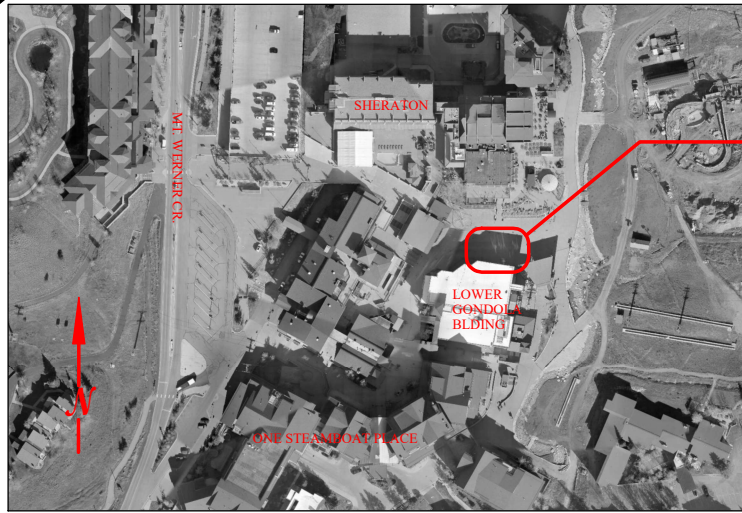


# RCRBD Record Set

ADA ticketing and gondola access will remain as is and accessed separately than this new ticketing and gondola entrance plan. No changes to ADA loading and ticketing are being done.



SITE OVER VIEW

PJ3547-1  
**Fire Prevention**  
In: 05/01/2019  
Out: 05/03/2019

PARCEL ID: 154900004

OWNER: STEAMBOAT SKI & RESORT

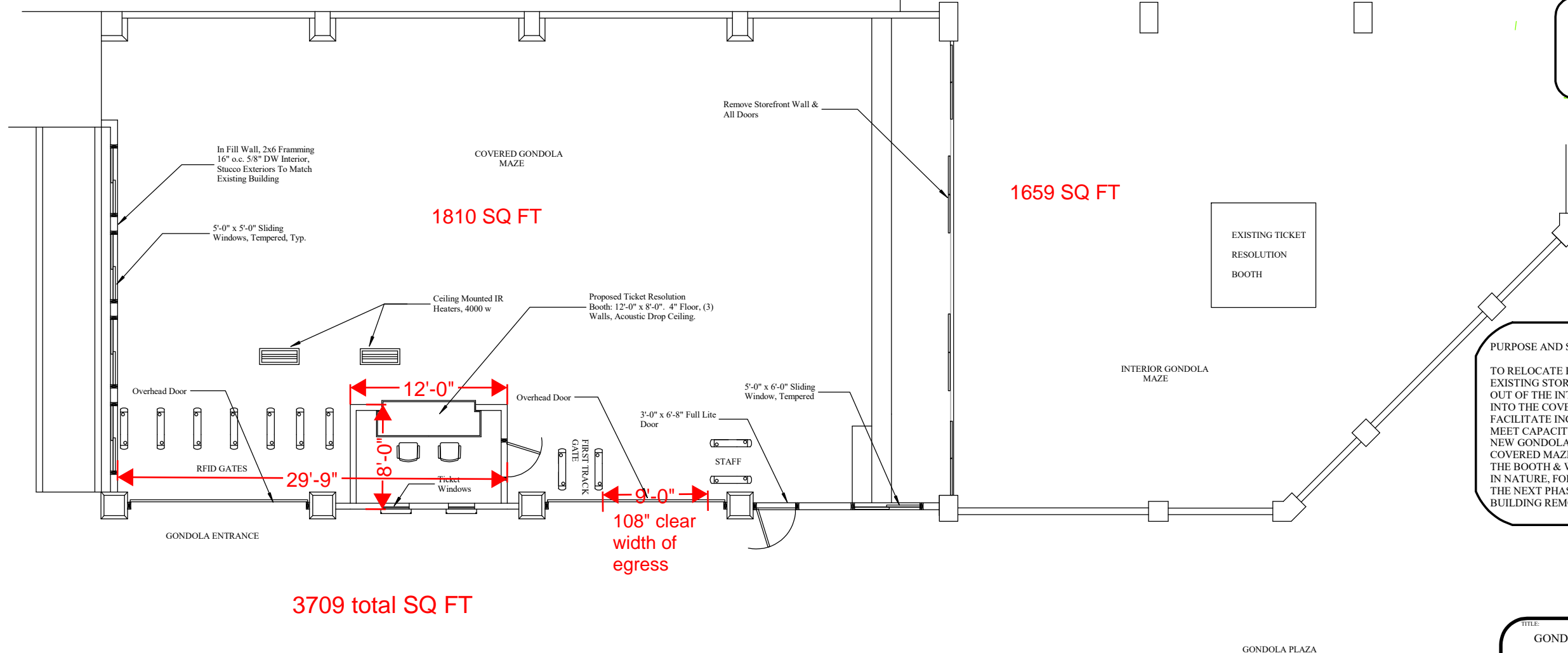
LEGAL DESCRIPTION: LOT D SKI HILL SUBDIVISION

Conditionally Approved – pending deferred submittal of Fire Alarm/Sprinkler plan/permits by sub-contractor to Fire Prevention. See [www.steamboatsprings.net](http://www.steamboatsprings.net)

- A-1: SITE PLAN
- A-2: ELEVATIONS
- S-1: STURCTURAL, CROSS SECTIONS & NOTES

APPLICABLE CODES:  
IBC 2015  
IECC 2015  
NEC 2017

Total Square Footage is 3469 / 5SQ FT per Occupant = 694 Occupants  
3 Exits required by 1006.2.1.1  
Total Width by 1005.3.2 = 140 Inches  
See exit plan sheet, exiting doors will remain in the same general location as existing layout, minus the ticket booth and RFID Gates.



**PURPOSE AND SCOPE:**  
TO RELOCATE RESOLUTION BOOTH & EXISTING STOREFRONT WALL W/ DOORS OUT OF THE INTERIOR MAZE AREA INTO THE COVERED MAZE TO FACILITATE INCREASED FLOW TO MEET CAPACITY DEMANDS OF THE NEW GONDOLA SKI LIFT. CLOSE IN THE COVERED MAZE TO MAINTAIN SECURITY. THE BOOTH & WALLS WOULD BE TEMPORARY IN NATURE, FOR REMOVAL DURING THE NEXT PHASE OF GONDOLA BUILDING REMODEL.

OCCUPANCY CLASSIFICATION: GROUP B  
CONSTRUCTION TYPE: V-A

SHEET: 1 of 3

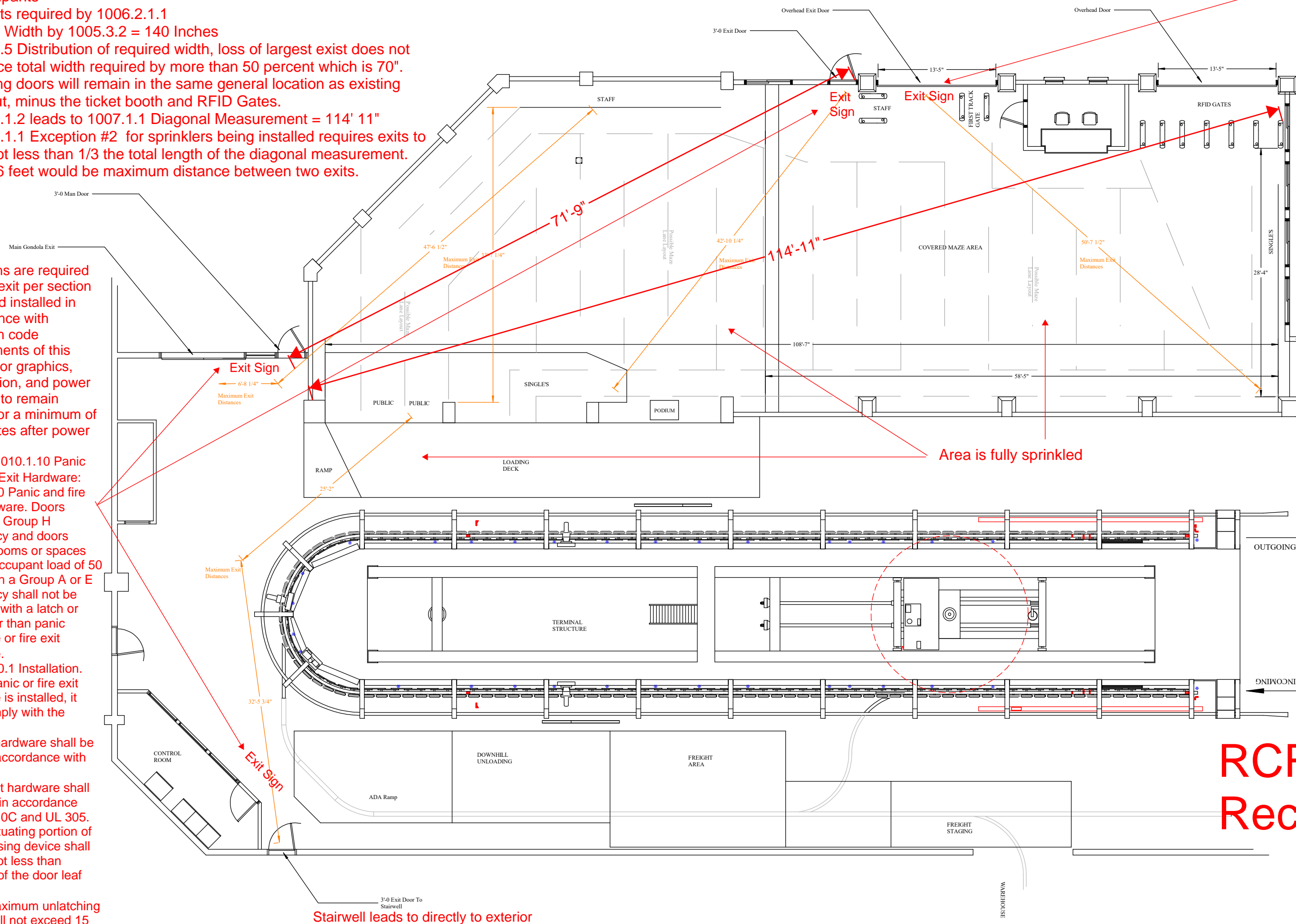
**A-1**

TITLE: GONDOLA MAZE CLOSE IN SITE	
SCALE: 1/4" = 1'	DESIGNED BY: VTS
TEXT: 1.000	DATE: FEB 2019
ARROW: 0.700	FILE: resolution2A1.tcw
OTHER: 0.250	REVISED DATE: APR 2019

Total Square Footage is 3469 / 5SQ FT per Occupant = 694 Occupants  
 3 Exits required by 1006.2.1.1  
 Total Width by 1005.3.2 = 140 Inches  
 1005.5 Distribution of required width, loss of largest exist does not reduce total width required by more than 50 percent which is 70". Exiting doors will remain in the same general location as existing layout, minus the ticket booth and RFID Gates.  
 1007.1.2 leads to 1007.1.1 Diagonal Measurement = 114' 11"  
 1007.1.1 Exception #2 for sprinklers being installed requires exits to be not less than 1/3 the total length of the diagonal measurement. 76.66 feet would be maximum distance between two exits.

Section 1010.1.4.4 security grilles  
 1010.1.4.4 Security grilles. In Groups B, F, M and S, horizontal sliding or vertical security grilles are permitted at the main exit and shall be openable from the inside without the use of a key or special knowledge or effort during periods that the space is occupied. The grilles shall remain secured in the full-open position during the period of occupancy by the general public. Where two or more means of egress are required, not more than one-half of the exits or exit access doorways shall be equipped with horizontal sliding or vertical security grilles.  
 NOTE: Owner/Operator responsible to ensure this security overhead door remains open at all times during business hours or hours of operation when general public is occupying this space.

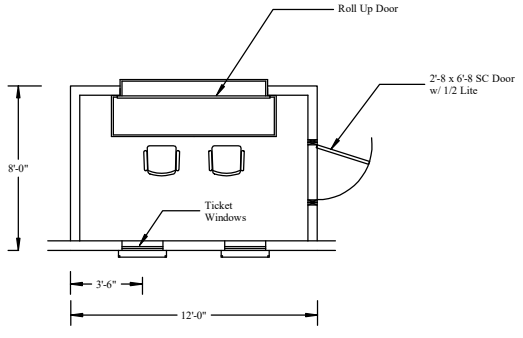
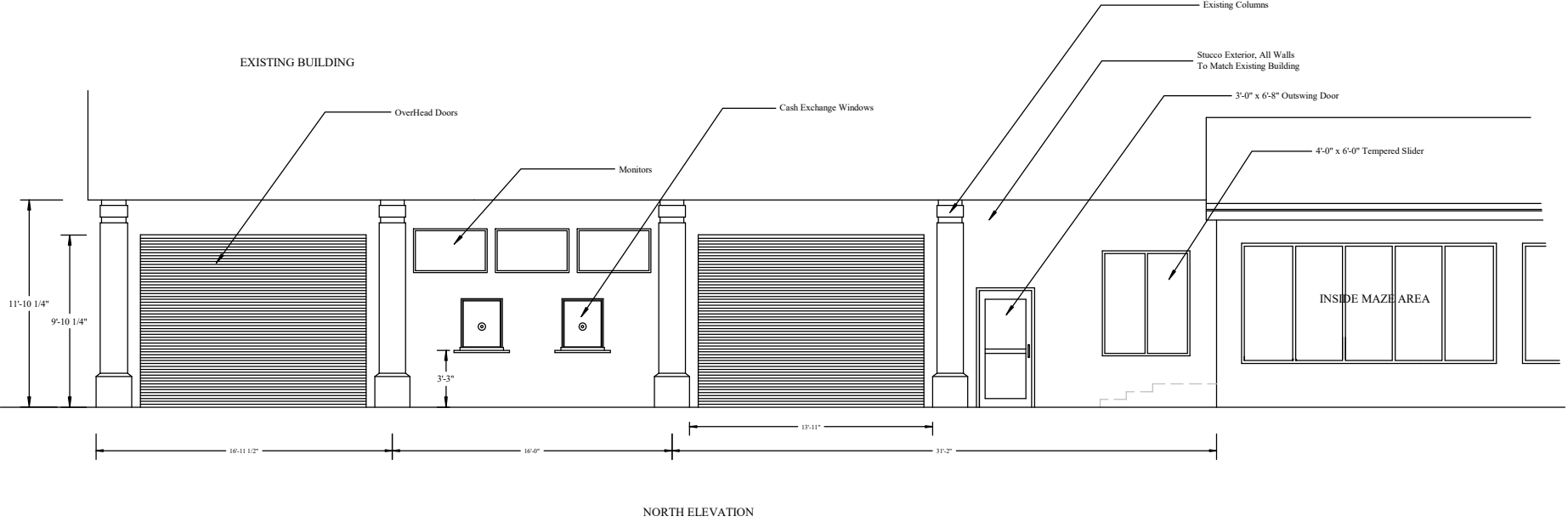
Exit Signs are required at each exit per section 1013 and installed in accordance with minimum code requirements of this section for graphics, illumination, and power sources to remain lighted for a minimum of 90 minutes after power loss.  
 Section 1010.1.10 Panic and Fire Exit Hardware: 1010.1.10 Panic and fire exit hardware. Doors serving a Group H occupancy and doors serving rooms or spaces with an occupant load of 50 or more in a Group A or E occupancy shall not be provided with a latch or lock other than panic hardware or fire exit hardware.  
 1010.1.10.1 Installation. Where panic or fire exit hardware is installed, it shall comply with the following:  
 1.Panic hardware shall be listed in accordance with UL 305.  
 2.Fire exit hardware shall be listed in accordance with UL 10C and UL 305.  
 3.The actuating portion of the releasing device shall extend not less than one-half of the door leaf width.  
 4.The maximum unlatching force shall not exceed 15 pounds (67 N).



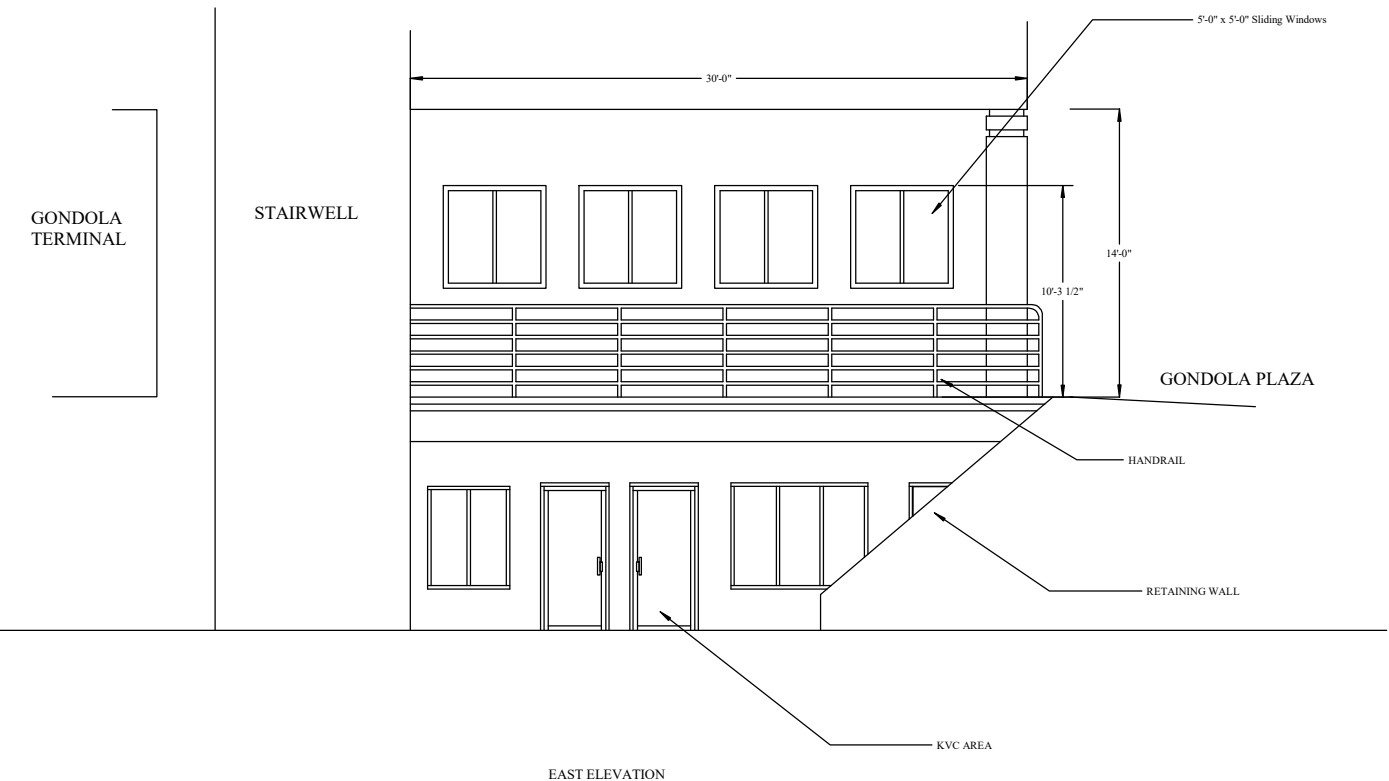
GONDOLA MAZE AREA EXIT PLAN & MAXIMUM DISTANCES

**RCRBD  
Record Set**

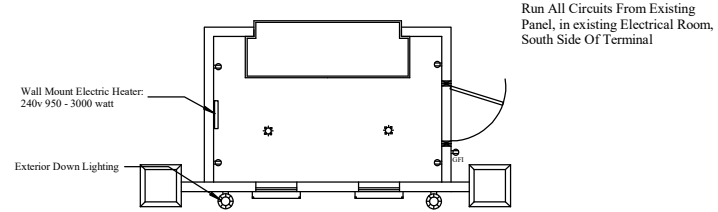
# RCRBD Record Set



RESOLUTION PLAN



EAST ELEVATION



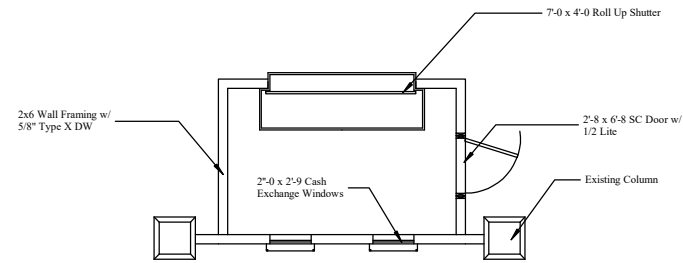
ELECTRICAL PLAN

SHEET: 2 of 3

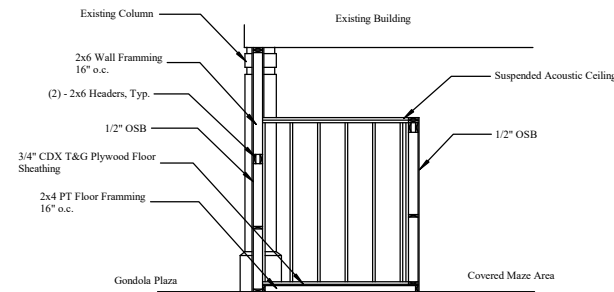
A-2

TITLE: GONDOLA CLOSE IN ELEVATIONS	
SCALE: 1/4" = 1'	DESIGNED BY: VTS
TEXT: 1.000	DATE: FEB 2019
ARROW: 0.700	REVISOR: VTS
OTHER: 0.250	REVISION DATE: APR 2019
FILE: resolution2A2.tcw	

# RCRBD Record Set



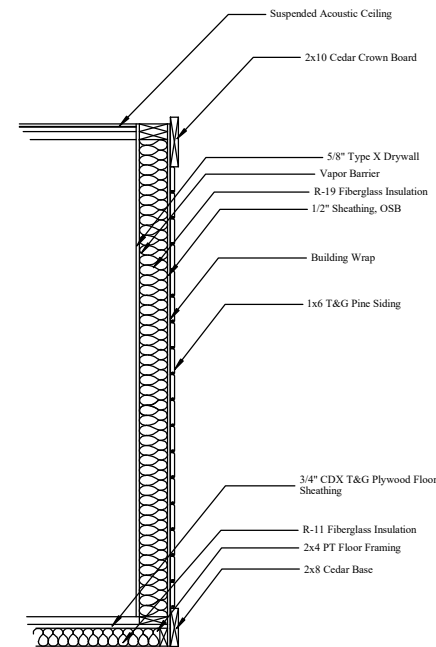
PLAN VIEW



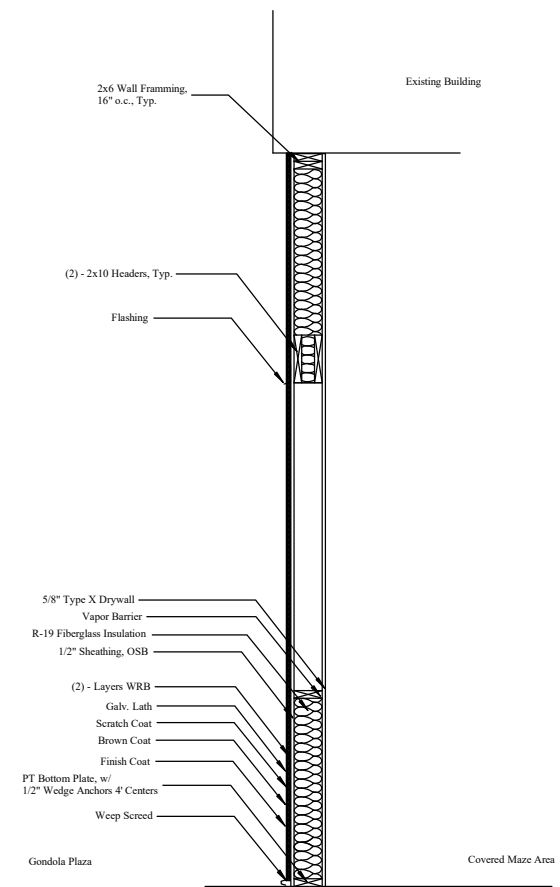
RESOLUTION CROSS SECTION

NOTES:

- STRUCTURAL WOOD FRAMING
- Except where noted otherwise, all 2" lumber shall be Douglas Fir-Larch S4S No. 2 or better, and all solid timber beams and posts shall be Douglas Fir-Larch No. 1.
- Except as noted otherwise, minimum nailing schedule shall be provided as specified in Table 2304.10.1 "Fastening Schedule of the I.B.C., 2015 Edition.
- Floor and roof sheathing shall be APA rated with exterior glue and graded in accordance with APA standards. Panel identification and thickness shall be as noted on the drawings.
- Where light gauge framing anchors are shown or required, they shall be Simpson "Strong Tie" or equal IBCO approved connectors and shall be installed with the type and number of nails recommended by the manufacturer to develop the rated capacity.
- Glue Laminated timber shall be of such a stress grade to provide glued laminated beams with combination symbol 24F-1.8E.
- Laminated Veneer Lumber shall be of such a stress grade to provide members with allowable fiber stress in bending = 2600 psi, modulus of elasticity of 1.9x10<sup>6</sup> psi, and allowable shear stress parallel to the glue line = 285 psi.
- Roof and floor joists shall be plant fabricated I-series with LVL wood flanges and plywood or OSB webs, and carry ICBO approval for the composite section. Joists shall be designed to carry the full dead and live loads of the roof and floor and any other superimposed loads. Bridging and blocking shall be installed according to the fabricator's requirements.



RESOLUTION WALL SECTION  
3/4" = 1'-0"



EXTERIOR WALL SECTION  
3/4" = 1'-0"

SHEET: 3 of 3

S-1

TITLE: RESOLUTION CENTER STRUCTURAL	
SCALE: 1/4" = 1'	DESIGNED BY: VTS
TEXT: 1.000	DATE: FEB 2019
ARROW: 0.700	REVISOR: APR 2019
OTHER: 0.250	FILE: resolution2S1.tcw