

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

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PMS 13531

PRIME / A/E:
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Architecture & Engineering, P.C.
412 Broadway
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RECOMMENDED: Project Manager _____ Date _____

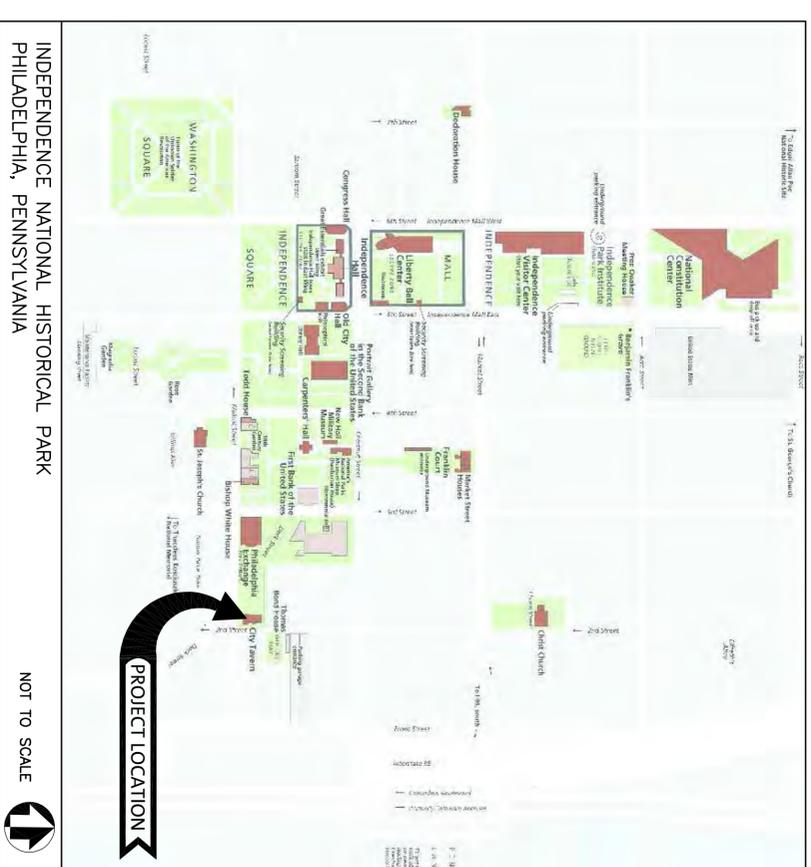
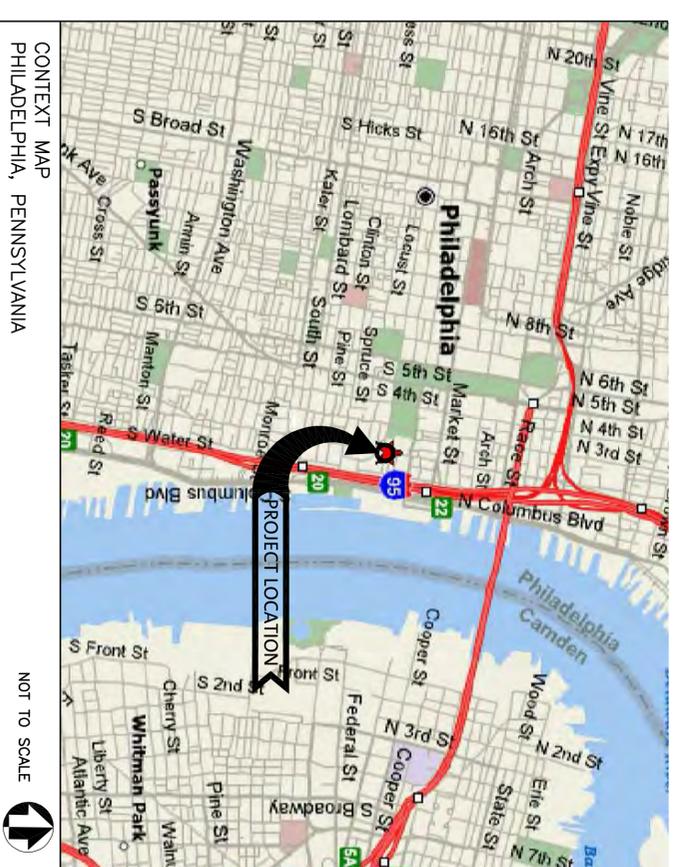
APPROVED: Superintendent _____ Date _____



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



AAF	ABOVE ACCESS FLOOR	DO	DOOR OPENING	JAN	JANITOR'S CLOSET	RL	RAIN LEADER
ABV	ABOVE	DOM	DOMESTIC	JB	JUNCTION BOX	RE	RELOCATED EXISTING
ACCS	ACCESSIBLE	DR	DOOR	JC	JANITOR'S CLOSET	RM	ROOM
ACOUS	ACOUSTICAL	DEN	DRAIN	JOH	JAMB OPENING HEIGHT	RND	ROUND
ACT	ACTUAL CEILING TILE	DS	DOWNSPOUT	JOW	JAMB OPENING WIDTH	RO	ROUGH OPENING
AD	AREA DRAIN ACCESS DOOR	DW	DISHWASHER	JST	JOIST	RU	ROUGH TOP UNIT
ADJ	ADJACENT	DWS	DRAWING	JT	JOINT	SC	SOLID CORE
AFL	ABOVE FINISHED FLOOR	EA	EACH	KG	KILOGRAMS	SCHED	SCHEDULE(D)
AGGR	AGGREGATE	FF	EXHAUST FAN	LA	LABORATORY	SEAL	SEALANT
AHU	AIR HANDLING UNIT	END	ELECTRIC HAND DRYER	LAB	LENGTH, LONG	SECT	SECTION
ALT	ALTERNATE	EPS	ELECTRIC INSULATION	LAM	LABORATORY	SF	SAFETY FOOT
ALUM	ALUMINUM	ETS	FINISH SYSTEM	LAV	LAVATORY	SG	SAFETY GLASS
ANOD	ANODIZED	EJ	EXPANSION JOINT	LAV	LAVATORY	SHT	SHEET
AP	ACCESS PANEL	EL	ELEVATION	LB	LBS. POUND(S)	SIM	SIMILAR
APPR	APPROVED	ELEC	ELECTRICAL	LCC	LEAD COATED COPPER	SOG	SLAB ON GRADE
APPROX	APPROXIMATE	ELEV	ELEVATOR	LD	LEAD COATED COPPER	SP	SUMP PUMP
ARCH	ARCHITECTURE(JURAL)	EMER	EMERGENCY	LDG	LANDING	SPEC	SPECIFICATION(S)
AS	ABOVE SLAB	ENCL	ENCLOSURE	LF	LINEAR FEET	SO	SQUARE
ASPH	ASPHALT	ENCL	ENCLOSURE	LN	LINEN	SS	STAINLESS STEEL
AUTO	AUTOMATIC	EP	ELECTRICAL PANEL BOARD	LL	LIVE LOAD	SSM	SOLID SURFACE MATERIAL
AUX	AUXILIARY	EQ	ELECTRICAL PANEL BOARD	LLH	LONG LEG HORIZONTAL	ST	STORM WATER
AVG	AVERAGE	EQT	EQUIPMENT	LLV	LONG LEG VERTICAL	STD	STANDARD
B/C	BOTTOM OF CURB	EST	ESTIMATE	LP	LOW POINT	STL	STEEL
BALC	BALCONY	ETR	EXISTING TO REMAIN	LTG	LIGHTING	STOR	STORAGE
BD	BOARD	ETRD	EXISTING TO BE REMOVED	M	METER	STRUC	STRUCTURAL
BEL	BELOW	ETRL	EXISTING TO BE RELOCATED	MATL	MATERIAL	SUSP	SUSPENDED
BET	BETWEEN	EVAP	EVAPORATING(ING,ED,OR)	MAX	MAXIMUM	SW	SWITCH
BKBD	BACKBOARD	EW	EACH WAY	MECH	MECHANIC(AL)	T	TREAD
BLGD	BUILDING	EMC	ELECTRICAL WATER COOLER	MEMB	MEMBRANE	T&B	TOP AND BOTTOM
BLKG	BLOCKING	EKH	EXISTING	MFR	MANUFACTURER	T&G	TOP AND GROOVE
BLKHD	BULKHEAD	EXIST	EXISTING	MH	MANHOLE	T/C	TOP OF CURB
BM	BEAM	EXP	EXPANSION	MIN	MICROWAVE OVER	T/F	TOP OF FRAME
BOT	BOTTOM	EXT	EXTERIOR	MM	MILLIMETER	T/S	TOP OF STEEL
BRG	BEARING	FAI	FRESH AIR INTAKE	MO	MO	TC	TERNE COATED
BRK	BRICK	FB	FLOOR BACKED	MTD	MOUNTED	TEL	TELEPHONE
BRKT	BRACKET	FD	FLOOR DRAIN	MWG	MOUNTING	TEMP	TEMPERATURE
BSMT	BASEMENT	FEN	FOUNDATION	MTL	METAL	TER	TERRAZO
BUR	BUILT-UP ROOF	FE	FIRE EXTINGUISHER CABINET	MTR	MOTOR	THD	THREAD(ED)
BYD	BEYOND	FEK	FIRE EXTINGUISHER CABINET	N	NORTH	THK	THICK(NESS)
C	CONDUIT	FF	FRESH AIR INTAKE	NIC	NOT IN CONTRACT	THRU	THROUGH
CAB	CABINET	FFH	FIRE HYDRANT	NO.	NUMBER	TO	TOP OF
CAP	CAPACITY	FIG	FIGURE	NOM	NOMINAL	TOC	TOP OF CURB
CAT	CATALOG	FIN	FINISH FLOOR	NOM	NOMINAL	TOL	TOILET
CB	CATCH BASIN	FIXT	FIXTURE	NPS	NOT TO SCALE	TOS	TOP OF SLAB
CEM	CEMENT	FL	FLOOR	OA	OVERALL	TOT	TOTAL
CF	CUBIC FOOT	FLUOR	FLUORESCENT	OC	ON CENTER	TOW	TOP OF WALL
CI	CAST IRON	FOB	FACE OF BRICK	OD	OUTSIDE DIAMETER	TS	TUBULAR STEEL
CIJ	CONTROL JOINT	FOC	FACE OF CONCRETE	OH	OVERHEAD	TV	TELEVISION
CLG	CEILING	FPWH	FREEZE PROOF WALL	OPB	OPENING	TP	TYPICAL
CLL	CONTRACT LIMIT LINE	FRT	FIRE RETARDANT	OPP	OPPOSITE	UC	UNDERCUT
CLS	CLOSET	FT	TREATED(MENT)	OZ	OUNCE	UG	UNDERGROUND
CLR	CLEAR(ANCE)	FTG	FOOTING	PAR	PARALLEL	UH	UNIT HEATER
CMU	CONCRETE MASONRY UNIT	GA	GRAMS	P	POLE	UL	UNDERWRITERS LABORATORIES
CO	CLEAN OUT	GAL	GALLON	P/F	PULLBOX	UNF	UNFINISHED
COL	COLUMN	GALV	GALVANIZED	PD	PRE-FINISHED	UN	UNLESS OTHERWISE NOTED
COLC	CONCRETE	GL	GLASS, GLAZING	PH	PRESSURE DROP	UPS	UNINTERRUPTABLE
COND	CONDENS(ATE,ER,ING,ATION)	GND	GROUND	PIL	PILASTER	UR	UTILITY
CONF	CONFERENCE	GPA	GYPNUM WALL BOARD	PL	PLATE	UTL	UTILITY
CONN	CONNECTION	H	HIGH	PLAM	PLASTIC LAMINATE	VB	VNVL BASE
CONST	CONSTRUCTION	HB	HOSE BIBB	PLAS	PLASTER	VCT	VNVL COMPOSITION TILE
CONT	CONTINU(OUS,ATION)	HG	HOLLOW CORE	PLY	PLYWOOD	VERT	VERTICAL
CONTR	CONTRACTOR	HOR	HORIZONTAL	PLYWD	PLYWOOD	VEST	VESTIBULE
COORD	COORDINATE	HRC	HEADER	POLY	POLYSOCYANURATE	VIF	VERIFY IN FIELD
CORR	CORRIDOR	HRW	HARDWARE	POLY	POLYSOCYANURATE	VIN	VNVL
CORR	CORRIDOR	HOW	HARDWARE	PPR	PRESSURE	VOL	VOLUME
CPS	CARPET	HWD	HARDWOOD	PSI	POUNDS PER SQUARE FOOT	VT	VAPOR TIGHT
CRT	CERAMIC TILE	HWM	HARDWOOD	PT	POUNDS PER SQUARE INCH	VTR	VENT THROUGH ROOF
CT	CERAMIC TILE	HXR	HOT WATER RETURN	PTD	PRESSURE TREATED	VWC	VNVL WALL COVERING
CW	COLD WATER	HP	HORIZONTAL	PTN	PAINT(ED)	W	WIDE FLANGE STRUCTURAL
CWR	COLD WATER RETURN	HR	HOUR	PVC	PARTITION	W	WIDE FLANGE STRUCTURAL
CY	CUBIC YARD	HRT	HIGH POINT	PMR	POLYVNYL CHLORIDE	W	STEEL SHAPE
D	DRAIN	HTR	HOUR	QTY	QUANTITY	W	WIDE, WIDTH
DBL	DOUBLE	HTR	HEATING	QT	QUARRY TILE	W/	WITH
DETS	DIRECT APPLIED EXTERIOR	HTR	HEATING	QTY	QUANTITY	W/D	WASHER/DRYER
DEMO	DEMOLISH	HTR	HEATING	QTY	QUANTITY	W/O	WITHOUT
DEPT	DEPARTMENT	HTR	HEATING	QTY	QUANTITY	WC	WATER CLOSET
DET	DETAIL	HTR	HEATING	QTY	QUANTITY	WD	WOOD
DF	DRINKING FOUNTAIN	HTR	HEATING	QTY	QUANTITY	WP	WATERPROOF WORKING POINT
DI	DROP INLET	HTR	HEATING	QTY	QUANTITY	WO	WINDOW OPENING
DIA	DIAMETER	HTR	HEATING	QTY	QUANTITY	WSC	WAINSCOT
DIAG	DIAGONAL	HTR	HEATING	QTY	QUANTITY	WTF	WELDED WIRE FABRIC
DIM	DIMENSION	HTR	HEATING	QTY	QUANTITY	YD	YARD
DISC	DISCONNECT	HTR	HEATING	QTY	QUANTITY		
DISCH	DISCHARGE	HTR	HEATING	QTY	QUANTITY		
DISP	DISTRIBUTION	HTR	HEATING	QTY	QUANTITY		
DIV	DIVISION	HTR	HEATING	QTY	QUANTITY		
DL	DEAD LOAD	HTR	HEATING	QTY	QUANTITY		
DN	DOWN	HTR	HEATING	QTY	QUANTITY		

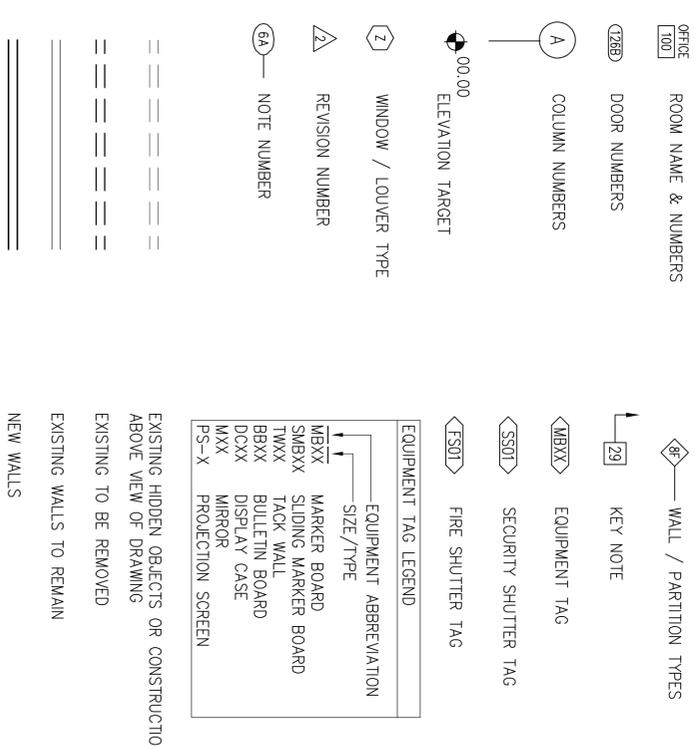
3 ABBREVIATIONS

NO SCALE

- GENERAL NOTES ARE TYPICAL FOR ALL DRAWINGS.
- THESE DRAWINGS ARE PREPARED AND COORDINATED WITH THE PROJECT MANUAL WHICH INCLUDES TECHNICAL SPECIFICATIONS. TOGETHER THESE FORM THE CONSTRUCTION DOCUMENTS.
- EXISTING CONDITIONS NOTED ARE AS OF SITE INVESTIGATION. THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS PRIOR TO BEGINNING WORK. ANY DISCREPANCY BETWEEN CONSTRUCTION DOCUMENTS AND ACTUAL CONDITIONS SHALL BE COORDINATED AND RESOLVED BY THE CONTR.
- DO NOT SCALE DRAWINGS. USE FIGURED DIMENSIONS. NOTIFY THE ARCHITECT OF MISSING DIMENSIONS OR DISCREPANCIES AND GET RESOLUTION BEFORE PROCEEDING WITH THE WORK.
- ALL DIMENSIONS ARE TO FACE OF STUD, FACE OF CONCRETE/MASONRY OR COLUMN CENTER LINES, UNLESS NOTED OTHERWISE.
- THE CONTRACTOR SHALL VERIFY IN THE FIELD ALL DIMENSIONS. DIMENSIONS NOTED "CLEAR" ARE NOT TO BE AUSTED WITHOUT APPROVAL OF ARCHITECT/ENGINEER ALL DIMENSIONS ARE IN FEET AND INCHES.
- THE CONTRACTOR SHALL INSTALL ALL OWNER FURNISHED EQUIPMENT ACCORDING TO MANUFACTURERS' INSTRUCTIONS.
- THE CONTRACTOR SHALL FULLY COORDINATE ALL ARCHITECTURAL, ELECTRICAL, STRUCTURAL AND SITE CIVIL WORK.
- THE CONTRACTOR SHALL LOCATE ALL EXISTING UTILITIES AND SERVICES PRIOR TO START OF WORK.
- THE CONTRACTOR SHALL PROTECT FROM DAMAGE ALL ADJACENT AREAS AND PROPERTIES AT HIS EXPENSE, SUCH AS LANDSCAPING AND EXTERIOR & INTERIOR BUILDING SURFACES.
- REPAIR AND PATCH ALL EXISTING SURFACES DAMAGED BY SELECTIVE DEMOLITION TO MATCH EXISTING ADJACENT SURFACE MATERIALS AND FINISH.
- AT ALL EXISTING SURFACES TO REMAIN, FULLY REPAIR AND PREPARE SURFACE TO RECEIVE NEW FINISHES. (FILL HOLES, REPAIR CRACKS, ETC.).
- THE CONTRACTOR SHALL PROVIDE ALL NECESSARY SITE WORK PREPARATION. THE CONTRACTOR SHALL COORDINATE ALL WORK WITH THE NATIONAL PARK SERVICE (NPS) PRIOR TO COMMENCING.
- THE CONTRACTOR SHALL PROVIDE ALL REFERENCED UTILITY CONNECTIONS. THE CONTRACTOR SHALL PROVIDE ALL WORK IN COMPLIANCE WITH APPLICABLE CODES.
- ITEMS OF SALVAGEABLE VALUE SHALL REMAIN THE PROPERTY OF THE OWNER.

2 GENERAL NOTES

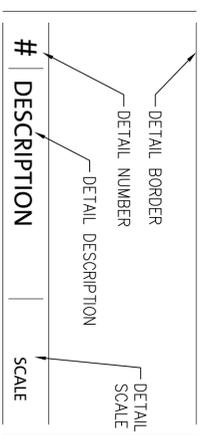
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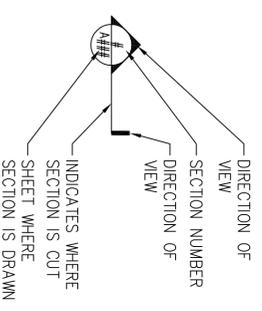
1 DRAWING KEY

NO SCALE

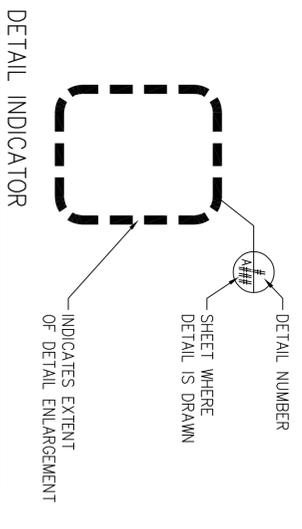
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DATE: 10.06.06	A001	GENERAL NOTES, & DRAWING KEYS	13531
		INDEPENDENCE NATIONAL HISTORICAL PARK	SHEET 2 of 37



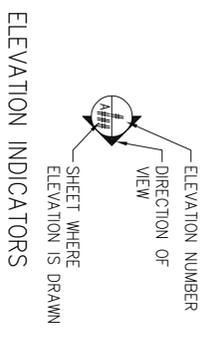
DETAIL TITLE ON DETAIL DRAWING



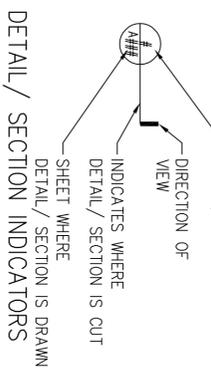
SECTION INDICATOR



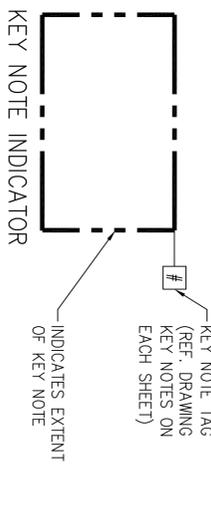
DETAIL INDICATOR



ELEVATION INDICATORS



DETAIL / SECTION INDICATORS



KEY NOTE INDICATOR

2 | DRAWING TAG KEY

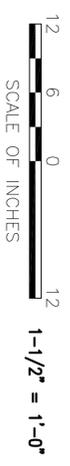
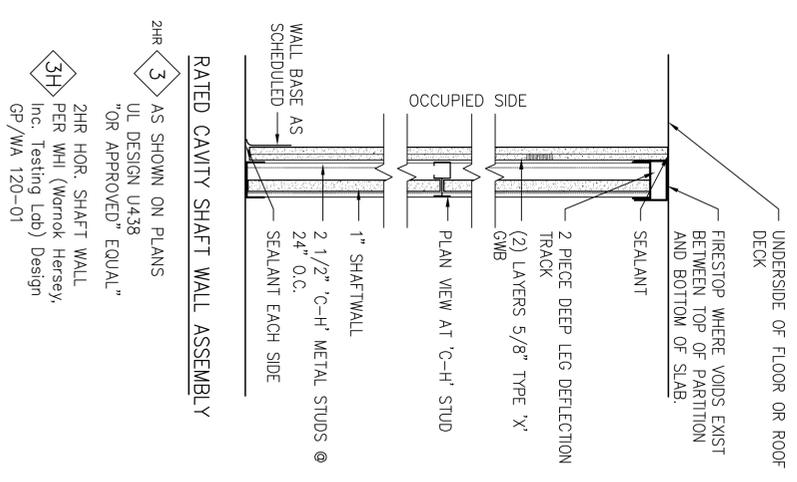
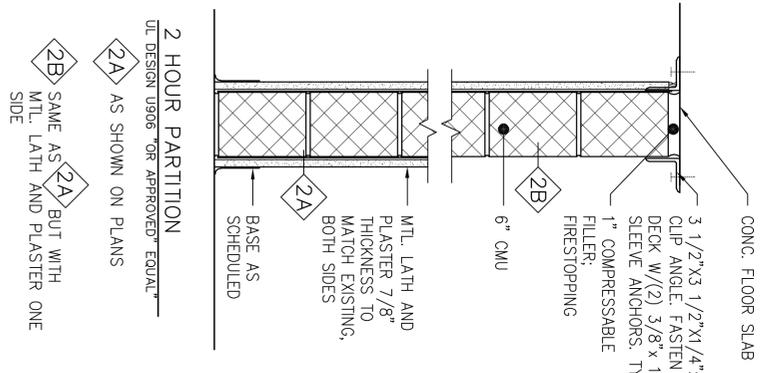
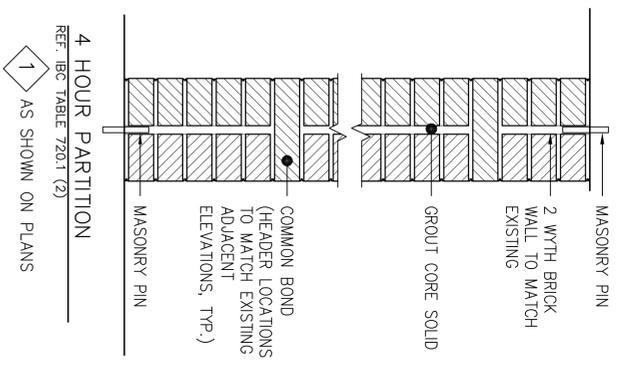
NO SCALE

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

4 | HATCH KEY

NO SCALE

1 | PARTITION TYPES



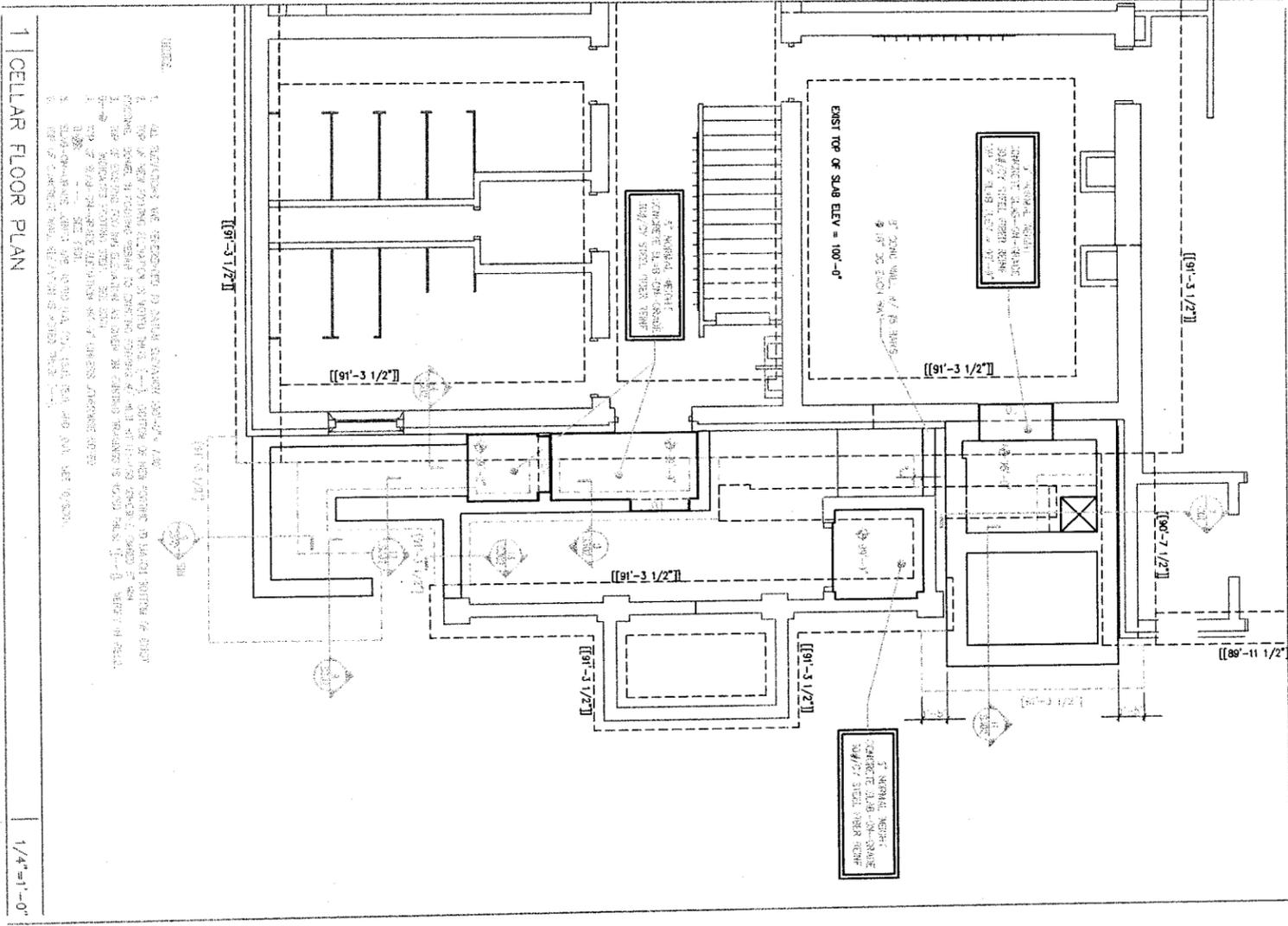
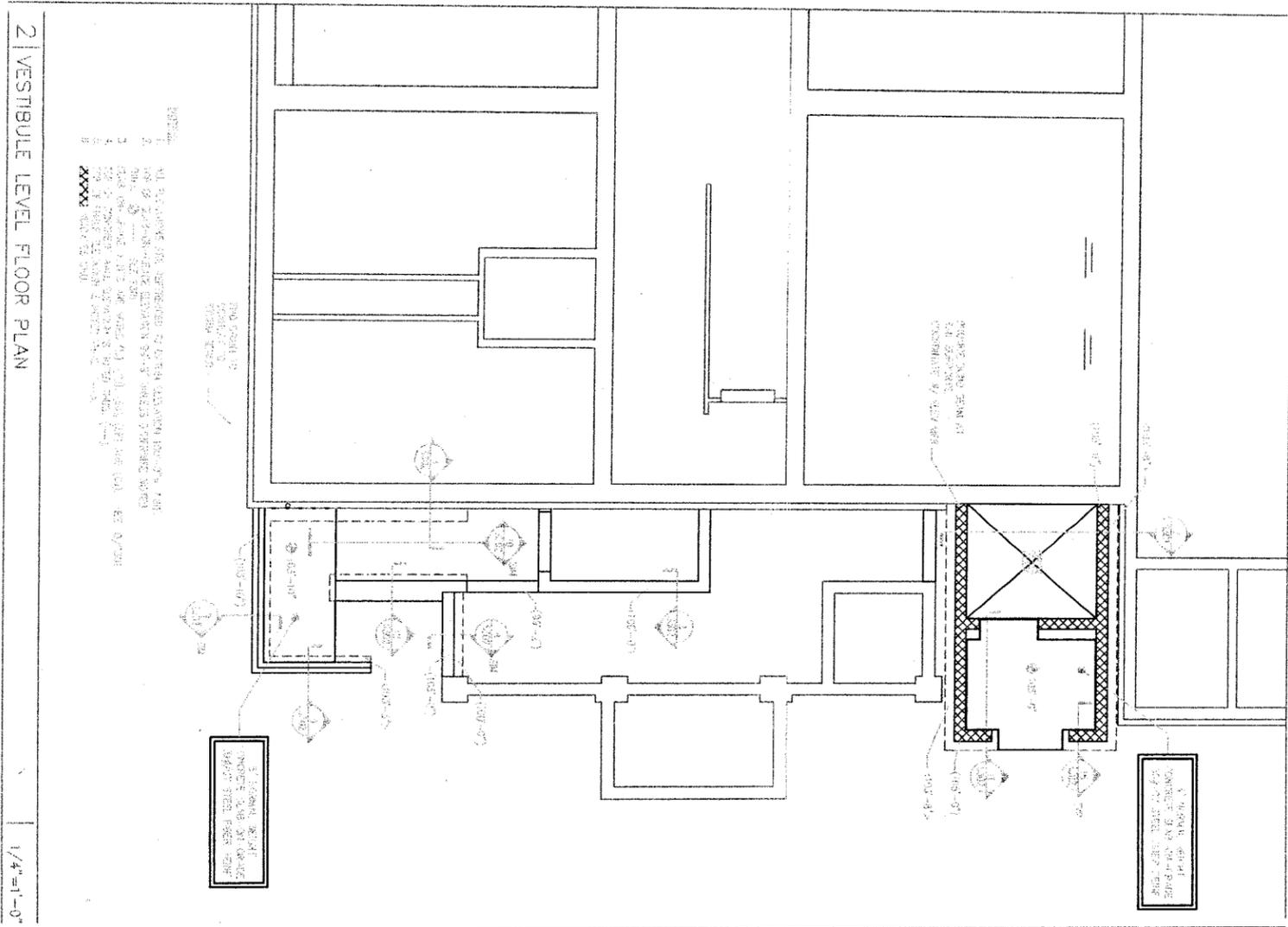
DESIGNED:	
TECH. REVIEW:	RHB
DATE:	10.06.06

SUB SHEET NO.
A002

TITLE OF SHEET
PARTITION TYPES & DRAWING KEYS

INDEPENDENCE NATIONAL HISTORICAL PARK

DRAWING NO.
PMS/PKG NO. 13531
SHEET 3 OF 37



- NOTES:
1. ALL DIMENSIONS ARE INDICATED BY DIMENSION LINES UNLESS OTHERWISE NOTED.
 2. FINISH FLOOR ELEVATION IS 100'-0\"/>

2 VESTIBULE LEVEL FLOOR PLAN 1/4"=1'-0"

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

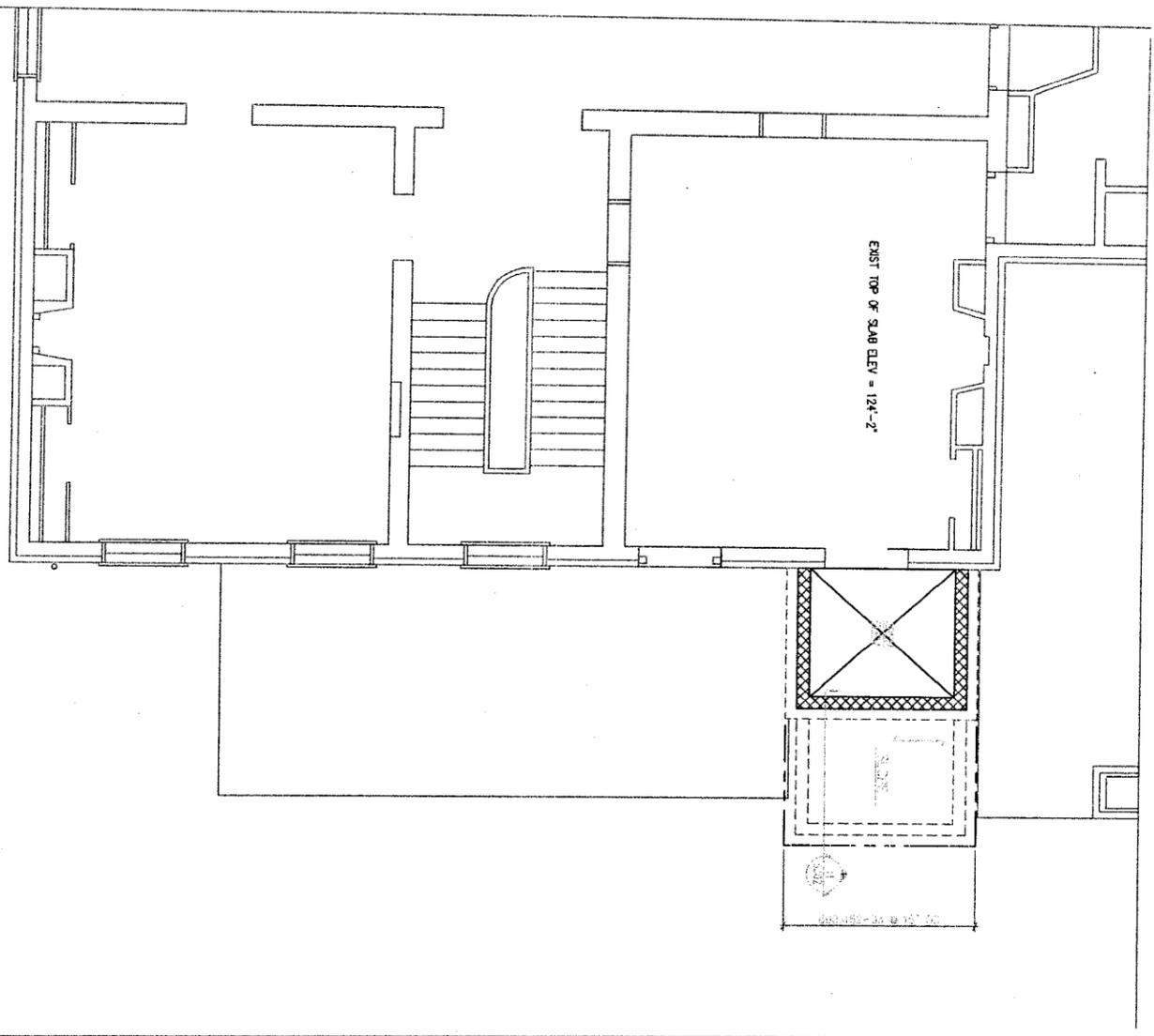


DESIGNER: EJN EJN	SUB SHEET NO. S101	TITLE OF SHEET CELLAR AND NEW ENTRY FLOOR PLANS	DRAWING NO. 311 50050
TECH. REVIEW: FDL	DATE: 10.13.03	INDEPENDENCE NATIONAL HISTORICAL PARK	PLANS/PKG. NO. 13531
			SHEET 5 OF 38

2 SECOND FLOOR PLAN

1/4"=1'-0"

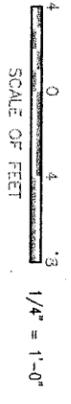
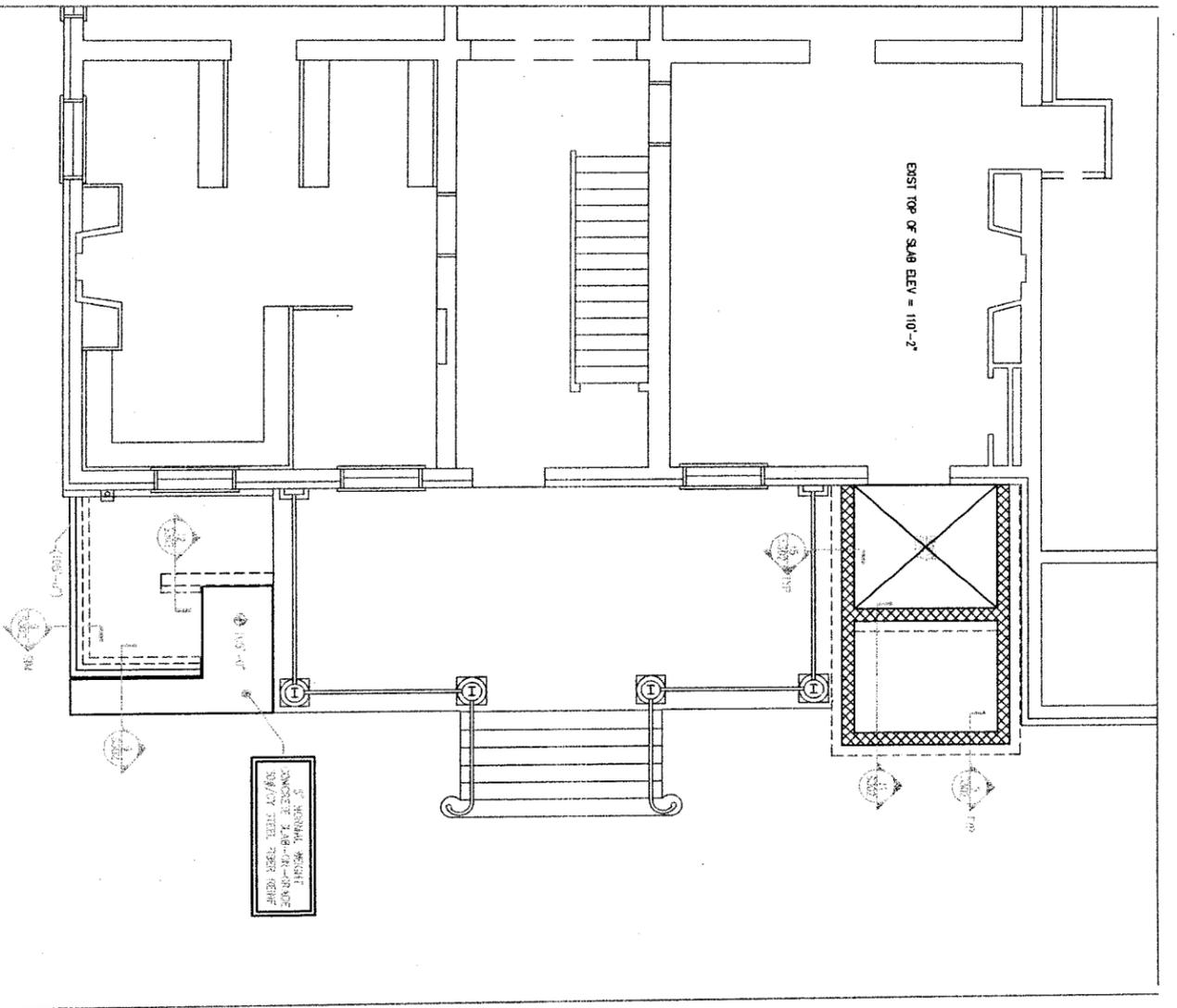
- NOTES:
1. ALL DIMENSIONS ARE REFERENCED TO FINISH FLOORING UNLESS NOTED OTHERWISE.
 2. ALL DIMENSIONS ARE REFERENCED TO FINISH FLOORING UNLESS NOTED OTHERWISE.
 3. ALL DIMENSIONS ARE REFERENCED TO FINISH FLOORING UNLESS NOTED OTHERWISE.
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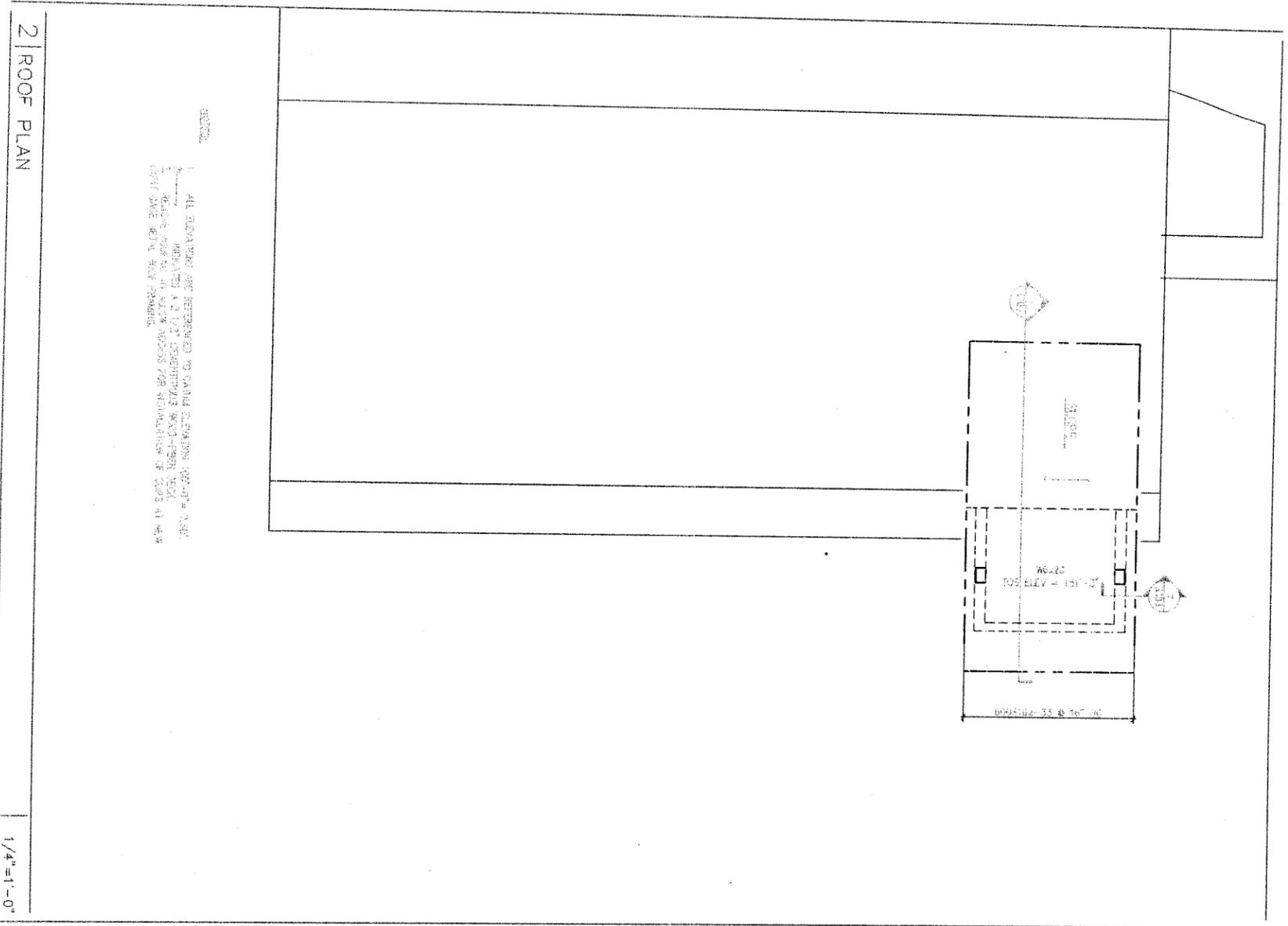
1 FIRST FLOOR PLAN

1/4"=1'-0"

- NOTES:
1. ALL DIMENSIONS ARE REFERENCED TO FINISH FLOORING UNLESS NOTED OTHERWISE.
 2. ALL DIMENSIONS ARE REFERENCED TO FINISH FLOORING UNLESS NOTED OTHERWISE.
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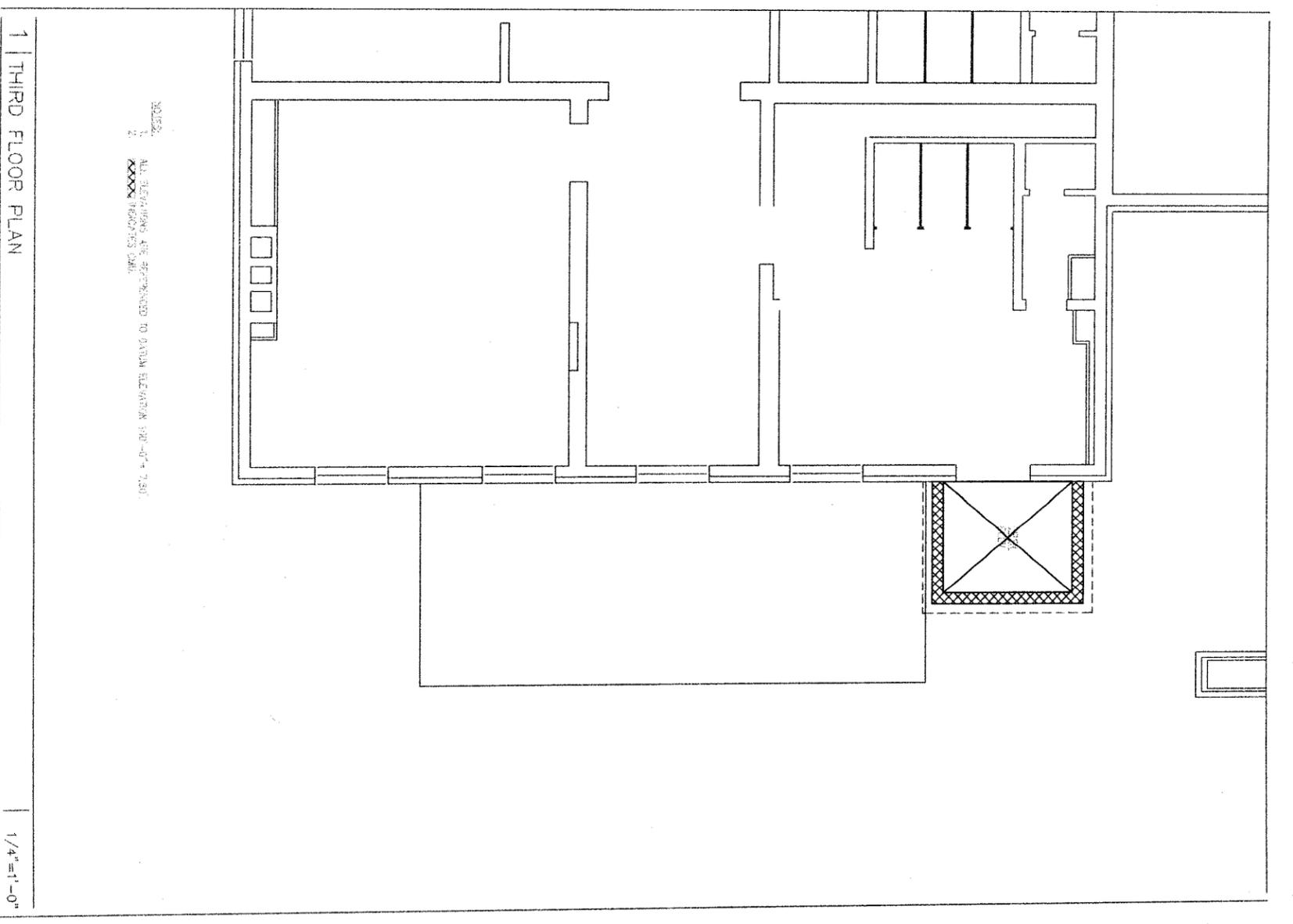
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TECH. REVIEW: FDL		INDEPENDENCE NATIONAL HISTORICAL PARK	PMS/PKG NO. 13531
DATE: 10.11.08			SHEET 6 OF 38



NOTE:
 1. ALL ELEVATIONS ARE REFERENCED TO GAVIN ELEVATION 102'-0" = 7.50'
 2. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED
 3. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED
 4. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED

2 | ROOF PLAN

1/4" = 1'-0"



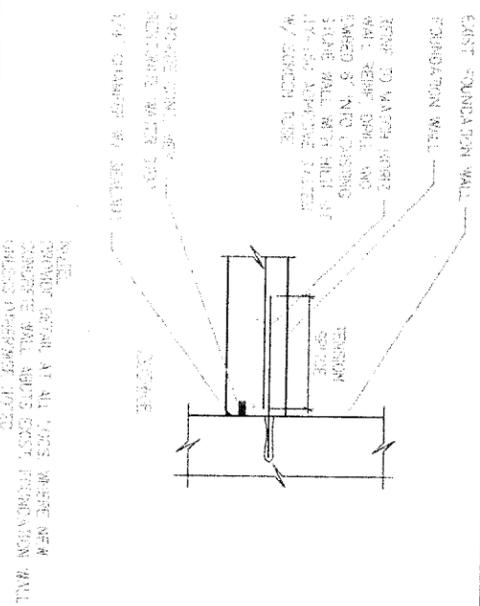
NOTE:
 1. ALL ELEVATIONS ARE REFERENCED TO GAVIN ELEVATION 102'-0" = 7.50'
 2. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED

1 | THIRD FLOOR PLAN

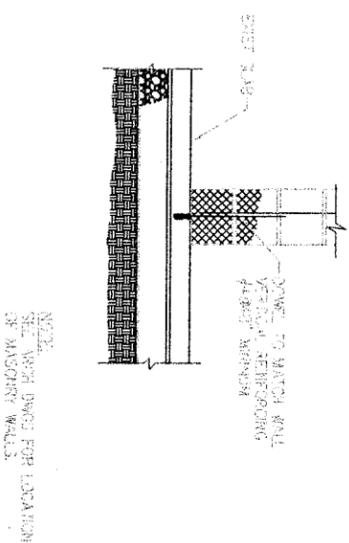
1/4" = 1'-0"



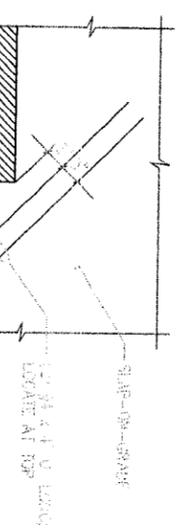
DESIGNED BY: EJN	SUB SHEET NO. S103	TITLE OF SHEET THIRD FLOOR PLAN AND ROOF PLAN	DRAWING NO. 391
DATE: 10.13.08	INDEPENDENCE NATIONAL HISTORICAL PARK	PMS/PKG NO. 13531	SHEET 7 OF 38



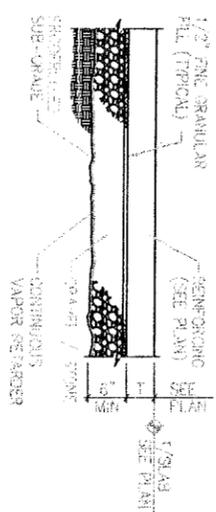
12 | TYP NEW/EXIST FOUNDATION WALL DETAIL NO SCALE



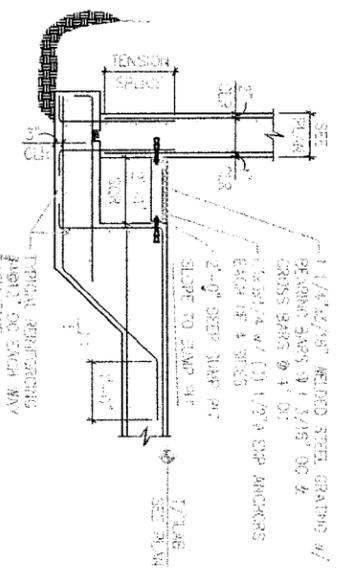
9 | TYP NEW MASONRY WALLS TO EXIST SLAB ON GRADE NO SCALE



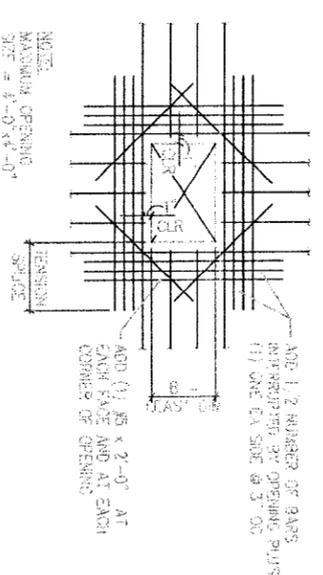
11 | TYP PLAN DETAIL AT RE-ENTRANT CORNER NO SCALE



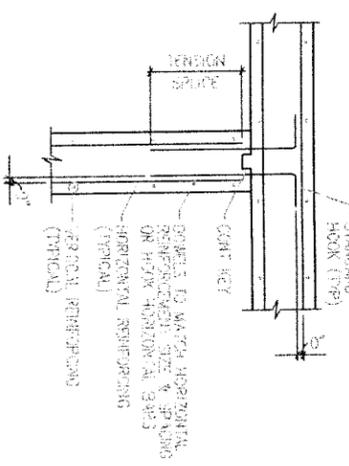
8 | TYP SLAB-ON-GRADE CONSTRUCTION NO SCALE



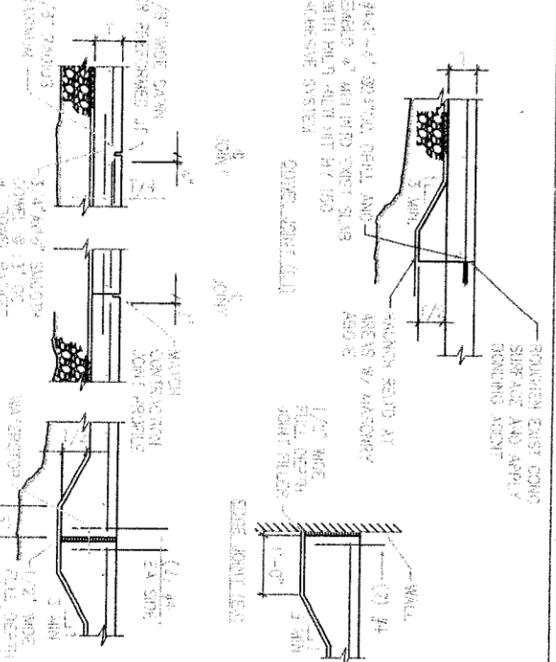
6 | TYP SUMP PIT DETAIL NO SCALE



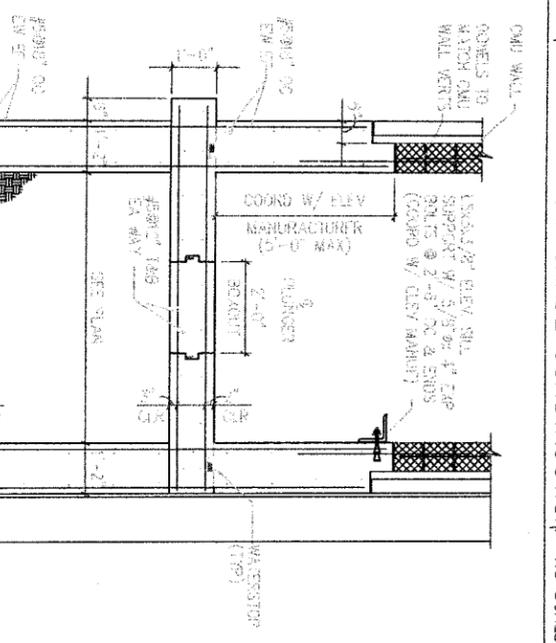
5 | TYP WALL OPENING ELEVATION NO SCALE



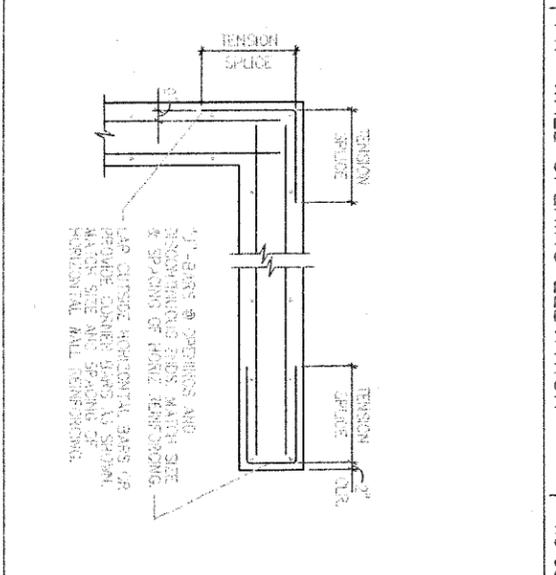
3 | TYP CONCRETE WALL INTERSECTION PLAN SCALE



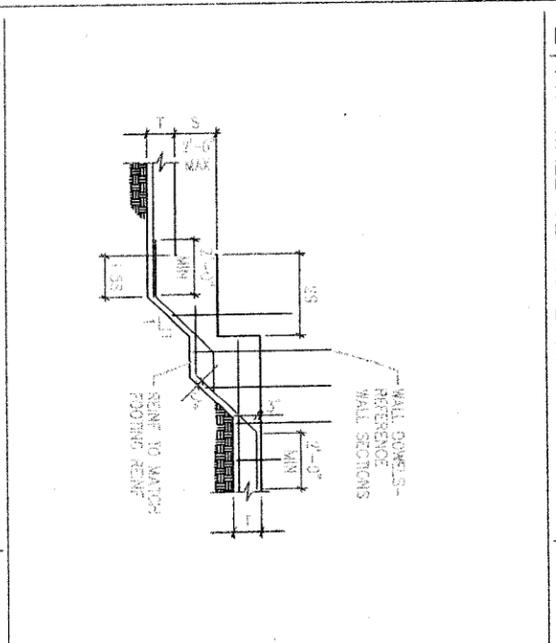
10 | TYP SLAB-ON-GRADE JOINTS NO SCALE



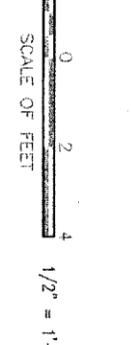
7 | TYP ELEVATOR PIT DETAIL NO SCALE



4 | TYP CONCRETE WALL CORNER & END ROADWAY NO SCALE

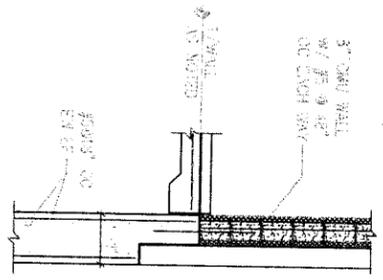


1 | TYP STEPPED WALL FOOTING DETAIL NO SCALE

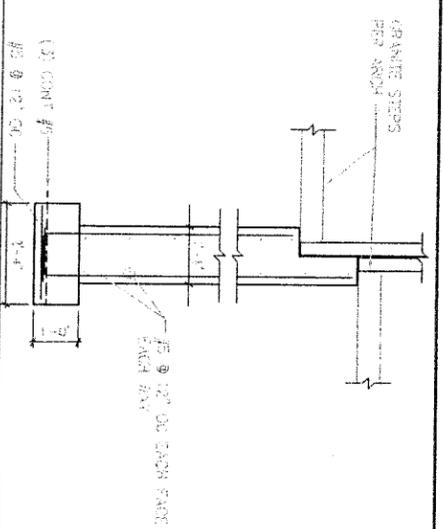


DESIGNED BY: EUN
 CHECKED BY: EUN
 TECH. REVIEW: FDL
 DATE: 10.13.06

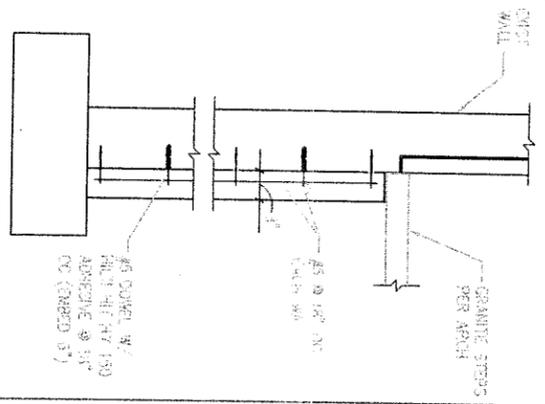
SUB SHEET NO. S301
 TITLE OF SHEET: TYPICAL CONCRETE AND MASONRY SECTIONS & DETAILS
 DRAWING NO. 600970
 PMS/PKG NO. 13531
 SHEET 8 OF 38



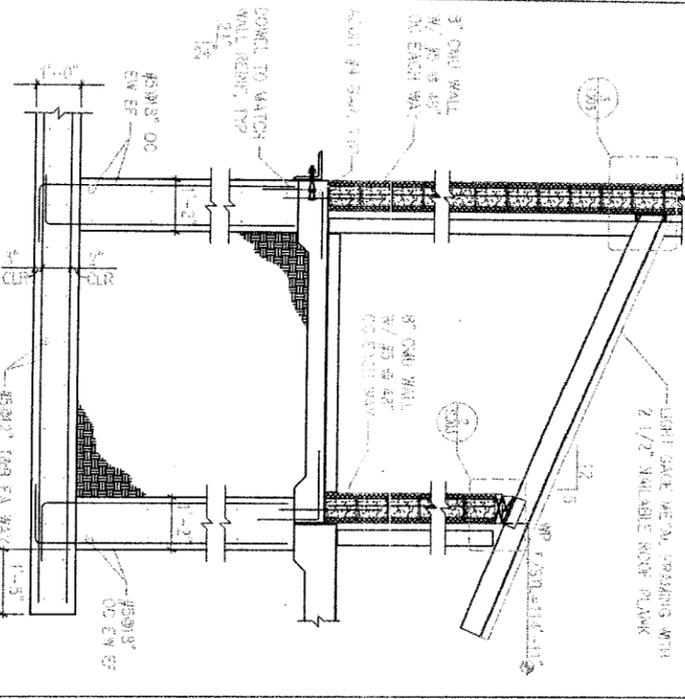
15 SECTION NO SCALE



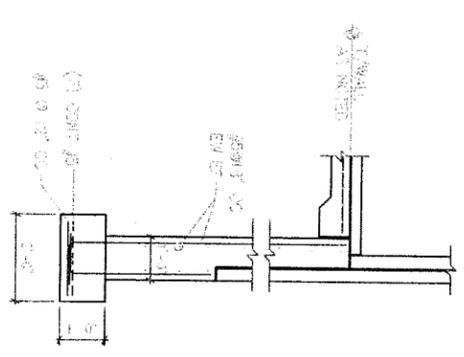
12 SECTION 1/2\"/>



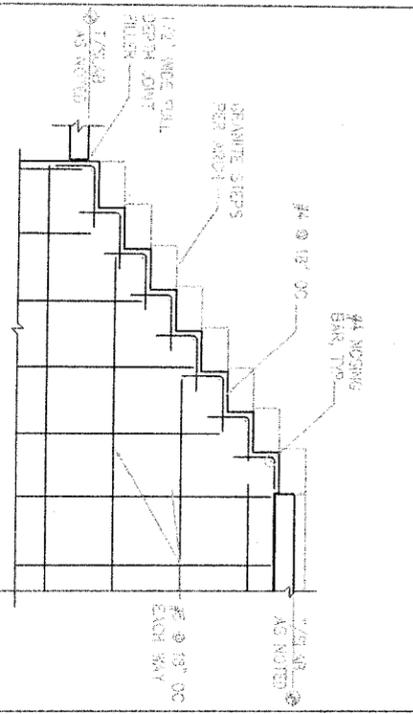
14 SECTION 1/2\"/>



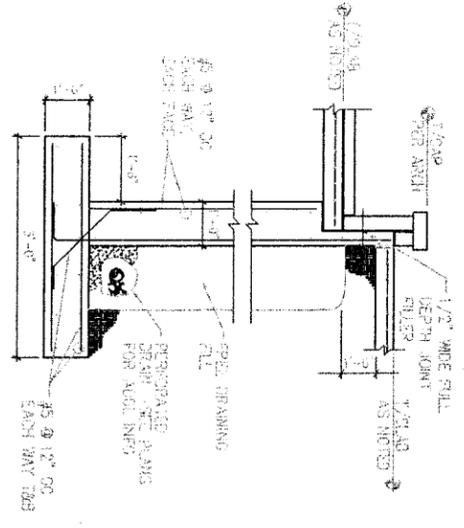
11 SECTION 1/2\"/>



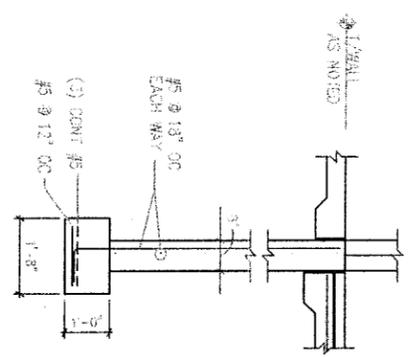
13 SECTION 1/2\"/>



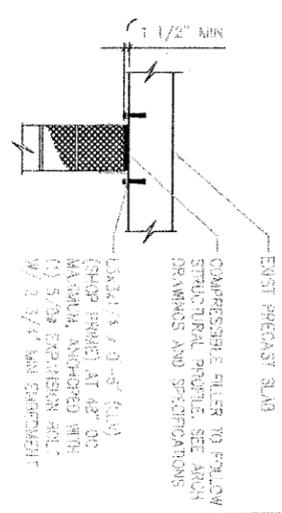
10 SECTION 1/2\"/>



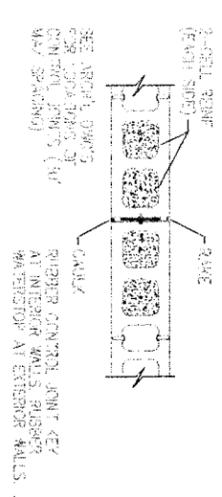
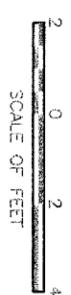
9 SECTION 1/2\"/>



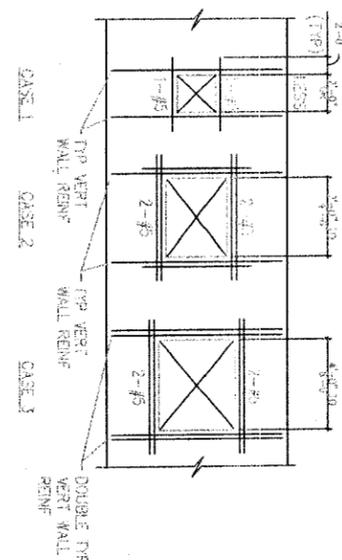
8 SECTION 1/2\"/>



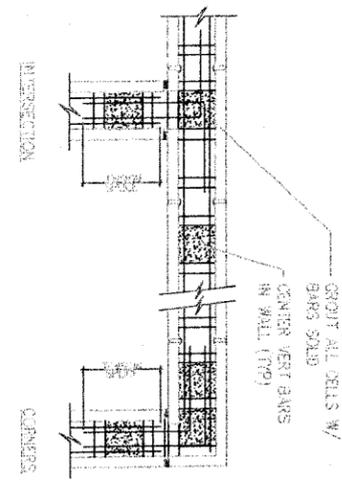
7 TYP NON-LOAD BEARING WALL BONNSCALE



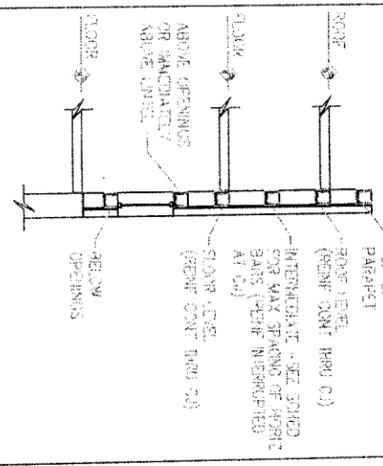
6 TYP CMU CONTROL JOINT NO SCALE



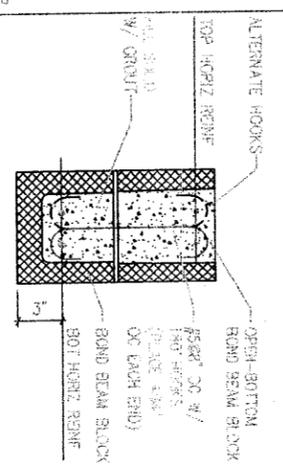
5 TYP REINF AROUND WALL OPENINGS



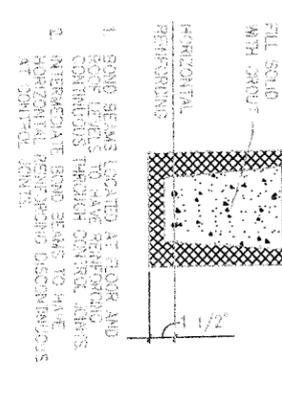
4 TYP STRO BOND BEAM DETAIL NO SCALE



3 TYP BOND BEAM LOOPS NO SCALE



2 TYP CMU LINTEL NO SCALE



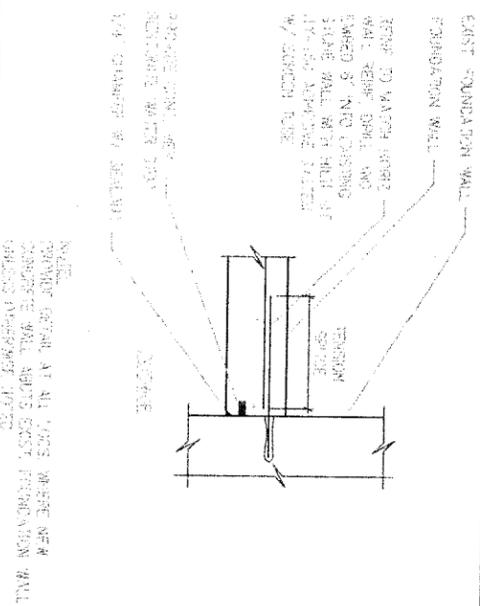
1 TYP BOND BEAM REINF NO SCALE

NOTE: COORDINATE RELOCATION OF GRANITE STEPS IN NEW LOCATION WITH EXISTING INSTALLATION.

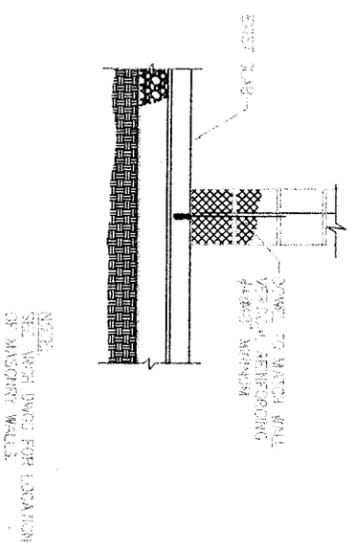
NOTE: EAST GLAD REINFORCEMENT MAY NOT BE CUT DURING THE INSTALLATION OF EXPANSION JOINTS.

NOTE: MAXIMUM OPENING WIDTH 15'-0"

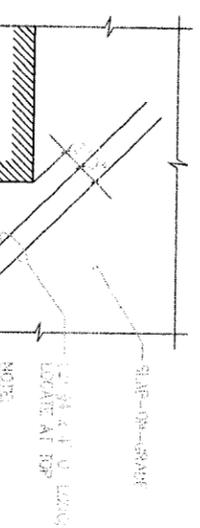
DESIGNED BY: EJN	SUB SHEET NO. S302	TITLE OF SHEET TYPICAL MASONRY AND CONCRETE SECTIONS & DETAILS	DRAWING NO. 13531
TECH. REVIEW: FDL	NO SCALE	INDEPENDENCE NATIONAL HISTORICAL PARK	PMS/PKG NO. 13531
DATE: 10.13.08			SHEET 9 OF 38



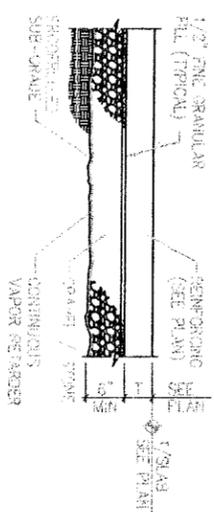
12 | TYP NEW/EXIST FOUNDATION WALL DETAIL NO SCALE



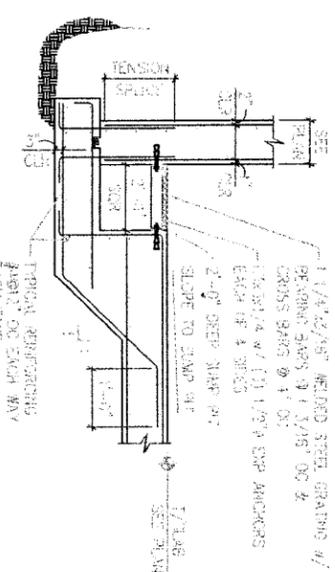
9 | TYP NEW MASONRY WALLS TO EXIST SLAB NORMAL NO SCALE



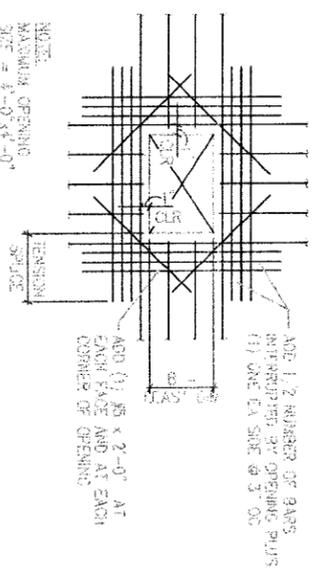
11 | TYP PLAN DETAIL AT RE-ENTRANT CORNER NO SCALE



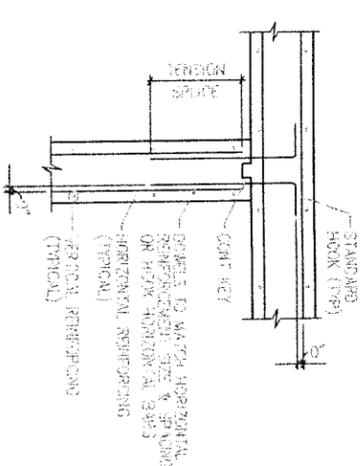
8 | TYP SLAB-ON-GRADE CONSTRUCTION NO SCALE



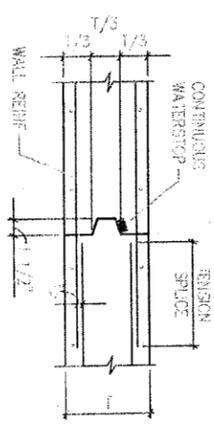
6 | TYP SUMP PIT DETAIL NO SCALE



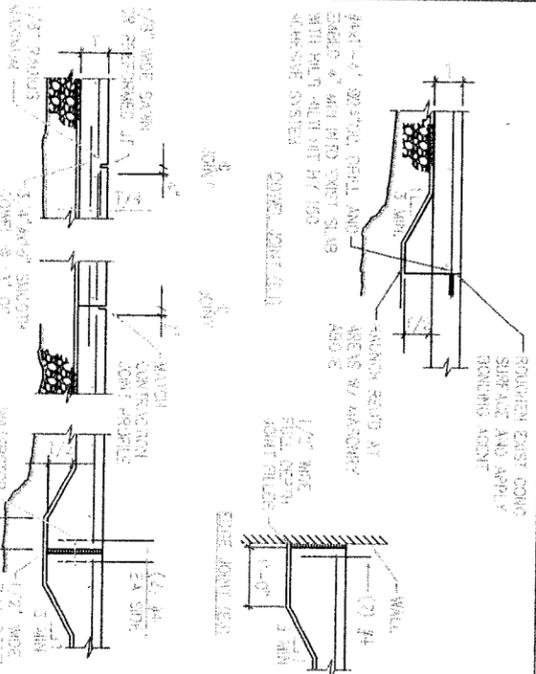
5 | TYP WALL OPENING ELEVATION NO SCALE



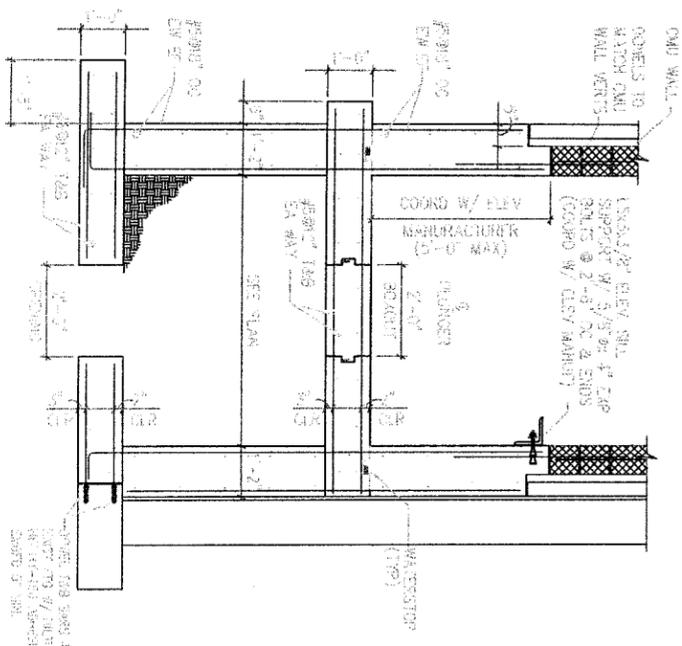
3 | TYP CONCRETE WALL INTERSECTION PLAN SCALE



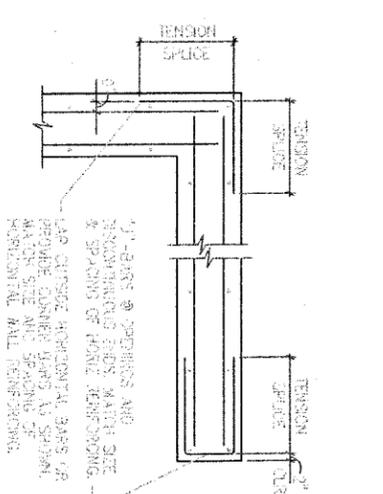
2 | TYP WALL VERTICAL CONSTRUCTION JOINT SCALE



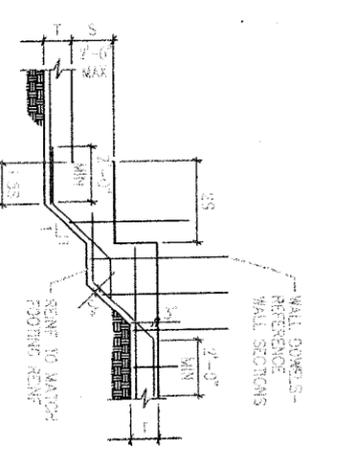
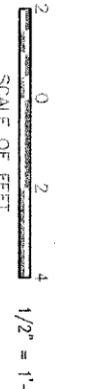
10 | TYP SLAB-ON-GRADE JOINTS NO SCALE



7 | TYP ELEVATOR PIT DETAIL NO SCALE



4 | TYP CONCRETE WALL CORNER & END ROADWAY NO SCALE



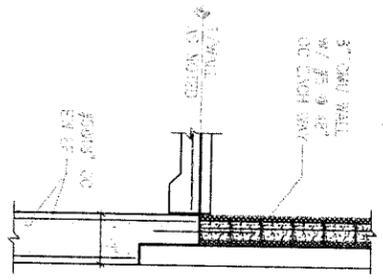
1 | TYP STEPPED WALL FOOTING DETAIL NO SCALE

DESIGNED BY: EUN
CHECKED BY: EUN
TECH. REVIEW: EUN
DATE: 10.13.06

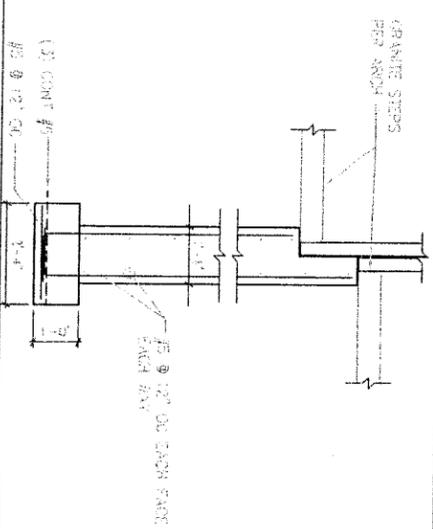
SUB SHEET NO. S301

TITLE OF SHEET: TYPICAL CONCRETE AND MASONRY SECTIONS & DETAILS

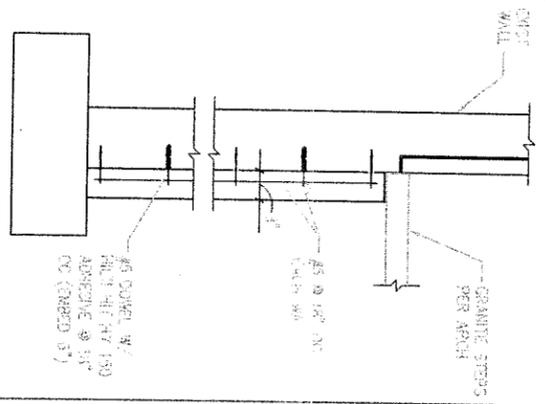
DRAWING NO. 600970
PMS/PKG NO. 13531
SHEET 8 OF 38



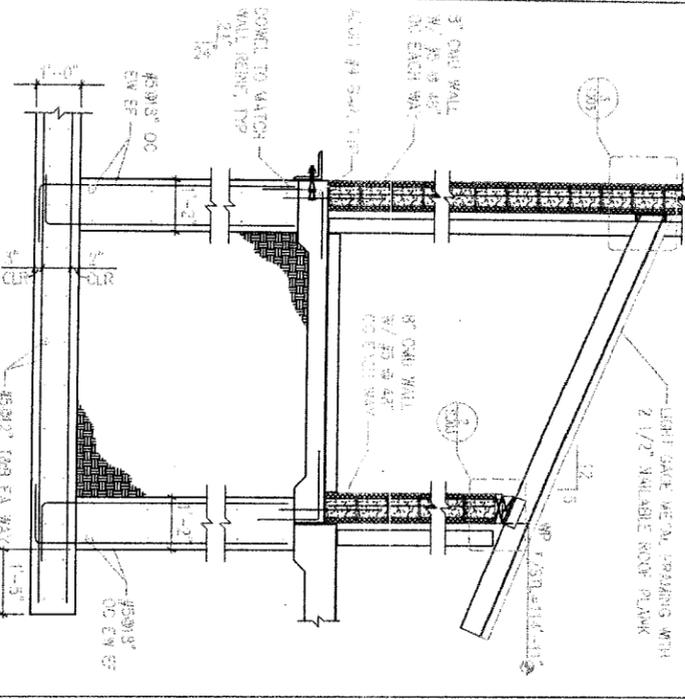
15 SECTION NO SCALE



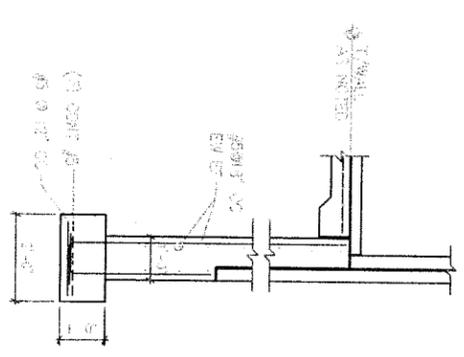
12 SECTION 1/2"=1'-0"



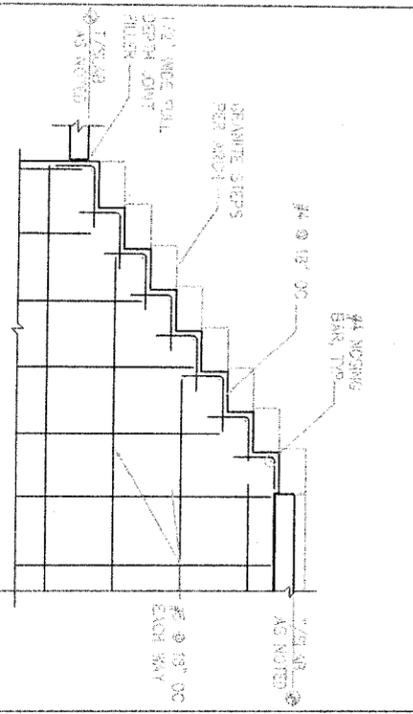
14 SECTION 1/2"=1'-0"



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

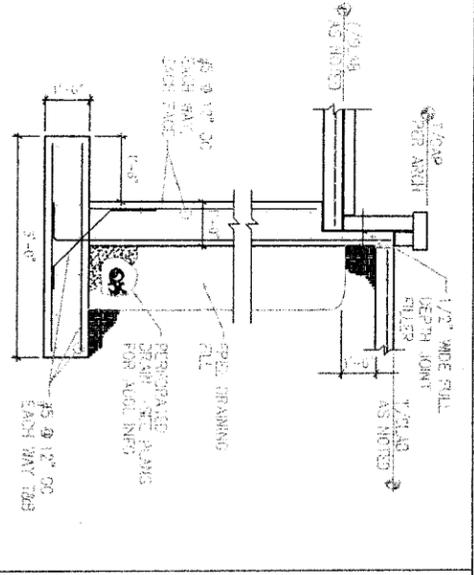


13 SECTION 1/2"=1'-0"

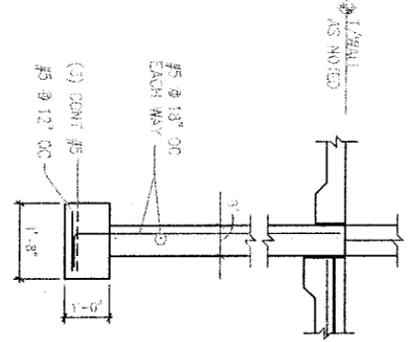


10 SECTION 1/2"=1'-0"

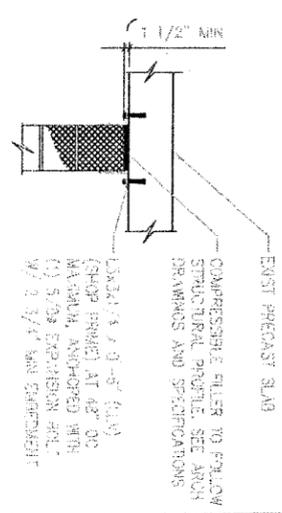
NOTE: COORDINATE RELOCATION OF GRANITE STEPS IN VIEW LOOKING FROM VIEW DRAWING INSTALLATION.



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



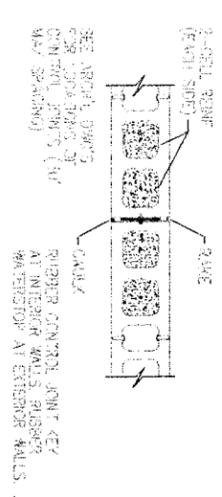
8 SECTION 1/2"=1'-0"



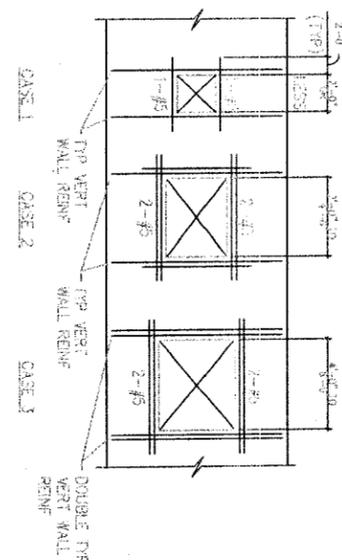
7 TYP NON-LOAD BEARING WALL BONNSCALE

NOTE: EAST GLAD REINFORCEMENT MAY NOT BE CUT DURING THE INSTALLATION OF EXPANSION JOINTS.

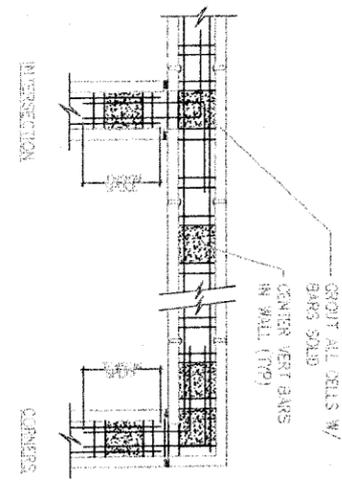
SCALE OF FEET



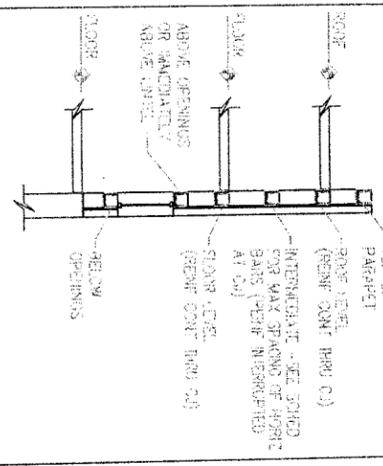
6 TYP CMU CONTROL JOINT NO SCALE



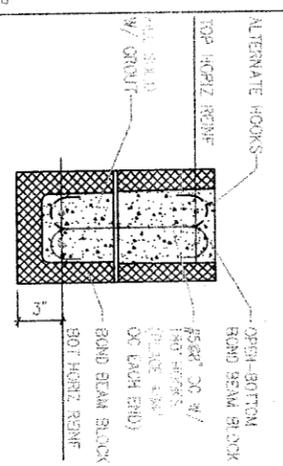
5 TYP REINF AROUND WALL OPENINGSCALE



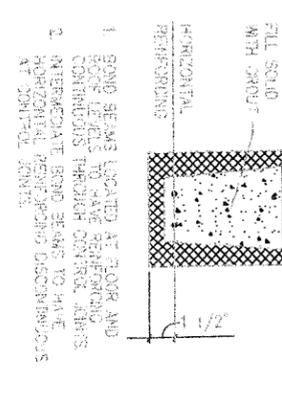
4 TYP STRO BOND BEAM DETAIL NO SCALE



3 TYP BOND BEAM LOOPS NO SCALE



2 TYP CMU LINTEL NO SCALE



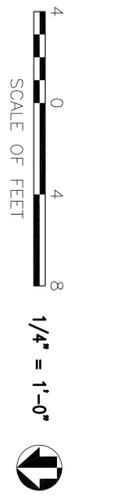
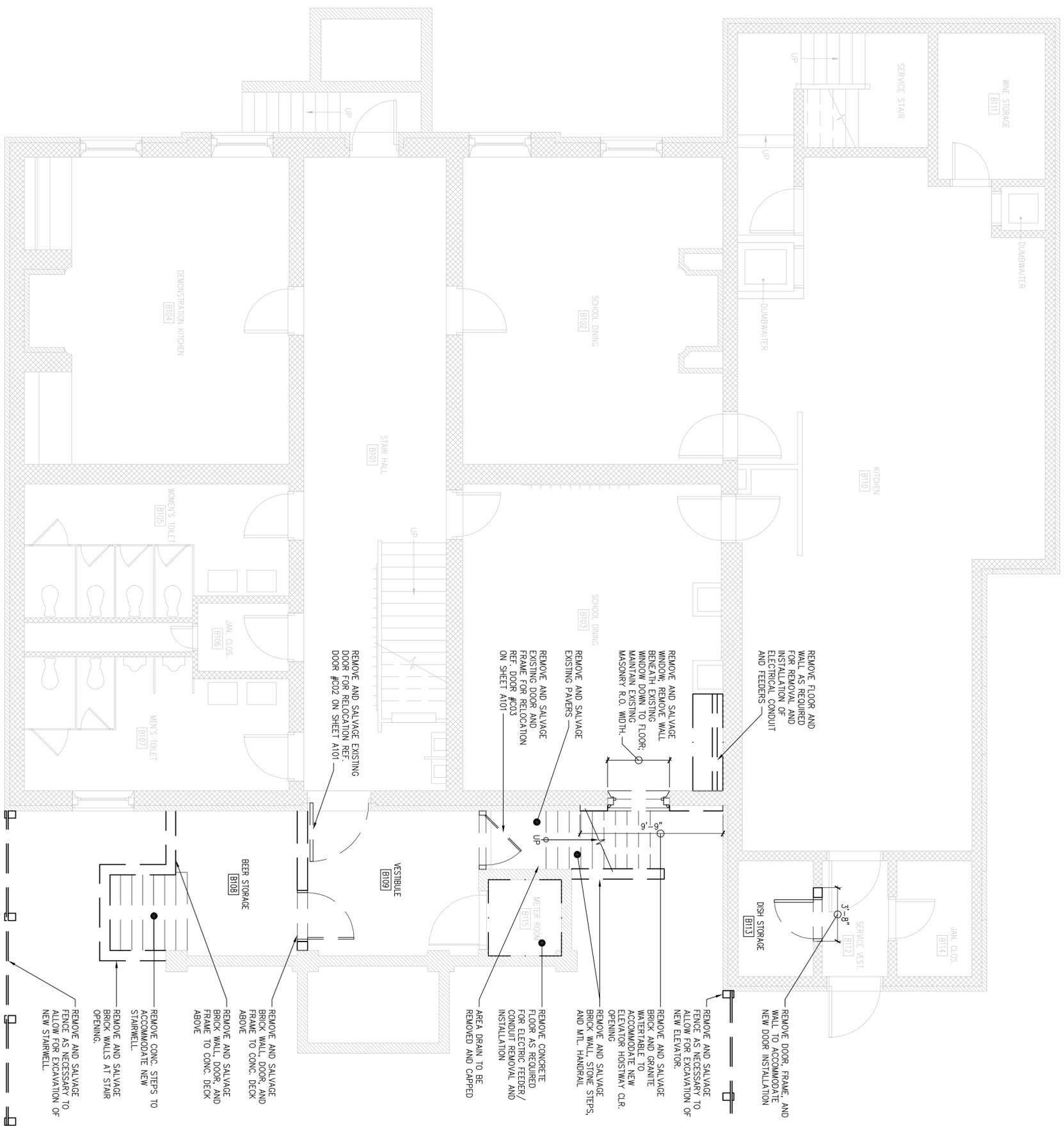
1 TYP BOND BEAM REINF NO SCALE

TITLE OF SHEET
TYPICAL MASONRY AND
CONCRETE SECTIONS &
DETAILS
INDEPENDENCE
NATIONAL HISTORICAL PARK

DESIGNED BY: EJM
EJM
EJM
TECH. REVIEW: FDL
DATE: 10.13.06

SUB SHEET NO. S302

DRAWING NO. 600090
PMS/PKG NO. 13531
SHEET 9 OF 38



1 | SELECTIVE DEMOLITION CELLAR FLOOR PLAN

DESIGNED: RHB	SUB SHEET NO. AD001	TITLE OF SHEET SELECTIVE DEMOLITION CELLAR FLOOR PLAN	DRAWING NO. _____
DATE: 10.06.06	TECH. REVIEW: RHB	INDEPENDENCE NATIONAL HISTORICAL PARK	PMS/PKG NO. 13531
			SHEET 10 OF 37

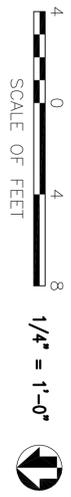
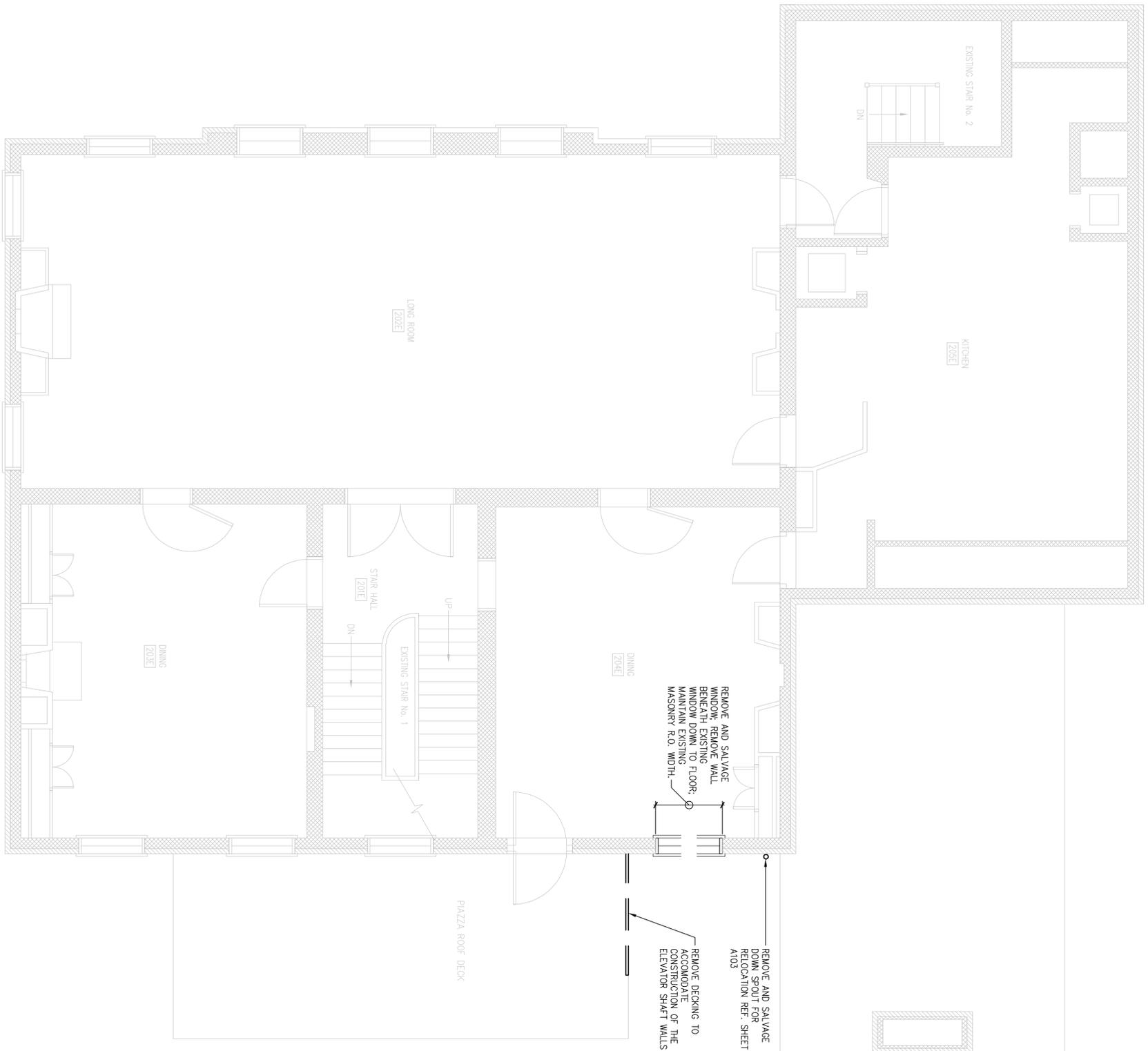


1 | SELECTIVE DEMOLITION FIRST FLOOR PLAN

1/4"=1'-0"

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



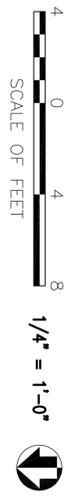


1 | SELECTIVE DEMOLITION SECOND FLOOR PLAN

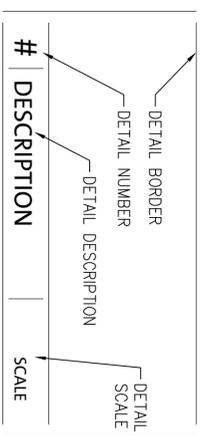
DESIGNED: RHB	SUB SHEET NO. AD003	TITLE OF SHEET SELECTIVE DEMOLITION SECOND FLOOR PLAN	DRAWING NO. _____
DATE: 10.06.06	TECH. REVIEW: RHB	INDEPENDENCE NATIONAL HISTORICAL PARK	PMS/PKG NO. 1.3531
			SHEET 12 OF 37



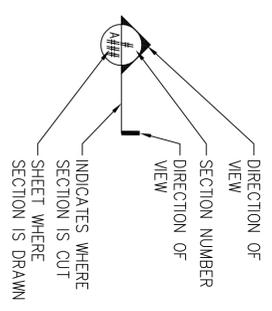
1 SELECTIVE DEMOLITION THIRD FLOOR PLAN



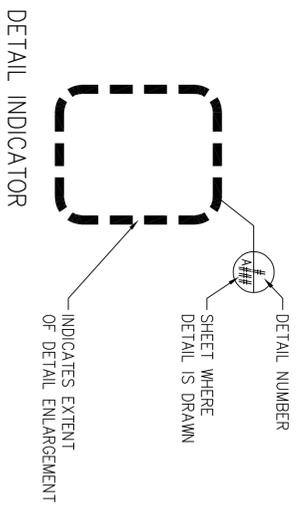
DESIGNED: RHB	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
DATE: 10.06.06	AD004	SELECTIVE DEMOLITION THIRD FLOOR PLAN	—
TECH. REVIEW: RHB		INDEPENDENCE NATIONAL HISTORICAL PARK	PMS/PKG NO. 13531
			SHEET 13 OF 37



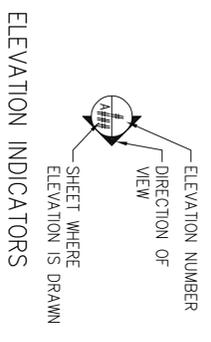
DETAIL TITLE ON DETAIL DRAWING



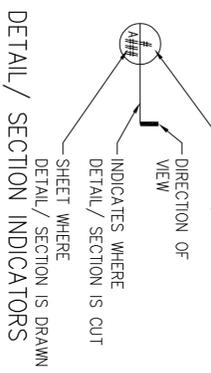
SECTION INDICATOR



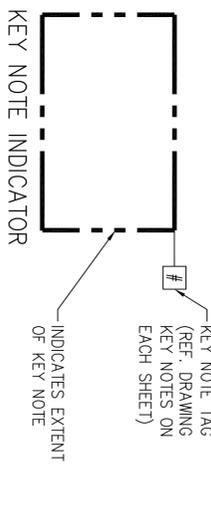
DETAIL INDICATOR



ELEVATION INDICATORS



DETAIL / SECTION INDICATORS



KEY NOTE INDICATOR

2 | DRAWING TAG KEY

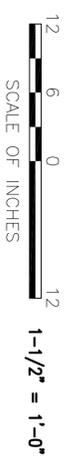
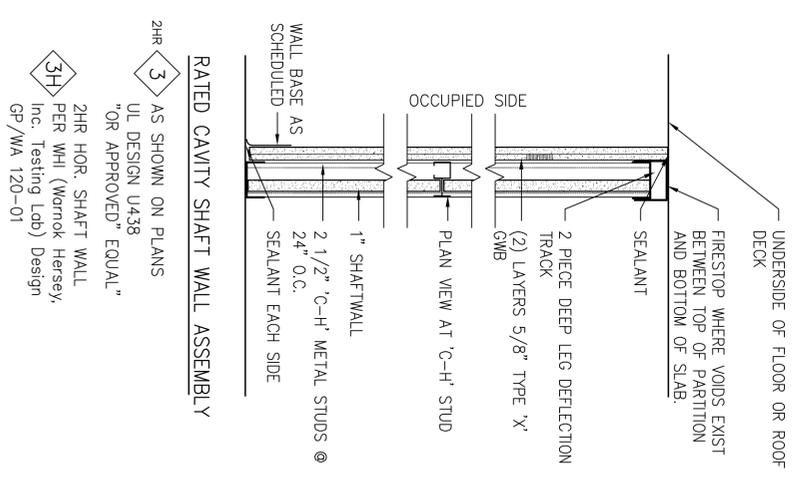
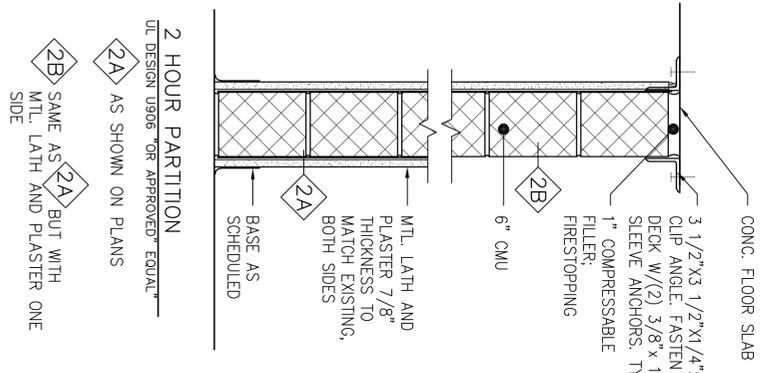
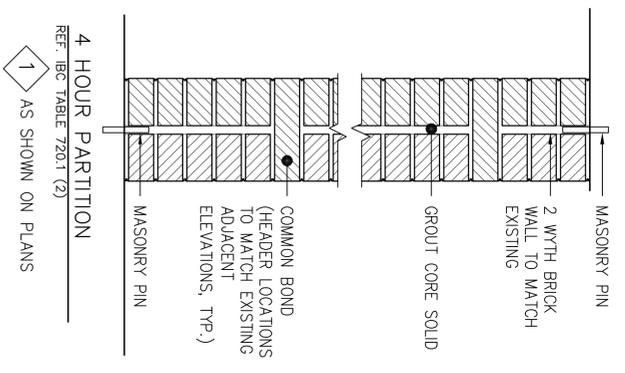
NO SCALE

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

4 | HATCH KEY

NO SCALE

1 | PARTITION TYPES



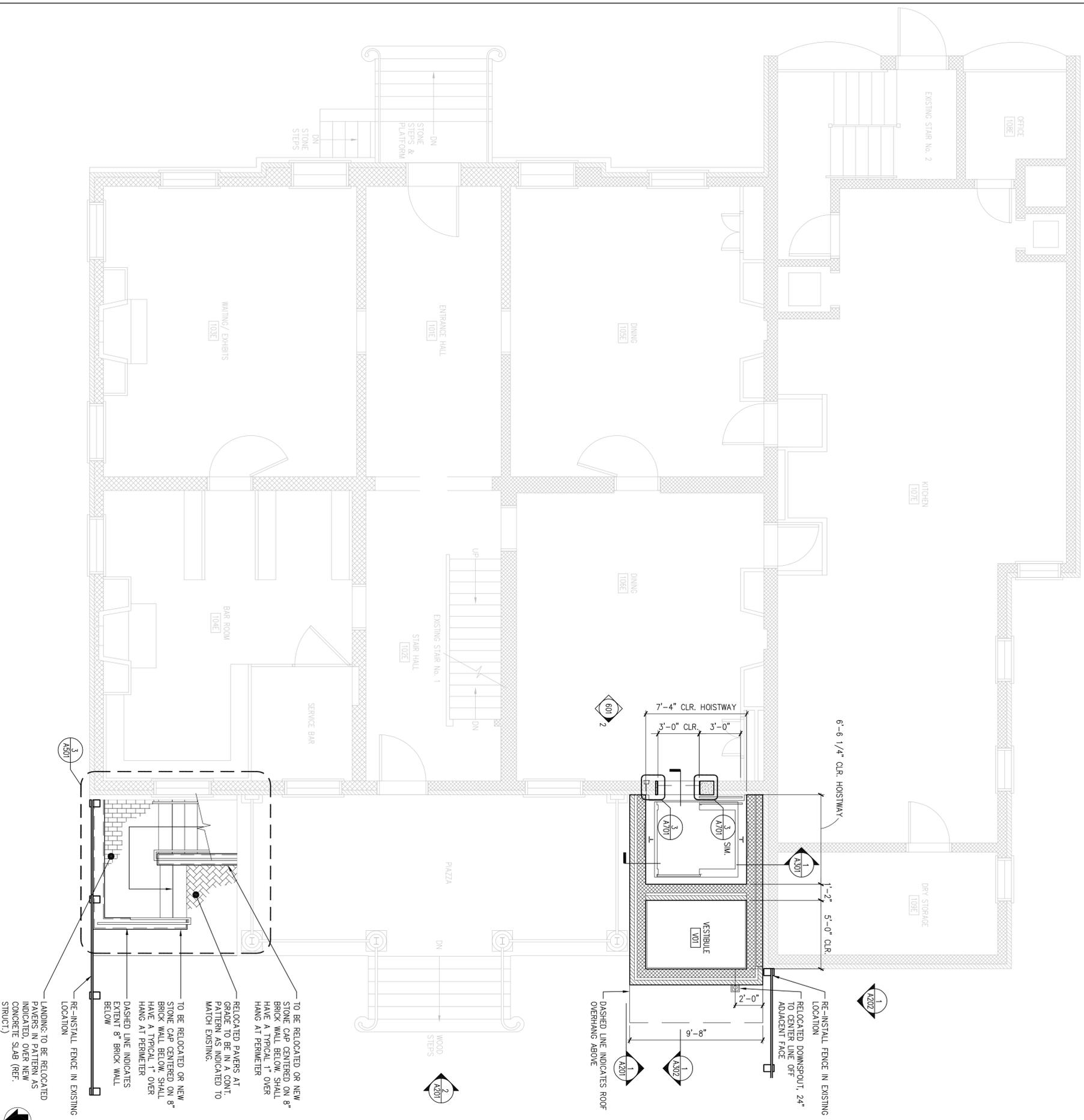
DESIGNED:	
TECH. REVIEW:	RHB
DATE:	10.06.06

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



TO BE RELOCATED OR NEW STONE CAP CENTERED ON 8" BRICK WALL BELOW. SHALL HAVE A TYPICAL 1" OVER HANG AT PERIMETER

RELOCATED PAVERS AT GRADE TO BE IN A CONT. PATTERN AS INDICATED TO MATCH EXISTING.

TO BE RELOCATED OR NEW STONE CAP CENTERED ON 8" BRICK WALL BELOW. SHALL HAVE A TYPICAL 1" OVER HANG AT PERIMETER

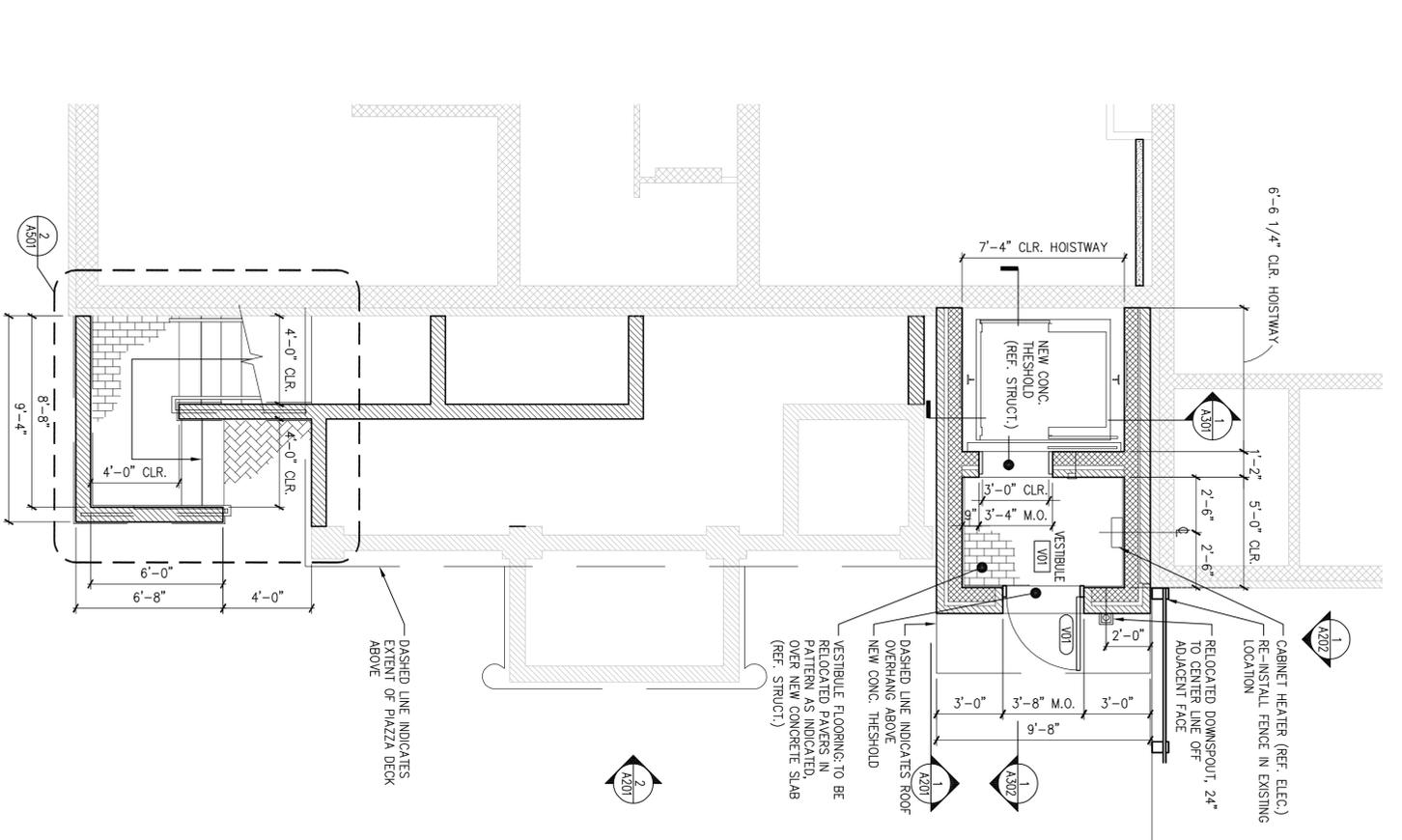
DASHED LINE INDICATES EXTENT 8" BRICK WALL BELOW

RE-INSTALL FENCE IN EXISTING LOCATION

LANDING TO BE RELOCATED PAVERS IN PATTERN AS INDICATED, OVER NEW CONCRETE SLAB (REF. STRUCT.)



1 VESTIBULE LEVEL PLAN



DESIGNED: RHB

DATE: 10.06.06

SUB SHEET NO.

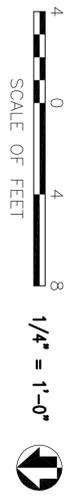
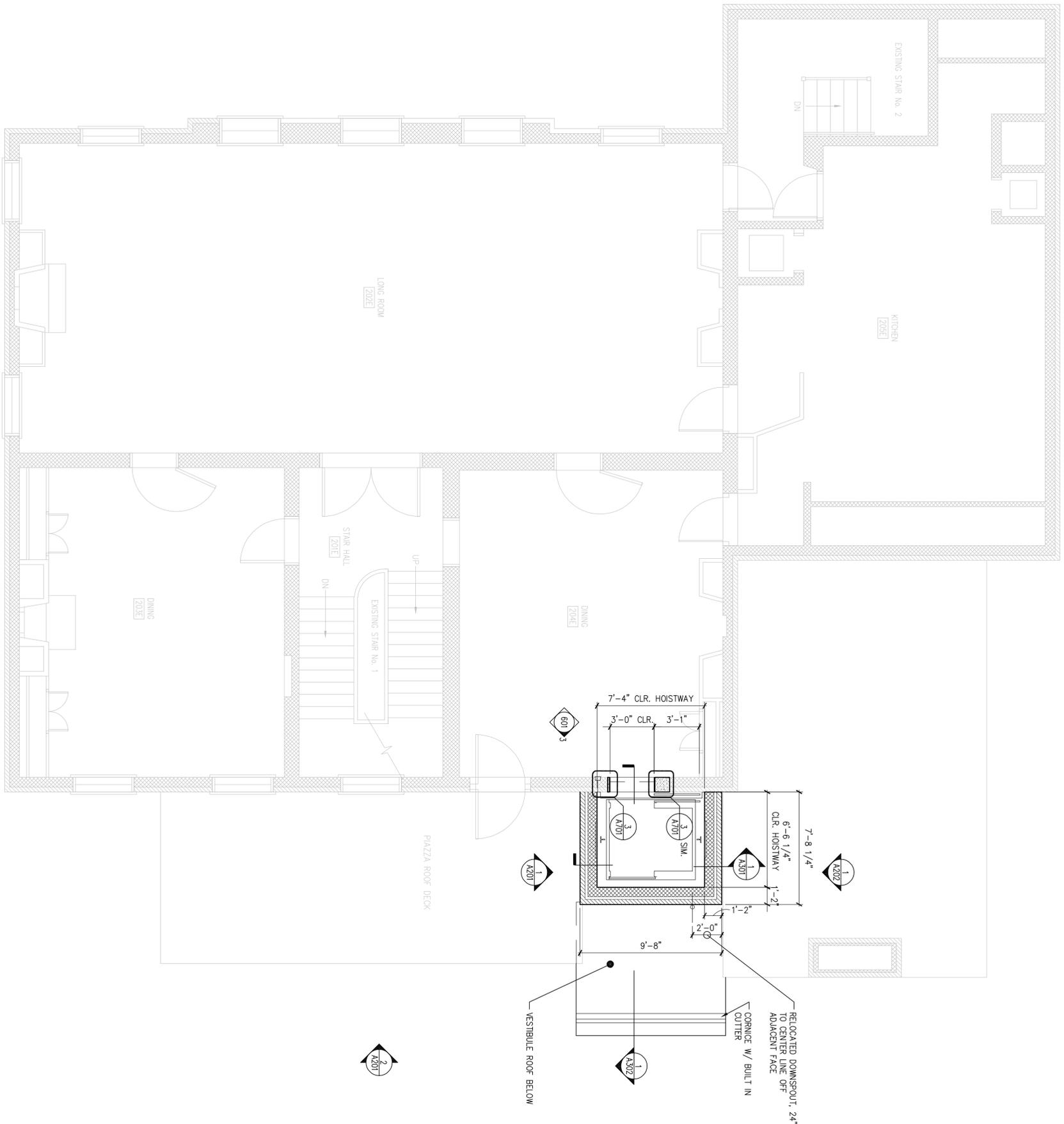
TITLE OF SHEET

VESTIBULE LEVEL & FIRST FLOOR PLAN

INDEPENDENCE NATIONAL HISTORICAL PARK

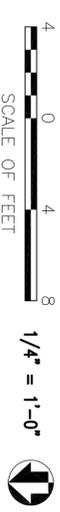
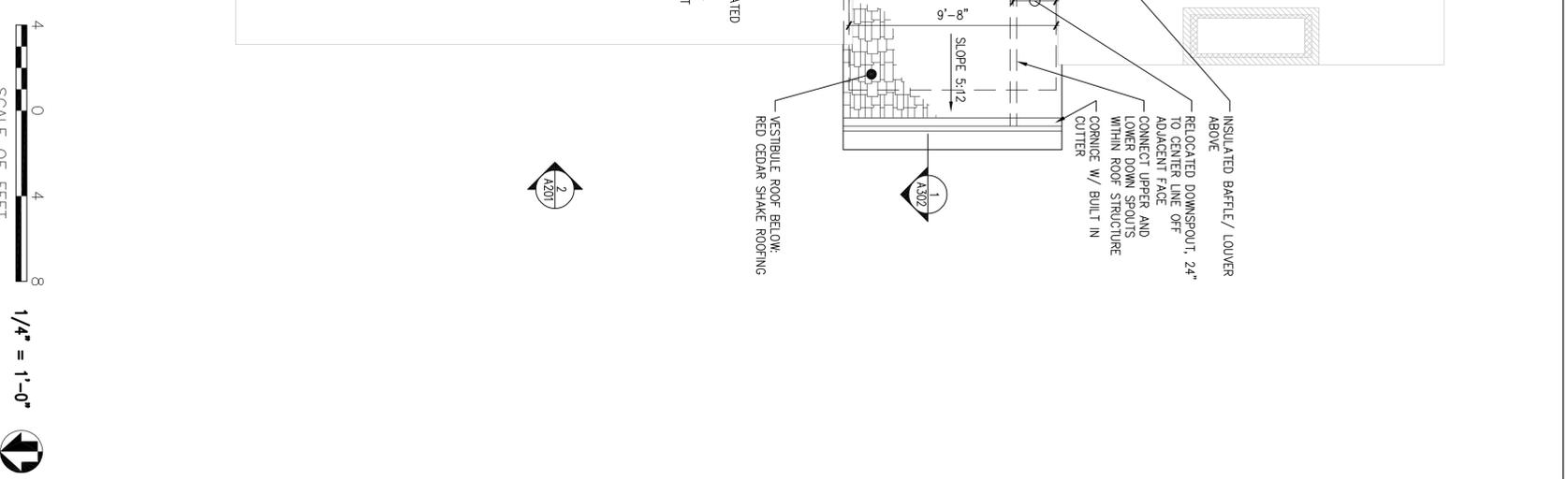
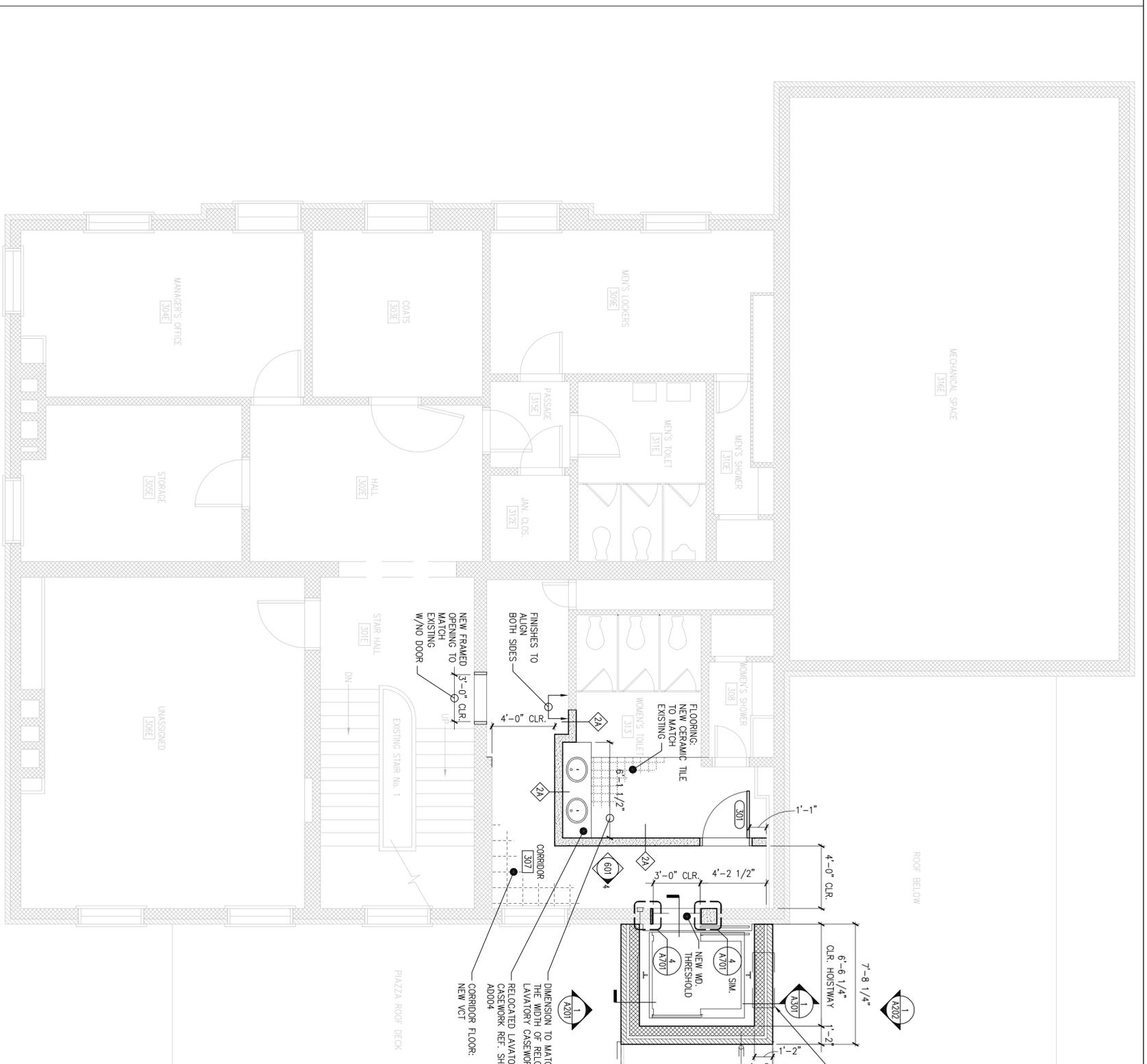
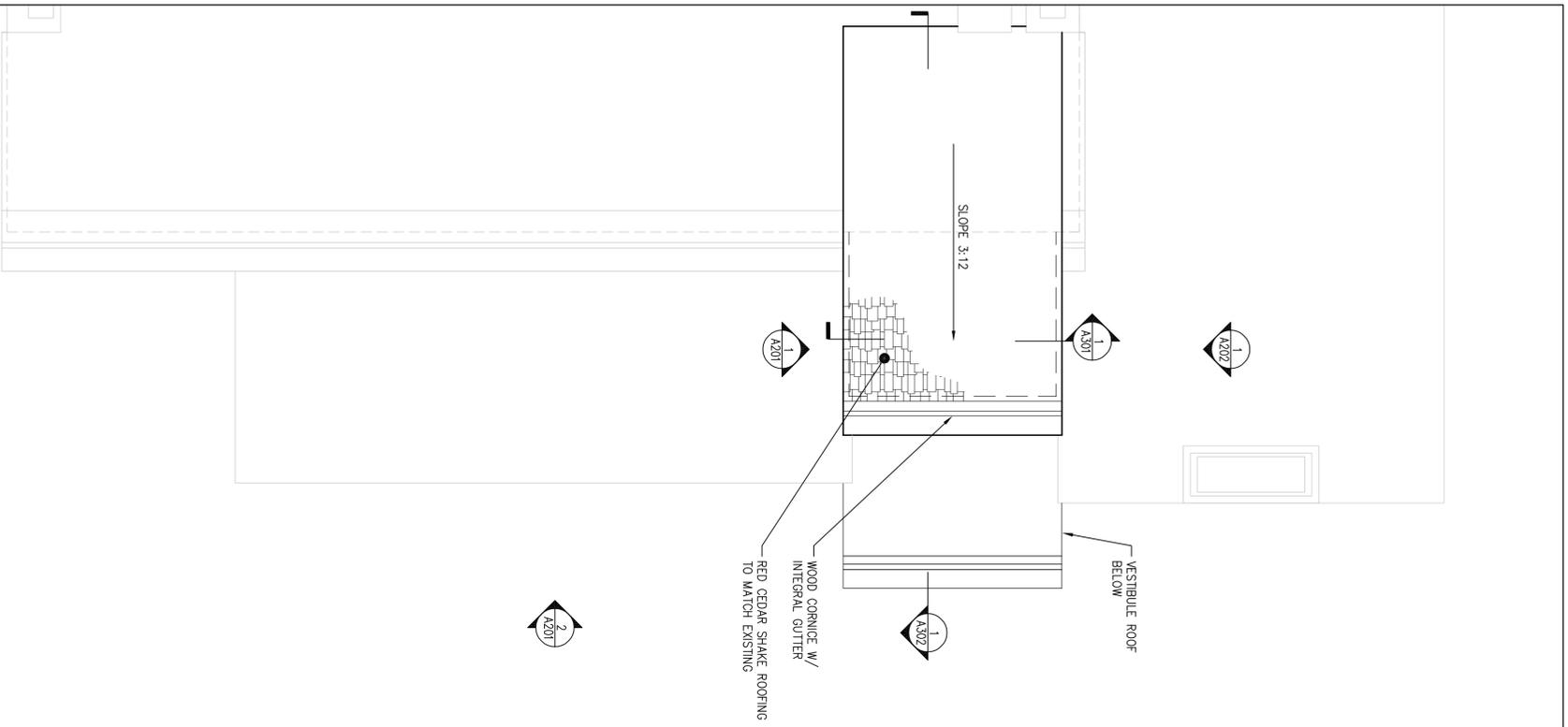
15 OF 37 SHEET

10.06.06 QC SET (NOT FOR CONSTRUCTION)



1 SECOND FLOOR PLAN

DESIGNED: RHB	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
TECH. REVIEW: RHB	A103	SECOND FLOOR PLAN	PMS/PKG NO. 13531
DATE: 10.06.06		INDEPENDENCE NATIONAL HISTORICAL PARK	SHEET 16 of 37



1 THIRD FLOOR PLAN

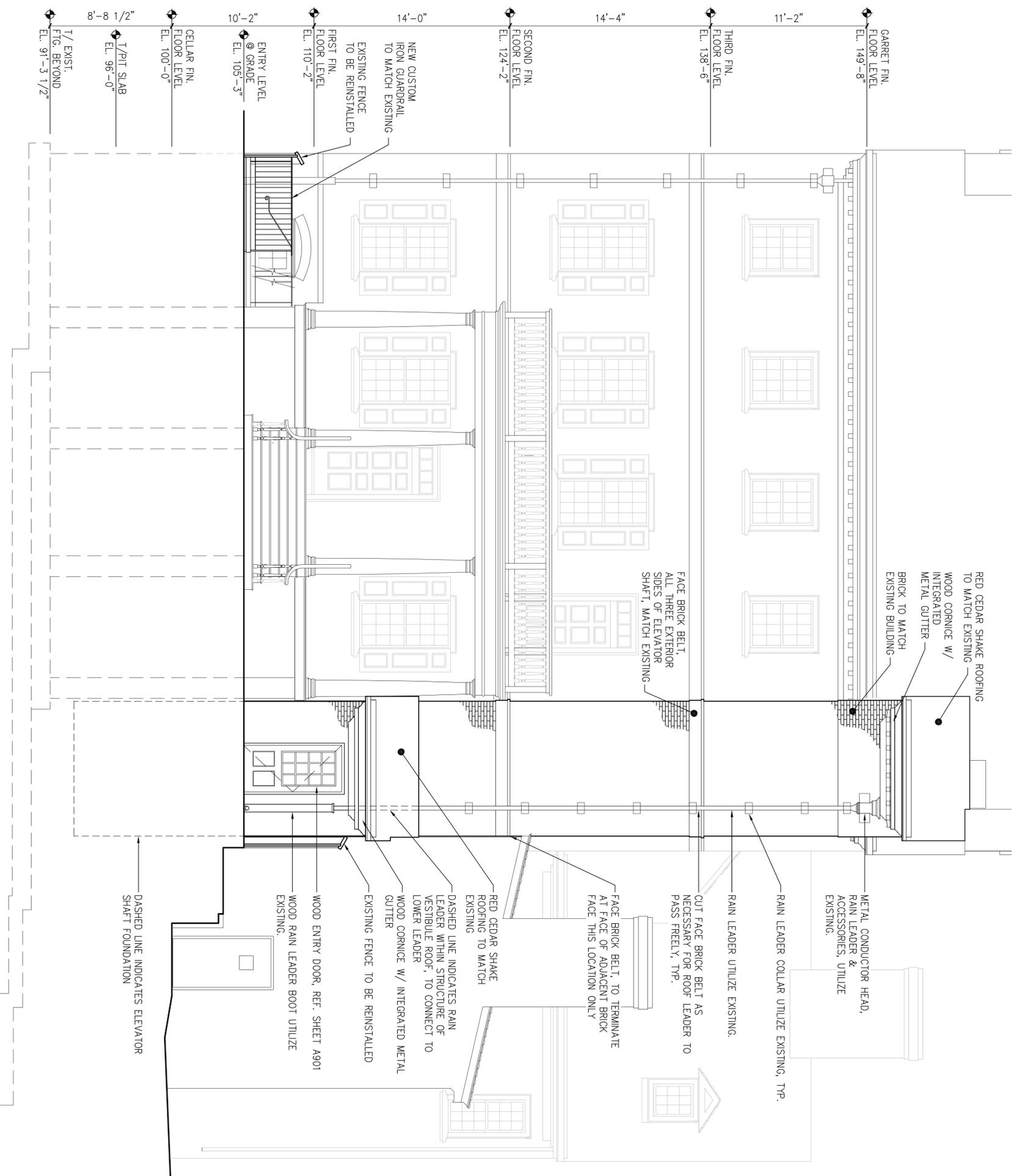
1/4"=1'-0"

2 ROOF PLAN

1/4"=1'-0"

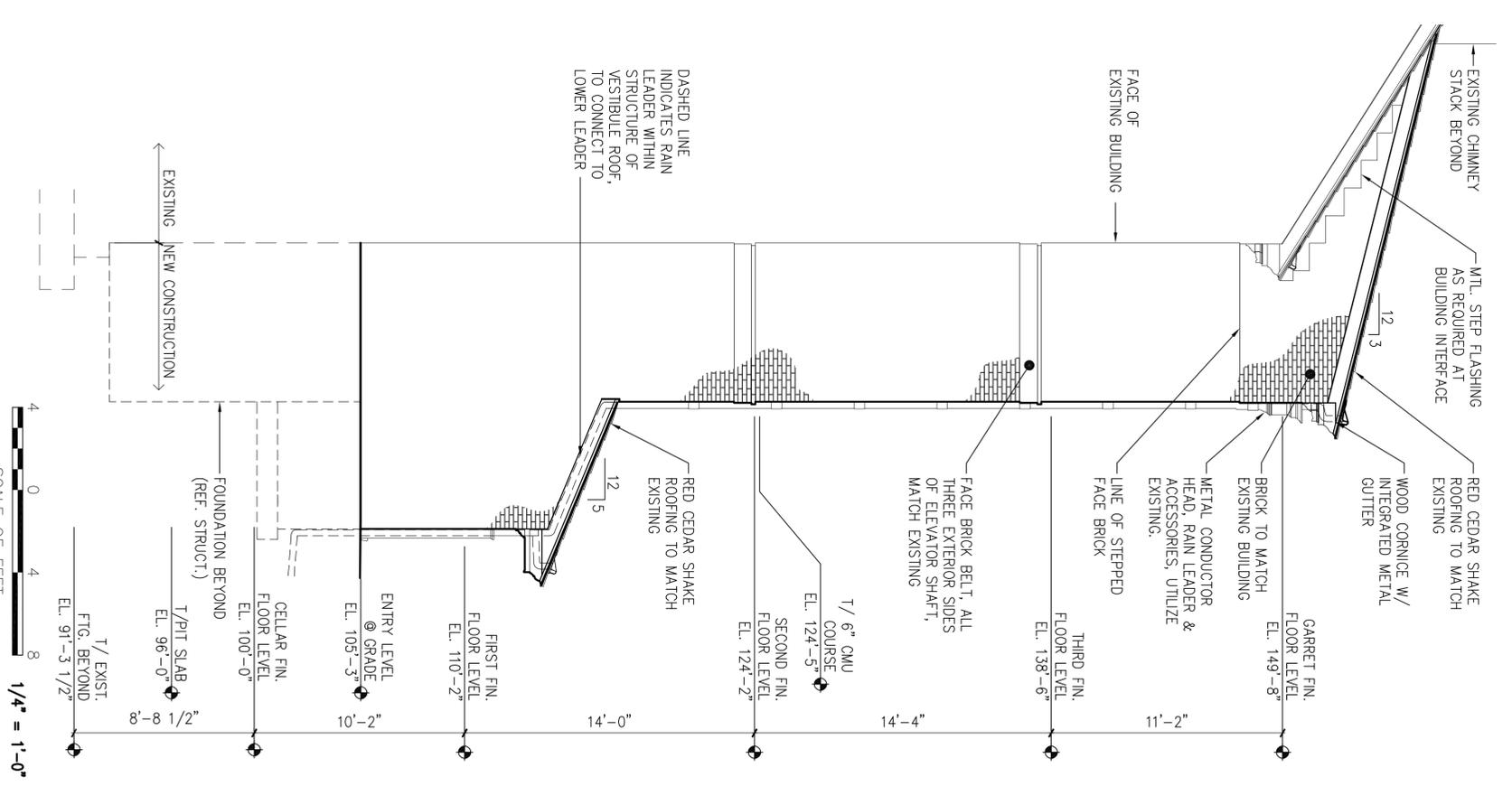
DESIGNED: RHB	SUB SHEET NO. A104	TITLE OF SHEET THIRD FLOOR & ROOF PLAN	DRAWING NO.
TECH. REVIEW: RHB	DATE: 10.06.06	INDEPENDENCE NATIONAL HISTORICAL PARK	PMS/PKG NO. 13531
		SHEET 17 OF 37	

10.06.06 QC SET (NOT FOR CONSTRUCTION)



2 WEST ELEVATION

1/4"=1'-0"

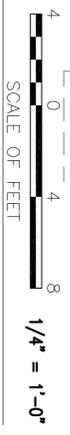
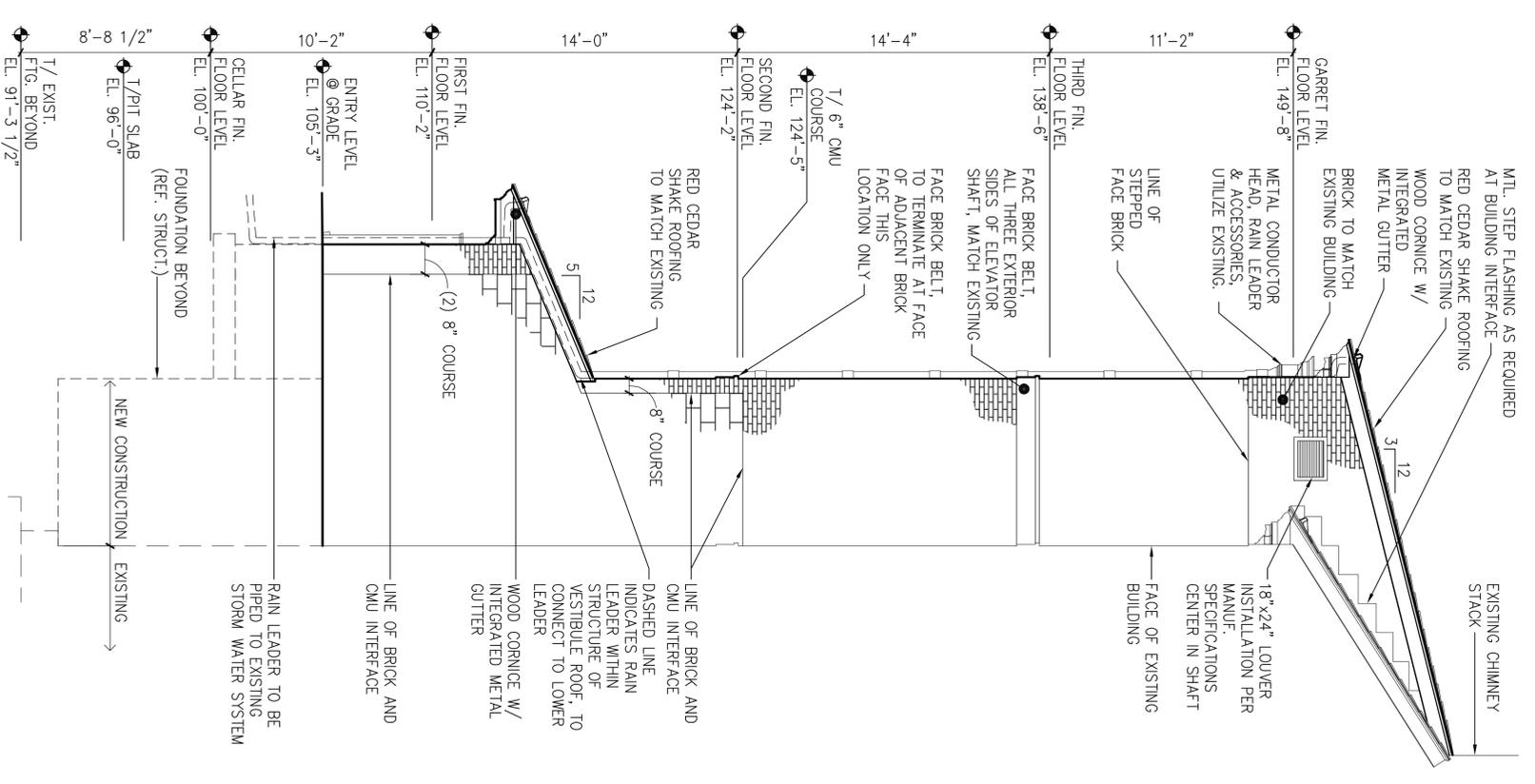


1 NORTH ELEVATION

1/4"=1'-0"

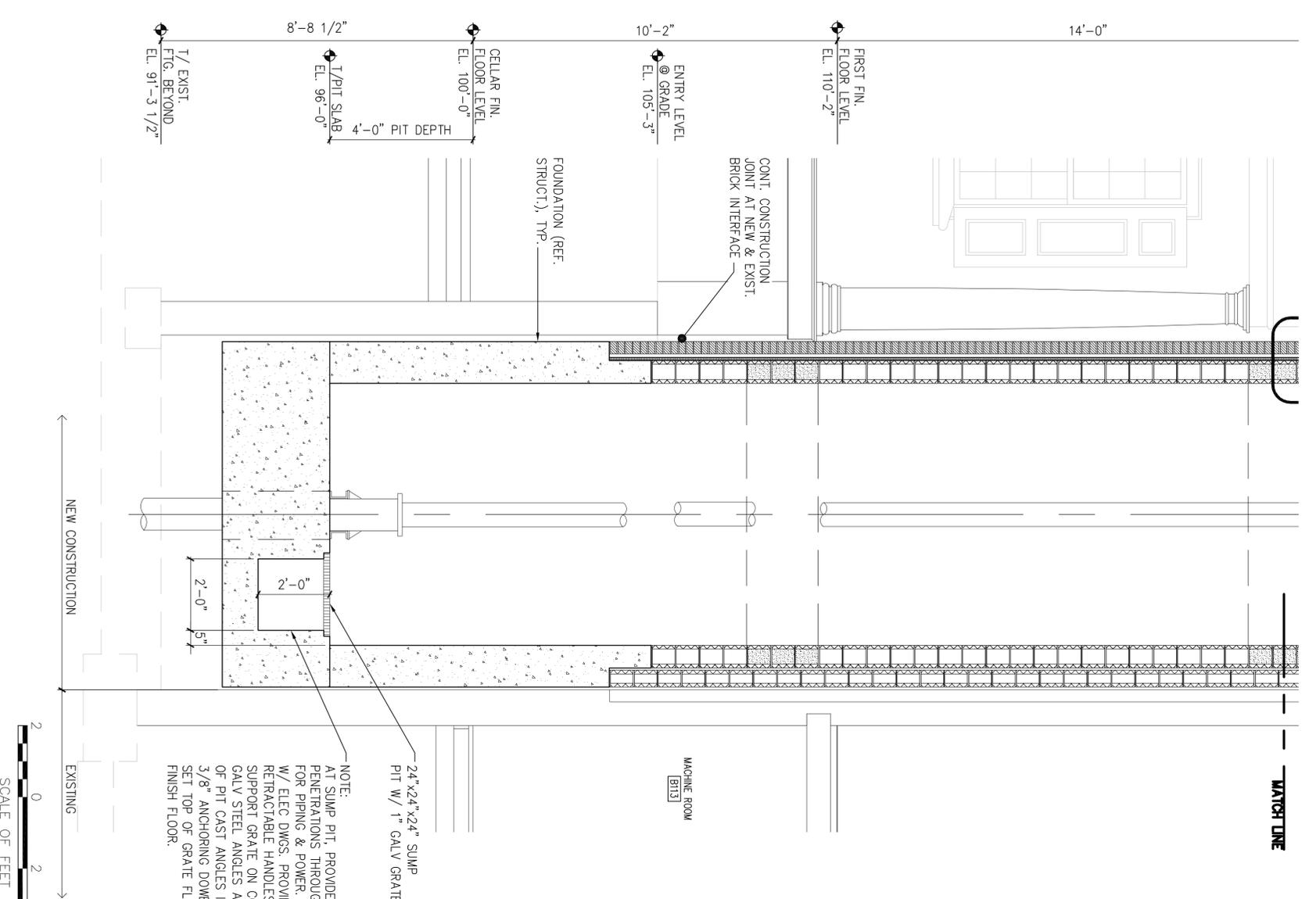
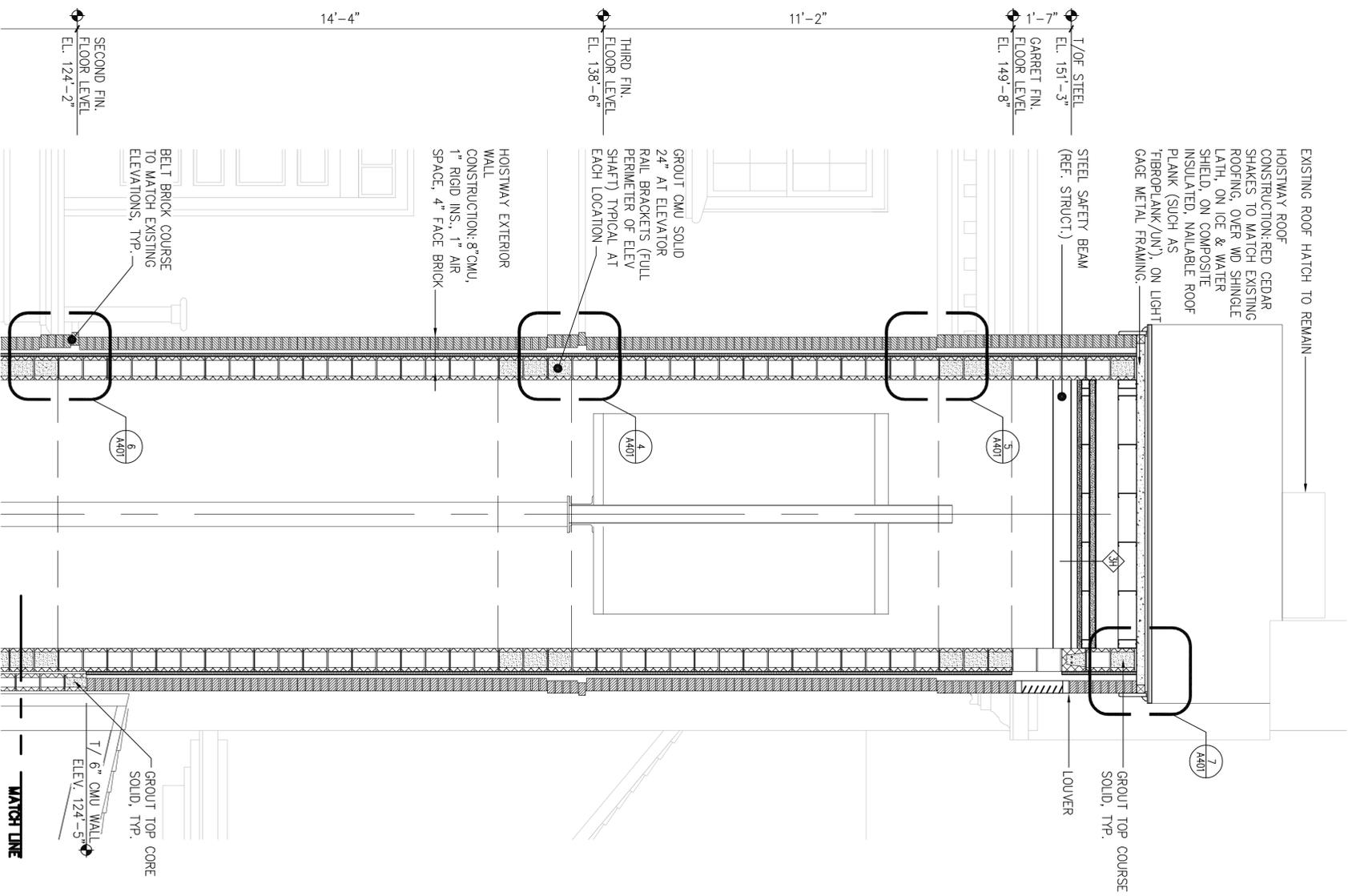
DESIGNED: RHB	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
DATE: 10.06.06	A201	EXTERIOR ELEVATIONS	
TECH. REVIEW: RHB		INDEPENDENCE NATIONAL HISTORICAL PARK	PMS/PKG NO. 1.3531
			SHEET 18 of 37

10.06.06 QC SET (NOT FOR CONSTRUCTION)



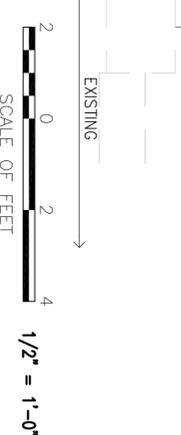
1 | SOUTH ELEVATION

DESIGNED BY RHB		SUB SHEET NO. A202		TITLE OF SHEET EXTERIOR ELEVATIONS		DRAWING NO. _____	
CHECKED BY RHB		DATE 10.06.06		INDPENDENCE NATIONAL HISTORICAL PARK		PMS/PKG NO. 13531	
TECH. REVIEW: _____						SHEET 19 OF 37	



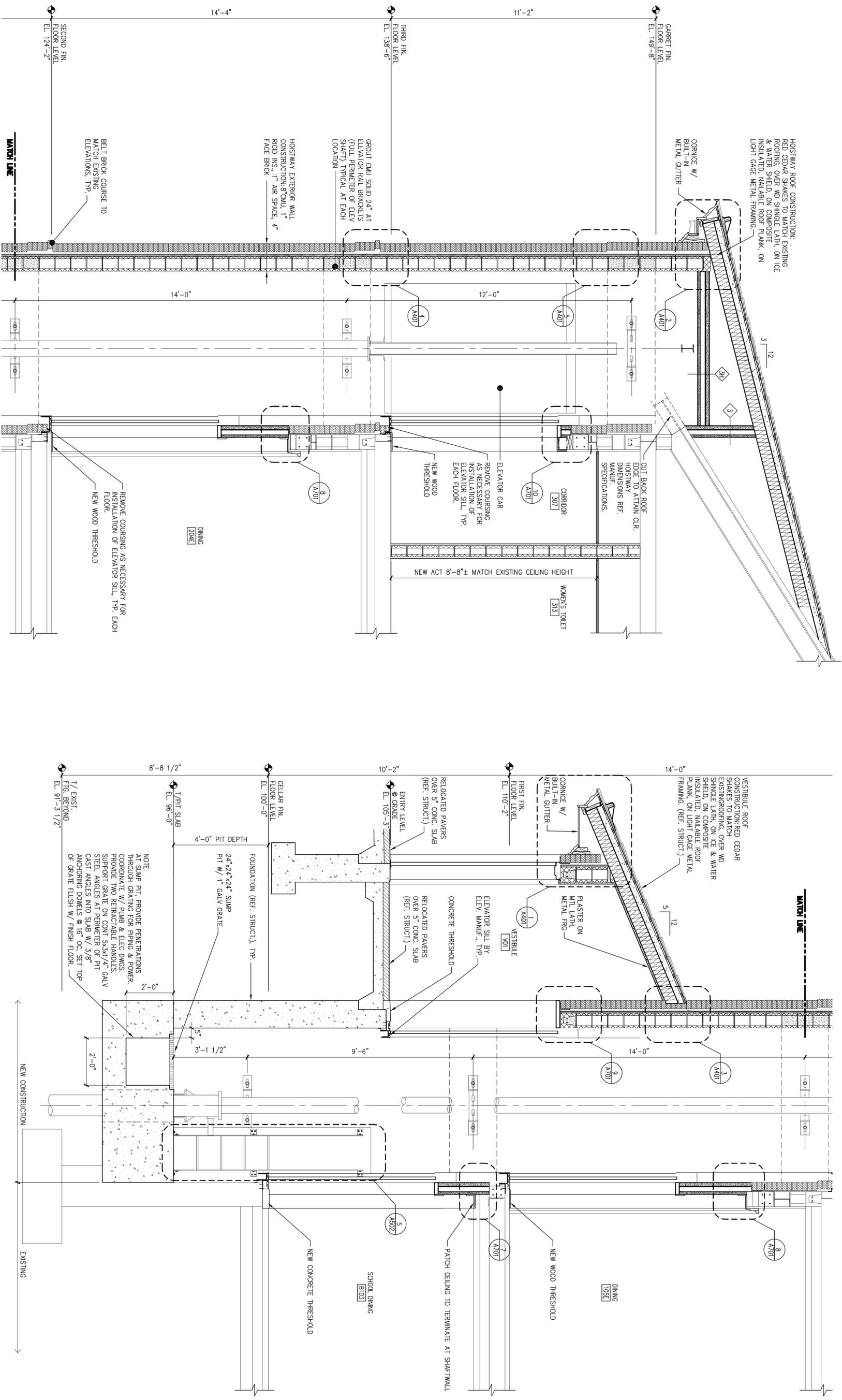
NOTE:
 AT SUMP PIT, PROVIDE PENETRATIONS THROUGH GRATING FOR PIPING & POWER, COORDINATE W/ ELEC DWGS. PROVIDE TWO RETRACTABLE HANDLES.
 SUPPORT GRATE ON CONT 5x3x1/4" GALV STEEL ANGLES AT PERIMETER OF PIT CAST ANGLES INTO SLAB W/ 3/8" ANCHORING DOWELS @ 16" OC, SET TOP OF GRATE FLUSH W/ FINISH FLOOR.

24"x24"x24" SUMP PIT W/ 1" GALV GRATE



1 ELEVATOR SHAFT SECTION NORTH/SOUTH

DESIGNED: RHB	SUB SHEET NO. A301	TITLE OF SHEET ELEVATOR SHAFT SECTION NORTH/SOUTH	DRAWING NO. _____
DATE: 10.06.06	TECH. REVIEW: RHB	INDEPENDENCE NATIONAL HISTORICAL PARK	PMS/PKG NO. 13531
			SHEET 20 of 37



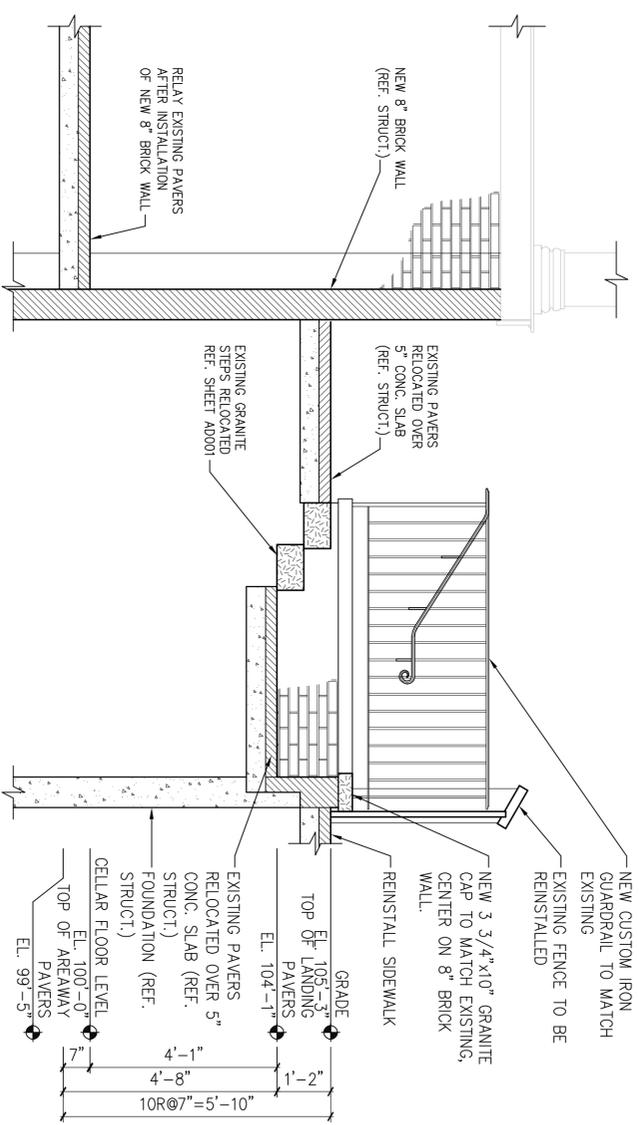
1 ELEVATOR SHAFT SECTION WEST/EAST

2
0
2
4
SCALE OF FEET

1/2" = 1'-0"

DESIGNED: RHB	DATE: 10.06.06	SUB SHEET NO. A302	TITLE OF SHEET ELEVATOR SHAFT SECTION WEST/EAST	DRAWING NO. 13531
TECH. REVIEW: RHB			INDEPENDENCE NATIONAL HISTORICAL PARK	PMS/PKG NO. 13531
				SHEET 21 OF 37

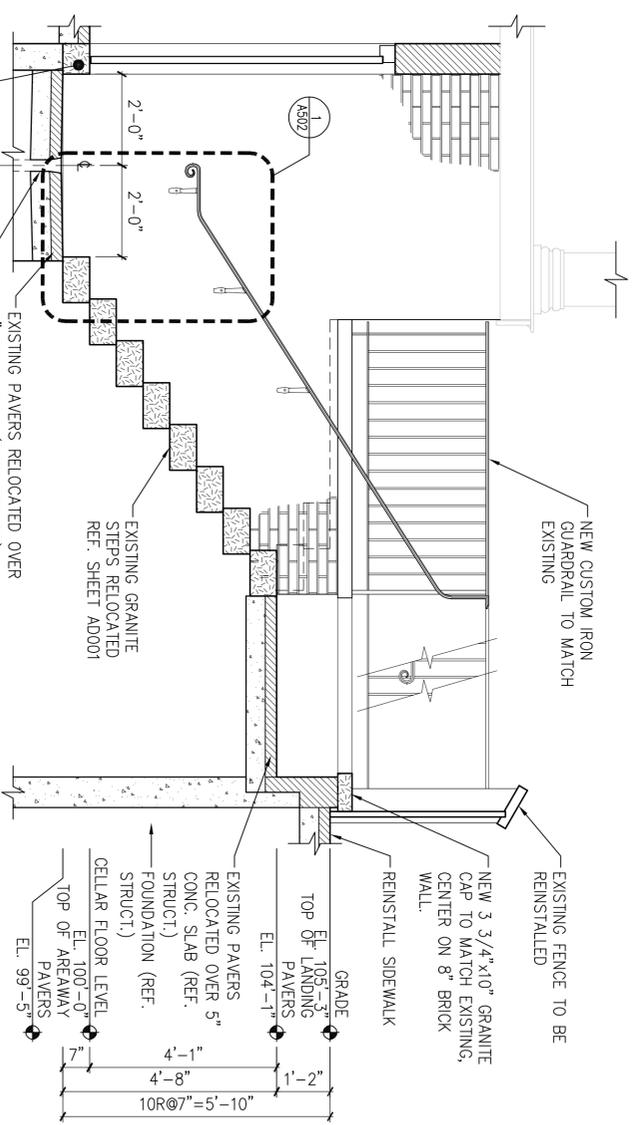
10.06.06 QC SET (NOT FOR CONSTRUCTION)



NOTE: REF SHEET A502 FOR TYPICAL STAIR DETAILS

5 STAIR SECTION

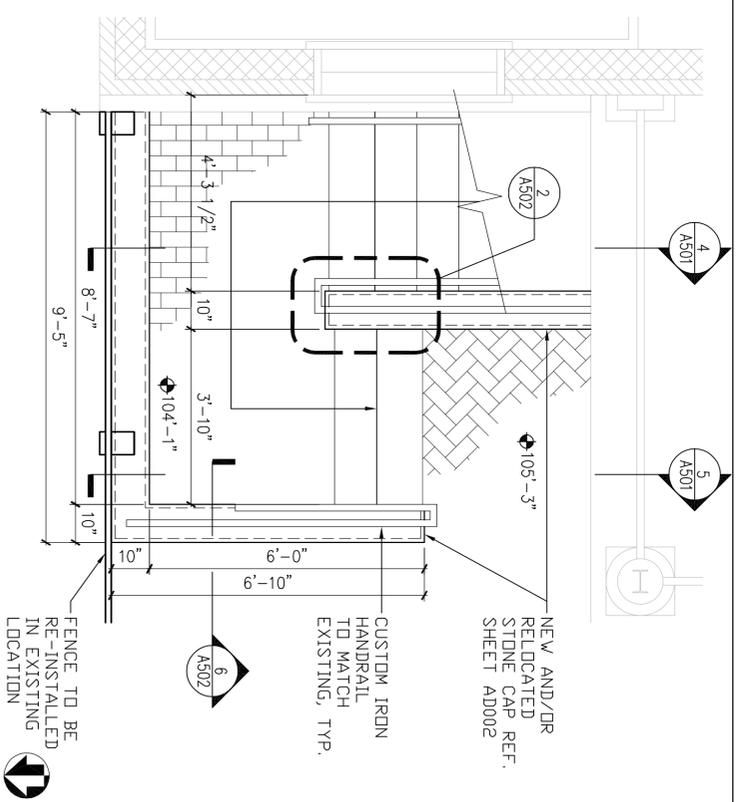
1/2"=1'-0"



NOTE: REF SHEET A502 FOR TYPICAL STAIR DETAILS

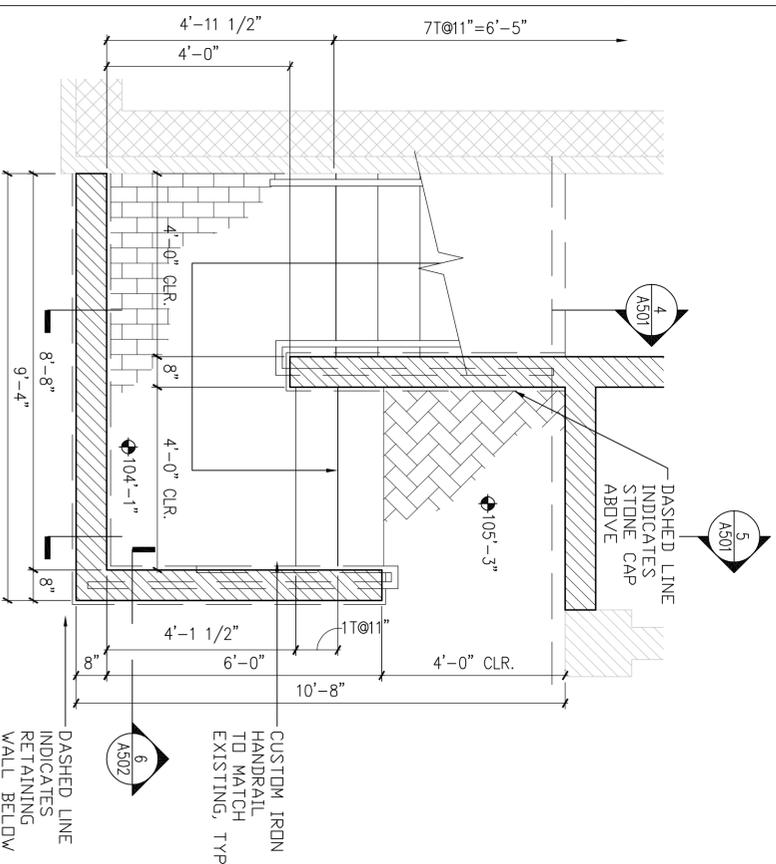
4 STAIR SECTION

1/2"=1'-0"



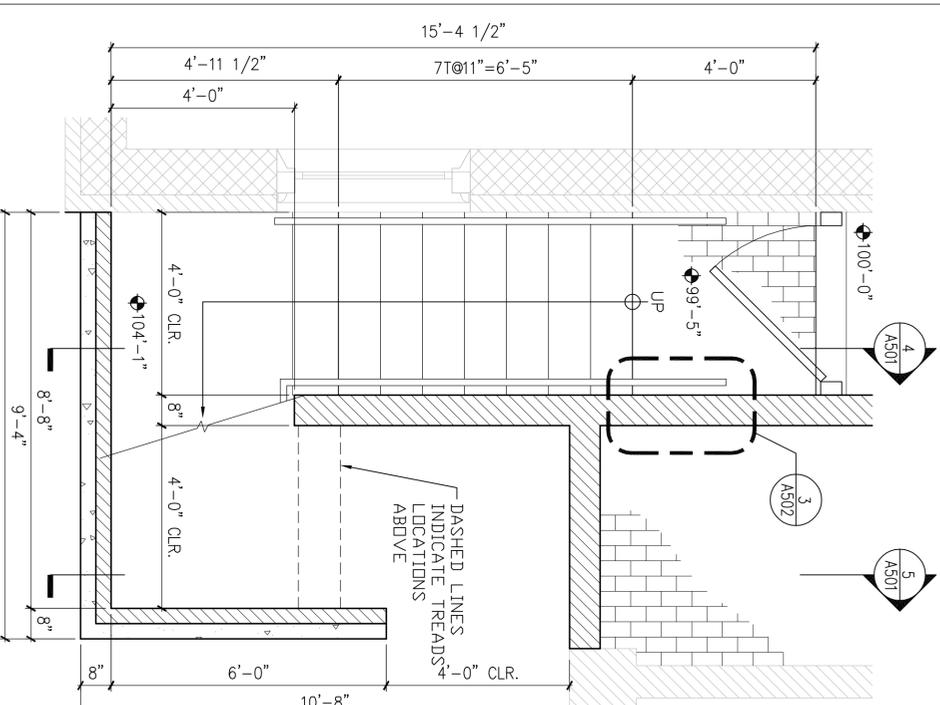
3 FIRST FLOOR STAIR PLAN

1/2"=1'-0"



2 VESTIBULE LEVEL STAIR PLAN

1/2"=1'-0"

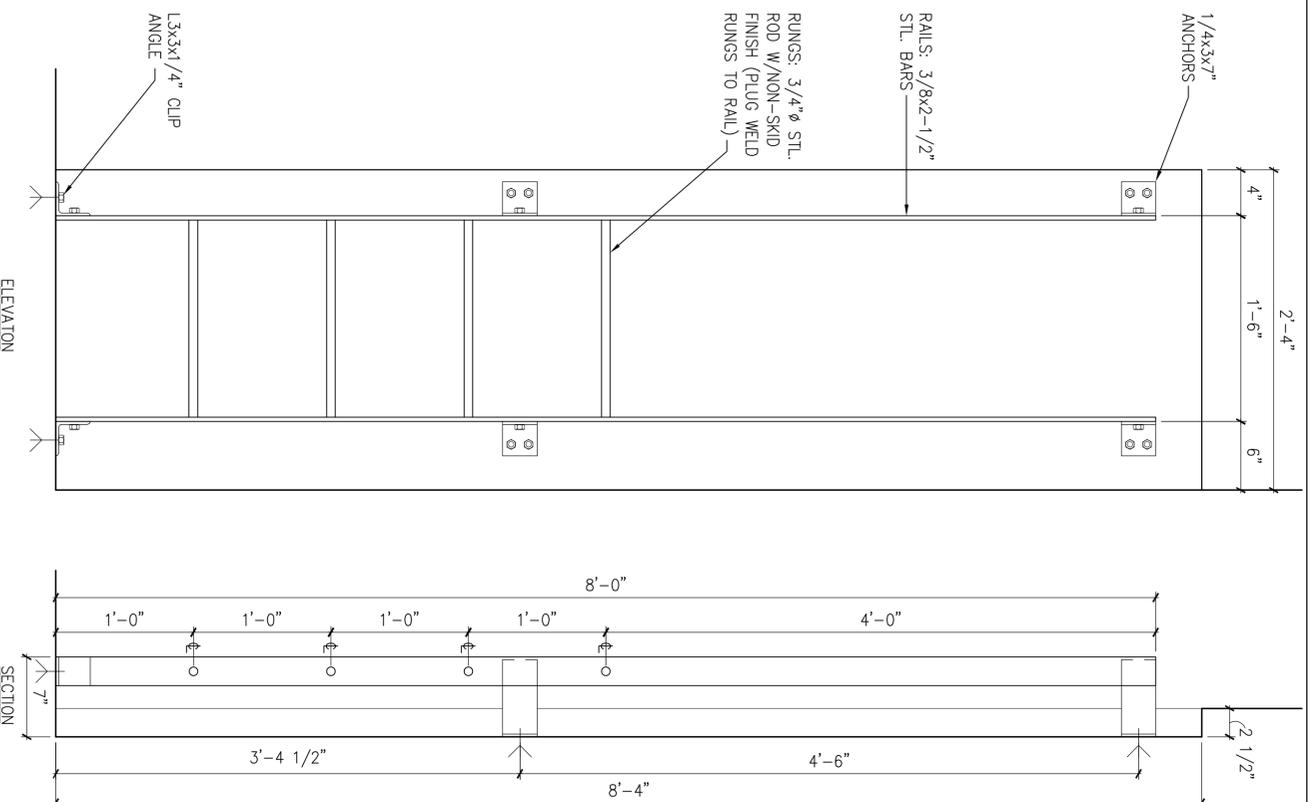


1 CELLAR STAIR PLAN

1/2"=1'-0"

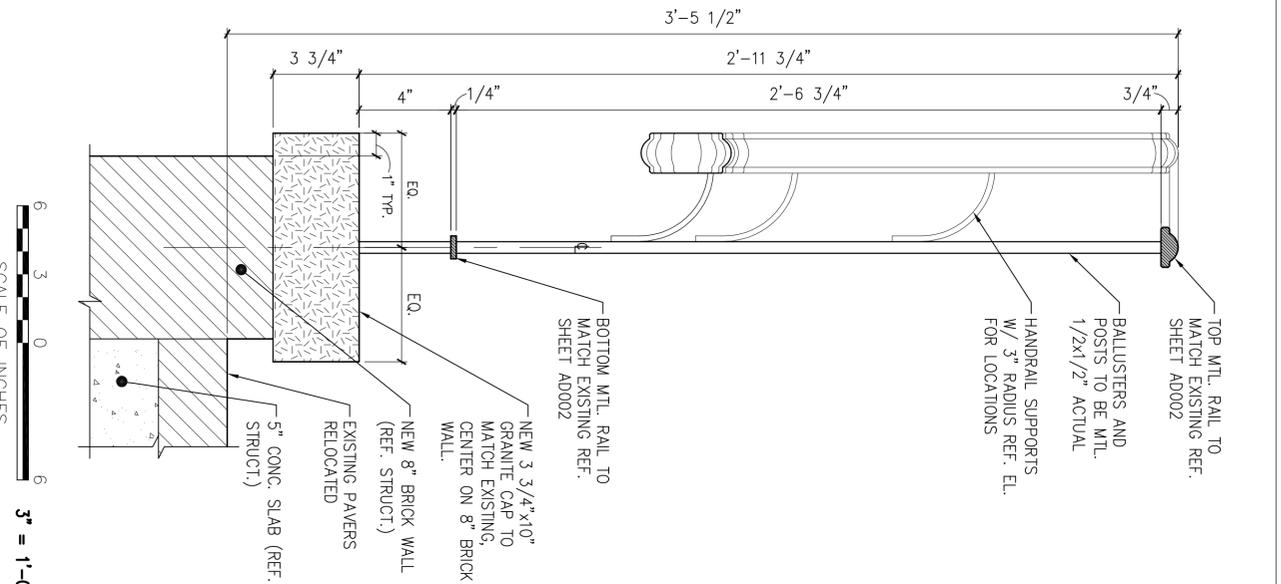


DESIGNED: RHB	SUB SHEET NO. A501	TITLE OF SHEET ENLARGED STAIR PLANS & SECTIONS	DRAWING NO. _____
DATE: 10.06.06	TECH. REVIEW: RHB	INDEPENDENCE NATIONAL HISTORICAL PARK	PMS/PKG NO. 13531
			SHEET 23 OF 37



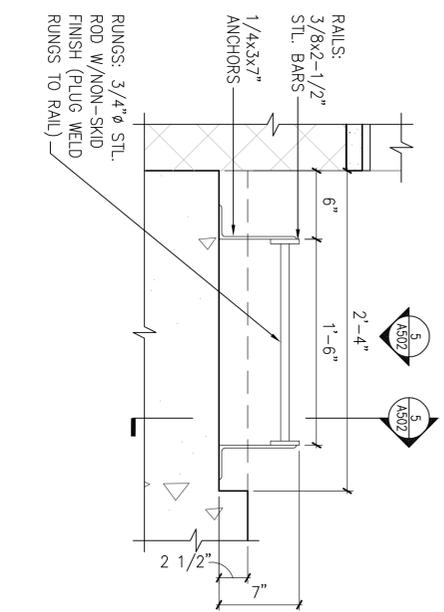
5 ELEVATOR PIT LADDER ELEVATION & SECTION

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



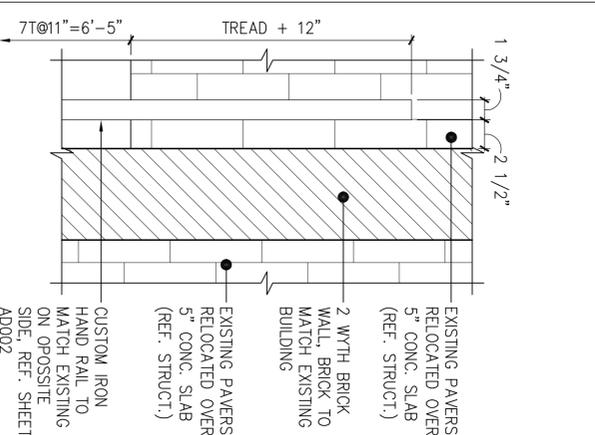
6 HANDRAIL/GUARDRAIL SECTION

3"=1'-0"



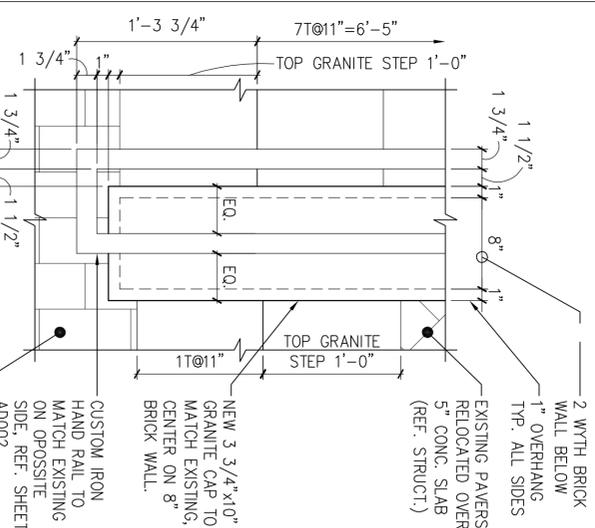
4 ELEVATOR PIT LADDER PLAN

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



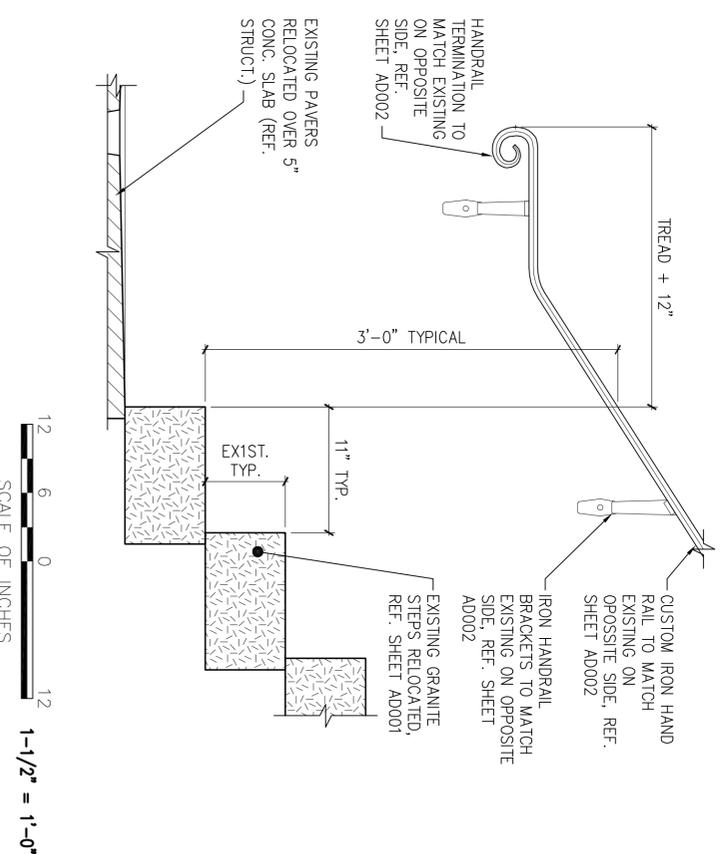
3 TYP. HANDRAIL TERM.

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



2 TYP. HANDRAIL RETURN

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



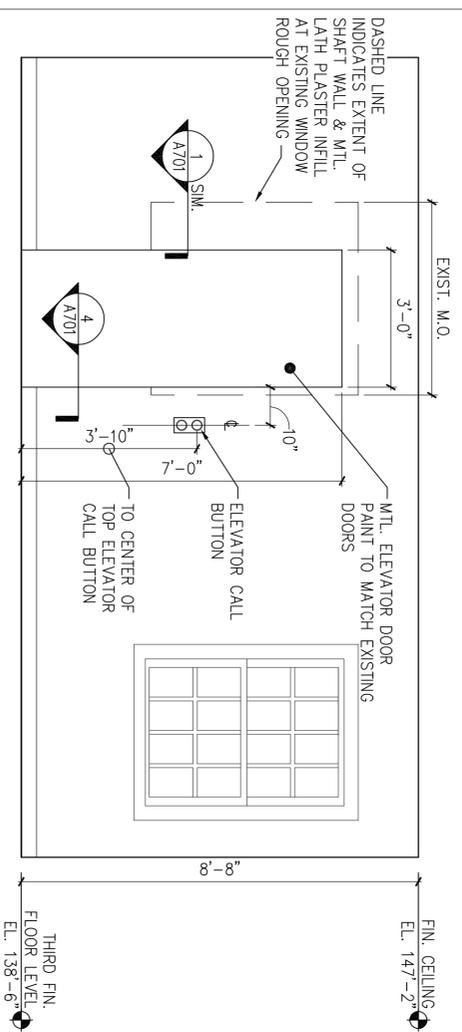
1 TYPICAL HANDRAIL MOUNTING

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



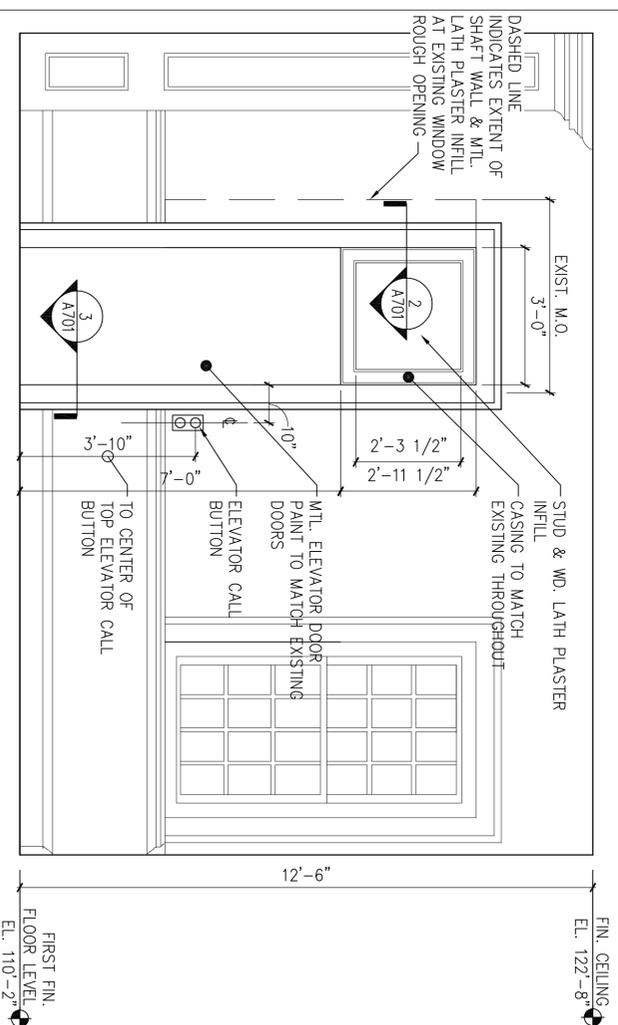
1-1/2"=1'-0"

DESIGNED: RHB	SUB SHEET NO. A502	TITLE OF SHEET	DRAWING NO.
CHECKED: RHB		TYPICAL STAIR DETAILS	
TECH. REVIEW: RHB			
DATE: 10.06.06			
		INDEPENDENCE NATIONAL HISTORICAL PARK	PMS/PKG NO. 13531
			SHEET 23 OF 37



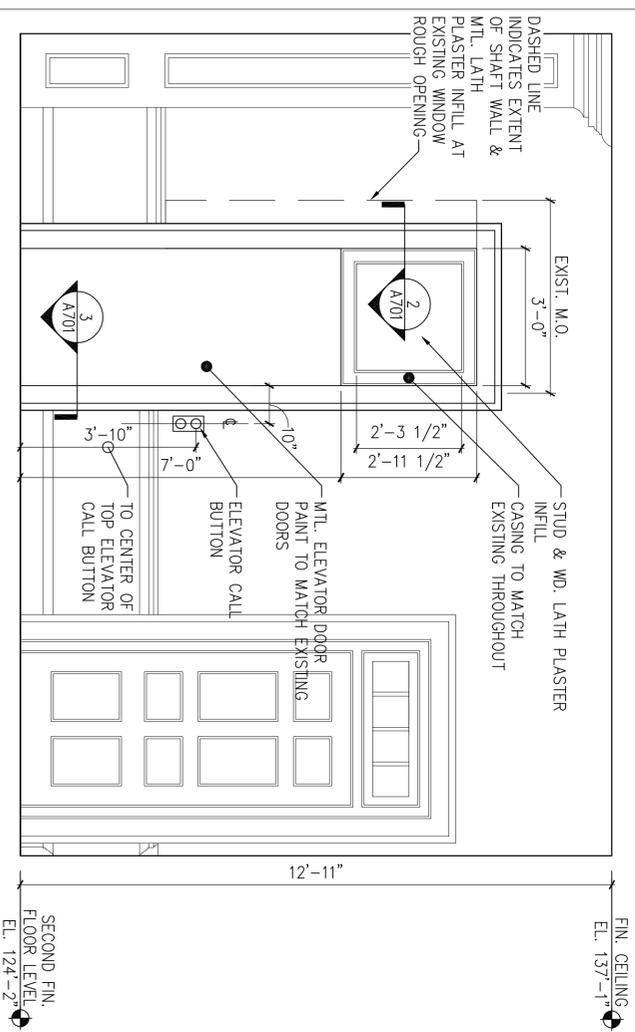
4 THIRD FLOOR ELEVATION

1/2"=1'-0"



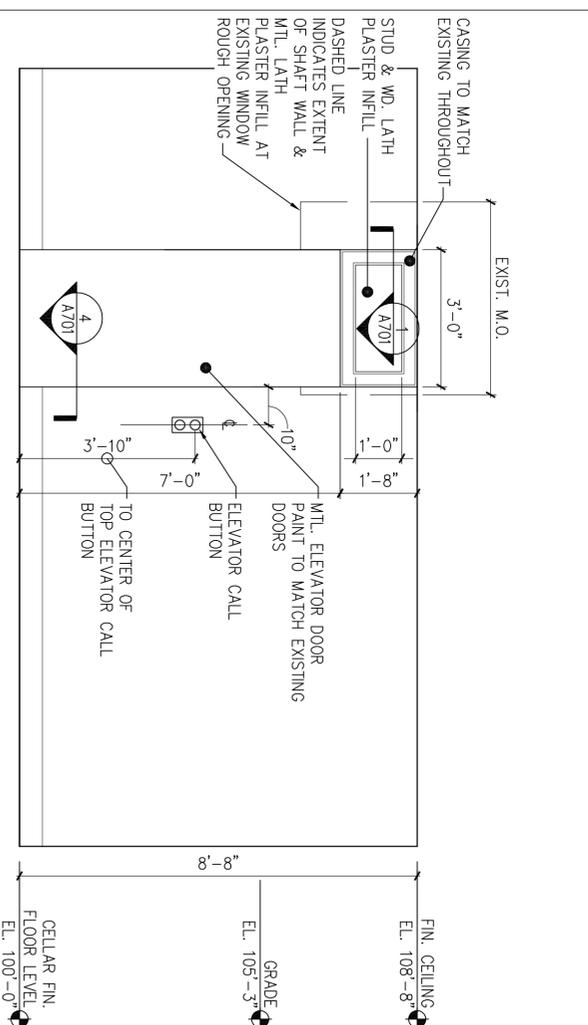
2 FIRST FLOOR ELEVATION

1/2"=1'-0"



3 SECOND FLOOR ELEVATION

1/2"=1'-0"

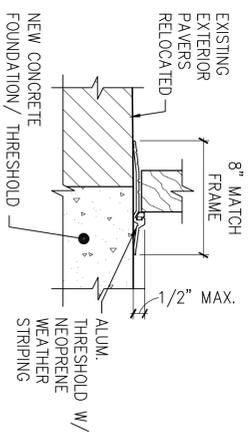


1 CELLAR ELEVATION

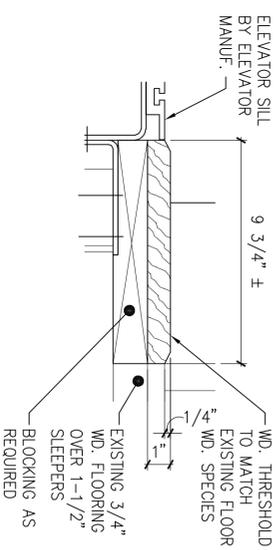
1/2"=1'-0"



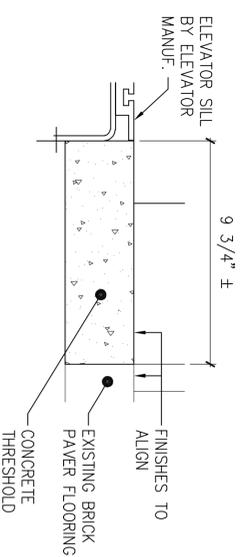
DESIGNED: RHB	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
DESIGNED: RHB		INTERIOR ELEVATIONS	
TECH. REVIEW: RHB			
DATE: 10.06.06			
	A601	INDEPENDENCE NATIONAL HISTORICAL PARK	PMS/PKG NO. 1.3531
			SHEET 25 OF 37



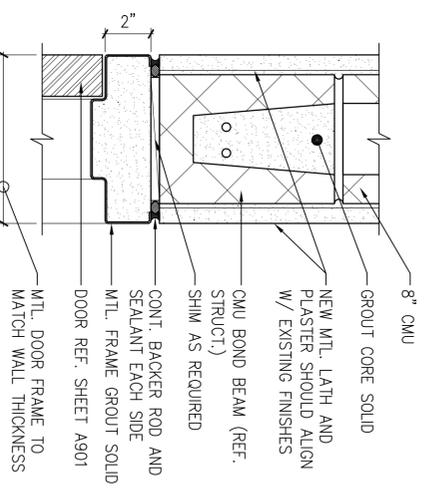
8 ALUMINUM THRESHOLD 3'-1'-0"



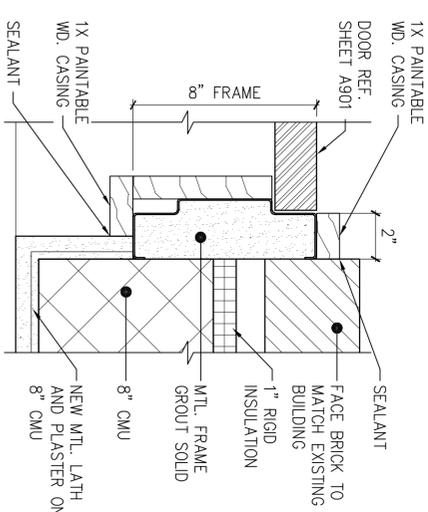
7 WOOD THRESHOLD 3'-1'-0"



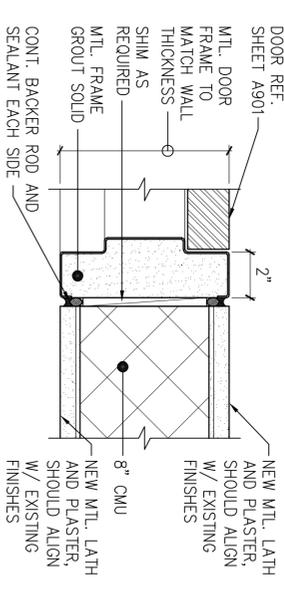
6 CONCRETE THRESHOLD 3'-1'-0"



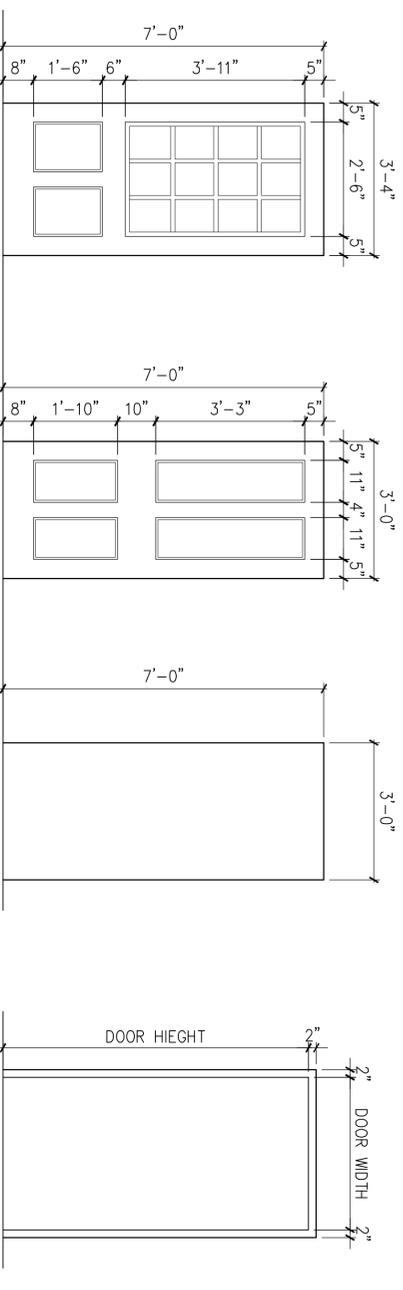
5 DOOR HEAD 3'-1'-0"



4 DOOR JAMB 3'-1'-0"



3 DOOR JAMB 3'-1'-0"



2 DOOR AND FRAME TYPES 1/2"=1'-0"

FLOOR	NO	FROM	TO	W	HT	THK	TYPE	MATL	FIN	FRAME	DETAILS				LABEL	REMARKS
											HEAD	JAMB	SILL			
CELLAR	C01	B109	B108	3'-0"	6'-8"	1-3/4"	C	HM	P	A	HM	P	12/A701	6/A701	ETR	REF. SHEETS ADO01 AND A101
	C02	B101	B109	ETR	ETR	ETR	ETR	ETR	P	ETR	ETR	ETR	ETR	ETR	ETR	REF. SHEETS ADO01 AND A101
	C03	B109	EXT	ER	ER	ER	ER	ER	P	ER	ER	ER	ER	ER	ER	REF. SHEETS ADO01 AND A101
	C04	B113	B112	3'-4"	6'-8"	1-3/4"	C	HM	P	A	HM	P	5/A901	3/A901	ER	
VESTIBULE	V01	V01	EXT	3'-4"	6'-8"	1-3/4"	A	WD	P	A	HM/WD	P	1/A401	3/A901	8/A901	
THIRD	301	307	313	3'-0"	6'-8"	1-3/4"	B	HM	P	A	HM	P	5/A901	4/A901	-	1.5

1 DOOR SCHEDULE NO SCALE

DESIGNED: RHB	SUB SHEET NO. A901	TITLE OF SHEET SCHEDULES & DETAILS	DRAWING NO. _____
TECH. REVIEW: RHB	DATE: 10.06.06	INDEPENDENCE NATIONAL HISTORICAL PARK	PMS/PKG NO. 13531
			SHEET 22 OF 37

ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION
A	AMPERE	MA	MILLIAMPERE
AC	ALTERNATING CURRENT	MAX	MAXIMUM
AFF	AMPERE FRAME	MCB	METAL CLAD CABLE
AHU	AIR HANDLING UNIT	MCC	MOTOR CONTROL CENTER
AIC	AMPERE INTERRUPTING CAPACITY	MCCB	MOTOR CONTROL CENTER
AIN	ANNUNCIATOR	MCP	MANUFACTURING CONTROL PANEL
AM	AMPERE	MFR	MANUFACTURER
ATS	AMPERE TRIP	MN	MINIMUM
ATV	AUTOMATIC TRANSFER SWITCH	MLO	MAIN LOSS ONLY
AWG	AMERICAN WIRE GAUGE	MND	MOUNTED
BB	BACKBOARD	MTR	MOTOR
BBT	BATTERY BREAKER	N	NORTH
BDC	BUILDING	NEC	NATIONAL ELECTRIC CODE
CB	CIRCUIT BREAKER	NEC-NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
CKT	CIRCUIT	NIC	NOT IN CONTACT
CL	CENTER LINE	OL	OVERLOAD
COL	COLUMN	PC	PHOTOCELL
COMM	COMMUNICATIONS	PCL	PANEL
CONN	CONNECTION, CONNECT	PRI	PRIMARY
CONV	CONVERSION	PVC	POLYVINYL CHLORIDE
CUH	CABINET UNIT HEATER	PWR	POWER
CT	CURRENT TRANSFORMER	Ø	PHASE
DET	DETECTOR	RECP	RECEPTACLE
DIA	DIAMETER	RECP-RECP	RIGID GALVANIZED STEEL CONDUIT ROOM
DISC	DISCONNECT	RSS	SCHEDULE
DIY	DIVISION	RN	ROOM
DP	DRAWING	SCH	SCHEDULE
DWG	DRAWING	SHT	SHEET
EA	EACH	SPK	SPEAKER
E	EXIT SIGN	SFR	SPARE
EL	ELEVATOR	SUSP	SUSPENDED
ELEC	ELECTRICAL	SW	SWITCH
ELU	EMERGENCY LIGHT UNIT	SWB	SWITCHBOARD
EMER	EMERGENCY	SWCH	SWITCH
EMT	ELECTRICAL METALLIC TUBING	SWGR	SWITCHGEAR
EQ	EQUIPMENT	T	TEMPORARY
EQIP	EQUIPMENT	TELE	TELEPHONE
ETR	EXISTING TO REMAIN	TEMP	TEMPORARY
EUH	ELECTRIC UNIT HEATER	TERM	TERMINAL, TERMINATE
EMC	ELECTRIC WATER COOLER	TV	TELEVISION
EMH	EXISTING WALL HEATER	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR
EMT	EXISTING METALLIC TUBING	TP	TYPICAL
EXIST	EXISTING	UG	UNDERGROUND
FA	FIRE ALARM	UN	UNIT HEATER
FACP	FIRE ALARM CONTROL PANEL	UN-NFPA	UNIT HEATER NOTED
FARA	FIRE ALARM REMOTE ANNUNCIATOR	UPS	UNINTERRUPTIBLE POWER SUPPLY
FCE	FIRE CONTROL EQUIPMENT	UTL	UTILITY
FXI	FIXTURE	VA	VOLT VOLTS
FLA	FULL LOAD AMPERES	W	WIRE
FLO	FLOOR	W/	WEATHERPROOF
FLR	FLOOR	WT	WATERIGHT
FLEX	FLEXIBLE	WTR	WATER
FLOOR	FLOOR	WT	WATER
FLOOR	FLOOR	WT	WATER
G, GND	GROUND	WT	WATER
GEN	GENERATOR	WT	WATER
GR	GROUND PAULT CIRCUIT INTERRUPTER	WT	WATER
HGT	HEIGHT	WT	WATER
HID	HIGH INTENSITY DISCHARGE	WT	WATER
HOA	HAND-OFF-AUTOMATIC	WT	WATER
HP	HORSEPOWER	WT	WATER
HTR	HEATER	WT	WATER
HW	HOT WATER	WT	WATER
IB	JUNCTION BOX	WT	WATER
J-BOX	JUNCTION BOX	WT	WATER
JCT	JUNCTION	WT	WATER
KCAL	THOUSAND Btu	WT	WATER
KVA	KILOVOLT-AMPERE	WT	WATER
KV	KILOVOLT	WT	WATER
LTS	LITER	WT	WATER
LTS	LITER	WT	WATER

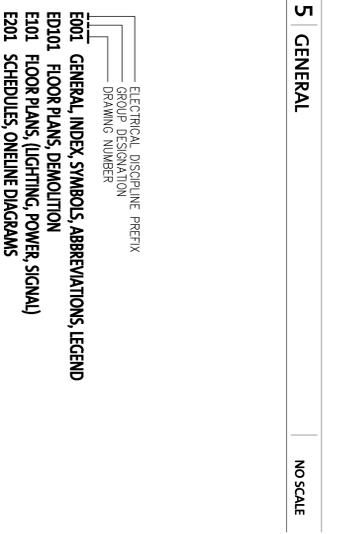
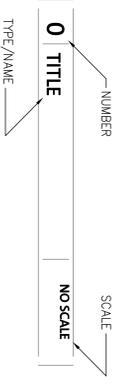
0 TITLE | NO SCALE

ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION
MA	MILLIAMPERE	MAX	MAXIMUM
MCC	MOTOR CONTROL CENTER	MCCB	MOTOR CONTROL CENTER
MCP	MANUFACTURING CONTROL PANEL	MFR	MANUFACTURER
MN	MINIMUM	MND	MAIN LOSS ONLY
MLO	MOUNTED	MTR	MOTOR
N	NORTH	NEC	NATIONAL ELECTRIC CODE
NEC-NFPA	NATIONAL FIRE PROTECTION ASSOCIATION	OL	OVERLOAD
NIC	NOT IN CONTACT	PC	PHOTOCELL
OL	OVERLOAD	PCL	PANEL
PC	PHOTOCELL	PRI	PRIMARY
PCL	PANEL	PVC	POLYVINYL CHLORIDE
PRI	PRIMARY	PWR	POWER
PVC	POLYVINYL CHLORIDE	Ø	PHASE
PWR	POWER	RECP	RECEPTACLE
Ø	PHASE	RECP-RECP	RIGID GALVANIZED STEEL CONDUIT ROOM
RECP	RECEPTACLE	RSS	SCHEDULE
RECP-RECP	RIGID GALVANIZED STEEL CONDUIT ROOM	RN	ROOM
RSS	SCHEDULE	SCH	SCHEDULE
RN	ROOM	SHT	SHEET
SCH	SCHEDULE	SPK	SPEAKER
SHT	SHEET	SFR	SPARE
SPK	SPEAKER	SUSP	SUSPENDED
SFR	SPARE	SW	SWITCH
SUSP	SUSPENDED	SWB	SWITCHBOARD
SW	SWITCH	SWCH	SWITCH
SWB	SWITCHBOARD	SWGR	SWITCHGEAR
SWCH	SWITCH	T	TEMPORARY
SWGR	SWITCHGEAR	TELE	TELEPHONE
T	TEMPORARY	TEMP	TEMPORARY
TELE	TELEPHONE	TERM	TERMINAL, TERMINATE
TEMP	TEMPORARY	TV	TELEVISION
TERM	TERMINAL, TERMINATE	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR
TV	TELEVISION	TP	TYPICAL
TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR	UG	UNDERGROUND
TP	TYPICAL	UN	UNIT HEATER
UG	UNDERGROUND	UN-NFPA	UNIT HEATER NOTED
UN	UNIT HEATER	UPS	UNINTERRUPTIBLE POWER SUPPLY
UN-NFPA	UNIT HEATER NOTED	UTL	UTILITY
UPS	UNINTERRUPTIBLE POWER SUPPLY	VA	VOLT VOLTS
UTL	UTILITY	W	WIRE
VA	VOLT VOLTS	W/	WEATHERPROOF
W	WIRE	WT	WATER
W/	WEATHERPROOF	WT	WATER
WT	WATER	WT	WATER
WT	WATER	WT	WATER

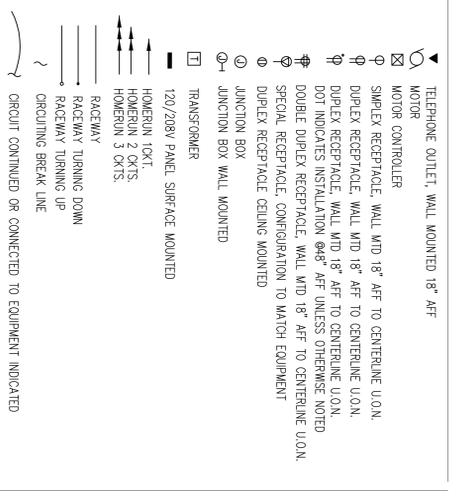
4 DRAWING GROUP ORGANIZATION | NO SCALE

ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION
MA	MILLIAMPERE	MAX	MAXIMUM
MCC	MOTOR CONTROL CENTER	MCCB	MOTOR CONTROL CENTER
MCP	MANUFACTURING CONTROL PANEL	MFR	MANUFACTURER
MN	MINIMUM	MND	MAIN LOSS ONLY
MLO	MOUNTED	MTR	MOTOR
N	NORTH	NEC	NATIONAL ELECTRIC CODE
NEC-NFPA	NATIONAL FIRE PROTECTION ASSOCIATION	OL	OVERLOAD
NIC	NOT IN CONTACT	PC	PHOTOCELL
OL	OVERLOAD	PCL	PANEL
PC	PHOTOCELL	PRI	PRIMARY
PCL	PANEL	PVC	POLYVINYL CHLORIDE
PRI	PRIMARY	PWR	POWER
PVC	POLYVINYL CHLORIDE	Ø	PHASE
PWR	POWER	RECP	RECEPTACLE
Ø	PHASE	RECP-RECP	RIGID GALVANIZED STEEL CONDUIT ROOM
RECP	RECEPTACLE	RSS	SCHEDULE
RECP-RECP	RIGID GALVANIZED STEEL CONDUIT ROOM	RN	ROOM
RSS	SCHEDULE	SCH	SCHEDULE
RN	ROOM	SHT	SHEET
SCH	SCHEDULE	SPK	SPEAKER
SHT	SHEET	SFR	SPARE
SPK	SPEAKER	SUSP	SUSPENDED
SFR	SPARE	SW	SWITCH
SUSP	SUSPENDED	SWB	SWITCHBOARD
SW	SWITCH	SWCH	SWITCH
SWB	SWITCHBOARD	SWGR	SWITCHGEAR
SWCH	SWITCH	T	TEMPORARY
SWGR	SWITCHGEAR	TELE	TELEPHONE
T	TEMPORARY	TEMP	TEMPORARY
TELE	TELEPHONE	TERM	TERMINAL, TERMINATE
TEMP	TEMPORARY	TV	TELEVISION
TERM	TERMINAL, TERMINATE	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR
TV	TELEVISION	TP	TYPICAL
TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSOR	UG	UNDERGROUND
TP	TYPICAL	UN	UNIT HEATER
UG	UNDERGROUND	UN-NFPA	UNIT HEATER NOTED
UN	UNIT HEATER	UPS	UNINTERRUPTIBLE POWER SUPPLY
UN-NFPA	UNIT HEATER NOTED	UTL	UTILITY
UPS	UNINTERRUPTIBLE POWER SUPPLY	VA	VOLT VOLTS
UTL	UTILITY	W	WIRE
VA	VOLT VOLTS	W/	WEATHERPROOF
W	WIRE	WT	WATER
W/	WEATHERPROOF	WT	WATER
WT	WATER	WT	WATER

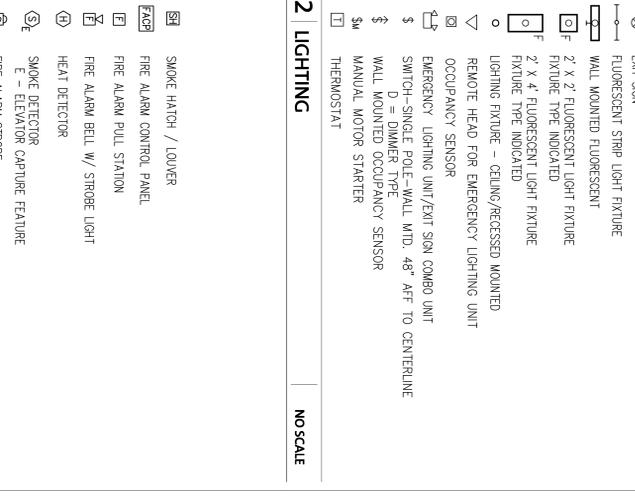
1 FIRE ALARM | NO SCALE



4 DRAWING GROUP ORGANIZATION | NO SCALE

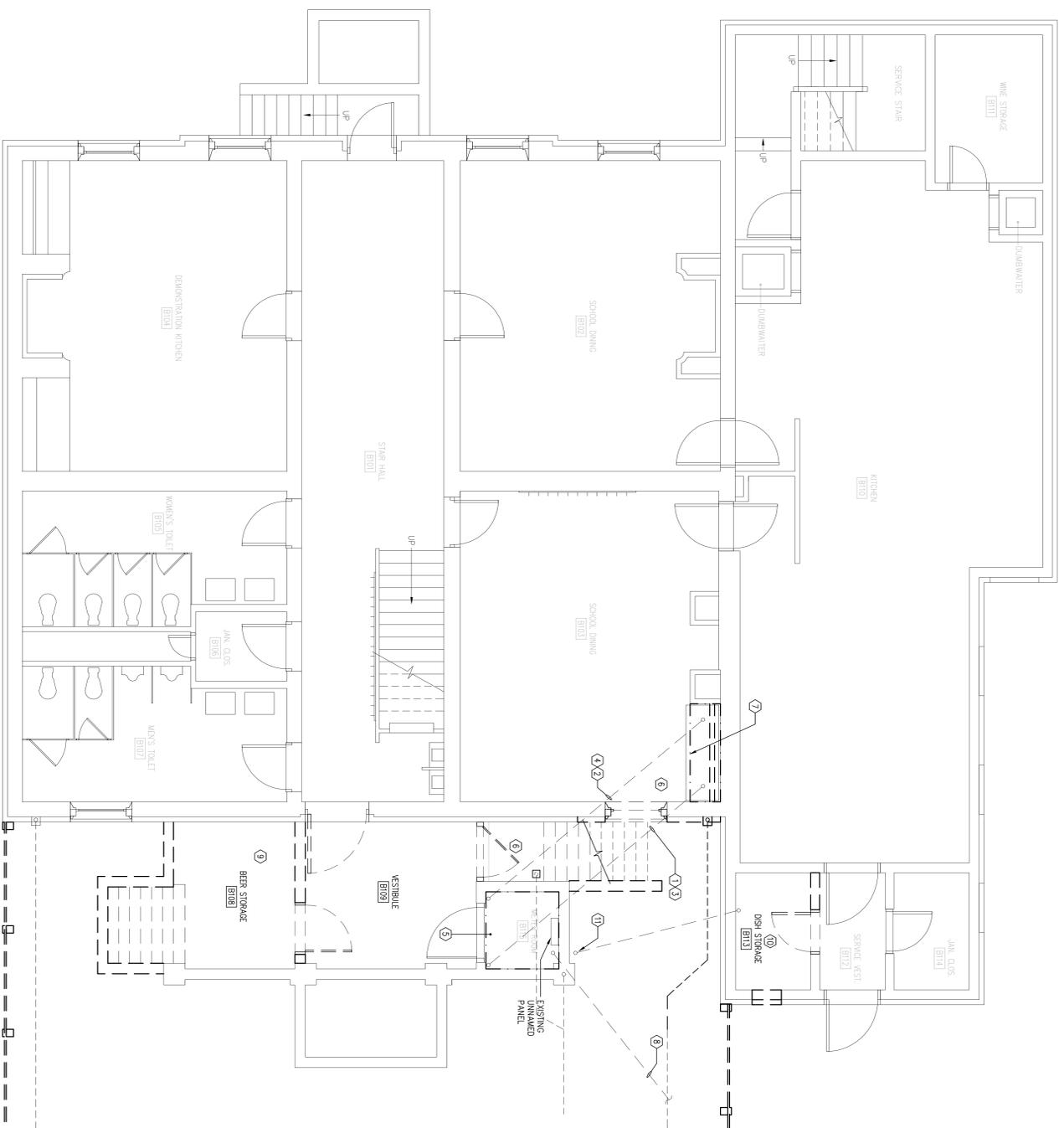


3 POWER & TELECOM | NO SCALE



1 FIRE ALARM | NO SCALE

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



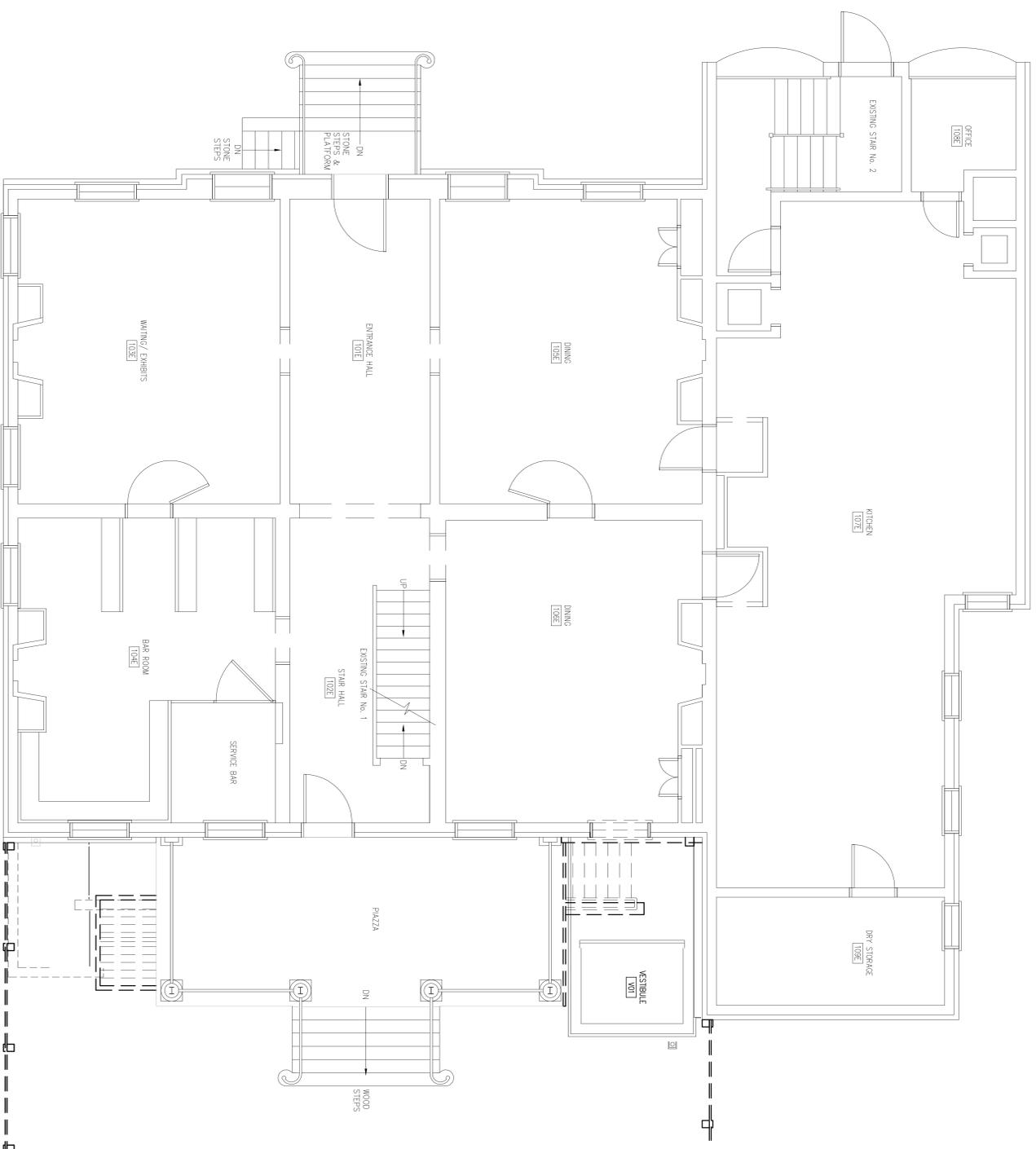
KEYED NOTES

- ① REMOVE 600A (2-3") FEED THAT INTERFERES WITH NEW ELEVATOR INSTALLATION. EXISTING CONDUIT THAT DOES NOT INTERFERE WITH 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") 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") BACK TO ATTIC DISTRIBUTION PANEL. "GP" REPLACE WITH NEW AFTER CONDUITS ARE RELOCATED.
- ④ REMOVE EXISTING CONDUCTORS (6-350 KCM IN EACH OF 2-3 1/2") 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. REMOVE EXISTING ELECTRICAL INSTALLATIONS SO THAT ALL ITEMS DISCONNECTED ARE FULLY OPERATIONAL AT THE COMPLETION OF PROPOSED WORK. MAINTAIN ELECTRICAL CONNECTIONS NECESSARY TO MAINTAIN OPERATION OF THE TANKERY 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 SERVICE DEVICE. REMOVE EXISTING FIRE ALARM WIRING AS NECESSARY TO MAINTAIN OPERATION OF EXISTING FIRE ALARM DEVICES TO REMAIN IN SERVICE.
- ⑪ EXISTING 1 1/2" CONDUIT. RELOCATE CONDUIT AND ASSOCIATED CONDUCTORS TO ACCOMMODATE NEW CONSTRUCTION. RELOCATE SIZED CONDUIT FEEDS TO ATTIC FROM 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 REMOVE WHEN TEMPORARY POWER IS NO LONGER REQUIRED. CONTRACTOR SHALL OBTAIN PERMITS FOR ALL WORK AND THE CONTRACTOR SHALL PAY 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.
BY: BGN	ED101	CELLAR ELECTRICAL REMOVAL PLAN	—
TECH. REVIEW: DATE: 10.18.06		NATIONAL HISTORICAL PARK	PNIS/PRG NO. 1.3531
			SHEET 29 OF 38

KEYED NOTES
 ① REFERENCE DRAWING ONLY — CONTRACTOR SHALL PROTECT THE EXISTING ELECTRICAL INSULATION DURING CONSTRUCTION.

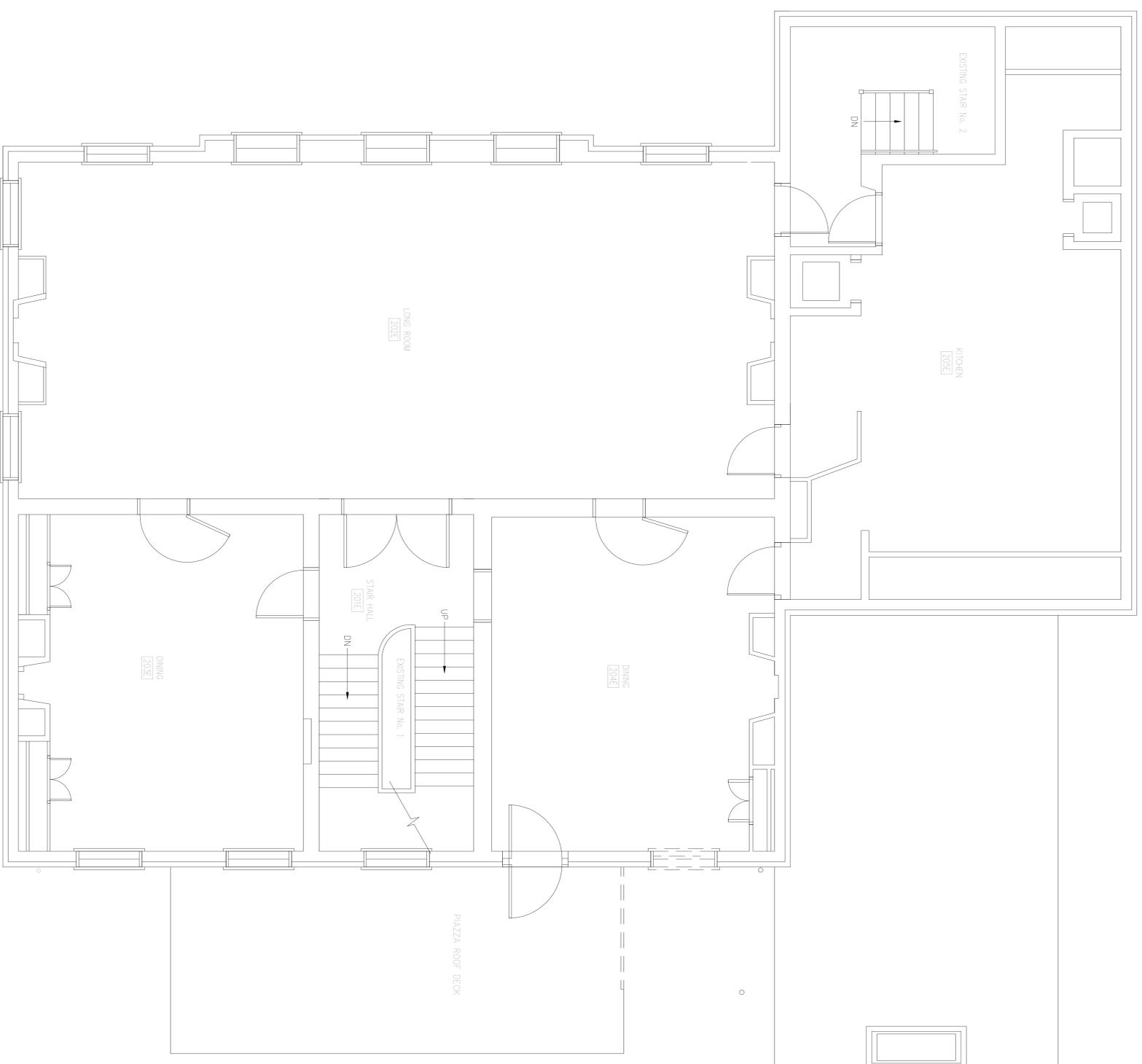


FIRST FLOOR PLAN - DEMO
 ① ED102 1/4" = 1'-0"

DESIGNED: DHD	SUB SHEET NO. ED102	TITLE OF SHEET FIRST FLOOR ELECTRICAL REMOVAL PLAN	DRAWING NO. —
TECH. REVIEW: BGN	DATE: 10.18.06	INDEPENDENCE NATIONAL HISTORICAL PARK	PNIS/PKG NO. 1.3531
			SHEET 30 of 38

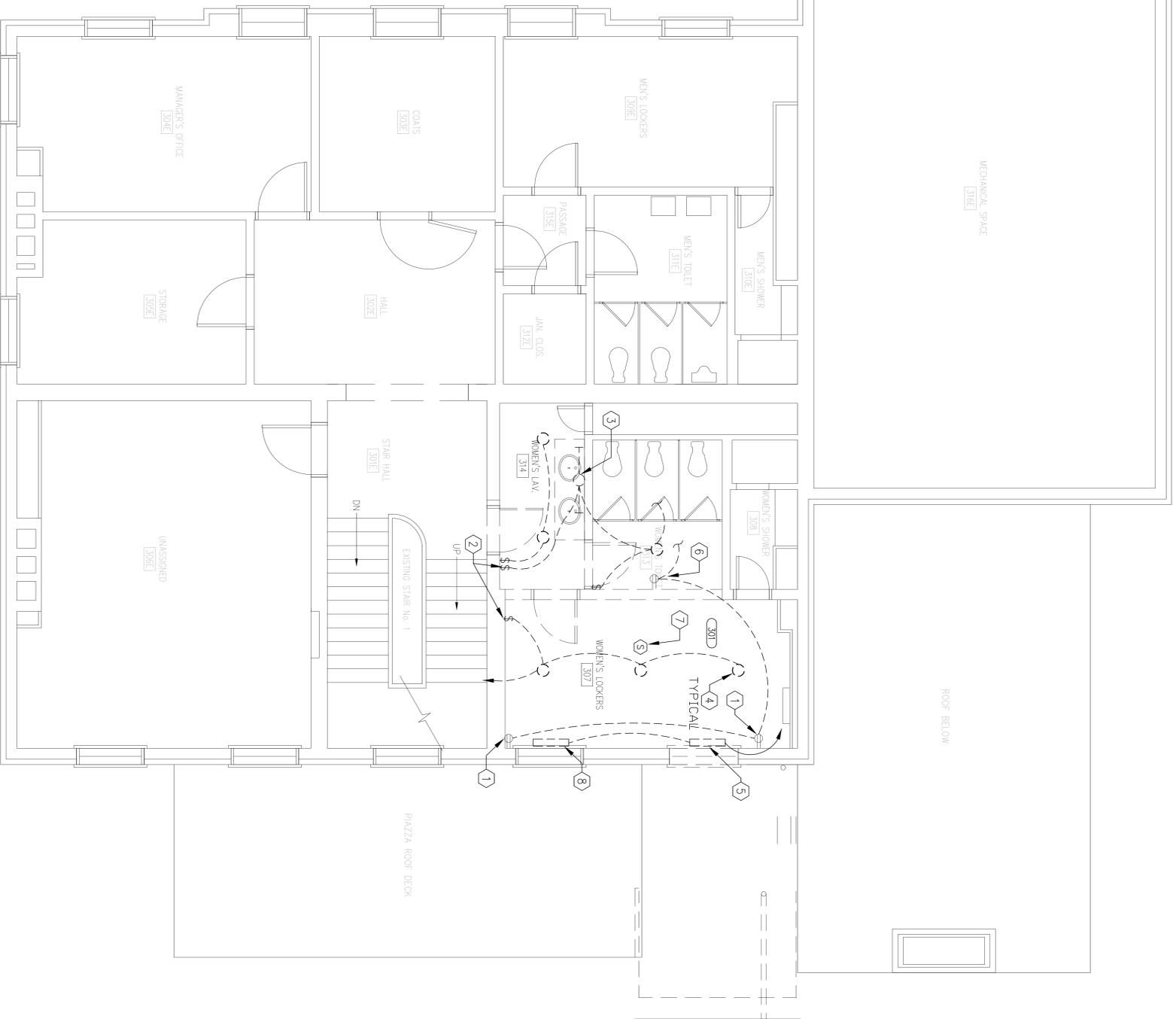
KEYED NOTES

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



1
ED103 / 1/4" = 1'-0"
SECOND FLOOR PLAN- DEMO

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

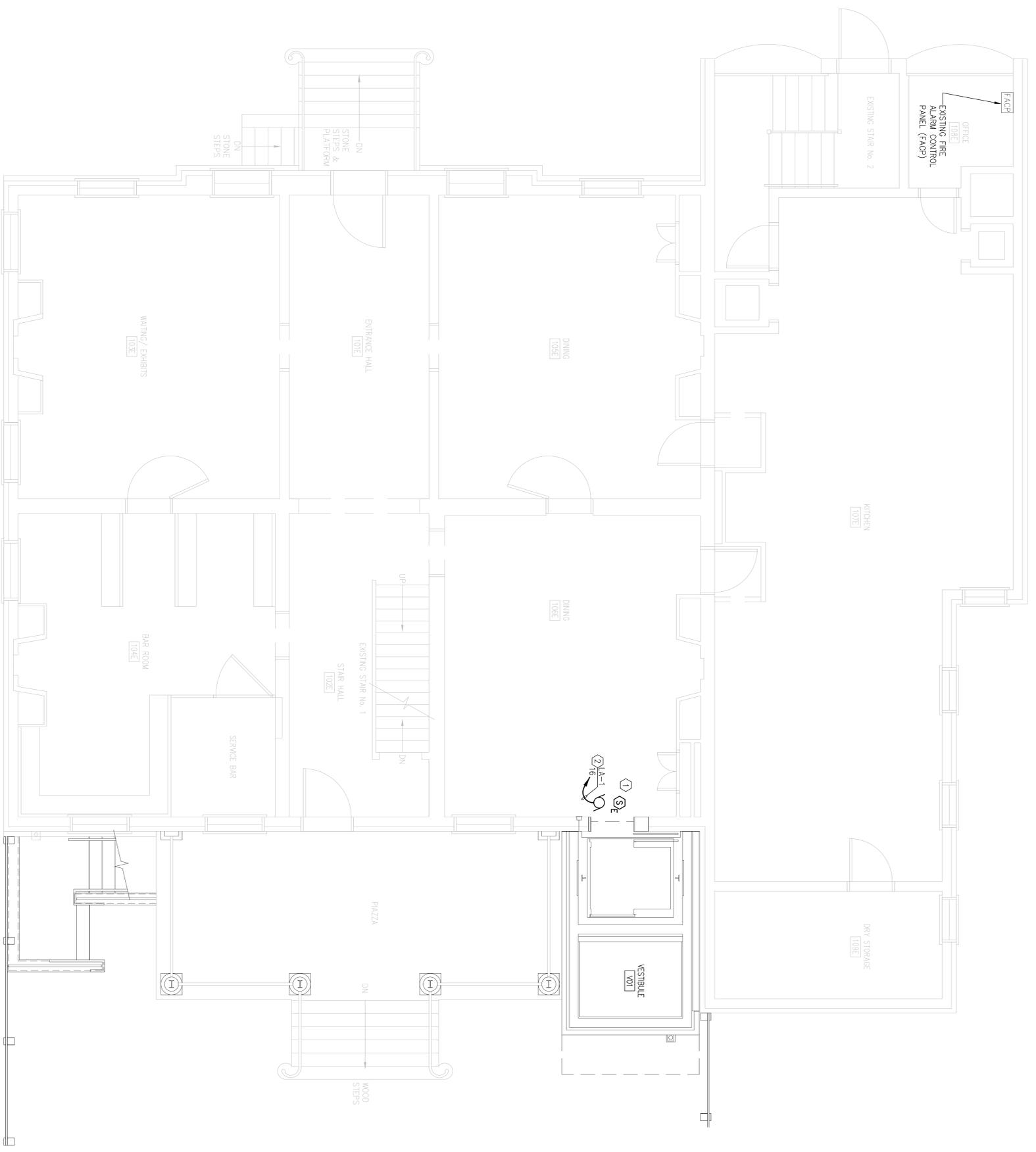


KEYED NOTES

- ① EXISTING RECEPTACLE. REMARK EXISTING BRANCH CIRCUIT WIRING/CONDUIT TO OUTSIDE OF NEW WORK ZONE AND MAINTAIN POWER TO RECEPTACLES INDICATED.
- ② DISCONNECT AND REMOVE EXISTING LIGHT SWITCHES. REMARK 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. REMARK 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). REMARK 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 REMARK 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

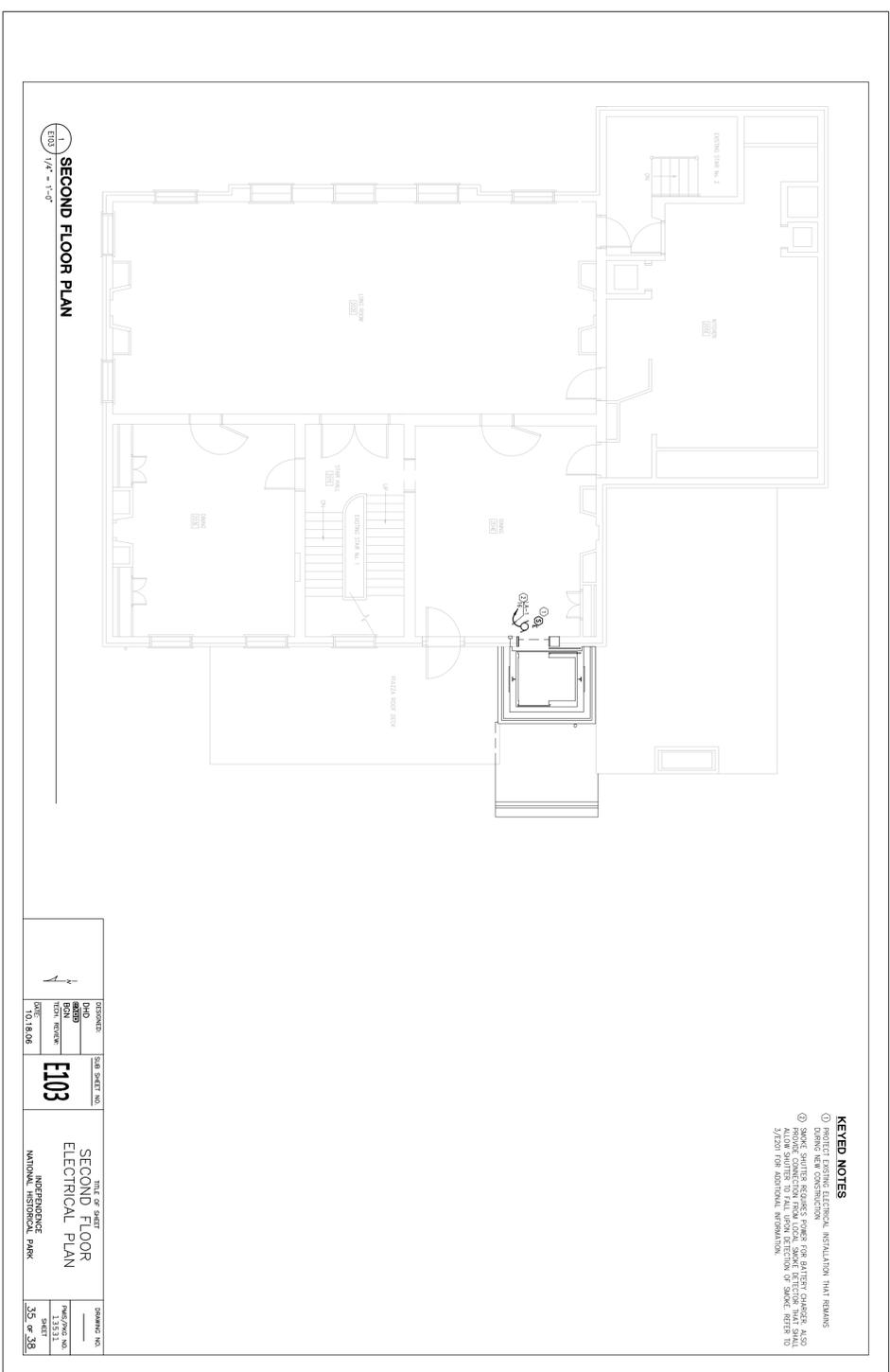
DESIGNED BY: DHD BGN	SUB SHEET NO. ED104	TITLE OF SHEET THIRD FLOOR ELECTRICAL REMOVAL PLAN	DRAWING NO. PMS/PKG NO. 1.3531
DATE: 10.18.06	TECH. REVIEW: BGN	INDEPENDENCE NATIONAL HISTORICAL PARK	SHEET 32 of 38



- 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/EZ01 FOR ADDITIONAL INFORMATION

1
FIRST FLOOR PLAN
 E102 1/4" = 1'-0"

DESIGNED BY: DHD BGN	SUB SHEET NO. E102	TITLE OF SHEET FIRST FLOOR ELECTRICAL PLAN	DRAWING NO. _____
DATE: 10.18.06		INDEPENDENCE NATIONAL HISTORICAL PARK	PMIS/PKG NO. 13531
			SHEET 34 OF 38



KEYED NOTES

- ① PROTECT EXISTING ELECTRICAL INSTALLATION THAT REMAINS
- ② DEMO'S NEW CONSTRUCTION
- ③ SMOKE SHUTTERS REQUEST'S PAGES FOR BETTER CLARITY ALSO
- ④ SMOKE SHUTTERS REQUEST'S PAGES FOR BETTER CLARITY ALSO
- ⑤ ALLOW SHUTTERS TO FALL UPON DETECTION OF SMOKE REFER TO 5/2020 FOR ADDITIONAL INFORMATION.

SECOND FLOOR PLAN

1/4" = 1'-0"

ISSUANCE	SUB SHEET NO.	DATE OF SHEET	DRAWING NO.
1	E103	SECOND FLOOR ELECTRICAL PLAN	38 OF 38
PROJECT	INDEPENDENCE NATIONAL HISTORICAL PARK		SHEET
SCALE	1/4" = 1'-0"		38 OF 38



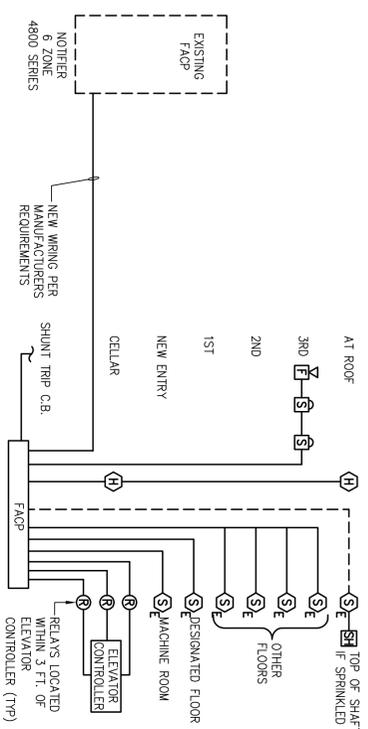
- KEYED NOTES**
- ① EXISTING LIGHT FIXTURES SHALL REMAIN OPERATIONAL IN THIS AREA. PROTECT DURING CONSTRUCTION. REWORK BRANCH CIRCUITS TO ACCOMMODATE NEW CONSTRUCTION
 - ② CONNECT TO EXISTING LIGHTING BRANCH CIRCUIT PRESENT PRIOR TO REMOVALS.
 - ③ CONNECT ELU AND EXIT LIGHTS TO THE LIGHTING BRANCH CIRCUIT 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 E104).
 - 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.

1
E104

THIRD FLOOR PLAN

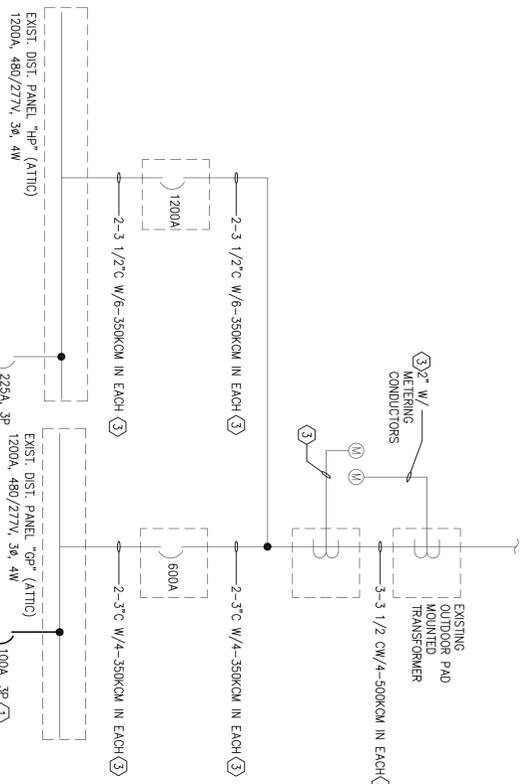
1/4" = 1'-0"

DESIGNED BY: DHD	SUB SHEET NO. E104	TITLE OF SHEET THIRD FLOOR ELECTRICAL PLAN	DRAWING NO. _____
BY: BGN		INDEPENDENCE NATIONAL HISTORICAL PARK	PMS/PKG NO. 13531
TECH. REVIEW:			SHEET 36 OF 38
DATE: 10.18.06			



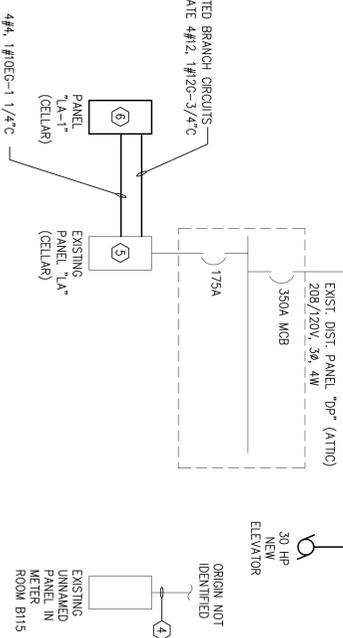
1
PARTIAL FIRE ALARM RISER DIAGRAM

E201 1/4" = 1'-0"



2
PARTIAL ONE LINE DIAGRAM

E201 1/4" = 1'-0"



3
SMOKE CURTAIN RISER

E201 1/4" = 1'-0"

LIGHTING FIXTURE SCHEDULE

TAG	TYPE	DESCRIPTION	MOUNTING	CEILING TYPE	VOLTS	LAMPS	MANUFACTURER	NOTES
FA	FLOOR	4' LONG HEAVY-DUTY INDUSTRIAL 102' UPRIGHT DE-CAST STEEL WITH WIRE GUARD	SURFACE / CHAIN AT 8'-0" AFF	-	120	(2)E3218	LITHONIA - AP SERIES COLUMBA METALUX	
FB	FLOOR	VAPORITE STYLE ENCLOSED / GASKETED FLOOR FINISH CORROSION RESISTANT CLEAR GLASS GLOBE W/GUARD	SURFACE WALL	-	120	(1)19Q 13W	HUBBELL - NVO SERIES QUTH - PVM SERIES GROSS HINDS	
FC	FLOOR	6 RECESSED COMPACT FLUORESCENT DOWNLIGHT OPEN REFLECTOR, HORIZONTAL LAMP, SPEEDLARK CLEAR REFLECTOR	RECESSED CEILING	LAV-IN	120	(2)E3218 SP25/R8	LITHONIA - AP SERIES COLUMBA METALUX	
FD	FLOOR	TO BE DETERMINED BY ARCHITECT ALLOW \$500 EA - MATERIAL ONLY CONTRACTOR SHALL ALSO INCLUDE LABOR	SURFACE	-	120	(2)E3218	LITHONIA - WP SERIES COLUMBA METALUX	PROVIDE SAME MFR. AS EM2 UNIT
FE	FLOOR	4'-0" WALL BRACKET FLUORESCENT FIXTURE DAMP LOCATION RATED, HIGH IMPACT ACRYLIC DIFFUSER, UP-DOWN LIGHT	SURFACE WALL	-	120	(2)9W KRYPTON	LITHONIA - ELW27 SERIES CHLORIDE PRESOLUTE	
EX	LED	DE-CAST ALUMINUM EXIT SIGN UNIVERSAL MOUNT, SELF DIAGNOSTIC N-CAD BATTERY - 1 1/2HR OPERATION	UNIVERSAL	DRYWALL AND LAV-IN	120	RED LED	LITHONIA - SIGNATURE SERIES PRESOLUTE METALUX	
EM1	INC.	CONTINGUARY THERMOPLASTIC EMERGENCY LIGHTING UNITS, MAINTENANCE FREE LEAD-CALCIUM BATTERY, W/ SELF DIAGNOSTICS OPTION	SURFACE WALL	-	120	(2)15.4W KRYPTON	LITHONIA - ELW27 SERIES CHLORIDE PRESOLUTE	
EM2	INC.	CONTINGUARY THERMOPLASTIC EMERGENCY LIGHTING UNITS, MAINTENANCE FREE LEAD-CALCIUM BATTERY, W/ SELF DIAGNOSTICS OPTION AND INCREASED CAPACITY FOR REMOTE HEADS	SURFACE WALL	-	120	(2)9W KRYPTON	LITHONIA - ELW27 SERIES CHLORIDE PRESOLUTE	
INC.	INC.	REMOTE HEAD FOR EM UNIT	SURFACE	-	6V		LITHONIA - ELA SERIES COLUMBA METALUX	

KEYED NOTES

- PROVIDE NEW 100 AMP, 3 POLE CIRCUIT BREAKER IN EXISTING DISTRIBUTION PANEL "GP".
- 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)
- REWORK EXISTING FEEDERS / METERING CONDUITS W/ CONDUCTORS AS OUTLINED ON DRAWING ED101.
- REWORK 100A FEED TO ACCOMMODATE NEW CONSTRUCTION.
- PROVIDE 60A/3P CIRCUIT BREAKER IN EXISTING PANEL "LA". RELOCATE EXISTING BRANCH CIRCUITS AS NECESSARY TO NEW PANEL "LA-1" TO ACCOMMODATE INSTALLATION OF NEW BREAKER. 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.
- REFER TO PANEL SCHEDULE FOR ADDITIONAL INFORMATION.

PANEL LA-1

LOCATION: B114
A.L.C. RATING: 10,000
208/120V, 3#4, 4 WIRE, 100 AMP BUS
M.L.O.
MAIN CKT. BRK. A.
MOUNTING: SURFACE FLUSH
WITH GROUNDING BUS

CONN. CKT. LOAD KVA	LOAD DESCRIPTION	WIRE SIZE	CIRCUIT BREAKER TRIP	PHASE	CIRCUIT BREAKER TRIP	WIRE SIZE	LOAD DESCRIPTION	CONN. LOAD KVA	CKT
1	0.3	12 20/1			20/2	12	CABINET HEATER	1.0	2
3	0.5	12 20/1			20/1	12	FACE (NEW) *	0.5	4
5	0.3	12 20/1			20/1	12	SHUNT TRIP *	0.1	8
7	0.2	12 20/1			20/1	12	RECP. FOR SUMP PUMP	0.1	10
9	1.0	12 20/1			20/1	12	RECP. FOR AC-1 UNIT	0.8	12
11	1.0	12 20/1			20/1	12	RECP. FOR AC-1 UNIT	0.8	12
13	1.0	12 20/1			20/1	12	SMOKE SHUTTER	0.1	16
15	-	12 20/1			20/1	12	SMOKE SHUTTER	0.1	16
17	-	12 20/1			20/1	12	OIL SEPARATOR	0.2	18
19	-	12 20/1			20/1	12	SPARE	-	20
21	-	12 20/1			20/1	12	SPARE	-	22
23	-	12 20/1			20/1	12	SPARE	-	24
25	-	12 20/1			20/1	12	SPARE	-	26
27	-	12 20/1			20/1	12	SPARE W/ BUSSING	-	28
29	-	12 20/1			20/1	12	SPARE W/ BUSSING	-	30

TOTAL CONNECTED LOAD = 30 KVA

* PROVIDE MANUFACTURER APPROVED LOCK OFF DEVICE

DESIGNED: DHD	SUB SHEET NO.	TITLE OF SHEET	DRAWING NO.
BGN	E201	ONE LINE DIAGRAM, FA RISER, SCHEDULES & DETAILS	PMIS/PKG NO. 1.3531
TECH. REVIEW:		NATIONAL HISTORICAL PARK	SHEET 37 of 38
DATE: 10.18.06			