



UNITED STATES OLYMPIC MUSEUM
100% SCHEMATIC DESIGN

Sheet Number	Sheet Title	Scale
G-000	Cover Sheet	NTS
G-001	Project General Notes and Abbreviations	NTS
G-100	Level -1 Plan (Basement)	1/16" = 1'-0"
G-101	Level 1 Plan (Ground Floor)	1/16" = 1'-0"
G-101a	Level 1 Mezzanine Plan	1/16" = 1'-0"
G-102	Level 2 Plan	1/16" = 1'-0"
G-103	Level 3 Plan (Upper Floor)	1/16" = 1'-0"
G-104	Roof Plan	1/16" = 1'-0"
G-104a	Exploded Axonometric	NTS
C-100	Existing Conditions	1" = 20'-0"
C-101	Preliminary Utilities	1" = 20'-0"
C-102	Profile Section	1" = 5'-0"
L-101	Site Plan	1" = 20'-0"
L-102	Grading Plan	1" = 20'-0"
L-103	Planting Plan	1" = 20'-0"
L-201	Site Sections	1" = 20'-0"
L-202	Site Sections	1" = 10'-0"
A-001	Site Plan	1/32" = 1'-0"
A-100	Level -1 Plan Basement	1/16" = 1'-0"
A-101	Level 1 Plan Ground Floor	1/16" = 1'-0"
A-101a	Level 1 Plan Mezzanine	1/16" = 1'-0"
A-102	Level 2 Plan Lower Exhibit	1/16" = 1'-0"
A-103	Level 3 Plan Upper Exhibit	1/16" = 1'-0"
A-104	Roof Plan	1/16" = 1'-0"
A-201	Elevations: North - South	1/16" = 1'-0"
A-202	Elevations: East - West	1/16" = 1'-0"
A-301	Sections: North - South	1/16" = 1'-0"
A-302	Sections: East - West	1/16" = 1'-0"
A-401	Details	AS NOTED
XO-101	Exhibit Plans	1/8" = 1'-0"
XO-102	Exhibit Plans	1/8" = 1'-0"
XO-103	Exhibit Plans	1/8" = 1'-0"
LC-101	Lighting Layout Level 1	1/16" = 1'-0"
LC-101a	Lighting Layout Level 1a	1/16" = 1'-0"
LC-102	Lighting Layout Level 2	1/16" = 1'-0"
LC-103	Lighting Layout Level 3	1/16" = 1'-0"
S-000	Cover Sheet	NTS
S-001	General Notes	12"=1'-0"
S-002	Foundation Plan	3/32" = 1'-0"
S-003	Upper Level Framing Plan	3/32" = 1'-0"
S-004	Cafe Framing Plan	3/32" = 1'-0"
S-005	Perimeter Truss Elevations	3/32" = 1'-0"
S-006	Sections	1" = 10'-0"
M-100	Basement HVAC Plan	1/8" = 1'-0"
M-100A	Below Grade HVAC Plan	1/8" = 1'-0"
M-101	First Floor HVAC Plan	3/32" = 1'-0"
M-102	Second Floor HVAC Plan	3/32" = 1'-0"
M-103	Third Floor HVAC Plan	3/32" = 1'-0"
M-300	HVAC Sections	-
M-600	HVAC Schedules	-
M-601	HVAC Schedules	-
E-001	Electrical Legend	-
E-100	Basement Plan	1/16" = 1'-0"
E-101	Ground Floor Plan	1/16" = 1'-0"
E-102	Level Two Plan	1/16" = 1'-0"
E-103	Upper Floor	1/16" = 1'-0"
E-401	Enlarged Electrical Room Plans	1/4" = 1'-0"
E-701	Electrical One-line Diagrams	NTS
E-702	Electrical Schedules and Details	NTS
FA-001	Fire Alarm General Notes	-
FA-002	Project Details and Sequence of Operations	-
FA-003	Fire Alarm Legend, Riser Diagram, and Details	-
FX-001	Fire Sprinkler Cover Sheet	NTS
VT-100	Gallery & Event Elevators	NTS
VT-101	Gallery & Event Elevators -EMR	NTS
VT-102	Service Elevator	NTS
VT-103	Kitchen Elevator	NTS

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PROJECT NUMBER
14011

TITLE
COVER SHEET

DRAWING NO.
G-000

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ABBREVIATIONS

NOTE: NOT ALL ABBREVIATIONS AND SYMBOLS ARE USED ON DRAWINGS CONTAINED IN THE SET. SYMBOLS AND ABBREVIATIONS ON THIS SHEET APPLY ONLY TO ARCHITECTURAL DRAWINGS

A/C	AIR CONDITIONING	FBO	FURNISHED BY OWNER	PAR	PARALLEL
ACST	ACOUSTIC	FD	FLOOR DRAIN	PC	PRECAST CONCRETE
ACR	ACRYLIC	FEC	FIRE EXTINGUISHER CABINET	PERP	PERPENDICULAR
AD	AREA DRAIN	FEX	FIRE EXTINGUISHER	PL	PLATE
ADD	ADDENDUM	FIN	FINISH(ED)	PLAM	PLASTIC LAMINATE
ADH	ADHESIVE	FLR(G)	FLOOR (ING)	PLBG	PLUMBING
ADJ	ADJACENT	FND	FOUNDATION	PNT	PAINT(ED)
ADJUST	ADJUSTABLE	FOS	FACE OF STUD	PRN	PORCELAIN
AFF	ABOVE FINISHED FLOOR	FR	FIRE RESISTIVE	PSF	POUNDS PER SQUARE FOOT
AHU	AIR HANDLING UNIT	FT	FOOT, FEET	PSI	POUNDS PER SQUARE INCH
ALUM	ALUMINUM	FTG	FOOTING	PTN	PARTITION
AL	ALTERNATE	FUT	FUTURE	PVC	POLYVINYL CHLORIDE
ANOD	ANODIZED			PVMT	PAVEMENT
APC	ACOUSTICAL CEILING TILE			PWD	PLYWOOD
APPROX	APPROXIMATE (LY)	GA	GAUGE, GAGE		
ARCH	ARCHITECT(URAL)	GALV	GALVANIZED	QTY	QUANTITY
ASPH	ASPHALT	GB	GYPSUM BOARD		
AUTO	AUTOMATIC	GBAR	GRAB BAR		
		GC	GENERAL CONTRACT (OR)		
		GL	GLASS, GLAZING		
		GR	GRILLE		
BD	BOARD			R	RESISTANCE, THERMAL, RISER
BTWN	BETWEEN			RB	RESILIENT BASE
BLDG	BUILDING			RCP	REFLECTED CEILING PLAN
BLK(G)	BLOCK (ING)	HB	HOSE BIB	RD	ROOF DRAIN
BM	BEAM	H	HOLLOW CORE	RE	REFERENCE, REFER TO
BO	BY OTHERS	HCAP	HANDICAPPED	REINF	REINFORCING
BOT	BOTTOM	HOW	HARDWARE	REQ	REQUIRE (D)
BR	BACKER ROD	HM	HOLLOW METAL	RM	ROOM
BRG	BEARING	HOR	HORIZONTAL	RO	ROUGH OPENING
BRK	BRICK	HPT	HIGH POINT	ROW	RIGHT OF WAY
BS	BOTH SIDES	HR	HOUR	RR	RESTROOM
BSMT	BASEMENT	HT	HEIGHT		
BUR	BUILT UP ROOFING	HTR	HEATER		
		HVAC	HEATING/VENTILATION/AC	SBLK	SPLASH BLOCK
		HW	HOT WATER	SC	SOLID CORE
		HWH	HOT WATER HEATER	SCH	SCHEDULE
CAB	CABINET			SD	STORM DRAIN
CFM	CUBIC FEET/MINUTE			SEC	SECTION
CG	CORNER GUARD			SHT	SHEET
CIPC	CAST-IN-PLACE CONCRETE	ID	INSIDE DIAMETER	SHTH	SHEATHING
CJ	CONTROL JOINT	IN	INCH(ES)	SIM	SIMILAR
CL	CENTERLINE	INCAN	INCANDESCENT	SOG	SLAB ON GRADE
CLG	CEILING	INCL	INCLUDE (D), (ING)	SPEC	SPECIFICATION (S)
CLO	CLOSET	INFO	INFORMATION	SPL	SPECIAL
CLR	CLEAR (ANCE)	INS	INSULATE (D), (ION)	SQ	SQUARE
CMU	CONCRETE MASONRY UNIT	INT	INTERIOR	SST	STAINLESS STEEL
CTR	CENTER	INV	INVERT	STC	SOUND TRANSMISSION CLASS
CO	CLEANOUT			STD	STANDARD
COL	COLUMN	JT	JOINT	STL	STEEL
COMP	COMPRESS(ED, ION, IBLE, OR)			STO	STORAGE
CONST	CONSTRUCTION	LAB	LABORATORY	STRUC	STRUCTURAL
CONC	CONCRETE	LAM	LAMINATE (D)	SUS	SUSPENDED
CONT	CONTINUOUS OR CONTINUE	LAV	LAVATORY	SYM	SYMMETRICAL
CONTR	CONTRACT (OR)	LB	POUND(S)		
COORD	COORDINATE	LIB	LIBRARY	T	TREAD
CORR	CORRIDOR	LIN	LINEAL	T&B	TOP AND BOTTOM
CORRUG	CORRUGATED	LKR	LOCKER	T&G	TONGUE AND GROOVE
CPT	CARPET (ED)	LT	LIGHT	TEL	TELEPHONE
CT	CERAMIC TILE			TEMP	TEMPERATURE
CSNK	COUNTERSINK/COUNTERSUNK	MAINT	MAINTAIN (ENANCE)	THK	THICK (NESS)
CW	COLD WATER	MAS	MASONRY	THR	THRESHOLD
		MAX	MAXIMUM	THRU	THROUGH
		MC	MECHANICAL CONTRACTOR	TO	TOP OF
		MECH	MECHANIC (AL)	TOB	TOP OF BEAM
DBL	DOUBLE	MET	METAL	TOC	TOP OF CURB
DEMO	DEMOLISH, DEMOLITION	MFR	MANUFACTURE (ER)	TOI	TOP OF INSULATION
DF	DRINKING FOUNTAIN	MH	MANHOLE	TOP	TOP OF PARAPET
DIAM	DIAMETER	MIN	MINIMUM	TOM	TOP OF MASONRY
DIM	DIMENSION	MISC	MISCELLANEOUS	TOS	TOP OF SLAB
DISP	DISPOSAL	MO	MASONRY OPENING	TOSTL	TOP OF STEEL
DN	DOWN	MR	MOISTURE RESISTANT	TOW	TOP OF WALL
DP	DEEP	MT	MOUNT (ED), (ING)	TPD	TOILET PAPER DISPENSER
DPF	DAMP/PROOFING	MTL	MATERIAL (S)	TPART	TOILET PARTITION
DR	DOOR			TR	TRANSOM
DS	DOWNSPOUT	NA	NOT APPLICABLE	TS	TUBE STEEL
DTL	DETAIL	NIC	NOT IN CONTRACT	TV	TELEVISION
DWG	DRAWING	NO	NUMBER	TYP	TYPICAL
		NOM	NOMINAL	TZ	TERRAZZO
EA	EACH	NRC	NONE REQUIRED		
EJ	EXPANSION JOINT	NTS	NOT TO SCALE	UL	UNDERWRITERS LABORATORY
ELEV	ELEVATION			UNFIN	UNFINISHED
ELEC	ELECTRIC (AL)			UON	UNLESS OTHERWISE NOTED
ENC	ENCLOSE (URE)			UR	URINAL
ENT	ENTRANCE	OA	OVERALL		
EQ	EQUAL	OB	OBSOLETE		
EQP	EQUIPMENT	OC	ON CENTER (S)	VAR	VARIABLE (VARIES)
EWC	ELECTRIC WATER COOLER	OD	OUTSIDE DIAMETER	VB	VAPOR BARRIER
EXH	EXHAUST	OH	OVERHEAD	VCT	VINYL COMPOSITION TILE
EXIST. EX	EXISTING	OPG	OPENING	VERT	VERTICAL
EXP	EXPOSED	OPH	OPPOSITE HAND	VEST	VESTIBULE
EXPN	EXPANSION	OPP	OPPOSITE	VIF	VERIFY IN FIELD
EXT	EXTERIOR	ORD	OVERFLOW ROOF DRAIN		
		OZ	OUNCE		
		OFCI	OWNER FURNISHED CONTRACTOR INSTALLED	W	WIDE OR WIDTH
				W/	WITH
				W/O	WITHOUT
				WC	WATER CLOSET
				WD	WOOD
				WP (G)	WATERPROOF (ING)
				WR	WATER RESISTANT
				WWF	WELDED WIRE FABRIC

SYMBOLS LEGEND

GRAPHIC SYMBOLS

BUILDING SECTION SYMBOL:
UPPER=THE SECTION NUMBER
LOWER=THE SHEET WHERE DRAWN

CABINET TYPE SYMBOL:
UPPER=CABINET STYLE
LOWER=CABINET SIZE IN INCHES

WALL SECTION SYMBOL:
UPPER=THE SECTION NUMBER
LOWER=THE SHEET WHERE DRAWN

DETAIL SYMBOL:
UPPER=THE SECTION NUMBER
LOWER=THE SHEET WHERE DRAWN

EQUIPMENT TYPE INDICATOR:
LETTER= GROUP FUNCTION
NUMBER= ITEM NUMBER

TOILET ACCESSORY INDICATOR:
TA= TOILET ACCESSORY
NUMBER= ITEM NUMBER

EXTERIOR ELEVATION SYMBOL:
UPPER=THE ELEVATION NUMBER
LOWER=THE SHEET WHERE DRAWN

STRUCTURAL GRIDLINE IDENTIFIER

HEIGHT INDICATOR

INTERIOR ELEVATION SYMBOL: THE DARKENED CORNERS INDICATE DRAWN WALLS. ELEVATION DRAWINGS ARE ARRANGED NUMERICALLY BY ROOM NUMBER ON THE INTERIOR ELEVATION SHEETS.

MATCHLINE FLAG

PLAN AND TRUE NORTH INDICATOR: THE HEAVY LINE REPRESENTS PLAN NORTH (USUALLY TOWARD THE TOP OF THE SHEET); THE SMALL ARROW INDICATES TRUE NORTH (IF DIFFERENT FROM PLAN NORTH).

WINDOW OR LOUVER TYPE INDICATOR: WINDOWS HAVE A NUMBER DESIGNATION. LOUVERS HAVE A LETTER DESIGNATION.

WORK NOTE INDICATOR

CEILING HEIGHT ABOVE FLOOR

DETAIL IDENTIFICATION: DASHED LINE INDICATES EXTENT OF ENLARGED PLAN OR DETAIL

ROOM IDENTIFICATION:

DOOR IDENTIFICATION: DOOR NUMBER=NUMBER OF ROOM ACCESSED. MULTIPLE DOORS ARE GIVEN AN ALPHABETICAL SUFFIX ENDING WITH LETTER 'A' FOR THE SECOND DOOR, 'B' FOR THE THIRD DOOR, ETC. (THE FIRST DOOR IN A ROOM NEVER HAS A LETTER SUFFIX).

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DISCIPLINE INDEX

- A ARCHITECTURAL DRAWINGS
- C CIVIL OR SURVEY DRAWINGS
- E ELECTRICAL DRAWINGS
- L LANDSCAPE DRAWINGS
- M MECHANICAL DRAWINGS
- G GENERAL INFORMATION
- P PLUMBING DRAWINGS
- S STRUCTURAL DRAWINGS
- T TECHNOLOGY DRAWINGS

CONTENT INDEX

- 0 GENERAL INFORMATION AND STANDARDS
- 1 PLANS INCLUDING SITE, FLOOR, CEILING, FINISH AND ROOF DRAWINGS
- 2 EXTERIOR ELEVATIONS AND BUILDING SECTIONS
- 4 ENLARGED FLOOR PLANS AND INTERIOR ELEVATIONS
- 5 SCHEDULES AND ASSOCIATED DETAILS
- 6 WALL SECTIONS AND DETAILS
- 7 SUPPLEMENTAL DRAWINGS
- 8 SUPPLEMENTAL DRAWINGS

SHEET NUMBERING

A-401

DISCIPLINE ABBREVIATION
DRAWING CONTENT CATEGORY
SHEET NUMBER

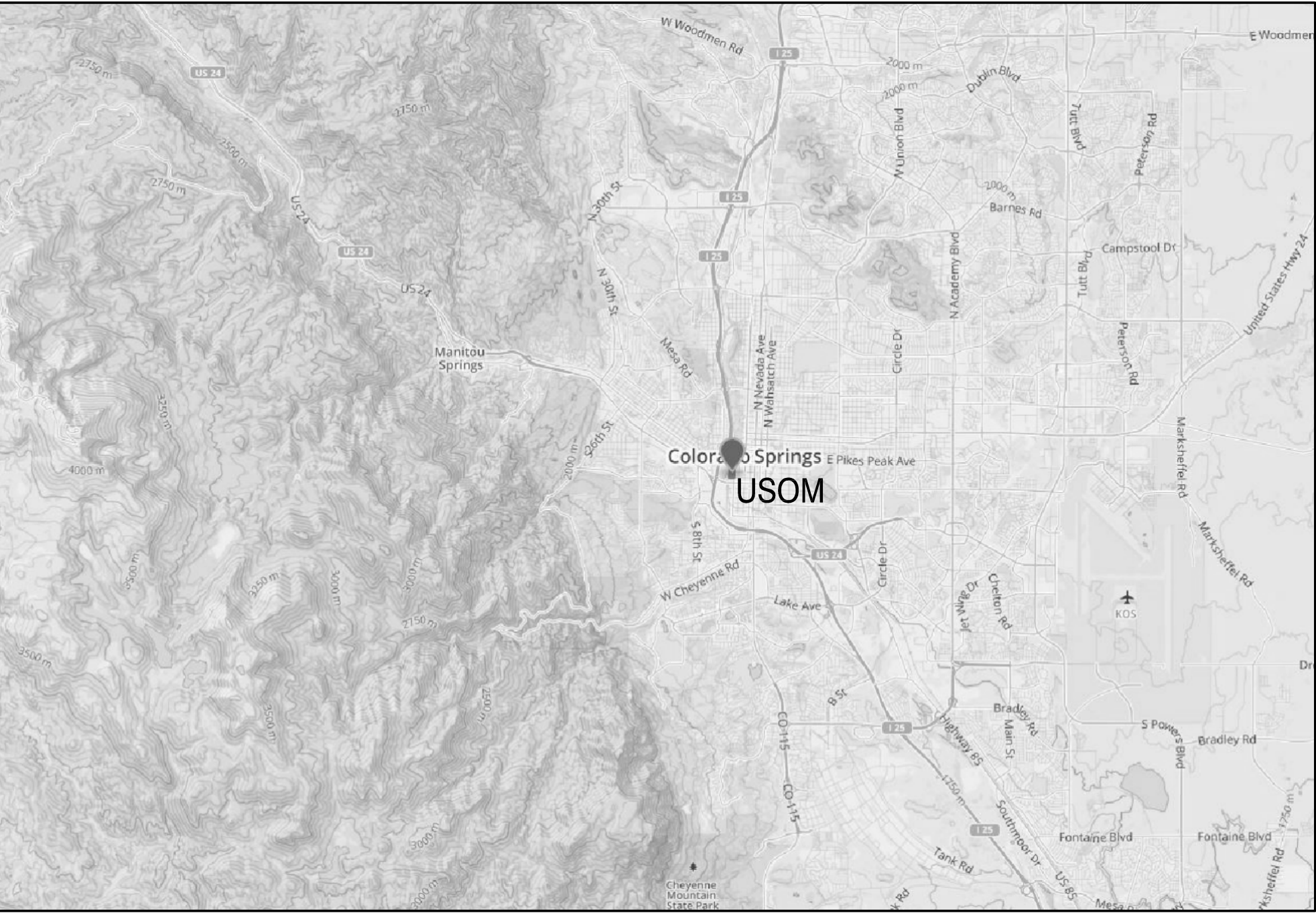
MATERIAL PATTERNS

- BATT INSULATION
- BRICK
- CAST-IN-PLACE CONCRETE
- CONCRETE BLOCK
- EARTH OR BACKFILL
- STEEL
- PLASTER & GYPSUM BOARD
- PLYWOOD
- PRECAST CONCRETE
- RIGID INSULATION

TEXT SYMBOLS

- & AND
- @ AT
- < BY
- # POUND OR NUMBER
- / OR : PER
- ' (X) FEET
- " (X) INCHES

REGIONAL MAP



VICINITY MAP



US OLYMPIC MUSEUM

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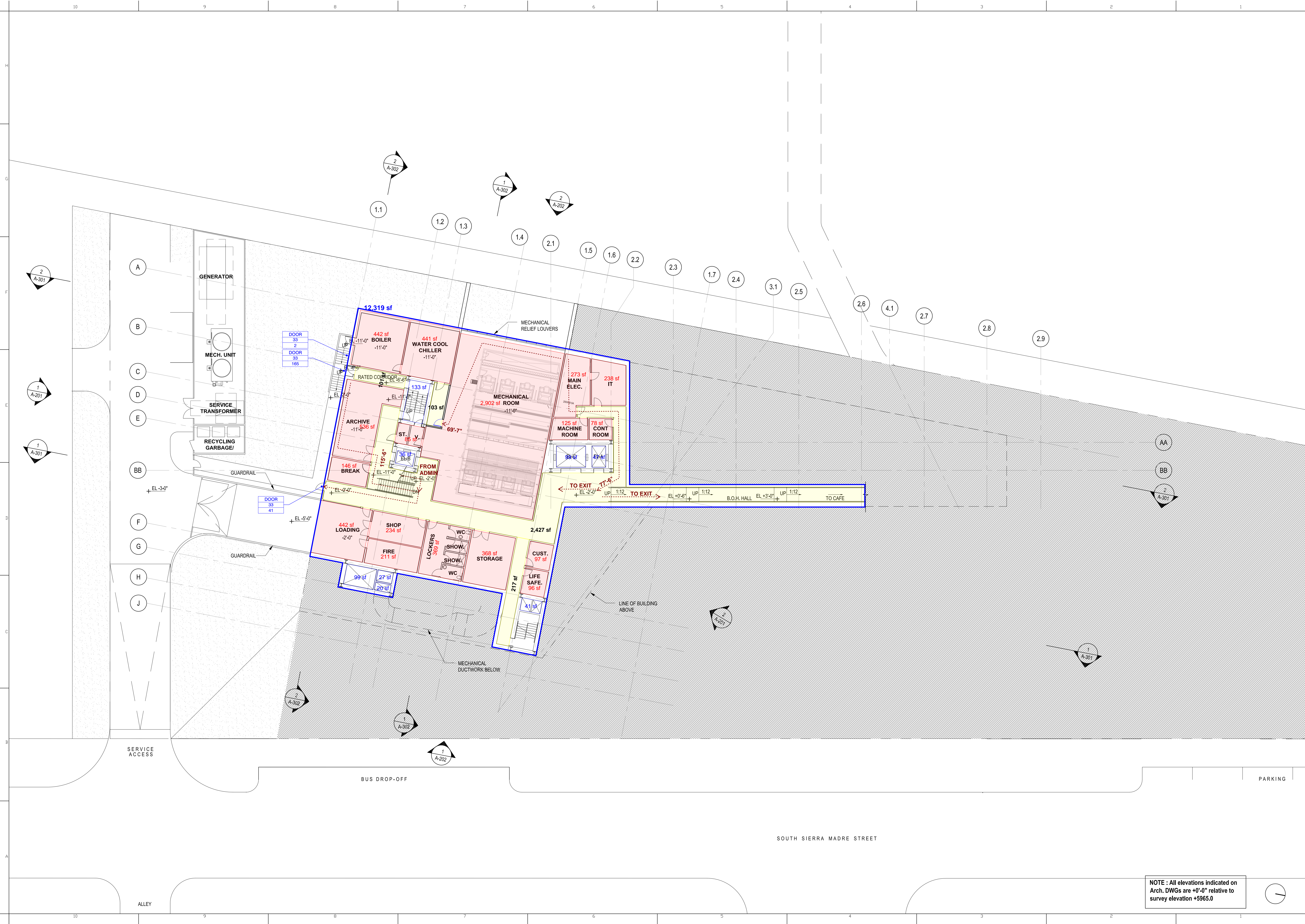
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TITLE
ABBREVIATIONS, SYMBOLS LEGEND
AND MAPS

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G-001

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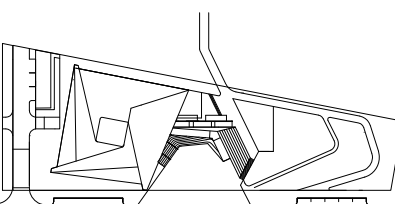
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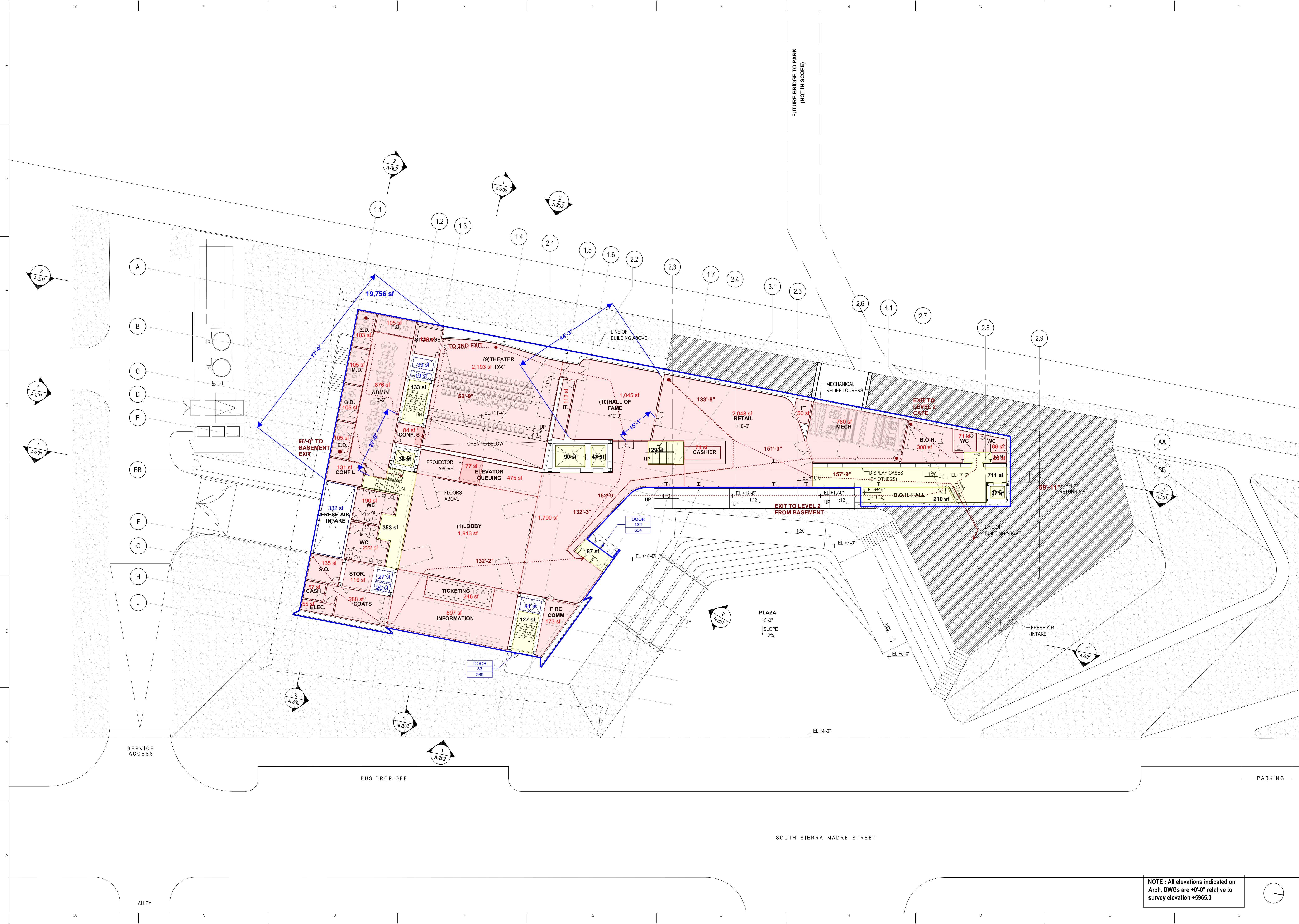
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TITLE
LEVEL -1 PLAN (BASEMENT)
1/16" = 1'-0"

DRAWING NO.
G-100

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T: 973.77.4404

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T: 719.630.7342

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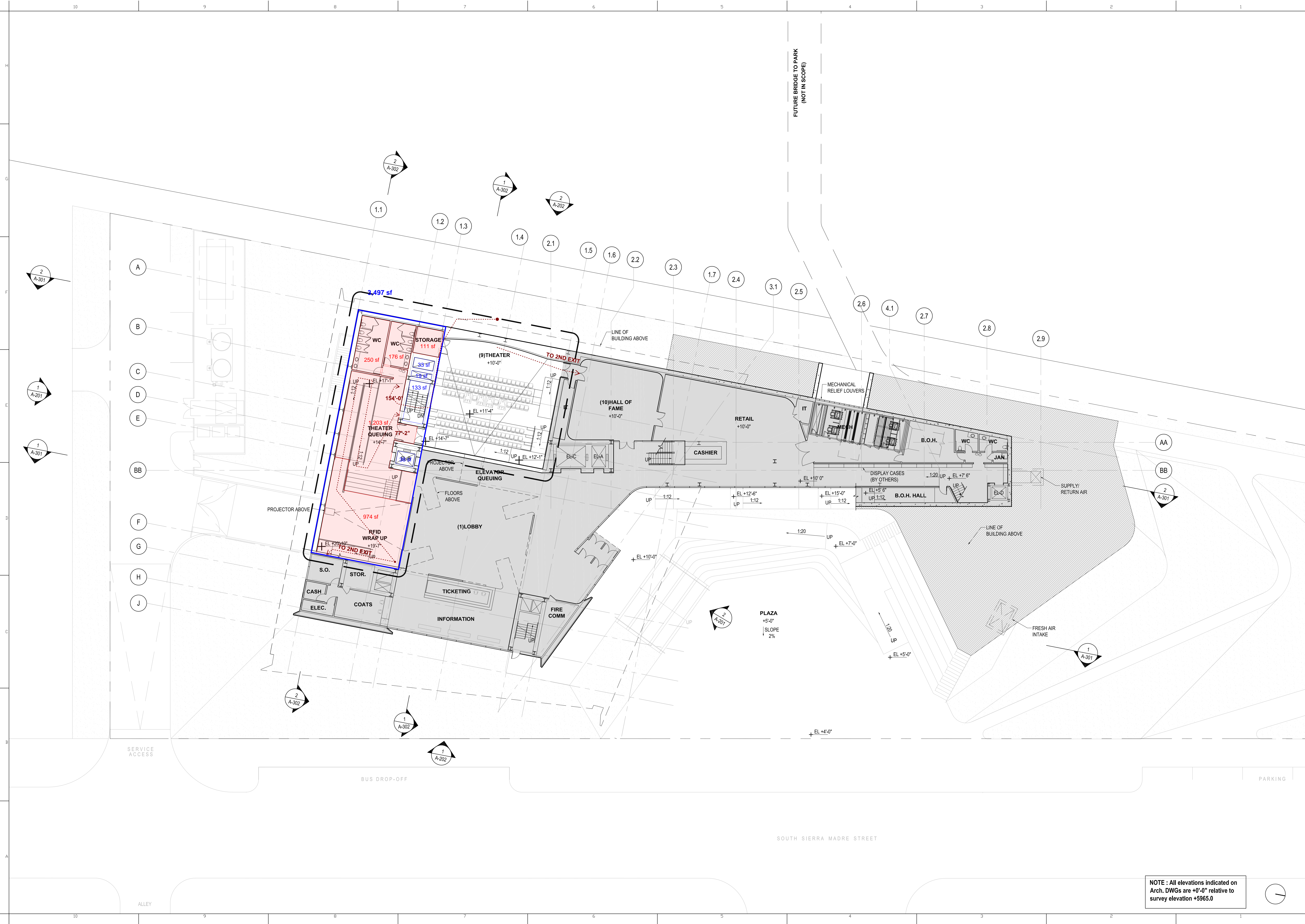
PROJECT NUMBER
14011

TITLE
LEVEL 1 PLAN (GROUND FLOOR)
1/16" = 1'-0"

DRAWING NO.
G-101

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T: 719.358.6325

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Denver, CO 80211
T: 303.294.9448

DESIGNER:
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T: 212.260.7971

STRUCTURAL DESIGN:
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T: 303.988.4514

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T: 719.471.0073

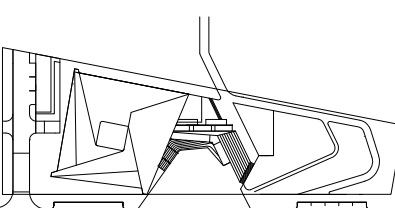
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TITLE
LEVEL 1 MEZZANINE PLAN
1/16" = 1'-0"

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T: 973.77.4404

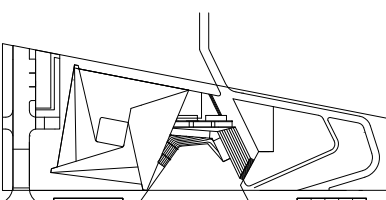
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TITLE

LEVEL 2 PLAN

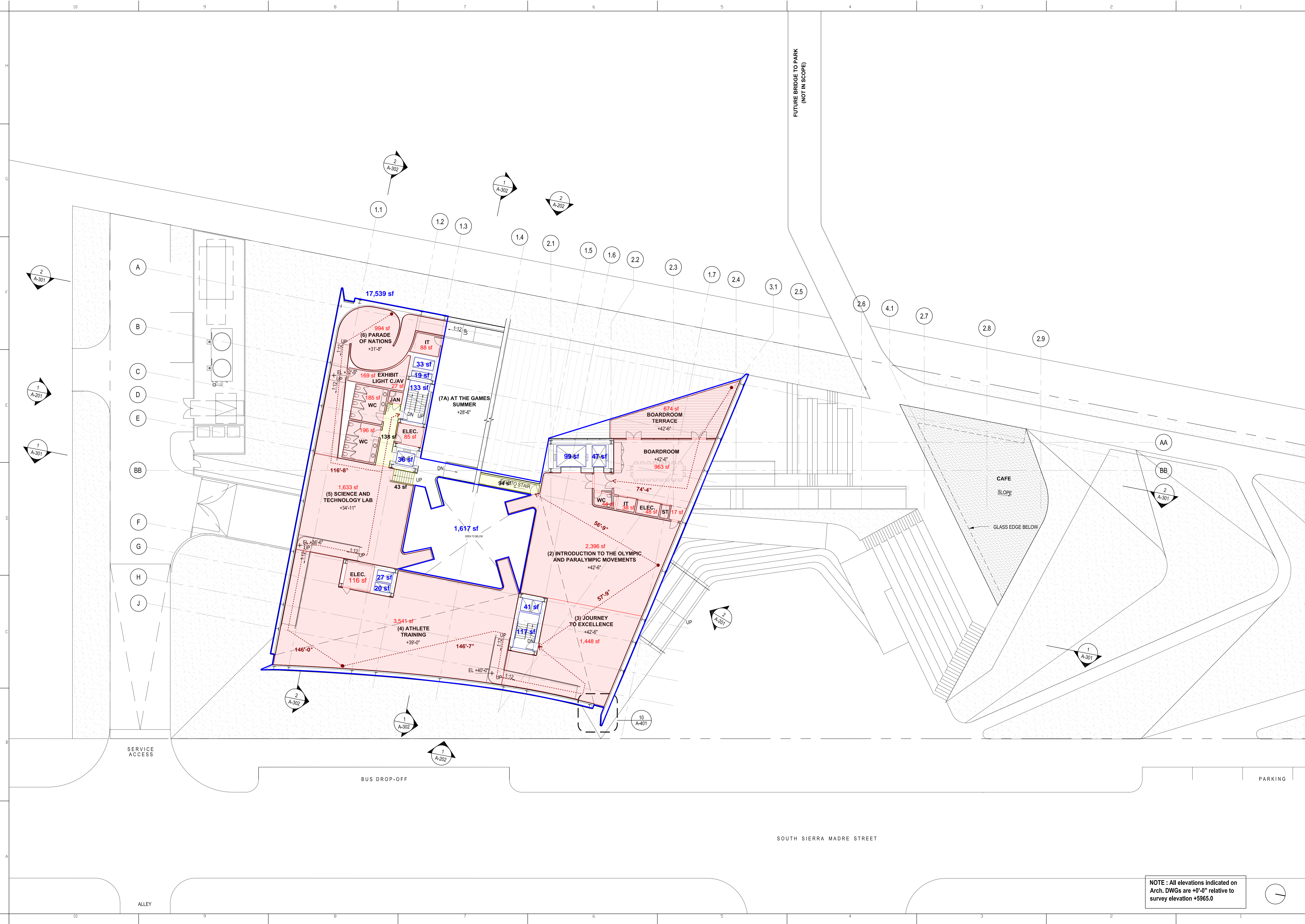
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Colorado Springs, CO 80901
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819 N. CASCADE AVE., SUITE 200
COLORADO SPRINGS, COLORADO 80903
T: 719.471.0073

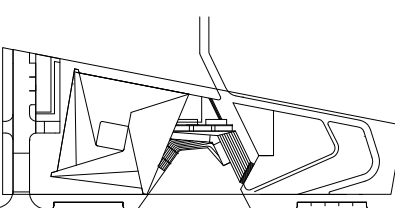
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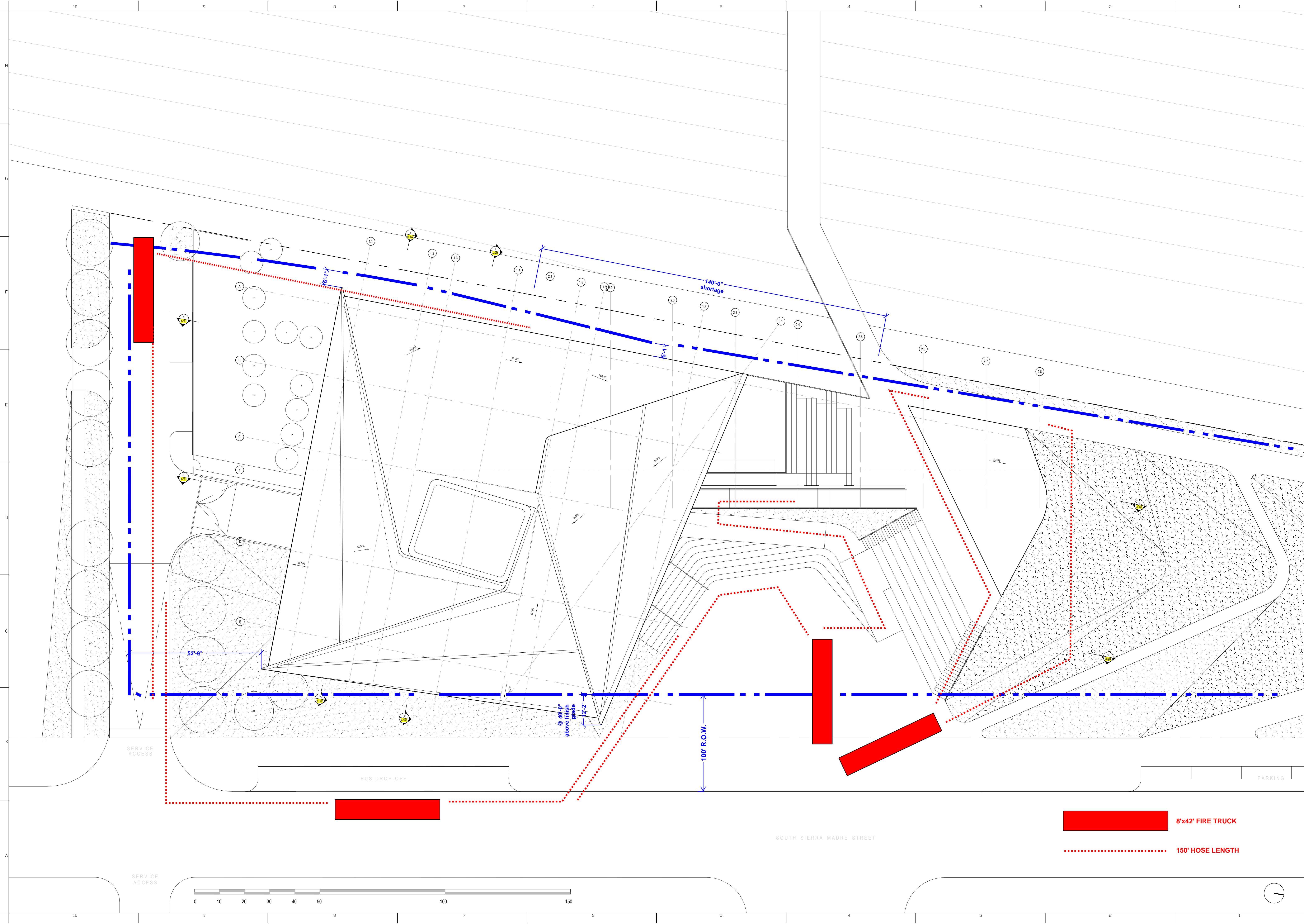
PROJECT NUMBER
14011

TITLE
LEVEL 3 PLAN
(UPPER FLOOR)
1/16" = 1'-0"

DRAWING NO.
G-103

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US OLYMPIC MUSEUM

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OWNER: 258.6325

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619 N. CASCADE AVE., SUITE 200
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T: 719.471.0073

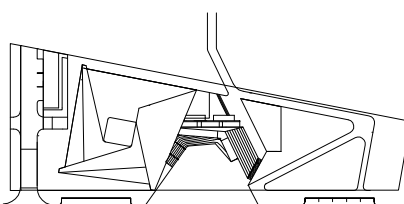
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LAKEWOOD, CO 80235
T: 720.981.4150

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1604 S. 21ST STREET
COLORADO SPRINGS, COLORADO 80904
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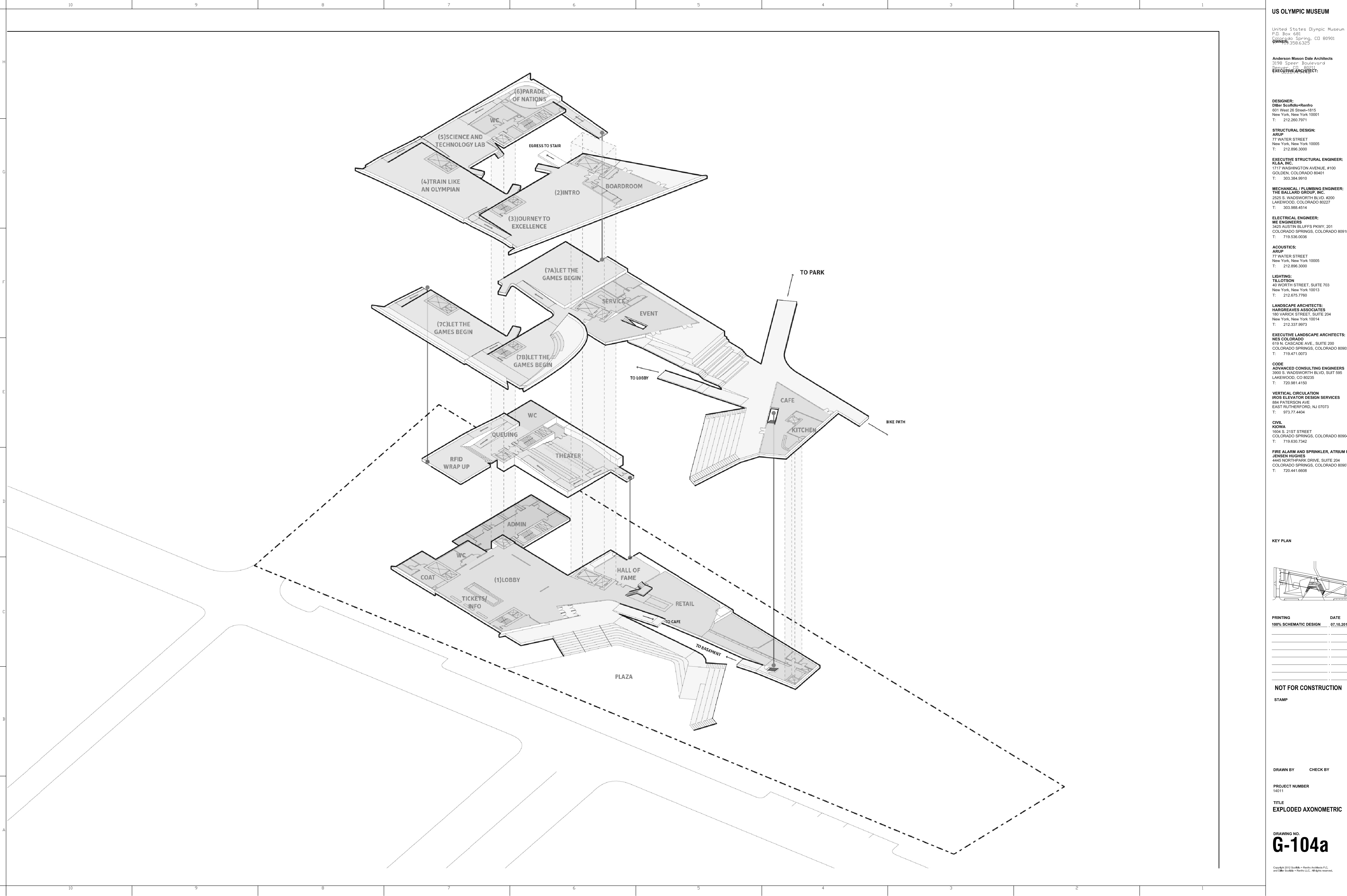
TITLE
ROOF PLAN

1/16" = 1'-0"

DRAWING NO.

G-104

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US OLYMPIC MUSEUM

United States Olympic Museum
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Colorado Springs, CO 80901
OWNER: US Olympic Committee

Anderson Mason Dale Architects
3156 Speer Boulevard
Denver, CO 80202
PROJECT ARCHITECT:
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LANDSCAPE ARCHITECTS:
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NES COLORADO
619 N. CASCADE AVE., SUITE 200
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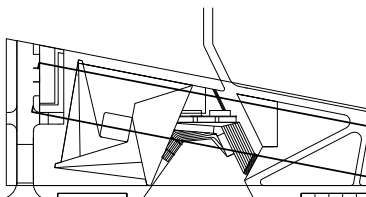
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819 N. CASCADE AVE., SUITE 200
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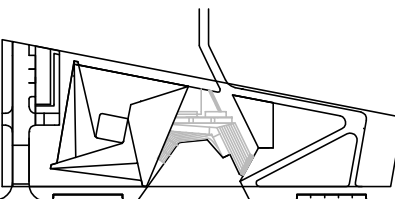
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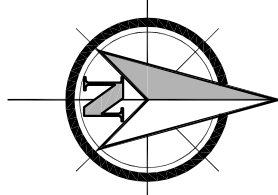
TITLE
EXISTING CONDITIONS

1" = 20'-0"

DRAWING NO.

C-100

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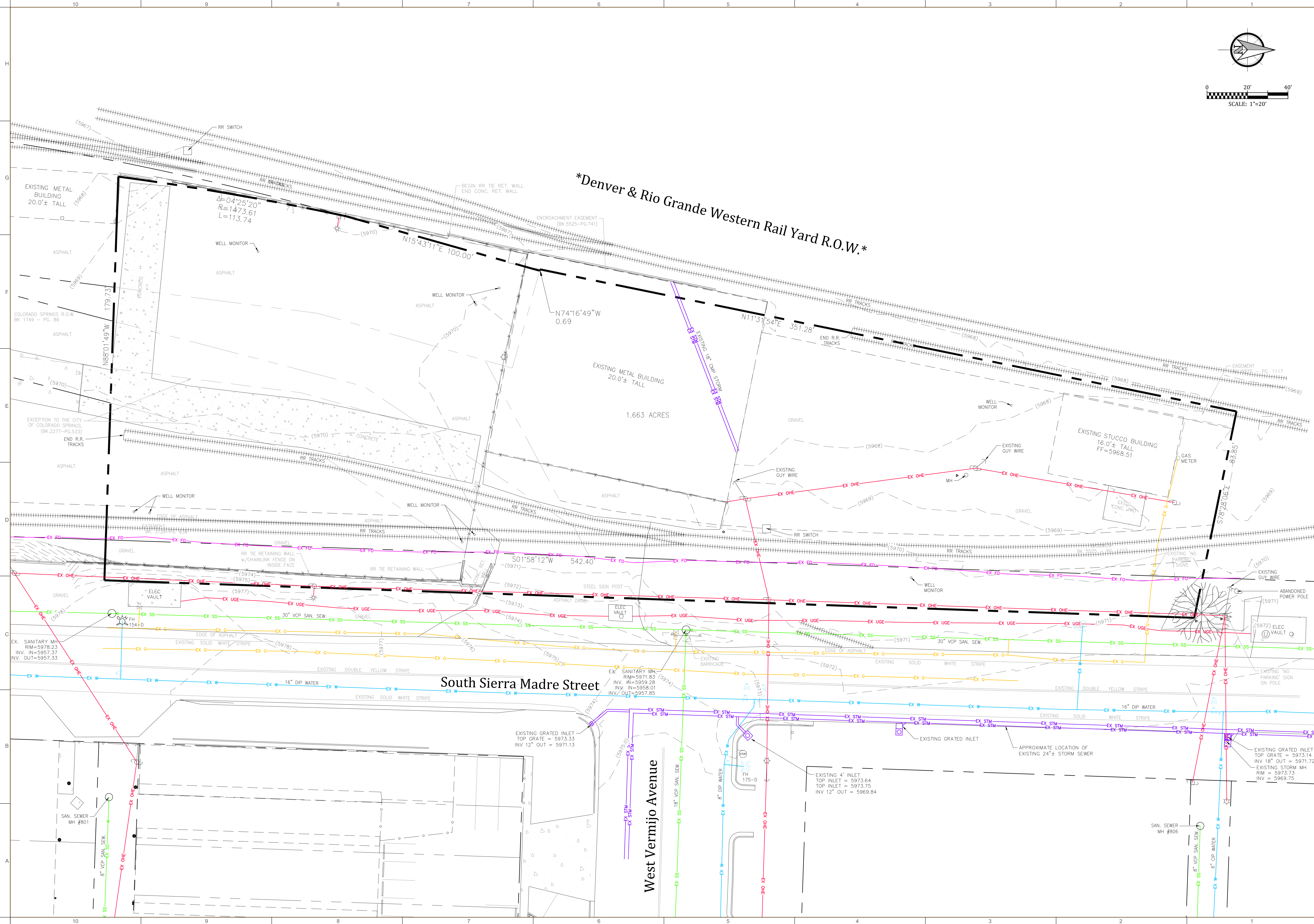


0 20' 40'
SCALE: 1"=20'

Denver & Rio Grande Western Rail Yard R.O.W.

South Sierra Madre Street

West Vermijo Avenue



OWNER:
United States Olympic Museum
P.O. Box 681
Colorado Spring, CO 80901
T: 719.386.6325

EXECUTIVE ARCHITECT:
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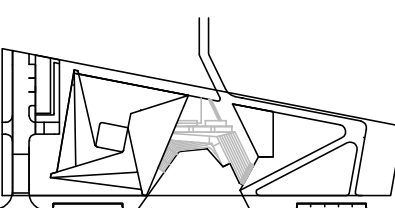
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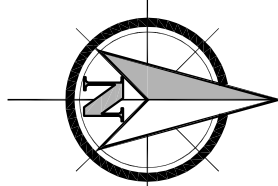
PROJECT NUMBER
14011 / 15023 Kiowa

TITLE
PRELIMINARY UTILITY PLAN

1" = 20'-0"

DRAWING NO.
C-101

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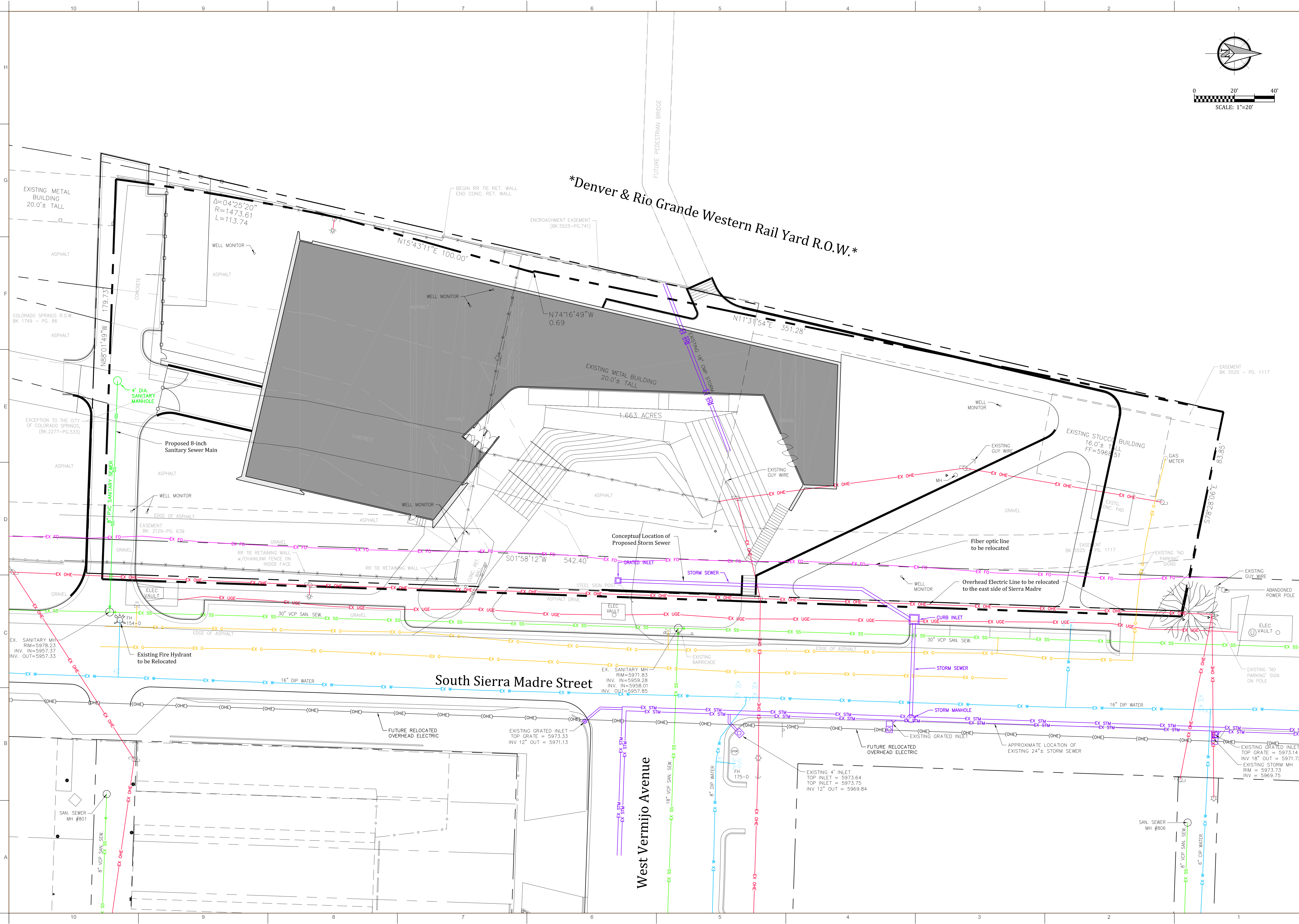


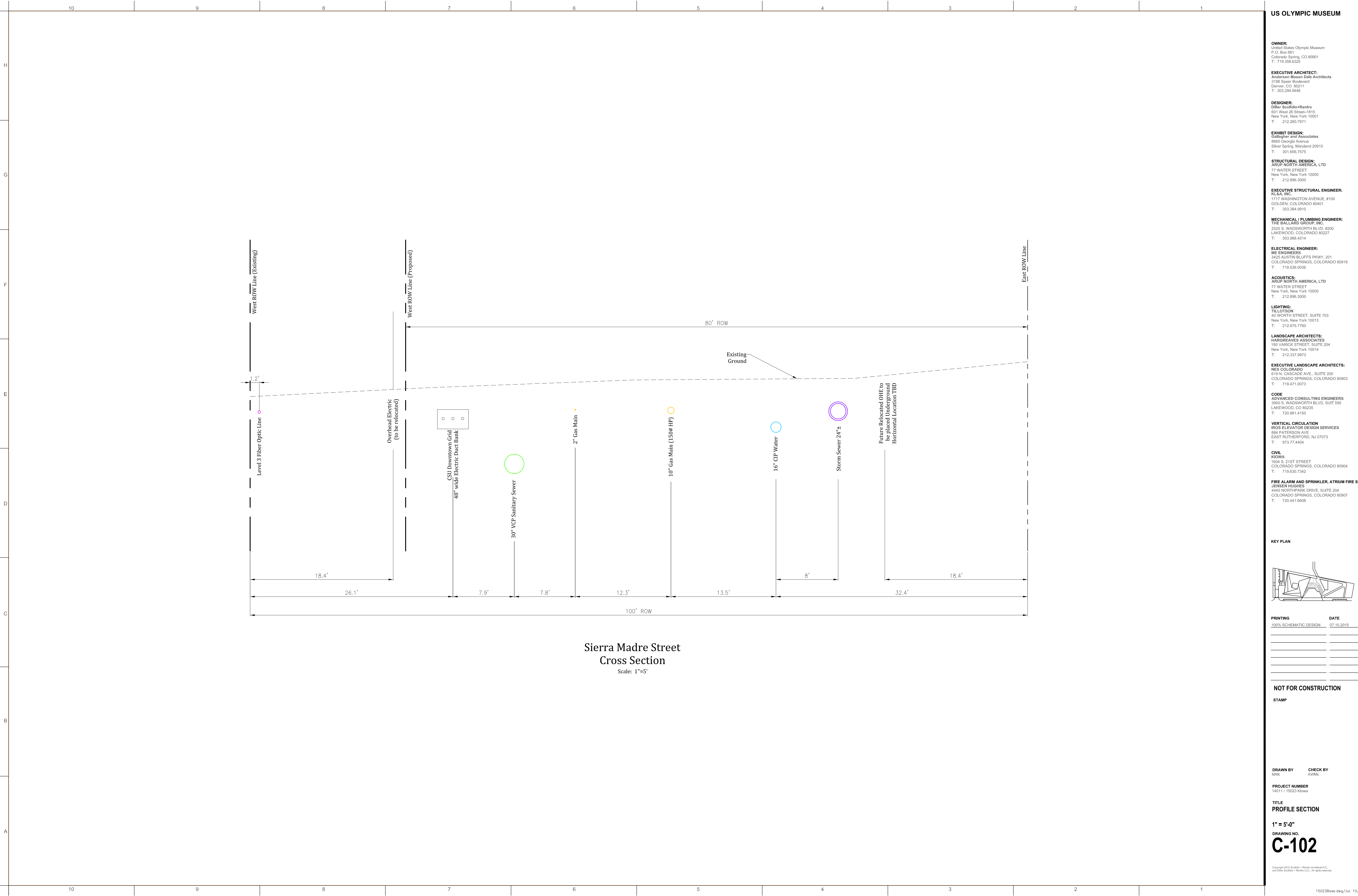
0 20' 40'
SCALE: 1"=20'

Denver & Rio Grande Western Rail Yard R.O.W.

South Sierra Madre Street

West Vermijo Avenue





US OLYMPIC MUSEUM

OWNER:
United States Olympic Museum
P.O. Box 681
Colorado Spring, CO 80901
T: 719.386.6325

EXECUTIVE ARCHITECT:
Anderson Mason Dale Architects
3198 Speer Boulevard
Denver, CO 80211
T: 303.294.9446

DESIGNER:
Diller Scofidio+Renfro
601 West 26 Street-1815
New York, New York 10001
T: 212.260.7971

EXHIBIT DESIGN:
Gallagher and Associates
8605 Georgia Avenue
Silver Spring, Maryland 20910
T: 301.666.7575

STRUCTURAL DESIGN:
ARUP NORTH AMERICA, LTD
77 WATER STREET
New York, New York 10005
T: 212.896.3000

EXECUTIVE STRUCTURAL ENGINEER:
K&A, INC.
1717 WASHINGTON AVENUE, #100
GOLDEN, COLORADO 80401
T: 303.384.9910

MECHANICAL / PLUMBING ENGINEER:
THE BALLARO GROUP, INC.
2520 S. WADSWORTH BLVD, #200
LAKEWOOD, COLORADO 80227
T: 303.988.4514

ELECTRICAL ENGINEER:
ME ENGINEERS
3420 AUSTIN BLUFFS PKWY, 201
COLORADO SPRINGS, COLORADO 80918
T: 719.536.0036

ACOUSTICS:
ARUP NORTH AMERICA, LTD
77 WATER STREET
New York, New York 10005
T: 212.896.3000

LIGHTING:
TILLOTSON
40 WORTH STREET, SUITE 703
New York, New York 10013
T: 212.675.7760

LANDSCAPE ARCHITECTS:
HARGREAVES ASSOCIATES
180 YARICK STREET, SUITE 204
New York, New York 10014
T: 212.337.9973

EXECUTIVE LANDSCAPE ARCHITECTS:
NES COLORADO
619 N. CASCADE AVE., SUITE 200
COLORADO SPRINGS, COLORADO 80903
T: 719.471.0073

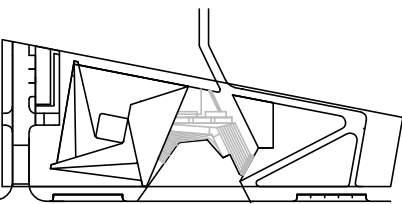
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LAKEWOOD, CO 80235
T: 720.981.4150

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IRO'S ELEVATOR DESIGN SERVICES
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EAST RUTHERFORD, NJ 07073
T: 973.77.4404

CIVIL
KIOWA
1834 S. 21ST STREET
COLORADO SPRINGS, COLORADO 80904
T: 719.630.7342

FIRE ALARM AND SPRINKLER, ATRIUM FIRE SMOKE
JENSEN HUGHES
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T: 720.441.6608

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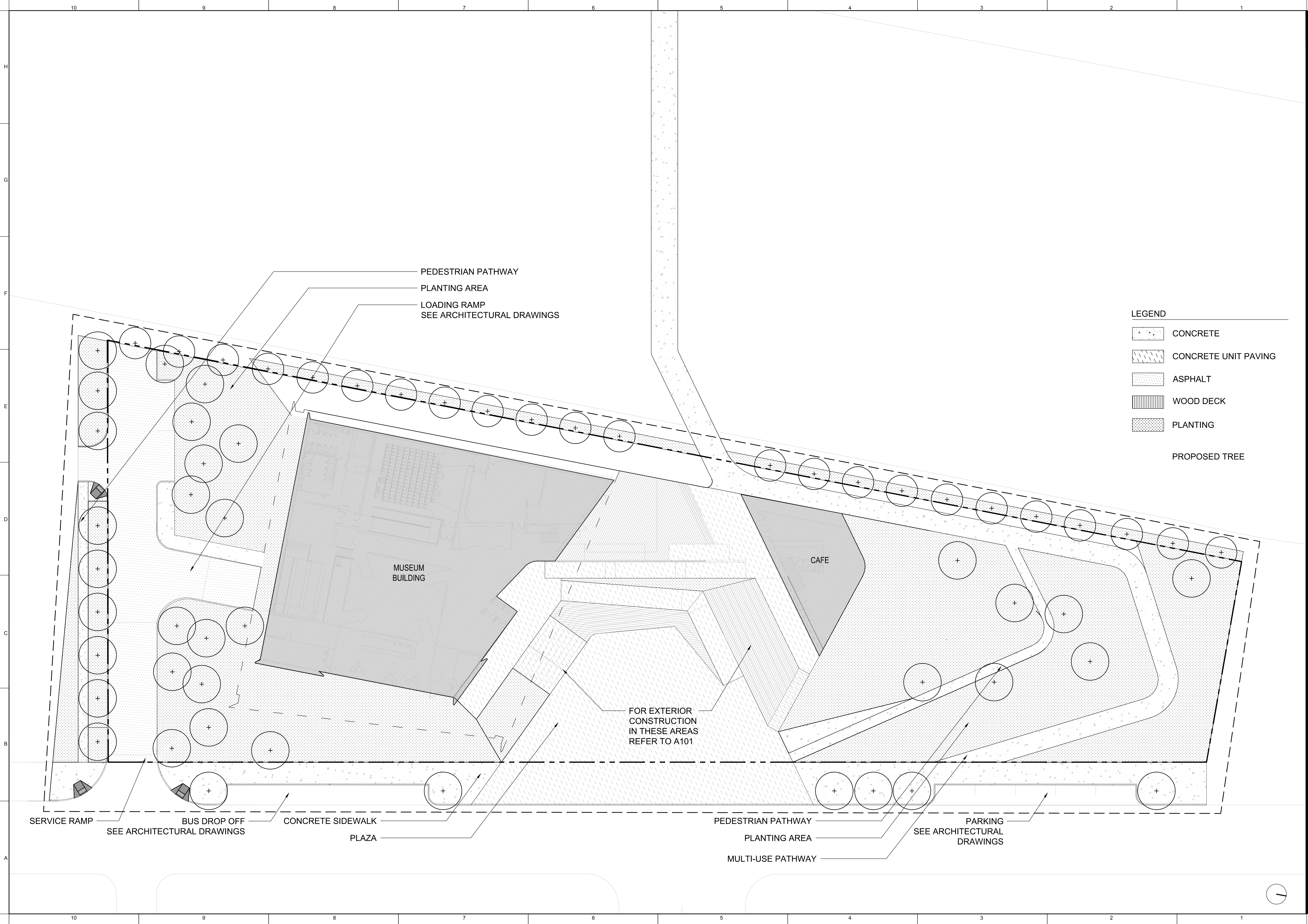
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NRK AVMC

PROJECT NUMBER
14011 / 15023 Kiowa

TITLE
PROFILE SECTION

1" = 5'-0"
DRAWING NO.
C-102

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US OLYMPIC MUSEUM

OWNER:
United States Oly: pic Museu:
P.O. Box 681
Colorado Spring, CO 80901
T: 719.558.6325

EXECUTIVE ARCHITECT:
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3198 Speer Boulevard
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T: 303.294.9448

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T: 212.260.7971

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T: 301.656.7575

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T: 303.384.9910

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3425 AUSTIN BLUFFS PKWY, 201
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T: 719.536.0036

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T: 212.896.3000

LIGHTING:
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40 WORTH STREET, SUITE 703
New York, New York 10013
T: 212.675.7760

LANDSCAPE ARCHITECTS:
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160 VARICK STREET, SUITE 204
New York, New York 10014
T: 212.337.9973

EXECUTIVE LANDSCAPE ARCHITECTS:
NES COLORADO
619 N. CASCADE AVE., SUITE 200
COLORADO SPRINGS, COLORADO 80903
T: 719.471.0073

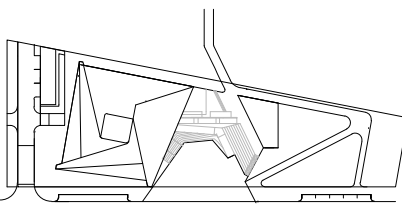
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ADVANCED CONSULTING ENGINEERS
3900 S. WADSWORTH BLVD, SUITE 595
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T: 720.981.4150

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JENSEN HUGHES
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COLORADO SPRINGS, COLORADO 80907
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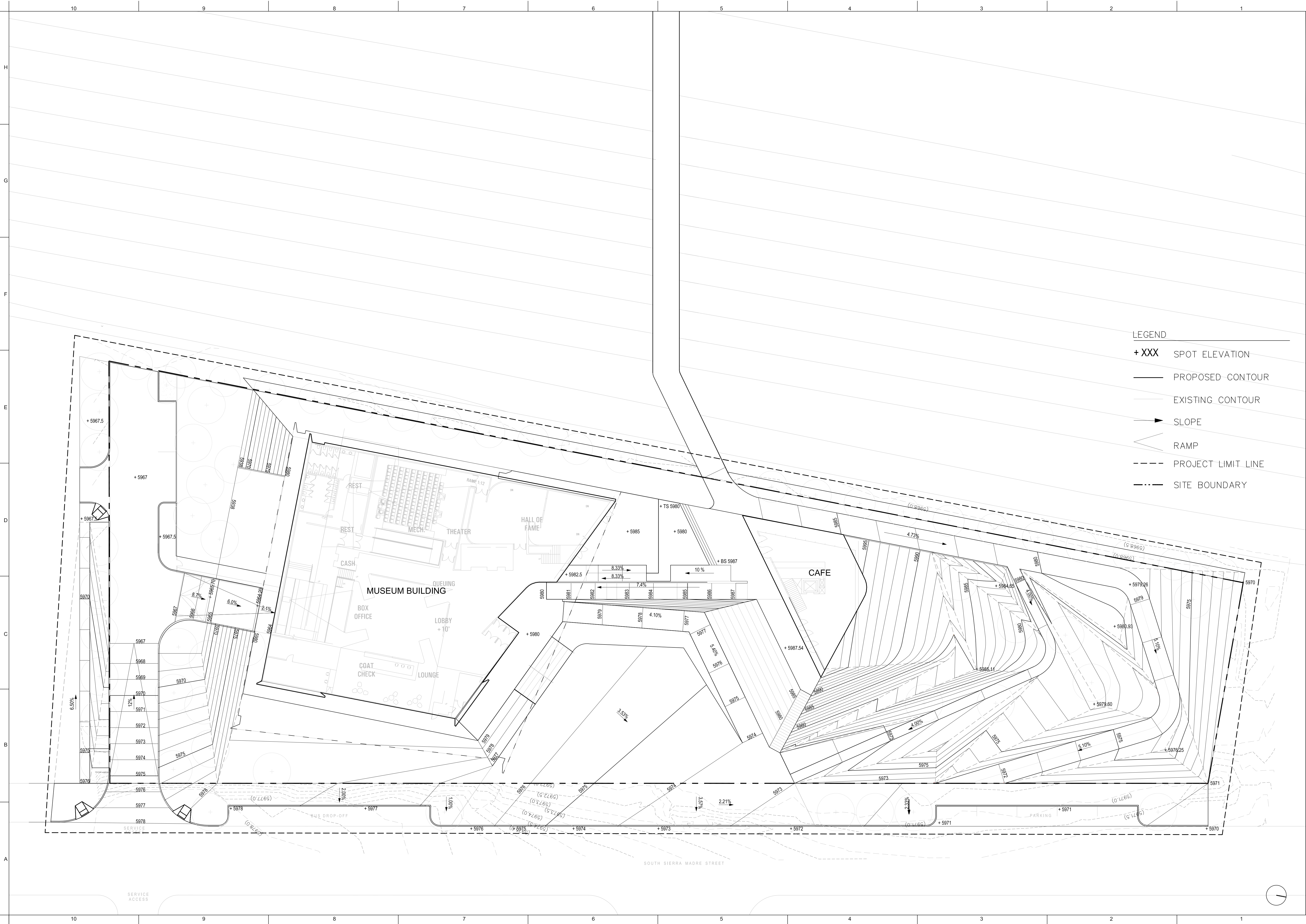
TITLE
SITE PLAN

1" = 20'-0"

DRAWING NO.

L-101

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LEGEND

- + XXX SPOT ELEVATION
- PROPOSED CONTOUR
- EXISTING CONTOUR
- SLOPE
- RAMP
- PROJECT LIMIT LINE
- SITE BOUNDARY

US OLYMPIC MUSEUM

OWNER:
United States Olympic Museum
P.O. Box 681
Colorado Springs, CO 80901
T: 719.338.6326

EXECUTIVE ARCHITECT:
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3198 Speer Boulevard
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T: 719.471.0073

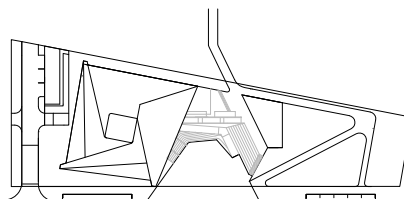
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T: 720.441.6008

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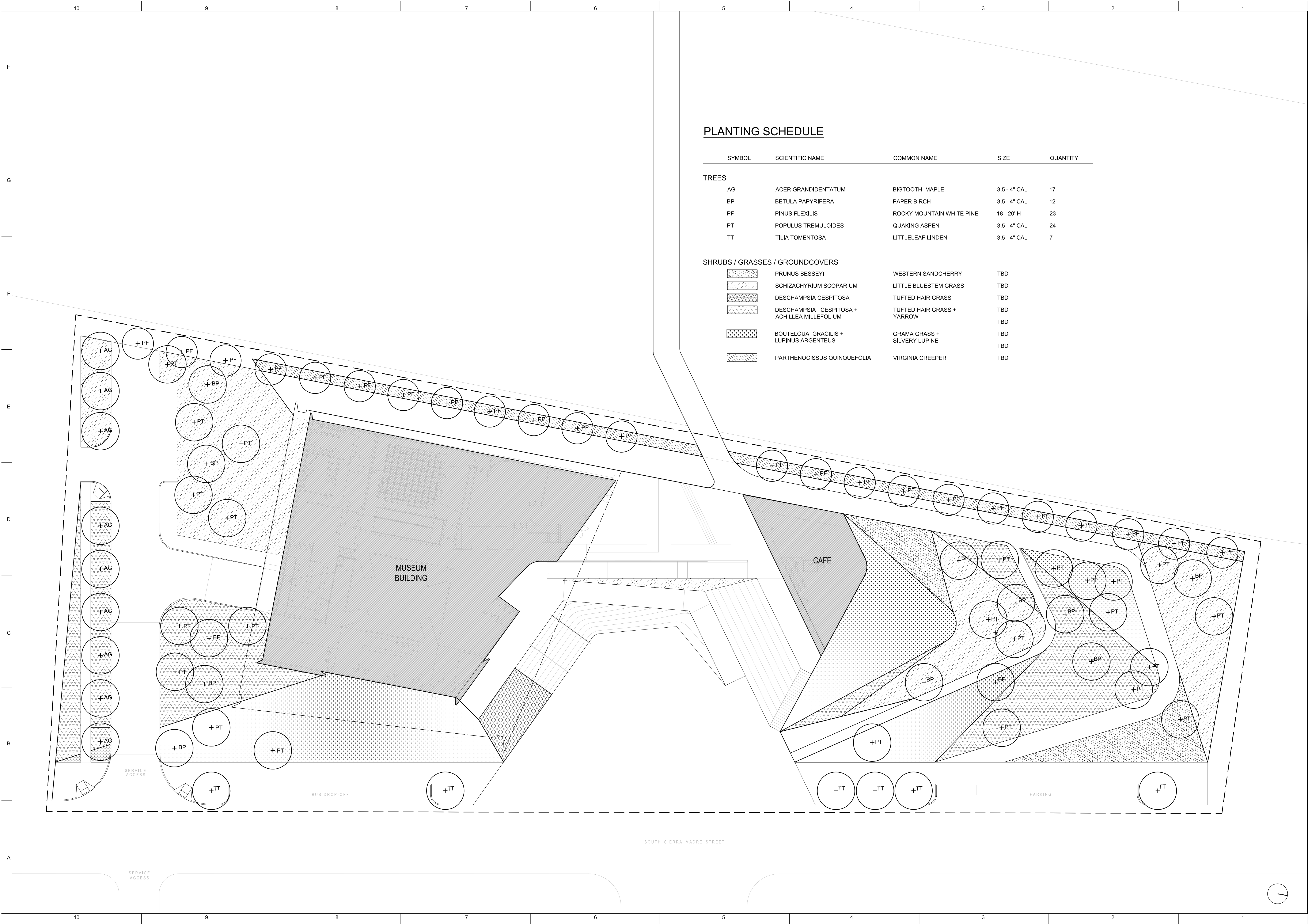
TITLE
GRADING PLAN

1" = 20'-0"

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L-102

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PLANTING SCHEDULE

SYMBOL	SCIENTIFIC NAME	COMMON NAME	SIZE	QUANTITY
TREES				
AG	ACER GRANDIDENTATUM	BIGTOOTH MAPLE	3.5 - 4" CAL	17
BP	BETULA PAPYRIFERA	PAPER BIRCH	3.5 - 4" CAL	12
PF	PINUS FLEXILIS	ROCKY MOUNTAIN WHITE PINE	18 - 20' H	23
PT	POPULUS TREMULOIDES	QUAKING ASPEN	3.5 - 4" CAL	24
TT	TILIA TOMENTOSA	LITTLELEAF LINDEN	3.5 - 4" CAL	7
SHRUBS / GRASSES / GROUNDCOVERS				
[Pattern]	PRUNUS BESSEYI	WESTERN SANDCHERRY	TBD	
[Pattern]	SCHIZACHYRIUM SCOPARIUM	LITTLE BLUESTEM GRASS	TBD	
[Pattern]	DESCHAMPSIA CESPITOSA	TUFTED HAIR GRASS	TBD	
[Pattern]	DESCHAMPSIA CESPITOSA + ACHILLEA MILLEFOLIUM	TUFTED HAIR GRASS + YARROW	TBD	
[Pattern]	BOUTELOUA GRACILIS + LUPINUS ARGENTEUS	GRAMA GRASS + SILVERY LUPINE	TBD	
[Pattern]	PARTHENOISSUS QUINQUEFOLIA	VIRGINIA CREEPER	TBD	

US OLYMPIC MUSEUM

OWNER:
United States Olympic Museum
P.O. Box 681
Colorado Springs, CO 80901
T: 719.358.6325

EXECUTIVE ARCHITECT:
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T: 212.260.7971

EXHIBIT DESIGN:
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LANDSCAPE ARCHITECTS:
HARGREAVES ASSOCIATES
180 VARIOX STREET, SUITE 204
New York, New York 10014
T: 212.337.9973

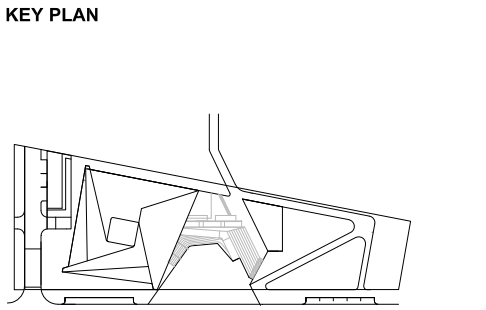
EXECUTIVE LANDSCAPE ARCHITECTS:
NES COLORADO
619 N. CASCADE AVE., SUITE 200
COLORADO SPRINGS, COLORADO 80903
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ADVANCED CONSULTING ENGINEERS
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EAST RUTHERFORD, NJ 07073
T: 973.77.4404

CIVIL
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1604 S. 21ST STREET
COLORADO SPRINGS, COLORADO 80904
T: 719.630.7342

FIRE ALARM AND SPRINKLER, ATRIUM FIRE SMOKE
JENSEN HUGHES
4445 NORTHEAST DRIVE, SUITE 204
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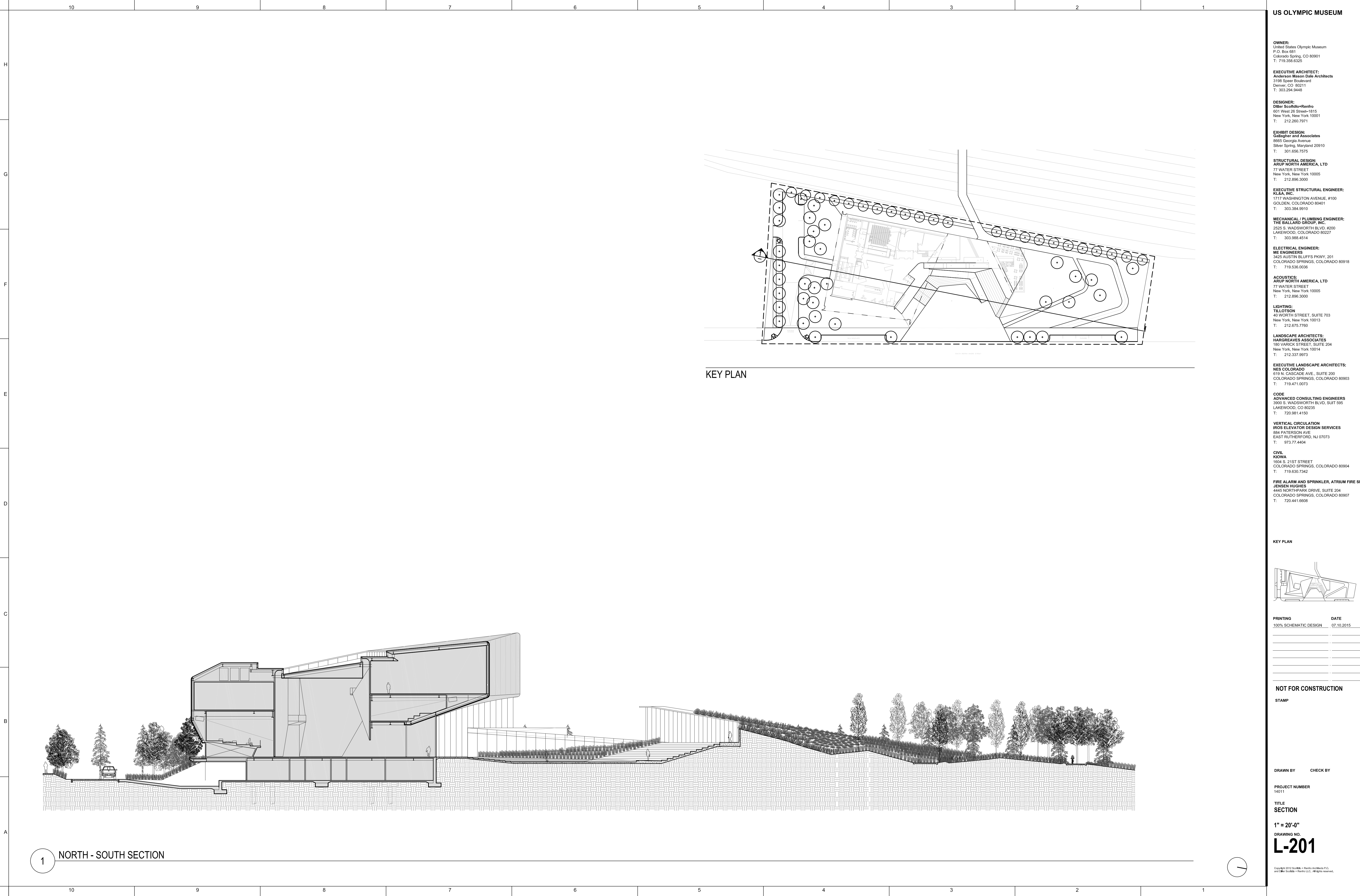
PROJECT NUMBER
14011

TITLE
PLANTING PLAN

1" = 20'-0"

DRAWING NO.
L-103

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KEY PLAN

US OLYMPIC MUSEUM

OWNER:
United States Olympic Museum
P.O. Box 681
Colorado Springs, CO 80901
T: 719.336.6326

EXECUTIVE ARCHITECT:
Anderson Mason Dale Architects
3198 Speer Boulevard
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T: 303.294.9446

DESIGNER:
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601 West 26 Street-1815
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T: 212.260.7971

EXHIBIT DESIGN:
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T: 212.896.3000

EXECUTIVE STRUCTURAL ENGINEER:
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MECHANICAL / PLUMBING ENGINEER:
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2525 S. WADSWORTH BLVD, #200
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T: 303.988.4514

ELECTRICAL ENGINEER:
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T: 719.536.0036

ACOUSTICS:
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LIGHTING:
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LANDSCAPE ARCHITECTS:
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T: 212.337.9973

EXECUTIVE LANDSCAPE ARCHITECTS:
NES COLORADO
619 N. CASCADE AVE., SUITE 200
COLORADO SPRINGS, COLORADO 80903
T: 719.471.0073

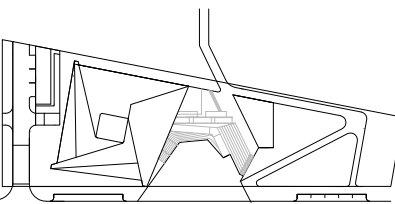
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LAKEWOOD, CO 80235
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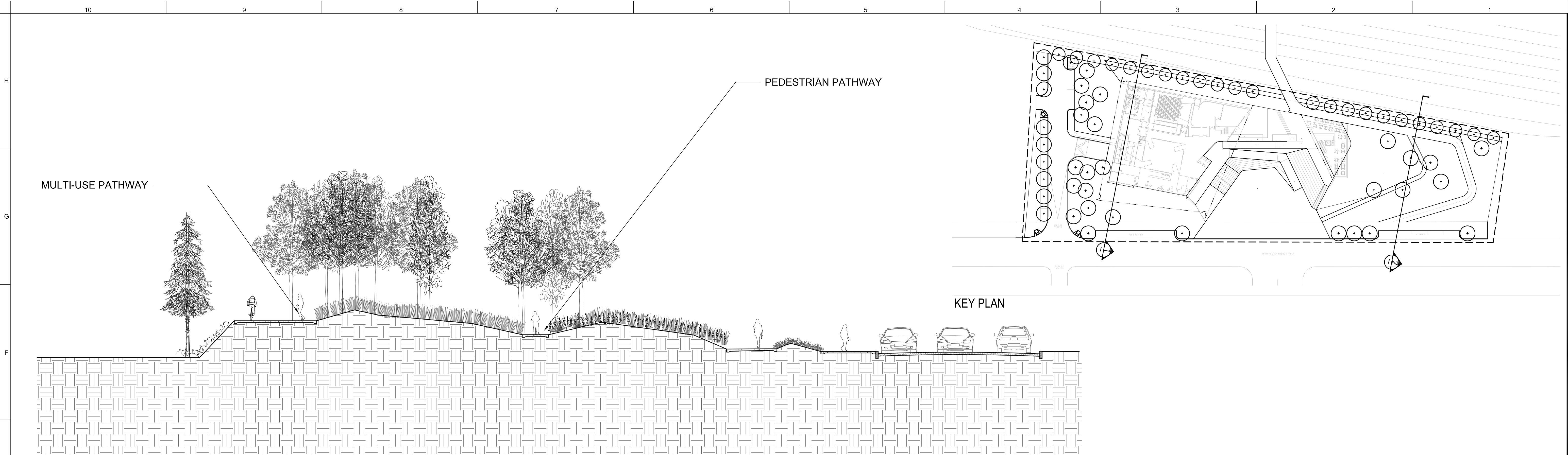
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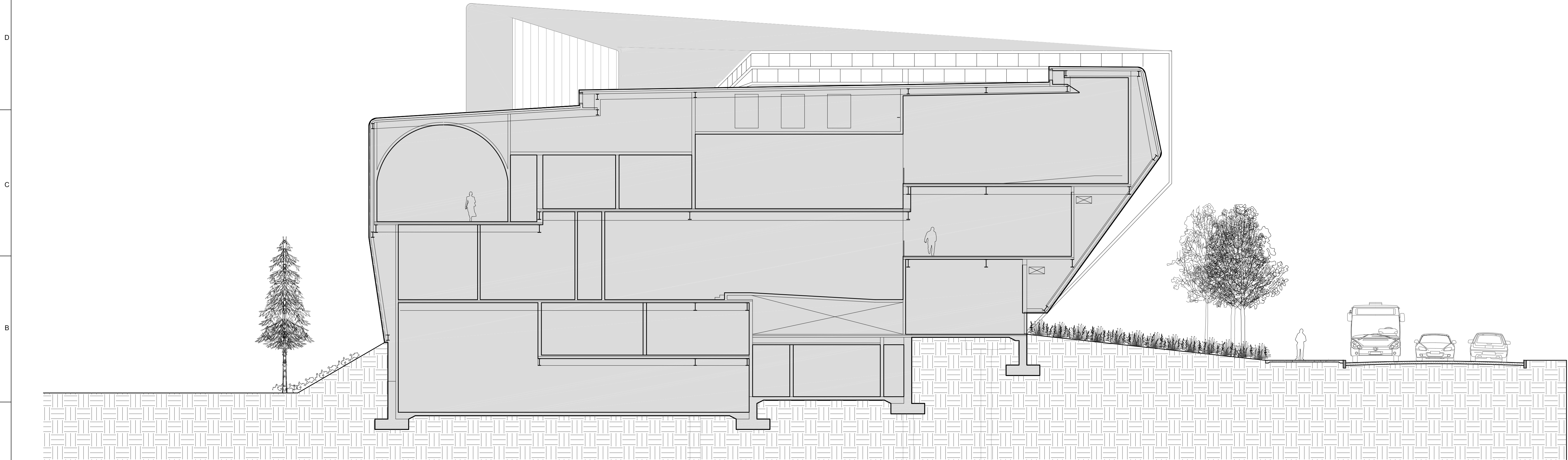
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2 EAST - WEST SECTION 2



1 EAST - WEST SECTION 1

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OWNER:
United States Olympic Museum
P.O. Box 681
Colorado Springs, CO 80901
T: 719.358.6325

EXECUTIVE ARCHITECT:
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DESIGNER:
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LIGHTING:
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New York, New York 10013
T: 212.675.7760

LANDSCAPE ARCHITECTS:
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NES COLORADO
619 N. CASCADE AVE., SUITE 200
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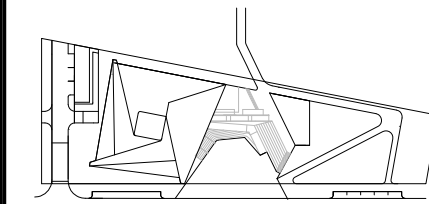
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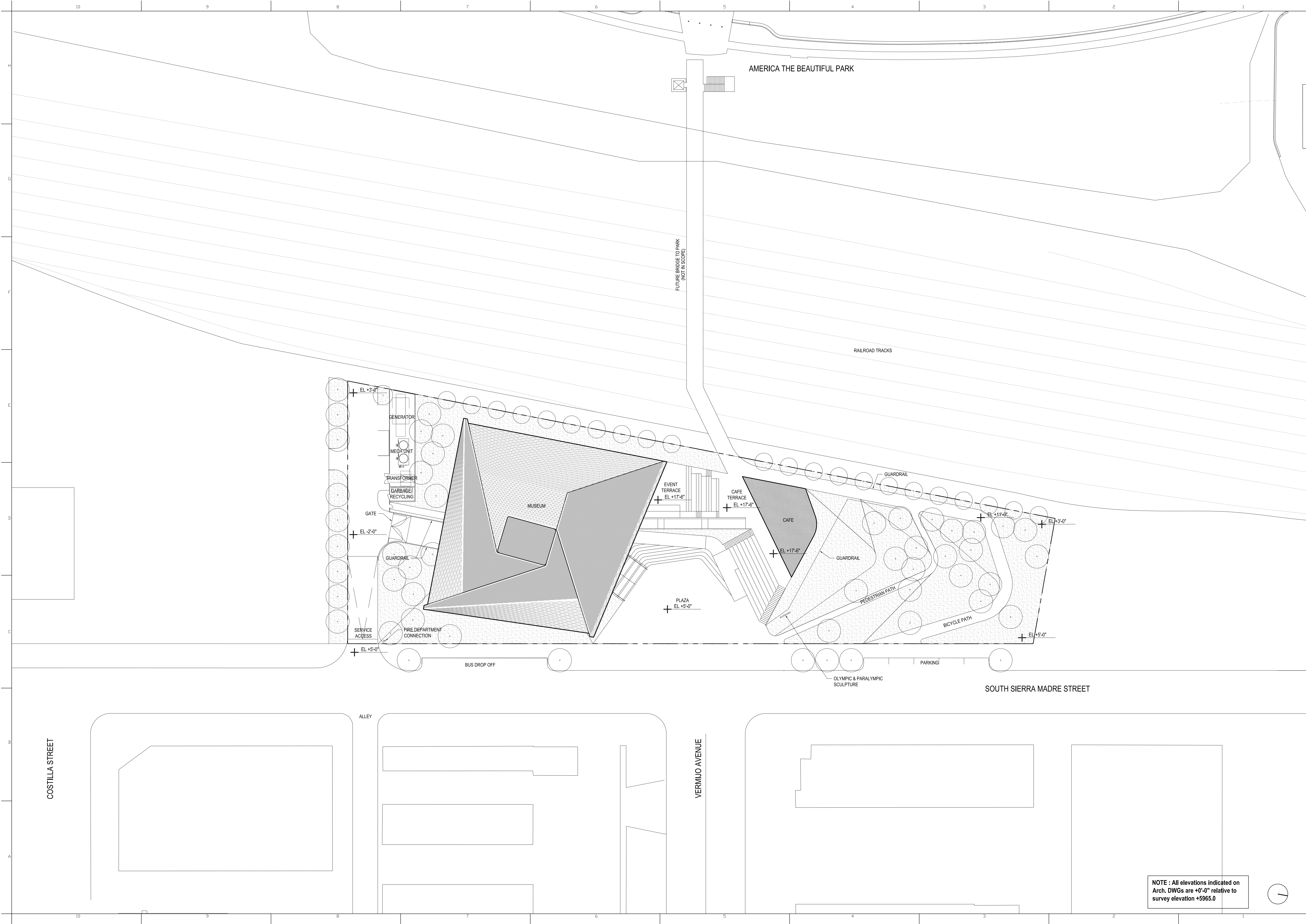
TITLE
SECTION

1" = 10'-0"

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US OLYMPIC MUSEUM

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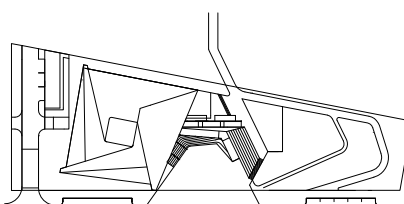
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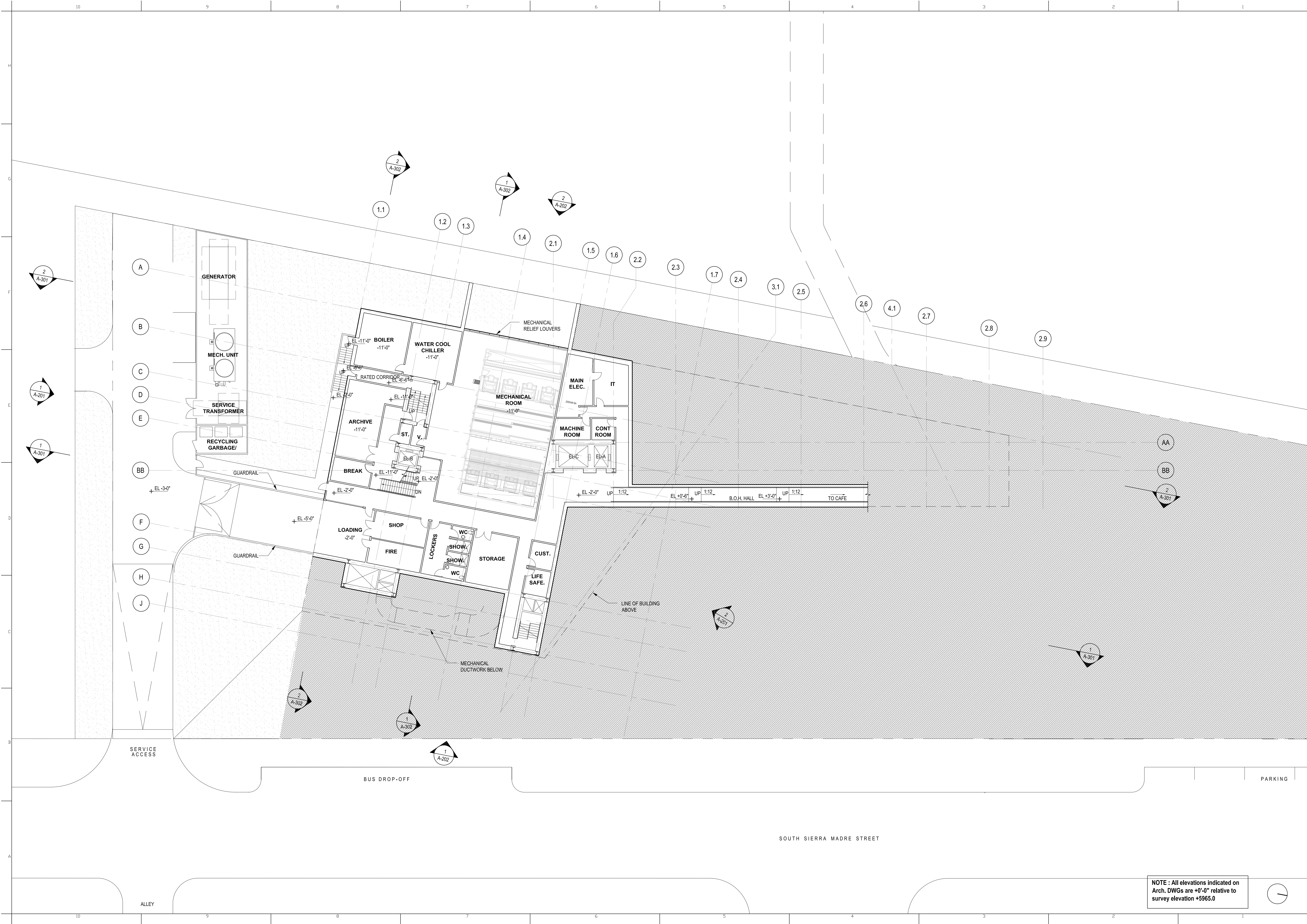
PROJECT NUMBER
14011

TITLE
SITE PLAN
1/32" = 1'-0"

DRAWING NO.
A-001

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T: 719.471.0073

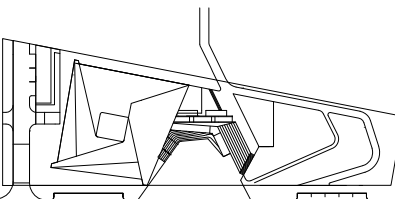
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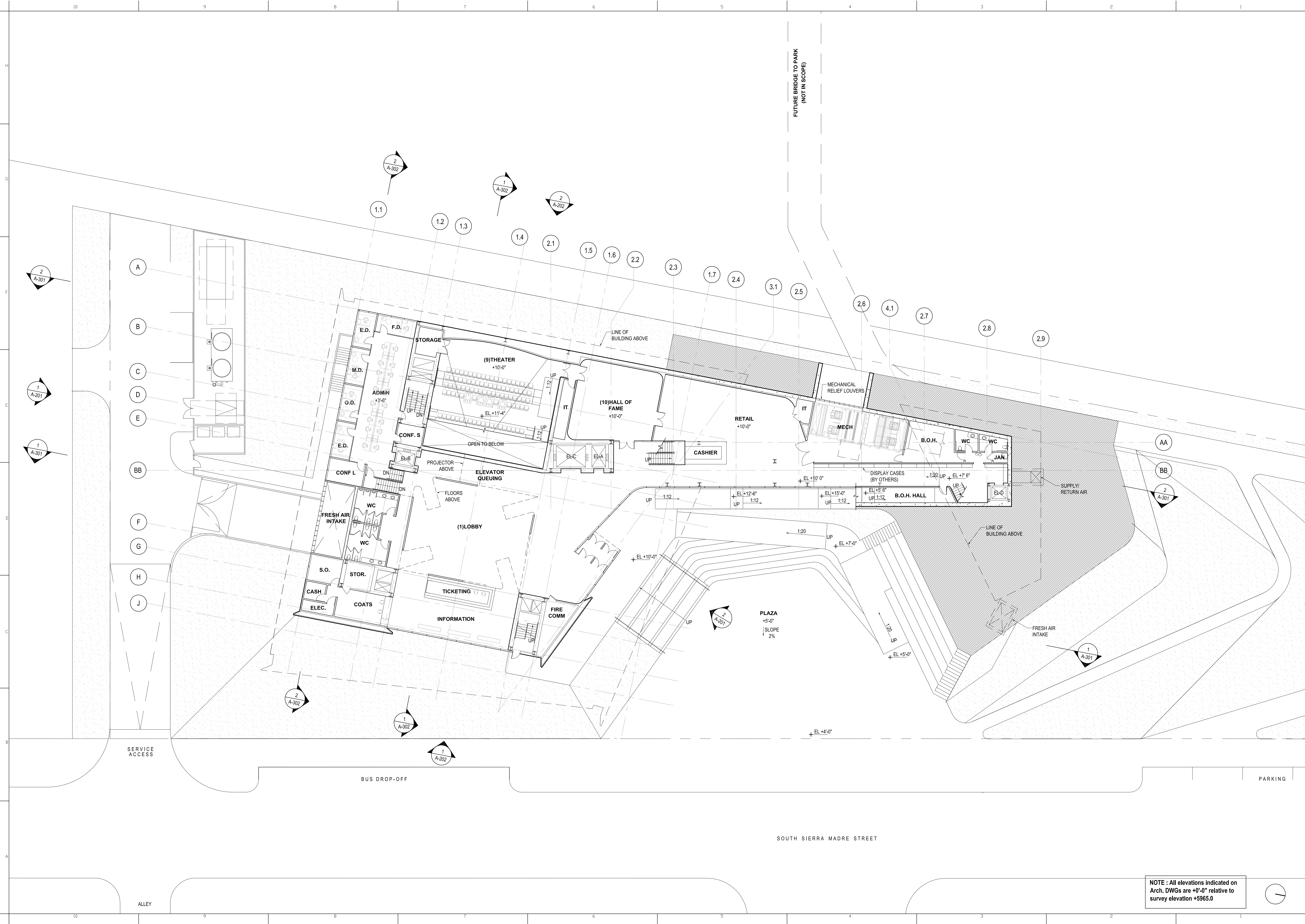
PROJECT NUMBER
14011

TITLE
LEVEL -1 PLAN (BASEMENT)
1/16" = 1'-0"

DRAWING NO.
A-100

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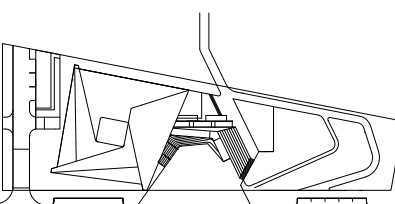
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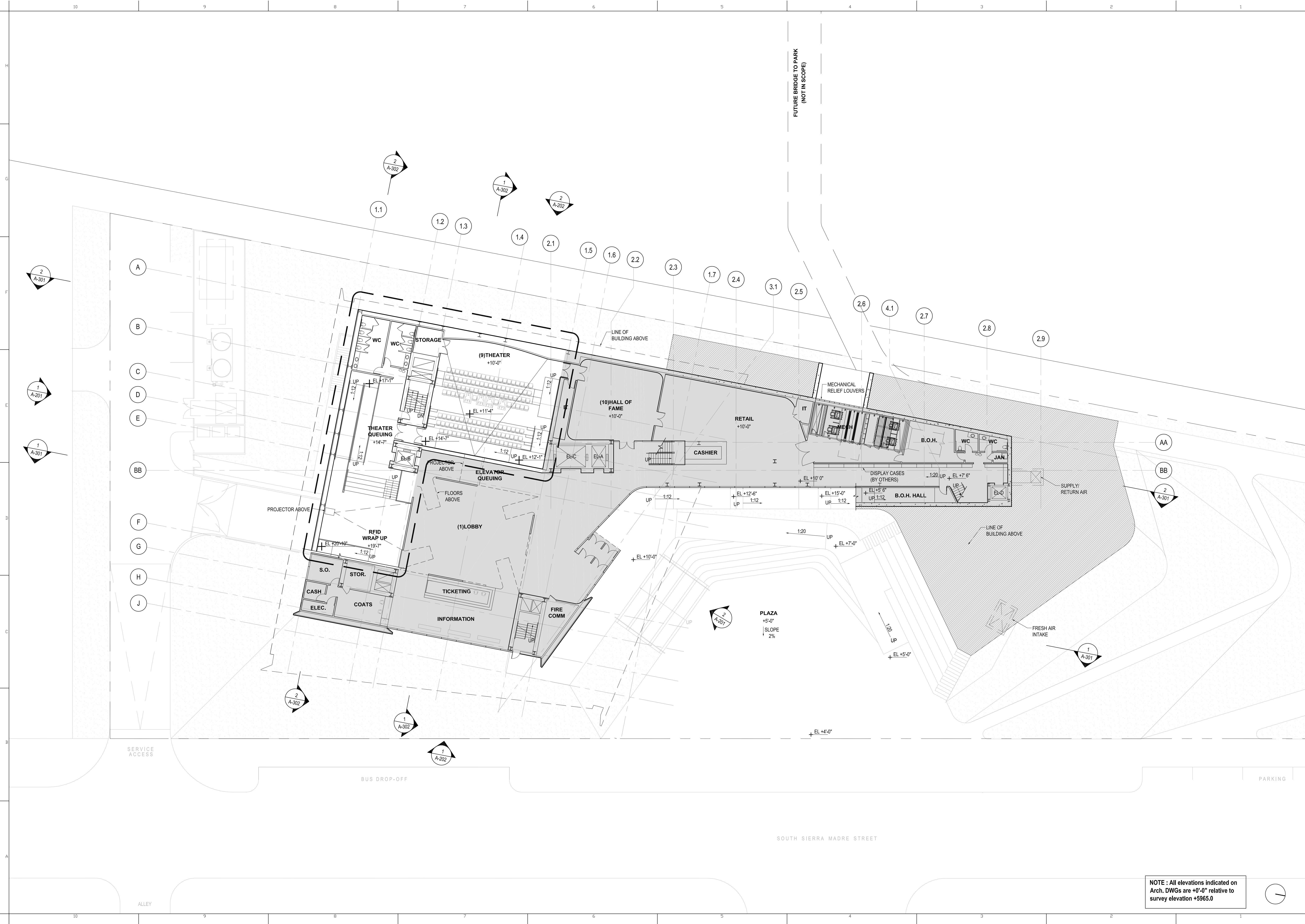
PROJECT NUMBER
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TITLE
LEVEL 1 PLAN (GROUND FLOOR)
1/16" = 1'-0"

DRAWING NO.
A-101

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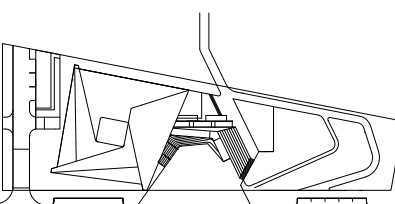
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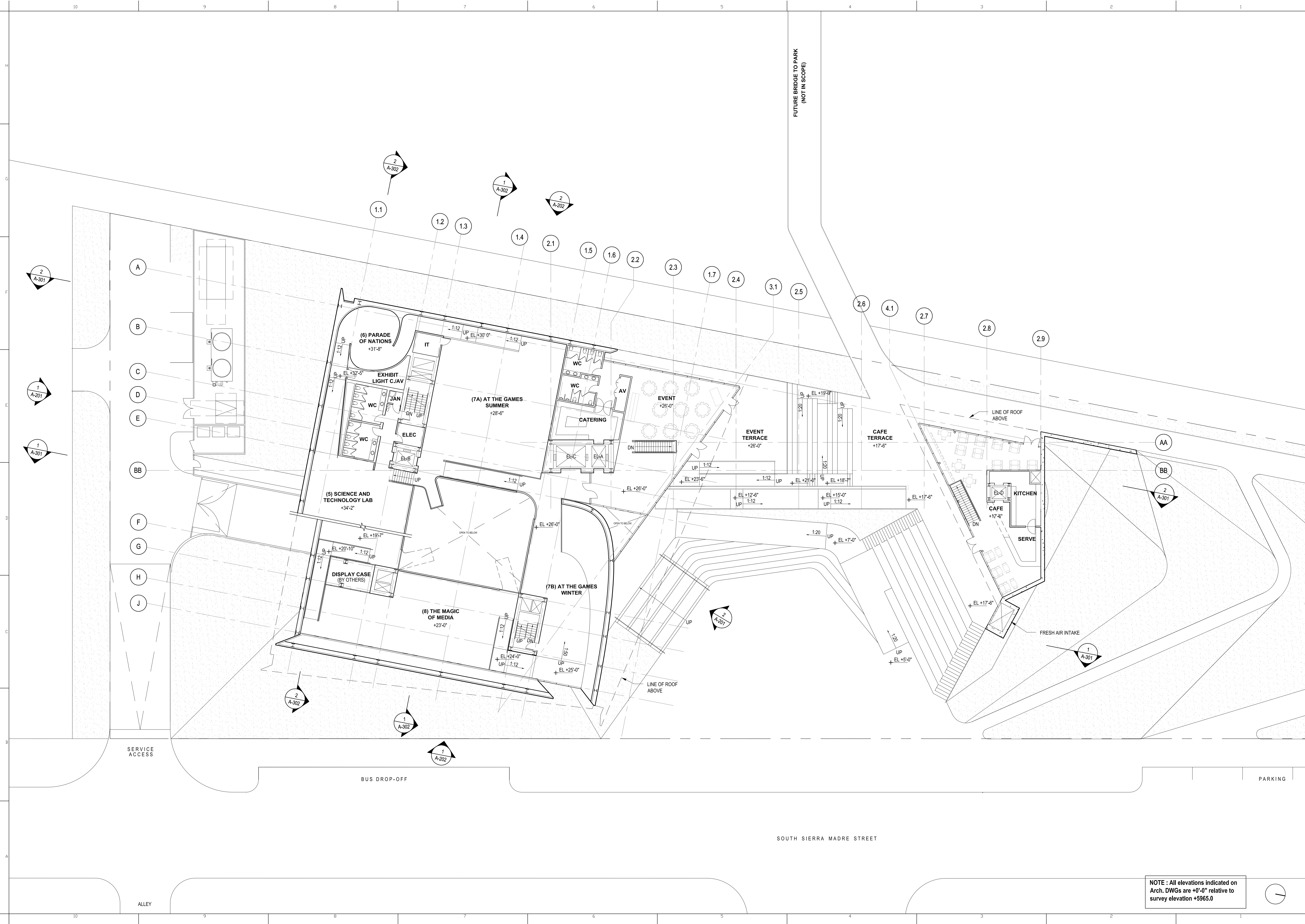
PROJECT NUMBER
14011

TITLE
LEVEL 1 MEZZANINE PLAN
1/16" = 1'-0"

DRAWING NO.
A-101a

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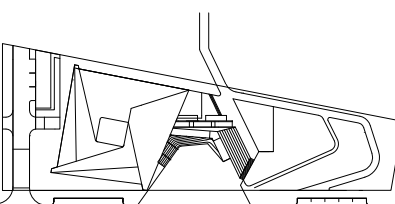
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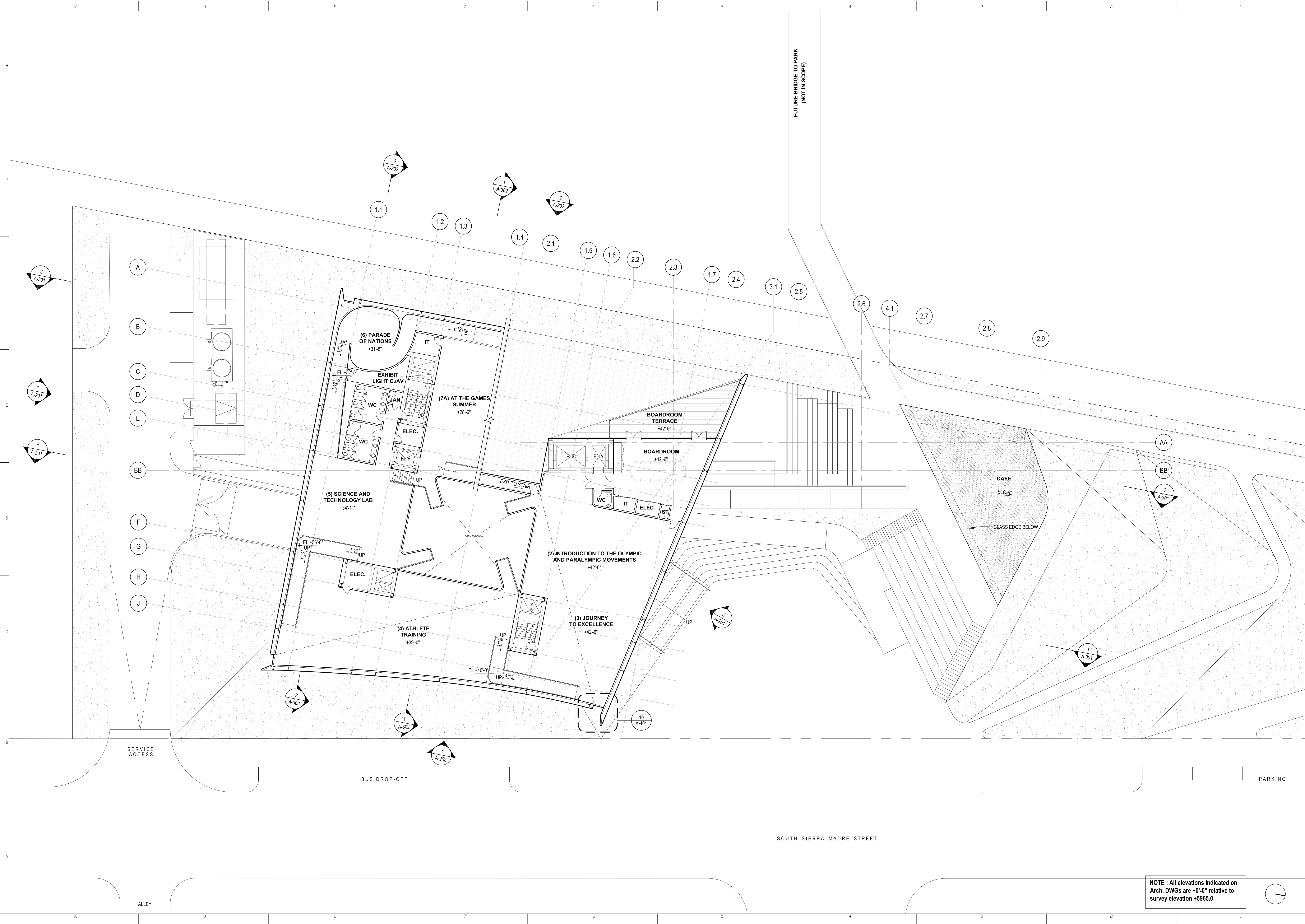
PROJECT NUMBER
14011

TITLE
LEVEL 2 PLAN
1-16" = 1'-0"

DRAWING NO.
A-102

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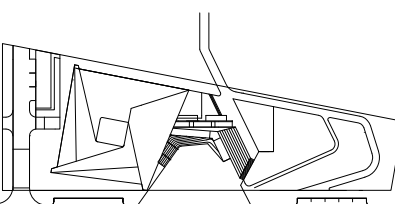
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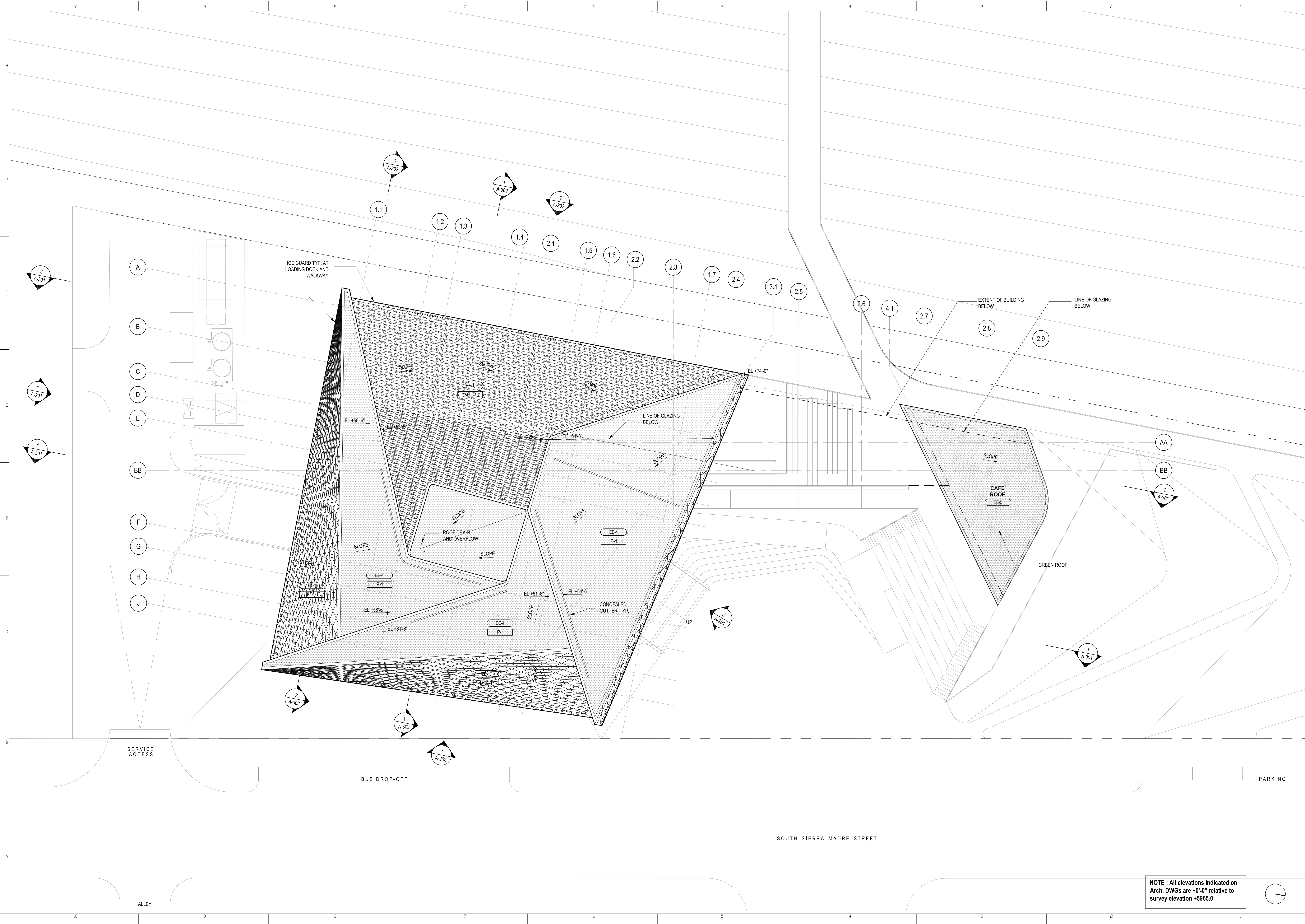
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PROJECT NUMBER
14011

TITLE
LEVEL 3 PLAN
(UPPER FLOOR)
1/16" = 1'-0"

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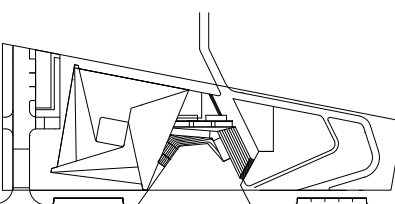
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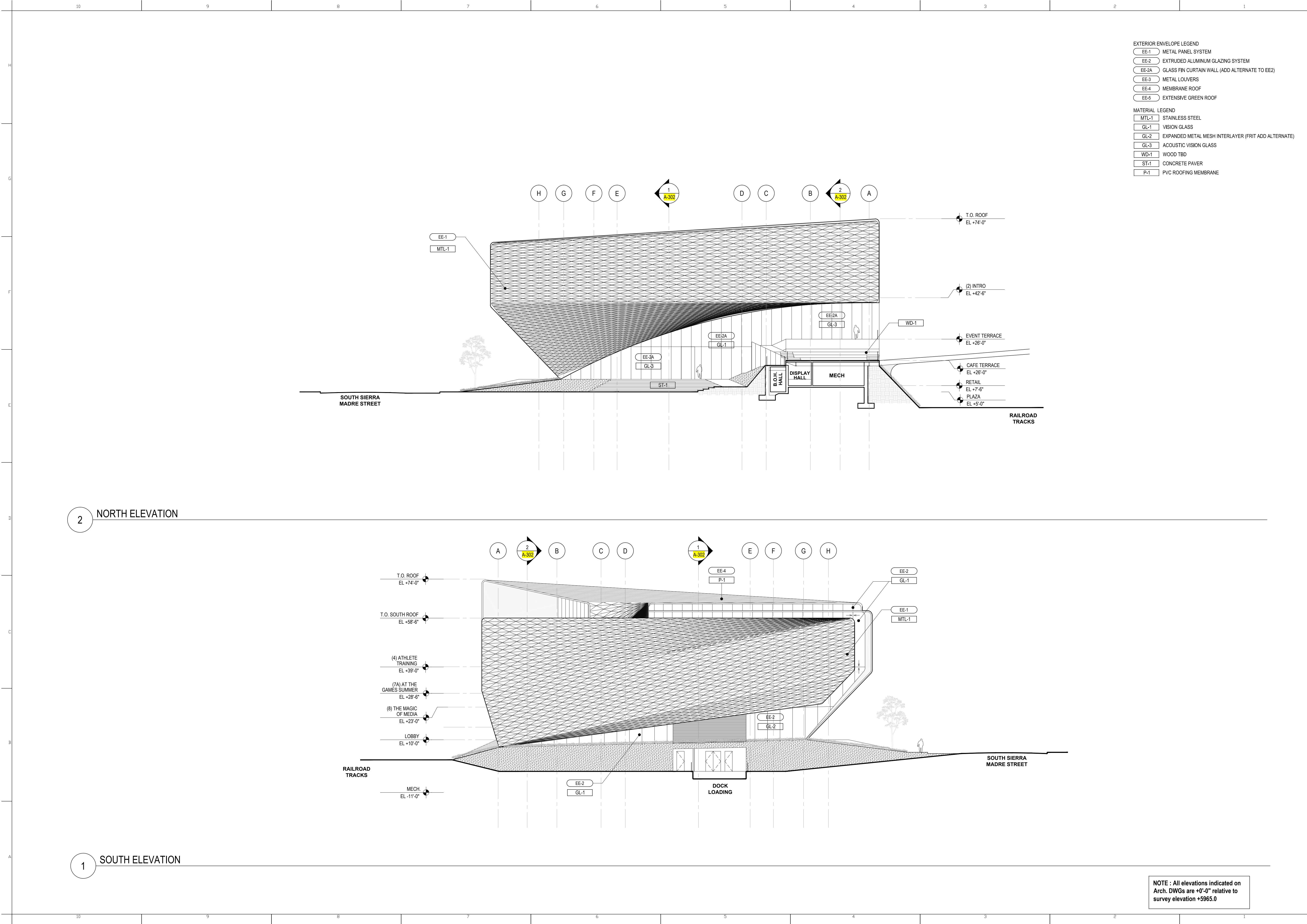
1/16" = 1'-0"

DRAWING NO.

A-104

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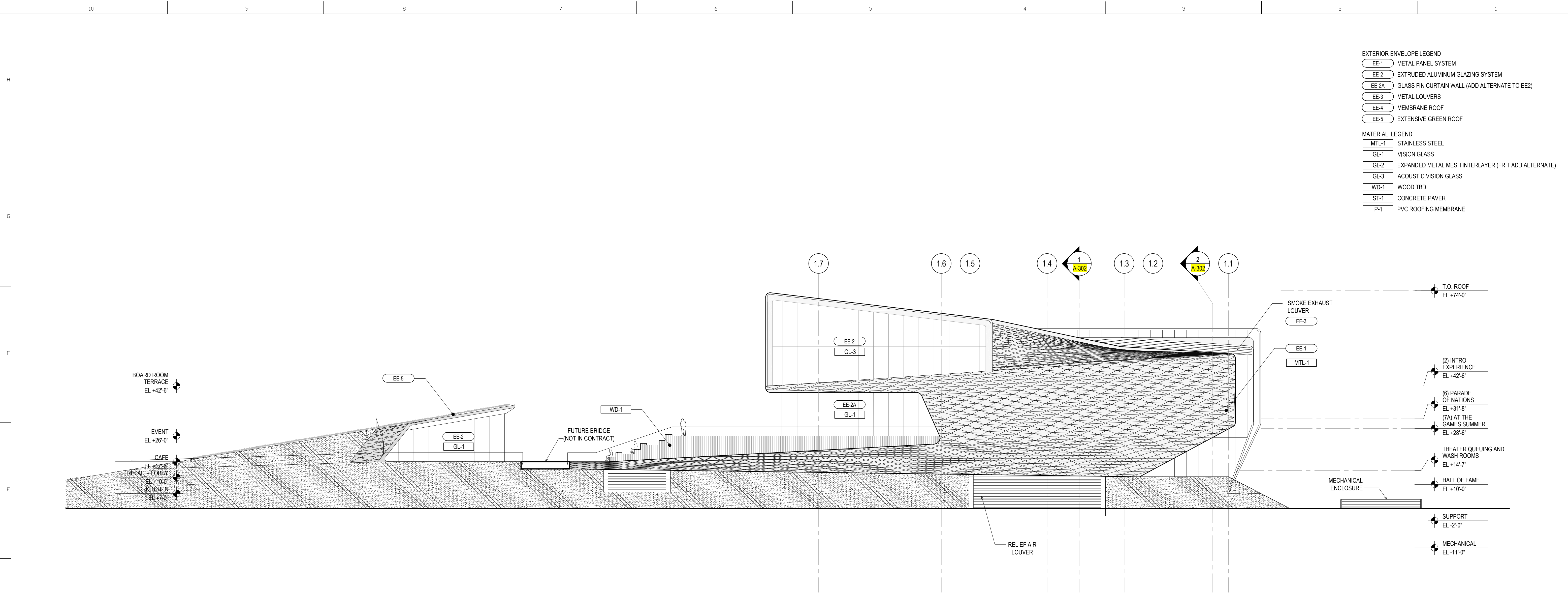
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- EE-1 METAL PANEL SYSTEM
 - EE-2 EXTRUDED ALUMINUM GLAZING SYSTEM
 - EE-2A GLASS FIN CURTAIN WALL (ADD ALTERNATE TO EE2)
 - EE-3 METAL LOUVERS
 - EE-4 MEMBRANE ROOF
 - EE-5 EXTENSIVE GREEN ROOF
- MATERIAL LEGEND
- MTL-1 STAINLESS STEEL
 - GL-1 VISION GLASS
 - GL-2 EXPANDED METAL MESH INTERLAYER (FRIT ADD ALTERNATE)
 - GL-3 ACOUSTIC VISION GLASS
 - WD-1 WOOD TBD
 - ST-1 CONCRETE PAVER
 - P-1 PVC ROOFING MEMBRANE

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New York, New York 10013
T: 212.675.7760

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619 N. CASCADE AVE., SUITE 200
COLORADO SPRINGS, COLORADO 80903
T: 719.471.0073

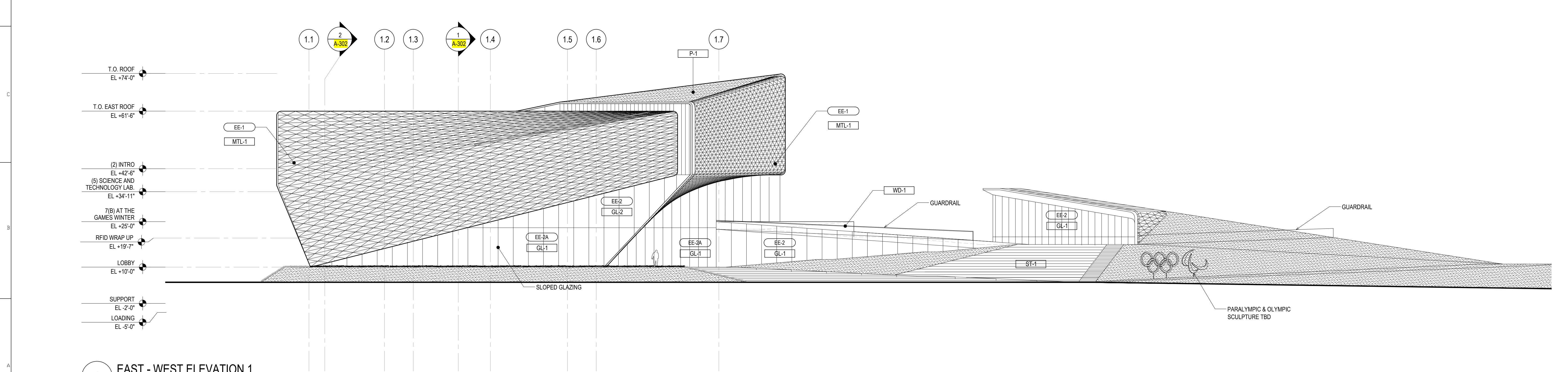
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LAKEWOOD, CO 80235
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KIOWA
1604 S. 21ST STREET
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T: 719.630.7342

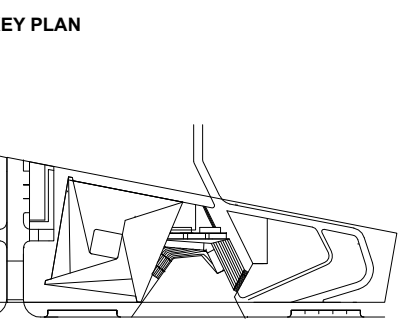
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2 EAST - WEST ELEVATION 2



1 EAST - WEST ELEVATION 1

NOTE : All elevations indicated on Arch. DWGs are +0'-0" relative to survey elevation +5965.0



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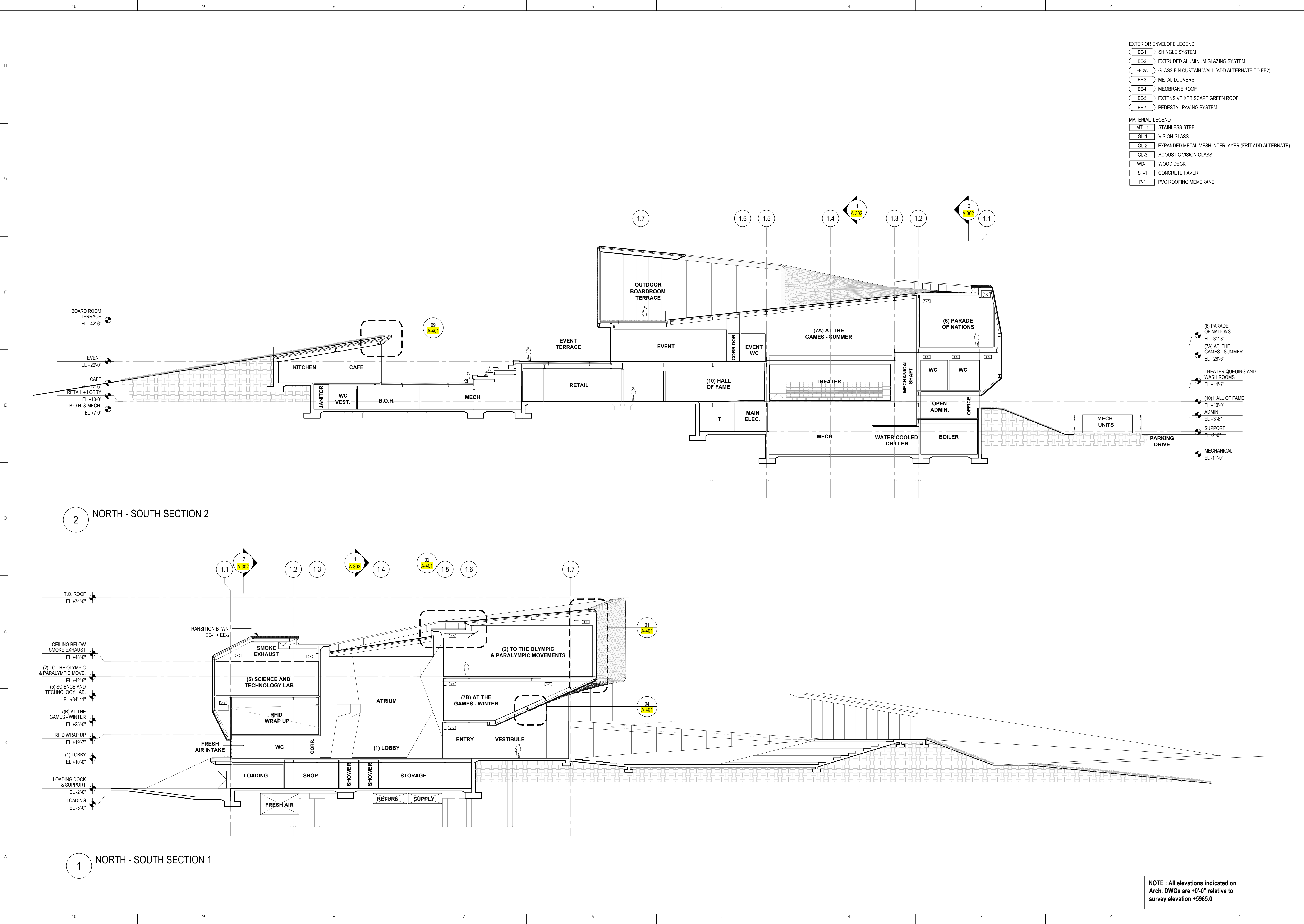
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14011

TITLE
ELEVATIONS: EAST - WEST
1/16" = 1'-0"

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A-202

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US OLYMPIC MUSEUM

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United States Olympic Museum
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Colorado Springs, CO 80901
T: 719.358.6325

EXECUTIVE ARCHITECT:

Anderson Mason Dale Architects
3188 Speer Boulevard
Denver, CO 80211
T: 303.294.9448

DESIGNER:

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T: 212.260.7971

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T: 212.896.3000

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T: 303.384.8910

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T: 303.988.4514

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T: 973.77.4404

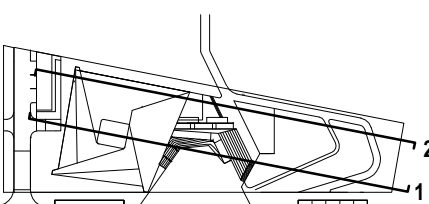
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SECTIONS: NORTH - SOUTH

1/16" = 1'-0"

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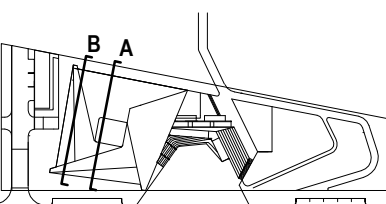
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LAKEWOOD, CO 80235
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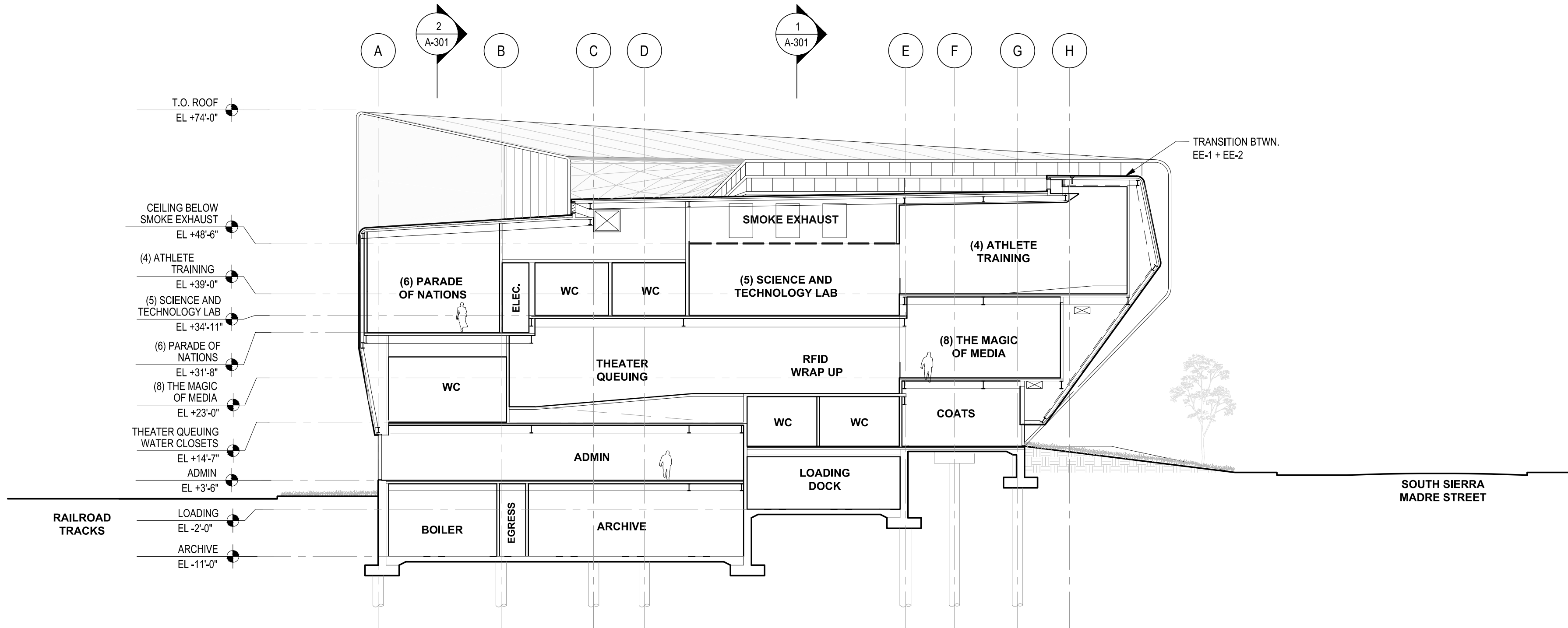
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1/16" = 1'-0"

DRAWING NO.
A-302

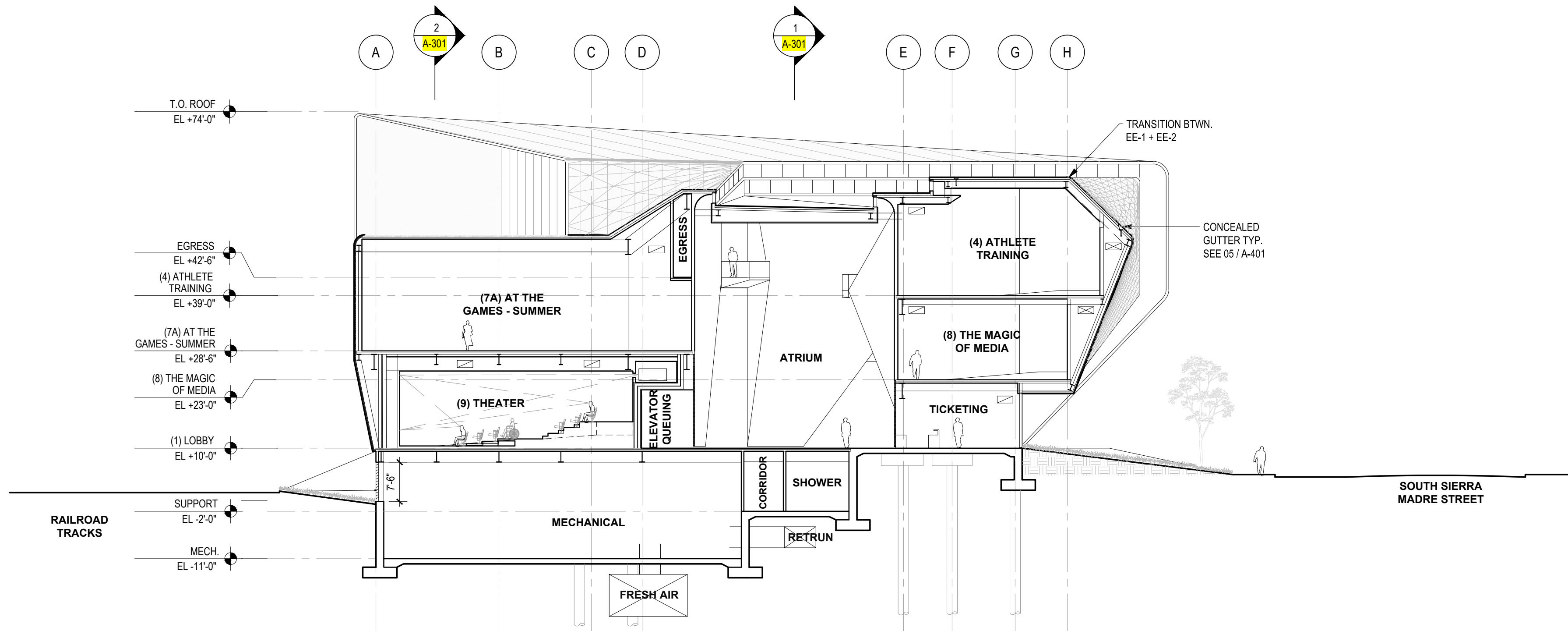
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- EXTERIOR ENVELOPE LEGEND
- EE-1 SHINGLE SYSTEM
 - EE-2 EXTRUDED ALUMINUM GLAZING SYSTEM
 - EE-2A GLASS FIN CURTAIN WALL (ADD ALTERNATE TO EE2)
 - EE-3 METAL LOUVERS
 - EE-4 MEMBRANE ROOF
 - EE-5 EXTENSIVE XERISCAPE GREEN ROOF
 - EE-7 PEDESTAL PAVING SYSTEM

- MATERIAL LEGEND
- MTL-1 STAINLESS STEEL
 - GL-1 VISION GLASS
 - GL-2 EXPANDED METAL MESH INTERLAYER (FRIT ADD ALTERNATE)
 - GL-3 ACOUSTIC VISION GLASS
 - WD-1 WOOD DECK
 - ST-1 CONCRETE PAVER
 - P-1 PVC ROOFING MEMBRANE

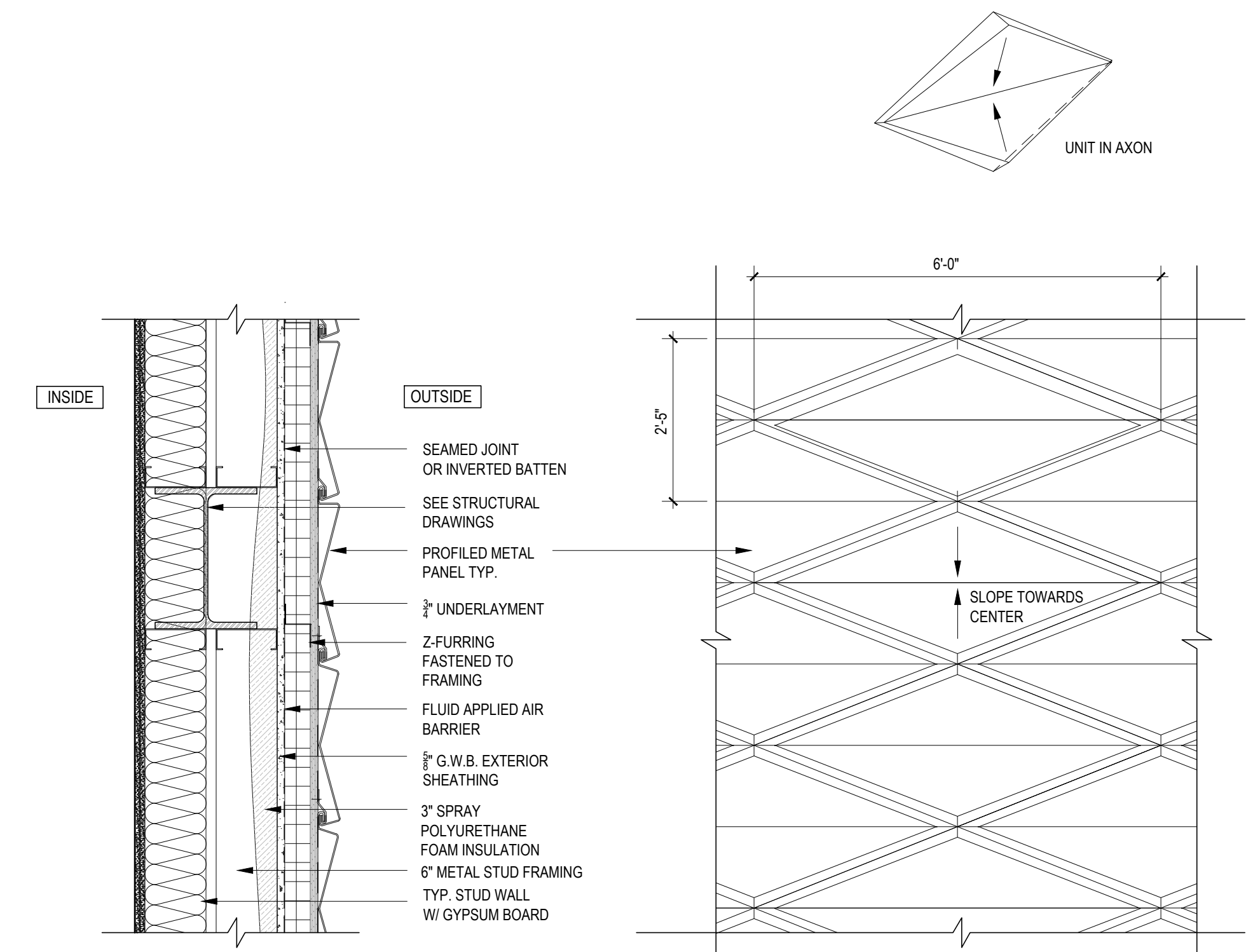


2 EAST - WEST SECTION B

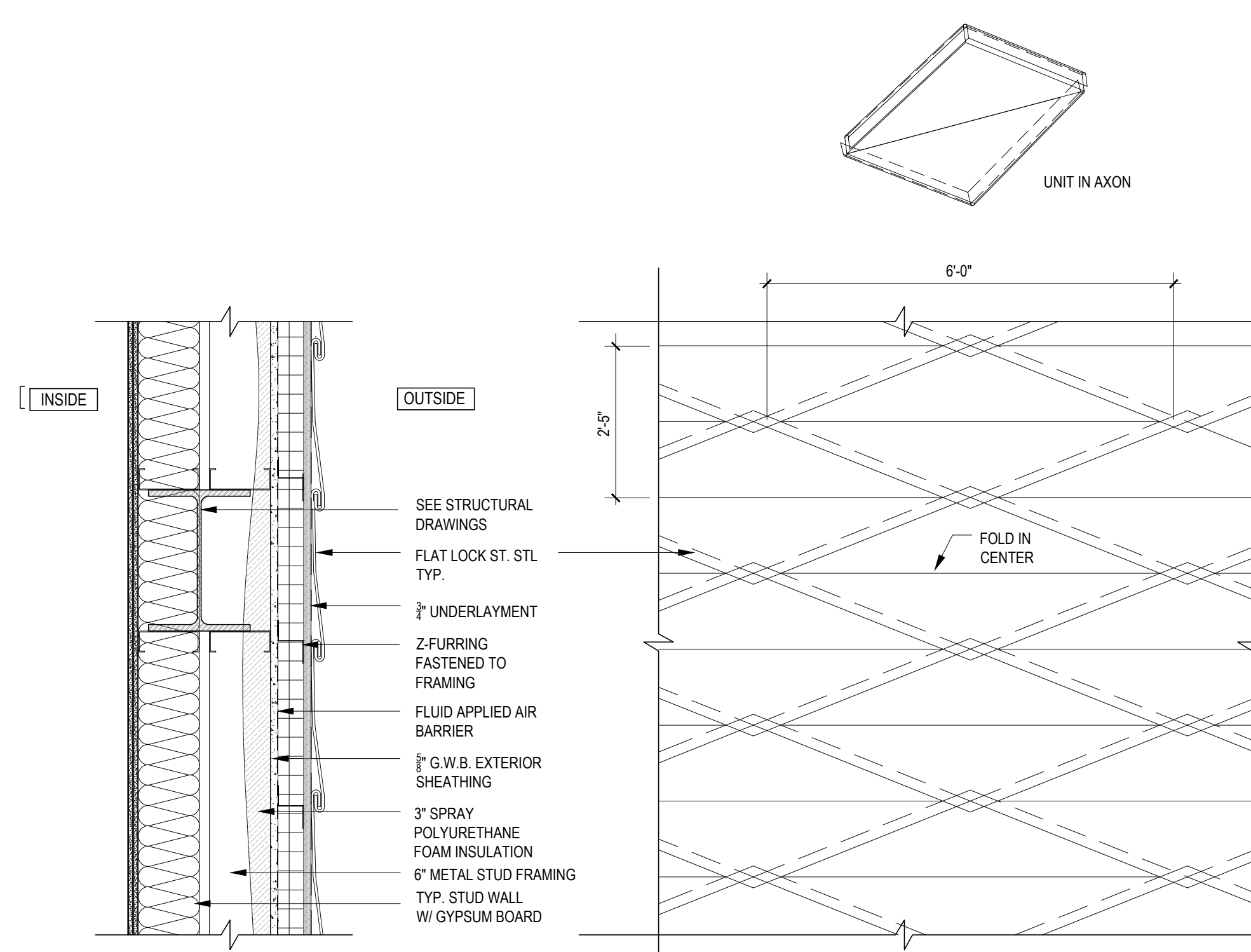


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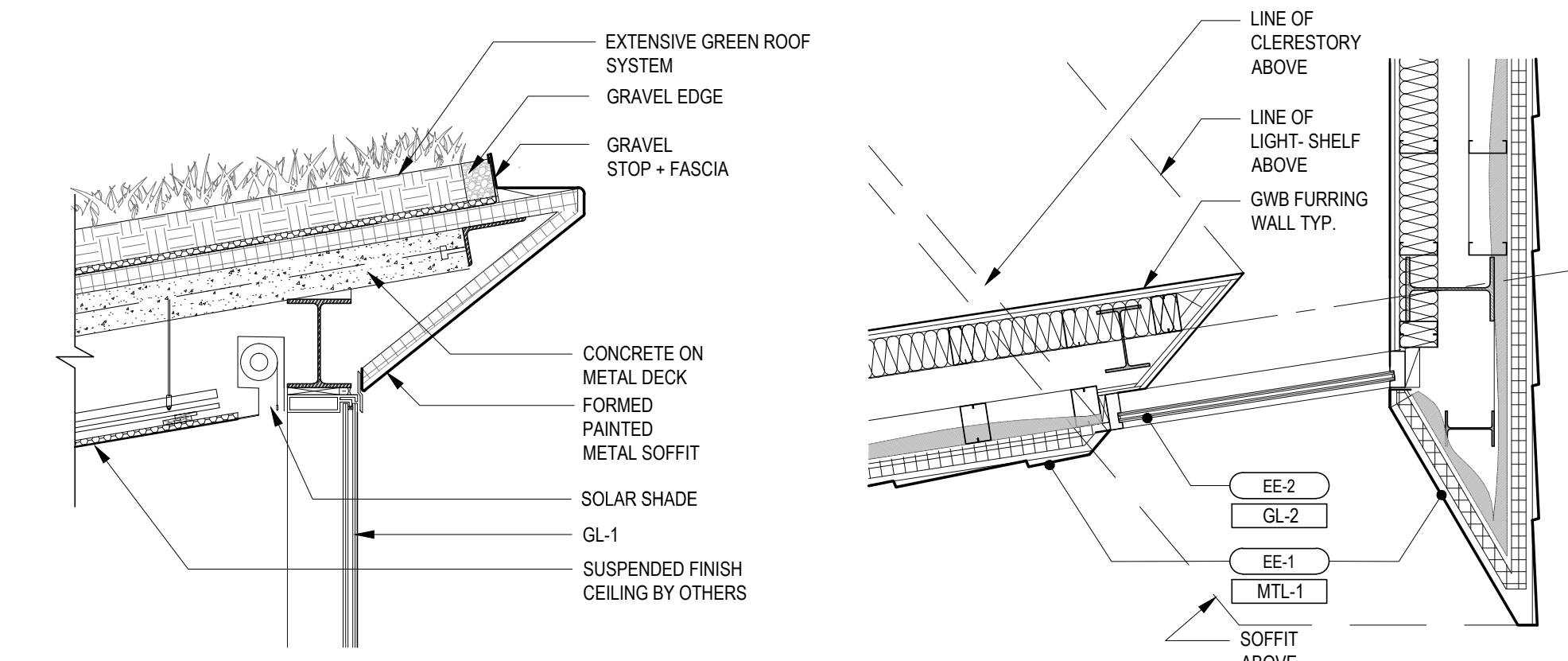
NOTE : All elevations indicated on Arch. DWGs are +0'-0" relative to survey elevation +5965.0



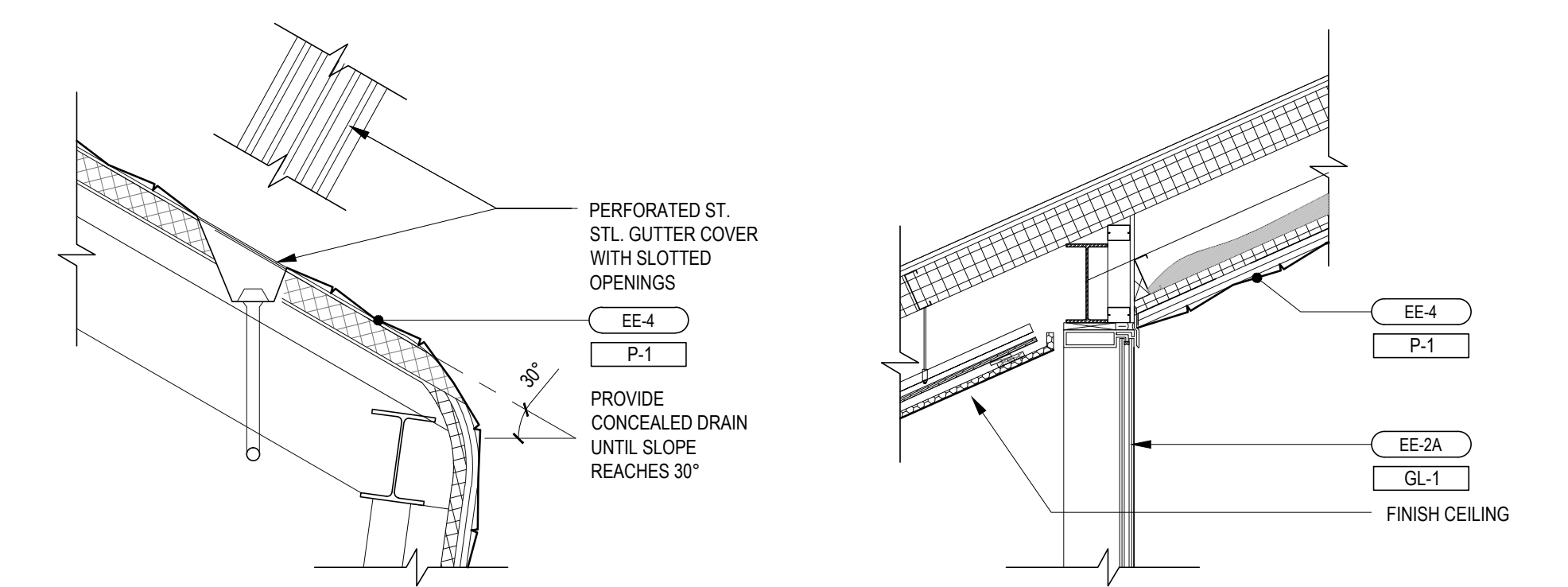
07 DETAIL: EXTERIOR CLADDING (PRICING OPTION 2)
SCALE: 1" = 1'-0"



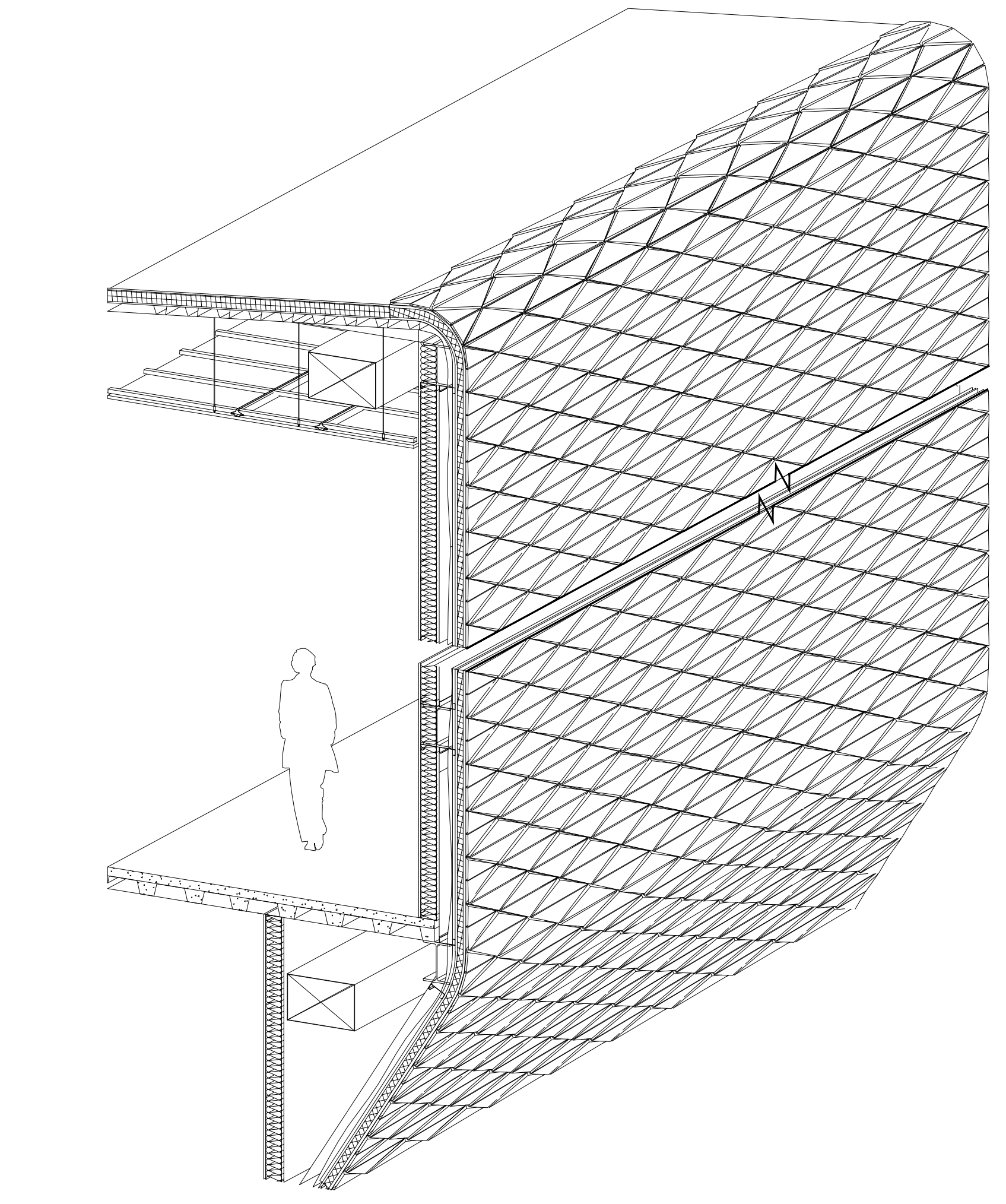
06 DETAIL: EXTERIOR CLADDING (PRICING OPTION 1)
SCALE: 1" = 1'-0"



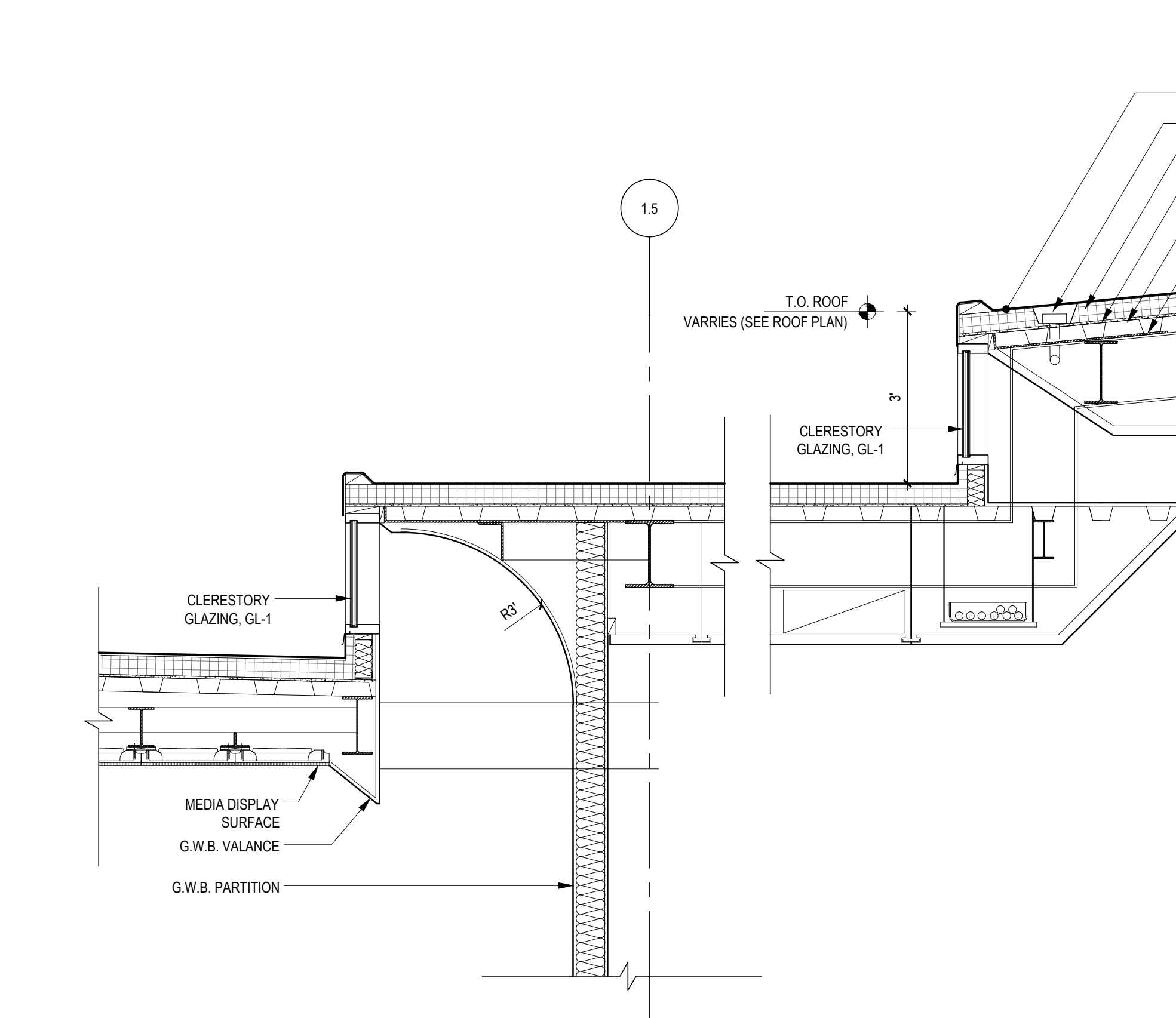
05 SECTION: CONCEALED ROOF DRAIN
SCALE: 1/2" = 1'-0"



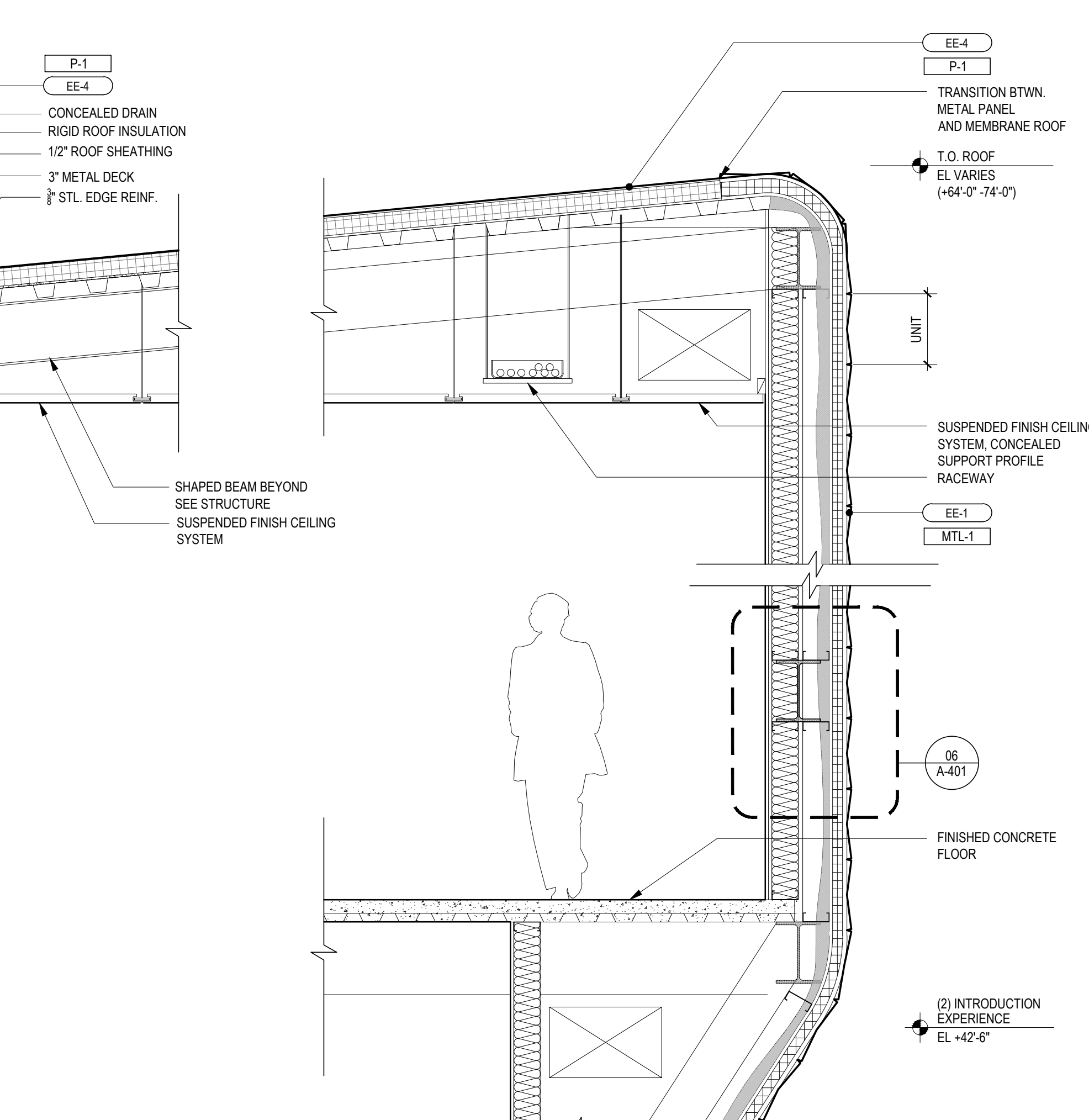
04 SECTION: CLADDING TO CURTIAN WALL
SCALE: 1/2" = 1'-0"



07 AXON: EXTERIOR CLADDING



02 SECTION: CLERESTORY
SCALE: 1/2" = 1'-0"



01 SECTION: EXTERIOR CLADDING
SCALE: 1/2" = 1'-0"

US OLYMPIC MUSEUM

OWNER:
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P.O. Box 681
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T: 719.358.6325

EXECUTIVE ARCHITECT:
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STRUCTURAL DESIGN:
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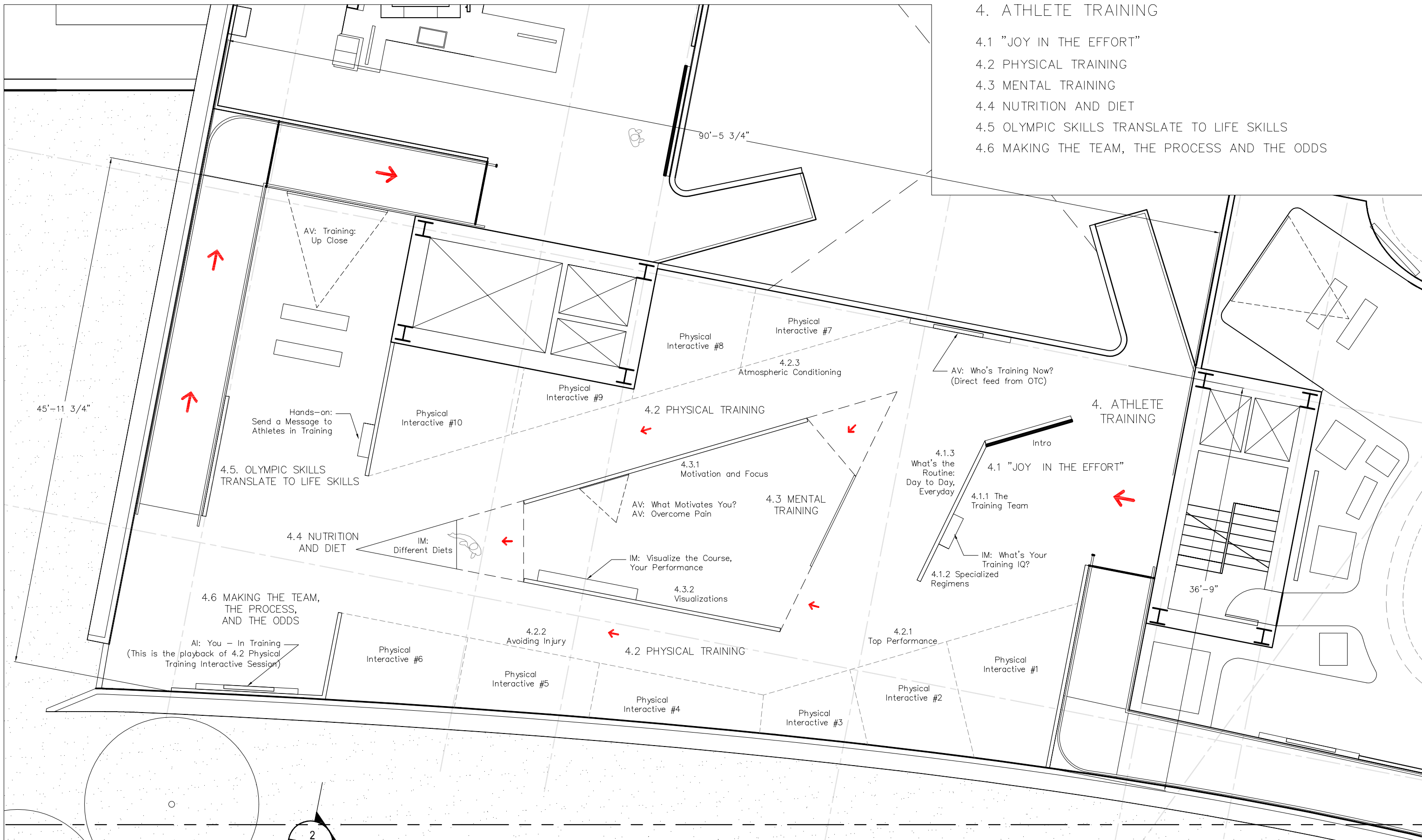


EXHIBIT PLAN - AREA 4

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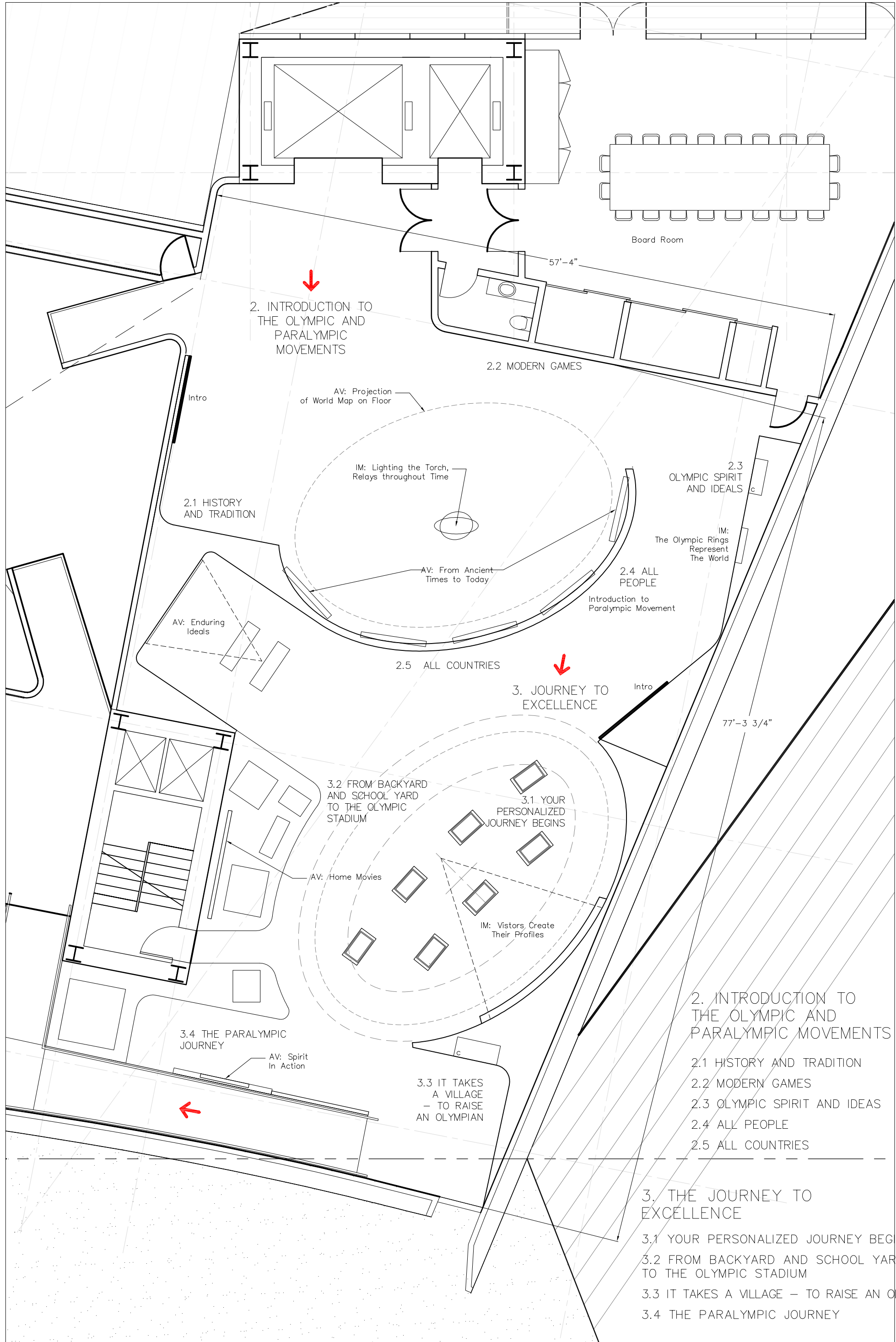


EXHIBIT PLAN - AREA 2, 3

1
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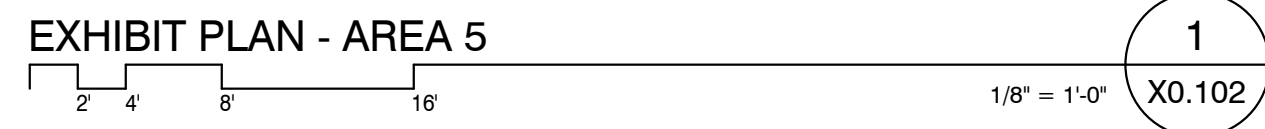
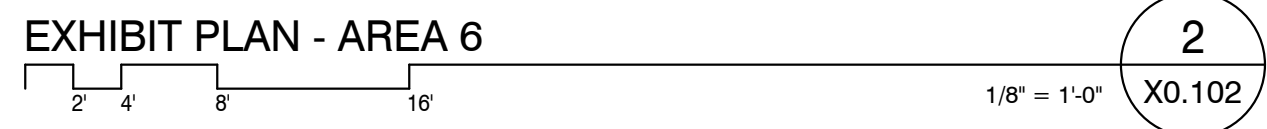
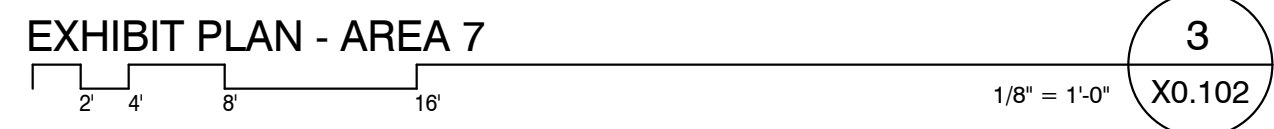
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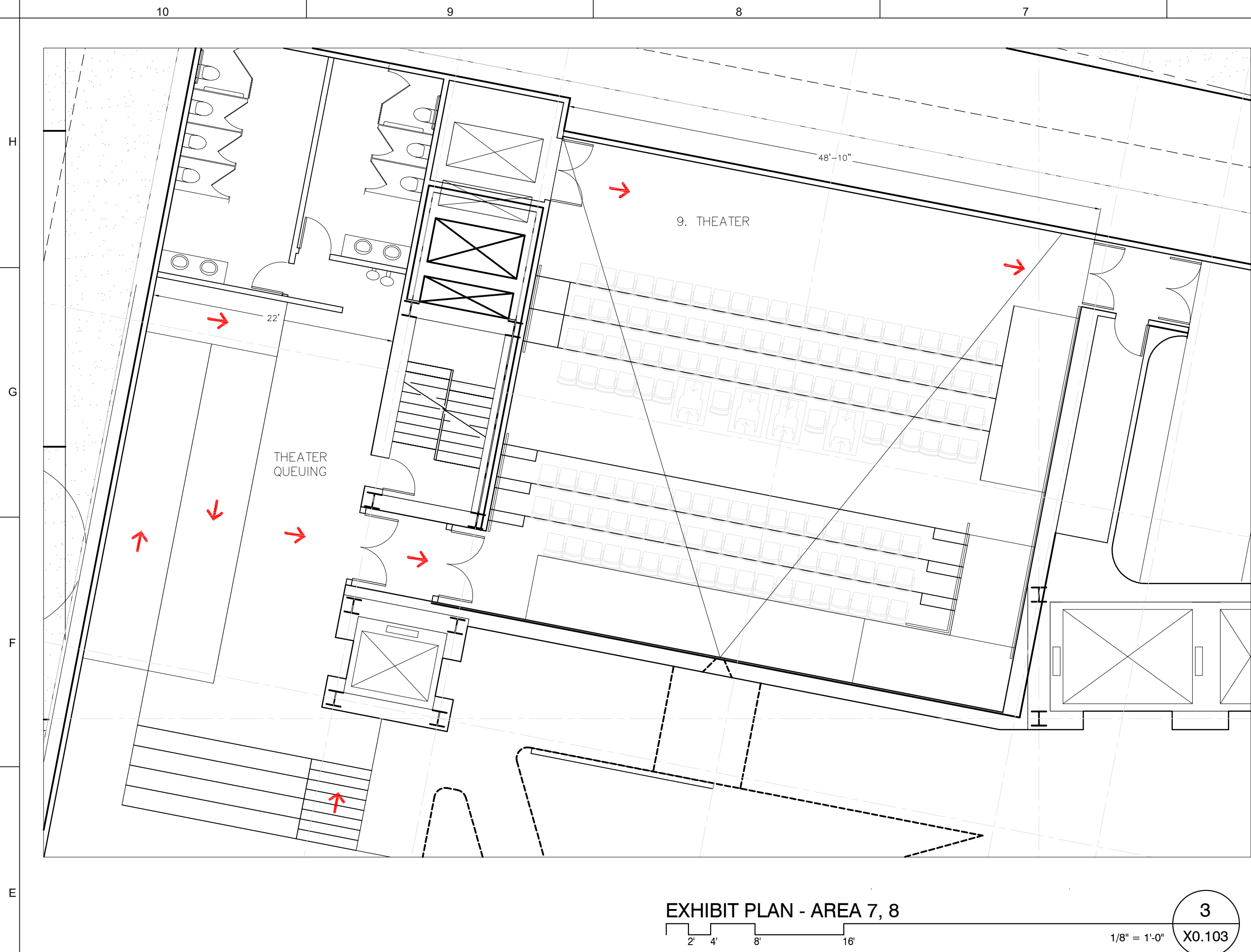
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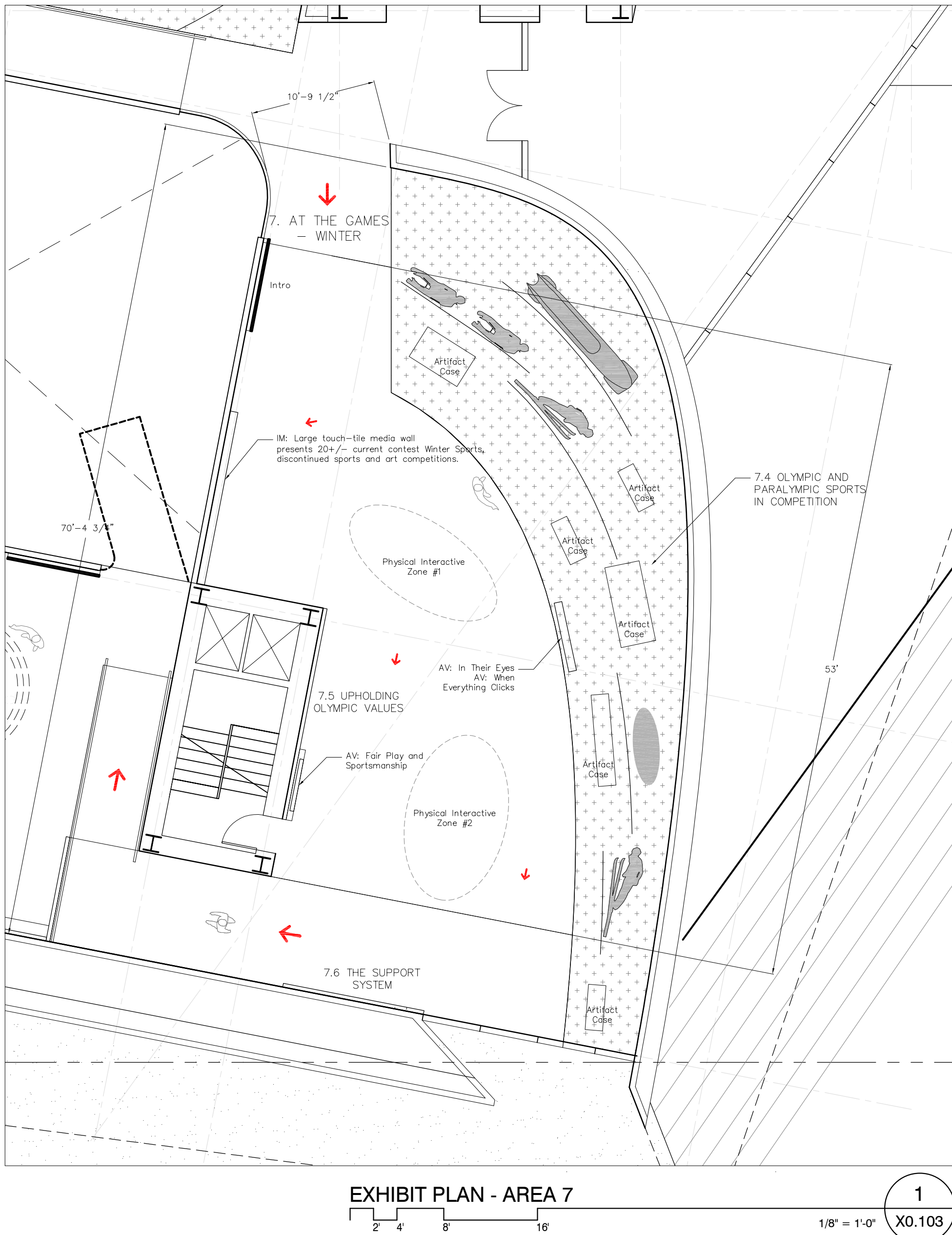
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9. THEATER

7. AT THE GAMES — WINTER
- 7.4 OLYMPIC AND PARALYMPIC SPORTS IN COMPETITION
- 7.5 UPHOLDING OLYMPIC VALUES
- 7.6 THE SUPPORT SYSTEM



US OLYMPIC MUSEUM

OWNER:
United States Olympic Museum
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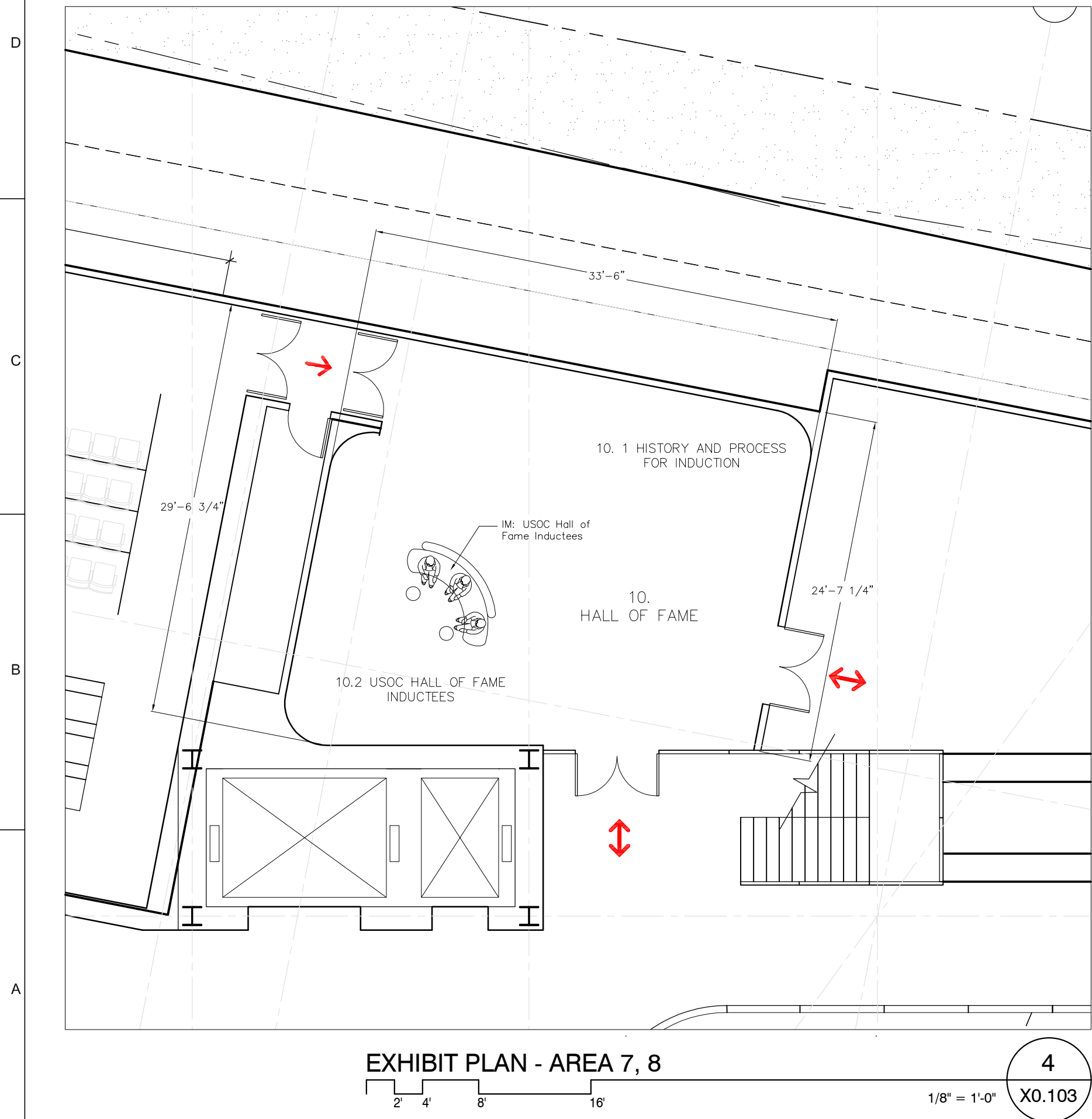
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10. HALL OF FAME

- 10.1 HISTORY AND PROCESS FOR INDUCTION
- 10.2 USOC HALL OF FAME INDUCTEES.

7. AT THE GAMES — THE MEDAL CEREMONY
- 7.7 GO FOR THE GOLD

- 8.1 THE WORLD WATCHES: BROADCASTING THE GAMES
- 8.2 BROADCAST TECHNOLOGY
- 8.3 FEATURING THE 50TH: MEXICO CITY 1968

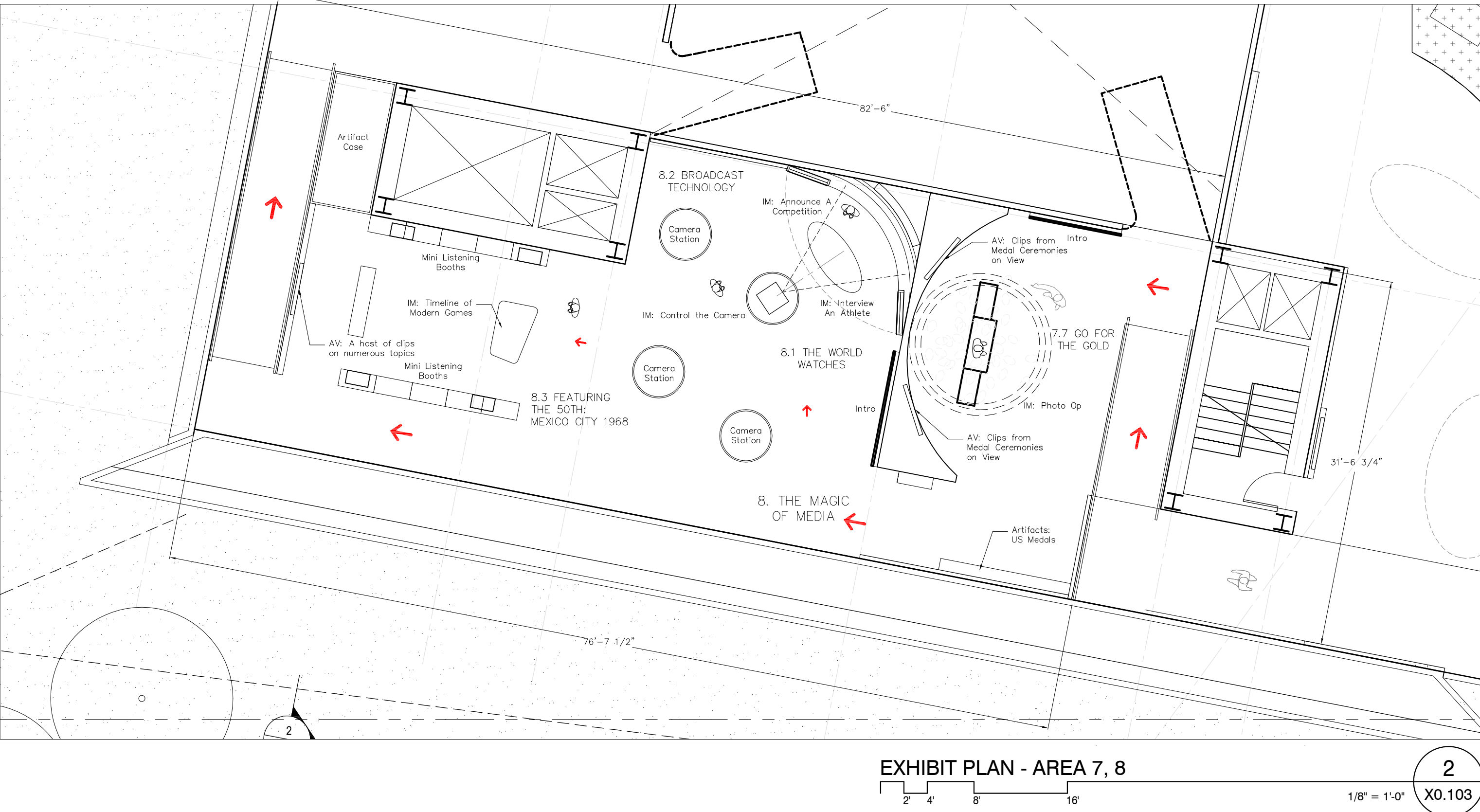


EXHIBIT PLAN - AREA 7, 8

2

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619 N. CASCADE AVE., SUITE 200
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T: 719.471.0073

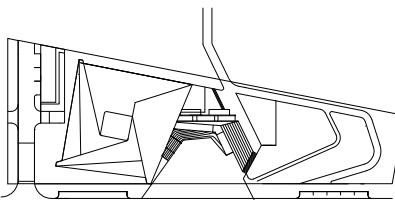
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Colorado Springs, CO 80901
T: 719.358.6325

EXECUTIVE ARCHITECT:
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3198 Speer Boulevard
Denver, CO 80211
T: 303.294.9448

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601 West 26 Street-1815
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T: 212.696.3000

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T: 303.888.4514

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619 N. CASCADE AVE., SUITE 200
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T: 719.471.0073

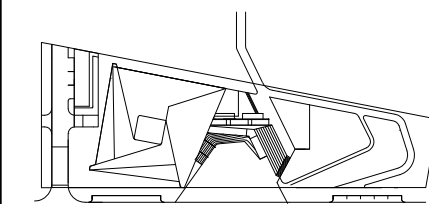
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1/16" = 1'-0"

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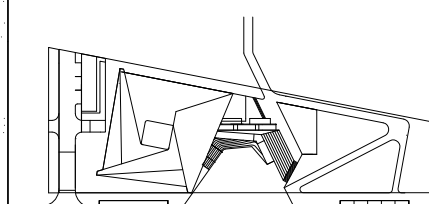
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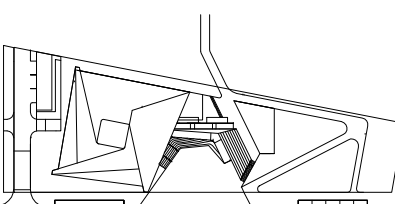
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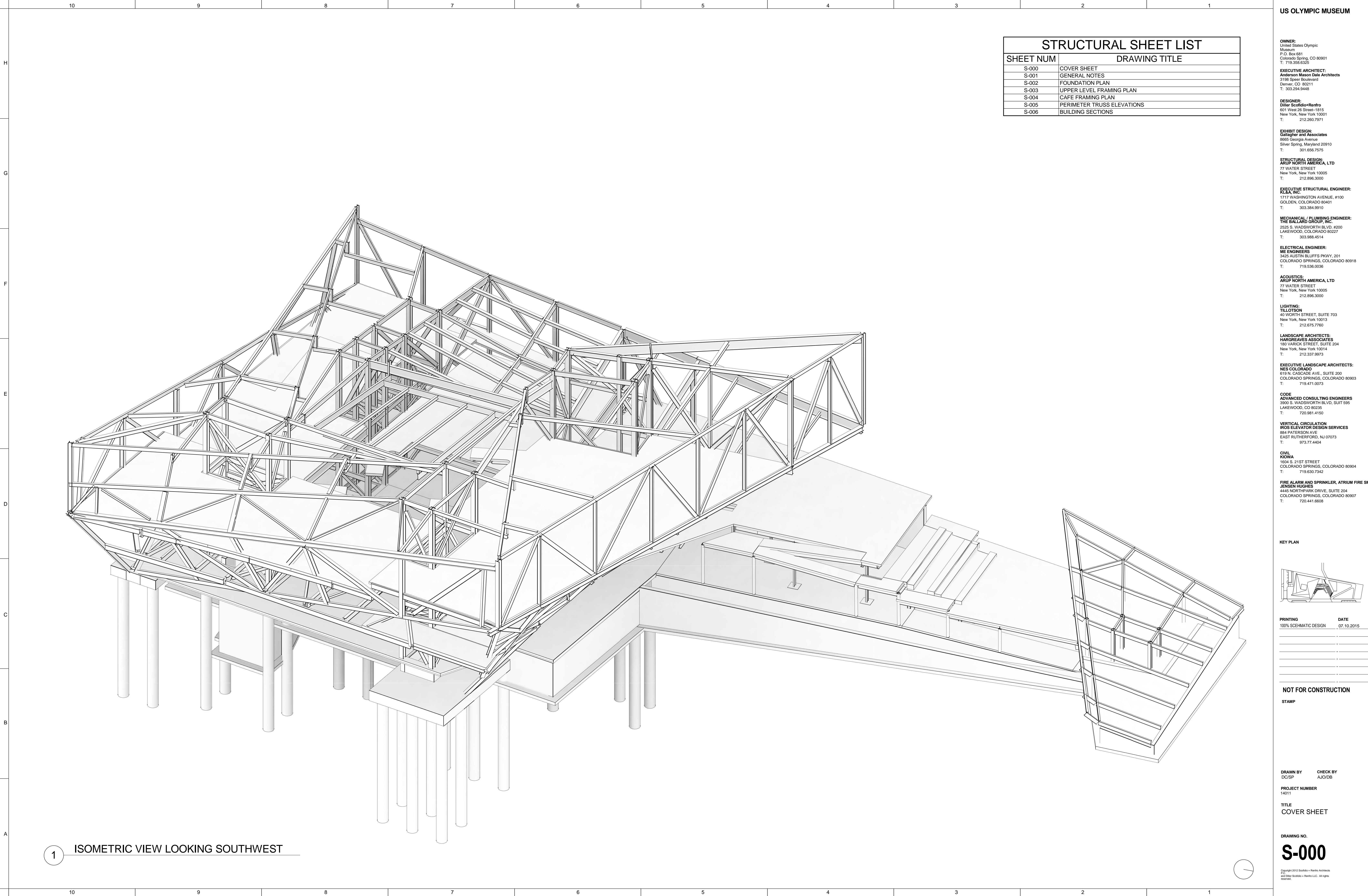
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1 ISOMETRIC VIEW LOOKING SOUTHWEST

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SHEET NUM	DRAWING TITLE
S-000	COVER SHEET
S-001	GENERAL NOTES
S-002	FOUNDATION PLAN
S-003	UPPER LEVEL FRAMING PLAN
S-004	CAFE FRAMING PLAN
S-005	PERIMETER TRUSS ELEVATIONS
S-006	BUILDING SECTIONS

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619 N. CASCADE AVE., SUITE 200
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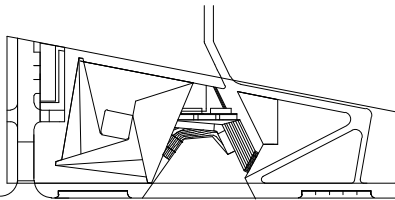
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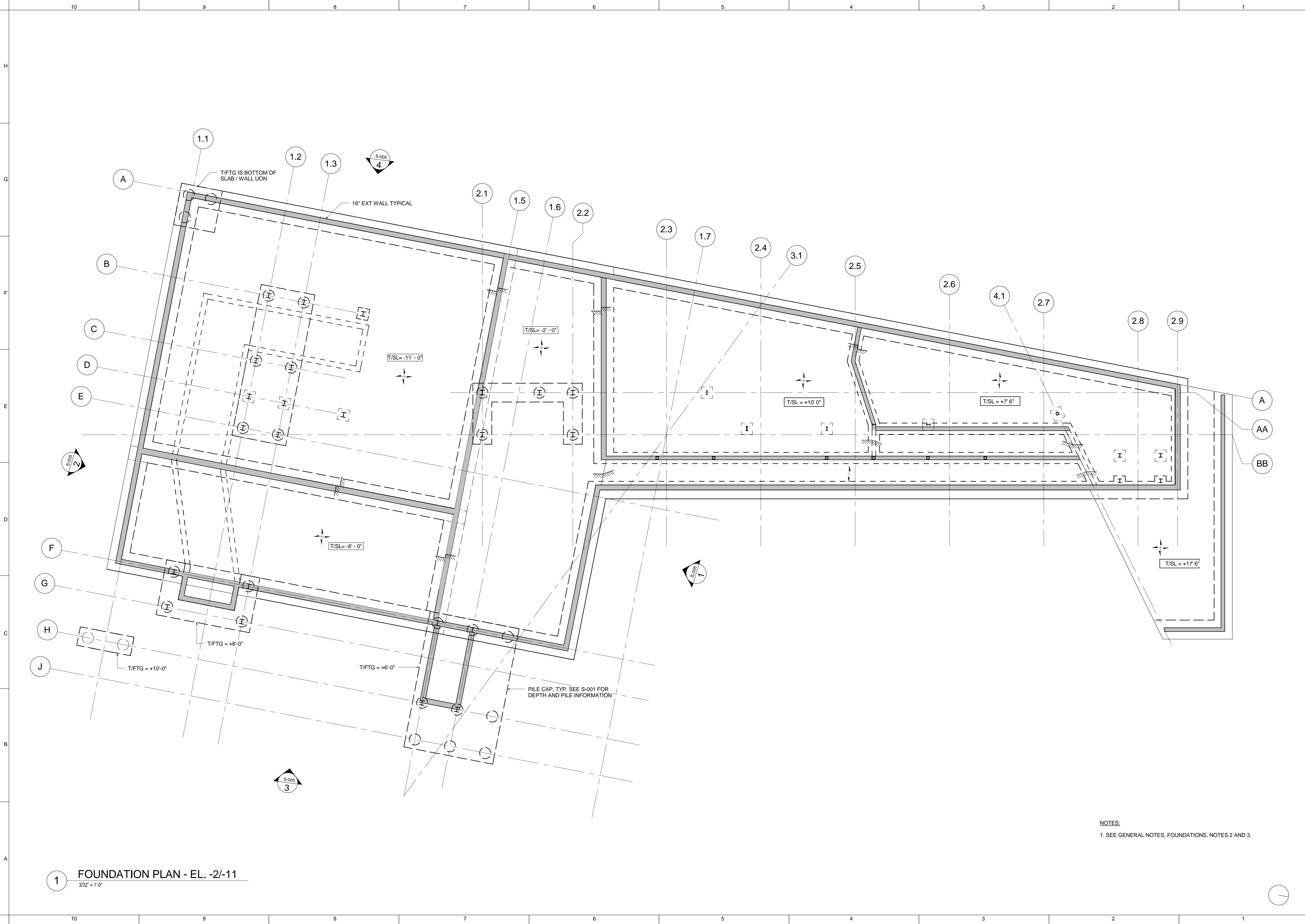
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619 N. CASCADE AVENUE, SUITE 200
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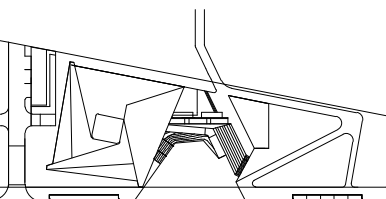
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619 N. CASCADE AVE., SUITE 200
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T: 719.471.0073

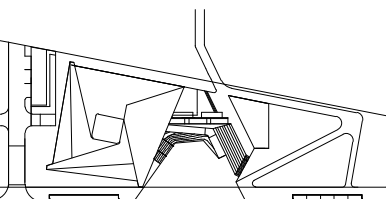
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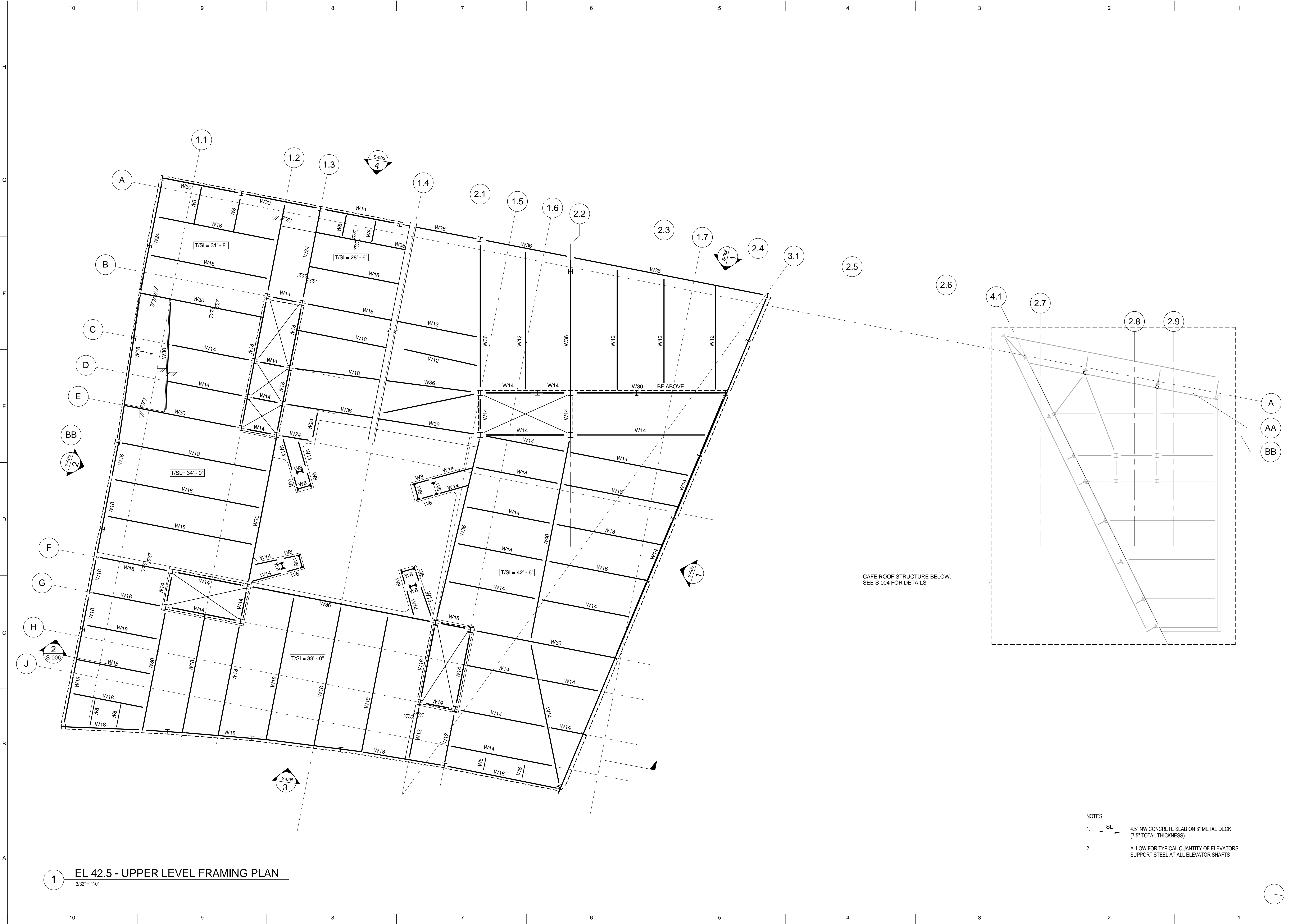
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TITLE
UPPER LEVEL FRAMING
PLAN
As indicated

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S-003

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NOTES

1. 4.5" NW CONCRETE SLAB ON 3" METAL DECK (7.5" TOTAL THICKNESS)
2. ALLOW FOR TYPICAL QUANTITY OF ELEVATORS SUPPORT STEEL AT ALL ELEVATOR SHAFTS

OWNER:
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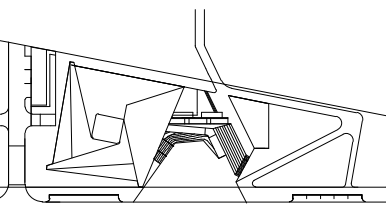
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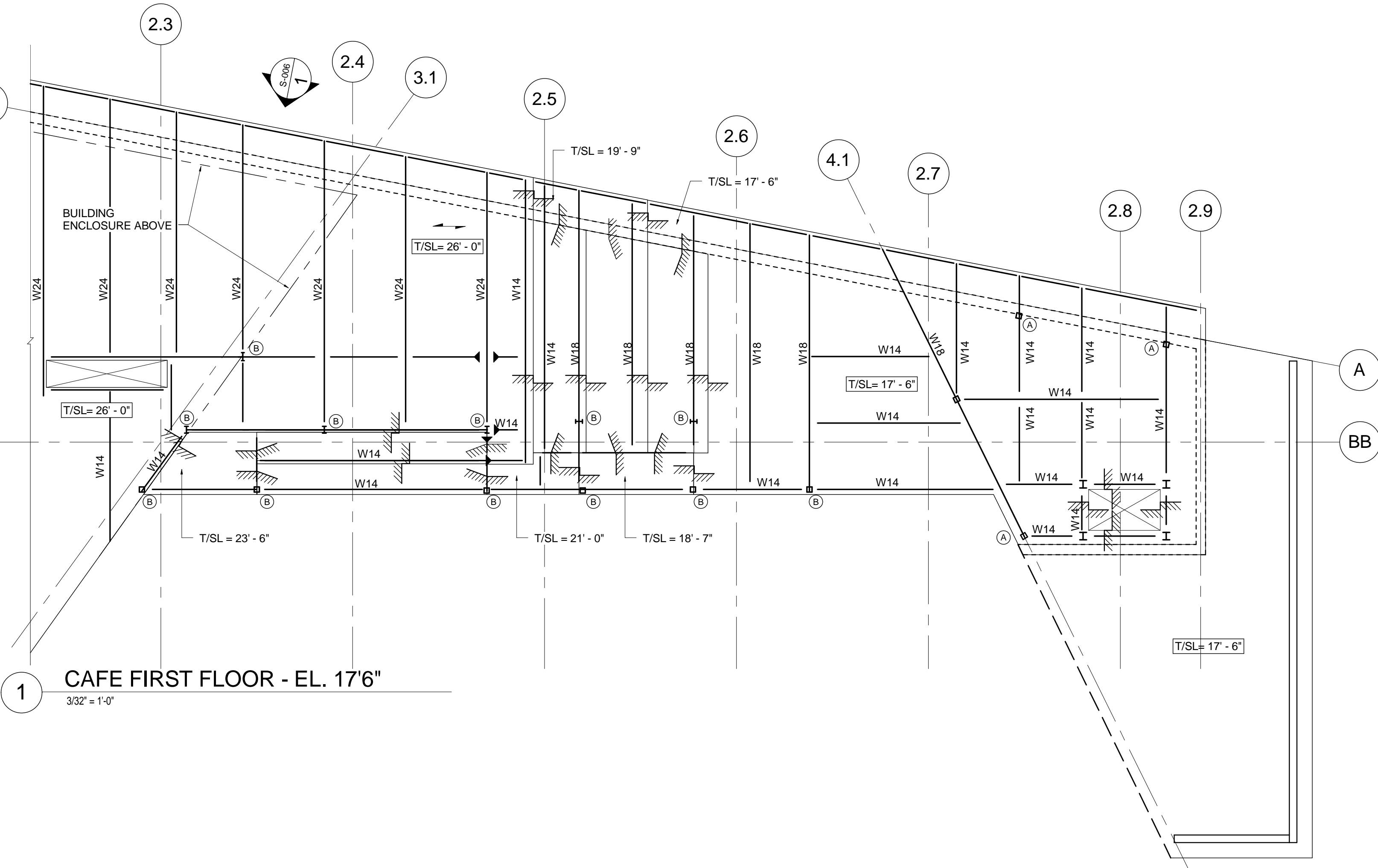
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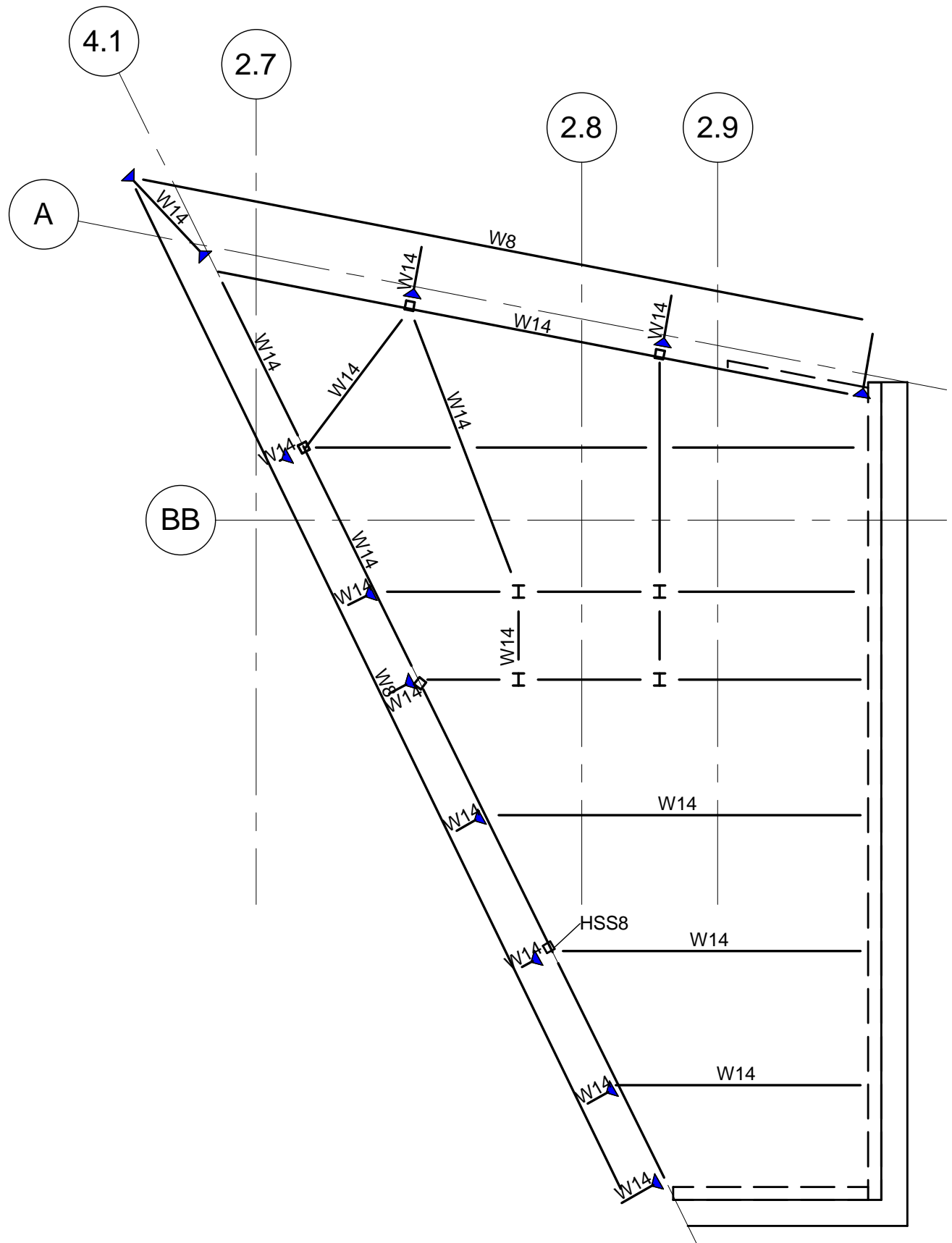
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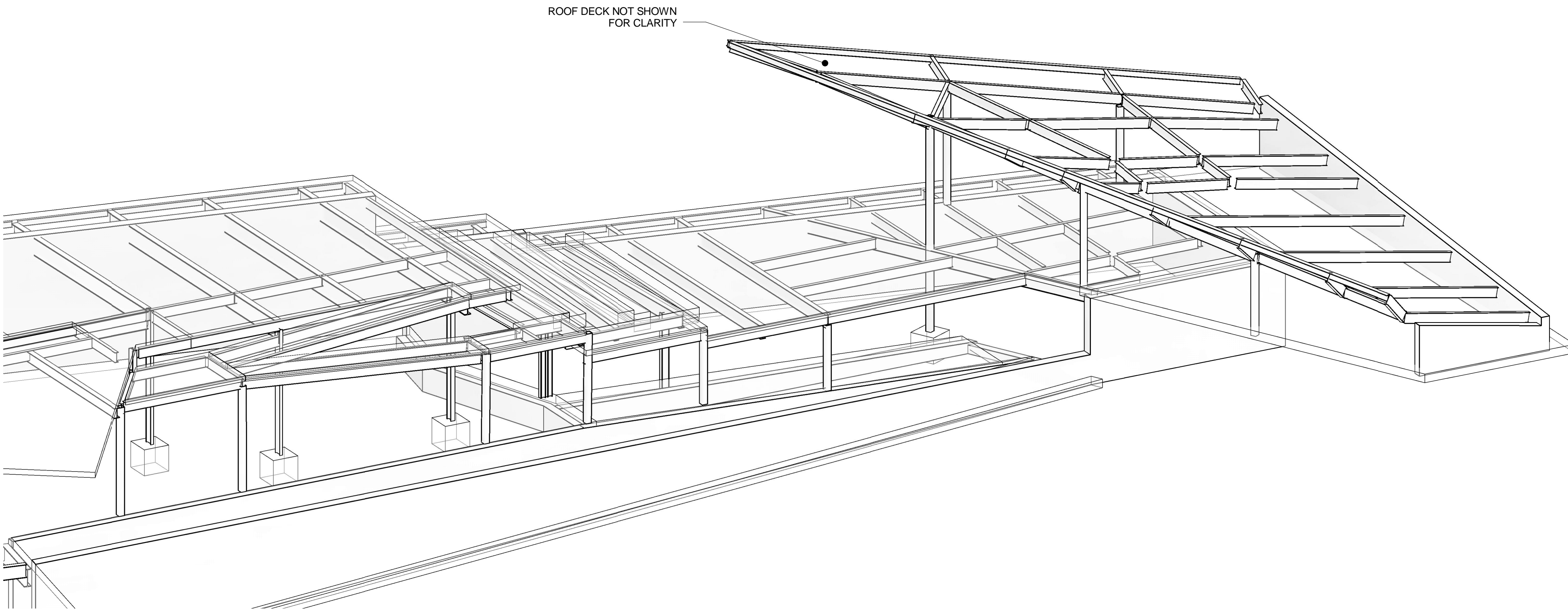
CAFE FIRST FLOOR - EL. 17'6"

3/32" = 1'-0"



CAFE ROOF FRAMING

3/32" = 1'-0"

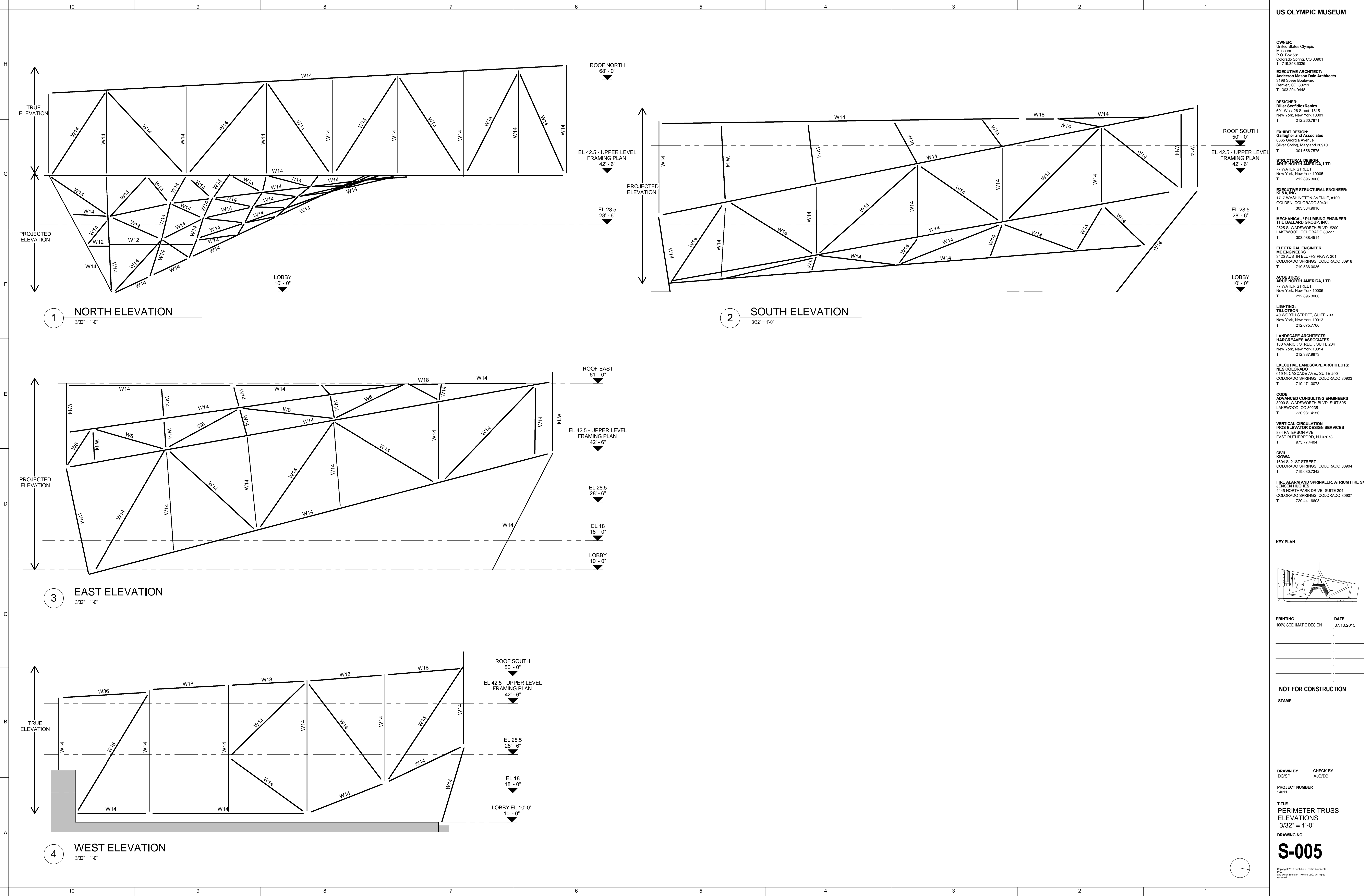


ISOMETRIC VIEW - LOOKING NORTHWEST

3

NOTES

1. SL 4.5" NW CONCRETE SLAB ON 3" METAL DECK (7.5" TOTAL THICKNESS)
2. ALLOW FOR TYPICAL QUANTITY OF ELEVATORS SUPPORT STEEL AT ALL ELEVATOR SHAFTS



US OLYMPIC MUSEUM

OWNER:
United States Olympic
Museum
P.O. Box 681
Colorado Springs, CO 80901
T: 719.358.6325

EXECUTIVE ARCHITECT:
Anderson Mason Dale Architects
2158 Speer Boulevard
Denver, CO 80211
T: 303.294.9448

DESIGNER:
Diller Scofidio+Renfro
601 West 28 Street-1815
New York, New York 10001
T: 212.260.7971

EXHIBIT DESIGN:
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Silver Spring, Maryland 20910
T: 301.656.7575

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LIGHTING:
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LANDSCAPE ARCHITECTS:
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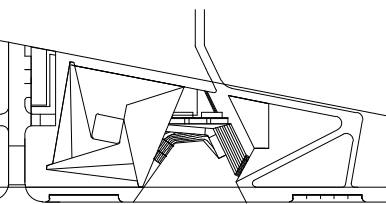
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COLORADO SPRINGS, COLORADO 80904
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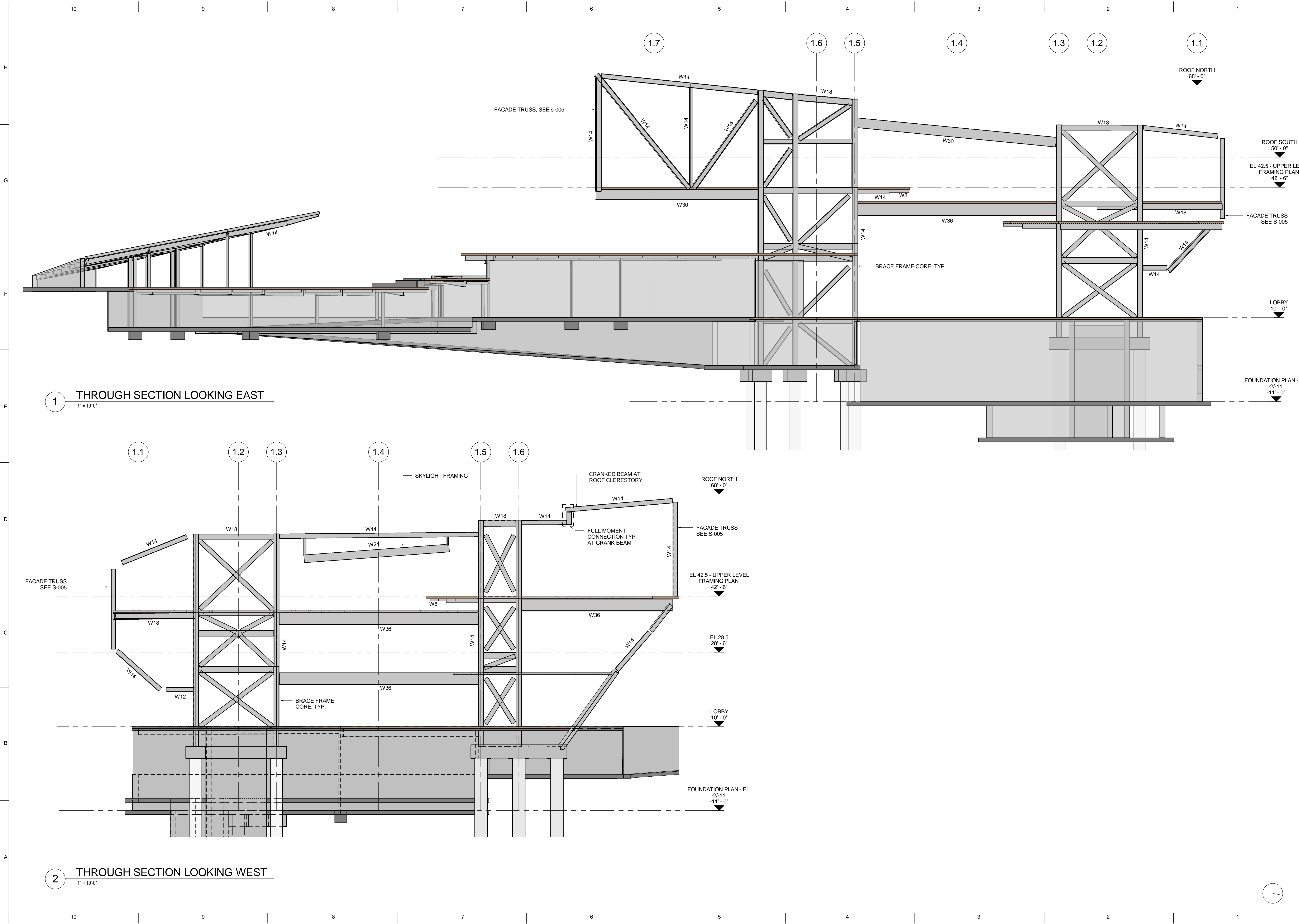
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TITLE
PERIMETER TRUSS
ELEVATIONS
3/32" = 1'-0"

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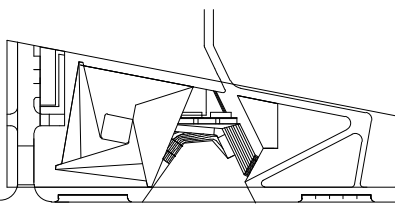
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PROJECT NUMBER
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TITLE
BUILDING SECTIONS

1" = 10'-0"

DRAWING NO.

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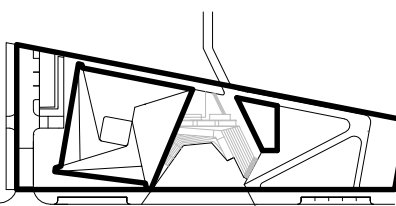
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TITLE

BASEMENT HVAC PLAN

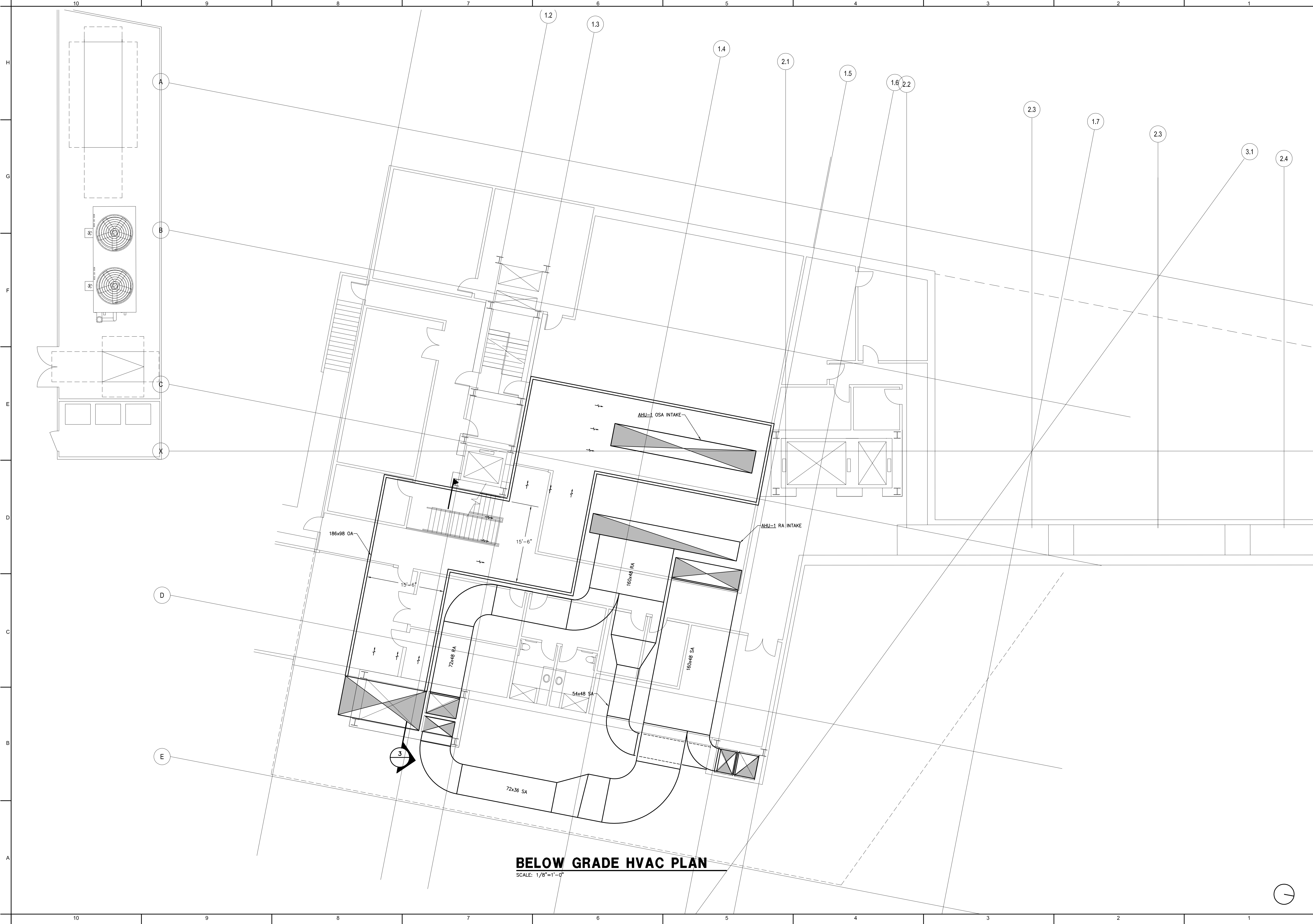
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BASEMENT HVAC PLAN

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



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CIVIL:

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TITLE

BELOW GRADE HVAC PLAN

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T: 303.294.9448

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T: 212.260.7971

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T: 303.988.4514

ELECTRICAL ENGINEER:
ME ENGINEERS
2425 AUSTIN BLUFFS PKWY, 201
COLORADO SPRINGS, COLORADO 80918
T: 719.536.0036

ACOUSTICS:
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New York, New York 10005
T: 212.896.3000

LIGHTING:
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40 WORTH STREET, SUITE 703
New York, New York 10013
T: 212.675.7760

LANDSCAPE ARCHITECTS:
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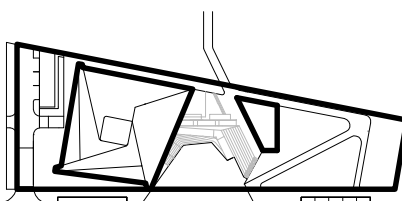
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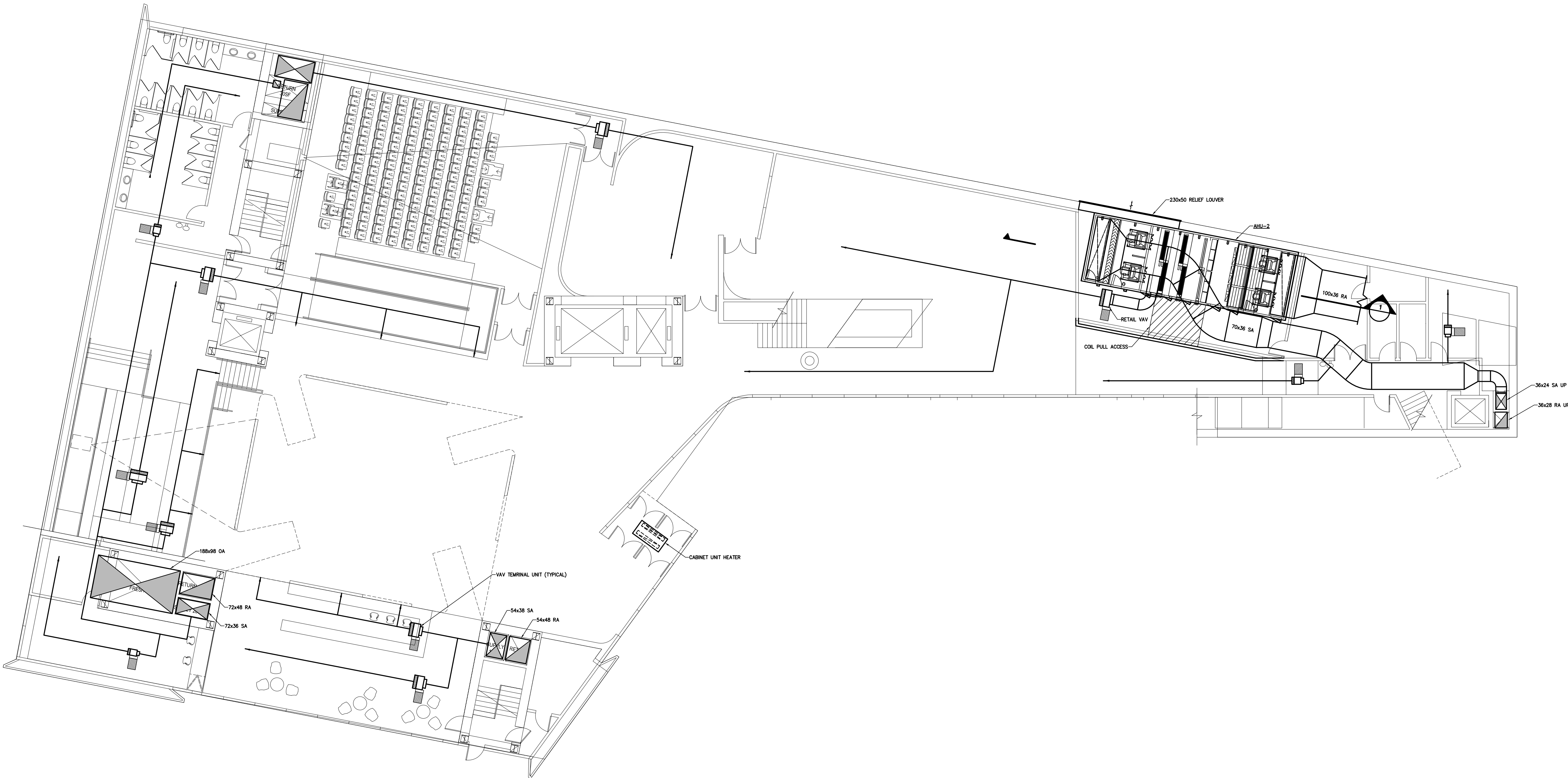
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FIRST FLOOR HVAC PLAN

DRAWING NO.

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FIRST FLOOR HVAC PLAN

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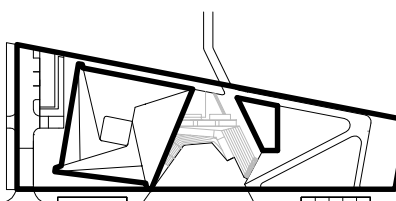
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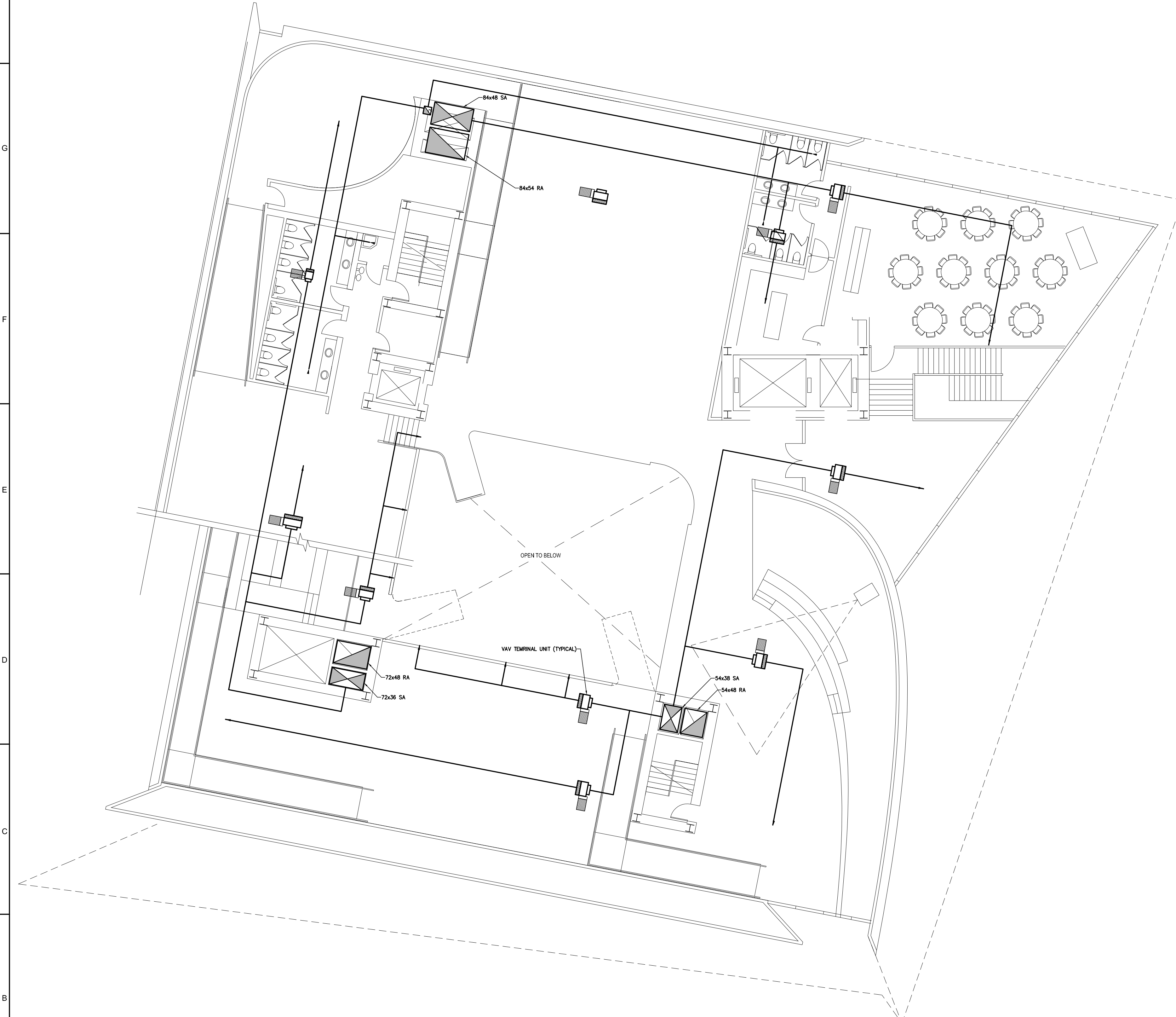
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SECOND FLOOR HVAC PLAN

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SECOND FLOOR HVAC PLAN

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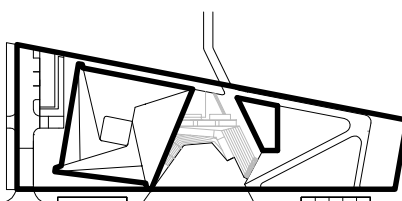
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THIRD FLOOR HVAC PLAN

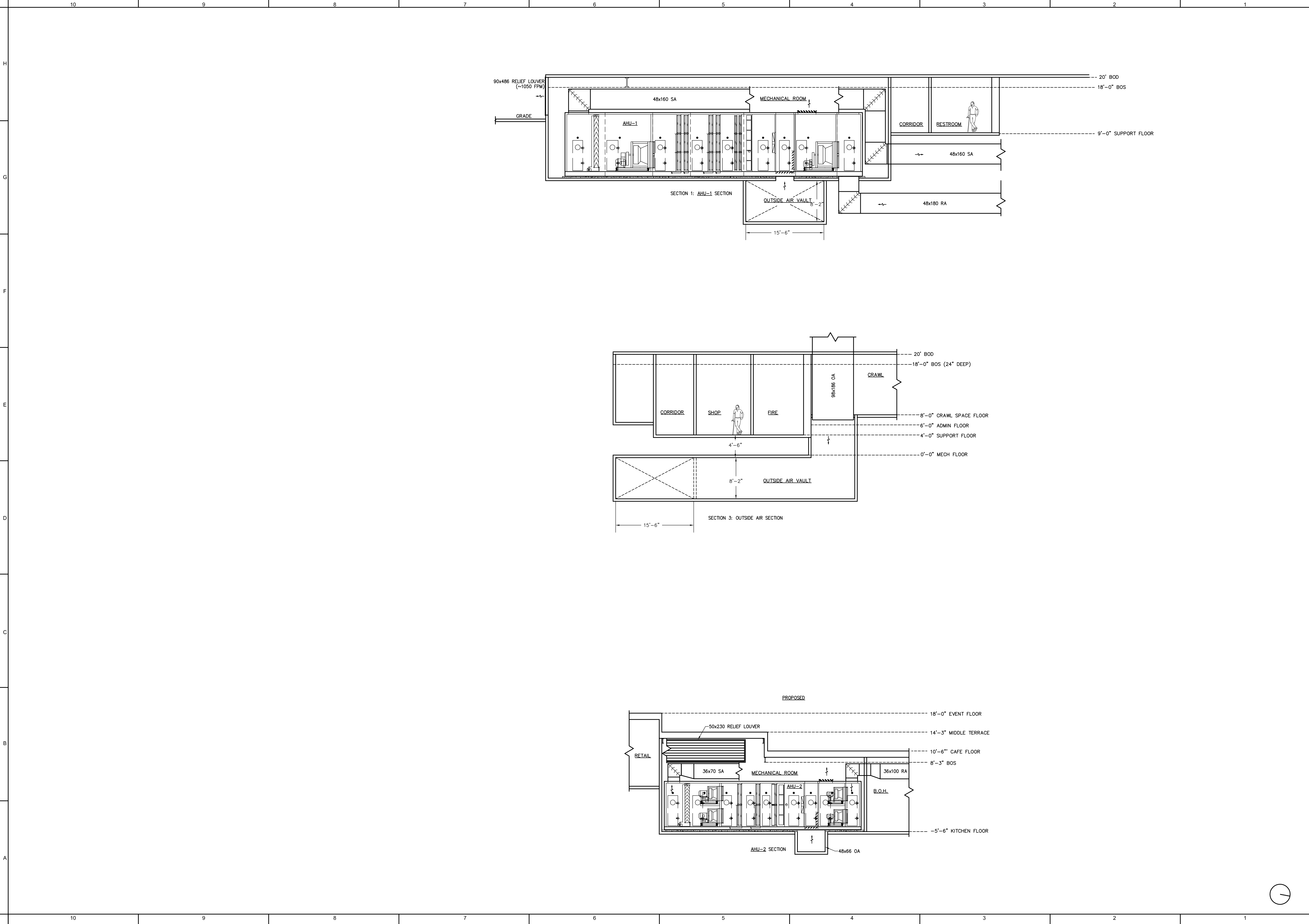
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THIRD FLOOR HVAC PLAN

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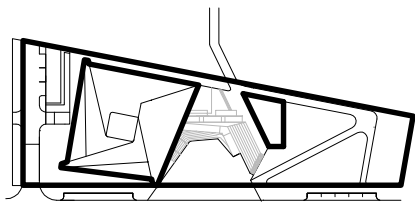
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	10	9	8	7	6	5	4	3	2	1	US OLYMPIC MUSEUM																															
	MAGNETIC BEARING WATER CHILLER SCHEDULE																																									
	PLAN CODE	MANUFACT. MODEL NO.	CAPACITY (TONS)	EFFIC. (KW/TON)	NPLV EFFIC. (KW/TON)	FULL LOAD SOUND (dBA)	CHILLED WATER (NOTE 1)				CONDENSER WATER (NOTE 2)				ELECTRICAL				REFRIGERANT		DIMENSIONS			OPER. WT (LBS)	VIBR. ISOL.	REMARKS																
	CH-1	DAIKIN WMC400DC	370.0	0.467	0.306	83.5	EWT (°F)	LWT (°F)	DESIGN GPM	MIN. GPM	WPD (FT)	FOULING FACTOR	NO. OF PASSES	% P.G.	EWT (°F)	LWT (°F)	GPM	WPD (FT)	FOULING FACTOR	NO. OF PASSES	STARTER	VOLTS/ø/HZ	KW	PRIMARY RLA	MCA	OPD	TYPE	CHARGE (LBS)	H	L	W	WT (LBS)	NOTE: 4	NOTE: 3,5								
									888.0	325.0	18.3	0.00010	2	30%	75.0	84.2	1110.0	17.2	0.00025	2	INTEGRAL VFD	460/3/60	172.6	236.0	266.0	350.0	R-134a	1,109	7'-10"	14'-1"	4'-7"	13,500										
	NOTES: 1. INDICATED PRESSURE DROP IS NON-MARINE. 2. INDICATED PRESSURE DROP IS NON-MARINE. 3. PROVIDE CHILLER WITH UNIT MOUNTED STARTER. 4. MOUNT UNIT ON SPRING ISOLATORS. 5. NPLV VALUE MUST NOT BE EXCEEDED. HIGHER VALUE WILL NOT BE ALLOWED.																																									
	COOLING TOWER SCHEDULE																																									
	PLAN	MANUFACTURER & MODEL NUMBER	TYPE	TOTAL HEAT REJECTION (MBH)		EVAP. RATE (GPM)		SUMMER AMBIENT		SUMMER CONDENSER WATER		FAN				DIMENSIONS (NOTE: 2)				VIBRATION ISOLATION	SOUND (DBA)	REMARKS																				
	CT-1	EVAPCO AT-112-312L	INDUCED DRAFT	5,500.0		8.8		95.0		63.0		85.0	75.0	1110.0	8.0'	80,000	15.0	-	-	-	460/3/60	14'-6"	12'-0"	11'-10"	14,240	NOTE:1	78	NOTE: 3,4,5														
	NOTES: 1. MOUNT TOWER ON STEEL FRAME WITH VIBRATION ISOLATION RAILS. 2. UNIT DIMENSIONS AND WEIGHTS INCLUDE ACCESSORIES. 3. COOLING TOWER FAN TO BE CONTROLLED BY MANUFACTURER SUPPLIED UNIT MOUNTED VARIABLE FREQUENCY DRIVE. 4. PROVIDE TOWER WITH ACCESS LADDER, HAND RAIL, STAINLESS STEEL HOT AND COLD WATER BASINS, ACCESS PLATFORM, AND MOTOR OUT OF AIR STREAM. 5. SOUND POWER AS MEASURED 5'-0" FROM AIR INLET.																																									
	AIR HANDLING UNIT SCHEDULE																																									
	PLAN CODE	MANUF. & MODEL NO.	AREA SERVED	FAN DATA (NOTE: 6)										COIL DATA										FILTER DATA					SIZE			WT. (LBS)	REMARKS									
				FAN SERVICE, NO. & WHEEL DIA.			FAN CLASS	FAN RPM @ ALT.	CFM TOTAL	CFM OSA (MIN)	T.S.P. @ S.L. (IN. WC)	E.S.P. @ S.L. (IN. WC)	ELECTRICAL			FAN VIBRATION ISOLATION	SERVICE	NO. OF ROWS/MAX FINS/INCH	CFM	FACE VEL. (FPM)	APD (IN W.C.)	EAT		LAT		MBH		EWT	LWT	GPM	% P.G.	WTR PD (FT.)	TYPE	TOTAL AREA (SQ FT.)	FACE VEL. (FPM)	INITIAL/FINAL P.D. (SQ FT.)	% EFF.	L	W	H		
	AHU-1	HAAKON	EXHIBITS	SUPPLY	4	44"	III	1217	160,000	40,000	7.10	3.00	75.0	480/3/60	1,150	2" SPRINGS	COOLING	6/10	160,000	508.0	0.61	82.0	60.6	49.0	48.5	4881.2	4701.6	44.0	54.0	1024.0	30.0	8.8	4" TA	144.0	1111.1	0.15/0.50	30%	59'-0"	31'-9"	12'-8"	103,770	NOTES: 1,2,
				RETURN	4	40"	II	1150	160,000	-	1.75	1.00	25.0	480/3/60	1,150	2" SPRINGS	HEATING	2/8	160,000	508.0	0.12	45.0	-	75.0	-	4274.2	4274.2	150.0	110.0	224.0	30.0	6.9	12" CART	144.0	1111.1	0.50/1.00	MERV 13					3,4,5,6,7,8
	AHU-2	HAAKON	RAIL/CAFÉ	SUPPLY	4	24"	III	2109	40,000	15,000	7.10	3.00	20.0	480/3/60	1,750	2" SPRINGS	COOLING	8/10	40,000	448.0	0.61	82.0	60.6	49.0	48.5	1220.3	1175.4	44.0	54.0	256.0	30.0	8.8	4" TA	144.0	277.8	0.15/0.50	30%	37'-6"	13'-0"	9'-6"	28,100	NOTES: 1,2,
				RETURN	4	22"	II	1750	40,000	-	1.75	1.00	40.0	480/3/60	1,750	2" SPRINGS	HEATING	2/8	40,000	448.0	0.12	45.0	-	75.0	-	1068.5	1068.5	150.0	110.0	56.0	30.0	6.9	12" CART	144.0	277.8	0.50/1.00	MERV 13					3,4,5,6,8
	NOTES: 1. VARIABLE VOLUME AIR HANDLING UNIT. 2. UNIT SHALL BE MOUNTED ON 4" CONCRETE HOUSEKEEPING PAD. 3. REFER TO PLAN FOR AIR HANDLING UNIT CONFIGURATION. 4. HOT WATER SYSTEM UTILIZES 30% GLYCOL. 5. REFER TO SPECIFICATIONS SECTION 15900 FOR AIR HANDLING UNIT SEQUENCE OF OPERATIONS. 6. PROVIDE UNIT WITH UNIT MOUNTED SUPPLY AND RETURN FAN VARIABLE FREQUENCY DRIVES. 7. ALL AIR HANDLING UNIT COMPONENTS SHALL BE CONNECTED TO EMERGENCY POWER. 8. PROVIDE UNIT WITH DIRECT DRIVE FANS.																																									
	COMPUTER ROOM AIR CONDITIONING SCHEDULE (WATER COOLED)																																									
	INDOOR EVAPORATOR UNIT			EVAPORATOR COIL								COMPRESSOR (WATER COOLED)							SUPPLY FAN			HUMIDIFIER	HOT WATER REHEAT				ELECTRICAL DATA							DIMENSIONS								
	PLAN CODE	LOCATION	MANUFACT.	MODEL NO.	CFM	TOT. (MBH)	SENS. (MBH)	EAT		LAT		FACE AREA	ROWS	FACE VEL	NO.	TOT. (MBH)	EWT (°F)	LWT (°F)	FLOW (GPM)	P.D. (FT)	CFM	ESP	RPM	H.P.	LBS/HR	KW	MBH	EAT (°F)	LAT (°F)	FILTER EFF.	VOLT	ø	HZ	FLA	WSA	OPD	L	W	H	WT.	OPER. REMARKS	
	CRAC-1	GALLERY ELEVATOR MACHINE	LIEBERT	-	5,000	91.1	79.3	72.0	60.7	55.0	54.0	-	4.0	-	1	91.1	95.0	85.0	19.6	-	5,000	0.5	-	-	-	-	93,450	58.0	79.0	30%	480	3	60	-	-	-	-	-	-	NOTES 1,2,3		
	CRAC-2	EVENT ELEVATOR MACHINE	LIEBERT	-	2,500	45.6	39.7	72.0	60.7	55.0	54.0	-	4.0	-	1	45.6	95.0	85.0	9.8	-	2,500	0.5	-	-	-	-	46,725	58.0	79.0	30%	480	3	60	-	-	-	-	-	-	NOTES 1,2,3		
	CRAC-3	SERVICE ELEVATOR MACHINE	LIEBERT	-	2,500	45.6	39.7	72.0	60.7	55.0	54.0	-	4.0	-	1	45.6	95.0	85.0	9.8	-	2,500	0.5	-	-	-	-	46,725	58.0	79.0	30%	480	3	60	-	-	-	-	-	-	NOTES 1,2,3		
	CRAC-4	KITCHEN ELEVATOR MACHINE	LIEBERT	-	2,500	45.6	39.7	72.0	60.7	55.0	54.0	-	4.0	-	1	45.6	95.0	85.0	9.8	-	2,500	0.5	-	-	-	-	46,725	58.0	79.0	30%	480	3	60	-	-	-	-	-	-	NOTES 1,2,3		
	CRAC-5	BASEMENT IT	LIEBERT	-	5,000	91.1	79.3	72.0	60.7	55.0	54.0	-	4.0	-	1	91.1	95.0	85.0	19.6	-	5,000	0.5	-	-	-	-	93,450	58.0	79.0	30%	480	3	60	-	-	-	-	-	-	NOTES 1,2,3		
	CRAC-6	THEATER CONROL	LIEBERT	-	3,000	54.7	47.6	72.0	60.7	55.0	54.0	-	4.0	-	1	54.7	95.0	85.0	11.8	-	3,000	0.5	-	-	-	-	56,070	58.0	79.0	30%	480	3	60	-	-	-	-	-	-	NOTES 1,2,3		
	CRAC-7	LEVEL 2 IT	LIEBERT	-	5,000	91.1	79.3	72.0	60.7	55.0	54.0	-	4.0	-	1	91.1	95.0	85.0	19.6	-	5,000	0.5	-	-	-	-	93,450	58.0	79.0	30%	480	3	60	-	-	-	-	-	-	NOTES 1,2,3		
	CRAC-8	LEVEL 3 IT	LIEBERT	-	5,000	91.1	79.3	72.0	60.7	55.0	54.0	-	4.0	-	1	91.1	95.0	85.0	19.6	-	5,000	0.5	-	-	-	-	93,450	58.0	79.0	30%	480	3	60	-	-	-	-	-	-	NOTES 1,2,3		
	NOTES: 1. COMPRESSOR SHALL BE COOLED BY STRAIGHT WATER. 2. UNIT TO INCLUDE ADVANCED MICROPROSSOR CONTROLLER, HOT WATER REHEAT, SMOKE DETECTOR, LIQUITECT SCROOL COMPRESSOR, NON-LOCKING ELECTRICAL DISCONNECTS AND 30% FILTERS. 3. UNIT CAPACITY BASED ON 72°F, 50% RH DESIGN ROOM TEMPERATURE, 5200' ALTITUDE.																																									
	PUMP SCHEDULE																																									
	PLAN CODE	MANUFACTURER & MODEL NO.	TYPE	SERVICE	IMP. DIA. (IN)	GPM	TDH (FT)	% EFF.	ELECTRICAL				SIZE (IN)			WT. (LBS)	REMARKS																									
	P-1	B & G e-1510 3EB	END SUCTION	PRIMARY HEATING WATER	-	500	90.0	79.7	20.0 (14.5)	-	460/3/60	1,750	-	-	-	500	NOTE: 1,4,5																									
	P-2	B & G e-1510 3EB	END SUCTION	PRIMARY HEATING WATER	-	500	90.0	79.7	20.0 (14.5)	-	460/3/60	1,750	-	-	-	500	NOTE: 1,4,5																									
	P-3	B & G e-1510 5EB	END SUCTION	PRIMARY CHILLED WATER	-	890	90.0	84.6	30.0 (24.33)	-	460/3/60	1,750	-	-	-	725	NOTE: 2,4																									
	P-4	B & G e-1510 5EB	END SUCTION	PRIMARY CHILLED WATER	-	890	90.0	84.6	30.0 (24.33)	-	460/3/60	1,750	-	-	-	725	NOTE: 2,4																									
	P-5	B & G e-1510 5EB	END SUCTION	CONDENSER WATER	-	1,110	75.0	82.2	30.0 (26.03)	-	460/3/60	1,750	-	-	-	725																										
	P-6	B & G e-1510 5EB	END SUCTION	CONDENSER WATER	-	1,110	75.0	82.2	30.0 (26.03)	-	460/3/60	1,750	-	-	-	725																										
	P-7	B & G e-1510 4EB	END SUCTION	AHU-1 HEATING CIRC.	-	500.0	40.0	81.0	7.50 (6.24)	-	460/3/60	1,750	-	-	-	465	NOTE: 1,5																									
	P-8	B & G 80 2x2x7	INLINE	AHU-2 HEATING CIRC.	-	75.0	40.0	-	2.0(1.33)	-	460/3/60	1,750	-	-	-	175	NOTE: 1																									
	P-9	B & G 80 2x2x9	INLINE	SNOWMELT	-	55.0	60.0	-	3.0(1.64)	-	460/3/60	1,750	-	-	-	185	NOTE: 3,4																									
	P-10	B & G 80 2x2x9	INLINE	SNOWMELT	-	55.0	60.0	-	3.0(1.64)	-	460/3/60	1,750	-	-	-	185	NOTE: 3,4																									
	P-11	B & G e-1510 2BB	END SUCTION	CONDENSER LOOP	-	180.0	50.0	-	5.0(3.14)	-	460/3/60	1,750	-	-	-	250	NOTE: 4																									
	NOTES: 1. HEATING WATER SYSTEM UTILIZES 30% GLYCOL. 2. CHILLED WATER SYSTEM UTILIZES 30% GLYCOL. 3. SNOWMELT WATER SYSTEM UTILIZES 50% GLYCOL. 4. PROVIDE PUMP WITH VFD 5. CONNECT TO EMERGENCY POWER.																																									

	CONDENSING BOILER SCHEDULE																			
	PLAN CODE	MANUFACTURER & MODEL NO.	SERVICE	MBH HEATNG INPUT OUTPUT (5,200°)		WATER VOLUME (GALL)	ASME (PSIG)	MAX OPER PSIG	VOLT/ø/HZ	MCA	EWT (°F)	LWT (°F)	WATER FLOW (GPM)	% P.G.	WPD (FT)	SIZE (IN)			OPER WT. (LBS)	REMARKS
	B-1	AERCO BMK-3.0LN GWB	HEATING WATER	3,000	2,280	55.0	160.0	75.0	460/3/60	15.0	110.0	150.0	170.0	30	1.0	69"	28"	78"	2,600	NOTES: 1,2,3
	B-2	AERCO BMK-3.0LN GWB	HEATING WATER	3,000	2,280	55.0	160.0	75.0	460/3/60	15.0	110.0	150.0	170.0	30	1.0	69"	28"	78"	2,600	NOTES: 1,2,3
	B-3	AERCO BMK-3.0LN GWB	HEATING WATER	3,000	2,280	55.0	160.0	75.0	460/3/60	15.0	110.0	150.0	170.0	30	1.0	69"	28"	78"	2,600	NOTES: 1,2,3
	NOTES: 1. PROVIDE 14" GAS REGULATOR. 2. PROVIDE NEUTRALIZATION TANK WITH LIMESTONE AND GAS PRV, PER MANUFACTURER'S RECOMMENDATIONS. 3. CONNECT TO EMERGENCY POWER.																			
	FAN SCHEDULE																			
	PLAN CODE	MANUFACTURER & MODEL NO.	TYPE	SERVICE	CFM @ S.L.	T.S.P. @ S.L.	RPM @ S.L.	MOTOR		WT (LBS)	VIB. ISOL.	REMARKS								
	EF-1	GREENHECK 40-AFDW-21	DOUBLE WIDTH	SMOKE EXHAUST	42,000	0.75	689	15.0	480/3/60	1,725	1,500	NOTE: 1	NOTE: 1,2,3,4							
	EF-2	GREENHECK 40-AFDW-21	DOUBLE WIDTH	SMOKE EXHAUST	42,000	0.75	689	15.0	480/3/60	1,725	1,500	NOTE: 1	NOTE: 1,2,3,4							
	EF-3	GREENHECK 40-AFDW-21	DOUBLE WIDTH	SMOKE EXHAUST	42,000	0.75	689	15.0	480/3/60	1,725	1,500	NOTE: 1	NOTE: 1,2,3,4							
	KEF-1	GREENHECK CUE-180-VG	UPBLAST	KITCHEN EXHAUST	3,100	1.50	1202.00	3.0	480/3/60	1,725	165	NOTE: 1	NOTE: 5							
	NOTES: 1. REFER TO SPECIFICATIONS FOR VIBRATION AND SOUND ISOLATION REQUIREMENTS. 2.																			

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COOLING TOWER SCHEDULE																							
PLAN	MANUFACTURER & MODEL NUMBER	TYPE	TOTAL HEAT REJECTION (MBH)	EVAP. RATE (GPM)	SUMMER AMBIENT		SUMMER CONDENSER WATER				FAN					DIMENSIONS (NOTE: 2)				VIBRATION ISOLATION	SOUND (DBA)	REMARKS	
					DB	WB	EWI	LWT	GPM	WPD	CFM	HP	RPM	DIA	NO. OF BLADES	V/ø/HZ	HEIGHT	LENGTH	WIDTH				WEIGHT
CT-1	EVAPCO AT-112-312L	INDUCED DRAFT	5,500.0	8.8	95.0	63.0	85.0	75.0	1110.0	8.0'	80,000	15.0	-	-	-	460/3/60	14'-6"	12'-0"	11'-10"	14,240	NOTE:1	78	NOTE: 3,4,5
<div>NOTES:</div> <div><div>1. MOUNT TOWER ON STEEL FRAME WITH VIBRATION ISOLATION RAILS.</div><div>2. UNIT DIMENSIONS AND WEIGHTS INCLUDE ACCESSORIES.</div><div>3. COOLING TOWER FAN TO BE CONTROLLED BY MANUFACTURER SUPPLIED UNIT MOUNTED VARIABLE FREQUENCY DRIVE.</div><div>4. PROVIDE TOWER WITH ACCESS LADDER, HAND RAIL, STAINLESS STEEL HOT AND COLD WATER BASINS, ACCESS PLATFORM, AND MOTOR OUT OF AIR STREAM.</div><div>5. SOUND POWER AS MEASURED 5'-0" FROM AIR INLET.</div></div>																							

CONDENSING BOILER SCHEDULE																			
PLAN CODE	MANUFACTURER & MODEL NO.	SERVICE	MBH HEATING		WATER VOLUME (GALL)	ASME (PSIG) RATING	MAX OPER PSIG	VOLT/Ø/HZ	MCA	EWT (°F)	LWT (°F)	WATER FLOW (GPM)	%	WPD (FT)	SIZE (IN)			OPER WT. (LBS)	REMARKS
			INPUT S.L.	OUTPUT (5,200")											L	W	H		
B-1	AERCO BMK-3.0LN GWB	HEATING WATER	3,000	2,280	55.0	160.0	75.0	460/3/60	15.0	110.0	150.0	170.0	30	1.0	69"	28"	78"	2,600	NOTES: 1,2,3
B-2	AERCO BMK-3.0LN GWB	HEATING WATER	3,000	2,280	55.0	160.0	75.0	460/3/60	15.0	110.0	150.0	170.0	30	1.0	69"	28"	78"	2,600	NOTES: 1,2,3
B-3	AERCO BMK-3.0LN GWB	HEATING WATER	3,000	2,280	55.0	160.0	75.0	460/3/60	15.0	110.0	150.0	170.0	30	1.0	69"	28"	78"	2,600	NOTES: 1,2,3
NOTES:																			
1. PROVIDE 14" GAS REGULATOR.																			
2. PROVIDE NEUTRALIZATION TANK WITH LIMESTONE AND GAS PRV, PER MANUFACTURER'S RECOMMENDATIONS.																			
3. CONNECT TO EMERGENCY POWER.																			

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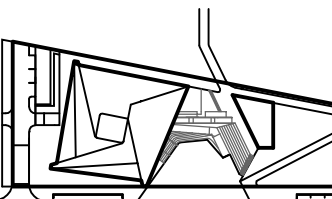
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KEY PLAN



PRINTING DATE
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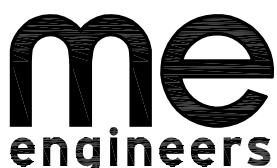
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PROJECT NUMBER
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TITLE
ELECTRICAL LEGEND
NO SCALE

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GENERAL ELECTRICAL REQUIREMENTS

- ALL EXPOSED RACEWAYS ARE TO BE INSTALLED PARALLEL OR PERPENDICULAR TO WALLS OR STRUCTURAL MEMBERS SUCH THAT THEY FOLLOW STRUCTURAL SURFACE CONTOURS AND SHALL BE INSTALLED SUCH THAT THEY DO NOT OBSTRUCT PASSAGEWAYS OR ACCESS TO EQUIPMENT. MULTIPLE RACEWAYS SHOULD BE INSTALLED GROUPED TOGETHER. THE LOCATION OF PUBLICLY VISIBLE RACEWAYS SHALL BE APPROVED BY THE ARCHITECT PRIOR TO INSTALLATION. (EXTRA TIME SHOULD BE ALLOWED FOR THIS REVIEW AND APPROVAL.)
- THE DISCONNECTING MEANS FOR ALL MECHANICAL EQUIPMENT SHALL BE ACCESSIBLE AND HAVE THE CLEARANCE IN FRONT AS REQUIRED BY NEC AMENDMENTS.
- ALL CEILING ATTACHED OBJECTS AND FLOOR ATTACHED EQUIPMENT INCLUDING BUT NOT LIMITED TO PENDANT LIGHTING FIXTURES, CHANDELIERS, GENERAL LIGHTING, MULTIPLE RACEWAYS, GENERATORS, TRANSFORMERS, ELECTRICAL SWITCHGEAR, AND SWITCHBOARDS SHALL BE INSTALLED IN ACCORDANCE WITH SUPPORTING OBJECTS FOR SEISMIC ZONE AS REQUIRED BY STATE AND LOCAL CODES AND PER STRUCTURAL ENGINEERS RECOMMENDATIONS.
- ALL SWITCHGEAR, SWITCHBOARDS AND TRANSFORMERS SHALL HAVE A 4 INCH HOUSE KEEPING PAD. UNDER NO CONDITION SHALL THE HIGHEST SWITCH OR BREAKER EXCEED 6'-6" AFF.
- DATA GIVEN ON THE DRAWINGS IS AS EXACT AS COULD BE SECURED. ABSOLUTE ACCURACY IS NOT GUARANTEED AND THE CONTRACTOR SHALL OBTAIN AND VERIFY EXACT LOCATIONS, MEASUREMENTS, LEVELS, SPACE REQUIREMENTS, POTENTIAL CONFLICTS WITH OTHER TRADES, ETC. AT THE SITE AND SHALL SATISFACTORILY ADAPT HIS WORK TO ACTUAL CONDITIONS AT THE BUILDINGS. THE DRAWINGS ARE DIAGRAMMATICAL IN NATURE AND SHALL NOT BE SCALED. HOWEVER THIS DOES NOT RELIEVE ANY SUB-CONTRACTOR FROM COORDINATING HIS WORK WITH ALL OTHER TRADES AND FROM ADJUSTING HIS WORK AS REQUIRED BY THE ACTUAL CONDITIONS OF THE PROJECT. THE CONTRACTOR SHALL VISIT THE SITE BEFORE SUBMITTING COSTS TO BECOME THOROUGHLY FAMILIAR WITH THE ACTUAL CONDITIONS OF THE PROJECT.
- COORDINATE AND ADJUST ALL WORK BETWEEN TRADES AND EXISTING CONDITIONS IN ORDER TO ACCOMPLISH A NEAT, INTEGRATED AND EFFICIENT INSTALLATION WHICH INCLUDE BUT ARE NOT LIMITED TO:
 - EXAMINE THE CONTRACT DOCUMENTS OF ALL TRADES (IE. THE ARCHITECTURAL REFLECTED CEILING PLAN, MECHANICAL HVAC DRAWINGS, ELECTRICAL LIGHTING PLAN, FIRE PROTECTION PLAN, ETC.).
 - COORDINATE NECESSARY EQUIPMENT, FIXTURES, ETC. SO THAT THE FINAL INSTALLATION IS COMPATIBLE WITH THE MATERIALS AND EQUIPMENT OF THE OTHER TRADES.
 - THIS CONTRACTOR SHALL ASSIST THE MECHANICAL CONTRACTOR IN PREPARING SHOP DRAWINGS FOR COORDINATING INSTALLATION OF ALL WORK (IE. LOCATING ALL LIGHTING FIXTURES IN CEILING WITH CEILING CLEARANCES, RACEWAYS, CABLE TRAY, PIPING, EQUIPMENT FOR CLEARANCE THROUGHOUT).
 - THE ELECTRICAL DRAWINGS INDICATE THE ELECTRICAL REQUIREMENTS FOR A SIGNIFICANT PORTION OF THE MECHANICAL AND PLUMBING SYSTEMS. ADDITIONAL MECHANICAL AND PLUMBING EQUIPMENT IS INDICATED ON THE MECHANICAL AND PLUMBING DRAWINGS. REFER TO MECHANICAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION. PROVIDE COMPLETE WIRING AND FUSIBLE DISCONNECTING MEANS FOR ALL MECHANICAL AND PLUMBING EQUIPMENT UNLESS OTHERWISE NOTED.
- DEFINITIONS:
 - "FURNISH" MEANS TO "SUPPLY" AND USUALLY REFERS TO AN ITEM OF EQUIPMENT.
 - "INSTALL" MEANS TO "SET IN PLACE, CONNECT AND PLACE IN FULL OPERATIONAL ORDER".
 - "PROVIDE" MEANS TO "FURNISH AND INSTALL".
 - "EQUIVALENT" MEANS "MEETS THE SPECIFICATIONS OF THE REFERENCE PRODUCT OR ITEM IN ALL SIGNIFICANT ASPECTS." SIGNIFICANT ASPECTS SHALL BE DETERMINED BY THE ENGINEER.
 - "WORK BY OTHER(S) (CONTRACTOR): "RE: _____ DIVISION", AND SIMILAR EXPRESSIONS MEANS WORK TO BE PERFORMED UNDER THE CONTRACT DOCUMENTS, BUT NOT NECESSARILY UNDER THE DIVISION OR SECTION OF THE WORK ON WHICH THE NOTE APPEARS. IT IS THE CONTRACTORS SOLE RESPONSIBILITY TO COORDINATE THE WORK OF THE CONTRACT BETWEEN HIS/HER SUPPLIERS, SUBCONTRACTORS, AND EMPLOYEES. IF CLARIFICATION IS REQUIRED, CONSULT ARCHITECT BEFORE START OF WORK.
- "FIRESTOPPING" REQUIREMENT. ALL PENETRATIONS THROUGH RATED WALLS AND FLOORS SHALL BE SEALED WITH MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASSES WHEN SUBJECTED TO THE REQUIREMENTS OF THE TEST STANDARD SPECIFIC FOR FIRE STOPS ASTM-E-814. ALL PENETRATIONS SHALL MEET F AND T RATINGS AS REQUIRED BY THE BUILDING CODE.
- ALL ELECTRICAL CONDUIT CROSSING BUILDING SEISMIC SEPARATION OR EXPANSION JOINTS SHALL BE PROVIDE WITH APPROVED FLEXIBLE CONNECTORS. REFER TO THE ARCHITECTURAL PLANS FOR ALL EXPANSION JOINT LOCATIONS.
- WHERE DISCONNECTS ARE INDICATED ON DRAWINGS CONTRACTOR SHALL PROVIDE FINAL CONNECTION TO EQUIPMENT BEING SERVED BY DISCONNECT.

POWER DEVICES

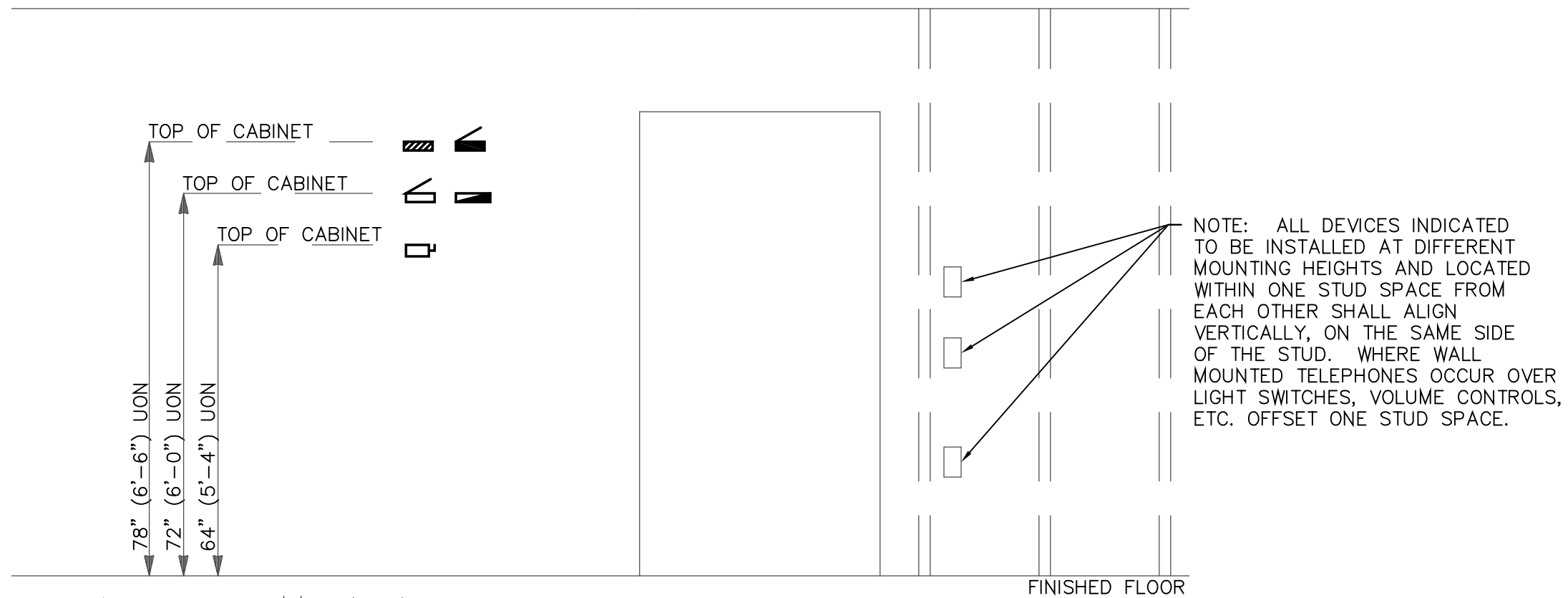
SYMBOL	DESCRIPTION
	GROUNDING BUS BAR
	NON-FUSED DISCONNECT SWITCH
	FUSED DISCONNECT SWITCH
	ENCLOSED CIRCUIT BREAKER
	PANEL BOARD
	LIGHTING CONTROL PANEL / CONTROL PANEL
	TRANSFORMER
	PAD MOUNTED TRANSFORMER

ANNOTATION LEGEND

SYMBOL	DESCRIPTION
	KEYED NOTE TAG
	EQUIPMENT NAME TAG
AA-1,3,5	IDENTIFIES SINGLE OR MULTIWIRE BRANCH CIRCUITS (THREE CIRCUITS SHOWN) IN HOMERUN TO PANEL AA.

ONE-LINE SYMBOLS

SYMBOL	DESCRIPTION
	BRANCH CIRCUIT PANELBOARD
	BRANCH CIRCUIT PANELBOARD W/ MAIN CIRCUIT BREAKER
	PROVISION FOR METER
	GROUND
	MOTOR
	FEEDER IDENTIFIER SYMBOL
	NON-FUSED DISCONNECT SWITCH
	FUSED DISCONNECT SWITCH W/ AMP FUSE AND AMP FRAME
	CIRCUIT BREAKER DISCONNECT
	COMBINATION MAGNETIC STARTER AND CIRCUIT BREAKER DISCONNECT
	MAGNETIC MOTOR STARTER
	CONTACTOR
	MOLDED CASE CIRCUIT BREAKER
	MOLDED CASE CIRCUIT BREAKER WITH GROUND FAULT
	SHUNT TRIP CIRCUIT BREAKER
	NON-FUSED SWITCH
	FUSED SWITCH
	FUSED SWITCH W/ GROUND FAULT AND SHUNT TRIP
	ENGINE GENERATOR SET W/ NEUTRAL GROUND, ENGINE STARTING CONTACTS AND MAIN CIRCUIT BREAKER
	NON-FUSED DISCONNECT SWITCH IN SEPERATE ENCLOSURE
	MOLDED CASE CIRCUIT BREAKER IN SEPERATE ENCLOSURE
	VARIABLE FREQUENCY DRIVE
	AUTOMATIC TRANSFER SWITCH
	ISOLATION TRANSFORMER
	TRANSFORMER (DELTA TO GROUND WYE)



TYPICAL DEVICE MOUNTING HEIGHTS

SCALE: NONE

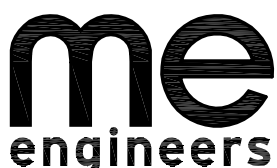
- NOTES:
- HEIGHTS SHOWN ARE TYPICAL TO CENTERLINE OF BOX UNLESS OTHERWISE NOTED.
 - MOUNTING HEIGHTS SHOWN ON ARCHITECTURAL ELEVATIONS SHALL GOVERN OVER THOSE SHOWN ABOVE.
 - CONTRACTOR SHALL ENSURE THAT MOUNTING HEIGHTS COMPLY WITH CURRENT ADA REQUIREMENTS.
 - WHEREVER DEVICES ARE INDICATED TO BE ABOVE DOORS, DEVICE SHALL BE CENTERED BETWEEN TOP OF DOOR TRIM AND CEILING LINE.
 - ALL ABOVE COUNTER (DESIGNATED BY "AC") DEVICES SHALL BE MOUNTED 8" ABOVE COUNTER TO OR A MAXIMUM HEIGHT OF 44" (3'-8") TO TOP OF DEVICE. VERIFY HEIGHTS WITH ARCHITECT.

ABBREVIATIONS

MAG	MAGNETIC
MAX	MAXIMUM
MC	MECHANICAL CONTRACTOR OR MAIN CROSS CONNECT
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MCP	MOTOR CIRCUIT PROTECTOR
MDF	MAIN DISTRIBUTION FRAME
MDP	MAIN DISTRIBUTION PANEL
MECH	MECHANICAL
MFR	MANUFACTURER
MG	MOTOR GENERATOR
MH	MANHOLE OR METAL HALIDE
MIN	MINIMUM
MLO	MAIN LUGS ONLY
MMFO	MULTIMODE FIBER OPTIC
MPOE	MAIN POINT OF ENTRY
MSB	MAIN SWITCHBOARD
MTB	MAIN TERMINAL BOARD
MTD	MOUNTED
MTG	MOUNTING HEIGHT
MTR	MOTOR
MV	MEDIUM VOLTAGE
N	NEUTRAL
NC	NORMALLY CLOSED
NEC	NATIONAL ELECTRICAL CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
NF	NON-FUSED
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
NIC	NOT IN CONTRACT
NIGHT	NIGHT LIGHT
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OFDCI	OWNER FURNISHED, CONTRACTOR INSTALLED
OFOI	OWNER FURNISHED, OWNER INSTALLED
OSHA	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
OSP	OUTSIDE PLANT
P	POLE
PA	PUBLIC ADDRESS
PB	PUSH BUTTON OR PULL BOX
PBX	PRIVATE BRANCH EXCHANGE
PE	PHOTOELECTRIC
PF	POWER FACTOR
PH	PHASE
PANL	PANEL
PAIRS	PAIRS
PRI	PRIMARY
PROX	PROXIMITY
PTZ	POTENTIAL TRANSFORMER
PAN, TILT, ZOOM	PAN, TILT, ZOOM CAMERA
PVC	POLYVINYL CHLORIDE
PWR	POWER
QR	QUARTZ RESTRIKE
R	EXISTING TO BE REMOVED
RE	RELOCATED EXISTING
REC	RECEPTACLE
REQ'D	REQUIRED
RGS	RIGID GALVANIZED STEEL
RM	ROOM
RMC	RIGID METALLIC CONDUIT
RNC	RIGID NON-METALLIC CONDUIT
RPM	REVOLUTIONS PER MINUTE
SCA	SHORT-CIRCUIT AMPERES
SCCR	SHORT-CIRCUIT CURRENT RATING
SCP	SECURITY CONTROL PANEL
SEC	SECONDARY OR SECOND
SECT	SECTION
SHT	SHEET
SMFO	SINGLE-MODE FIBER OPTIC
SP	SERVICE PROVIDER
SPD	SURGE PROTECTION DEVICE
SPDT	SINGLE POLE, DOUBLE THROW
SPST	SINGLE POLE, SINGLE THROW
ST	SHUNT TRIP
STP	SHIELDED TWISTED PAIR
STD	STANDARD
SYS	SYSTEM
SW	SWITCH
SWBD	SWITCHBOARD
TBB	TELECOMMUNICATIONS BONDING BACKBONE
TC	TIME CLOCK
TEL	TELEPHONE
TELCO	TELEPHONE COMPANY
TELCOM	TELECOMMUNICATIONS
TEMP	TEMPORARY OR TEMPERATURE
TGB	TELECOMMUNICATIONS GROUND BUS
TMGB	MAIN TELECOMMUNICATIONS GROUND BUS
TO	THERMAL OVERLOAD
TR	TAMPER RESISTANT OR TELECOMMUNICATIONS ROOM
TS	TIME SWITCH
TIB	TELEPHONE TERMINAL BOARD
TTC	TELEPHONE TERMINAL CABINET OR CLOSET
TV	TELEVISION
TYP	TYPICAL
UC	UNDER COUNTER
UG	UNDER GROUND
UL	UNDERWRITER LABORATORIES
UON	UNLESS OTHERWISE NOTED
UPS	UNINTERRUPTIBLE POWER SUPPLY
UTP	UNSHIELDED TWISTED PAIR
V	VOLT
VA	VOLT-AMPERE
VAR	REACTIVE VOLT-AMPERES
VFD	VARIABLE FREQUENCY DRIVE
VP	VAPOR PROOF
W	WATT
W/	WITH
W/O	WITHOUT
WCR	WITHSTAND CURRENT RATING
WH	WATT HOUR
WHM	WEATHERPROOF
WP	WEATHERPROOF
WPL	WEATHERPROOF LOCKABLE ENCLOSURE
WT	WATERTIGHT
XFMR	TRANSFORMER
XP	EXPLOSION PROOF

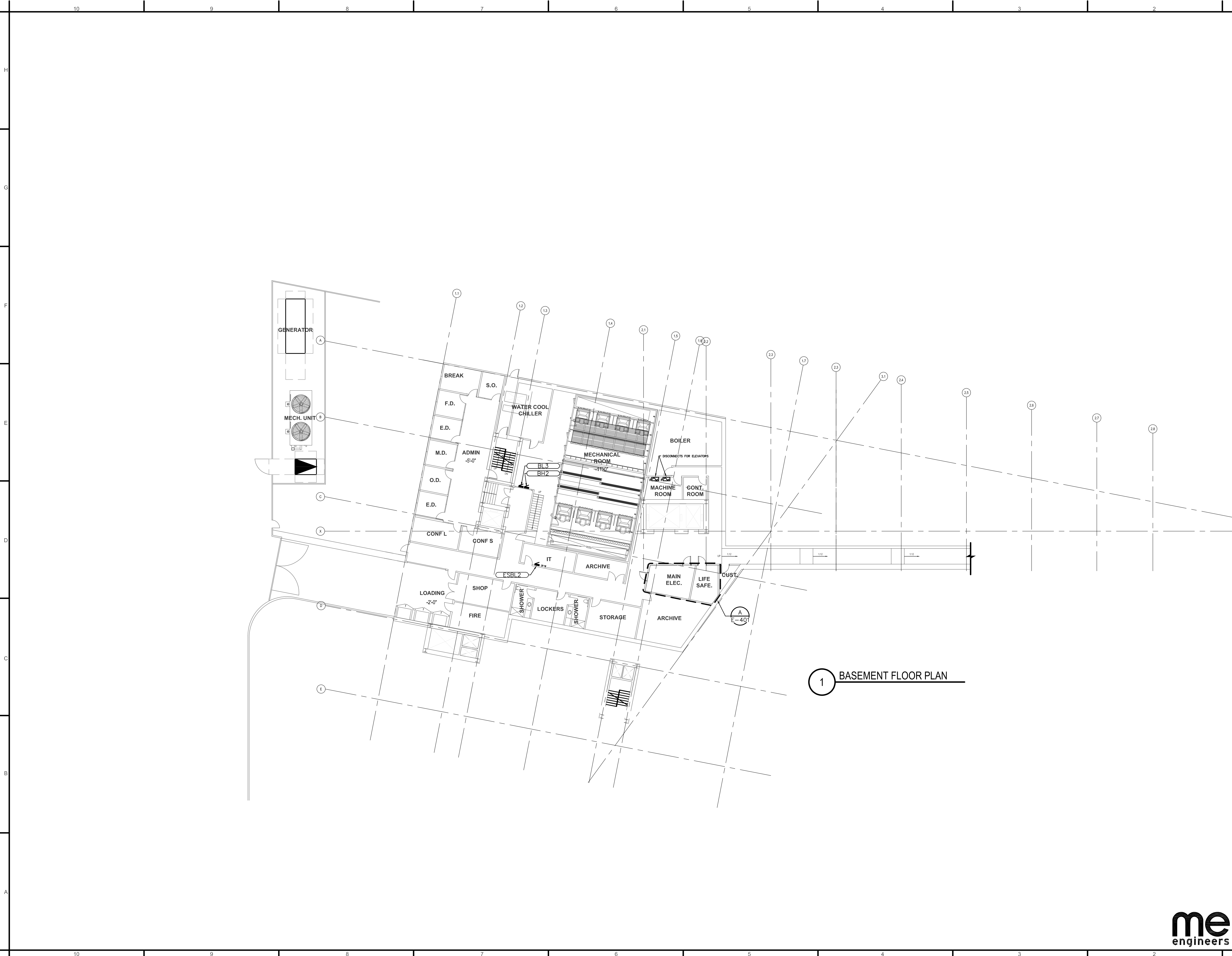
ABBREVIATIONS

A,AMP	AMPERE
AC	ABOVE COUNTER OR ALTERNATING CURRENT
ADA	AMERICANS WITH DISABILITIES ACT
AF	AMPERE FUSE/FRAME
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AIC	AMPERE INTERRUPTING CAPACITY
AL	ALUMINUM
ALT	ALTERNATE
ANN	ANNUNCIATOR
ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
AS	AMPERE SWITCH
AT	AMPERE TRIP
ATS	AUTOMATIC TRANSFER SWITCH
AUTO	AUTOMATIC
AUX	AUXILIARY
AWG	AMERICAN WIRE GAUGE
BC	BARE COPPER
BFC	BELOW FINISHED CEILING
BFG	BELOW FINISHED GRADE
BKR	BREAKER
BLDG	BUILDING
C	CONDUIT
CATV	COMMUNITY ANTENNA TV (CABLE TV)
CAB	CABINET
CAM	CAMERA
CB	CIRCUIT BREAKER
CBM	CERTIFIED BALLAST MANUFACTURERS
CCTV	CLOSED CIRCUIT TELEVISION
CFL	CONTRACTOR FURNISHED, CONTRACTOR INSTALLED
CFL	COMPACT FLUORESCENT LAMP
CIRCUIT	CIRCUIT
CLG	CEILING
CO	CONDUIT ONLY
COAX	COAXIAL
COMB	COMBINATION
COND	CONDUCTOR
CONT	CONTRACTOR OR CONTINUATION
CT	CURRENT TRANSFORMER
CU	COPPER
dB	DECIBEL
DB	DIRECT BURIAL
DC	DIRECT CURRENT
DEMARC	DEMARCATION
DISC	DISCONNECT
DIST	DISTRIBUTION
DL	DAMP LABEL
DVR	DIGITAL VIDEO RECORDER
DWG	DRAWING
E	EXISTING TO REMAIN
EA	EACH
EC	ELECTRICAL CONTRACTOR OR EMPTY CONDUIT
EGC	EQUIPMENT GROUNDING CONDUCTOR
EH	ELECTRICALLY HELD
ELEC	ELECTRIC OR ELECTRICAL
ELEV	ELEVATOR
EM	EMERGENCY
EMT	ELECTRIC METALLIC TUBING
EOL	FIRE ALARM END OF LINE RESISTOR
EPO	EMERGENCY POWER OFF
EQUIP	EQUIPMENT
ER	EXISTING TO BE RELOCATED
EW	ELECTRIC WATER COOLER
F	FUSE
FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
FAAP	FIRE ALARM ANNUNCIATOR PANEL
FBO	FURNISHED BY OTHERS
FC	FOOTCANDLES
FDR	FEEDER
FLA	FULL LOAD AMPERES
FLEX	FLEXIBLE CONDUIT
FLR	FLOOR
FLUOR	FLUORESCENT
FO	FIBER OPTIC
FATC	FIRE ALARM TERMINAL CABINET
FU	FUSE OR FUSED
G,GND	GROUND
GA	GAUGE
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GEN	GENERATOR
GFI,GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GRC	GALVANIZED RIGID CONDUIT
HC	HORIZONTAL CROSS CONNECT
HD	HEAVY DUTY
HH	HAND HOLE
HID	HIGH INTENSITY DISCHARGE
HOA	HAND-OFF-AUTOMATIC
HP	HORSEPOWER
HPF	HIGH POWER FACTOR
HPS	HIGH PRESSURE SODIUM
HZ	HERTZ (CYCLES/SECOND)
IC	INTERCOM OR INTERMEDIATE CROSS-CONNECT
ID	INSIDE DIAMETER
IDF	INTERMEDIATE DISTRIBUTION FRAME
IG	ISOLATED GROUND
IMC	INTERMEDIATE GRADE METALLIC CONDUIT
IMC	INCANDESCENT
J-BOX	JUNCTION BOX
KCMIL	THOUSAND OF CIRCULAR MILLS
KV	KILOVOLT
KVA	KILOVOLT-AMPERE
KW	KILOWATT
KWH	KILOWATT-HOUR
LAN	LOCAL AREA NETWORK
LCL	LONG CONTINUOUS LOAD
LED	LIGHT EMITTING DIODE
LFC	LIQUIDTIGHT FLEXIBLE CONDUIT
LML	LARGEST MOTOR LOAD
LPF	LOW POWER FACTOR
LTG	LIGHTING
LV	LOW VOLTAGE



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2. ALL EXPOSED CONDUIT SHALL BE ROUTED PERPENDICULAR, PARALLEL, AND TIGHT TO COLUMNS AND BEAMS. ALL EXPOSED CONDUIT ROUTING SHALL BE COORDINATED WITH ENGINEER AND ARCHITECT PRIOR TO INSTALLATION. NO ADDITIONAL COST TO OWNER WILL BE ALLOWED FOR RELOCATING CONDUIT DUE TO THE LACK OF COORDINATION WITH ARCHITECT.
3. ALL BACK BOXES SHALL BE FLUSH MOUNTED UNLESS NOTED OTHERWISE. ALL VERTICAL SECTIONS OF CONDUIT SHALL BE CONCEALED. CONTRACTOR SHALL COORDINATE INSTALLATION OF CONDUIT AND BACK BOXES IN CONCRETE, MASONRY AND GYP. WALLS.

KEY NOTES:
(SOME KEY NOTES MAY NOT APPLY TO THIS SHEET.)

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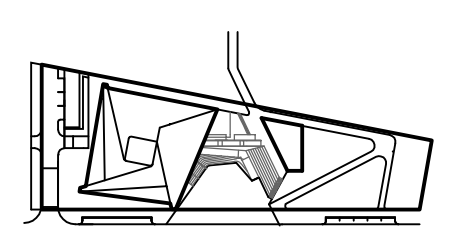
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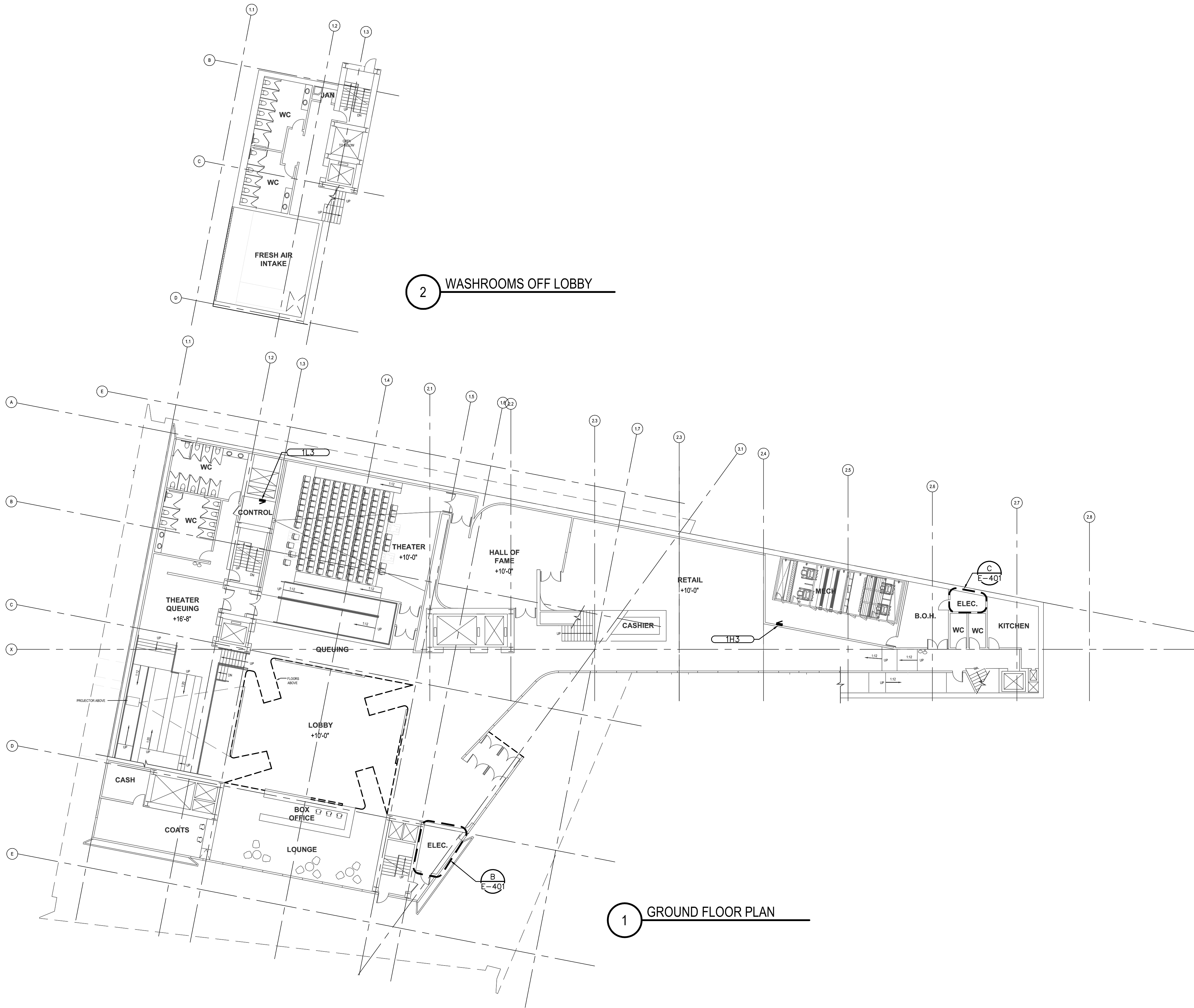
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PROJECT NUMBER
14011

TITLE
LEVEL -1 PLAN (BASEMENT)
1/16" = 1'-0"

DRAWING NO.
E-100



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- ALL EXPOSED CONDUIT SHALL BE ROUTED PERPENDICULAR, PARALLEL, AND TIGHT TO COLUMNS AND BEAMS. ALL EXPOSED CONDUIT ROUTING SHALL BE COORDINATED WITH ENGINEER AND ARCHITECT PRIOR TO INSTALLATION. NO ADDITIONAL COST TO OWNER WILL BE ALLOWED FOR RELOCATING CONDUIT DUE TO THE LACK OF COORDINATION WITH ARCHITECT.
- ALL BACK BOXES SHALL BE FLUSH MOUNTED UNLESS NOTED OTHERWISE. ALL VERTICAL SECTIONS OF CONDUIT SHALL BE CONCEALED. CONTRACTOR SHALL COORDINATE INSTALLATION OF CONDUIT AND BACK BOXES IN CONCRETE, MASONRY AND GYP. WALLS.

KEY NOTES:
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EXHIBIT DESIGN:
Gallagher and Associates
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Silver Spring, Maryland 20910
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STRUCTURAL DESIGN:
ARUP NORTH AMERICA, LTD
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New York, New York 10005
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COLORADO SPRINGS, COLORADO 80918
T: 719.536.0036

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LANDSCAPE ARCHITECTS:
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NES COLORADO
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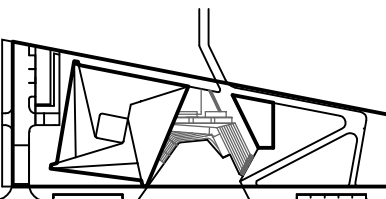
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LAKEWOOD, CO 80235
T: 720.981.4150

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KEY PLAN



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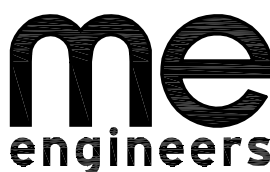
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ELE DRH

PROJECT NUMBER
14011

TITLE
LEVEL 1 PLAN (GROUND FLOOR)
1/16" = 1'-0"

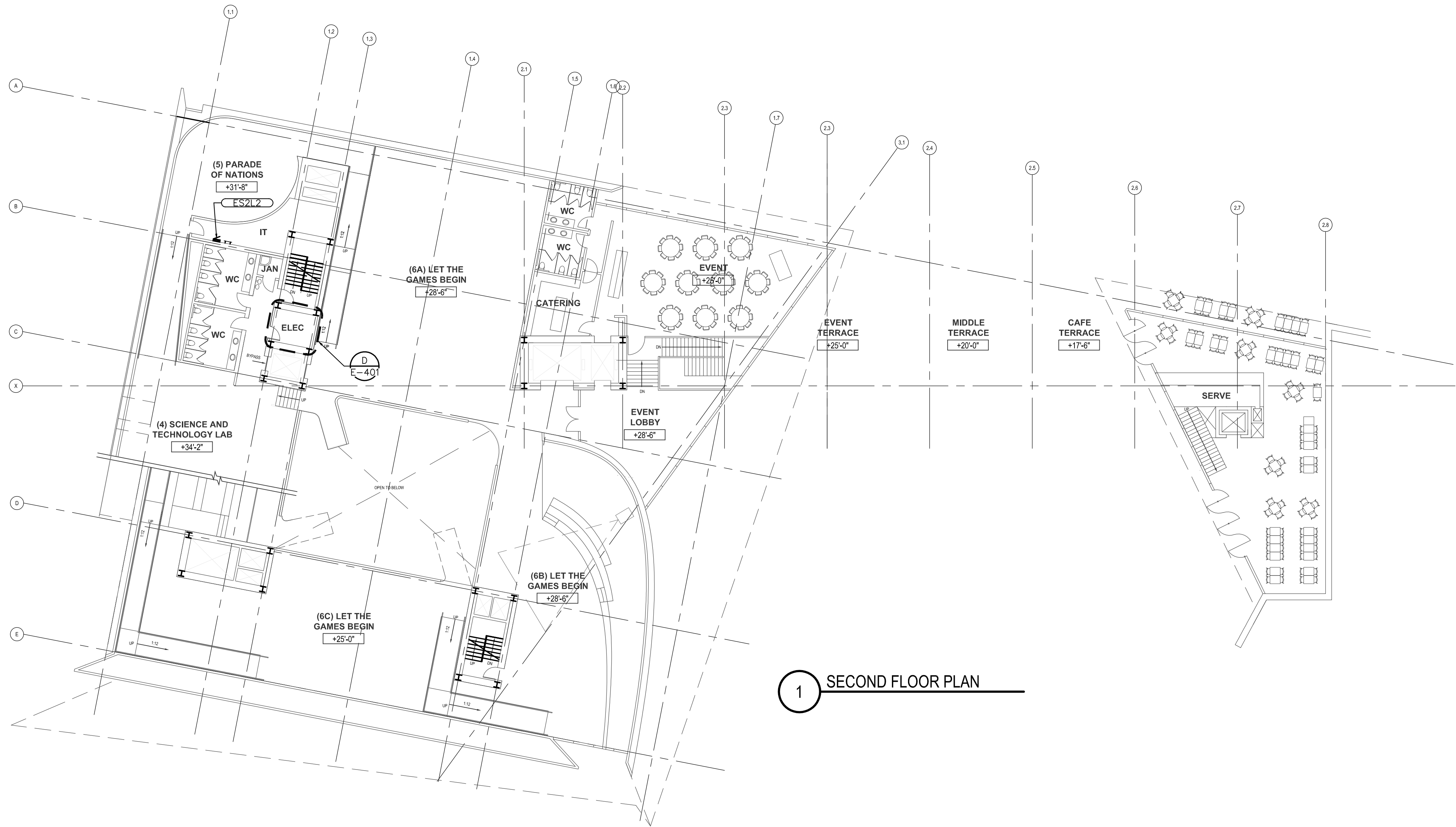
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E-101



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colorado springs, co 80918
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www.me-engineers.com





1 SECOND FLOOR PLAN

GENERAL NOTES:

1. ELECTRICAL CONTRACTOR SHALL COORDINATE EXACT LOCATION OF ALL MECHANICAL AND PLUMBING EQUIPMENT WITH MECHANICAL AND PLUMBING CONTRACTORS. REFER TO MECHANICAL EQUIPMENT ELECTRICAL SCHEDULE ON SHEET E-702 FOR ALL MECHANICAL AND PLUMBING EQUIPMENT ELECTRICAL CONNECTIONS.
2. ALL EXPOSED CONDUIT SHALL BE ROUTED PERPENDICULAR, PARALLEL, AND TIGHT TO COLUMNS AND BEAMS. ALL EXPOSED CONDUIT ROUTING SHALL BE COORDINATED WITH ENGINEER AND ARCHITECT PRIOR TO INSTALLATION. NO ADDITIONAL COST TO OWNER WILL BE ALLOWED FOR RELOCATING CONDUIT DUE TO THE LACK OF COORDINATION WITH ARCHITECT.
3. ALL BACK BOXES SHALL BE FLUSH MOUNTED UNLESS NOTED OTHERWISE. ALL VERTICAL SECTIONS OF CONDUIT SHALL BE CONCEALED. CONTRACTOR SHALL COORDINATE INSTALLATION OF CONDUIT AND BACK BOXES IN CONCRETE, MASONRY AND GYP. WALLS.

KEY NOTES:
(SOME KEY NOTES MAY NOT APPLY TO THIS SHEET.)

US OLYMPIC MUSEUM

OWNER:
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P.O. Box 681
Colorado Springs, CO 80901
T: 719.536.6325

EXECUTIVE ARCHITECT:
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T: 719.471.0073

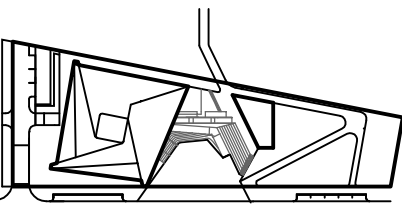
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JENSEN HUGHES
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KEY PLAN



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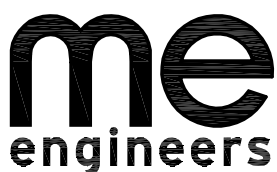
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PROJECT NUMBER
14011

TITLE
LEVEL 2 PLAN
1/16" = 1'-0"

DRAWING NO.

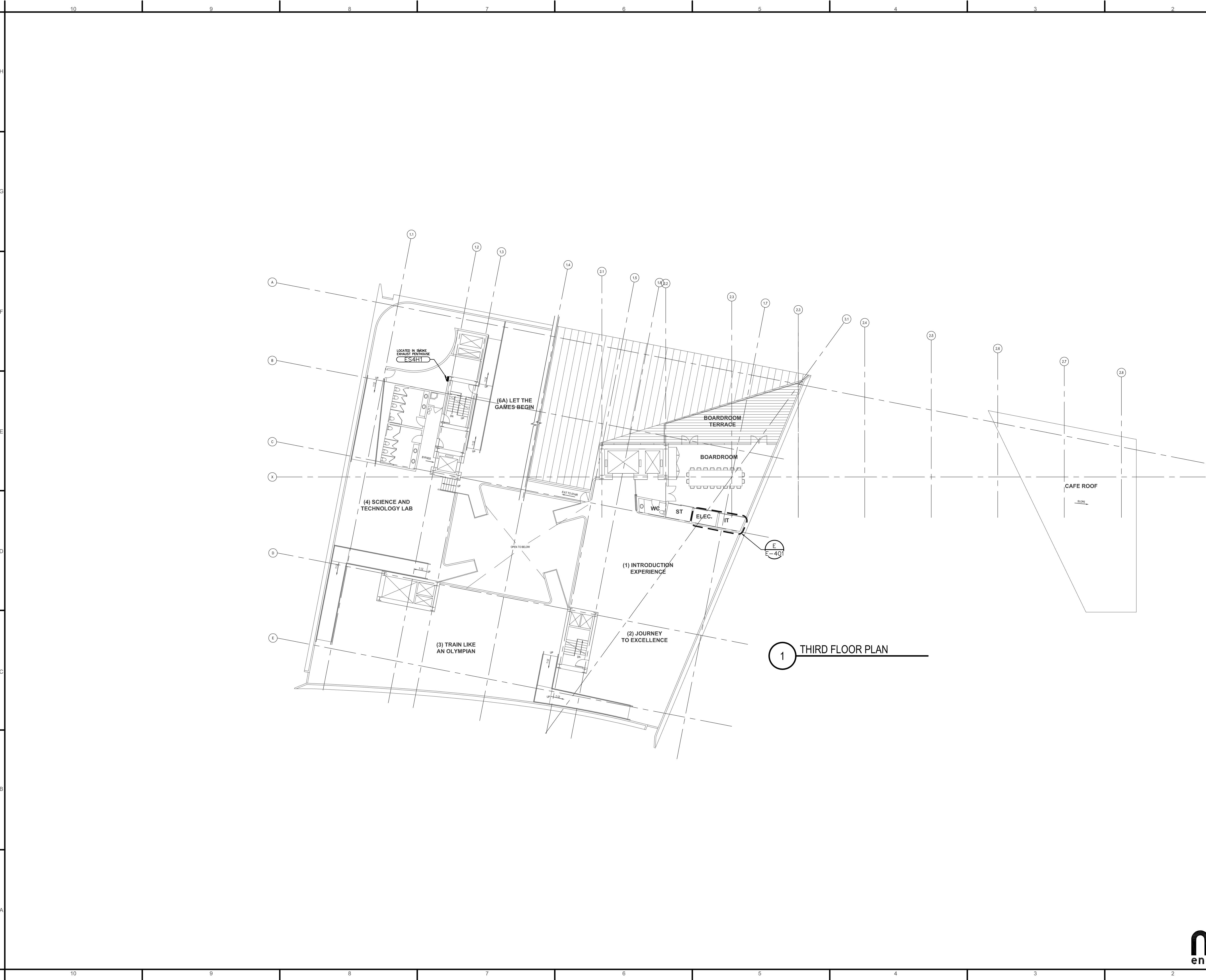
E-102



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GENERAL NOTES:

- ELECTRICAL CONTRACTOR SHALL COORDINATE EXACT LOCATION OF ALL MECHANICAL AND PLUMBING EQUIPMENT WITH MECHANICAL AND PLUMBING CONTRACTORS. REFER TO MECHANICAL EQUIPMENT ELECTRICAL SCHEDULE ON SHEET E-702 FOR ALL MECHANICAL AND PLUMBING EQUIPMENT ELECTRICAL CONNECTIONS.
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KEY NOTES:
(SOME KEY NOTES MAY NOT APPLY TO THIS SHEET.)

US OLYMPIC MUSEUM

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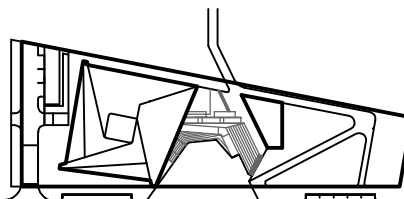
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KEY PLAN



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PROJECT NUMBER
14011

TITLE
LEVEL 3 PLAN (UPPER FLOOR)
1/16" = 1'-0"

DRAWING NO.

E-103

me
engineers

M-E Engineers, Inc.
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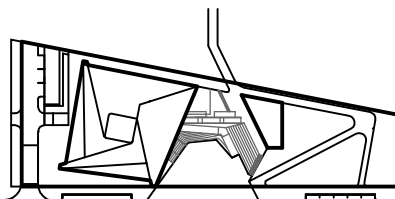
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KEY PLAN



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PROJECT NUMBER
14011

TITLE
ENLARGED ELECTRICAL ROOM PLANS
1/4" = 1'-0"

DRAWING NO.
E-401

me
engineers
M-E Engineers, Inc.
3425 austin bluffs pkwy, ste 201
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T 719.536.0036 / F 719.536.0037
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GENERAL NOTES:

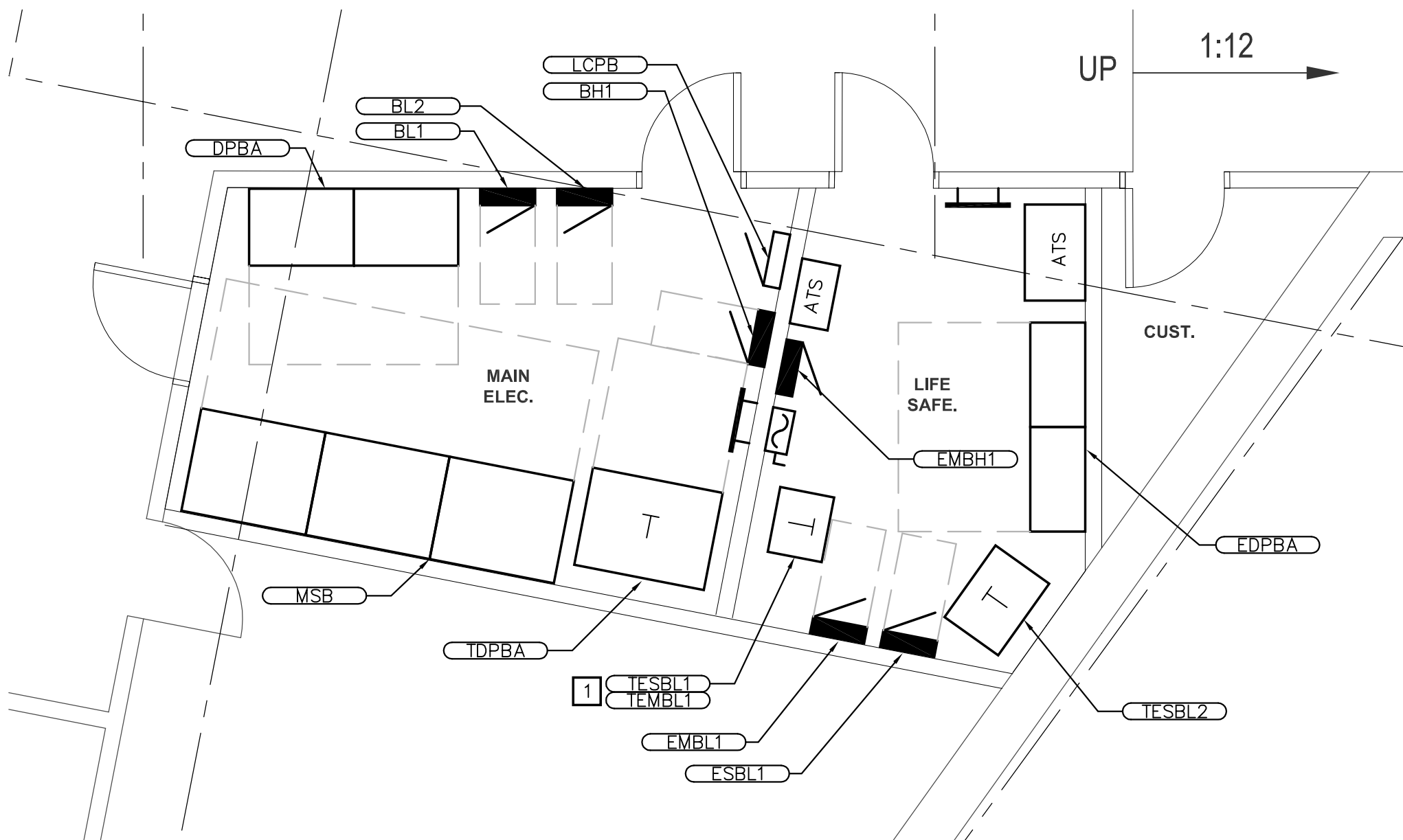
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KEY NOTES:

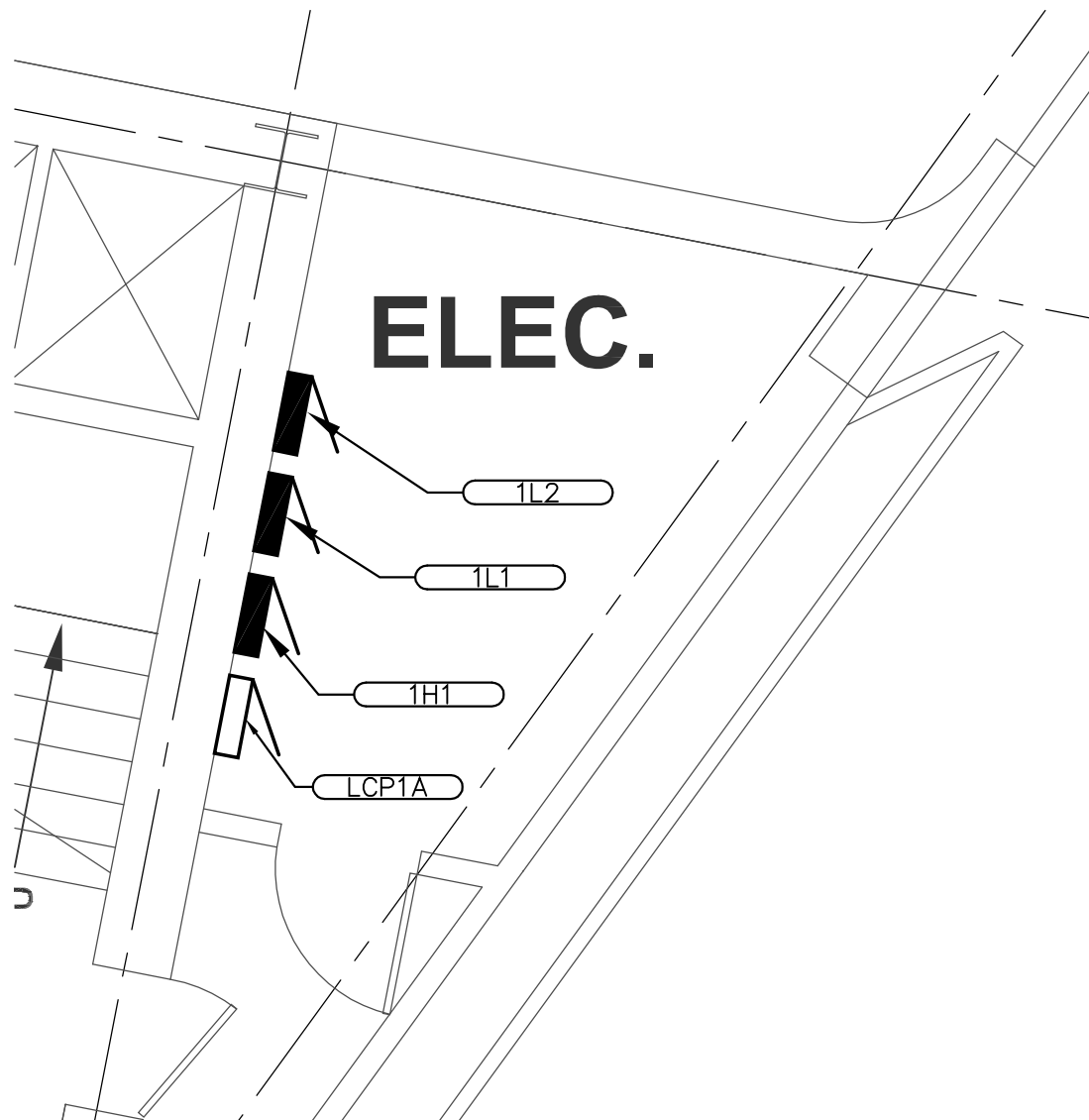
(SOME KEY NOTES MAY NOT APPLY TO THIS SHEET.)

- 1 TWO TRANSFORMERS AT THIS LOCATION. MOUNT ONE TRANSFORMER ABOVE THE OTHER.

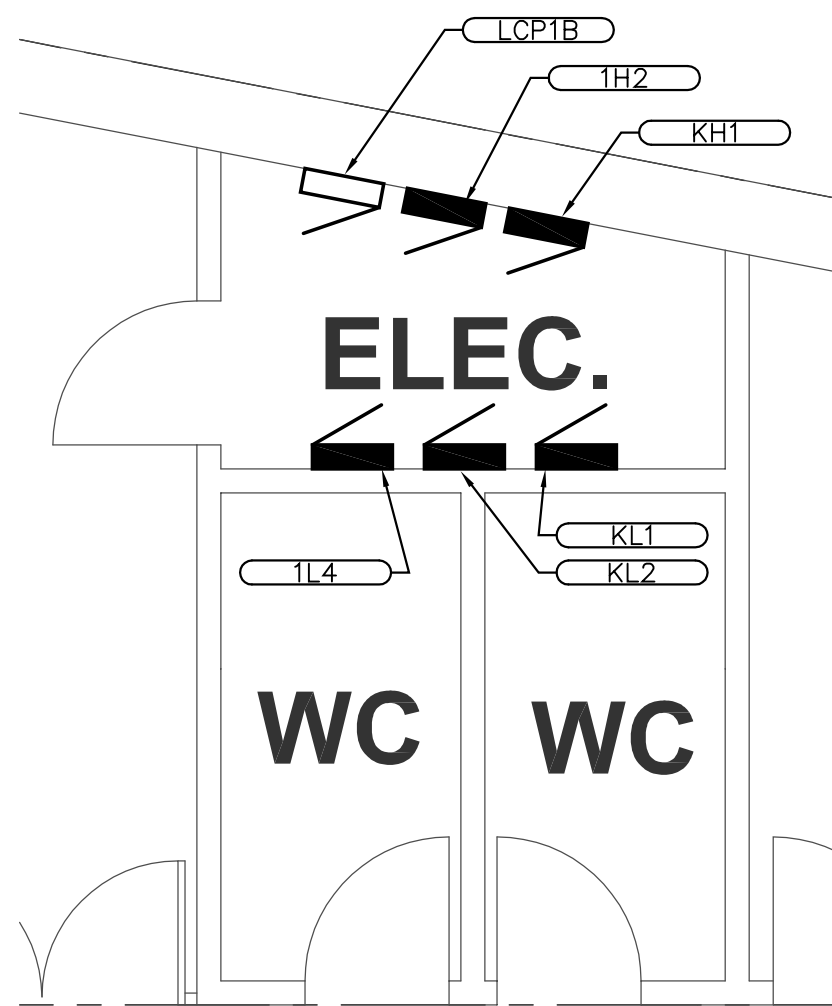
A ENLARGED BASEMENT MAIN & EMERGENCY ELEC RMS



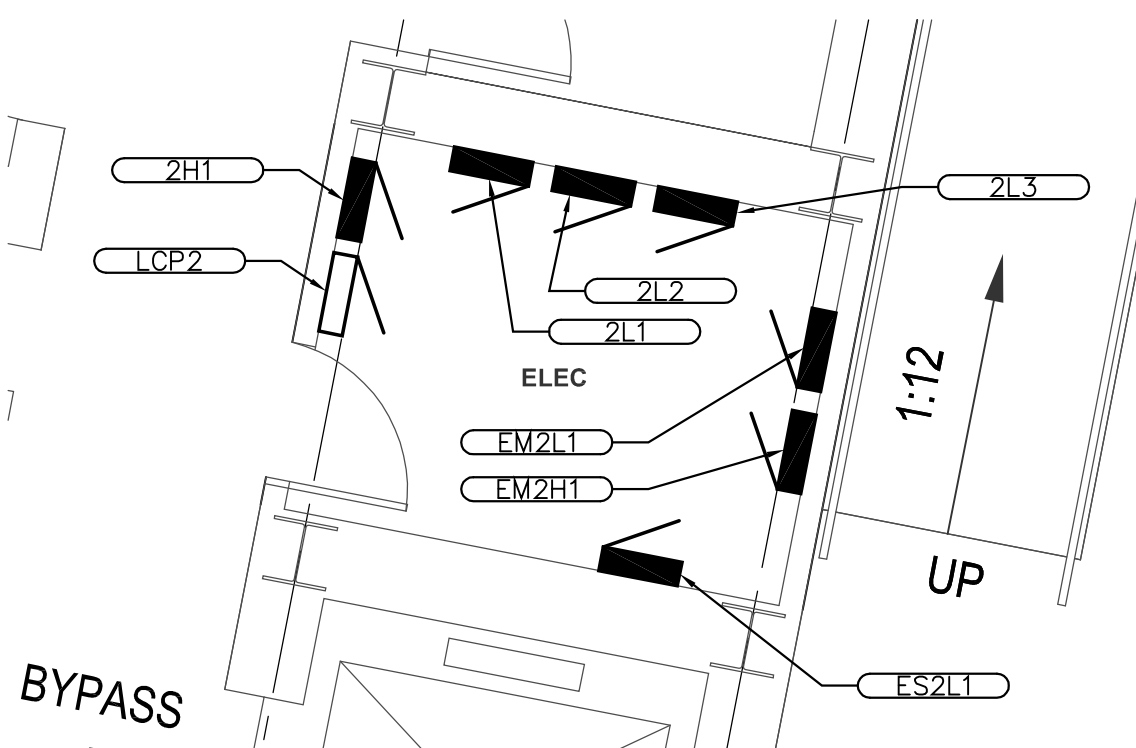
B ENLARGED GROUND FLOOR LOBBY ELEC RM



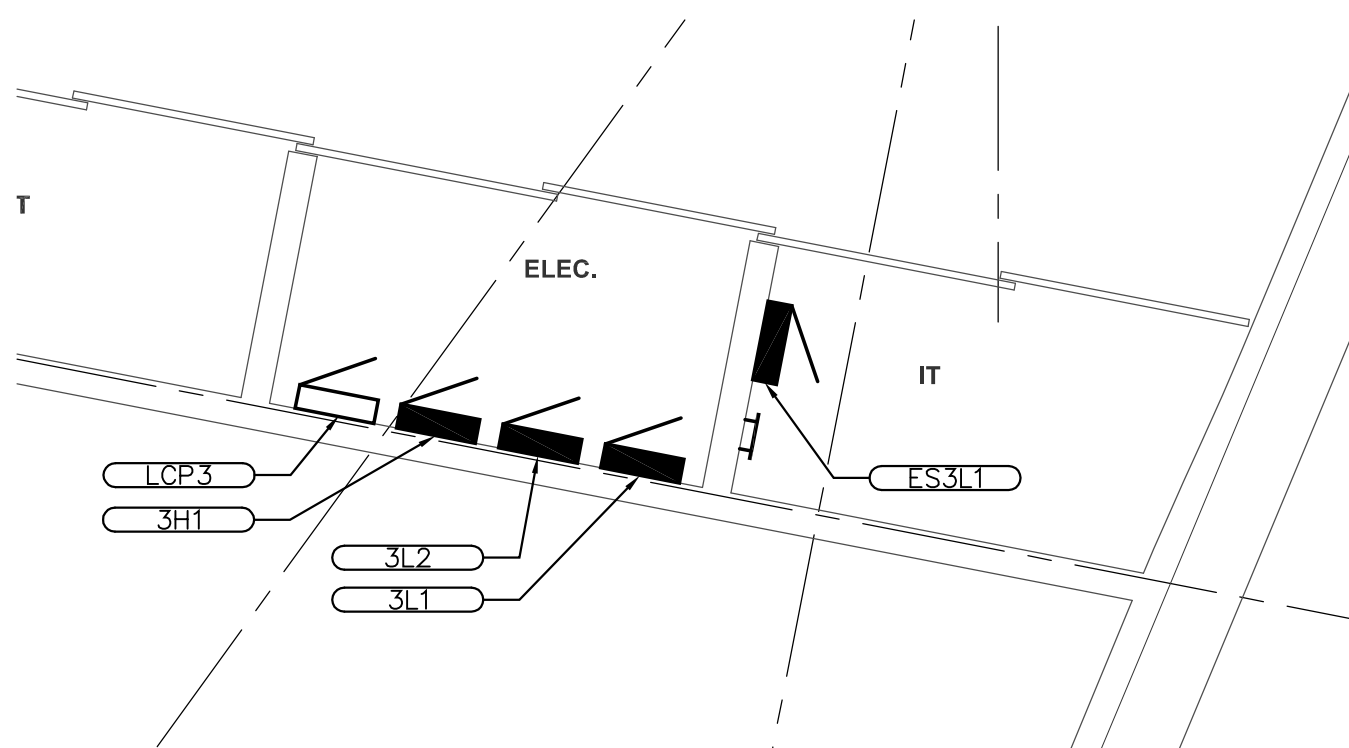
C ENLARGED RESTAURANT & RETAIL ELEC RM



D ENLARGED SECOND FLOOR ELEC RM



E ENLARGED THIRD FLOOR ELEC RM



OWNER:
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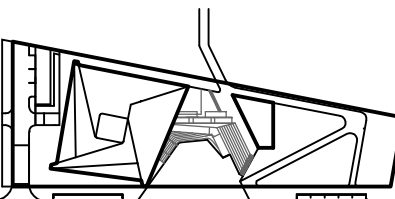
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KEY PLAN



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PROJECT NUMBER
14011

TITLE
ELECTRICAL ONE-LINE DIAGRAM
NO SCALE

DRAWING NO.
E-701

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KVA	208/120 VOLT SECONDARY	
	AWG/KCMIL	CONDUIT SIZE
15 AND LESS	8	3/4
30	6	3/4
45	4	3/4
75	2	1
112.5	1/0	1
150	1/0	1
225	2/0	1-1/4
300	3/0	1-1/4
500	300	1-1/2

GENERAL NOTES:

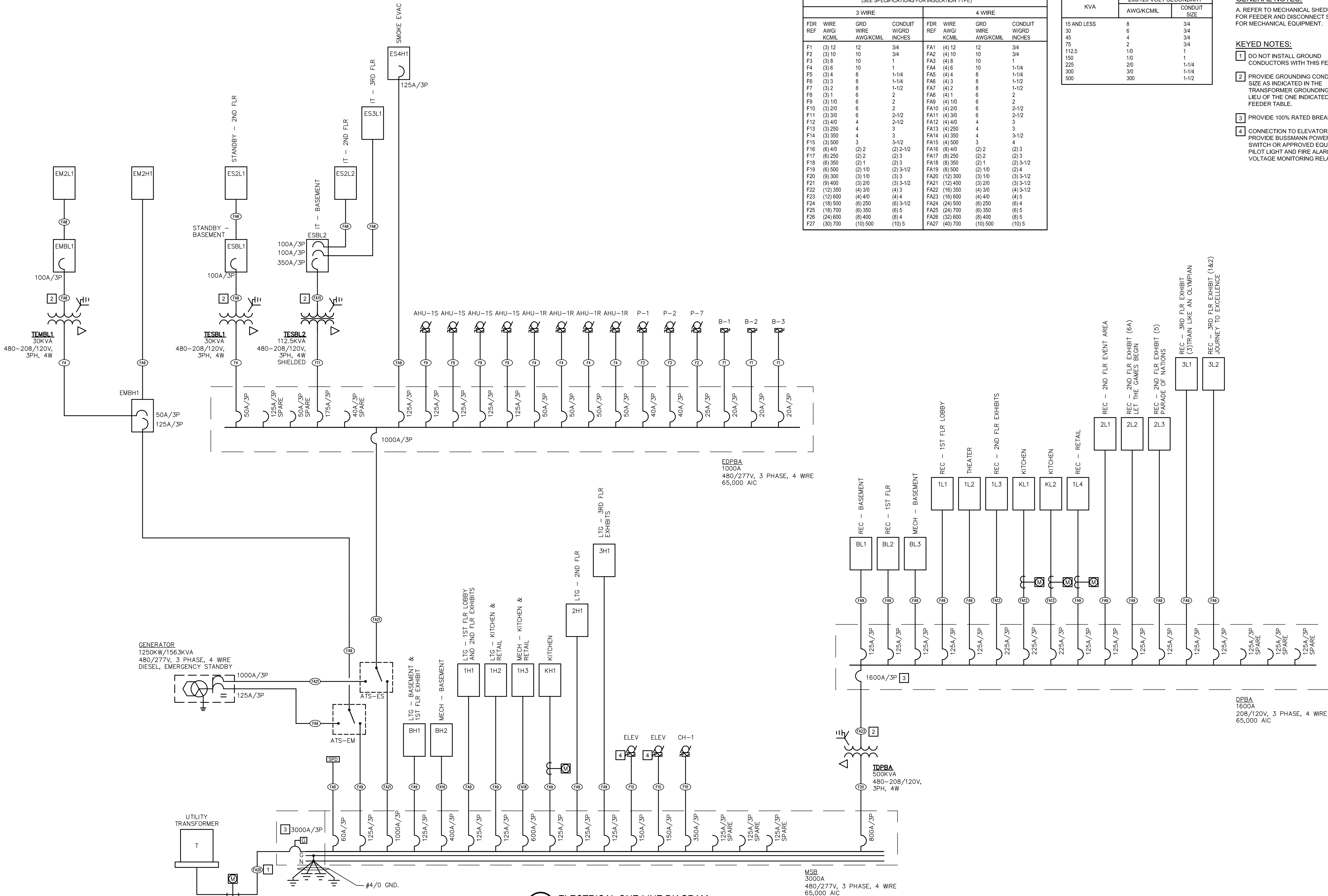
A. REFER TO MECHANICAL SCHEDULES FOR FEEDER AND DISCONNECT SIZES FOR MECHANICAL EQUIPMENT.

KEYED NOTES:

- DO NOT INSTALL GROUND CONDUCTORS WITH THIS FEEDER.
- PROVIDE GROUNDING CONDUCTOR SIZE AS INDICATED IN THE TRANSFORMER GROUNDING TABLE IN LIEU OF THE ONE INDICATED IN THE FEEDER TABLE.
- PROVIDE 100% RATED BREAKER.
- CONNECTION TO ELEVATOR MOTOR. PROVIDE BUSSMANN POWER MODULE SWITCH OR APPROVED EQUAL WITH PILOT LIGHT AND FIRE ALARM VOLTAGE MONITORING RELAY.

FEEDER TABLE - COPPER CONDUCTORS (SEE SPECIFICATIONS FOR INSULATION TYPE)					
3 WIRE			4 WIRE		
FDR REF	WIRE AWG/ KCMIL	GRD WIRE AWG/KCMIL	CONDUIT W/GRD INCHES	FDR REF	WIRE AWG/ KCMIL
F1	(3) 12	12	3/4	FA1	(4) 12
F2	(3) 10	10	3/4	FA2	(4) 10
F3	(3) 8	10	1	FA3	(4) 8
F4	(3) 6	10	1	FA4	(4) 6
F5	(3) 4	8	1-1/4	FA5	(4) 4
F6	(3) 3	8	1-1/4	FA6	(4) 3
F7	(3) 2	8	1-1/2	FA7	(4) 2
F8	(3) 1	6	2	FA8	(4) 1
F9	(3) 1/0	6	2	FA9	(4) 1/0
F10	(3) 2/0	6	2	FA10	(4) 2/0
F11	(3) 3/0	6	2-1/2	FA11	(4) 3/0
F12	(3) 4/0	4	2-1/2	FA12	(4) 4/0
F13	(3) 250	4	3	FA13	(4) 250
F14	(3) 350	4	3	FA14	(4) 350
F15	(3) 500	3	3-1/2	FA15	(4) 500
F16	(6) 4/0	(2) 2	(2) 2-1/2	FA16	(8) 4/0
F17	(6) 250	(2) 2	(2) 3	FA17	(8) 250
F18	(6) 350	(2) 1	(2) 3	FA18	(8) 350
F19	(6) 500	(2) 1/0	(2) 3-1/2	FA19	(8) 500
F20	(9) 300	(3) 1/0	(3) 3	FA20	(12) 300
F21	(9) 400	(3) 2/0	(3) 3-1/2	FA21	(12) 400
F22	(12) 350	(4) 3/0	(4) 3	FA22	(16) 350
F23	(12) 600	(4) 4/0	(4) 4	FA23	(16) 600
F24	(18) 500	(6) 250	(6) 3-1/2	FA24	(24) 500
F25	(18) 700	(6) 350	(6) 5	FA25	(24) 700
F26	(24) 600	(8) 400	(8) 4	FA26	(32) 600
F27	(30) 700	(10) 500	(10) 5	FA27	(40) 700

1 ELECTRICAL ONE-LINE DIAGRAM



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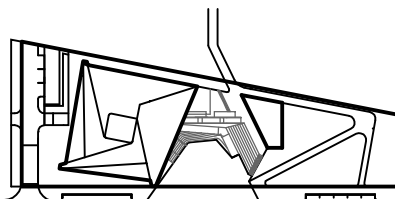
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PROJECT NUMBER
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TITLE
ELECTRICAL SCHEDULES AND DETAILS
NO SCALE

DRAWING NO.
E-702

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US OLYMPIC MUSEUM LOADS

ITEM NO.	DESCRIPTION	WATTS / SQFT.	AREA	HP	KW	FLA	VOLTAGE	PHASE	QTY.		subtotal	demand	TOTAL KW
	EM Lighting Load	0.1	56000		5.60		277	1	1		5.60	1.25	7.00
	FACP				1.92	16	120	1	1		1.92	1	1.92
	EMERGENCY SUBTOTAL (EMBH1)												8.92
	IT ROOMS (ESBL2)				67.37	187	208	3	1		67.37	1	67.37
	208V/120V IT ROOM SUBTOTAL (ESBL2)												67.37
	IT Cooling Basement				3.33	16	208	1	1		3.33	1	3.33
	IT Cooling Basement				3.33	16	208	1	1		3.33	1	3.33
	IT Cooling 2nd Level				3.33	16	208	1	1		3.33	1	3.33
	IT Cooling 3rd Level				3.33	16	208	1	1		3.33	1	3.33
	208V/120V STANDBY SUBTOTAL (ESBL1)												13.31
	EF-1			15	17.46	21	480	3	1		17.46	1	17.46
	EF-2			15	17.46	21	480	3	1		17.46	1	17.46
	EF-3			15	17.46	21	480	3	1		17.46	1	17.46
	P-1			20	25.77	31	480	3	1		25.77	1	25.77
	P-2			20	25.77	31	480	3	1		25.77	1	25.77
	P-7			7.5	9.15	11	480	3	1		9.15	1	9.15
	B-1			12.47	15	480	3	1	1		12.47	1	12.47
	B-2			12.47	15	480	3	1	1		12.47	1	12.47
	B-3			12.47	15	480	3	1	1		12.47	1	12.47
	AHU-1S			75	80.64	97	480	3	4		322.58	1	322.58
	AHU-1R			25	31.59	38	480	3	4		126.37	1	126.37
	STANDBY SUBTOTAL (EDPBA)												20.16
													706.27
	GENERATOR TOTAL												709.19
	Basement Admin/BOH REC.	2.0	11493		22.99		120	1	1		22.99	1	22.99
	Basement Admin/BOH Comp.	6.0	2216		13.30		120	1	1		13.30	1	13.30
	BASEMENT 208V/120V SUBTOTAL (BL1)												36.28
	Elevator CRAC				6.24	30	208	1	1		6.24	1	6.24
	Elevator CRAC				6.24	30	208	1	1		6.24	1	6.24
	Elevator CRAC				6.24	30	208	1	1		6.24	1	6.24
	Elevator CRAC				6.24	30	208	1	1		6.24	1	6.24
	BASEMENT MECH 208V/120V SUBTOTAL (BL3)												24.96
	Retail/Restaurant Receptacles	20.0	7138		142.76		120	1	1		142.76	1	142.76
	Retail/Restaurant Computers	1.0	7138		7.14		120	1	1		7.14	1	7.14
	KITCHEN 208V/120V SUBTOTAL (KL1, KL2, 1L4)												149.90
	Lobby Receptacles	2.0	7022		14.04		120	1	1		14.04	1	14.04
	Lobby Computers	3.0	1963		5.89		120	1	1		5.89	1	5.89
	2F Exhibit (6B) Receptacles	7.0	2777		16.44		120	1	1		16.44	1	16.44
	2F Exhibit (6c) Receptacles	7.0	2427		16.99		120	1	1		16.99	1	16.99
	LOBBY 208V/120V SUBTOTAL (1L1, 1L3)												56.36
	1F Exhibit Receptacles	7.0	3500		24.50		120	1	1		24.50	1	24.50
	1F Theater Receptacles	7.0	2421		16.95		120	1	1		16.95	1	16.95
	1F EXHIBIT 208V/120V SUBTOTAL (1L2, BL2)												41.45
	2F Exhibit (6A) Receptacles	7.0	3223		22.56		120	1	1		22.56	1	22.56
	2F Exhibit (5) Receptacles	7.0	1856		12.99		120	1	1		12.99	1	12.99
	3F Exhibit (4) Receptacles	7.0	1630		11.41		120	1	1		11.41	1	11.41
	2F Event Receptacles	4.0	3089		12.36		120	1	1		12.36	1	12.36
	2F Event Computers	1.0	3089		3.09		120	1	1		3.09	1	3.09
	2F EXHIBIT 208V/120V SUBTOTAL (2L1, 2L2, 2L3)												62.41
	3F Exhibit (3) Receptacles	7.0	3716		26.01		120	1	1		26.01	1	26.01
	3F Exhibit (1 & 2) Receptacles	7.0	3817		26.72		120	1	1		26.72	1	26.72
	3F Admin Receptacles	2.0	2715		5.43		120	1	1		5.43	1	5.43
	3F Admin Computers	6.0	1286		7.72		120	1	1		7.72	1	7.72
	3F EXHIBIT 208V/120V SUBTOTAL (3L1, 3L2)												65.88
	SERVICE 208/120V SUBTOTAL (DPBA)												437.23
	1F Exhibit Lighting	5.1	5921		30.20		277	1	1		30.20	1.25	37.75
	Basement Lighting (BH1)	0.9	11493		10.34		277	1	1		10.34	1.25	12.93
	BASEMENT 480V/277V SUBTOTAL (BH1)												50.68
	P-3			30	37.41	45	480	3	1		37.41	1	37.41
	P-4			30	37.41	45	480	3	1		37.41	1	37.41
	P-5			30	33.26	40	480	3	1		33.26	1	33.26
	P-6			30	33.26	40	480	3	1		33.26	1	33.26
	P-8			2	2.83	3.4	480	3	1		2.83	1	2.83
	P-9			3	5.74	6.9	480	3	1		5.74	1	5.74
	P-10			3	5.74	6.9	480	3	1		5.74	1	5.74
	Elevator 3 (Gallery) Oil Cooler			3	3.99	4.8	480	3	2		7.98	1	7.98
	Elevator 1 (Event)			20	33.26	40	480	3	1		33.26	1	33.26
	Elevator 2 (Service)			20	33.26	40	480	3	1		33.26	1	33.26
	P-11			3	3.99	4.8	480	3	1		3.99	1	3.99
	CT-1			15	19.12	23	480	3	1		19.12	1	19.12
	BASEMENT 480V/277V SUBTOTAL (BH2)												9.35
													262.59
	Kitchen Lighting (1H2)	1.6	7138		11.42		277	1	1		11.42	1.25	14.28
	AHU-2S			20	22.45	27	480	3	4		89.79	1	89.79
	AHU-2R			40	43.23	52	480	3	4		172.93	1	172.93
	Elevator 4 (Kitchen)			20	33.26	40	480	3	4		133.02	1	133.02
	DUMBWAITER			10	18.29	22	480	3	4		73.16	1	73.16
	KEF-1			3	3.99	4.8	480	3	1		3.99	1	3.99
	KITCHEN 480V/277V SUBTOTAL (1H3)												10.81
													483.70
	Lobby Lighting	1.1	7022		7.72		277	1	1		7.72	1.25	9.66
	LOBBY 480V/277V SUBTOTAL (1H1)												9.66
	2F Exhibit Lighting 6B, 6C	5.1	5204		26.54		277	1	1		26.54	1.25	33.18
	2F Exhibit Lighting 4, 5, 6A	5.1	6709		34.22		277	1	1		34.22	1.25	42.77
	2F Event Lighting	1.1	3089		3.40		277	1	1		3.40	1.25	4.25
	2F EXHIBIT 480V/277V SUBTOTAL (2H1)												47.02
	3F Exhibit Lighting	5.1	7330		37.38		277	1	1		37.38	1.25	46.73
	3F Admin Lighting	0.9	1286		1.16		277	1	1		1.16	1.25	1.45
	3F Smoke Room Lighting	0.9	1489		1.34		277	1	1		1.34	1.25	1.68
	3F EXHIBIT 480V/277V SUBTOTAL (3H1)												49.85
	CH-1				196.21	236	480	3	1		196.21	1	196.21
	Elevator 3 (Gallery)			50	77.32	93	480	3	2		154.64	1	154.64
	SERVICE TOTAL (MSB)												20.16
													2428.05

25% of largest motor

10.73 A at 480V-3PH

187.00 A at 208V-3PH

36.95 A at 208V-3PH

853.02 A at 480V-3PH

100.71 A at 208V-3PH

69.28 A at 208V-3PH

416.08 A at 208V-3PH

156.44 A at 208V-3PH

115.05 A at 208V-3PH

173.23 A at 208V-3PH

182.86 A at 208V-3PH

1213.64 A at 208V-3PH

15.55 A at 480V-3PH

60.95375 A at 480V-3PH

25% of largest motor

315.85 A at 480V-3PH

17.17 A at 480V-3PH

25% of largest motor

581.8 A at 480V-3PH

11.61346 A at 480V-3PH

56.55296 A at 480V-3PH

59.96098 A at 480V-3PH

25% of largest motor

2920.49 A at 480V-3PH

25% of largest motor

25% of largest motor

25% of largest motor

25% of largest motor

25% of largest motor

25% of largest motor

10987654321

H

G

F

E

D

C

B

A

10987654321

UNITED STATES OLYMPIC MUSEUM

FIRE ALARM SYSTEM

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE CONSTRUCTION OF A NEW U.S. OLYMPIC MUSEUM IN COLORADO SPRINGS, COLORADO. THE FIRE ALARM SYSTEM WILL PROVIDE A CODE COMPLIANT DETECTION AND NOTIFICATION SYSTEM FOR THE BUILDING. THE NEW SYSTEM WILL INCLUDE AN EMERGENCY VOICE/ALARM COMMUNICATION SYSTEM (EVACS). THE SYSTEM WILL ALSO INTERFACE WITH AN ATRIUM SMOKE CONTROL SYSTEM

THE NEW FIRE ALARM CONTROL PANEL WILL BE INSTALLED IN A FIRE COMMAND ROOM LOCATED ON NEAR THE MAIN ENTRANCE, SUBJECT TO APPROVAL BY THE COLORADO SPRINGS FIRE DEPARTMENT. SPEAKER/STROBE DEVICES WILL BE USED FOR OCCUPANT NOTIFICATION. THE FIRE ALARM SYSTEM WILL BE ADDRESSABLE AND CAPABLE OF AUTOMATICALLY TESTING THE SENSITIVITY OF THE SMOKE DETECTORS. ALL FIRE ALARM DEVICES WILL BE NEW AND ALL COMPONENTS OF THE EXISTING FIRE ALARM SYSTEM WILL BE REMOVED, EXCEPT WHERE SPECIFICALLY NOTED.

APPLICABLE CODES AND STANDARDS

APPLICABLE CODES AND STANDARDS INCLUDE THE FOLLOWING:

- INTERNATIONAL BUILDING CODE (IBC), 2009 EDITION AS ADOPTED AND AMENDED BY THE PIKES PEAK REGIONAL BUILDING DEPARTMENT
- INTERNATIONAL MECHANICAL CODE (IMC), 2009 EDITION AS ADOPTED BY THE PIKES PEAK REGIONAL BUILDING DEPARTMENT
- INTERNATIONAL FIRE CODE (IFC), 2009 EDITION AS ADOPTED AND AMENDED BY THE COLORADO SPRINGS FIRE DEPARTMENT
- NFPA 70, NATIONAL ELECTRIC CODE, 2011 EDITION AS ADOPTED BY THE PIKES PEAK REGIONAL BUILDING DEPARTMENT
- NFPA 72, NATIONAL FIRE ALARM AND SIGNALING CODE, 2013 EDITION AS ADOPTED BY THE COLORADO SPRINGS FIRE DEPARTMENT
- ASME A17.1 SAFETY CODE FOR ELEVATORS AND ESCALATORS, 2007 EDITION AS ADOPTED BY THE PIKES PEAK REGIONAL BUILDING DEPARTMENT

CODE REVIEW

THE U.S. OLYMPIC MUSEUM IS A THREE-STORY BUILDING WITH A TOTAL GROSS BUILDING AREA OF APPROXIMATELY XXX SQ FT. THE BUILDING INCLUDES EXHIBITIONS SPACES, A THEATER, DINING AREAS, OFFICE AND CONFERENCE SPACES, AND SUPPORTING FUNCTIONS.

FIRE SUPPRESSION SYSTEMS

THE BUILDING IS FULLY PROTECTED WITH AN AUTOMATIC SPRINKLER SYSTEM, AND A MANUAL WET STANDPIPE SYSTEM. THE FIRE ALARM SYSTEM MONITORS THE SPRINKLER SYSTEM FOR WATERFLOW AND TAMPER CONDITIONS.

FIRE DETECTION AND ALARM SYSTEMS

PER IBC SECTION 907.2.1, A MANUAL FIRE ALARM SYSTEM THAT ACTIVATES AN EMERGENCY VOICE/ALARM COMMUNICATION SYSTEM IS REQUIRED THROUGHOUT THE BUILDING BECAUSE THE COMBINED OCCUPANT LOAD FOR ALL FLOORS EXCEEDS 1,000 PEOPLE.

EMERGENCY VOICE/ALARM COMMUNICATION SYSTEMS

PER IBC SECTION 907.5.2.2, EMERGENCY VOICE/ALARM COMMUNICATION SYSTEMS (EVACS) ARE REQUIRED TO BE DESIGNED AND INSTALLED IN ACCORDANCE WITH NFPA 72 AND HAVE THE FOLLOWING FEATURES:

- OPERATION OF ANY MANUAL FIRE ALARM BOX, AUTOMATIC FIRE DETECTOR, OR WATERFLOW DEVICE AUTOMATICALLY SOUNDS AN ALERT TONE FOLLOWED BY VOICE INSTRUCTIONS GIVING APPROVED INFORMATION AND DIRECTIONS FOR A GENERAL OR STAGED EVACUATION.
- SPEAKERS ARE TO BE PROVIDED THROUGHOUT THE BUILDING AND DIVIDED INTO PAGING ZONES. AT A MINIMUM, THE FOLLOWING PAGING ZONES ARE REQUIRED:
 - ELEVATOR GROUPS
 - EXIT STAIRWAYS
 - EACH FLOOR
 - AREAS OF REFUGE AS DEFINED IN IBC SECTION 1002.1
- A MANUAL OVERRIDE FOR EMERGENCY VOICE COMMUNICATION PROVIDED ON A SELECTIVE AND ALL-CALL BASIS FOR ALL PAGING ZONES.
- CAPABLE OF DELIVERING LIVE VOICE MESSAGES ON A SELECTIVE AND ALL-CALL BASIS FOR ALL PAGING ZONES.
- MAY BE USED FOR NON-FIRE ALARM ANNOUNCEMENTS, PROVIDED THE MANUAL FIRE ALARM TAKES PRECEDENCE OVER ANY USE.
- PROVIDED WITH AN APPROVED EMERGENCY POWER SOURCE.

MANUAL FIRE ALARM BOXES

A SINGLE MANUAL FIRE ALARM BOX WILL BE PROVIDED AT THE FIRE ALARM CONTROL PANEL LOCATION. THE OPERABLE PART OF FIRE ALARM BOXES ARE TO BE MOUNTED AT 42 TO 48 INCHES ABOVE THE FINISHED FLOOR.

AUTOMATIC SMOKE/HEAT DETECTION

BECAUSE THE ATRIUM SPACE COVERS SUCH A LARGE PORTION OF THE BUILDING, ALL PORTIONS OF THE BUILDING EXCEPT FOR THE BASEMENT WILL BE PROVIDED WITH FULL COVERAGE SMOKE DETECTION. SPECIFIC AREAS OF THE BASEMENT THAT WILL ADDITIONALLY REQUIRE DETECTION INCLUDE:

- ANY AUXILIARY CONTROL PANEL OR NOTIFICATION POWER SUPPLIES
- RELEASE OF MAGNETIC DOOR HOLDERS AT FIRE-RATED ASSEMBLIES
- ELECTRICAL AND TELECOMMUNICATION/DATA ROOMS
- ELEVATOR LOBBIES AND MACHINE ROOMS FOR RECALL FUNCTION
- ELEVATOR SHUNT TRIP – HEAT DETECTORS WILL BE PROVIDED IN ELEVATOR EQUIPMENT ROOMS TO INITIATE SHUNT TRIP PRIOR TO SPRINKLER SYSTEM ACTIVATION.

NOTIFICATION

PER IBC SECTION 907.5, A FIRE ALARM SYSTEM IS REQUIRED TO ANNUNCIATE AT THE FIRE ALARM CONTROL UNIT AND INITIATE OCCUPANT NOTIFICATION UPON ACTIVATION BY ONE OF THE FOLLOWING:

- AUTOMATIC FIRE DETECTORS
- SPRINKLER WATERFLOW DEVICES
- MANUAL FIRE ALARM BOXES
- AUTOMATIC FIRE-EXTINGUISHING SYSTEMS

WIRING

FIRE ALARM SYSTEM AND COMMUNICATIONS WIRING SHALL COMPLY WITH PROVISIONS OF NFPA 72 AND NFPA 70 (NEC).

POWER

PROVIDE PRIMARY AND BACKUP POWER IN ACCORDANCE WITH NFPA 72.

ATRIUM SMOKE CONTROL

DESCRIPTION

THE BUILDING INCLUDES A THREE STORY VERTICAL OPENING FROM LEVEL 1 GROUND TO LEVEL 3 THAT WILL BE PROTECTED WITH AN EXHAUST TYPE MECHANICALLY DRIVEN SMOKE CONTROL SYSTEM. THE SMOKE CONTROL SYSTEM IS DESIGNED TO MAINTAIN THE SMOKE LAYER AT LEAST 6 FT ABOVE THE HIGHEST OCCUPIED LEVEL OPEN TO THE ATRIUM.

ACTIVATION

THE ATRIUM SMOKE CONTROL SYSTEM IS ACTIVATED BY SPOT-TYPE SMOKE DETECTORS LOCATED WITHIN THE ATRIUM AND ADJACENT SPACES AND BY SPRINKLER WATER-FLOW SWITCHES SERVING PORTIONS OF THE BUILDING CONTAINING THE ATRIUM. THE SMOKE CONTROL SYSTEM IS NOT TO BE ACTIVATED BY MANUAL FIRE ALARM BOXES OF ANY KIND. MANUAL ACTIVATION IS PROVIDED BY THE FIREFIGHTER’S SMOKE CONTROL PANEL (SEE BELOW).

FIREFIGHTERS SMOKE CONTROL PANEL

A GRAPHIC FIREFIGHTER’S SMOKE CONTROL PANEL IS LOCATED WITHIN THE FIRE COMMAND ROOM ADJACENT TO THE MAIN ENTRANCE. THE GRAPHIC PANEL PROVIDES MANUAL AND OVERRIDE CONTROL OF ALL SMOKE CONTROL FUNCTIONS AND SHALL HAVE THE HIGHEST PRIORITY OF ANY SIGNALS IN THE SMOKE CONTROL SYSTEM. THE FINAL DESIGN OF THE GRAPHIC PANEL WILL BE APPROVED BY THE COLORADO SPRINGS FIRE DEPARTMENT.

THE FIRE ALARM CONTRACTOR SHALL INCLUDE THE GRAPHIC PANEL DESIGN WITHIN THEIR SHOP DRAWINGS.

CONTROLS

ALL CONTROL EQUIPMENT SERVING THE SMOKE CONTROL SYSTEM INCLUDING CONTROL UNITS AND VARIABLE FREQUENCY DRIVES (IF USED) SHALL BE UUKL LISTED AND MEET THE PROVISIONS OF UL 864.

MECHANICAL/BUILDING EQUIPMENT

MECHANICAL FANS MAY OR MAY NOT BE DEDICATED TO THE ATRIUM SMOKE CONTROL FUNCTION. FANS USED FOR SMOKE CONTROL FUNCTIONS SHALL BE MONITORED BY THE FIRE ALARM SYSTEM FOR VOLUMETRIC FLOW AND PRESENCE OF POWER DOWNSTREAM OF ALL DISCONNECTS.

DAMPERS REQUIRED FOR THE EFFECTIVE OPERATION OF THE SMOKE CONTROL SYSTEM SHALL BE CONTROLLED BY THE FIRE ALARM SYSTEM TO THE APPROPRIATE POSITION DURING SMOKE CONTROL FUNCTION AND SHALL BE PROVIDED WITH END SWITCHES MONITORED BY THE FIRE ALARM SYSTEM FOR CORRECT POSITION. ONLY THE DAMPER POSITION REQUIRED DURING SMOKE CONTROL MODE SHALL BE MONITORED.

DOORS REQUIRED FOR THE EFFECTIVE OPERATION OF THE SMOKE CONTROL SYSTEM SHALL BE PROVIDED WITH CONTACT SWITCHES MONITORED BY THE FIRE ALARM SYSTEM FOR CORRECT POSITION.

ELECTRICAL/WIRING

ALL WIRING SERVING THE SMOKE CONTROL SYSTEM, REGARDLESS OF VOLTAGE, SHALL BE FULLY ENCLOSED IN CONTINUOUS RACEWAYS.

ALL EQUIPMENT SERVING THE SMOKE CONTROL SYSTEM SHALL BE PROVIDED WITH PRIMARY AND STANDBY POWER. REFER TO ELECTRICAL DRAWINGS.

INDEX OF DRAWINGS

DRAWING NO.	DRAWING TITLE
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FA-002	PROJECT DETAILS & SEQUENCE OF OPERATIONS
FA-003	FIRE ALARM LEGEND, RISER DIAGRAM & DETAILS
FA-100	BASEMENT LEVEL
FA-101	LEVEL 1 GROUND FIRE ALARM
FA-101A	LEVEL 1 MEZZANINE FIRE ALARM
FA-102	LEVEL 2 FIRE ALARM
FA-103	LEVEL 3 FIRE ALARM
FA-104	ROOF LEVEL

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FIRE ALARM AND SPRINKLER, ATRIUM FIRE SMOKE

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FIRE ALARM GENERAL NOTES

DRAWING NO.

FA-001

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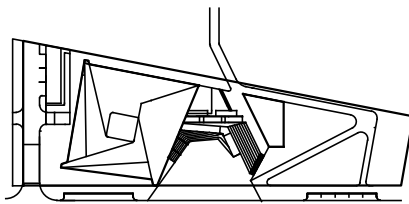
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TITLE
FIRE ALARM LEGEND, RISER DIAGRAM
& DETAILS

DRAWING NO.
FA-003

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FIRE ALARM CONTROL PANEL SYMBOLS

SYMBOL	DESCRIPTION
	FIRE ALARM CONTROL PANEL
	FIRE ALARM ANNUNCIATOR
	FIREFIGHTER'S SMOKE CONTROL PANEL (GRAPHIC)
	NOTIFICATION CIRCUIT POWER BOOSTER PANEL

FIRE ALARM INDICATING DEVICE SYMBOLS

SYMBOL	DESCRIPTION
	CEILING MOUNTED STROBE, CD = CANDELA RATING
	WALL MOUNTED STROBE, CD = CANDELA RATING
	COMBINATION HORN & STROBE, CD = CANDELA RATING
	COMBINATION SPEAKER & STROBE, W = MIN. WATTAGE, CD = CANDELA RATING
	SPEAKER - CEILING MOUNTED, W = MIN. WATTAGE
	SPEAKER - WALL MOUNTED, W = MIN. WATTAGE

FIRE ALARM EQUIPMENT SYMBOLS

SYMBOL	DESCRIPTION
	MAGNETIC DOOR HOLDER
	REMOTE ALARM INDICATING AND TEST SWITCH
	RELAY
	ADDRESSABLE INPUT MODULE
	ADDRESSABLE OUTPUT MODULE

FIRE ALARM INITIATING DEVICE SYMBOLS

SYMBOL	DESCRIPTION
	MANUAL PULL STATION
	HEAT DETECTOR
	FIXED TEMPERATURE HEAT DETECTOR
	RATE OF RISE HEAT DETECTOR
	PHOTOELECTRIC SMOKE DETECTOR, WM=WALL-MOUNTED
	DUCT-MOUNTED SMOKE DETECTOR
	WATER FLOW SWITCH
	PRESSURE DETECTOR/SWITCH
	VALVE SUPERVISORY SWITCH

ANNOTATION SYMBOLS

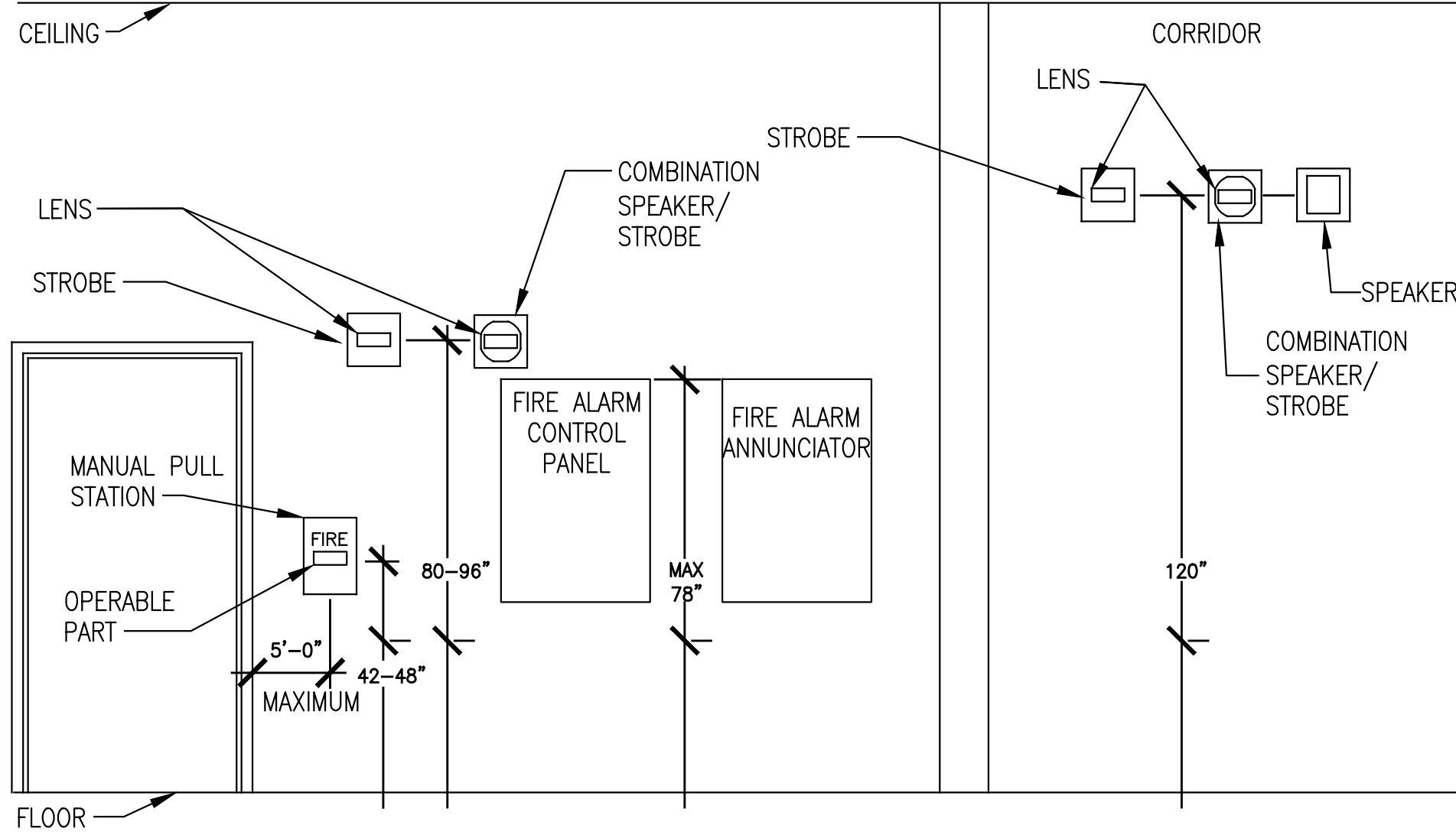
	WEATHER PROOF
	END OF LINE RESISTOR

1 FIRE ALARM SYSTEM RISER DIAGRAM

SCALE: NOT TO SCALE

2 TYPICAL MOUNTING HEIGHTS FOR WALL-MOUNTED DEVICES

SCALE: NOT TO SCALE



MOUNTING HEIGHT NOTES:

NOTIFICATION DEVICES MOUNTED IN CORRIDORS WILL MOUNTED AT 120" ABOVE FINISHED FLOOR FOR CONSISTENCY WITH AND REUSE OF EXISTING DEVICE LOCATIONS. VISUAL NOTIFICATION DEVICE SPACING HAS BEEN CALCULATED IN ACCORDANCE WITH NFPA 72 SECTION 18.5.5.6 PERFORMANCE-BASED ALTERNATIVE. REFER TO TABLE BELOW.

SPACING FOR WALL-MOUNTED STROBES LOCATED 115-125" ABOVE FINISHED FLOOR	
MAXIMUM ROOM SIZE	MINIMUM LIGHT OUTPUT
NOT PERMITTED	15 CD
NOT PERMITTED	30 CD
34 X 34 FT	60 CD
38 X 38 FT	75 CD
43 X 43 FT	95 CD
46 X 46 FT	110 CD
51 X 51 FT	135 CD
60 X 60 FT	185 CD

UNITED STATES OLYMPIC MUSEUM

FIRE SPRINKLER SYSTEM

GENERAL DESCRIPTION OF SPRINKLER WORK:

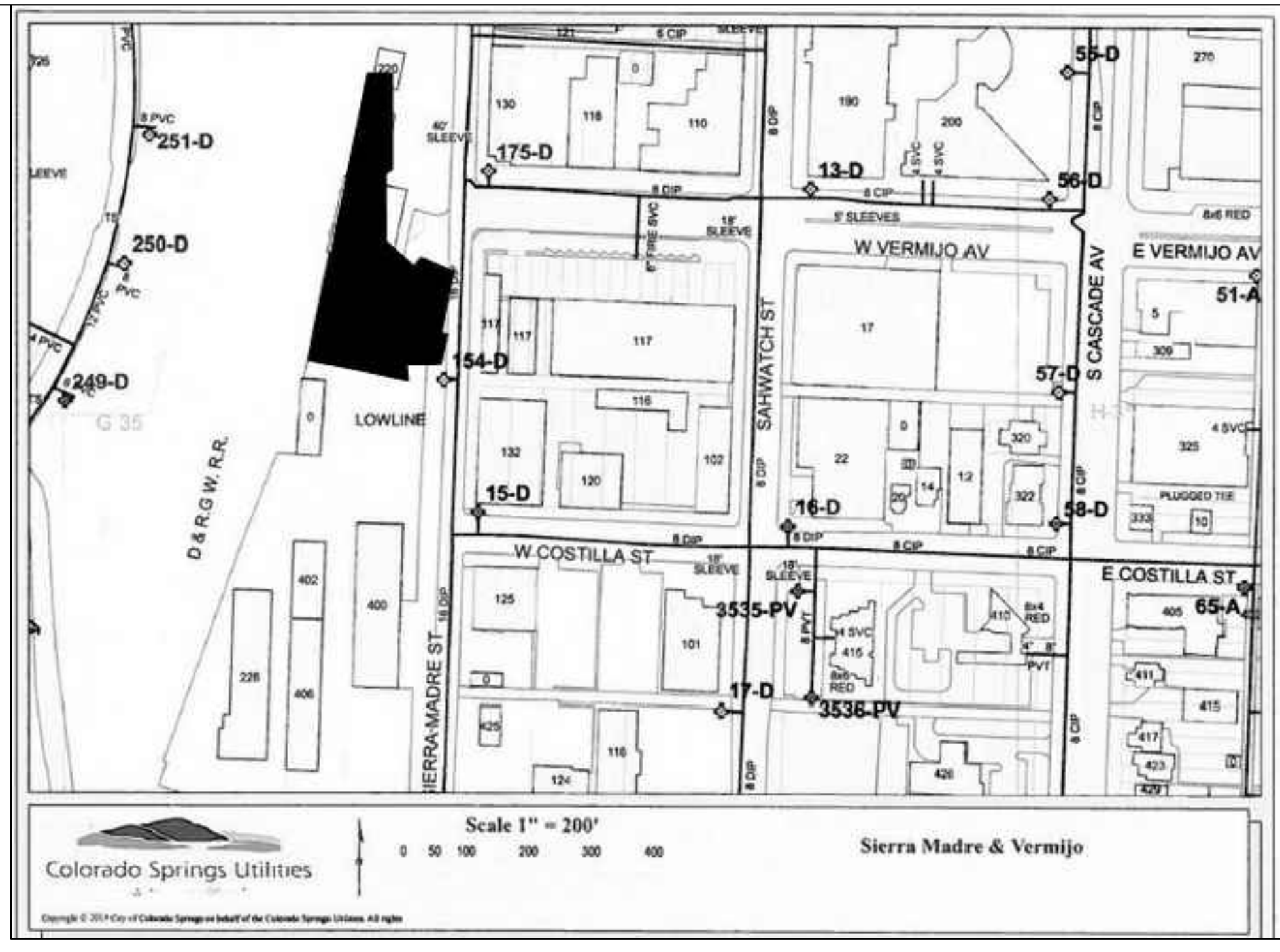
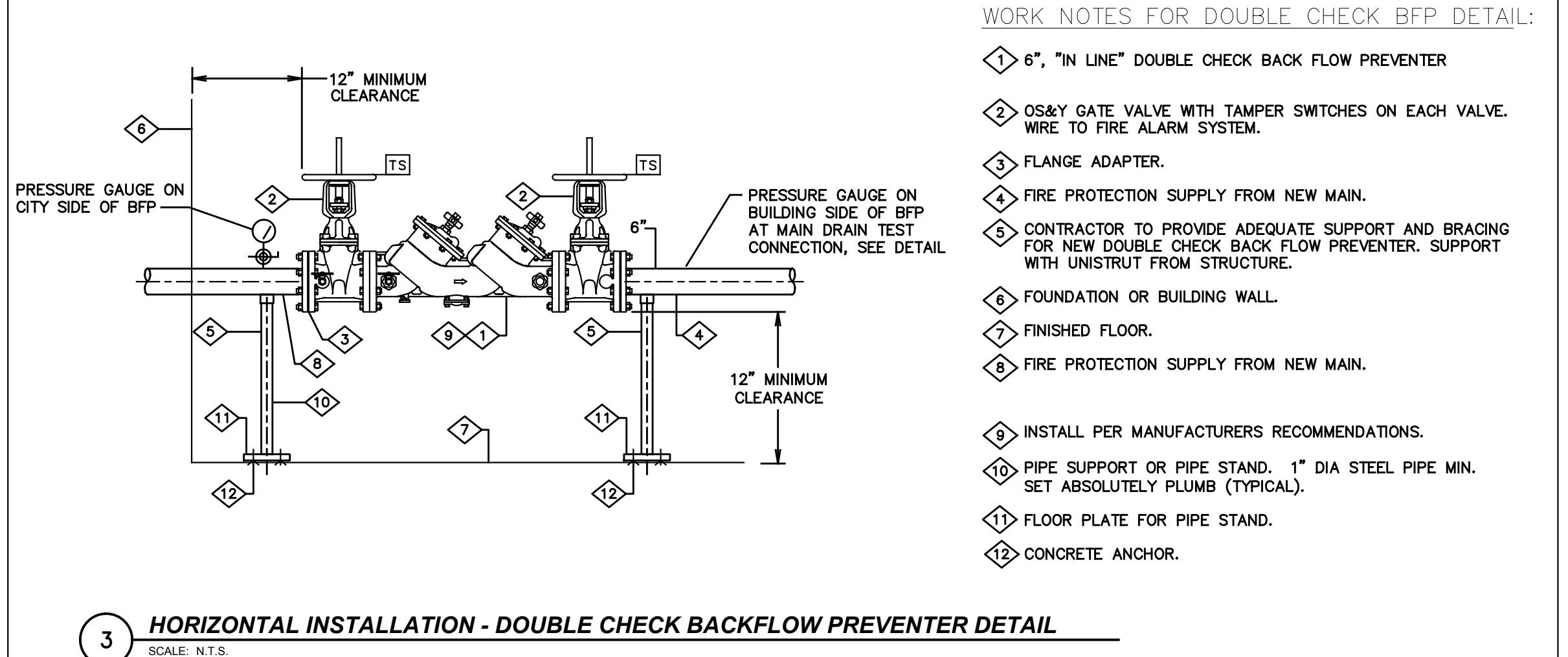
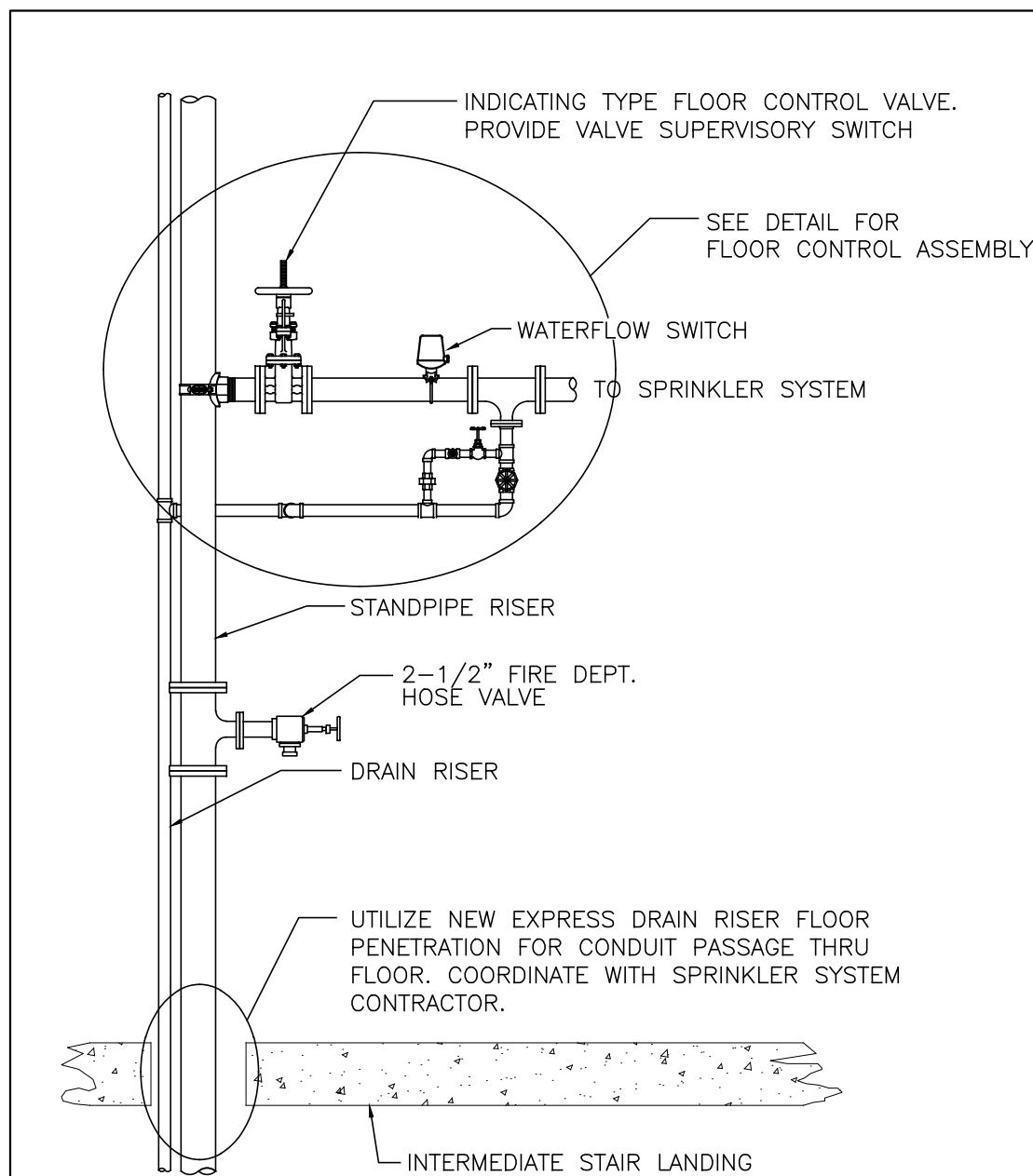
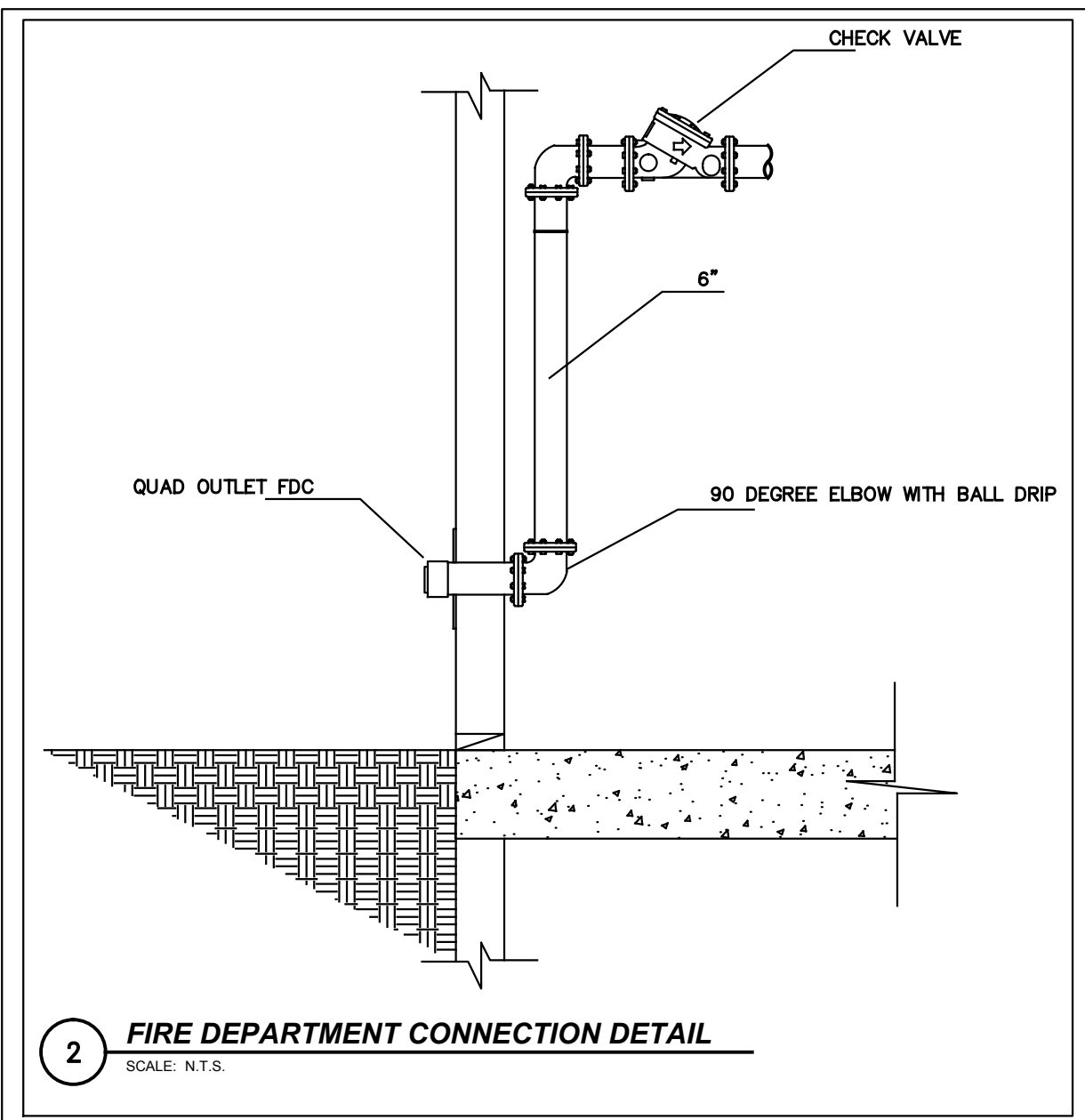
- The installing contractor shall furnish and install all necessary equipment to provide an automatic fire sprinkler system within the United States Olympic Museum Building located in Colorado Springs, Colorado.

GENERAL SPRINKLER NOTES:

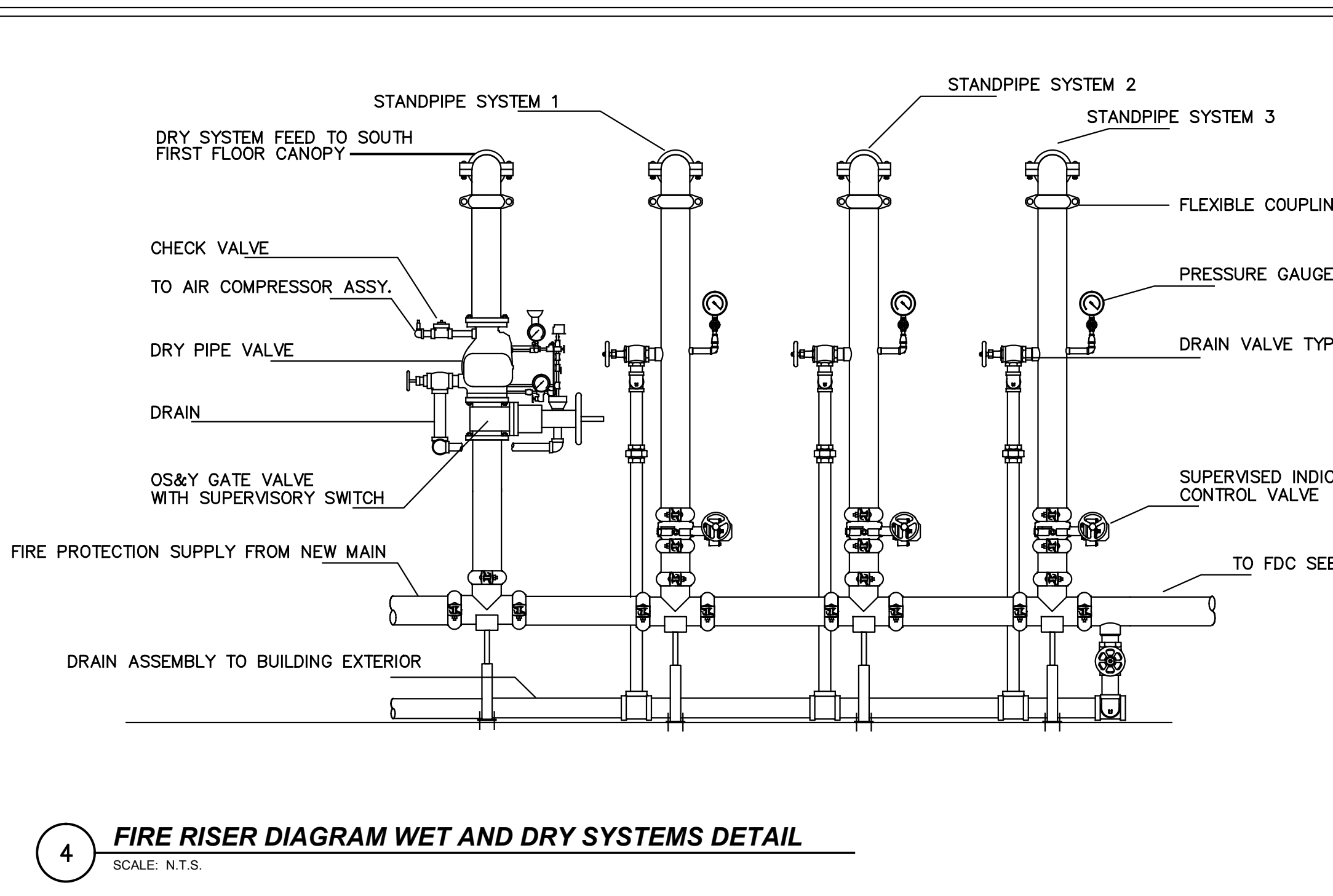
- All materials and equipment shall be new.
- Core drill penetrations in concrete floors or walls 1-2 inches larger than the pipe diameter of the penetrating pipe. Pipe penetrations through gypsum wall partitions shall be cut 1 inch larger than the pipe diameter of the penetrating pipe. Contractor to X-ray floor or wall (or use ground penetrating radar) prior to making any core drills to verify the locations of rebar or other materials. All core drilling shall be coordinated with Contractor.
- All penetrations through fire rated barriers shall be protected with a classified through penetration firestop system. Fire barriers are anticipated to include floor assemblies, exit enclosure assemblies and shaft enclosure assemblies.
- All automatic sprinkler system installation work to be fully coordinated with the existing utilities and work of other trades involved in this project. No fabrication or installation is allowed without approval.
- Where pipe is hung below a plaster ceiling or double ceiling, pipe hangers shall penetrate through the ceiling and be attached to the building structure above.

SPRINKLER SYSTEM DESIGN NOTES:

- Design and install the automatic sprinkler system to meet the requirements of the following codes and standards:
 - Pikes Peak Regional Building Code, 2011 Edition
 - NFPA 13, Standard for the Installation of Sprinkler Systems, 2013 Edition
 - IFC 2009 Automatic Fire Sprinkler Systems Information Packet, Colorado Springs Fire Department, March 2013
- Light hazard areas shall include, but are not limited to, common use areas, offices, waiting areas and restrooms. Ordinary Hazard Group 1 areas shall include, but are not limited to, IT rooms, housekeeping rooms, utility rooms and storage rooms. Ordinary Hazard 2 areas shall include mechanical rooms, electrical rooms, machine rooms, boiler rooms, water cool chiller rooms, and exterior loading docks.
- Contractor shall field verify dimensions and routing shown herein. Any discrepancy shall be identified to the design team prior to installation and fabrication.
- Total sprinkler system water supply demand is based on NFPA 13 for the hydraulically most demanding area. The area/density method is used for all areas of the building.
- Auxiliary drains are to be provided in accordance with the requirements of NFPA 13.
- Each component of the sprinkler system shall be listed as a product by the manufacturer under the appropriate category for the intended use by Underwriters Laboratories, Inc. (UL) and shall bear the "UL" label.
- Each component of the sprinkler systems shall be rated for a maximum working pressure, which exceeds the maximum system pressure at its intended location. All pipe shall be rated for a maximum system working pressure of 175 psi.
- Ordinary temperature sprinklers shall be installed throughout, except where otherwise required based on environmental conditions as identified in NFPA 13.
- In all areas with drop or tiled ceilings, sprinklers shall be located in the center of ceiling tile measured in both directions, unless otherwise noted herein.
- The contractor shall prepare and submit shop drawings, manufacturer's equipment data and hydraulic calculations for the combined sprinkler / standpipe systems. Drawings shall show all components required for working drawings in accordance with NFPA 13. All items of the submittal package shall be provided in one package. Partial submittals will be returned un-reviewed. Submittals shall be approved in writing by the Authority Having Jurisdiction and the Owner prior to starting any installation work.
- Contractor to coordinate location of all penetrations through concrete assemblies prior to making any core drills.
- Entire system shall be flushed and hydrostatically tested at 200 psi or 50 psi above maximum working pressure for a minimum of 2 hours as per NFPA 13.
- Refer to project specifications for additional requirements and information.
- The components of hanger assemblies that directly attach to the pipe or to the building shall be listed and approved.
- Where used, concealed cover plates are to be factory painted to match surroundings.
- Seismic bracing is not required for this project.
- Provide elevator hoistway sprinklers as required b NFPA 13 with the following exception: No sprinklers are to be provided at the top of the hoistway.
- Sprinklers shall be provided underneath obstructions such as HVAC ductwork and equipment in accordance with NFPA 13.
- Location of Fire Department Connection (TBD).



Colorado Springs Utilities <i>It's how we're all connected</i>	
Water Planning and Design	
2 Pages with Map	
Fire Flow Calculations	
Date of Calculation	May 8, 2015
WC#	N/A
Project Location	Sierra Madre & Vermijo
Requester Name	Sean Donohue, Jensen Hughes
FAX#	
Phone#	719-355-5290
Fire Hydrant Location	Hydrant 175-D @ Flange Elevation 5974 Hydrant 15-D @ Flange Elevation 5979 Hydrant 154-D @ Flange Elevation 5978
Map Sheet	G-35
Pressure Zone	Lowline
Flow @ 20 psi Residual	Hydrant 175-D : 2800 GPM (theoretical) Hydrant 15-D : 2700 GPM (theoretical) Hydrant 154-D : 2600 GPM (theoretical)
Overflow Elevation	6225
Static Pressure @ Max Day Demand	105, 102, 103 psi
Data File	Jensen-sierramadre .doc.apr2013.dwg
Per Colorado Springs Fire Department, the calculations provided are acceptable up to 1 year from above date.	



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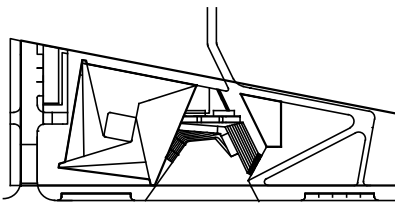
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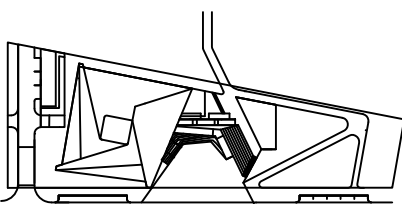
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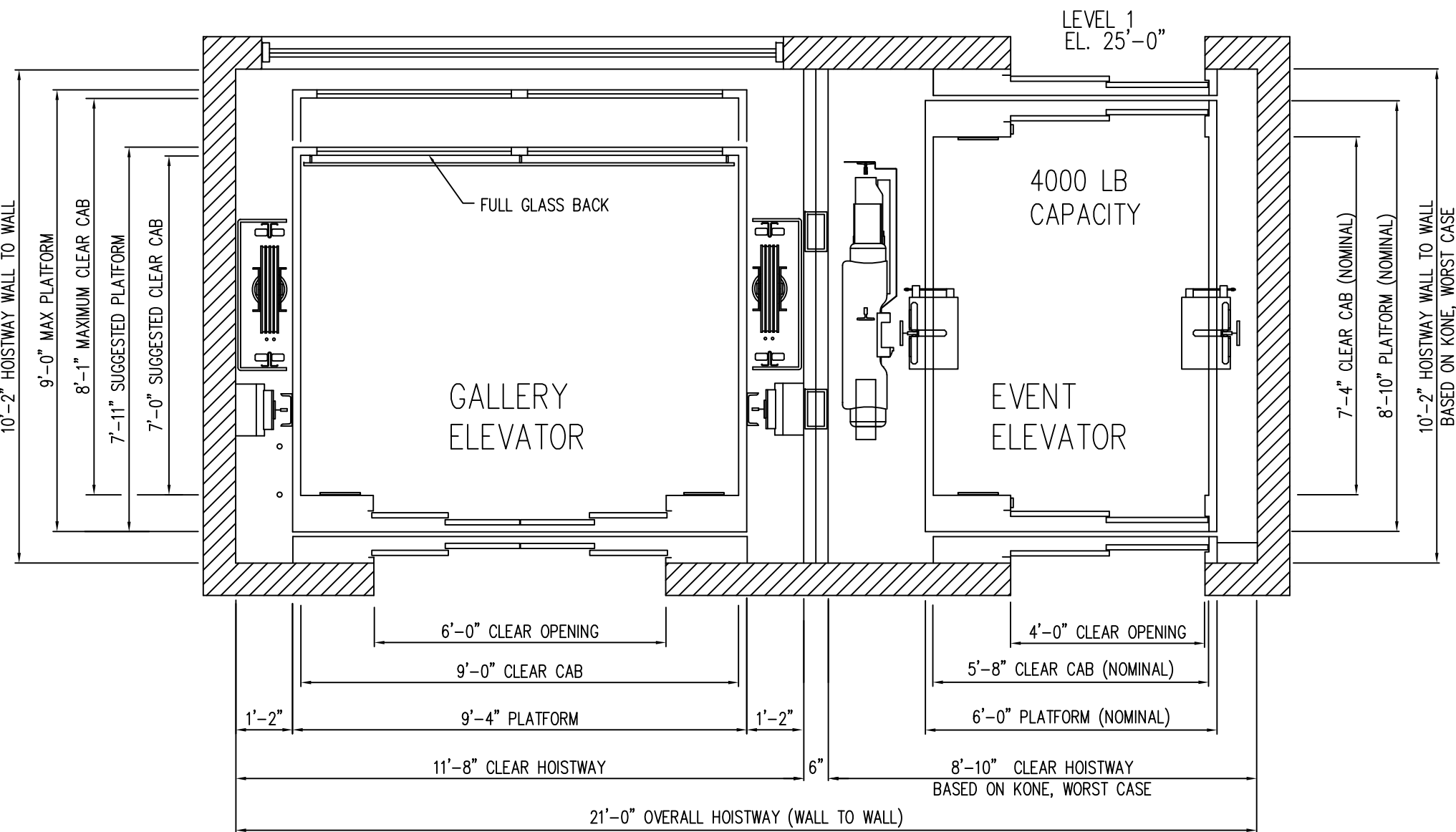
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GALLERY & EVENT ELEVATORS

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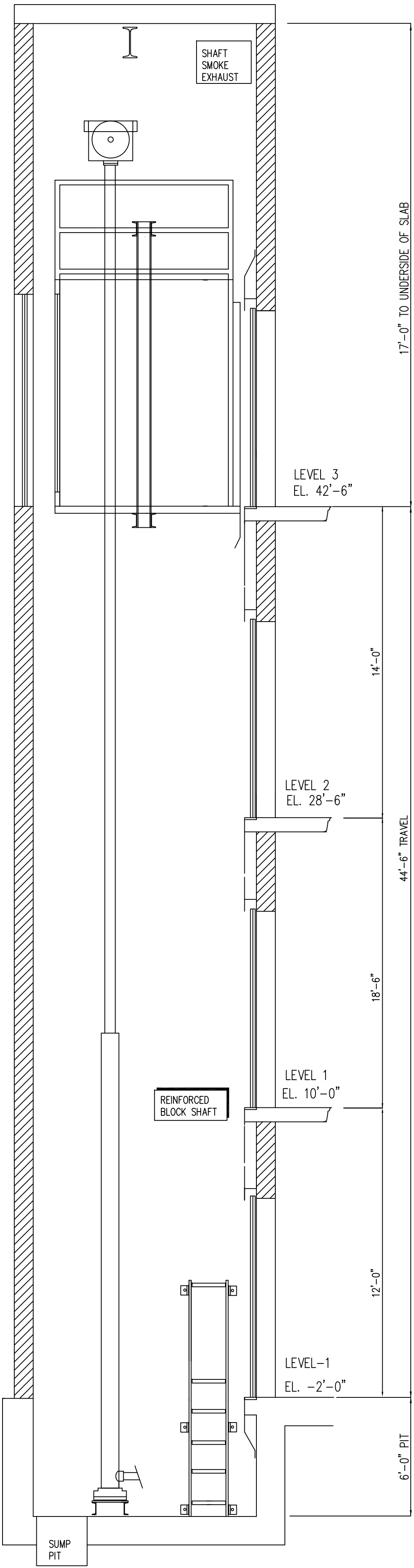
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BREIF SPECIFICATIONS	
IDENTIFICATION	GALLERY ELEVATOR
TYPE	PASSENGER- DUAL ROPED HOLELESS HYDRAULIC
CAPACITY	7,000#
SPEED	150 FPM
TRAVEL	44'-6"
FLOORS SERVED / STOPS	4 OPENINGS # -1, 1, 2, 3,
OPER. / CONTROL	SIMPLEX SELECTIVE COLLECTIVE
POWER UNIT	DRY TYPE, 120 STARTS PER HOUR W OIL COOLERS
HOIST MOTOR	100 HP (APPROXIMATE)
HOIST ROPES	(5- 5/8") EACH SIDE
GOVERNOR (CAR)	HOLLISTER WHITNEY OR APPROVED EQUAL
GOVERNOR ROPE	3/8"
CAR/CWT RAILS	18.5# MINIMUM
CAR SAFETY	HOLLISTER WHITNEY, FLEX OR APPROVED EQUAL
CAR BUFFERS	SPRING TYPE
CAR GUIDE SHOES	ROLLER OR FIXED - ELSCO
HWY ENTRANCE FRAMES	TWO SPEED CENTER OPENING
HANDS FREE TELE.	IN CAR STAT & MACHINE ROOM.
TOP OF CAR STATION	YES
CAR EMERGENCY LIGHTS	YES, IN CAR STATION
DOOR OPERATOR	GAL- MOVR
DOOR DETECTOR EDGE	INFRARED CURTAIN
CAR STATION	INTEGRAL SWING TYPE
HALL STATION	STAINLESS STEEL FIXTURES
CAR LANTERNS	SAND BLASTED PLEXIGLAS
LOBBY PANEL	CUSTOM (COMBINED FOR ALL ELEVATORS)
CAR FRAME	MINNESOTA, CANTON OR APPROVED EQUAL
PLATFORM	MINNESOTA, CANTON OR APPROVED EQUAL
CAB	TO BE DETERMINED (FULL GLASS BACK)
POWER SUPPLY	VERIFY (460 OR 208)

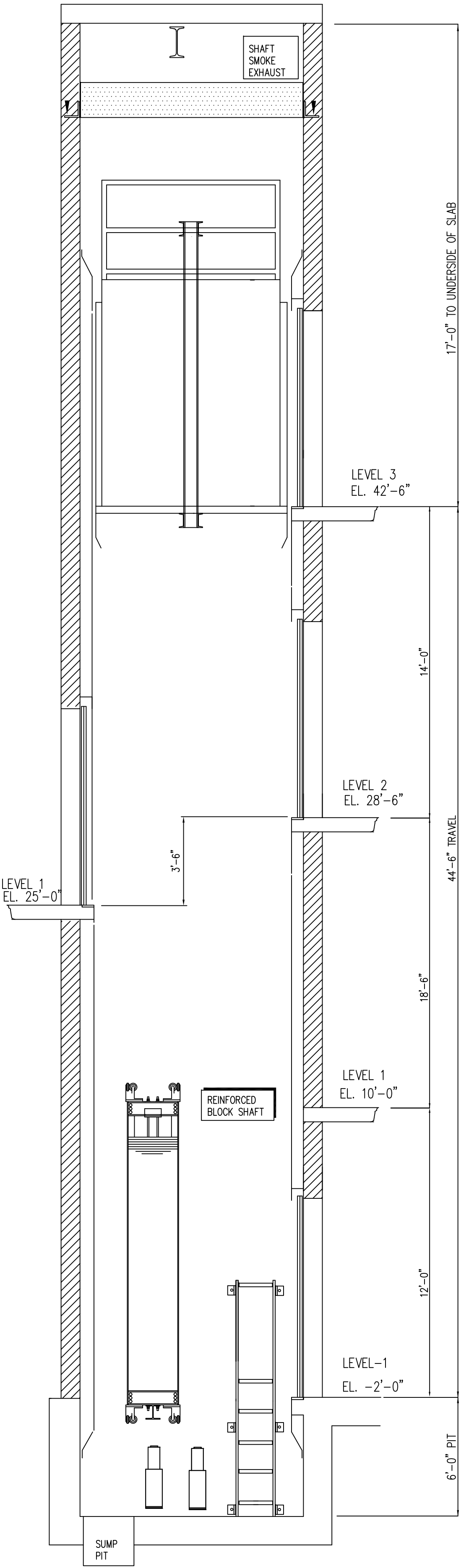
BREIF SPECIFICATIONS	
IDENTIFICATION	EVENT ELEVATOR
TYPE	PASSENGER
CAPACITY	4,000#
SPEED	200 FPM
TRAVEL	44'-6"
FLOORS SERVED / STOPS	5 OPENINGS, SEE SECTION (FRONT AND REAR)
OPER. / CONTROL	SIMPLEX SELECTIVE COLLECTIVE
MACHINE	GEARLESS MRL
HOIST MOTOR	25 HP APPROXIMATE
DRIVE	A.C. DRIVE
HOIST ROPES / COATED BELTS	PER MANUFACTURERS REQUIREMENTS
GOVERNOR (CAR)	MANUFACTURERS STANDARD (SELF RESSETTING)
GOVERNOR ROPE	3/8"
COMPENSATION	NOT REQUIRED
CAR/CWT RAILS	15# / 12#
CAR SAFETY	MANUFACTURERS STANDARD
CAR/CWT BUFFERS	SPRING TYPE, 5" STROKE
CAR GUIDE SHOES	ROLLER 6"
CWT GUIDE SHOES	ROLLER 3"
HWY ENTRANCE FRAMES	TWO SPEED SIDE OPENING
HANDS FREE TELE.	IN CAR STAT & MACHINE ROOM.
TOP OF CAR STATION	YES
CAR EMERGENCY LIGHTS	YES, IN CAR STATION
DOOR OPERATOR	GAL- MOVR OR APPROVED EQUAL
DOOR DETECTOR EDGE	INFRARED CURTAIN
CAR STATION	INTEGRAL SWING TYPE
HALL STATION	STAINLESS STEEL FIXTURES
CAR LANTERNS	SAND BLASTED PLEXIGLAS
LOBBY PANEL	CUSTOM (COMBINED FOR ALL ELEVATORS)
CAR FRAME	MANUFACTURERS STANDARD
PLATFORM	MANUFACTURERS STANDARD
CAB	TO BE DETERMINED - CUSTOM
POWER SUPPLY	VERIFY (460 OR 208)



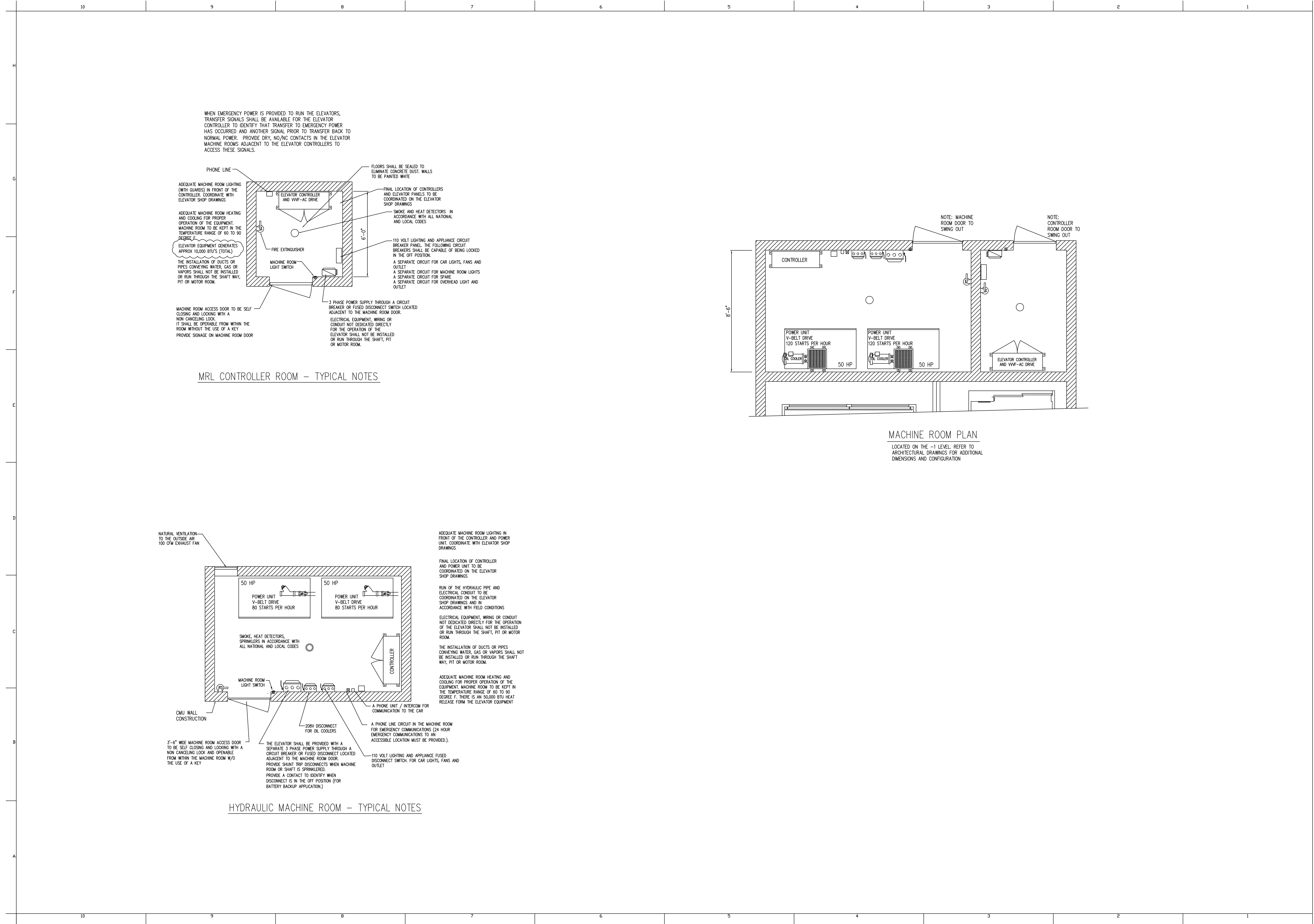
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SECTION - GALLERY ELEVATOR (NTS)



SECTION - EVENT ELEVATOR (NTS)



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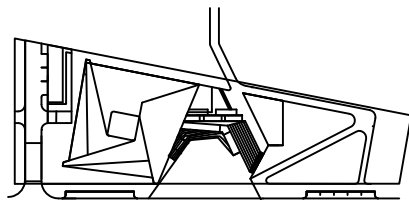
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SD 100%	07.10.2015

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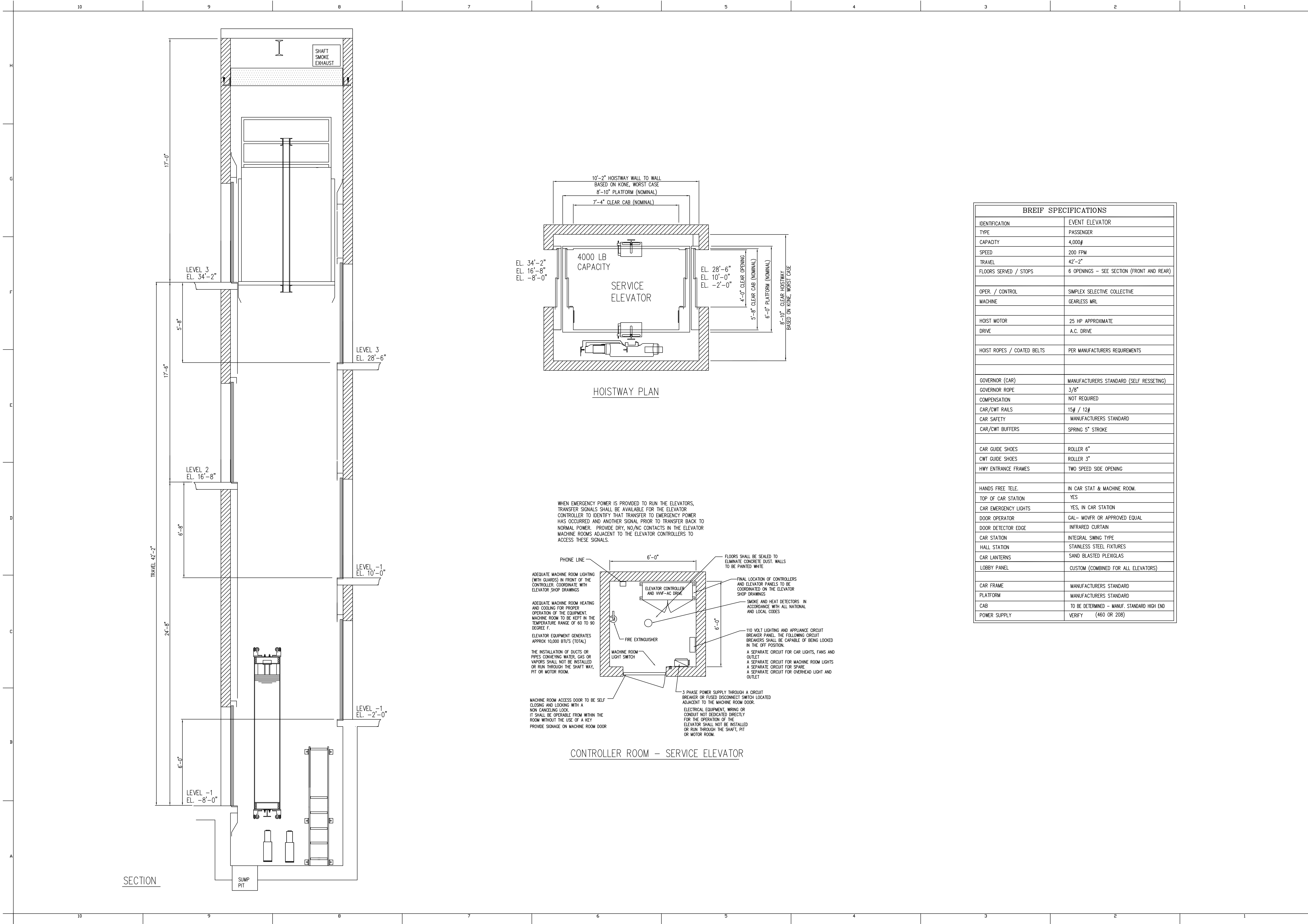
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TITLE
GALLERY & EVENT
ELEVATORS - EMR

DRAWING NO.

VT-101.00

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US OLYMPIC MUSEUM

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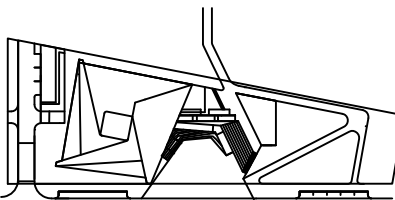
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KEY PLAN



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SD BACKGROUNDS 06.12.2015

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PROJECT NUMBER

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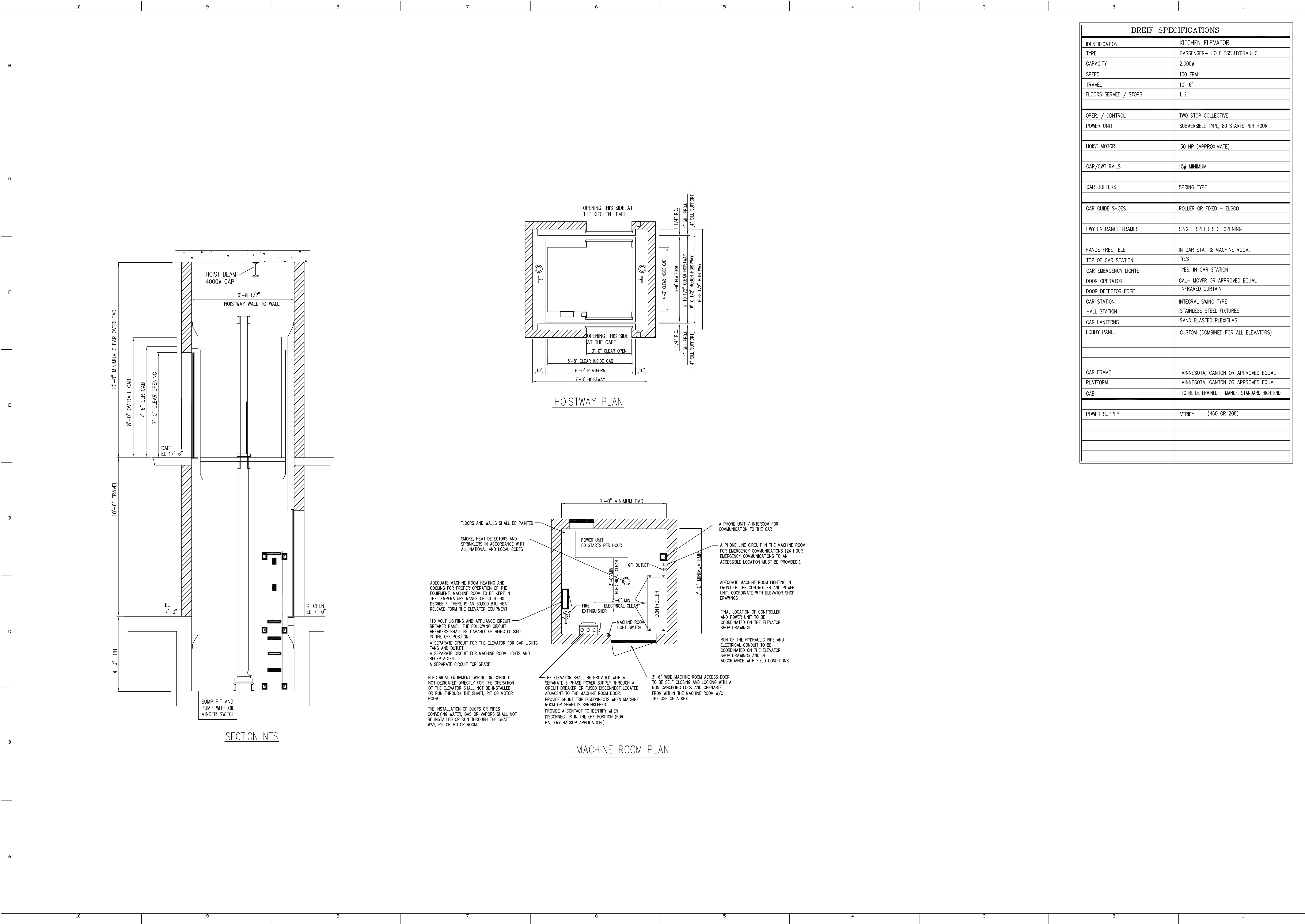
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SERVICE ELEVATOR

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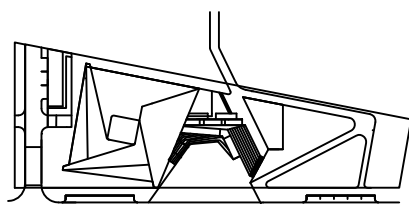
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TITLE

KITCHEN ELEVATOR

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