WORKac:
North Boulder Branch Library

Library Commission Presentation, January 2019
DUALITY / CONTRAST
ALL SEASON OUTDOOR ACTIVITIES
VERNACULAR: NATURAL STONE + RUGGEDNESS
READING BOULDER

COMMUNITIES
QUOTES

QUIET

“I would like to have study space that is quiet and has good light.”
- Kathleen

OUTDOORS

“It is important that it is colorful, has lots of trees, plants, and grass. And a lot of flowers, lunch area, benches, and a lot of fun!”
- Eleanor

MAKERSPACE

“I would love to see a [makerspace]. This is a place where artists can work, and where people can learn how to make their invention come to reality.”
- Calder

GARDEN

“I would love to see a library site that is well integrated into the existing landscape and that allows for the inclusion of an adjacent community garden.”
- Sidney

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KIDS

“The kids will continue to take out books. They would stay longer if there was more opportunity for physical activity. I (parent) would come more and stay longer.”

- Schwartz Family

PLAYGROUND

“It would be great for our children to have an outdoor space [...] for kids to play in.”

- Christine

COMMUNITY

“The library needs an indoor space for communities to meet and host workshops. It needs to inspire the community.”

- Alex
LIBRARY VISION CONCEPT
Site 2 Setbacks, Easements, Zoning, Floodplain

**Zoning and Easements**
- Property Line
- Zoning MU-2
- Zoning RM-2
- Zoning RMS

**Easements & Setbacks**
- 25' Utility Easement
- Drainage Easement
- 0' Front Yard Setback (FYS)
- 0-5' Side Yard Setback (SYS)
- 10' Rear Yard Setback (RYS)

**City Wetland Buffers**
- Outer Buffer - For every 1 SF of structure inside buffer, replace with 1 SF of wetland elsewhere on site.
- Inner Buffer - For every 1 SF of structure inside buffer, replace with 2 SF of wetland elsewhere on site.

**City High Hazard Floodplain Zone**
- No new parking lots allowed
- No new structure intended for human occupancy

**Overall Site Area:** 120,000 SF

**MU-2 Zoning Requirements:**
- Max. Height: 90'
- Max. No. of Stories: 2
- Max. FAR: 0.6-1
- Max. Floor Area: 15,000 SQ FT
- Min. Open Space: 10%

50% of lot frontage must contain building primary building entrance location to face street

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Site 2 Proposed Parking and Access

PROPERTY LINE
SITE BOUNDARY
BUILDING SITING

SITE BOUNDARY AREA:
31,950 SF

PARKING AREA:
10,700 SF
28 SPACES

REGULAR:
18

COMPACT:
13

ACCESSIBLE:
2

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CONSTRAST + DUALITIES

QUIET (ADULT)  STAFF  BOULDER READS  MAKERS

COMMUNITY

QUIET (ADULT)  KIDS

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ICONIC SYSTEMS

WATER
RECIRCULATE

WIND
VENTILATE

SUN
ENERGY

EARTH
THERMAL MASS & GREEN ROOF

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ICONIC PRESENCE – 13TH STREET
SUSTAINABLE SYSTEMS

- Thermal Mass
- Battery Storage for Emergencies
- Induction Kitchen Makerspace
- Energy Generating Play Equipment
- Community Garden/Pollinator Gardens for Bees
- Water Collection Cistern
- Natural Ventilation
- Solar Panels

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COMMUNITY RESPONSE DESIGN

1. **QUIET SPACE**
   Reading area with views to the mountains and access to nature

2. **COMMUNITY SPACE**
   Community room central to the library with after-hours access

3. **CHILDREN’S SPACE**
   Kids area with sightlines, storytime seating, and access to playground

4. **MAKERSPACE**
   Large makerspace with dedicated outdoor work area and access to community garden

5. **OUTDOOR SPACE**
   Outdoor amenities such as a community garden, children’s playground, and large public plaza

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PLAN 1

LEGEND

1. ENTRANCE
2. LOBBY/DIGITAL DISPLAY 140 SF
3. CIRCULATION DESK 56 SF
4. ADULT AREA + SEATING AREA 2,300 SF
5. MEETING ROOM 245 SF
6. STORAGE 175 SF
7. WATER COLLECTION TANK 27 SF
8. CHILDREN'S AREA 1,700 SF
9. AUTOMATED MATERIALS HANDLER 150 SF
10. MANGER'S OFFICE 140 SF
11. SECURITY 123 SF
12. PRIVATE WORKSPACE 365 SF
13. RESTROOM 400 SF
14. MAKERSPACE 1,260 SF

TOTAL GROUND FLOOR AREA 9,820 SF

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FAÇADE SECTION IDEAS
1 TRAFFIC DESIGN
TRAFFIC AND PARKING DESIGNED TO DESIGNATE 14TH ST AS MAIN ACCESS TO LIBRARY

2 CONNECTION TO PARK
MULTIPLE CONNECTIONS TO LIBRARY, OUTDOOR AMENITIES, AND VIOLET PARK

3 SHIFTED MASSING
STRATEGICALLY LOCATED BUILDING TO MINIMIZE EFFECT ON RESIDENTS
TRAFFIC
DROP-OFF ZONE

Legend:

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OPEN SPACE (EXISTING)
OPEN SPACE (EXISTING)
ELEVATION DIAGRAM

18 TOTAL UNITS

14 UNITS WITH SITE VIEWS

2 UNITS

1 SITE VIEW

1 SITE/STREET VIEW

8 UNITS

2 SITE VIEWS

2 SITE/STREET VIEWS

4 STREET VIEWS

8 UNITS

8 SITE VIEWS

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STREET/SITE VIEW – 2/18 UNITS
STREET VIEW (4/18 UNITS)
BUILDING-TO-BUILDING DISTANCE

[Diagram showing distances between buildings with measurements marked in feet (75', 60', 45', 62', 60', 75').]
SCALE COMPARISON

NOBO CORNER LIBRARY: 585 SF

MEADOWS BRANCH LIBRARY: 8,574 SF

BOULDER PUBLIC LIBRARY (MAKERSPACE): 1,500 SF

REYNOLDS BRANCH LIBRARY: 10,239 SF

NEW NORTH BOULDER ANCH LIBRARY: 12,800 SF