

#### PROJECT DIRECTORY

OWNER:	JACQUI SMALLEY PO BOX 1313, 285 N HWY 12 BOULDER, UT 84716 510.390.4213 CONTACT: JACQUI SMALLEY
DESIGNER:	TREO ARCHITECTS 1722 14th STREET #115 BOULDER, CO 80302 303.455.6451 CONTACT: SOPHIA RICKARD
CONTRACTOR	: T.B.D STREET ADDRESS CITY, STATE, ZIP PHONE NUMBER CONTACT:
ENGINEER:	T.B.D. STREET ADDRESS CITY, STATE, ZIP PHONE NUMBER CONTACT:

### PROJECT DATA

**1. GOVERNING AUTHORITY** TOWN OF BOULDER, UTAH; COUNTY OF GARFIELD, UTAH ALL CONSTRUCTION TO COMPLY WITH THE FOLLOWING CODES AND AMENDMENTS PER THEIR ADOPTING ORDINANCES:

2018 IBC 2015 IPC 2018 IMC	2009 IFC 2015 IECC 2012 IFGC	2017 NEC 2015 EBC 2006 IWUIC	2009 A117.1 2008 BTZO
6. PROPERTY INFOR ZONING DISTRICT: LOT SIZE:	<u>MATION</u> GMU ±122 ac		

	proposed	permitted	conforming
LOT COVERAGE:	.01	0.20	yes
BUILDING SETBACKS	6: 72'/58'/370'	30'/30'/10'	yes
HEIGHT:	2 stories	30' or 2.5 stories	yes
			•

### DESIGN CRITERIA

WIND SPEED: GROUND SNOW LOAD: FROST DEPTH: SEISMIC DESIGN CATAGORY: C WEATHING: TERMITE INFESTATION: WINTER DESIGN TEMP: ICE BARRIER REQUIRED: AIR FREEZING INDEX: 40.1°-53° MEAN ANNUAL TEMP:

115 Vult (EXPOSURE C) 40 psf 33" SEVERE MODERATE/HEAVY 3° YES 923-2084

# BOULDER ART AND AGRICULTURAL EDUCATION CENTER 410 WEST HWY 12 BOULDER, CO 84716

USE APPROVAL CONDITIONS DOCUMENTATION

### PLANNING COND

i(a)	LD-1
i(b)	LD-1
i(c)	LD-1
i(d)	LD-1
i(e)	A-4.(
i(f)	A-2.1
ii(a)	A-1.0
ii(b)	A-4.(
ii(c)	A-3.1
ii(d)	A-2.0
ii(e)	A-1.0
ii(f)	A-2.1
ii(g)	A-2.0
ii(h)	A-1.0
iii(a)	A-4.(
iii(b)	A-1.(
iv(a)	A-2.0
iv(b)	A-2.0
iv(c)	A-2.0

DITIC	NS	IND	EX

0-1.0; LD-1.1 4.0; LD-1.3 1 1.0; A-2.0; A-3.0 3.1, A-4.0 1.0; LD-1.0; LD-1.4 1 .0 4.0; LD-1.0 1.0; LD-1.0 .0 0.0

#### SHEET INDEX WITH CONDITIONS KEY

A-3.1

A-4.0

A-1.0	COVER SHEET
LD-1.0	CONCEPT PLAN
LD-1.1	GRADING PLAN
LD-1.3	LIGHTING PLAN
LD-1.4	PLANTING PLAN
A-2.0	FLOOR PLANS
A-2.1	EGRESS PLANS
A-3.0	ELEVATIONS

APPENDIX

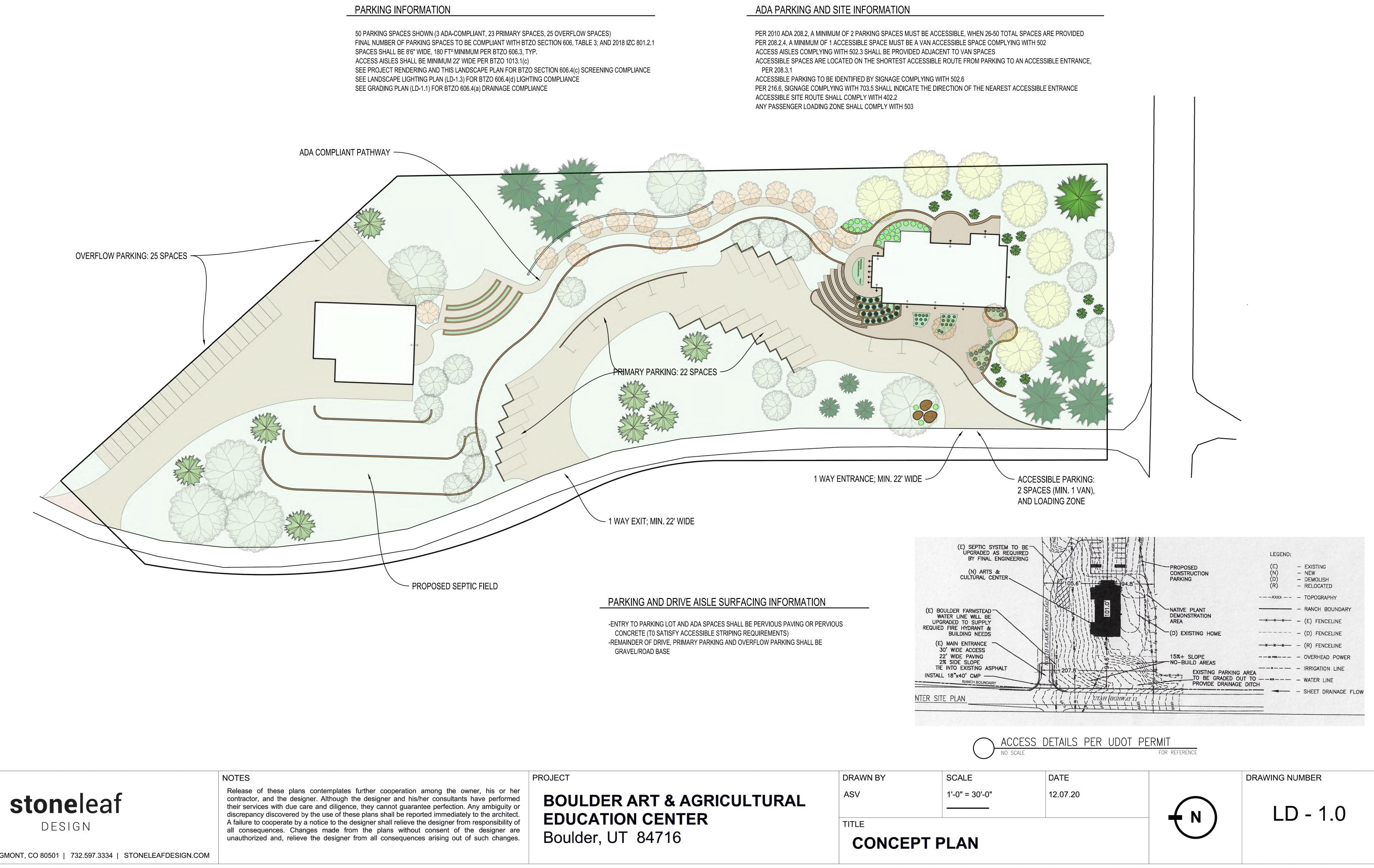
ii(a,e,h); iii(b) i(a,c,d); ii(e); iii(a,b) i(d) i(e) i(b); ii(e) ii(a,d,g); iv(a,b,c) i(f); ii(f) ii(a) LIGHT TRESPASS DIAGRAMS ii(c) i(e); ii(b,c); iii(a)

### ABBREVIATIONS

U.N.O: TYP: AC. E.W: O.C: FT <sup>2</sup> : (N): (E): VERT. HORIZ.	UNLESS NOTED OTHERWISE TYPICAL ACRES EACH WAY ON CENTER SQUARE FEET NEW EXISTING VERTICAL HORIZONTAL
horiz. Equiv.	HORIZONTAL EQUIVALENT

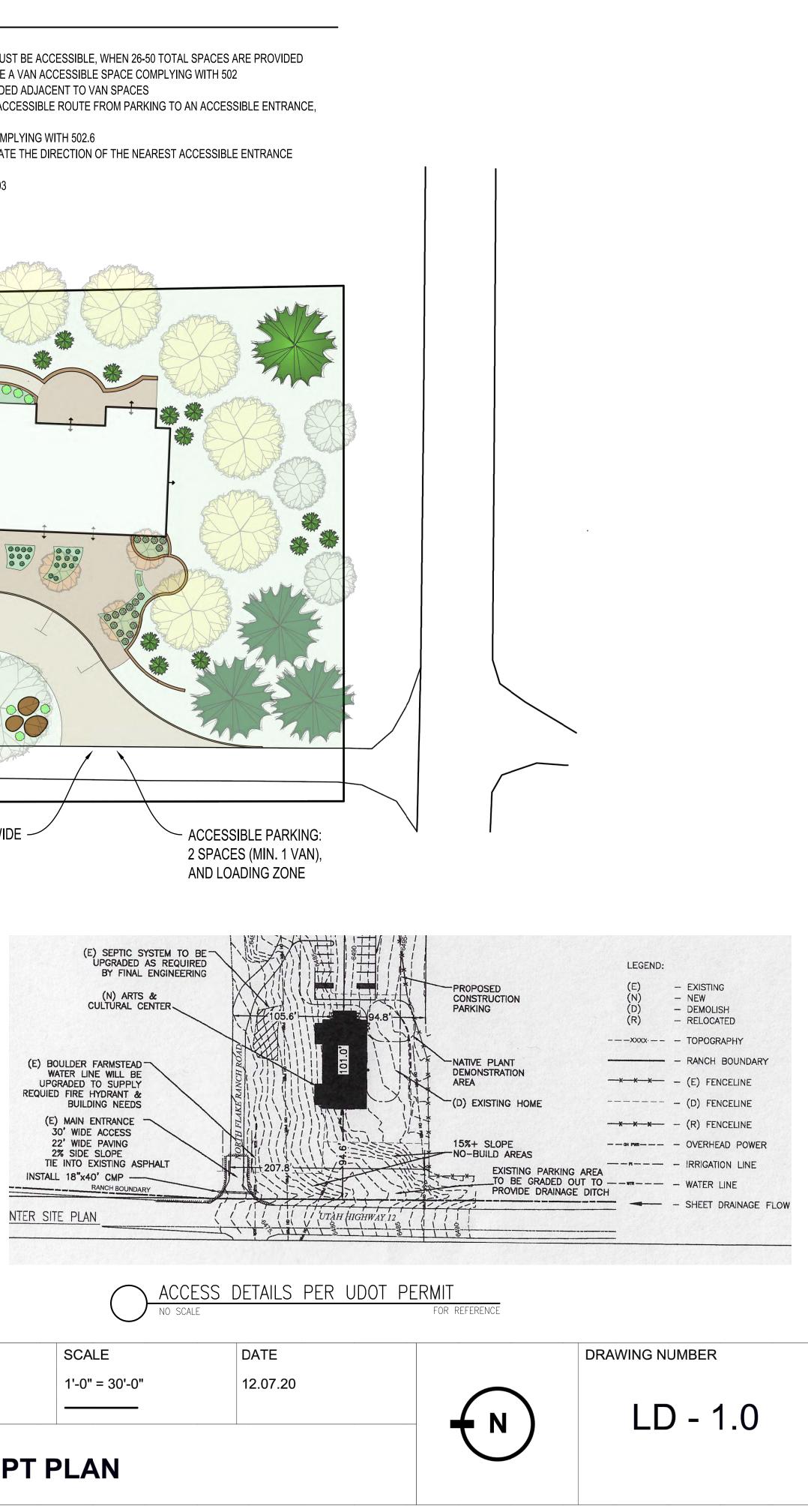
T       Image: Constrained of the second secon	AN NR
Boulder Art and Agricultural Education Center Boulder, Utah	
date: 2020–12–08 PC review set drawn by: ELS/SJR/MSB revisions: ALL RIGHTS RESERVED	
A-1.0	

# CONDITIONS ADDRESSED: i(a); i(c); i(d); ii(e); iii(a); iii(b)

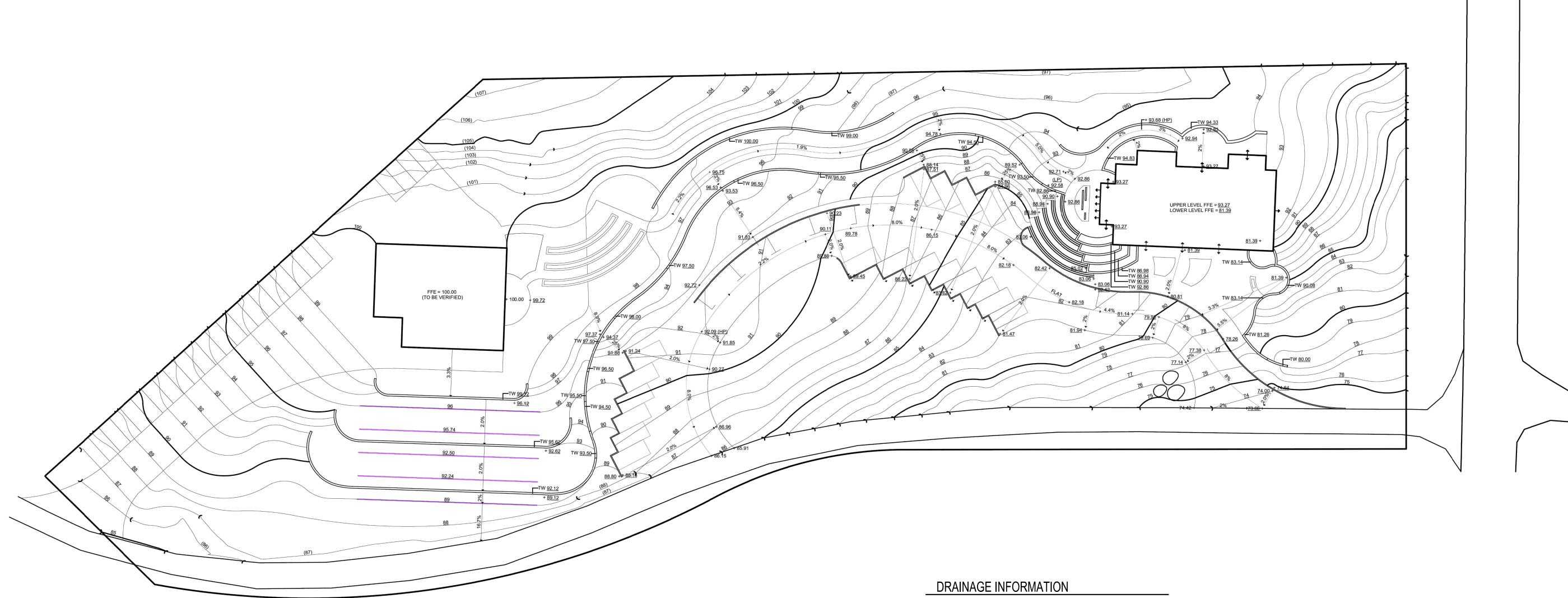




1701 SHORT PLACE, LONGMONT, CO 80501 | 732.597.3334 | STONELEAFDESIGN.COM



# CONDITIONS ADDRESSED: i(d)





#### 1701 SHORT PLACE, LONGMONT, CO 80501 | 732.597.3334 | STONELEAFDESIGN.COM

### NOTES

Release of these plans contemplates further cooperation among the owner, his or her contractor, and the designer. Although the designer and his/her consultants have performed their services with due care and diligence, they cannot guarantee perfection. Any ambiguity or discrepancy discovered by the use of these plans shall be reported immediately to the architect. A failure to cooperate by a notice to the designer shall relieve the designer from responsibility of all consequences. Changes made from the plans without consent of the designer are unauthorized and, relieve the designer from all consequences arising out of such changes.

-SITE SHALL BE DRAINED BY GRADING SHOWN, PER BTZO 606.4(a)

PROJECT

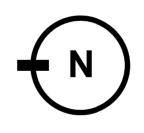
**BOULDER ART & AGRICULTURAL EDUCATION CENTER** Boulder, UT 84716

DRAWN BY ASV

TITLE

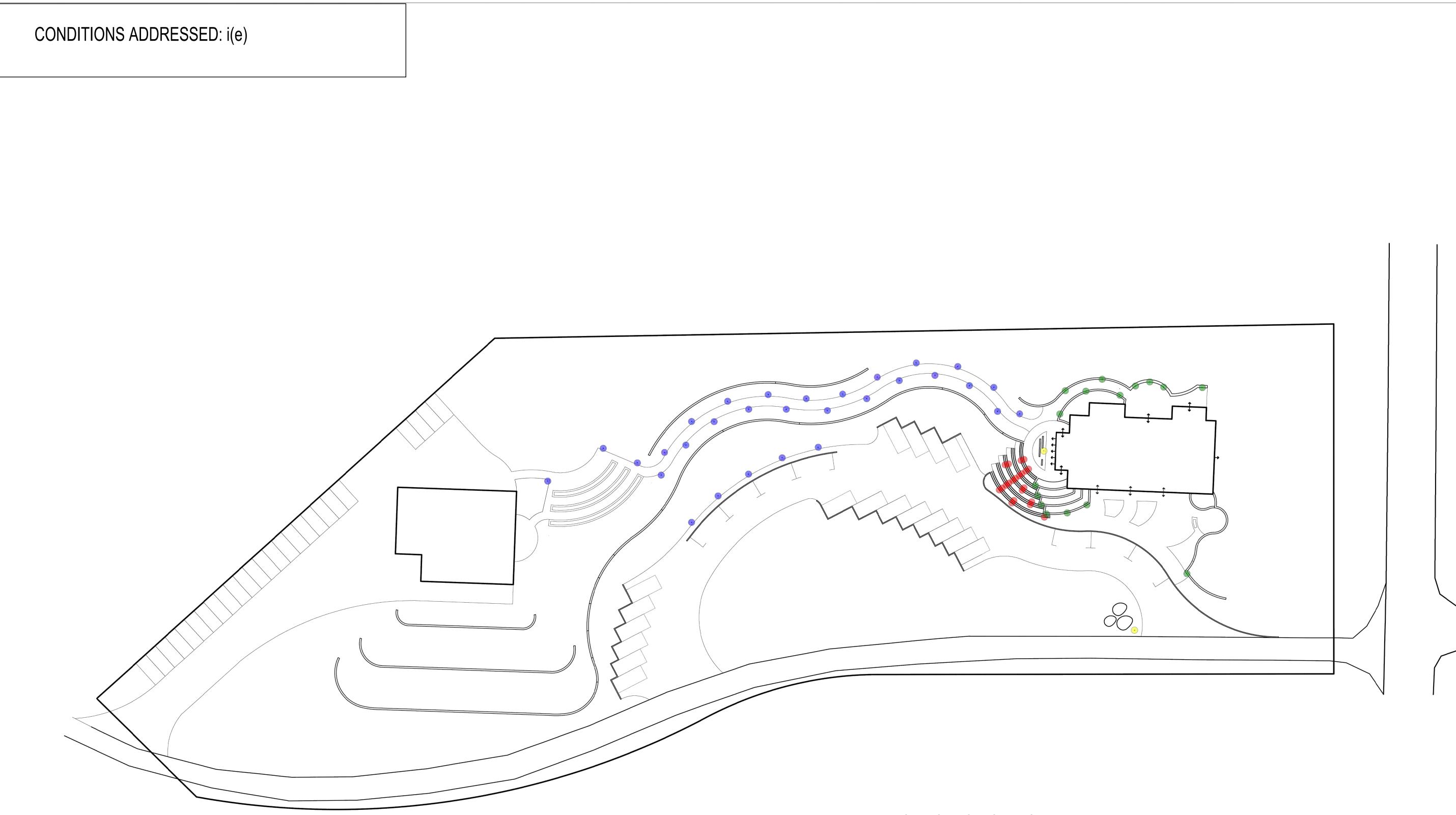


SCALE 1'-0" = 30'-0" DATE 12.06.20



DRAWING NUMBER







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### SITE LIGHTING INFORMATION

-ALL EXTERIOR FIXTURES TO BE FULLY SHIELDED, AND IDA-COMPLIANT. SEE SHEET A-4.0 FOR REPRESENTATIVE FIXTURE CUT SHEETS

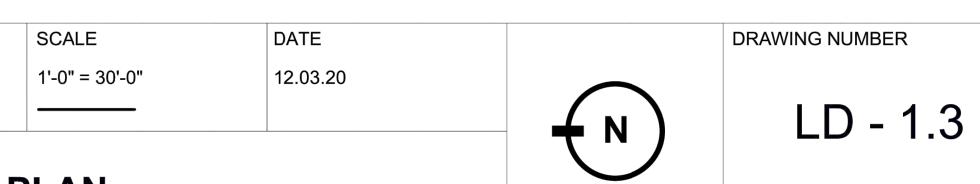
PROJECT

**BOULDER ART & AGRICULTURAL** EDUCATION CENTER Boulder, UT 84716

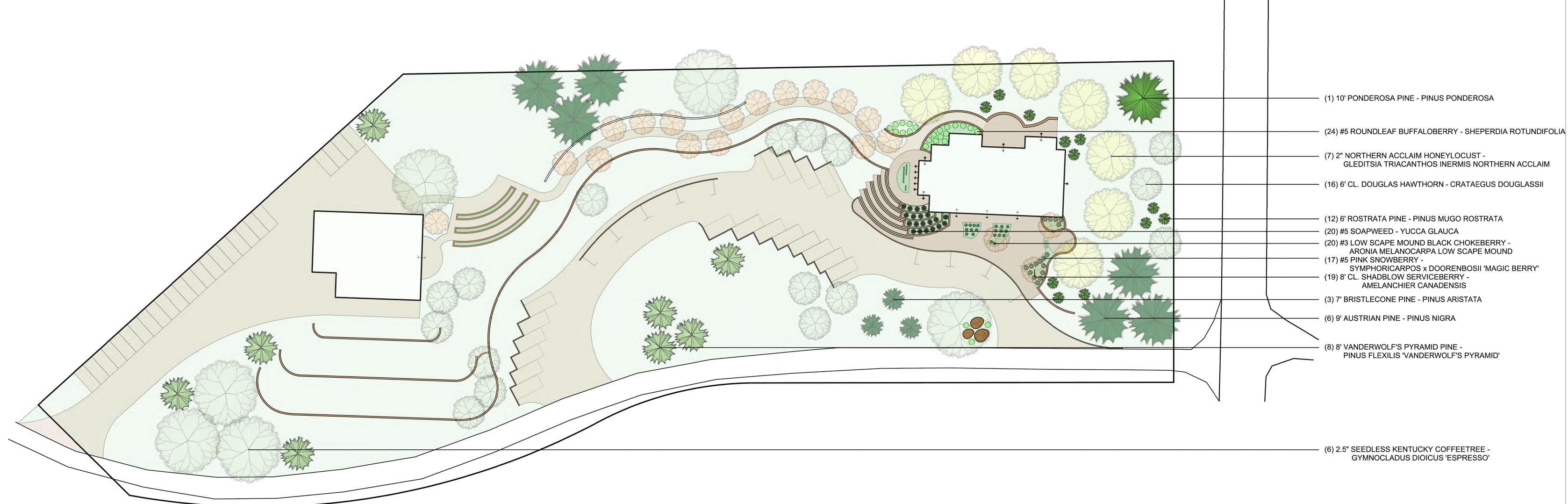
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TITLE

LIGHTING PLAN



# CONDITIONS ADDRESSED: i(b); ii(e)



\* ALL PLANT MATERIAL IS LOW WATER USE \*\* ALL PLANT MATERIAL IS SUITABLE FOR THE SITE'S ELEVATION \*\*\* SIZES OF PLANT MATERIAL MIGHT VARY DUE TO AVAILABILITY AT TIME OF PLANTING



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PROJECT

**BOULDER ART & AGRICULTURAL** EDUCATION CENTER Boulder, UT 84716

DRAWN BY ASV

TITLE



SCALE 1'-0" = 30'-0" DATE 12.07.20

**+** N

LD - 1.4

DRAWING NUMBER

# CONDITIONS ADDRESSED: ii(a); ii(d); ii(g); iv(a); iv(b); iv(c)

#### BUILDING USE STATEMENT

THE BOULDER ART AND AGRICULTURAL EDUCATION CENTER SHALL BE OPERATED AS A NOT-FOR-PROFIT, COMMUNITY-BASED VENUE FOR THE PURPOSES STATED IN THE ORIGINAL CONDITIONAL USE APPLICATION. UNDER NO CIRCUMSTANCES SHALL THE FACILITY EVER BE OPERATED AS A FOR-PROFIT TOURIST VENUE OF ANY KIND.

FUTURE USE OF THE BASEMENT LEVEL SHALL BE CONFINED TO BUILDING SUPPORT FUNCTIONS, POTTERY AND FINE ART ACTIVITIES, AND AGRICULTURAL EDUCATION ACTIVITIES.

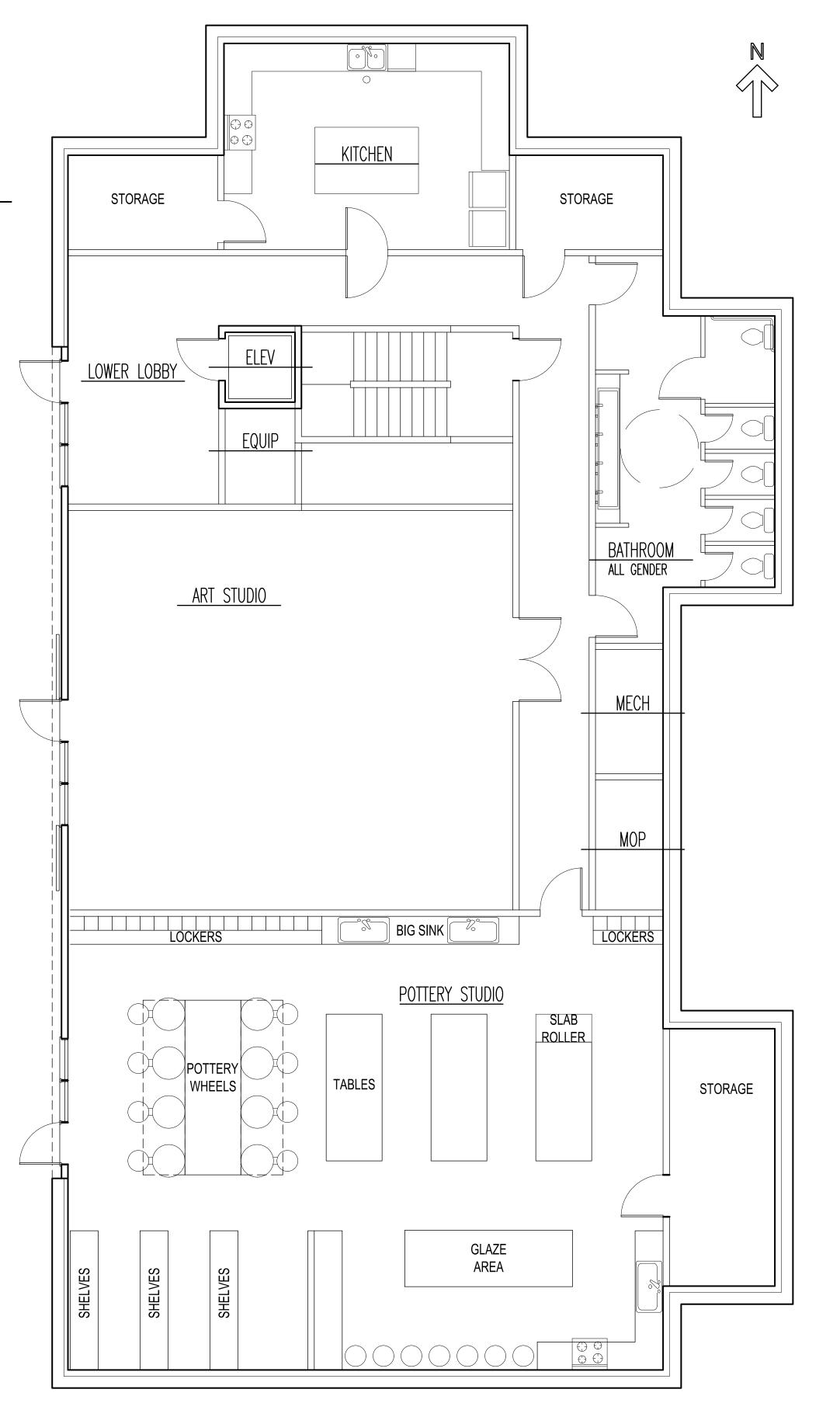
ANY OUT-OF-DOORS ACTIVITIES SHALL BE SMALL IN SIZE, AND SHALL NOT UTILIZE LIGHTING OR SOUND SYSTEM EQUIPMENT TO MINIMIZE LIGHT AND SOUND TRESPASS.

#### BUILDING MANAGEMENT STATEMENT

JACQUI SMALLEY, THE PROPERTY'S OWNER, SHALL BE THE INITIAL FACILITY MANAGER. SCHEDULING AND MANAGEMENT SHALL BE PERFORMED BY MS. SMALLEY, AND THE BOULDER ARTS COUNCIL. THE FACILITY SHALL BE OPERATED BY A NOT-FOR-PROFIT ENTITY, CONSISTANT WITH THE CONDITIONAL USE APPLICATION. ASSISTANCE IN MANAGERIAL FUNCTIONS SHALL BE HIRED ON AN AS-NEEDED BASIS.

MAINTENANCE OF THE FACILITY AND GROUNDS SHALL BE HANDLED IN A PROFESSIONAL WAY, AND SHALL INITIALLY BE ORGANIZED BY JACQUI SMALLEY AND THE BOULDER ARTS COUNCIL

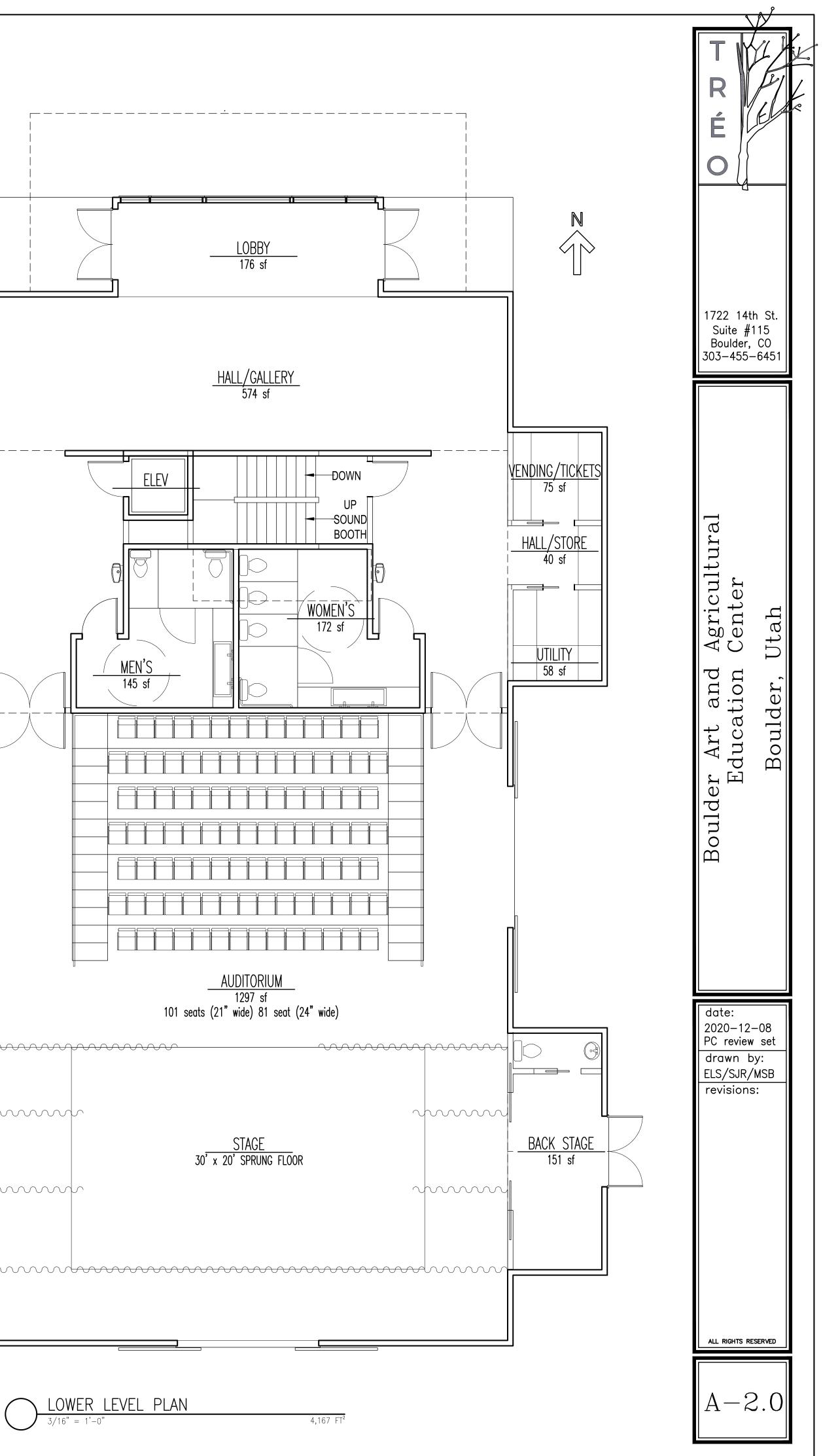
WATER FOR IRRIGATION AND LANDSCAPING SHALL BE PROVIDED BY AN EXISTING WATER RIGHT ON THE PROPERTY.

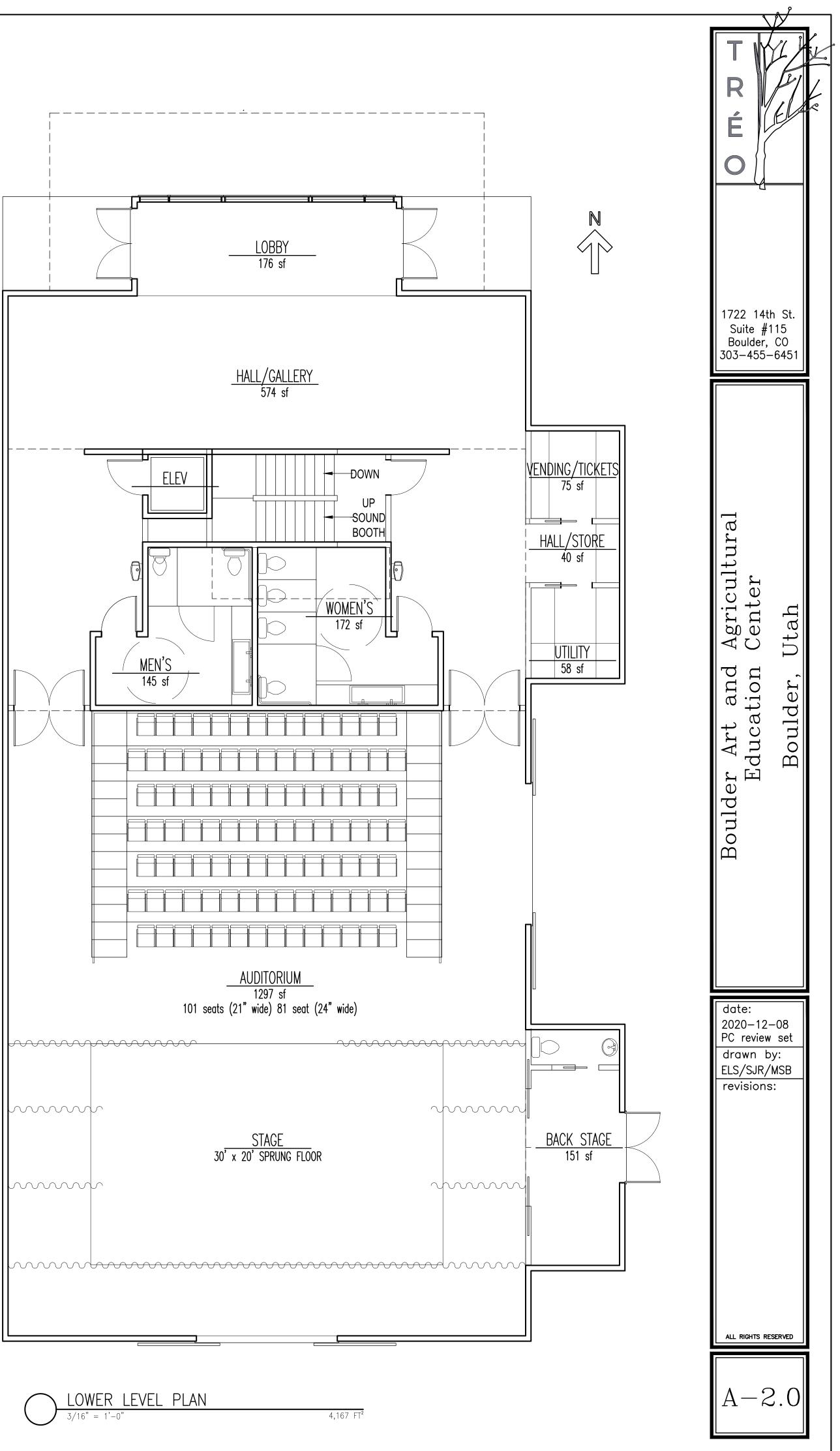




AUDITORIUM LEVEL PLAN

4,555 FT<sup>2</sup>



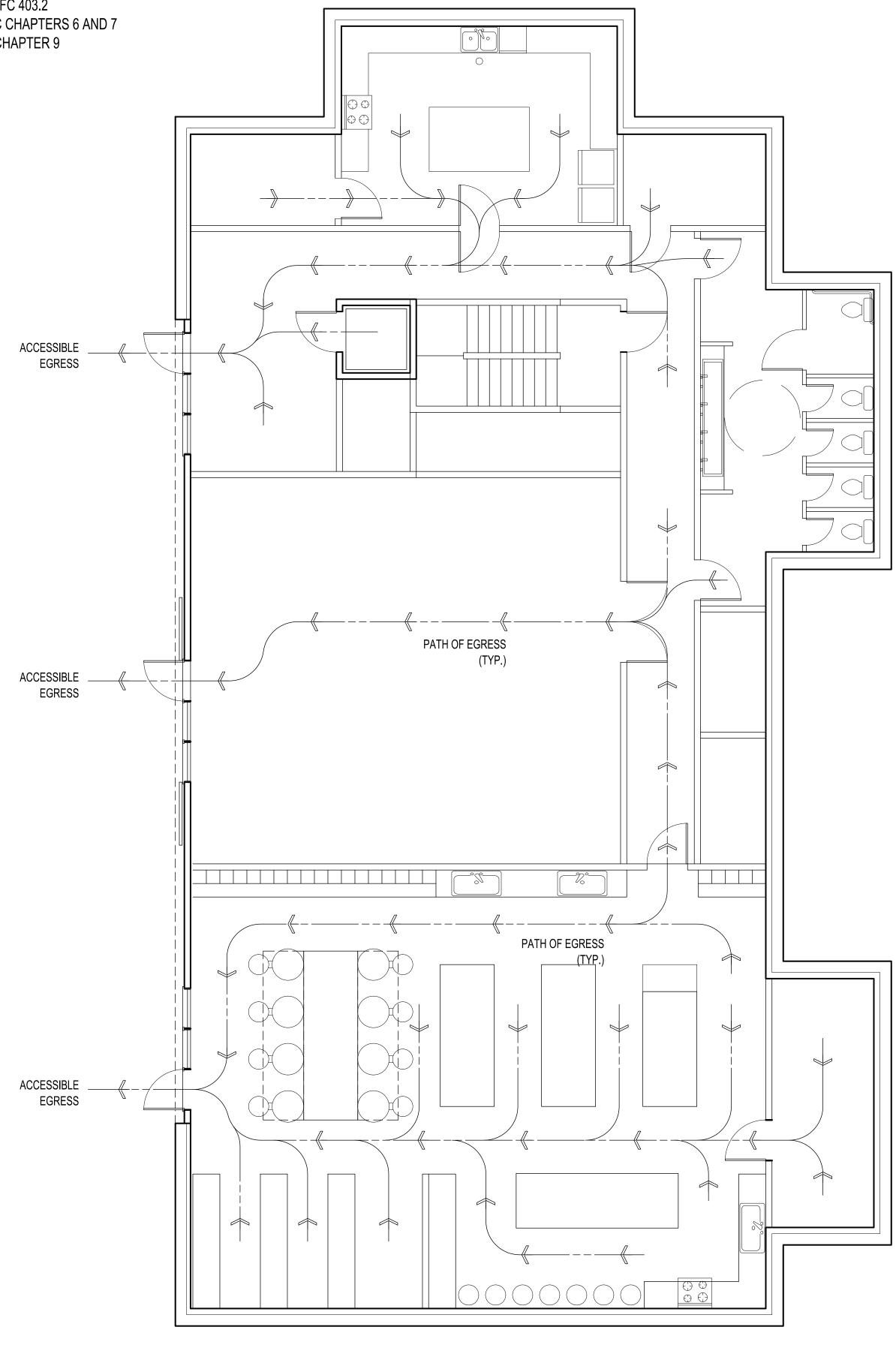


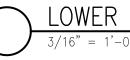
CONDITIONS ADDRESSED: i(f); ii(f	:)
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### BUILDING AND FIRE CODE STATEMENT

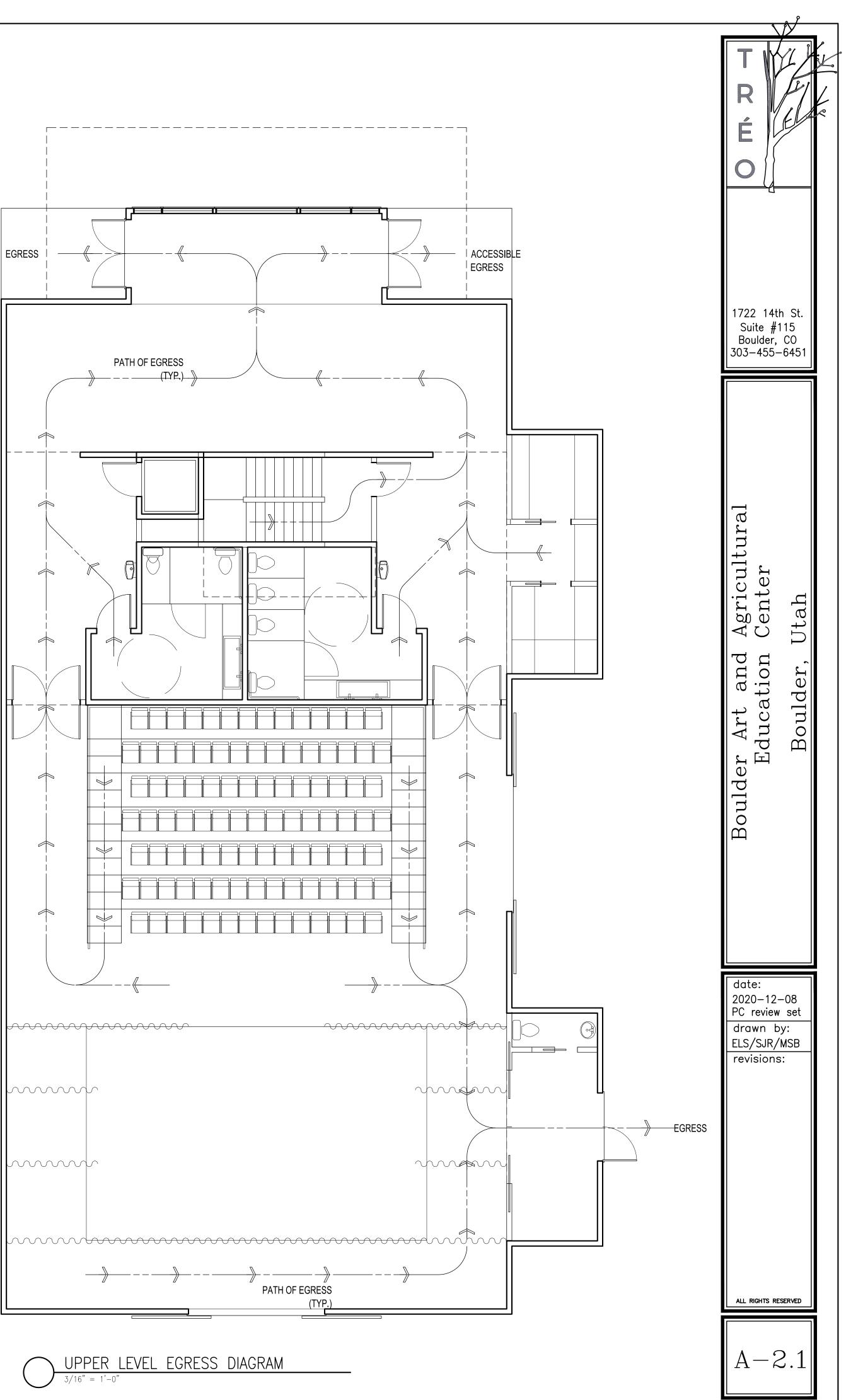
BUILDING SHALL HAVE AN APPROVED FIRE SAFETY AND EVACUATION PLAN PER IFC 403.2 FIRE-RESISTANCE RATINGS OF BUILDING COMPONENTS SHALL COMPLY WITH IBC CHAPTERS 6 AND 7 BUILDING WILL HAVE AN AUTOMATIC SPRINKLER SYSTEM COMPLYING WITH IBC CHAPTER 9 BUILDING WILL HAVE A FIRE ALARM SYSTEM COMPLYING WITH IBC CHAPTER 9 EGRESS SYSTEM IS SIZED PER IBC CHAPTER 10 ACCESSIBLE EGRESS COMPLIES WITH IBC CHAPTER 11, AND 2019 ADA

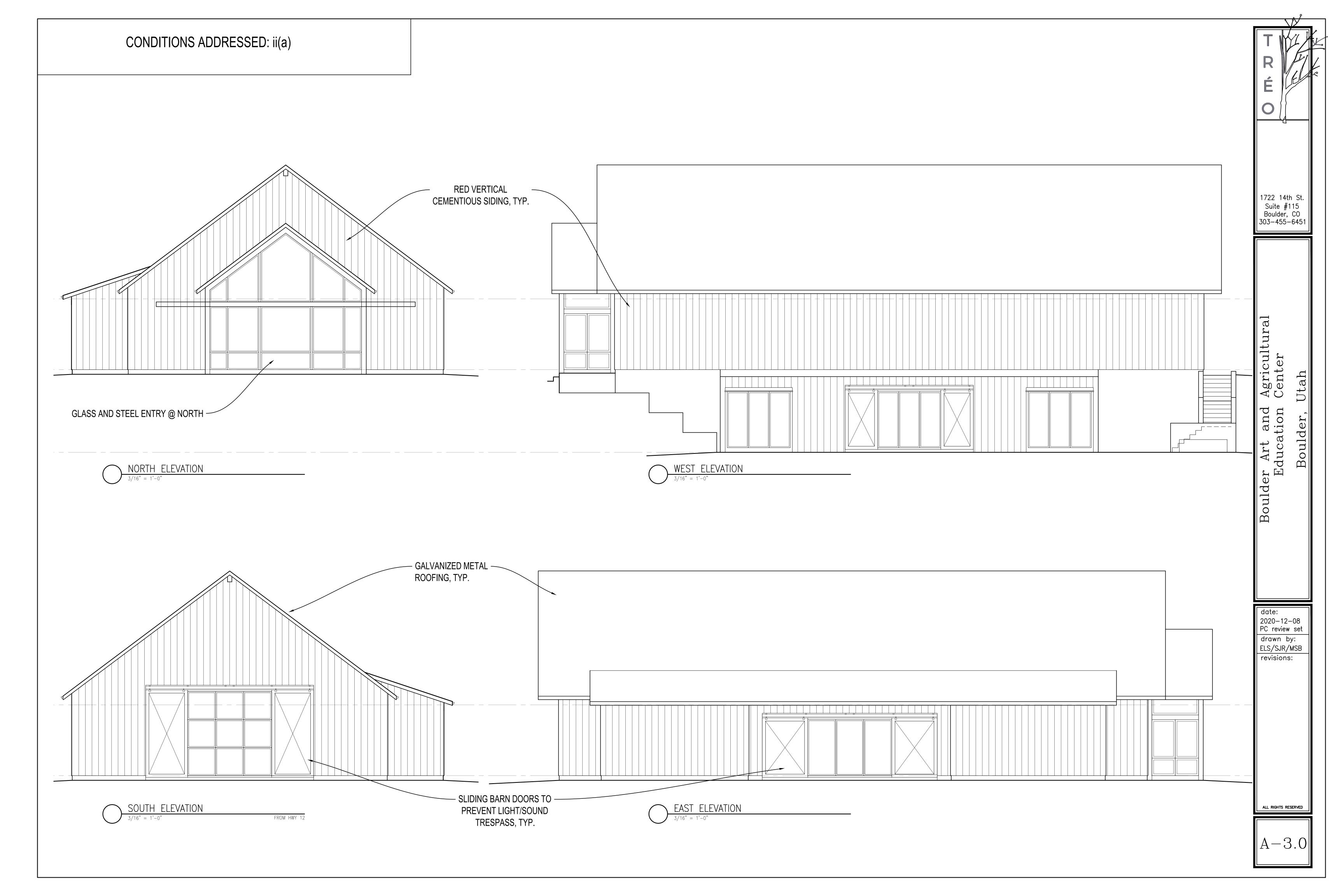
ELEVATOR TO COMPLY WITH 2010 ADA, ANSI A19.1, AND IBC CHAPTER 30





LOWER LEVEL EGRESS DIAGRAM



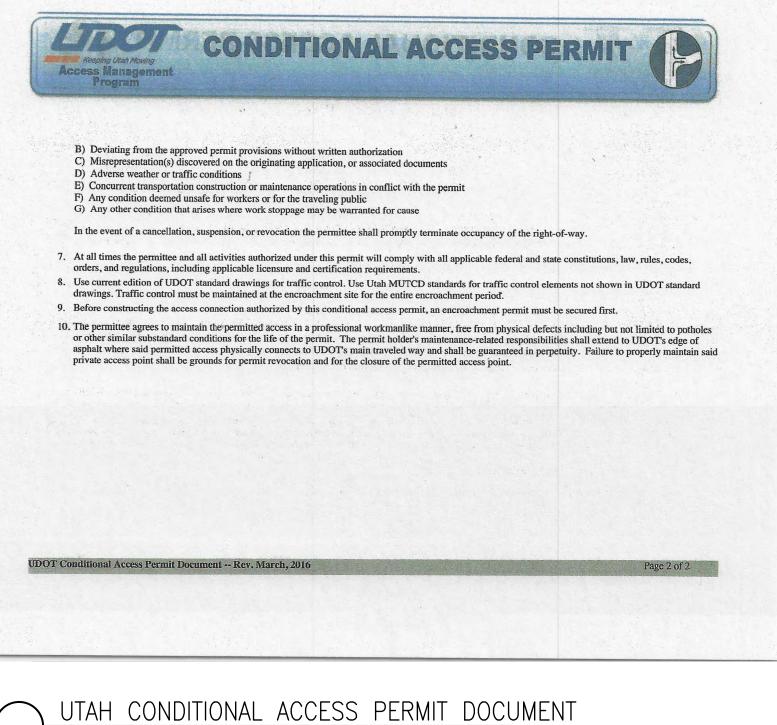






# CONDITIONS ADDRESSED: i(e); ii(b); ii(c); iii(a)

Level Date	and a second			S PERN	U
I		GENERAL I	FORMATION		
Issuance Date 4/2/2020		Region Region 4	Project Name	the second s	DLP Application ID
Physical Address		City	Boulder Arts & Cultural Ce Permit Type		102250 Access Use Type
410 West Highway 12	2	BOULDER DEP MITEE II	Change NFORMATION		Commercial
Property Owner Name	the second s	Primary Contact	Primary Phone		Email
Tom Hoyt for Jaqui Sma	5	odney Torgersen	(435) 893-1855 ESS CATEGORY INFO		rod@torgeng.com
State Route	Milepost Marker	DD Center Latitude	DD Center Longitude	Access Width	Access Category
0012	85.9 85.9	37.9010397	-111.4333081	24	4 - Regional Rural 4 - Regional Rural
0012	85.887	37.9010425	-111.4335587	24	4 - Regional Rural
plan sets for a Conditional This conditional access p permit must be separatel on UDOT's right-of-way during the AM/PM peak peak travel work restrict	permit does NOT ly applied for and is seasonally rest traffic hours of 6 tion may be perm	l issued before any co ricted from October 1 5:00 A.M. to 9:00 A.M	nstruction within a stat 5 to April 15. Work is . and 3:30 P.M. to 6:00	e right-of-way ma not allowed on the P.M. Some excep	y commence. Work e right-of-way
Region approval and mu Authorizing Name (printed)	) Josh Pete	ated on the approved erson Authoriz	encroachment permit. ing Name (signed)	any such exception	n requires special
Region approval and mu Authorizing Name (printed)	) Josh Pete	ated on the approved       erson     Authoriz       `ERMS, CONDITIONS'	encroachment permit.	Petron	a requires special
<ul> <li>Region approval and mu Authorizing Name (printed)</li> <li>1. A copy of this permit m</li> <li>2. This agreement and/or p property owners, other</li> <li>3. By the accepting this peresponsibility in the ever right-of-way.</li> <li>4. All work performed und</li> <li>5. The primary function of activities authorized by including but not limite schedule.</li> <li>6. UDOT may cancel, susp</li> </ul>	) Josh Petr T nust be posted in a cons permit is UDOT appro- utility owners, and othe ermit, the permittee ack ent of an accident or oth der this permit must be f the highway is for tran this permit, the permit d to; ensuring overall s pend, or revoke this per	ated on the approved         erson       Authoriz         ERMS, CONDITIONS         spicuous location and be availed         val only. The permittee is resered         ergovernment agencies as mean chowledges the hazardous name         her incident involving death,         in accordance with UDOT and         msportation purposes. All of the agrees to timely prosecutive         ite safety as an overarching purposed.	encroachment permit. ing Name (signed) S. AND LIMITATIONS lable for immediate review at the ponsible for obtaining clearance ay also be required. ture of conducting activities we injury, or damages to any part pproved plans and standard dra- ner highway purposes are subo the permitted activities in a no- priority, and by applying system	the location of the perm res, authorizations, or p ithin the right-of-way a y resulting from the per awings unless otherwise rdinate to this primary p anner that minimizes t	a requires special itted activity. No exceptions. ermits from railroads, private and assumes full mittee's authorized use of the e stated in writing. purpose. By conducting the consportation-related impacts
<ul> <li>Region approval and mu Authorizing Name (printed)</li> <li>1. A copy of this permit m</li> <li>2. This agreement and/or p property owners, other</li> <li>3. By the accepting this peresponsibility in the ever right-of-way.</li> <li>4. All work performed und</li> <li>5. The primary function of activities authorized by including but not limite schedule.</li> <li>6. UDOT may cancel, susp</li> </ul>	) Josh Petr T nust be posted in a cons permit is UDOT appro- utility owners, and othe ermit, the permittee ack ent of an accident or oth der this permit must be f the highway is for tran- this permit, the permit d to; ensuring overall s pend, or revoke this per- th the permit provision	ated on the approved         erson       Authoriz         'ERMS, CONDITIONS'         'Spicuous location and be avait val only. The permittee is reser government agencies as machine incident involving death,         in accordance with UDOT ansportation purposes. All other agrees to timely prosecut site safety as an overarching permit due to:         the sincluding terms, conditions	encroachment permit. ing Name (signed) S. AND LIMITATIONS lable for immediate review at the ponsible for obtaining clearance ay also be required. ture of conducting activities we injury, or damages to any part pproved plans and standard dra- ner highway purposes are subo the permitted activities in a no- priority, and by applying system	the location of the perm res, authorizations, or p ithin the right-of-way a y resulting from the per awings unless otherwise rdinate to this primary p anner that minimizes t	a requires special itted activity. No exceptions. ermits from railroads, private and assumes full mittee's authorized use of the e stated in writing. purpose. By conducting the consportation-related impacts



#### LOCATION: DATE: TYPE: PROJECT: PA7S CATALOG #: BOLLARD Pavilion FEATURES Traditional or Performance Optics Bluetooth enabled RGBW accent Integral NEMA 3R Enclosure Dual receptacle power panel PA System capability IP65 optical system CUL)US DARK SKY APPROVED (IK10 RELATED PRODUCTS CONTROL TECHNOLOGY 8 Pavilion Round Bluetooth DMX SiteSync SPECIFICATIONS CONSTRUCTION OPTICS ELECTRICAL LEDs mount to a metal printed circuit board Universal voltage, 120 through 277V with HOUSING: assembly (MCPCB). a ±10% tolerance. Driver is Underwriters Castings shall be low copper aluminum allov Laboratories approved. die-cast. Optical lenses are clear injection molded PMMA acrvlic. High voltage configurations, 208-277, Gaskets shall be molded silicone to prevent 347/480. Driver is Underwriters Laboratories harmful ingress to the lamp and driver • U0 configurations have an optically clear flat compartments. approved. tempered glass lens, all other configurations Optical system shall be IP66 rated. have either an optically clear or high • "Thermal Shield", secondary side, thermistor transmission diffused acrylic lens. provides protection for the sustainable life of SHAFT LED module and electronic components. • Aluminum shaft(s) shall be .125" thick extruded INSTALLATION • Drivers are greater than a 0.9 power factor, aluminum 6061 alloy. Aluminum shaft configurations shall have less than 20% harmonic distortion, and four 3/8" x 10" x 2" zinc plated L-hook anchor Concrete shaft(s) shall conform to current be suitable for operation in -40°C to 40°C bolts shall to be installed with an included specifications for "Portland Cement." ASTM ambient environments. template. Nuts and washers shall be C150. Type Lor II. Aggregates shall meet current • Luminaire is capable of operating at 100% provided to level and secure the mounting requirements of "Specifications for Concrete prightness in a 40°C environment. Both plate to the anchor bolts. Aggregates," ASTM C33. Water shall be clean driver and optical array have integral thermal and free from deleterious amounts of silt, oil, Aluminum shaft configurations shall have a protection that will dim the luminaire upon acids, alkalies or organic materials. Wire for mounting plate shall be able to be rotated detection of temperatures in excess of 85°C reinforcement shall conform to ASTM A185. 20° in either direction during installation for Steel for lugs and plates shall conform to ASTM aiming adjustment. A36, or A283 grade D. · Concrete shaft configurations shall have four • Concrete shaft(s) shall be medium sand-blasted steel mounting tabs for installation on four 1/2" with anti-graffiti sealer and material color shall x 10" + 2" zinc electroplated L-hook anchor be integral to the concrete mix. bolts. Each anchor bolt is supplied with two nuts, two washers, and a rigid pressed board Concrete shaft(s) shall be cured to allow for template. completion of the hydration process, and result in a 28 day compressive strength of not less (Specifications continued on page 3) Concrete shaft configurations shall be than 4,500 psi. palletized with adequate hold-downs to KEY DATA Concrete shaft(s) shall be cast from fiberglass prevent load movement in transit. 673–2162 Lumen Range

molds used to insure uniform parts. Mold parting lines maybe slightly visible in finished parts.

Page 1/21 Rev. 10/19/20 PA7S

CONTROLS

**KIM**LIGHTING®

SPECIFICATIONS CONT'D

user-defined, control devices.

Standard fixtures dimming range shall be from

10% to 100% and be compatible with 0-10V,

Standard Input Black (L)

Optional motion sensor shall be capable of

detecting motion 360° around the bollard.

When no motion is detected for the specified

time, the sensor wattage to factory preset

When motion is detected by the sensor, the

output. Please contact KIM Lighting if project

adjustment of the Luminous Accent to dim

or change color to the desired setting when

paired with Hubbell Lighting RGBW Remote

• The integral module shall be compatible with

Bluetood Low Energy (BLE) or Bluetooth Smart

mobile devices operating on iOS8 or Android

Gingerbread operating systems or newer.

app (available on IOS and Android).

Color selection and adjustment.

Camera function for color matching.

Save and rename up to 10 presets.

Group and rename fixtures.

Intensity slider for dimming/ramping up.

• Fixture is password protected, refer to

instructions to set unique password

• Mobile App. dimming range from 0% to 100%

through the use of HUBBELL LIGHTING RGBW

The Integral module shall enable the

App via celluar/tablet device.

bollard shall return to full wattage and full light

requirements vary from standard configuration.

level, reducing the light level accordingly.

Fixture Purple Dimming Lead (+)

Housing 🛛 🛶 1 mA Max

WIRELESS CONTROLS

BLUETOOTH:

White (N

Green (GND)

Gray Dimming Lead (-)

CATALOG #:

- (common), and Green (Ground) Single DMX universe with six slots/addresses
- the factory:
- DMX slot/address 4 = white
- Fully DMX RDM compatible. Mobile App specification in additional information section

- SiteSync<sup>™</sup> wireless control system for reduction in energy and maintenance
- minutes for 0°C ambient environments or -20°C with thermal jacket.
- Fixtures must be grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury.
- CERTIFICATIONS AND LISTINGS Listed to UL1598 and CSA C22.2#250.0-24 for wet locations and 40°C ambient temperatures
- IEC 66262 Mechanical Impact Code IK10
- RoHS compliant
- WARRANTY
- See <u>HLI Standard Warranty</u> for

PRECOMMISSIONED SITESYNC ORDERI <sup>1</sup>PRECOMMISSIONED SITESYNC ORDERING INFORMATION: When ordering a fixture with the SiteSync lighting control option, additional information will be required to complete the order. The SiteSync Commissioning Form or alternate schedule information must be completed. This form includes Project location, Group information, and Operating schedules. For more detailed information please visit www.HubbellLighting.com/products/sitesync or contact Hubbell Lighting tech support at (800) 345-4928

Examples: PA7R/FT/NU3/12L-020-3K7/42A/TT/SWP/UNV/LR

Wattage Range

Efficacy Range (LPW)

Reported Life (Hours)

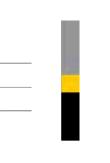
HUBBELL

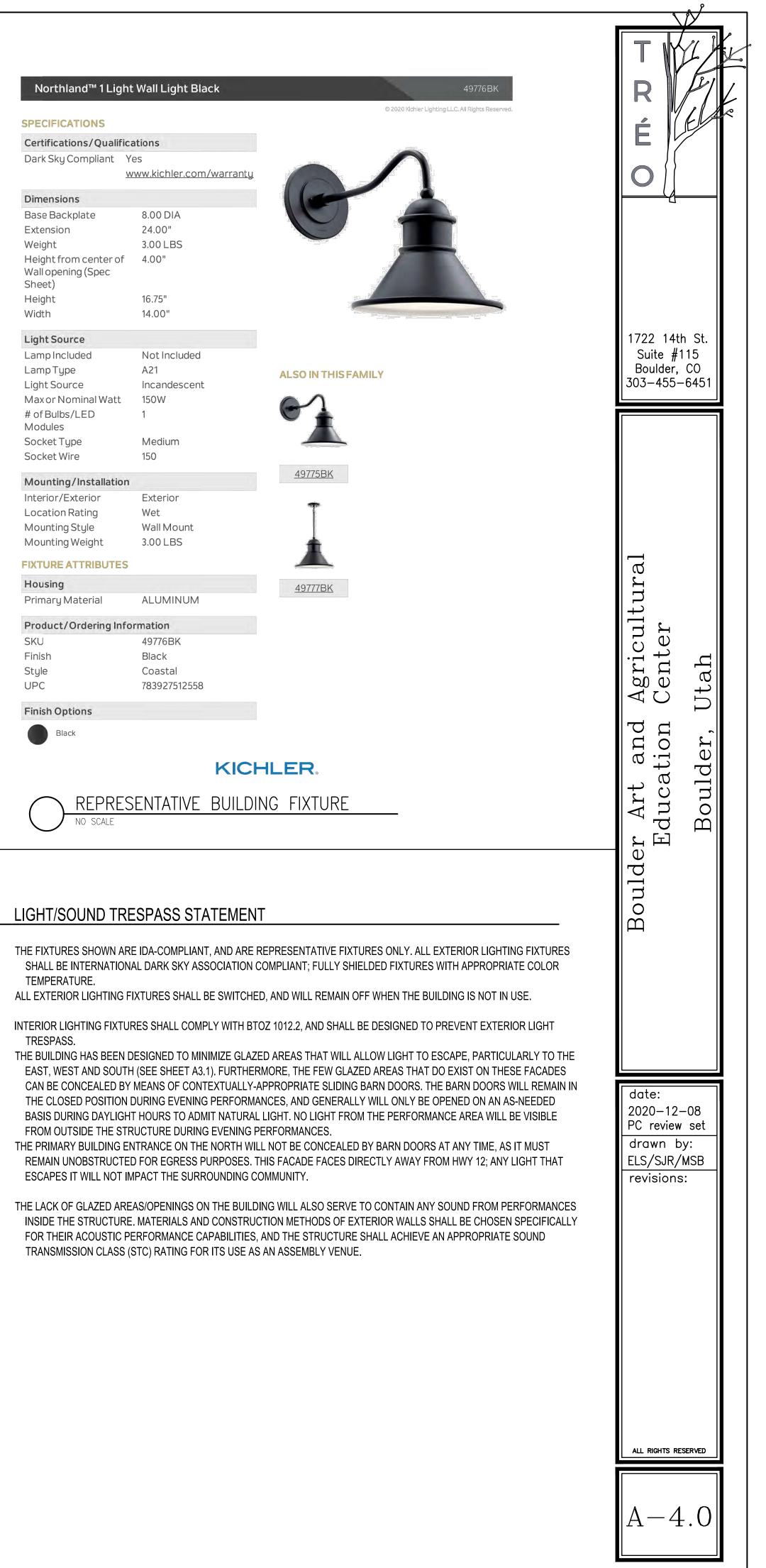
14–22

43–107

L70/60,000

HUBBELL





**KIM**LIGHTING<sup>®</sup>

- Fixtures must be grounded in accordance with national, state and/or local electrical
- codes. Failure to do so may result in serious personal injury.
- © 2020 Kim Lighting, a division of Hubbell Lighting, Inc. Specifications subject to change without notice. 701 Millennium Blvd Greenville, SC 29607 / Tel 864.678.1000 / Website www.kimlighting.com
  - DATE: LOCATION:
  - TYPE: PROJECT: DMX:
  - 6 wires: Red (DMX+), Brown (DMX-), Yellow (DMX Ground), Black (Line Voltage), White
  - of virtual control which are pre-programmed at DMX slot/address 1 = red
  - DMX slot/address 2 = green DMX slot/address 3 = blue

  - SITESYNC<sup>™1</sup>
  - cost while optimizing light quality 24/7. See ordering information or visit www. hubbelllighting.com/products/sitesync for more details.
  - OPTIONAL BACKUP BATTERY
  - Integral battery backup provides emergency path of egress lighting for the required 90
  - CAUTION:

## IP65 optical system

- IDA approved, 3000K and warmer CCTs only.
- 5 year warranty
- additional information.



