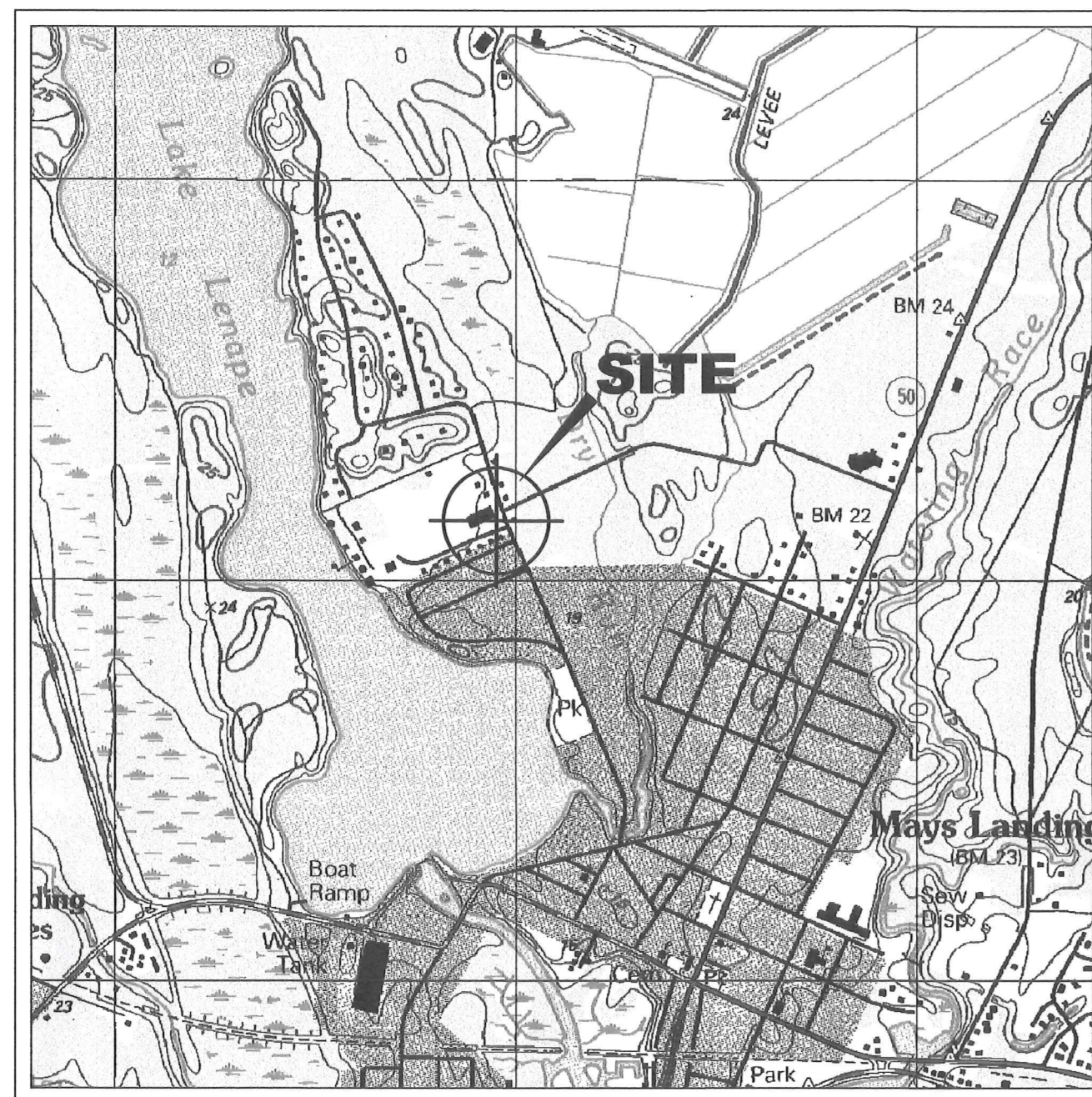


ATLANTIC



COUNTY

NEW JERSEY
DENNIS LEVINSON
COUNTY EXECUTIVE



LOCATION MAP
NTS.

SEPTEMBER 2020

LENAPE PARK EAST

CATERING HALL – EXTERIOR ATTIC ACCESS

753 PARK ROAD
BLOCK 588 – LOT 75.01
HAMILTON TOWNSHIP, NEW JERSEY

FOR THE
ATLANTIC COUNTY GOVERNMENT

PREPARED BY:

CBArchitect

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(609) 432-0940 Cristina Buendicho, AIA
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CZAREngineering

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LAMONT CZAR – PROFESSIONAL ENGINEER
NJ Lic. GE36827 PA Lic. PE-039589-R
MD Lic. 18047 NY Lic. 066456

APPROVED BY COUNTY EXECUTIVE:

DENNIS LEVINSON

10-6-20
DATE

GENERAL NOTES

- CONTRACTOR TO VERIFY EXISTING CONDITIONS AND DIMENSIONS AND SHALL REVIEW THE DRAWINGS AND SPECIFICATIONS PRIOR TO BIDDING. WORK SHALL BE PERFORMED IN ACCORDANCE WITH THESE PLANS AND THE SPECIFICATIONS, INCLUDING BUT NOT LIMITED TO THE FOLLOWING NOTES.
- THE ENGINEER SHALL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S PERFORMANCE, NONPERFORMANCE, NEGLIGENCE, PERFORMANCE, OR BREACH OF THE CONTRACT. CONTRACTOR SHALL INDEMNIFY, INSURE AND HOLD HARMLESS THE ENGINEER AND EACH OF HIS DIRECTORS, OFFICERS, EMPLOYEES, ATTORNEYS, AGENTS, SUBCONSULTANTS, HEIRS AND ASSIGNS, AGAINST AND HOLD EACH OF THEM HARMLESS FROM ANY LOSS, LIABILITIES, DAMAGES, CLAIMS, CAUSES OF ACTION, COSTS AND EXPENSES, INCLUDING REASONABLE ATTORNEY'S FEES AND DISBURSEMENTS, SUFFERED OR INCURRED BY ANY OF THEM ARISING OUT OF, RESULTING FROM, ATTRIBUTABLE TO, OR IN ANY MANNER CONNECTED THEREWITH. CONTRACTOR MUST NOTIFY THE OWNER AND ENGINEER OF ANY OMISSIONS, CONTRADICTIONS OR CONFLICTS SEVEN DAYS BEFORE THE BID DATE. ENGINEER WILL PROVIDE THE NECESSARY CORRECTIONS OR ADDITIONS TO PLANS. IF HE DOES NOT NOTIFY THE OWNER AND ENGINEER OF ANY SUCH CONDITION, IT WILL BE ASSUMED HE HAS INCLUDED THE NECESSARY ITEMS IN HIS BID.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH APPLICABLE LOCAL AND STATE REGULATIONS, BUILDING CODES, ORDINANCES AND GOOD CONSTRUCTION PRACTICES. IF THE CONTRACTOR FEELS A CONFLICT EXISTS BETWEEN WHAT IS CONSIDERED GOOD CONSTRUCTION PRACTICE AND THESE PLANS, HE SHALL STATE IN WRITING ALL OBJECTIONS PRIOR TO SUBMITTING QUOTATIONS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE STABILITY AND INTEGRITY OF EXISTING STRUCTURES AND THE PROTECTION OF ADJACENT PROPERTY AND PUBLIC UNTIL COMPLETION OF THE WORK.
- IT IS THE CONTRACTOR'S RESPONSIBILITY DURING THE COURSE OF THE WORK, TO BRING TO THE ATTENTION OF THE OWNER AND ENGINEER ANY DELETERIOUS CONDITIONS DISCOVERED WHERE NOT PREVIOUSLY IDENTIFIED.
- CONTRACTOR SHALL SUBMIT ALL ALTERNATE MATERIALS, METHODS OR CONSTRUCTION DETAILS TO THE OWNER AND ENGINEER FOR APPROVAL.
- CONTRACTOR SHALL HAVE SOLE RESPONSIBILITY FOR THE ACCURACY OF ALL MEASUREMENTS, ESTIMATES OF MATERIAL QUANTITIES AND SIZES, AND SITE CONDITIONS THAT WILL AFFECT WORK.
- CZAR ENGINEERING, L.L.C.'S SERVICES LIMITED TO WORK AS DESCRIBED HEREIN ONLY. NO OTHER STRUCTURE WAS REVIEWED AND WE DEFER TO THE BUILDING CONTRACT DOCUMENTS FOR ALL OTHER DESIGN INFORMATION. IF THE CLIENT, OWNER, CONTRACTOR, OR ANY OTHER INTERESTED PARTY ARE AWARE OF DEFICIENCIES IN THE BALANCE OF THE STRUCTURE, IT IS INCUMBENT UPON THEM TO NOTIFY CZAR ENGINEERING, L.L.C., IN WRITING, AND ADDITIONAL SERVICES WOULD FOLLOW UNDER SEPARATE CONTRACT. OTHERWISE, CZAR ENGINEERING, L.L.C. CANNOT AND WILL NOT ACCEPT LIABILITY FOR DEFICIENCIES IN THE BALANCE OF THE STRUCTURE.

GENERAL REQUIREMENTS & CONDITIONS

- WHERE A SECTION OR DETAIL IS SHOWN FOR ONE CONDITION, IT SHALL APPLY TO ALL LIKE CONDITIONS EVEN THOUGH NOT SPECIFICALLY MARKED ON THE PLANS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF THE STRUCTURE DURING CONSTRUCTION AGAINST EARTH PRESSURE, WIND, AND OTHER FORCES UNTIL PERMANENT SUPPORTS ARE IN PLACE.
- WHERE NO SPECIFIC INFORMATION IS GIVEN, CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH THE ARCHITECTURAL PLANS OR THE PRESCRIPTIVE REQUIREMENTS OF THE INTERNATIONAL BUILDING CODE.

STRUCTURAL STEEL

- STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING:
MISC. SHAPES, ANGLES, & PLATES: ASTM A36
"HSS" TUBING: ASTM A 500, Gr. B
- ALL NUTS, BOLTS AND WASHERS TO BE GALVANIZED & SHALL CONFORM TO ASTM SPECIFICATION A325, INSTALLED BY THE TURN-OF-THE-NUT METHOD OR CALIBRATED TORQUE WRENCH.
- ALL STEEL SHALL TO RECEIVE ONE SHOP COAT OF ZINC CHROMATE OR COMPATIBLE PRIMER AND ONE COAT OF A GOOD RUST INHIBITING PAINT & GALVANIZED WHERE NOTED.
- CONTRACTOR SHALL BE RESPONSIBLE FOR TEMPORARY BRACING OF ALL STRUCTURAL ELEMENTS UNTIL CONSTRUCTION IS COMPLETED.
- ALL WELDING SHALL BE PERFORMED BY A CERTIFIED WELDER USING E70 SERIES ELECTRODES.

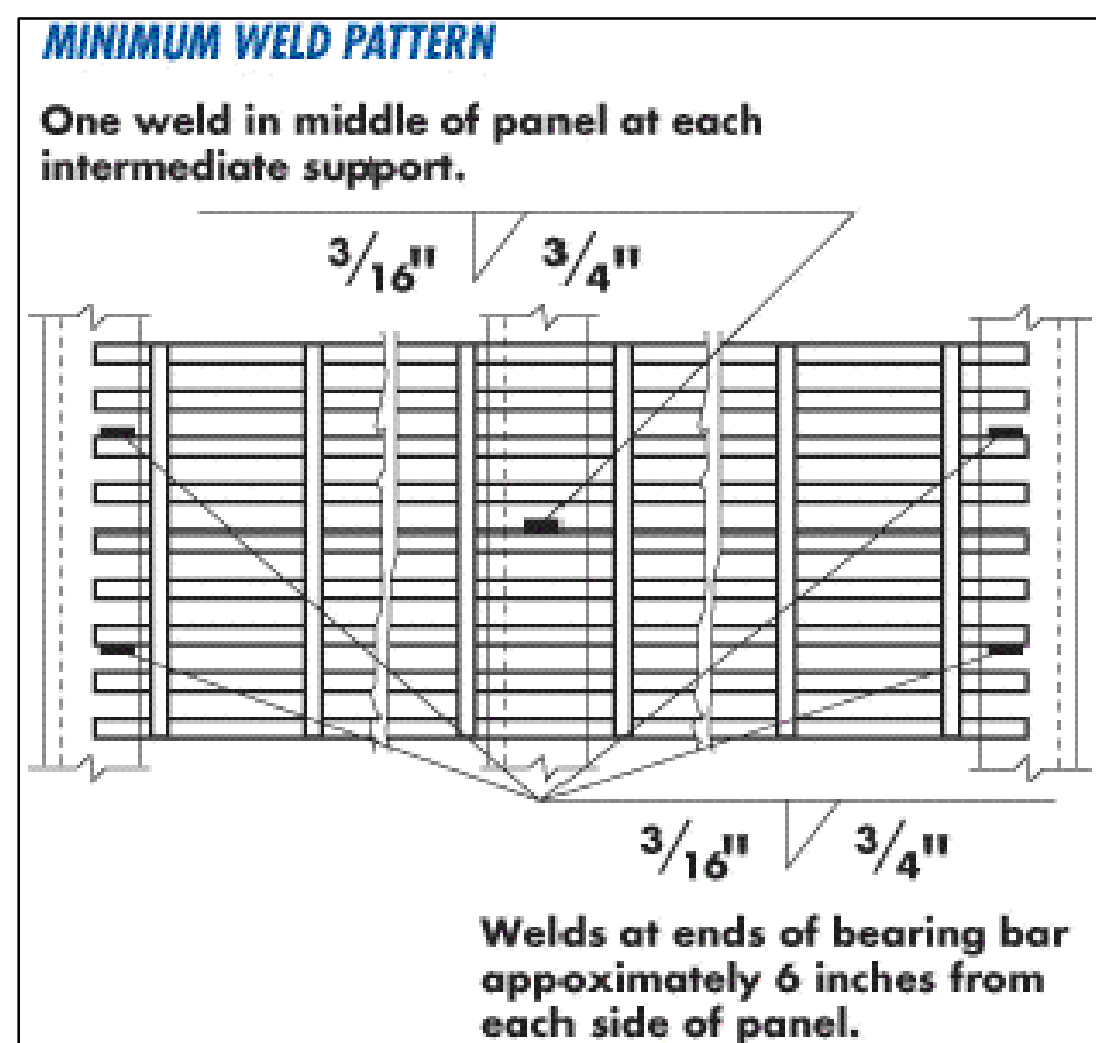
DESIGN LOAD SCHEDULE

GOVERNING CODE: 2018 NJIBC, ASCE 7-16 AND ATC COUNCIL WEB APP FOR WIND SPEED MAPPING.

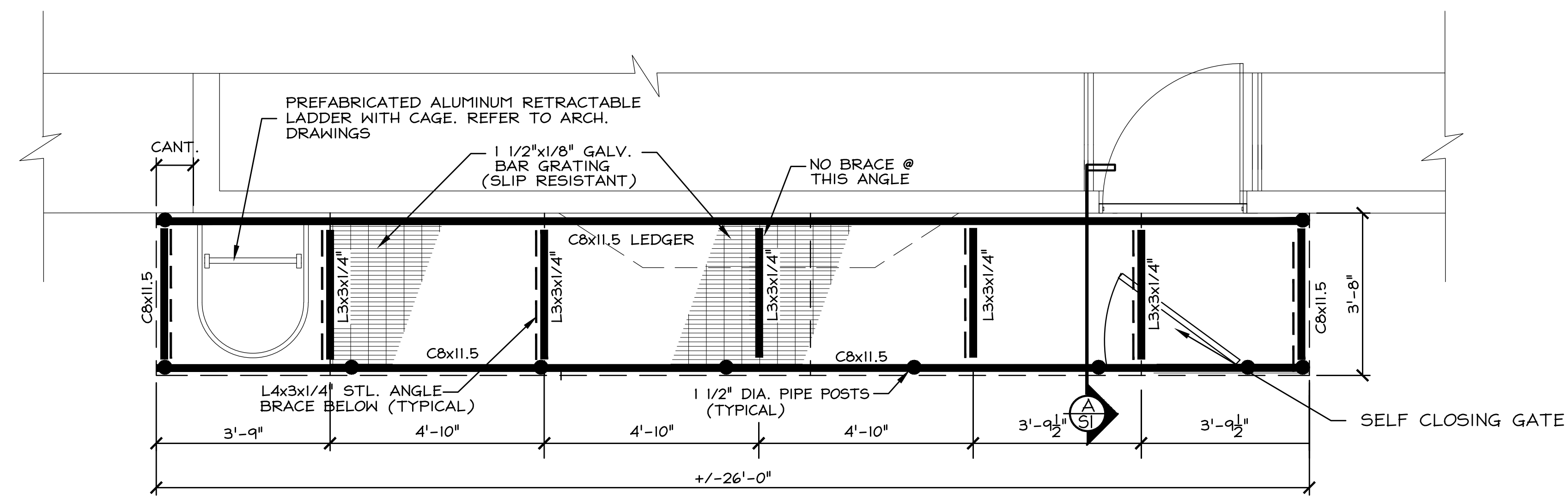
- DEAD LOAD: WEIGHT OF ALL BUILDING COMPONENTS.
- LIVE LOADS: 100 PSF
- ROOF LOADS: LIVE = 20 PSF
GROUND SNOW = 20 PSF
ROOF EXPOSURE FACTOR = 0.7
SNOW IMPORTANCE FACTOR = 1.0
- WIND LOADS: 125 MPH
EXPOSURE CLASSIFICATION D
RISK CATEGORY II
- SEISMIC: AV = AA = 0.06
HAZARD EXPOSURE GROUP II
SOIL PROFILE TYPE S4 - COEFFICIENT = 2.0
PERFORMANCE CATEGORY B
RESPONSE MODIFICATION FACTOR R = 4.5
DEFLECTION AMPLIFICATION FACTOR CD = 4.0

CODES AND STANDARDS

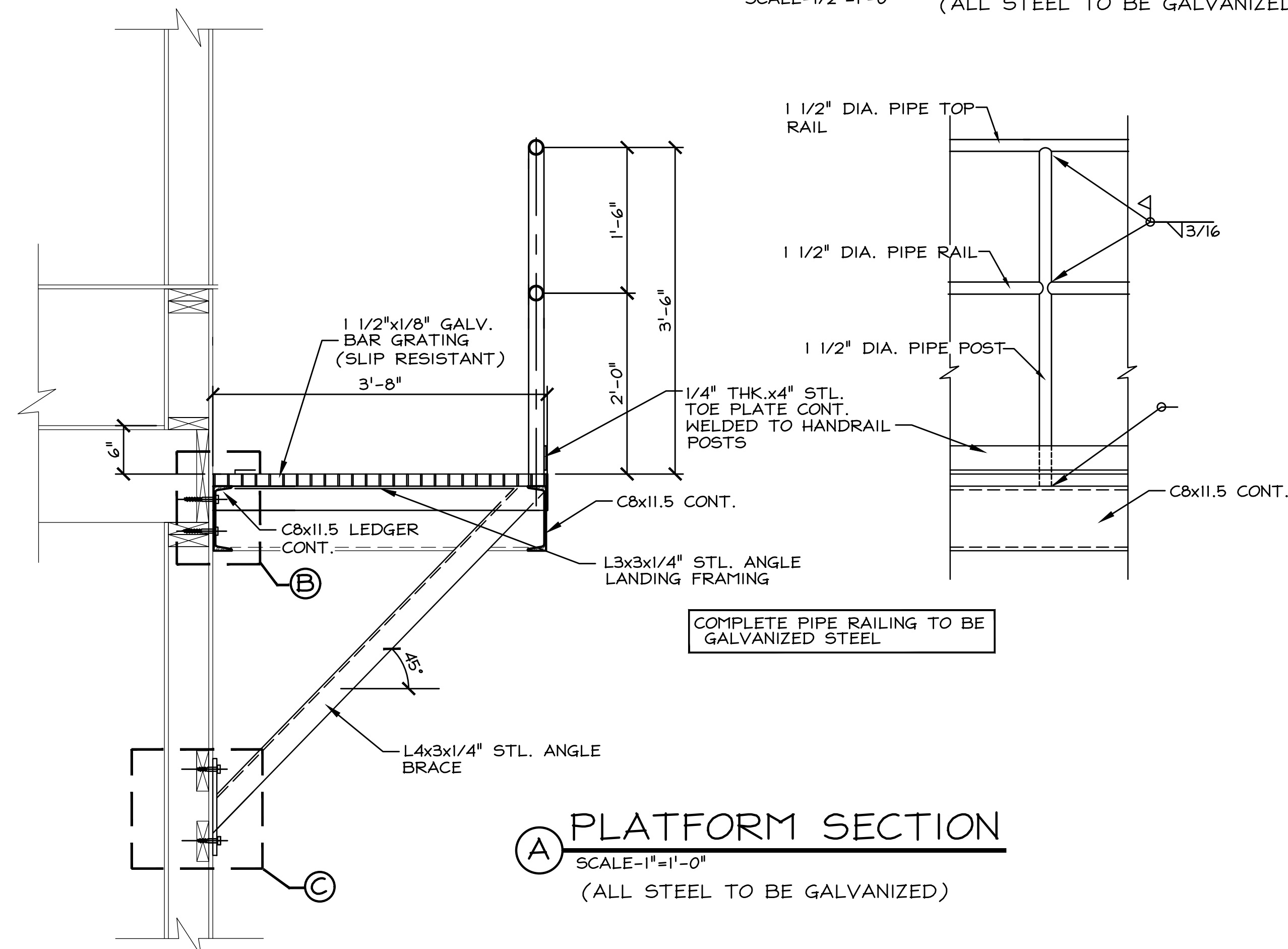
- THE STATE OF NEW JERSEY DEPARTMENT OF COMMUNITY AFFAIRS, CONSTRUCTION CODE ELEMENTS "UNIFORM CONSTRUCTION CODE"
- INTERNATIONAL BUILDING CODE COUNCIL, INTERNATIONAL BUILDING CODE 2018, NEW JERSEY EDITION
- AMERICAN INSTITUTE OF STEEL CONSTRUCTION, "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS--ALLOWABLE STRESS DESIGN AND PLASTIC DESIGN", AISC 360-05
- AMERICAN WELDING SOCIETY, A STRUCTURAL WELDING CODE (D1.1-04)



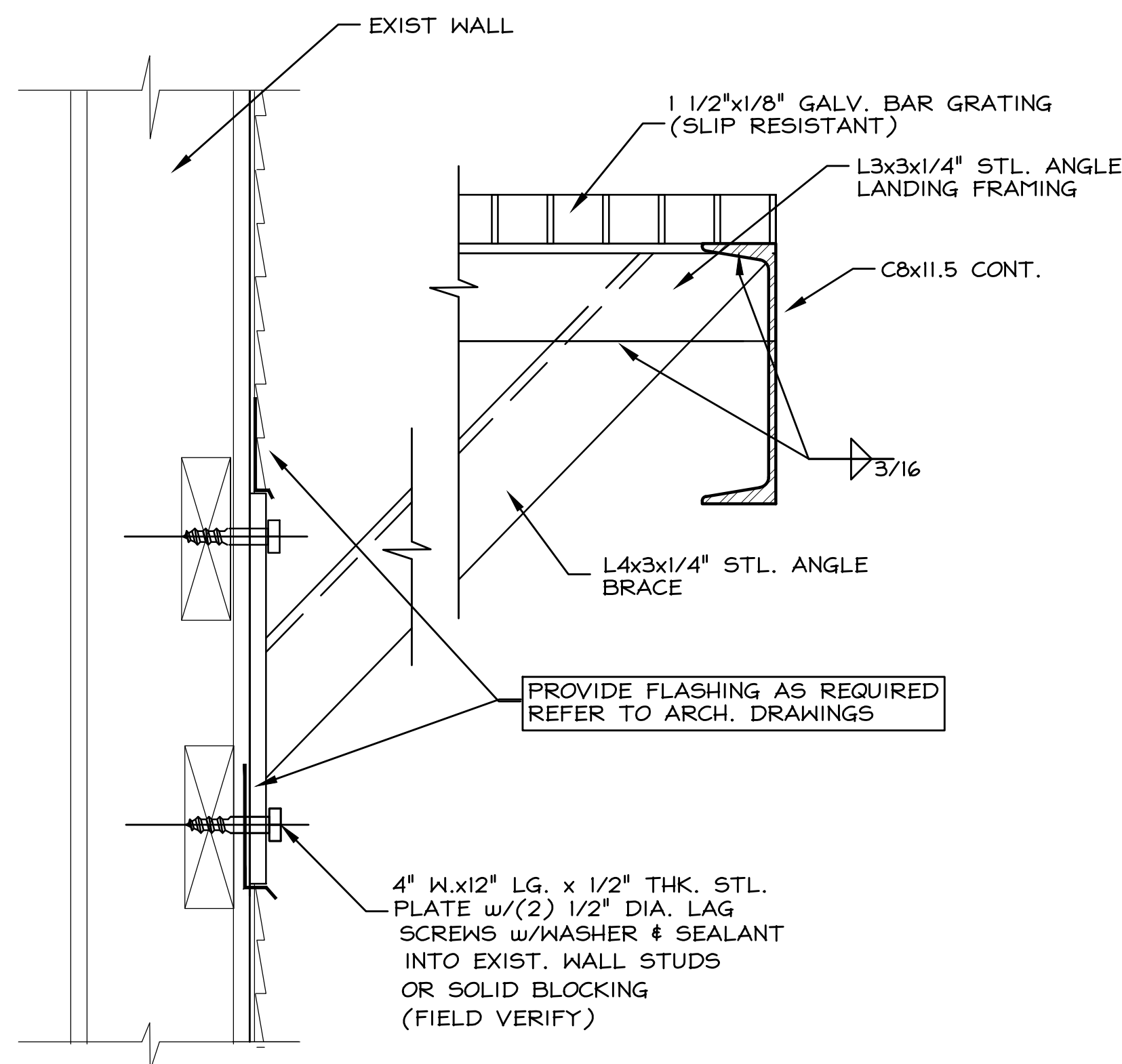
(E) METAL GRATING WELD DETAIL
NOT TO SCALE



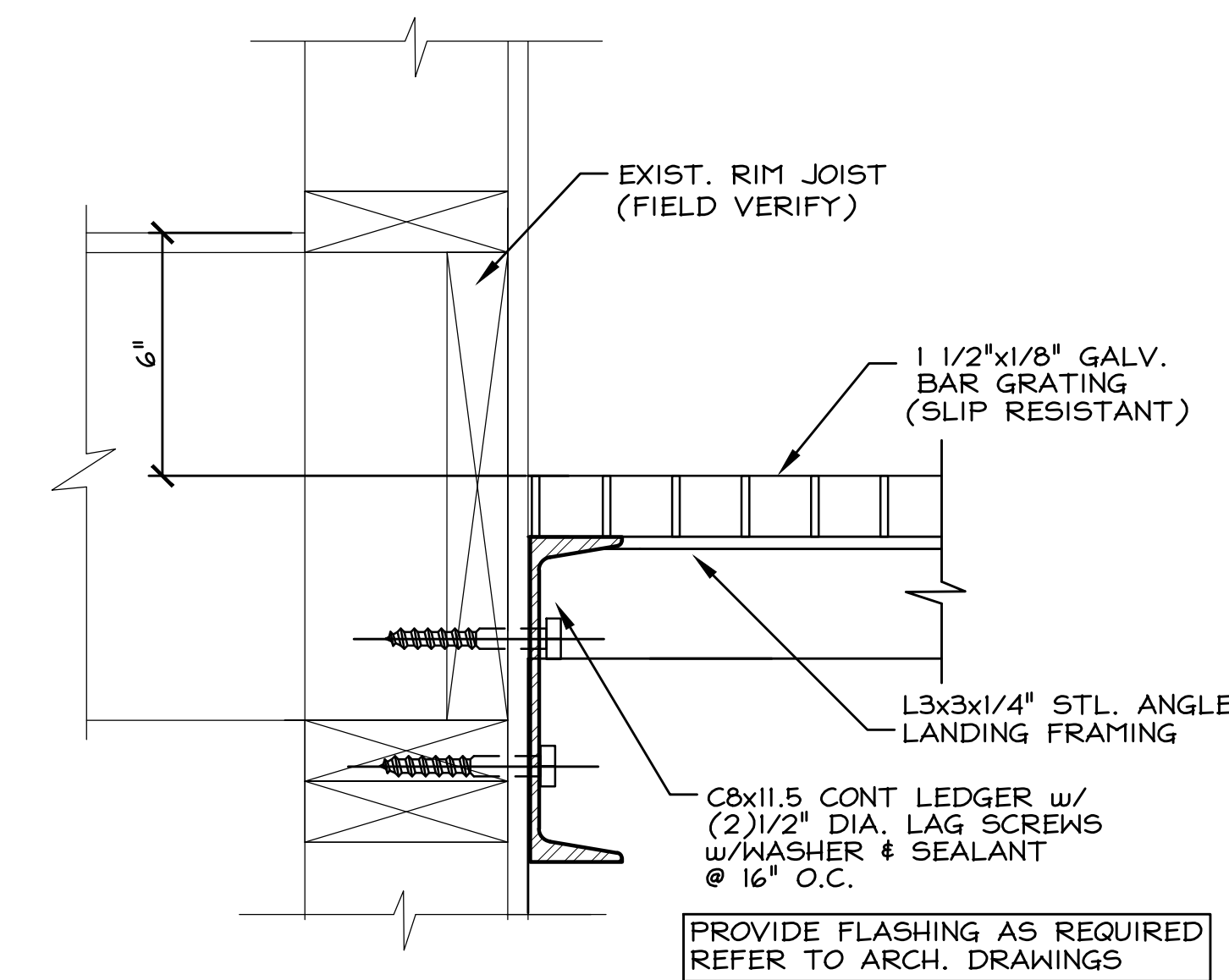
ATTIC PLATFORM FRAMING
SCALE=1/2"=1'-0" (ALL STEEL TO BE GALVANIZED)



(A) PLATFORM SECTION
SCALE=1"=1'-0" (ALL STEEL TO BE GALVANIZED)



(C) BRACING DETAIL
SCALE=3"=1'-0" (ALL STEEL TO BE GALVANIZED)



(B) LEDGER DETAIL
SCALE=3"=1'-0" (ALL STEEL TO BE GALVANIZED)

REFER TO ARCH. DRAWINGS FOR LOCATION

Self-Closing Safety Gates

The KEE GATE range of self-closing safety gates is designed specifically to provide permanent hazard protection for internal and external applications. The gates are spring loaded to automatically close behind the user. This provides a safe environment and avoids the possibility for human error. KEE GATE is compliant with the requirements of OSHA, Ontario Building Code, The National Building Code of Canada, as well as British and European Standards.

The KEE GATE range has undergone extensive testing including life cycle and salt spray testing to ensure durability and reliability. KEE GATE can accommodate a wide range of openings and is supplied in either hot dip galvanized or powder coated safety yellow. The gate can easily be adjusted on site and is supplied with u-bolts that enable the gate to be secured quickly to existing supporting structures and posts. Additional fastener packs can be supplied that allow the gate to be secured to square, flat or angle uprights.

(D) SELF-CLOSING GATE
SCALE=3"=1'-0"

DRAWING TITLE	EXTERIOR ATTIC ACCESS FRAMING & DETAILS
PROJECT No.	# 17.41 Lenape Park Phase - III
DRAWING No.	S-1
ISSUED	10/05/20
PRELIMINARY	2/2/20/09
REVISION	

LENAPE PARK EAST
CATERING HALL
EXTERIOR ATTIC ACCESS

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Block: 538 - Lot: 75.01
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Hamilton Township

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Cristina Buendicho, AIA
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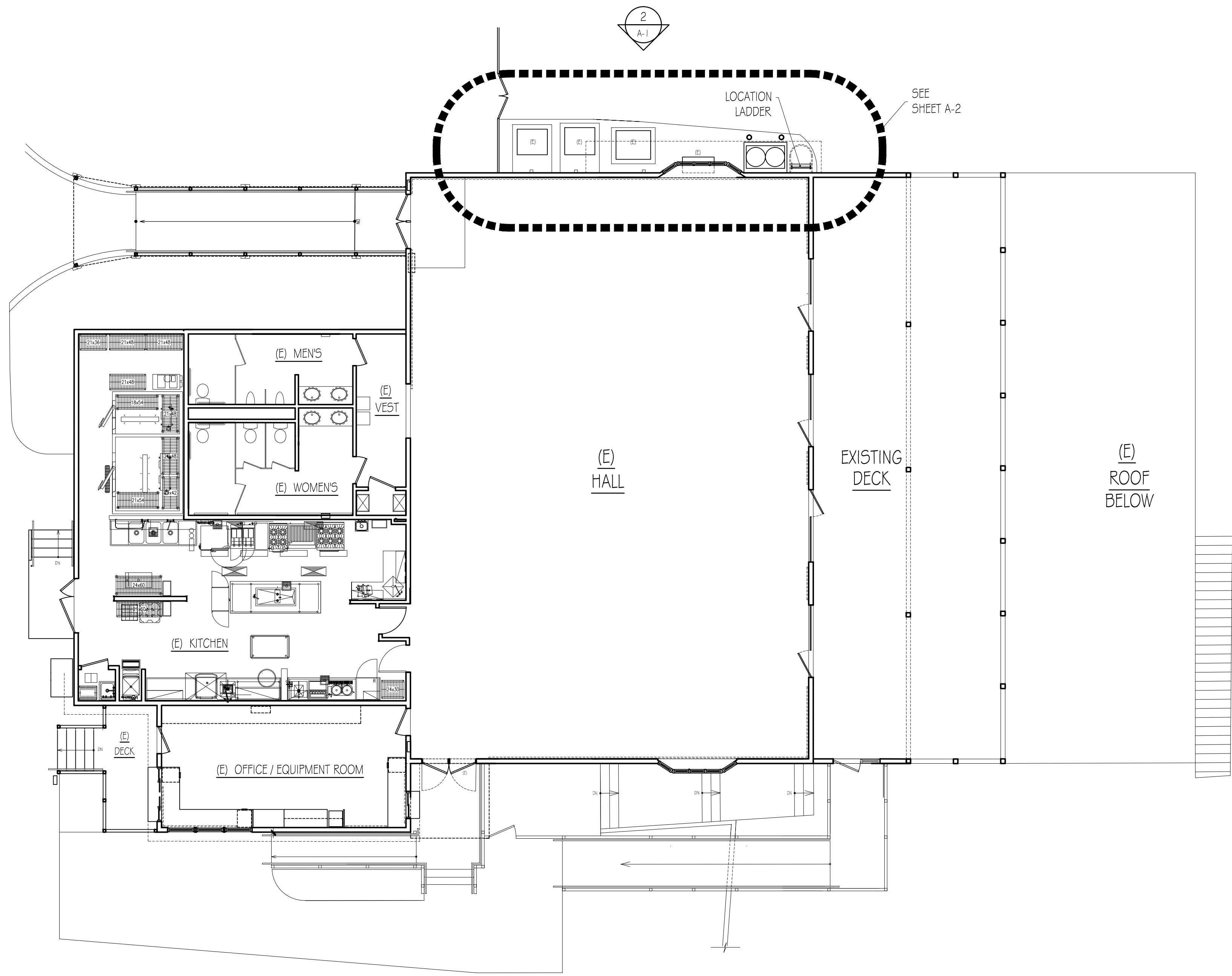
CZAR Engineering L.L.C.

504 HENWOOD AVENUE
Englewood, NJ 07631-1477
(609) 655-5555

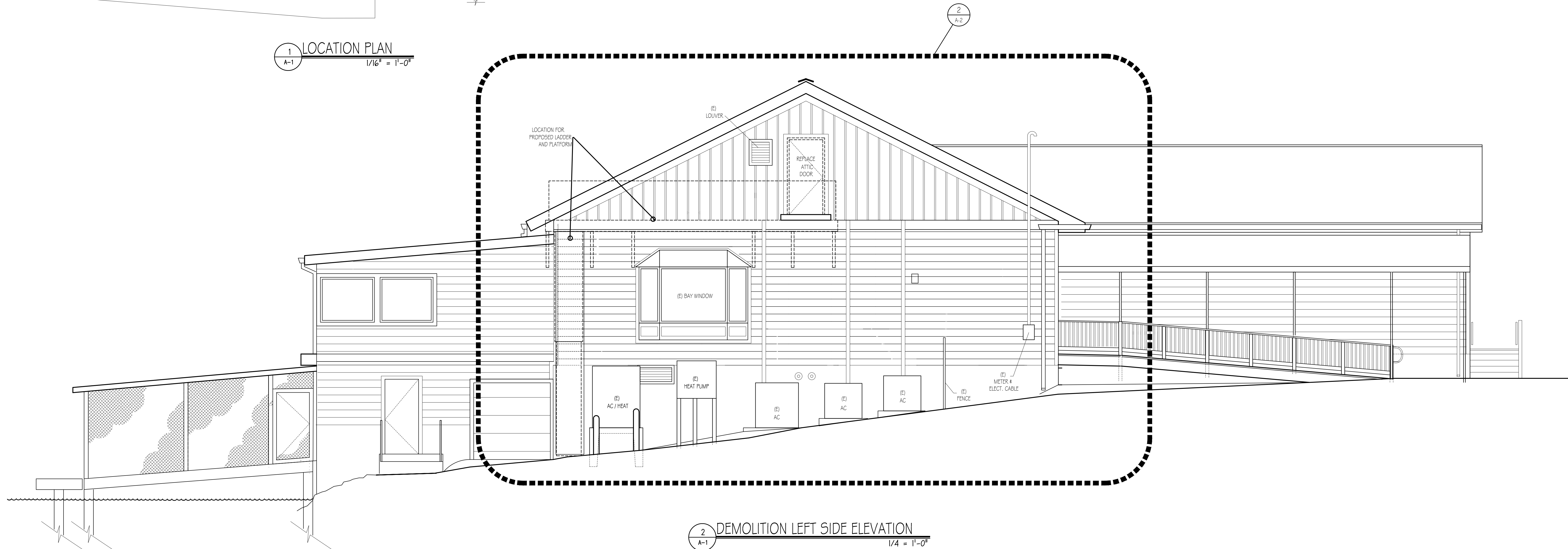
10 NJ License 1463332700

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 FOR STRUCTURAL WORK REFER TO CZAR ENGINEERING DRAWINGS.



1 LOCATION PLAN
 A-1 1/16" = 1'-0"



2 DEMOLITION LEFT SIDE ELEVATION
 A-1 1/4" = 1'-0"

DRAWING TITLE
 CATERING HALL
 EXTERIOR ATTIC ACCESS
 LOCATION PLAN &
 DEMOLITION ELEVATION
 PROJECT No.
 # 17.41 Lenape Park - Exterior Attic Access
 DRAWING No.
 A-1

No.	DATE	REVISION
1	07/26/20	PROGRESS
2	09-14-20	FINAL REVIEW
3	10-27-20	ISSUED

LENAPE PARK EAST
 Catering Hall - Exterior Attic Access
 753 Park Road
 Block: 588 - Lot: 75.01
 Hamilton Township
 New Jersey

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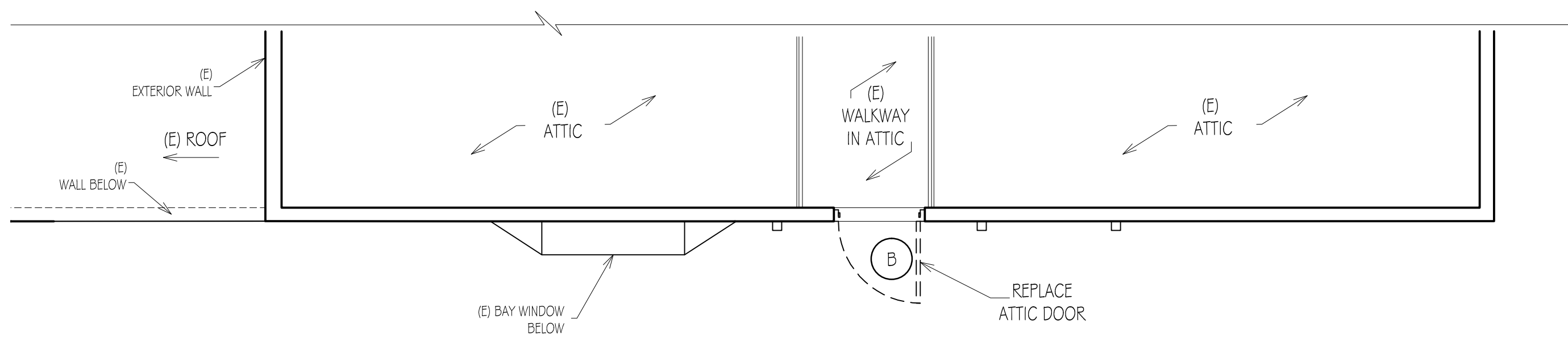
DRAWING TITLE
CATERING HALL
EXTERIOR ATTIC ACCESS
PLATFORM & LADDER CAGE
PLAN - ELEVATION & SECTION
PROJECT No.
17.41 Lenape Park - Exterior Attic Access
DRAWING No.
A-2

No.	DATE	REVISION
1	07/28/23	PROGRESS
2	09-14-23	FINAL REVIEW
3	10-27-23	ISSUED

LENAPE PARK EAST
Catering Hall - Exterior Attic Access
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Block: 588 - Lot: 75.01
Hamilton Township
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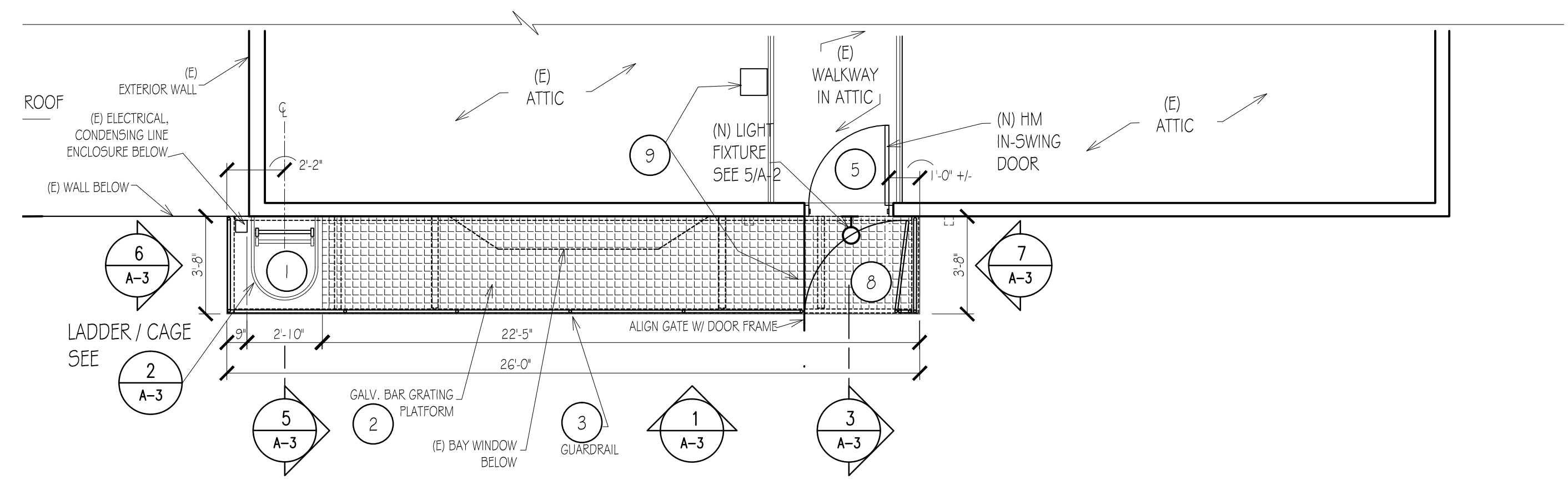
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1 DEMOLITION ATTIC LEVEL PLAN
A-2
1/4" = 1'-0"

DEMOLITION NOTES:

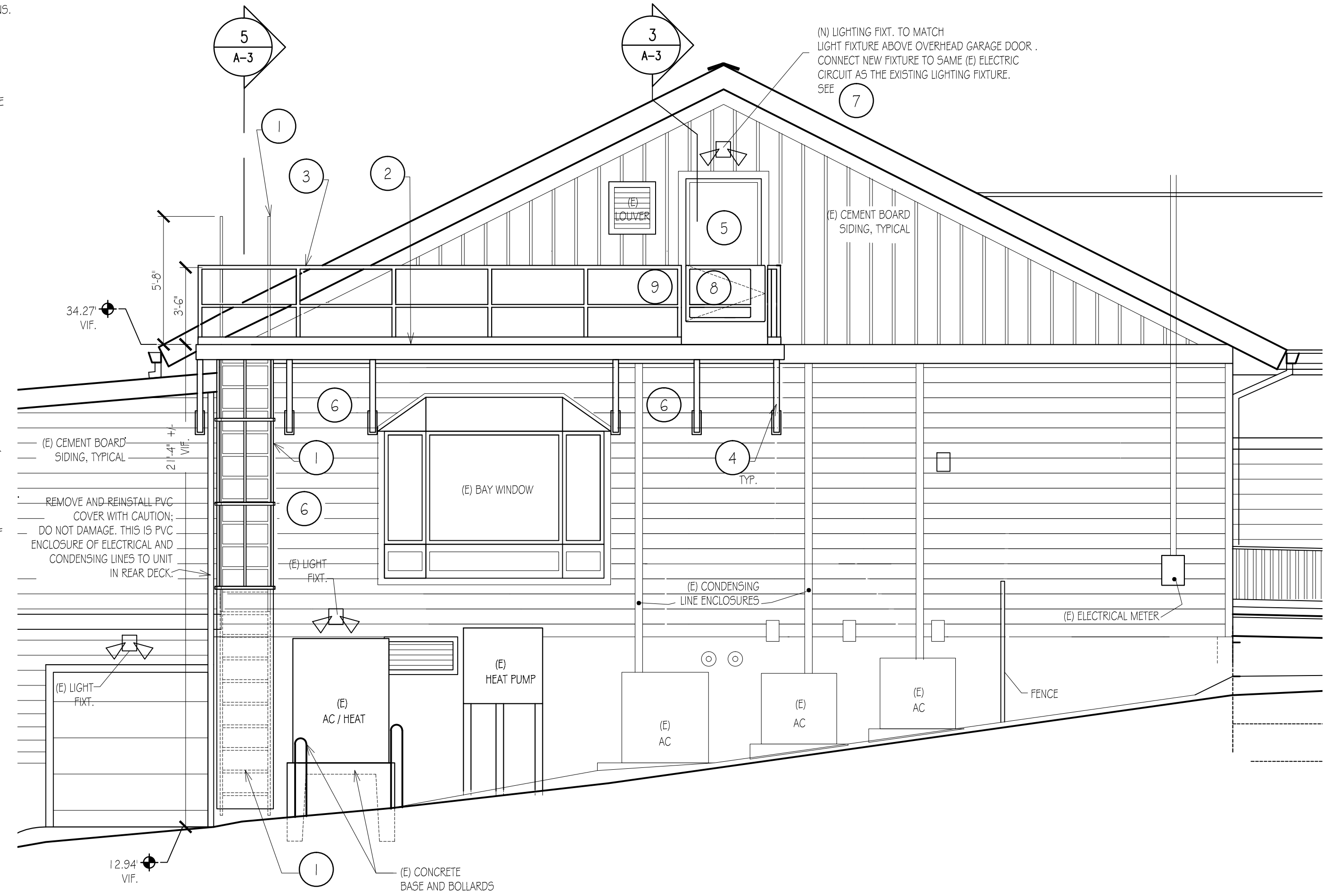
- A REMOVE SIDING, TRIM AND PREPARE WALL FOR THE INSTALLATION OF NEW METAL LOCKER AND OVERHEAD PLATFORM TO ATTIC ACCESS.
- B REPLACE EXISTING OUTSWINGING HM ATTIC DOOR WITH IN-SWINGING HM DOOR TO MATCH EXISTING SIZE.



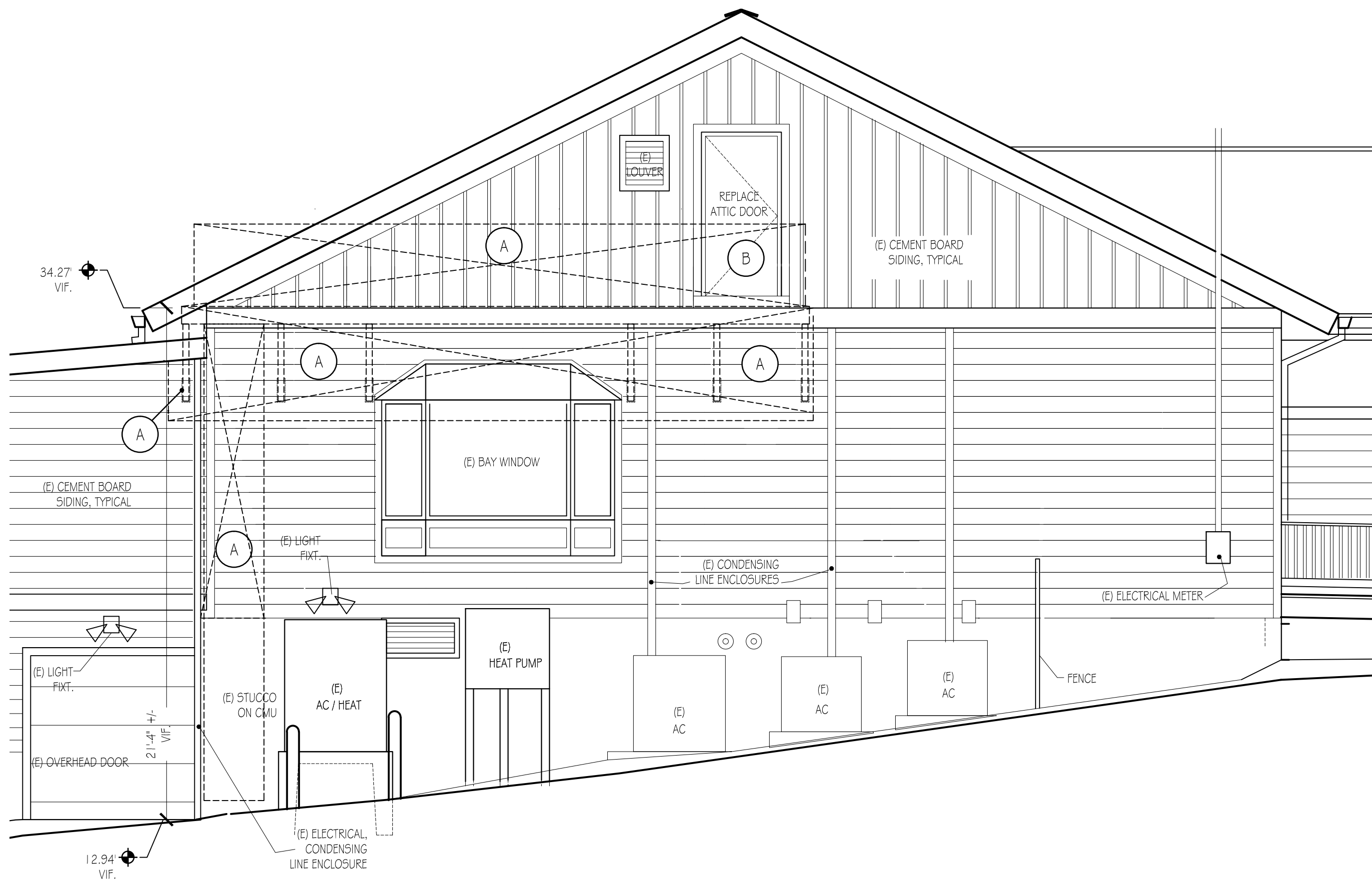
4 NEW ATTIC LEVEL PLAN
A-2
1/4" = 1'-0"

NEW WORK NOTES:

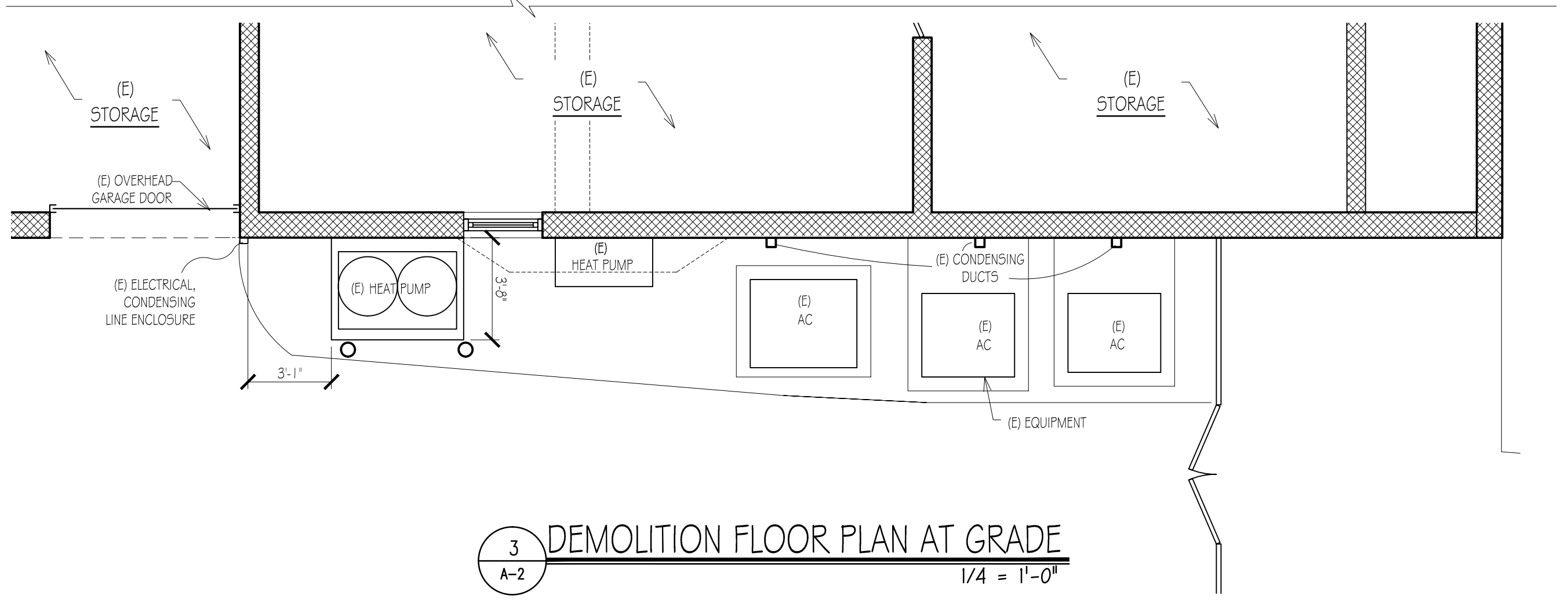
- 1 PREENGINEERED ANODIZED ALUMINUM RETRACTABLE LADDER AND CAGE - CONTRACTOR SHALL PROVIDE DETAILED SIGNED AND SEALED DRAWINGS AND CALCULATIONS INCLUDING ATTACHMENT TO THE BUILDING BY NEW JERSEY LICENSED STRUCTURAL ENGINEER. SEE SPECIFICATIONS - STRUCTURAL ALUMINUM FRAMING FOR LOCKING DEVICE - SEE FINISH HARDWARE SPECIFICATIONS.
- 2 GALVANIZED STEEL PLATFORM WITH ANTI-SLIP SAFETY WALKING SURFACE - SEE STRUCTURAL DRAWINGS, AND SPECIFICATIONS - METAL FABRICATION.
- 3 GALVANIZED STEEL GUARDRAIL - SEE STRUCTURAL DRAWINGS AND SPECIFICATIONS - METAL FABRICATIONS.
- 4 GALVANIZED STEEL BRACING - SEE STRUCTURAL DRAWINGS AND SPECIFICATIONS.
- 5 NEW IN-SWINGING YELLOW METAL DOOR AND FRAME TO MATCH EXISTING SIZE. SEE SPECIFICATIONS - HOLLOW METAL DOOR AND FINISH HARDWARE.
- 6 NEW CEMENT BOARD SIDING TO MATCH EXISTING AS REQUIRED FOR THE PLATFORM AND LADDER INSTALLATION.
- 7 NEW LIGHTING FIXTURE: LITHONIA LIGHTING MODEL: WHITE COLOR, 120 VOLTS, 90-WATTS, OUTDOOR RATED LED LAMPS INTEGRAL MOTION DETECTOR.
- 8 PREFABRICATED 42" W GUARDRAIL SWING GATE, SELF-CLOSING; GALVANIZED STEEL AND SAFETY YELLOW POWDER COATED; ALIGN GATE WITH DOOR FRAME AT LATCH SIDE. INSTALL HOOK AND RING TO KEEP GATE OPEN AGAINST LATERAL GUARDRAIL. SEE SPECIFICATIONS - METAL FABRICATIONS. FOR LOCKING DEVICE - SEE FINISH HARDWARE SPECIFICATIONS.
- 9 A- NEW HEAVY DUTY VENTILATED STEEL LOCKER (12' W x 12' D x 72" H) SINGLE TIER, POWDER COATED-GRAY, BY SALSBURY CO. OR EQUAL MFR. CONTRACTOR TO INSTALL PLATFORM & WALL FOR LOCKER SUPPORT & ATTACHMENT. LOCKER LOCATION TO BE DETERMINED IN FIELD.
B- TWO COMPLETE FALL PROTECTION HARNESSES AND LANYARDS AS PER OSHA/FEOSH REQUIREMENTS, FOR STRUCTURAL ATTACHMENT REFER TO STRUCTURAL DRAWINGS.
C- ACRYLIC SIGNS TO COMPLY WITH OSHA FEOSH REQUIREMENTS FOR THE USE OF FALL PROTECTION EQUIPMENT, FOR CAUTION AND FOR INSTRUCTIONS. SIGN LOCATION ON THE EXTERIOR, AND THE INTERIOR OF THE ATTIC.



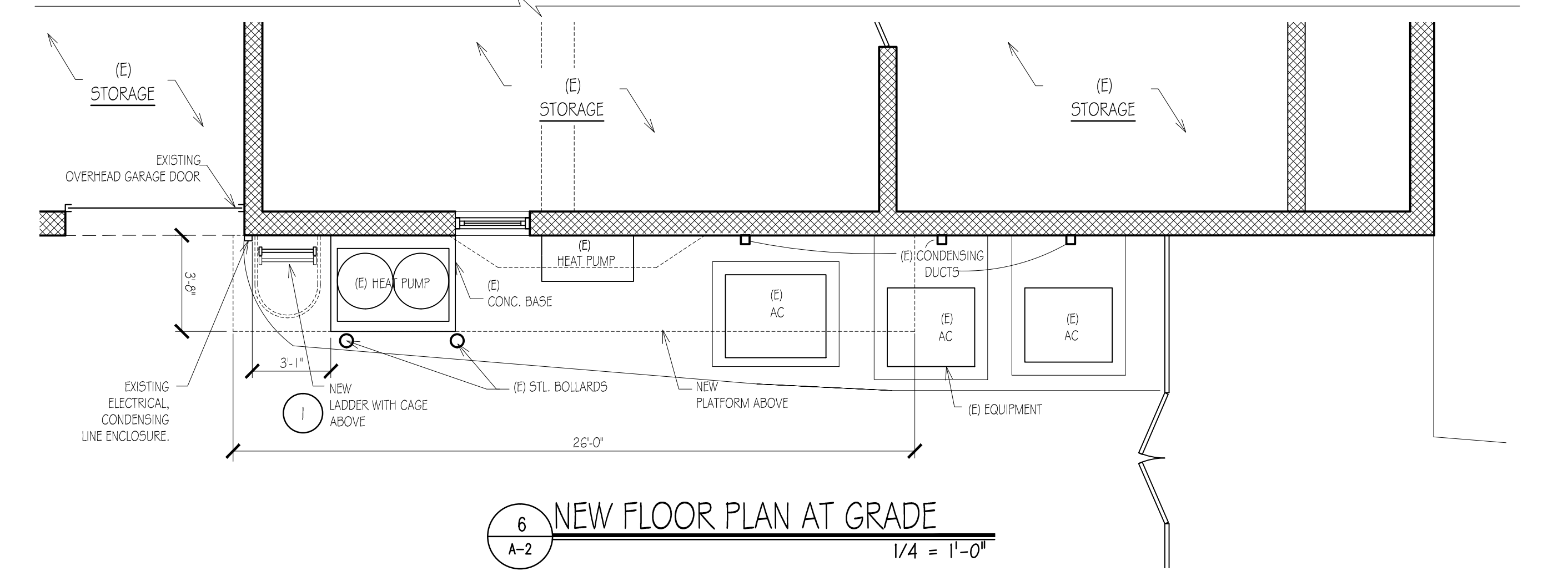
5 NEW ELEVATION
A-2
1/4" = 1'-0"



2 DEMOLITION ELEVATION
A-2
1/4" = 1'-0"

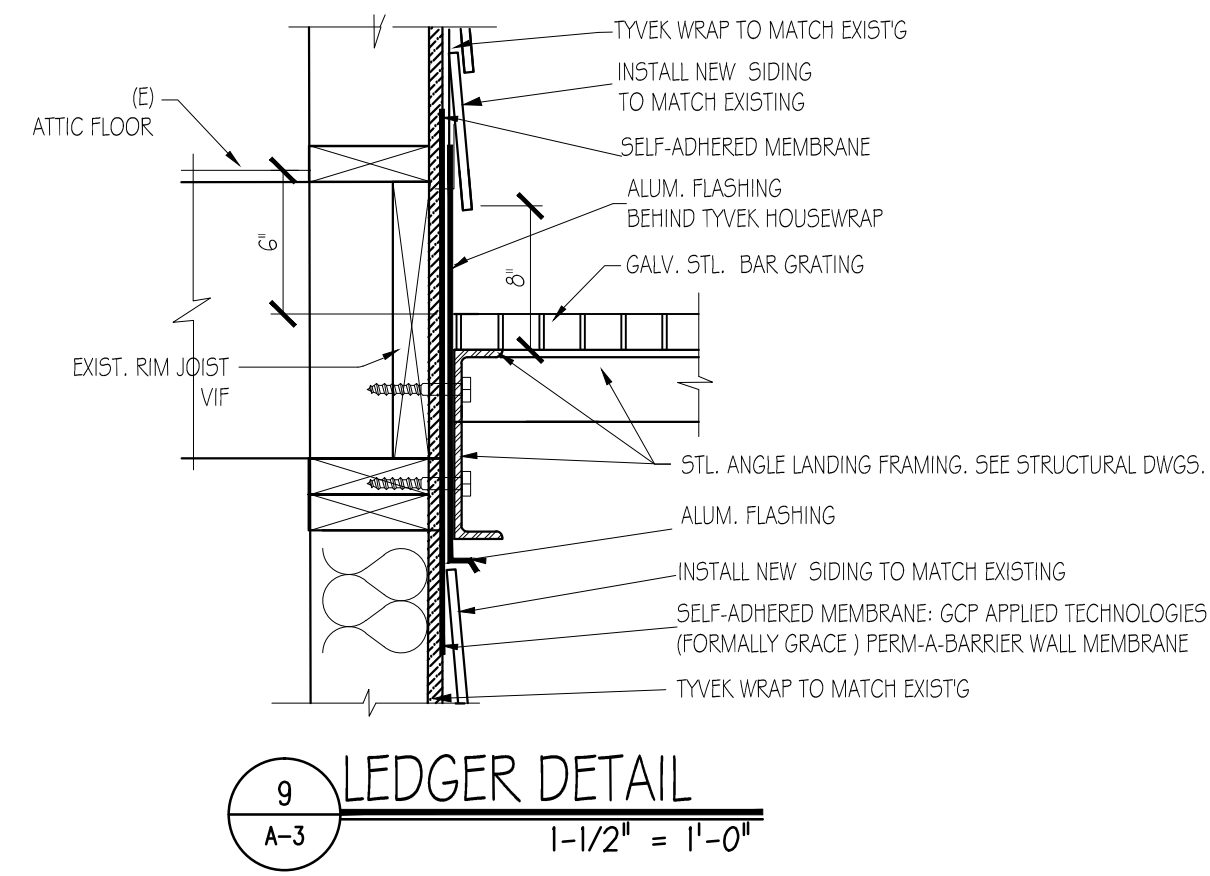


3 DEMOLITION FLOOR PLAN AT GRADE
A-2
1/4" = 1'-0"

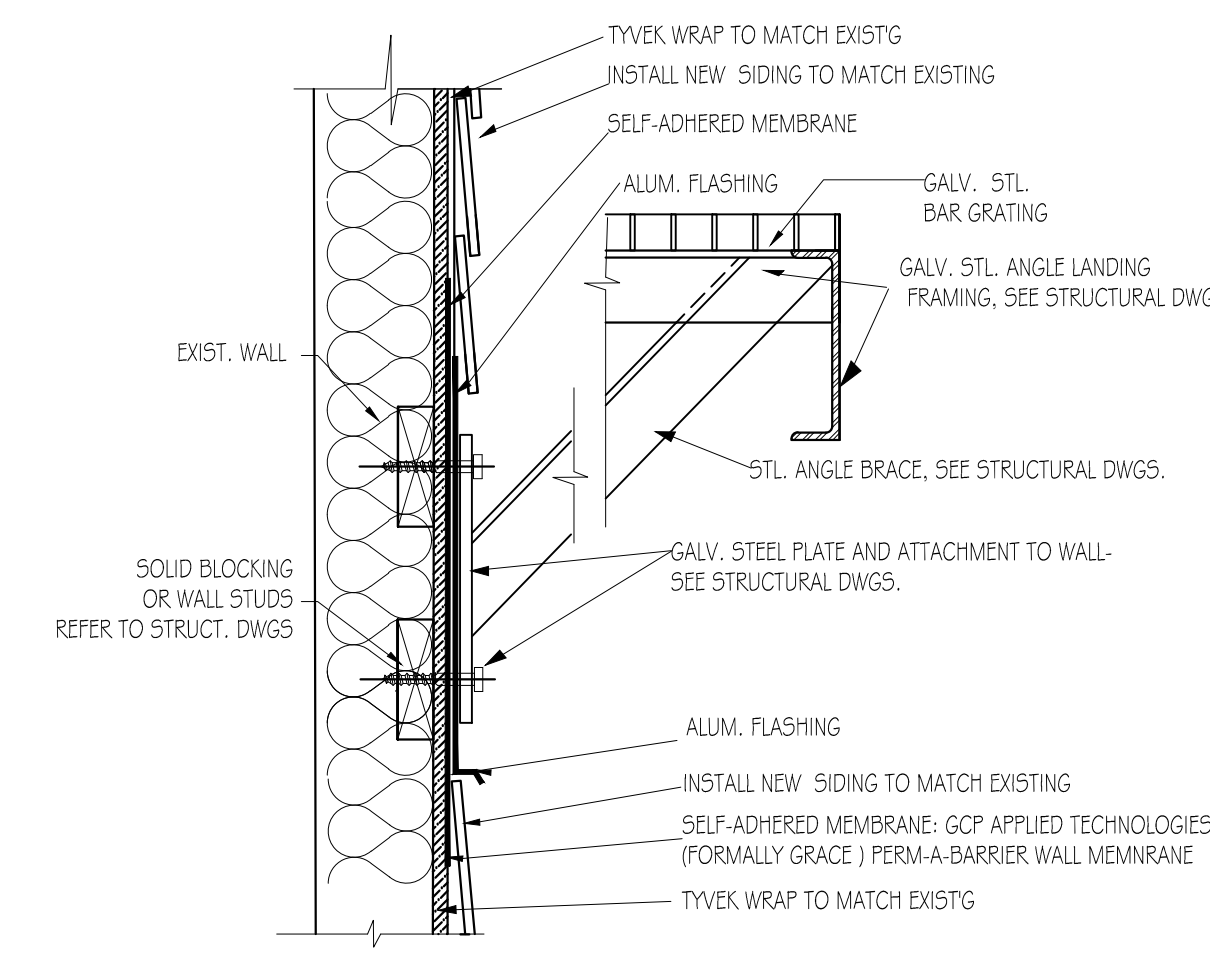


6 NEW FLOOR PLAN AT GRADE
A-2
1/4" = 1'-0"

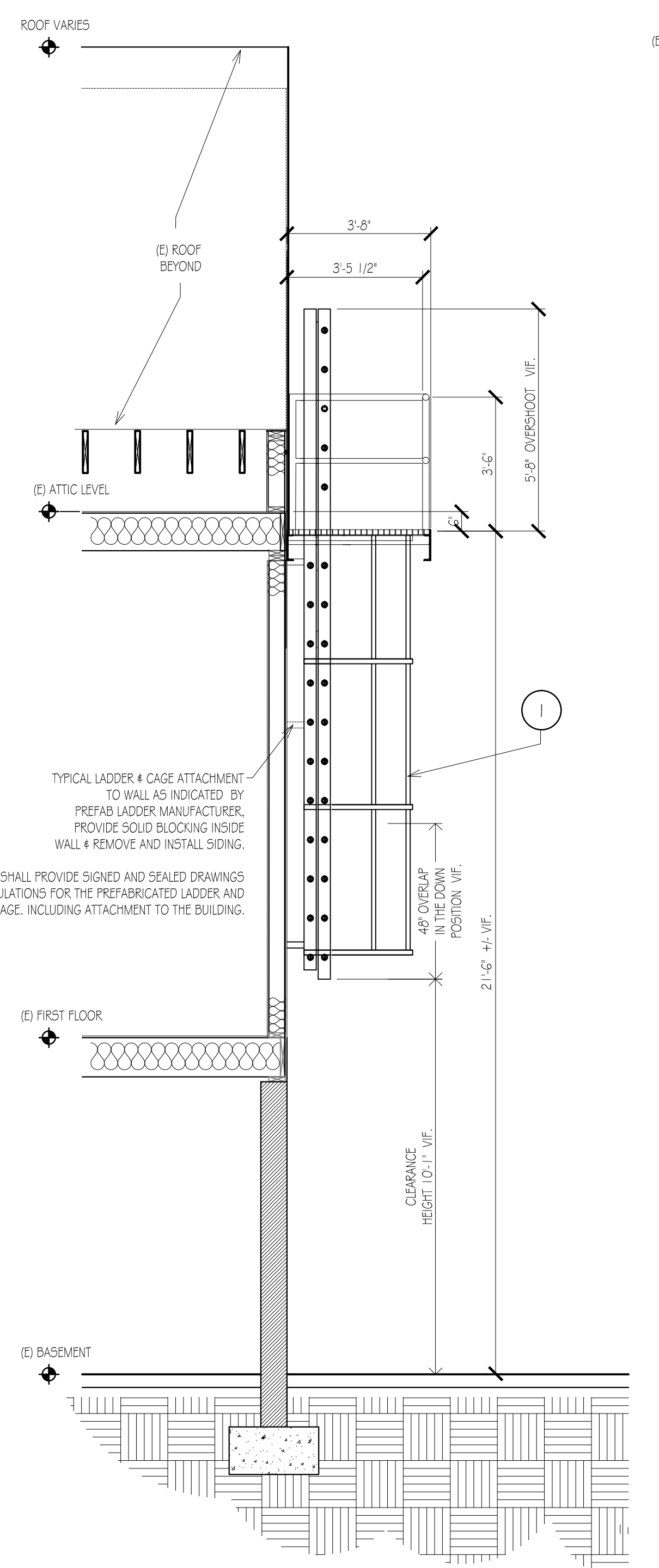
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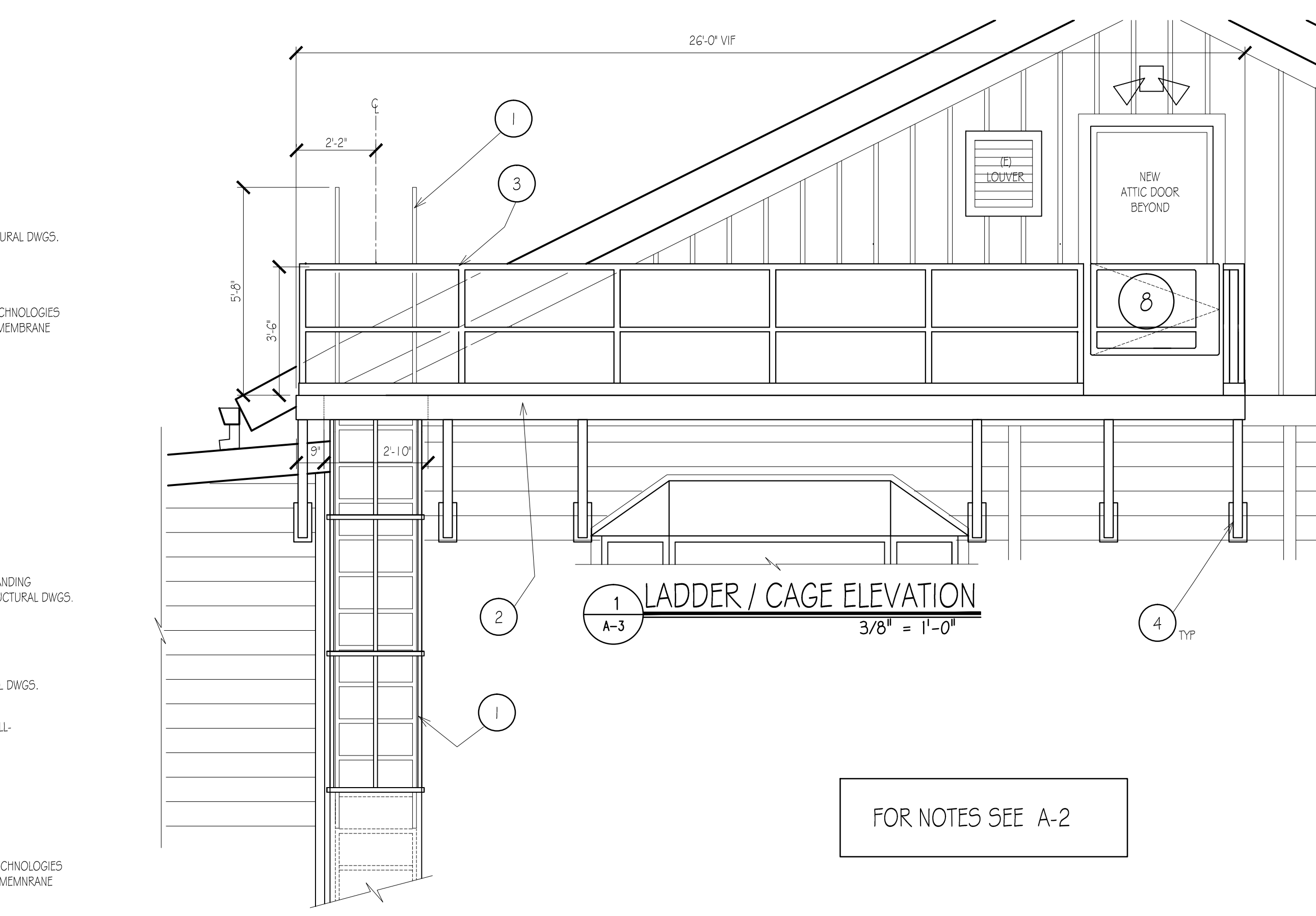
9 LEDGER DETAIL
1-1/2" = 1'-0"



10 BRACING DETAIL
1-1/2" = 1'-0"

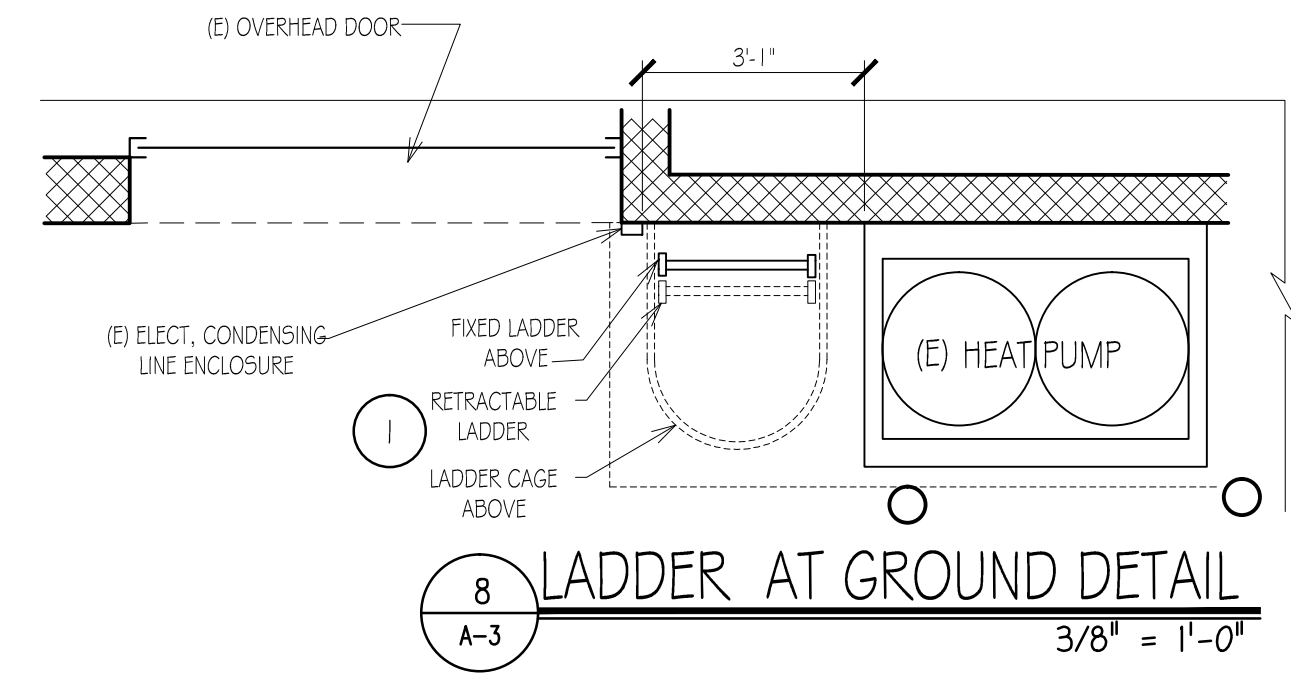


5 LADDER CAGE SECTION
3/8" = 1'-0"

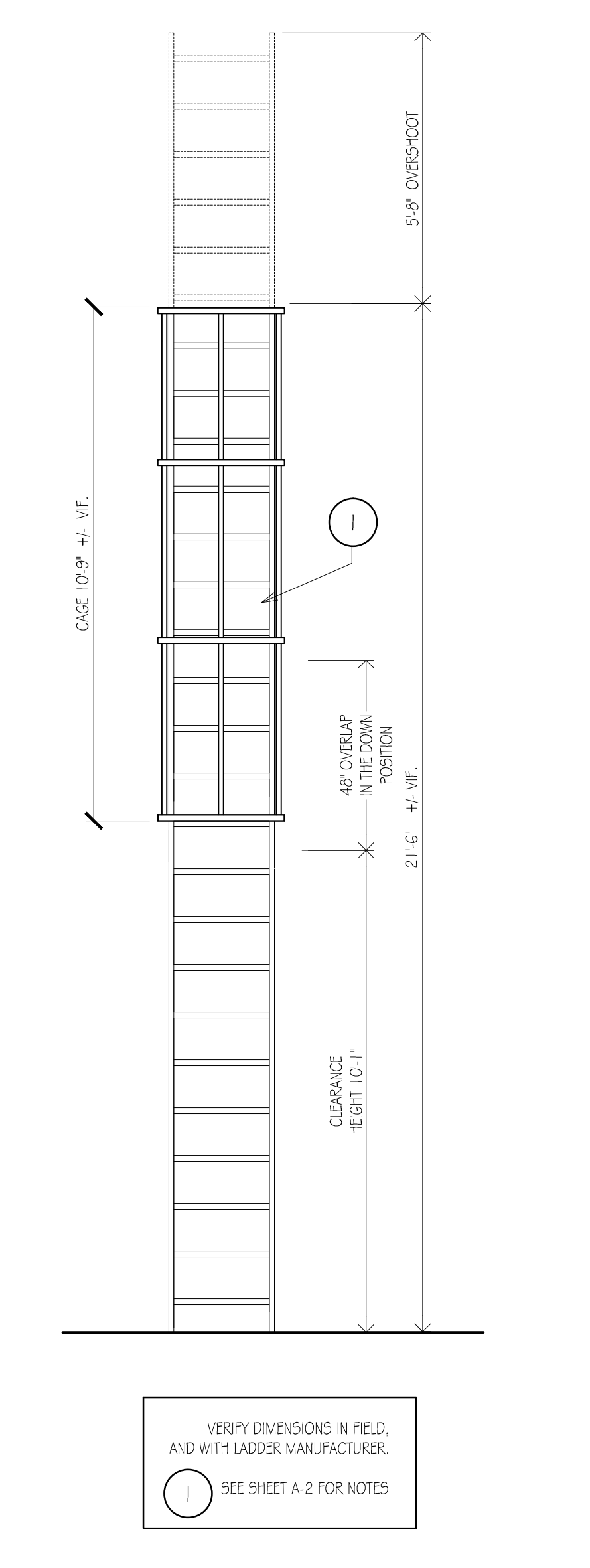


1 LADDER / CAGE ELEVATION
3/8" = 1'-0"

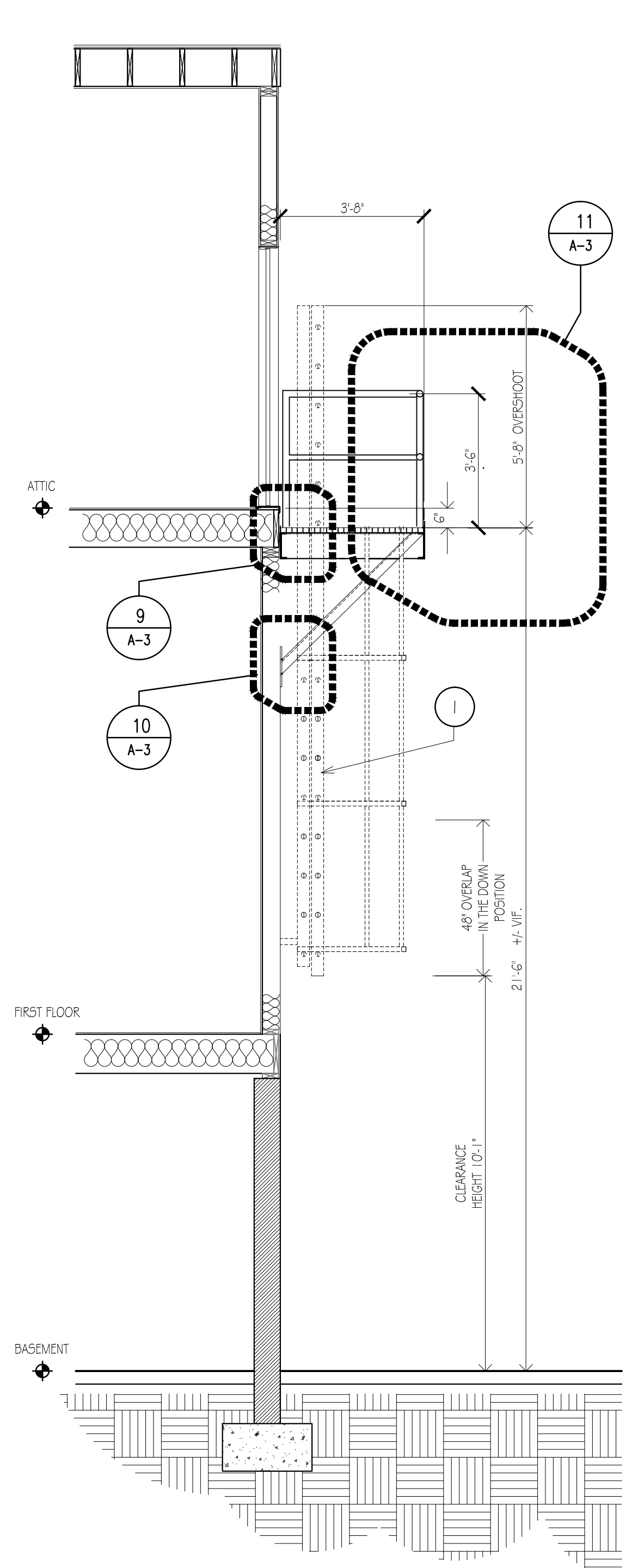
FOR NOTES SEE A-2



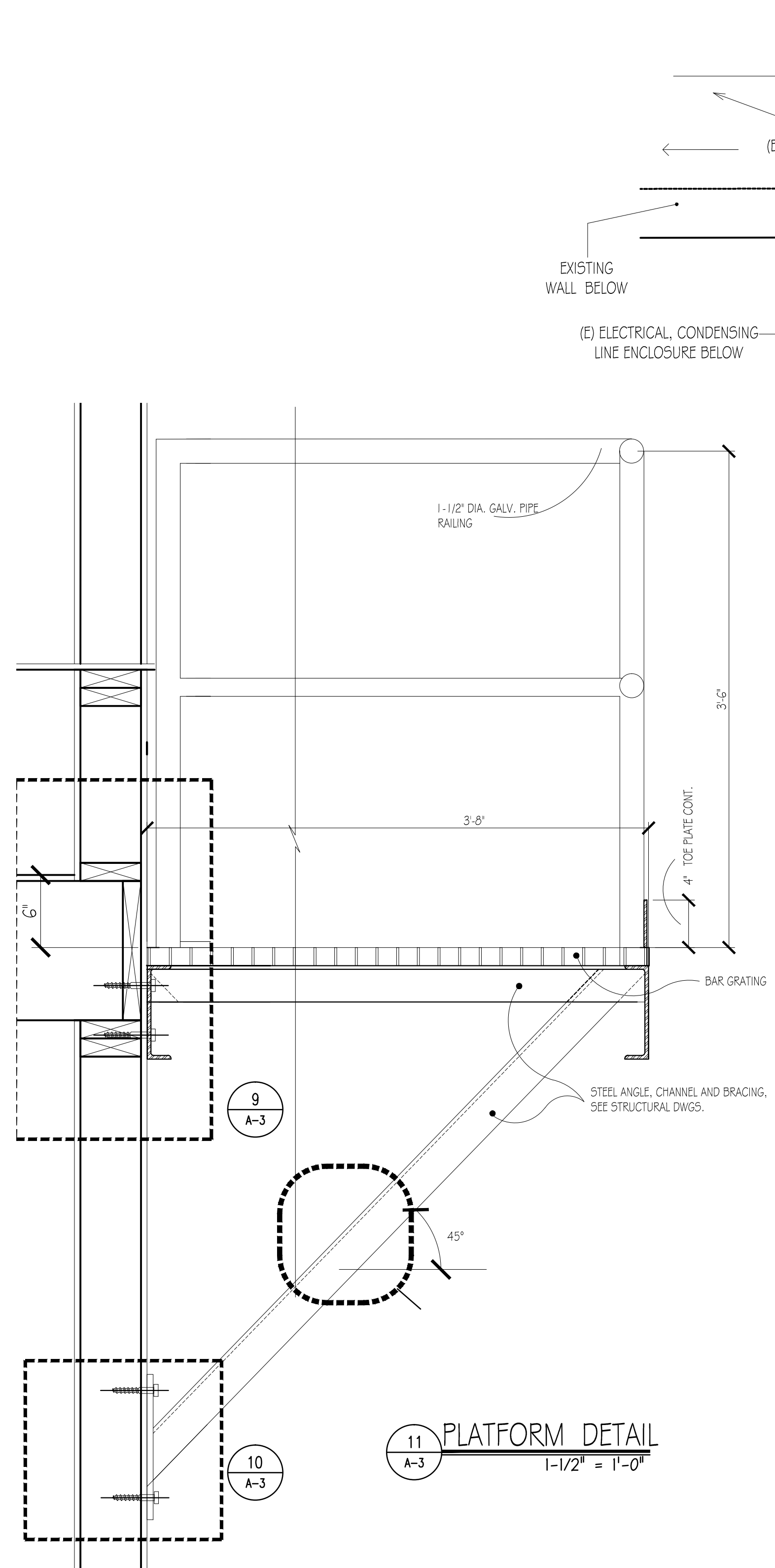
8 LADDER AT GROUND DETAIL
3/8" = 1'-0"



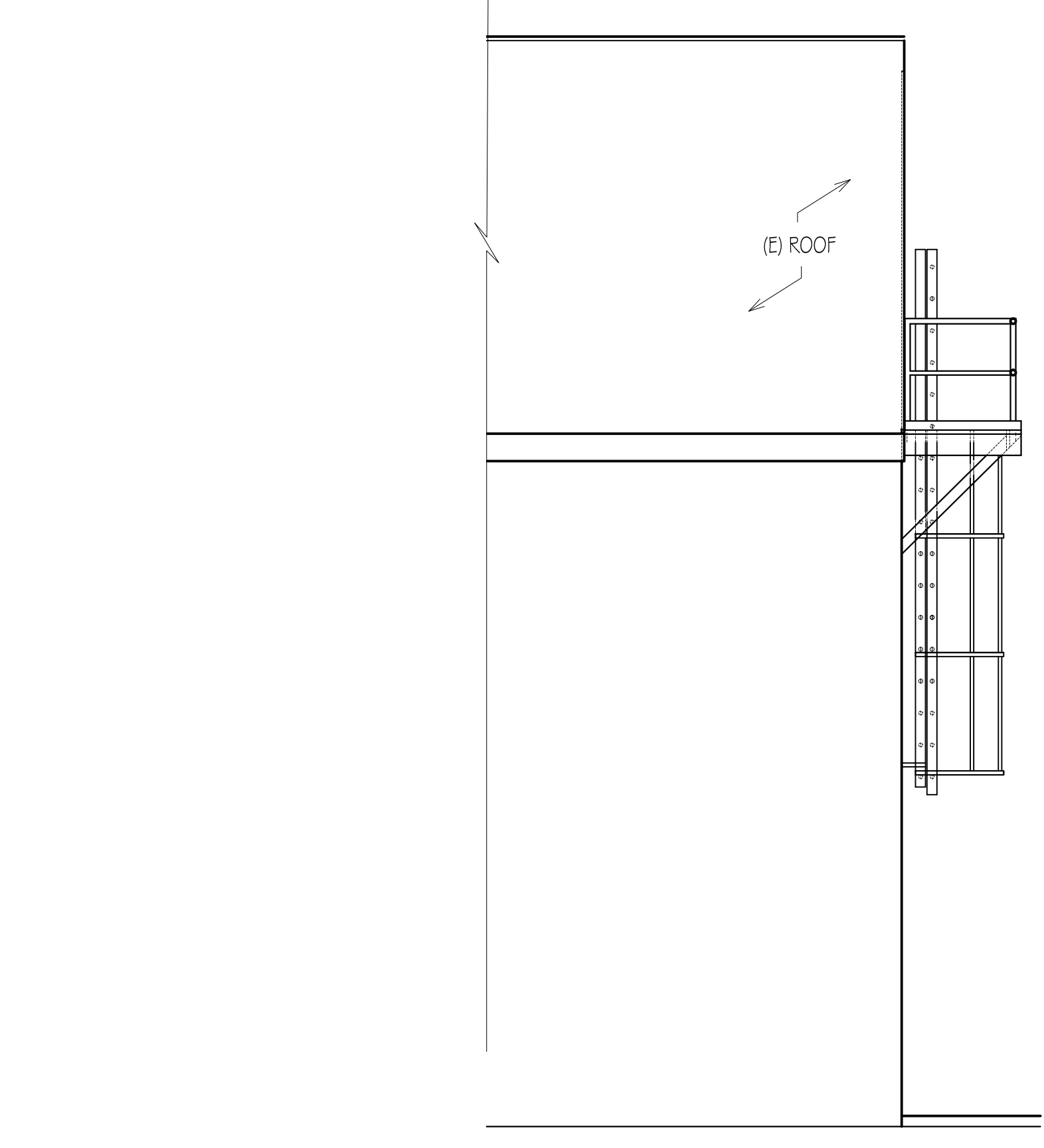
4 LADDER / CAGE ELEVATION
3/8" = 1'-0"



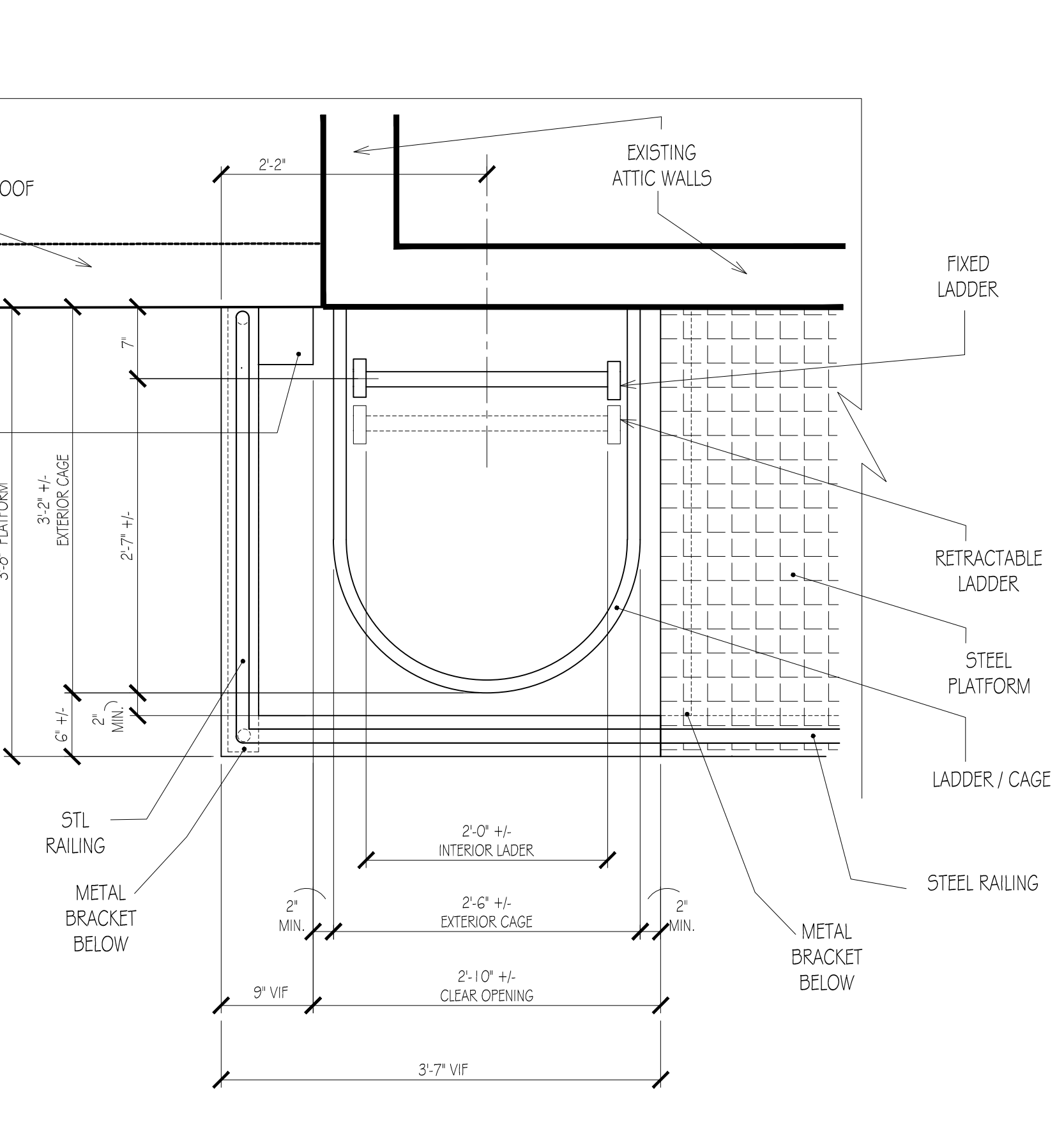
3 PLATFORM SECTION
3/8" = 1'-0"



2 LADDER / CAGE PLAN
1" = 1'-0"



6 PLATFORM LEFT SIDE ELEVATION
1/4" = 1'-0"



7 PLATFORM RIGHT SIDE ELEVATION
1/4" = 1'-0"

DRAWING TITLE	CATERING HALL EXTERIOR ATTIC ACCESS PLATFORM LADDER CAGE PLAN - ELEVATIONS & SECTIONS
PROJECT No.	# 17-11 Lenape Park - Exterior Attic Access
DRAWING No.	A-3

NO.	DATE	REVISION
1	10-27-20	ISSUED
2	09-14-20	FINAL REVIEW
3	07/20/20	PROGRESS

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 Catering Hall - Exterior Attic Access
 753 Park Road
 Block: 568 - Lot: 75-01
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