

CITY TAVERN - ELEVATOR AT INDEPENDENCE NATIONAL HISTORICAL PARK PHILADELPHIA, PENNSYLVANIA


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19	A202	EXTERIOR ELEVATIONS			
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21	A302	ELEVATOR SHAFT SECTION WEST/EAST			

PRIME/ A/E:
EINHORN YAFFEE PRESCOTT
Architecture & Engineering, P.C.
412 Broadway
Albany, NY 12201-0617

RECOMMENDED:
Project Manager
Date

APPROVED:
Superintendent
Date

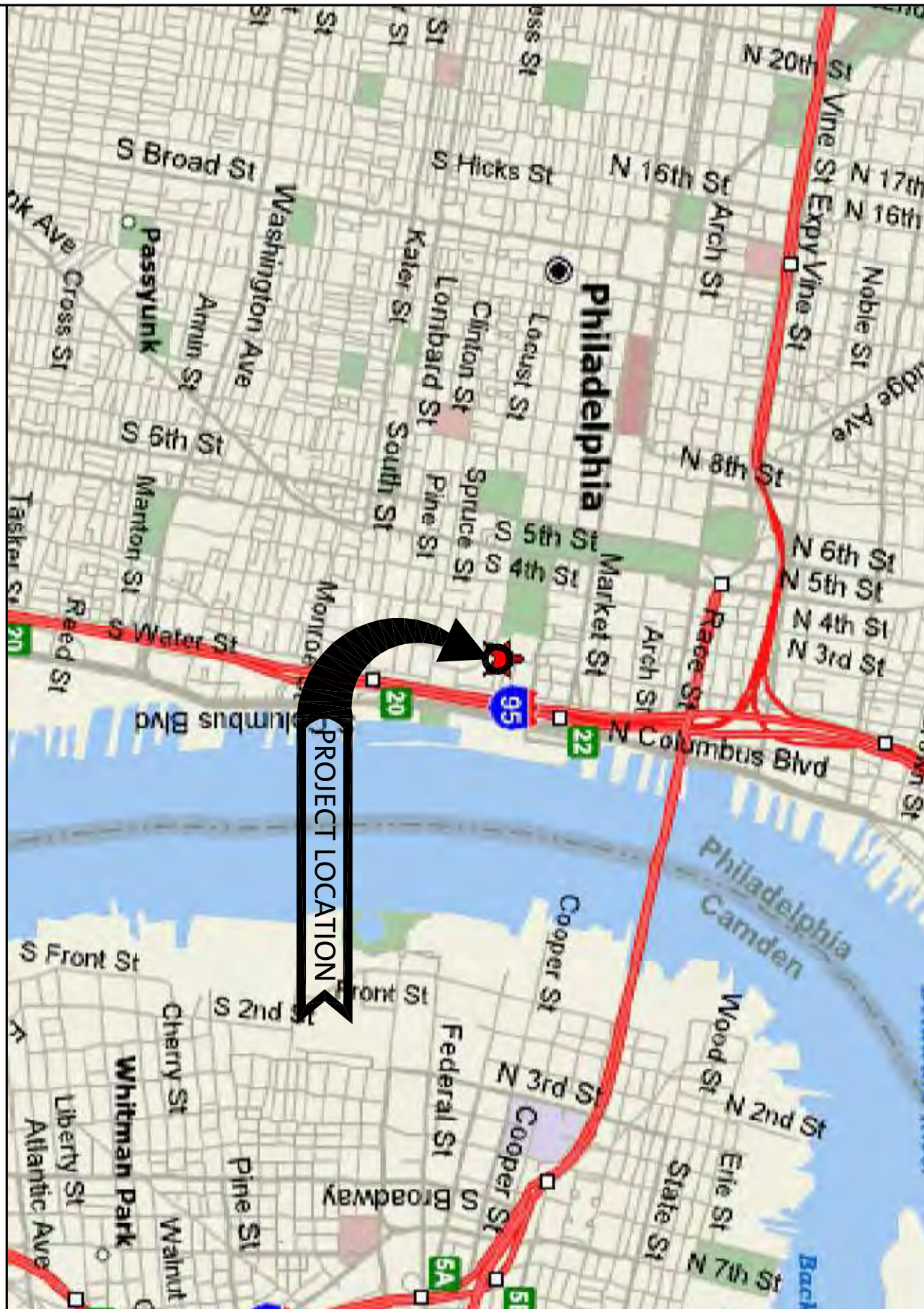


80% SUBMISSION SET

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
DENVER SERVICE CENTER

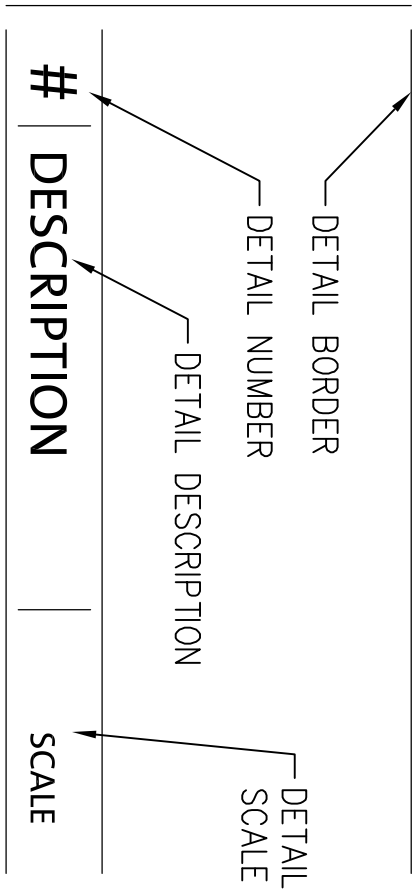
DRAWING TITLE
COVER SHEET
PROJECT TITLE
CITY TAVERN-ELEVATOR
NAME OF PARK
INDEPENDENCE NATIONAL HISTORICAL PARK
REGION
NORTHEAST
COUNTY
PHILADELPHIA
STATE
PENNSYLVANIA

DRAWING NO.
PMS/PKG. NO.
13531
SHEET
1 of 37

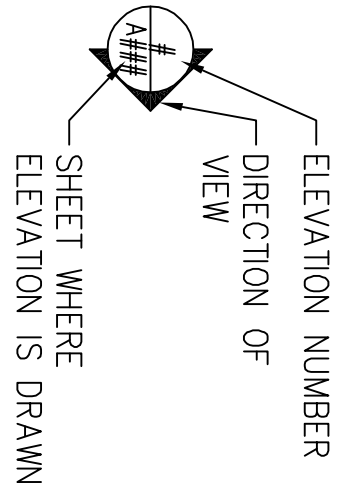


CONTEXT MAP
PHILADELPHIA, PENNSYLVANIA

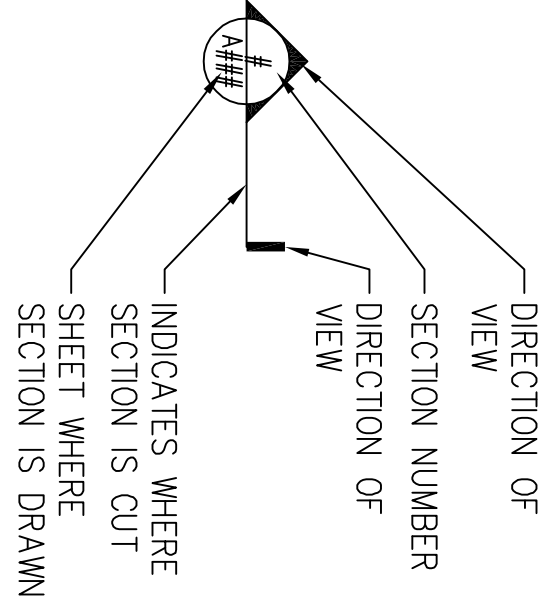
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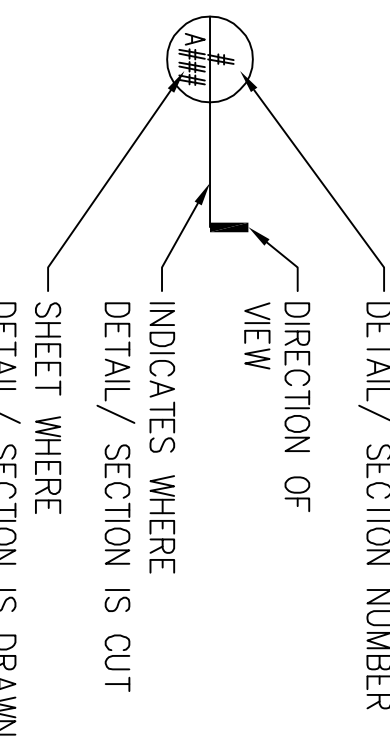
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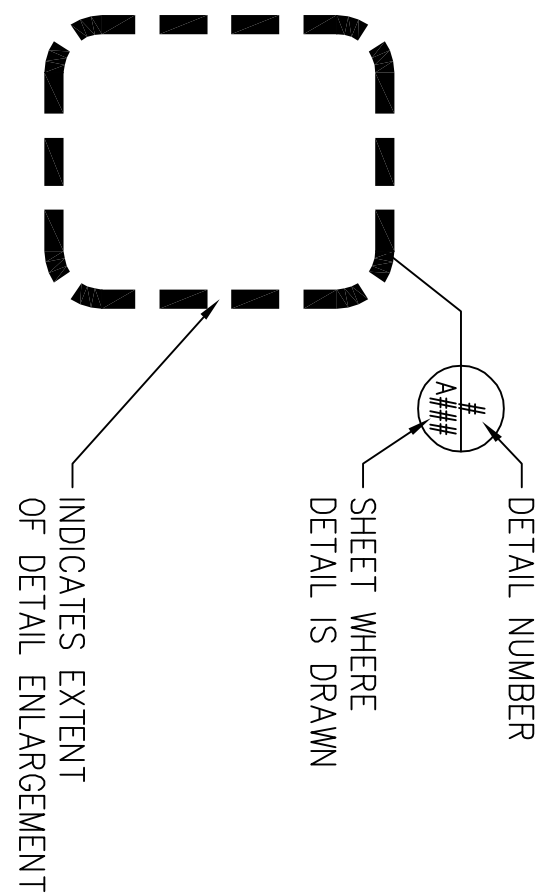
ELEVATION INDICATORS



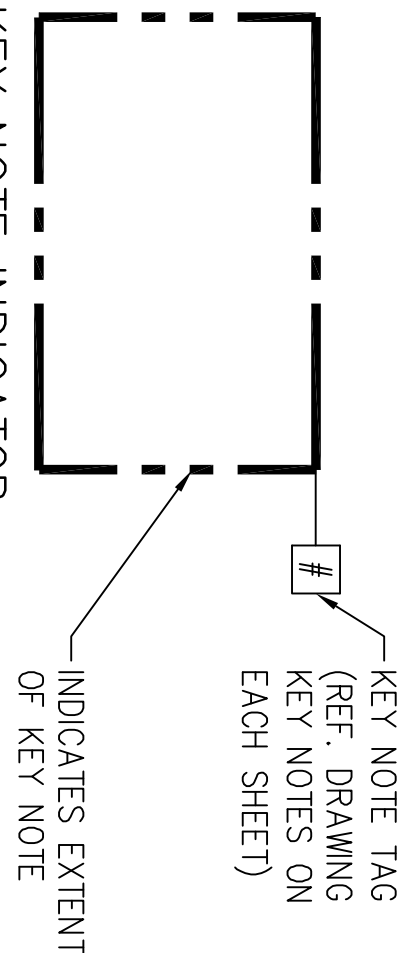
SECTION INDICATOR



DETAIL / SECTION INDICATORS



DETAIL INDICATOR



2 | DRAWING TAG KEY

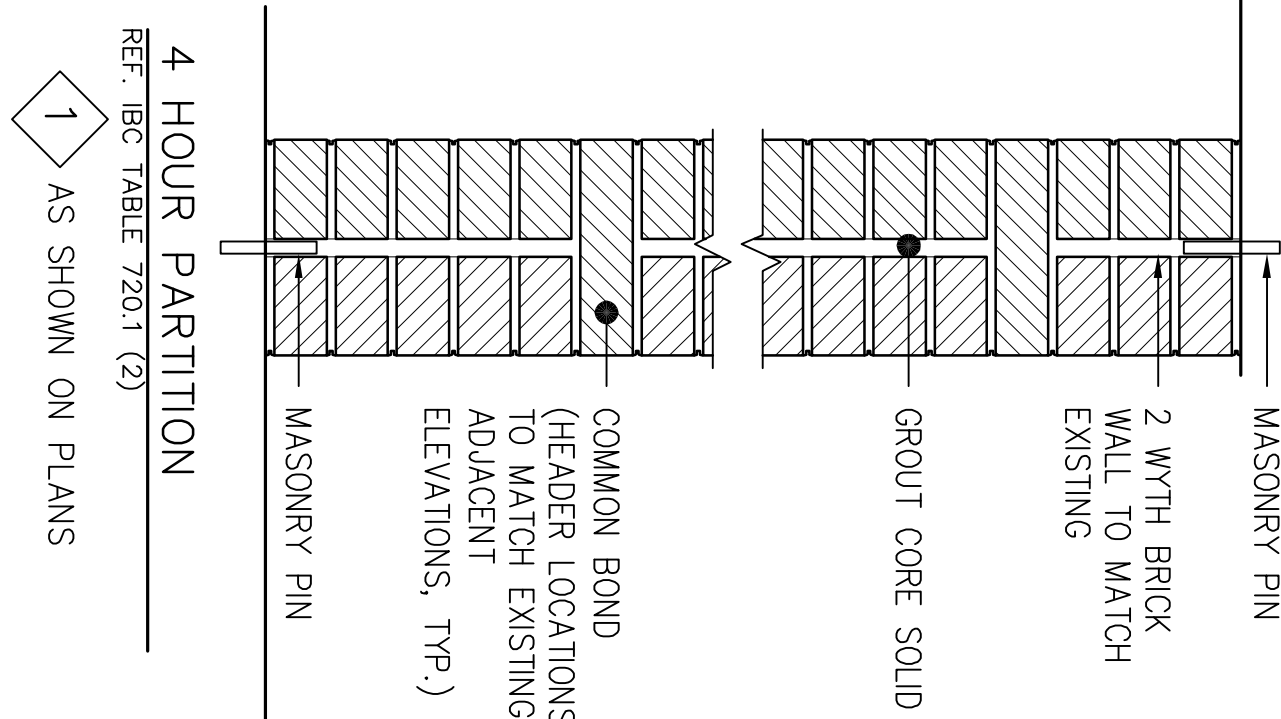
NO SCALE

	EARTH		FINISH WOOD
	COMPACTED BACKFILL		PLYWOOD
	GRANULAR FILL		BATT INSULATION
	BRICK		RIGID INSULATION/ ROOF INSULATION
	CONCRETE		STEEL
	CONCRETE MASONRY UNITS		STONE (CUT OR CAST)
	GYP SUM WALLBOARD OR GROUT		GLASS IN ELEVATION
	ROUGH WOOD BLOCKING (CONTINUOUS)		ALUMINUM
	ROUGH WOOD BLOCKING (INTERRUPTED)		PARTICLE BOARD/ FIBER BOARD

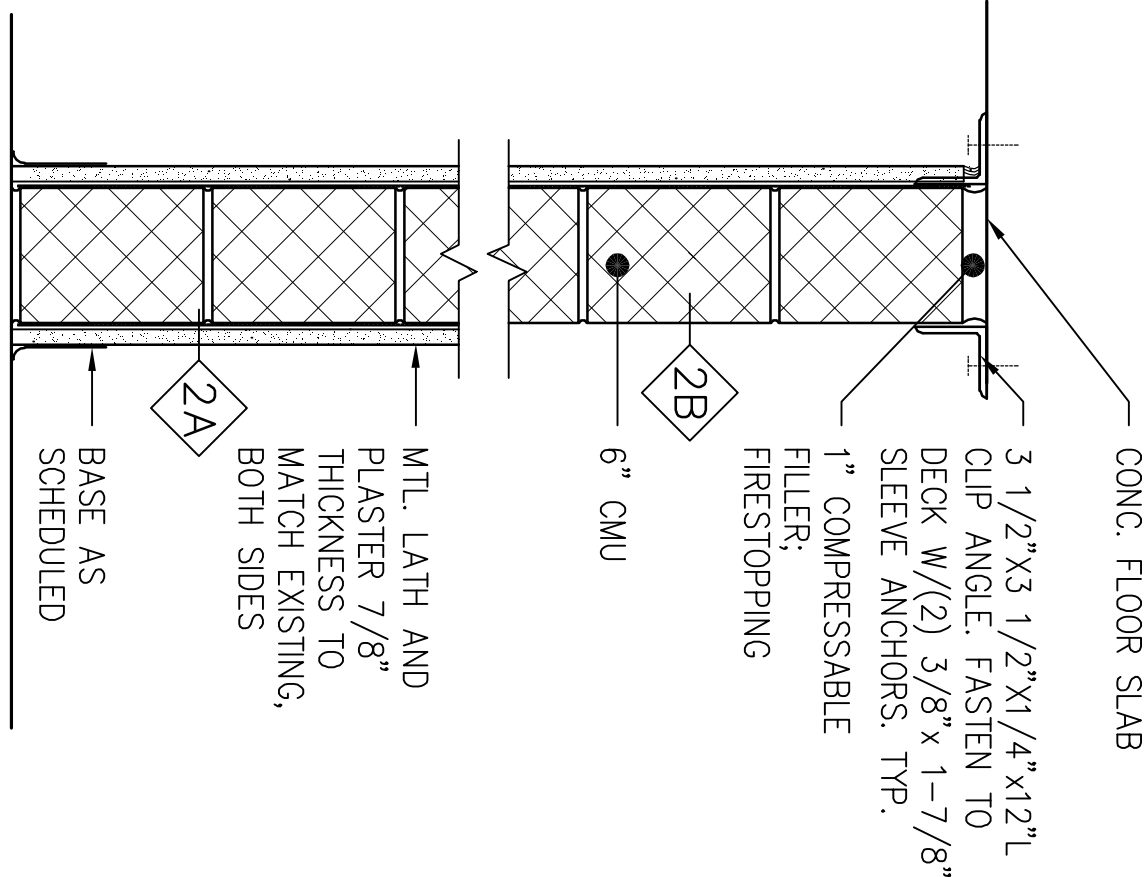
4 | HATCH KEY

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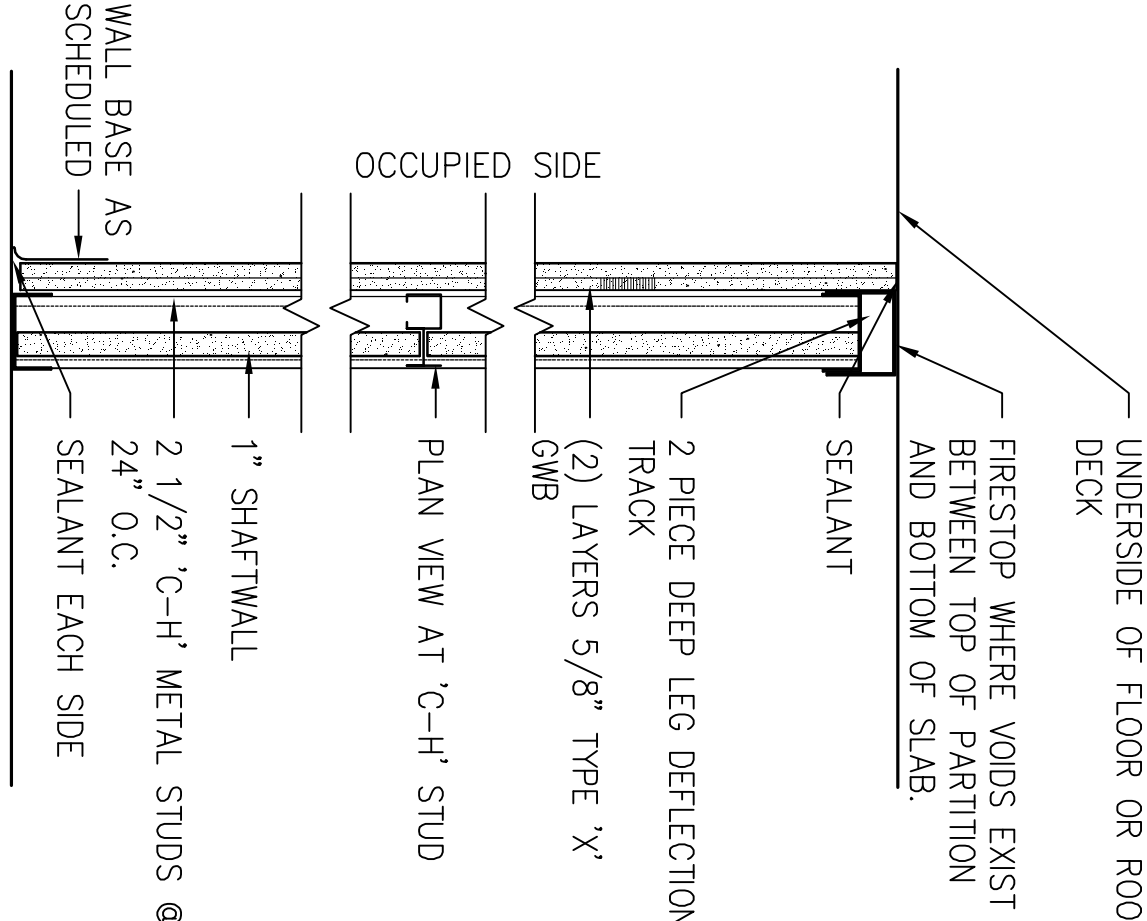


4 HOUR PARTITION
REF. IBC TABLE 720.1 (2)
1 AS SHOWN ON PLANS



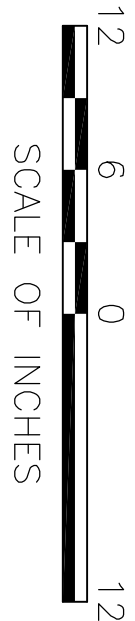
2 HOUR PARTITION
UL DESIGN U906 "OR APPROVED" EQUAL"

- 2A AS SHOWN ON PLANS
- 2B SAME AS 2A BUT WITH MTL. LATH AND PLASTER ONE SIDE



RATED CAVITY SHAFT WALL ASSEMBLY

- 3 AS SHOWN ON PLANS
UL DESIGN U438
"OR APPROVED" EQUAL"
- 2HR HOR. SHAFT WALL
PER WHI (Wormok Hersey, Inc. Testing Lab) Design
GP/WA 120-01
- 3H



1-1/2" = 1'-0"

DESIGNED:
RHB
TECH. REVIEW:
DATE: 10.06.06

SUB SHEET NO.

A002

TITLE OF SHEET
PARTITION TYPES &
DRAWING KEYS
INDEPENDENCE
NATIONAL HISTORICAL PARK

DRAWING NO.

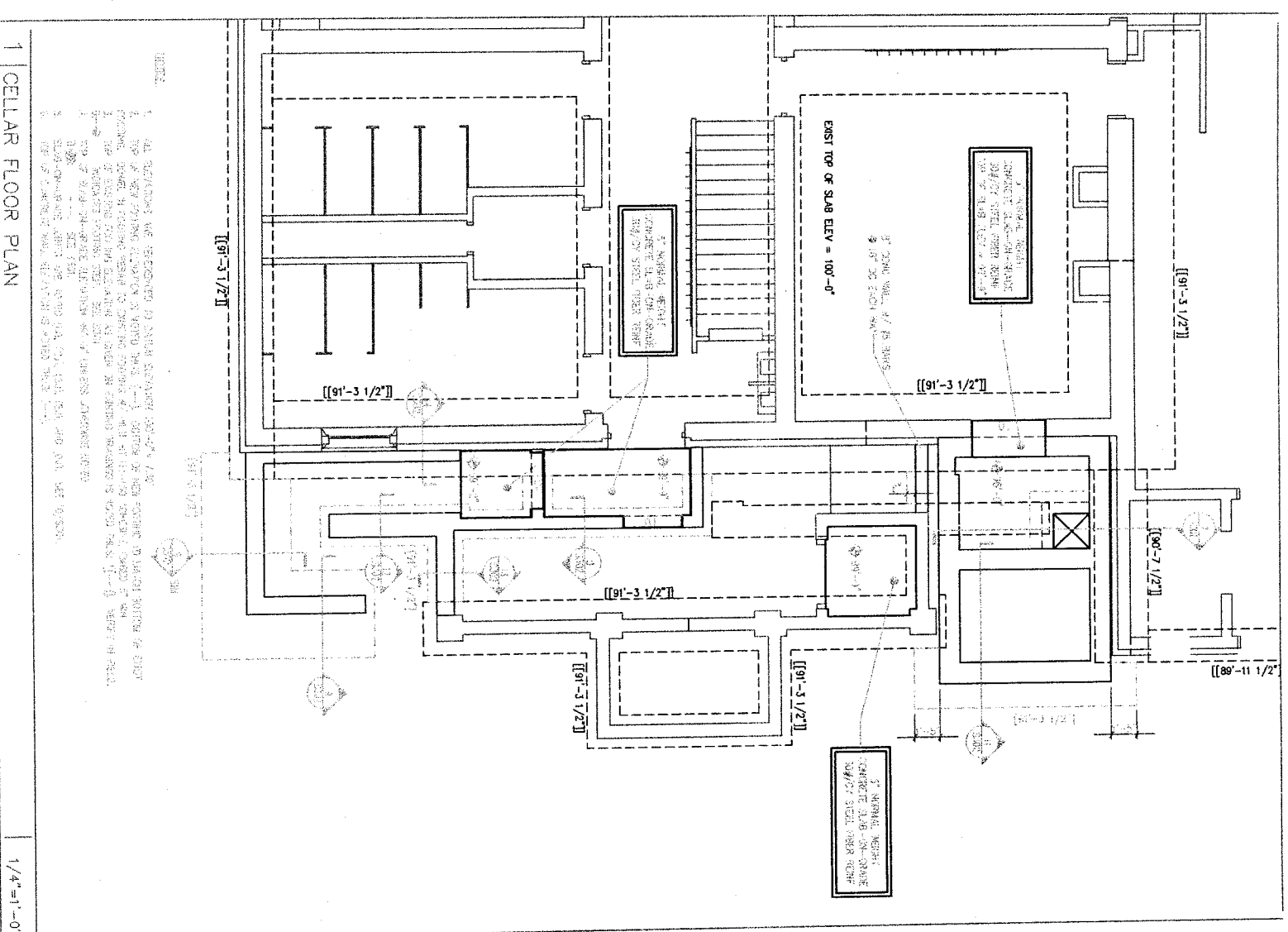
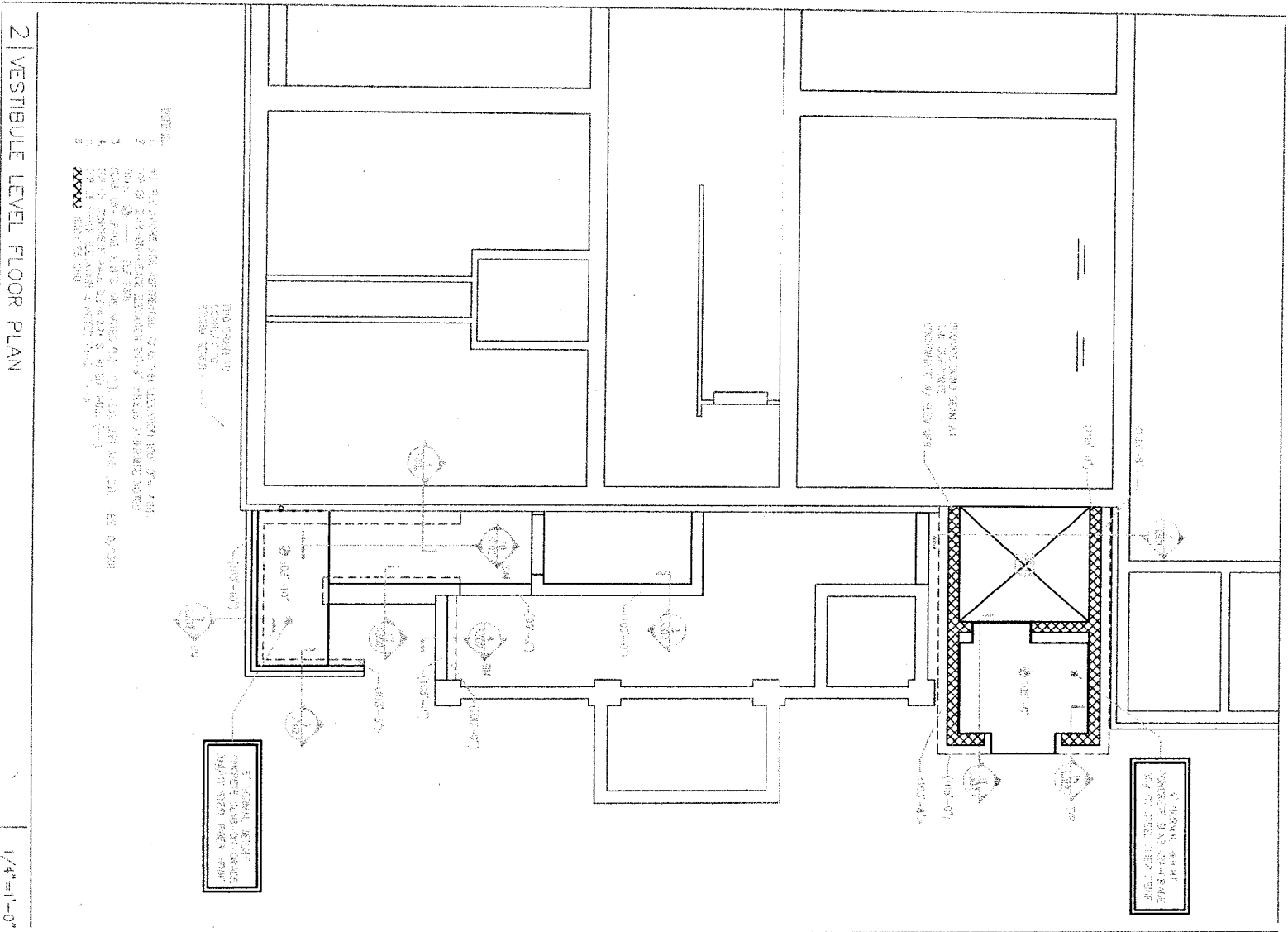
PMS/PKG NO.
1.3531

SHEET
3 of 37

3. GENERAL NOTES

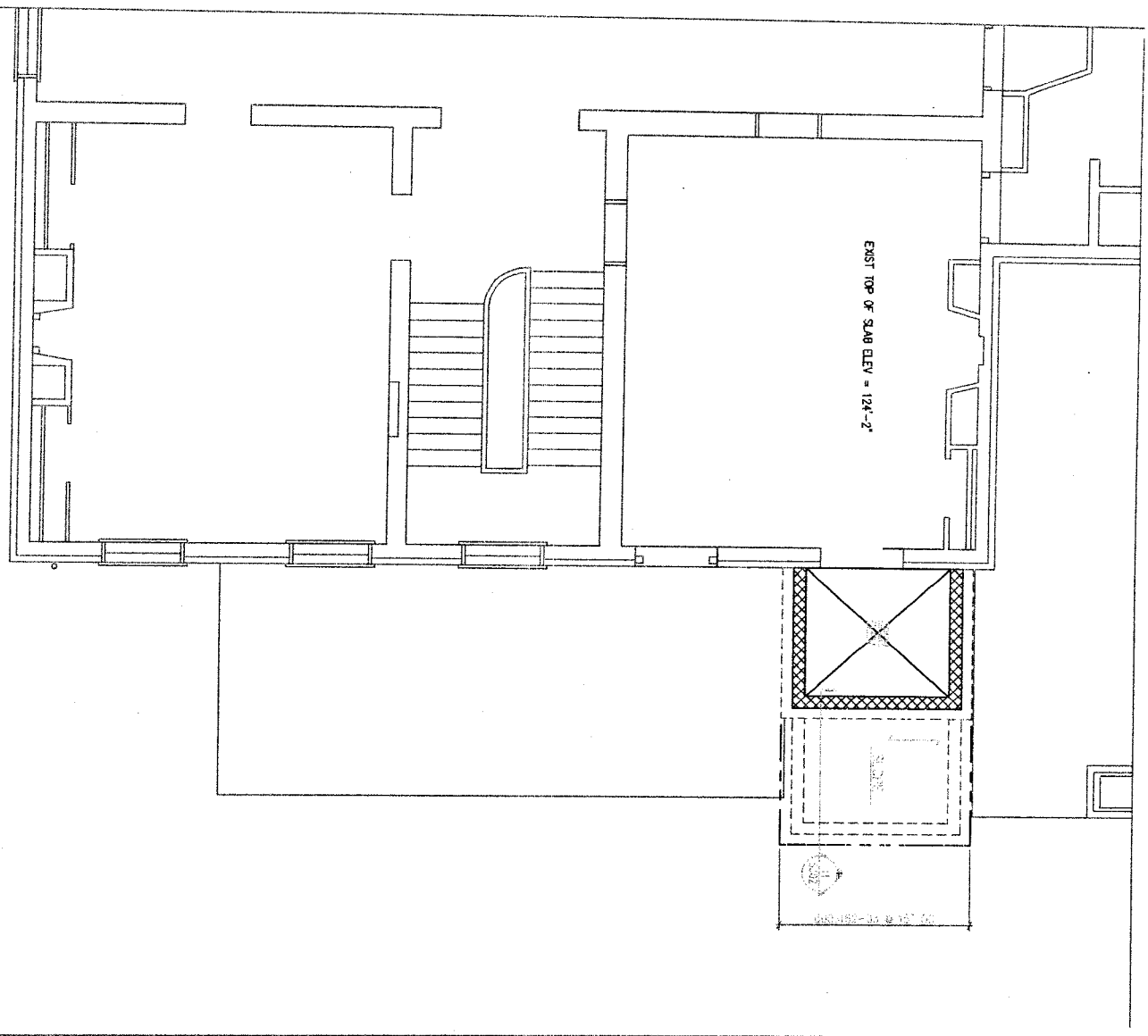
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2 STRUCTURAL ABBREVIATIONS				NO SCALE	
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EJN EAD EJN TECH. REVIEW FDL DATE	S001	NO SCALE			
GENERAL NOTES, ABBREVIATIONS, & DESIGN CRITERIA					
1 DESIGN CRITERIA					
NO SCALE					

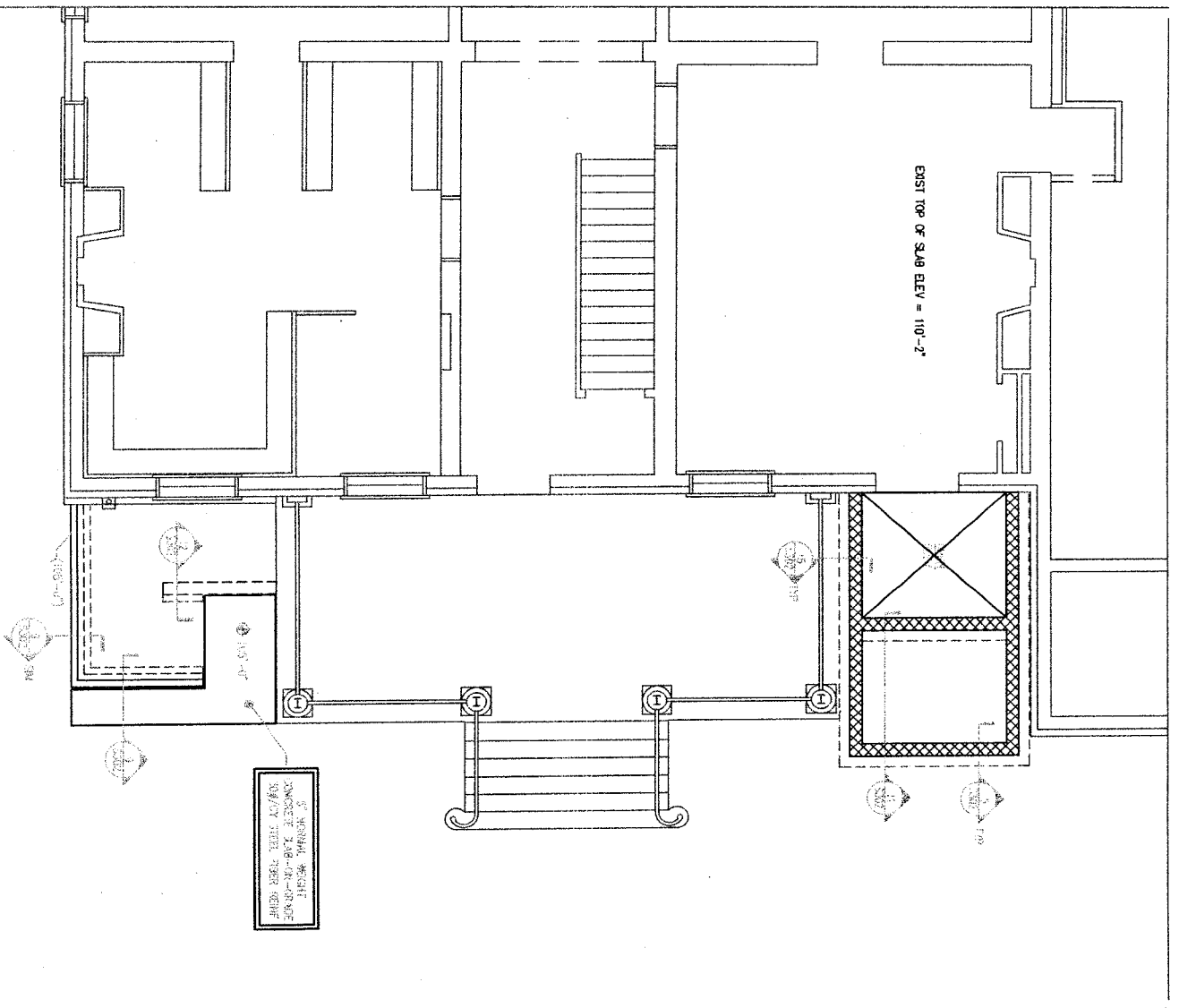


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CHKD:	SKD						00080
EJN							PLNS/PKG NO.
TECH. REVIEW:	FDL						13531
DATE:	10.13.03						SHEET
							5 of 38

2 SECOND FLOOR PLAN 1/4"=1'-0"

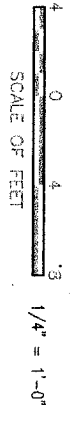


1 FIRST FLOOR PLAN 1/4"=1'-0"

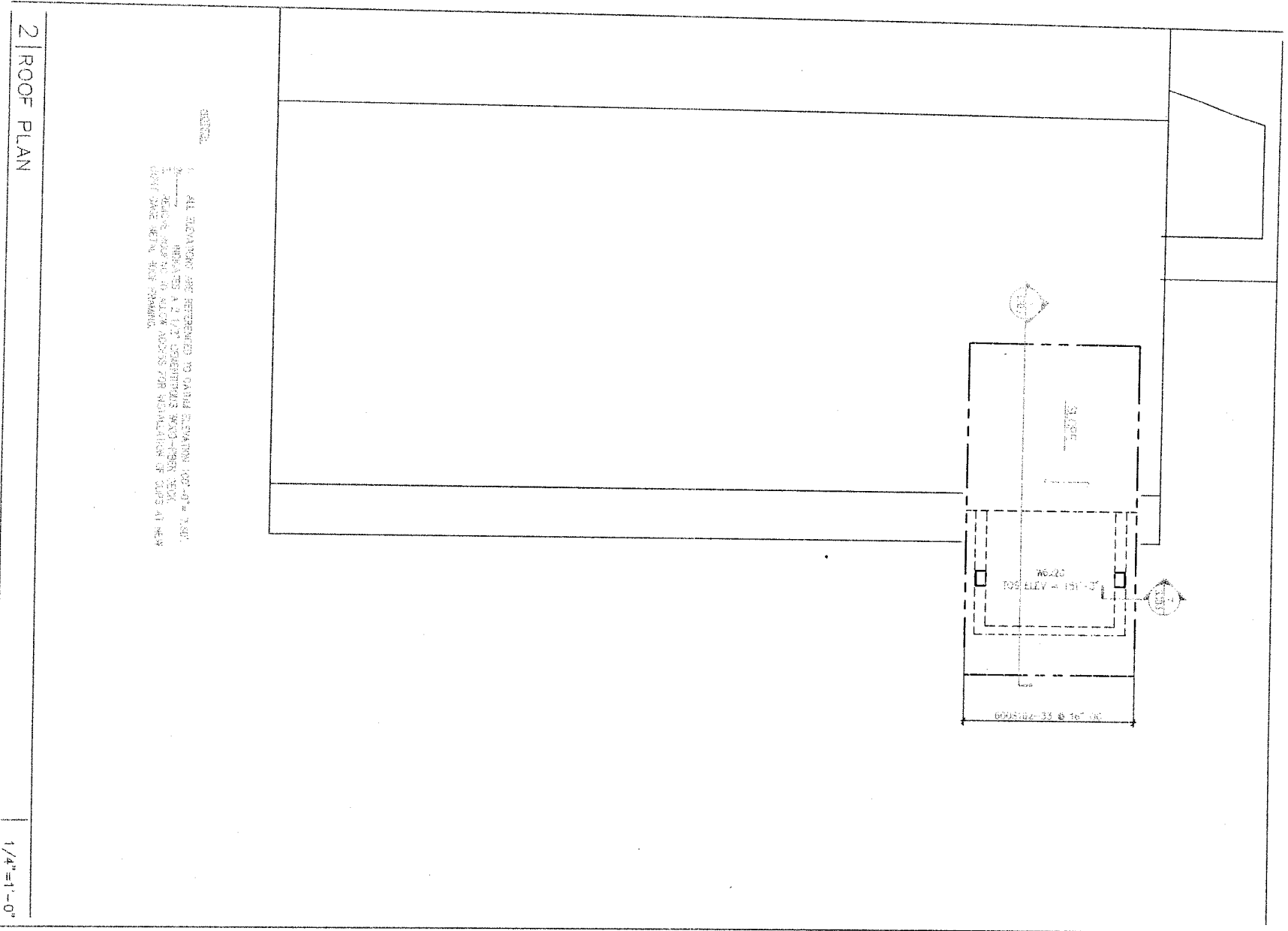


1. ALL DIMENSIONS ARE REFERENCED TO BUILDING CENTER LINE UNLESS NOTED OTHERWISE.
2. DIMENSIONS ARE REFERENCED TO BUILDING CENTER LINE UNLESS NOTED OTHERWISE.
3. DIMENSIONS ARE REFERENCED TO BUILDING CENTER LINE UNLESS NOTED OTHERWISE.
4. DIMENSIONS ARE REFERENCED TO BUILDING CENTER LINE UNLESS NOTED OTHERWISE.

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2. DIMENSIONS ARE REFERENCED TO BUILDING CENTER LINE UNLESS NOTED OTHERWISE.
3. DIMENSIONS ARE REFERENCED TO BUILDING CENTER LINE UNLESS NOTED OTHERWISE.
4. DIMENSIONS ARE REFERENCED TO BUILDING CENTER LINE UNLESS NOTED OTHERWISE.



DESIGNED BY: EJN 0000	SUB SHEET NO. S102	TITLE OF SHEET FIRST AND SECOND FLOOR PLAN	DRAWING NO. 301 60070
TECH. REVIEW: FDL		INDEPENDENCE NATIONAL HISTORICAL PARK	PMS/PKG NO. 13531
DATE: 10.11.08			SHEET 6 OF 38



NOTE:
1. ALL ELEVATIONS ARE REFERENCED TO GROUND ELEVATION 100'-0\"/>

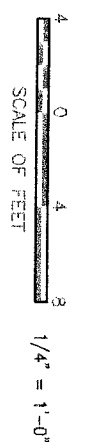
2 | ROOF PLAN

1/4\"/>

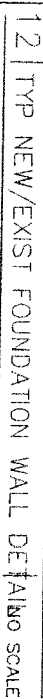
1 | THIRD FLOOR PLAN

1/4\"/>

NOTE:
1. ALL ELEVATIONS ARE REFERENCED TO GROUND ELEVATION 100'-0\"/>



DESIGNED: EJN @ABD	SUB SHEET NO. S103	TITLE OF SHEET THIRD FLOOR PLAN AND ROOF PLAN	DRAWING NO. 391 50090
TECH. REVIEW: FDL		INDEPENDENCE NATIONAL HISTORICAL PARK	PMS/PKG NO. 13531
DATE: 10.13.08			SHEET 7 of 38



12 TYP NEW/EXIST FOUNDATION WALL DETAIL NO SCALE



9 TYP NEW MASONRY WALLS TO EXIST SLAB ROOM



6	TYP SUMP PIT DETAIL	NO SCALE
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3 | TYP CONCRETE WALL INTERSECTION PLAND SCALE



11 | TYP PLAN DETAIL AT RE-ENTRANT CORNER SCALE



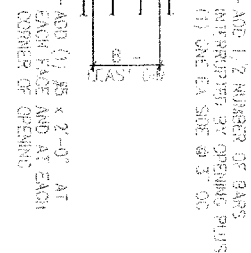
10 | TYP SLAB-ON-GRADE JOINTS



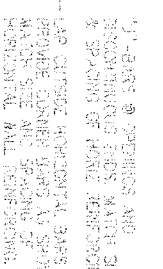
8	TYP SLAB-ON-GRADE CONSTRUCTION	NO SCALE
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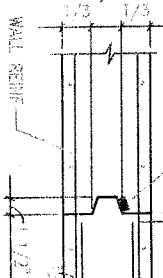
7 | TYP ELEVATOR PIT DETAIL



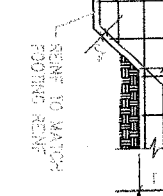
5	TYP WALL OPENING ELEVATION	NO SCALE
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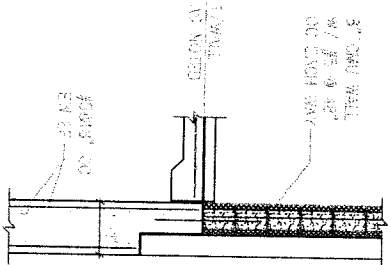
4 TYP CONCRETE WALL CORNER & END REINFORCEMENT



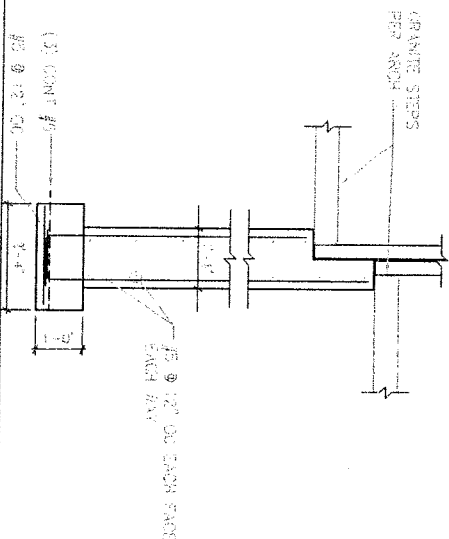
2 | TYP WALL VERTICAL CONSTRUCTION JOINT SCALE



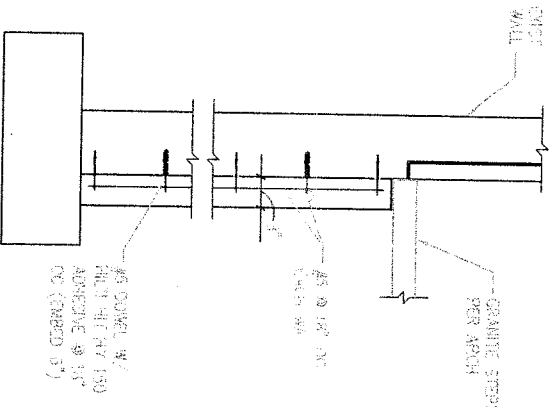
1	TYP STEPPED WALL FOOTING DETAIL	NO SCALE
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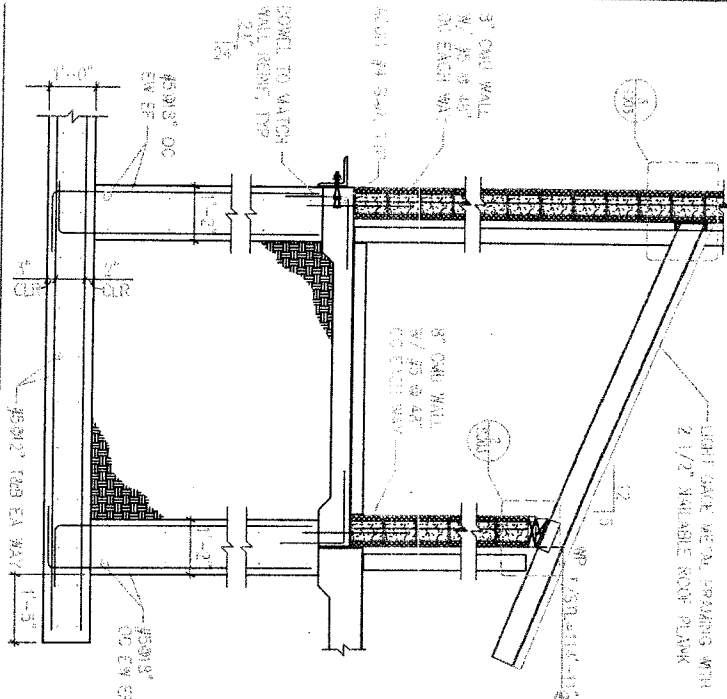
15 SECTION NO SCALE



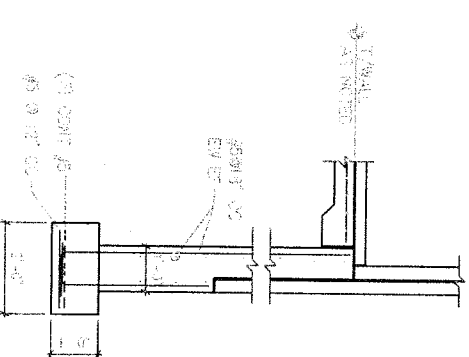
12 SECTION 1/2\"=1'-0\"



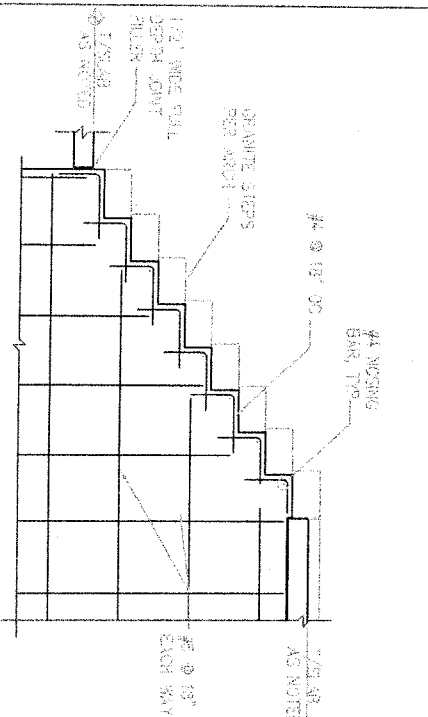
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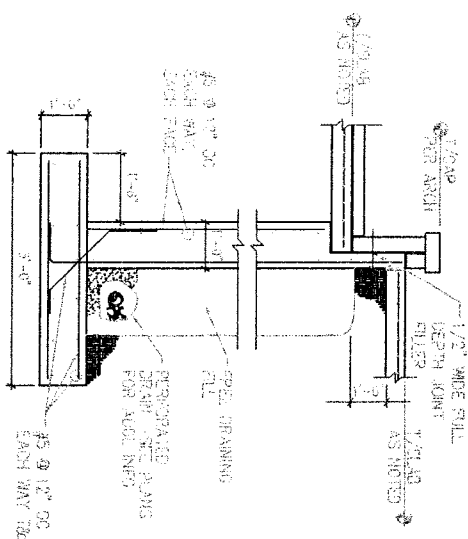
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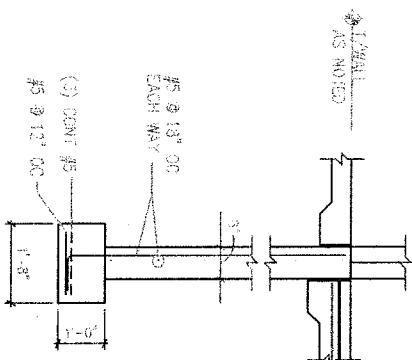
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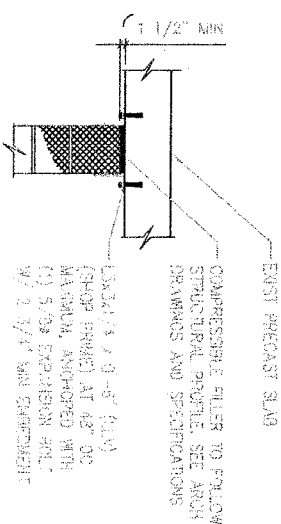
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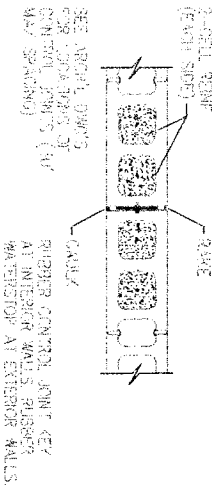
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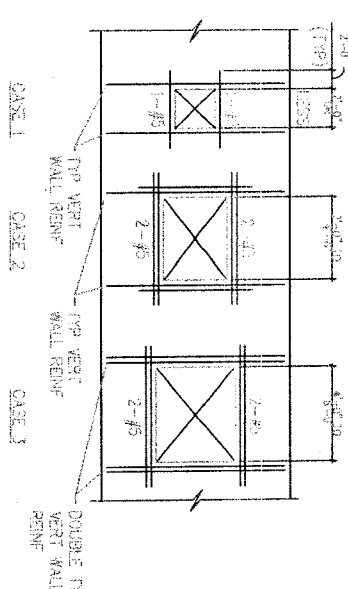
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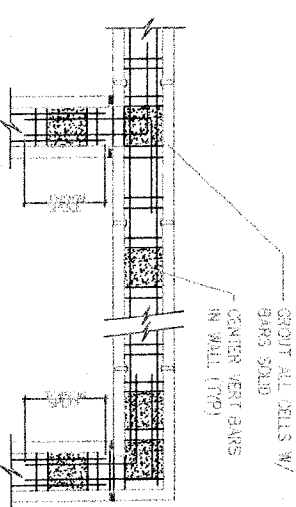
7 TYP NON-LOAD BEARING WALL DOWNSCALE



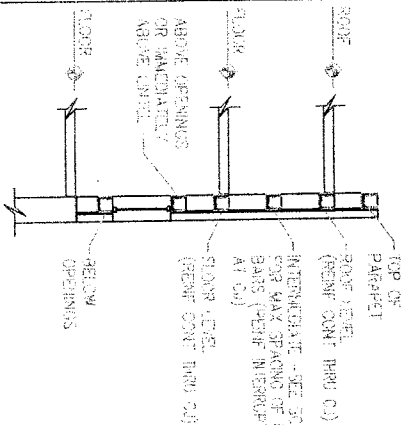
6 TYP CMU CONTROL JOINT NO SCALE



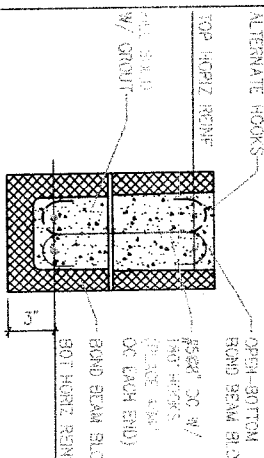
5 TYP REINF AROUND WALL OPENINGSCALE



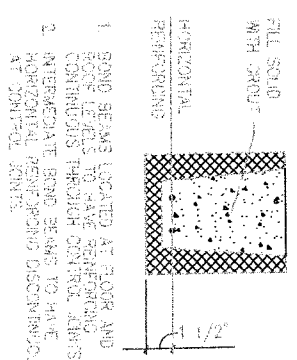
4 TYP STRC BOND BEAM DETAIL NO SCALE



3 TYP BOND BEAM LOOPS NO SCALE



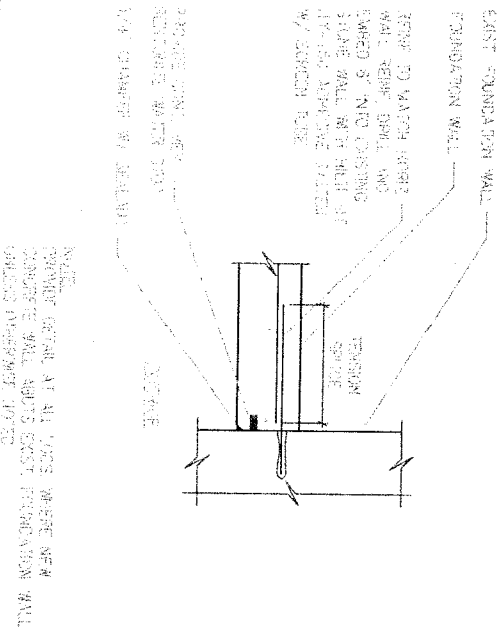
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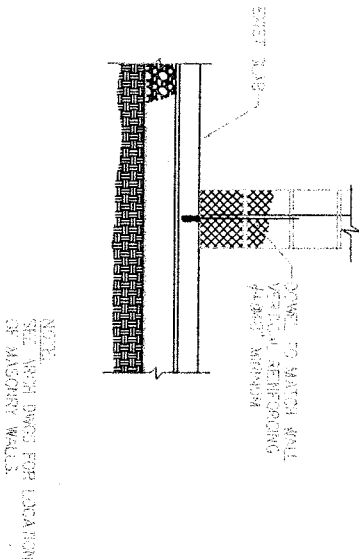
1 TYP BOND BEAM REINF NO SCALE



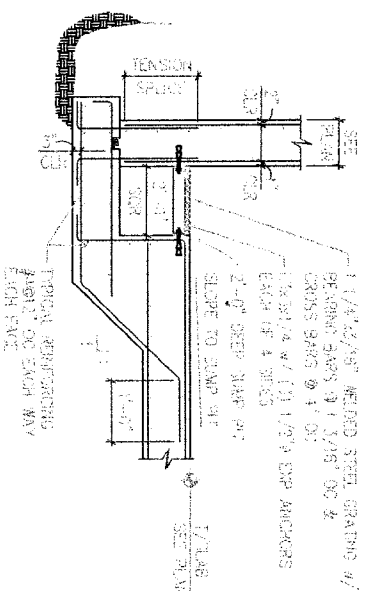
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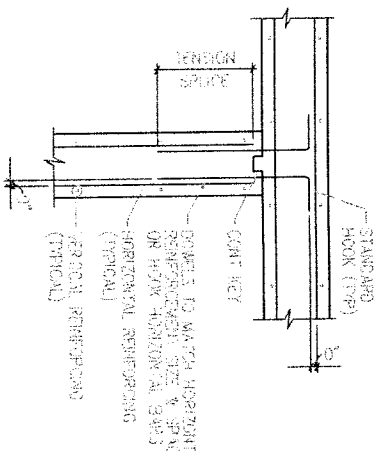
12 | TYP NEW/EXIST FOUNDATION WALL DETAIL NO SCALE



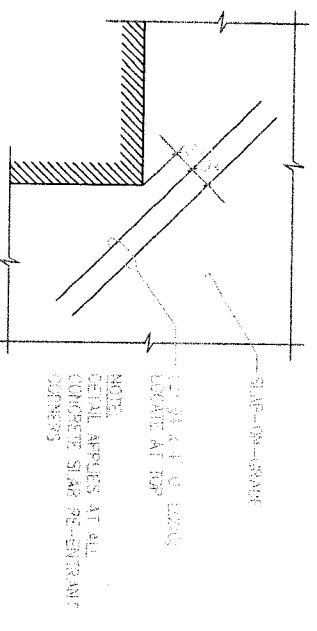
9 | TYP NEW MASONRY WALLS TO EXIST SLAB NO SCALE



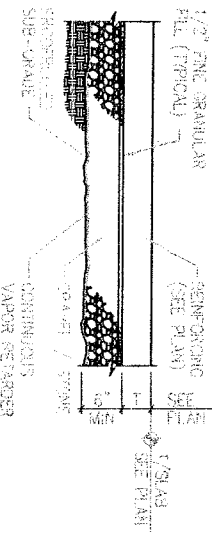
6 | TYP SUMP PIT DETAIL NO SCALE



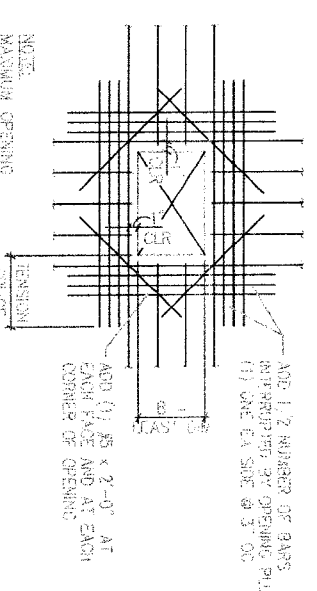
3 | TYP CONCRETE WALL INTERSECTION NO SCALE



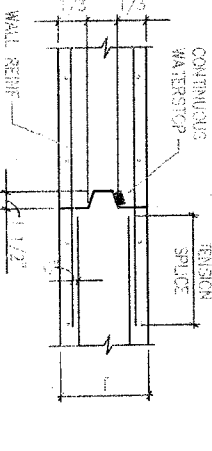
11 | TYP PLAN DETAIL AT RE-ENTRANT NO SCALE



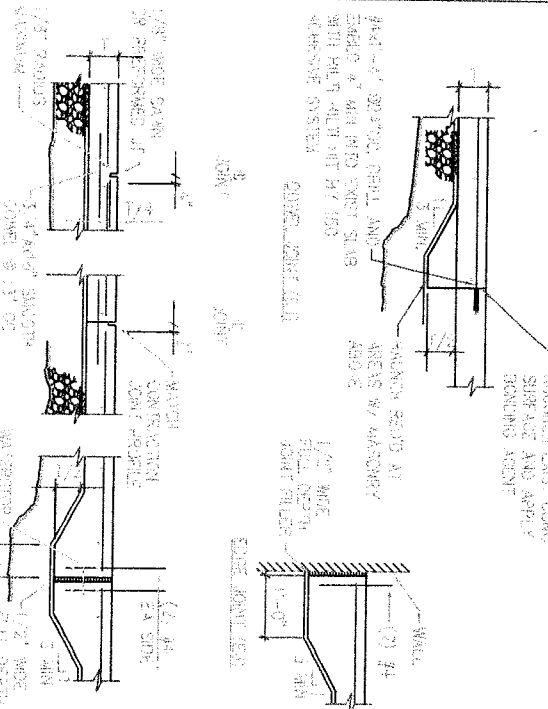
8 | TYP SLAB-ON-GRADE CONSTRUCTION NO SCALE



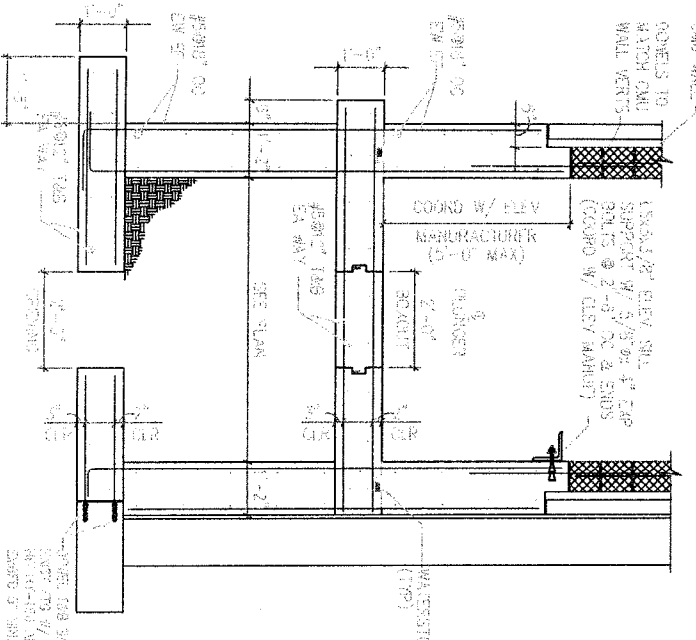
5 | TYP WALL OPENING ELEVATION NO SCALE



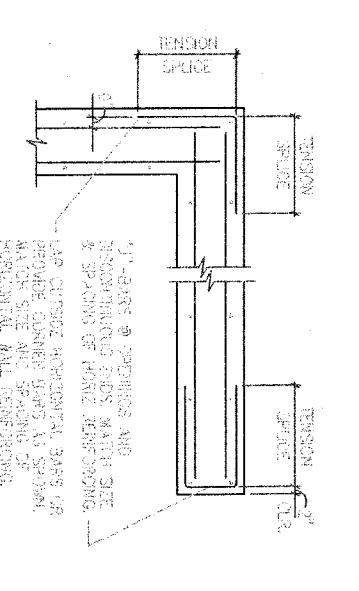
2 | TYP WALL VERTICAL CONSTRUCTION NO SCALE



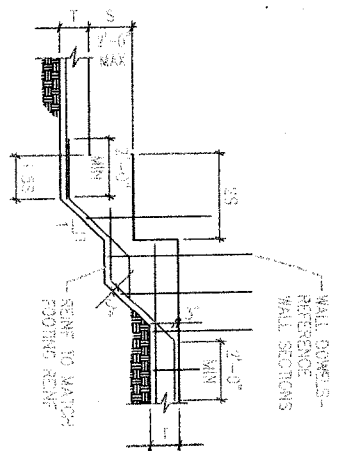
10 | TYP SLAB-ON-GRADE JOINTS NO SCALE



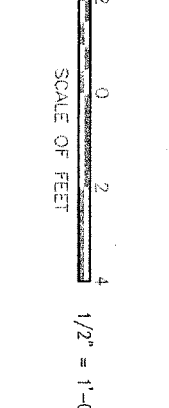
7 | TYP ELEVATOR PIT DETAIL NO SCALE



4 | TYP CONCRETE WALL CORNER & END NO SCALE



1 | TYP STEPPED WALL FOOTING DETAIL NO SCALE



DESIGNED:

EJN

TECH. REVIEW:

FDL

DATE:

10.13.06

SUB SHEET NO.

S301

TITLE OF SHEET

TYPICAL CONCRETE AND MASONRY SECTIONS & DETAILS

DRAWING NO.

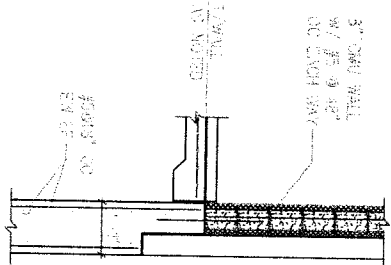
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PMS/PKG NO.

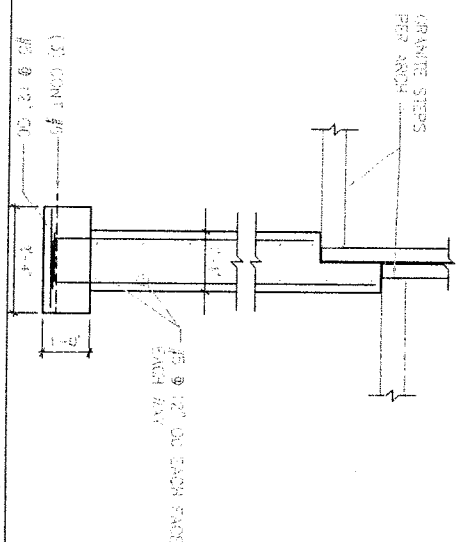
13531

SHEET

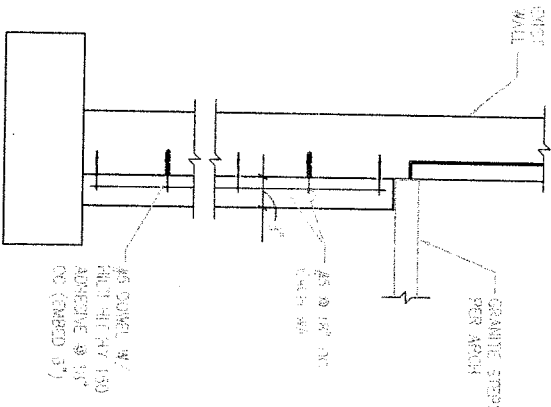
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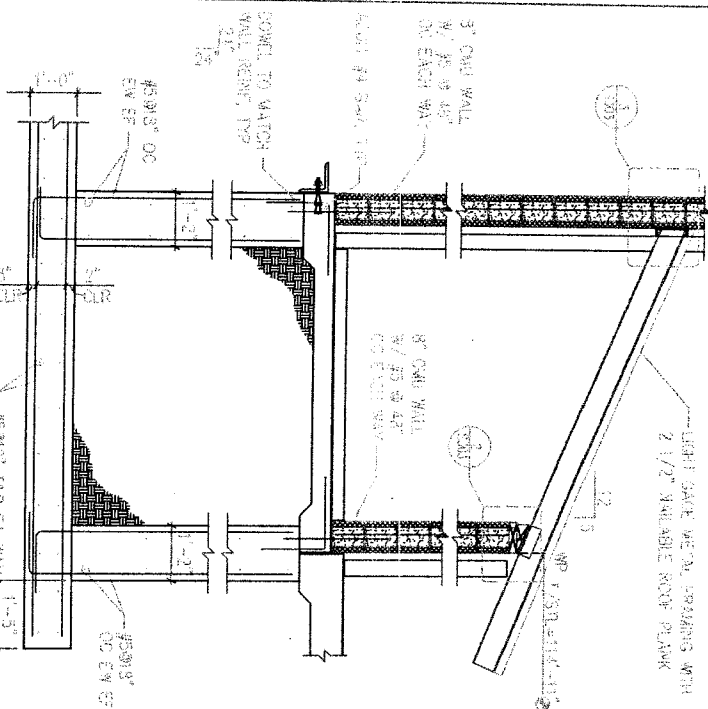
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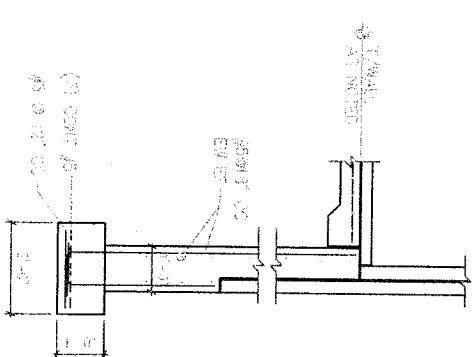
12 SECTION 1/2"=1'-0"



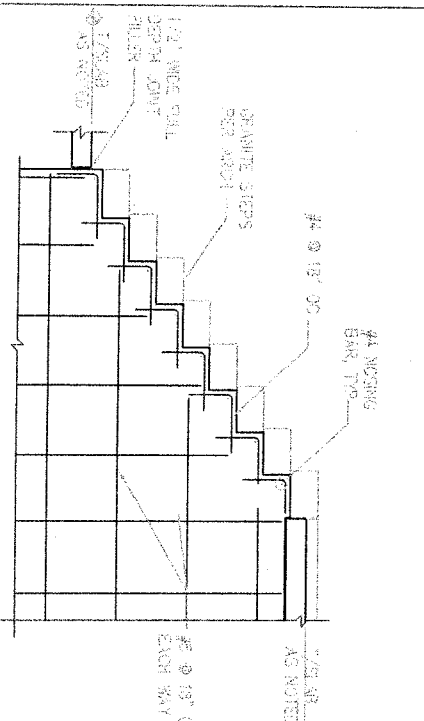
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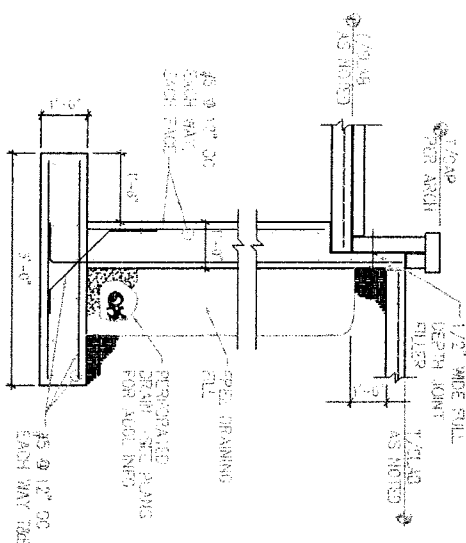
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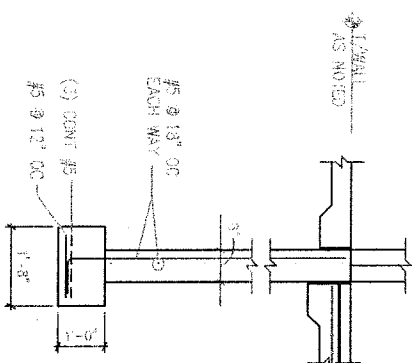
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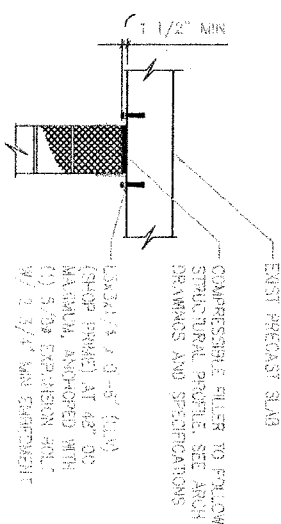
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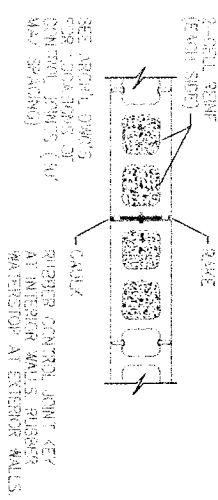
9 SECTION 1/2"=1'-0"



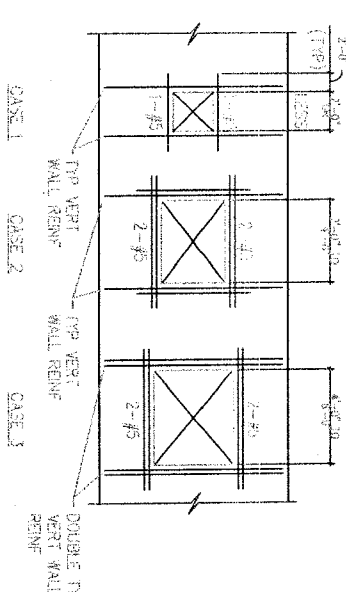
8 SECTION 1/2"=1'-0"



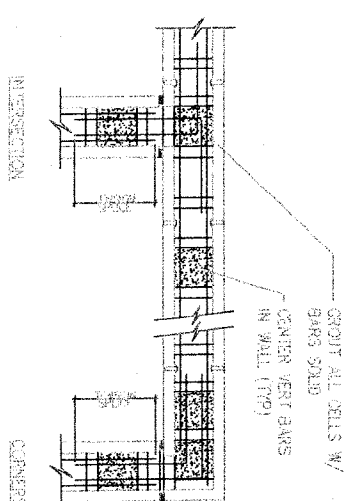
7 TYP NON-LOAD BEARING WALL DOWNSCALE



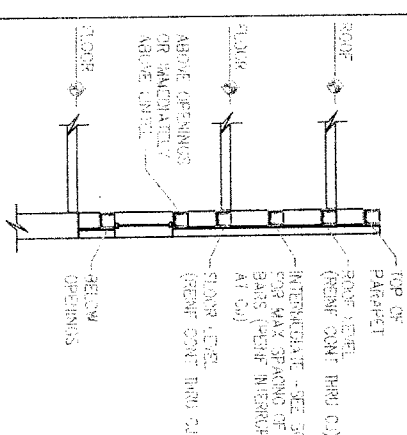
6 TYP CMU CONTROL JOINT NO SCALE



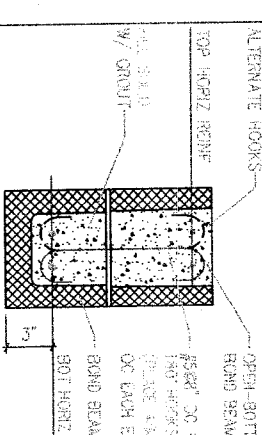
5 TYP REINF AROUND WALL OPENINGSCALE



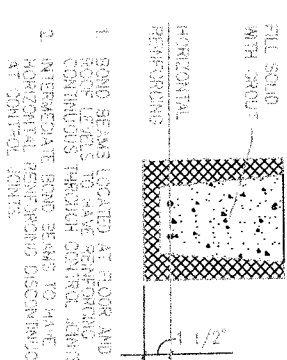
4 TYP STRC BOND BEAM DETAIL NO SCALE



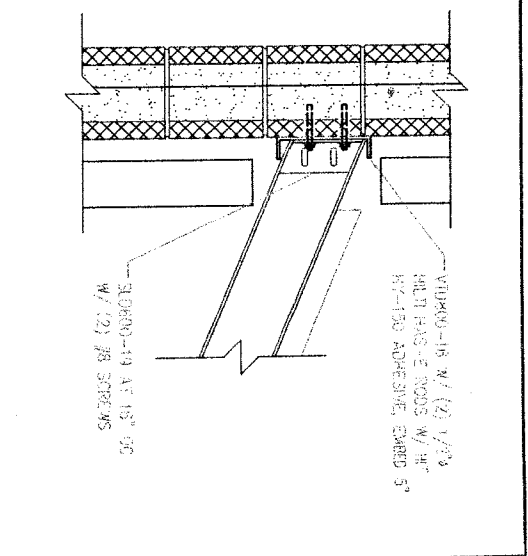
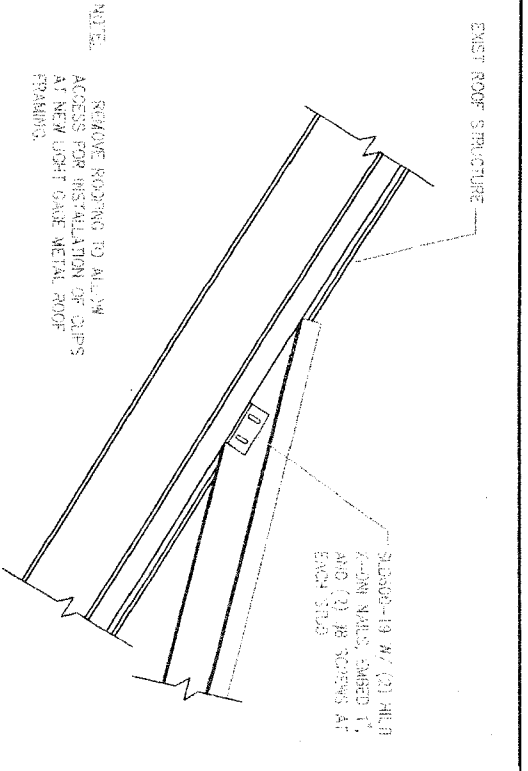
3 TYP BOND BEAM LOOPS NO SCALE



2 TYP CMU LINTEL NO SCALE

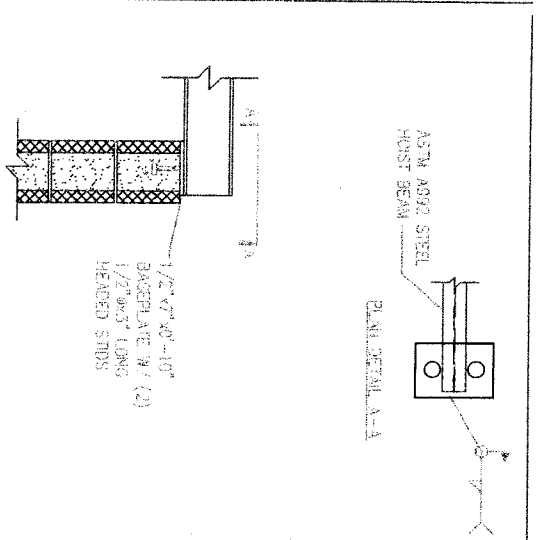


1 TYP BOND BEAM REINF NO SCALE

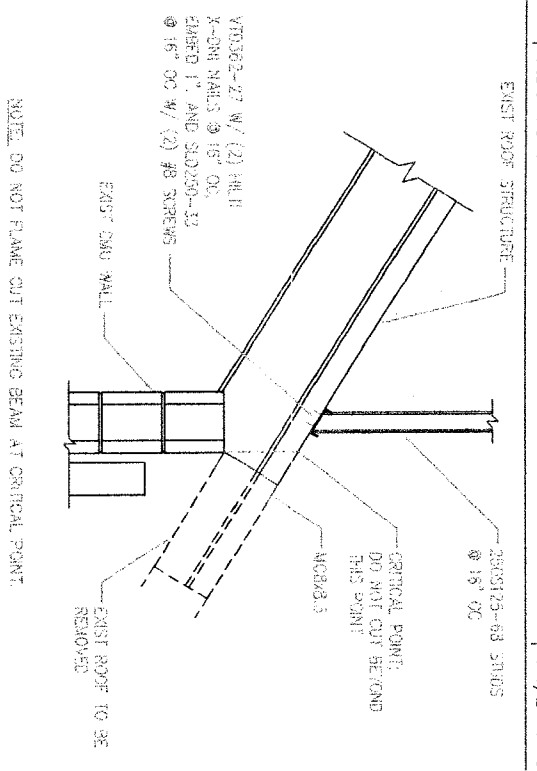


5 SECTION 1 1/2"=1'-0"

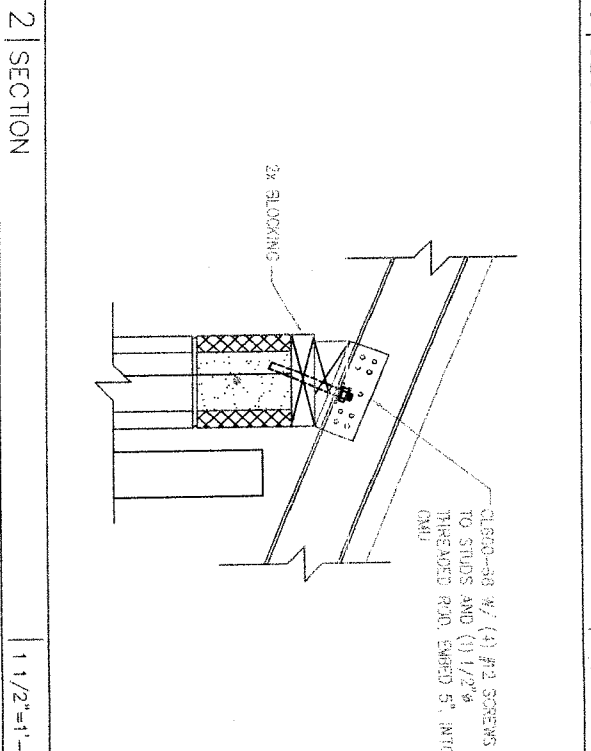
3 SECTION 1 1/2"=1'-0"



7 SECTION 1 1/2"=1'-0"



4 SECTION 1 1/2"=1'-0"



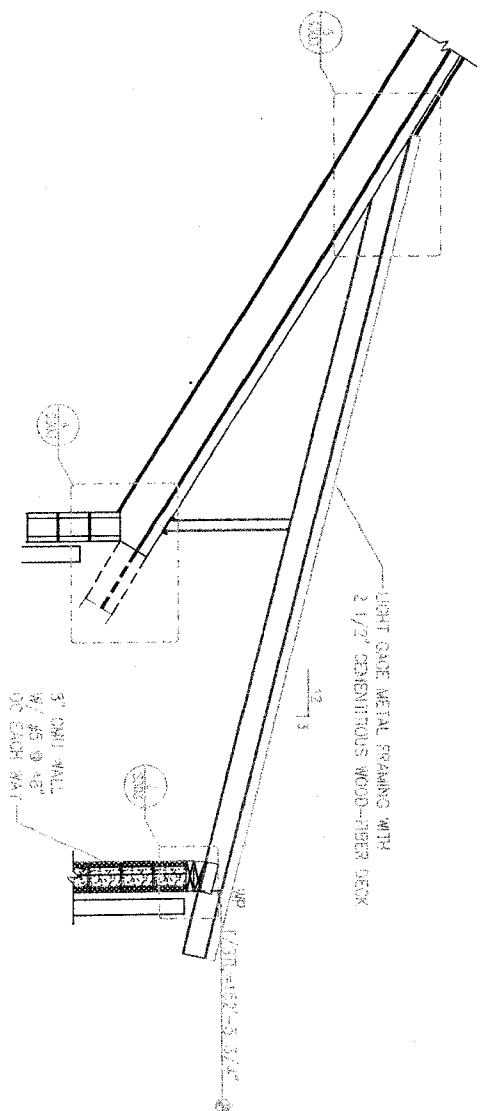
2 SECTION 1 1/2"=1'-0"

MASONRY LINTEL SCHEDULE									
CMU LINTELS					LOOSE LINTELS				
LOAD-BEARING			NON-LOAD BEARING		WEVER OR GROUTING WALL FOR 4" THICKNESS				
REINFORCEMENT					NOT DOPED (CALCULATED)				
M.L.	#	H	HORIZ	VERT	#	H	HORIZ	VERT	LAKE/1/3
5'-2'-0"	3	16	(2) #8	#4 @ 3"	3	8	(1) #4		LAKE/1/3
5'-4'-0"	3	24	(2) #8	#4 @ 3"	3	8	(1) #4		LAKE/1/3

NOTE: 8" BEARING LENGTH UNLESS OTHERWISE NOTED.

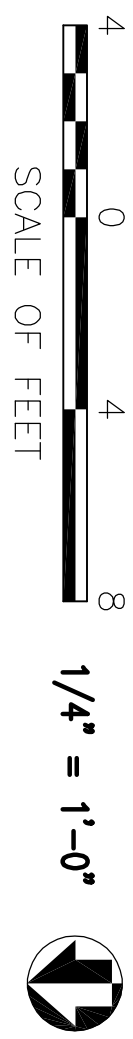
6 TYPICAL LINTEL SCHEDULE NO SCALE

1 SECTION 1 1/2"=1'-0"



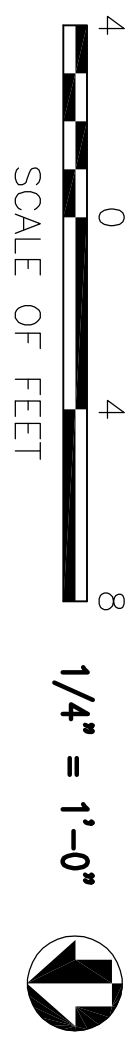
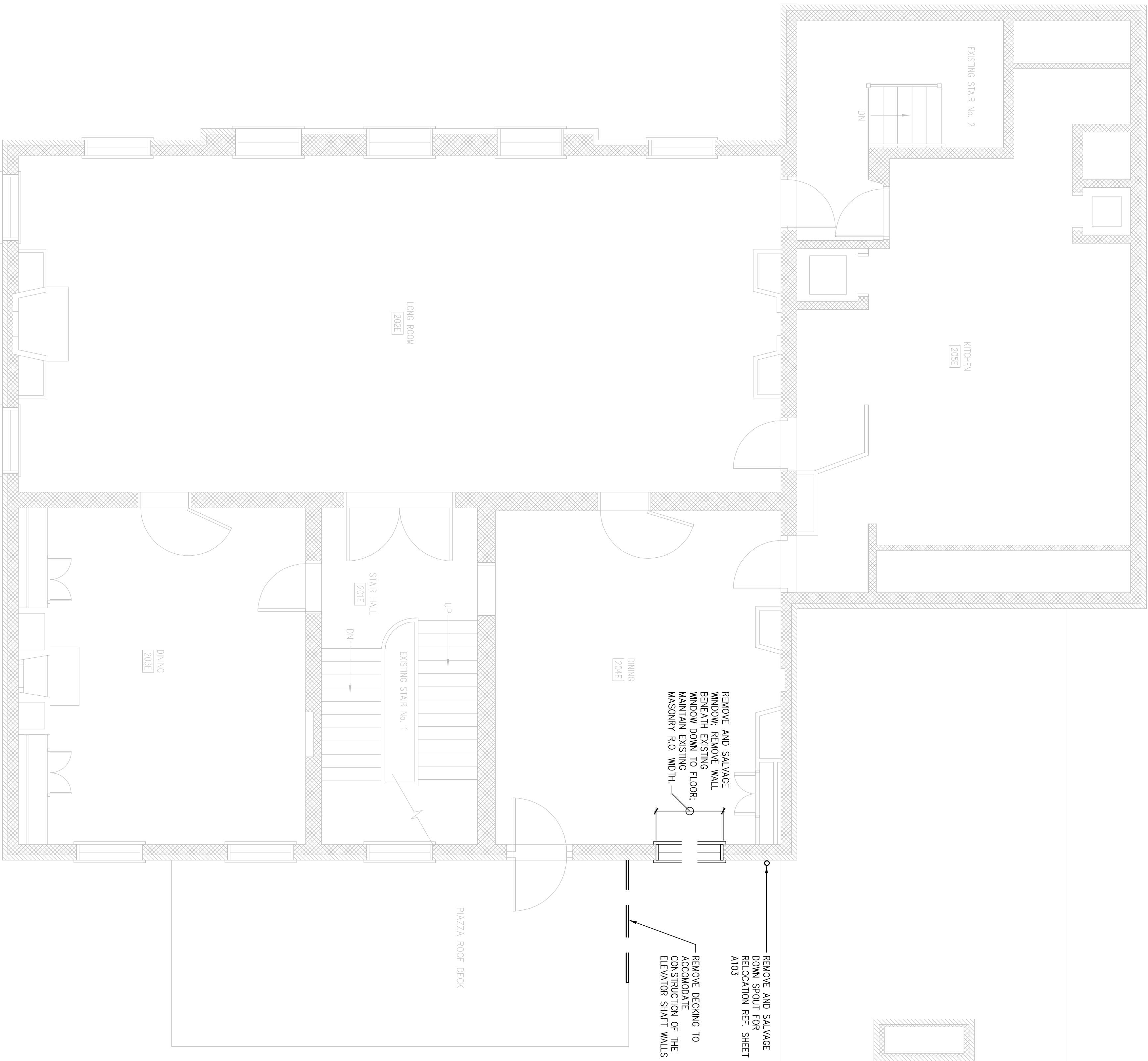
SCALE OF FEET 1/2"=1'-0"

DESIGNED: EUN	SUB SHEET NO. 303	TITLE OF SHEET	DRAWING NO. 70.1
REVIEW: EUN		TYPICAL MASONRY AND CONCRETE SECTIONS & DETAILS	60090
TECH. REVIEW: FDL		INDEPENDENCE NATIONAL HISTORICAL PARK	PMS/PKG NO. 13531
DATE: 10.13.06			SHEET 10 OF 38



1 | SELECTIVE DEMOLITION FIRST FLOOR PLAN

DESIGNED: RHB		SUB SHEET NO. AD002		TITLE OF SHEET SELECTIVE DEMOLITION FIRST FLOOR PLAN		DRAWING NO. _____	
TECH. REVIEW: RHB				INDEPENDENCE NATIONAL HISTORICAL PARK		PMS/PKG NO. 13531	
DATE: 10.06.06						SHEET 11 of 37	

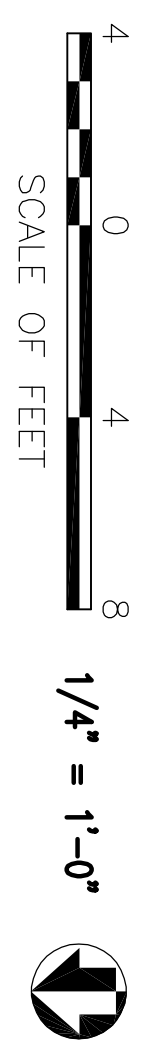


1 | SELECTIVE DEMOLITION SECOND FLOOR PLAN

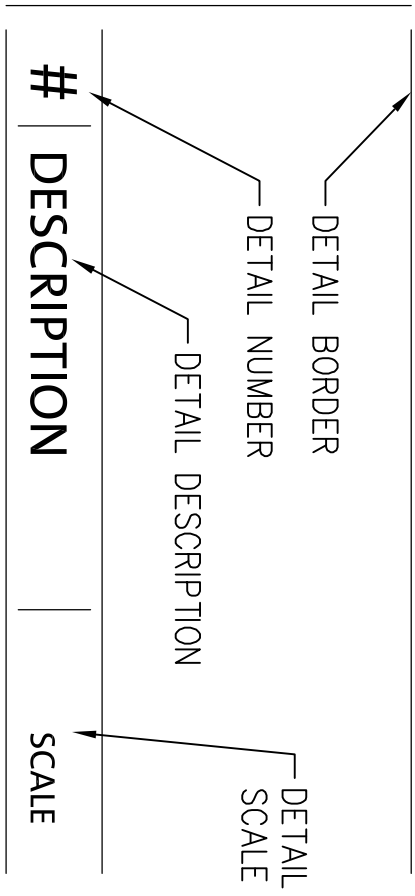
DESIGNED: RHB		SUB SHEET NO.		TITLE OF SHEET		DRAWING NO.	
RHB		AD003		SELECTIVE DEMOLITION SECOND FLOOR PLAN		PMS/PKG NO. 1.3531	
TECH. REVIEW:				INDEPENDENCE NATIONAL HISTORICAL PARK		SHEET 12 of 37	
DATE: 10.06.06							



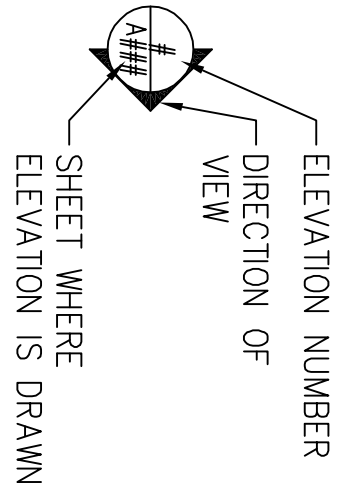
1 SELECTIVE DEMOLITION THIRD FLOOR PLAN



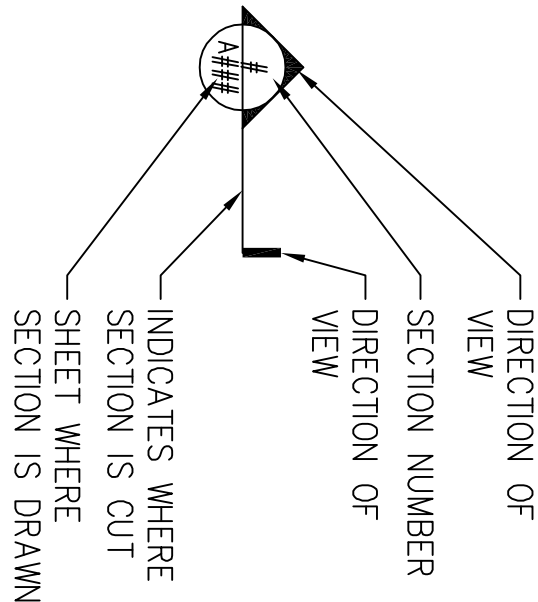
DESIGNED: RHB 6/2/00 RHB	SUB SHEET NO.	TITLE OF SHEET SELECTIVE DEMOLITION THIRD FLOOR PLAN INDEPENDENCE NATIONAL HISTORICAL PARK	DRAWING NO. _____
TECH. REVIEW:			PMS/PKG NO. 13531
DATE: 10.06.06	SHEET 13 OF 37		
AD004			



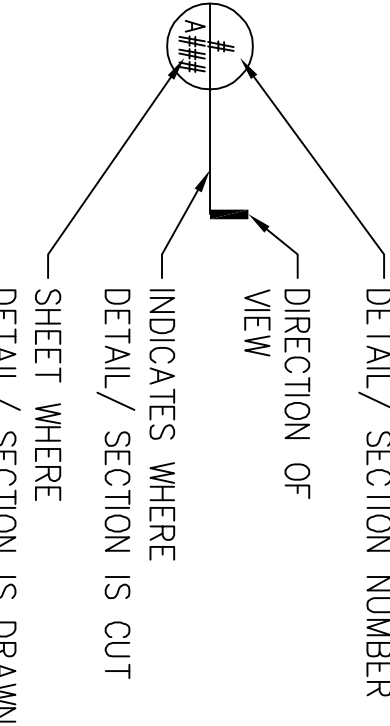
DETAIL TITLE ON DETAIL DRAWING



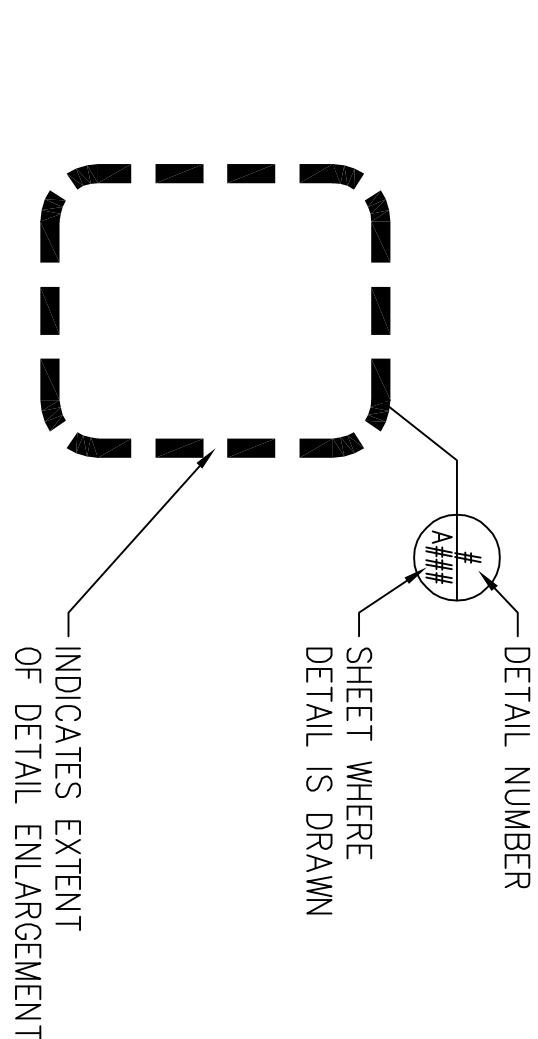
ELEVATION INDICATORS



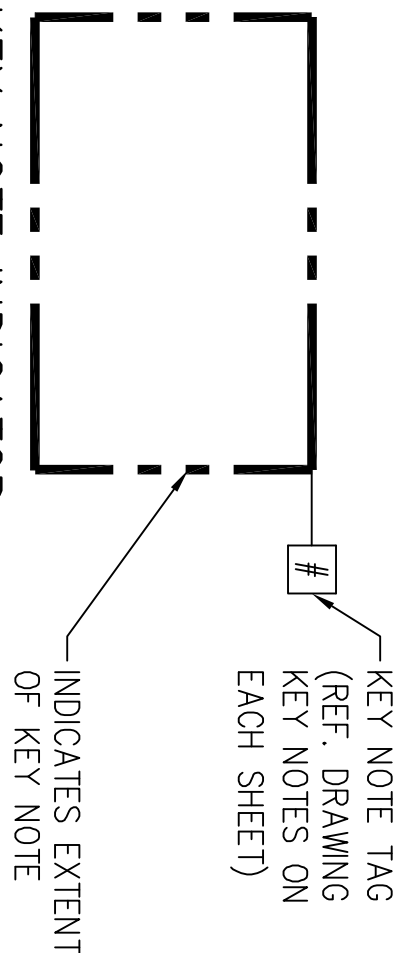
SECTION INDICATOR



DETAIL / SECTION INDICATORS



DETAIL INDICATOR

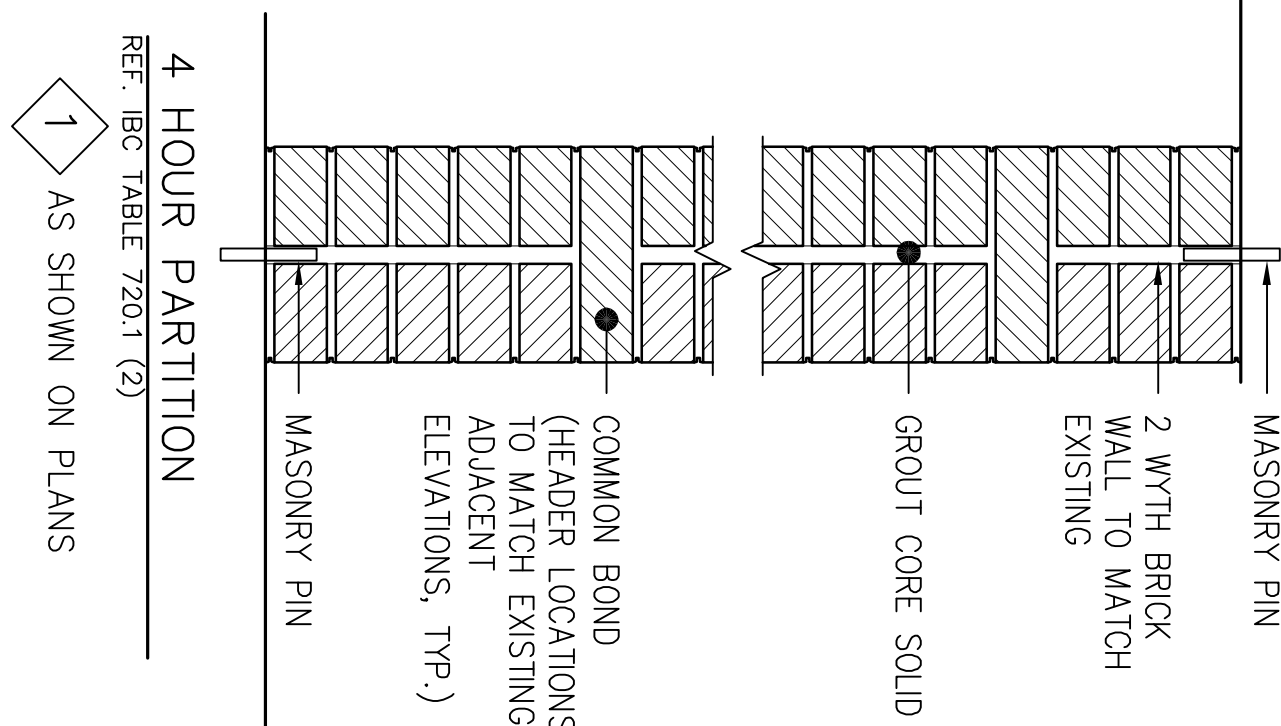


KEY NOTE INDICATOR

	EARTH		FINISH WOOD
	COMPACTED BACKFILL		PLYWOOD
	GRANULAR FILL		BATT INSULATION
	BRICK		RIGID INSULATION/ ROOF INSULATION
	CONCRETE		STEEL
	CONCRETE MASONRY UNITS		STONE (CUT OR CAST)
	GYP SUM WALLBOARD OR GROUT		GLASS IN ELEVATION
	ROUGH WOOD BLOCKING (CONTINUOUS)		ALUMINUM
	ROUGH WOOD BLOCKING (INTERRUPTED)		PARTICLE BOARD/ FIBER BOARD

4 HATCH KEY

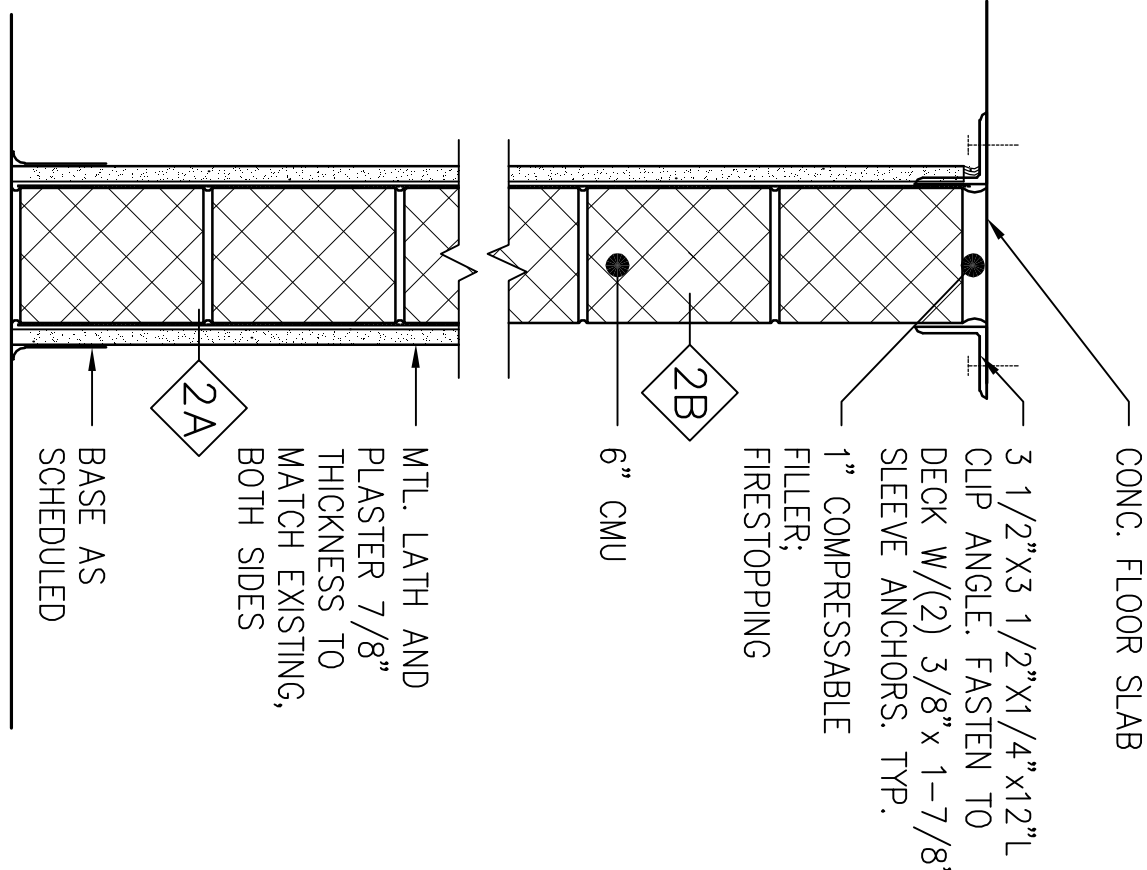
NO SCALE



4 HOUR PARTITION

REF. IBC TABLE 720.1 (2)

1 AS SHOWN ON PLANS

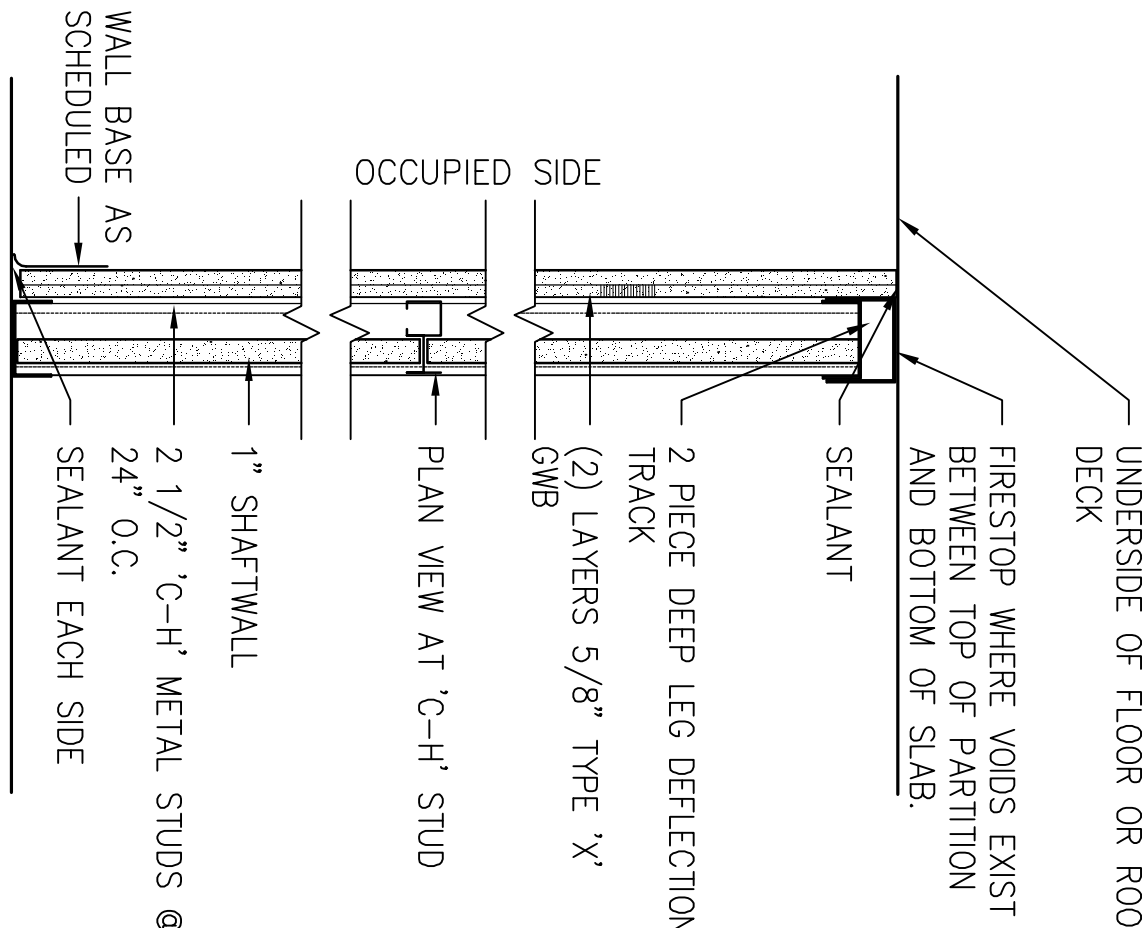


2 HOUR PARTITION

UL DESIGN U906 "OR APPROVED" EQUAL"

2A AS SHOWN ON PLANS

2B SAME AS 2A BUT WITH MTL. LATH AND PLASTER ONE SIDE

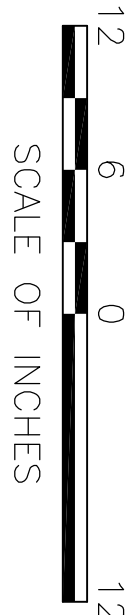


RATED CAVITY SHAFT WALL ASSEMBLY

2HR 3 AS SHOWN ON PLANS

UL DESIGN U438 "OR APPROVED" EQUAL"

2HR HOR. SHAFT WALL PER WHI (Wormok Hersey, Inc. Testing Lab) Design GP/WA 120-01



1-1/2" = 1'-0"

1 PARTITION TYPES

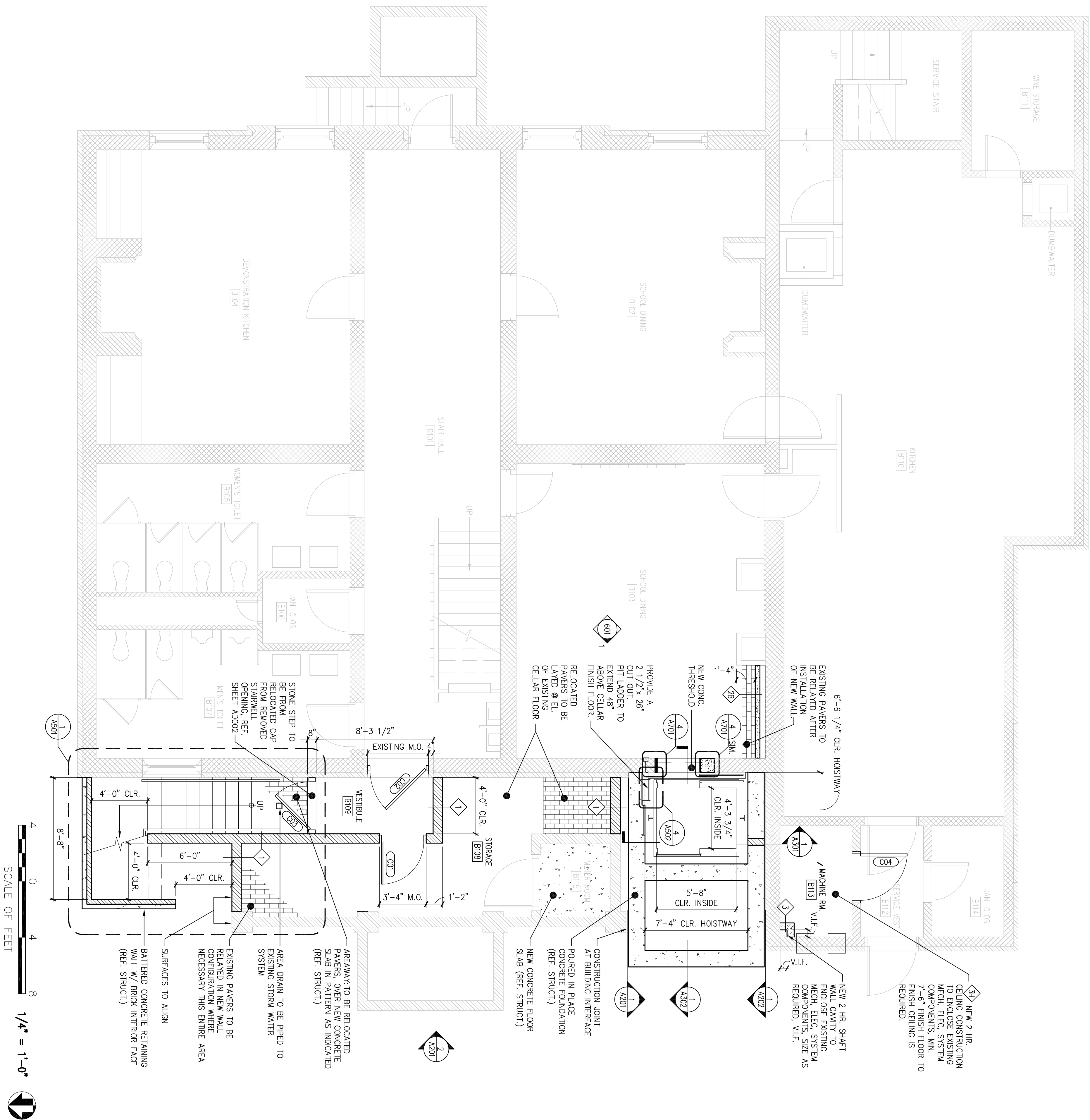
1-1/2"=1'-0"

DESIGNED:	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
 RHB		PARTITION TYPES & DRAWING KEYS	_____
TECH. REVIEW:		INDEPENDENCE NATIONAL HISTORICAL PARK	PMS/PKG NO. 13531
DATE: 10.06.06			SHEET 3 of 37

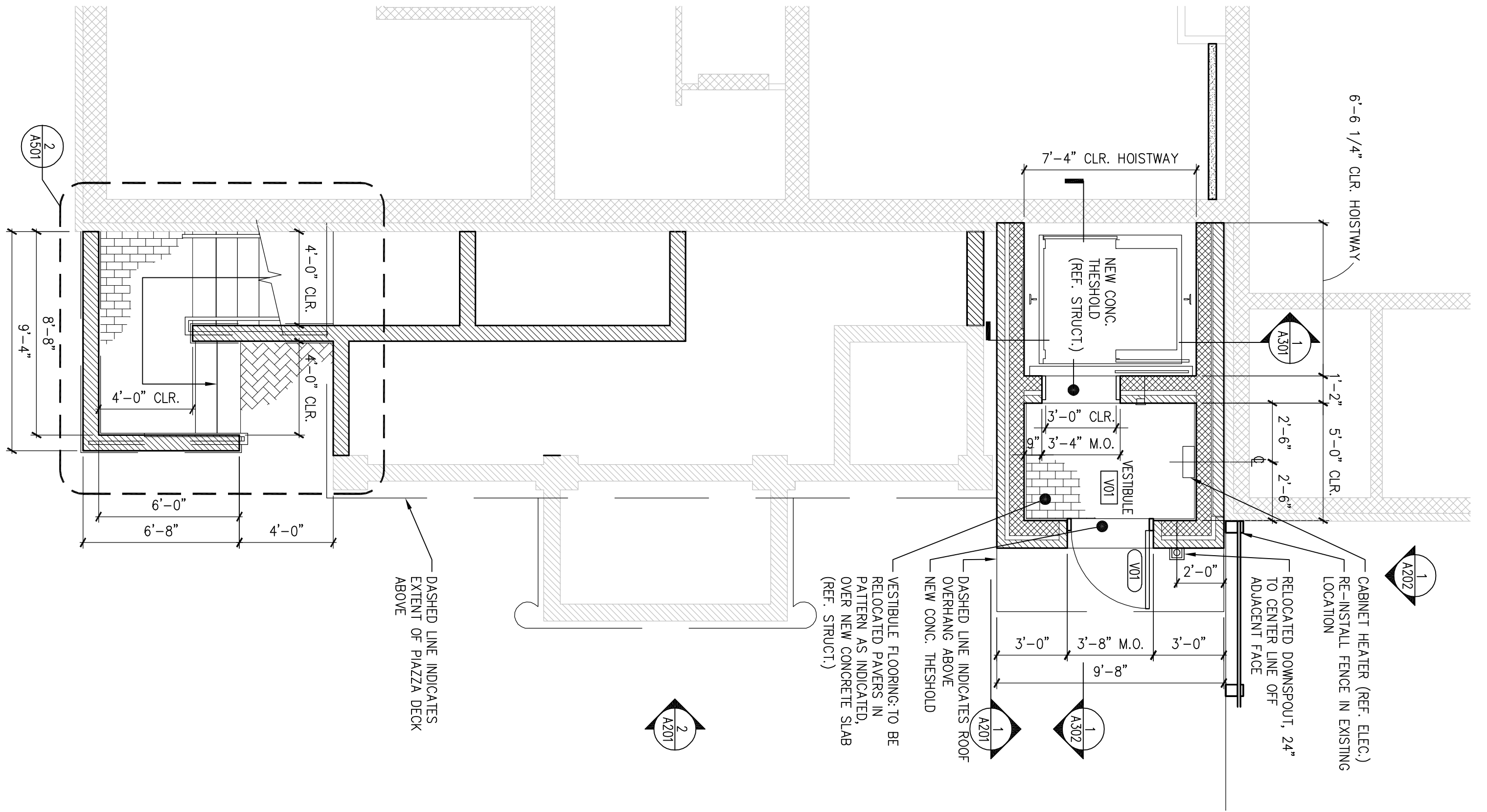
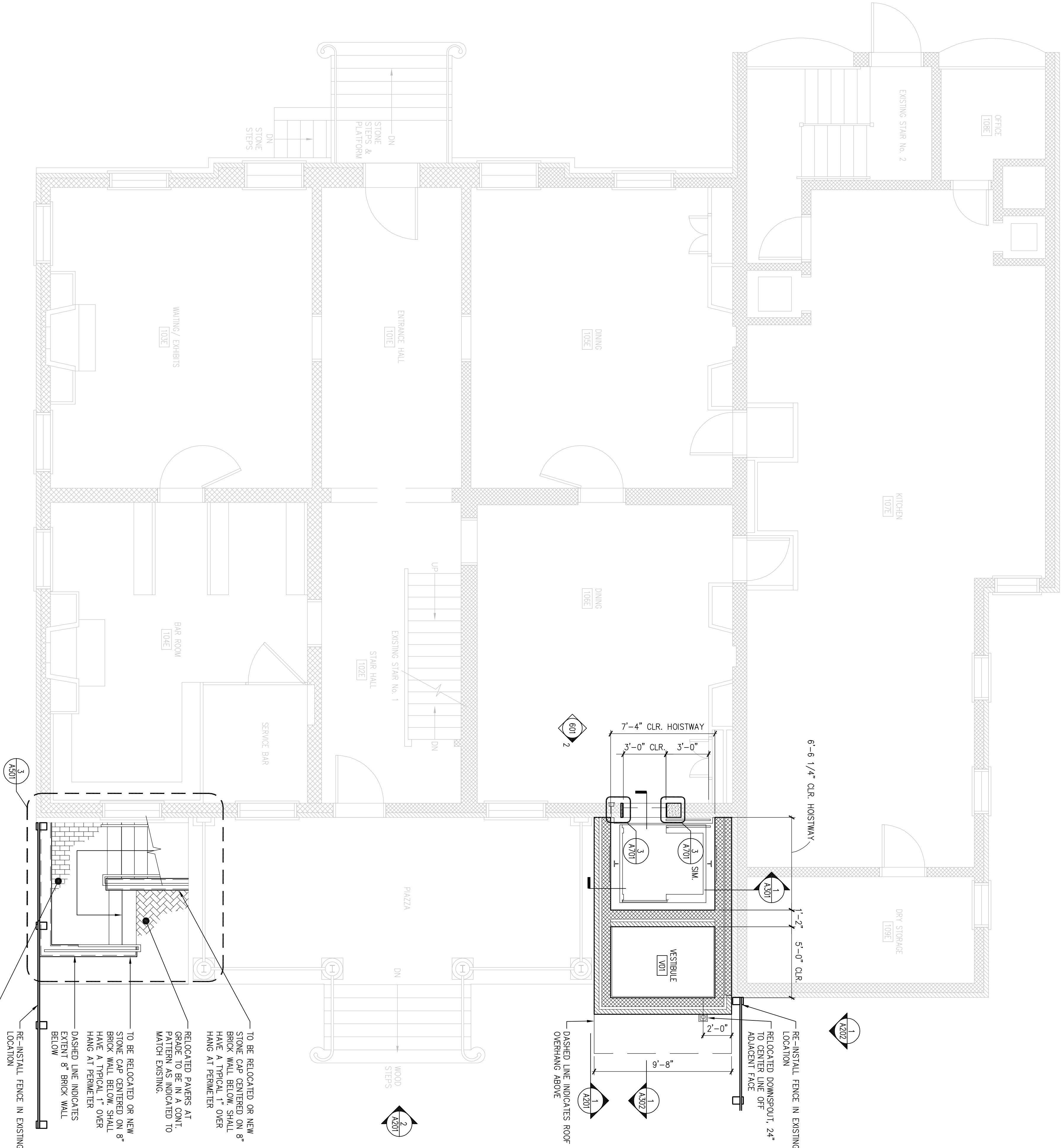
2 DRAWING TAG KEY

NO SCALE

1 CELLAR FLOOR PLAN



DESIGNED:	<div> <div> SUB SHEET NO. </div> <div> A101 </div> </div>	<div> <div>TITLE OF SHEET</div> <div> CELLAR FLOOR PLAN </div> </div>	<div> <div>DRAWING NO.</div> <div> _____ </div> </div>
RHB			
<div> <div> <small>DATE:</small> 10.06.06 </div> </div>			
<div> <div> <small>TECH. REVIEW:</small> </div> </div>			
<div> <div> <small>DATE:</small> 10.06.06 </div> </div>	<div> <div> <small>DATE:</small> 10.06.06 </div> </div>	<div> <div> <small>DATE:</small> 10.06.06 </div> </div>	<div> <div> <small>DATE:</small> 10.06.06 </div> </div>



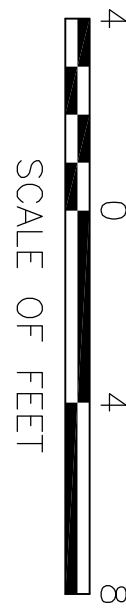
1 VESTIBULE LEVEL PLAN

SUB SHEET NO.

TITLE OF SHEET

DRAWING NO.

1/4"=1'-0"



DESIGNED: RHB

DATE: 10.06.06

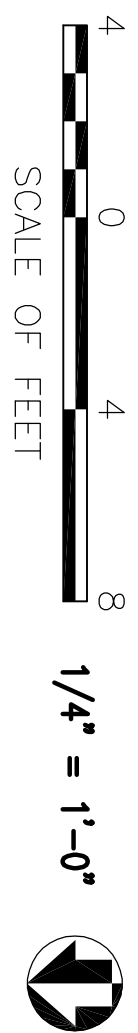
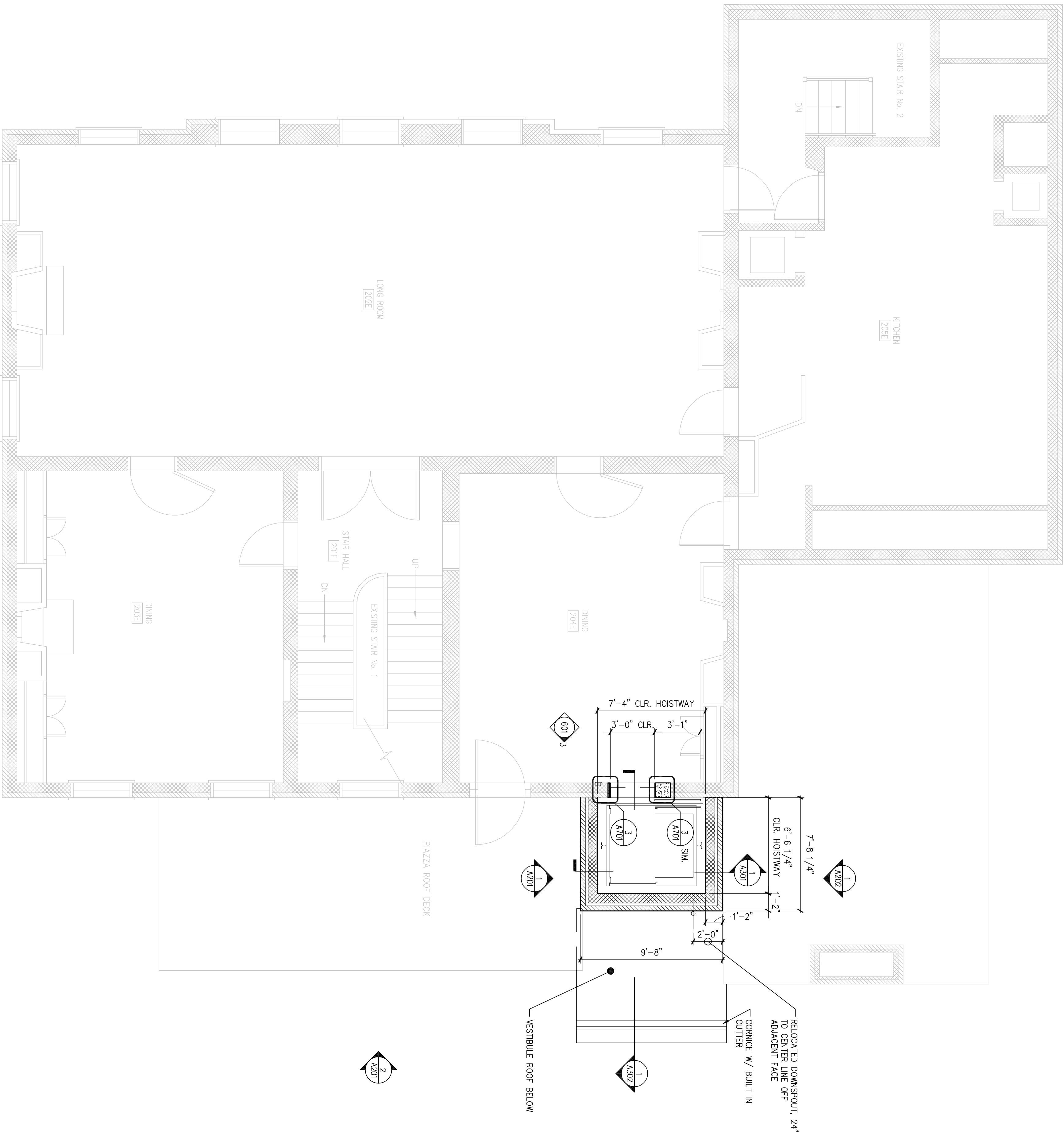
TECH. REVIEW: RHB

PM/STG NO. 1.3531

SHEET 15 OF 37

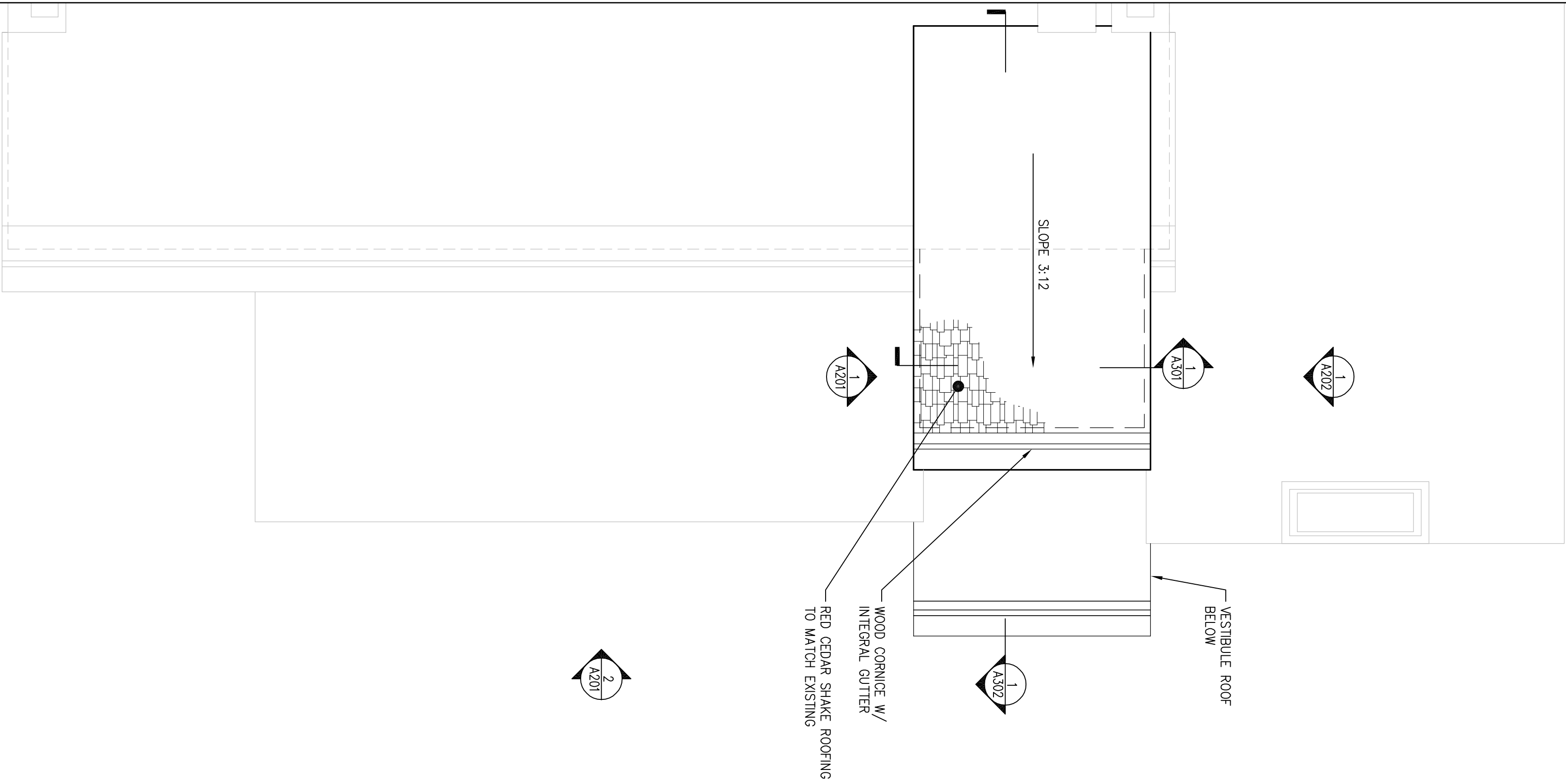
INDEPENDENCE NATIONAL HISTORICAL PARK

10.06.06 QC SET (NOT FOR CONSTRUCTION)



1 SECOND FLOOR PLAN

DESIGNED:		SUB SHEET NO.		DRAWING NO.	
RHB		<div></div>		_____	
②A103					
RHB					
TECH. REVIEW:					
DATE:		A103		SECOND FLOOR PLAN	
10.06.06				INDEPENDENCE NATIONAL HISTORICAL PARK	
				PMS/PKG NO. 1.3531	
				SHEET	
				16. of 37	



1 THIRD FLOOR PLAN

1/4"=1'-0"

2 ROOF PLAN

1/4"=1'-0"

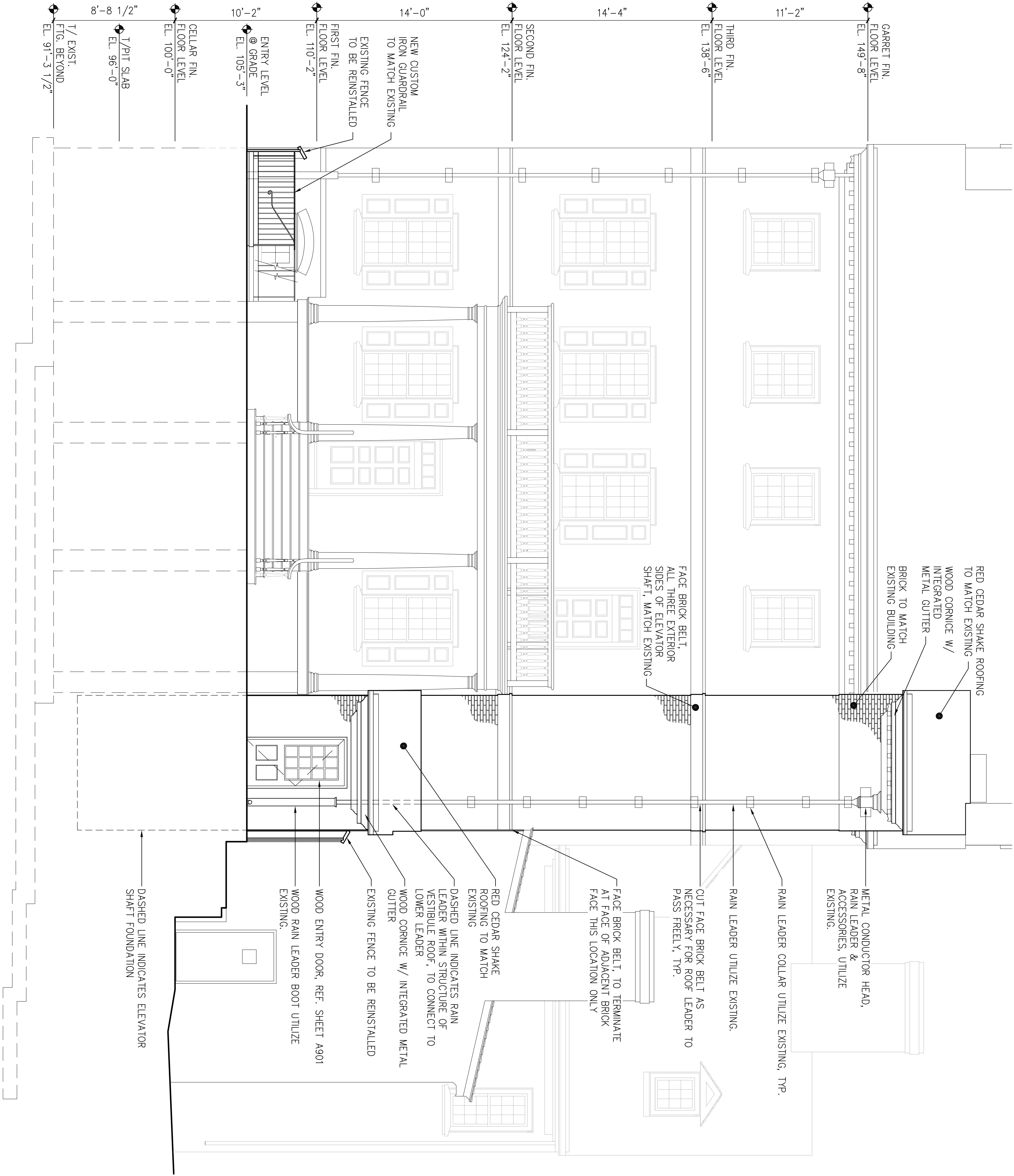


DESIGNED: RHB	SUB SHEET NO.	TITLE OF SHEET THIRD FLOOR & ROOF PLAN	DRAWING NO.
TECH. REVIEW: RHB			
DATE: 10.06.06			

A104

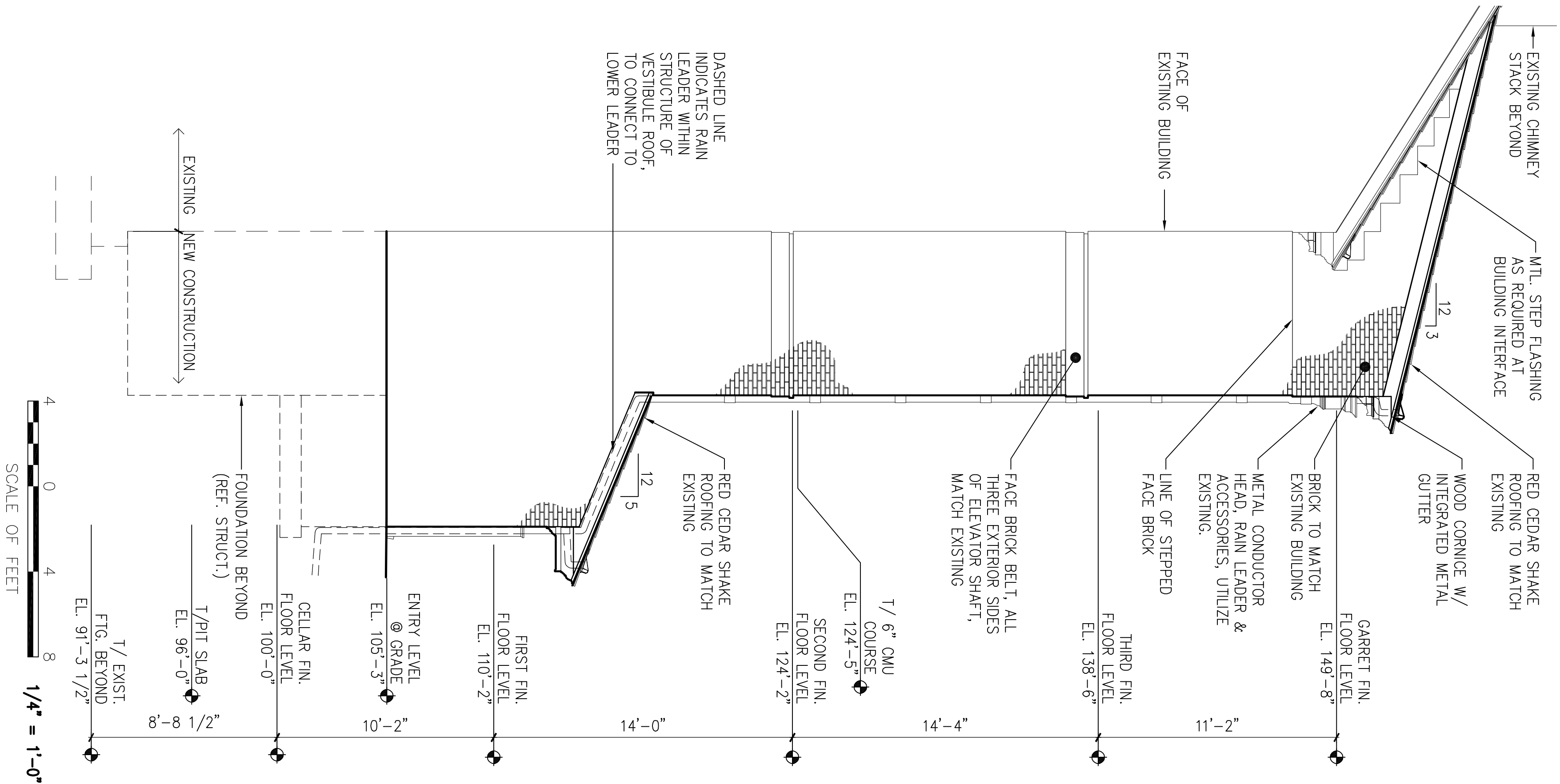
INDEPENDENCE
NATIONAL HISTORICAL PARK

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2 WEST ELEVATION

1 NORTH ELEVATION



1/4"=1'-0"

DESIGNED:

RHB

SUB SHEET NO.

RHB

TECH. REVIEW:

DATE:

10.06.06

DRAWING NO.

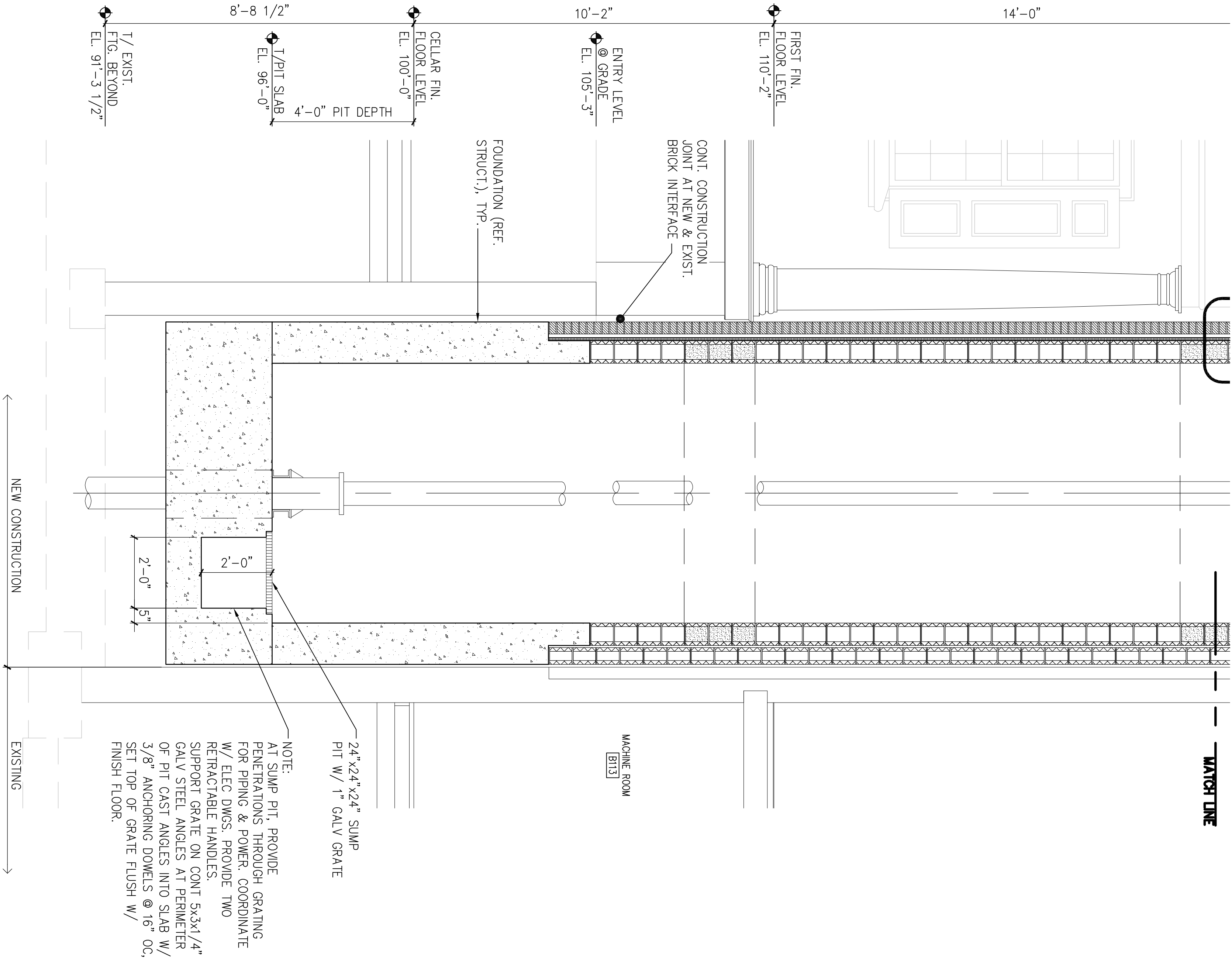
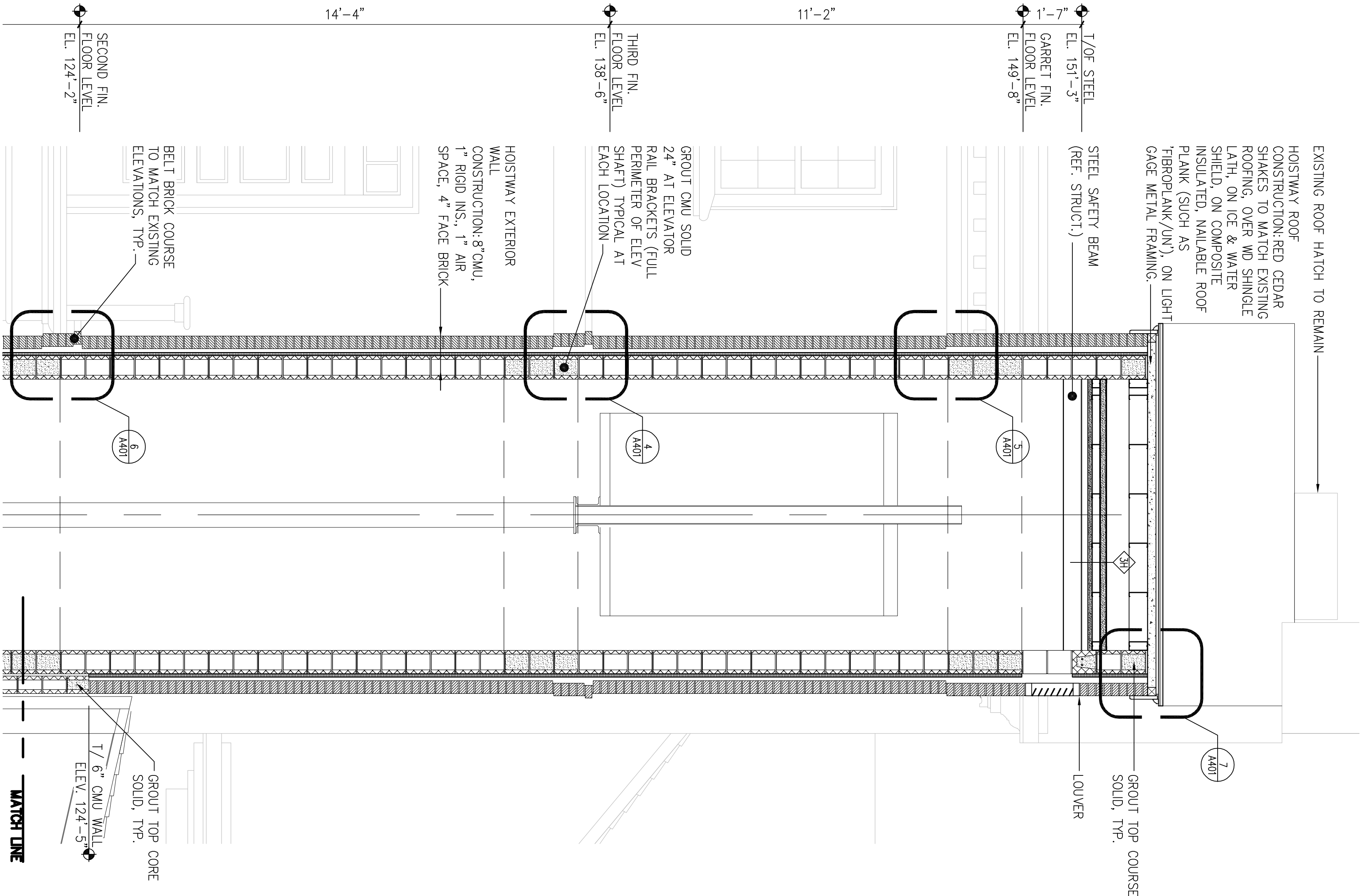
EXTERIOR ELEVATIONS

INDEPENDENCE
NATIONAL HISTORICAL PARK

PMS/PKG NO.
1.3531

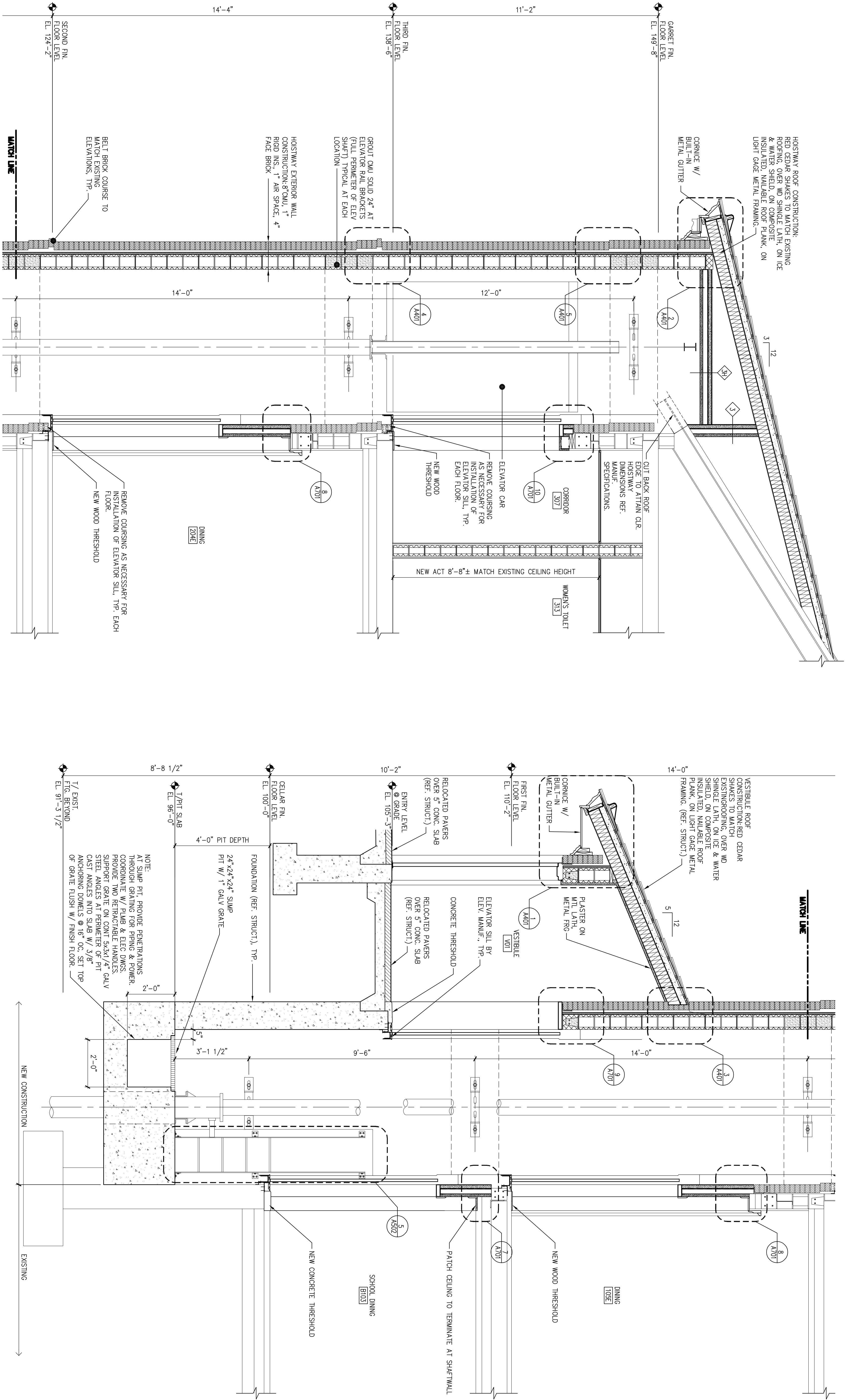
SHEET

18 of 37

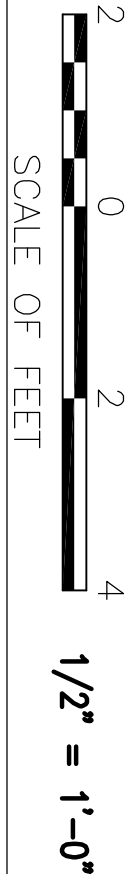


1 ELEVATOR SHAFT SECTION NORTH/SOUTH

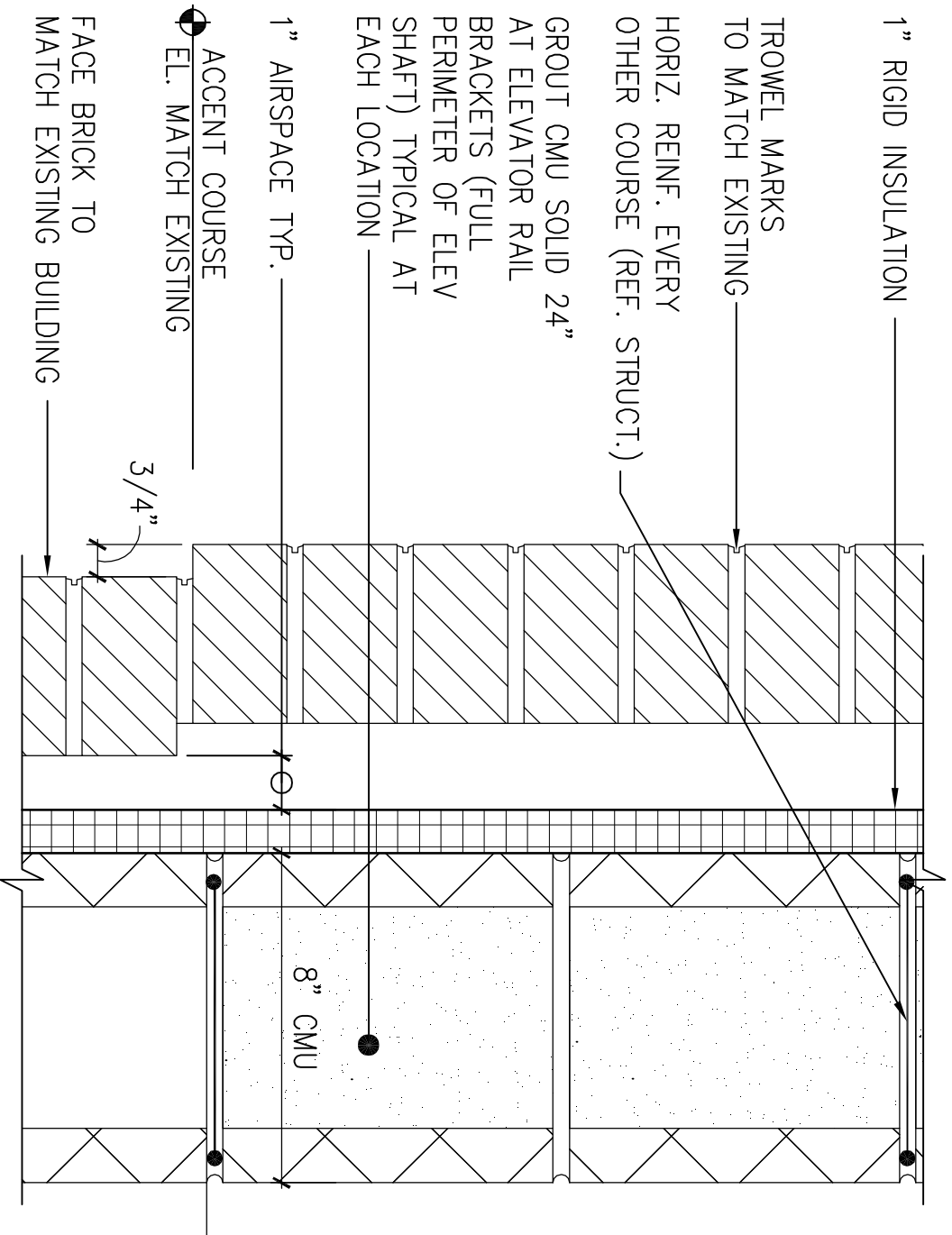
DESIGNED: RHB	SUB SHEET NO.	TITLE OF SHEET ELEVATOR SHAFT SECTION NORTH/SOUTH	DRAWING NO.
TECH. REVIEW: RHB			
DATE: 10.06.06		INDEPENDENCE NATIONAL HISTORICAL PARK	PMS/PKG NO. 1.3531
			SHEET 20 OF 37



1 ELEVATOR SHAFT SECTION WEST/EAST

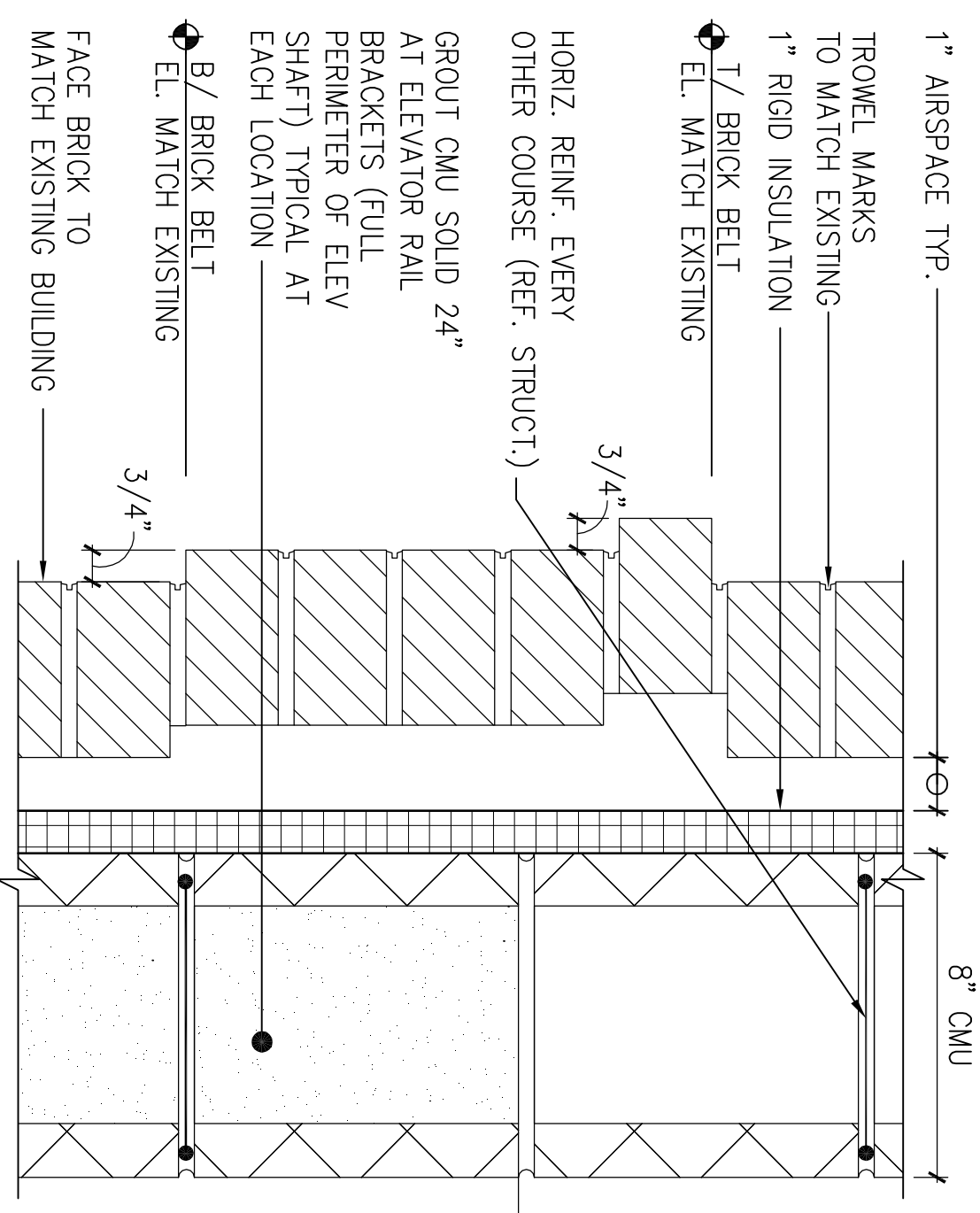


DESIGNED:		SUB SHEET NO.	TITLE OF SHEET ELEVATOR SHAFT SECTION WEST/EAST	DRAWING NO. —————
RHB				
RHB				
TECH. REVIEW:				
DATE:		A302	INDEPENDENCE NATIONAL HISTORICAL PARK	PMS/PKG NO. 1.3531
10.06.06				
				SHEET 21 of 37



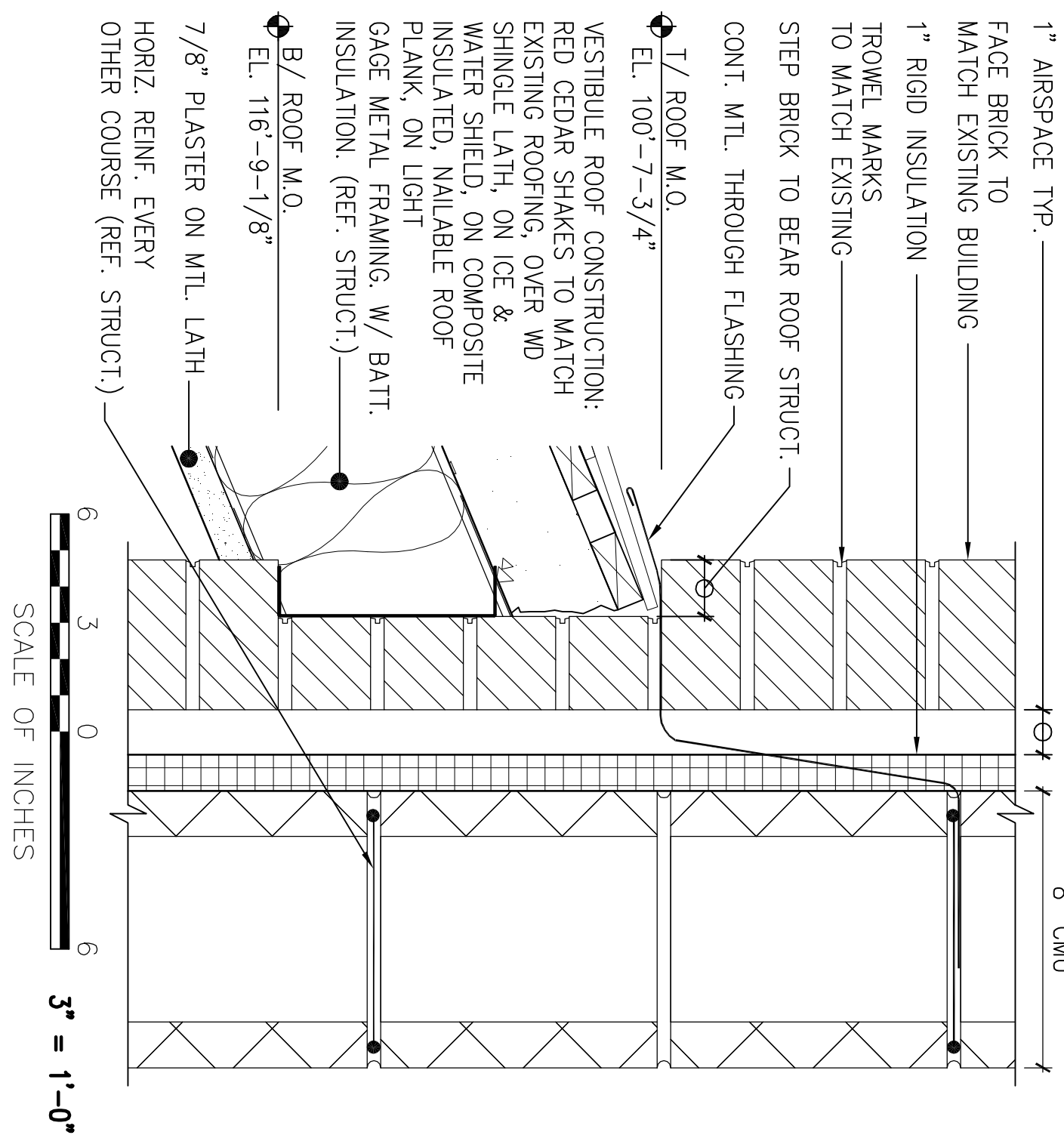
5 TYPICAL ACCENT COURSE

3"=1'-0"



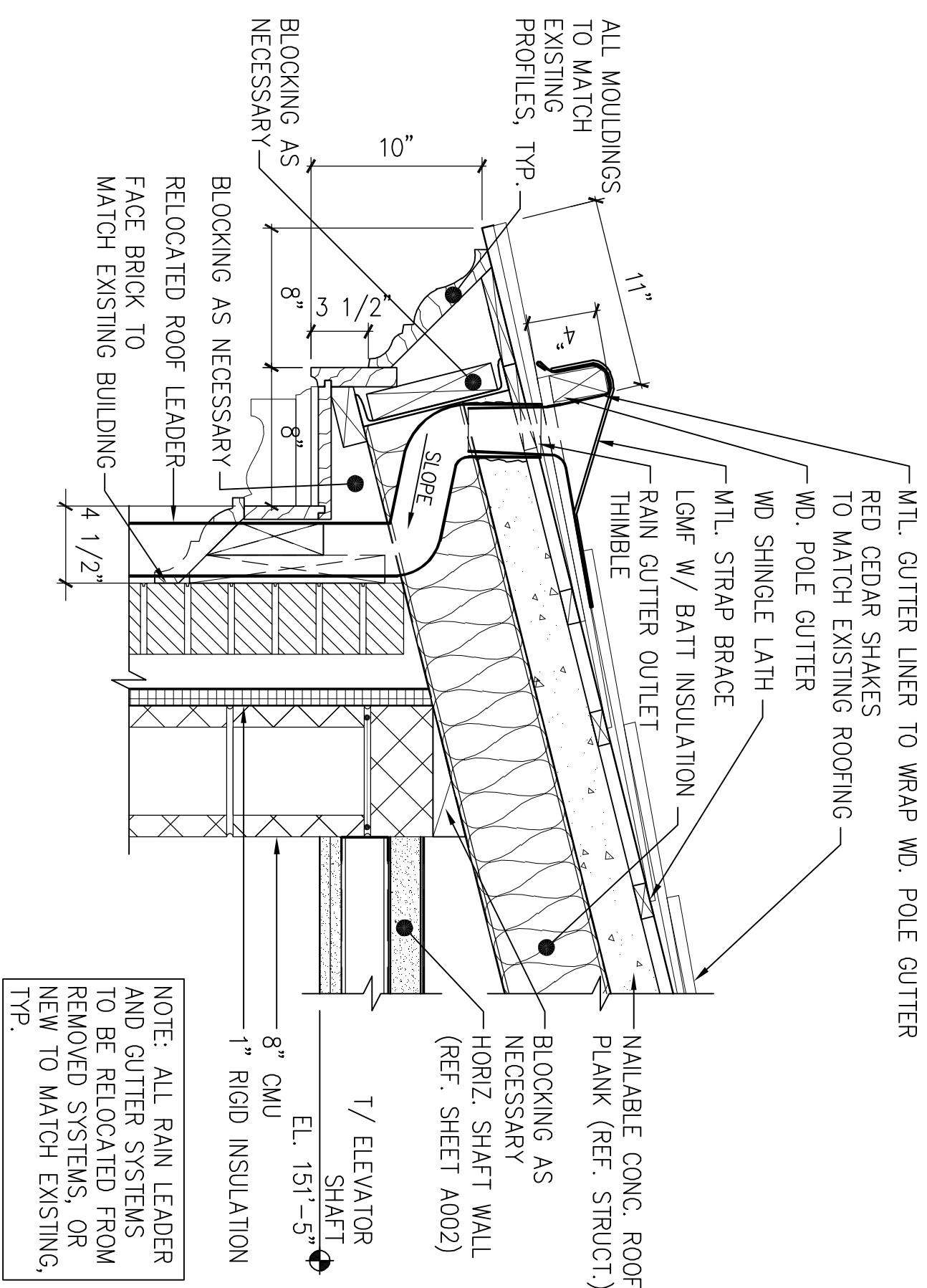
4 TYPICAL BRICK BELT COURSE

3"=1'-0"



3 T/VESTIBULE ROOF

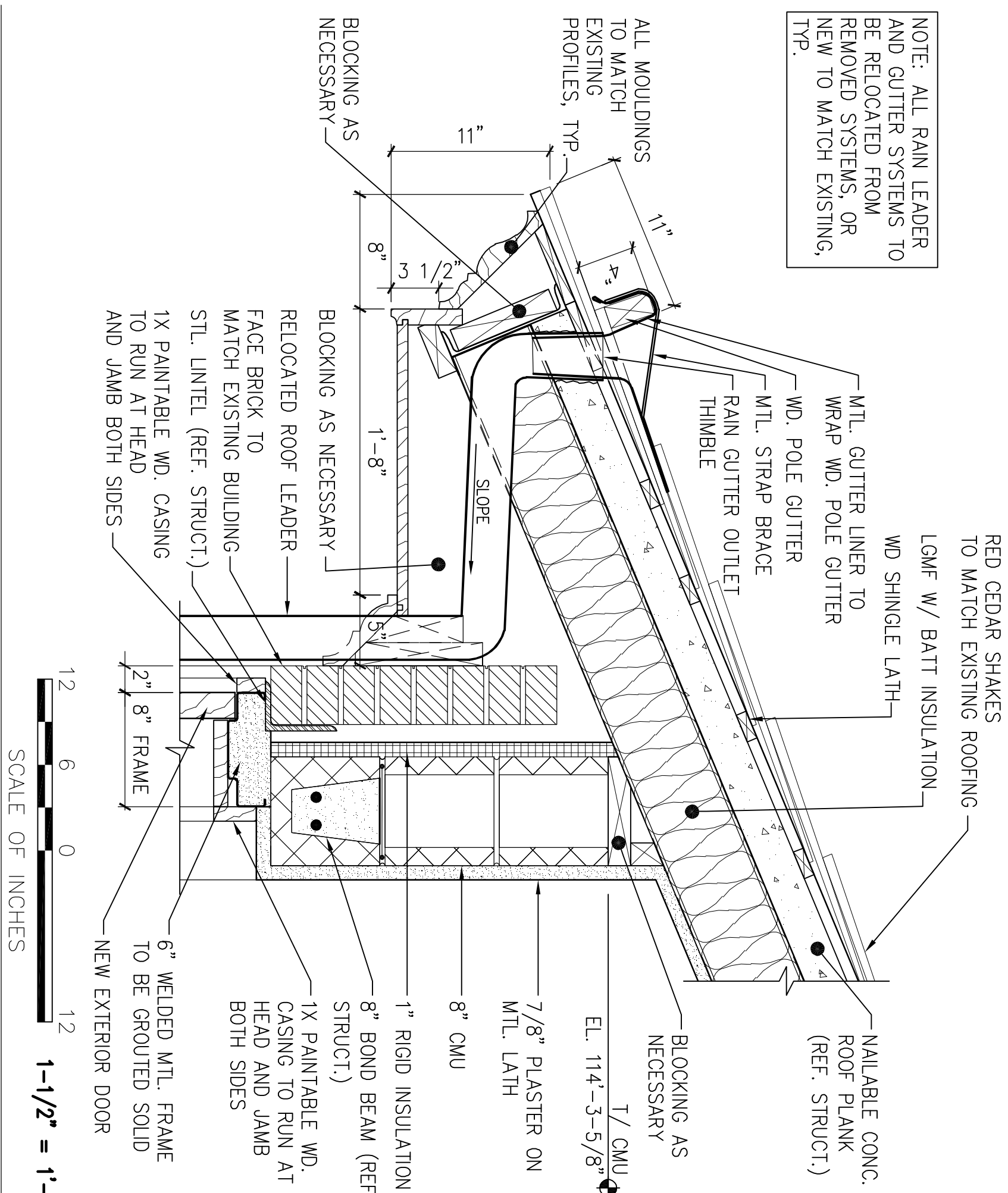
3"=1'-0"



NOTE: ALL RAIN LEADER AND GUTTER SYSTEMS TO BE RELOCATED FROM REMOVED SYSTEMS, OR NEW TO MATCH EXISTING, TYP.

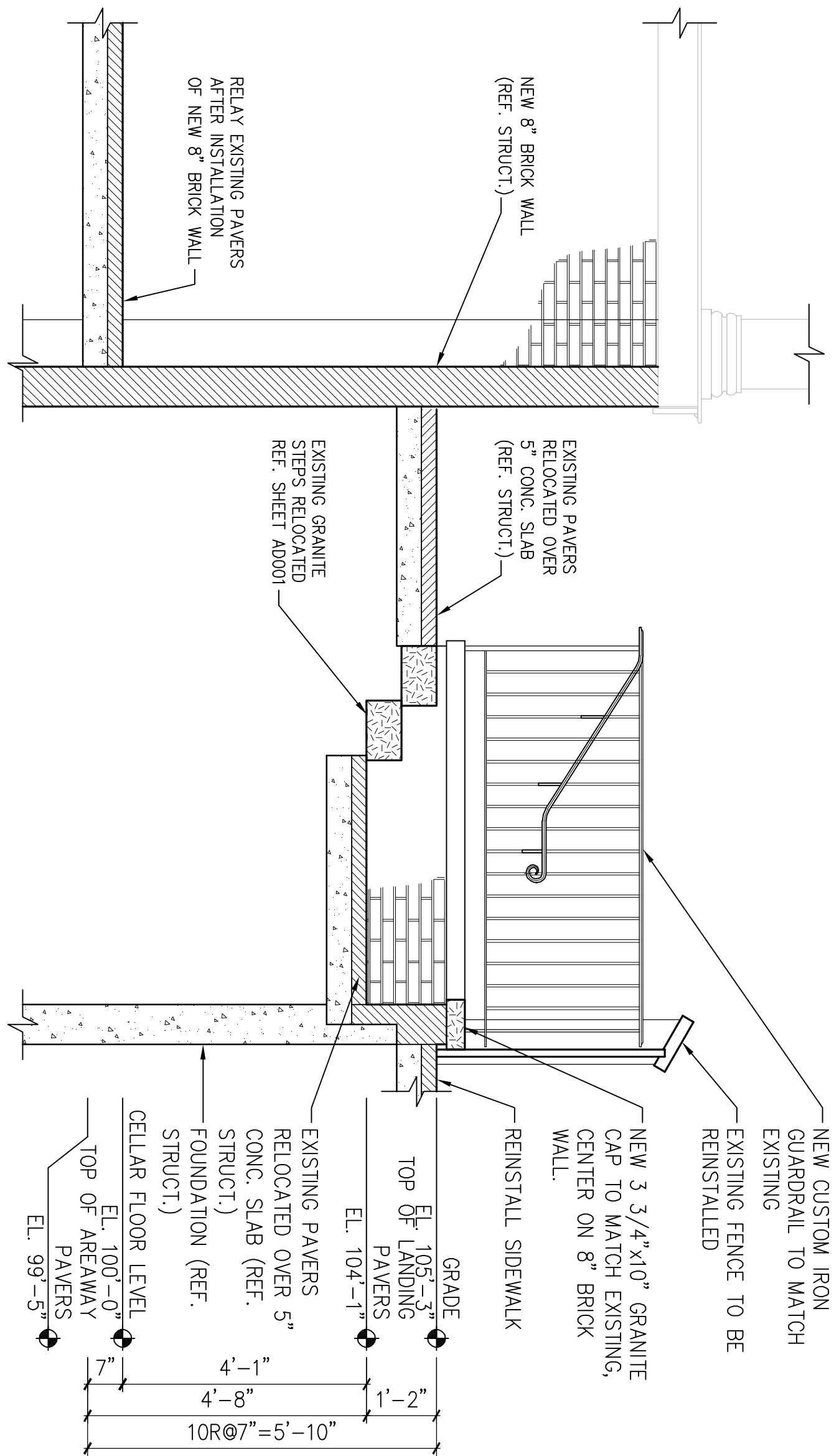
2 TYPICAL ROOF EDGE AT ELEVATOR SHAFT

1-1/2"=1'-0"



1 TYPICAL ROOF EDGE AT ENTRY VESTIBULE

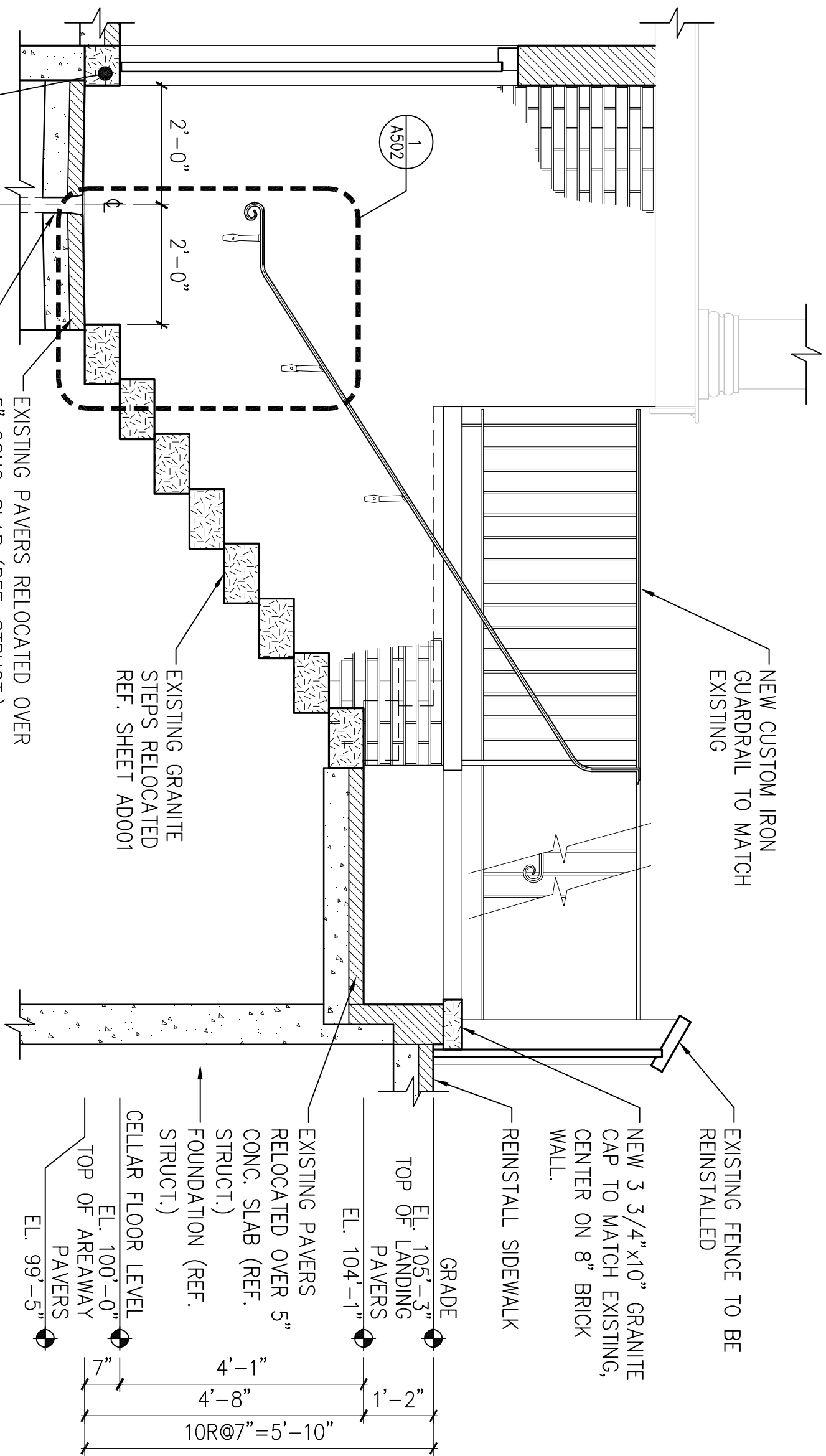
DESIGNED:	SUB SHEET NO.		TITLE OF SHEET EXTERIOR DETAILS	DRAWING NO.
RHB	A401			_____
RHB				
RHB				
TECH. REVIEW:			INDPENDENCE NATIONAL HISTORICAL PARK	PMS/PKG NO. 13531
DATE:	10.06.06			SHEET 22 of 37



NOTE: REF. SHEET A502 FOR TYPICAL STAIR DETAILS

5 STAIR SECTION

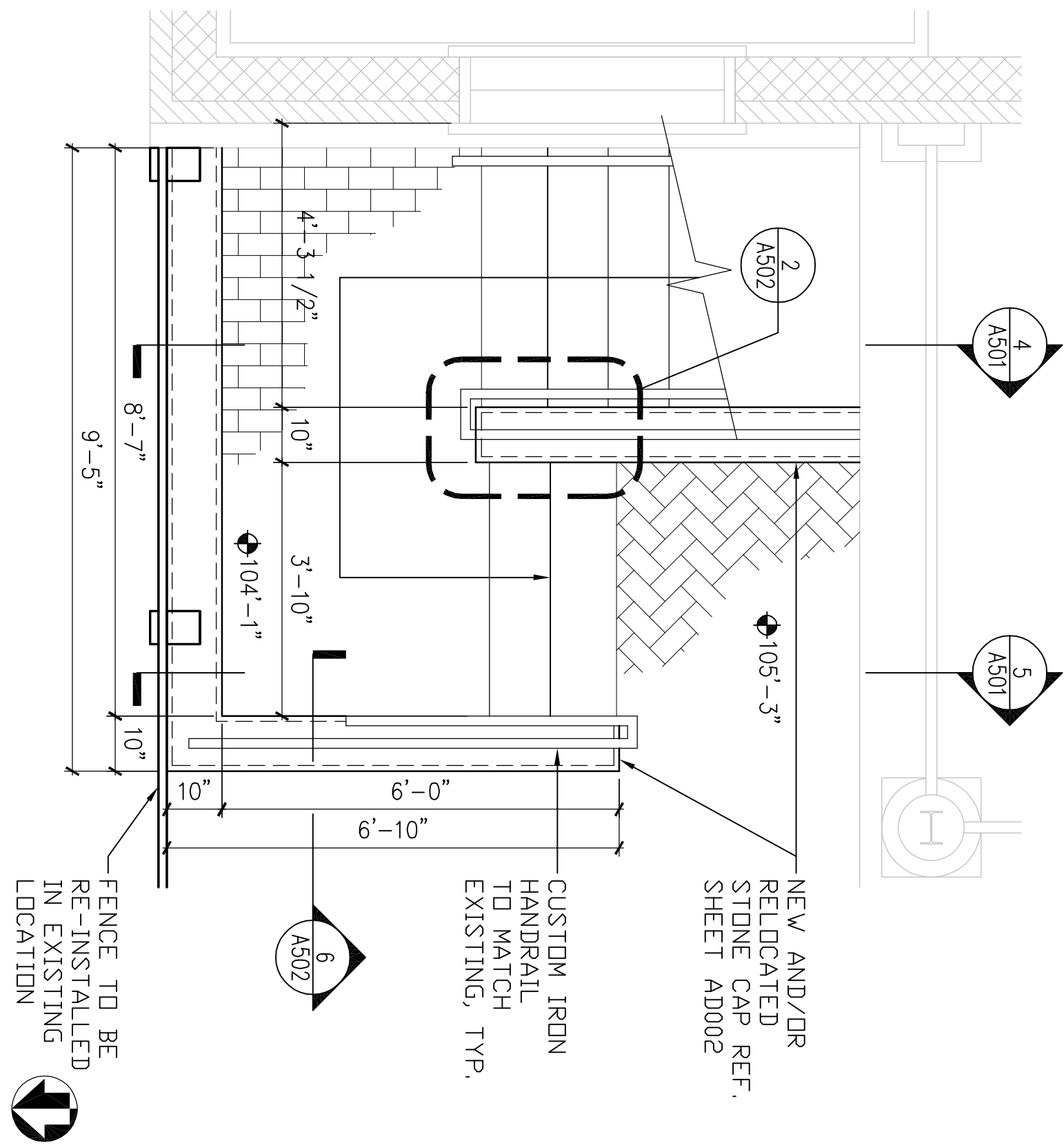
1/2"=1'-0"



NOTE: REF. SHEET A502 FOR TYPICAL STAIR DETAILS

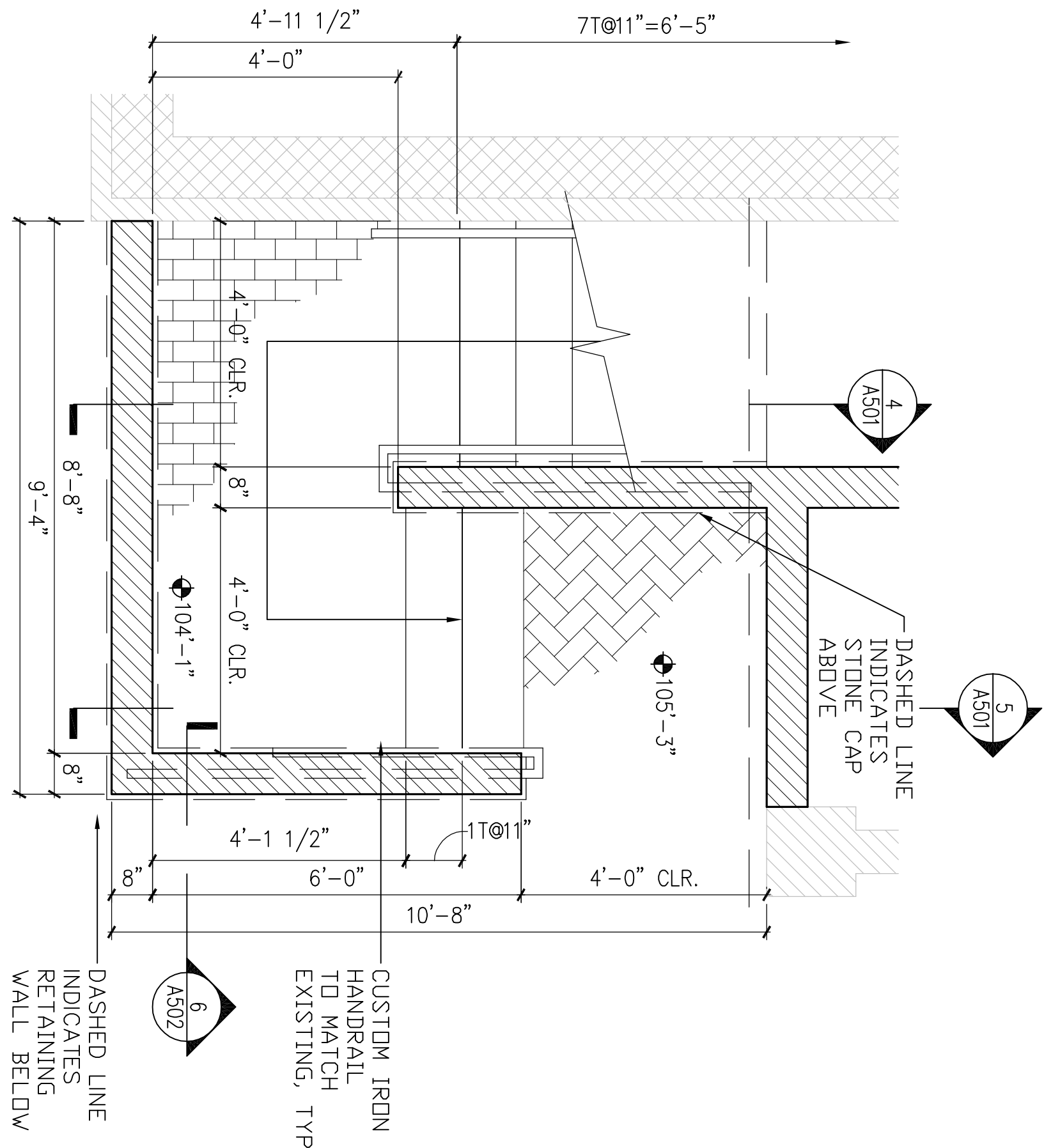
4 STAIR SECTION

1/2"=1'-0"



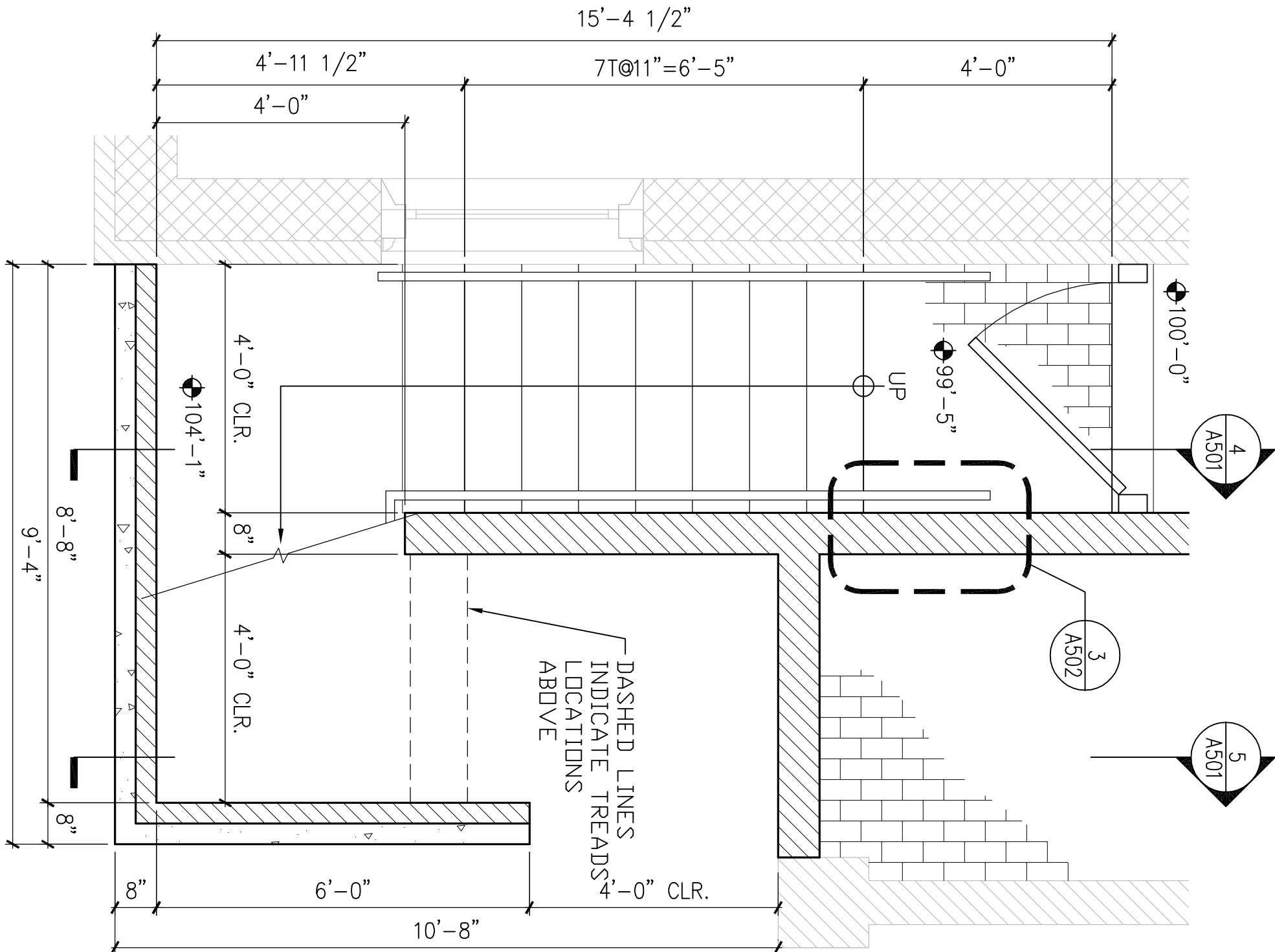
3 FIRST FLOOR STAIR PLAN

1/2"=1'-0"



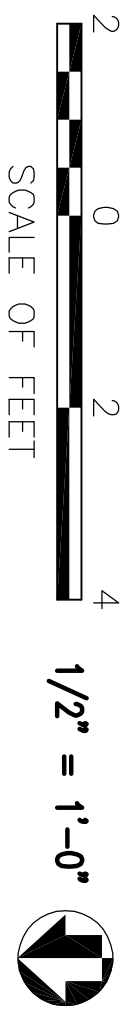
2 VESTIBULE LEVEL STAIR PLAN

1/2"=1'-0"

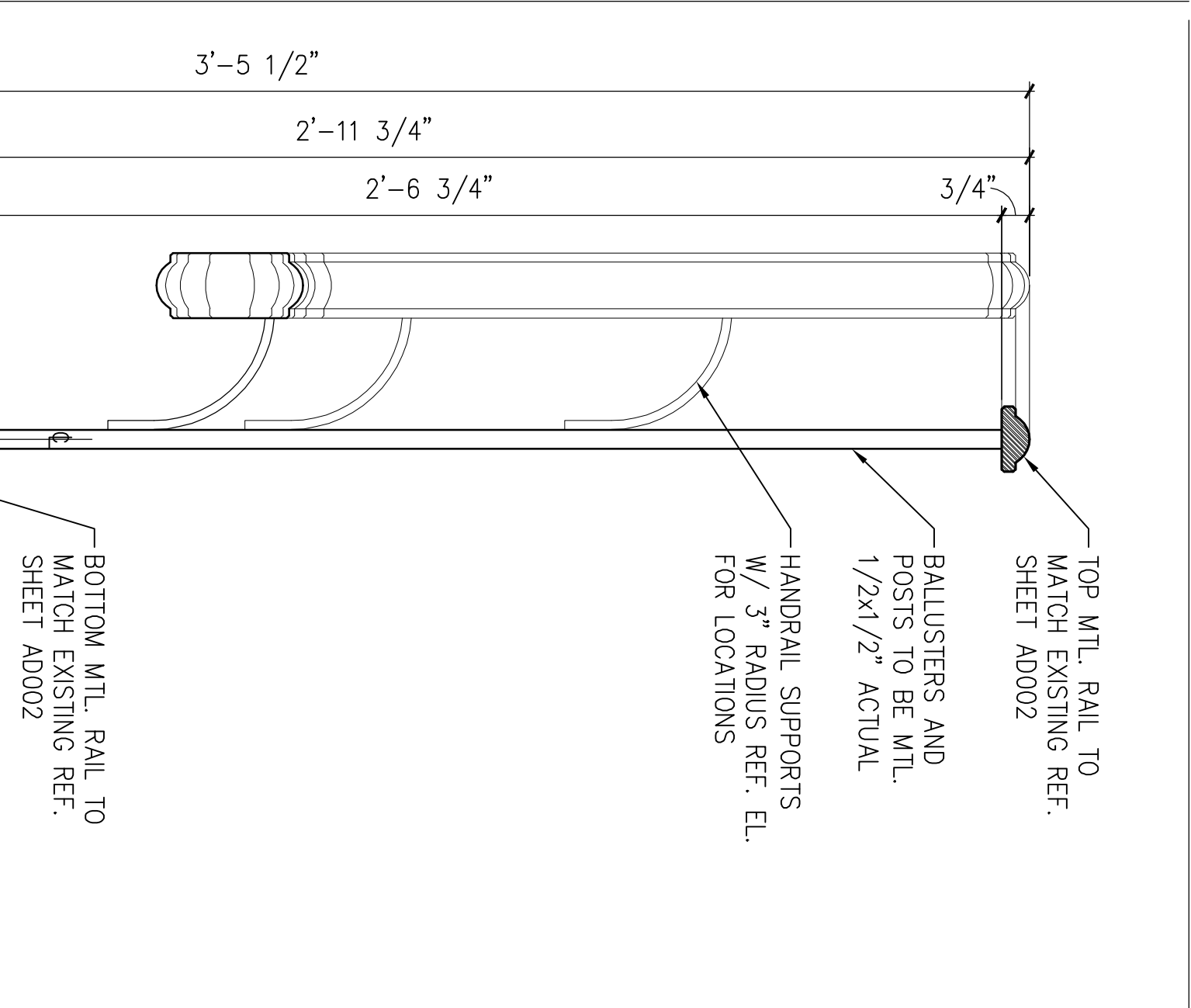


1 CELLAR STAIR PLAN

1/2"=1'-0"

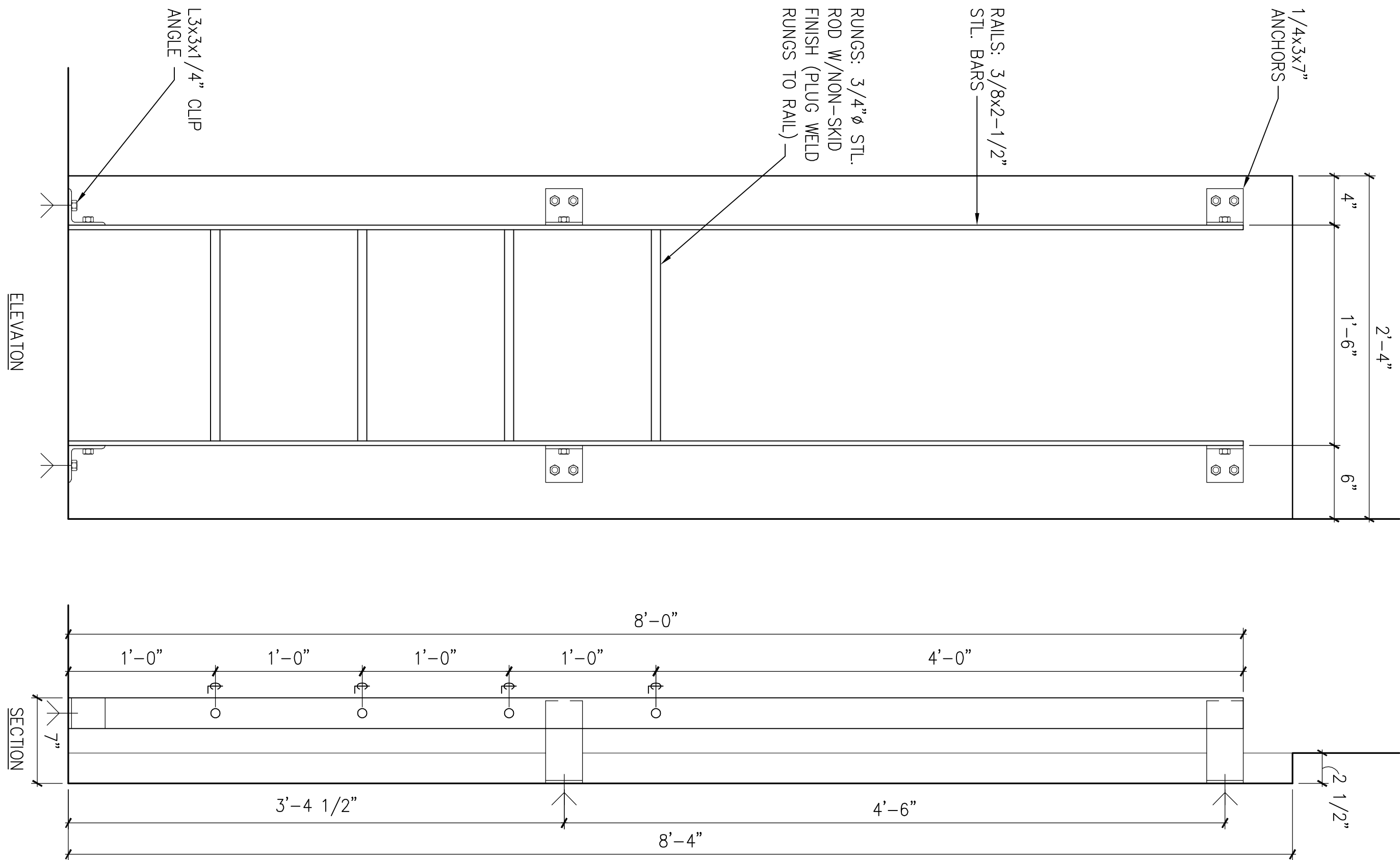


DESIGNED: RHB	SUB SHEET NO.	TITLE OF SHEET ENLARGED STAIR PLANS & SECTIONS	DRAWING NO.
DATE: 10.06.06	10.06.06	INDPENDENCE NATIONAL HISTORICAL PARK	23 OF 37
TECH. REVIEW: RHB	13531		
PMS/PKG NO. 13531			



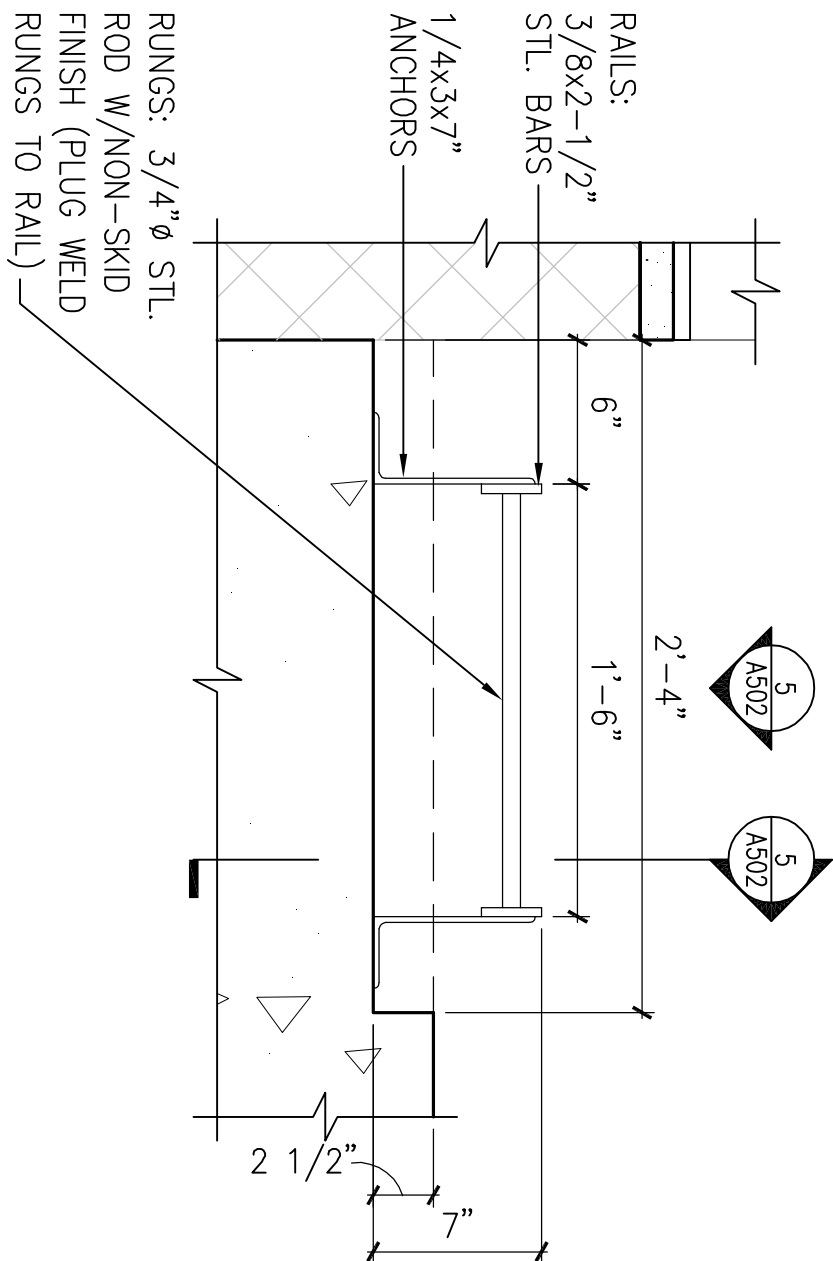
6 HANDRAIL/ GUARDRAIL SECTION

3'-1'-0"



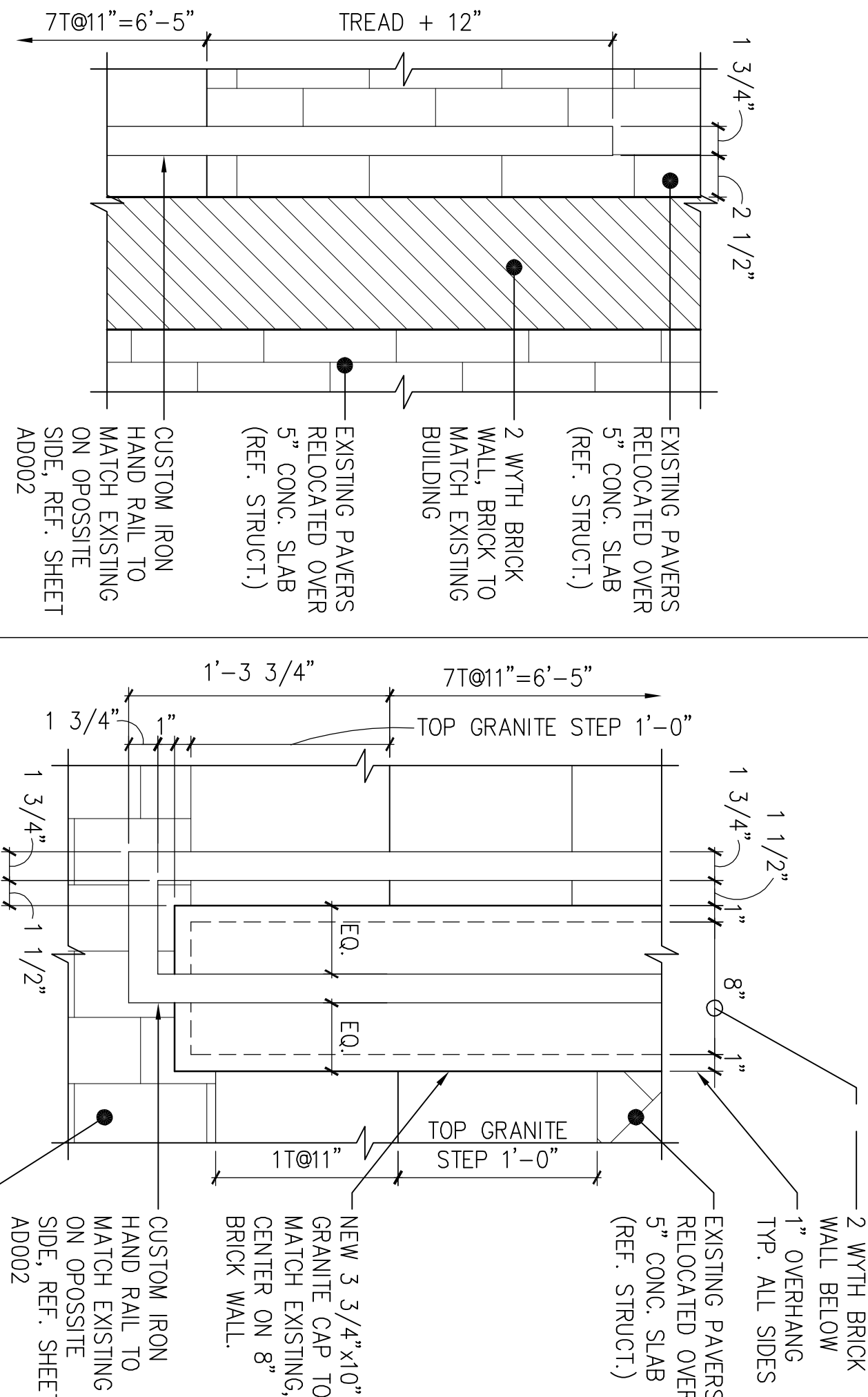
5 ELEVATOR PIT LADDER ELEVATION & SECTION

1-1/2"-1'-0"



4 ELEVATOR PIT LADDER PLAN

1-1/2"-1'-0"

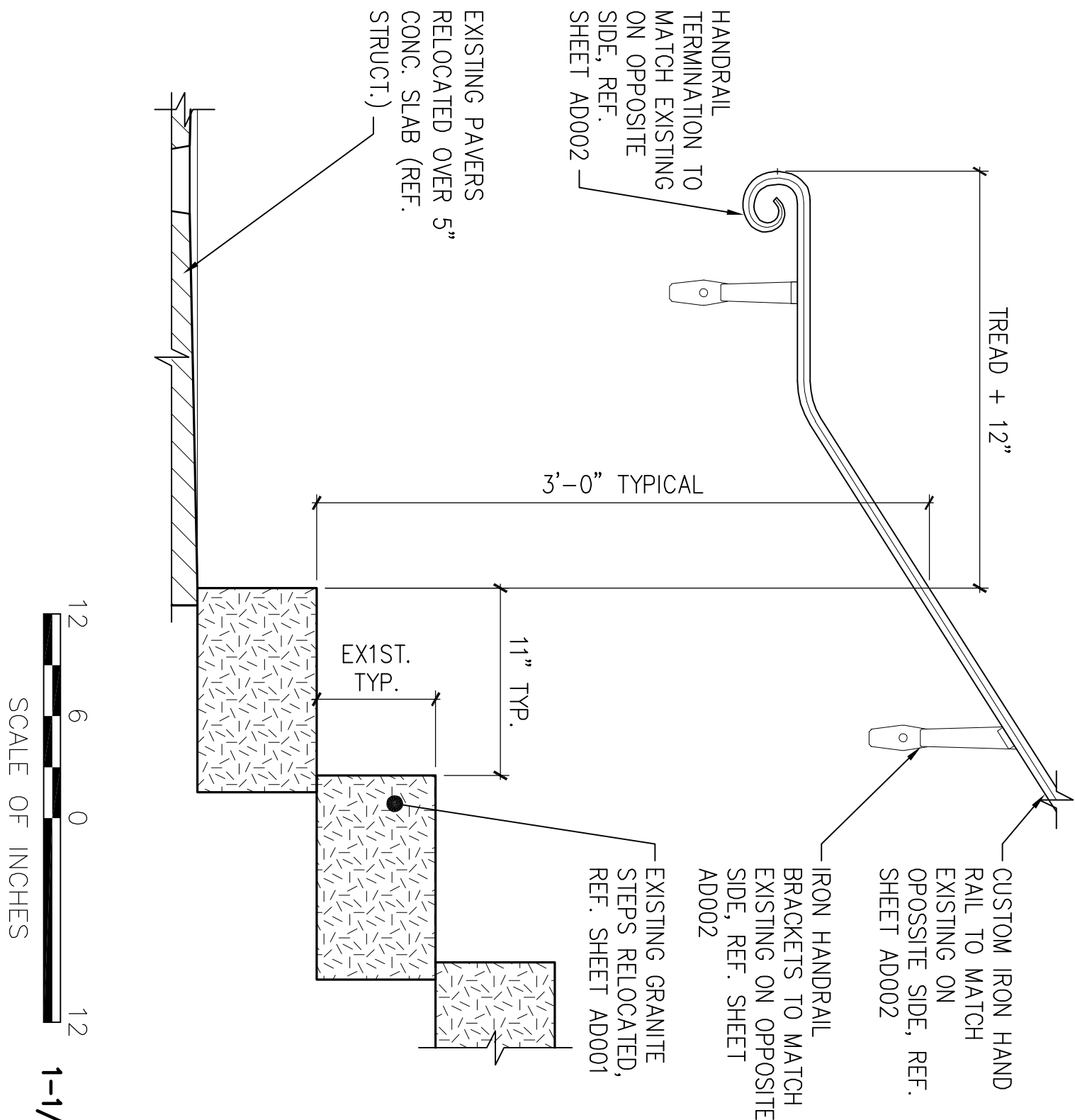


3 TYP. HANDRAIL TERM.

1-1/2"-1'-0"

2 TYP. HANDRAIL RETURN

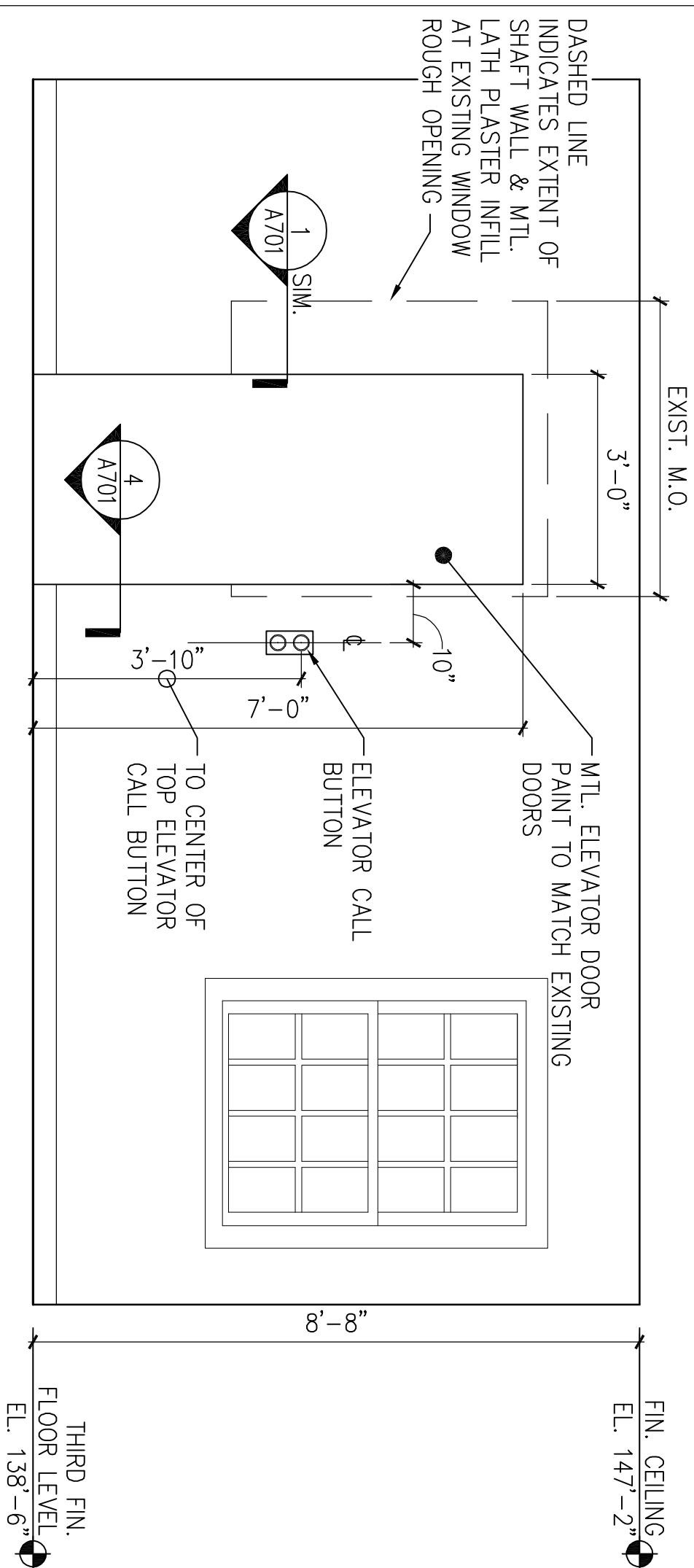
1-1/2"-1'-0"



1 TYPICAL HANDRAIL MOUNTING

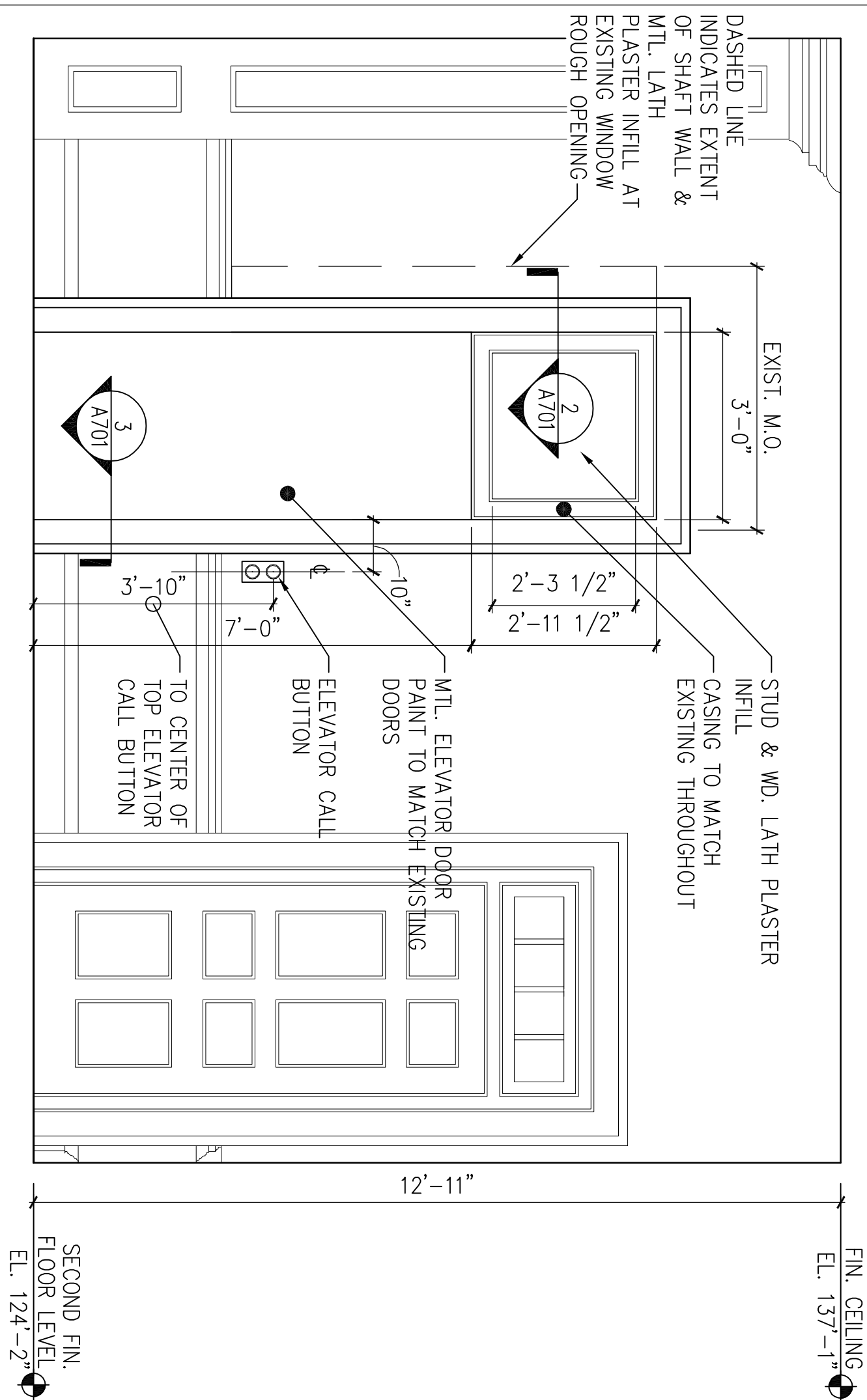
1-1/2"-1'-0"

DESIGNED: RHB	SUB SHEET NO.	TITLE OF SHEET TYPICAL STAIR DETAILS	DRAWING NO.
CHAD			
RHB			
TECH. REVIEW:			
DATE: 10.06.06			
	A502	INDEPENDENCE NATIONAL HISTORICAL PARK	PMS/PKG NO. 1.3531
			SHEET 23 OF 37



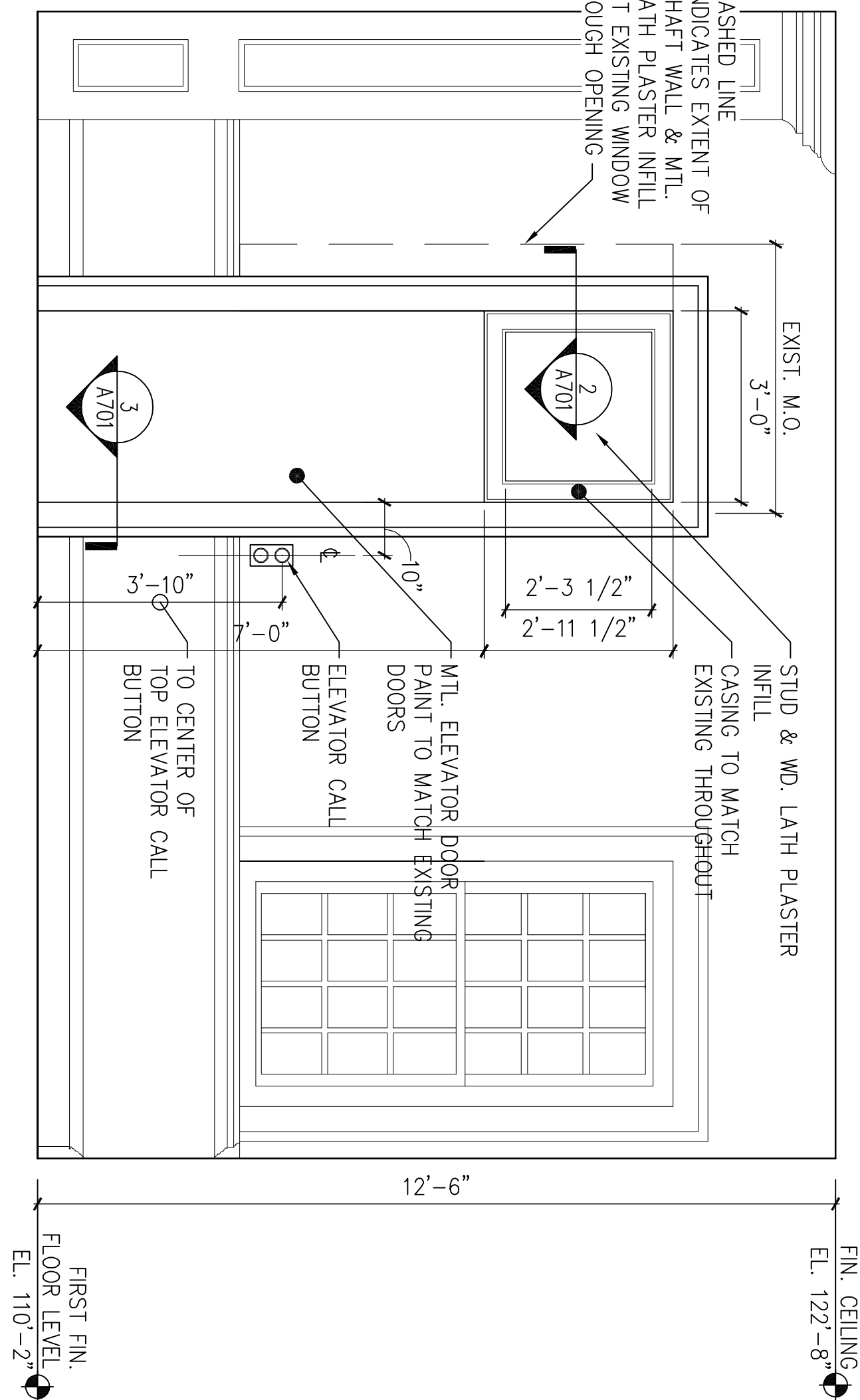
4 THIRD FLOOR ELEVATION

1/2"=1'-0"



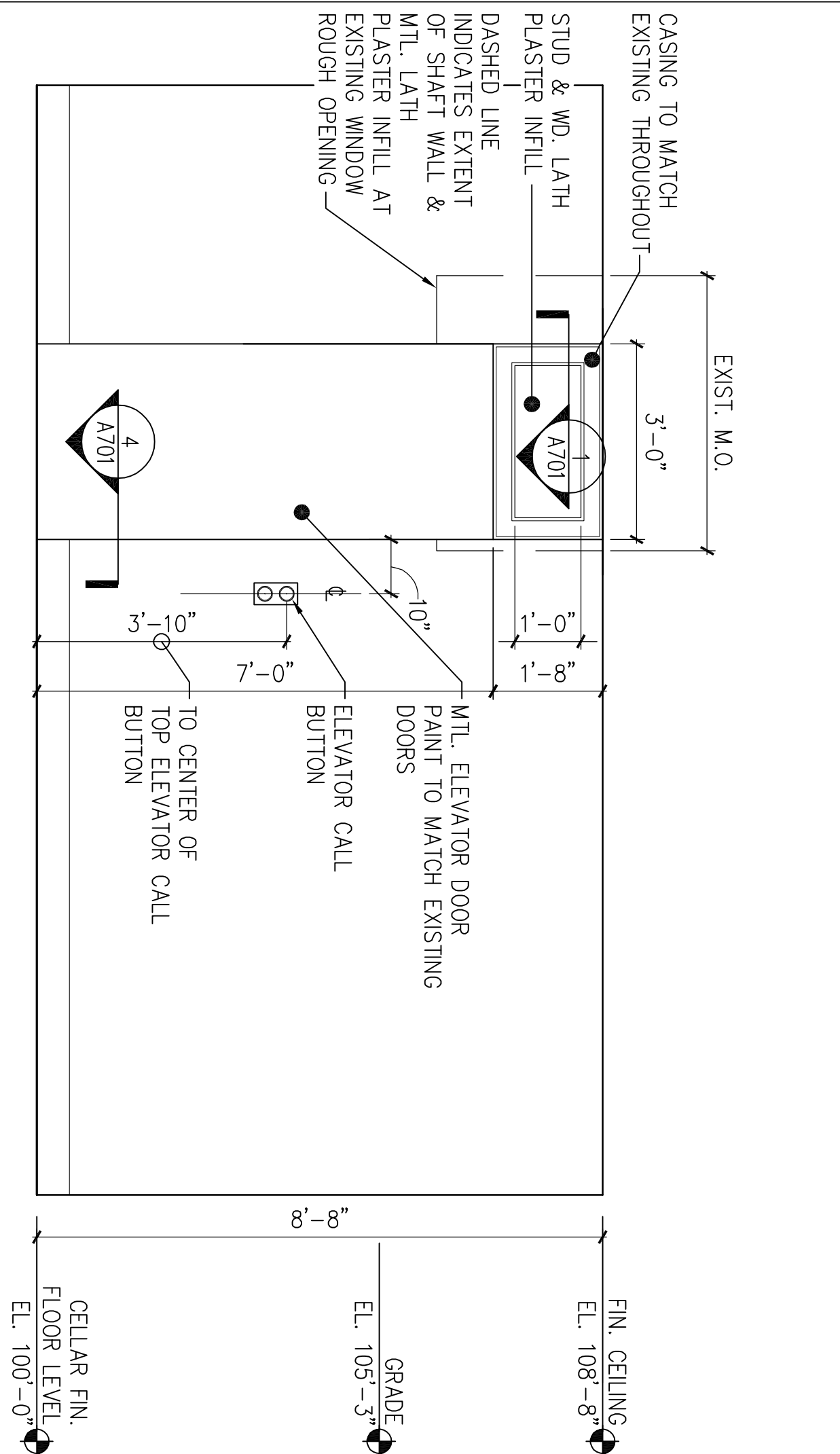
3 SECOND FLOOR ELEVATION

1/2"=1'-0"



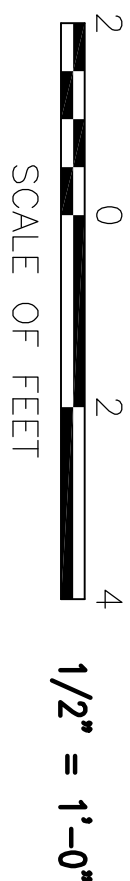
2 FIRST FLOOR ELEVATION

1/2"=1'-0"

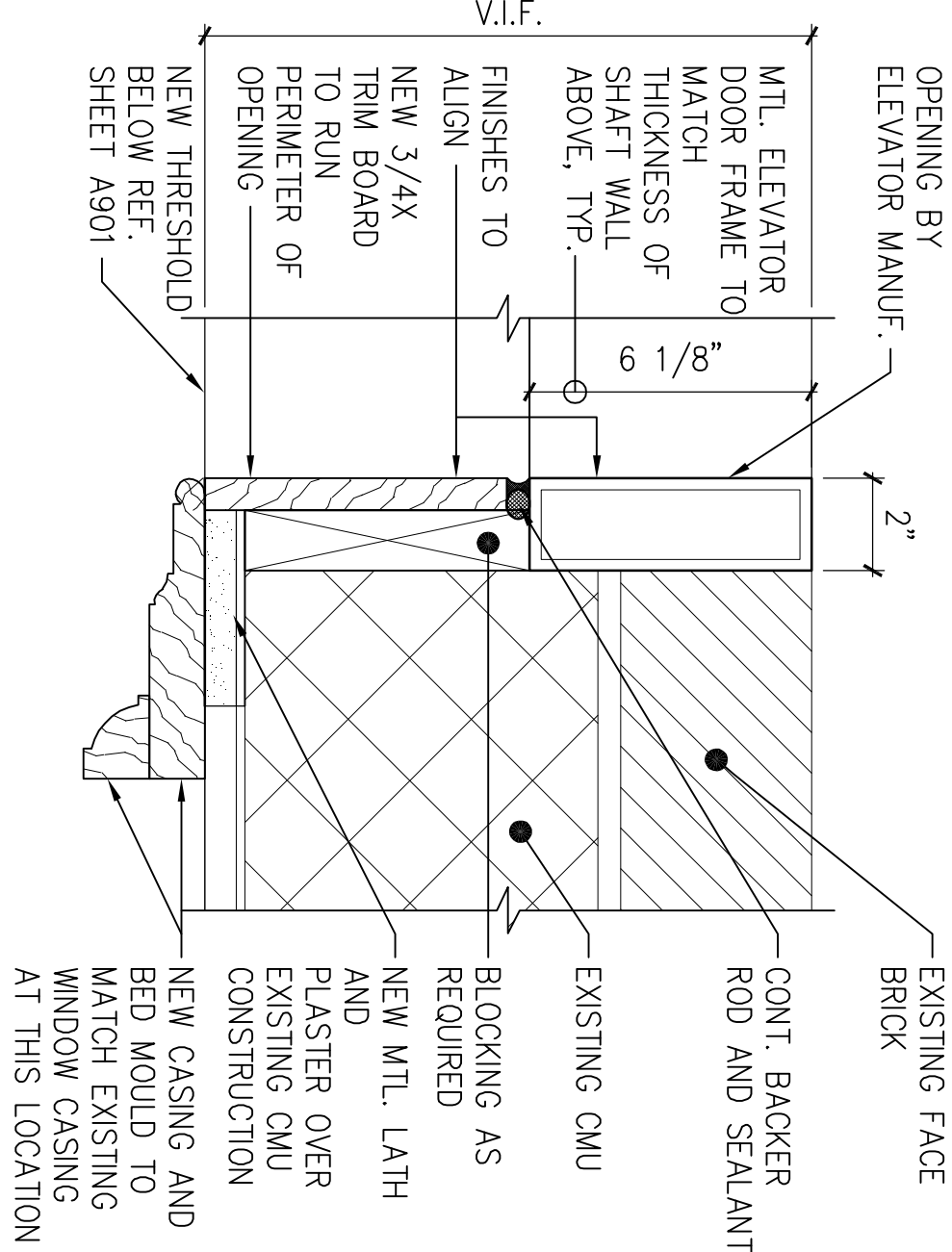
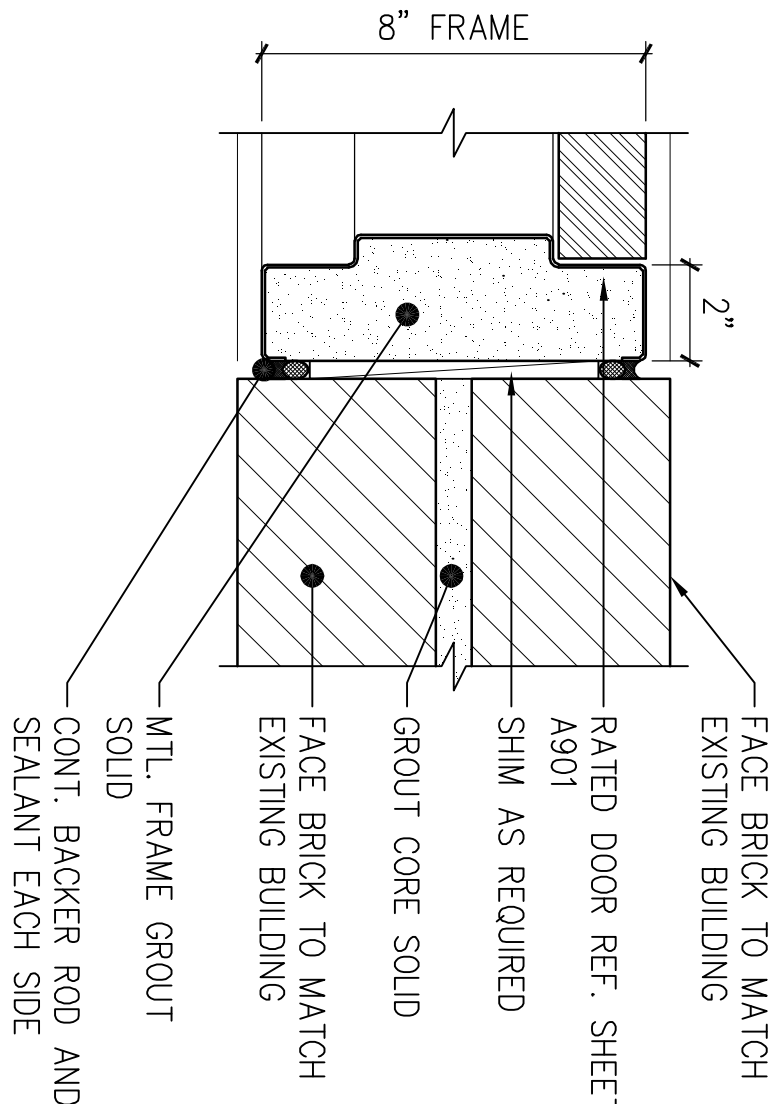
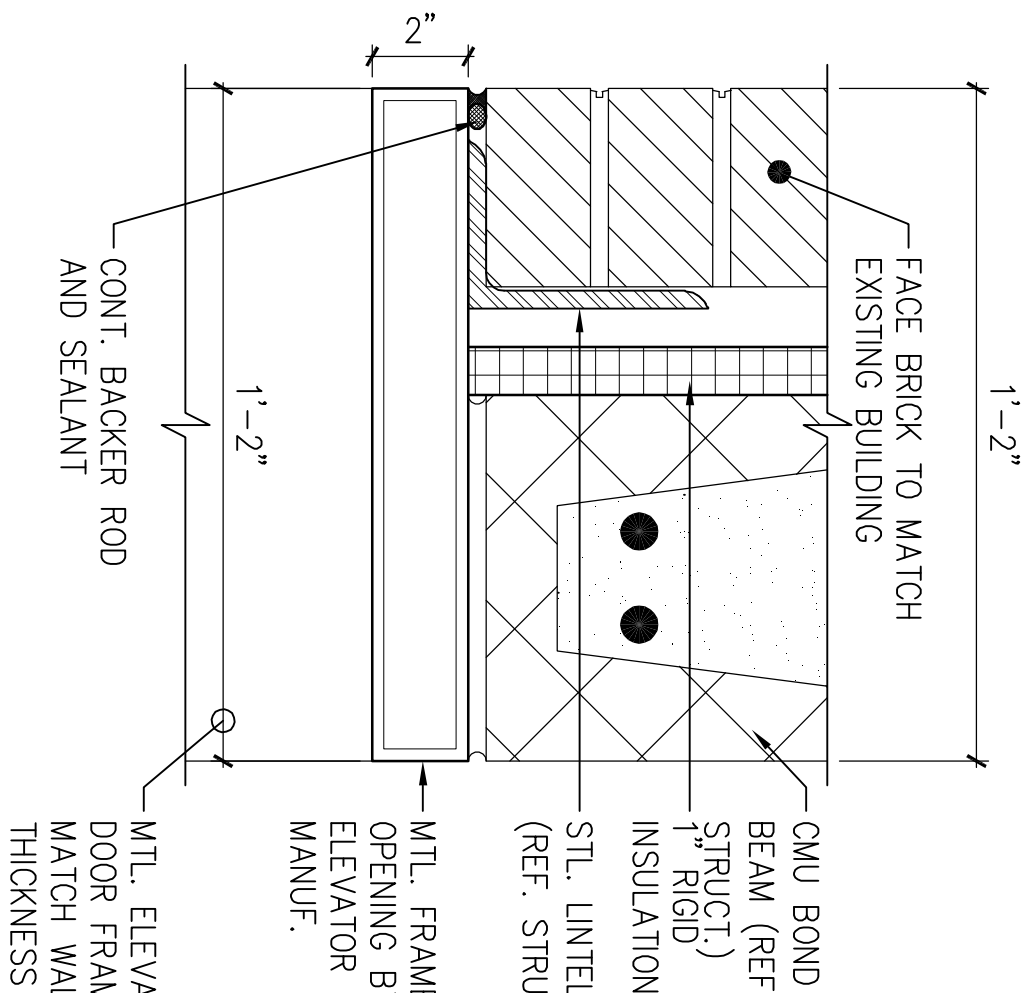
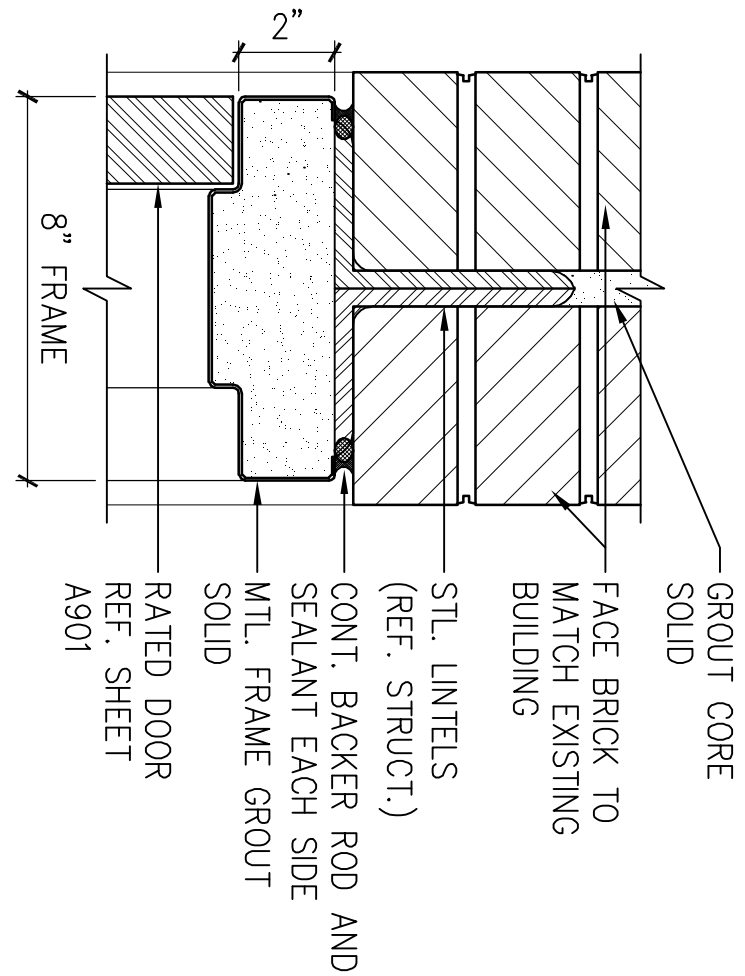


1 CELLAR ELEVATION

1/2"=1'-0"



1 CELLAR ELEVATION		TITLE OF SHEET		DRAWING NO.	
DESIGNED:	RHB	SUB SHEET NO.			
TECH. REVIEW:	RHB				
DATE:	10.06.06				
		INTERIOR ELEVATIONS		PMS/PKG NO. 1.3531	
		INDEPENDENCE NATIONAL HISTORICAL PARK		SHEET 25 of 37	



3 ELEV. DOOR JAMB

3'-1'-0"

12 DOOR HEAD

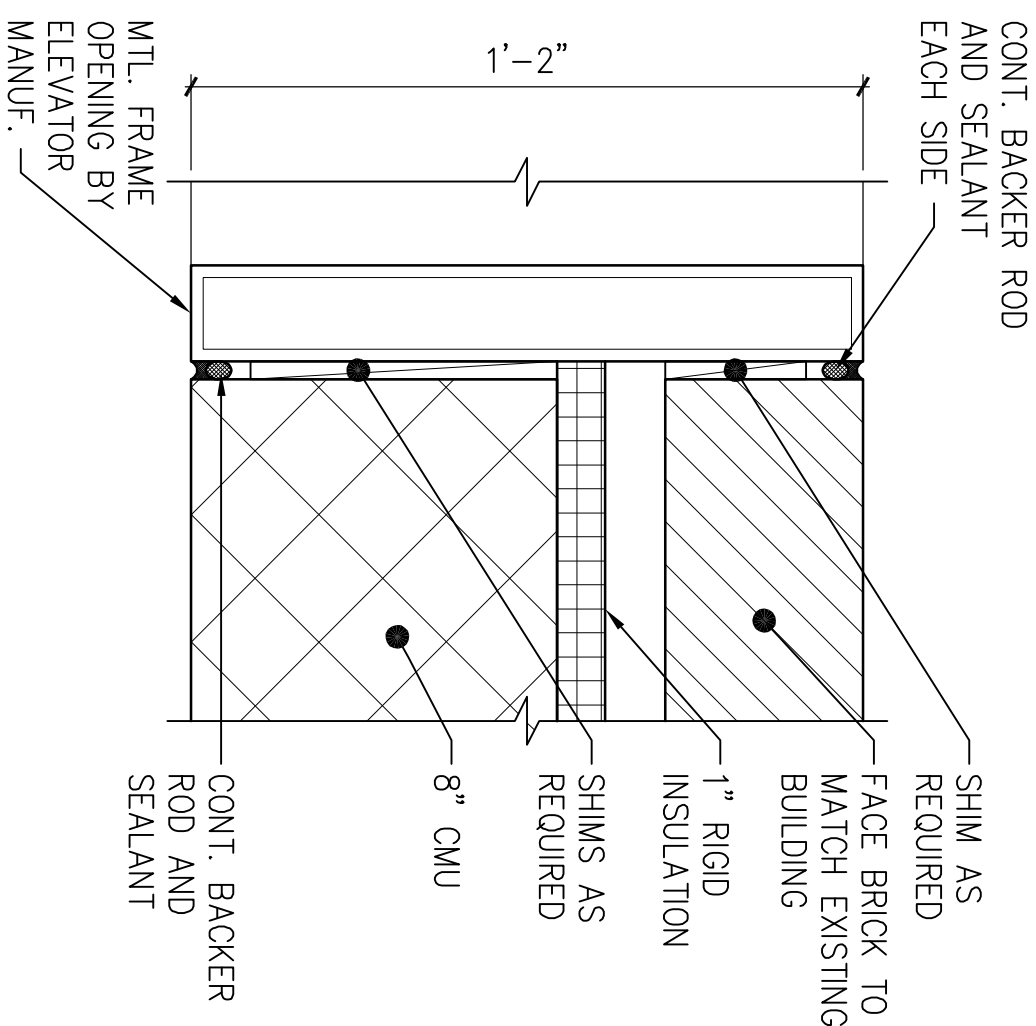
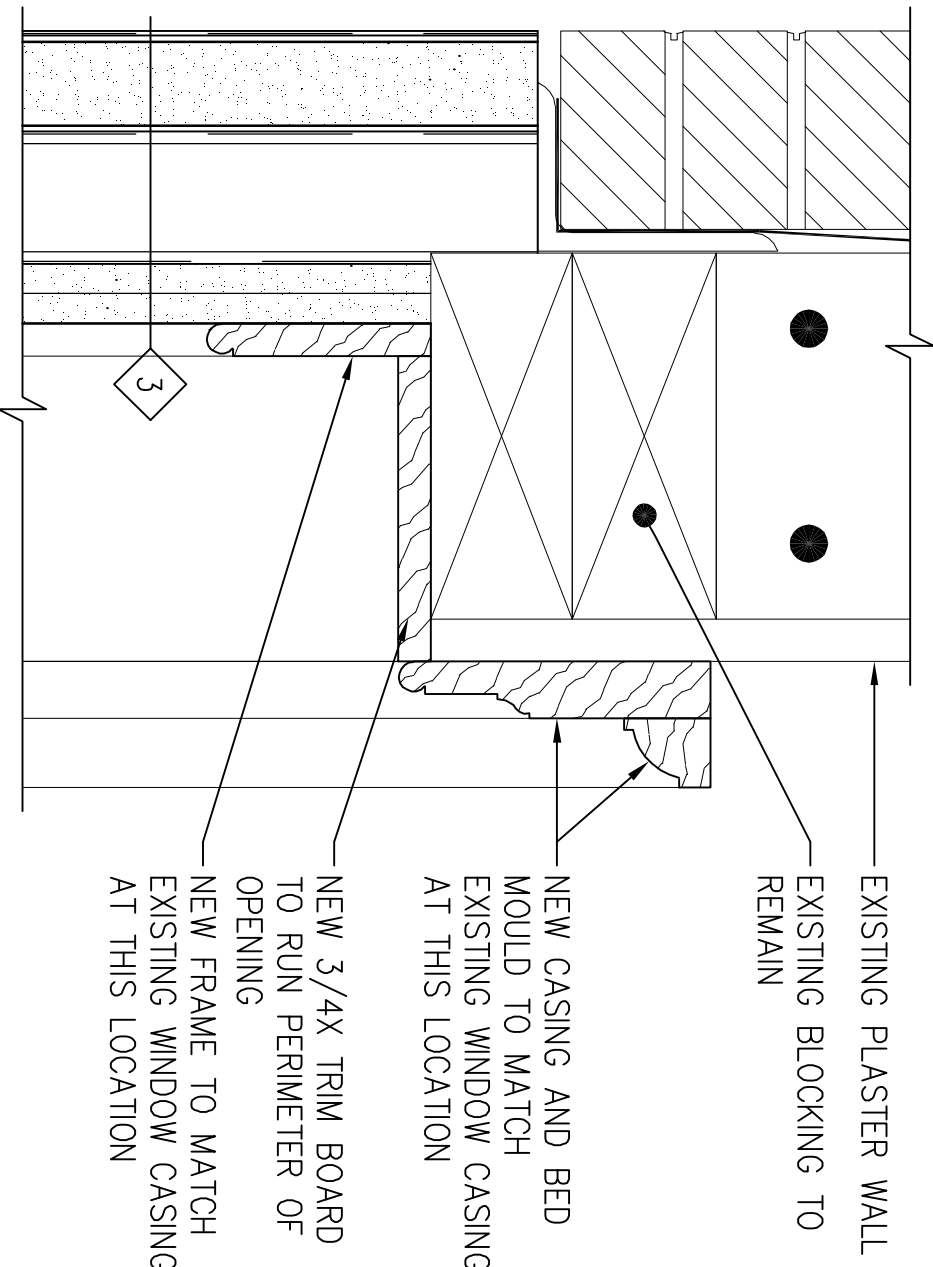
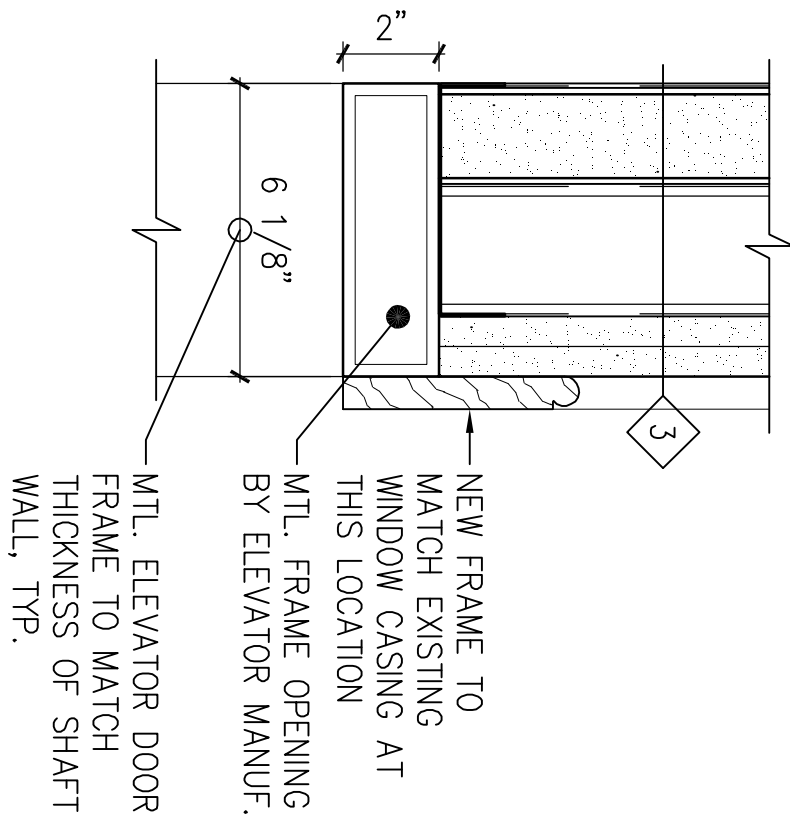
3'-1'-0"

9 ELEV. DOOR HEAD

3'-1'-0"

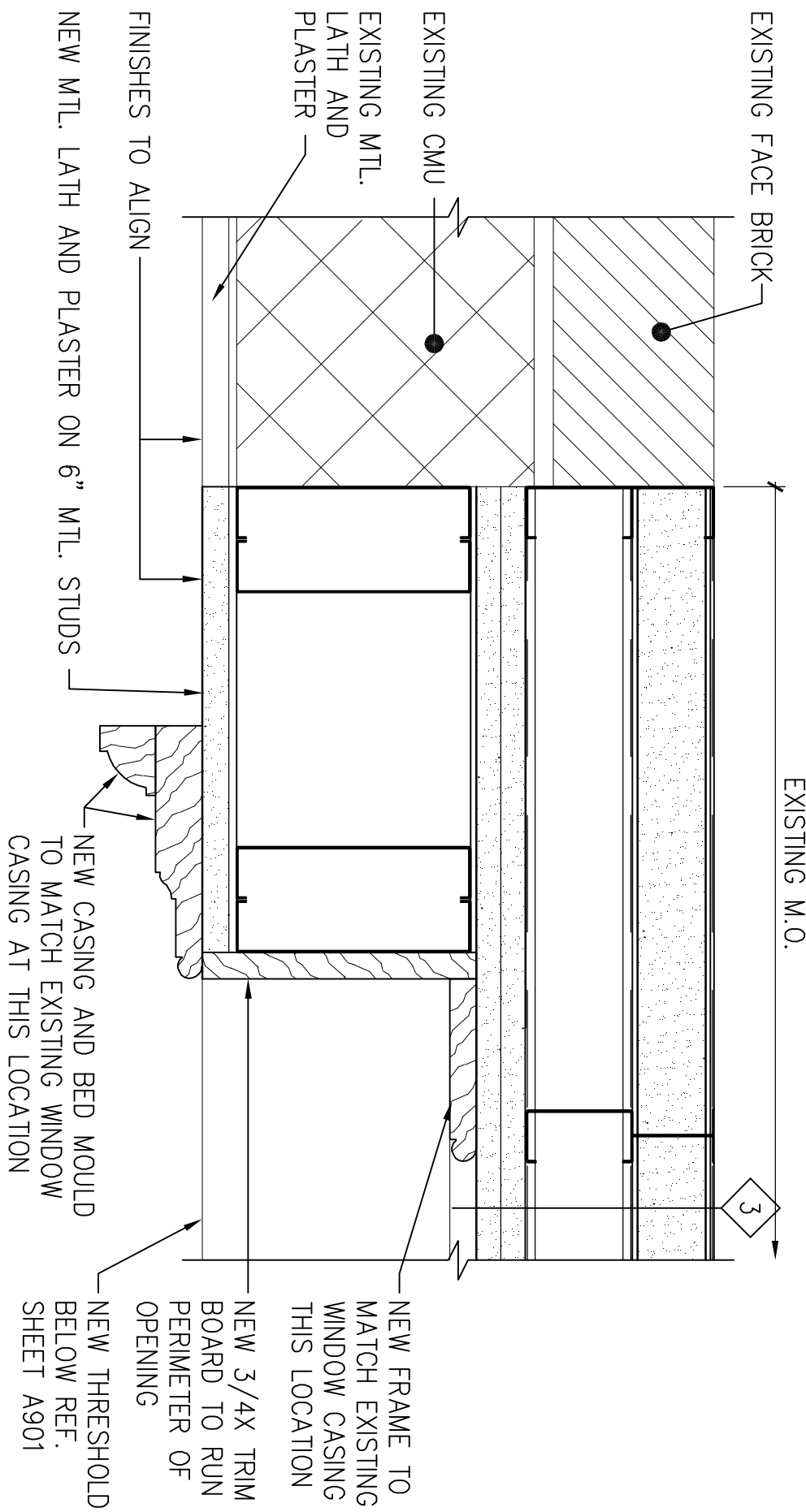
6 DOOR JAMB

3'-1'-0"



2 JAMB @ ELEV. DOOR OPENING

3'-1'-0"

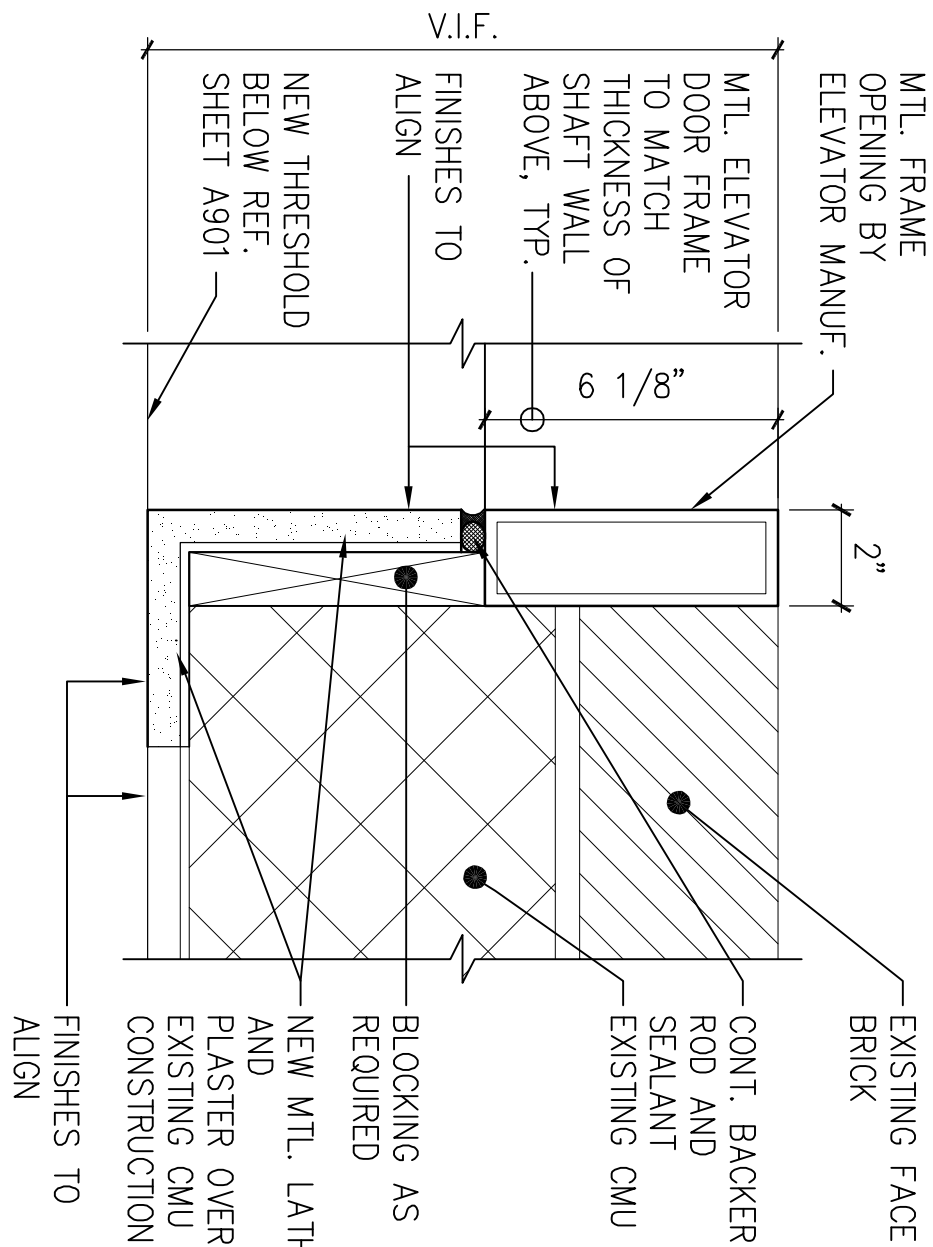
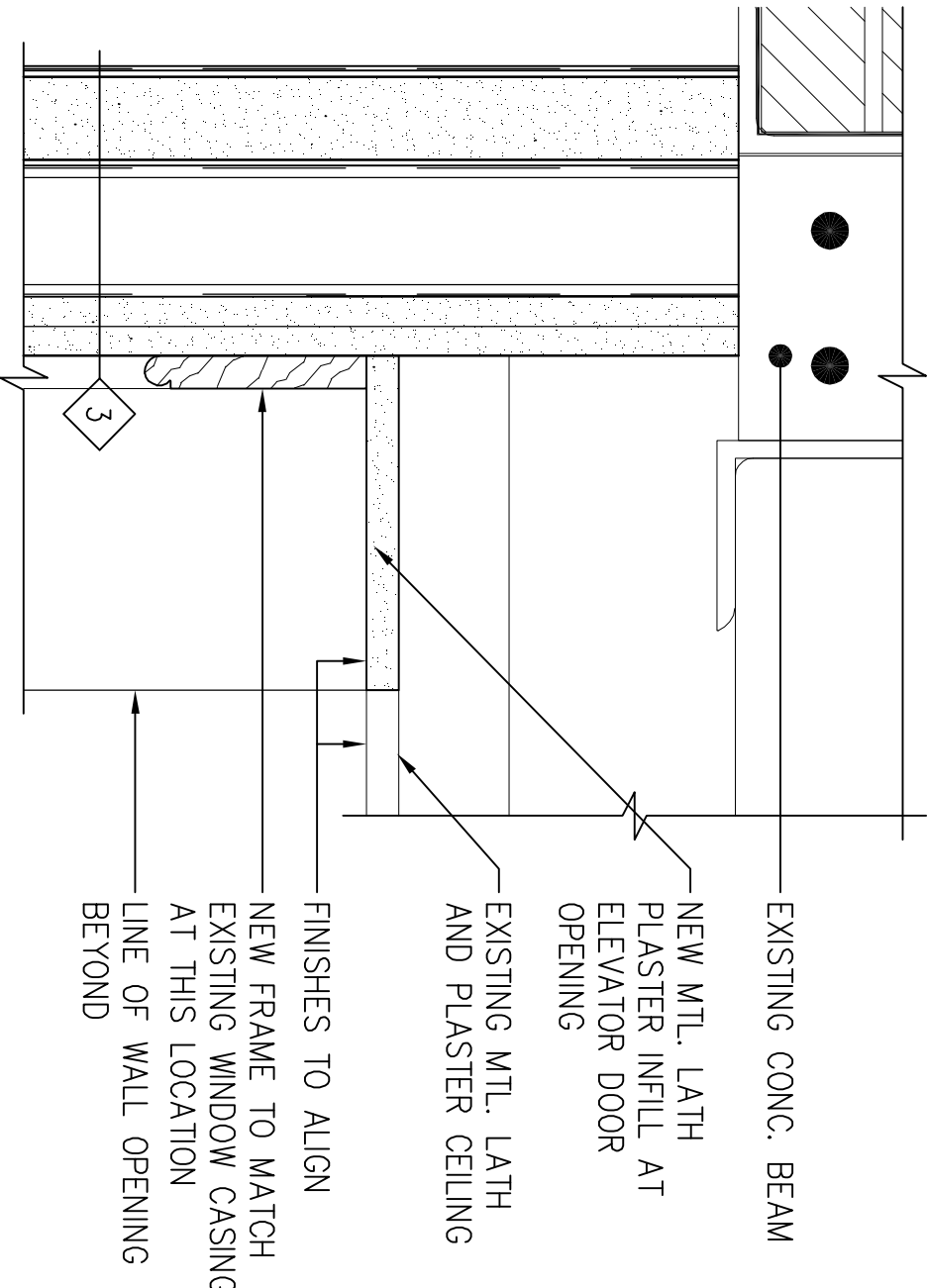
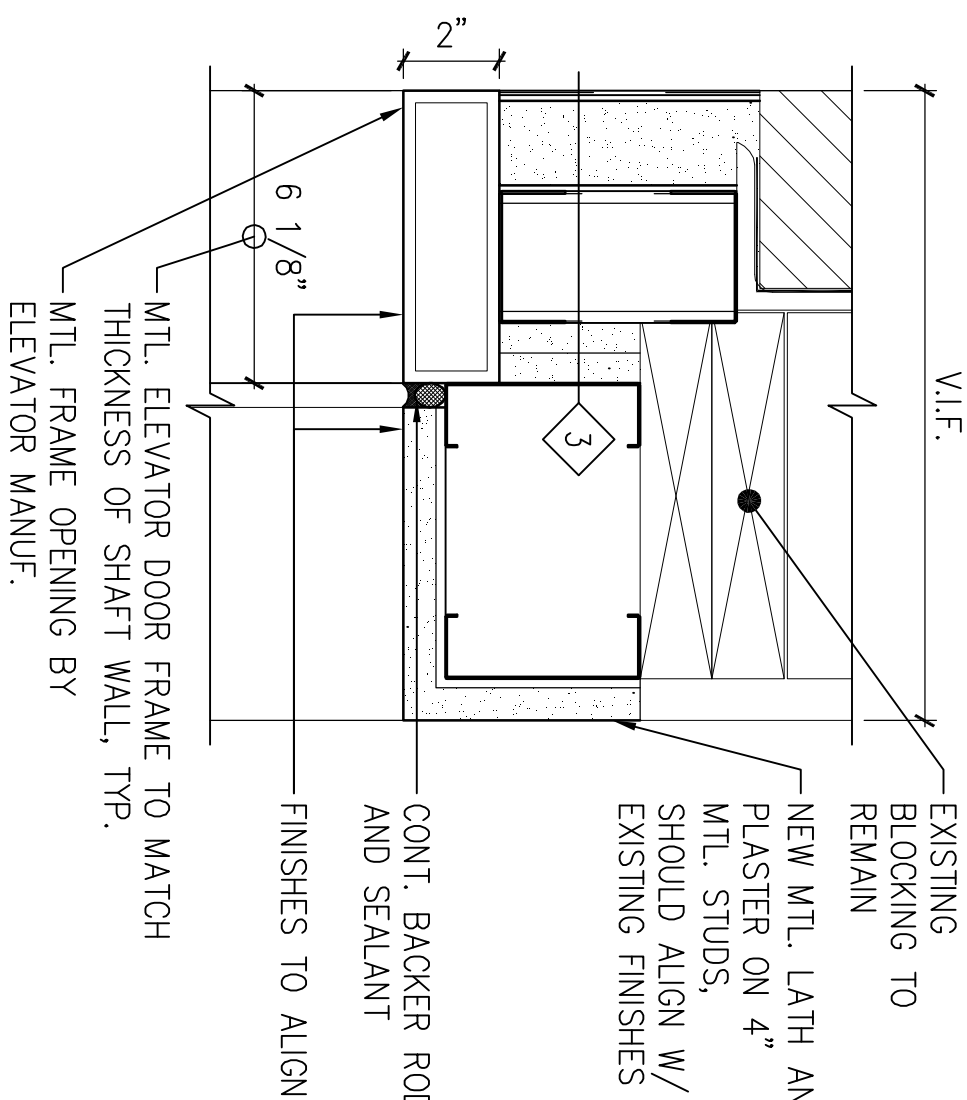


11 ELEV. DOOR HEAD

3'-1'-0"

8 HEAD @ ELEV. DOOR OPENING

3'-1'-0"

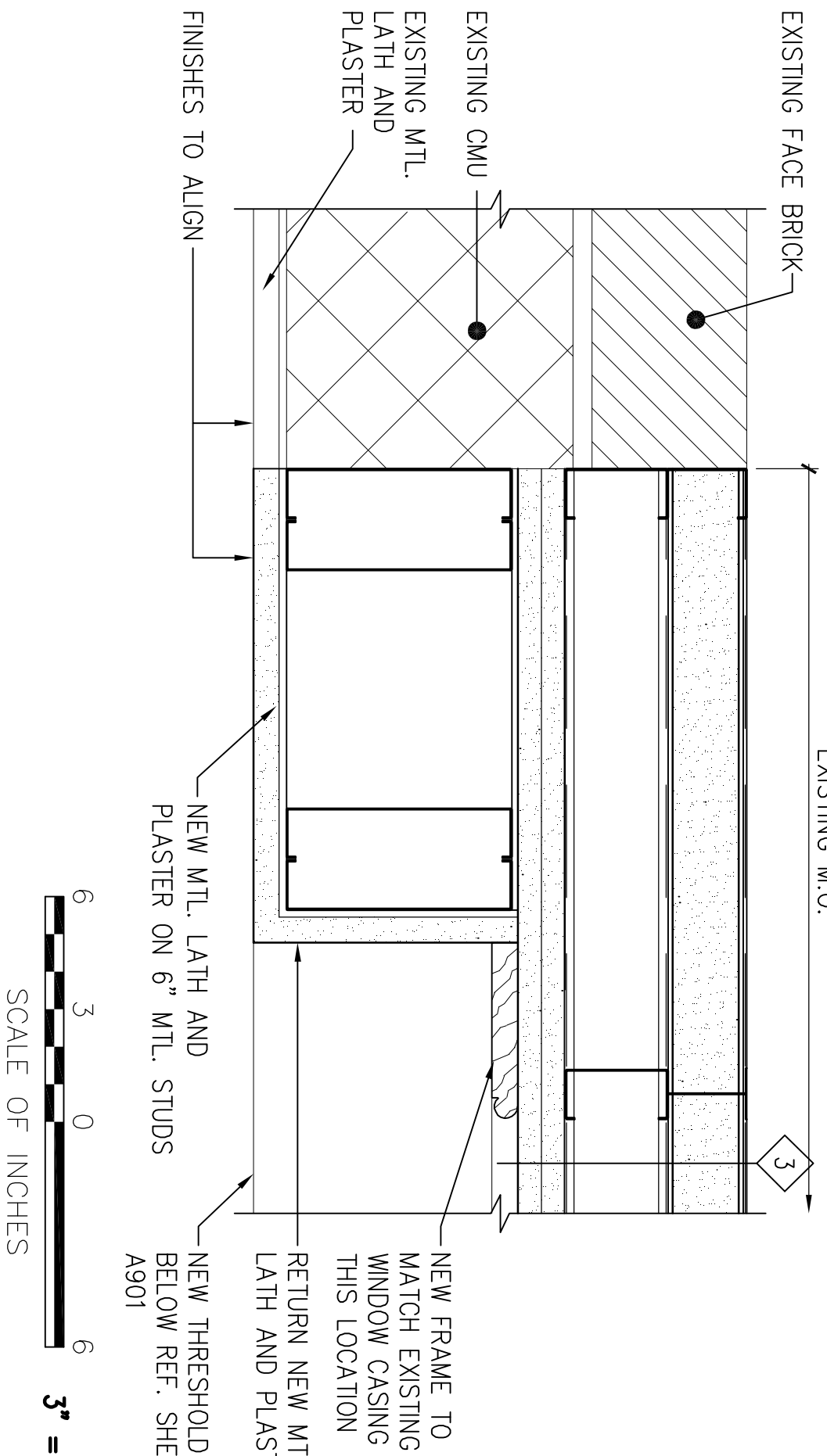


5 ELEV. DOOR JAMB

3'-1'-0"

1 JAMB @ ELEV. DOOR OPENING

3'-1'-0"



3" = 1'-0"

10 ELEV. DOOR HEAD

3'-1'-0"

7 HEAD @ CELLAR ELEV. DOOR OPENING

3'-1'-0"

4 ELEV. DOOR JAMB

3'-1'-0"

DESIGNED: RHB		SUB SHEET NO.		TITLE OF SHEET		DRAWING NO.	
RHB				INTERIOR DETAILS			
TECH. REVIEW:				INDEPENDENCE		PMS/PKG NO.	
DATE: 10.06.06				NATIONAL HISTORICAL PARK		1.3531	
						SHEET	
						22 OF 37	

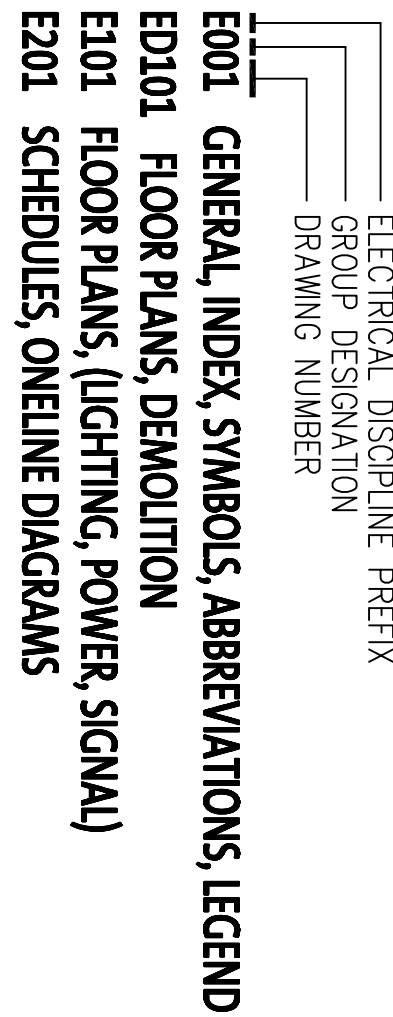
ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION
A	AMPERE	MA	MILLIAMPERE
AC	ALTERNATING CURRENT	MAX	MAXIMUM
AF	AIRFRAME FRAME	MC	METAL CLAD CABLE
AHU	AIR HANDLING UNIT	MCB	MOTOR CIRCUIT BREAKER
AIC	AMPERE INTERRUPTING CAPACITY	MCC	MOTOR CONTROL CENTER
AIN	ANNUNCIATOR	MCCB	MOTOR CIRCUIT BREAKER
ALS	AMBIENT LIGHT	MCP	MANUFACTURING PANEL
ATS	AUTOMATIC TRANSFER SWITCH	MFR	MANUFACTURER
AWG	AMERICAN WIRE GAUGE	MN	MINIMUM
BB	BATTERY	MLO	MAIN LOSS ONLY
BATT	BATTERY	MTO	MOUNTED
BRK	BREAKER	MTR	MOTOR
BUDG	BUILDING	N	NORTH
CB	CIRCUIT BREAKER	NEC	NATIONAL ELECTRIC CODE
CKT	CIRCUIT	NEF	NOT-FUSED
CL	CENTER LINE	NIC	NOT IN CONTRACT
COL	COLUMN	OL	OVERLOAD
COMM	COMMUNICATIONS	PC	PHOTOCELL
CONN	CONNECTION, CONNECT	PB	PANEL
CONDUIT	CONDUIT	PBI	PRIMARY
COIL	COIL	PVC	POLYVINYL CHLORIDE
CT	CURRENT TRANSFORMER	PWR	POWER
DET	DETECTOR	Φ	PHASE
DIA	DIAMETER	RECP	RECEPTACLE
DISC	DISCONNECT	RCS	RIGID GALVANIZED STEEL CONDUIT
DIV	DIVISION	RMT	ROOM
DV	DRAWING	SCH	SCHEDULE
DWG	DRAWING	SH	SHEET
EA	EACH	SHIT	SPEAKER
E	ELEVATION	SPR	SUSPENDED
EL	ELECTRIC	SUP	SUPPLY
ELC	ELECTRIC	SW	SWITCH
ELU	EMERGENCY LIGHT UNIT	SWB	SWITCHBOARD
EMER	EMERGENCY	SWGR	SWITCHGEAR
ENT	ENTRANCE	T, TEL	TELEPHONE
EQUIP	EQUIPMENT	TEMP	TEMPORARY
ETR	EXISTING TO REMAIN	TERM	TERMINAL, TERMINATE
EUH	ELECTRIC UNIT HEATER	TELE	TELEVISION
EW	ELECTRIC WATER COOLER	TSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR
EXH	EXISTING WALL HEATER	TYP	TYPICAL
EXIST	EXISTING	UG	UNDERGROUND
FA	FIRE ALARM	UM	UNIT HEATER
FAC	FIRE ALARM CONTROL PANEL	UPS	UNINTERRUPTIBLE POWER SUPPLY
FARA	FIRE ALARM REMOTE ANNUNCIATOR	UTL	UTILITY
FBI	FIRE ALARM UNIT	VA	VOLT-AMPERES
FLA	FULL LOAD AMPERES	V	VOLT, VOLTS
FLR	FLOOR	W	WATT
FLEX	FLEXIBLE	W/	WEATHERPROOF
FLOOR	FLOORESCENT	WT	WATERIGHT
G, GND	GROUND	YFR	TRANSFORMER
GEN	GENERATOR		
GR	GROUND FAULT CIRCUIT INTERRUPTER		
HGT	HEIGHT		
HIO	HIGH INTENSITY DISCHARGE		
HOA	HAND-OFF-AUTOMATIC		
HP	HORSEPOWER		
HTR	HEATER		
HW	HOT WATER		
J	JUNCTION BOX		
J-BOX	JUNCTION BOX		
JCT	JUNCTION		
KCMIL	THOUSAND CIRCULAR MILS		
KVA	KILOVOLT-AMPERE		
KW	KILOWATT		
LTG	LIGHTING		
LT(S)	LIGHTING LIGHT(S)		

0 TITLE

NO SCALE

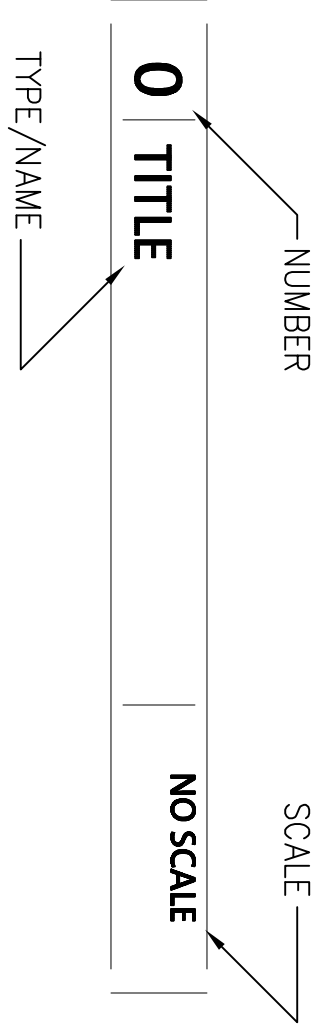
4 DRAWING GROUP ORGANIZATION

NO SCALE



5 GENERAL

NO SCALE



2 LIGHTING

NO SCALE

- EXIT SIGN
- FLUORESCENT STRIP LIGHT FIXTURE
- WALL MOUNTED FLUORESCENT
- 2' X 2' FLUORESCENT LIGHT FIXTURE
- 2' X 2' FLUORESCENT LIGHT FIXTURE
- 2' X 4' FLUORESCENT LIGHT FIXTURE
- FIXTURE TYPE INDICATED
- LIGHTING FIXTURE - CEILING/RECESSED MOUNTED
- REMOTE HEAD FOR EMERGENCY LIGHTING UNIT
- OCCUPANCY SENSOR
- EMERGENCY LIGHTING UNIT/EXIT SIGN COMBO UNIT
- SWITCH-SINGLE POLE-WALL MTD. 48" AFF TO CENTERLINE
- D = DIMMER TYPE
- WALL MOUNTED OCCUPANCY SENSOR
- MANUAL MOTOR STARTER
- THERMOSTAT
- SMOKE HATCH / LOUVER
- FIRE ALARM CONTROL PANEL
- FIRE ALARM PULL STATION
- FIRE ALARM BELL W/ STROBE LIGHT
- HEAT DETECTOR
- SMOKE DETECTOR
- E - ELEVATOR CAPTURE FEATURE
- FIRE ALARM STROBE

1 FIRE ALARM

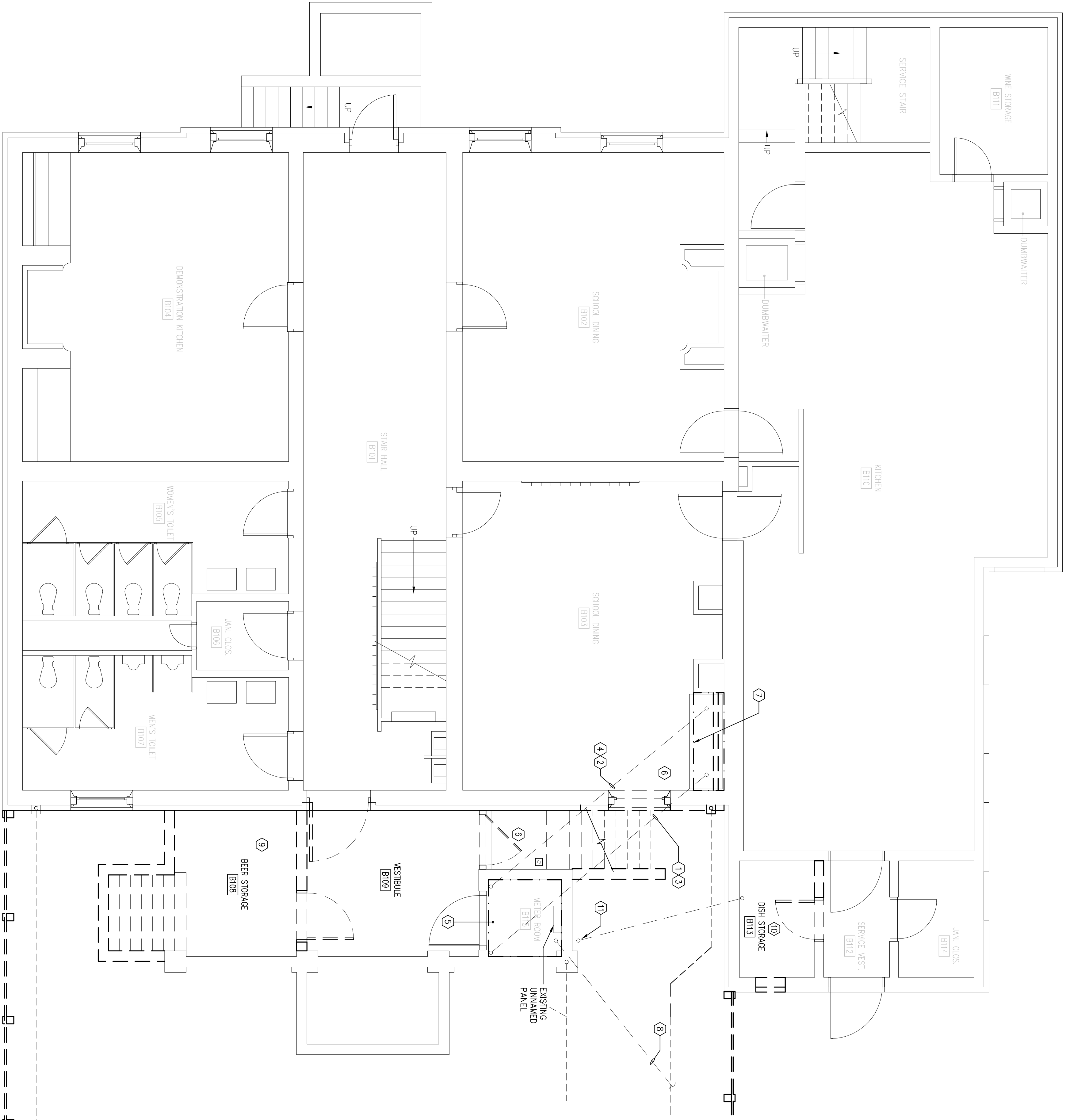
NO SCALE

3 POWER & TELECOM

NO SCALE

- TELEPHONE OUTLET, WALL MOUNTED 18" AFF
- MOTOR
- MOTOR CONTROLLER
- SIMPLEX RECEPTACLE, WALL MTD 18" AFF TO CENTERLINE U.O.N.
- DUPLEX RECEPTACLE, WALL MTD 18" AFF TO CENTERLINE U.O.N.
- DUPLEX RECEPTACLE, WALL MTD 18" AFF TO CENTERLINE U.O.N.
- DOT INDICATES INSTALLATION @48" AFF UNLESS OTHERWISE NOTED
- DOUBLE DUPLEX RECEPTACLE, WALL MTD 18" AFF TO CENTERLINE U.O.N.
- SPECIAL RECEPTACLE, CONFIGURATION TO MATCH EQUIPMENT
- DUPLEX RECEPTACLE, CEILING MOUNTED
- JUNCTION BOX
- JUNCTION BOX WALL MOUNTED
- TRANSFORMER
- 120/208V PANEL SURFACE MOUNTED
- HOMERUN 10XT
- HOMERUN 2 CKTS
- HOMERUN 3 CKTS
- RACEWAY
- RACEWAY TURNING DOWN
- RACEWAY TURNING UP
- CIRCUITING BREAK LINE
- CIRCUIT CONTINUED OR CONNECTED TO EQUIPMENT INDICATED
- EXISTING CIRCUITING

DESIGNED: DHD	SUB SHEET NO. E001	TITLE OF SHEET ELECTRICAL ABBREVIATIONS & LEGEND	DRAWING NO. 1.3531
TECH. REVIEW: BCN		INDEPENDENCE NATIONAL HISTORICAL PARK	SHEET 28 of 38
DATE: 10.18.06			



KEYED NOTES

- 1 REMOVE 600A (2-3°C) FEED THAT INTERFERES WITH NEW ELEVATOR INSTALLATION. EXISTING CONDUIT THAT DOES NOT INTERFERE WITH NEW ELEVATOR INSTALLATION SHALL BE REUSED. NEW CONDUIT SHALL BE INSTALLED BENEATH PROPOSED NEW SLAB TO CLEAR THE NEW CONSTRUCTION.
- 2 REMOVE 1200A (2-3 1/2°C) FEED THAT INTERFERES WITH NEW ELEVATOR INSTALLATION. EXISTING CONDUIT THAT DOES NOT INTERFERE WITH NEW ELEVATOR INSTALLATION SHALL BE REUSED. NEW CONDUIT SHALL BE INSTALLED BENEATH PROPOSED NEW SLAB TO CLEAR THE NEW CONSTRUCTION.
- 3 REMOVE EXISTING CONDUCTORS (4-350 KCM IN EACH OF 2-3°C) BACK TO ATTIC DISTRIBUTION PANEL "CP". REPLACE WITH NEW AFTER CONDUITS ARE RELOCATED.
- 4 REMOVE EXISTING CONDUCTORS (6-350 KCM IN EACH OF 2-3 1/2°C) BACK TO ATTIC DISTRIBUTION PANEL "HP". REPLACE WITH NEW AFTER CONDUITS ARE RELOCATED.
- 5 REMOVE CONCRETE FLOOR IN MAIN ELECTRIC ROOM. (REFER TO ARCHITECTURAL DRAWINGS FOR SCOPE)
- 6 REMOVE CONCRETE FLOOR IN SCHOOL DINING AND IN EXISTING STARWELL TO ALLOW FOR REROUTING OF ELECTRICAL FEEDERS. (REFER TO ARCHITECTURAL DRAWINGS FOR SCOPE)
- 7 REMOVE PLASTER WALL TO ALLOW FOR ACCESS TO EXISTING CONDUITS. (REFER TO ARCHITECTURAL DRAWINGS FOR SCOPE)
- 8 EXISTING 3-3 1/2°C WITH 4-500KCM CONDUCTORS AND 1-2" METERING CONDUIT AND ASSOCIATED CONDUCTORS. CONDUIT AND CONDUCTORS SHALL BE RELOCATED/REPLACED TO ACCOMMODATE NEW CONSTRUCTION. COORDINATE WORK WITH UTILITY COMPANY AND INCLUDE ALL ASSOCIATED COSTS (INCLUDE ANY/ALL UTILITY CHARGES PLUS ELECTRICAL CONSTRUCTION COSTS).
- 9 REMOVE ELECTRICAL BRANCH WIRING TO EXISTING BEER COOLER. CONTRACTOR IS REQUIRED TO VISIT SITE AND REVIEW REQUIRED WORK AND IDENTIFY ANY ADDITIONAL EXISTING BRANCH CIRCUITS WHICH MAY REQUIRE REMOVAL TO FACILITATE NEW CONSTRUCTION. REMOVED EXISTING ELECTRICAL INSTALLATIONS SO THAT ALL ITEMS DISCONNECTED ARE FULLY OPERATIONAL AT THE COMPLETION OF PROPOSED WORK. PROVIDE ALL TEMPORARY ELECTRICAL CONNECTIONS NECESSARY TO MAINTAIN OPERATION OF THE TARDEN DURING CONSTRUCTION.
- 10 PROPOSED ELEVATOR MACHINE ROOM. RELOCATE ALL EXISTING ELECTRICAL EQUIPMENT (JB, ETC.) NOT ASSOCIATED WITH ELEVATOR OPERATION. NOTE THAT ARCHITECT SHALL INCLUDE A NEW "FIRE RATED" CEILING IN THIS ROOM SO THAT ONLY ITEMS THAT NEED ACCESS PER NEC SHALL BE RELOCATED. DISCONNECT AND REMOVE EXISTING HEAT DETECTOR AND REMOVE WIRING BACK TO REMOVED DEVICE. REMOVE EXISTING FIRE ALARM WIRING AS NECESSARY TO MAINTAIN BALANCE OF EXISTING FIRE ALARM DEVICES TO REMAIN IN SERVICE.
- 11 EXISTING 1 1/2" CONDUIT. RELOCATE CONDUIT AND ASSOCIATED CONDUCTORS TO ACCOMMODATE NEW CONDUITS TO ATTACHED STARWELL FEED. THIS CONDUIT FEEDS THE CONDUIT APPEARS IN THE EXISTING DISH STORAGE ROOM AND FEEDS LOAD CENTER IN ELECTRIC ROOM.
- 12 ASSURE THAT THE EXISTING ELECTRIC INSTALLATION IS MAINTAINED AND PROTECTED IN A SAFE OPERATING CONDITION IN ADJACENT AREAS DURING AND AFTER CONSTRUCTION WORK.
- 13 THE OWNER HAS INDICATED THE NECESSITY TO REMAIN OPEN DURING THE INSTALLATION OF THIS WORK. THIS CONTRACTOR SHALL INCLUDE ALL COSTS ASSOCIATED WITH THE INSTALLATION OF TEMPORARY POWER SO THAT THIS MAY BE ACCOMPLISHED. INCLUDE ALL PREMIUM TIME. INCLUDE COMPLETE REMOVAL WHEN TEMPORARY POWER IS NO LONGER REQUIRED. CONTRACTOR SHALL COORDINATE WITH ARCHITECT AND MAINTAIN ACCESS TO THE ROOM AND OWNER AND INCLUDE ALL ASSOCIATED COSTS. OWNER SHALL PAY ELECTRIC USAGE (KWH) COSTS ONLY.

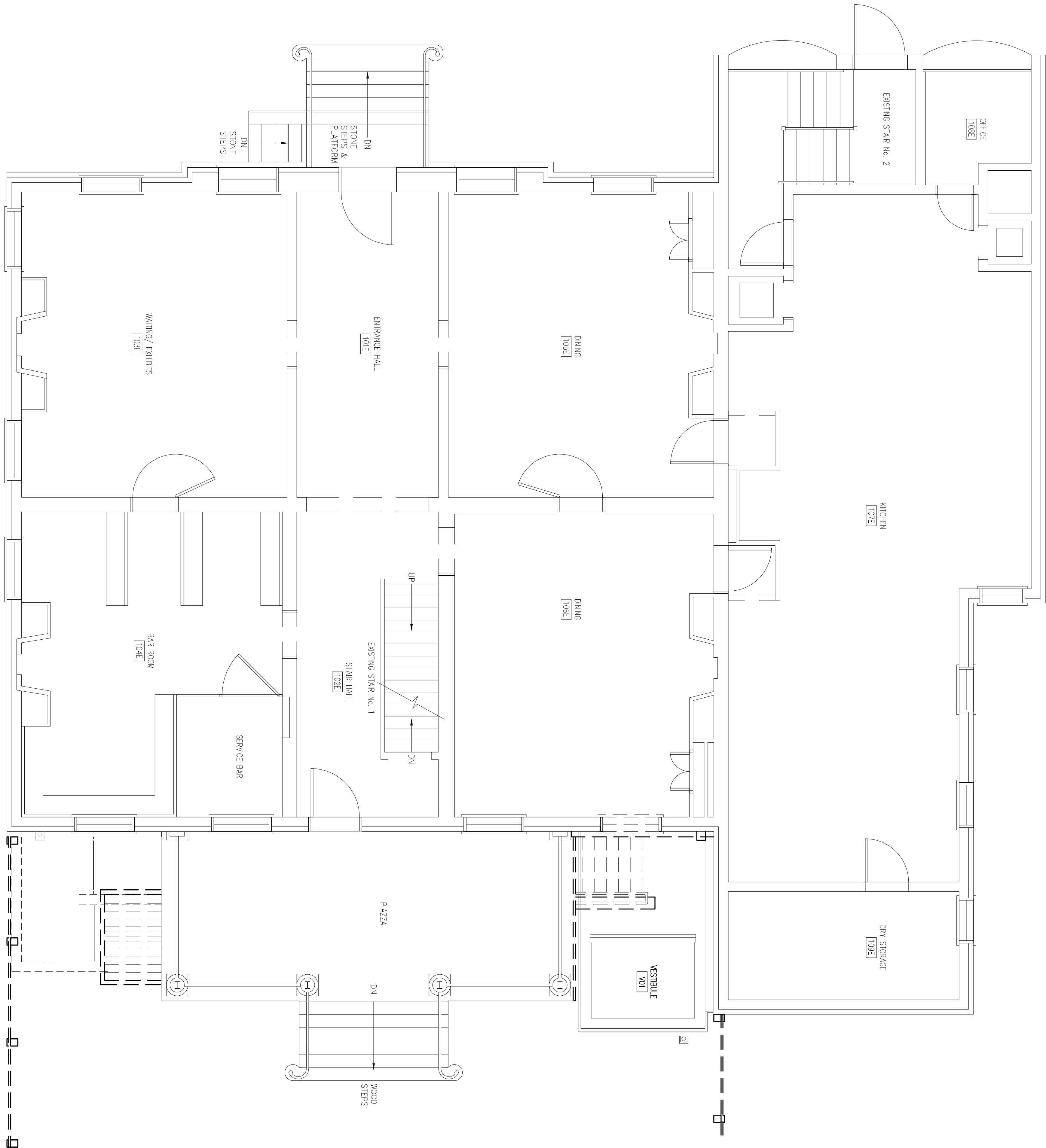
1
ED101 1/4" = 1'-0"

CELLAR FLOOR PLAN- DEMO

DESIGNED: DHD	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
BCN	ED101	CELLAR ELECTRICAL REMOVAL PLAN	_____
TECH. REVIEW:		INDEPENDENCE NATIONAL HISTORICAL PARK	PMS/PKG NO. 1.353.1
DATE: 10.18.06			SHEET 29 OF 38

KEYED NOTES

- ① REFERENCE DRAWING ONLY – CONTRACTOR SHALL PROTECT THE EXISTING ELECTRICAL INSULATION DURING CONSTRUCTION.



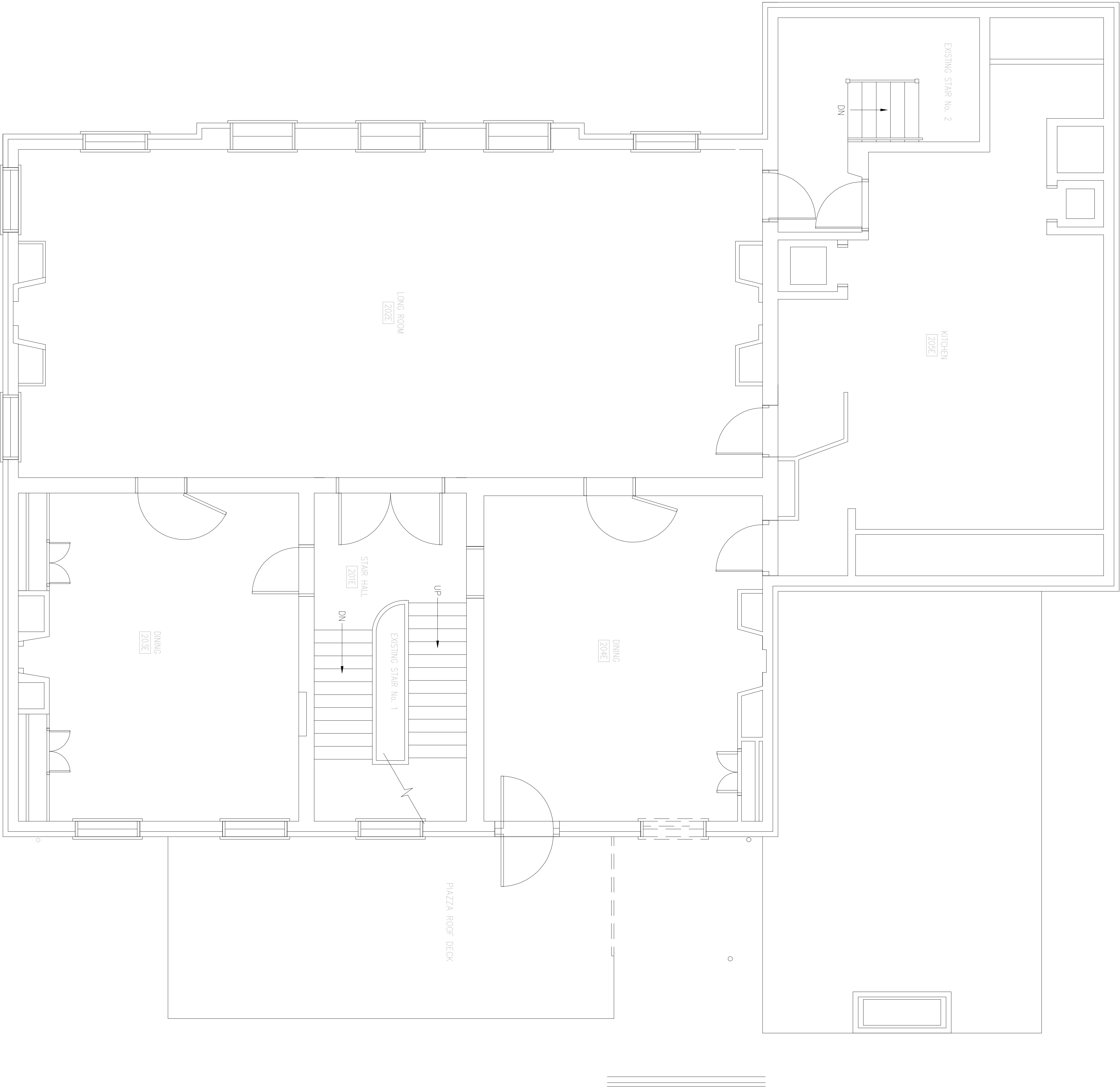
1
ED102 1/4" = 1'-0"

FIRST FLOOR PLAN- DEMO

	DESIGNED:	SUB SHEET NO.	TITLE OF SHEET		DRAWING NO.
	DHD		FIRST FLOOR ELECTRICAL		—
	BCN		REMOVAL PLAN		PMG/PKG NO.
	TECH. REVIEW:		INDEPENDENCE		13531
	DATE:		NATIONAL HISTORICAL PARK		SHEET
	10.18.06				30 of 38

KEYED NOTES

- ① REFERENCE DRAWING ONLY – CONTRACTOR SHALL PROTECT THE EXISTING ELECTRICAL INSTALLATION DURING CONSTRUCTION.



SECOND FLOOR PLAN- DEMO

1
ED103 1/4" = 1'-0"

DESIGNED: DHD BGN	SUB SHEET NO. ED103	TITLE OF SHEET SECOND FLOOR ELECTRICAL REMOVAL PLAN INDEPENDENCE NATIONAL HISTORICAL PARK	DRAWING NO. PMS/PKG NO. 13531 SHEET 31 OF 38
DATE: 10.18.06			

KEYED NOTES

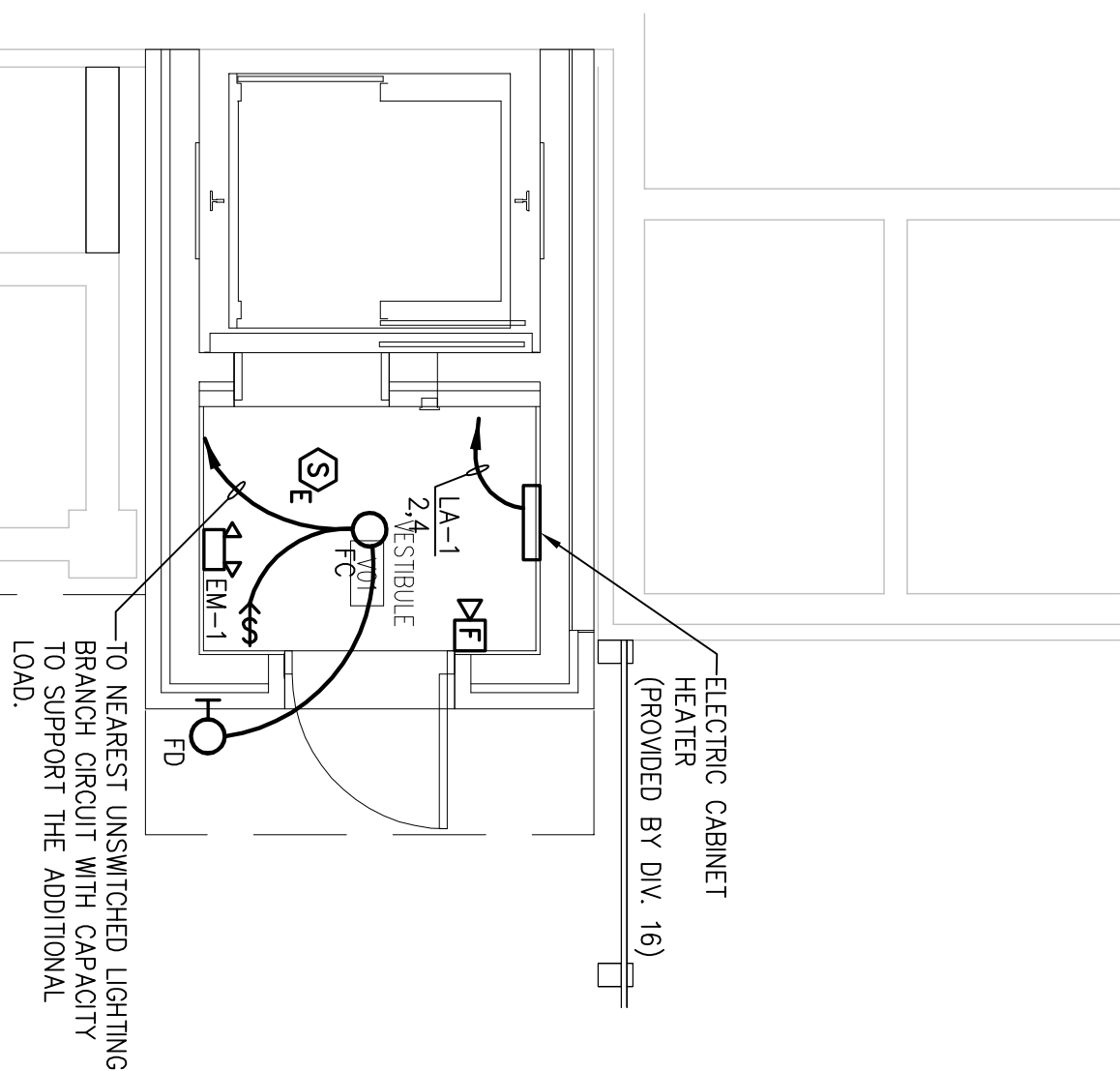
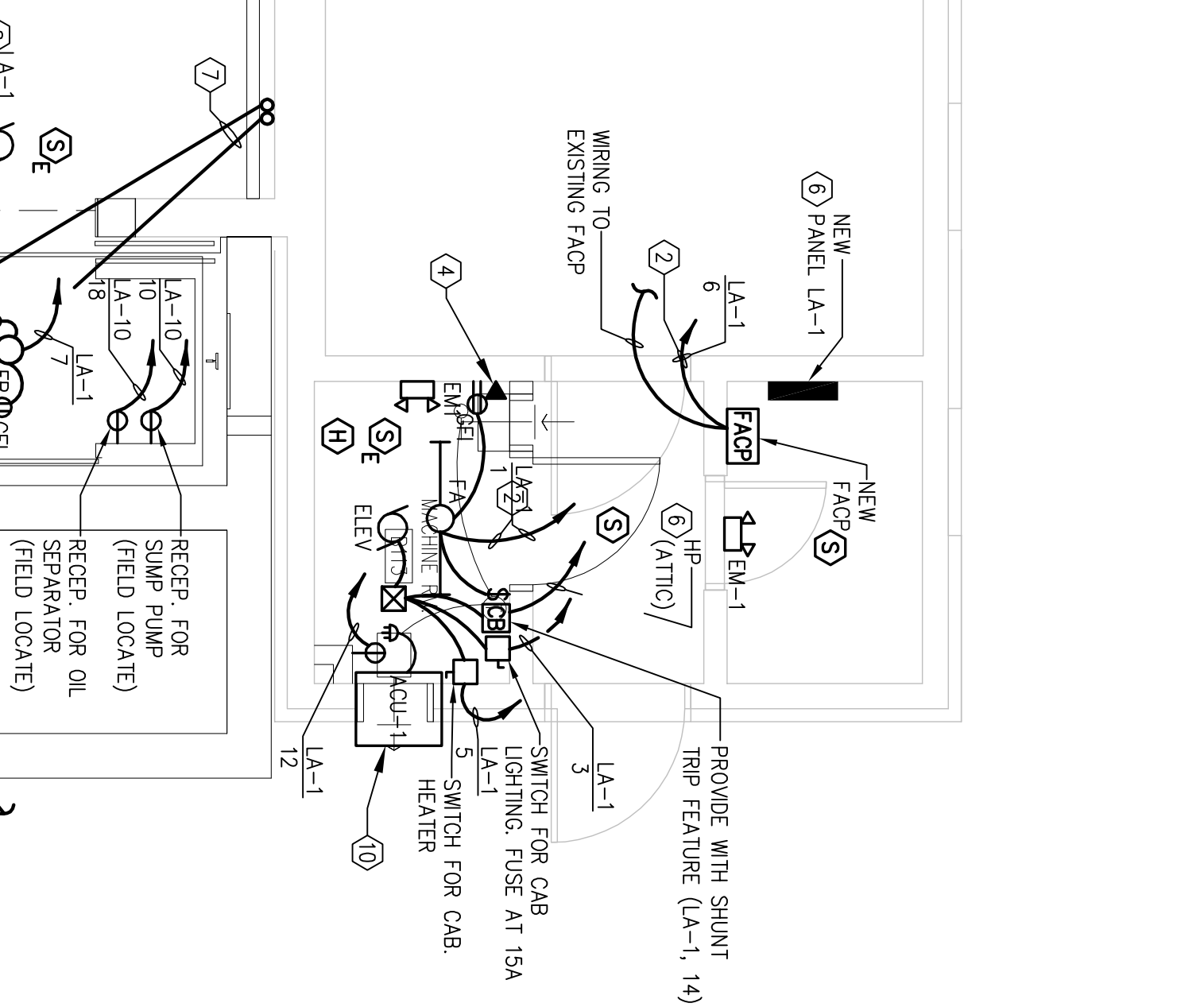
- ① EXISTING RECEPTACLE. REWORK EXISTING BRANCH CIRCUIT WIRING/CONDUIT TO OUTSIDE OF NEW WORK ZONE AND MAINTAIN POWER TO RECEPTACLES INDICATED.
- ② DISCONNECT AND REMOVE EXISTING LIGHT SWITCHES. REWORK BRANCH WIRING FOR USE IN NEW DESIGN. REMOVE ASSOCIATED BRANCH WIRING AND CONDUIT. RETAIN EXISTING BRANCH CIRCUIT FOR REUSE WITH NEW LIGHTING INSTALLATION.
- ③ REMOVE EXISTING LIGHTING FIXTURE. REWORK WIRING FOR USE IN NEW DESIGN.
- ④ REMOVE EXISTING LIGHT FIXTURES. RETAIN BRANCH CIRCUIT FOR FUTURE USE.
- ⑤ RELOCATE EXISTING BASEBOARD ELECTRIC HEAT AT PROPOSED NEW CONSTRUCTION (ANTICIPATED TO BE A 500 WATT UNIT). REWORK WIRING TO ALLOW THE RELOCATED UNIT AND THE UNIT INDICATED IN KEYED NOTE 8 TO REMAIN OPERATIONAL. INCLUDE ALL REQUIRED CONDUIT AND WIRE.
- ⑥ REMOVE EXISTING DUPLEX OUTLET AND REWORK CIRCUITRY TO ALLOW BALANCE OF OUTLETS TO REMAIN FUNCTIONAL. CONNECT TO NEW OUTLET SHOWN IN NOTE 4, DRAWING E104
- ⑦ REMOVE EXISTING SMOKE DETECTOR. INCLUDE MATERIAL AND LABOR TO KEEP BALANCE OF FIRE ALARM SYSTEM OPERATIONAL.
- ⑧ EXISTING BASEBOARD HEAT REMAINS. SEE NOTE 5
- ⑨ ASSURE THAT THE EXISTING ELECTRIC INSTALLATION IS MAINTAINED IN A SAFE OPERATING CONDITION IN ADJACENT AREAS DURING AND AFTER CONSTRUCTION WORK.



1
ED104 1/4" = 1'-0"

THIRD FLOOR PLAN- DEMO ⑨

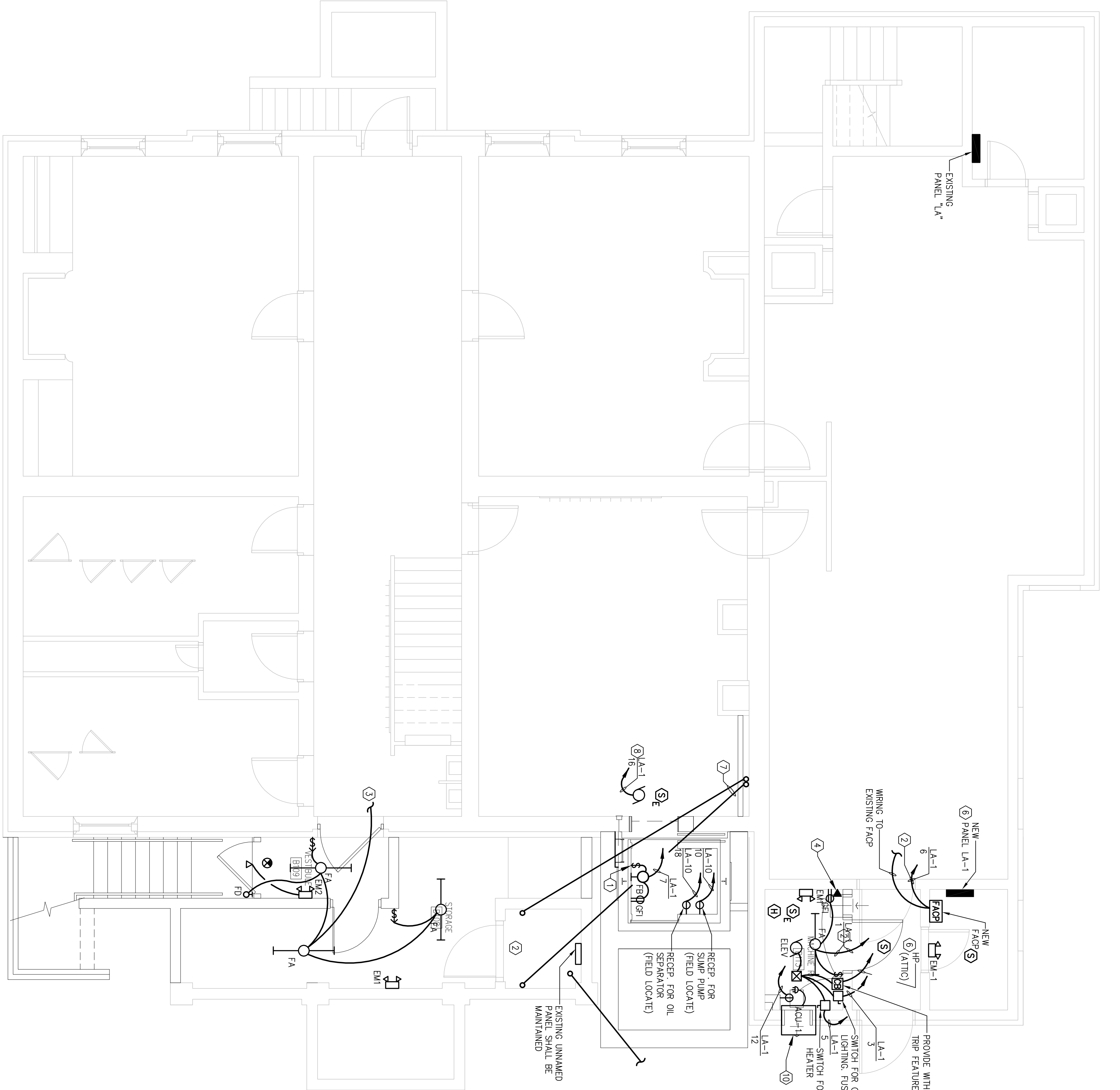
DESIGNED: DHD BGN	SUB SHEET NO. ED104	TITLE OF SHEET THIRD FLOOR ELECTRICAL REMOVAL PLAN INDEPENDENCE NATIONAL HISTORICAL PARK	DRAWING NO. _____ PMS/PKG NO. 1.353.1 SHEET 32 of 38
DATE: 10.18.06			



NEW E
1/4" = 1'-0"

① FIELD LOCATE SWITCH AT LADDER TO ELEVATOR PIT. CONNECT GFI TO UNSWITCHED LEG OF BRANCH CIRCUIT.

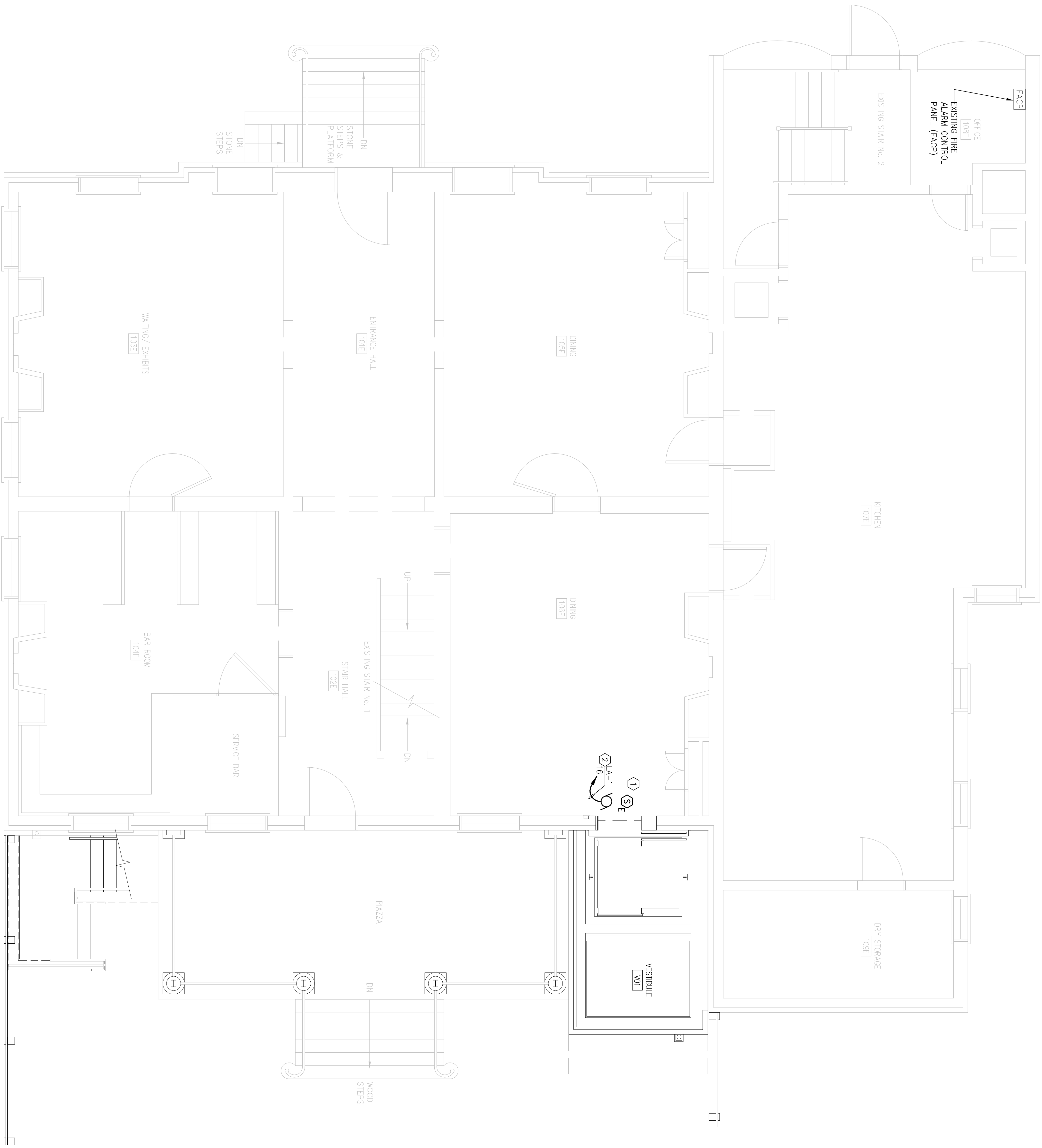
- ③ SLAB IS BEING REMOVED IN THIS ROOM AND REPLACED AFTER ELECTRICAL WORK IS COMPLETE. DIVISION 16 SHALL REMOVE EXISTING CONDUIT AND CONDUCTORS AND REPLACE WITH NEW. INCLUDE ALL CUTTING / PATCHING & WORK TO INSTALL NEW CONDUIT AND WIRE.
- ④ CONNECT TO EXISTING LIGHTING CIRCUIT USED FOR LIGHTING IN THIS AREA PRIOR TO REMOVALS.
- ⑤ PROVIDE TELEPHONE OUTLET FOR USE WITH ELEVATOR CAR. COMPOSITE INSTALLATION WITH ELEVATOR INSTALLER. PROVIDE CATEGORY 5 CABLE IN ENIT CONDUIT TO LOCAL TELECOM CLOSET AND CONNECT FOR PROPER OPERATION.
- ⑥ CONNECT ELU AND EXIT LIGHTS TO THE LIGHTING BRANCH CIRCUIT SERVING THIS AREA. ALL CONNECTIONS TO BE MADE AHEAD OF ALL CONTROL DEVICES.
- ⑦ SEE ONE LINE DIAGRAM / E201.
- ⑧ FIELD LOCATE NEW FEEDERS TO ATTIC TO CLEAR ELEVATOR INSTALLATION. SEE DEMOLITION DRAWINGS EDITION FOR ADDITIONAL INFORMATION.
- ⑨ SMOKE SHUTTER REQUIRES POWER FOR BATTERY CHARGER. ALLOW PROVIDE CONNECTION FROM LOCAL SMOKE DETECTOR THAT SHALL ALLOW SHUTTER TO FALL UPON DETECTION OF SMOKE. REFER TO 3/E201 FOR ADDITIONAL INFORMATION.
- ⑩ PROVIDE CB WITH AUXILIARY CONTACTS FOR INTERCONNECTION WITH ELEVATOR BATTERY LIFT DOWN SYSTEM. PROVIDE ALL MATERIALS AND APPURTENANCES FOR A COMPLETE AND OPERATIONAL SYSTEM.
- ⑪ PROVIDE THRU-THE-WALL A/C UNIT. FRIEDRICH MODEL W507A10CE. 7400 BTU/Hr. 115 VOLT/1 PHASE/ 60 Hz. 9.6 AMP. 7 AMP. .773 WATT. PROVIDE WITH WALL STAKE AND DRAIN KIT. INSTALL UNIT PER MANUFACTURERS RECOMMENDATIONS. REFER TO ARCHITECTURAL PLANS FOR ADDITIONAL INFORMATION.



CELLA
2
E101
1/4" = 1'-0"

DESIGNED: DHD	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
GRAPH		CELLAR AND NEW ENTRY	_____
BCN		ELECTRICAL PLANS	_____
TECH. REVIEW:		INDEPENDENCE NATIONAL HISTORICAL PARK	_____
DATE: 10.18.06	E101		PMS/PKG NO. 1353.1
			SHEET 33 OF 38

- KEYED NOTES**
- ① PROTECT EXISTING ELECTRICAL INSTALLATION THAT REMAINS DURING NEW CONSTRUCTION
- ② SMOKE SHUTTER REQUIRES POWER FOR BATTERY CHARGER. ALSO PROVIDE CONNECTION FROM LOCAL SMOKE DETECTOR THAT SHALL ALLOW SHUTTER TO FALL UPON DETECTION OF SMOKE. REFER TO 3/E201 FOR ADDITIONAL INFORMATION



FIRST FLOOR PLAN

1
E102 1/4" = 1'-0"

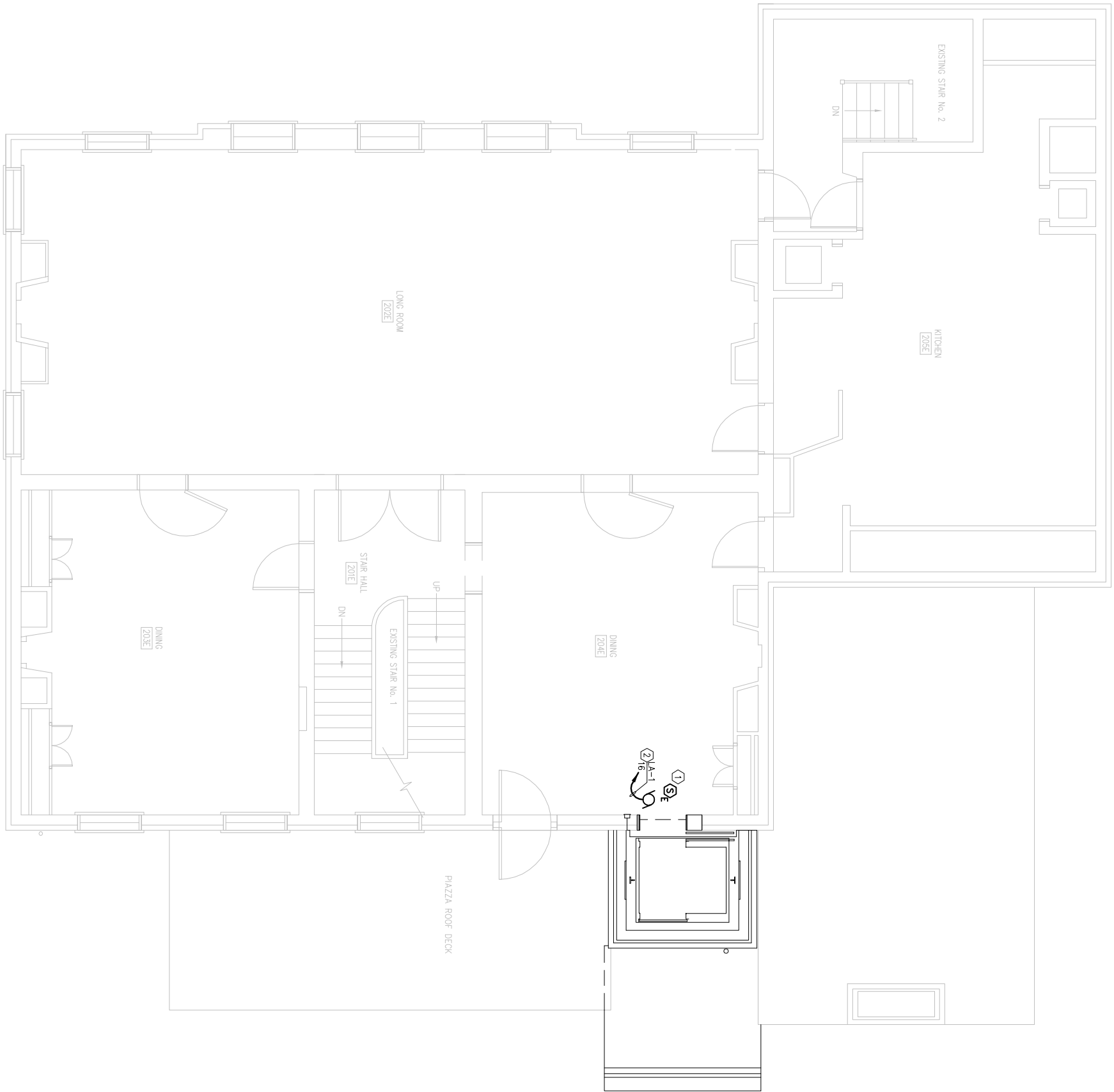
DESIGNED: DHD BGN	SUB SHEET NO.	TITLE OF SHEET FIRST FLOOR ELECTRICAL PLAN	DRAWING NO. —
TECH. REVIEW: DATE: 10.18.06	E102	INDEPENDENCE NATIONAL HISTORICAL PARK	PMS/PKG NO. 13531 SHEET 34 of 38

KEYED NOTES

① PROTECT EXISTING ELECTRICAL INSTALLATION THAT REMAINS

DURING NEW CONSTRUCTION

② SMOKE SHUTTERS REQUIRE POWER FOR BATTERY CHARGER. ALSO
SMOKE SHUTTERS REQUIRE POWER FOR SMOKE DETECTOR. ALSO
ALLOW SHUTTERS TO FALL UPON DETECTION OF SMOKE AFTER TO
5/1201 FOR ADDITIONAL INFORMATION.



SECOND FLOOR PLAN

1/4" = 1'-0"

ISSUED:		SHEET NO.	E103	PROJECT NO.	SECOND FLOOR ELECTRICAL PLAN INDEPENDENCE NATIONAL HISTORICAL PARK	DRAWING NO.
DATE	BY					
10.18.06	10.18.06					35 of 35

- ① EXISTING LIGHT FIXTURES SHALL REMAIN OPERATIONAL. IN THIS AREA, PROJECT DURING CONSTRUCTION, REWORK BRANCH CIRCUITS TO ACCOMMODATE NEW CONSTRUCTION.
- ② CONNECT TO EXISTING LIGHTING BRANCH CIRCUIT PRESENT PRIOR TO REMOVALS.
- ③ CONNECT ELU AND EXIT LIGHTS TO THE LIGHTING BRANCH CIRCUIT SERVING THIS AREA. ALL CONNECTIONS TO BE MADE AHEAD OF ALL CONTROL DEVICES.
- ④ PROVIDE CONNECTION TO EXISTING RECEPTACLE CIRCUIT. (SEE NOTE 6 ON DEMOLITION DRAWING ED104).
- ⑤ SMOKE SHUTTER REQUIRES POWER FOR BATTERY CHARGER. ALSO PROVIDE CONNECTION FROM LOCAL SMOKE DETECTOR THAT SHALL ALLOW SHUTTER TO FALL UPON DETECTION OF SMOKE. REFER TO 3/E201 FOR ADDITIONAL INFORMATION.



THIRD
1
E104
1/4" = 1'-0"

DESIGNED:	DHD	SUB SHEET NO. <div style="text-align: center;"> <h1>E104</h1> <h2>THIRD FLOOR ELECTRICAL PLAN</h2> <p>INDEPENDENCE NATIONAL HISTORICAL PARK</p> </div>	DRAWING NO. <div style="text-align: center;"> <h1>36 of 38</h1> <p>SHEET</p> </div>
BY:	(SAB)		
TECH. REVIEW:	BGN		
DATE:	10.18.06		

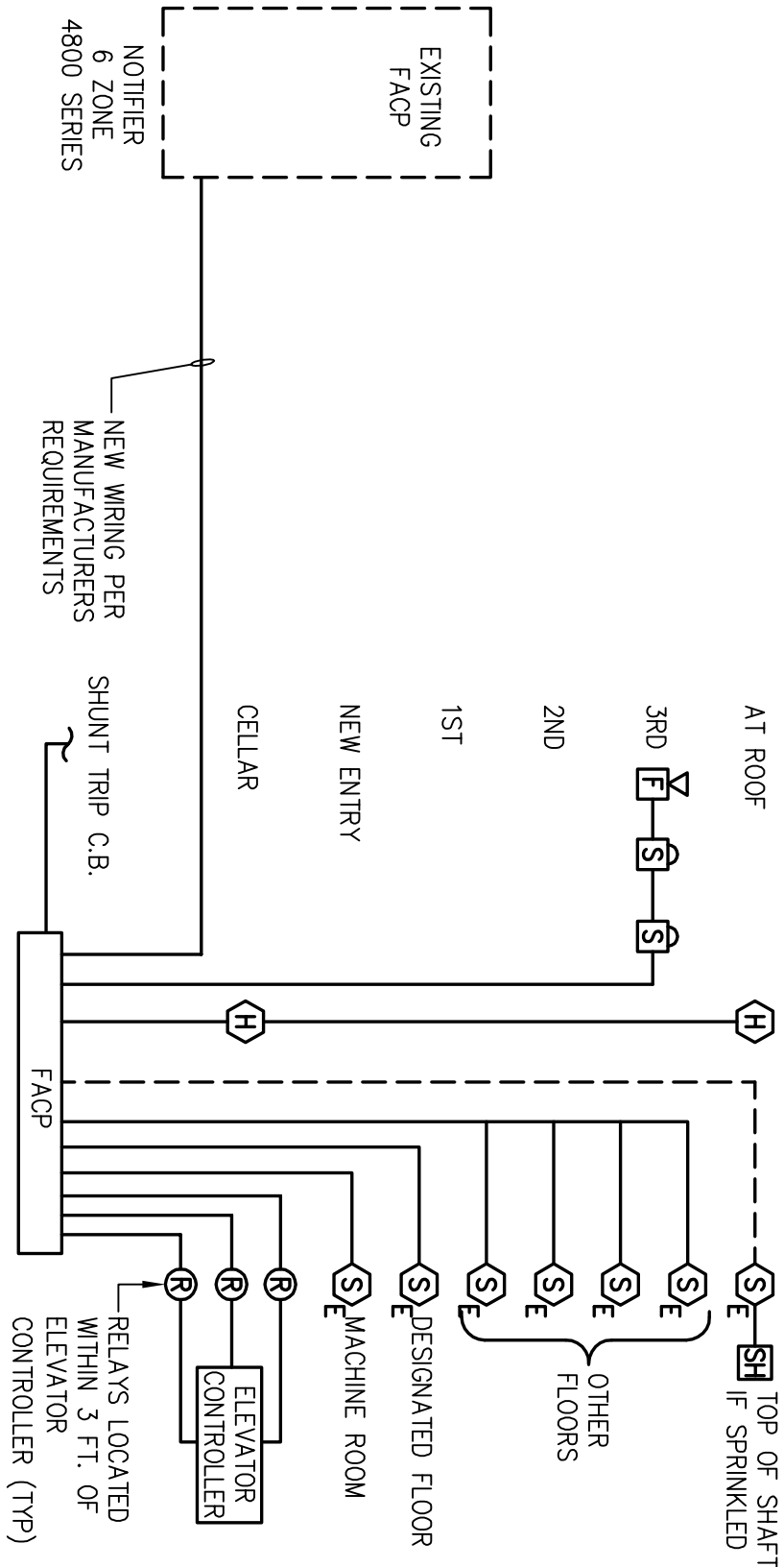
KEYED NOTES

- ① PROVIDE NEW 100 AMP, 3 POLE CIRCUIT BREAKER IN EXISTING DISTRIBUTION PANEL "GP".
- ② PROVIDE 3#2, 1#9G-1 1/4" C. TO NEW ELEVATOR MOTOR VIA THE SHUNT TRIP CIRCUIT BREAKER AND CONTROLLER. PROVIDE ALL MATERIALS AND CONNECTIONS FOR A COMPLETE AND OPERATIONAL SYSTEM. (VERIFY ELEVATOR HP PRIOR TO INSTALLATION)
- ③ REWORK EXISTING FEEDERS / METERING CONDUITS W/ CONDUCTORS AS OUTLINED ON DRAWING ED101.
- ④ REWORK 100A FEED TO ACCOMMODATE NEW CONSTRUCTION.
- ⑤ PROVIDE 60A/3P CIRCUIT BREAKER IN EXISTING PANEL "LA". RELOCATE EXISTING BRANCH CIRCUITS AS NECESSARY TO NEW PANEL "LA-1" TO ACCOMMODATE INSTALLATION OF ALL AFFECTED, EXTEND EXISTING CONDUIT AND CONDUCTORS OF ALL AFFECTED BRANCH CIRCUITS TO NEW PANEL. PROVIDE CIRCUIT BREAKERS IN "LA-1" TO MATCH THE EXISTING BRANCH CIRCUITS AND CONNECT. PROVIDE ALL MATERIALS AND APPURTENANCES FOR A COMPLETE AND OPERATIONAL SYSTEM.
- ⑥ REFER TO PANEL SCHEDULE FOR ADDITIONAL INFORMATION.

LIGHTING FIXTURE SCHEDULE						
TAG	TYPE	DESCRIPTION	MOUNTING	CEILING TYPE	VOLTS	LAMPS
						MANUFACTURER
FA	FLUOR.	4" LONG HEAVY-DUTY INDUSTRIAL 10% UPLIGHT DIE-CAST STEEL WITH WIRE GUARD	SURFACE / CHAIN AT 8'-0" AFF	-	120	(2)F32T8 COLUMBA METALUX
FB	FLUOR.	VAPORITE STYLE ENCLOSED / GASCECT FLUOR. FUTURE, CORROSION RESISTANT CLEAR GLASS GLOBE, W/GUARD	SURFACE WALL	-	120	(1)F40 13W GUTH - JPM SERIES GROSS HANDS
FC	FLUOR.	6" RECESSED COMPACT FLUORESCENT DOWNLIGHT OPEN REFLECTOR, HORIZONTAL LAMP, SPECULAR CLEAR REFLECTOR.	RECESSED CEILING	LAY-IN	120	(2)F32T8 COLUMBA METALUX
FD		TO BE DETERMINED BY ARCHITECT ALLOW \$500 EA - MATERIAL ONLY CONTRACTOR SHALL ALSO INCLUDE LABOR				
FE	FLUOR.	4'-0" WALL BRACKET FLUORESCENT FUTURE DAMP LOCATION RATED, HIGH IMPACT ACRYLIC DIFFUSER, UP-DOWN LIGHT	SURFACE	-	120	(2)F32T8 COLUMBA METALUX
EX	LED	DIE-CAST ALUMINUM EXIT SIGN UNIVERSAL MOUNT, SELF DIAGNOSTIC N-CAD BATTERY - 1 1/2 HR OPERATION	UNIVERSAL WALL	DRYWALL AND LAT-IN	120	LITHONIA - SIGNATURE SERIES PRESCOUTE METALUX
EM1	INC.	CONTEMPORARY THERMOPLASTIC EMERGENCY LIGHTING UNITS, MAINTENANCE FREE, LEAD-CALCIUM BATTERY, W/ SELF DIAGNOSTICS OPTION	SURFACE WALL	-	120	(2)F54W LITHONIA - ELW2 SERIES CHLORIDE PRESCOUTE
EM2	INC.	CONTEMPORARY THERMOPLASTIC EMERGENCY LIGHTING UNITS, MAINTENANCE FREE, LEAD-CALCIUM BATTERY, W/ SELF DIAGNOSTICS OPTION AND INCREASED CAPACITY FOR REMOTE HEADS	SURFACE WALL	-	120	(2)9W LITHONIA - ELW27 SERIES CHLORIDE PRESCOUTE
▽	INC.	REMOTE HEAD FOR EM* UNIT	SURFACE	-	6V	LITHONIA - ELA SERIES COLUMBA METALUX

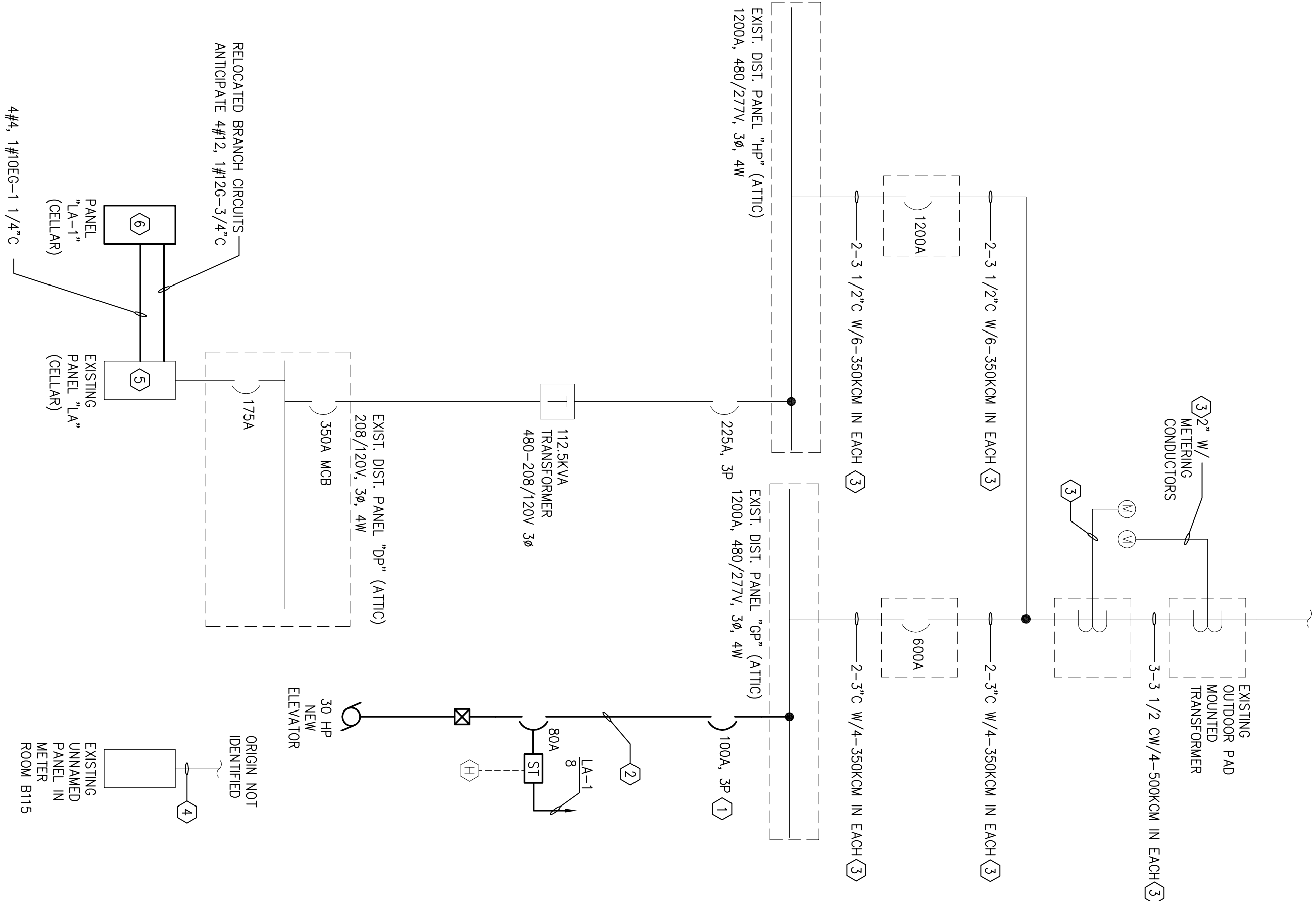
PANEL LA-1									
LOCATION B114		208/120V, 3# 4 WIRE, 100 AMP BUS		MOUNTING: <input checked="" type="checkbox"/> SURFACE <input type="checkbox"/> FLUSH					
A.L.C. RATING 10,000		<input checked="" type="checkbox"/> M.L.O. <input type="checkbox"/> MAIN CKT. BKR. A.		WITH GROUNDING BUS					
CONN. CKT. LOAD KVA	LOAD DESCRIPTION	WIRE SIZE	CIRCUIT BREAKER POLE	PHASE	WIRE SIZE	LOAD DESCRIPTION	CONN. LOAD CKT		
1 0.3	BT13 LIGHT & RECP.	12 20/1	↑		20/2	12 CABINET HEATER	1.0 2		
3 0.5	CAB HEAT	12 20/1	↑		↑	↑	1.0 4		
3 0.5	CAB HEAT	12 20/1	↑		20/1	12 FACP (NEW) *	0.5 6		
7 0.2	PIT LIGHT & RECP.	12 20/1	↑		20/1	12 SHUNT TRIP *	0.1 8		
9 1.0	EXISTING CIRCUIT (RELOCATED)	12 20/1	↑		20/1	12 RECP. FOR SUMP PUMP	0.1 10		
11 1.0	EXISTING CIRCUIT (RELOCATED)	12 20/1	↑		20/1	12 RECP. FOR AC-1 UNIT	0.8 12		
13 1.0	EXISTING CIRCUIT (RELOCATED)	12 20/1	↑		20/1	SPARE	- 14		
15 -	SPARE	12 20/1	↑		20/1	12 SMOKE SHUTTER	0.1 16		
17 -	SPARE	12 20/1	↑		20/1	12 OIL SEPARATOR	0.2 18		
19	SPACE W/ BUSSING	12 20/1	↑		20/1	SPARE	- 20		
21		↑			20/1	SPARE	- 22		
23		↑			20/1	SPARE	- 24		
25		↑			20/1	SPACE W/ BUSSING	- 26		
27		↑					28		
29		↑					30		
TOTAL CONNECTED LOAD =							KVA		

* PROVIDE MANUFACTURER APPROVED LOCK OFF DEVICE



PARTIAL FIRE ALARM RISER DIAGRAM

1
E201 1/4" = 1'-0"

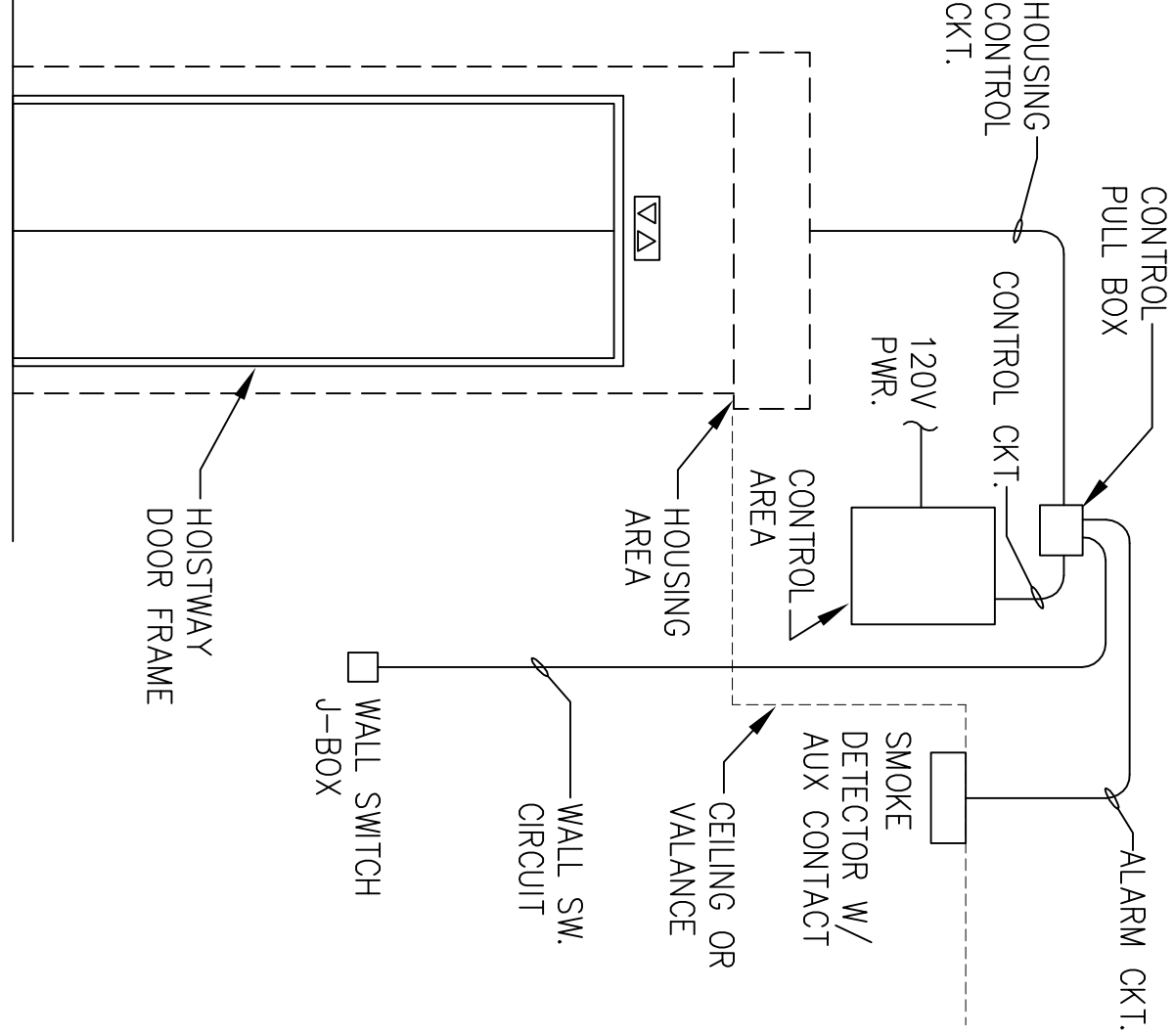


PARTIAL ONE LINE DIAGRAM

2
E201 1/4" = 1'-0"

SMOKE CURTAIN RISER

3
E201 1/4" = 1'-0"



DESIGNED: DHD	SUB SHEET NO.	TITLE OF SHEET ONE LINE DIAGRAM, FA RISER, SCHEDULES & DETAILS INDEPENDENCE NATIONAL HISTORICAL PARK	DRAWING NO.
BGN	E201	PMS/PKG NO. 1.353.1	SHEET 37 of 38
TECH. REVIEW:			
DATE: 10.18.06			