

WILMINGTON INTERNATIONAL AIRPORT (ILM)
ILM AIRPORT BOULEVARD AND PARKING IMPROVEMENTS - PHASE II

1740 AIRPORT BLVD.
WILMINGTON, NC 28405

100% BID SET
VOL. II - TERMINAL EXPANSION, ALTERATIONS, AND CONNECTOR - ALTERNATE 2

03/14/2025

AEC PROJECT NUMBER
1003-0070-004

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1520 South Blvd., Suite 200
Charlotte, NC 28203
Phone: 704-752-0610, Fax: 704-949-2672
www.rsandh.com
North Carolina License Nos. 50073 *
F-0495 * C-28

CIVIL ENGINEERING:
RS&H
1520 SOUTH BLVD., SUITE 200
CHARLOTTE, NC 28203

MECHANICAL/ PLUMBING:
RS&H
1520 SOUTH BLVD., SUITE 200
CHARLOTTE, NC 28203

ARCHITECTURE:
RS&H
1520 SOUTH BLVD., SUITE 200
CHARLOTTE, NC 28203

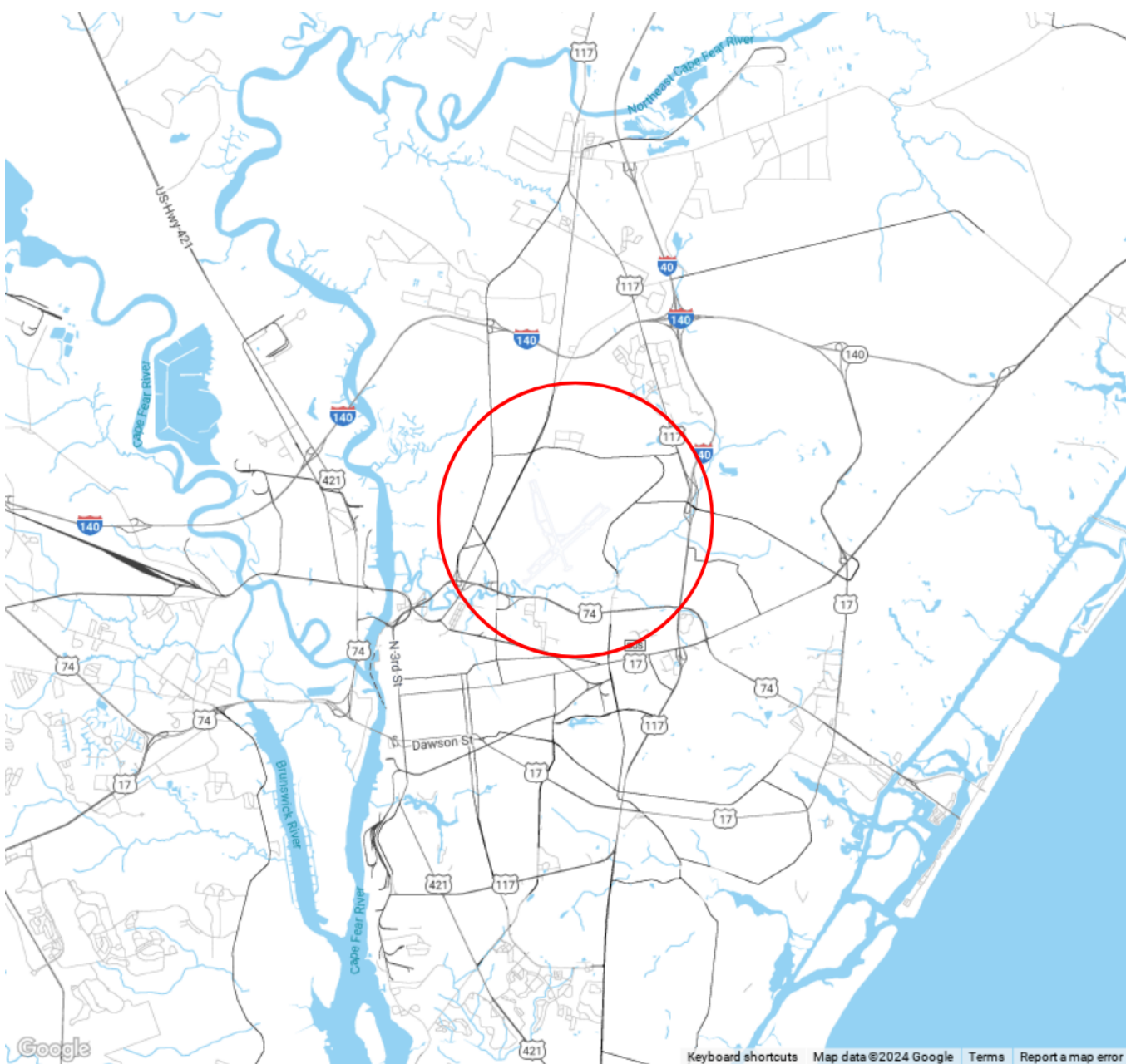
ELECTRICAL
RS&H
1520 SOUTH BLVD., SUITE 200
CHARLOTTE, NC 28203

STRUCTURAL
RS&H
1520 SOUTH BLVD., SUITE 200
CHARLOTTE, NC 28203

LIGHTING DESIGNER
HARTRANFT LIGHTING DESIGN
12 FULTON RD
ANDOVER, MA 01810

TECHNOLOGY/ SECURITY:
RS&H
1520 SOUTH BLVD.,SUITE 200
CHARLOTTE, NC 28203

WAYFINDING
APPLE DESIGNS
3739 NATIONAL DRIVE
SUITE 228
RALEIGH,NC 27612



N
AERIAL MAP



N
VICINITY MAP

REVISIONS		
NO.	DESCRIPTION	DATE

NOT ISSUED FOR
CONSTRUCTION

BUILDING ID: BLDG_ID







SCALE: 1/16" = 1'-0"



16 0 16 32

SCALE: 1/16" = 1'-0"

PARTITION LEGEND

- | | |
|---|--|
|  | EXISTING CONSTRUCTION TO BE DEMOLISHED |
|  | EXISTING CONSTRUCTION TO REMAIN |
|  | AREA NOT IN CONTRACT (NIC) U.N.O. |
|  | EXISTING CONSTRUCTION TO BE PARTIALLY DEMOLISHED AND/OR REPAIRED, U.N.O. |

GENERAL DEMOLITION NOTES

1. CONTRACTOR TO SCHEDULE AND COORDINATE WITH AIRPORT AND TENANTS PRIOR TO BEGINNING DEMOLITION WORK. MAINTAIN EXISTING OPERATIONS, PROTECT EXISTING FINISHES AND EQUIPMENT, AND RESTORE FINISHES AND EQUIPMENT IF DURING DEMOLITION REMOVED OR DAMAGED AS PART OF THE WORK OF THIS PROJECT.
2. NEITHER THE A/E OR OWNER GUARANTEE THE ACCURACY OF THE EXISTING CONDITIONS DEFINED WITHIN THE CONTRACT DOCUMENTS OR RECORD DRAWINGS. THE CONTRACTOR MUST VERIFY ALL EXISTING CONDITIONS.
3. DEMOLITION WORK MUST BE PHASED TO ACCOMMODATE NEW WORK. THE CONTRACTOR MUST BE RESPONSIBLE FOR COORDINATION AND SEQUENCING NEW AND DEMO WORK (SEE PHASING DIAGRAM). IN ORDER TO PROVIDE A FINISHED AND OCCUPIED USEABLE SPACE AT THE COMPLETION OF EACH PHASE OF THE WORK.
4. ALL DEMOLITION WORK, TEMPORARY REMOVAL OF EXISTING ELEMENTS, AND REINSTALLATION OF TEMPORARILY REMOVED ELEMENTS, FOR INSTALLATION OF NEW WORK MUST BE INCLUDED IN THE GENERAL CONTRACTOR'S BID. ANY STRUCTURAL FRAMING TO BE DEMOLISHED BY GENERAL CONTRACTOR MUST BE REVIEWED IN THE FIELD BY THE STRUCTURAL ENGINEER PRIOR TO DEMO WORK PROCEEDING, AS PART OF PRE-DEMOLITION MEETING.
5. WHEN ITEMS ARE SHOWN AS DEMOLISHED, ALL ASSOCIATED ABANDONED CONDUIT, WIRE HANGERS, STRAPS, AND SUPPORTS MUST ALSO BE REMOVED.
6. EXISTING UTILITIES ARE TO BE MAINTAINED DURING CONSTRUCTION. G. C. MUST NOTIFY THE AIRPORT AUTHORITY OF ANY DISRUPTIONS 72 HOURS IN ADVANCE AND PROVIDE INTERIM UTILITIES AS REQUIRED.
7. REFERENCE OTHER DISCIPLINES- STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, FIRE ALARM, DATA, FIRE SPRINKLERS, ETC. FOR ADDITIONAL DEMOLITION REQUIREMENTS.
8. THE AIRPORT/AIRLINE OPERATIONS MUST BE MAINTAINED AT ALL TIMES. THE CONTRACTOR'S WORK MAY BE INTERRUPTED IF AIRPORT/AIRLINE OPERATIONS ARE IMPACTED. THE CONTRACTOR'S SCHEDULE A SEQUENCE OF WORK MUST BE COORDINATED WITH THE AIRPORT & AIRLINES.
9. THE CONTRACTOR IS TO PROTECT EXISTING FINISHES, AND MAKE REPAIRS TO THE EXISTING FINISHES AND FIRE PROOFING WHERE DAMAGED OR REQUIRED FOR UNDER SLAB WORK AND CORES. AS PART OF THE NEW WORK ASSOCIATED WITH THIS PROJECT.
10. NOTES APPEAR ON VARIOUS DRAWINGS FOR DIFFERENT SYSTEMS AND MATERIALS. REVIEW ALL SHEETS AND APPLY NOTES TO RELATED BUILDING COMPONENTS.
11. REFER TO COMPLETE SET OF ISSUED CONTRACT DOCUMENTS FOR OTHER APPLICABLE NOTES, ABBREVIATIONS, AND SYMBOLS.
12. PARTITION TYPES AND FIRE RESISTIVE RATINGS INDICATED ON A WALL ARE TO BE CONTINUOUS FOR THE LENGTH AND HEIGHT OF A PARTITION.
13. DEMOLITION NOTES ARE TO DEFINE INTENT. DEMOLITION MUST INCLUDE ALL ITEMS INDICATED ON THE PLANS AND ALL OTHER ITEMS REQUIRED TO BE REMOVED IN ORDER TO ACCOMPLISH NEW CONSTRUCTION AND FINISHES INDICATED ELSEWHERE ON THE ENTIRE SET OF CONTRACT DOCUMENTS. ALL CONTRACTOR(S), SUBCONTRACTORS AND VENDORS MUST FIELD VERIFY ALL PRIOR TO DEMOLITION.
14. REMOVE ALL EXISTING CEILINGS, LIGHT FIXTURES, DUCTWORK AND DIFFUSERS IN THE AREA OF DEMOLITION U.O.
15. COORDINATE WITH OWNER'S REPRESENTATIVE FOR PROCEDURES REGARDING HANDLING OF DEBRIS, CONSTRUCTION MATERIALS AND EQUIPMENT.
16. DISPOSITIONS ARE TO FACE OF STUD. FACE OF EXISTING CONSTRUCTION OR COLUMN CENTER LINE UNLESS NOTED OTHERWISE (I.U.N.O.)
17. PROTECT EXISTING CONSTRUCTION. REPAIR OR REPLACE ALL EXISTING CONSTRUCTION SCHEDULED TO REMAIN DAMAGED BY SELECTIVE DEMOLITION OR BY NEW WORK PROGRESS.
18. PATCH EXISTING WHERE DEMOLITION OCCURRED TO MATCH NEW FINISH REQUIREMENTS AS NEEDED FOR AN UNDETECTABLE REPAIR.
19. ALL WORK SHALL CONFORM TO ALL APPLICABLE CODES, STANDARDS AND GOVERNING AUTHORITIES.
20. WHERE SPECIFIC DIMENSIONS, DETAILS AND DESIGN INTENT CANNOT BE DETERMINED, NOTIFY THE ARCHITECT IN WRITING BEFORE PROCEEDING WITH ANY WORK IN QUESTION.
21. ALL DIMENSIONS SHALL GOVERN, DO NOT SCALE DRAWINGS. NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES, OMISSIONS AND/OR CONFLICTS BEFORE PROCEEDING WITH THE WORK.
22. ALL DIMENSIONS SHALL BE VERIFIED ON SITE BEFORE PROCEEDING WITH THE WORK. NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES.
23. ALL MATERIALS TO BE NEW, UNUSED AND OF THE HIGHEST QUALITY IN EVERY RESPECT. UNLESS OTHERWISE NOTED, MANUFACTURED MATERIALS AND EQUIPMENT TO BE STORED AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN RECOMMENDATIONS AND INSTRUCTIONS.
24. ALL WORK AND MATERIALS TO BE GUARANTEED AGAINST DEFECTS FOR A PERIOD OF NOT LESS THAN ONE (1) YEAR AFTER APPROVAL OF FINAL PAYMENT.
25. PROVIDE FINAL CLEANING OF ALL AREAS OF WORK INCLUDING THE CONSTRUCTION ACCESS ROUTE. FINAL CLEANING TO INCLUDE WINDOWS AND CEILINGS.
26. ALL FINISHES TO BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND INSTRUCTIONS FOR THE TYPE OF MATERIAL AND INSTALLATION SPECIFIED.
27. PAINT TO BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S DIRECTIONS COVER PROPERLY PREPARED SURFACES. SURFACES TO BE STRAIGHT AND SMOOTH. PROVIDE MINIMUM ONE COAT PRIME AND ONE FINISH COAT. FINISH COAT TO COMPLETELY COVER WITH NO STREAKING OR BLEEDING OF UNDERCOATS.
28. SCHEDULE WITH THE BUILDING OWNER AND HIS REPRESENTATIVE FOR ANY CONSTRUCTION WORK THAT MAY DISTURB ADJACENT BUILDING TENANTS IN ANY WAY DURING NORMAL BUSINESS HOURS.
29. LIFE-SAFETY SYSTEMS ARE TO BE OPERATIONAL AT THE END OF EACH WORKDAY THROUGHOUT THE CONSTRUCTION PERIOD (NOT ONLY DURING DEMOLITION).
30. REQUIRED EXIST. SUSTAINING STRUCTURAL ELEMENTS, FIRE PROTECTION DEVICES AND SANITARY SAFEGUARDS SHALL BE MAINTAINED AT ALL TIMES DURING ALTERATIONS TO ANY BUILDING UNLESS PERMITTED BY SECTION 3.02.1 N.C.B.C.

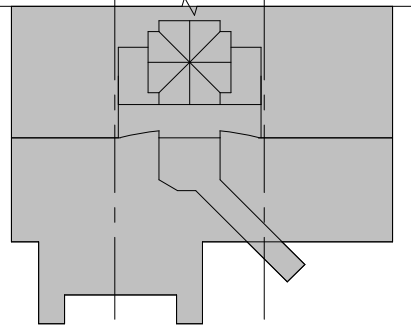
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North Carolina License Nos. 50073 *
F-0493 * C-28



PROJECT TITLE:
ILM AIRPORT BOULEVARD AND
PARKING IMPROVEMENTS - PHASE
II

PROJECT ADDRESS:
1740 AIRPORT BLVD.
WILMINGTON, NC 28405

KEY PLAN



EVISIONS

[illegible]

DATE ISSUED:	03/14/2025
REVIEWED BY:	SG
DRAWN BY:	KS
DESIGNED BY:	FG

PROJECT NUMBER:
1003-0070-004
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SEAL:

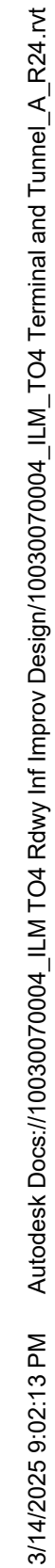
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SHEET TITLE:
OVERALL RAMP LEVEL
DEMOLITION PLAN

SHEET ID:

AD101-2

PROJECT STATUS:
100% BID SET

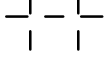
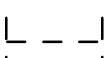




DEMOLITION KEYNOTE LEGEND	
KEY VALUE	KEYNOTE TEXT
01	DEMOLISH EXISTING DOOR, PATCH AND REPAIR AS REQUIRED TO PREPARE FOR NEW FINISH AS SHOWN NEW WORK PLANS.
02	DEMOLISH EXISTING WALL, PATCH AND REPAIR AS REQUIRED.
03	DEMOLISH EXISTING WALL, PATCH AND REPAIR AS NEEDED IN PREPARATION FOR NEW DOOR.
06	DEMOLISH PORTION OF EXISTING WALL, PATCH AND REPAIR AS REQUIRED.
08	DEMOLISH EXISTING WALL, PATCH AND REPAIR AS NEEDED TO CREATE OPENING TO NEW CONNECTOR.
022	DEMOLISH EXISTING WALL AND DOOR, PATCH AND REPAIR AS NEEDED.
023	DEMOLISH EXISTING STAIR IN PREPARATION FOR NEW STAIR PER NEW WORK PLANS.
038	DEMOLISH EXISTING LIGHTING, SEE ELECTRICAL FOR DETAILS, TYP.
047	CONTRACTOR TO REPLACE ANY DEMOLISHED FINISHES TO MATCH EXISTING.
049	CONTRACTOR TO COORDINATE SANITARY LINE IN BELOW SLAB WITH PLUMBING PLANS.

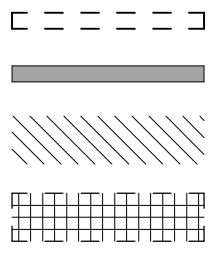
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PROJECT STATUS:



DEMOLITION CEILING PLAN LEGEND	
CEILING TYPES	
	2' X 2' SUSPENDED ACOUSTICAL CEILING TILE SYSTEM
	2' X 4' SUSPENDED ACOUSTICAL CEILING TILE SYSTEM
	5/8" GWB ON METAL FRAMING
	OPEN TO ABOVE

DEMOLITION PLAN LEGEND



EXISTING CONSTRUCTION TO BE DEMOLISHED

EXISTING CONSTRUCTION TO REMAIN

AREA NOT IN CONTRACT (NIC) U.N.O.

EXISTING CONSTRUCTION TO BE PARTIALLY DEMOLISHED AND/OR REPAIRED, U.N.O.

GENERAL DEMOLITION NOTES

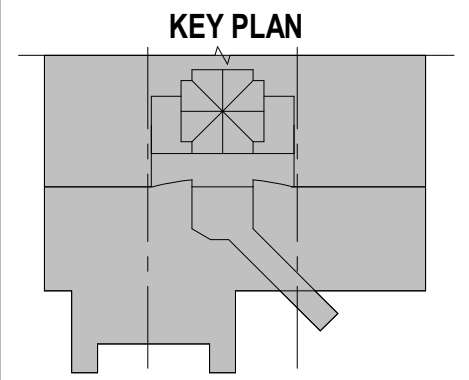
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RS&H
1520 South Blvd., Suite 200
Charlotte, NC 28203
Phone: 704-752-0610, Fax: 704-949-2672
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North Carolina License Nos. 50073 *
F-0493 * C-28



PROJECT TITLE:
ILM AIRPORT BOULEVARD AND
PARKING IMPROVEMENTS - PHASE
II

PROJECT ADDRESS:
1740 AIRPORT BLVD.
WILMINGTON, NC 28405

[illegible]

DATE ISSUED:	03/14/2025
REVIEWED BY:	SG
DRAWN BY:	KS
DESIGNED BY:	FG
PROJECT NUMBER:	
1003-0070-004	
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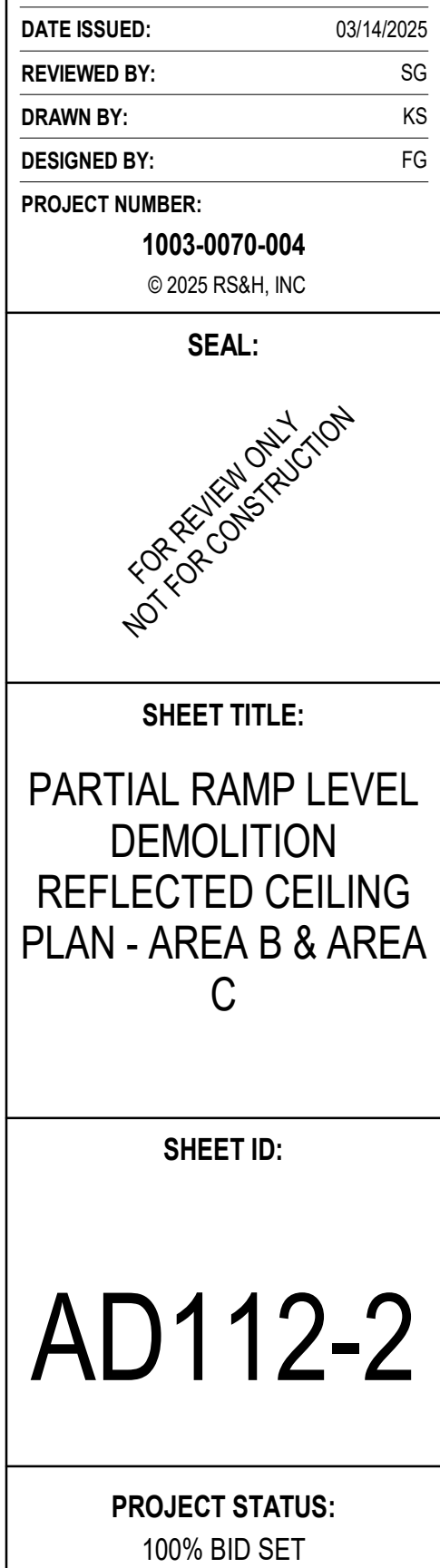
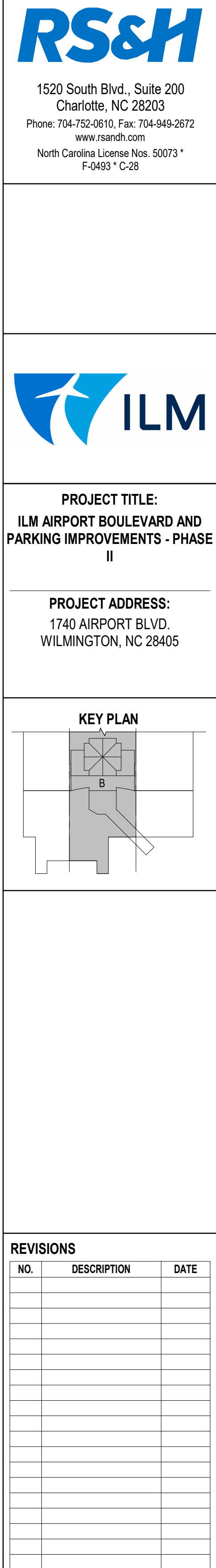
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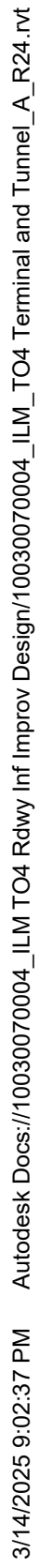
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SHEET TITLE:
OVERALL RAMP LEVEL
DEMOLITION
REFLECTED CEILING
PLAN

SHEET ID:
AD111-2

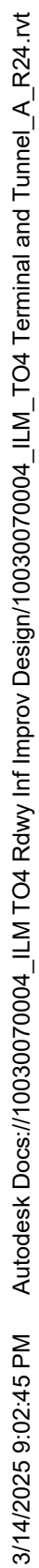
PROJECT STATUS:
100% BID SET



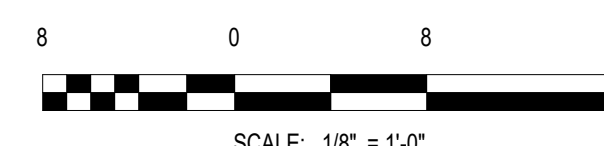
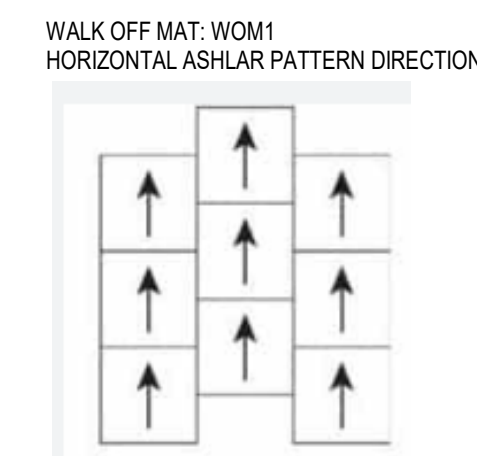


PROJECT STATUS:
100% BID SET





A1 PARTIAL RAMP LEVEL FLOOR PLAN - AREA C
SCALE: 1/8" = 1'-0"

[illegible]



PROJECT ADDRESS:
1740 AIRPORT BLVD.
WILMINGTON, NC 28405

[illegible]

DATE ISSUED:	03/14/2025
VIEWED BY:	SG
AWN BY:	KS
SIGNED BY:	FG

PROJECT NUMBER:
1003-0070-004
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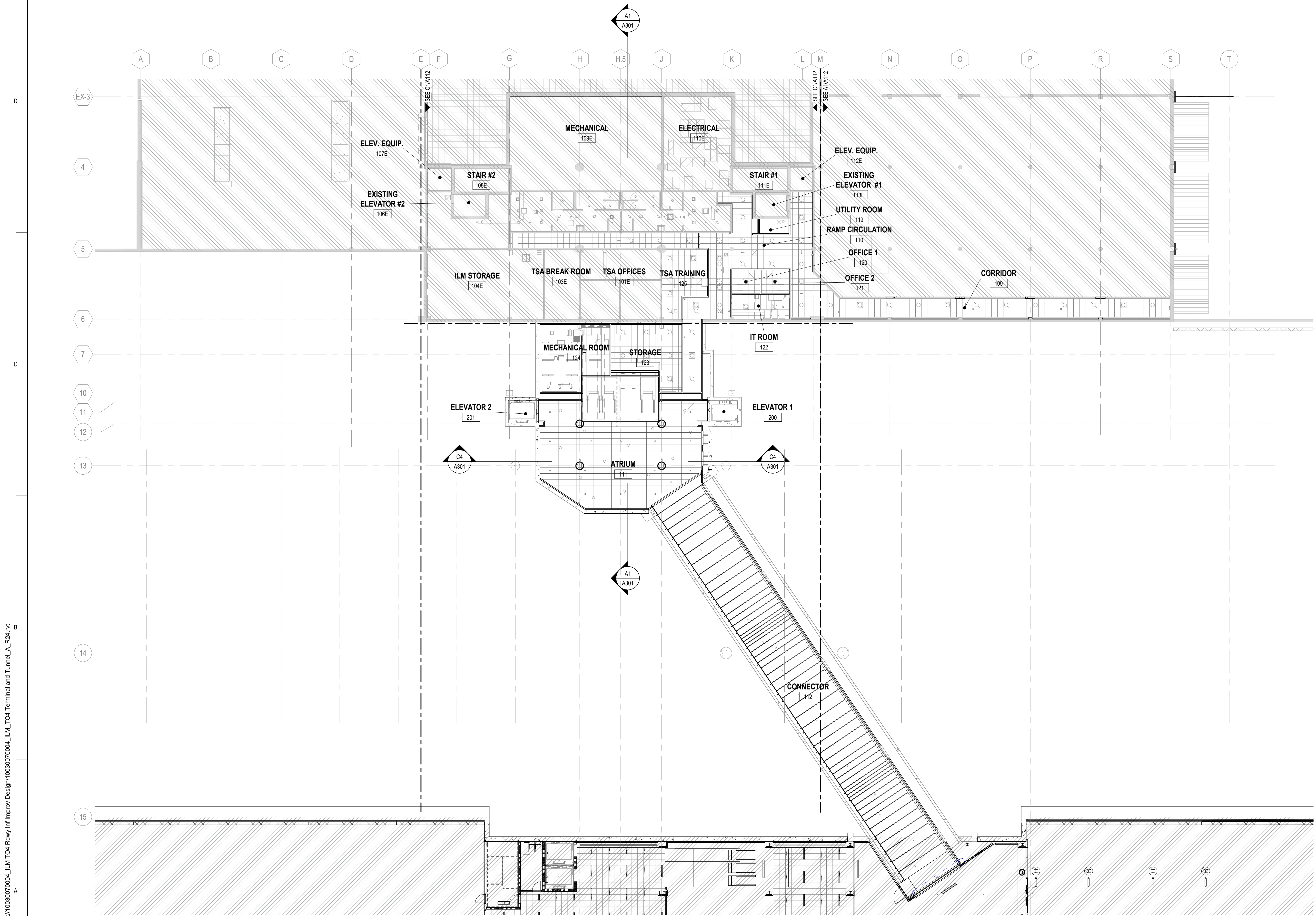
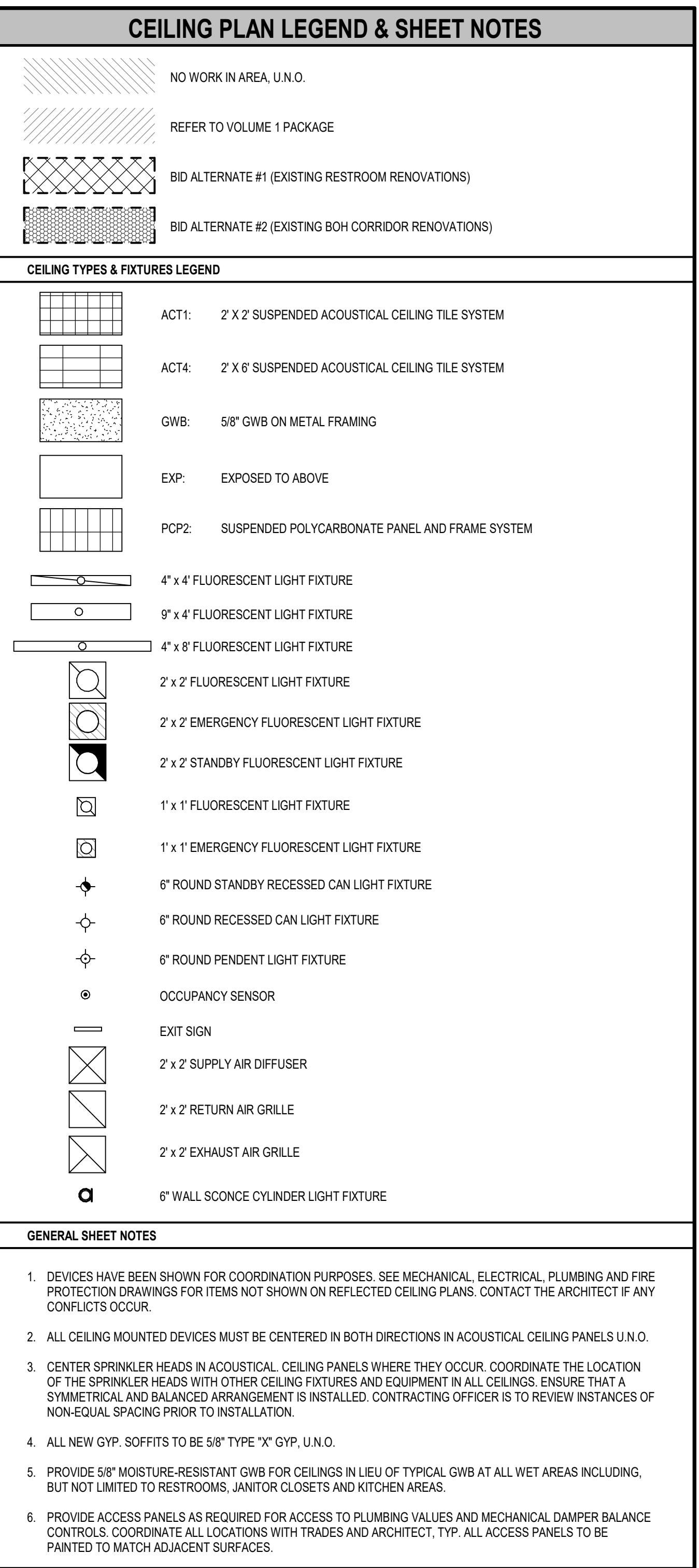
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OVERALL RAMP LEVEL
REFLECTED CEILING
PLAN

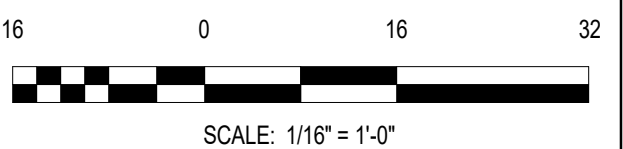
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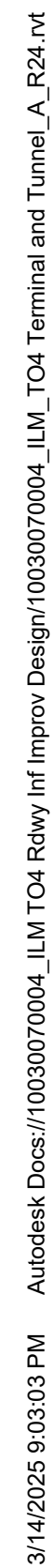
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PROJECT STATUS:
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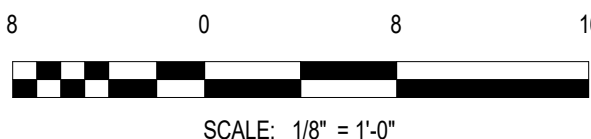


A1 OVERALL RAMP LEVEL REFLECTED CEILING PLAN
SCALE: 1/16" = 1'-0"





A1 PARTIAL RAMP LEVEL REFLECTED CEILING PLAN - AREA C
SCALE: 1/8" = 1'-0"



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PROJECT TITLE:
M AIRPORT BOULEVARD AND
RKING IMPROVEMENTS - PHASE
II

PROJECT ADDRESS:
40 AIRPORT BLVD.
DURHAM, NC 28405

REVISIONS

[illegible]

DATE ISSUED:	03/14/2025
VIEWED BY:	JH
AWN BY:	AS
SIGNED BY:	JH

PROJECT NUMBER:
2003-0070-004
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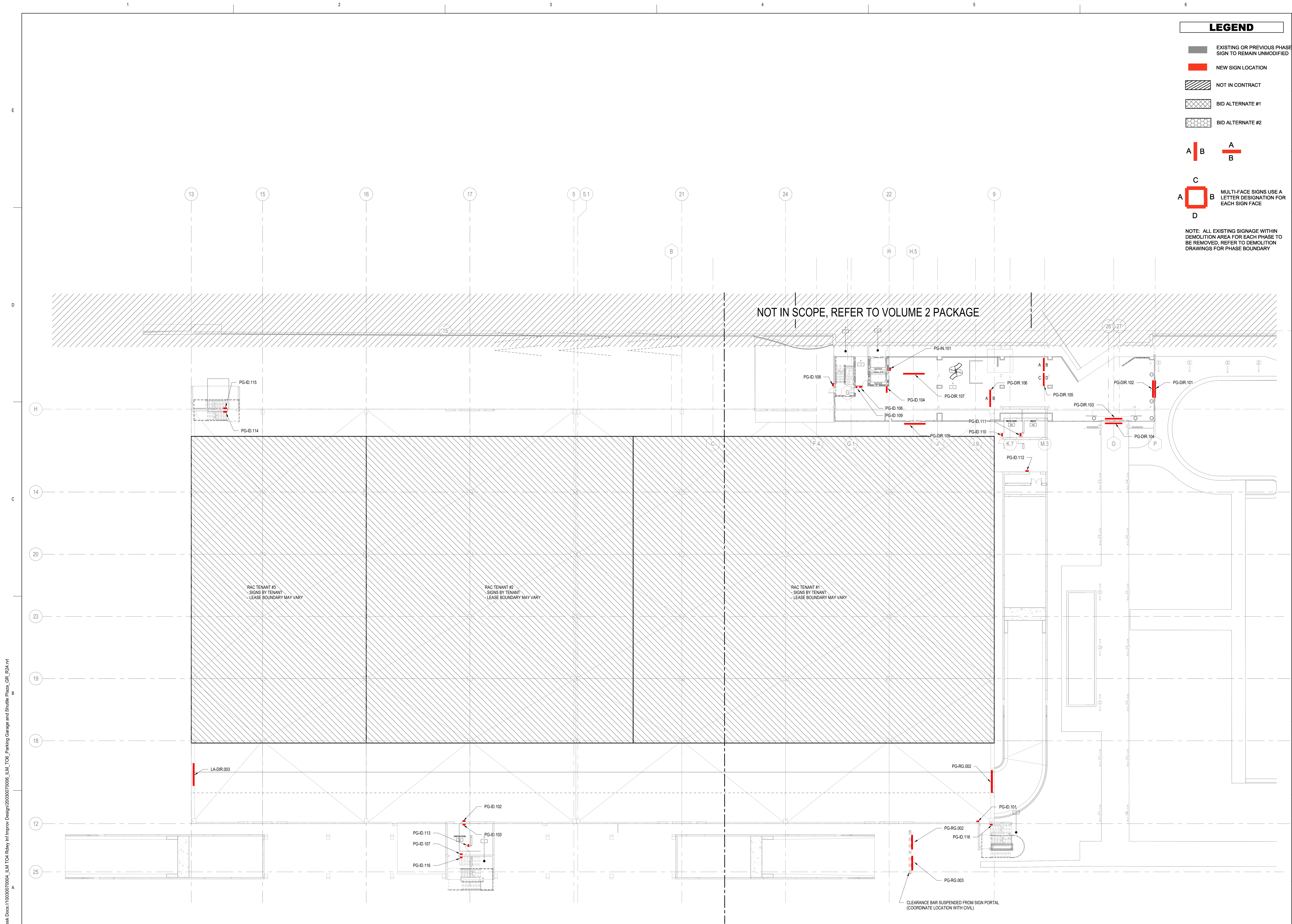
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OVERALL GROUND
FLOOR GARAGE SIGN
LOCATION PLAN - ALT
2

EET ID:

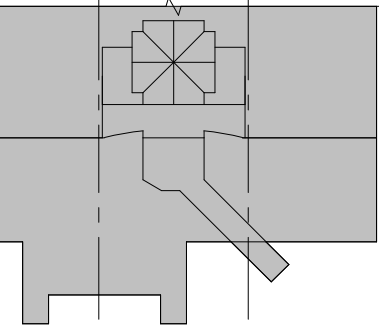
GR101-2

PROJECT STATUS:
100% BID SET





PROJECT ADDRESS:
1740 AIRPORT BLVD.
WILMINGTON, NC 28405

[illegible]

DATE ISSUED:	03/14/2025
REVIEWED BY:	KMN
DRAWN BY:	MA
DESIGNED BY:	RSS

PROJECT NUMBER:
1003-0070-004
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SEAL:

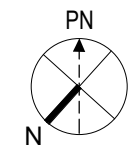
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SHEET TITLE:
OVERALL RAMP LEVEL
PLUMBING
DEMOLITION PLAN

SHEET ID:

PD101-2

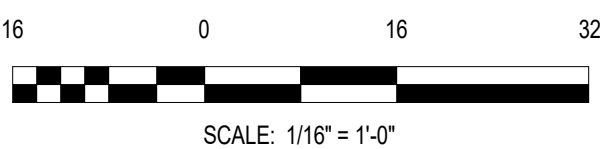
PROJECT STATUS:
100% BID SET



B2

OVERALL RAMP LEVEL PLUMBING DEMOLITION PLAN

SCALE: 1/16" = 1'-0"





PROJECT ADDRESS:
1740 AIRPORT BLVD.
WILMINGTON, NC 28405

[illegible]

DATE ISSUED: 03/14/2025

REVIEWED BY: KMN

DRAWN BY: CDW

DESIGNED BY: RSS

PROJECT NUMBER:
1003-0070-004
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SHEET TITLE:

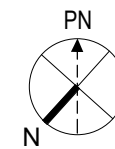
ENLARGED RAMP LEVEL PLUMBING DEMOLITION PLANS

SHEET ID:

PD401-2

PROJECT STATUS:

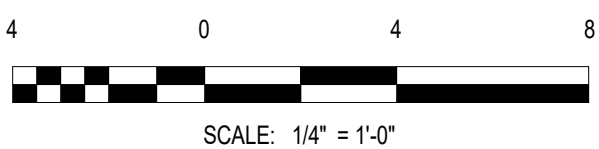
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C4

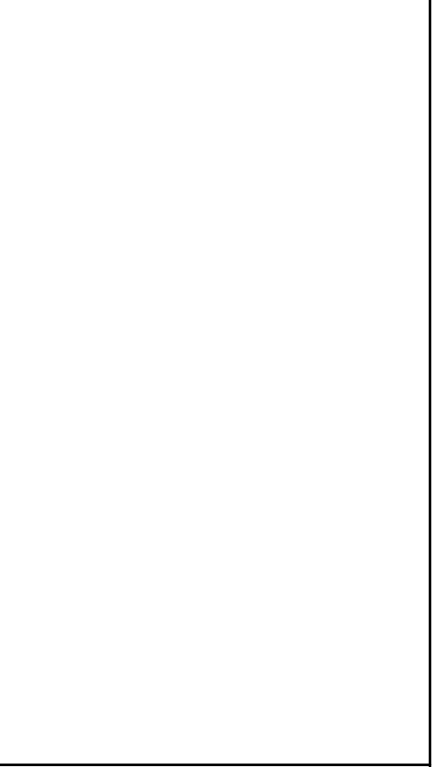
ENLARGED RAMP LEVEL PLUMBING DEMOLITION PLAN

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





PROJECT ADDRESS:
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WILMINGTON, NC 28405



REVISIONS

[illegible]

DATE ISSUED:	03/14/2025
VIEWED BY:	KMN
AWN BY:	MA
SIGNED BY:	RSS

PROJECT NUMBER:
1003-0070-004
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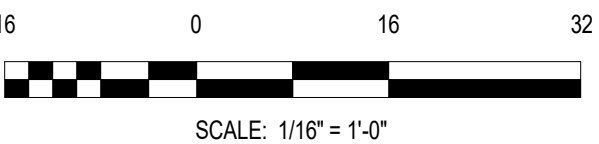
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SHEET TITLE:
OVERALL RAMP LEVEL
PLUMBING PLAN

SHEET ID:

P101-2

PROJECT STATUS:
100% BID SET





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[illegible]

DATE ISSUED:	03/14/2025
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DRAWN BY:	CDW
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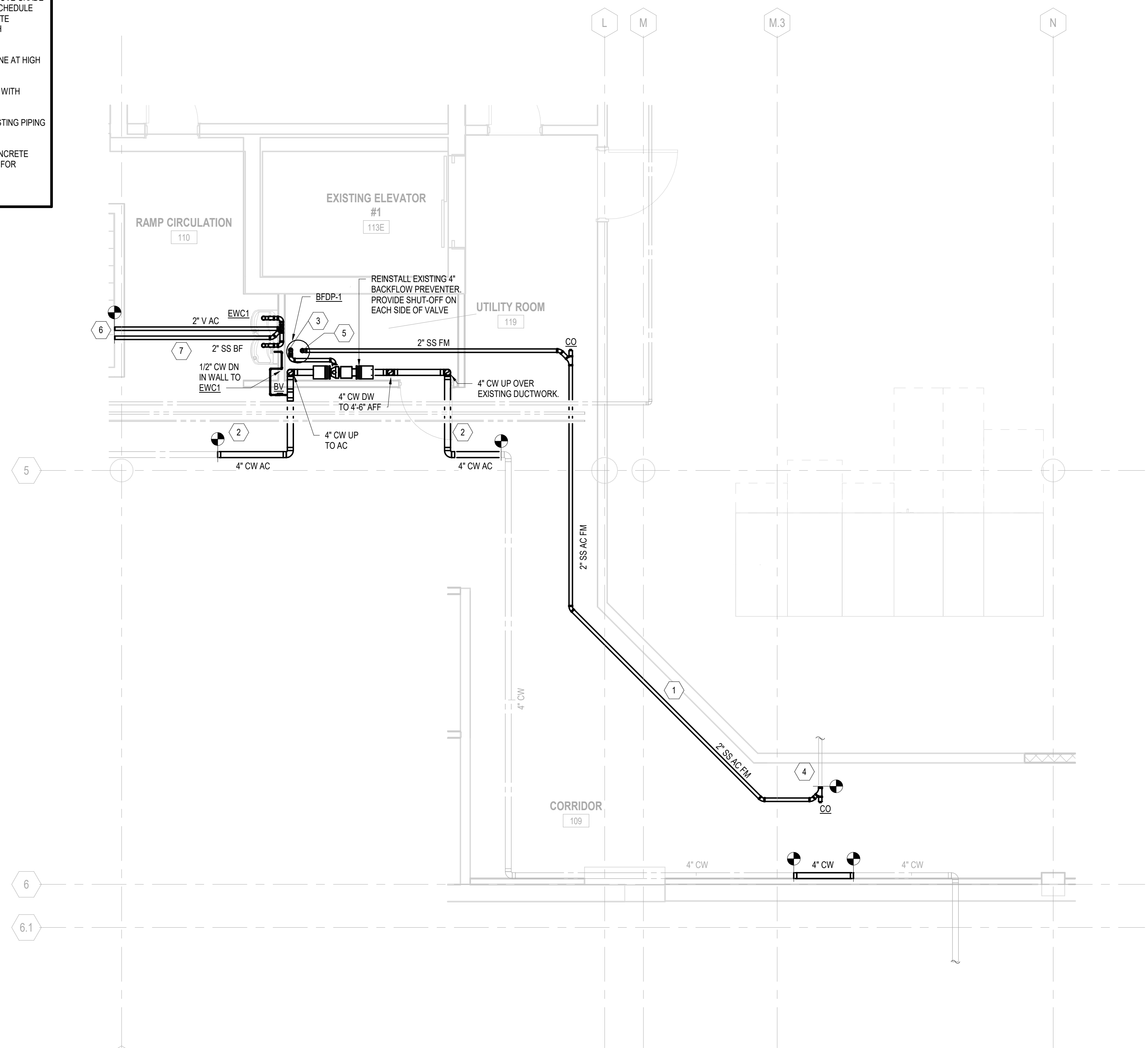
SHEET TITLE:
**ENLARGED RAMP
LEVEL PLUMBING
PLAN**

SHEET ID:

P401-2

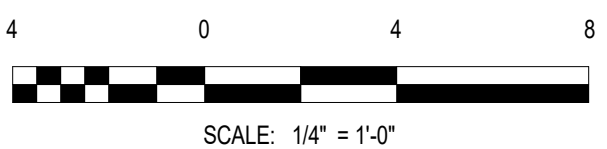
PROJECT STATUS:
100% BID SET

1. COORDINATING ROUTING OF 2" FORCE MAIN SANITARY SEWER WITH EXISTING SERVICES AND STRUCTURE. MAINTAIN EXISTING MINIMUM HEAD CLEARANCE.
2. COORDINATE ROUTING ON NEW 4" CW WITH EXISTING SERVICES AND STRUCTURE. MAINTAIN EXISTING MINIMUM HEAD CLEARANCE.
3. 2" DRAIN FROM BFP WITH AIR GAZ DISCHARGED INTO ABOVE GRADE SELF CONTAINED PUMP BEDP-1. SEE PLUMBING PUMP SCHEDULE FOR FLOW RATE FOR PUMP SELECTION DATA. COORDINATE LOCATION OF ELECTRICAL RECEPTACLE LOCATION WITH ELECTRICAL CONTRACTOR FOR BEDP-1.
4. CONNECT NEW 2" FM WASTE PIPE TO EXISTING DRAIN LINE AT HIGH LEVEL.
5. 2" SSFM FROM BEDP-1 UP TO HIGH LEVEL. COORDINATE WITH EXISTING SERVICES AND STRUCTURE.
6. CONNECT NEW 2" SS AND 2" V FROM NEW EWG1 INTO EXISTING PIPING FROM DEMOLISHED WATER COOLER.
7. COORDINATE DEMOLITION AND REPAIR OF EXISTING CONCRETE SLAB WITH STRUCTURAL. PROVIDE TEMPORARY COVER FOR TRENCH TO MAINTAIN ACCESS THROUGH CORRIDOR TO ELECTRICAL ROOM.



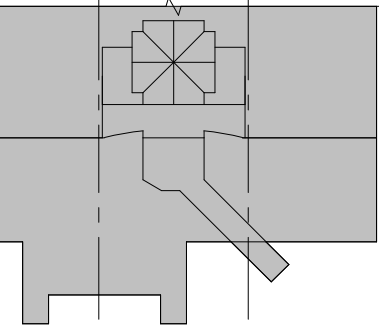
ENLARGED RAMP LEVEL PLUMBING PLAN

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





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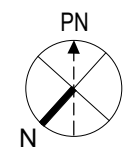
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SHEET TITLE:
**OVERALL RAMP LEVEL
MECHANICAL
DEMOLITION PLAN**

SHEET ID:

MD101-2

PROJECT STATUS:
100% BID SET



B2

OVERALL RAMP LEVEL MECHANICAL DEMOLITION PLAN

SCALE: 1/16" = 1'-0"





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VISIONS

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SHEET TITLE:

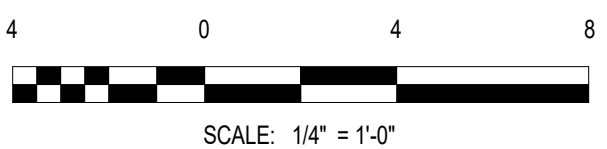
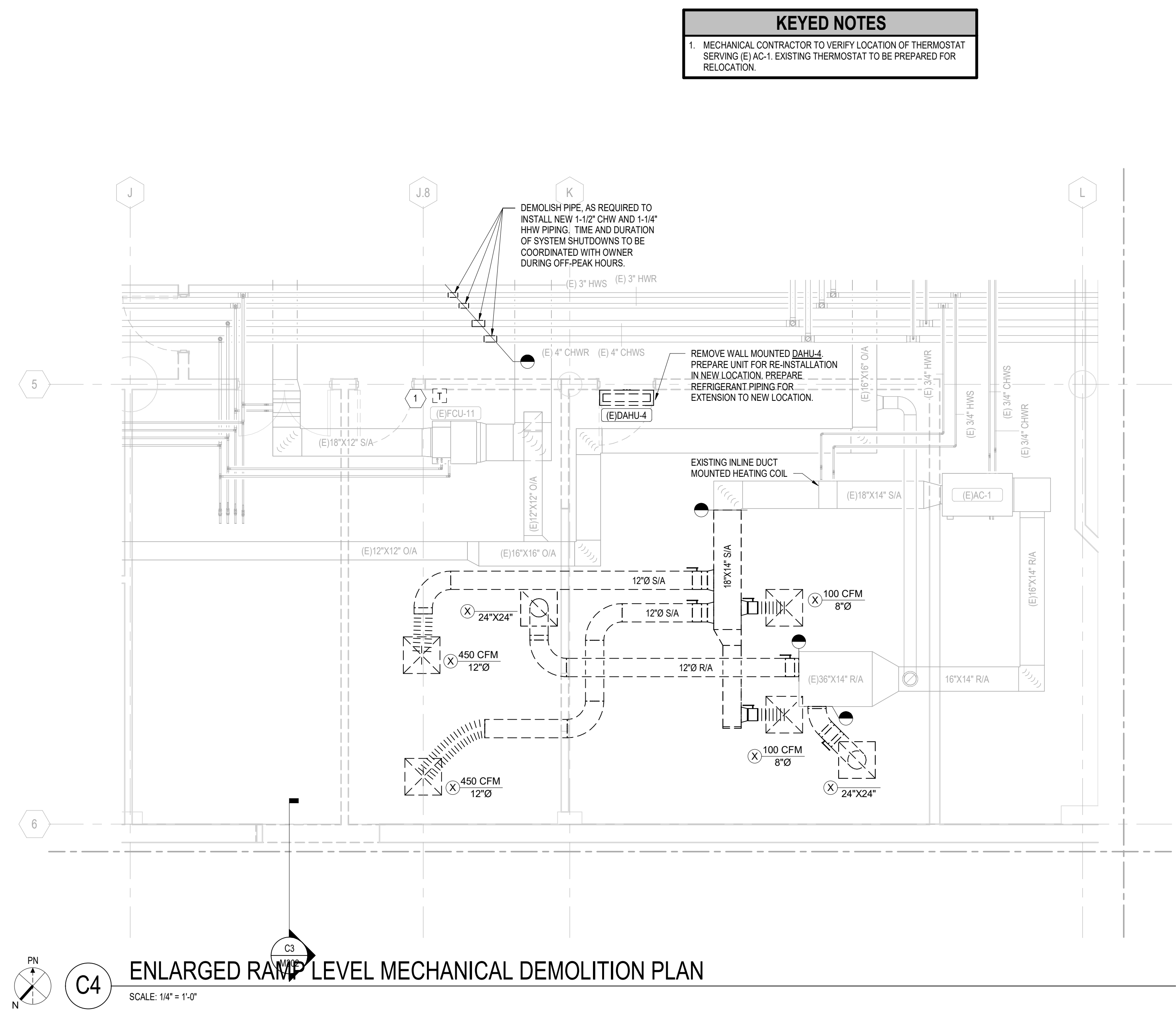
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LEVEL MECHANICAL
DEMOLITION PLAN

SHEET ID:

MD401-2

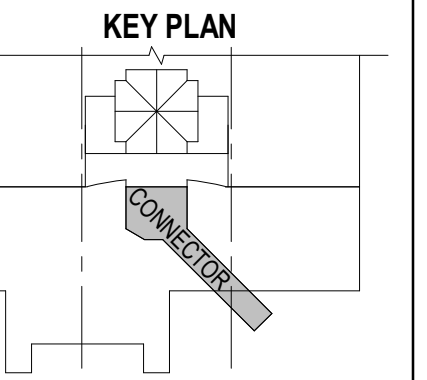
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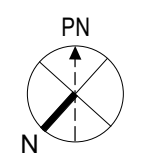
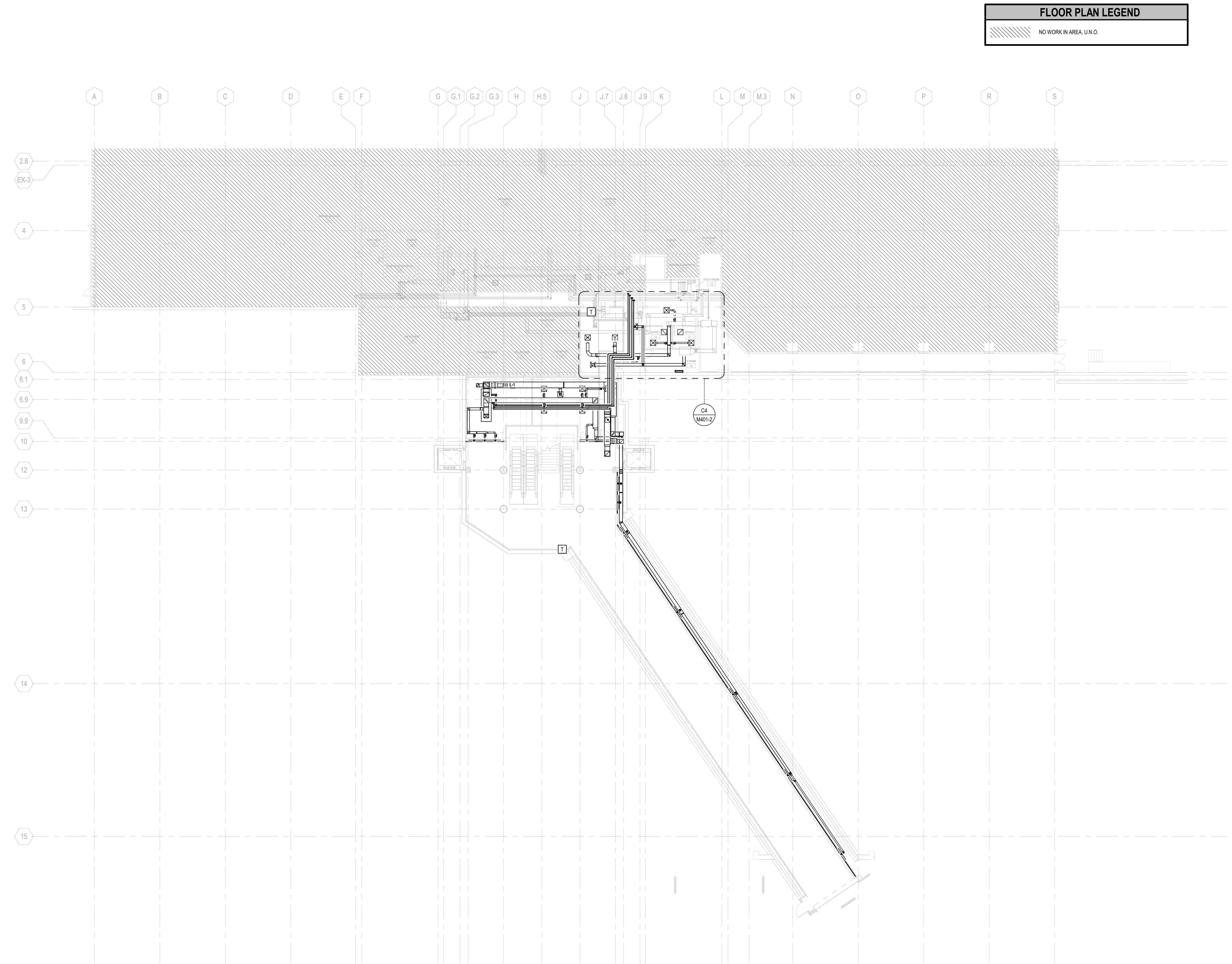
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OVERALL RAMP LEVEL
MECHANICAL PLAN

SHEET ID:

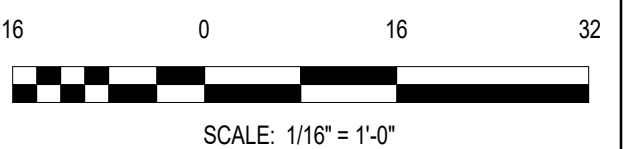
M101-2

PROJECT STATUS:
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A2 OVERALL RAMP LEVEL MECHANICAL PLAN

SCALE: 1/16" = 1'-0"





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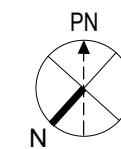
SHEET TITLE:

**ENLARGED RAMP
LEVEL MECHANICAL
PLAN**

SHEET ID:

M401-2

PROJECT STATUS:
100% BID SET



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

