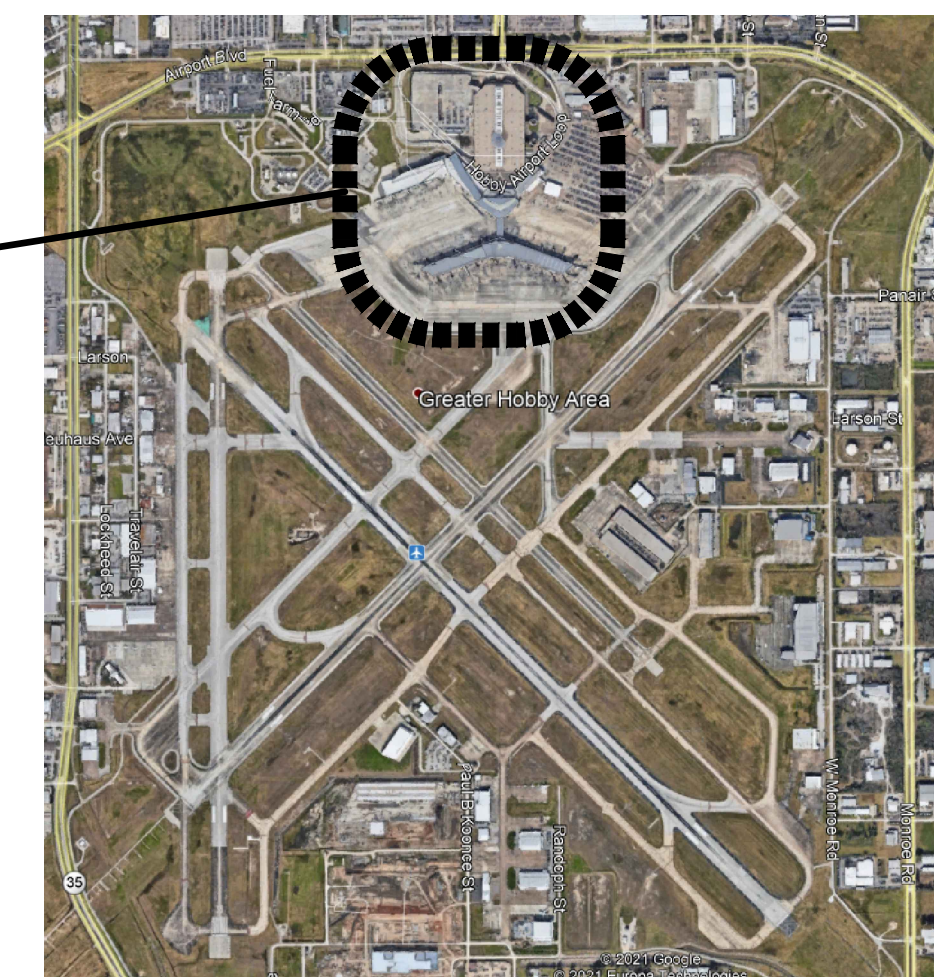


SHEET NAME:	COVERSHEET
SHEET No.	G100
SCALE:	

SHEET SIZE: 22"x34" ANSI-D



**AREA MAP**



**VICINITY MAP**

**ARCHITECT:**  
MWA ARCHITECTS

11767 KATY FREEWAY, STE. 430  
HOUSTON, TX 77079  
713.482.2329

**MEP ENGINEER:**  
JONES ENGINEERS, L.P.

9820 WHITHORN DR.  
HOUSTON, TX 77095  
713.222.7766

**STRUCTIURAL ENGINEER:**  
HENDERSON ROGERS

2603 AUGUSTA, STE. 800  
HOUSTON, TX 77057  
713.430.5800

F:\2021\21-08 HAS HOU CENTRAL CONCOURSE FLOOR REPLACEMENT\DWGS\G100 COVERSHEET.DWG

PLOT DATE: 4 November 2022 2:10:41 PM  
OLD DOA No. :  
DOA DWG FILE:

Table with 4 columns: ACRONYM / ABBREVIATION, FULL TECHNICAL TERM, ACRONYM / ABBREVIATION, FULL TECHNICAL TERM. Lists various industry abbreviations like A4A, AAMA, AASHTO, etc.

01 ABBREVIATIONS

1:1

Table with 4 columns: ACRONYM / ABBREVIATION, FULL TECHNICAL TERM, ACRONYM / ABBREVIATION, FULL TECHNICAL TERM. Lists various industry abbreviations like ORAT, OS&Y, OSHA, etc.

02 GENERAL NOTES

1/8" = 1'-0"

THE HOUSTON CONSTRUCTION CODE ESTABLISHES MINIMUM STANDARDS FOR THE CONSTRUCTION, ALTERATION, MAINTENANCE, REPAIR, AND DEMOLITION OF BUILDINGS AND OTHER STRUCTURES TO PROTECT THE LIFE SAFETY OF THE PUBLIC.

04 CURRENT CODE CYCLE

- 1. PREP. PATCH FLOOR SURFACES DAMAGED BY DEMOLITION OPERATIONS. ALL PLAN AND DETAILS ARE DRAWN TO SCALE AS MUCH AS POSSIBLE, BUT ARE NOT INTENDED TO BE AND SHOULD NOT BE SCALED.

02 GENERAL NOTES

1/8" = 1'-0"

THE PROJECT: HOU CENTRAL CONCOURSE FLOORING REPLACEMENT - PHASE II PROJECT NO. 957 SUMMARY OF WORK

07 SUMMARY OF WORK

- APPLICABLE CODES: RE: CURRENT BUILDING CODE, ACCESSIBILITY CODE, TAS 2015, COMPLY WITH ALL HAS DESIGN CRITERIA

06 BUILDING CODE SUMMARY

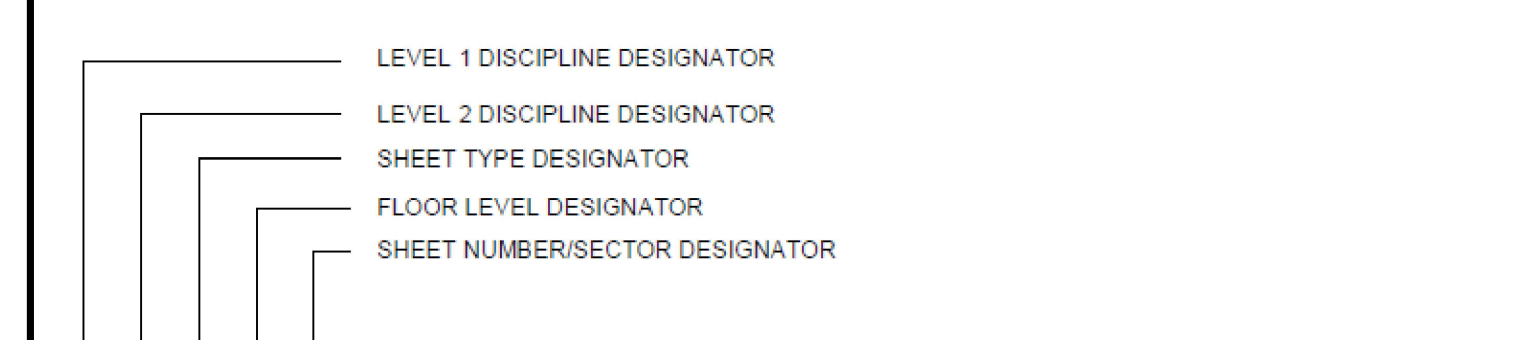


Table with 2 columns: DESIGNATOR, DESCRIPTION OF SUGGESTED NAMES. Lists designators like G, GI, A, AD, AE, I, IN, E, T.

05 SHEET NUMBERING SYSTEM

Table with 3 columns: Sheet Number, Sheet Title, DATE. Lists sheets like G100, G110, A1-01, etc.

03 INDEX

1/8" = 1'-0"

Project information including Houston Airports logo, MWA Architects logo, Designer Project No., Project Status, Revisions table, Designer, Drawn by, Issue Date, Approval Date, and a site map showing Area A, B, C, and D.

Vertical text on the left margin: F:\2021\21-08 HAS HOU CENTRAL CONCOURSE FLOOR REPLACEMENT\DWGS\G110 INDEX SHEET.DWG, PLOT DATE: 4 November 2022 2:11:00 PM, OLD DWA No.:



HOU CENTRAL CONCOURSE FLOOR REPLACEMENT - 7800 AIRPORT BLVD, HOUSTON, TX 77061

### HOU CENTRAL CONCOURSE FLOOR REPLACEMENT

C.I.P. No.	A.I.P. No.
C.O.H. No.	D.O.A No.



11767 KATY FREEWAY SUITE 430 HOUSTON, TEXAS 77079 - 713-482-2338

DESIGNER PROJECT No.: 21-08  
PROJECT STATUS: CONSTRUCTION DOCUMENTS

#### REVISIONS

No.	DESCRIPTION	DATE	BY
A	ISSUED FOR 95% REVIEW	03/31/2022	JTOHILL
0	ISSUED FOR PERMIT	05/06/2022	JTOHILL
1	ISSUED FOR PERMIT COMMENTS	06/24/2022	JTOHILL
2	ISSUED FOR ADD. 01	11/04/2022	JTOHILL

DESIGNER: H GOMEZ  
 DRAWN BY: JTOHILL  
 CHECKED BY: TBD  
 ISSUE DATE: 11/04/2022  
 APPROVED BY:  
 APPROVAL DATE:

DIRECTOR  
 of  
 HOUSTON AIRPORT SYSTEM

Review/ Approval Category

**IFP**

ISSUED FOR PERMIT

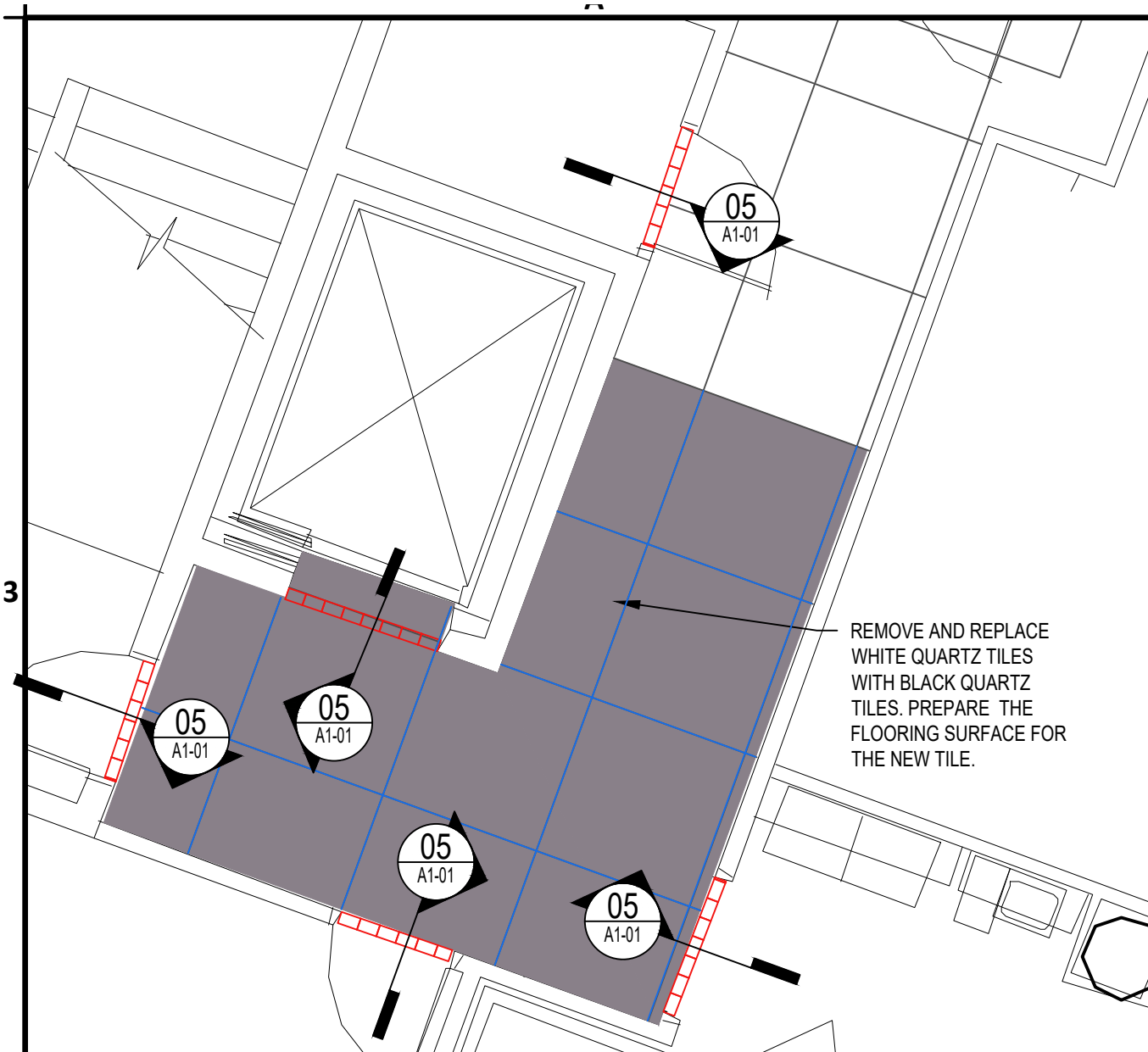
06/24/2022

NORTH

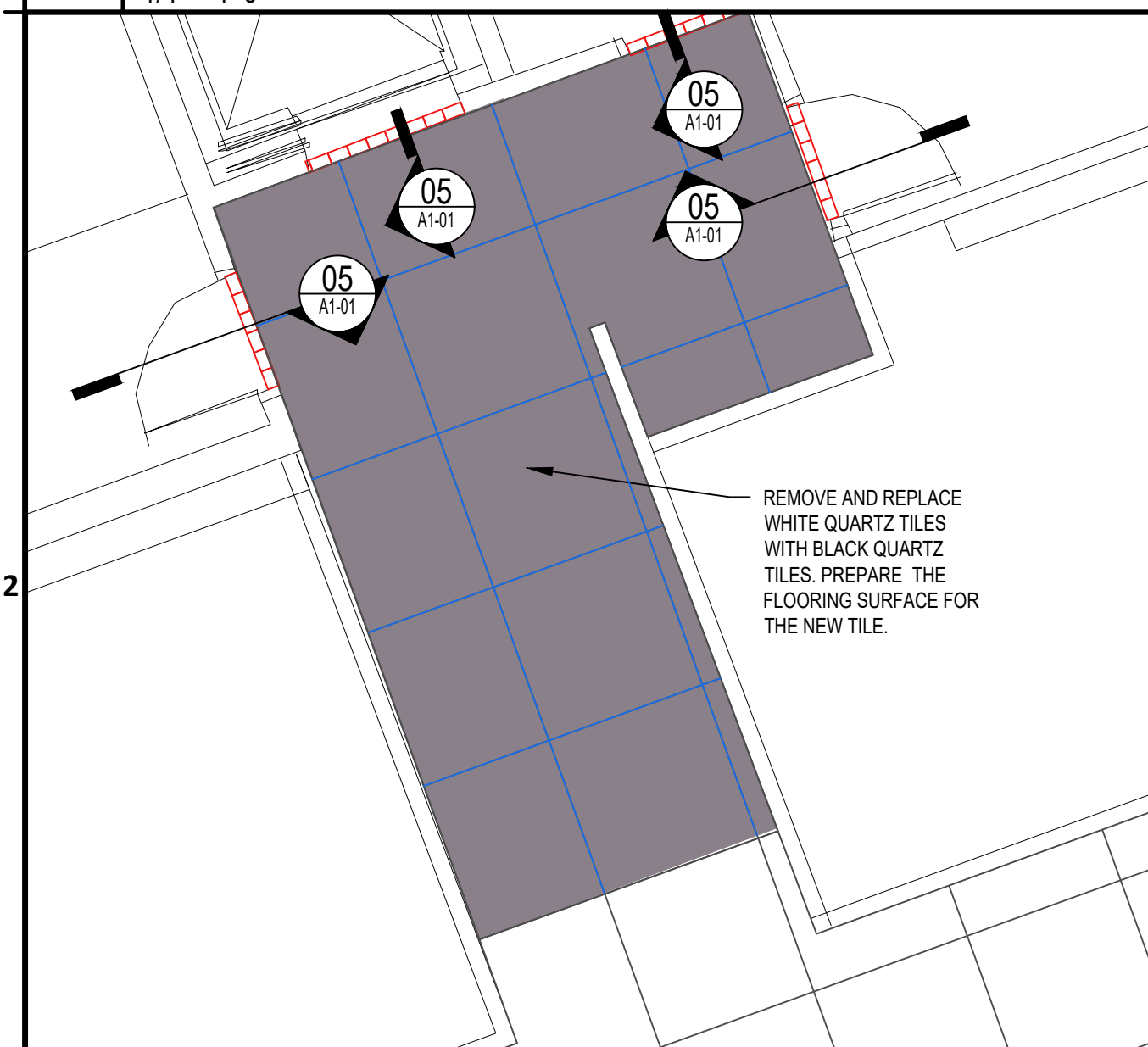
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AREA A  
AREA D  
AREA B

SHEET NAME:  
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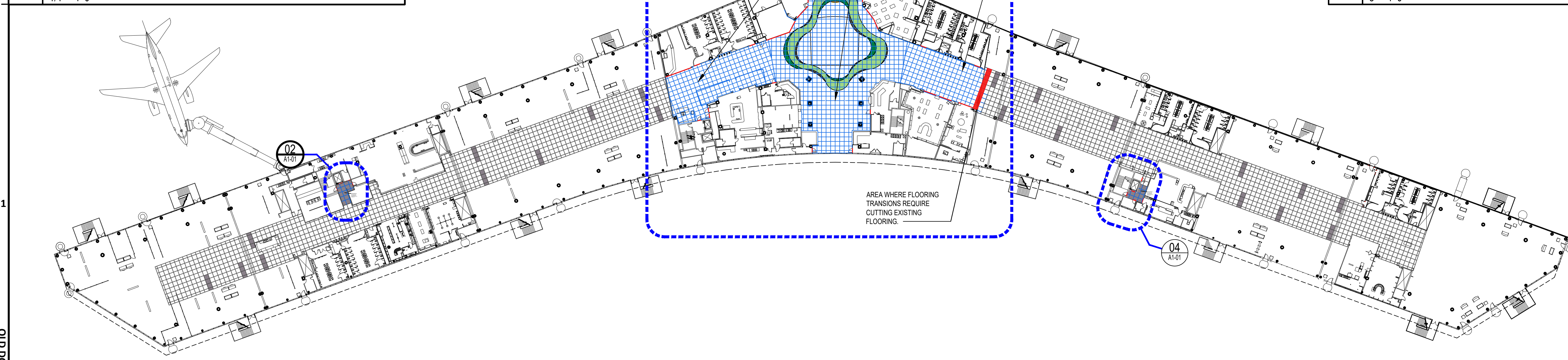
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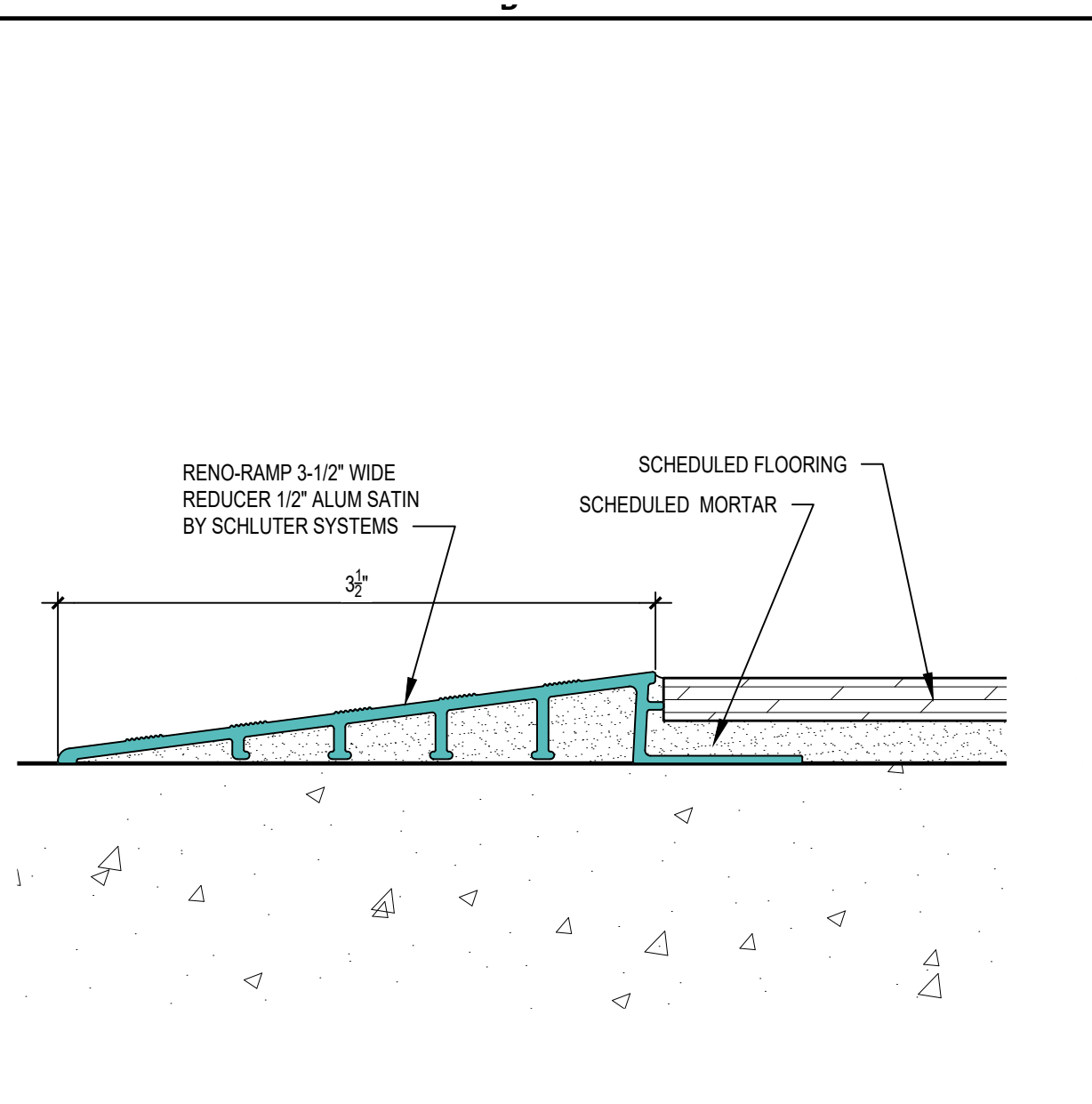
04 EAST ELEVATOR LOBBY  
1/4" = 1'-0"



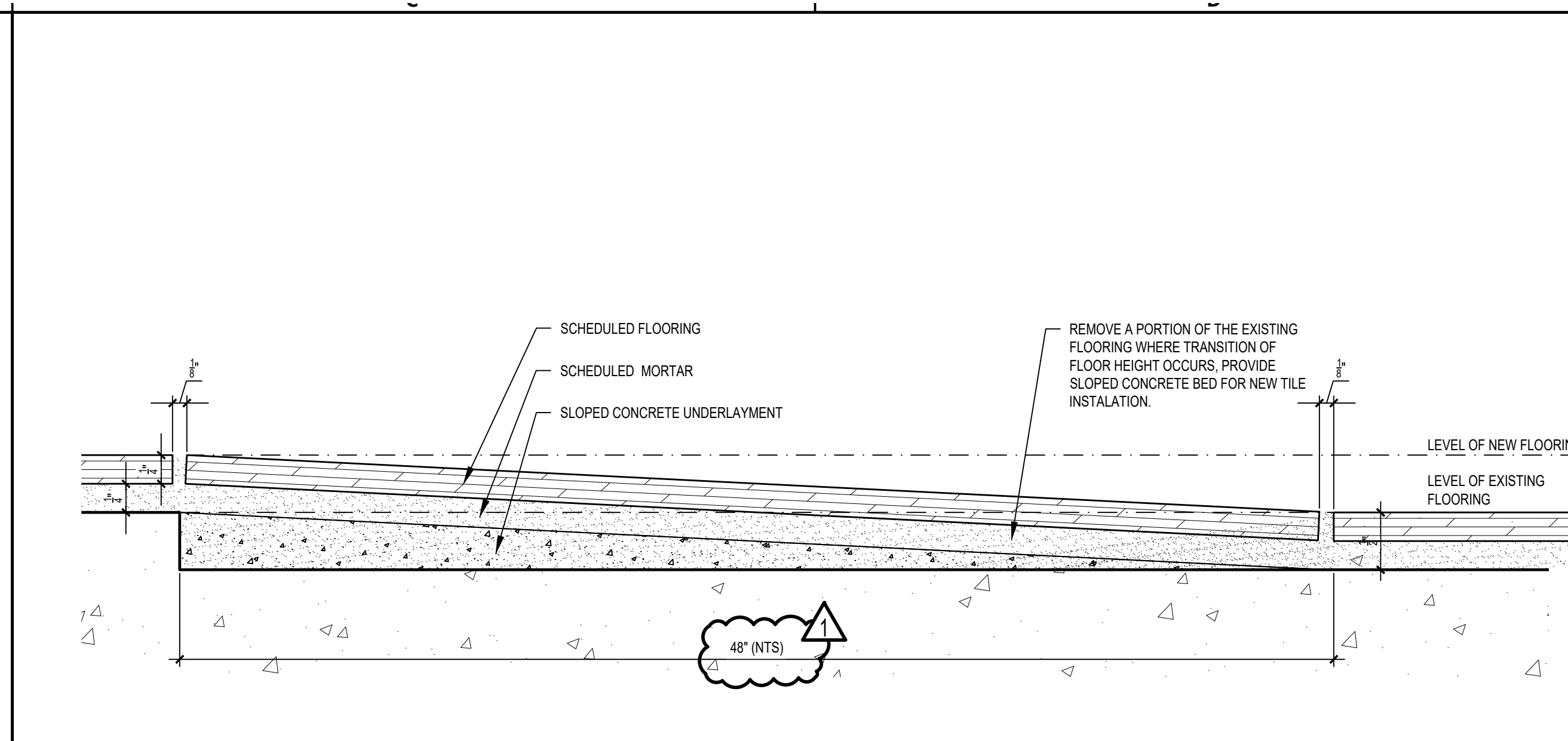
02 ELEVATOR LOBBY  
1/4" = 1'-0"



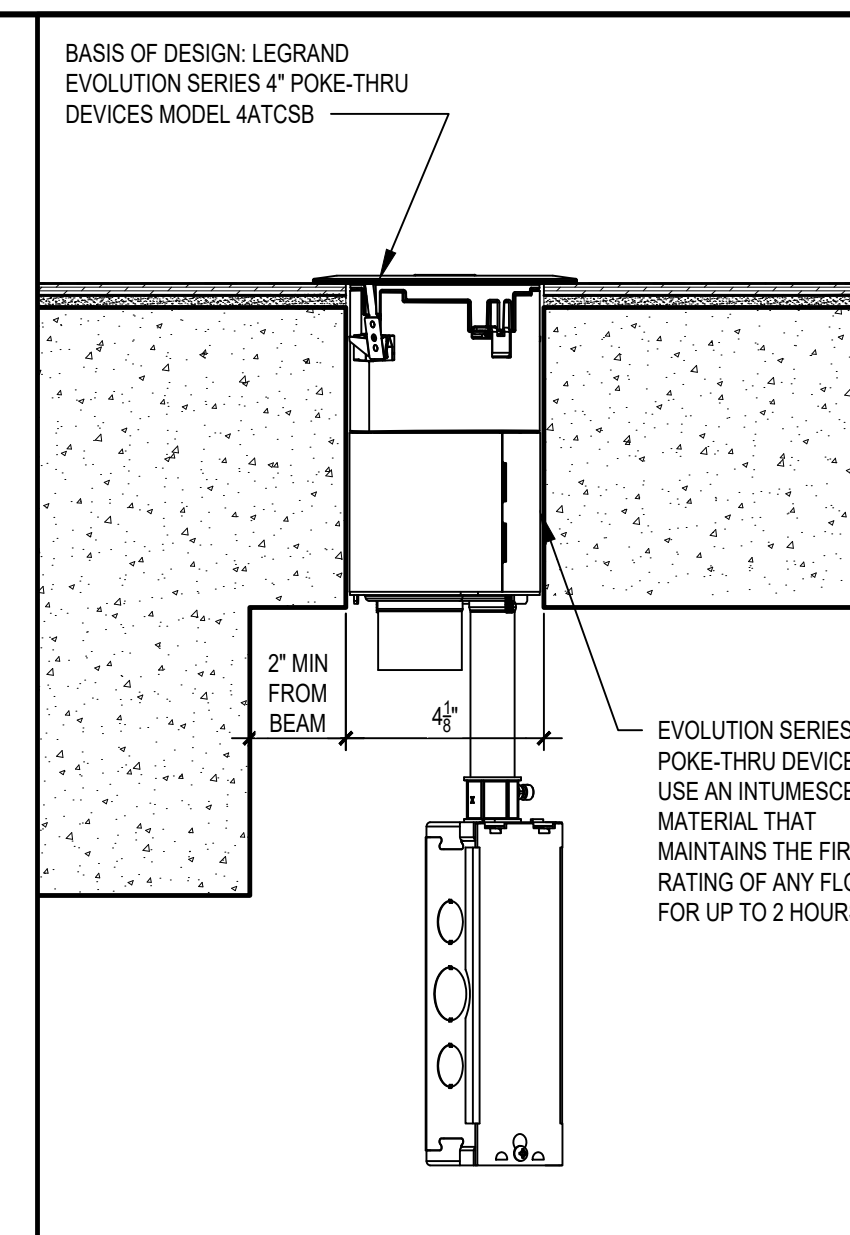
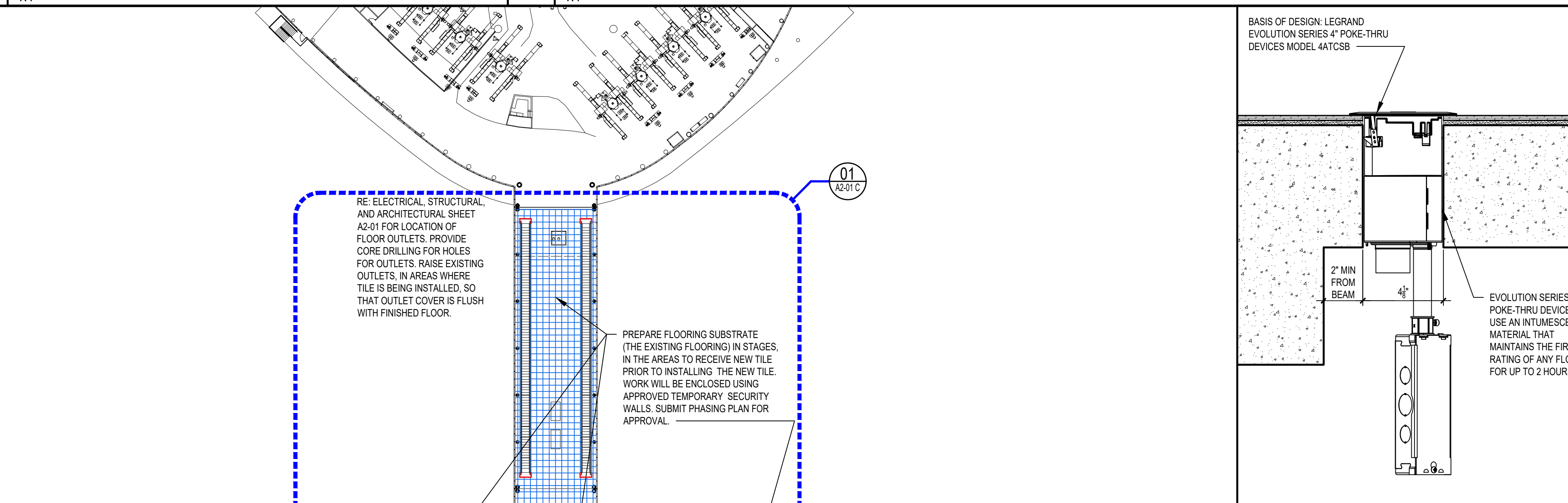
01 OVERALL SOUTH CONCOURSE PLAN  
1" = 50'-0"



05 ALUMINUM FLOOR TRANSITION STRIP  
1:1



06 TILE FLUSH TRANSITION DETAIL  
1:1



03 POKE THROUGH FLOOR OUTLET  
3" = 1'-0"

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 DOA DWG FILE:

**UL/CUL SYSTEM NO. C-AJ-1155**  
**METAL PIPE THROUGH CONCRETE FLOOR/WALL OR BLOCK WALL**  
 F-RATING = 2-HR. OR 3-HR.  
 T-RATING = 0-HR.  
 L-RATING AT AMBIENT = LESS THAN 1 CFM / SQ FT  
 L-RATING AT 400°F = 4 CFM / SQ FT  
 W-RATING = CLASS 1 (SEE NOTE NO. 5 BELOW)

**TOP VIEW**      **SECTION A-A**

**NOTES:**

- CONCRETE FLOOR OR WALL ASSEMBLY (2-HR. OR 3-HR. FIRE-RATING):
  - LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE FLOOR OR WALL (MINIMUM 4-1/2" THICK).
  - ANY UL/CUL CLASSIFIED CONCRETE BLOCK WALL.
- (OPTIONAL) MAXIMUM 32" NOMINAL DIAMETER STEEL PIPE SLEEVE (SCHEDULE 40 OR HEAVIER).
- PENETRATING ITEM TO BE ONE OF THE FOLLOWING:
  - MAXIMUM 20" NOMINAL DIAMETER STEEL PIPE (SCHEDULE 10 OR HEAVIER).
  - MAXIMUM 20" NOMINAL DIAMETER CAST IRON PIPE.
  - MAXIMUM 6" NOMINAL DIAMETER COPPER PIPE.
  - MAXIMUM 6" NOMINAL DIAMETER STEEL CONDUIT.
  - MAXIMUM 4" NOMINAL DIAMETER EMT.
- MINIMUM 4" THICKNESS MINERAL WOOL (MIN. 4 PCF DENSITY) TIGHTLY PACKED.
- MINIMUM 1/2" DEPTH HILTI FS-ONE MAX INTUMESCENT FIRESTOP SEALANT.
- MINIMUM 1/2" CROWN HILTI FS-ONE MAX INTUMESCENT FIRESTOP SEALANT APPLIED AT POINT OF CONTACT.

**NOTES:**

- MAXIMUM DIAMETER OF OPENING = 32".
- ANNULAR SPACE (FOR 3-HR. F-RATING) = MINIMUM 0", MAXIMUM 2-1/4".
- ANNULAR SPACE (FOR 2-HR. F-RATING) = MINIMUM 0", MAXIMUM 12".
- MINIMUM 1/2" DEPTH HILTI FS-ONE MAX INTUMESCENT FIRESTOP SEALANT IS REQUIRED ON BOTH SIDES OF A WALL ASSEMBLY.
- FOR W-RATING, MAXIMUM ANNULAR SPACE IS 1-7/8" AND AN ADDITIONAL FILM SHALL BE APPLIED OVER SLEEVE (WHEN USED) LAPPING MINIMUM 1/2" ONTO FLOOR.

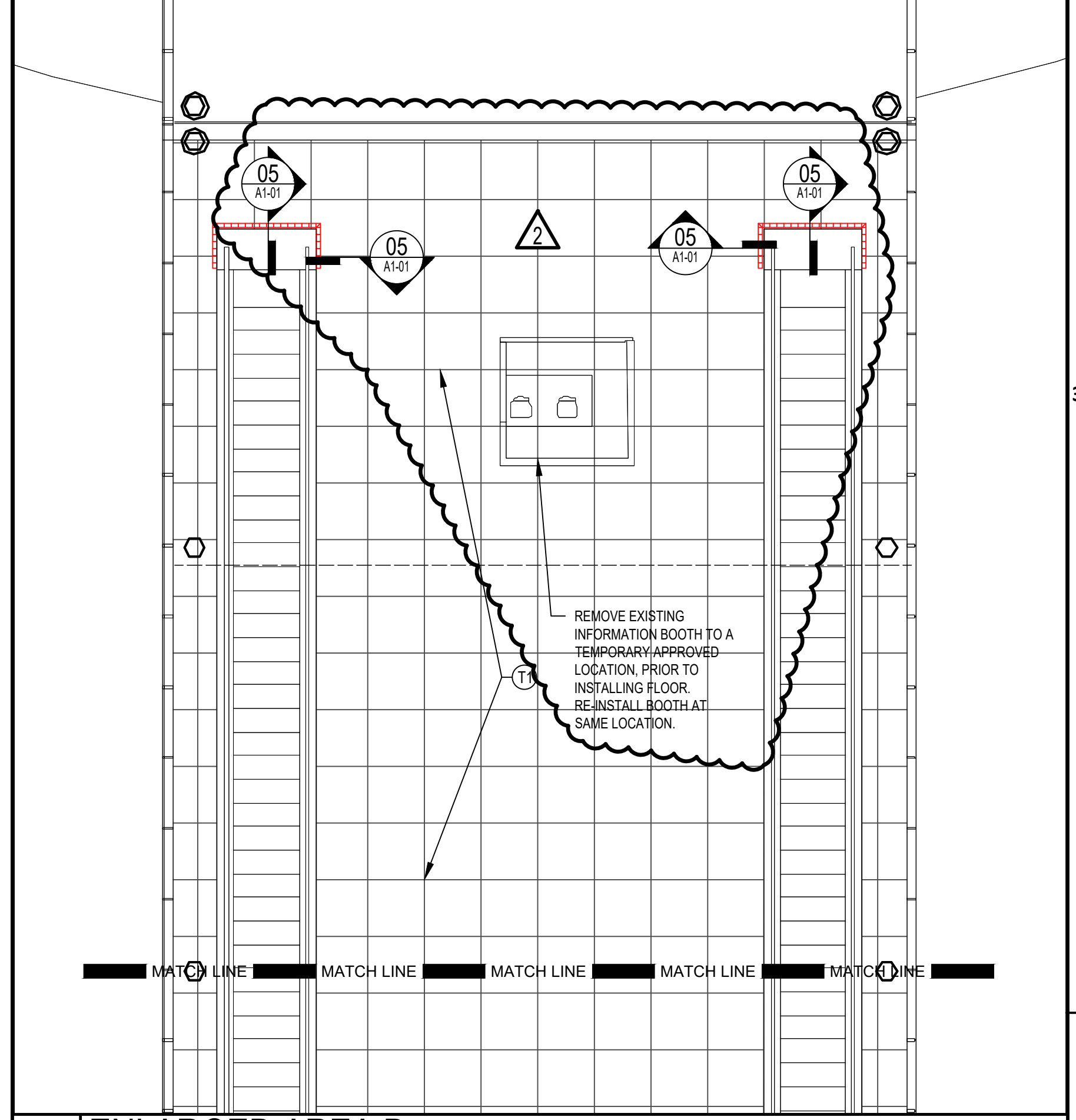
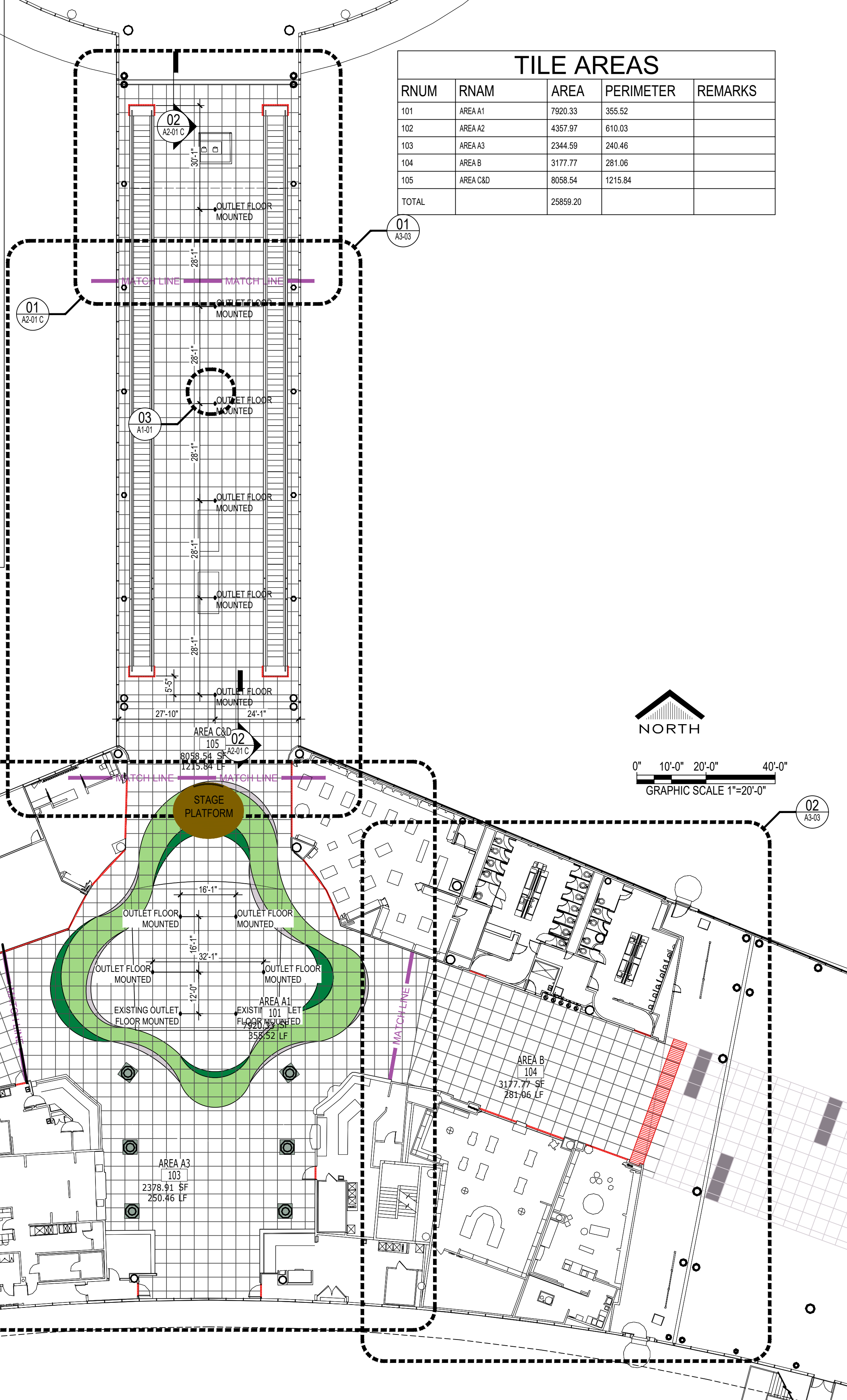
**HILTI Firestop Systems**      HILTI, Inc.      Plano, Texas USA (800) 879-8000

Sheet 1 of 1      Drawing No. CAJ 1155s  
 Scale 1/16" = 1"      Date Apr. 13, 2016

*Saving Lives through Innovation and Education*

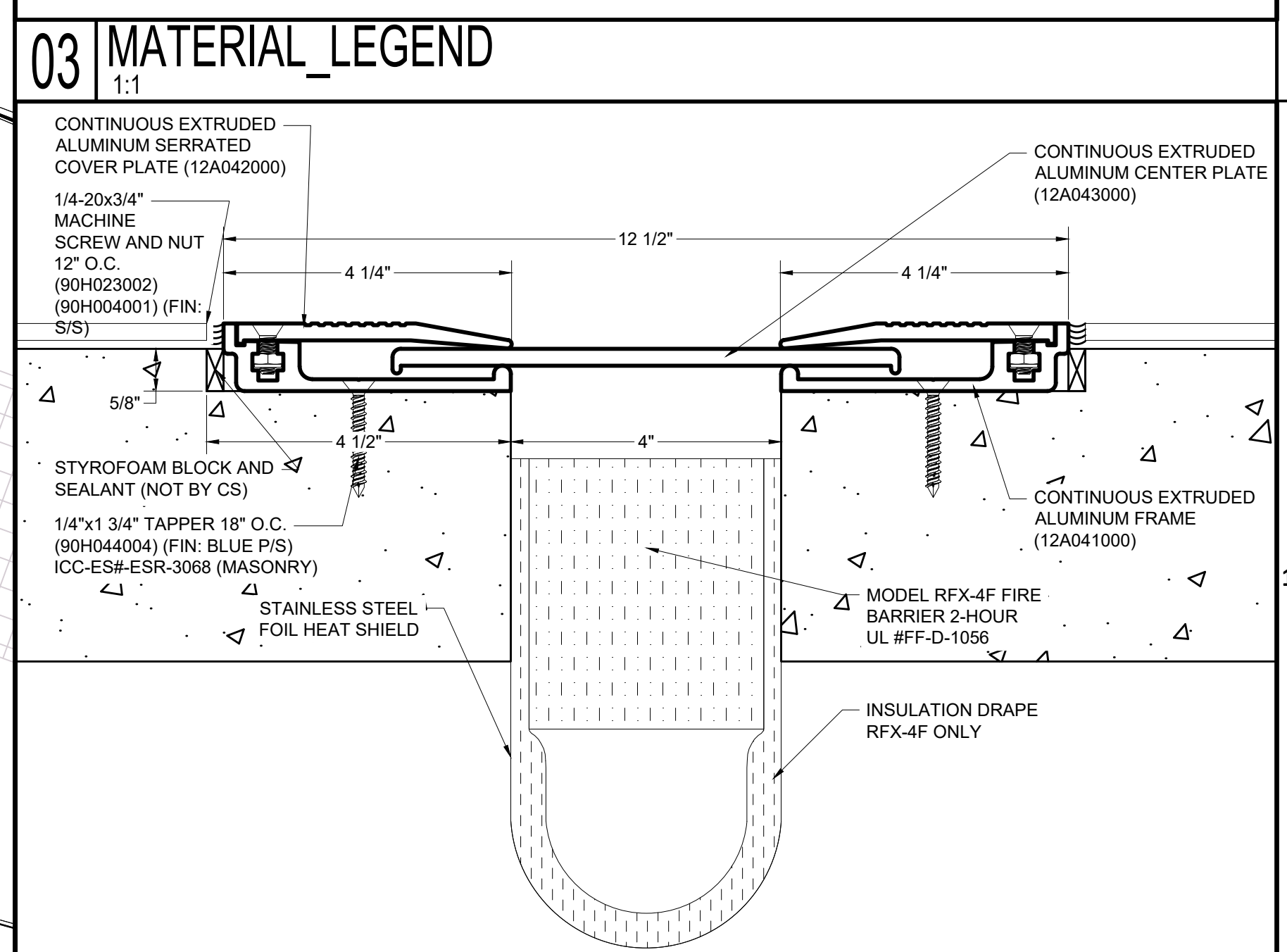
**TILE AREAS**

RNUM	RNAM	AREA	PERIMETER	REMARKS
101	AREA A1	7920.33	355.52	
102	AREA A2	4357.97	610.03	
103	AREA A3	2344.59	240.46	
104	AREA B	3177.77	281.06	
105	AREA C&D	8058.54	1215.84	
TOTAL		25859.20		



**MATERIAL LEGEND**

ID	NAME	COMPANY	MODEL	REMARKS
T1	PERLA BLANCO	TREND	ETHERIUM - 616	
T2	HOU PANOTONE 359C	TREND	ETHERIUM - E004-22	
T3	VERDE ETERNO	TREND	ETHERIUM - 462	
T4	BLACK DIAMOND	TREND	ETHERIUM - 646	



**HOUSTON AIRPORTS**

HOU CENTRAL CONCOURSE FLOOR REPLACEMENT - 7800 AIRPORT BLVD, HOUSTON, TX 77061

**HOU CENTRAL CONCOURSE FLOOR REPLACEMENT**

C.I.P. No.      A.I.P. No.  
 C.O.H. No.      D.O.A. No.

**MWA ARCHITECTS**  
 11767 KATY FREEWAY SUITE 430  
 HOUSTON, TEXAS 77079 - 713-482-2338

**DESIGNER PROJECT No.:** 21-08  
**PROJECT STATUS:** CONSTRUCTION DOCUMENTS

**REVISIONS**

No.	DESCRIPTION	DATE	BY
A	ISSUED FOR SD 10/08/2021		J TOHILL
B	ISSUED FOR 95% REVIEW 03/31/2022		J TOHILL
0	ISSUED FOR PERMIT 05/06/2022		J TOHILL
1	ISSUED FOR PERMIT 08/20/2022		J TOHILL
2	ISSUED FOR ADD. 01/11/04/2022		J TOHILL
6			
7			
8			
9			

**DESIGNER:** H.GOMEZ  
**DRAWN BY:** J.TOHILL  
**CHECKED BY:** TBD  
**ISSUE DATE:** 11/04/2022  
**APPROVED BY:**  
**APPROVAL DATE:**

DIRECTOR of HOUSTON AIRPORT SYSTEM

Review/Approval Category

**IFP** ISSUED FOR PERMIT

Professional Engineer Seal: J. TOHILL, ARCHITECT, STATE OF TEXAS, 29651

06/24/2022

**02 FLOOR EXPANSION JOINT**  
 6" = 1'-0" XREF

**01 OVERALL FLOOR FINISH PLAN**  
 1" = 20'-0"

**OVERALL FINISH FLOOR PLAN**

SHEET NAME: OVERALL FINISH FLOOR PLAN  
 SHEET No. A2-01 C      SCALE:

SHEET SIZE: 22"x34" ANSI-D

F:\2021\21-08 HAS HOU CENTRAL CONCOURSE FLOOR REPLACEMENT\DWGS\A2-01 C OVERALL FINISH FLOOR PLAN.DWG  
 PLOT DATE: 4 November 2022 2:12:01 PM  
 OLD DWA No.:  
 DOA DWG FILE:



HOU CENTRAL CONCOURSE FLOOR REPLACEMENT - 7800 AIRPORT BLVD, HOUSTON, TX 77061

### HOU CENTRAL CONCOURSE FLOOR REPLACEMENT

C.I.P. No. A.I.P. No.  
C.O.H. No. D.O.A No.



DESIGNER PROJECT No.: 21-08  
PROJECT STATUS: CONSTRUCTION DOCUMENTS

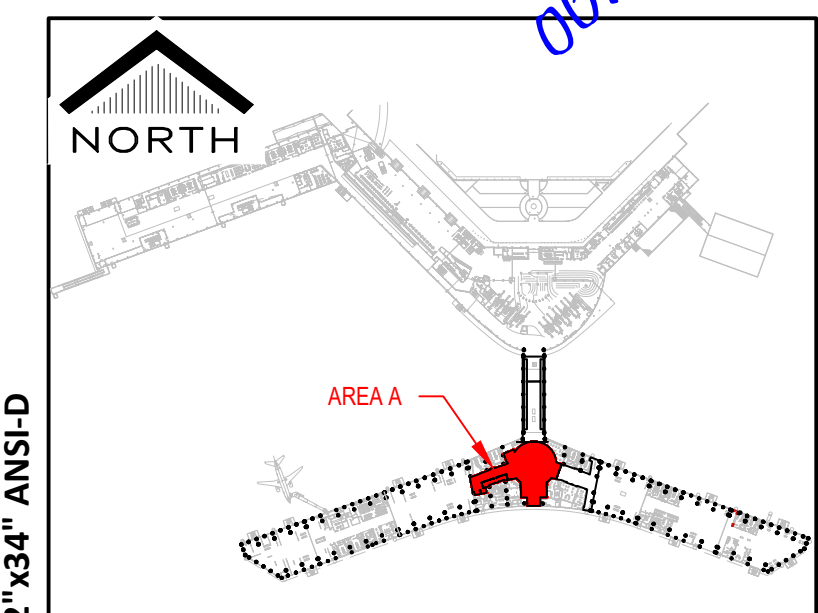
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No.	DESCRIPTION	DATE	BY
A	ISSUED FOR SD 10/08/2021		J TOHILL
B	ISSUED FOR 95% REVIEW 03/31/2022		J TOHILL
0	ISSUED FOR PERMIT 05/06/2022		J TOHILL
1	ISSUED FOR ADD. 01 11/04/2022		J TOHILL

DESIGNER: H GOMEZ  
 DRAWN BY: J TOHILL  
 CHECKED BY: TBD  
 ISSUE DATE: 11/04/2022  
 APPROVED BY:  
 APPROVAL DATE:

DIRECTOR  
 of  
 HOUSTON AIRPORT SYSTEM

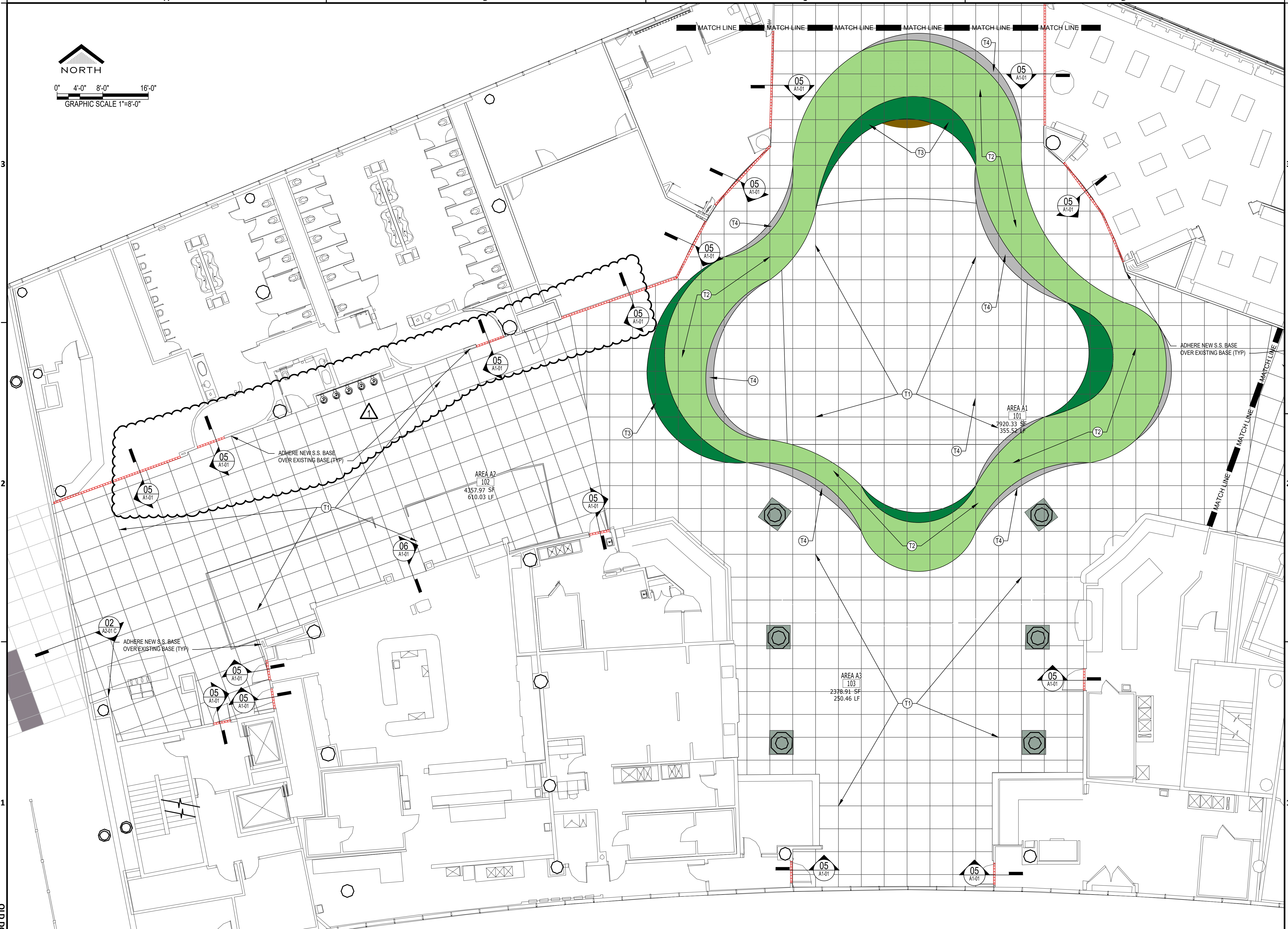
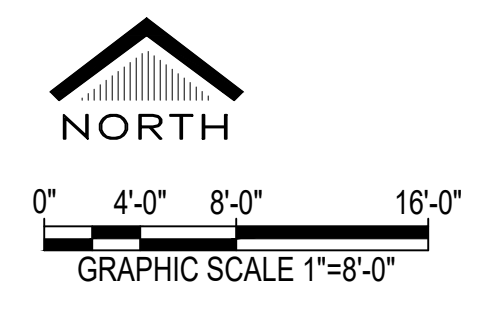
Review/ Approval Category

**IFP**  
ISSUED FOR PERMIT



SHEET NAME:  
ENLARGED FLOOR PLAN - AREA A

SHEET No. A3-01 SCALE:



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 OLD DWA No.:  
 DOA DWG FILE:

# 01 ENLARGED AREA A

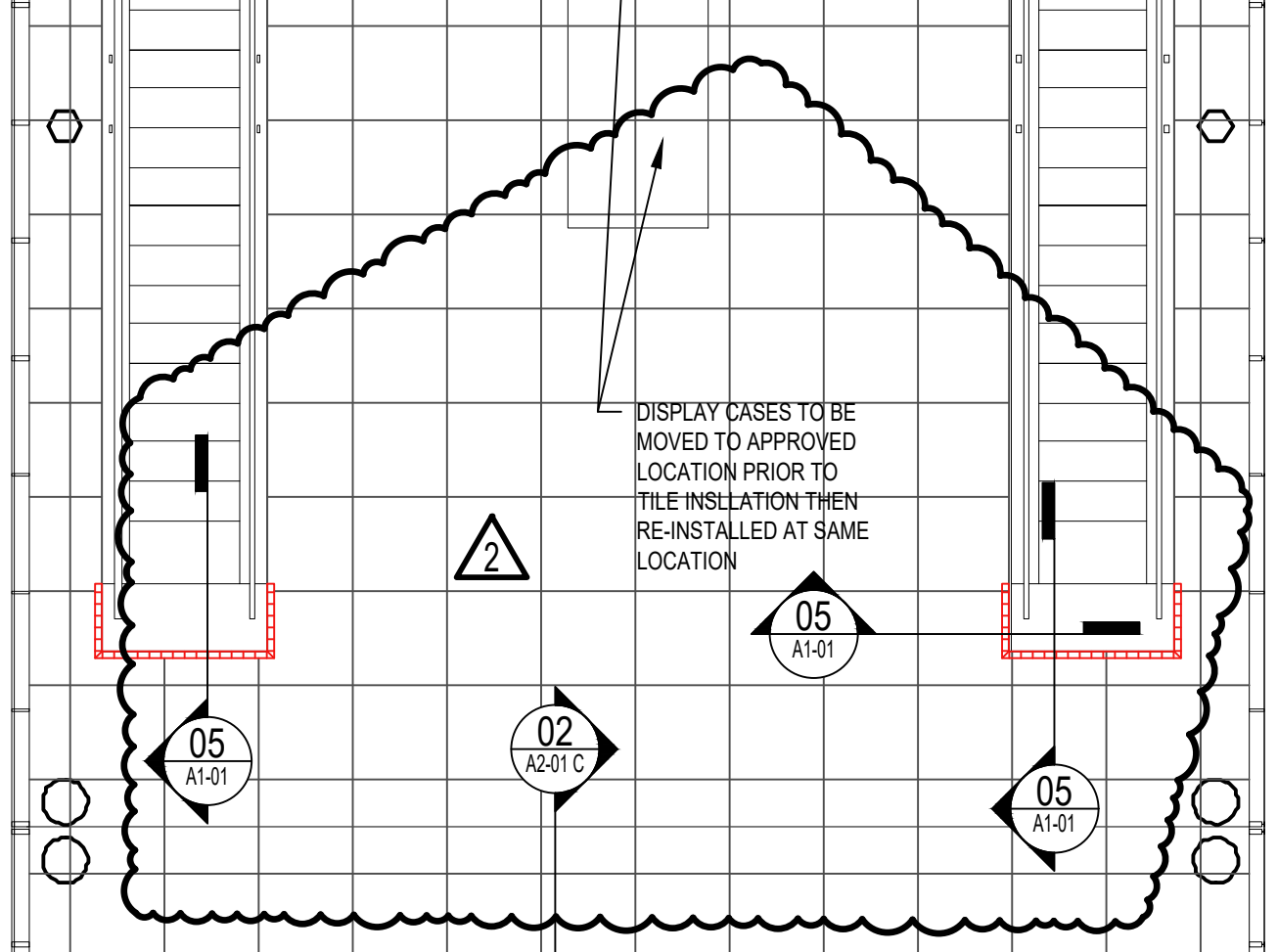
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SHEET SIZE: 22" X 34" ANSI-D





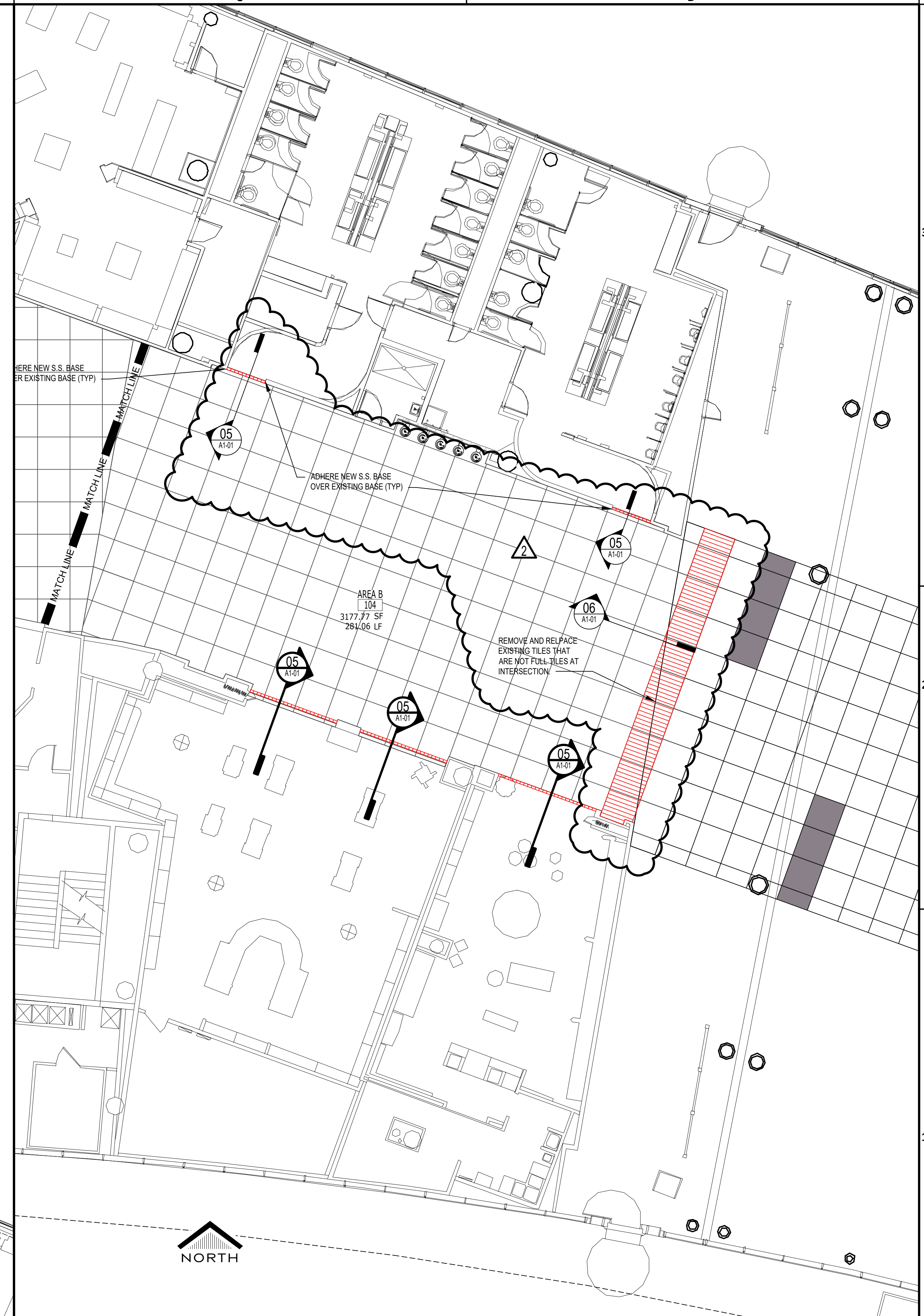
MATCH LINE MATCH LINE MATCH LINE MATCH LINE MATCH LINE



AREA C&D  
105  
8058.54 SF  
1215.84 LF

MATCH LINE MATCH LINE MATCH LINE MATCH LINE MATCH LINE

01 ENLARGED AREA C  
1/8" = 1'-0"



02 ENLARGED AREA B  
1/8" = 1'-0"



HOU CENTRAL CONCOURSE FLOOR REPLACEMENT - 7800  
AIRPORT BLVD, HOUSTON, TX 77061

HOU CENTRAL CONCOURSE FLOOR REPLACEMENT

C.I.P. No. A.I.P. No.  
C.O.H. No. D.O.A. No.



11767 KATY FREEWAY SUITE 430  
HOUSTON, TEXAS 77079 - 713-482-2338

DESIGNER PROJECT No.: 21-08  
PROJECT STATUS: CONSTRUCTION DOCUMENTS

REVISIONS

No.	DESCRIPTION	DATE	BY
A	ISSUED FOR SD 10/08/2021		J TOHILL
B	ISSUED FOR 95% REVIEW 03/31/2022		J TOHILL
0	ISSUED FOR PERMIT 05/06/2022		J TOHILL
1	ISSUED FOR PERMIT COMMENTS 06/24/2022		J TOHILL
2	ISSUED FOR ADD. 01 11/04/2022		J TOHILL

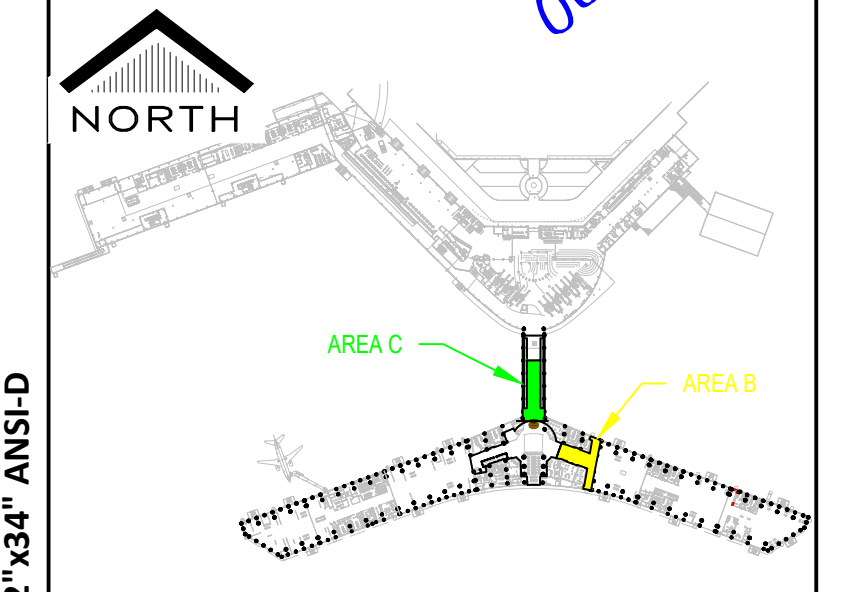
DESIGNER: H GOMEZ  
DRAWN BY: J TOHILL  
CHECKED BY: TBD  
ISSUE DATE: 11/04/2022  
APPROVED BY:  
APPROVAL DATE:

DIRECTOR  
of  
HOUSTON AIRPORT SYSTEM

Review/ Approval Category

**IFP**

ISSUED FOR PERMIT



SHEET NAME:  
ENLARGED FLOOR PLAN - AREAS B AND C

SHEET No. A3-03 SCALE:

SHEET SIZE: 22"x34" ANSI-D

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OLD DWA No.:  
DOA DWG FILE:

**DESIGNER PROJECT No.:** 21-08  
**PROJECT STATUS:** CONSTRUCTION DOCUMENTS

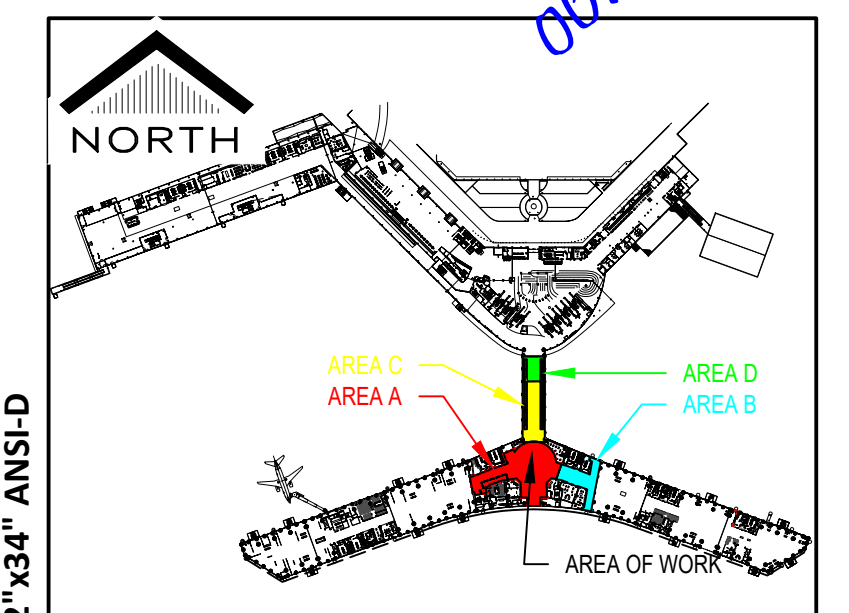
**REVISIONS**

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0	ISSUED FOR PERMIT	05/06/2022	JTOHILL

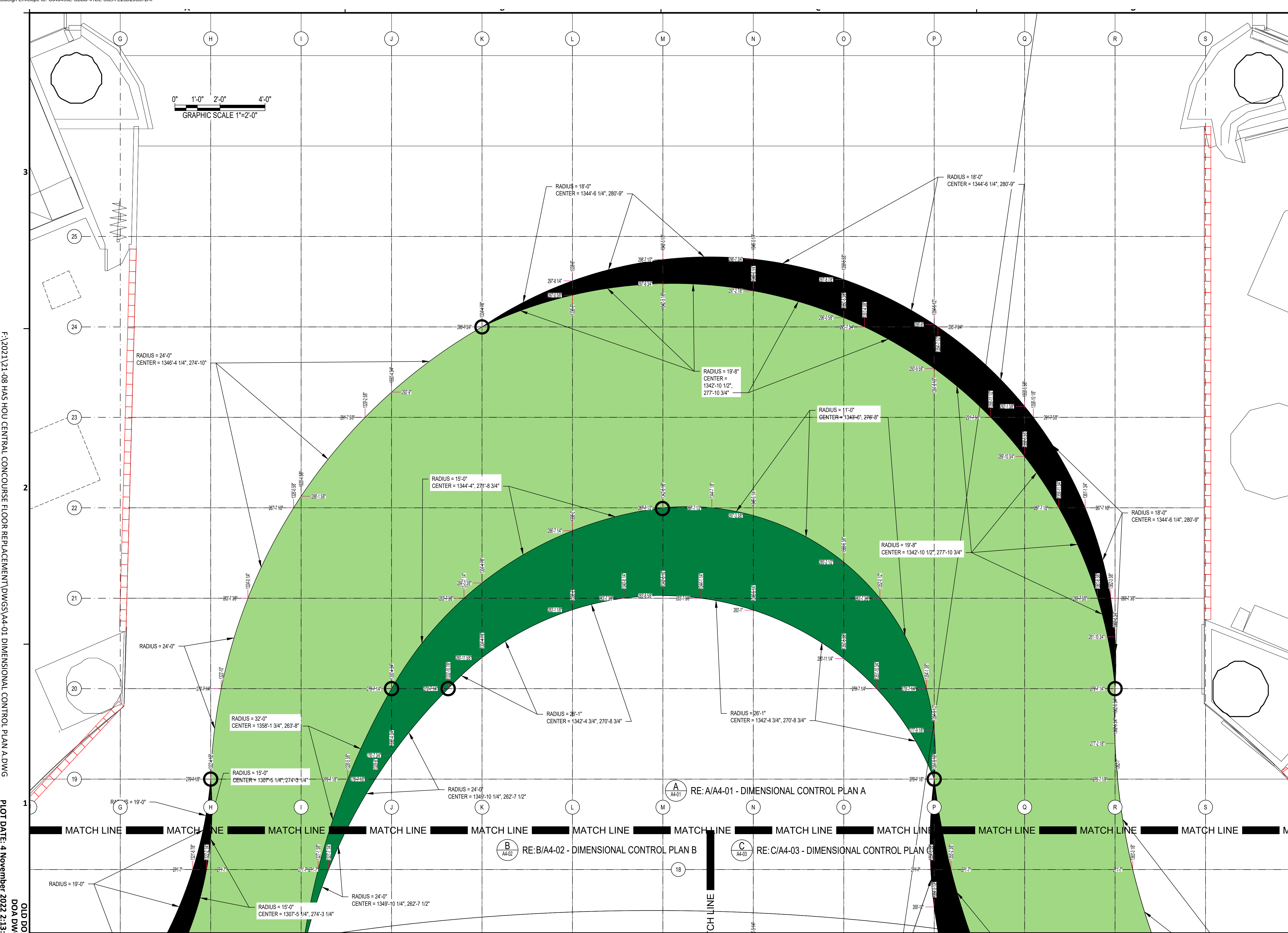
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**DRAWN BY:** JTOHILL  
**CHECKED BY:** TBD  
**ISSUE DATE:** 05/06/2022  
**APPROVED BY:**  
**APPROVAL DATE:**

DIRECTOR  
of  
HOUSTON AIRPORT SYSTEM

Review/ Approval Category	<p>06/24/2022</p>
<b>IFP</b> ISSUED FOR PERMIT	



**SHEET NAME:** DIMENSIONAL CONTROL PLAN A  
**SHEET No.:** A4-01  
**SCALE:**



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 DDA DWG FILE:  
 PLOT DATE: 4 November 2022 2:13:12 PM

**A DIMENSIONAL CONTROL PLAN A**  
1/2" = 1'-0" XREF

SHEET SIZE: 22"X34" ANSI-D



HOU CENTRAL CONCOURSE FLOOR REPLACEMENT - 7800 AIRPORT BLVD, HOUSTON, TX 77061

### HOU CENTRAL CONCOURSE FLOOR REPLACEMENT

C.I.P. No. A.I.P. No.  
C.O.H. No. D.O.A No.



DESIGNER PROJECT No.: 21-08  
PROJECT STATUS: CONSTRUCTION DOCUMENTS

#### REVISIONS

No.	DESCRIPTION	DATE	BY
A	ISSUED FOR 95% REVIEW	03/31/2022	JTOHILL
0	ISSUED FOR PERMIT	05/06/2022	JTOHILL

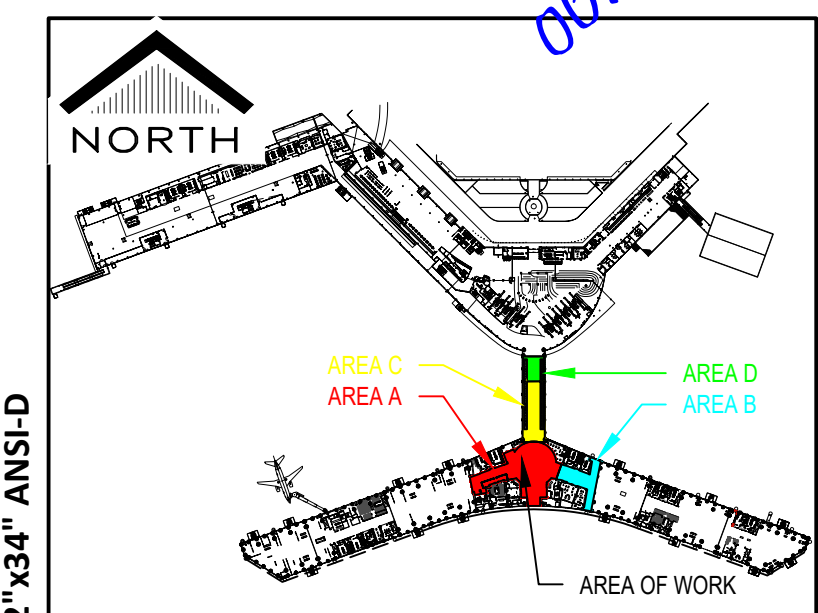
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 DRAWN BY: JTOHILL  
 CHECKED BY: TBD  
 ISSUE DATE: 05/06/2022  
 APPROVED BY:  
 APPROVAL DATE:

DIRECTOR  
 of  
 HOUSTON AIRPORT SYSTEM

Review/ Approval Category

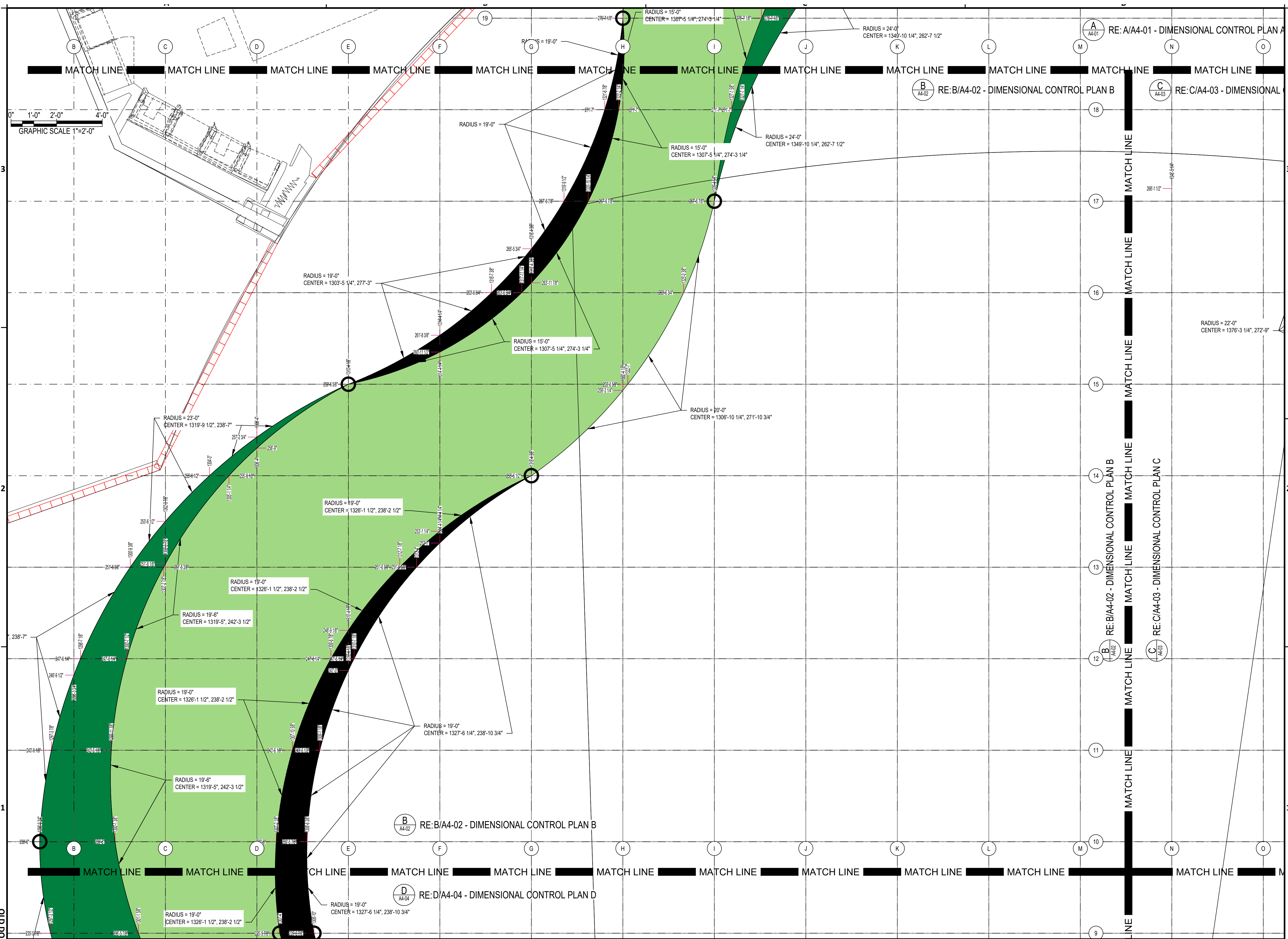
**IFP**

ISSUED FOR PERMIT



SHEET NAME: DIMENSIONAL CONTROL PLAN B

SHEET No. A4-02 SCALE:



## B DIMENSIONAL CONTROL PLAN B

1/2" = 1'-0"

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 PLOT DATE: 4 November 2022 2:13:37 PM  
 OLD DWA No.:  
 DWA DWG FILE:

SHEET SIZE: 22"x34" ANSI-D



HOU CENTRAL CONCOURSE FLOOR REPLACEMENT - 7800 AIRPORT BLVD, HOUSTON, TX 77061

**HOU CENTRAL CONCOURSE FLOOR REPLACEMENT**

C.I.P. No. A.I.P. No.  
C.O.H. No. D.O.A No.



DESIGNER PROJECT No.: 21-08  
PROJECT STATUS: CONSTRUCTION DOCUMENTS

**REVISIONS**

No.	DESCRIPTION	DATE	BY
A	ISSUED FOR 95% REVIEW	03/31/2022	JTOHILL
0	ISSUED FOR PERMIT	05/06/2022	JTOHILL

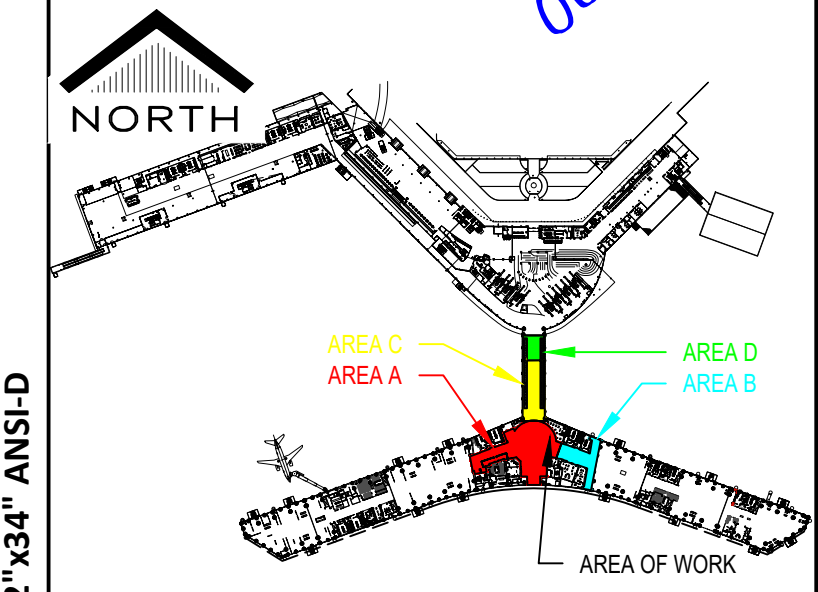
DESIGNER: H GOMEZ  
DRAWN BY: JTOHILL  
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ISSUE DATE: 05/06/2022  
APPROVED BY:  
APPROVAL DATE:

DIRECTOR  
of  
HOUSTON AIRPORT SYSTEM

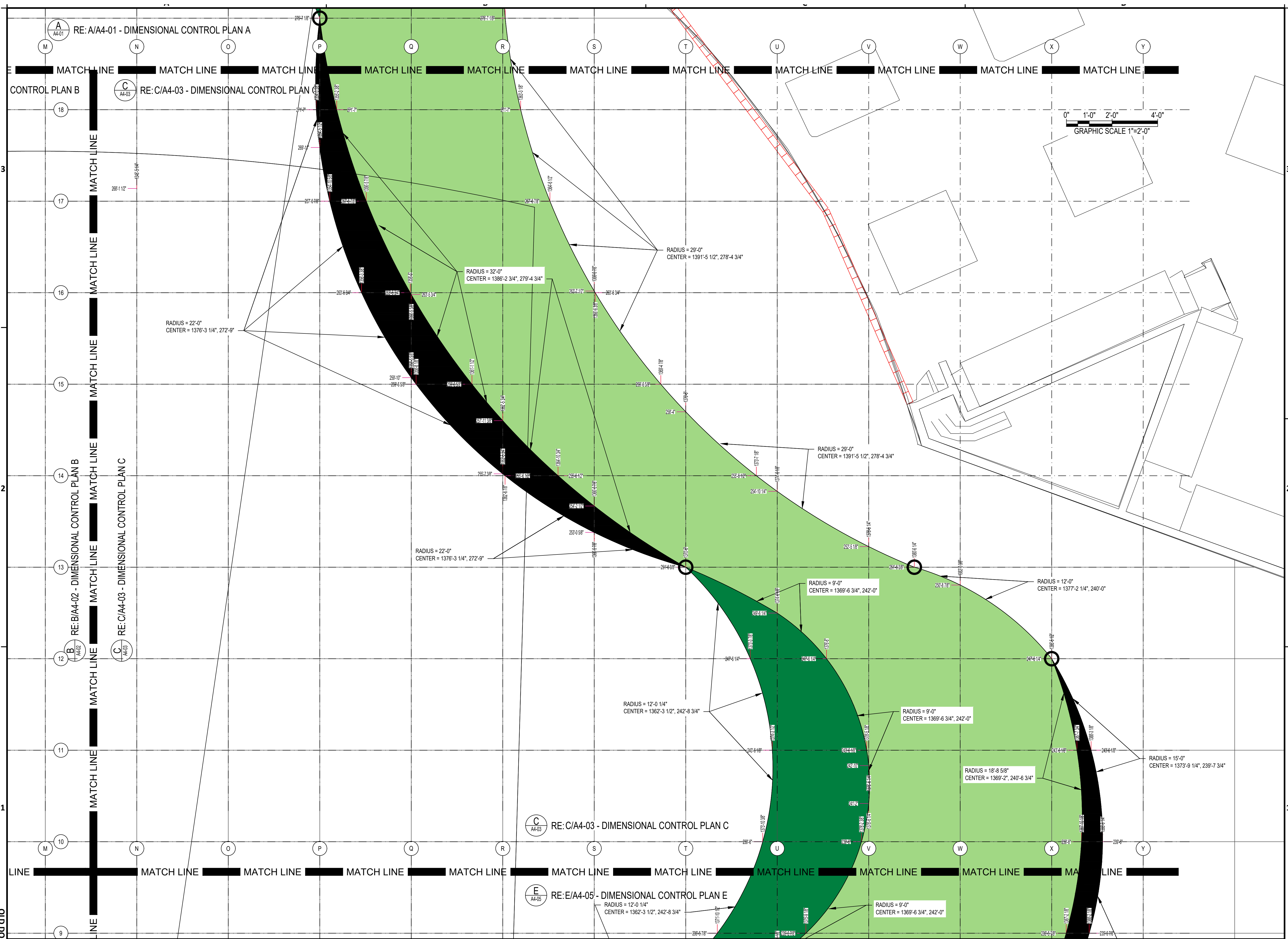
Review/ Approval Category

**IFP**

ISSUED FOR PERMIT



SHEET NAME: DIMENSIONAL CONTROL PLAN C  
SHEET No. A4-03  
SCALE:



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 FILE NAME:  
 OLD DWA No. :  
 DOA DWG FILE:  
 PLOT DATE: 4 November 2022 2:14:01 PM

**C DIMENSIONAL CONTROL PLAN C**  
1/2" = 1'-0"

SHEET SIZE: 22" X 34" ANSI-D



HOU CENTRAL CONCOURSE FLOOR REPLACEMENT - 7800 AIRPORT BLVD, HOUSTON, TX 77061

**HOU CENTRAL CONCOURSE FLOOR REPLACEMENT**

C.I.P. No.	A.I.P. No.
C.O.H. No.	D.O.A. No.



DESIGNER PROJECT No.: 21-08  
 PROJECT STATUS: CONSTRUCTION DOCUMENTS

**REVISIONS**

No.	DESCRIPTION	DATE	BY
A	ISSUED FOR 95% REVIEW	03/31/2022	JTOHILL
0	ISSUED FOR PERMIT	05/06/2022	JTOHILL
1	ISSUED FOR ADD.	01/11/04/2022	JTOHILL

DESIGNER: H GOMEZ  
 DRAWN BY: JTOHILL  
 CHECKED BY: TBD  
 ISSUE DATE: 11/04/2022  
 APPROVED BY:  
 APPROVAL DATE:

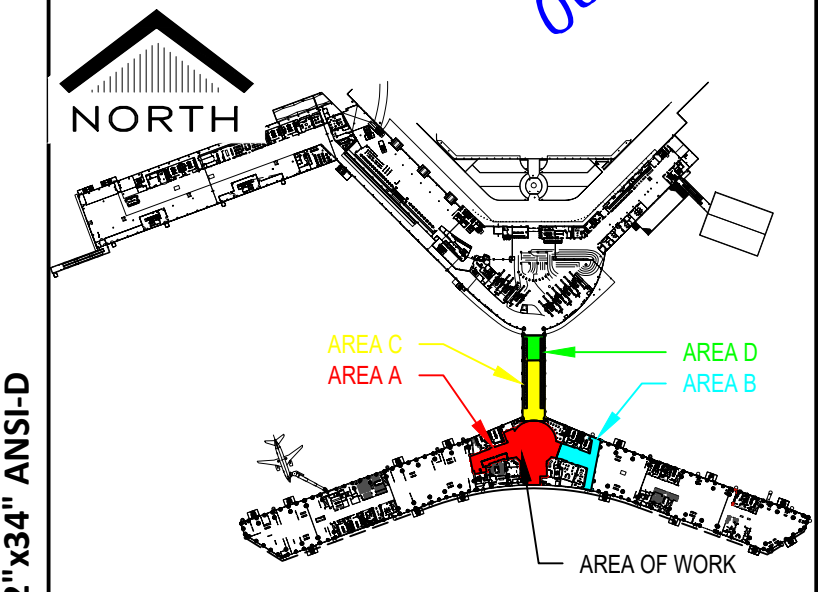
DIRECTOR  
 of  
 HOUSTON AIRPORT SYSTEM

Review/ Approval Category

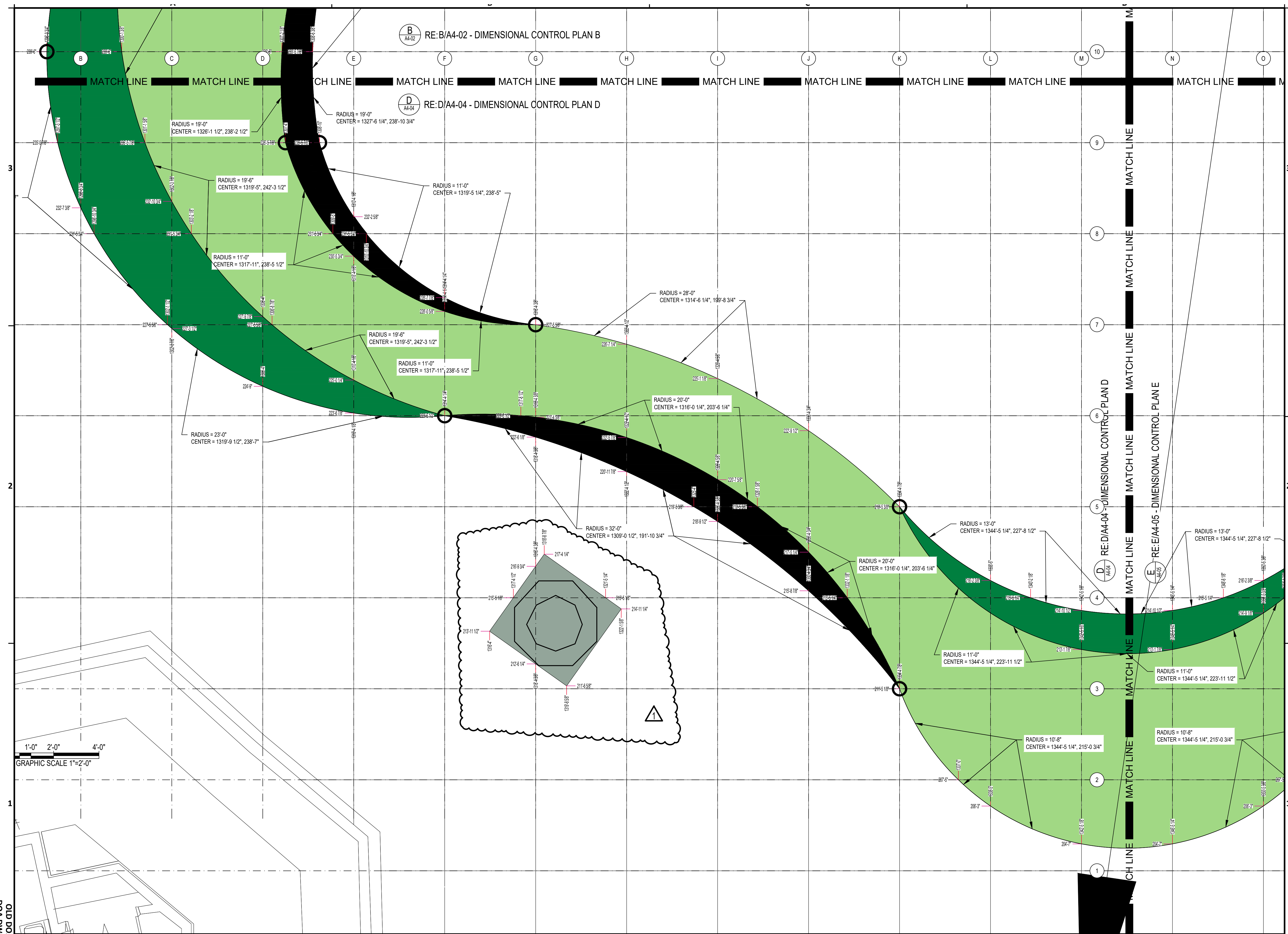
**IFP**

ISSUED FOR PERMIT

Professional Engineer Seal: State of Texas, No. 22651, Date 06/24/2022



SHEET NAME: DIMENSIONAL CONTROL PLAN D  
 SHEET No. A4-04  
 SCALE:



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 PLOT DATE: 4 November 2022 2:14:26 PM  
 OLD DOA No.:  
 DOA DWG FILE:

**D DIMENSIONAL CONTROL PLAN D**  
 1/2" = 1'-0" XREF

SHEET SIZE: 22" x 34" ANSI-D



HOU CENTRAL CONCOURSE FLOOR REPLACEMENT - 7800 AIRPORT BLVD, HOUSTON, TX 77061  
**HOU CENTRAL CONCOURSE FLOOR REPLACEMENT**  
 C.I.P. No. A.I.P. No.  
 C.O.H. No. D.O.A No.



**DESIGNER PROJECT No.:** 21-08  
**PROJECT STATUS:** CONSTRUCTION DOCUMENTS

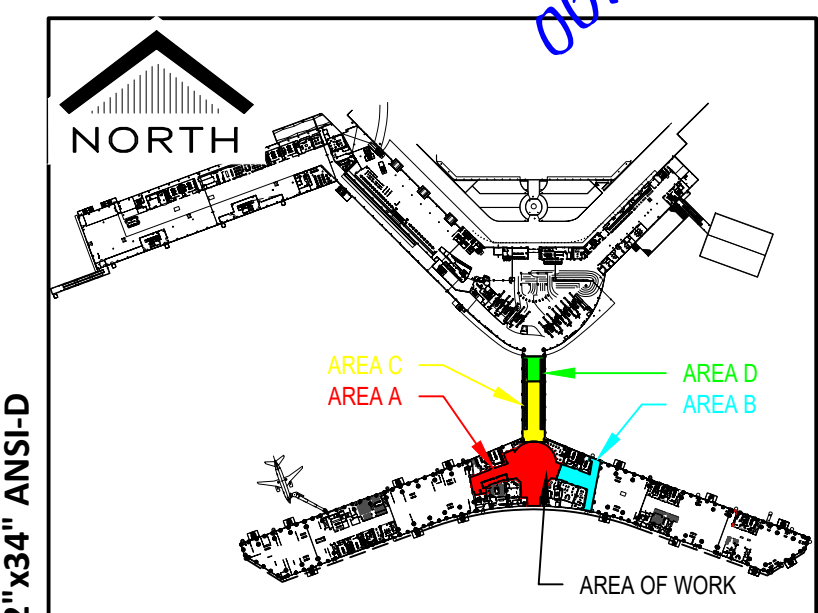
**REVISIONS**

No.	DESCRIPTION	DATE	BY
A	ISSUED FOR 95% REVIEW	03/31/2022	JTOHILL
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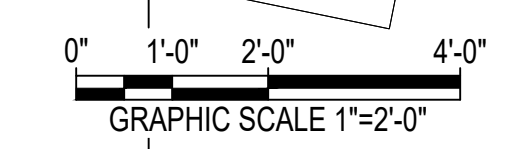
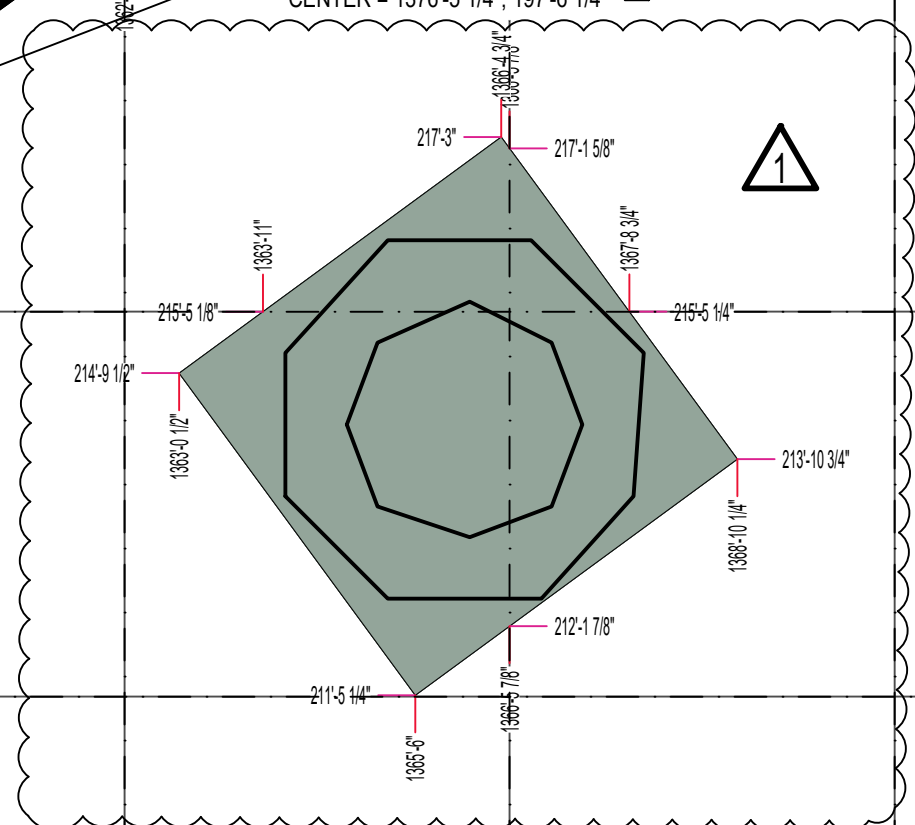
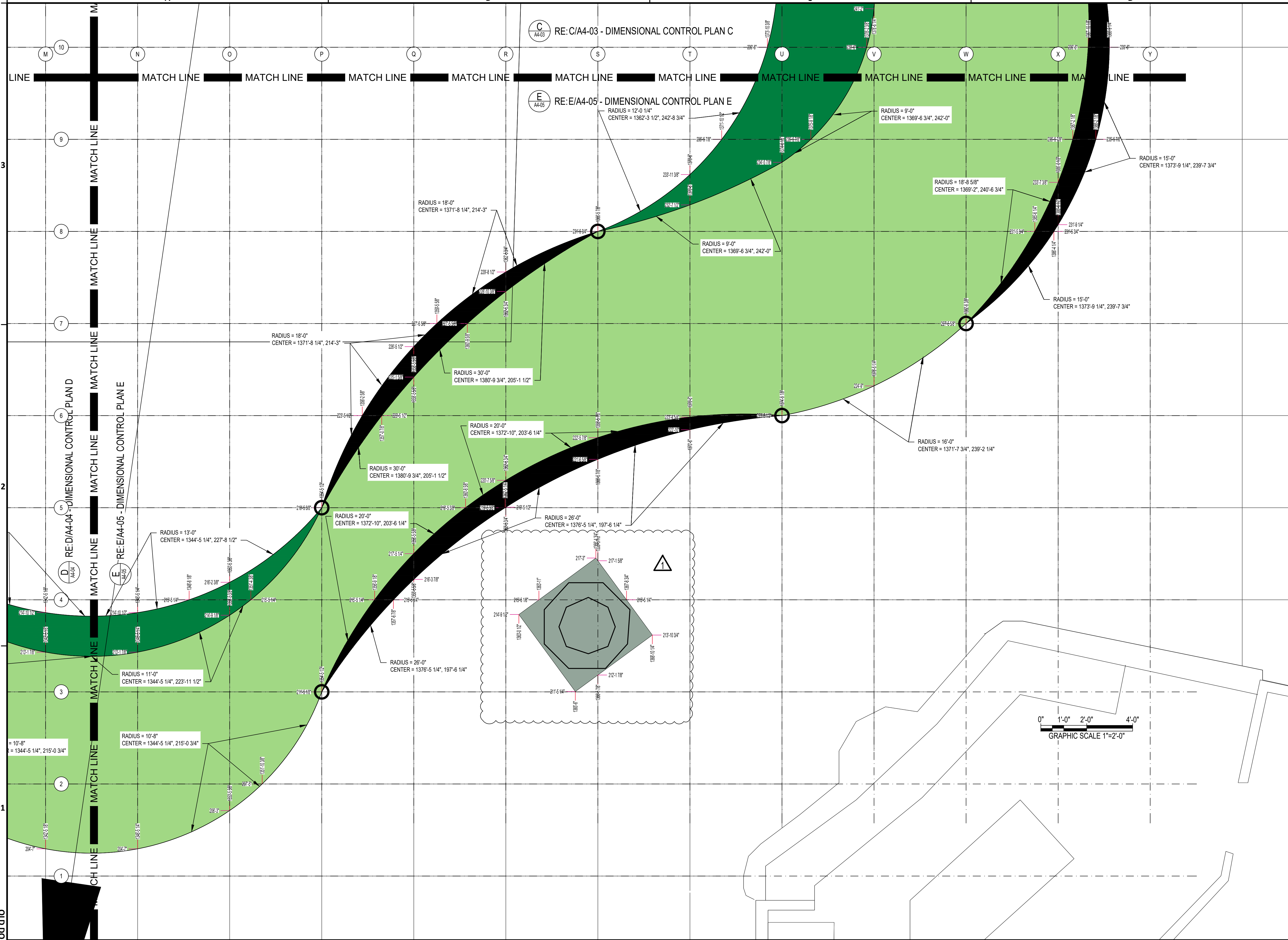
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**DRAWN BY:** JTOHILL  
**CHECKED BY:** TBD  
**ISSUE DATE:** 11/04/2022  
**APPROVED BY:**  
**APPROVAL DATE:**

DIRECTOR  
 of  
 HOUSTON AIRPORT SYSTEM

Review/ Approval Category  
**IFP**  
 ISSUED FOR PERMIT



SHEET NAME:  
**DIMENSIONAL CONTROL PLAN E**  
 SHEET No. A4-05 SCALE:



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 PLOT DATE: 4 November 2022 2:14:50 PM  
 OLD DWA No.:  
 DWA DWG FILE:

**E DIMENSIONAL CONTROL PLAN E**  
 1/2" = 1'-0"

SHEET SIZE: 22"x34" ANSI-D