

# MIAMI INTERNATIONAL AIRPORT

SOUTH TERMINAL CONCOURSE H REHABILITATION - PHASE 1

CONTRACT NO. AA018B  
21 MIAD CIRCLE  
MIAMI, FLORIDA 33126



## MIAMI-DADE COUNTY

Daniella Levine Cava  
*Mayor*

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PROJECT:  
**MIA South Terminal Concourse H  
Rehabilitation - Phase 1**  
21 MIAD CIRCLE  
MIAMI, FLORIDA 33126

NO.	DATE	BY	DESCRIPTION
2	5/6/2022	CNZ	BLOG: DEPT. COMMENTS
1	3/8/2022	CNZ	BLOG: DEPT. COMMENTS

DATE: FEBRUARY 4, 2022  
SCALE: AS SHOWN  
DESIGN BY: E.M.Z.  
DRAWN BY: C.N.Z.  
REVIEWED BY: E.M.Z.  
PROJECT NO.: 18-0305.02  
DRAWING TITLE: COVER SHEET  
DRAWING NO.: G0.01  
SHEET NO.: 1 OF 42

**SOUTH TERMINAL CONCOURSE H REHABILITATION - PHASE 1**

CONTRACT NO. AA018B

**DRAWINGS**

DRAWING INFORMATION		ISSUE DATE / REVISIONS														
SHEET No.	DESCRIPTION	30% SUBMITTAL / APRIL 30, 2021	75% SUBMITTAL / JULY 9, 2021	100% SUBMITTAL / OCT. 11, 2021	BACK-CHECK / MAR. 28, 2022	PERMIT DRY RUN / FEB. 4, 2022	REV. 1 SUBMITTAL / MAR. 8, 2022	REV. 2 SUBMITTAL / MAY 6, 2022	BIDDING / NOV. 8, 2023	CONSTRUCTION						
<b>GENERAL</b>																
G0.01	COVER SHEET	■	■	■	■	■	■	■	■	■						
G0.02	INDEX AND PROJECT INFORMATION	■	■	■	■	■	■	■	■	■						
G0.03	GENERAL NOTES AND APPLICABLE CODES	■	■	■	■	■	■	■	■	■						
<b>PHASING</b>																
G1.01	PHASING PLAN, SECOND FLOOR - PHASE 1 & 2	■	■	■	■	■	■	■	■	■						
G1.02	PHASING PLAN, SECOND FLOOR - PHASE 3	■	■	■	■	■	■	■	■	■						
G1.03	PHASING PLAN, SECOND FLOOR - PHASE 4	■	■	■	■	■	■	■	■	■						
G1.04	PHASING PLAN, THIRD FLOOR - PHASE 1 & 2	■	■	■	■	■	■	■	■	■						
G1.05	PHASING PLAN, THIRD FLOOR - PHASE 3	■	■	■	■	■	■	■	■	■						
G1.06	PHASING PLAN, THIRD FLOOR - PHASE 4	■	■	■	■	■	■	■	■	■						
G1.07	SECTION / DEMISING WALL	■	■	■	■	■	■	■	■	■						
<b>DEMOLITION</b>																
D0.01	GENERAL DEMOLITION NOTES	■	■	■	■	■	■	■	■	■						
D1.01	DEMO PLAN, SECOND FLOOR - PHASE 1 & 2	■	■	■	■	■	■	■	■	■						
D1.02	DEMO PLAN, SECOND FLOOR - PHASE 3	■	■	■	■	■	■	■	■	■						
D1.03	DEMO PLAN, SECOND FLOOR - PHASE 4	■	■	■	■	■	■	■	■	■						
D1.04	DEMO PLAN, THIRD FLOOR - PHASE 1 & 2	■	■	■	■	■	■	■	■	■						
D1.05	DEMO PLAN, THIRD FLOOR - PHASE 3	■	■	■	■	■	■	■	■	■						
D1.06	DEMO PLAN, THIRD FLOOR - PHASE 4	■	■	■	■	■	■	■	■	■						
<b>ARCHITECTURAL</b>																
A-1	REFERENCED EXISTING LIFE SAFETY PLAN															
A-2	DEMOLITION PLAN	■	■	■	■	■	■	■	■	■						
A-3	FLOOR PLANS	■	■	■	■	■	■	■	■	■						
A-4	SECOND & THIRD FLOOR, PHASE 1 & 2	■	■	■	■	■	■	■	■	■						
A-5	SECOND & THIRD FLOOR, PHASE 3	■	■	■	■	■	■	■	■	■						
A-6	SECOND & THIRD FLOOR, PHASE 4	■	■	■	■	■	■	■	■	■						
A-7	ELEVATIONS	■	■	■	■	■	■	■	■	■						
A-8	SECTIONS	■	■	■	■	■	■	■	■	■						
<b>STRUCTURAL</b>																
S0.01	STRUCTURAL NOTES															
S1.01	FRAMING PLAN, SECOND FLOOR - PHASE 1 & 2	■	■	■	■	■	■	■	■	■						
S1.02	FRAMING PLAN, SECOND FLOOR - PHASE 3	■	■	■	■	■	■	■	■	■						
S1.03	FRAMING PLAN, SECOND FLOOR - PHASE 4	■	■	■	■	■	■	■	■	■						
S1.04	FRAMING PLAN, THIRD FLOOR - PHASE 1 & 2	■	■	■	■	■	■	■	■	■						
S1.05	FRAMING PLAN, THIRD FLOOR - PHASE 3	■	■	■	■	■	■	■	■	■						
S1.06	FRAMING PLAN, THIRD FLOOR - PHASE 4	■	■	■	■	■	■	■	■	■						
S1.07	SECTION AND DETAILS	■	■	■	■	■	■	■	■	■						
S1.08	EAST ELEVATION - PHASE 2 & 3	■	■	■	■	■	■	■	■	■						
S1.09	EAST ELEVATION - PHASE 4	■	■	■	■	■	■	■	■	■						
S1.10	WEST ELEVATION - PHASE 1	■	■	■	■	■	■	■	■	■						
S1.11	WEST ELEVATION	■	■	■	■	■	■	■	■	■						
<b>MAINTENANCE OF TRAFFIC</b>																
MOT1.00	MOT PLAN	■	■	■	■	■	■	■	■	■						
MOT1.01	MOT PLAN - PHASE 1 & 2	■	■	■	■	■	■	■	■	■						
MOT1.02	MOT PLAN - PHASE 3 & 4	■	■	■	■	■	■	■	■	■						
MOT1.03	MOT PLAN - TYPICAL DETAILS	■	■	■	■	■	■	■	■	■						
<b>LIFE SAFETY PLAN</b>																
A-6	REFERENCED LIFE SAFETY PLAN															

**1 DRAWING INDEX**  
SCALE: N.T.S

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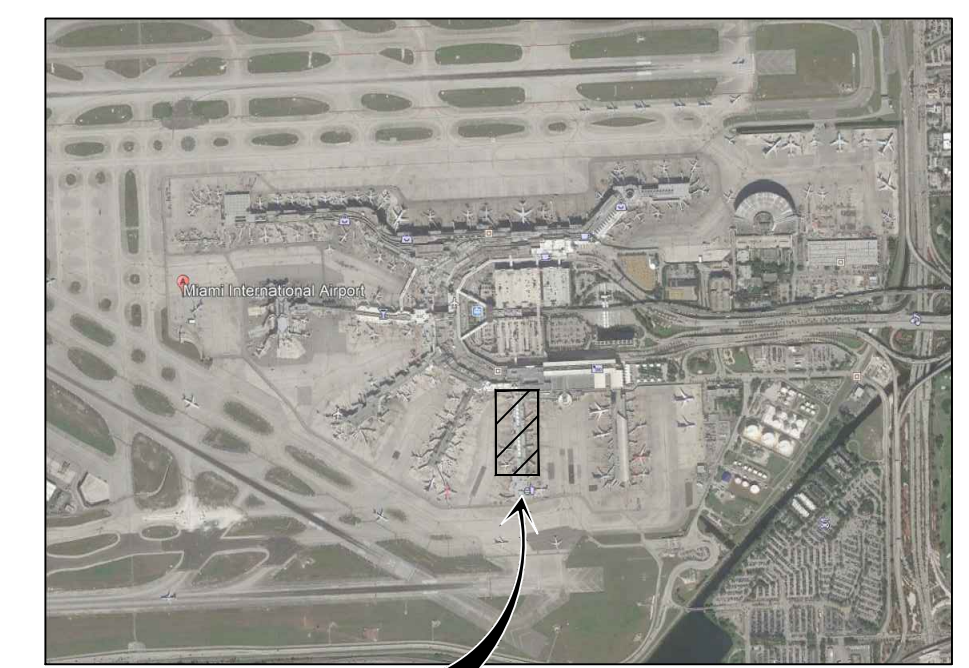
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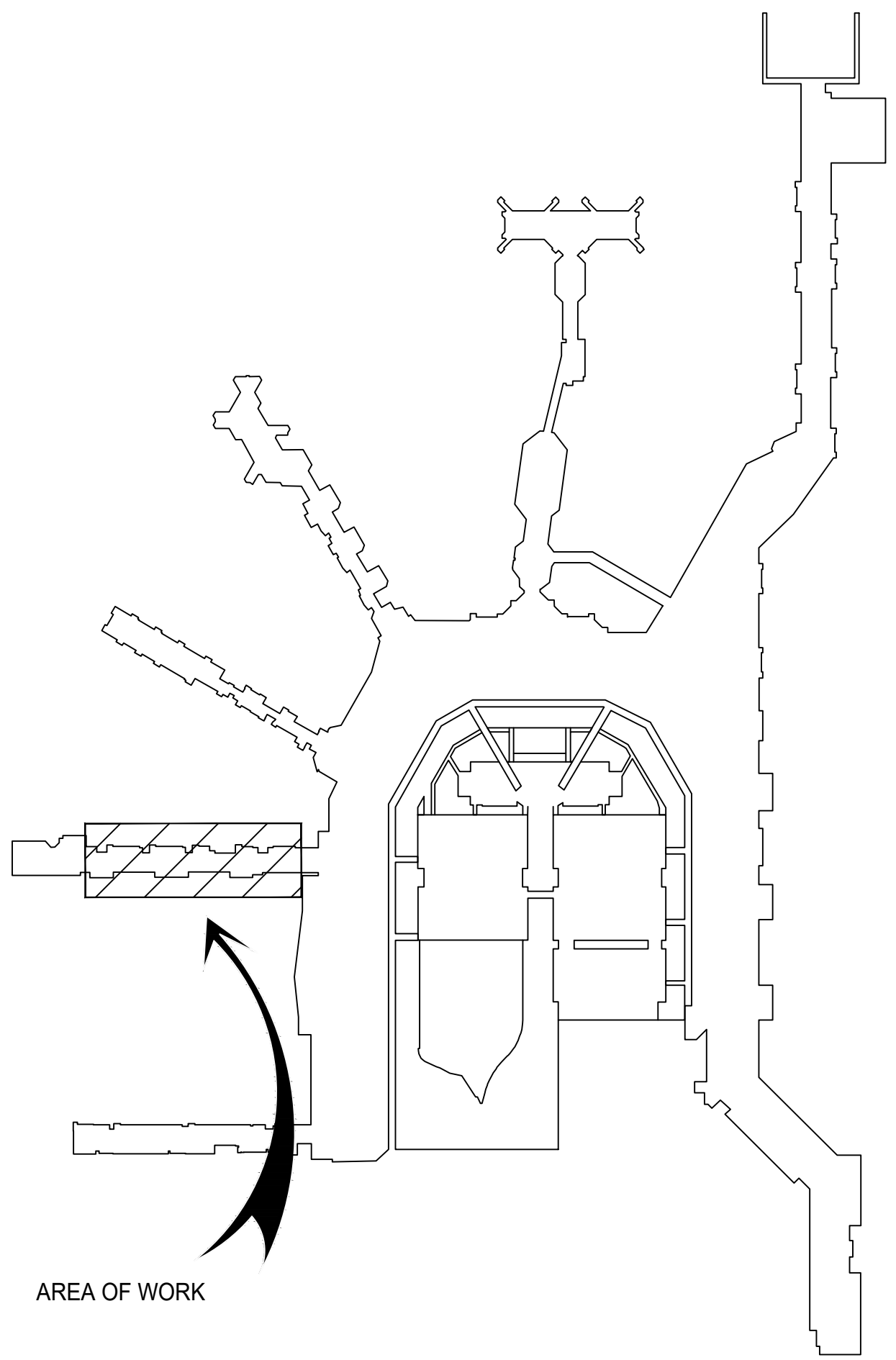
**2 DIRECTORY**  
SCALE: N.T.S

- REMOVE AND REPLACE THE FAILED WINDOW WALL STRUCTURES DOWN TO THE EXISTING STRUCTURE AND REPLACE WITH THE SAFITFIRST GPX ONE HOUR FIRE RATED WINDOW WALL SYSTEM (L.M.I.) OR APPROVED EQUAL. GATES H4, H6-H8, AND H10.
- REMOVE AND REPLACE THE FAILED WINDOW WALL DOWN TO THE EXISTING STRUCTURE AND REPLACE WITH FAOUR GLASS TECHNOLOGIES SERIES 'SLIMPACT XL' IMPACT RATED WINDOW WALL SYSTEM (L.M.I.) OR APPROVED EQUAL. GATE H3.
- REMOVE THE SEALANTS AROUND THE GLAZING SYSTEM AND REINSTALL NEW SEALANTS. IT SHOULD BE NOTED THAT SEALANT MAINTENANCE IS REQUIRED AT 5-YEAR INTERVALS IN ACCORDANCE WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE SECTION 2415 TO INSURE A WATERTIGHT ASSEMBLY.
- REPAIR PARTS OF THE METAL STRUCTURAL ELEMENTS THAT MAY HAVE CORRODED. STEEL ELEMENTS THAT HAVE LOST MORE THAN 10% OF ITS CROSS-SECTIONAL AREA WILL BE REINFORCED WITH ADDITION OF FLAT PLATES AND/OR ANGLES WELDED TO RESTORE THE STRUCTURAL INTEGRITY OF THE MEMBER. THE MEMBERS TO BE REPAIRED SHALL BE WIRE BRUSHED TO REMOVE SURFACE RUST AND FLAKING MATERIAL AND PAINTED WITH A RUST INHIBITIVE PRIMER.
- CONSTRUCTION SHALL CONFORM TO THE 1998 LIFE SAFETY MASTER PLAN FOR THE TERMINAL COMPLEX. EXISTING PORTIONS OF BUILDINGS SHALL COMPLY WITH THE PROVISIONS OF EXISTING OCCUPANCIES AS SET FORTH IN THE FLORIDA FIRE PREVENTION CODE.
- GLAZING IN WINDOWS SHALL BE CATEGORY II SAFETY GLAZING - FBC 2406.4.3, WHEN EXPOSED GLAZED AREA IS LARGER THAN 36" A.F.F., WHEN THERE IS A WALKING SURFACE WITHIN 36" HORIZONTALLY OF GLAZING.
- FOR IMPAIRMENT OF SYSTEMS REFER TO NFPA 72:142.2.2; NFPA 13:26.1; NFPA 1:13.3.4; NFPA 25:CH 15.

**3 SCOPE OF WORK**  
SCALE: N.T.S



**5 AERIAL MAP**  
SCALE: N.T.S



**6 SITE PLAN**  
SCALE: N.T.S



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PROJECT: **MIA South Terminal Concourse H Rehabilitation - Phase 1**  
21 MIAD CIRCLE  
MIAMI, FLORIDA 33126

NO.		DATE	BY	DESCRIPTION
2	5/6/2022	CNZ		BLOG. DEPT. COMMENTS
1	3/8/2022	CNZ		BLOG. DEPT. COMMENTS

DATE: **FEBRUARY 4, 2022**  
SCALE: **AS SHOWN**  
DESIGN BY: **E.M.Z.**  
DRAWN BY: **C.N.Z.**  
REVIEWED BY: **E.M.Z.**  
PROJECT NO.: **18-0305.02**  
DRAWING TITLE: **INDEX & PROJECT INFORMATION**  
DRAWING NO.: **G0.02**  
SHEET NO.: **2** OF **42**

1. THE CONTRACT DOCUMENTS INCLUDE:  
 A. GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION  
 B. CONSTRUCTION DRAWINGS  
 C. ADDENDA  
 D. MODIFICATIONS

2. DEFINITIONS:  
 A. ACCEPTED: AS ACCEPTED BY THE DESIGN PROFESSIONAL.  
 B. ACCEPTED EQUAL: AS ACCEPTED BY THE DESIGN PROFESSIONAL AS BEING OF EQUIVALENT QUALITY, UTILITY, AND PERFORMANCE.  
 C. AS APPLICABLE: AS APPROPRIATE FOR THE PARTICULAR CONDITION CIRCUMSTANCE, OR SITUATION.  
 D. AS REQUIRED: AS REQUIRED BY REGULATORY REQUIREMENTS, BY REFERENCED STANDARDS, BY EXISTING CONDITIONS, BY GENERALLY ACCEPTED CONSTRUCTION PRACTICE, OR BY THE CONTRACT DOCUMENTS.  
 E. DESIGN PROFESSIONAL: ENGINEER OF RECORD (E.O.R.) AND ARCHITECT OF RECORD (A.O.R.)  
 F. DIRECTED: AS INSTRUCTED BY THE DESIGN PROFESSIONAL IN WRITING.  
 G. SATISFACTORY: TO THE SATISFACTION OF THE DESIGN PROFESSIONAL, SUBJECT TO THE DESIGN PROFESSIONAL'S ACCEPTANCE.  
 H. TYPICAL: IDENTICAL FOR ALL SUCH CONDITIONS, UNLESS OTHERWISE INDICATED.  
 I. SIMILAR: COMPARABLE CHARACTERISTICS FOR THE CONDITION NOTED. DIFFERENCES CAN BE INFERRED FROM OTHER INFORMATION INDICATED. VERIFY DIMENSIONS AND ORIENTATIONS.  
 J. FURNISH: SUPPLY ONLY AND OTHERS WILL INSTALL.  
 K. INSTALL: INSTALL ITEMS FURNISHED BY OTHERS.  
 L. PROVIDE: FURNISH AND INSTALL.

3. ALL WORK TO BE PERFORMED SHALL COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (F.B.C.) 7TH EDITION (2020) AND MIAMI DADE COUNTY ZONING ORDINANCES REGULATIONS AND ANY AGENCY HAVING JURISDICTION ON THIS PROJECT.

4. MATERIALS AND / OR CONSTRUCTION SYSTEMS USED AS PART OF OR FOR THE PROTECTION OF THE ENVELOPE OF THE STRUCTURE, INCLUDING BUT NOT LIMITED TO WINDOWS, EXTERIOR GLAZING, WALL CLADDING, ROOFING, EXTERIOR DOORS, SKYLIGHTS, GLASS BLOCK, SIDING, AND SHUTTERS MUST HAVE PRODUCT CONTROL ACCEPTANCE NUMBERS IN COMPLIANCE WITH THE REQUIREMENTS OF MIAMI DADE COUNTY BUILDING CODE COMPLIANCE DEPARTMENT.

5. THE WORK SHALL INCLUDE THE FURNISHING OF ALL LABOR, MATERIALS, EQUIPMENT, TRANSPORTATION AND SERVICES NECESSARY TO DO A COMPLETE AND THOROUGH JOB. ALL WORK SHALL BE DONE IN ACCORDANCE TO THE DRAWINGS.

6. WORK NOT INCLUDED IN CONTRACT: WORK NOTED "N.I.C." OR BY OTHERS ON THE DRAWINGS OR SPECIFICATIONS, IF ANY MATERIALS, EQUIPMENT OR BOTH, INDICATED "N.I.C." ARE TO BE INSTALLED BY THE CONTRACTOR, THEY WILL BE SO NOTED ON THE DRAWINGS OR SPECIFICATIONS.

7. ALL OMISSIONS OR CONFLICTS BETWEEN THE VARIOUS ELEMENTS OF THE WORKING DRAWINGS, SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH ANY WORK SO INVOLVED. ANY WORK INSTALLED IN CONFLICT WITH THE DRAWINGS SHALL BE CORRECTED BY THE CONTRACTOR AT HIS/HER OWN EXPENSE, AND NOT AT EXPENSE OF THE OWNER OR ENGINEER.

8. CONTRACTOR SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS OF THE DESIGN PROFESSIONAL SHOULD BE NOTIFIED BEFORE PROCEEDING WITH THE WORK OF ANY DISCREPANCIES IN THE CONTRACT DOCUMENTS AND CONDITIONS ON THESE DRAWINGS AND / OR ALL OBVIOUS ERRORS AND OMISSIONS.

9. CONTRACTOR SHALL PROMPTLY NOTIFY THE DESIGN PROFESSIONAL OF THE EXISTENCE OF ANY OBSERVED VARIATIONS BETWEEN THE CONTRACT DOCUMENTS AND ANY APPLICABLE CODE OR ORDINANCES.

10. FACILITIES SHALL COMPLY WITH THE FLORIDA ACCESSIBILITY CODE FOR BUILDING CONSTRUCTION AND THE AMERICAN WITH DISABILITIES ACT, PUBLIC LAW 101-336 (A.D.A.) WHICHEVER MORE STRINGENT.

11. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND TOPOGRAPHIC SPOT ELEVATIONS AND NOTIFY THE ENGINEER OF ANY EXISTING DISCREPANCIES PRIOR TO PROCEEDING WITH THE WORK.

12. CONTRACTOR ACKNOWLEDGES THAT HE HAS FULLY INFORMED HIMSELF / HERSELF. REGARDING REQUIREMENTS OF DRAWINGS, SPECIFICATIONS AND REGULATIONS PERTAINING TO THE PROJECT. SPECIFICATIONS AND DRAWINGS ARE COMPLEMENTARY, AND WHAT IS CALLED FOR BY ONE IS AS BINDING AS IF CALLED FOR BY THE OTHER. VISIT SITE TO COMPARE REQUIREMENTS OF DRAWINGS AND SPECIFICATIONS AND BECOME FAMILIAR WITH EXISTING CONDITIONS UNDER WHICH WORK OF CONTRACT IS TO BE PERFORMED INCLUDING TOPOGRAPHY, APPROACHES AND IMPROVEMENTS ON OR ABOUT SITE. PROTECTION OF ADJACENT BUILDINGS AND PROPERTY.

13. EXERCISE ALL REQUIRED PRECAUTIONS NECESSARY TO PROTECT ALL BUILDINGS AND OTHER CONSTRUCTIONS ON PROPERTY ADJACENT TO THAT OF THE WORK OF THIS CONTRACT. CONTRACTOR SHALL BE RESPONSIBLE FOR, AND PAY FOR ALL DAMAGES TO SUCH ADJACENT BUILDINGS AND CONSTRUCTION ON ACCOUNT OF OPERATIONS UNDER THE CONTRACT.

14. THE DESIGN PROFESSIONAL SHALL NOT HAVE CONTROL OR CHARGE OF, AND SHALL NOT BE RESPONSIBLE FOR THE MEANS, METHODS, TECHNIQUES, SEQUENCES OR PROCEDURES OF CONSTRUCTION, FABRICATION, PROCUREMENT, SHIPMENT, DELIVERY OR INSTALLATION OR FOR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION TO THE WORK FOR THE ACTS OR OMISSIONS OF THE CONTRACTOR, SUBCONTRACTORS, SUPPLIERS, OR ANY OTHER PERSONS PERFORMING ANY OF THE WORK OR FOR THE FAILURE OF ANY OF THEM TO CARRY OUT THE WORK OR TO MEET THEIR SCHEDULES FOR DELIVERY OR COMPLETION IN ACCORDANCE TO THE CONTRACT DOCUMENTS.

15. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS, IF ANY DISCREPANCIES ARISE, THE DESIGN PROFESSIONAL IS TO BE NOTIFIED PRIOR TO THE COMMENCEMENT OF WORK FOR CLARIFICATION. ALL DIMENSIONS INDICATED ON THE PLANS ARE AS FOLLOWS:  
 A. DIMENSIONS NOTED "CLEAR" OR "CLR" MUST BE PRECISELY MAINTAINED. THOSE NOTED "HOLD" SHALL NOT VARY FROM STATED DIMENSION.  
 B. DIMENSIONS ARE NOT ADJUSTABLE WITHOUT ACCEPTANCE BY THE ENGINEER, UNLESS NOTED.  
 C. DIMENSIONS TO THE EXTERIOR WINDOW WALL ARE TO THE INSIDE FACE OF THE EXTERIOR WINDOW FRAMES, UNLESS OTHERWISE NOTED.

D. VERTICAL DIMENSIONS ARE FROM THE TOP OF THE FLOOR SLAB DATUM LINE, ESTABLISHED BY THE CONTRACTOR SUBJECT TO THE ACCEPTANCE OF THE OWNER OR DESIGN PROFESSIONAL, UNLESS OTHERWISE NOTED.  
 E. DO NOT SCALE DRAWINGS. IF ITEMS OF THE WORK CANNOT BE LOCATED, DO NOT PROCEED WITH THE WORK WITHOUT THE CONSENT OF THE DESIGN PROFESSIONAL.  
 F. DIMENSIONS MARKED V.I.F. SHALL BE "VERIFIED" IN FIELD BY THE CONTRACTOR.

17. CONTRACTOR AND ALL SUBCONTRACTORS ARE TO HOLD HARMLESS THE DESIGN PROFESSIONAL AND OWNER OF ALL LAWSUITS AND CLAIMS WHICH ARISE FROM WORK PERFORMED BY OR MATERIALS SUPPLIED BY THE CONTRACTORS AND THE SUBCONTRACTORS.

18. PROVIDE A PROJECT SECURITY PROGRAM TO PROTECT WORK, MATERIALS AND EQUIPMENT FROM THEFT AND VANDALISM. CONTRACTOR IS RESPONSIBLE FOR REPLACING ANY STOLEN OR VANDALIZED WORK MATERIAL AND EQUIPMENT AT NO ADDITIONAL COST TO OWNER UNTIL COMPLETED PROJECT IS ACCEPTED BY OWNER.

19. CONTRACTOR SHALL VERIFY THAT NO CONFLICTS EXIST IN LOCATIONS OF ANY AND ALL MECHANICAL, TELEPHONE, ELECTRICAL, LIGHTING AND PLUMBING (TO INCLUDE ALL PIPING, DUCTWORK AND CONDUITS) AND THAT REQUIRED CLEARANCES FOR INSTALLATION AND MAINTENANCE OF ABOVE MENTIONED EQUIPMENT ARE PROVIDED.

20. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL UNDERGROUND UTILITIES AND / OR STRUCTURES SHOWN AND ANY OTHER UTILITIES OR STRUCTURES NOT OF RECORD OR SHOWN ON THESE PLANS.

21. ALL LABOR INSTALLATION SHALL BE PERFORMED IN THE BEST POSSIBLE MANNER BY SKILLED AND EXPERIENCED WORKMAN TRAINED IN THEIR RESPECTIVE TRADES.

22. THE DESIGN PROFESSIONAL RESERVES THE RIGHT TO REJECT MATERIALS AND WORK QUALITY WHICH ARE NOT CONSIDERED TO BE UP TO THE SPECIFIED STANDARDS OF THE VARIOUS TRADES INVOLVED. SUCH INFERIOR MATERIAL OR WORK QUALITY SHALL BE REPAIRED OR REPLACED, AS DIRECTED, AT NO ADDITIONAL COST TO THE OWNER.

23. ALL FINISH MATERIAL SHALL BE PROTECTED AT ALL TIMES AGAINST SUBSEQUENT DAMAGE UNTIL FINAL ACCEPTANCE BY THE OWNER.

24. THE ABSENCE OF A DETAIL DESCRIBING A PARTICULAR METHOD OF CONSTRUCTION SHALL IMPLY, THE CONTRACTOR SHALL CONSTRUCT SAID DETAILS IN COMPLIANCE WITH INDUSTRY STANDARDS FOR THE TYPE OF CONSTRUCTION OF THE BUILDING.

25. DRAWINGS INDICATE GENERAL DETAILS OF CONSTRUCTION. WHERE FIELD CONDITIONS ARE NOT IDENTICAL TO THE CONTRACT DOCUMENTS, BUT ARE OF SIMILAR CHARACTER TO THE DETAILS SHOWN, SIMILAR DETAILS OF CONSTRUCTION SHALL BE USED, SUBJECT TO REVIEW AND APPROVAL BY DESIGN PROFESSIONAL PRIOR TO CONSTRUCTION. WHERE CONSTRUCTION DETAILS ARE SHOWN FOR SPECIFIC LOCATIONS, THEY SHALL ALSO APPLY TO SIMILAR CONDITIONS THROUGHOUT, WHETHER SPECIFICALLY MENTIONED IN THE DRAWINGS OR NOT.

26. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY BLOCKING, BACKING, FRAMING, HANGERS, OR OTHER SUPPORT, FOR ALL BUILDING EQUIPMENT AND ACCESSORIES SHOWN ON PLANS, REGARDLESS OF WHOM SUPPLIES SAID EQUIPMENT OR ACCESSORY, UNLESS OTHERWISE NOTED.

27. EVERY EXIT DOOR SHALL BE ABLE TO OPEN FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY OTHER SPECIAL KNOWLEDGE OR EFFORT. SPECIAL LOCKING DEVICES SHALL BE OF AN APPROVED TYPE.

28. ALL TRADES SHALL AT ALL TIMES, KEEP THE PREMISES FREE FROM ACCUMULATION OF WASTE MATERIAL OR RUBBISH CAUSED BY THEIR WORK, PROVIDE CLEAN-UP AND DISPOSE OF ALL DEBRIS, FOR A NEAT AND CLEAN JOB SITE CONDITION THROUGHOUT THE ENTIRE CONSTRUCTION PROCESS. AT THE COMPLETION OF THE WORK, LEAVE THE PAVEMENT AREA IN A BROOM CLEAN CONDITION WITH NO STAINS. ROLL OFF CONTAINERS MUST BE USED.

29. PREFABRICATED CONSTRUCTION ELEMENTS AND STRUCTURES SHALL BE MADE BY SHOPS WHICH HAVE CURRENT (CEO, UL, ETC.) CERTIFICATION AS APPROVED FABRICATORS FOR SUCH UNITS OR ELEMENTS. THE RESPONSIBLE DESIGN ENGINEER SHALL PROVIDE (A SHOP STAMP) AND APPROVE OF THE DESIGN, PLANS, CONSTRUCTION DETAILS AND SPECIFICATIONS FOR ALL PREFABRICATED FRAMING MEMBERS AND SHALL SUBMIT SAME TO THE CORRESPONDING BUILDING AND PLANNING DEPARTMENT AND RECEIVE APPROVAL THEREFROM PRIOR TO THE ERECTION OF THE MEMBERS.

30. THE CONTRACTOR IS TO PROVIDE SECURITY BARRIERS AND OTHER APPLICABLE DEVICES AS REQUIRED BY THE CONTRACT DOCUMENTS AND / OR LOCAL AND STATE CODE AND REGULATIONS. PLACEMENT OF SAFETY DEVICES IS TO TAKE PLACE IN A MANNER SO AS NOT TO DISRUPT THE FACILITY OPERATIONS.

31. REMOVED EQUIPMENT AND MATERIALS NOT BEING REUSED OR RETURNED TO OWNER SHALL BE REMOVED FROM THE SITE AND LEGALLY DISPOSED OF BY THE CONTRACTOR.

32. THE CONTRACTOR SHALL BE IN CHARGE OF THIS CONTRACT WITHIN THE LIMITS OF THE SITE, AND SHALL DIRECT AND SCHEDULE THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PERFORMANCE, CODE COMPLIANCE, INTERFACE, AND COMPLETION OF THE WORK AND THE PROJECT SHALL BE THE CONTRACTOR'S.

33. PERFORM CUTTING AND PATCHING AS REQUIRED TO CONSTRUCT AND COMPLETE WORK OF THIS PROJECT. CUTTING OF STRUCTURAL MEMBERS REQUIRES PRIOR APPROVAL OF THE STRUCTURAL ENGINEER.

34. WHEREVER THE ABBREVIATION OR ACRONYM IS SPECIFIED, IT SHALL BE UNDERSTOOD TO MEAN THE FULL NAME OF THE RESPECTIVE ORGANIZATION, AS FOLLOWS:  
 AIA: AMERICAN INSTITUTE OF ARCHITECTS  
 ANS: AMERICAN NATIONAL STANDARDS INSTITUTE  
 ASTM: AMERICAN SOCIETY FOR TESTING & MATERIALS  
 AWI: ARCHITECTURAL WOODWORK INSTITUTE  
 ICC: INTERNATIONAL CODE CONFERENCE  
 IBC: INTERNATIONAL BUILDING CODE  
 IMC: INTERNATIONAL MECHANICAL CODE  
 IPC: INTERNATIONAL PLUMBING CODE  
 NECA: NATIONAL ELECTRICAL CODE  
 NFPA: NATIONAL FIRE PROTECTION AGENCY

35. ITEMS OF EQUIPMENT, FIXTURES, AND MATERIALS NOT SPECIFICALLY IDENTIFIED HEREIN, BUT NECESSARY FOR COMPLETION OF THE WORK, SHALL BE PROVIDED AS INDICATED ON THE DRAWINGS. SUCH ITEMS SHALL BE OF TYPE AND QUALITY SUITABLE FOR THE SERVICE REQUIRED AND COMPARABLE TO ADJACENT OR SIMILAR ITEMS IN THE BUILDING.

36. WHERE SIZE, CAPACITY, MODEL, STYLE, OR OTHER PERTINENT INFORMATION IS NOT INDICATED ON THE DRAWINGS, FURNISH EQUIPMENT, FIXTURES, OR MATERIALS OF SIZE, QUALITY, AND UTILITY WHICH WILL ADEQUATELY SERVICE THE VARIOUS BUILDING FACILITIES AS REQUIRED. WHERE THESE ARE VISIBLE IN THE FINAL WORK, OBTAIN ENGINEER'S APPROVAL BEFORE PROCEEDING.

37. ALL CONSTRUCTION EQUIPMENT SHALL BE MAINTAINED AND OPERATED ACCORDING TO MANUFACTURER MAINTENANCE SCHEDULES AND RECOMMENDATIONS. MINIMIZE NOISE AND EXHAUST EMISSIONS (PARTICULARLY CARBON MONOXIDE AND NITROGEN OXIDES).

38. CONTRACTOR SHALL VERIFY ALL ROUGH OPENINGS FOR WINDOWS AND DOORS PRIOR TO ORDERING PRODUCTS TO ENSURE PROPER SIZE AND FIT.

39. REFER TO INDIVIDUAL DRAWING SHEETS FOR ADDITIONAL NOTES.

40. CONTRACTOR TO FOLLOW MDAD QUALITY ASSURANCE MANUAL.

41. PATCH, REPAIR, FINISH ALL AREAS DAMAGED DURING CONSTRUCTION TO A MATCHING FINISHED APPEARANCE.

42. FIELD VERIFY AREA OF WORK, DIMENSIONS, PRIOR TO SUBMITTING BID.

43. CONTRACTOR TO PROVIDE PROTECTION TO EXISTING EQUIPMENT/FURNITURE, DOORS, FINISHES, ETC. AS NECESSARY.

44. THE CONTRACTOR SHALL VISIT THE SITE AND VERIFY ALL EXISTING BUILDING AND SITE CONDITIONS PRIOR TO SUBMITTING HIS PROPOSAL FOR THE WORK. SHOULD ANY APPARENT ERRORS, OMISSIONS OR DISCREPANCIES BE ENCOUNTERED, THE ARCHITECT / ENGINEER SHOULD BE NOTIFIED IN WRITING 7 DAYS PRIOR TO SUBMITTING HIS BID.

45. THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS FOR THE CONSTRUCTION AND OCCUPANCY OF THE PROJECT.

46. THE CONTRACTOR SHALL PROVIDE ALL THE SUPPLEMENTARY MATERIALS REQUIRED TO PROPERLY INSTALL, SUPPORT, BRACE AND ANCHOR BUILDING COMPONENTS WITHIN THE SCOPE OF THE PROJECT.

47. THE CONTRACTOR SHALL REPAIR AND PAINT EXISTING SURFACES DAMAGED BY DEMOLITION COVERED WITHIN THE CONTRACT DOCUMENTS TO MATCH EXISTING.

48. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT / ENGINEER IMMEDIATELY IF ANY DISCREPANCIES ARE ENCOUNTERED BETWEEN THE DRAWINGS AND THE FIELD CONDITIONS. ANY DISCREPANCIES SHALL BE RESOLVED BY ARCHITECT / ENGINEER PRIOR TO PROCEEDING WITH THE WORK.

49. PRIOR TO COMMENCING WORK, THE CONTRACTOR SHALL VERIFY LOCATION OF ALL EQUIPMENT AND UTILITIES TO BE REMOVED. REMOVALS SHALL BE COORDINATED WITH THE OWNER AND ARCHITECT / ENGINEER.

50. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF HIS OR HER WORK, INCLUDING, BUT NOT LIMITED TO FROM VANDALISM, THEFT, THE WEATHER, ETC. ADDITIONALLY, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE OWNER'S PROPERTY, INCLUDING, BUT NOT LIMITED TO ANY DAMAGE, VANDALISM, THEFT, OR THE WEATHER.

51. THE CONSTRUCTION SHALL INCLUDE THE FURNISHING OF ALL MATERIALS, INCLUDING TEMPORARY AND PERMANENT CONNECTIONS, CUTTING, PATCHING, PAINTING, REPAIRING, ADAPTING, AND OTHER WORK INCIDENTAL TO FINISHED RESULTS DELINEATED IN THE DRAWINGS AND SPECIFIED IN THE PROJECT MANUAL. ANY WORK, MATERIALS OR PRODUCTS NOT SHOWN ON THE DRAWING OR SPECIFICALLY MENTIONED IN THE SPECIFICATIONS BUT CONSIDERED NECESSARY FOR THE COMPLETION OF THE WORK IN A PROPER MANNER SHALL BE PROVIDED BY THE CONTRACTOR WITHOUT ADDITIONAL CHARGE.

52. WHERE EXISTING CONSTRUCTION IS DAMAGED IN THE EXECUTION OF THIS CONTRACT, OR WHERE OPENINGS ARE LEFT DUE TO THE REMOVAL OF PIPES, EQUIPMENT OR APPARATUS, THE OPENINGS SHALL BE REPAIRED OR CLOSED UP TO CORRESPOND IN MATERIAL, QUALITY, SHAPE AND FINISH WITH THAT OF SIMILAR AND ADJOINING WORK, UNLESS OTHERWISE CALLED FOR. WHERE DAMAGE IS NOT REPAIRABLE, NEW ITEMS OR EQUIPMENT SHALL BE PROVIDED.

53. THE CONTRACTOR SHALL COORDINATE AND SCHEDULE THE WORK OF ALL TRADES TO INSURE THE WORK IS COMPLETED IN A TIMELY MANNER, COMPLYING WITH THE OWNER / CONTRACTOR AGREEMENT.

54. THE CONTRACTOR SHALL REPLACE DAMAGED, SOILED OR STAINED CEILING TILES THAT ARE AFFECTED DUE TO CONSTRUCTION TO MATCH EXISTING.

55. THE CONTRACTOR SHALL PATCH AND REPAINT EXISTING WALL AND HARD CEILING FINISHES WHICH BECOME DISTURBED, DAMAGED OR SOILED BY DEMOLITION OR CONSTRUCTION ACTIVITIES, AND WHERE REPAINTING, THE ENTIRE AFFECTED WALL OR CEILING PLANE SHALL BE REPAINTED - SPOT REPAINTING IS NOT ACCEPTABLE.

56. CLEANING: REMOVE RUBBISH AND DEBRIS DAILY. LEAVE JOB CLEAN UPON COMPLETION OF WORK, INCLUDING CLEANING HARDWARE, FIXTURES AND GLASS, AND REMOVING OF STAINS, DUST AND DIRT. POLISH ALL FINISHED FLOORS.

57. GLAZING SPARE PARTS: SYSTEM SHALL BE WARRANTED FOR A PERIOD OF 2 YEARS. ALL REPLACEMENT PARTS SHALL BE AVAILABLE INDIVIDUALLY WITHOUT THE NEED FOR PURCHASING THE ENTIRE ASSEMBLY. PROVIDE LOG SPARE PARTS (ENTIRE ASSEMBLY) AS PART OF THE CONTRACT DOCUMENTS FOR GLAZING FIXTURES.

58. COMMUNICATION - ALL COMMUNICATION ON THIS PROJECT SHALL TAKE PLACE THROUGH THE RESIDENT PROJECT REPRESENTATIVE (RPR) APPOINTED BY MDAD.

59. CONSTRUCTION AREA LIMITS - ALL CONTRACTOR VEHICLES AND TRAFFIC SHALL REMAIN WITHIN THE LIMITS OF CONSTRUCTION AREAS, STAGING AREAS OR HAUL ROUTES AS SHOWN ON THE PLANS.

60. EXISTING UTILITIES - THERE ARE A NUMBER OF AIRPORT, PUBLIC UTILITIES AND FAA LIGHTING, COMMUNICATIONS, UNDERGROUND CABLES AND PIPES TRAVERSING THE EXISTING SITE. THESE DRAWINGS SHOW EXISTING CONDITIONS BASED ON MDAD PROVIDED AS-BUILT DRAWINGS, WHICH IS THE MOST RELIABLE AND BEST AVAILABLE SOURCE, THIS INFORMATION IS NOT GUARANTEED AND IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL HORIZONTAL AND VERTICAL UTILITY INFORMATION AND DETERMINE THE EXACT LOCATION PRIOR TO CONSTRUCTION.

61. FOR UTILITIES INFORMATION  
 MDAD UTILITIES COORDINATOR  
 JONATHAN SPICER (305) 876-7341  
 SUNSHINE STATE ONE-CALL OF FLORIDA (800) 432-4770  
 FEL ROBERT GARDNER (305) 345-3229  
 ROBERT SULLIVAN (305) 345-2145  
 EAA JOSE HERNANDEZ (305) 869-5349  
 BLACK BOX COMMUNICATION (305) 876-8416 / (305) 876-8406  
 AT&T STEVE LOW (305) 844-9321  
 MDAD IRRIGATION FRANK CONTRERAS (305) 869-7341 / (305) 369-7746

THE CONTRACTOR SHALL REPAIR AND UTILITY DAMAGED, CAUSED BY HIS ACTIONS, WITH NO ADDITIONAL COMPENSATION.

UTILITY CLEARANCE ACTIVITIES PERFORMED BY THE CONTRACTOR SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT WITH NO ADDITIONAL COMPENSATION.

62. NIGHT CONSTRUCTION - CONTRACTOR SHALL PROVIDE AN ADEQUATE NUMBER OF PORTABLE FLOOD LIGHT UNITS WITH GENERATORS TO ILLUMINATE WORK AREAS AT NIGHT.

63. COORDINATION - CLOSE COORDINATION OF ALL WORK WILL BE ADDRESSED DAILY WITH THE RPR TO INSURE ALL PARTIES CAN COOPERATIVELY ACCOMPLISH THEIR WORK AS CONTRACTED.

64. MONITORING WELLS - IF ANY MONITORING WELLS ARE ENCOUNTERED DURING CONSTRUCTION ACTIVITIES THAT WERE NOT PREVIOUSLY IDENTIFIED IN THE ORIGINAL CONSTRUCTION PLANS FOR THIS FACILITY, PLEASE INFORM RPR WHO WILL COORDINATE WITH MDAD ENVIRONMENTAL ENGINEERING TO DETERMINE WHAT STEPS WILL NEED TO BE FOLLOWED.

65. THE CONSTRUCTION DOCUMENTS ARE CERTIFIED TO BE COMPLIANT WITH REQUIREMENTS FOR ADA ACCESSIBILITY GUIDELINES (ADAAG) AND UNIFORM ACCESSIBILITY STANDARDS (UFAS), WHERE APPLICABLE.

NOTE: PRODUCTS OR MATERIALS SPECIFIED OR INDICATED ARE TO PROVIDE THE QUALITY AND PERFORMANCE REQUIREMENTS FOR THE PROJECT. APPROVED EQUALS MAY BE ACCEPTED.

THE CURTAIN WALL SYSTEM FOR THE BUILDING HAS BEEN DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE, 7TH EDITION (2020). THE FOLLOWING SUPERIMPOSED LOADING HAS BEEN UTILIZED:  
 WIND LOAD: 186 MPH AS PER ASCE 7-16  
 EXPOSURE C  
 CATEGORY III  
 WIND DIRECTIONALITY FACTOR Kd=0.85 USED FOR WINDOWS  
 ELASTIC (ASD) WIND PRESSURES ON THE STRUCTURE ARE:  
 (LOAD CONVERSION FROM ULT TO ELASTIC IS 0.6)  
 - FLORIDA BUILDING CODE, BUILDING  
 - FLORIDA BUILDING CODE, EXISTING BUILDING  
 - LIFE SAFETY CODE, NFPA 101  
 - NFPA, (ALL APPLICABLE CHAPTERS), REFER TO NFPA 101:4.6.10. CONSTRUCTION, REPAIR, AND IMPROVEMENT OPERATIONS. NFPA 1:CH 16: SAFEGUARDING CONSTRUCTION, ALTERATIONS AND DEMOLITION OPERATIONS. REFER TO NFPA 415 STANDARD ON AIRPORT TERMINAL BUILDINGS.  
 - ICC / ANSI A117.1  
 - NATIONAL ELECTRICAL CODE  
 - FLORIDA FIRE PREVENTION CODE, 7TH EDITION  
 - LOCAL ORDINANCES: AS REQUIRED BY LOCAL AUTHORITIES  
 - THESE PLANS COMPLY WITH THE PROVISION OF TITLE III OF THE "AMERICANS WITH DISABILITIES ACT" (ADA)

2. APPLICABLE CODES  
 N.T.S.

1. CURTAIN WALL MATERIALS REMOVED FROM THE SITE MUST BE SENT TO AN AUTHORIZED FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION (FDEP) HAULER/RECYCLER FOR PROPER DISPOSAL.

2. ALL HAZARDOUS AND NON-HAZARDOUS WASTE LIKE PAINTS, CONSTRUCTION MATERIALS, ETC. MUST BE REMOVED FROM THE SITE AND DISPOSED OF PROPERLY UPON THE COMPLETION OF THE PROJECT AND ON A DAILY BASIS.

3. WASTE MATERIAL NOTES  
 N.T.S.

1. SHOP DRAWING REVIEW IS ONLY FOR GENERAL CONFORMANCE WITH DESIGN CONCEPT AND INTENT OF CONTRACT DOCUMENTS. CONTRACTOR IS SOLELY RESPONSIBLE FOR VERIFYING DIMENSIONS FOR ESTABLISHING FABRICATION PROCESSES, MEANS, TECHNIQUES, SEQUENCES AND PROCEDURES OF CONSTRUCTION, AND FOR COORDINATION OF WORK OF ALL TRADES. EXCEPTIONS TAKEN AND NOTED TO INFORMATION SHOWN DOES NOT AUTHORIZE WORK RESULTING IN CONTRACT COST REVISIONS UNLESS SO STATED IN SEPARATE LETTER OR CHANGE ORDER.

2. SHOP DRAWINGS WILL NOT BE REVIEWED BY THE DESIGN PROFESSIONAL UNLESS THE DRAWINGS HAVE BEEN PREVIOUSLY REVIEWED BY THE CONTRACTOR AND STAMPED APPROVED.

3. GENERAL CONTRACTOR SHALL PROVIDE THE DESIGN PROFESSIONAL A SEPIA FOR CORRECTIONS OF SHOP DRAWINGS THAT ARE COMPLICATED AND REQUIRE AMPLE TIME FOR REVIEW.

4. GENERAL CONTRACTOR SHALL ALLOW THE DESIGN PROFESSIONAL A MINIMUM OF 2 WEEKS FOR SHOP DRAWING REVIEW FOR EACH SHOP DRAWING. MULTIPLE SUBMITTAL WILL NOT BE ACCEPTED FOR REVIEW AT THE SAME TIME. IF THE CONTRACTOR SUBMITS MULTIPLE SHOP DRAWINGS, THE DESIGN PROFESSIONAL RESERVES THE RIGHT TO ALLOW AMPLE TIME FOR REVIEW, AND IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO SUBMIT A CONSTRUCTION SCHEDULE TO INFORM THE DESIGN PROFESSIONAL WHICH SHOP DRAWINGS HAVE PRECEDENCE.

5. SUBMIT SHOP DRAWINGS FOR THE FOLLOWING ITEMS: MISC. STEEL, GLAZING TRIMS, PAINT, CURTAIN WALL.

1. GENERAL - THE CONTRACTOR SHALL DESIGNATE IN WRITING TO MDAD THE NAME OF THE "CONTRACTOR SAFETY AND SECURITY OFFICER". THE CONTRACTOR SAFETY AND SECURITY OFFICER SHALL REPRESENT THE CONTRACTOR ON THE SAFETY AND SECURITY REQUIREMENTS OF THE CONTRACT.

2. CONTRACTOR PERSONNEL SAFETY AND SECURITY ORIENTATION - THE CONTRACTOR SECURITY OFFICER SHALL BE RESPONSIBLE TO BRIEF ALL CONTRACTOR AND SUBCONTRACTOR PERSONNEL ON CONTRACT SAFETY AND SECURITY REQUIREMENTS FOR WORKING ON THE AOA, INCLUDING THE FOLLOWING FAA ADVISORY CIRCULARS LATEST EDITION.  
 150/5370-2 - OPERATIONAL SAFETY ON AIRPORTS DURING CONSTRUCTION.  
 150/5210-5 - PAINTING, MARKING, AND LIGHTING OF VEHICLES USED ON AN AIRPORT.  
 150/5340-1 - STANDARDS FOR AIRPORT MARKINGS. DIVISION 1-01570 - AIRFIELD OPERATIONAL SAFETY DURING CONSTRUCTION.

3. GROUND CONTROL - ALL CONTRACTOR VEHICLES THAT ARE REQUIRED TO ACCESS OR CROSS ACTIVE RUNWAYS, TAXIWAYS, SAFETY AREA AND APPROACH CLEAR ZONES SHALL DO SO UNDER THE DIRECT CONTROL AND COORDINATION OF MDAD AIRSIDE OPERATIONS. ALL CONTRACTOR MOVEMENT ON THE AOA SHALL BE CONTROLLED BY MDAD AIRSIDE OPERATIONS. DEBRIS WASTE AND LOOSE MATERIAL SHALL NOT BE ALLOWED ON ACTIVE AIRCRAFT MOVEMENT AREAS. THE CONTRACTOR SHALL HAVE AN AUTOMATIC MOTORIZED VACUUM SWEEPER OPERATING ON THE WORKSITE AND HAUL ROUTES AT ALL TIMES. MDAD AIRSIDE OPERATIONS OR THE FIELD REPRESENTATIVE MAY DIRECT THAT DEBRIS PROBLEMS DURING CONSTRUCTION BE CORRECTED BY THE CONTRACTOR OR CORRECTED BY OTHERS AT THE EXPENSE OF THE CONTRACTOR.

7. USE OF RUNWAYS OR TAXIWAYS DURING OPERATIONAL EMERGENCIES - MDAD MAY DIRECT THE CONTRACTOR TO CEASE ALL CONSTRUCTION DURING AIRCRAFT TAKEOFF AND EQUIPMENT, PERSONNEL, AND MATERIALS FROM THE AOA DURING AN OPERATIONAL EMERGENCY. THE CONTRACTOR WILL IMPLEMENT THIS EVACUATION IMMEDIATELY AND RELEASE THE CONSTRUCTION AREA TO MDAD AIRSIDE OPERATIONS WITHIN 30 MINUTES.

8. INSPECTION BY MDAD OPERATIONS - UPON COMPLETION OF THE CONTRACTOR'S WORK AND PRIOR TO OPENING FOR AIRCRAFT USE, THE RPR WILL ARRANGE FOR INSPECTIONS BY MDAD AIRSIDE OPERATIONS AND THE A/E OF THE WORKSITE. THESE AREAS MUST COMPLY WITH REQUIREMENTS OF THE CONTRACT DOCUMENTS FOR THE ACCEPTANCE AND PASS THE INSPECTION BY MDAD AIRSIDE OPERATIONS.

9. MAINTENANCE OF TRAFFIC DEVICES - ALL BARRICADE LIGHTING, TEMPORARY SIGNAGE AND SIGNAGE LIGHTING COVERS SHALL BE VERIFIED BY THE CONTRACTOR FOR PROPER OPERATION EACH DAY. IN ADDITION, THE CONTRACTOR SHALL IMMEDIATELY REPLACE ALL BARRICADE LIGHTS OR FLAGS WHICH IN THE OPINION OF THE FIELD REPRESENTATIVE OR MDAD AIRSIDE OPERATIONS ARE NOT ADEQUATE. REFER TO DIVISION 1-01570 AIRFIELD OPERATIONAL SAFETY DURING CONSTRUCTION.

10. ACCESS ROUTE - ACCESS ROUTES WITHIN THE AOA SHALL BE AS APPROVED BY MDAD. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE OFF-AIRPORT HAUL ROUTES (STATE HIGHWAYS, COUNTY ROADS OR CITY STREETS) WITH THE APPROPRIATE OWNER WHO HAS JURISDICTION OVER THE AFFECTED ROUTE. THE CONTRACTOR IS RESPONSIBLE FOR THE IMMEDIATE CLEANUP OF ANY DEBRIS DEPOSITED ALONG ANY ACCESS ROUTE AS A RESULT OF THE CONSTRUCTION TRAFFIC. DIRECTIONAL SIGNING AT THE ACCESS GATE AND ALONG THE DELIVERY ROUTE TO THE STORAGE AREA OR WORK SITE SHALL NOT BE PERMITTED. THE CONTRACTOR SHALL RESTORE ACCESS ROUTE PAVEMENTS AND EQUIPMENT TO ITS ORIGINAL CONDITION OR BETTER AT NO ADDITIONAL COMPENSATION AT THE CONCLUSION OF PAVING AND HAULING OPERATIONS.

11. CONSTRUCTION AREA LIMITS - THE CONTRACTOR'S STAGING, PARKING AREA AND OTHER AREAS REQUIRED FOR THE CONTRACTOR'S EXCLUSIVE USE DURING CONSTRUCTION SHALL BE MARKED BY THE CONTRACTOR AND APPROVED BY THE RPR. THE CONTRACTOR SHALL ERECT AND MAINTAIN SUITABLE FENCING, SIGNAGE AND WARNING DEVICES VISIBLE FOR BOTH DAY/NIGHT USE TO DELINEATE THE PERIMETER OF ALL STAGING AND PARKING AREAS. HOWEVER, THE CONTRACTOR IS RESPONSIBLE FOR SECURING ALL EQUIPMENT AND MATERIALS. THE MDAD IS NOT RESPONSIBLE FOR EQUIPMENT OR MATERIALS DAMAGED AND/OR STOLEN FROM THE CONTRACTOR'S STAGING AREA.

12. IDENTIFICATION BADGES - ALL CONTRACTOR EMPLOYEES AND EMPLOYEES OF APPROVED SUBCONTRACTORS SHALL BE IDENTIFIED BY MEANS OF MDAD ISSUED IDENTIFICATION BADGES AT ALL TIMES WHEN THEY ARE INSIDE THE AOA. THE AIRPORT I.D. PROGRAM IS UNDER CONSTANT REVIEW BY THE TRANSPORTATION SECURITY ADMINISTRATION AND ALL CURRENT REQUIREMENTS WILL GOVERN THE CONTRACTOR'S SAFETY AND SECURITY OFFICER RESPONSIBILITY FOR ALL IDENTIFICATION AND BADGING REQUIREMENTS. ALL OTHER REQUIREMENTS OF THE AIRPORT'S WRITTEN POLICY ON AIRPORT CONSTRUCTION IDENTIFICATION BADGING SHALL BE ADHERED TO INCLUDING ANY APPLICABLE UPDATES OR CHANGES WHICH BECOME EFFECTIVE DURING THE COURSE OF THE PROJECT.

13. BACKGROUND CHECKS - THE CONTRACTOR IS ADVISED THAT ALL EMPLOYEES WHO ARE BADGED AND ALLOWED TO WORK ON THE AOA UNESCORTED MUST BE SUBJECTED TO A TEN-YEAR BACKGROUND CHECK IF THE EMPLOYEE WAS HIRED AFTER NOVEMBER 1989. NO DEVIATIONS FROM THIS REQUIREMENT WILL BE PERMITTED AND THE CONTRACTOR SHALL BEAR ALL COSTS FOR SUCH CHECKS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY AND ALL FINES LEVIED BY THE TSA FOR CONTRACTOR'S NONCOMPLIANCE WITH SECURITY AND SAFETY REQUIREMENTS.

14. AOA DRIVER'S CERTIFICATION - OPERATORS OF VEHICLES MUST POSSESS A VALID DRIVER'S LICENSE, FOR THE VEHICLE BEING OPERATED. ALL PERSONNEL DRIVING WITHIN THE AOA ARE REQUIRED TO SUCCESSFULLY COMPLETE MDAD'S VEHICLE OPERATOR CLASS. ALL VEHICLES ON AOA SHALL HAVE MDAD PERMIT DISPLAYED, WITH EXCEPTION OF APPROVED MDAD ESCORTED DELIVERY VEHICLES.

15. VEHICLE IDENTIFICATION - THE CONTRACTOR SHALL ESTABLISH AND MAINTAIN A LIST OF CONTRACTOR AND SUBCONTRACTOR VEHICLES AUTHORIZED TO OPERATE ON THE AOA. THE CONTRACTOR SHALL PROVIDE A CURRENT LISTING OF VEHICLES AND COMPANIES AUTHORIZED TO ENTER AND CONDUCT WORK ON THE AOA TO THE FIELD REPRESENTATIVE. CONTRACTOR'S EMPLOYEE PERSONAL VEHICLES ARE NOT ALLOWED ON THE AOA AT ANY TIME. ALL CONTRACTOR COMPANY OWNED OR LEASED VEHICLES THAT ARE AUTHORIZED TO OPERATE ON THE AOA SHALL COMPLY WITH THE REQUIREMENTS OF FAA AND MDAD AIRSIDE OPERATIONS.

1. THE WORK WILL OCCUR IN DIFFERENT PHASES / STAGES AND SHALL BE SCHEDULED ACCORDINGLY. DEMOLITION, BARRICADES INSTALLATION / REMOVAL, MOBILIZATION WILL OCCUR AS MANY TIMES AS REQUIRED FOR THE COMPLETION OF THE WORK.

2. THE WORK SHALL BE PHASED / SCHEDULED AROUND MDAD OPERATION, AND SHALL OCCUR ONLY IN AREAS ALLOWED / ASSIGNED BY MDAD.

3. CONTRACTOR SHALL SUBMIT SAFETY PLAN FOR APPROVAL SAFETY PLAN SHALL CLEARLY DELINEATE AREAS FOR CONSTRUCTION, SAFELY BARRIERS, EXITS, CONSTRUCTION PHASES, AND THE VARIOUS PHASES OF THE PROJECT AND WHEN CONDITIONS CHANGE WHERE HEAVY MACHINERY IS TO BE USED, THE WORK SHALL BE SEPARATED FROM OCCUPANTS BY SECURE DOUBLE BARRIERS WITH A DISTANCE OF 10 FEET IN BETWEEN. CONSTRUCTION, IT'S STAGING, ETC. SHALL NOT IMPEDE OR REDUCE THE MEANS OF EGRESS.

4. PROVIDE AND MAINTAIN STABILIZED VEHICULAR ACCESS TO CONSTRUCTION AREAS.

5. PROVIDE AND MAINTAIN ACCESS TO STAGING AND CONSTRUCTION AREAS.

6. PROVIDE TEMPORARY CONSTRUCTION BARRICADES TO THE EXTENT REQUIRED TO ALLOW DEMOLITION AND NEW CONSTRUCTION TO OCCUR IN A SAFE MANNER, MAINTAIN SAFE EGRESS AND ACCESS TO AND FROM ALL REMAINING OCCUPIED BUILDINGS.

7. ALL SYSTEMS SHALL REMAIN OPERATIONAL DURING ALL PHASES OF CONSTRUCTION. TRANSFER, RELOCATION, OR REMOVAL OF ANY SYSTEM SHALL BE PERFORMED IN SUCH A MANNER THAT SCHOOL OPERATION WILL BE MAINTAINED WITH ALL SYSTEMS IN A SAFE, WORKING ORDER.

8. REMOVE TEMPORARY BARRIERS UPON COMPLETION OF THE WORK RESTORE ALL AREAS DAMAGED DURING CONSTRUCTION TO A "LIKE NEW" CONDITION, INCLUSIVE OF LANDSCAPE AREAS, FLOORS WALLS, CEILINGS, UTILITIES, BELOW AND ABOVE GRADE IMPROVEMENTS, ETC. PROVIDE PHOTOGRAPHS RECORDING EXISTING CONDITIONS PRIOR TO COMMENCING THE WORK.

9. PROVIDE SIGNS ON EXTERIOR FACE OF TEMPORARY CONSTRUCTION BARRIERS TO READ: "CONSTRUCTION AREA NO TRESPASSING".

10. RESTORE AREAS AFTER WORK IS COMPLETED TO A MATCHING FINISHED APPEARANCE.

11. NO WORK OF ANY PHASE SHALL START UNTIL PREVIOUS PHASE HAS BEEN ACCEPTED BY OWNER AND ARCHITECT / ENGINEER AS SUBSTANTIALLY COMPLETE.

12. REPLACE, REPAIR, REFINISH ALL EXISTING IMPROVEMENTS DAMAGED DURING CONSTRUCTION.

13. PROVIDE VIDEO TAPED / PHOTOGRAPH RECORD CONDITIONS OF AREAS TO REMAIN THAT WILL BE IMPACTED DURING ALL PHASES OF CONSTRUCTION.

14. STAGING AREAS SHALL BE MINIMIZED TO MAINTAIN PROPER SAFE OPERATIONS. THEY SHALL BE INSTALLED AND / OR SHALL BE RELOCATED AS WORK PROGRESSES.

15. PHASING OF THE WORK SHALL BE SUBJECT TO THE APPROVAL OF MDAD. INTERRUPTION OF EXISTING FACILITIES OR SERVICES SHALL BE KEPT TO A MINIMUM AND THE CONTRACTOR SHALL FURNISH ALL MATERIALS REQUIRED WHENEVER TEMPORARY CONNECTIONS ARE NECESSARY TO MAINTAIN CONTINUITY OF SERVICE. INTERRUPTION OF EXISTING SERVICES, THE INSTALLATION OF TEMPORARY FACILITIES, AND THE WORK OF MAKING FINAL CONNECTIONS SHALL BE DONE ONLY AT SUCH TIMES PERMITTING BY THE OWNER. CARE MUST BE USED IN WORKING AROUND UTILITY LINES RUNNING THROUGH AREAS BEING DEMOLISHED SO THAT SERVICES TO OTHER AREA WHICH MIGHT BE SERVED THROUGH THESE AREAS WILL NOT BE INTERRUPTED.

THE CONSTRUCTION SHALL INCLUDE THE FURNISHING OF ALL MATERIALS, EXTENSIONS, CONNECTIONS, CUTTING, PATCHING, PAINTING, REPAIRING, ADAPTING AND OTHER WORK, INCIDENTAL TO, AND TOGETHER WITH SUCH TEMPORARY CONNECTIONS AS MAY BE REQUIRED. THE CONSTRUCTION SHALL ALSO INCLUDE THE REMOVAL OF MATERIALS AS DIRECTED. ANY WORK NOT SHOWN ON THE DRAWING OR SPECIFICALLY MENTIONED IN THE SPECIFICATIONS BUT CONSIDERED NECESSARY FOR THE COMPLETION OF THE WORK IN PROPER MANNER SHALL BE PROVIDED BY THE CONTRACTOR WITHOUT ADDITIONAL CHARGE. WHERE PRESENT WORK IS DAMAGE IN THE EXECUTION OF THIS CONTRACT, OR WHERE OPENINGS ARE LEFT DUE TO THE REMOVAL OF PIPES, EQUIPMENT OR APPARATUS, THE SAME SHALL BE REPAIRED OR CLOSED UP TO CORRESPOND IN MATERIAL, QUALITY, SHAPE, AND FINISH WITH THAT OF SIMILAR AND ADJOINING WORK, UNLESS OTHERWISE CALLED FOR WHERE DAMAGE IS NOT REPAIRABLE. NEW ITEMS OR EQUIPMENT SHALL BE PROVIDED. INTERRUPTION OF EXISTING FACILITIES OR SERVICES SHALL BE KEPT TO A MINIMUM AND THE CONTRACTOR SHALL FURNISH ALL MATERIALS REQUIRED WHENEVER TEMPORARY CONNECTIONS ARE NECESSARY TO MAINTAIN CONTINUITY OF SERVICE. INTERRUPTION OF EXISTING SERVICES, THE INSTALLATION OF TEMPORARY FACILITIES, AND THE WORK OF MAKING FINAL CONNECTIONS TO THE NETWORK SHALL BE DONE ONLY AT SUCH TIMES AS PERMITTED AND SCHEDULED BY THE OWNER WITHOUT ADDITIONAL COST. CARE MUST BE USED IN RESOLVING SERVICES TO AREA BEING DEMOLISHED SO THAT SERVICES TO OTHER AREAS WHICH MIGHT BE SERVED THROUGH THESE AREAS WILL NOT BE INTERRUPTED. WHEN WORK IS SHOWN TO BE REMOVED, CONTRACTOR SHALL CAP AND SEAL EXISTING SANITARY AND WATER LINES AS REQUIRED.

**MIA**  
MIAMI INTERNATIONAL AIRPORT

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**BL + A ARCHITECTS**

ENRIQUE M. ZUNIGA  
FLORIDA, P.E. No. 38983

**MIA South Terminal Concourse H Rehabilitation - Phase 1**  
21 MIAD CIRCLE  
MIAMI, FLORIDA 33126

PROJECT:

NO.	DATE	BY	REVISIONS
1	5/6/2022	ONZ	COMMENTS
2	3/8/2022	ONZ	LOG: DEPT. COMMENTS

DATE: FEBRUARY 4, 2022  
 SCALE: AS SHOWN  
 DESIGN BY: E.M.Z.  
 DRAWN BY: C.N.Z.  
 REVIEWED BY: E.M.Z.  
 PROJECT NO.: 18-0305.02  
 DRAWING TITLE: NOTES, CODES & SYMBOLS  
 DRAWING NO.: G0.03

SHEET NO.: 3 OF 42

1. GENERAL NOTES  
 N.T.S.

2. APPLICABLE CODES  
 N.T.S.

3. WASTE MATERIAL NOTES  
 N.T.S.

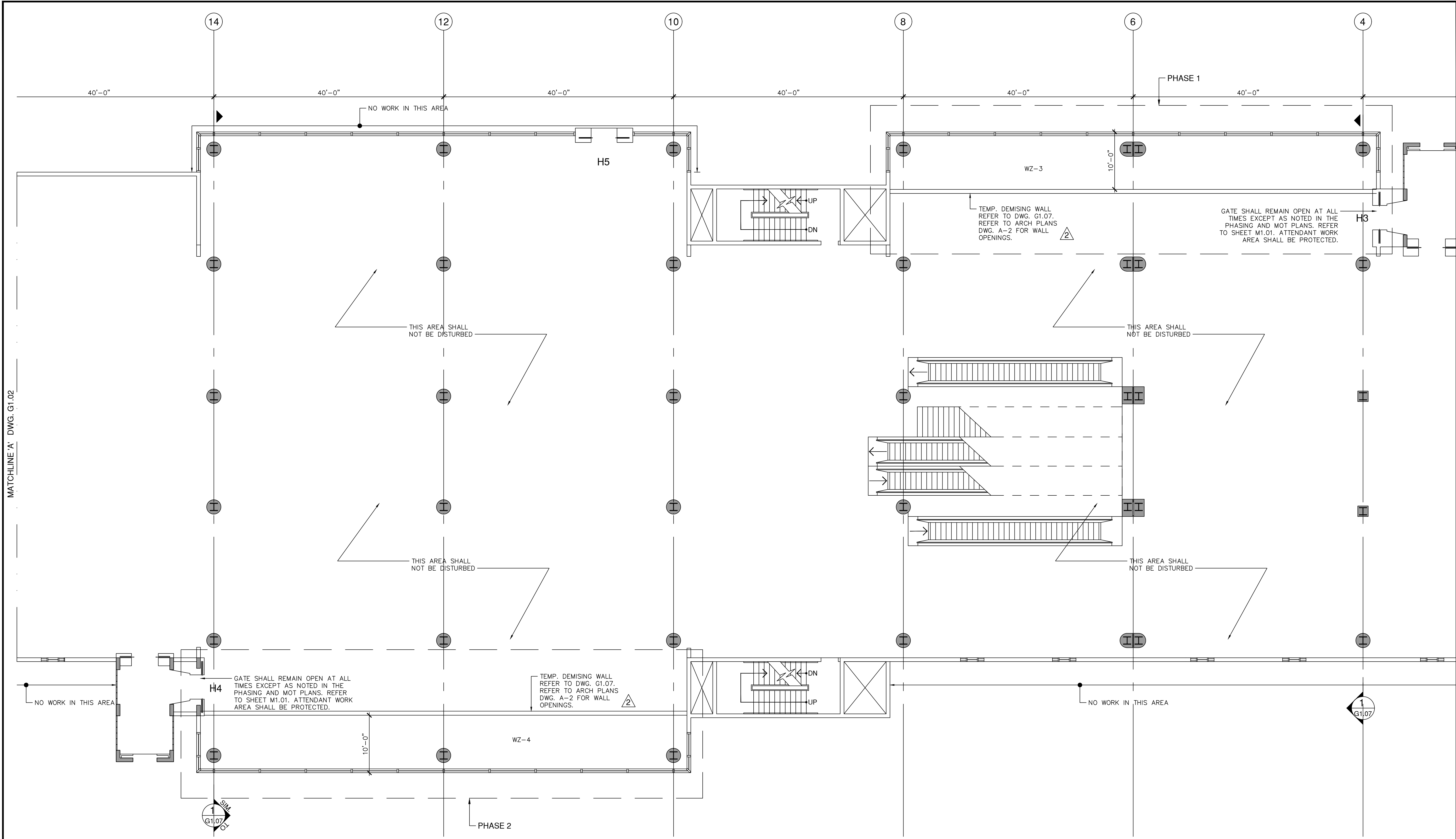
4. SHOP DRAWING NOTES  
 N.T.S.

5. SAFETY AND SECURITY NOTES  
 N.T.S.

6. PHASING NOTES  
 N.T.S.

NO.	DATE	BY	REVISIONS
2	5/6/2023	CNZ	BLOG. DEPT. COMMENTS
1	3/8/2022	CNZ	BLOG. DEPT. COMMENTS

DATE:	FEBRUARY 4, 2022
SCALE:	AS SHOWN
DESIGN BY:	E.M.Z.
DRAWN BY:	C.N.Z.
REVIEWED BY:	E.M.Z.
PROJECT NO.:	18-0305.02
DRAWING TITLE:	PHASING PLAN
DRAWING NO.:	G1.01
SHEET NO.:	4 OF 42



**CONSTRUCTION PHASING**

**METHODS OF CONSTRUCTION**  
 PHASING HAS BEEN DEVELOPED TO INCLUDE A WORKABLE SPACE SUFFICIENT FOR THE CONTRACTOR TO BE ABLE TO REPLACE THE GLAZING SYSTEM SAFELY AND SECURELY.

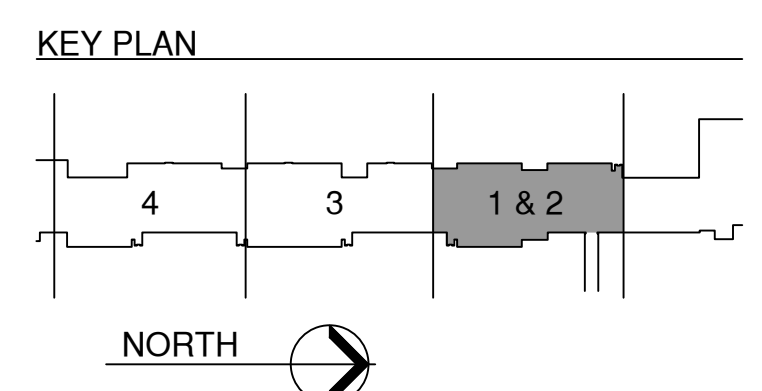
**ASSUMPTIONS**

1. MDAD'S ACTIVITIES ARE CALCULATED ON A 5-DAY WORK WEEK.
2. CONCOURSE H HAS BEEN DIVIDED INTO FOUR WORK ZONES (WZ). EACH SECTION OF SECTION OF WORK HAS BEEN IDENTIFIED WITH WZ-##.
3. THIS DRAFT CONTINUES A CONSECUTIVE WZ SEQUENCE. EACH WZ WILL ENCOMPASS FLOOR 2 AND 3.

**RECOMMENDATIONS**

1. FOUR AREAS OF WORK ARE TO BE INCLUDED.
2. AREAS OF WORK ARE DEFINED AS WZ-3, WZ-4, WZ-6/8, AND WZ-10.
3. WORK ZONE 6 AND 8 ARE TO BE WORKED TOGETHER TO AVOID OR MINIMIZE DISRUPTION TO AIRLINE OPERATIONS.
4. A 10 FOOT AREA IS PROVIDED FROM THE GLAZING WALL TO THE CONCOURSE AREA.
5. AT THIS 10 FOOT DISTANCE CONTRACTOR SHALL BUILD A TEMPORARY DEMISING WALL.
6. DEMISING WALL SHALL BE APPROVED BY THE ARCHITECT/ENGINEER PRIOR TO IMPLEMENTATION.
7. THE GATE TO THE JET BRIDGE SHALL BE PROTECTED AND MAINTAINED OPEN AT ALL TIMES.
8. CONTRACTOR SHALL COORDINATE WITH MDAD AIRSIDE AND TERMINAL OPERATIONS FOR ACCESS TO THE WORK ZONES.
9. CONTRACTOR TO COORDINATE WITH THE AIRLINE FOR GATE AND ATTENDANT WORK AREAS.
10. CONTRACTOR SHALL NOT REMOVE DEMISING WALL UNTIL WRITTEN APPROVAL IS PROVIDED BY ARCHITECT/ENGINEER.
11. CONTRACTOR SHALL NOT BEGIN A WORK ZONE, NOR THE CONSTRUCTION OF A DEMISING WALL UNTIL WRITTEN APPROVAL BY THE ARCHITECT/ENGINEER.

**SECOND FLOOR PHASING PLAN - PHASE 1 & 2**  
 SCALE: 1/8" = 1'-0"

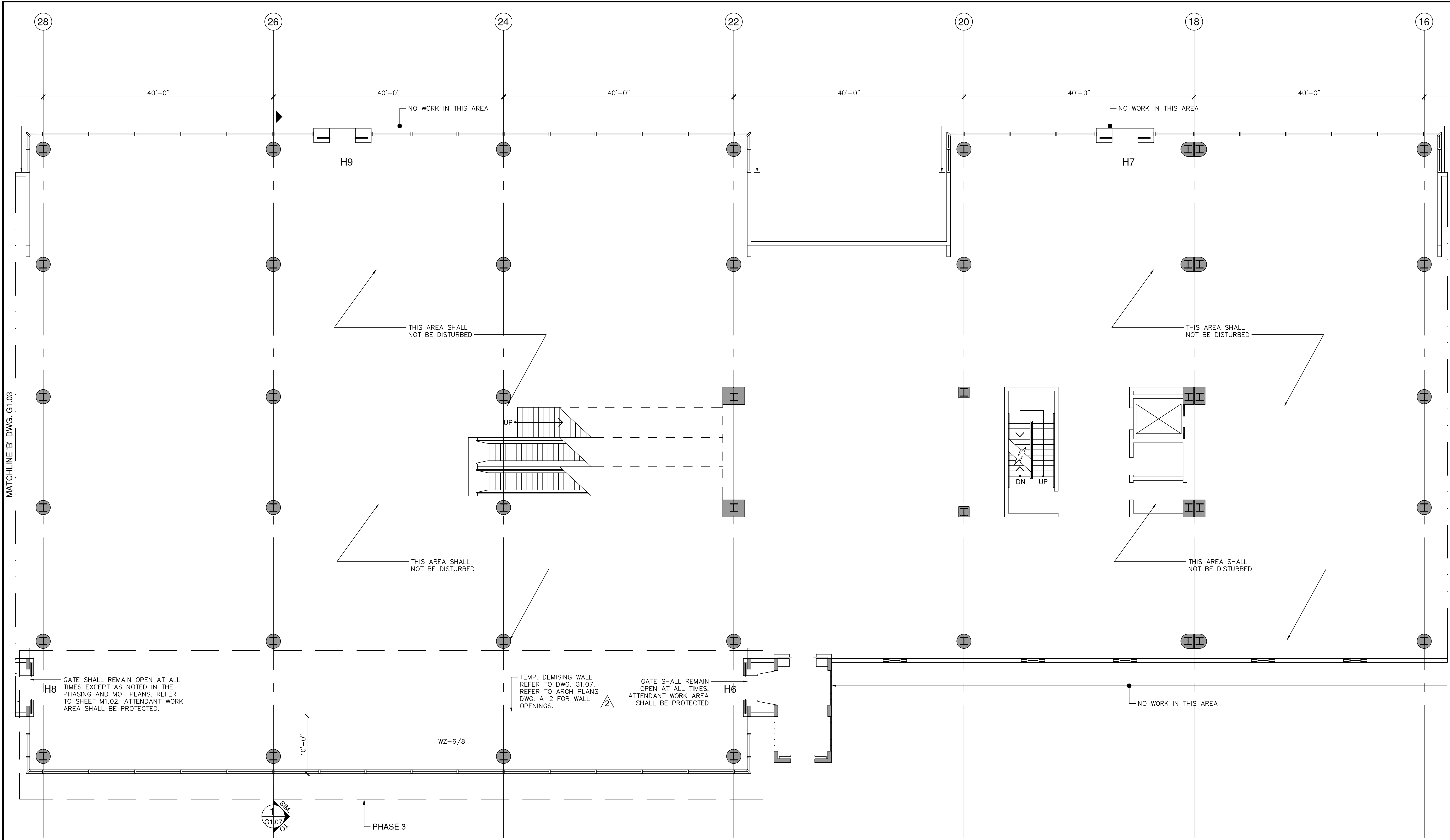


MATCHLINE 'A' DWG. G1.02

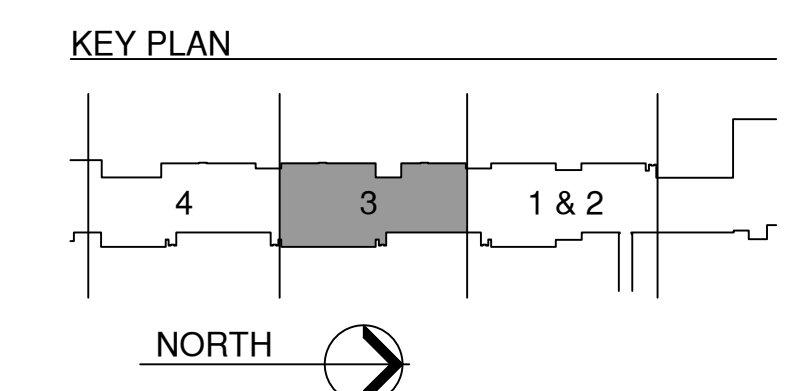
PLOT DATE: 1/18/2023  
 \Projects\18-0305.02 - MIA Glazing Concourse H\1-ACAD\sheet set

NO.	DATE	BY	REVISIONS
1	3/8/2022	C.N.Z.	COMMENTS
2	5/6/2022	C.N.Z.	BLOG. DEPT. COMMENTS

DATE:	FEBRUARY 4, 2022
SCALE:	AS SHOWN
DESIGN BY:	E.M.Z.
DRAWN BY:	C.N.Z.
REVIEWED BY:	E.M.Z.
PROJECT NO.:	18-0305.02
DRAWING TITLE:	PHASING PLAN
DRAWING NO.:	G1.02
SHEET NO.:	5 OF 42



**SECOND FLOOR PHASING PLAN - PHASE 3**  
 SCALE: 1/8" = 1'-0"



**CONSTRUCTION PHASING**

METHODS OF CONSTRUCTION  
 PHASING HAS BEEN DEVELOPED TO INCLUDE A WORKABLE SPACE SUFFICIENT FOR THE CONTRACTOR TO BE ABLE TO REPLACE THE GLAZING SYSTEM SAFELY AND SECURELY.

ASSUMPTIONS

1. MDAD'S ACTIVITIES ARE CALCULATED ON A 5-DAY WORK WEEK.
2. CONCOURSE H HAS BEEN DIVIDED INTO FOUR WORK ZONES (WZ). EACH SECTION OF SECTION OF WORK HAS BEEN IDENTIFIED WITH WZ-##.
3. THIS DRAFT CONTINUES A CONSECUTIVE WZ SEQUENCE. EACH WZ WILL ENCOMPASS FLOOR 2 AND 3.

RECOMMENDATIONS

1. FOUR AREAS OF WORK ARE TO BE INCLUDED.
2. AREAS OF WORK ARE DEFINED AS WZ-3, WZ-4, WZ-6/8, AND WZ-10.
3. WORK ZONE 6 AND 8 ARE TO BE WORKED TOGETHER TO AVOID OR MINIMIZE DISRUPTION TO AIRLINE OPERATIONS.
4. A 10 FOOT AREA IS PROVIDED FROM THE GLAZING WALL TO THE CONCOURSE AREA.
5. AT THIS 10 FOOT DISTANCE CONTRACTOR SHALL BUILD A TEMPORARY DEMISING WALL.
6. DEMISING WALL SHALL BE APPROVED BY THE ARCHITECT/ENGINEER PRIOR TO IMPLEMENTATION.
7. THE GATE TO THE JET BRIDGE SHALL BE PROTECTED AND MAINTAINED OPEN AT ALL TIMES.
8. CONTRACTOR SHALL COORDINATE WITH MDAD AIRSIDE AND TERMINAL OPERATIONS FOR ACCESS TO THE WORK ZONES.
9. CONTRACTOR TO COORDINATE WITH THE AIRLINE FOR GATE AND ATTENDANT WORK AREAS.
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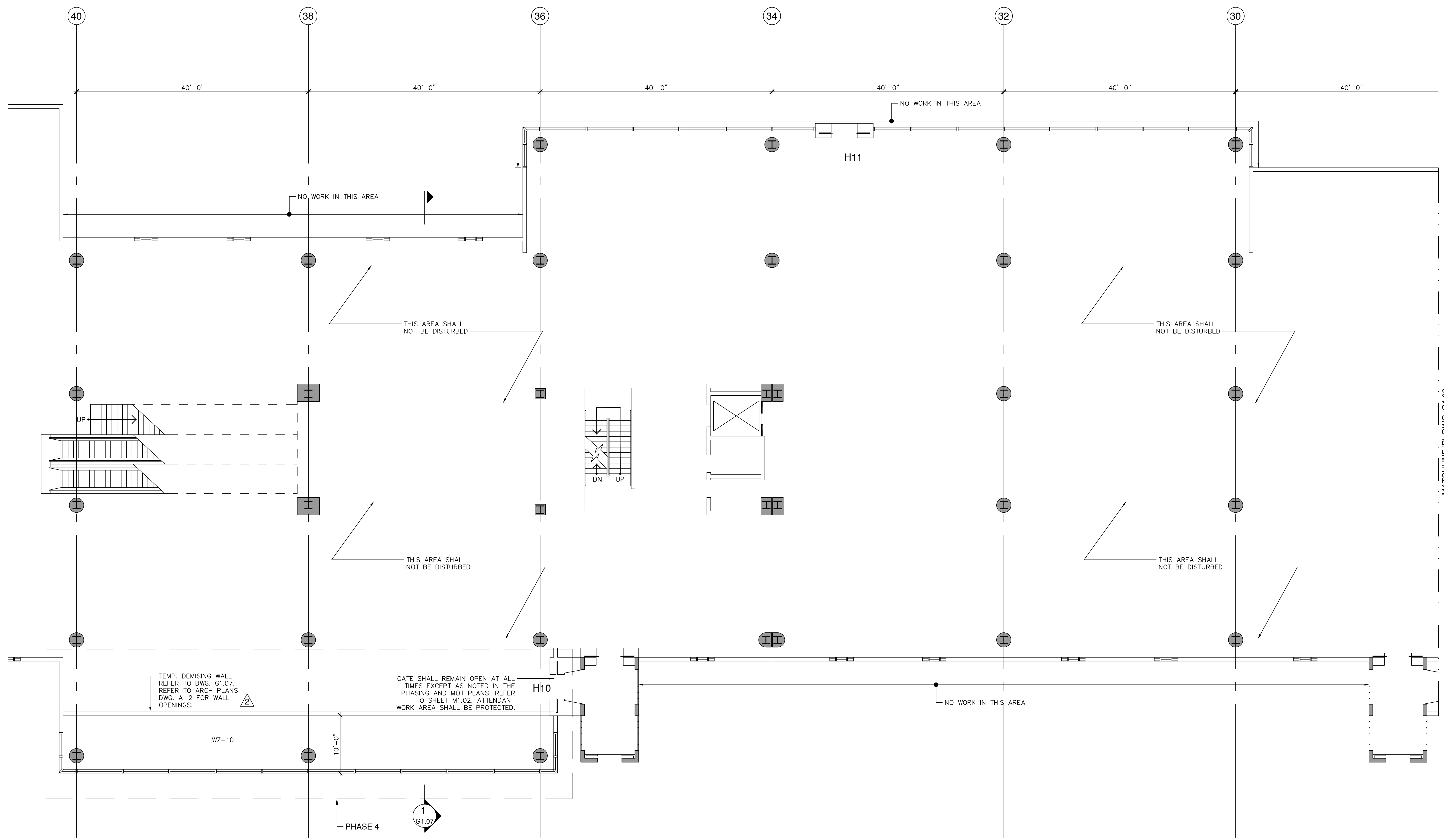
MATCHLINE 'B' DWG. G1.03

MATCHLINE 'A' DWG. G1.01

PLOT DATE: 1/18/2023  
 \Projects\18-0305.02 - MIA Glazing Concourse H\1-ACAD\sheet set

NO.	DATE	BY	BLOG.	DEPT.	COMMENTS	REVISIONS
2	5/6/2022	CNZ				
1	3/8/2022	CNZ				

DATE:	FEBRUARY 4, 2022
SCALE:	AS SHOWN
DESIGN BY:	E.M.Z.
DRAWN BY:	C.N.Z.
REVIEWED BY:	E.M.Z.
PROJECT NO.:	18-0305.02
DRAWING TITLE:	PHASING PLAN
DRAWING NO.:	G1.03
SHEET NO.:	6 OF 42



**CONSTRUCTION PHASING**

**METHODS OF CONSTRUCTION**  
PHASING HAS BEEN DEVELOPED TO INCLUDE A WORKABLE SPACE SUFFICIENT FOR THE CONTRACTOR TO BE ABLE TO REPLACE THE GLAZING SYSTEM SAFELY AND SECURELY.

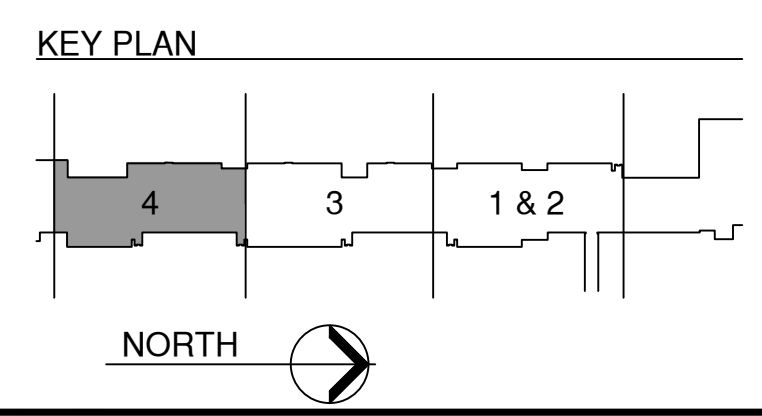
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**SECOND FLOOR PHASING PLAN - PHASE 4**  
SCALE: 1/8" = 1'-0"

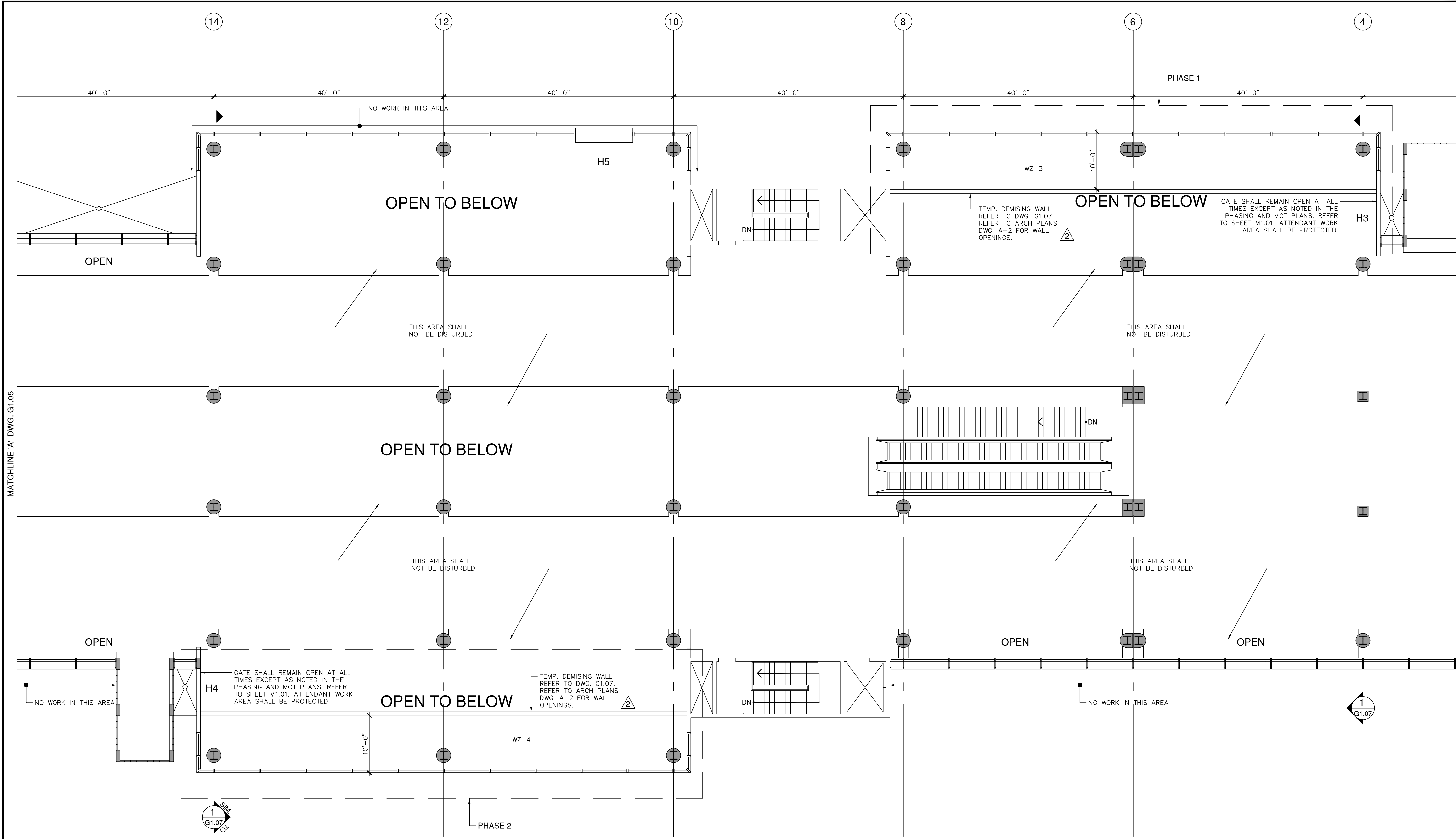


PLOT DATE: 1/18/2023  
Project: 18-0305.02 - MIA Glazing Concourse H - ACAD sheet set

MATCHLINE 'B' DWG. G1.02

NO.	DATE	BY	DESCRIPTION
1	5/16/2022	C.N.Z.	BLOG. DEPT. COMMENTS
2	3/8/2022	C.N.Z.	BLOG. DEPT. COMMENTS

DATE:	FEBRUARY 4, 2022
SCALE:	AS SHOWN
DESIGN BY:	E.M.Z.
DRAWN BY:	C.N.Z.
REVIEWED BY:	E.M.Z.
PROJECT NO.:	18-0305.02
DRAWING TITLE:	PHASING PLAN
DRAWING NO.:	G1.04
SHEET NO.:	7 OF 42



**CONSTRUCTION PHASING**

**METHODS OF CONSTRUCTION**  
 PHASING HAS BEEN DEVELOPED TO INCLUDE A WORKABLE SPACE SUFFICIENT FOR THE CONTRACTOR TO BE ABLE TO REPLACE THE GLAZING SYSTEM SAFELY AND SECURELY.

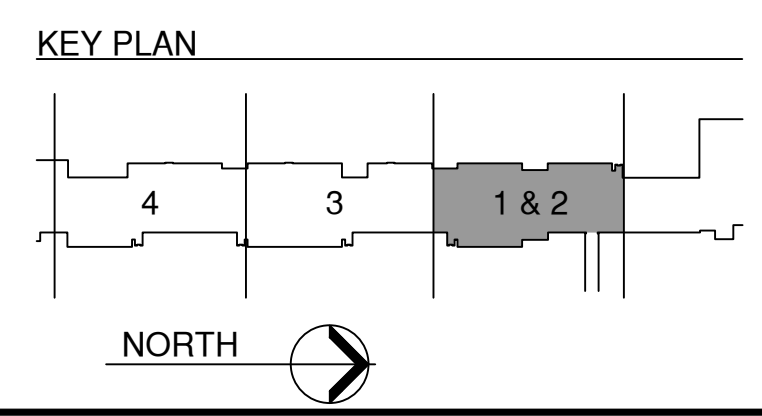
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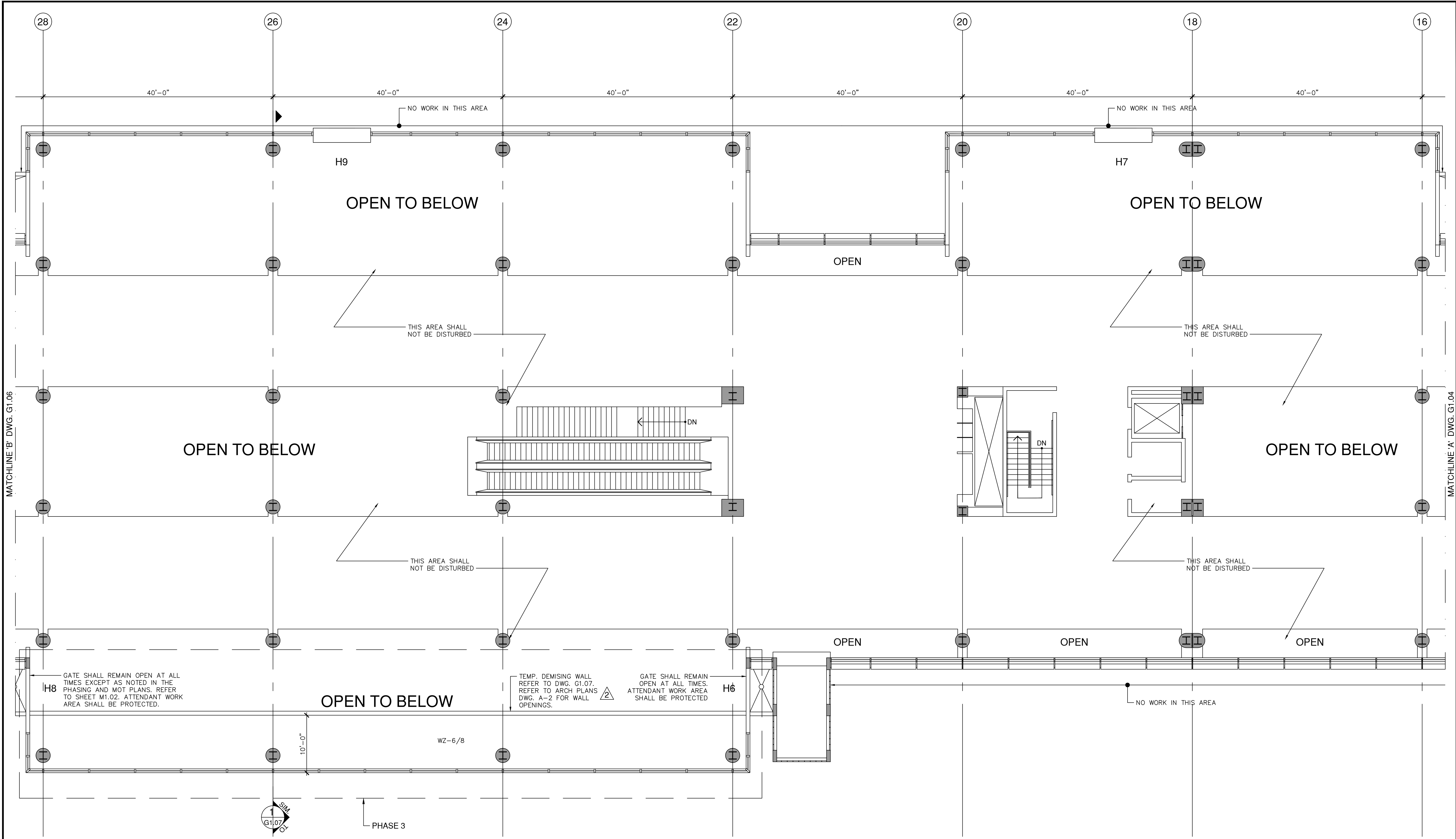
**THIRD FLOOR PHASING PLAN - PHASE 1 & 2**  
 SCALE: 1/8" = 1'-0"



PLOT DATE: 1/18/2023  
 \Projects\18-0305.02 - MIA Glazing Concourse H\1-ACAD\Sheet set

NO.	DATE	BY	REVISIONS
2	5/16/2022	CNZ	BLOG. DEPT. COMMENTS
1	3/8/2022	CNZ	BLOG. DEPT. COMMENTS

DATE:	FEBRUARY 4, 2022
SCALE:	AS SHOWN
DESIGN BY:	E.M.Z.
DRAWN BY:	C.N.Z.
REVIEWED BY:	E.M.Z.
PROJECT NO.:	18-0305.02
DRAWING TITLE:	PHASING PLAN
DRAWING NO.:	G1.05
SHEET NO.:	8 OF 42



**CONSTRUCTION PHASING**

**METHODS OF CONSTRUCTION**  
 PHASING HAS BEEN DEVELOPED TO INCLUDE A WORKABLE SPACE SUFFICIENT FOR THE CONTRACTOR TO BE ABLE TO REPLACE THE GLAZING SYSTEM SAFELY AND SECURELY.

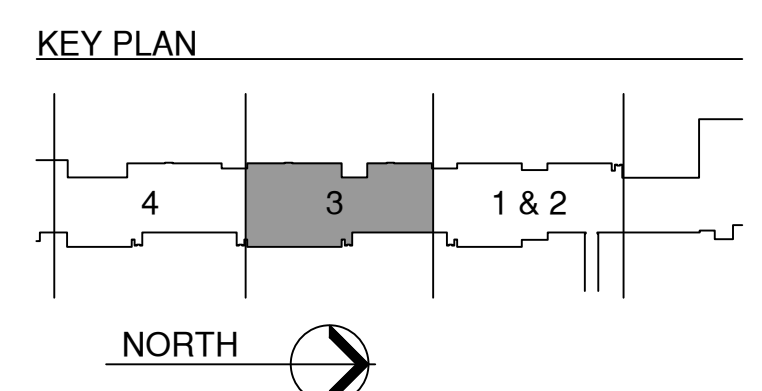
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**THIRD FLOOR PHASING PLAN - PHASE 3**  
 SCALE: 1/8" = 1'-0"

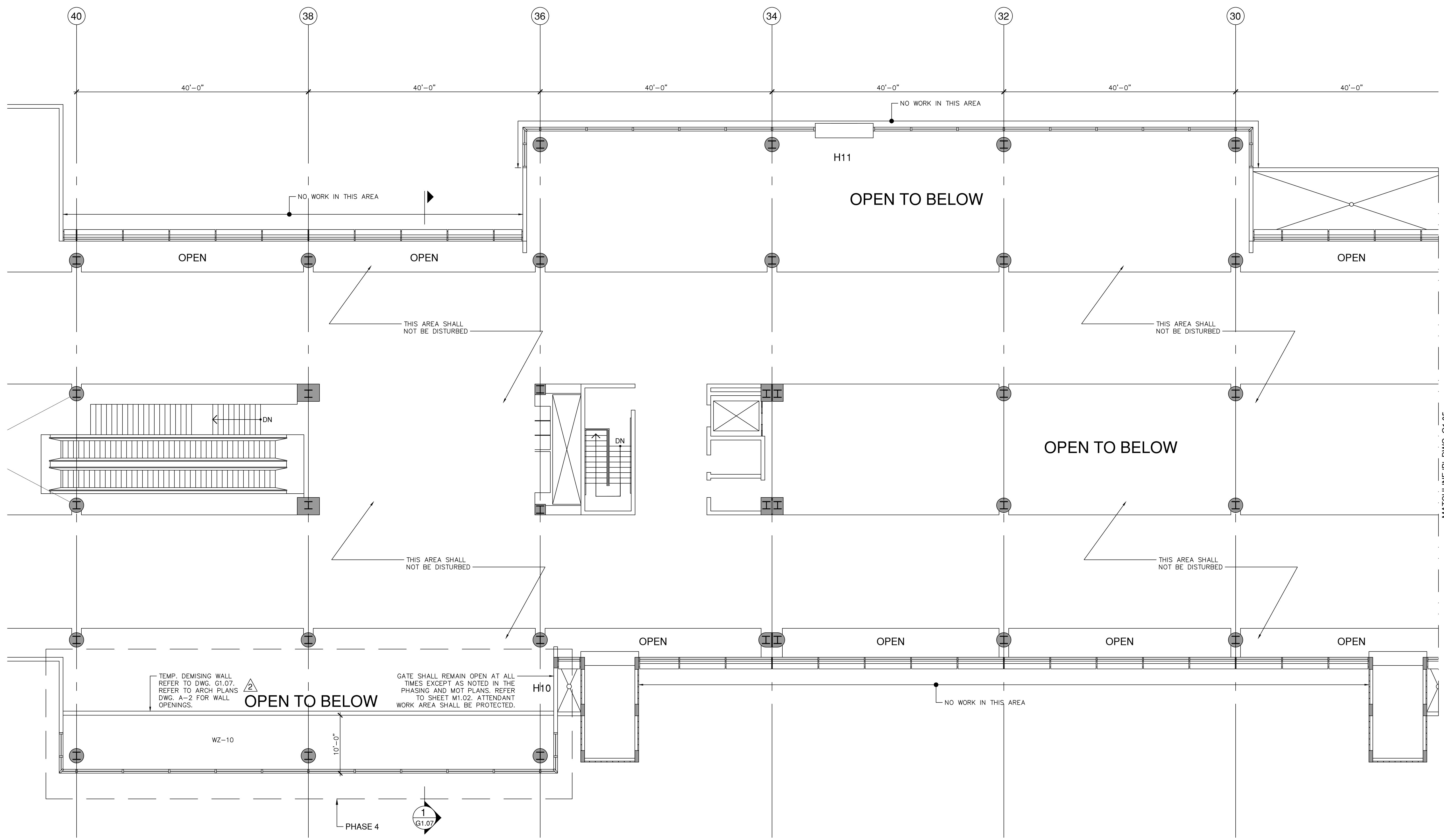


PLOT DATE: 1/18/2023  
 \Projects\18-0305.02 - MIA Glazing Concourse H\1-ACAD\Sheet set



NO.	DATE	BY	REVISIONS
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1	3/8/2022	CNZ	BLOG. DEPT. COMMENTS

DATE:	FEBRUARY 4, 2022
SCALE:	AS SHOWN
DESIGN BY:	E.M.Z.
DRAWN BY:	C.N.Z.
REVIEWED BY:	E.M.Z.
PROJECT NO.:	18-0305.02
DRAWING TITLE:	PHASING PLAN
DRAWING NO.:	G1.06
SHEET NO.:	9 OF 42



**CONSTRUCTION PHASING**

**METHODS OF CONSTRUCTION**  
PHASING HAS BEEN DEVELOPED TO INCLUDE A WORKABLE SPACE SUFFICIENT FOR THE CONTRACTOR TO BE ABLE TO REPLACE THE GLAZING SYSTEM SAFELY AND SECURELY.

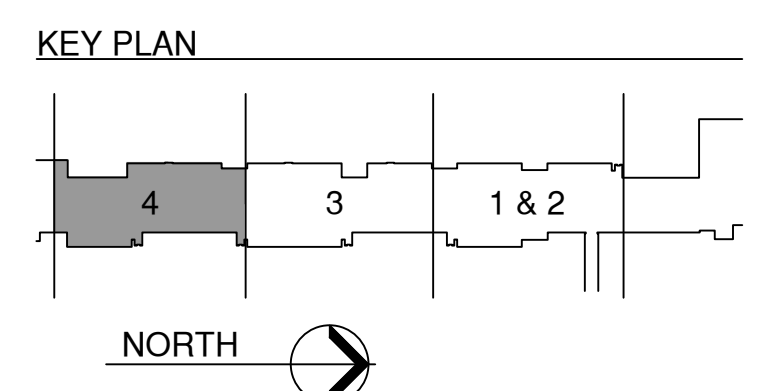
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**THIRD FLOOR PHASING PLAN - PHASE 4**  
SCALE: 1/8" = 1'-0"

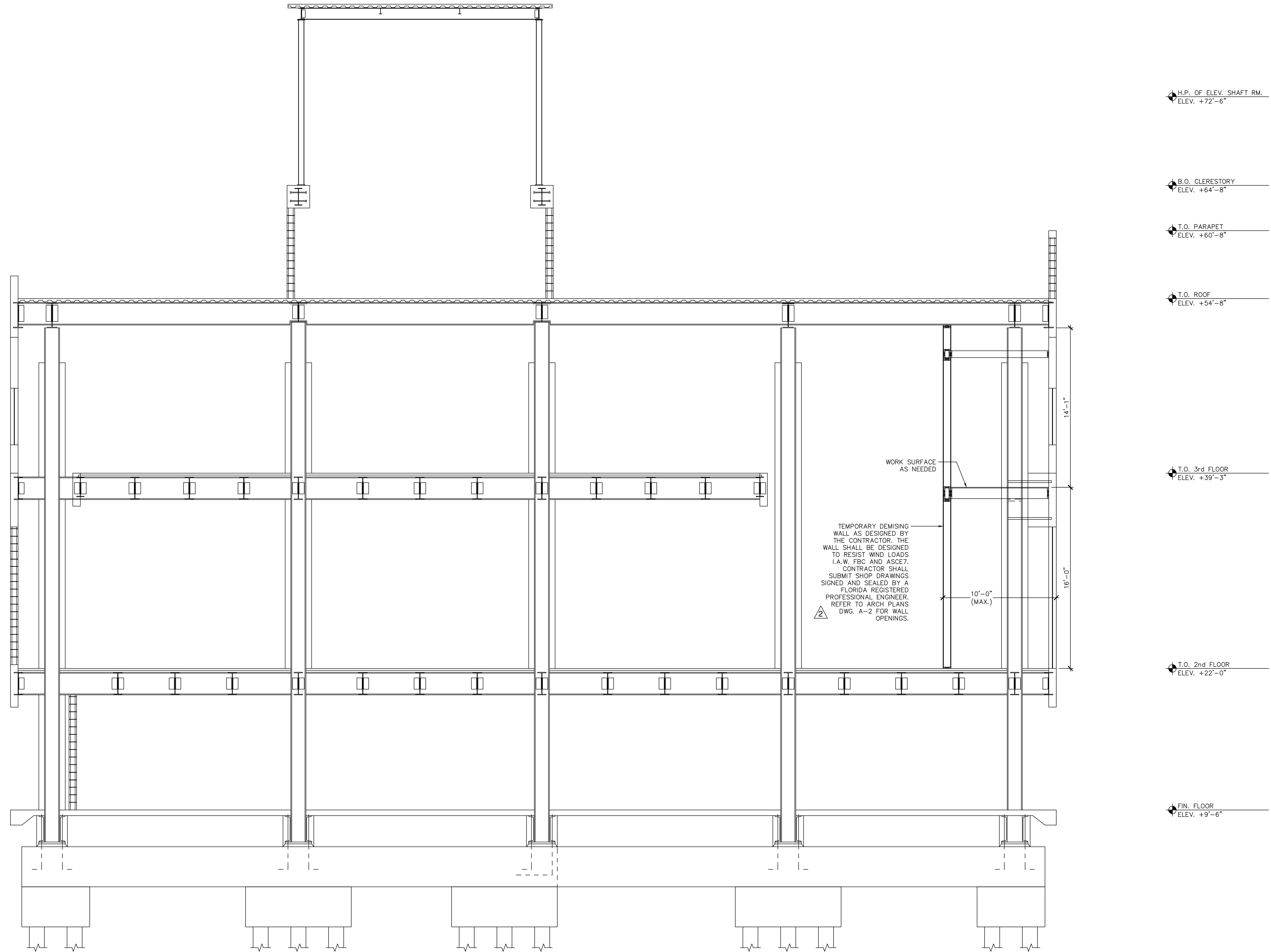


PLOT DATE: 1/18/2023  
Project: 18-0305.02 - MIA Glazing Concourse H - ACAD sheet set

MATCHLINE B' DWG. G1.05

NO.		DATE		BY		REVISIONS	
NO.		DATE		BY		DESCRIPTION	
2	5/6/2022	CNZ				BLDG. DEPT.	COMMENTS
1	3/8/2022	CNZ				BLDG. DEPT.	COMMENTS

DATE:	FEBRUARY 4, 2022
SCALE:	AS SHOWN
DESIGN BY:	E.M.Z.
DRAWN BY:	C.N.Z.
REVIEWED BY:	E.M.Z.
PROJECT NO.:	18-0305.02
DRAWING TITLE:	DEMISING WALL
DRAWING NO.:	G1.07



**1 SECTION**

SC: 1/4" = 1'-0"

PLOT DATE: 11/8/2023  
 \Projects\18 - 0805.02 - MIA Glazing Concourse H\1 - ACAD\Sheet 1.dwg

**SUBMITTALS:**

GENERAL: SUBMIT THE FOLLOWING IN ACCORDANCE WITH CONDITIONS OF CONTRACT.

1. SCHEDULE INDICATING PROPOSED SEQUENCE OF OPERATIONS FOR SELECTIVE DEMOLITION WORK TO OWNER'S REPRESENTATIVE FOR REVIEW PRIOR TO START OF WORK. INCLUDE COORDINATION FOR DUST AND NOISE CONTROL PROTECTION.
  - A. PROVIDE DETAILED SEQUENCE OF DEMOLITION AND REMOVAL WORK TO ENSURE UNINTERRUPTED PROGRESS OF OWNER'S ON-SITE OPERATIONS.
  - B. COORDINATE WITH OWNER'S CONTINUING OCCUPATION OF PORTIONS OF EXISTING BUILDING AND WITH OWNER'S PARTIAL OCCUPANCY OF COMPLETED NEW ADDITION.

**JOB CONDITIONS:**

1. OCCUPANCY: PROVIDE MINIMUM OF 72 HOURS ADVANCE WRITTEN NOTICE TO OWNER OF DEMOLITION ACTIVITIES THAT WILL AFFECT OWNER'S NORMAL OPERATIONS.
2. PROTECTIONS: PROVIDE TEMPORARY BARRICADES AND OTHER FORMS OF PROTECTION TO PROTECT OWNER'S PERSONNEL AND GENERAL PUBLIC FROM INJURY DUE TO SELECTIVE DEMOLITION WORK.
  - A. PROVIDE INTERIOR AND EXTERIOR SHORING, BRACING, OR SUPPORT TO PREVENT MOVEMENT, SETTLEMENT, OR COLLAPSE OF STRUCTURE OR ELEMENT TO BE DEMOLISHED AND ADJACENT FACILITIES OR WORK TO REMAIN.
  - B. PROTECT/REPAIR/REPLACE DAMAGE TO EXISTING FINISH WORK THAT IS TO REMAIN IN PLACE AND BECOMES EXPOSED DURING DEMOLITION OPERATIONS INCLUDING BUT NOT LIMITED TO WINDOW METAL ASSEMBLIES, GLASS, ACCESSORIES, ETC.
  - C. PROVIDE TEMPORARY WEATHER PROTECTION DURING INTERVAL BETWEEN DEMOLITION AND REMOVAL OF EXISTING CONSTRUCTION ON EXTERIOR SURFACES & INSTALLATION OF NEW CONSTRUCTION TO ENSURE THAT NO WATER LEAKAGE OR DAMAGE OCCURS TO STRUCTURE OR INTERIOR AREAS OF EXISTING BUILDING.
  - D. REMOVE PROTECTIONS AT COMPLETION OF WORK.
3. DAMAGES: PROMPTLY REPAIR DAMAGES CAUSED TO ADJACENT INTERIOR OR EXTERIOR AREAS BY DEMOLITION WORK.
4. TRAFFIC: CONDUCT SELECTIVE DEMOLITION OPERATIONS AND DEBRIS REMOVAL TO ENSURE MINIMUM INTERFERENCE WITH AIRSIDE OR TERMINAL OPERATIONS & OTHER ADJACENT OCCUPIED OR USED FACILITIES. DO NOT OBSTRUCT WALKS OR OTHER OCCUPIED OR USED FACILITIES WITHOUT WRITTEN PERMISSION FROM AUTHORITIES HAVING JURISDICTION.
5. FLAME CUTTING: PROHIBITED WITHOUT PRIOR SUBMITTAL OF A MDAD HOT WORK PERMIT AND APPROVAL BY MDAD THROUGH THE RPR. DO NOT USE CUTTING TORCHES FOR REMOVAL UNTIL WORK AREA IS CLEARED OF FLAMMABLE MATERIALS. MAINTAIN PORTABLE FIRE SUPPRESSION DEVICES DURING FLAME-CUTTING OPERATIONS.
6. UTILITY SERVICES: MAINTAIN EXISTING UTILITIES (M.E.P.) TO REMAIN IN SERVICE AND PROTECT THEM DURING DEMOLITION OPERATIONS. G.C. SHALL IMMEDIATELY REPAIR/REPLACE DAMAGED UTILITIES, ASSEMBLIES, EQUIPMENT, COMPONENTS, ETC. AT HIS/HER OWN EXPENSE.
  - A. DO NOT INTERRUPT UTILITIES SERVING OCCUPIED OR USED FACILITIES, EXCEPT WHEN AUTHORIZED IN WRITING BY AUTHORITIES HAVING JURISDICTION. PROVIDE TEMPORARY SERVICES DURING INTERRUPTIONS TO EXISTING UTILITIES, AS ACCEPTABLE TO GOVERNING AUTHORITIES.
  - B. MAINTAIN FIRE PROTECTION SERVICES DURING SELECTIVE DEMOLITION OPERATIONS.

**PREPARATION**

1. GENERAL: PROVIDE INTERIOR AND EXTERIOR SHORING, BRACING, OR SUPPORT TO PREVENT MOVEMENT, SETTLEMENT, OR COLLAPSE OF AREAS TO BE DEMOLISHED AND ADJACENT FACILITIES TO REMAIN.
  - A. CEASE OPERATIONS AND NOTIFY OWNER'S REPRESENTATIVE IMMEDIATELY IF SAFETY OF STRUCTURE APPEARS TO BE ENDANGERED. TAKE PRECAUTIONS TO SUPPORT STRUCTURE UNTIL DETERMINATION IS MADE FOR CONTINUING OPERATIONS.

**DEMOLITION**

1. GENERAL: PERFORM SELECTIVE DEMOLITION WORK IN A SYSTEMATIC MANNER. USE SUCH METHODS AS REQUIRED TO COMPLETE WORK INDICATED ON DRAWINGS IN ACCORDANCE WITH DEMOLITION SCHEDULE AND GOVERNING REGULATIONS.
  - A. LOCATE DEMOLITION EQUIPMENT THROUGHOUT STRUCTURE & PROMPTLY REMOVE DEBRIS TO AVOID IMPOSING EXCESSIVE LOADS ON SUPPORTING WALLS, FLOORS, OR FRAMING.
  - B. PROVIDE SERVICES FOR EFFECTIVE AIR AND WATER POLLUTION CONTROLS AS REQUIRED BY LOCAL AUTHORITIES HAVING JURISDICTION.
2. IF UNANTICIPATED MECHANICAL, ELECTRICAL, OR STRUCTURAL ELEMENTS THAT CONFLICT WITH INTENDED FUNCTION OR DESIGN ARE ENCOUNTERED, INVESTIGATE AND MEASURE BOTH NATURE AND EXTENT OF THE CONFLICT. SUBMIT REPORT TO OWNER'S REPRESENTATIVE IN WRITTEN, ACCURATE DETAIL. PENDING RECEIPT OF DIRECTIVE FROM OWNER'S REPRESENTATIVE, REARRANGE SELECTIVE DEMOLITION SCHEDULE AS NECESSARY TO CONTINUE OVERALL JOB PROGRESS WITHOUT UNDUE DELAY.

**DISPOSAL OF DEMOLISHED MATERIALS**

- GENERAL: DAILY REMOVAL AND DISPOSAL FROM BUILDING MATERIALS RESULTING FROM DEMOLITION OPERATIONS. TRANSPORT AND LEGALLY DISPOSE OFF SITE.
- A. IF HAZARDOUS MATERIALS ARE ENCOUNTERED DURING DEMOLITION OPERATIONS, COMPLY WITH APPLICABLE REGULATIONS, LAWS, AND ORDINANCES CONCERNING REMOVAL, HANDLING, AND PROTECTION AGAINST EXPOSURE OR ENVIRONMENTAL POLLUTION.
  - B. BURNING OF REMOVED MATERIALS IS NOT PERMITTED ON PROJECT SITE.

**CLEANUP/DAMAGES AND REPAIR**

- GENERAL: DURING DEMOLITION WORK, G.C./GLAZING/CURTAIN WALL CONTRACTOR SHALL REMOVE TOOLS, EQUIPMENT, AND DEMOLISHED MATERIALS FROM SITE. REMOVE PROTECTIONS AND LEAVE AREAS BROOM CLEAN.
- A. REPAIR DEMOLITION PERFORMED IN EXCESS OF THAT REQUIRED. RETURN ELEMENTS OF CONSTRUCTION AND SURFACES TO REMAIN TO CONDITION EXISTING PRIOR TO START OPERATIONS. REPAIR ADJACENT CONSTRUCTION OR WORK. SURFACES SOILED OR DAMAGED BY SELECTIVE DEMOLITION.

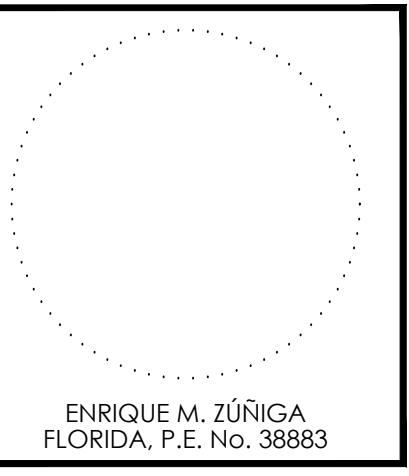
**CODE COMPLIANCE**

ALL DEMOLITIONS SHALL COMPLY WITH FLORIDA BUILDING CODE 2020 CHAPTER 34-EXISTING BUILDING AND STRUCTURE.

**ASBESTOS CONTAINING MATERIALS NOTE:**

ALL REMOVAL OF CATEGORY I ASBESTOS CONTAINING MATERIALS SHALL BE DONE BY A FLORIDA LICENSED ASBESTOS ABATEMENT CONTRACTOR UTILIZING PROPER ABATEMENT PROCEDURES PER OSHA 29 CFR PART 1926.1101, AND DOCUMENTARY AIR MONITORING TO VERIFY COMPLIANCE WITH EPA NESHAPS 40 CFR PART 61, SUBSTRACT M. G.C. SHALL REFERENCE ASBESTOS SURVEY REPORT PREPARED BY PROFESSIONAL SERVICE INDUSTRIES, INC. DATED MAY 09, 2005 (PSI PROJECT NUMBER 691-5E031.002) FOR ASBESTOS CONTAINING MATERIALS.

1 DEMOLITION NOTES  
 N.T.S.



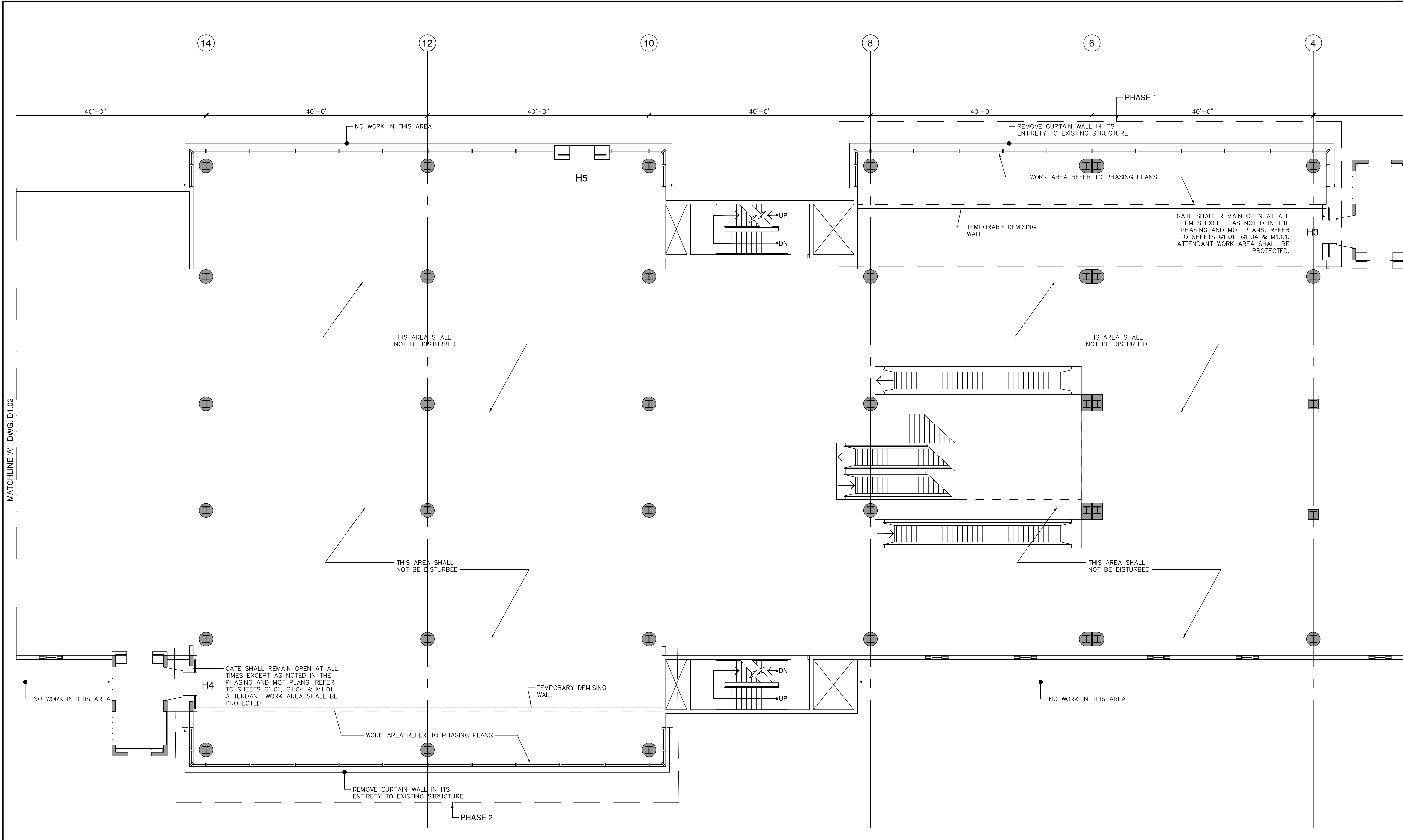
PROJECT:  
**MIA South Terminal Concourse H  
 Rehabilitation - Phase 1  
 21 MIAD CIRCLE  
 MIAMI, FLORIDA 33126**

		REVISIONS	
NO.	DATE	BY	DESCRIPTION
2	5/16/2022	CNZ	BLOG. DEPT. COMMENTS
1	3/8/2022	CNZ	BLOG. DEPT. COMMENTS

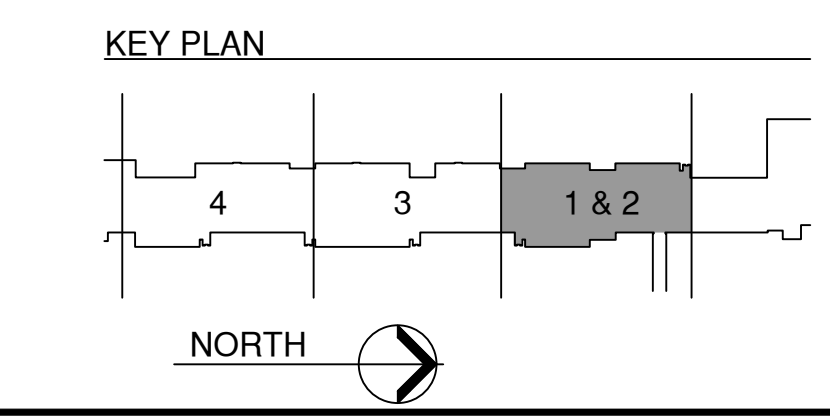
DATE:	FEBRUARY 4, 2022
SCALE:	AS SHOWN
DESIGN BY:	E.M.Z.
DRAWN BY:	C.N.Z.
REVIEWED BY:	E.M.Z.
PROJECT NO.:	18-0305.02
DRAWING TITLE:	DEMOLITION NOTES
DRAWING NO.:	D0.01
SHEET NO.:	11 OF 42

REVISIONS			
NO.	DATE	BY	DESCRIPTION
2	5/16/2022	C.N.Z.	BLOG. DEPT. COMMENTS
1	3/8/2022	C.N.Z.	BLOG. DEPT. COMMENTS

DATE:	FEBRUARY 4, 2022
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DRAWN BY:	C.N.Z.
REVIEWED BY:	E.M.Z.
PROJECT NO.:	18-0305.02
DRAWING TITLE:	DEMOLITION PLAN
DRAWING NO.:	D1.01
SHEET NO.:	12 OF 42



**SECOND FLOOR DEMOLITION PLAN - PHASE 1 & 2**  
 SCALE: 1/8" = 1'-0"



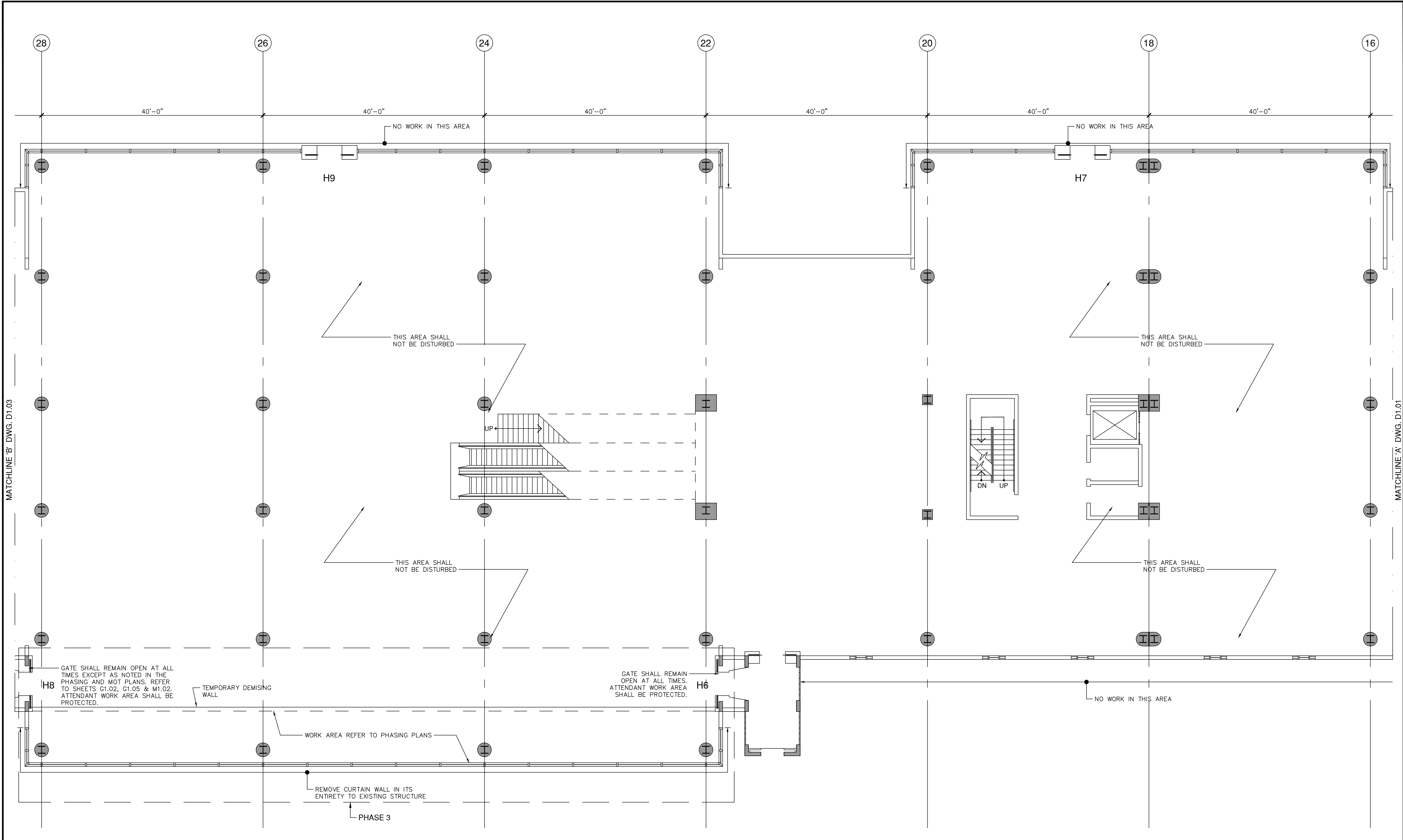
MATCHLINE A' DWG. D1.02

PLOT DATE: 1/18/2023  
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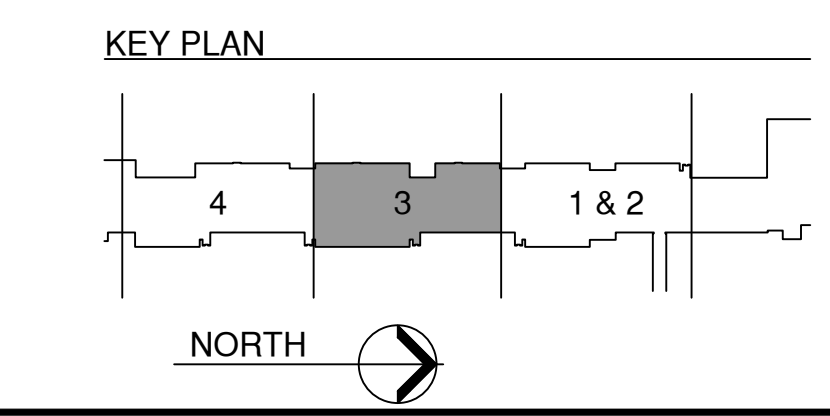
PROJECT:

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NO.	DATE	BY	DESCRIPTION
2	5/6/2022	CNZ	BLOG. DEPT. COMMENTS
1	3/8/2022	CNZ	BLOG. DEPT. COMMENTS

DATE:	FEBRUARY 4, 2022
SCALE:	AS SHOWN
DESIGN BY:	E.M.Z.
DRAWN BY:	C.N.Z.
REVIEWED BY:	E.M.Z.
PROJECT NO.:	18-0305.02
DRAWING TITLE:	DEMOLITION PLAN
DRAWING NO.:	D1.02
SHEET NO.:	13 OF 42



**SECOND FLOOR DEMOLITION PLAN - PHASE 3**  
 SCALE: 1/8" = 1'-0"

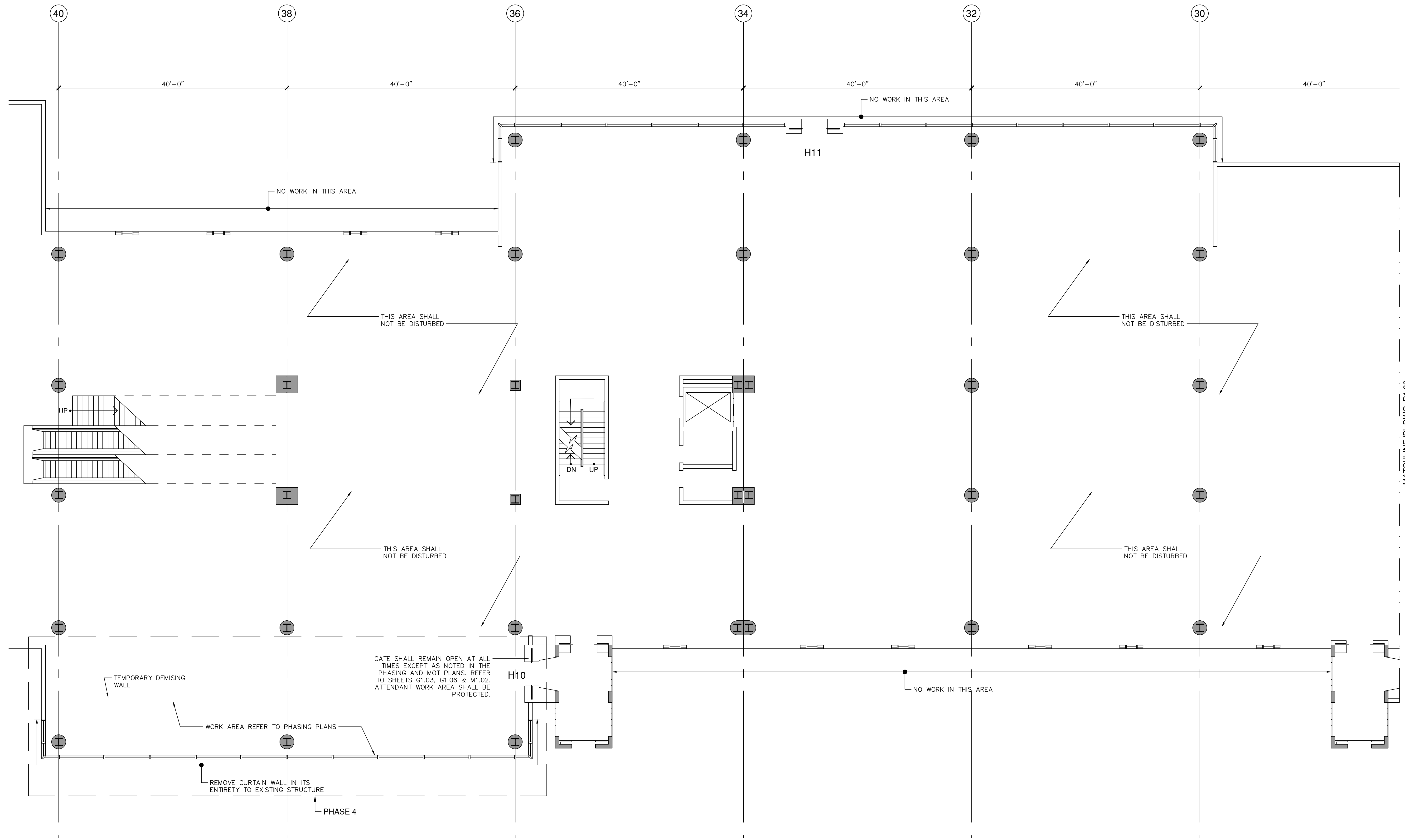


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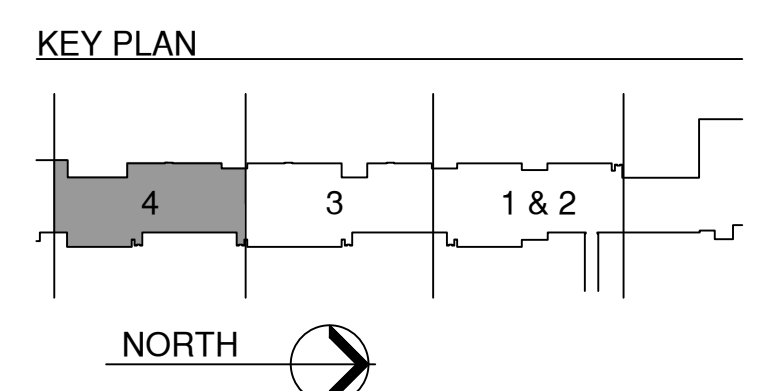
PROJECT:

REVISIONS			
NO.	DATE	BY	DESCRIPTION
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1	3/8/2022	CNZ	BLOG. DEPT. COMMENTS

DATE:	FEBRUARY 4, 2022
SCALE:	AS SHOWN
DESIGN BY:	E.M.Z.
DRAWN BY:	C.N.Z.
REVIEWED BY:	E.M.Z.
PROJECT NO.:	18-0305.02
DRAWING TITLE:	DEMOLITION PLAN
DRAWING NO.:	<b>D1.03</b>
SHEET NO.:	14 OF 42



**SECOND FLOOR DEMOLITION PLAN - PHASE 4**  
 SCALE: 1/8" = 1'-0"

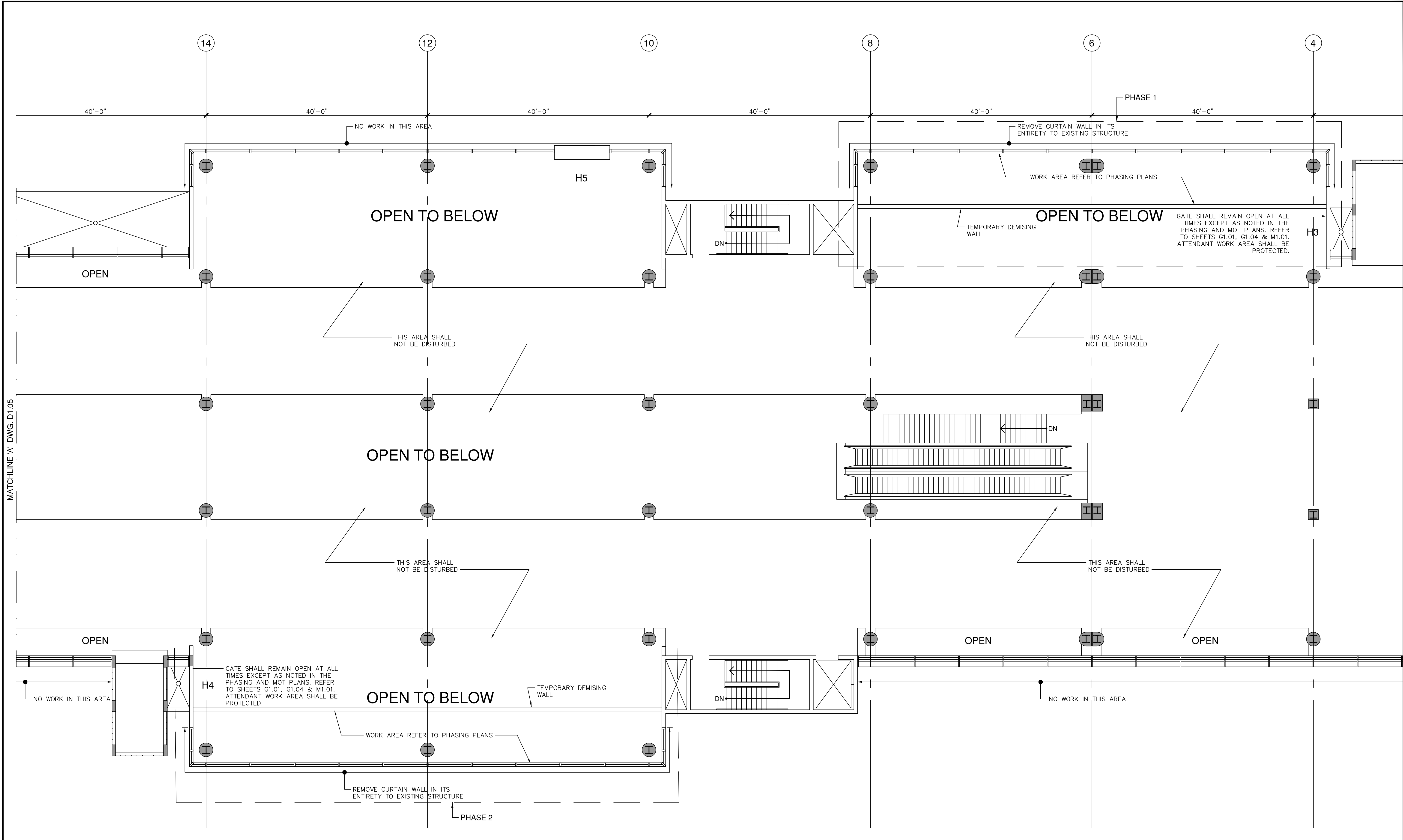


PLOT DATE: 1/18/2023  
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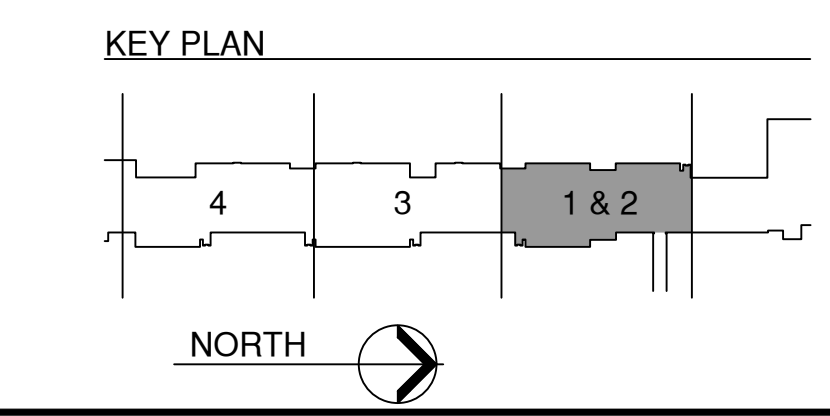
MATCHLINE 'B' - DWG. D1.02

REVISIONS				
NO.	DATE	BY	DEPT.	DESCRIPTION
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1	3/8/2022	C.N.Z.	BLOG.	COMMENTS

DATE:	FEBRUARY 4, 2022
SCALE:	AS SHOWN
DESIGN BY:	E.M.Z.
DRAWN BY:	C.N.Z.
REVIEWED BY:	E.M.Z.
PROJECT NO.:	18-0305.02
DRAWING TITLE:	DEMOLITION PLAN
DRAWING NO.:	D1.04
SHEET NO.:	15 OF 42



**THIRD FLOOR DEMOLITION PLAN - PHASE 1 & 2**  
 SCALE: 1/8" = 1'-0"

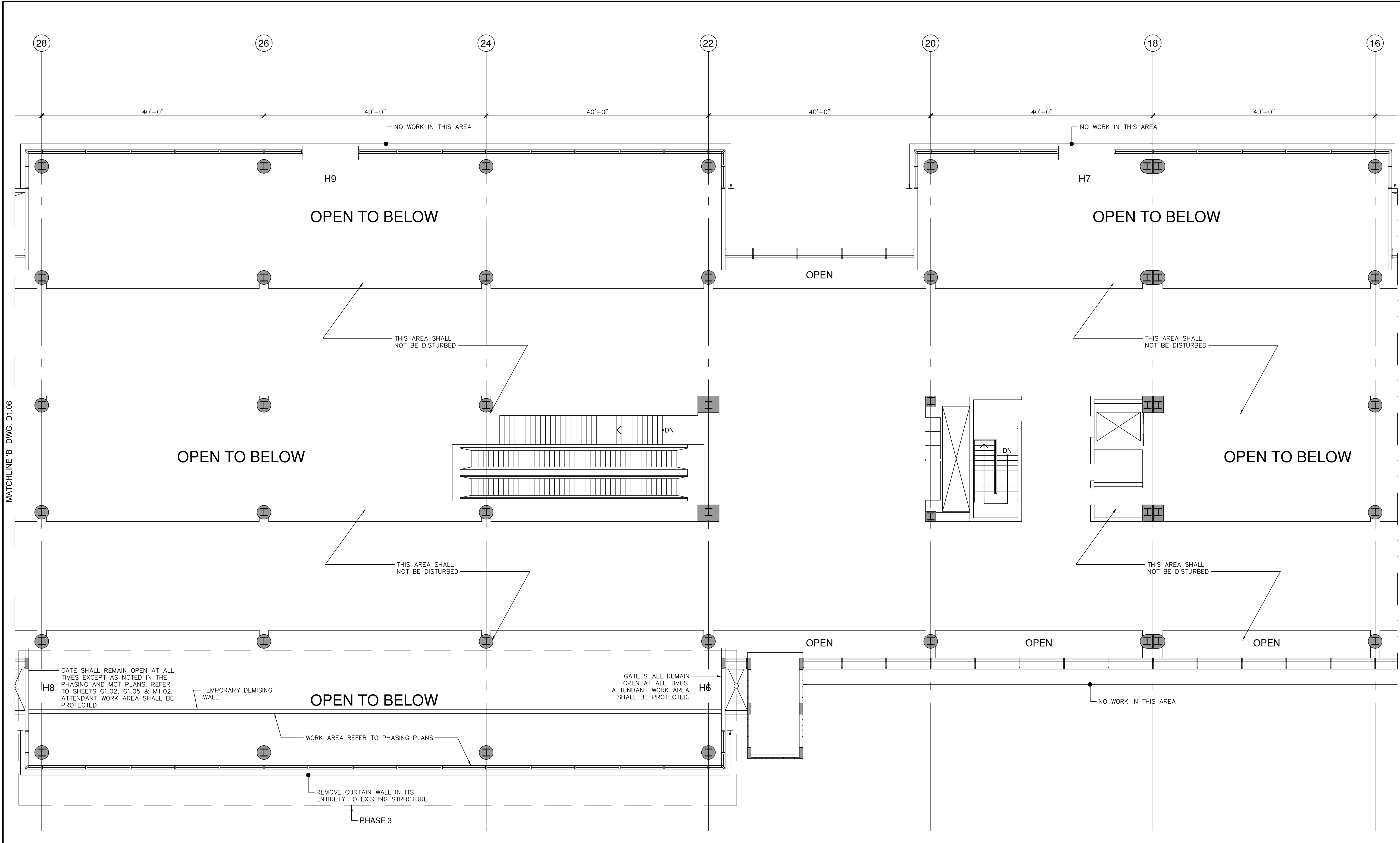


PLOT DATE: 1/18/2023  
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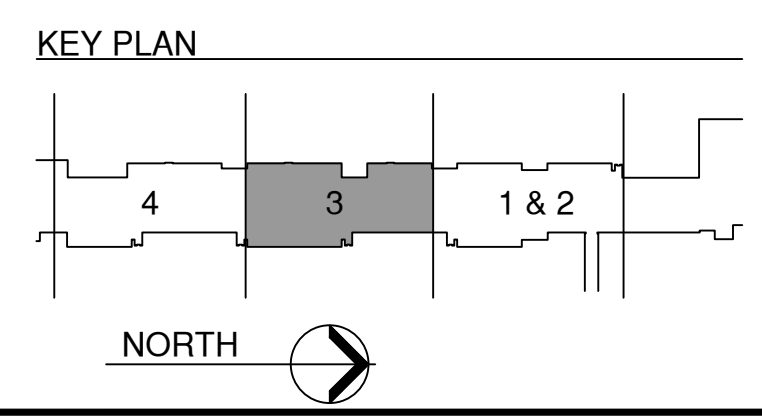
MATCHLINE 'A' DWG. D1.05

REVISIONS			
NO.	DATE	BY	DESCRIPTION
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1	3/8/2022	CNZ	BLOG. DEPT. COMMENTS

DATE:	FEBRUARY 4, 2022
SCALE:	AS SHOWN
DESIGN BY:	E.M.Z.
DRAWN BY:	C.N.Z.
REVIEWED BY:	E.M.Z.
PROJECT NO.:	18-0305.02
DRAWING TITLE:	DEMOLITION PLAN
DRAWING NO.:	D1.05
SHEET NO.:	16 OF 42



**THIRD FLOOR DEMOLITION PLAN - PHASE 3**  
 SCALE: 1/8" = 1'-0"



MATCHLINE 'B' DWG. D1.06

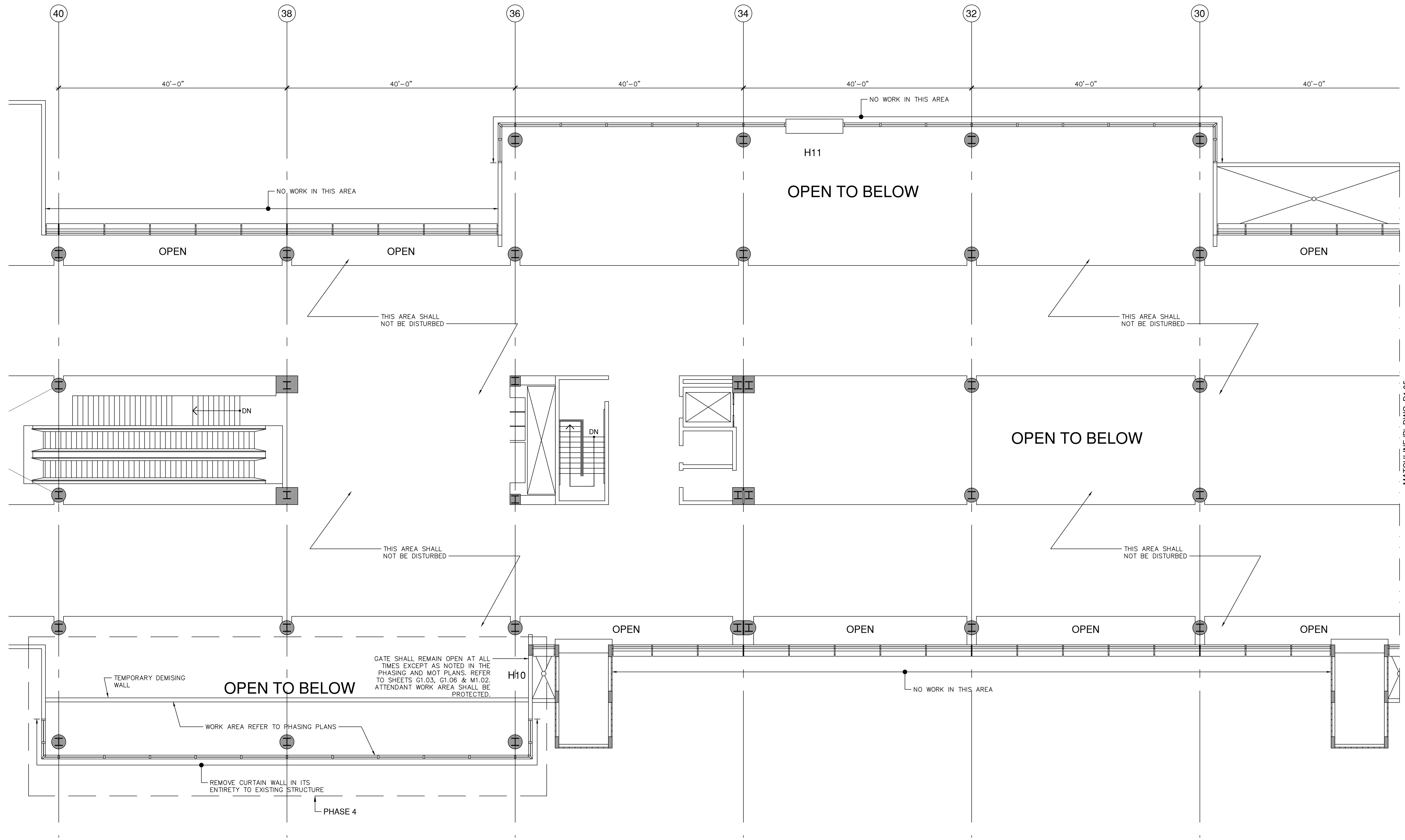
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PLOT DATE: 1/8/2023  
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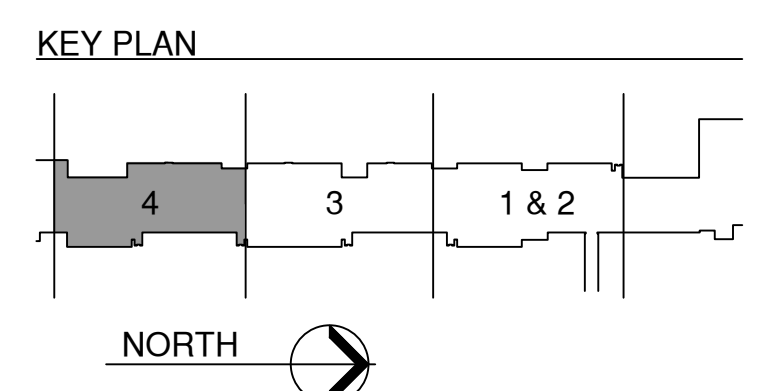


REVISIONS			
NO.	DATE	BY	DESCRIPTION
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1	3/8/2022	CNZ	BLOG. DEPT. COMMENTS

DATE:	FEBRUARY 4, 2022
SCALE:	AS SHOWN
DESIGN BY:	E.M.Z.
DRAWN BY:	C.N.Z.
REVIEWED BY:	E.M.Z.
PROJECT NO.:	18-0305.02
DRAWING TITLE:	DEMOLITION PLAN
DRAWING NO.:	D1.06
SHEET NO.:	17 OF 42



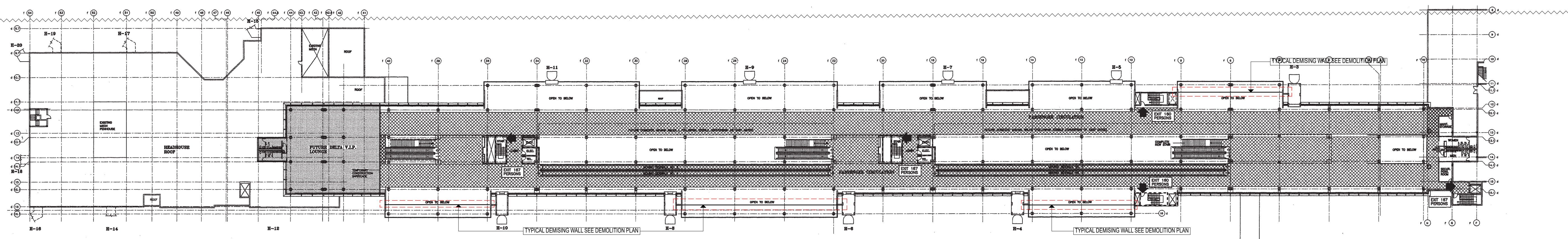
**THIRD FLOOR DEMOLITION PLAN - PHASE 4**  
 SCALE: 1/8" = 1'-0"



PLOT DATE: 1/18/2023  
 \Projects\18 - 0305.02 - MIA Glazing Concourse H\1-ACAD\Sheet set

NO.	DATE	BY	DESCRIPTION
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1	5/6/2022	RM	Building department comments

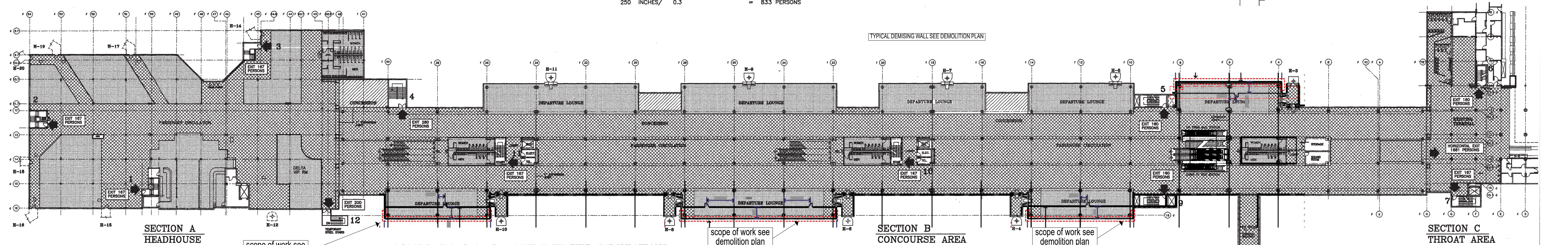
DATE:	FEBRUARY 4, 2022
SCALE:	AS SHOWN
DESIGN BY:	BL
DRAWN BY:	RM
REVIEWED BY:	BL
PROJECT NO.:	201805
Referenced Existing Life Safety Plan	
DRAWING NO.:	A-1
SHEET NO.	18 OF 42



**THIRD FLOOR LOAD OCCUPANCY EXIT CALCULATIONS**

CIRCULATION:	39,120 GSF / 100 = 391 PERSONS	STAIRWAY CAPACITY PROVIDED	= 52 INCHES
VIP LOUNGE:	5,813 GSF / 015 = 394 PERSONS	1 STAIR AT 52 INCHES	= 48 INCHES
TOTAL NUMBER OF PERSONS TO STAIRS	= 785 PERSONS	3 STAIR AT 50 INCHES	= 150 INCHES
		TOTAL	252 INCHES
		250 INCHES / 0.3	= 833 PERSONS

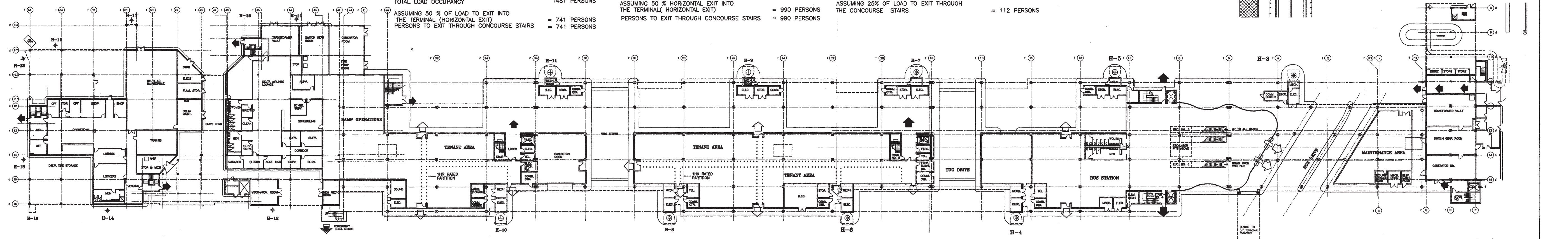
THIRD FLOOR PLAN



**SECOND FLOOR LOAD OCCUPANCY EXIT CALCULATIONS**

<b>SECTION A HEADHOUSE AREA</b>		<b>SECTION B CONCOURSE AREA</b>		<b>SECTION C TERMINAL THROAT AREA</b>		<b>TOTAL LOAD OCCUPANCY:</b> SECTION A - 741 PERSONS SECTION B - 990 PERSONS SECTION C - 112 PERSONS 1843 PERSONS TO EXIT VIA CONCOURSE
CIRCULATION AREA	12,867 S.F. / 100 = 129	CIRCULATION AREA	57,415 S.F. / 100 = 574	GREETER'S LOBBY	4,220 S.F. / 15 = 281	
RESTAURANT / BAR	3,180 S.F. / 15 = 212	SEATING AREA	17,577 S.F. / 15 = 1172	BAR / LOUNGE	1,000 S.F. / 15 = 67	
SEATING AREAS	13,468 S.F. / 15 = 898	TOILET AREAS	2,990 S.F. / 15 = 173	TOILET AREA	1,160 S.F. / 15 = 77	
INTERIM CROWD ROOM	1,680 S.F. / 15 = 112	FIXTURE UNITS	60 F.U. / 1 = 60	FIXTURE UNITS	24 F.U. / 1 = 24	
TOILET AREAS	1,360 S.F. / 15 = 91					
FIXTURE UNITS	39 F.U. / 1 = 39					
<b>TOTAL LOAD OCCUPANCY</b>	<b>1481 PERSONS</b>	<b>TOTAL LOAD OCCUPANCY</b>	<b>1979 PERSONS</b>	<b>TOTAL LOAD OCCUPANCY</b>	<b>449 PERSONS</b>	
ASSUMING 50% OF LOAD TO EXIT INTO THE TERMINAL (HORIZONTAL EXIT)	= 741 PERSONS	ASSUMING 50% HORIZONTAL EXIT INTO THE TERMINAL (HORIZONTAL EXIT)	= 990 PERSONS	ASSUMING 25% OF LOAD TO EXIT THROUGH THE CONCOURSE STAIRS	= 112 PERSONS	
PERSONS TO EXIT THROUGH CONCOURSE STAIRS	= 741 PERSONS	PERSONS TO EXIT THROUGH CONCOURSE STAIRS	= 990 PERSONS			

SECOND FLOOR PLAN



GROUND FLOOR PLAN

MAXIMUM TRAVEL DISTANCES & DEAD-END LIMITS:  
 NFPA APPENDIX A, CH.5, TABLE A-5-6.1; SFBC TABLE 31-A

OCCUPANCY	TRAVEL DISTANCE	DEAD-END LIMITS	CODE
UNSPRINKLERED	200 FT.	200 FT.	NFPA, SFBC
BUSINESS	200 FT.	300 FT.	NFPA, SFBC
STORAGE	200 FT.	400 FT.	SFBC, (NFPA-N/R)

OCCUPANCY	DEAD-END LIMITS	CODE
ASSEMBLY	20 FT.	NFPA, SFBC
BUSINESS	20 FT.	NFPA, SFBC
STORAGE	N/R	NFPA, SFBC

**LEGEND:**

- MAIN MEANS OF EGRESS FROM UPPER CONCOURSE LEVELS (2nd & 3rd FLRS.)
- MEANS OF EGRESS FROM GROUND FLOOR FACILITIES
- TEMPORARY MEANS OF EGRESS
- WAITING AREAS / ASSEMBLY: 1 PERSON / 15 SQ. FT.
- CIRCULATION / CONCOURSE: 1 PERSON / 100 SQ. FT.

**NOTES:**  
 1. OCCUPANT LOADS CALCULATED ARE BASED ON SUGGESTED LOAD FACTORS BY N.F.P.A. & S.F.B.C.

**STAIRWAY CAPACITY**

STAIRS	WIDTH	CAPACITY
1	50	167
2	50	167
3	50	167
4	84	280
5	48	160
6	48	160
7	30	167
8	48	160
9	48	160
10	50	167
11	50	167
12 (TEMPORARY)	60	200
TOTAL	636 INCHES	2,122 PERSONS

**LIFE SAFETY FEATURES**  
 CONCOURSE H IS EQUIPPED WITH A FULLY FUNCTIONING FIRE SYSTEM AT ALL LEVELS. IT HAS A FIRE ALARM SYSTEM WHICH REPORTS DIRECTLY TO THE AIRPORT'S OPERATION CONTROL ROOM. BUILDING IS DESIGNED WITH A 53 FOOT HIGH CEILING AT ITS CENTRAL SPINE, THAT WILL PERMIT SMOKE TO MIGRATE HIGHER UPON DETECTING SMOKE FROM ONE OF THE SMOKE DETECTORS. THE BUILDING'S SMOKE EXAC SYSTEM WILL REMOVE THE SMOKE THROUGH THE EXHAUST FANS LOCATED AT THE ROOF LEVEL. FINALLY, CONCOURSE H HAS A PUBLIC ADDRESS SYSTEM THAT IS CAPABLE OF ADVISING OCCUPANTS ON HOW TO PROCEED IN THE EVENT OF AN EMERGENCY.

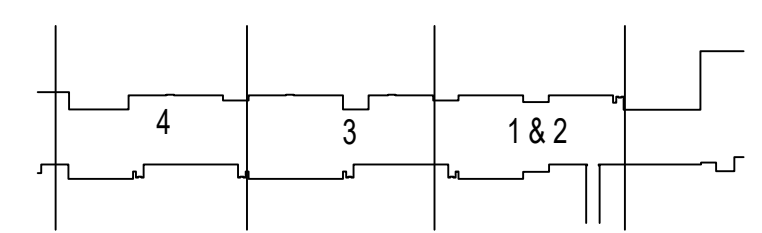
**LIFE SAFETY PLAN - PROJECT COMPLETION**

SCALE: 1/32"=1'-0"

**RECORD DRAWING**  
 THIS DRAWING CONTAINS AS-BUILT INFORMATION RECORDED IN FIELD BY CENTEX ROONEY INC. GENERAL CONTRACTORS AS MARKED ON PRINTS OF CONSTRUCTION DRAWINGS UNDER D.C.A.D. CONTRACT 9008H32-1 BY PEREZ & PEREZ ARCHITECTS PLANNERS, INC.

**FOR REFERENCE ONLY**

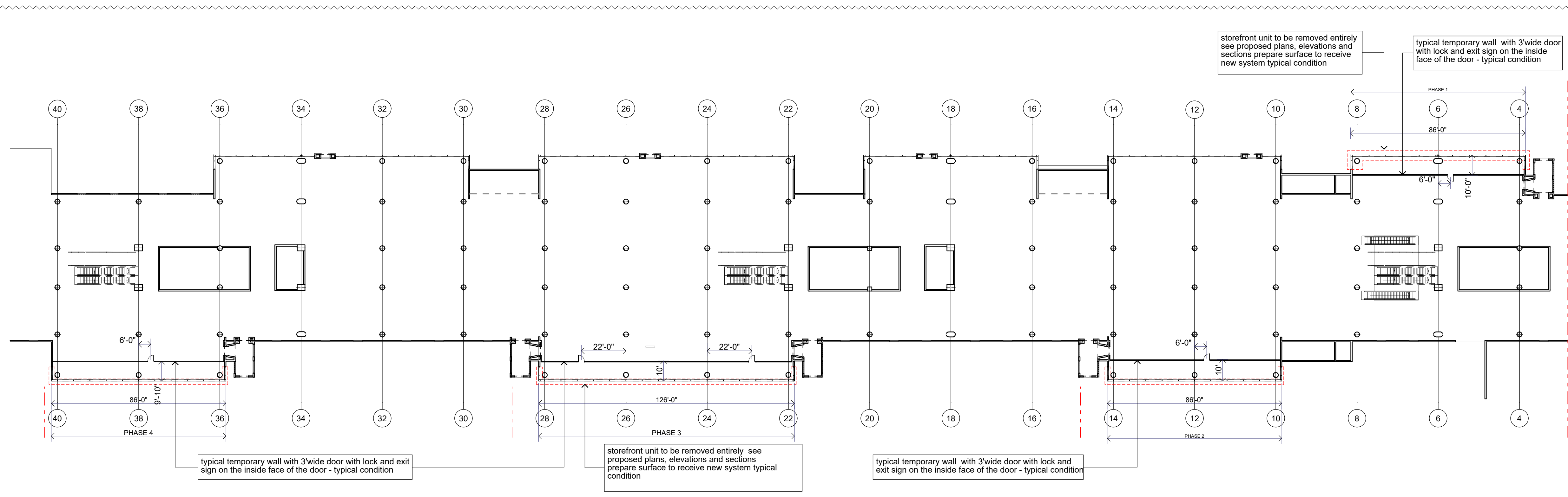
**KEY PLAN**



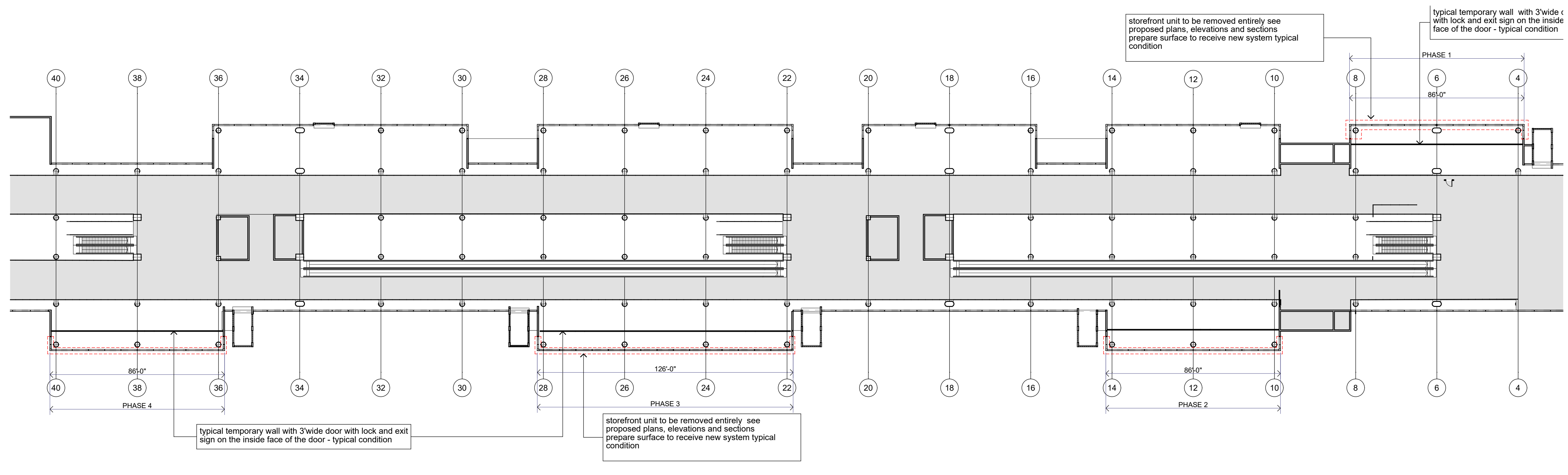
- NOTES:**
- All demolition work to comply with NFPA 43.1.1 (1) REPAIR, NFPA 1.241.51B HOT WORK PERMIT with NFPA 1.16.5.4 - FIRE SAFETY during demolition NFPA 1.16 and SAFE GUARDING CONSTRUCTION ALTERATIONS AND DEMOLITION with NFPA 1.16.4.3
  - TEMPORARY SEPARATION with walls shall comply with NFPA 16.4.2.1.
  - This work scope shall comply with the 2020 FBC Existing Building 7th Edition Alteration Level 2.
  - This work shall comply with the 1998 LIFE SAFETY MASTER PLAN FOR THE TERMINAL COMPLEX.
  - This work shall comply with the 2020 FBC for Existing Buildings and the NFPA Life Safety Code.
  - Temporary walls are not to interfere with the fire sprinkler system and/or the Fire Alarm devices.
  - In case of any damage to existing building repairs shall be done to match existing and to comply with minimum flame spread classification for interior finish as per table A10.2.2 - Walls and ceilings CLASS A - Floors CLASS I.
  - Coordinate impairment of sprinklers and fire alarm with MDAD shut down coordinator and in compliance with NFPA Life Safety Code.
  - Construction barriers or temporary walls shall not block existing exit signs

REVISIONS		DESCRIPTION
NO.	DATE	BY
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1	5/6/2022	RM

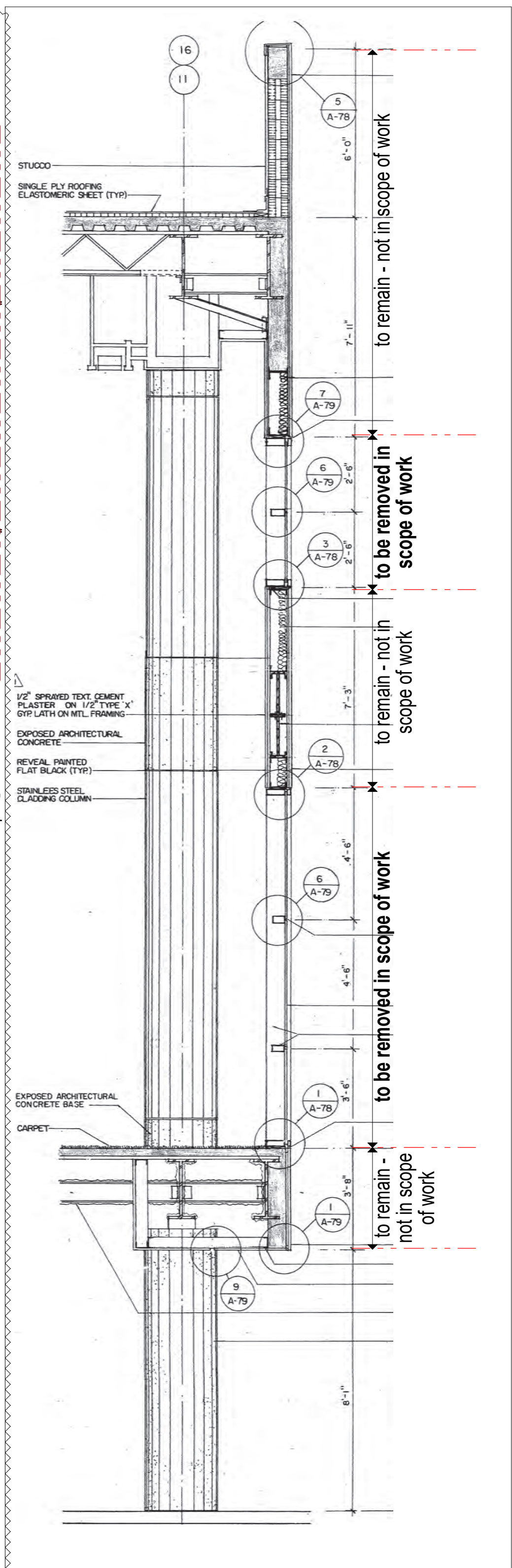
DATE:	FEBRUARY 4, 2022
SCALE:	AS SHOWN
DESIGN BY:	BL
DRAWN BY:	RM
REVIEWED BY:	BL
PROJECT NO.:	201805
Demolition Plan	
DRAWING NO.:	A-2
SHEET NO.:	19 OF 42



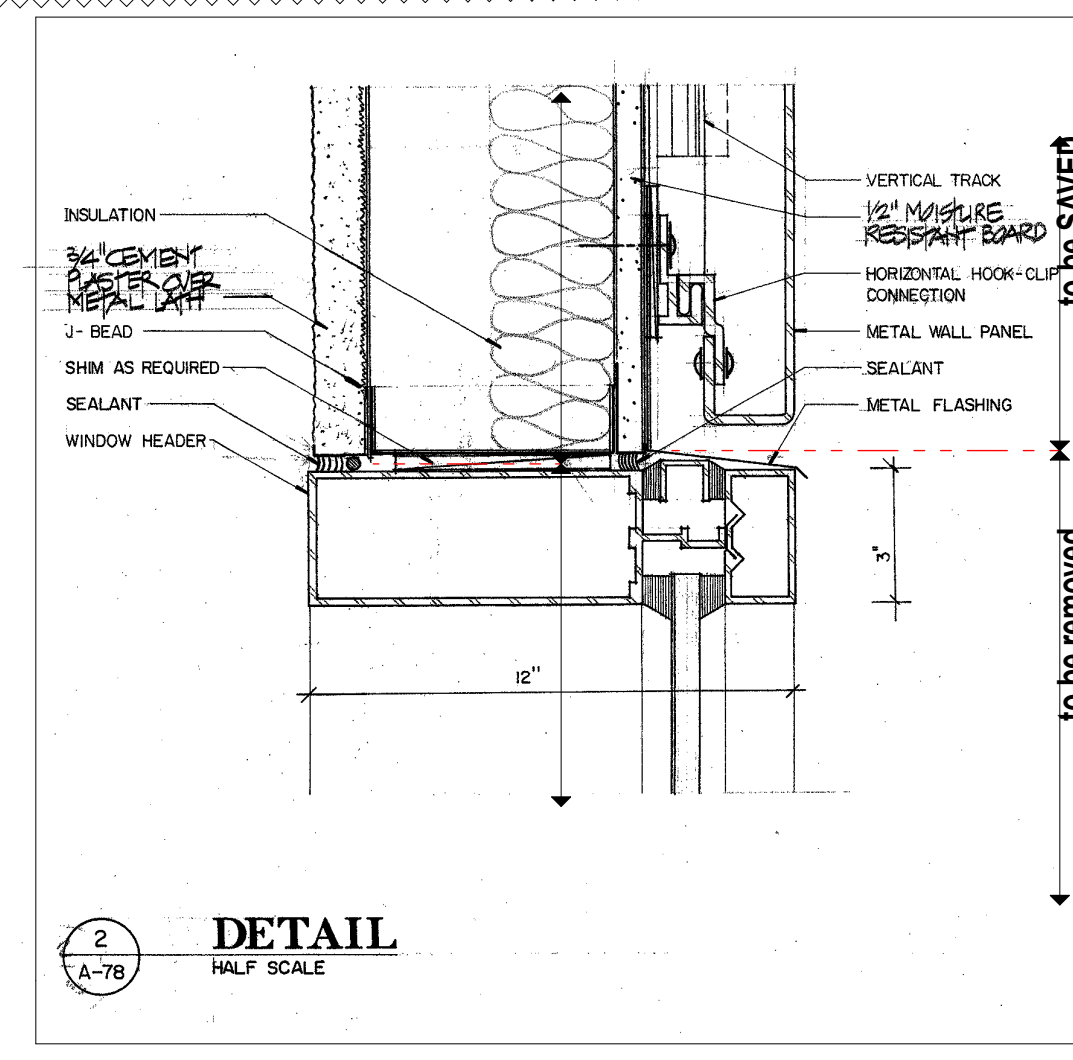
Demolition Second Floor 1" = 30'



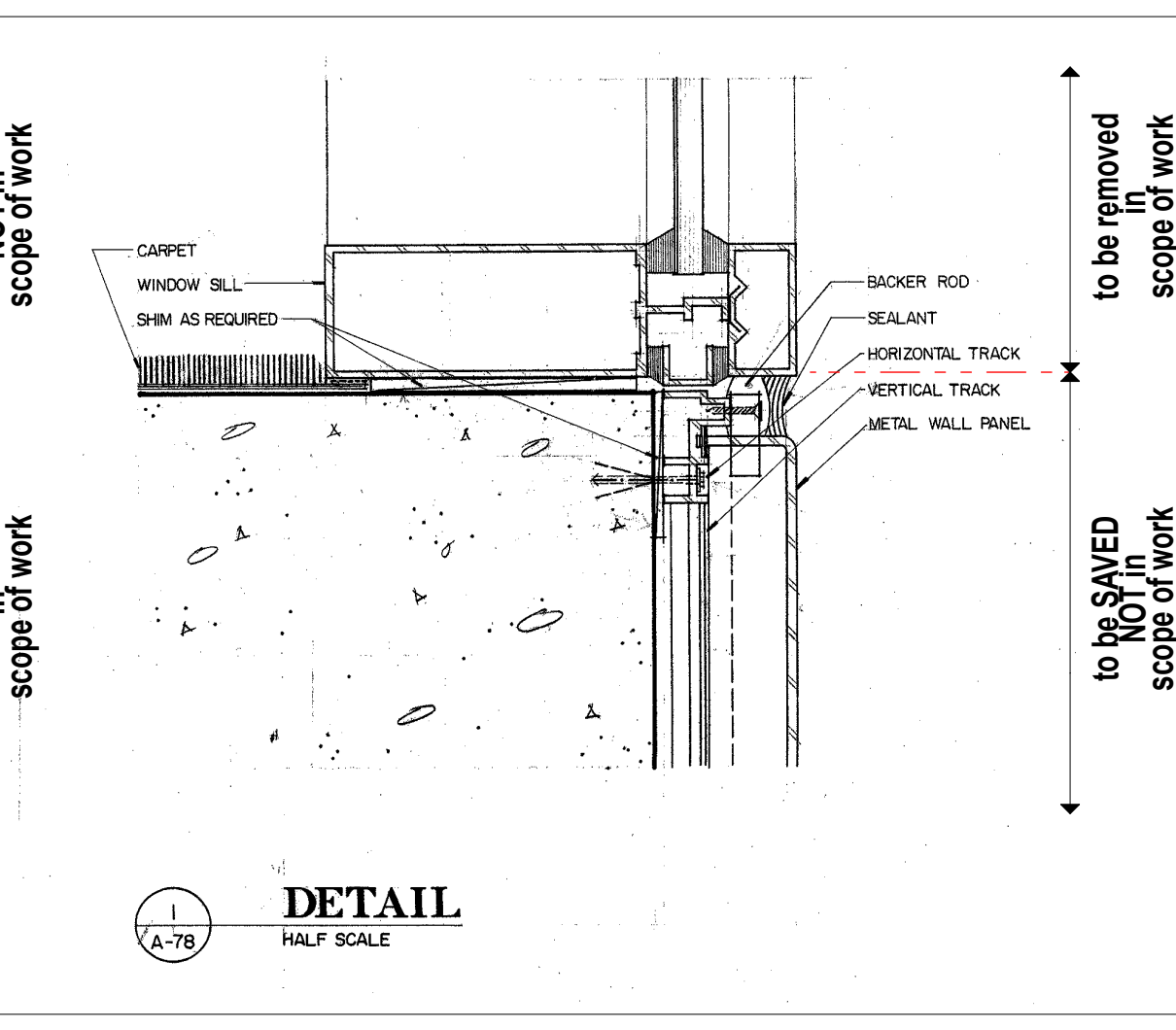
Demolition Third Floor 1" = 30'



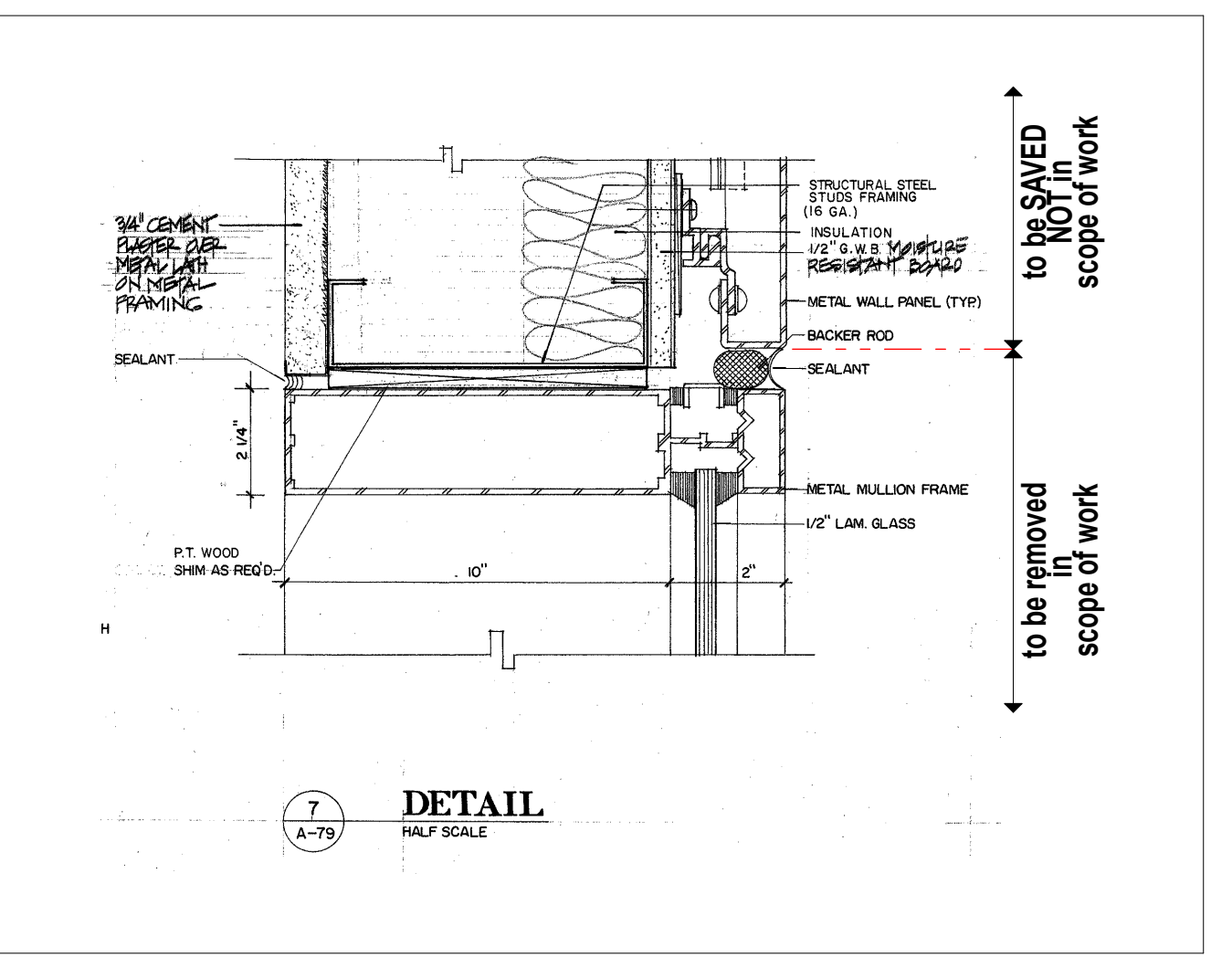
Existing Section 1" = 30'



2 DETAIL HALF SCALE A-78

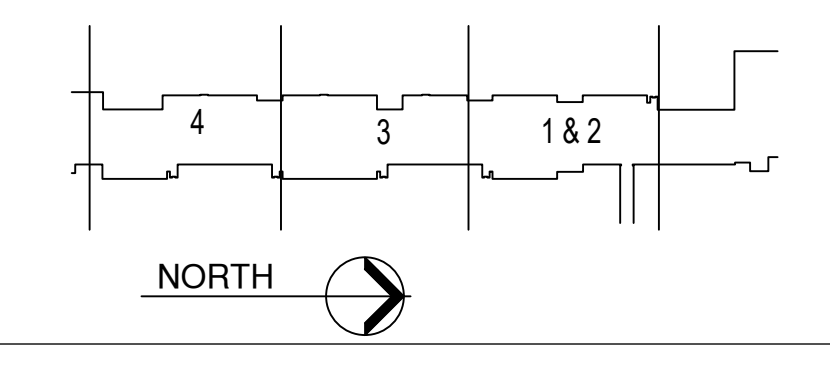


1 DETAIL HALF SCALE A-78



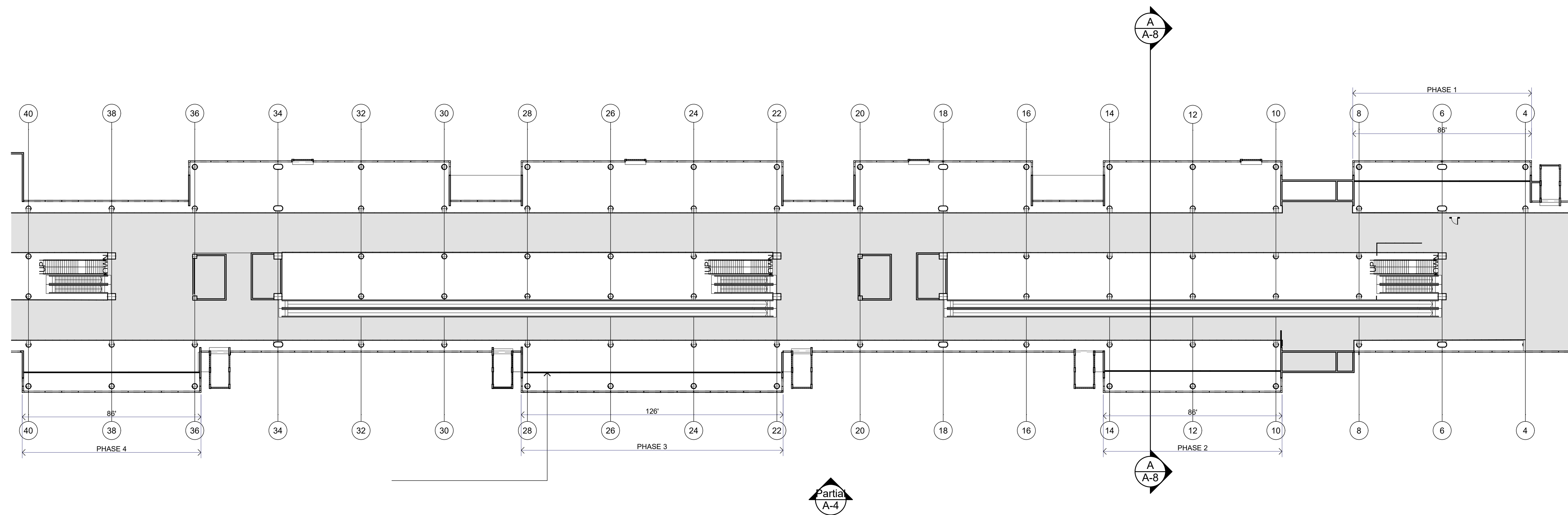
7 DETAIL HALF SCALE A-79

- NOTES:
- All demolition work to comply with NFPA 43.1.1 (1) REPAIR, NFPA 1.241.51B HOT WORK PERMIT with NFPA 1.16.5.4 - FIRE SAFETY during demolition NFPA 1.16 and SAFE GUARDING CONSTRUCTION ALTERATIONS AND DEMOLITION with NFPA 1.16.4.3
  - TEMPORARY SEPARATION with walls shall comply with NFPA 16.4.2.1.
  - This work scope shall comply with the 2020 FBC Existing Building 7th Edition Alteration Level 2.
  - This work shall comply with the 1998 LIFE SAFETY MASTER PLAN FOR THE TERMINAL COMPLEX.
  - This work shall comply with the 2020 FBC for Existing Buildings and the NFPA Life Safety Code.
  - Temporary walls are not to interfere with the fire sprinkler system and/or the Fire Alarm devices.
  - In case of any damage to existing building repairs shall be done to match existing and to comply with minimum flame spread classification for interior finish as per table A10.2.2 -Walls and ceilings CLASS A - Floors CLASS I.
  - Coordinate impairment of sprinklers and fire alarm with MDAD shut down coordinator and in compliance with NFPA Life Safety Code.
  - Construction barriers or temporary walls shall not block existing exit signs



NO.	DATE	BY	DESCRIPTION
2	5/6/2022	CNZ	BLDG. DEPT. COMMENTS
1	3/8/2022	CNZ	BLDG. DEPT. COMMENTS

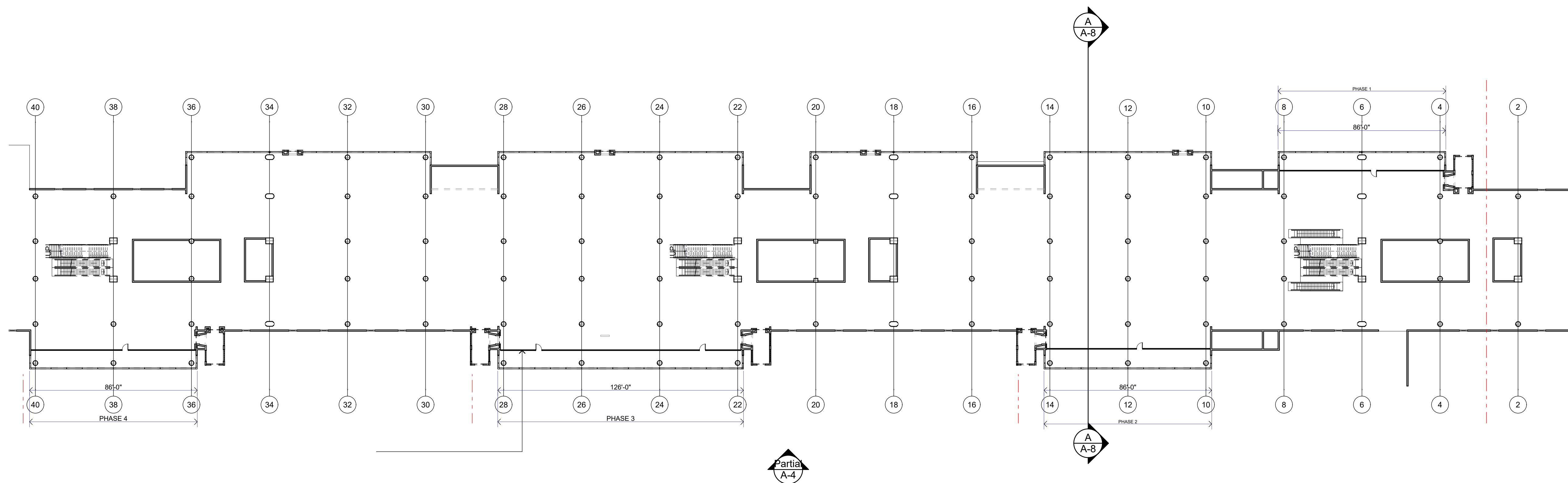
DATE:	FEBRUARY 4, 2022
SCALE:	AS SHOWN
DESIGN BY:	BL
DRAWN BY:	RM
REVIEWED BY:	BL
PROJECT NO.:	201805
	Floor Plans
DRAWING NO.:	<b>A-3</b>
SHEET NO.:	20 OF 42



Proposed

Third Floor Plan

1" = 30'

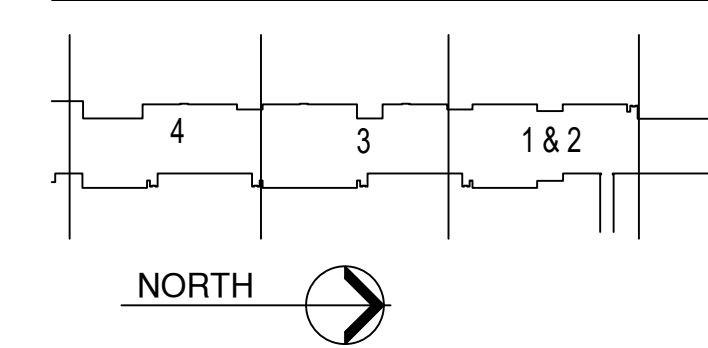


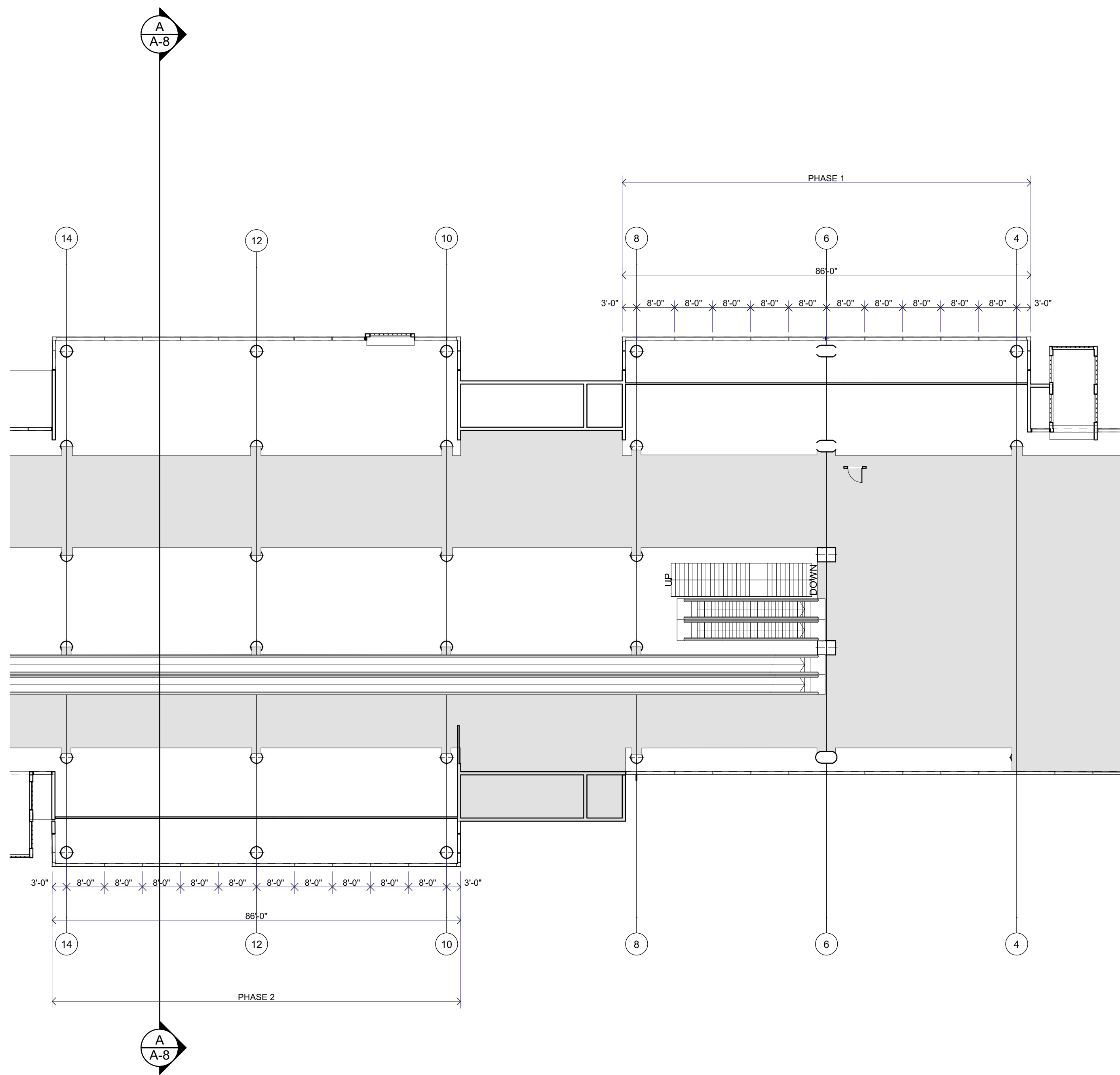
Proposed

Second Floor Plan

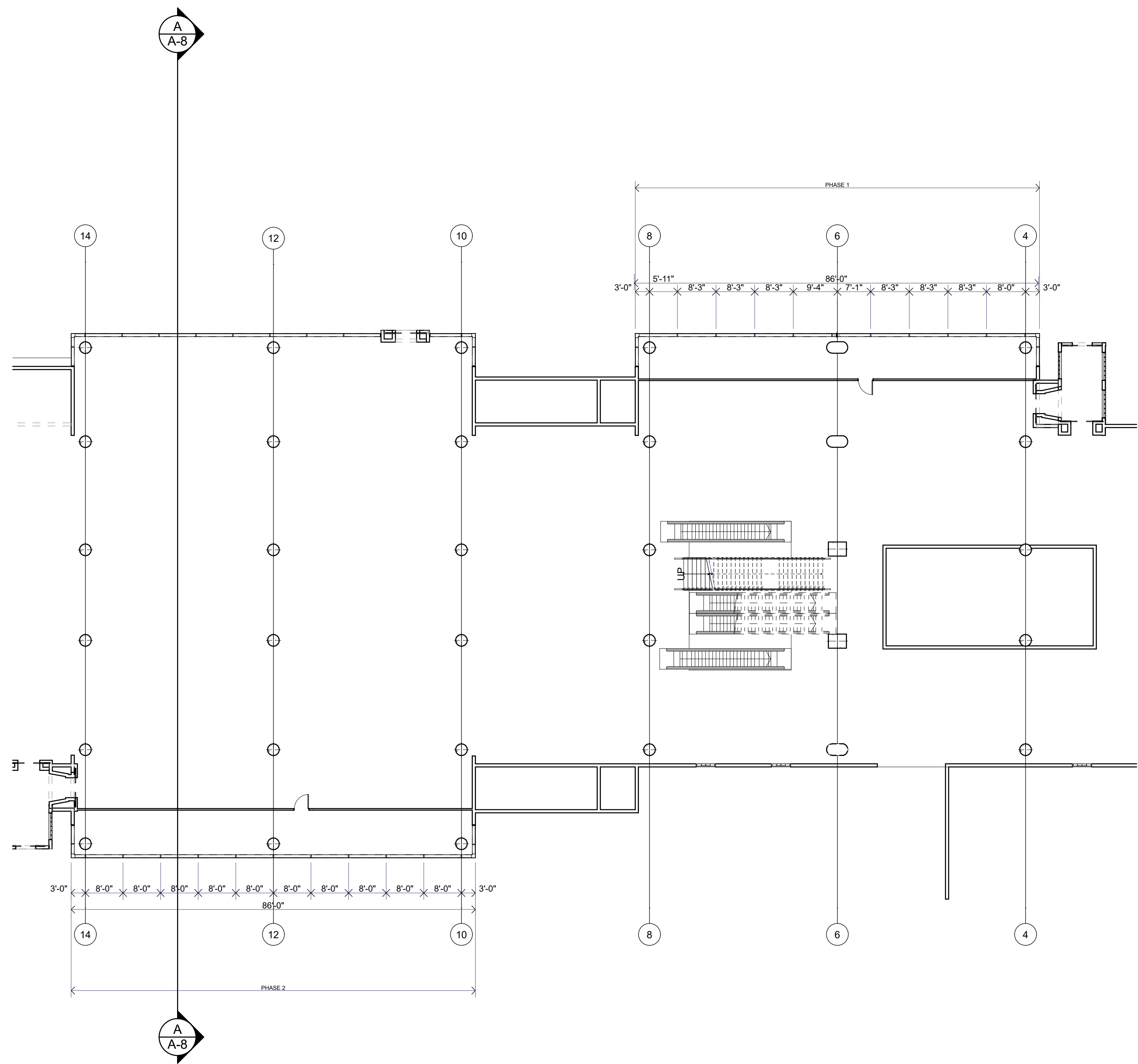
1" = 30'

KEY PLAN

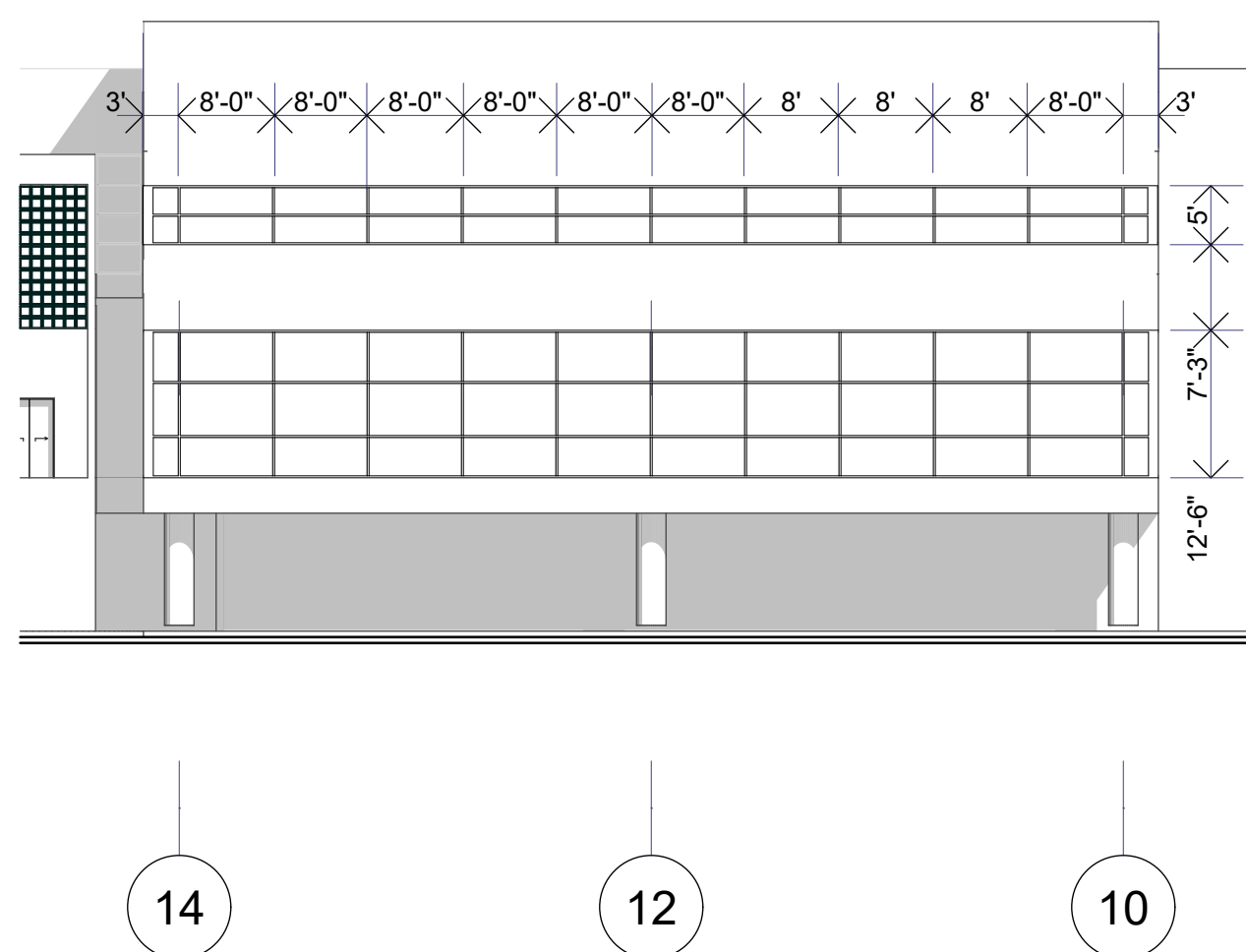




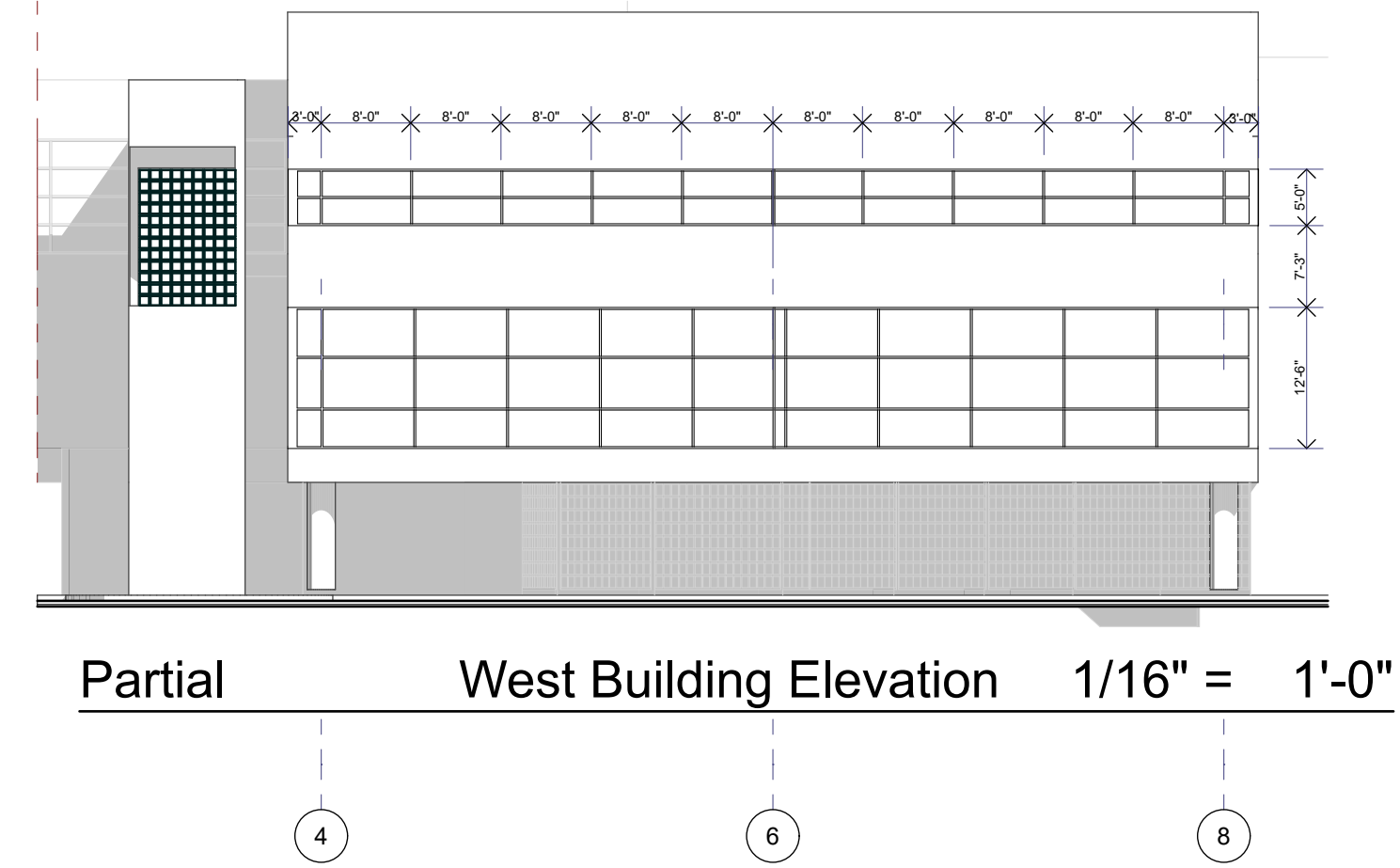
Phase 1 and 2 Third Floor Plan 1/16" = 1'-0"



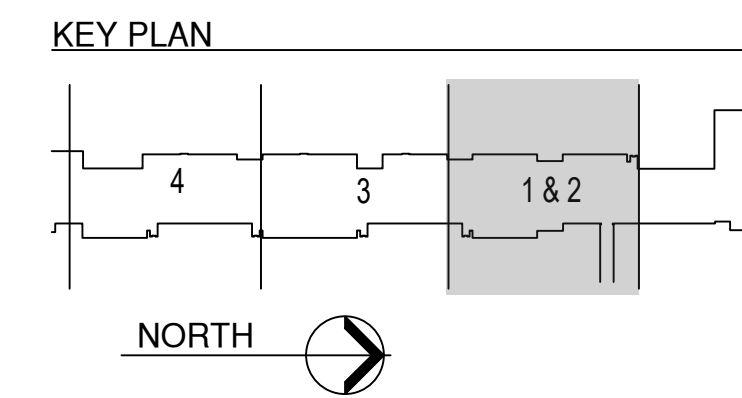
Phase 1 and 2 Second Floor Plan 1/16" = 1'-0"



Partial Building Elevation 1/16" = 1'-0"

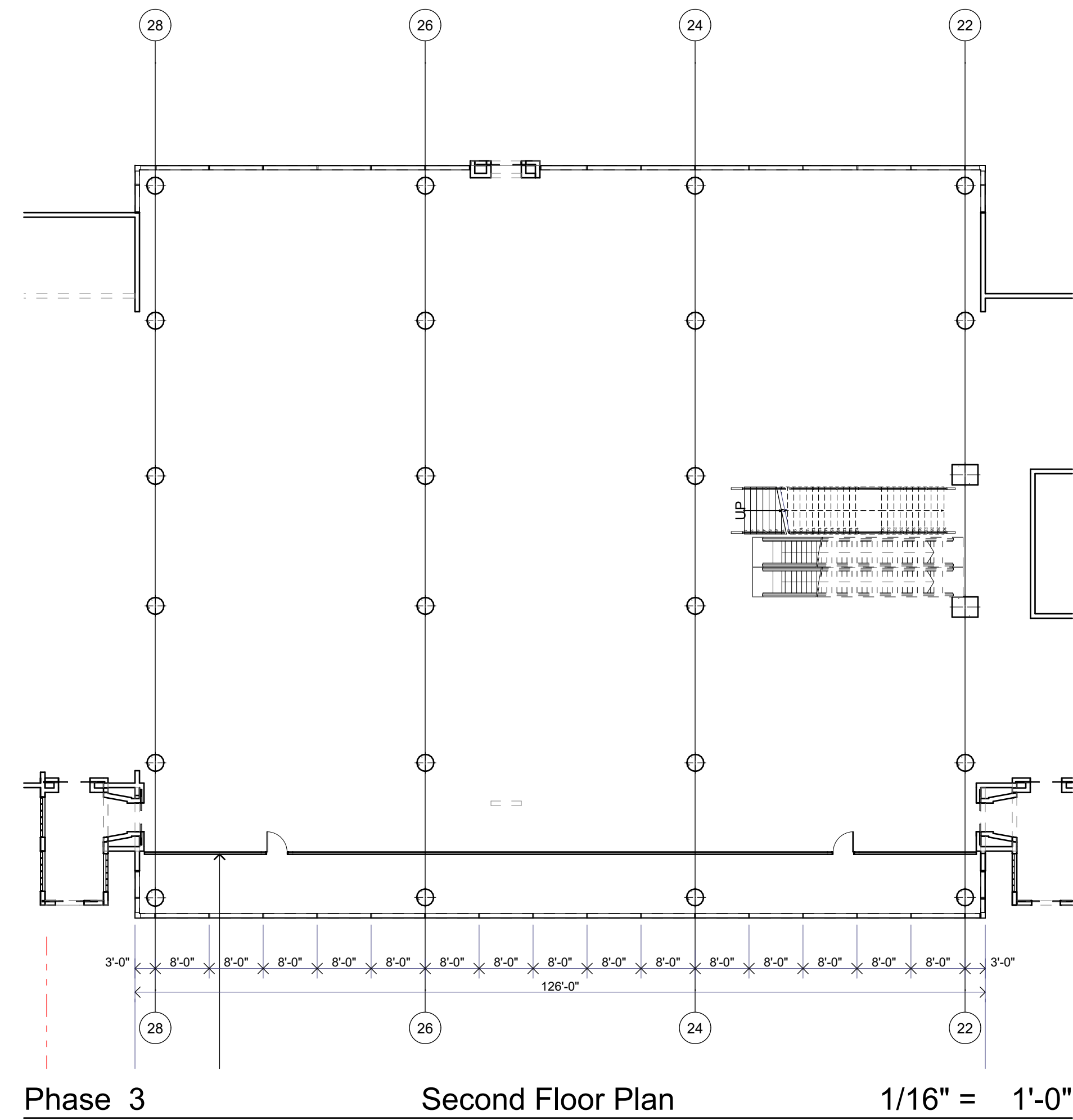


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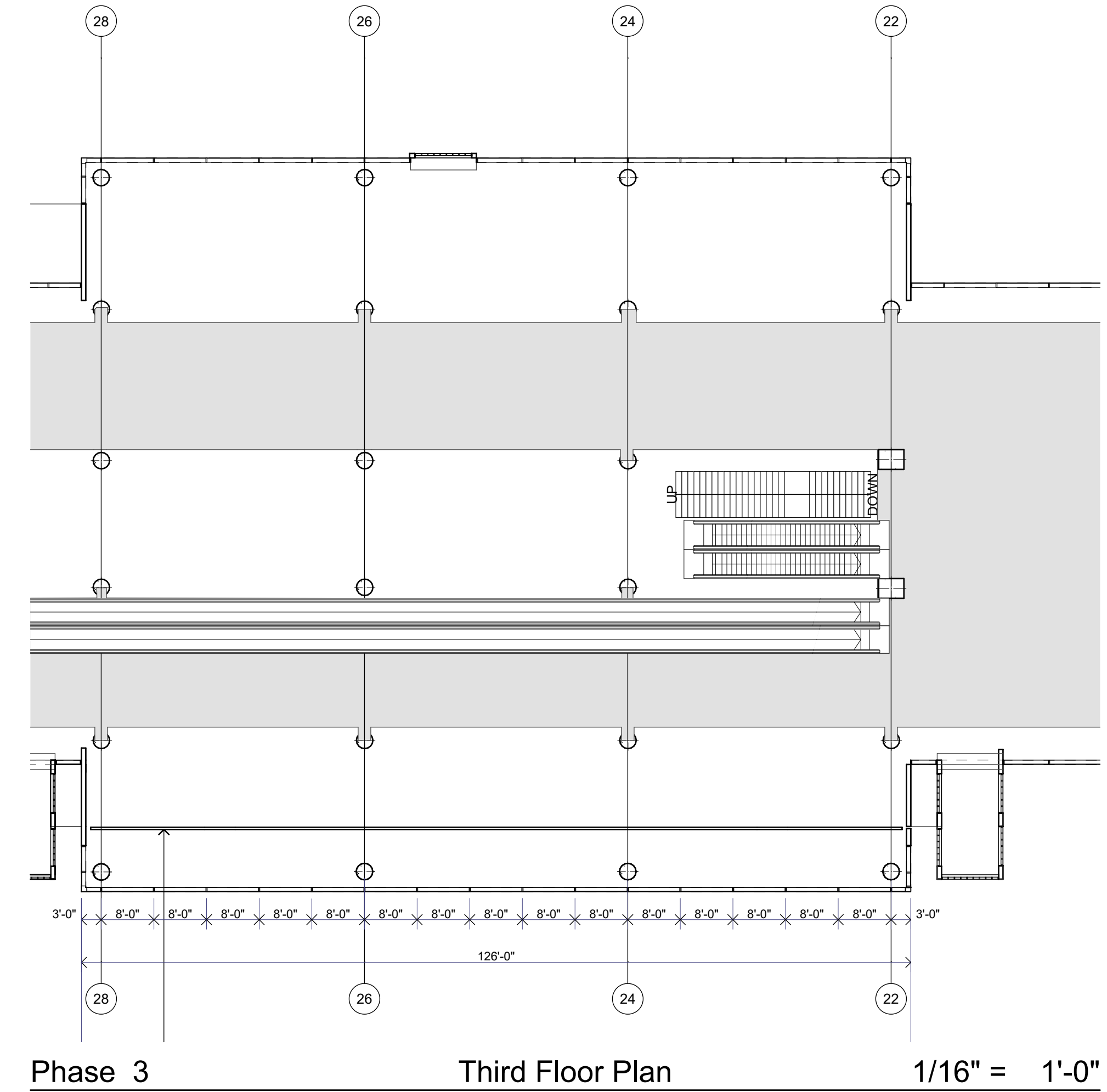


REVISIONS		DESCRIPTION
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1	3/8/2022	ONZ

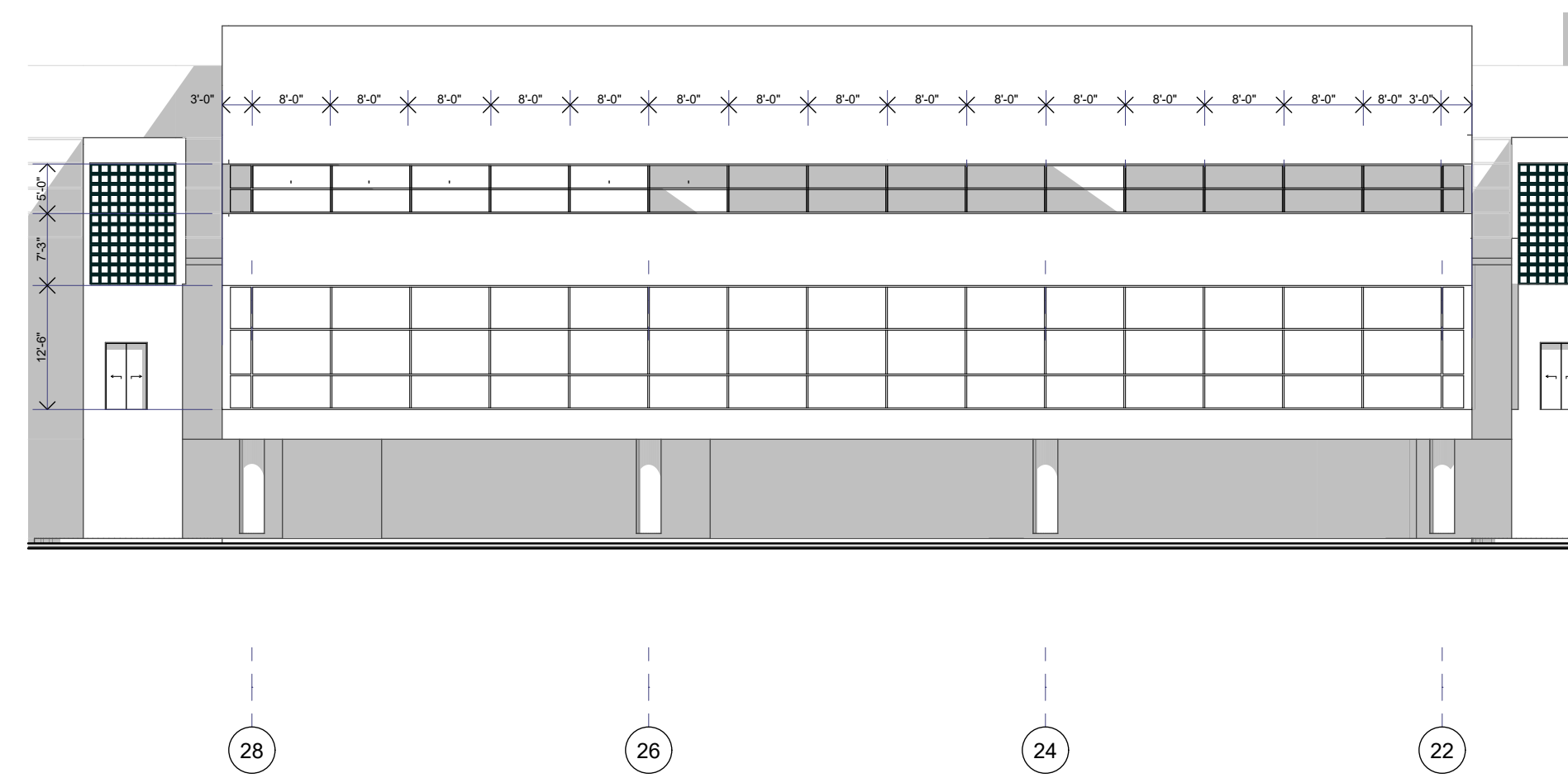
DATE:	FEBRUARY 4, 2022
SCALE:	AS SHOWN
DESIGN BY:	BL
DRAWN BY:	RM
REVIEWED BY:	BL
PROJECT NO.:	201805
	2nd & 3rd Floors Phase 1 and 2
DRAWING NO.:	A-4
SHEET NO.	21 OF 42



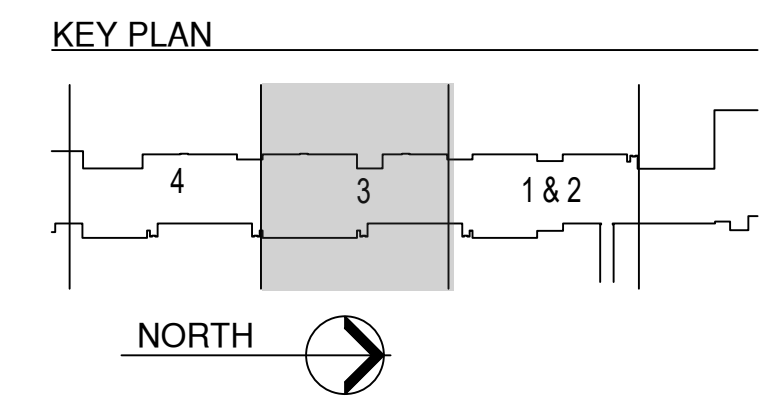
Phase 3 Second Floor Plan 1/16" = 1'-0"



Phase 3 Third Floor Plan 1/16" = 1'-0"



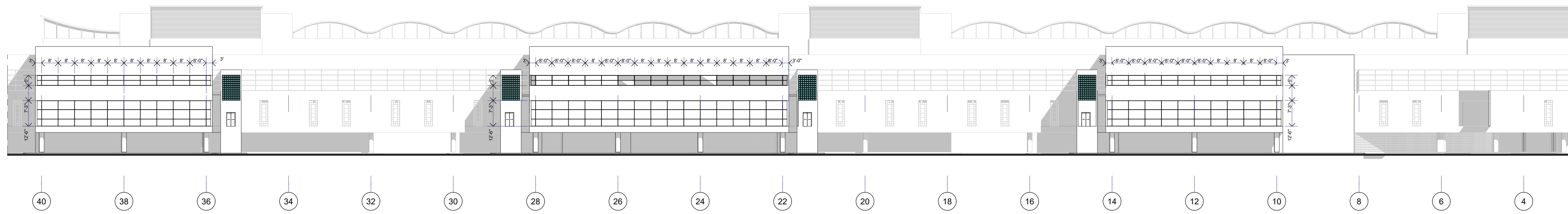
Partial Building Elevation 1/16" = 1'-0"



REVISIONS			
NO.	DATE	BY	DESCRIPTION
2	5/6/2022	CNZ	BLDG. DEPT. COMMENTS
1	3/8/2022	CNZ	BLDG. DEPT. COMMENTS

DATE:	FEBRUARY 4, 2022
SCALE:	AS SHOWN
DESIGN BY:	BL
DRAWN BY:	RM
REVIEWED BY:	BL
PROJECT NO.:	201805
	2nd & 3rd Floor Phase 3
DRAWING NO.:	A-5
SHEET NO.	22 OF 42

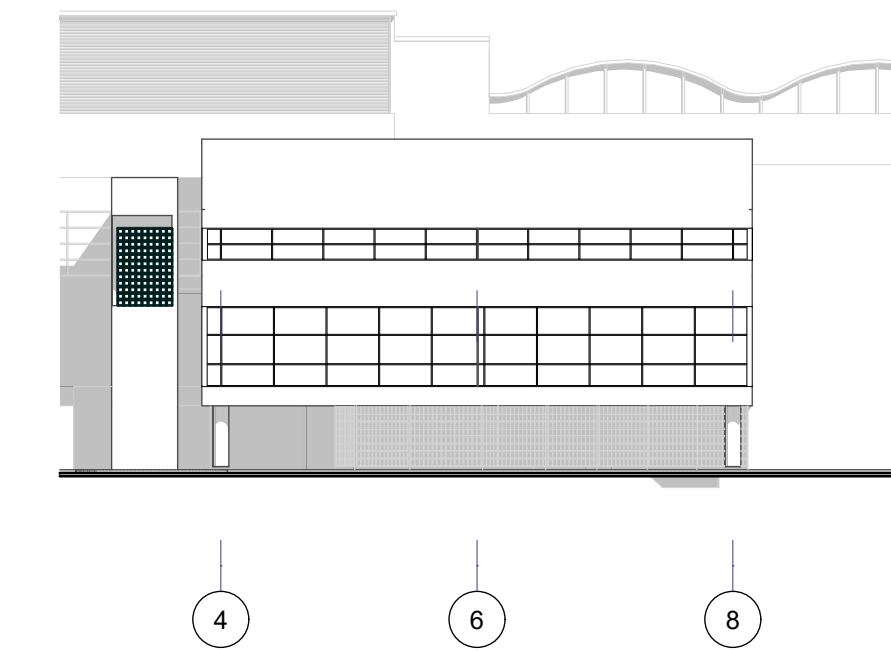




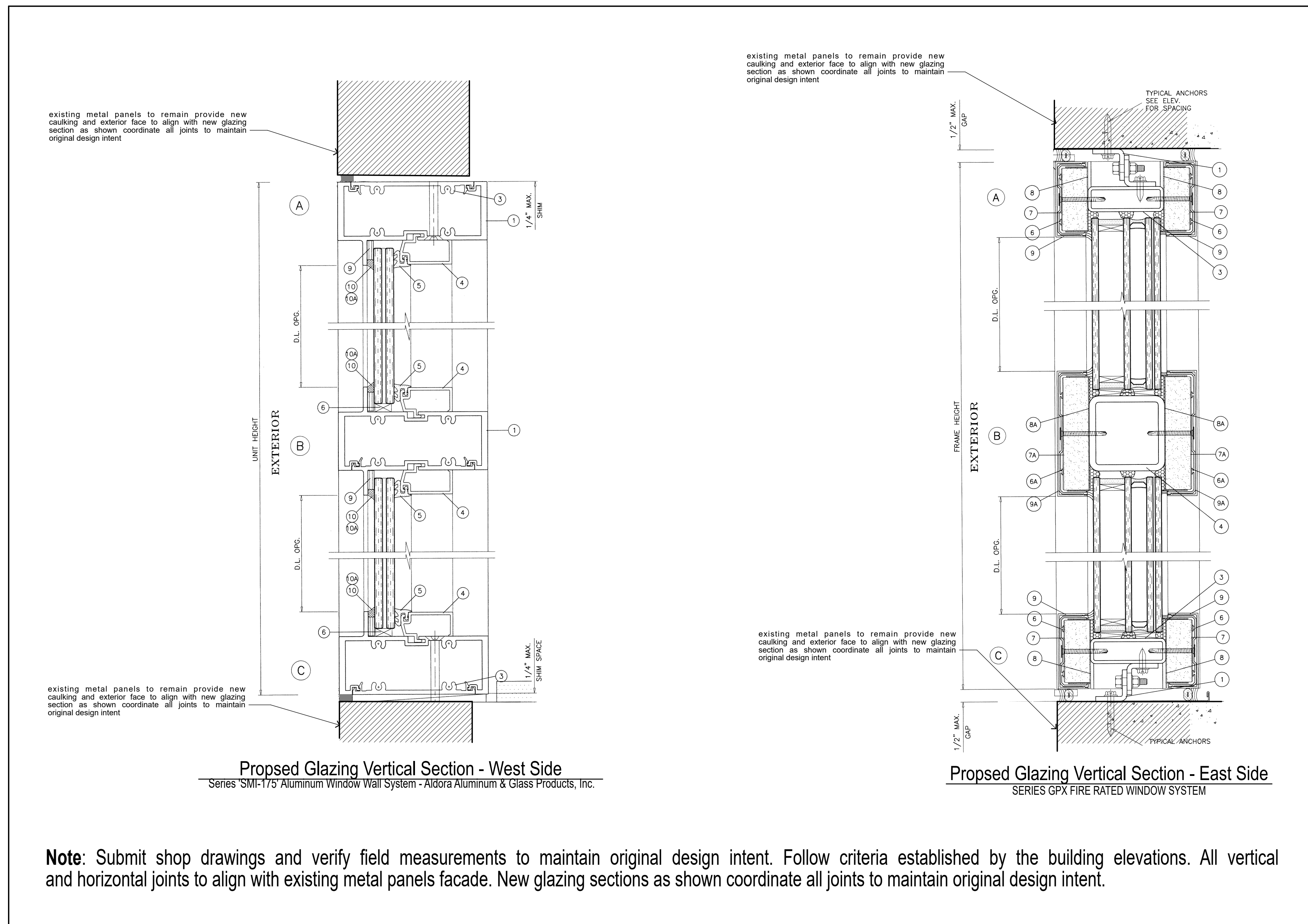
East

Building Elevation

1" = 30'



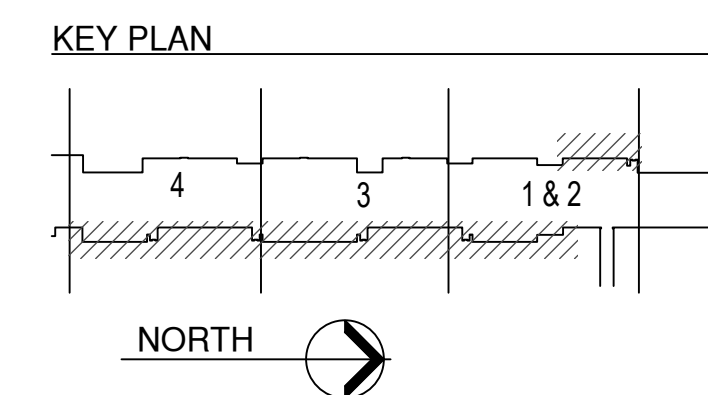
West Building Elevation 1" = 30'



**Proposed Glazing Vertical Section - West Side**  
Series SMI-175 Aluminum Window Wall System - Aldora Aluminum & Glass Products, Inc.

**Proposed Glazing Vertical Section - East Side**  
SERIES GPX FIRE RATED WINDOW SYSTEM

**Note:** Submit shop drawings and verify field measurements to maintain original design intent. Follow criteria established by the building elevations. All vertical and horizontal joints to align with existing metal panels facade. New glazing sections as shown coordinate all joints to maintain original design intent.



REVISIONS			
NO.	DATE	BY	DESCRIPTION
2	5/6/2022	CNZ	BLDG. DEPT. COMMENTS
1	3/8/2022	CNZ	BLDG. DEPT. COMMENTS

DATE:	FEBRUARY 4, 2022
SCALE:	AS SHOWN
DESIGN BY:	BL
DRAWN BY:	RM
REVIEWED BY:	BL
PROJECT NO.:	201805
	Elevations 1

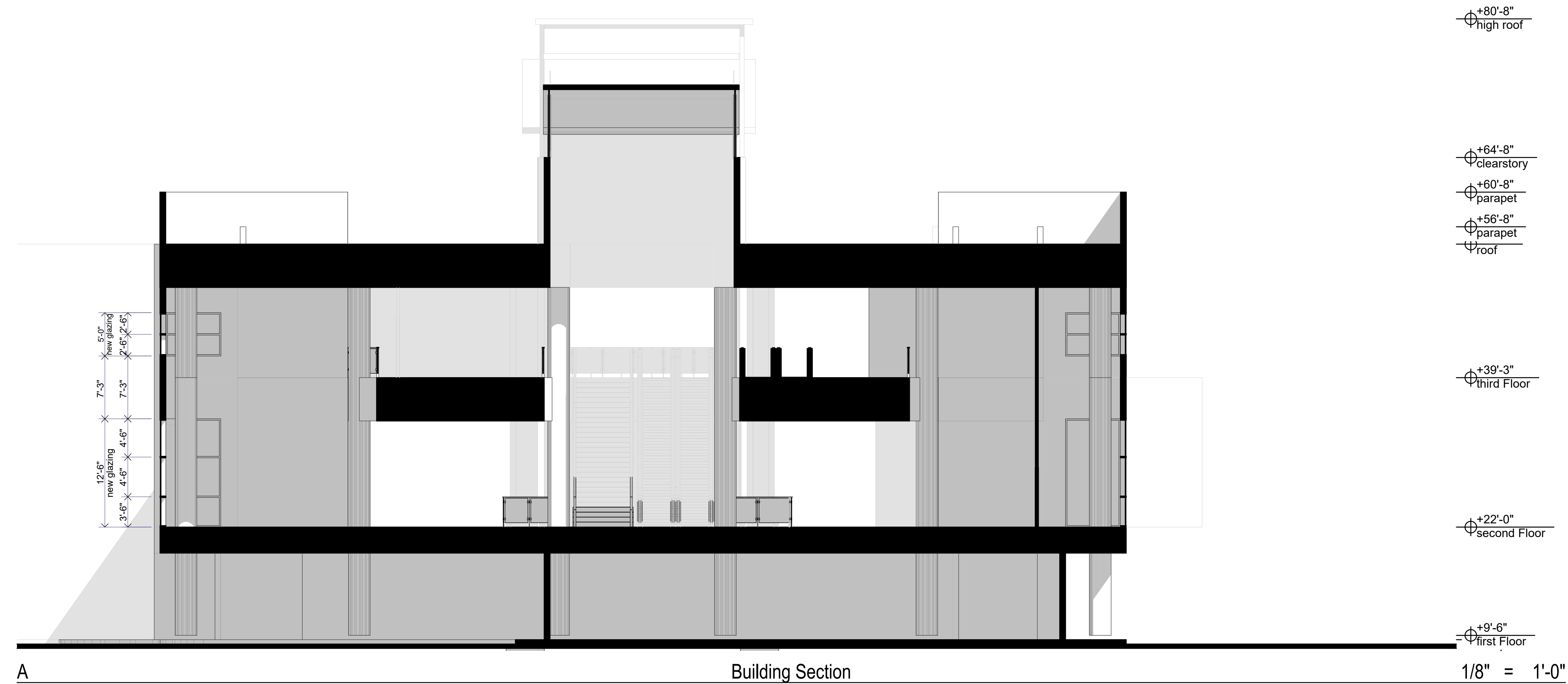
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SHEET NO.:	24 OF 42



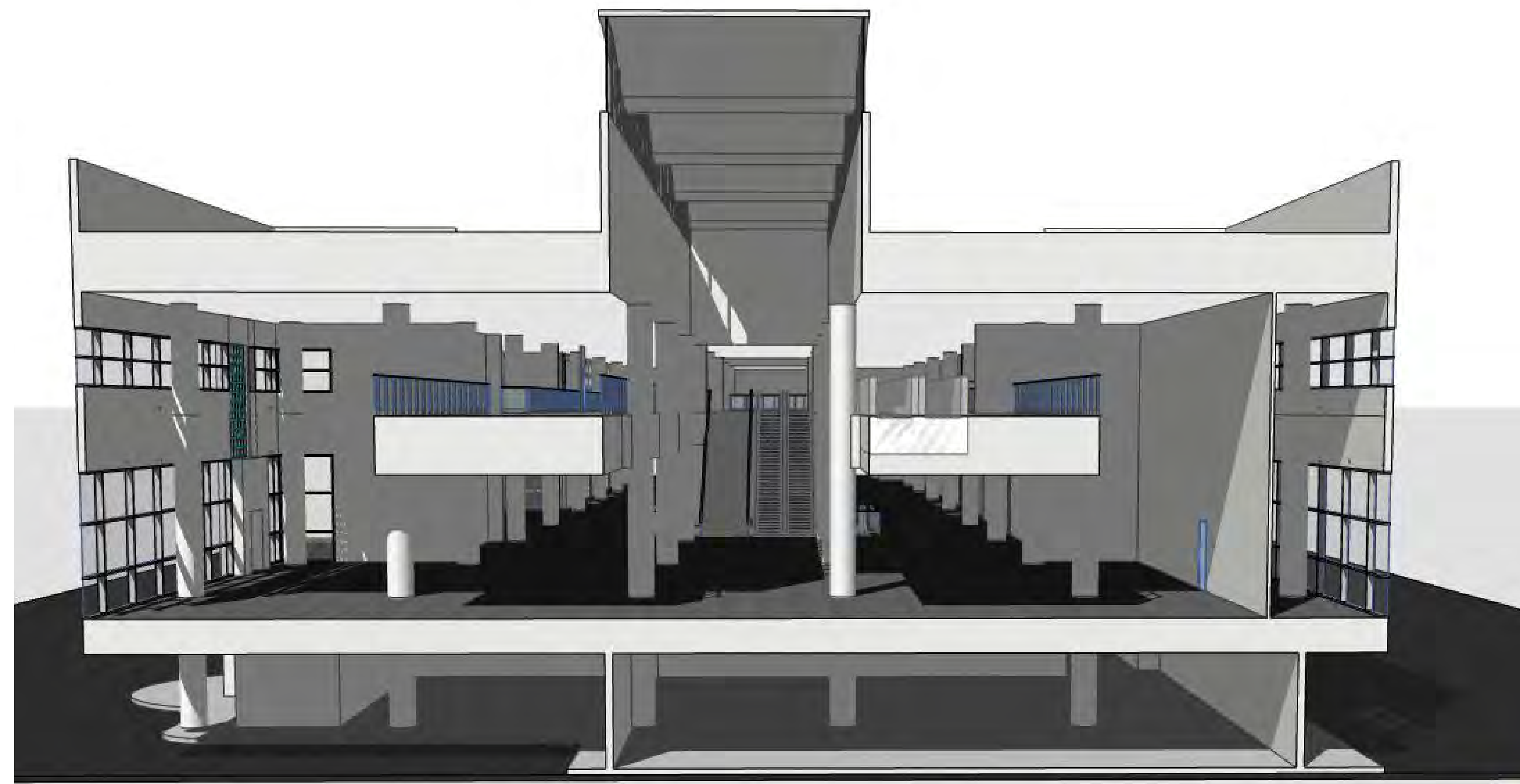
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2	5/6/2022	CNZ	BLDG. DEPT. COMMENTS
1	3/8/2022	CNZ	BLDG. DEPT. COMMENTS

DATE:	FEBRUARY 4, 2022
SCALE:	AS SHOWN
DESIGN BY:	BL
DRAWN BY:	RM
REVIEWED BY:	BL
PROJECT NO.:	201805
	Sections

DRAWING NO.:	A-8
SHEET NO.	25 OF 42

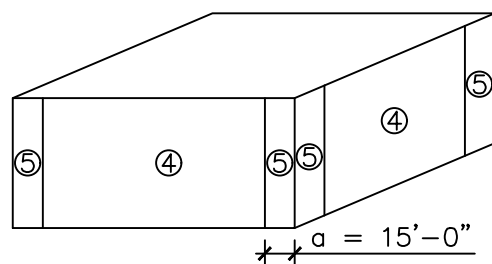


Note:  
Coordinate this section with demolition plans for existing referenced sections and with elevations East and West to adhere to original design intent.



A

Section View



SUPERIMPOSED LOADS			
WIND LOADS			
ASCE 7-16	V= 186 M.P.H.	RISK CATEGORY III	
EXPOSURE "C"	IMPORTANCE= 1	Kd= 0.85	
BUILDING ENCLOSED.	ZONE A WIDTH= 15'-0"		
COMPONENTS & CLADDING			
BASIC WIND PRESSURE (ASD LEVEL)		56.6 P.S.F.	
LOCATION	ZONE	PRESSURES (P.S.F.)	
ROOF 10 SF	1	-94.8	24.2
	1'	-54.4	
	2	-125	
	3	-170.4	
ROOF 20 SF	1	-68.5	22.7
	1'	-54.4	
	2	-117	
	3	-154.3	
ROOF 50 SF	1	-80.2	20.7
	1'	-54.4	
	2	-106.3	
	3	-133	
ROOF 100 SF	1	-74	19.2
	1'	-54.4	
	2	-98.3	
	3	-117	
WALL 10 SF	4	-59.0	54.4
	5	-72.6	
WALL 20 SF	4	-56.6	52.0
	5	-67.8	
WALL 50 SF	4	-53.4	48.8
	5	-61.4	
WALL 100 SF	4	-61.0	46.4
	5	-56.6	

## STRUCTURAL NOTES

### GENERAL STRUCTURAL NOTES

- STRUCTURAL CODES & STANDARDS USED:**  
FBC 2020 FLORIDA BUILDING CODE, SEI/ASCE 7-16 AMERICAN SOCIETY OF CIVIL ENGINEERS, MIN DESIGN LOADS FOR BUILDINGS & OTHER STRUCTURES, AISC 14TH EDITION AMERICAN INSTITUTE OF STEEL CONSTRUCTION, MANUAL OF STEEL CONSTRUCTION, AWS D1.1, S2008 STRUCTURAL WELDING CODE.
- DESIGN LOAD CRITERIA:**
  - BUILDING OCCUPANCY CATEGORY ..... A
  - GRAVITY LOADS:
    - ROOF LIVE LOAD ..... 30 PSF
    - ROOF DESIGN DEAD LOAD ..... 25 PSF
    - ROOF COLLATERAL DEAD LOAD ..... 25 PSF
  - FLOOR:
    - LIVE LOAD ..... 80 PSF
  - WIND LOADS:
    - ULTIMATE DESIGN WIND SPEED (3-SECOND GUST) ..... 186MPH
    - NOMINAL DESIGN WIND SPEED (3-SECOND GUST) ..... 144 MPH
    - RISK CATEGORY ..... III
    - WIND EXPOSURE CATEGORY ..... C
- MATERIALS:** ALL MATERIALS SHALL BE NEW, FREE OF DEFECT, DAMAGE, & CONFORM TO THE FOLLOWING SPECIFICATIONS:
  - STRUCTURAL STEEL:
    - W SHAPES - ASTM A992
    - HSS - ASTM A500, GR. B
    - PIPE - A53, GR. B
    - ANGLES - ASTM A36
    - PLATES AND BARS - ASTM A36
    - BOLTS - ASTM A325
    - ANCHOR RODS - F1554 GR. 36
    - NUTS - ASTM A563
    - WASHERS - ASTM F436
    - THREADED RODS - A36
    - SHEAR STUDS - A36
    - WELDS - E70XX ELECTRODE
- CONTRACTOR SHALL BE PROPERLY LICENSED, INSURED, EXPERIENCED & KNOWLEDGEABLE IN THE TYPE OF CONSTRUCTION THAT IS TO BE PERFORMED. GC IS RELIED UPON TO ACHIEVE PROPER INSTALLATION OF MATERIALS, WEATHER SEALING, MATERIAL TRANSITIONS, SEPARATIONS, CONNECTIONS, ETC.
- CONTRACTOR SHALL USE STRU DWGS IN CONJUNCTION WITH ALL ARCH, PLUM, MECH & ELEC SHIS FOR THE LOCATIONS OF ANY DEPRESSIONS, SLOPES, DRAINS, OUTLETS, RECESSES, OPNGS, SLEEVES, ETC. CONTRACTOR SHALL REVIEW, CHECK, VERIFY ALL PLNS, DIMS & SITE CONDITIONS PRIOR TO CONSTRUCTION, NOTIFY ENGINEER IN-WRITING IMMEDIATELY SHOULD ANY DISCREPANCIES ARISE, CALL (786) 409-5548.
- CONTRACTOR SHALL BE RESPONSIBLE FOR UPDATING JOB COPIES OF PLANS WITH ANY REVISIONS, FIELD ORDERS, CHANGE ORDERS, OR CLARIFICATION SKETCHES ISSUED BY ENGINEER, ARCHITECT, OWNER OR SUBCONTRACTORS DURING CONSTRUCTION.
- CONTRACTOR SHALL PROVIDE FOR SAFETY & PREVENTION OF INJURY AT JOBSITE TO ALL PERSONS INCLUDING ADJACENT PROPERTIES, RIGHT-OF-WAY & GENERAL PUBLIC.
- CONTRACTOR IS RESPONSIBLE FOR DISPOSAL OF ACCUMULATED WATER FROM EXCAVATIONS & DEWATERING OPERATIONS AS TO NOT CAUSE INCONVENIENCE TO THE WORK, DAMAGE TO STRU ELEMENTS OR UNREASONABLE HARM TO THE ENVIRONMENT.
- CONTRACTOR SHALL PROVIDE TEMPORARY BRACING NECESSARY TO ENSURE A STABLE STRUCTURE DURING CONSTRUCTION.
- ALL WORK PERFORMED SHALL BE COMPLETED TO THE HIGHEST STANDARDS OF CRAFTSMANSHIP BY JOURNEYMEN OF THE RESPECTIVE TRADES.
- APPROVAL OF ANY WORK BY ANY CITY OR MUNICIPAL INSPECTOR DOES NOT RELIEVE CONTRACTOR FROM COMPLIANCE WITH STRU DWGS OR CODES MENTIONED ABOVE.
- GENERAL JOBSITE VISITS BY OWNER, ARCHITECT OR ENGINEER DO NOT CONSTITUTE AN OFFICIAL INSPECTION OR APPROVAL UNLESS EXPLICITLY MENTIONED IN WRITING.
- CONTRACTOR SHALL KEEP JOBSITE FREE FROM ACCUMULATION OF WASTE, DEBRIS, RUBBISH, PACKAGING OR OTHERWISE SURPLUS MATERIALS.
- SHOP DWGS REQUIRING ENGINEERING BY SPECIALTY ENGINEER SHALL COMPLY WITH THE FOLLOWING:
  - SPECIALTY ENGINEER SHALL BE FLORIDA LICENSED PROFESSIONAL.
  - SPECIALTY ENGINEER SHALL HAVE AT LEAST FIVE YEARS OF SOLID PROFESSIONAL DESIGN EXPERIENCE IN THE DESIGN & DETAILING OF THE STRUCTURAL COMPONENT AND/OR STRUCTURAL SYSTEM BEING SUBMITTED.
  - SPECIALTY ENGINEER SHALL BE AN EMPLOYEE OR OFFICER OF A FABRICATOR OR COMPANY SUPPLYING COMPONENTS TO THE FABRICATOR.
  - SHOP DWGS ARE AN AID FOR FIELD PLACEMENT & SUPERCEDED BY THE STRUCTURAL DWGS. IT SHALL BE THE RESPONSIBILITY OF THE GC TO ENSURE ALL CONSTRUCTION IS IN FULL AGREEMENT WITH LATEST STRU DWGS.
  - CONTRACTOR SHALL SUPPLY ENGINEER WITH COPIES OF SHOP DRAWINGS ACCORDING TO THE ADMINISTRATIVE REQUIREMENTS SET FORTH ON THE COVERSHEET (ENGINEER'S DWGS CANNOT BE USED TO PRODUCE SHOP DWGS WITHOUT PRIOR CONSENT FROM ENGINEER).
  - SHOP DWGS REVISED OR RESUBMITTED FOR APPROVAL SHALL BE CLEARLY CLOUDED & NOTED. RE-REVIEW IS LIMITED TO THOSE ITEMS WHICH CAUSED THE RE-SUBMITTAL UNLESS NOTED OTHERWISE (UNO).
- SPECIAL INSPECTIONS:**
  - SPECIAL INSPECTIONS SHALL BE PERFORMED BY A FLORIDA-LICENSED PROFESSIONAL ENGINEER & COMPLY WITH FS 553.79.
  - SPECIAL INSPECTOR'S INSPECTION LOG MUST BE DISPLAYED IN A PROMINENT LOCATION ON-SITE FOR REF BY BUILDING AUTHORITY & ENGINEER.
  - COMPLETED INSPECTION LOG FORM & SEALED STATEMENT OF COMPLIANCE TO THE BUILDING INSPECTOR SHALL BE SUBMITTED AT FINAL INSPECTION & BEFORE MAKING APPLICATION FOR CERTIFICATE OF OCCUPANCY THE STATEMENT OF COMPLIANCE SHALL STATE: *TO THE BEST OF THE SPECIAL INSPECTOR'S KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGMENT THAT PORTIONS OF THE PROJECT OUTLINED FOR THE SPECIAL INSPECTION MEETS WITH THE INTENT OF THE FLORIDA BUILDING CODE AND ARE COMPLETED IN SUBSTANTIAL ACCORDANCE WITH THE APPROVED PLANS.*

### STRUCTURAL STEEL:

- SHALL CONFORM TO AISC "SPECIFICATION FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS", ENGINEER WITH COMMENTARY, STRUCTURAL STEEL SHOP DWGS SHALL BE SUBMITTED TO ENGINEER FOR REVIEW PRIOR TO FABRICATION.
- STRU STEEL EXPOSED TO WEATHER SHALL BE HOT DIPPED GALV OR SS INCLUD BOLTS, NUTS & WASHERS.
- SPlicing OF MEMBERS NOT ALLOWED UNLESS SPECIFIED OR APPROVED BY ARCHITECT IN-WRITING.
- FRAMES SHALL BE CARRIED UP TRUE & PLUMB WHILE TEMPORARY BRACING SHALL BE INTRODUCED TO TAKE ALL LOAD TO WHICH THE STRU MAY BE SUBJECTED, INCLUDING EQUIPMENT & OPERATION OF SAME. SUCH BRACING SHALL BE RESPONSIBILITY OF STL CONTRACTOR & BE IN-PLACE AS LONG AS REQ FOR SAFETY.
- ALL HSS & PIPE STRU STEEL SHALL BE FILLED WITH 4,000 PSI GROUT. PROVIDE 1/2" DIA WEEP HOLES ON EA SIDE 3" FROM TOP & BTM
- ALL BOLTS, NUTS & WASHERS SHALL BE NEW, RUST-FREE, WELL LUBRICATED.
- ALL BOLTS SHALL BE PROVIDED WITH HARDENED WASHERS.
- BOLT HOLES SHALL BE SHOP DRILLED, CUT, OR PUNCHED PERPENDICULAR TO SURFACE. DO NOT FLAME CUT HOLES OR ENLARGE HOLE BY BURNING.
- ALL SHOP CONNECTIONS SHALL BE WELDED, UNO.
- ALL WELDING IS TO BE PERFORMED BY AWS CERTIFIED WELDERS REGISTERED IN THE STATE OF FLORIDA & IN CONFORMANCE TO CURRENT RECOMMENDATIONS OF AISC & AWS. SUBMIT WELDER CERTIFICATES TO ENGINEER FOR APPROVAL BEFORE ANY SHOP FOR FIELD WELDING IS STARTED.
- ALL WELDED CONNECTIONS SHALL CONFORM TO AWS D1.1, LATEST EDITION. PROVISIONS SHALL BE MADE FOR FIELD INSPECTION & TESTING OF WELDS.
- ALL SHOP WELDS SHALL BE TESTED BY NON-DESTRUCTIVE METHODS & CERTIFIED. ALL SHOP CONNECTIONS SHALL BE HIGH STRENGTH BOLTED OR WELDED.
- FIELD CONNECTIONS SHALL BE INSPECTED BY SPECIAL INSPECTOR WHEN REQ BY FBC.
- FIRE PROOFING OF STRU STEEL SHALL BE INSTALLED AS REQ.
- STRU STEEL WELDED & BOLTED CONNECTIONS SHALL BE INSPECTED BY SPECIAL INSPECTOR AS PER FBC R4408.5.2.

### ANCHOR BOLTS:

- INSTALL CONC ANCHORS PER VENDOR INSTALLATION PROCEDURES & RECOMMENDATIONS.
- CONC ANCHORS SHALL NOT BE INSTALLED IN CRACKED CONC.
- EMBEDMENT OF ANCHORAGE TO CONC SHALL NOT EXCEED 2/3 OF CONC DEPTH.
- ANCHORS SHALL BE PRELOADED USING A CALIBRATED MANUALLY OPERATED TORQUE WRENCH. ANCHORS SHALL BE TORQUED AGAINST THE FIXTURE OR BASE PLATE.
- ANCHOR THREADS SHALL NOT BE LUBRICATED ON ANY ANCHORS WHICH ARE PRELOADED BY TORQUING.
- HOLES SHALL BE DRILLED WITHIN 6-DEGREES OF A LINE PERPENDICULAR TO THE SURFACE.
- EA ANCHOR SHALL HAVE AT LEAST 1 FLAT WASHER, A BEVELD WASHER SHALL BE USED FOR INSTALL OF ANCHOR BOLT GREATER THAN 3-DEGREES FROM PERPENDICULAR.
- ANCHOR BOLTS SHALL BE EMBEDDED IN GROUTED CELLS OF CMU WALLS.
- EXCEPT WHERE INDICATED, POST-INSTALLED ANCHORS SHALL CONSIST OF THE FOLLOWING ANCHOR TYPES AS PROVIDED BY HILTI, INC. CONTACT (800) 879-8000 FOR PRODUCT-RELATED QUESTIONS.
  - ANCHORAGE TO CONCRETE
    - ADHESIVE ANCHORS FOR CRACKED & UNCRACKED CONC WITH SAFE-SET TECHNOLOGY:
      - HILTI HIT-HY 200 ADHESIVE ANCHORING SYSTEM INSTALLED USING HILTI HOLLOW DRILL BIT (TE-CD OR TE-YD) WITH HAS-E THREADED ROD OR DEFORMED REBAR PER ESR-3187 FOR FAST CURE APPLICATIONS.
      - HILTI HIT-HY 200 ADHESIVE ANCHORING SYSTEM WITH THE HILTI HIT-Z ROD PER ESR-3187 FOR FAST CURE APPLICATIONS.
    - ADHESIVE ANCHORS FOR CRACKED & UNCRACKED CONCRETE WITH STND CLEANING PROCEDURES USE:
      - HILTI HIT-HY 200 ADHESIVE ANCHORING SYSTEM WITH HAS-E THREADED ROD OR DEFORMED REBAR PER ESR-3187 FOR FAST CURE APPLICATIONS.
      - HILTI HIT-RE 500-SD EPOXY ADHESIVE ANCHORING SYSTEM WITH HAS-E THREADED ROD OR DEFORMED REBAR PER ICC ESR-2322 FOR SLOW CURE APPLICATIONS
    - MEDIUM DUTY MECHANICAL ANCHORS FOR CRACKED AND UNCRACKED CONCRETE USE:
      - HILTI KWK HUS EZ AND KWK HUS EZ-1 SCREW ANCHORS PER ICC ESR-3027
      - HILTI KWK BOLT-TZ EXPANSION ANCHORS PER ICC ESR-1917
      - HILTI KWK BOLT 3 EXPANSION ANCHORS (UNCRACKED CONCRETE ONLY) PER ICC ESR-2302
    - HEAVY DUTY MECHANICAL ANCHORS FOR CRACKED AND UNCRACKED CONCRETE USE:
      - HILTI HDA UNDERCUT ANCHORS PER ICC ESR 1546
      - HILTI HSL-3 EXPANSION ANCHORS PER ICC ESR 1545
  - ANCHORAGE TO SOLID GROUTED MASONRY
    - ADHESIVE ANCHORS USE:
      - HILTI HIT-HY 70 MASONRY ADHESIVE ANCHORING SYSTEM (ICC PENDING).
      - STEEL ANCHOR ELEMENT SHALL BE HILTI HAS-E CONTINUOUSLY THREADED ROD OR CONTINUOUSLY DEFORMED STEEL REBAR
    - MECHANICAL ANCHORS USE:
      - HILTI KWK BOLT-3 EXPANSION ANCHORS PER ICC ESR 1385
- ANCHOR CAPACITY BASED ON TECH DATA PUBLISHED BY HILTI OR SUCH OTHER METHOD AS APPROVED BY ENGINEER. SUBSTITUTION REQUESTS FOR ALTERNATE PRODUCTS MUST BE APPROVED IN-WRITING PRIOR TO USE. CONTRACTOR SHALL PROVIDE CALCS DEMONSTRATING SUBSTITUTED PRODUCTS. SUBSTITUTIONS WILL BE EVALUATED BY HAVING AN ICC ESR SHOWING COMPLIANCE WITH RELEVANT BUILDING CODE FOR SEISMIC USES, LOAD RESISTANCE, INSTALLATION CATEGORY & AVAILABILITY OF COMPREHENSIVE INSTALLATION INSTRUCTIONS. ADHESIVE ANCHOR EVALUATION MUST CONSIDER CREEP, IN-SERVICE TEMP & INSTALL TEMP.
- INSTALL ANCHORS PER MANF INSTRUCTIONS, AS INCLUDED IN THE ANCHOR PACKAGING.
- OVERHEAD ADHESIVE ANCHORS MUST BE INSTALLED USING THE HILTI PROFI SYSTEM.
- CONTRACTOR SHALL ARRANGE ANCHOR MANF'S REPRESENTATIVE TO PROVIDE ON-SITE INSTALLATION TRAINING IF INSTALLERS ARE NOT ALREADY PROPERLY TRAINED.
- ANCHOR CAPACITY IS DEPENDENT UPON SPACING BTW ADJACENT ANCHORS & PROXIMITY OF ANCHORS TO EDGES. INSTALL ANCHORS PER SPACING & EDGE CLEARANCES INDICATED ON THE DWGS.
- EXIST REINF BARS IN CONC STRUCTURE MAY CONFLICT WITH SPECIFIC ANCHOR LOCATIONS. UNLESS NOTED ON DWGS THAT THE BARS CAN BE CUT, CONTRACTOR SHALL REVIEW EXIST STRU DWGS & UNDERTAKE TO LOCATE THE POSITION OF REINF BARS AT THE LOCATIONS OF THE CONC ANCHORS, BY HILTI FERROSCAN, GPR, X-RAY, CHIPPING OR OTHER MEANS.

### FINAL COATING/FINISHING

- SURFACES TO BE COATED SHALL BE CLEAN, FREE OF DIRT, GREASE, OIL, MOISTURE & FOREIGN MATTER.
- CLEANING SHALL BE PERFORMED AFTER ASSEMBLY OF EA COMPONENT HAS BEEN COMPLETED.
- PROVIDE 1- COAT OF RUST INHIBITING PAINT MIN 3 MIL DRY FILM THICKNESS ON ALL STRU STEEL EXCEPT STAINLESS STEEL, GALVANIZED STEEL OR SURFACES EMBEDDED OR IN CONTACT WITH CONC SHALL NOT RECEIVE ANY TYPE OF COATING.
- JOINTS, CREVICES, SEAMS, EDGES, ETC. SHALL BE CAULKED PRIOR TO TOP-COATING TO PREVENT COLLECTION OF MOISTURE.
- PRIMER & PAINT SHALL BE APPLIED TO ALL SURFACES EXPOSED TO WEATHER WITH EXT PAINT, UNO.
- PRIOR TO APPLICATION, COLOR OF COATINGS SHALL BE DETERMINED BY OWNER OR DELEGATED INDIVIDUAL. PRIMER & TOP COAT SHOULD HAVE A DIFFERENCE IN COLOR OR TINT TO VERIFY COVERAGE.

### DISCLAIMER

THE INFORMATION CONTAINED HEREIN IS RELIABLE, GENERALLY ACCURATE FOR THE PURPOSE INTENDED, AND IS IN ACCORDANCE WITH APPLICABLE INDUSTRY CODES AND STANDARDS. ONLY STAMPED & SIGNED COPIES SHALL BE CONSIDERED FULLY-ENGINEERED PLANS AND/OR PUBLICATIONS. NO WORK SHALL BE PERFORMED UNTIL FINAL APPROVAL IS OBTAINED BY THE BUILDING AUTHORITY.

### ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR	EA	EACH	MIN	MINIMUM
ALT	ALTERNATE	E.F.	EACH FACE	OC	ON CENTER
BD	BOARD	ELEV	ELEVATION	REF	REFERENCE
BM	BEAM	EMB	EMBEDMENT	REQ	REQUIRED
BOC	BOT OF CONC	E.W.	EACH WAY	SCHED	SCHEDULE
BOS	BOT OF STEEL	EXIST	EXISTING	STRU	STRUCTURAL
BTM	BOTTOM	FBC	FLORIDA BUILDING CODE	T&B	TOP & BTM
CANT	CANTILEVER	FFE	FINISHED FLOOR ELEVATION	T&S	TEMP & SHRINKAGE
CLR	CLEAR	FURR	FURRING	TB	TIE BEAM
CHAMF	CHAMFER	GA	GAUGE	TE	THICKENED EDGE
C.J.	CONTROL JOINT	GB	GRADE BEAM	TOC	TOP OF CONC
COL	COLUMN	GYP	GYP SUM	TOS	TOP OF STEEL
CONC	CONCRETE	JT	JOINT	TYP	TYPICAL
CONT	CONTINUOUS	MANF	MANUFACTURER	UNO	UNLESS NOTED OTHERWISE
DTL	DETAIL	MAX	MAXIMUM	WD	WOOD



**305 CONSULTING ENGINEERS LLC**  
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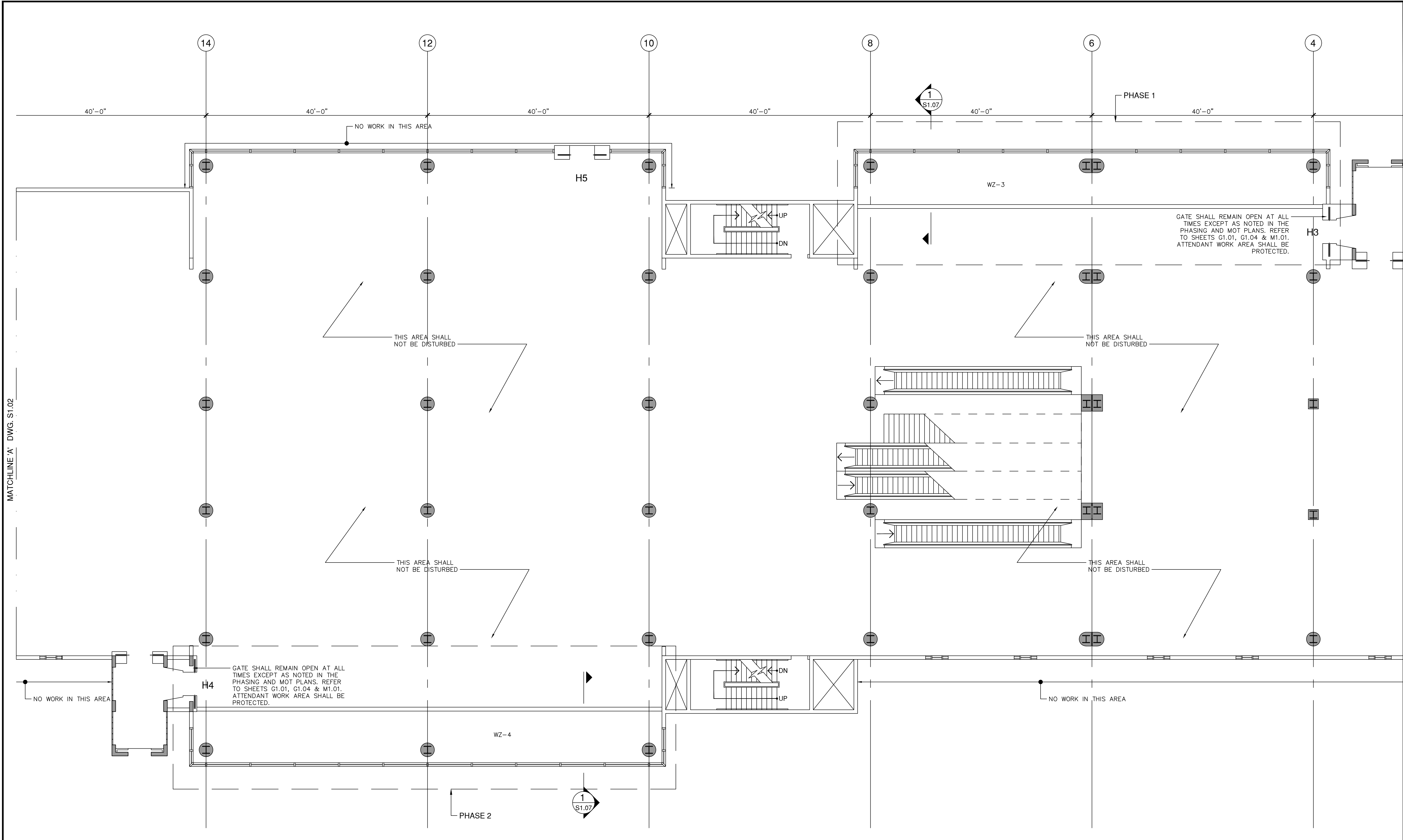
**MIA South Terminal Concourse H  
Rehabilitation - Phase 1**  
21 MIAD CIRCLE  
MIAMI, FLORIDA 33126

NO.		DATE		BY		REVISIONS	
NO.		DATE		BY		REVISIONS	
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1	3/8/2022	CNZ				BLOG. DEPT. COMMENTS	

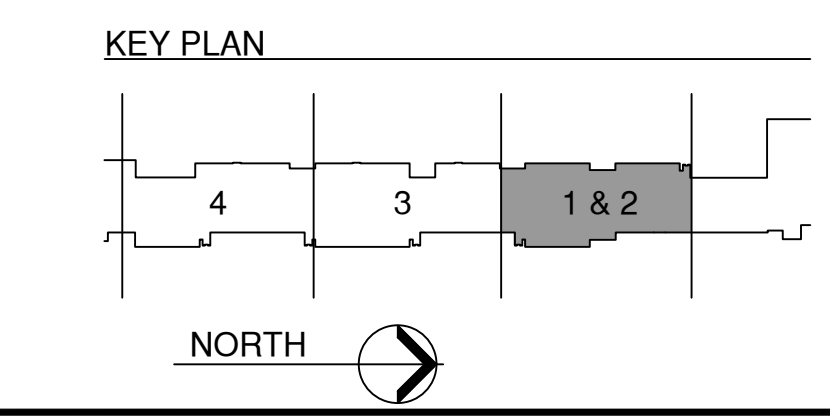
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DRAWN BY: C.N.Z.  
REVIEWED BY: E.M.Z.  
PROJECT NO.: 18-0305.02  
DRAWING TITLE: STRUCTURAL NOTES  
DRAWING NO.: S0.01

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DRAWN BY:	C.N.Z.
REVIEWED BY:	E.M.Z.
PROJECT NO.:	18-0305.02
DRAWING TITLE:	FRAMING PLAN
DRAWING NO.:	S1.01
SHEET NO.:	27 OF 42



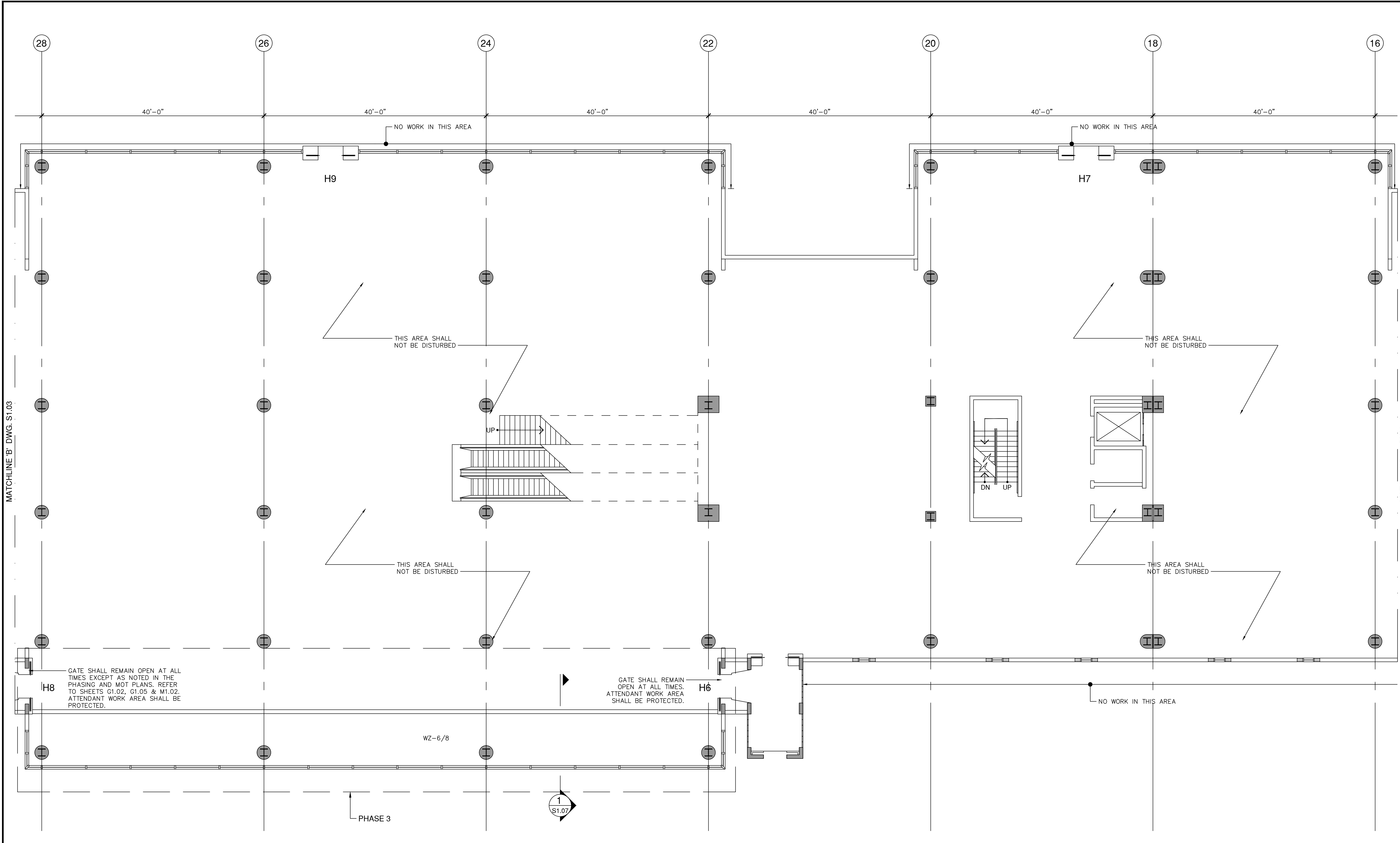
**SECOND FLOOR FRAMING PLAN - PHASE 1 & 2**  
 SCALE: 1/8" = 1'-0"



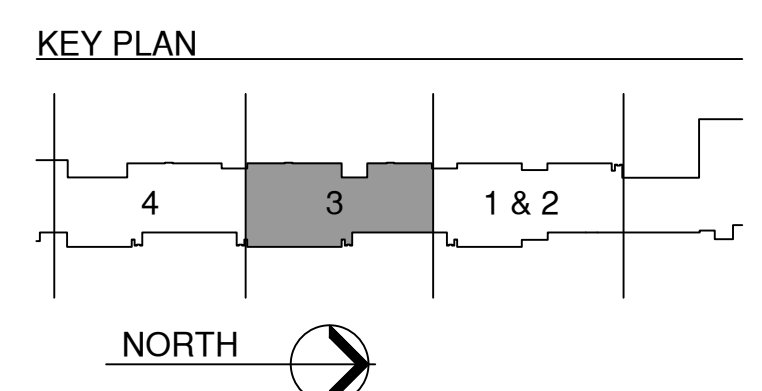
MATCHLINE A' DWG. S1.02

REVISIONS			
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1	3/8/2022	C.N.Z.	BLOG. DEPT. COMMENTS

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REVIEWED BY:	E.M.Z.
PROJECT NO.:	18-0305.02
DRAWING TITLE:	FRAMING PLAN
DRAWING NO.:	S1.02
SHEET NO.:	28 OF 42



**SECOND FLOOR FRAMING PLAN - PHASE 3**  
 SCALE: 1/8" = 1'-0"

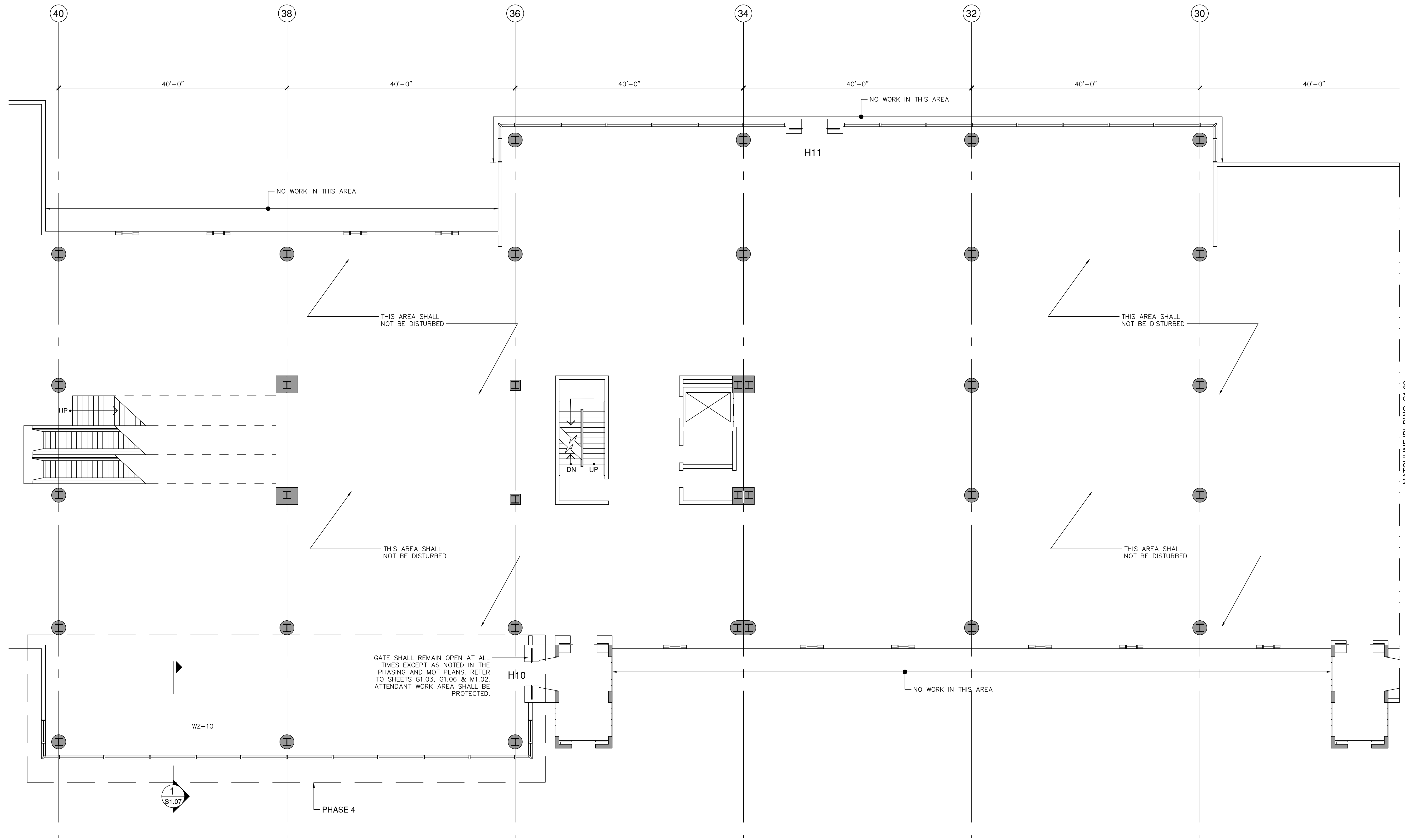


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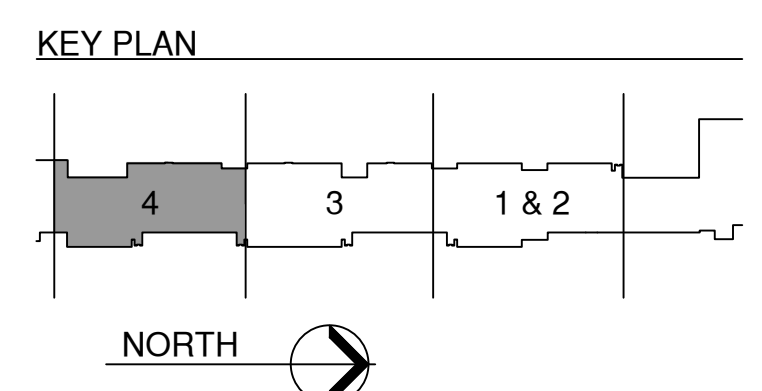
MATCHLINE 'A' DWG. S1.01

NO.		DATE	BY	REVISIONS
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REVIEWED BY:	E.M.Z.
PROJECT NO.:	18-0305.02
DRAWING TITLE:	FRAMING PLAN
DRAWING NO.:	S1.03
SHEET NO.:	29 OF 42



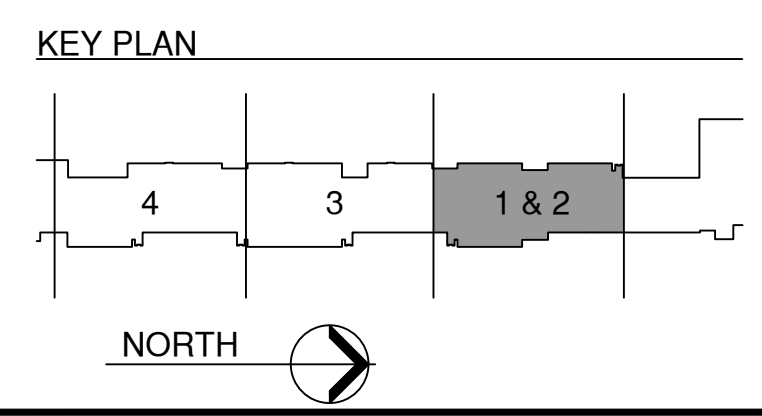
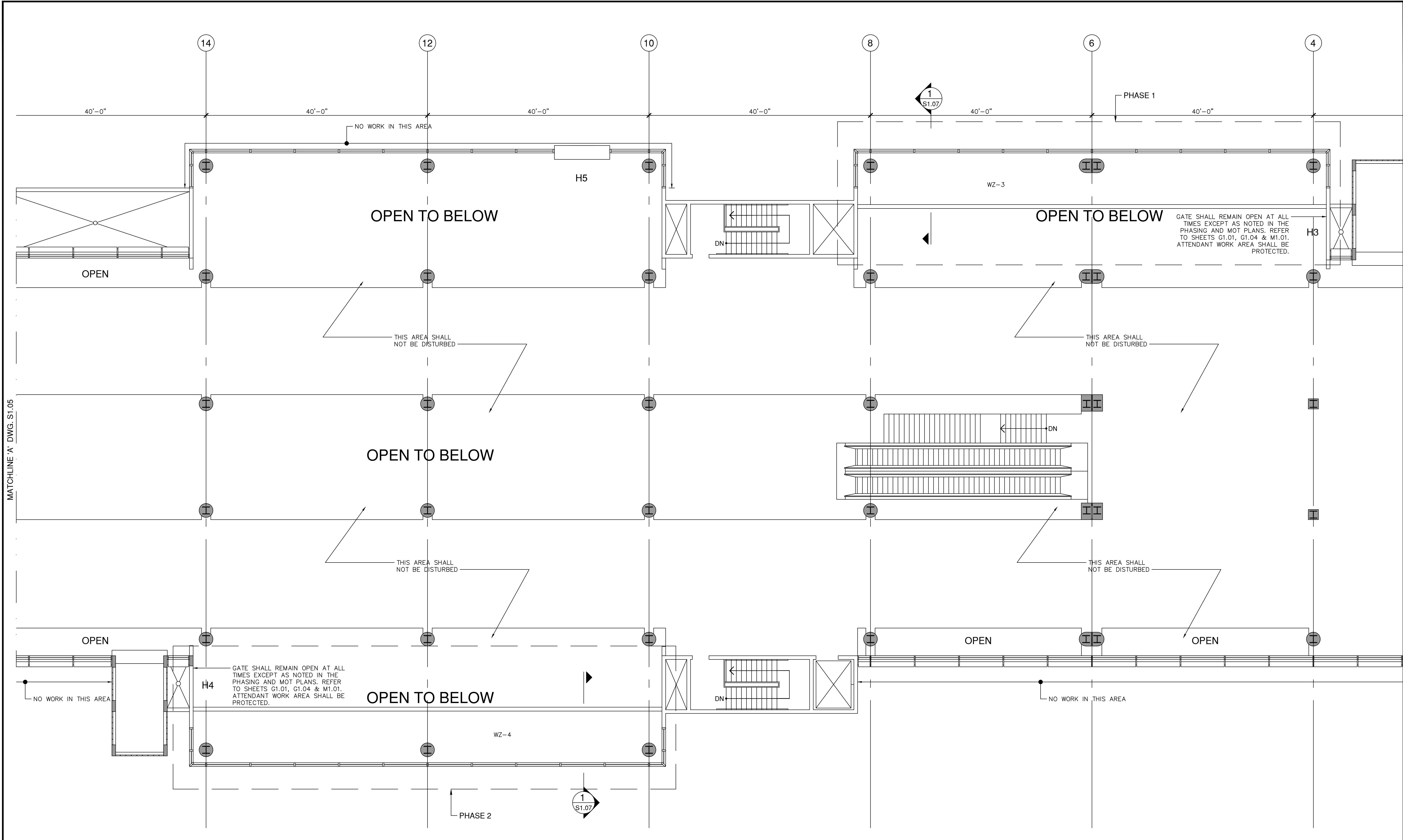
**SECOND FLOOR FRAMING PLAN - PHASE 4**  
 SCALE: 1/8" = 1'-0"



PLOT DATE: 1/18/2023  
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NO.		DATE	BY	DESCRIPTION
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1	3/8/2022	CNZ	BLOG.	DEPT. COMMENTS

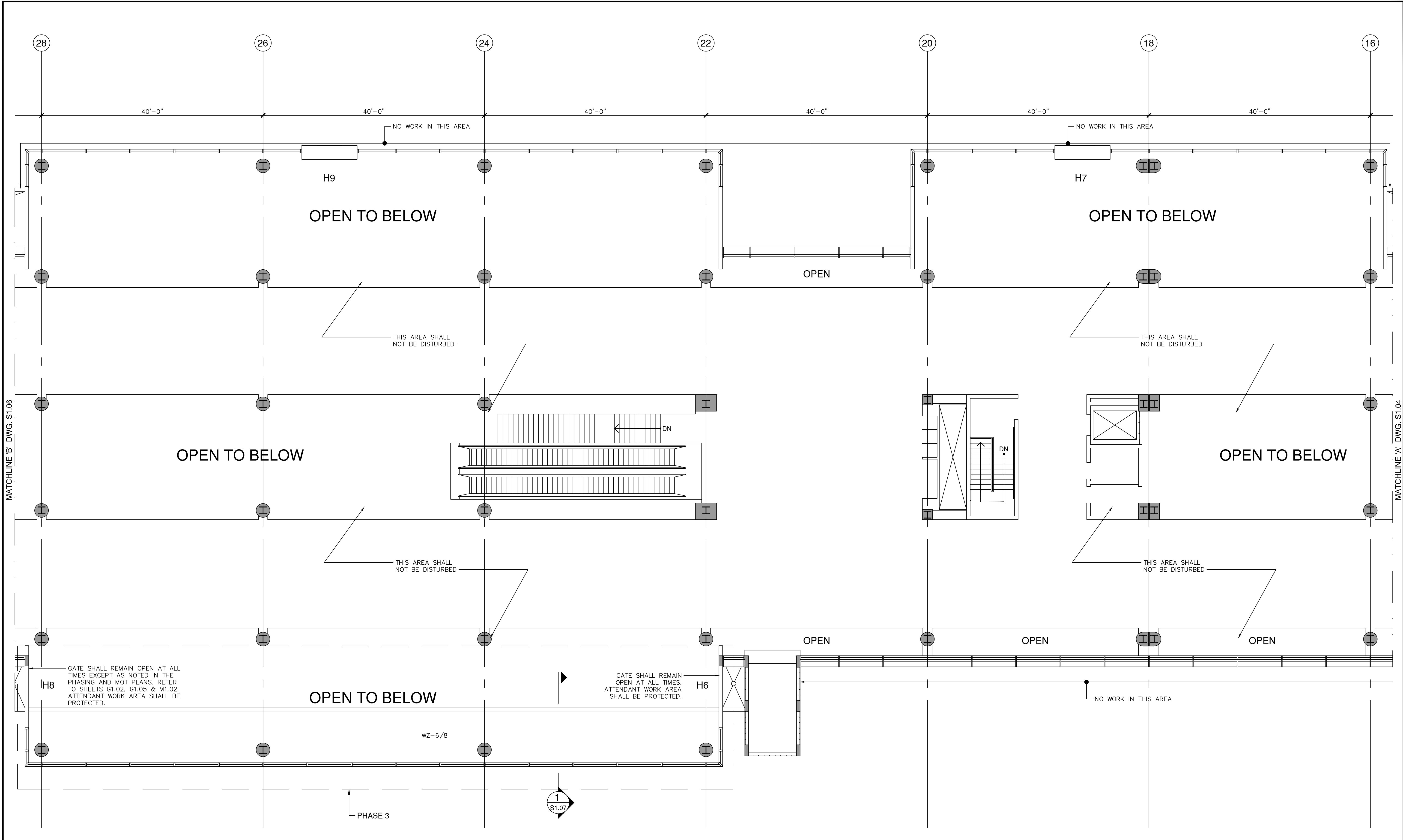
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DRAWN BY:	C.N.Z.
REVIEWED BY:	E.M.Z.
PROJECT NO.:	18-0305.02
DRAWING TITLE:	FRAMING PLAN
DRAWING NO.:	S1.04
SHEET NO.:	30 OF 42



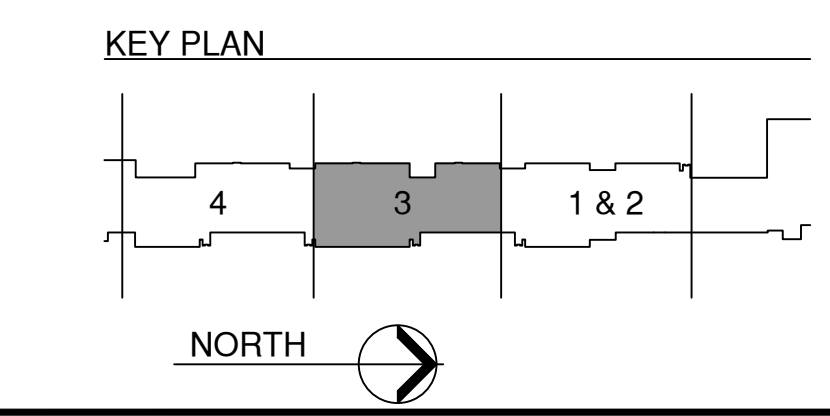
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 MATCHLINE 'A' DWG. S1.05

REVISIONS			
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DRAWN BY:	C.N.Z.
REVIEWED BY:	E.M.Z.
PROJECT NO.:	18-0305.02
DRAWING TITLE:	FRAMING PLAN
DRAWING NO.:	S1.05
SHEET NO.:	31 OF 42



**THIRD FLOOR FRAMING PLAN - PHASE 3**  
 SCALE: 1/8" = 1'-0"



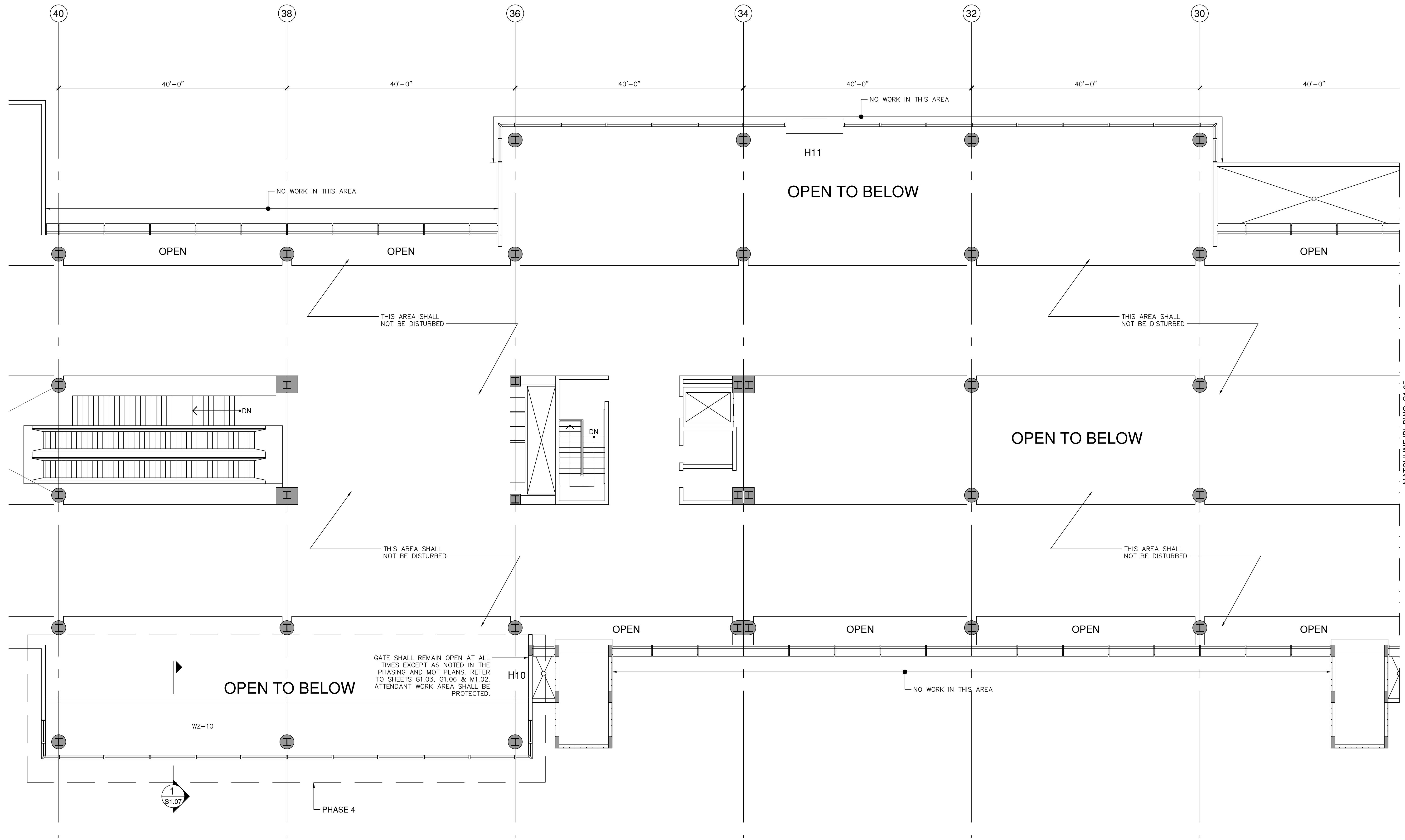
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MATCHLINE 'A' DWG. S1.04

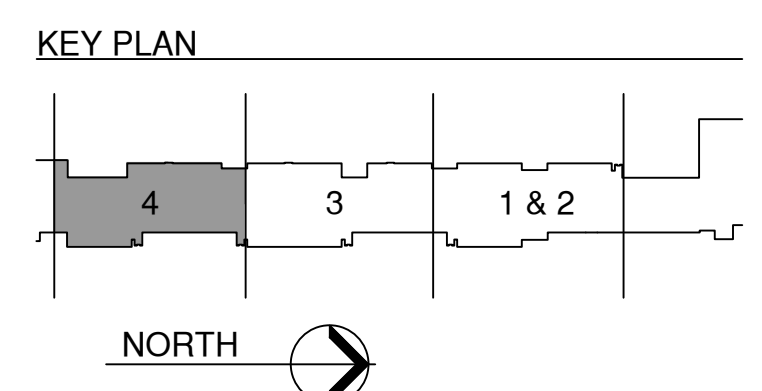
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DATE:	FEBRUARY 4, 2022
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DESIGN BY:	E.M.Z.
DRAWN BY:	C.N.Z.
REVIEWED BY:	E.M.Z.
PROJECT NO.:	18-0305.02
DRAWING TITLE:	FRAMING PLAN
DRAWING NO.:	<b>S1.06</b>
SHEET NO.:	32 OF 42



**THIRD FLOOR FRAMING PLAN - PHASE 4**  
 SCALE: 1/8" = 1'-0"

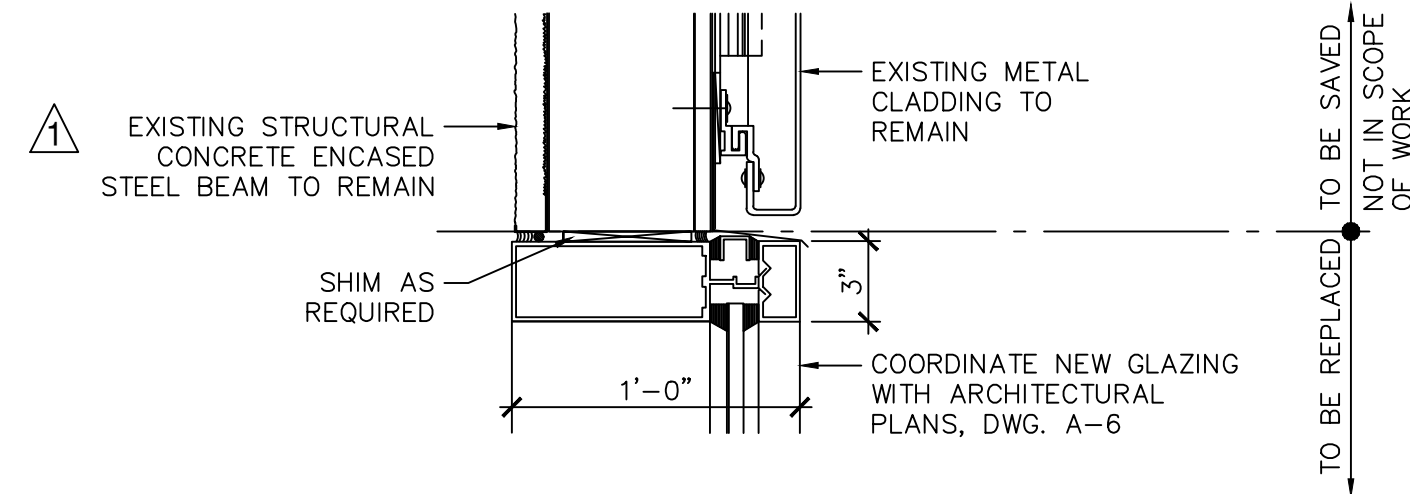




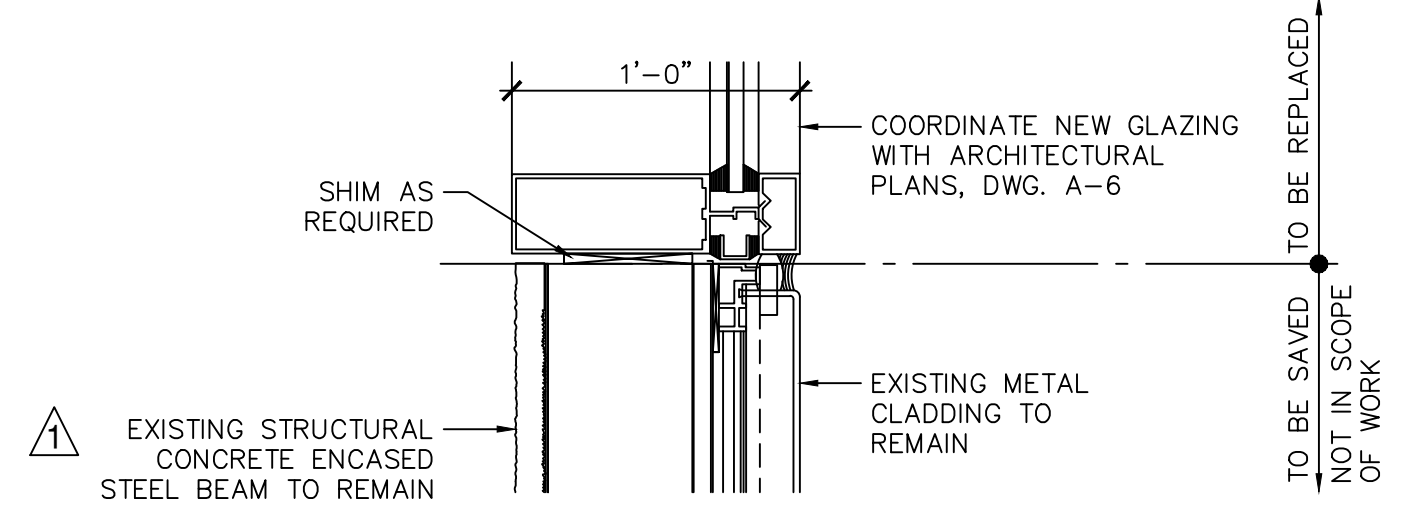
REVISIONS			
NO.	DATE	BY	DESCRIPTION
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1	3/28/2022	CNZ	BLDG. DEPT. COMMENTS

DATE:	FEBRUARY 4, 2022
SCALE:	AS SHOWN
DESIGN BY:	E.M.Z.
DRAWN BY:	C.N.Z.
REVIEWED BY:	E.M.Z.
PROJECT NO.:	18-0305.02
DRAWING TITLE:	SECTION & DETAILS
DRAWING NO.:	S1.07

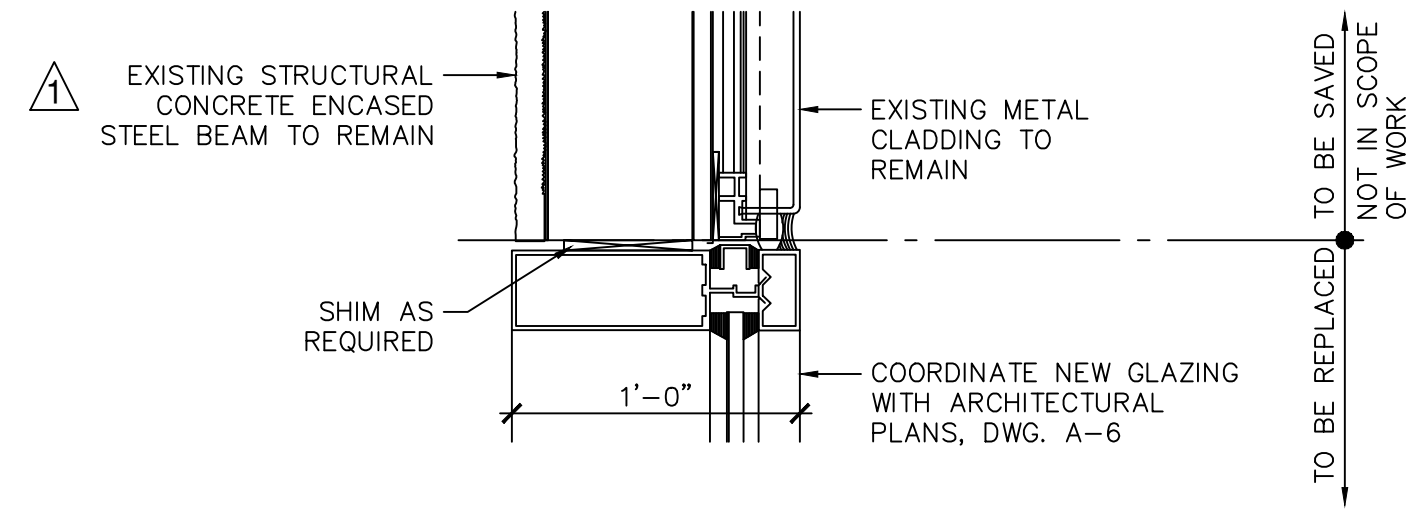
NOTE:  
ALL SHIMS SHALL BE HIGH-IMPACT,  
NONMETALLIC, NON-COMPRESSIBLE  
SUCH AS CRL SHIMSTACK SHIMS AS  
MANUFACTURED BY C.R. LAURENCE  
CO. OR APPROVED EQUAL



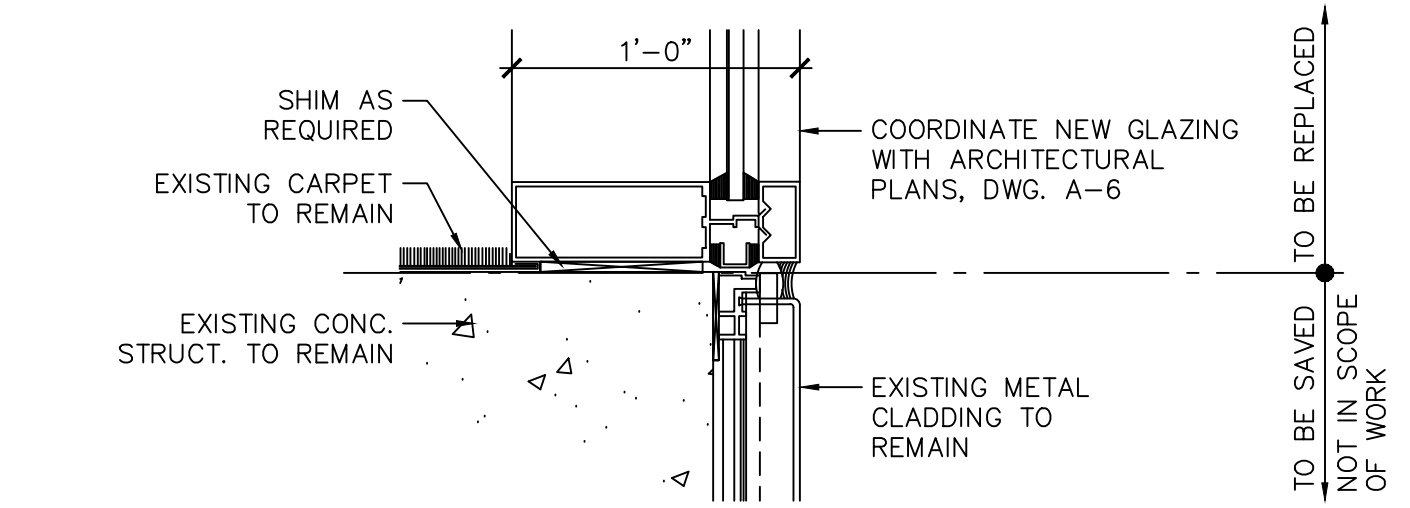
**DETAIL A**  
SC: 1 1/2" = 1'-0"



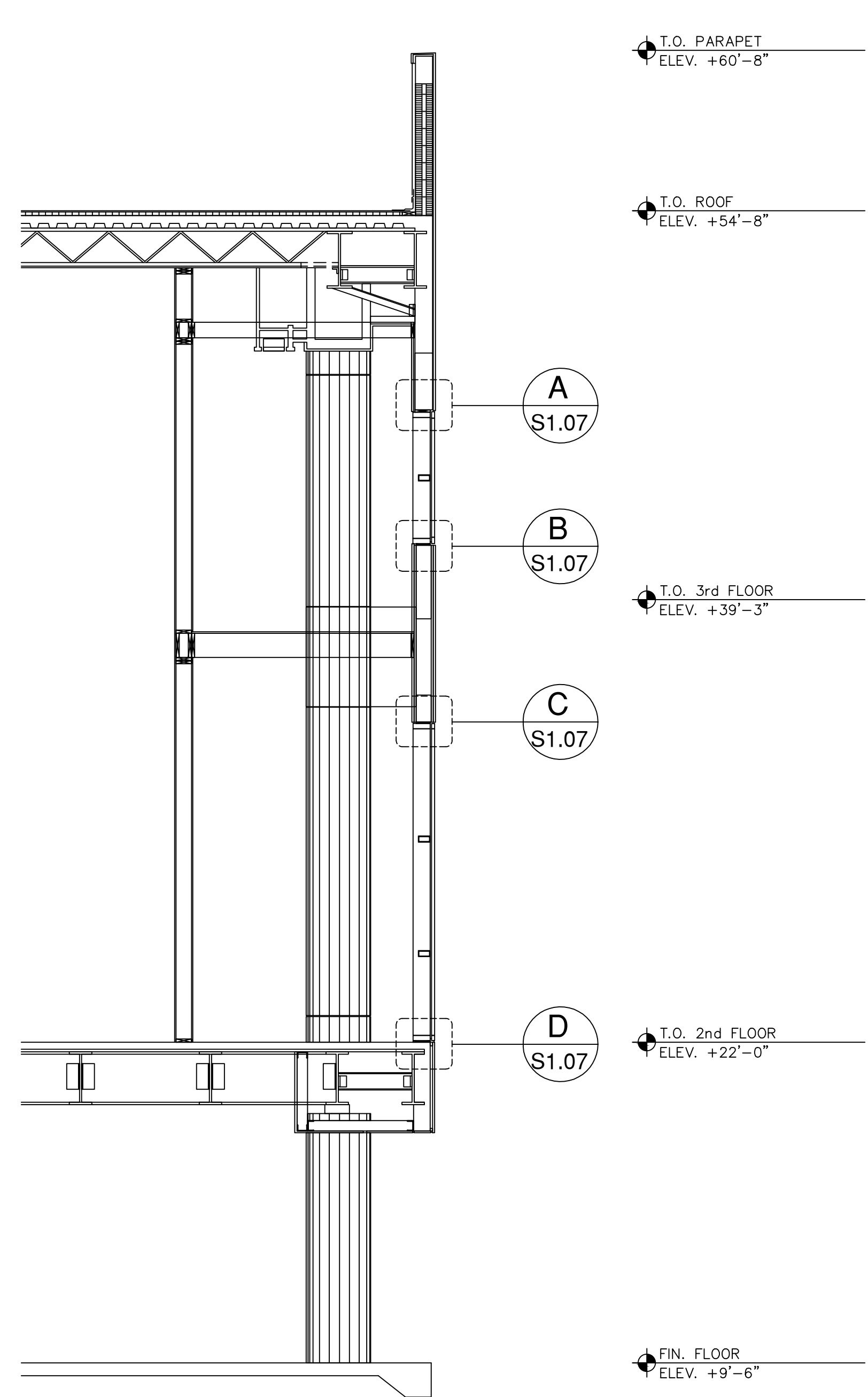
**DETAIL B**  
SC: 1 1/2" = 1'-0"



**DETAIL C**  
SC: 1 1/2" = 1'-0"



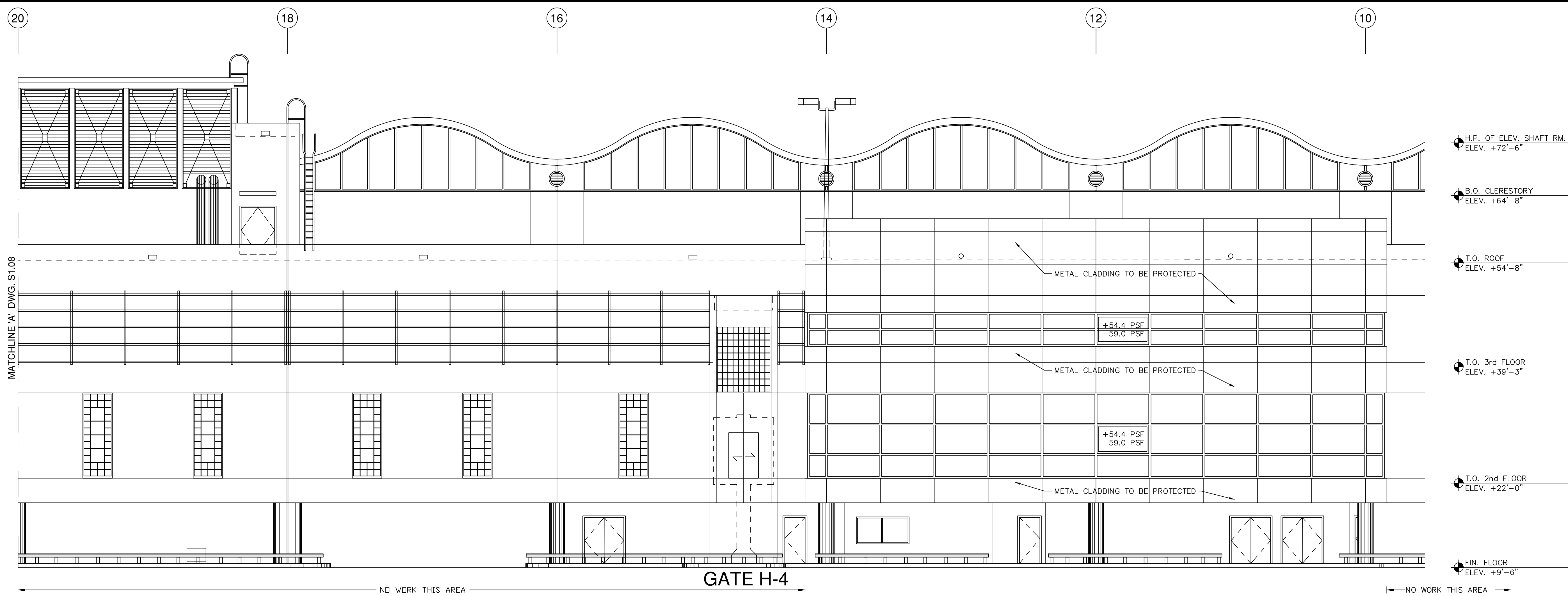
**DETAIL D**  
SC: 1 1/2" = 1'-0"



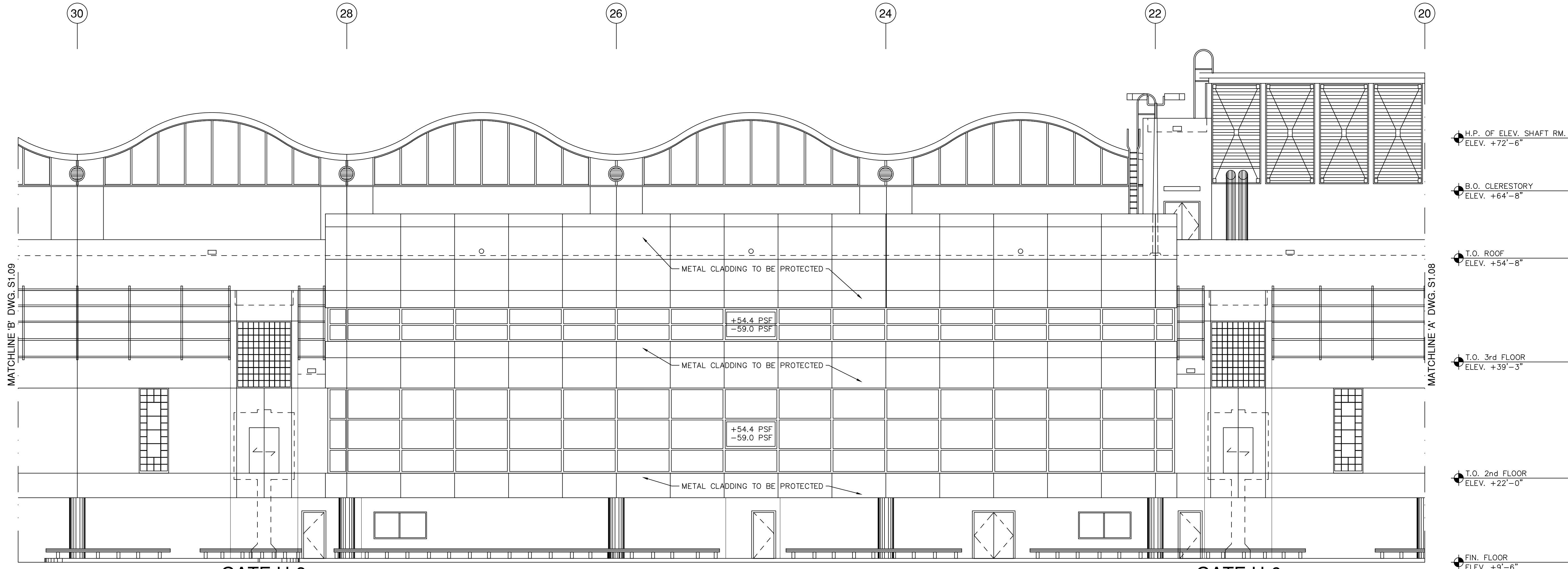
**1 SECTION**  
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NO.		DATE	BY	DESCRIPTION
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1	3/8/2022	CNZ	BLOG. DEPT.	COMMENTS

DATE:	FEBRUARY 4, 2022
SCALE:	AS SHOWN
DESIGN BY:	E.M.Z.
DRAWN BY:	C.N.Z.
REVIEWED BY:	E.M.Z.
PROJECT NO.:	18-0305.02
DRAWING TITLE:	EAST ELEVATION
DRAWING NO.:	S1.08



EAST ELEVATION - PHASE 2



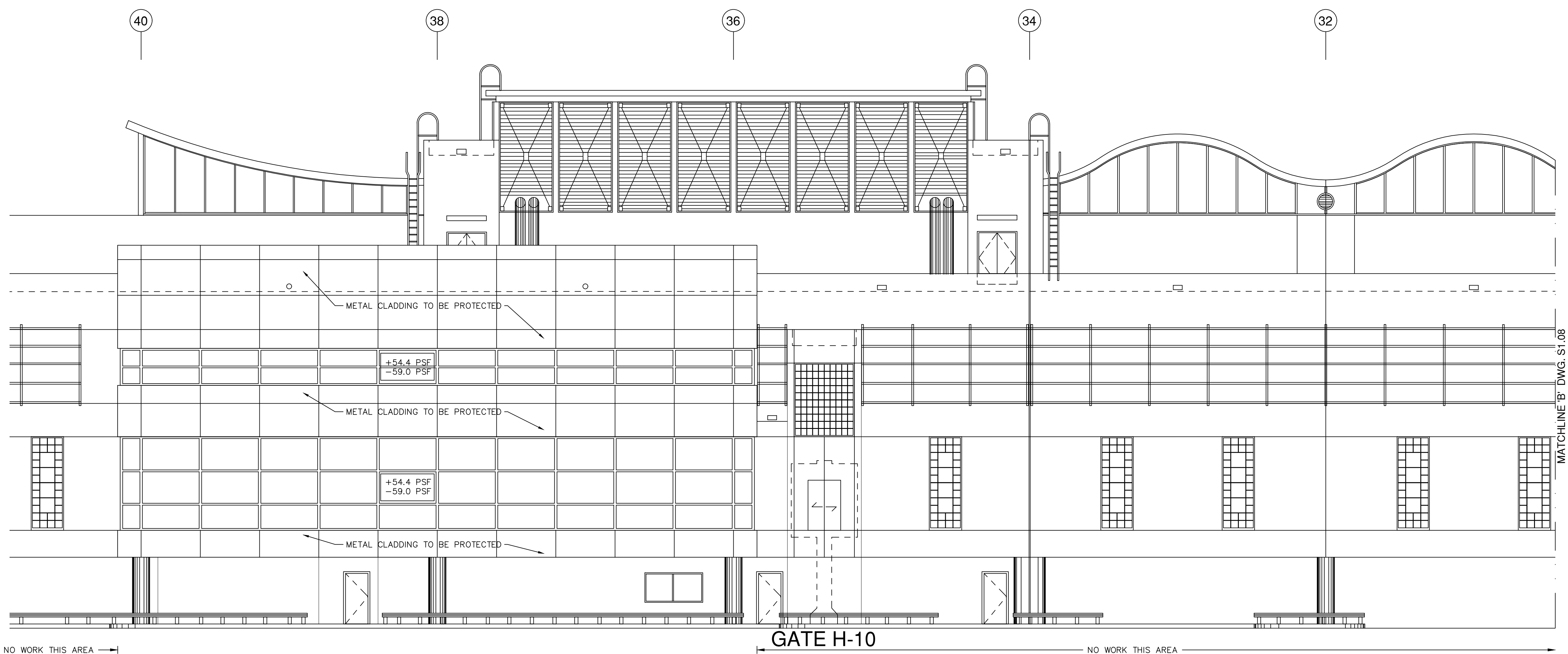
EAST ELEVATION - PHASE 3

EXTERIOR ELEVATIONS

SCALE: 1/8" = 1'-0"

NO.	DATE	BY	REVISIONS
2	5/16/2022	C.N.Z.	BLDG. DEPT. COMMENTS
1	3/8/2022	C.N.Z.	BLDG. DEPT. COMMENTS

DATE:	FEBRUARY 4, 2022
SCALE:	AS SHOWN
DESIGN BY:	E.M.Z.
DRAWN BY:	C.N.Z.
REVIEWED BY:	E.M.Z.
PROJECT NO.:	18-0305.02
DRAWING TITLE:	EAST ELEVATION
DRAWING NO.:	S1.09



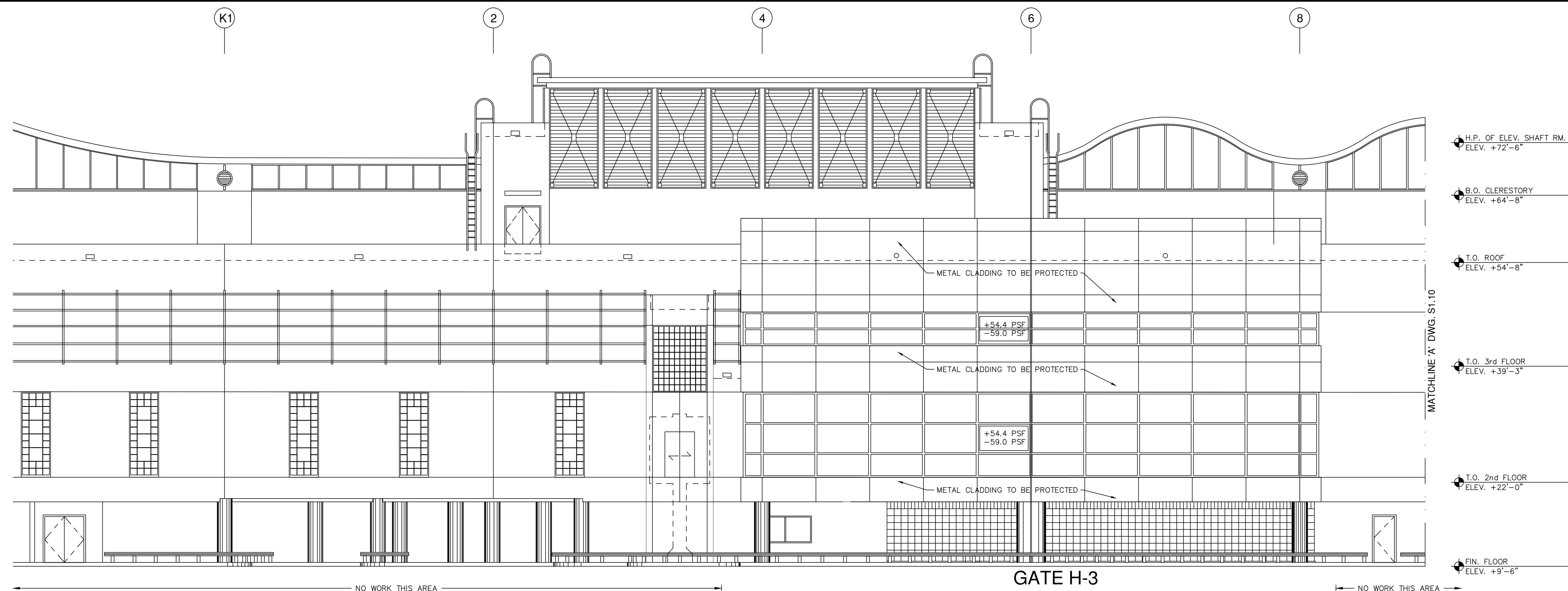
**EAST ELEVATION - PHASE 4**

**EXTERIOR ELEVATIONS**

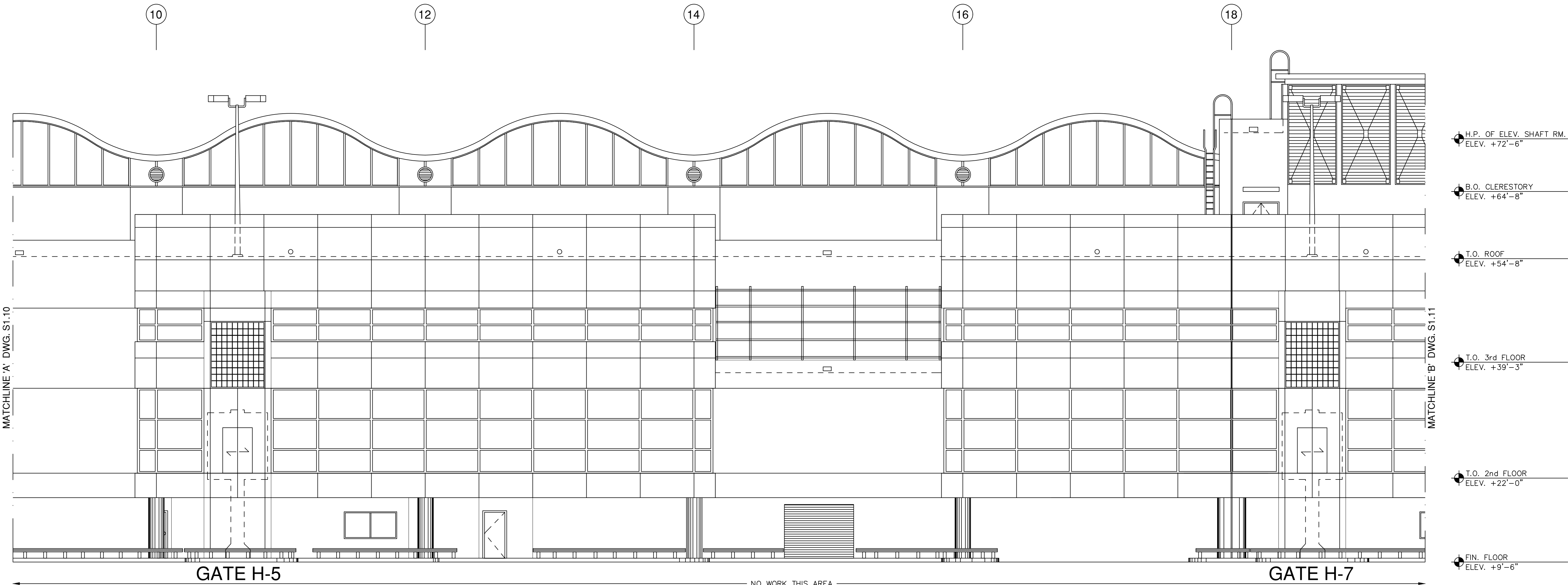
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NO.		DATE	BY	DESCRIPTION
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1	3/8/2022	C.N.Z.	BLOG.	DEPT. COMMENTS

DATE:	FEBRUARY 4, 2022
SCALE:	AS SHOWN
DESIGN BY:	E.M.Z.
DRAWN BY:	C.N.Z.
REVIEWED BY:	E.M.Z.
PROJECT NO.:	18-0305.02
DRAWING TITLE:	WEST ELEVATION
DRAWING NO.:	S1.10



WEST ELEVATION - PHASE 1



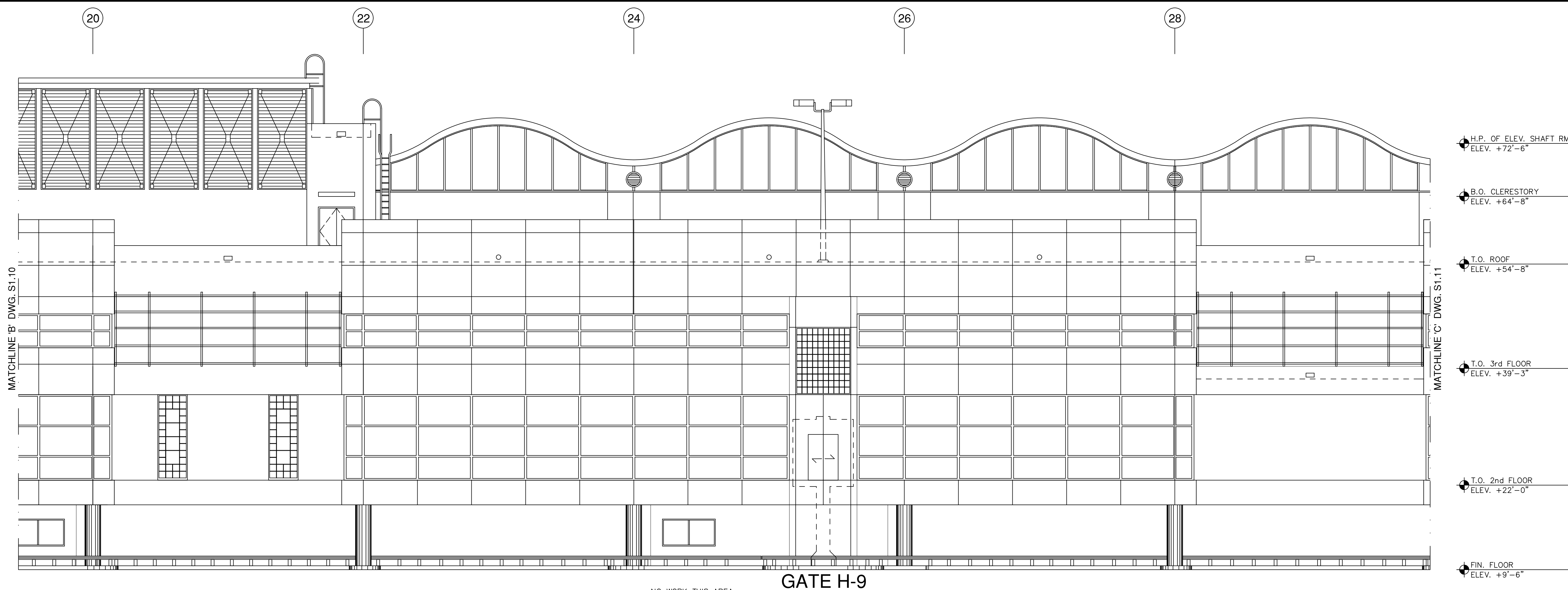
WEST ELEVATION

EXTERIOR ELEVATIONS

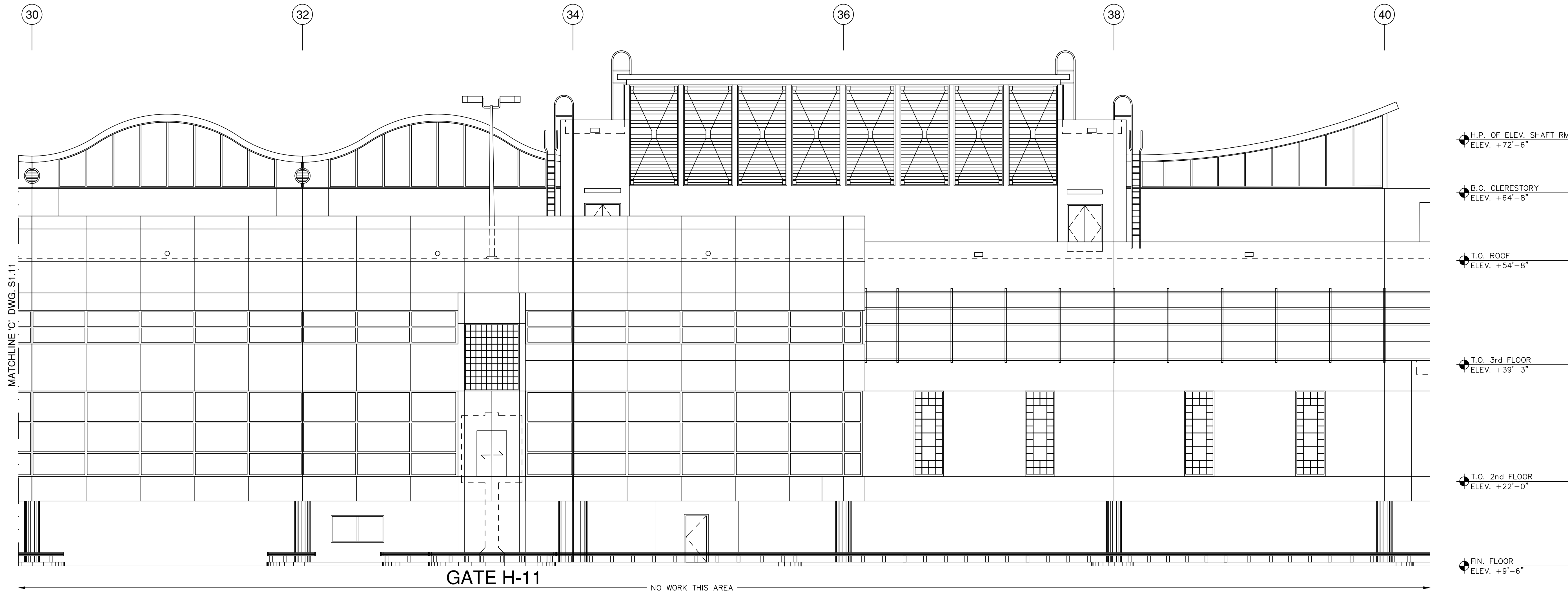
SCALE: 1/8" = 1'-0"

REVISIONS			
NO.	DATE	BY	DESCRIPTION
2	5/16/2022	CNZ	BLOG. DEPT. COMMENTS
1	3/8/2022	CNZ	BLOG. DEPT. COMMENTS

DATE:	FEBRUARY 4, 2022
SCALE:	AS SHOWN
DESIGN BY:	E.M.Z.
DRAWN BY:	C.N.Z.
REVIEWED BY:	E.M.Z.
PROJECT NO.:	18-0305.02
DRAWING TITLE:	WEST ELEVATION
DRAWING NO.:	S1.11



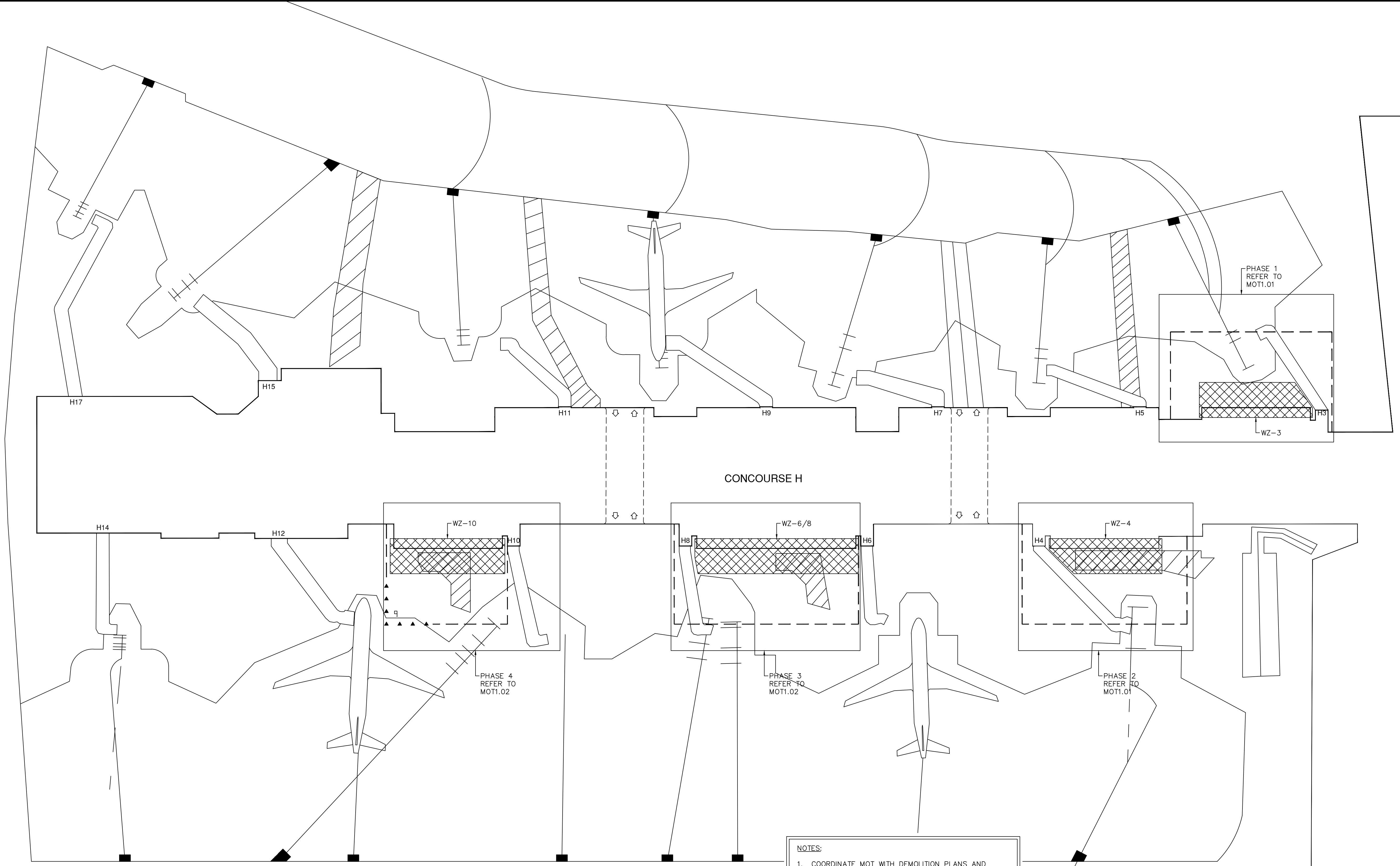
WEST ELEVATION



WEST ELEVATION

**EXTERIOR ELEVATIONS**

SCALE: 1/8" = 1'-0"



**NOTES:**

- COORDINATE MOT WITH DEMOLITION PLANS AND PHASING PLANS.
- CONTRACTOR SHALL RECEIVE APPROVED MOT PLAN INDICATING POSITION OF DEVICES FOR LAYOUT PRIOR TO START OF WORK.
- CONTRACTOR TO PROVIDE ACCESS TO FIRE DEPARTMENT AT ALL TIMES.
- GATES H3, H4, H8 AND H10 SHALL BE CLOSED DURING THIS WORK PHASING, ONLY ONE GATE TO BE CLOSED AT ANY GIVEN TIME AND CLOSED GATE SHALL BE COORDINATED WITH LANDSIDE AND AIRSIDE OPERATIONS.
- GATES H5, H6, H7, H9, H11, H12, H14, H15 AND H17 WILL REMAIN OPEN DURING THIS WORK PHASING.
- WORK OUTSIDE MOT SHALL BE COORDINATED WITH AIRSIDE OPERATIONS.
- PULL BACK OPERATION ARE TO BE APPLICABLE WHEN GROUP V AND B-767 AIRCRAFTS ARE ON TAXILANE.

**LEGEND:**

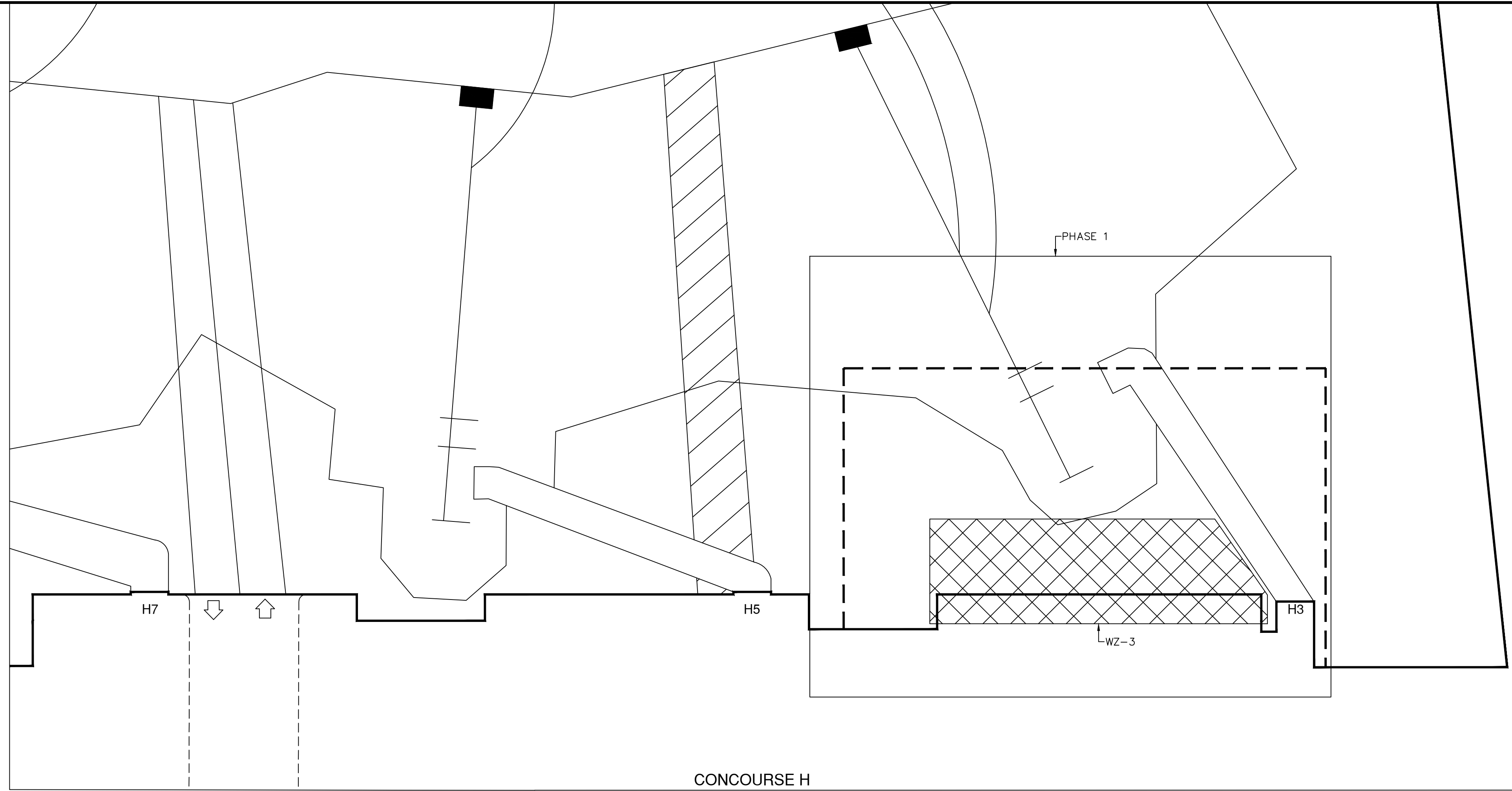
- LOW PROFILE BARRICADE 10 FT. O.C.
- ORANGE CONES - PULL BACK AREA - REMOVE MEN AND EQUIPMENT AT THE PASSAGE OF AN AIRCRAFT
- FLAGGER - DURING CONSTRUCTION TIME TO AWARE TEAM OF IN-COMING AIRCRAFTS
- WORK AREA

**MOT PLAN**  
 SCALE: 1" = 40'-0"  
 0 10' 20' 40' 80'  
 1" = 40'-0"  
 NORTH

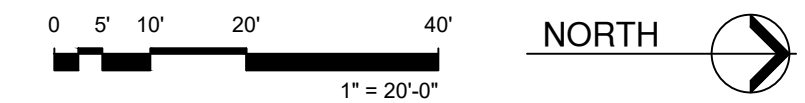
NO.		DATE		BY		REVISIONS	
						DESCRIPTION	
2	5/6/2022	CNZ				BLDG. DEPT. COMMENTS	
1	3/8/2022	CNZ				BLDG. DEPT. COMMENTS	

DATE: FEBRUARY 4, 2022  
 SCALE: AS SHOWN  
 DESIGN BY: E.M.Z.  
 DRAWN BY: C.N.Z.  
 REVIEWED BY: E.M.Z.  
 PROJECT NO.: 18-0305.02  
 DRAWING TITLE: MOT PLAN  
 DRAWING NO.: MOT1.00  
 SHEET NO.: 38 OF 42

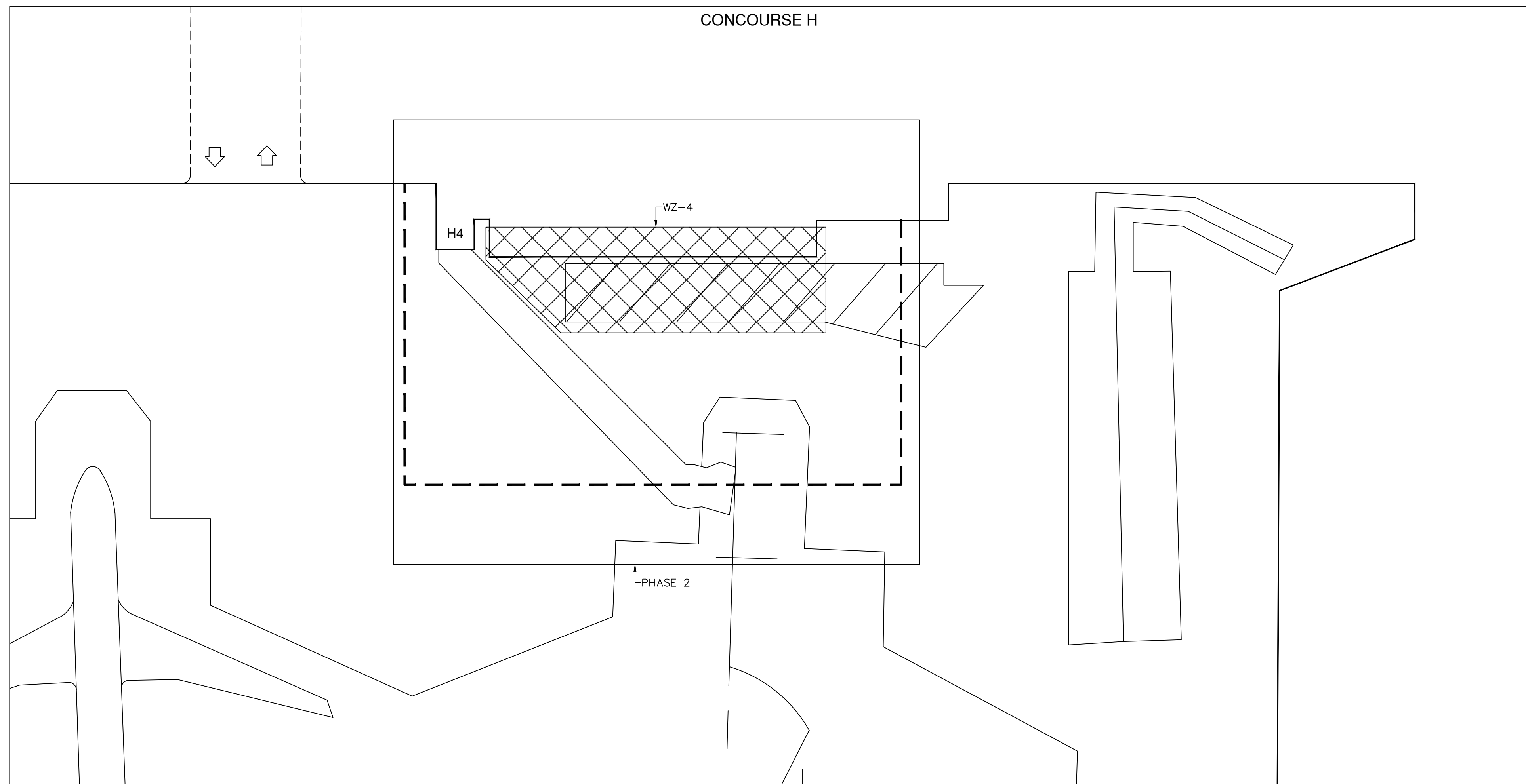
- PHASE 1 NOTES:**
- COORDINATE MOT WITH DEMOLITION PLANS AND PHASING PLANS.
  - CONTRACTOR SHALL RECEIVE APPROVED MOT PLAN INDICATING POSITION OF DEVICES FOR LAYOUT PRIOR TO START OF WORK.
  - CONTRACTOR TO PROVIDE ACCESS TO FIRE DEPARTMENT AT ALL TIMES.
  - GATE H3 SHALL BE CLOSED DURING THIS WORK PHASE. GATE CLOSURE SHALL BE COORDINATED WITH LANDSIDE AND AIRSIDE OPERATIONS.
  - GATES H4, H5, H6-8, H7, H9, H10, H11, H12, H14, H15 AND H17 WILL REMAIN OPEN DURING THIS WORK PHASE.
  - WORK OUTSIDE MOT SHALL BE COORDINATED WITH AIRSIDE OPERATIONS.
  - PULL BACK OPERATION ARE TO BE APPLICABLE WHEN GROUP V AND B-767 AIRCRAFTS ARE ON TAXILANE.
- LEGEND:**
- LOW PROFILE BARRICADE 10 FT. O.C.
  - ORANGE CONES - PULL BACK AREA - REMOVE MEN AND EQUIPMENT AT THE PASSAGE OF AN AIRCRAFT
  - FLAGGER - DURING CONSTRUCTION TIME TO AWARE TEAM OF IN-COMING AIRCRAFTS
  - WORK AREA



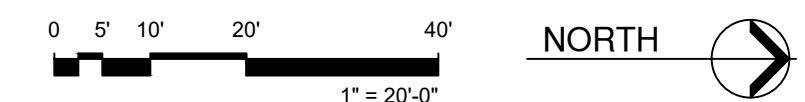
**MOT PLAN - PHASE 1**  
 SCALE: 1" = 20'-0"



- PHASE 2 NOTES:**
- COORDINATE MOT WITH DEMOLITION PLANS AND PHASING PLANS.
  - CONTRACTOR SHALL RECEIVE APPROVED MOT PLAN INDICATING POSITION OF DEVICES FOR LAYOUT PRIOR TO START OF WORK.
  - CONTRACTOR TO PROVIDE ACCESS TO FIRE DEPARTMENT AT ALL TIMES.
  - GATE H3 SHALL BE CLOSED DURING THIS WORK PHASE. GATE CLOSURE SHALL BE COORDINATED WITH LANDSIDE AND AIRSIDE OPERATIONS.
  - GATES H4, H5, H6-8, H7, H9, H10, H11, H12, H14, H15 AND H17 WILL REMAIN OPEN DURING THIS WORK PHASE.
  - WORK OUTSIDE MOT SHALL BE COORDINATED WITH AIRSIDE OPERATIONS.
  - PULL BACK OPERATION ARE TO BE APPLICABLE WHEN GROUP V AND B-767 AIRCRAFTS ARE ON TAXILANE.
- LEGEND:**
- LOW PROFILE BARRICADE 10 FT. O.C.
  - ORANGE CONES - PULL BACK AREA - REMOVE MEN AND EQUIPMENT AT THE PASSAGE OF AN AIRCRAFT
  - FLAGGER - DURING CONSTRUCTION TIME TO AWARE TEAM OF IN-COMING AIRCRAFTS
  - WORK AREA



**MOT PLAN - PHASE 2**  
 SCALE: 1" = 20'-0"



REVISIONS			
NO.	DATE	BY	DESCRIPTION
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1	3/8/2022	CNZ	BLOG. DEPT. COMMENTS

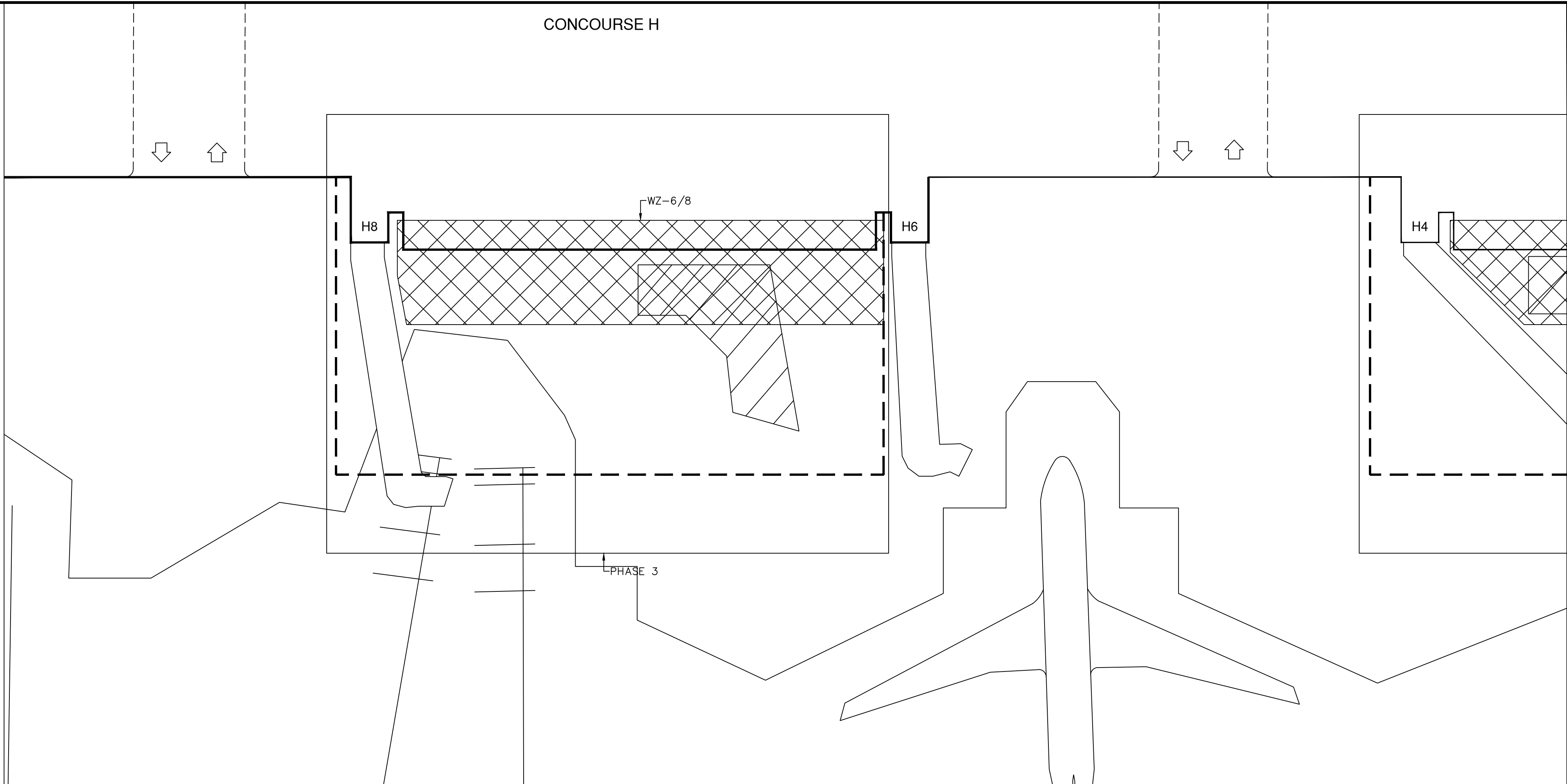
DATE: FEBRUARY 4, 2022  
 SCALE: AS SHOWN  
 DESIGN BY: E.M.Z.  
 DRAWN BY: C.N.Z.  
 REVIEWED BY: E.M.Z.  
 PROJECT NO.: 18-0305.02  
 DRAWING TITLE: MOT PLAN - PHASE 1 & 2  
 DRAWING NO.: MOT1.01

**PHASE 3 NOTES:**

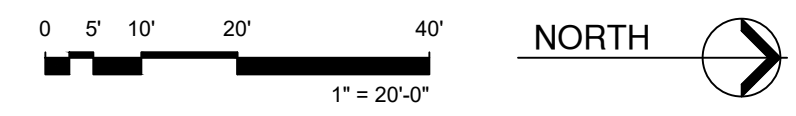
- COORDINATE MOT WITH DEMOLITION PLANS AND PHASING PLANS.
- CONTRACTOR SHALL RECEIVE APPROVED MOT PLAN INDICATING POSITION OF DEVICES FOR LAYOUT PRIOR TO START OF WORK.
- CONTRACTOR TO PROVIDE ACCESS TO FIRE DEPARTMENT AT ALL TIMES.
- GATE H8 SHALL BE CLOSED DURING THIS WORK PHASE. GATE CLOSURE SHALL BE COORDINATED WITH LANDSIDE AND AIRSIDE OPERATIONS.
- GATES H3, H4, H5, H6, H7, H9, H10, H11, H12, H14, H15 AND H17 WILL REMAIN OPEN DURING THIS WORK PHASE.
- WORK OUTSIDE MOT SHALL BE COORDINATED WITH AIRSIDE OPERATIONS.
- PULL BACK OPERATION ARE TO BE APPLICABLE WHEN GROUP V AND B-767 AIRCRAFTS ARE ON TAXILANE.

**LEGEND:**

- LOW PROFILE BARRICADE 10 FT. O.C.
- ORANGE CONES - PULL BACK AREA - REMOVE MEN AND EQUIPMENT AT THE PASSAGE OF AN AIRCRAFT
- FLAGGER - DURING CONSTRUCTION TIME TO AWARE TEAM OF IN-COMING AIRCRAFTS
- WORK AREA



**MOT PLAN - PHASE 3**  
 SCALE: 1" = 20'-0"

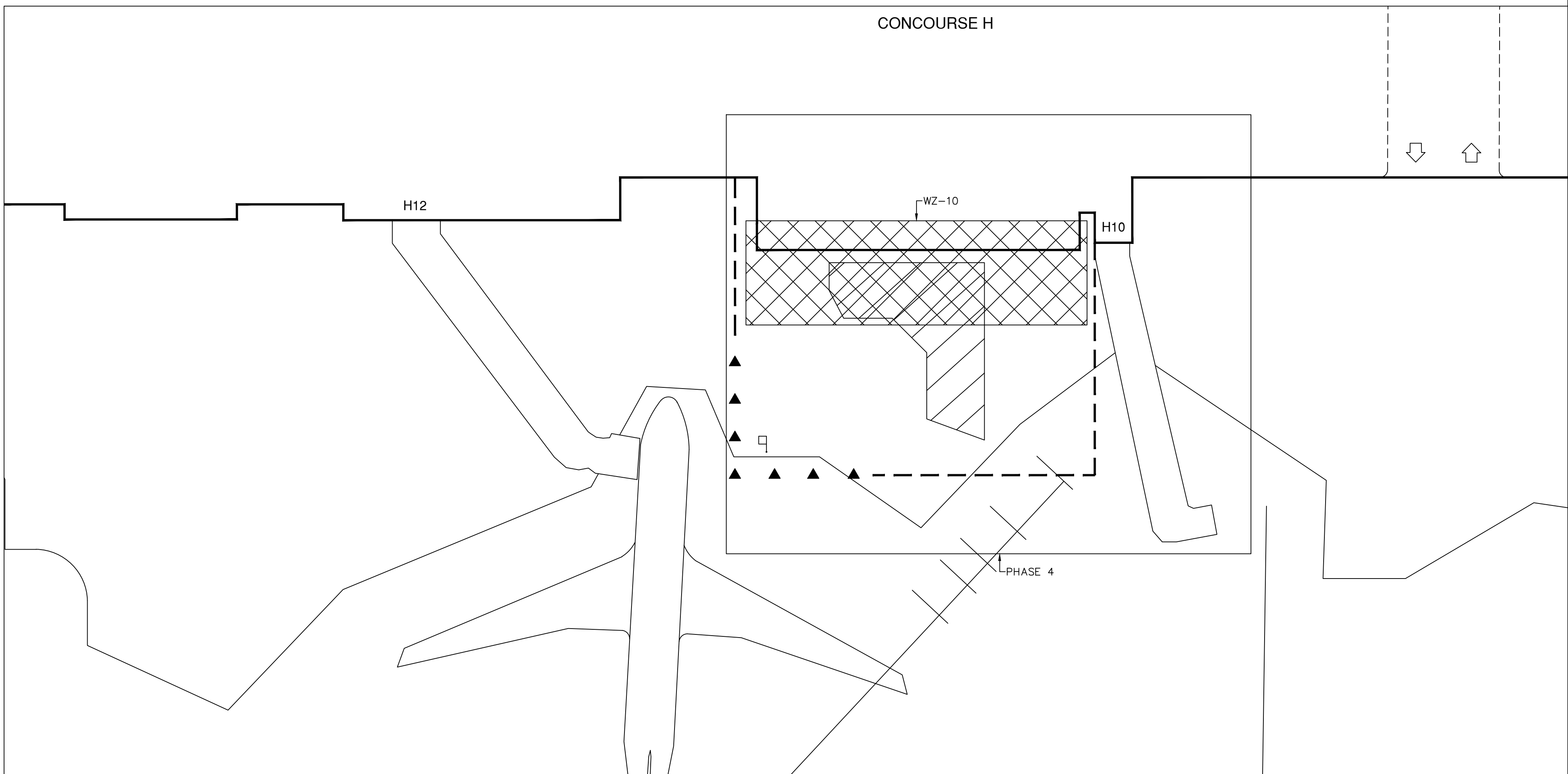


**PHASE 4 NOTES:**

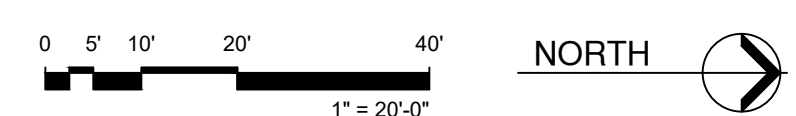
- COORDINATE MOT WITH DEMOLITION PLANS AND PHASING PLANS.
- CONTRACTOR SHALL RECEIVE APPROVED MOT PLAN INDICATING POSITION OF DEVICES FOR LAYOUT PRIOR TO START OF WORK.
- CONTRACTOR TO PROVIDE ACCESS TO FIRE DEPARTMENT AT ALL TIMES.
- GATE H10 SHALL BE CLOSED DURING THIS WORK PHASE. GATE CLOSURE SHALL BE COORDINATED WITH LANDSIDE AND AIRSIDE OPERATIONS.
- GATES H3, H4, H5, H6-B, H7, H9, H11, H12, H14, H15 AND H17 WILL REMAIN OPEN DURING THIS WORK PHASE.
- WORK OUTSIDE MOT SHALL BE COORDINATED WITH AIRSIDE OPERATIONS.
- PULL BACK OPERATION ARE TO BE APPLICABLE WHEN GROUP V AND B-767 AIRCRAFTS ARE ON TAXILANE.

**LEGEND:**

- LOW PROFILE BARRICADE 10 FT. O.C.
- ORANGE CONES - PULL BACK AREA - REMOVE MEN AND EQUIPMENT AT THE PASSAGE OF AN AIRCRAFT
- FLAGGER - DURING CONSTRUCTION TIME TO AWARE TEAM OF IN-COMING AIRCRAFTS
- WORK AREA



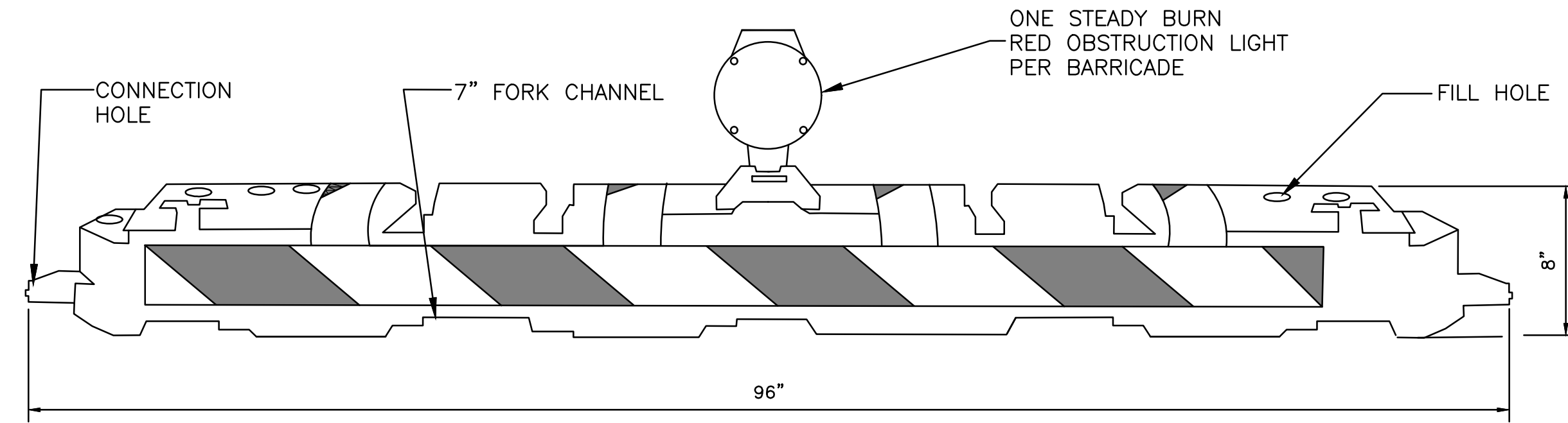
**MOT PLAN - PHASE 4**  
 SCALE: 1" = 20'-0"



REVISIONS			
NO.	DATE	BY	DESCRIPTION
2	5/16/2022	CNZ	BLOG. DEPT. COMMENTS
1	3/8/2022	CNZ	BLOG. DEPT. COMMENTS

DATE: FEBRUARY 4, 2022  
 SCALE: AS SHOWN  
 DESIGN BY: E.M.Z.  
 DRAWN BY: C.N.Z.  
 REVIEWED BY: E.M.Z.  
 PROJECT NO.: 18-0305.02  
 DRAWING TITLE: MOT PLAN - PHASE 3 & 4  
 DRAWING NO.: MOT1.02  
 SHEET NO.: 40 OF 42





**WATER FILLED LOW-PROFILE BARRICADE**  
N.T.S.

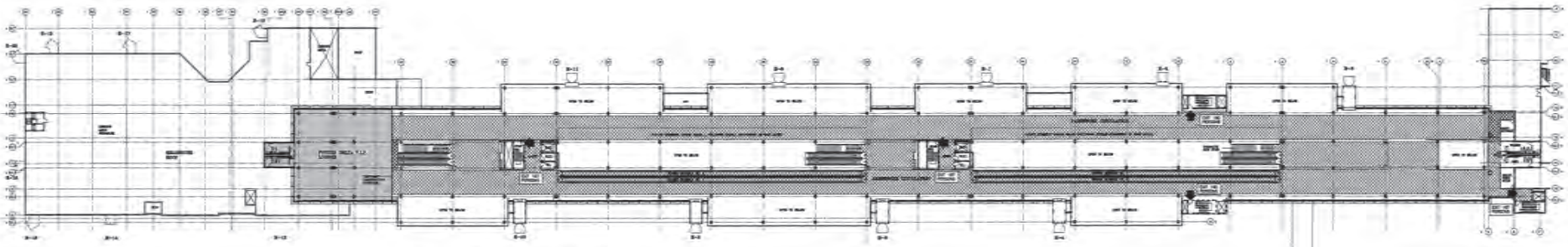
**NOTES:**

1. BARRICADES WITH STEADY BURNING RED LIGHTS LOCATED OVER PAVED AREAS TO BE PLACED AT 10' MAX. ON CENTER.
2. ALL BARRICADES SHALL BE MOVED AT LEAST ONCE A WEEK AND THE CONTRACTOR SHALL SWEEP THE DEBRIS THAT HAS ACCUMULATED AND REMOVE THIS DEBRIS FROM SITE. THE BARRICADES SHALL THEN BE REPLACED AT THE APPROPRIATE LOCATION.
3. ALL BARRICADE LIGHTING SHALL BE VERIFIED BY THE CONTRACTOR FOR PROPER OPERATION AT THE BEGINNING AND END OF EACH DAY BEFORE CONTRACTOR BEGINS AND CEASES OPERATION.
4. THESE BARRICADES TO BE USED WITHIN THE PROJECT MOT IN ORDER TO ENSURE EACH CONTRACTOR CONTAINS AND SAFES-UP THEIR WORK.
5. BARRICADES SHALL BE FILLED WITH WATER OR SAND TO PREVENT MOVEMENT FROM JET BLAST.

NO.	DATE	BY	DESCRIPTION
2	5/6/2022	CNZ	BLOG. DEPT. COMMENTS
1	3/8/2022	CNZ	BLOG. DEPT. COMMENTS

DATE:	FEBRUARY 4, 2022
SCALE:	AS SHOWN
DESIGN BY:	E.M.Z.
DRAWN BY:	C.N.Z.
REVIEWED BY:	E.M.Z.
PROJECT NO.:	18-0305.02
DRAWING TITLE:	MOT TYPICAL DETAILS
DRAWING NO.:	MOT1.03

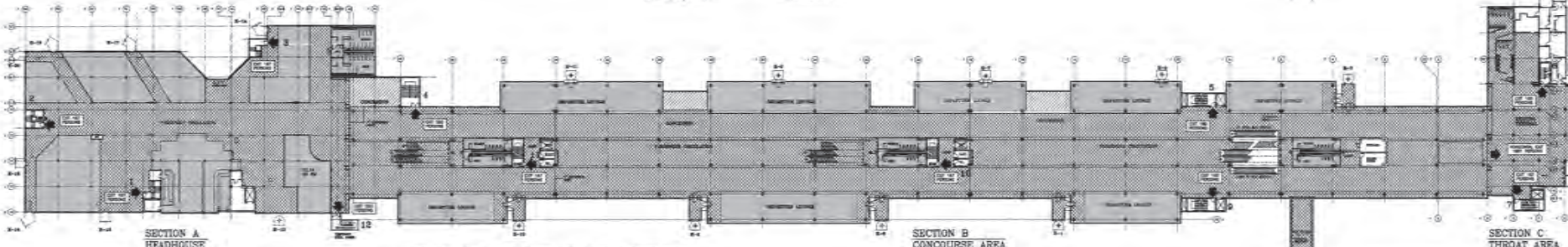
Date:	JUNE 10, 1997
Issued:	
Drawn:	
Checked:	J.P.P.
Proj. No.:	9708P031



**THIRD FLOOR LOAD OCCUPANCY EXIT CALCULATIONS**

CIRCULATION:	28,125 SQ' / 100 = 281 PERSONS	STAIRWAY CAPACITY PROVIDED:	1 STAIR AT 52 INCHES = 52 INCHES
OFF LOUNGE:	3,615 SQ' / 215 = 168 PERSONS	1 STAIR AT 48 INCHES = 48 INCHES	3 STAIR AT 58 INCHES = 156 INCHES
TOTAL NUMBER OF PERSONS TO SERVE:	= 449 PERSONS	TOTAL:	256 INCHES
			250 INCHES / 0.3 = 833 PERSONS

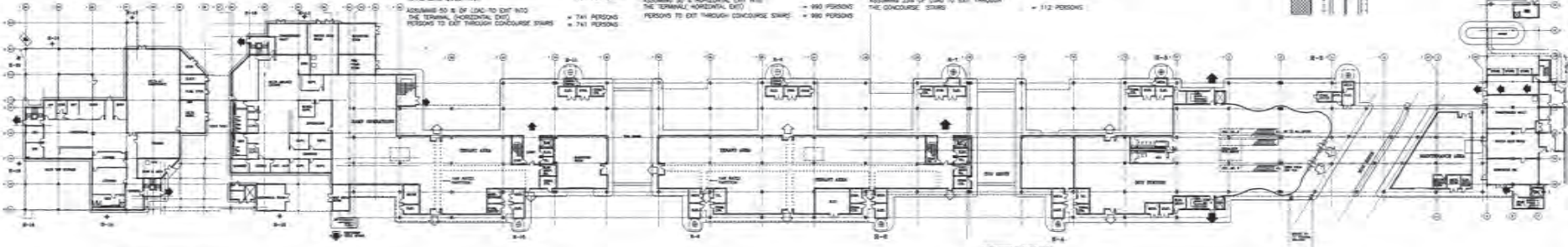
THIRD FLOOR PLAN



**SECOND FLOOR LOAD OCCUPANCY EXIT CALCULATIONS**

<b>SECTION A HEADHOUSE AREA</b>	<b>SECTION B CONCOURSE AREA</b>	<b>SECTION C TERMINAL THROAT AREA</b>	<b>TOTAL LOAD OCCUPANCY</b>
CIRCULATION AREA: 12,887 S.F. / 100 = 129	CIRCULATION AREA: 57,412 S.F. / 100 = 574	SPRINKLER LOBBY: 4,222 S.F. / 10 = 421	SECTION A - 741 PERSONS
RESTROOMING / BATH: 2,180 S.F. / 10 = 218	SEATING AREA: 17,577 S.F. / 15 = 1172	STAIR / LOUNGE: 1,200 S.F. / 10 = 120	SECTION B - 693 PERSONS
SEATING AREAS: 15,488 S.F. / 18 = 860	TOILET AREAS: 2,590 S.F. / 15 = 173	TOILET AREA: 1,180 S.F. / 10 = 118	SECTION C - 112 PERSONS
WOMEN'S GROOM ROOM: 1,880 S.F. / 10 = 188	TOILET URINE: 80 S.F. / 11 = 73	TOILET URINE: 24 S.F. / 11 = 22	TOTAL: 1646 PERSONS TO SERVE IN CONCOURSE
VEHICLE AREAS: 1,380 S.F. / 10 = 138			
PUBLIC AREAS: 29,710 S.F. / 1 = 29			
TOTAL LOAD OCCUPANCY: 1481 PERSONS	TOTAL LOAD OCCUPANCY: 1479 PERSONS	TOTAL LOAD OCCUPANCY: 444 PERSONS	
ASSUMING 50% OF LOAD TO EXIT INTO THE TERMINAL HORIZONTAL EXITS: 741 PERSONS	ASSUMING 50% HORIZONTAL EXIT INTO THE TERMINAL HORIZONTAL EXITS: 740 PERSONS	ASSUMING 25% OF LOAD TO EXIT THROUGH THE CONCOURSE STAIRS: 112 PERSONS	
PERSONS TO EXIT THROUGH CONCOURSE STAIRS: 741 PERSONS	PERSONS TO EXIT THROUGH CONCOURSE STAIRS: 740 PERSONS		

SECOND FLOOR PLAN



GROUND FLOOR PLAN

MAXIMUM TRAVEL DISTANCES & EGRESS-ONE WAY: WITH APPENDIX A, 5.1.5, TABLE A-5.1-5.1; SPEC SHEET 21-A

OCCUPANCY	TRAVEL UNOBSTRUCTED	DISTANCE	CODE
ASSEMBLY	100 FT	200 FT	NFPA SPEC.
OFFICE	200 FT	300 FT	NFPA SPEC.
LOBBY	200 FT	400 FT	SPEC. 903.9.1-7.5

OCCUPANCY	3000-000 LIMITS	CODE
ASSEMBLY	50 FT	NFPA SPEC.
OFFICE	20 FT	NFPA SPEC.
LOBBY	50 FT	NFPA SPEC.

- LEGEND:**
- MIN. WIDTH OF EGRESS FROM UPPER CONCOURSE LEVELS (MIN. 36" PERIOD)
  - MIN. WIDTH OF EGRESS FROM GROUND FLOOR FACILITIES
  - TEMPORARY MEANS OF EGRESS
  - WAITING AREAS / ASSEMBLY - PERSONS / 15 SQ. FT.
  - CIRCULATION / CONCOURSE - 1 PERSON / 100 SQ. FT.
  - BUSINESS - 1 PERSON / 120 SQ. FT.

**NOTES:**

1. OCCUPANT LOADS CALCULATED ARE BASED ON SUGGESTED LOAD FACTORS BY NFPA & IBC.

**LIFE SAFETY FEATURES**

CONCOURSE # 5 IS EQUIPPED WITH A FULLY FUNCTIONING FIRE SYSTEM AT ALL LEVELS. IT HAS A FIRE ALARM SYSTEM WHICH RELAYS DIRECTLY TO THE AIRPORT'S OPERATIONAL CONTROL CENTER. ROOM BUILDING IS DESIGNED WITH A 30 FOOT HIGH CEILING AT ITS CENTRAL SPINE, THAT WILL PERMIT SMOKE TO RISE AND BE DETECTED BY ONE OF THE SMOKE DETECTORS. THE BUILDING SMOKE EXHAUST SYSTEM WILL REMOVE THE SMOKE THROUGH THE EXHAUST PANS LOCATED AT THE ROOF LEVEL. FINALLY, CONCOURSE # 5 HAS A PUBLIC ADDRESS SYSTEM THAT IS CAPABLE OF ADVISING OCCUPANTS ON HOW TO PROCEED IN THE EVENT OF AN EMERGENCY.

**STAIRWAY CAPACITY**

STAIR	WIDTH	CAPACITY
1	52	187
2	52	187
3	52	187
4	52	187
5	52	187
6	52	187
7	52	187
8	52	187
9	52	187
10	52	187
11	52	187
12 (TEMPORARY)	52	187
TOTAL	628 INCHES	2,253 PERSONS

**LIFE SAFETY PLAN - PROJECT COMPLETION**

**RECORD DRAWING**

THIS DRAWING CONTAINS AS-BUILT INFORMATION RECORDED IN FIELD BY CENTER ROONEY INC. GENERAL CONTRACTORS AS MARKED ON PRINTS OF CONSTRUCTION DRAWINGS UNDER C.A.D. CONTRACT 90038432-1 BY PEREZ & PEREZ ARCHITECTS PLANNERS, INC.

**FOR REFERENCE ONLY**