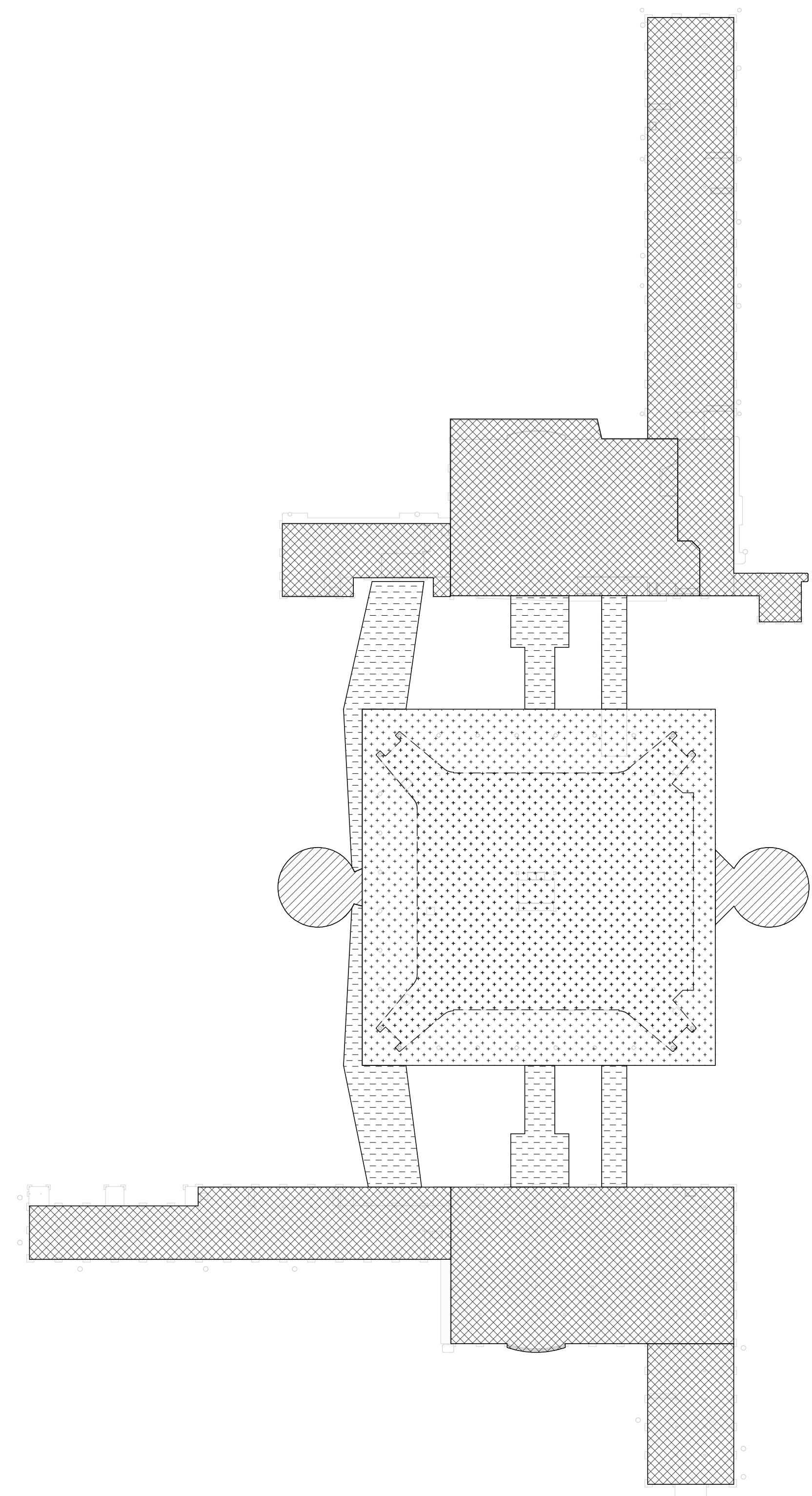


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STRUCTURAL GENERAL NOTES	
PART I - DESIGN CRITERIA	
A.	GENERAL BUILDING CODE
1.	THE CONSTRUCTION DOCUMENTS ARE BASED ON THE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE 2012 WITH CITY OF HOUSTON AMENDMENTS.
B.	WIND LOADS
1.	WIND PRESSURES ARE BASED ON THE AMERICAN SOCIETY OF CIVIL ENGINEERS, MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES, ASCE 7-10 AND THE FOLLOWING CRITERIA: a. BASIC WIND SPEED: 139MPH (3 SECOND GUST) b. BUILDING CATEGORY: II c. WIND EXPOSURE CATEGORY: C d. INTERNAL PRESSURE COEFFICIENT: +0.18/-0.18
PART II - MISCELLANEOUS	
A.	CONTRACT DOCUMENTS
1.	IT IS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO OBTAIN ALL CONTRACT DOCUMENTS AND LATEST ADDENDA AND TO SUBMIT SUCH DOCUMENTS TO ALL SUBCONTRACTORS AND MATERIAL SUPPLIERS PRIOR TO THE SUBMITTAL OF SHOP DRAWINGS, FABRICATION OF ANY STRUCTURAL MEMBERS, AND ERECTION IN THE FIELD.
B.	DRAWING CONFLICTS
1.	THE GENERAL CONTRACTOR SHALL COMPARE THE ARCHITECTURAL AND STRUCTURAL DRAWINGS AND REPORT ANY DISCREPANCY BETWEEN EACH SET OF DRAWINGS AND WITHIN EACH SET OF DRAWINGS TO THE ARCHITECT AND ENGINEER PRIOR TO THE FABRICATION AND INSTALLATION OF ANY STRUCTURAL MEMBERS.
C.	CONFLICTS IN STRUCTURAL REQUIREMENTS
1.	WHERE CONFLICT EXISTS AMONG THE VARIOUS PARTS OF THE STRUCTURAL CONTRACT DOCUMENTS, STRUCTURAL DRAWINGS, GENERAL NOTES, AND SPECIFICATIONS, THE STRICTEST REQUIREMENTS, AS INDICATED BY THE ENGINEER, SHALL GOVERN.
D.	EXISTING CONDITIONS
1.	THE GENERAL CONTRACTOR SHALL VERIFY ALL CONDITIONS OF THE EXISTING BUILDING AT THE JOB SITE AND REPORT ANY DISCREPANCIES FROM ASSUMED CONDITIONS SHOWN ON THE DRAWINGS TO THE ARCHITECT AND ENGINEER PRIOR TO THE FABRICATION AND ERECTION OF ANY MEMBERS.
2.	EXISTING CONSTRUCTION SHOWN ON THE DRAWINGS WAS OBTAINED FROM EXISTING CONSTRUCTION DOCUMENTS AND LIMITED SITE OBSERVATION. THESE DRAWINGS OF EXISTING CONSTRUCTION ARE AVAILABLE FOR CONTRACTOR USE. HOWEVER, THE AVAILABLE DRAWINGS OF EXISTING CONSTRUCTION ARE NOT NECESSARILY COMPLETE. THE CONTRACTOR SHALL FIELD VERIFY ALL PERTINENT INFORMATION.
3.	DEMOLITION, CUTTING, DRILLING, ETC. OF EXISTING WORK SHALL BE PERFORMED WITH GREAT CARE SO AS NOT TO JEOPARDIZE THE STRUCTURAL INTEGRITY OF THE EXISTING BUILDING. IF ANY ARCHITECTURAL, STRUCTURAL, OR MEP MEMBERS NOT DESIGNATED FOR REMOVAL INTERFERE WITH THE NEW WORK, THE ARCHITECT SHALL BE NOTIFIED IMMEDIATELY AND APPROVAL OBTAINED PRIOR TO REMOVAL OF THOSE MEMBERS.
4.	THE CONTRACTOR SHALL VERIFY THE LOCATION OF EXISTING UTILITIES PRIOR TO THE START OF CONSTRUCTION AND TAKE CARE TO PROTECT EXISTING UTILITIES THAT ARE TO REMAIN IN SERVICE.
5.	THE CONTRACTOR SHALL REPAIR ALL DAMAGE CAUSED DURING CONSTRUCTION WITH SIMILAR MATERIALS AND WORKMANSHIP TO RESTORE CONDITIONS TO LEVELS ACCEPTABLE TO THE ARCHITECT.
E.	CONTRACTOR SUBSTITUTIONS
1.	ANY MATERIALS OR PRODUCTS SUBMITTED FOR APPROVAL THAT ARE DIFFERENT FROM THE MATERIAL OR PRODUCTS SPECIFIED IN THE STRUCTURAL CONTRACT DOCUMENTS WILL BE APPROVED ONLY IF THE FOLLOWING CRITERIA ARE SATISFIED: a. A COST SAVINGS TO THE OWNER IS DOCUMENTED AND SUBMITTED WITH THE REQUEST. b. THE MATERIAL OR PRODUCT HAS BEEN APPROVED BY THE INTERNATIONAL CODE COUNCIL (ICC) AND THE ICC REPORT IS SUBMITTED WITH THE REQUEST. 1) THE ICC ESR THAT IS SUBMITTED MUST REFERENCE THE BUILDING CODE UNDER WHICH THE PROJECT IS PERMITTED. 2) ICC REPORTS THAT HAVE BEEN DISCONTINUED AT THE TIME OF PRODUCT INSTALLATION WILL NOT BE ACCEPTED.
2.	SUBMITTALS NOT SATISFYING THE ABOVE CRITERIA WILL NOT BE CONSIDERED.



STRUCTURE TYPE KEY LEGEND		
PATTERN	CONSTRUCTION TYPE	REMARKS
	CONC W/ STEEL	CAST IN PLACE PAN SYSTEM WITH STEEL MEZZANINE
	CONC	ONE WAY SLAB W/ MILD REINF
	CONC	REINF SYSTEM VARIES PER LEVEL (PT REINF ON SOME LEVELS)
	STEEL	STEEL STRUCTURE W/ COMPOSITE DECK

- NOTES:
- WHERE SIGN SUPPORT IS TO BE ANCHORED TO CONC. (SEE PLAN KEY), CONTRACTOR TO COORDINATE WITH STRUCTURAL ENGINEER TO DETERMINE METHOD OF CONC. REINFORCEMENT. IF CONC. IS UTILIZING P.T. REINFORCEMENT, GPR TESTING IS REQUIRED PRIOR TO DRILLING TO AVOID CONFLICT WITH P.T. TENDONS.
 - G.C. TO REFERENCE ARCH DRAWINGS FOR ALL INFORMATION REGARDING SIGN LOCATION, SIGN TYPE, ETC.
 - REFERENCE SHEET S310 FOR TYP. STRUCTURAL DETAILS AND REFERENCE SIGN MANUFACTURER'S DRAWINGS FOR ALL OTHER, SIGN SPECIFIC, CONDITIONS.
 - G.C. TO COORDINATE DESIGN RESPONSIBILITY OF SIGNAGE MANUFACTURER AND NOTIFY ALL PARTIES IF THERE ARE GAPS IN DESIGN OF SIGN SUPPORT ELEMENTS.

1
TERMINAL A - GENERAL SITE PLAN
 1" = 100'-0"

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PROJECT NAME

IAH TERMINAL A SIGNAGE & WAYFINDING

PROJECT LOCATION

**IAH TERMINAL A
 2800 N. TERMINAL RD.
 HOUSTON, TX 77032**

REGISTRATION

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DRAWING HISTORY

No.	DESCRIPTION	DATE
1	100% CONSTRUCTION DOCUMENTS	10-07-20

PROJECT NUMBER

1003770

SHEET TITLE

OVERALL SITE PLAN

SHEET NUMBER

S100