

TROY PUBLIC LIBRARY

TPL
troy public library
510



AGENDA

Introduction

1. Existing Library
2. Programming Development / ReThinking Libraries
3. Library Design / HBM Architects

Context

3. Site Analysis
4. Proposed Site Plan
5. Design Inspiration

Programming

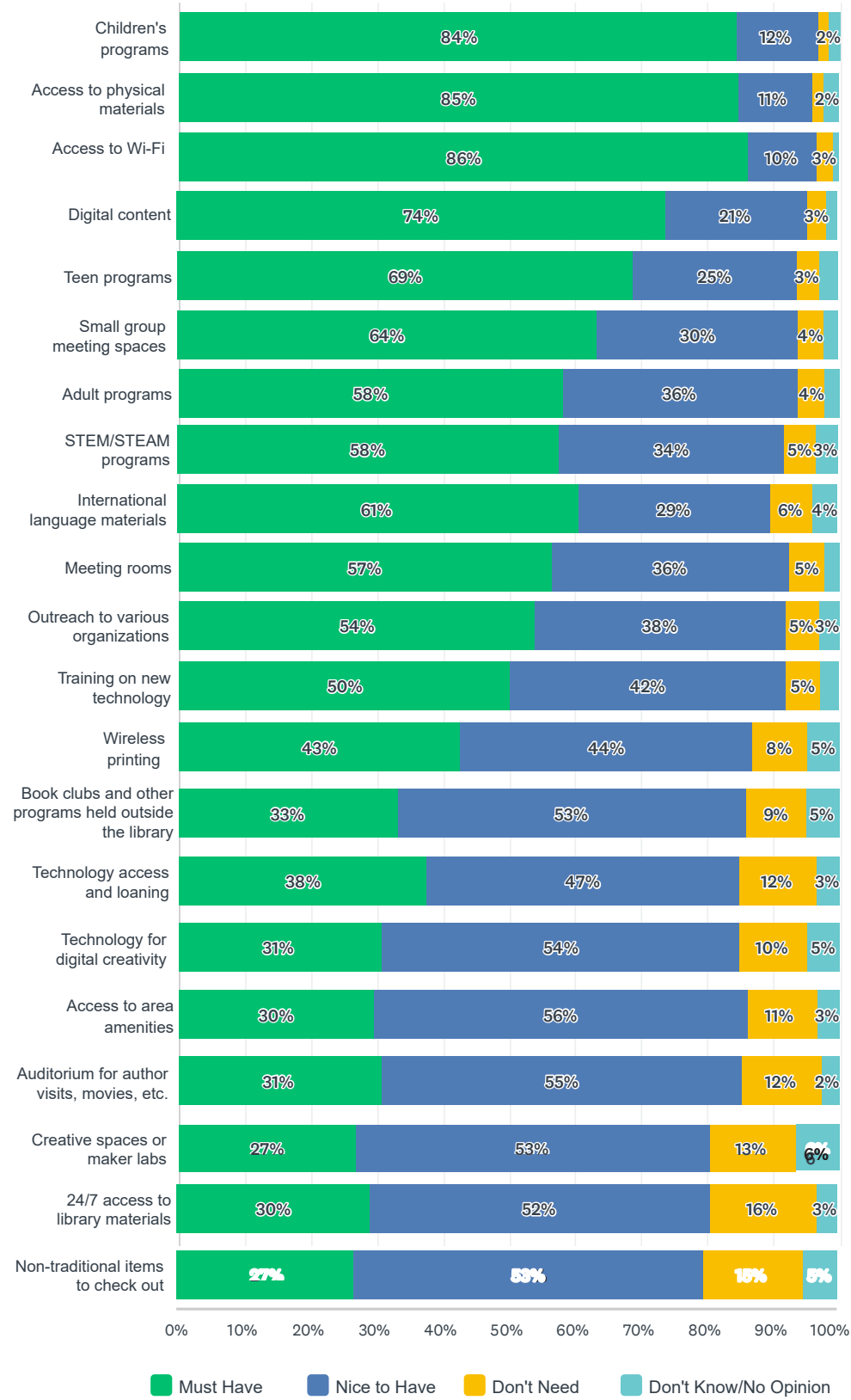
6. Space Needs
7. Conceptual Organization

Design

8. Preliminary Renders

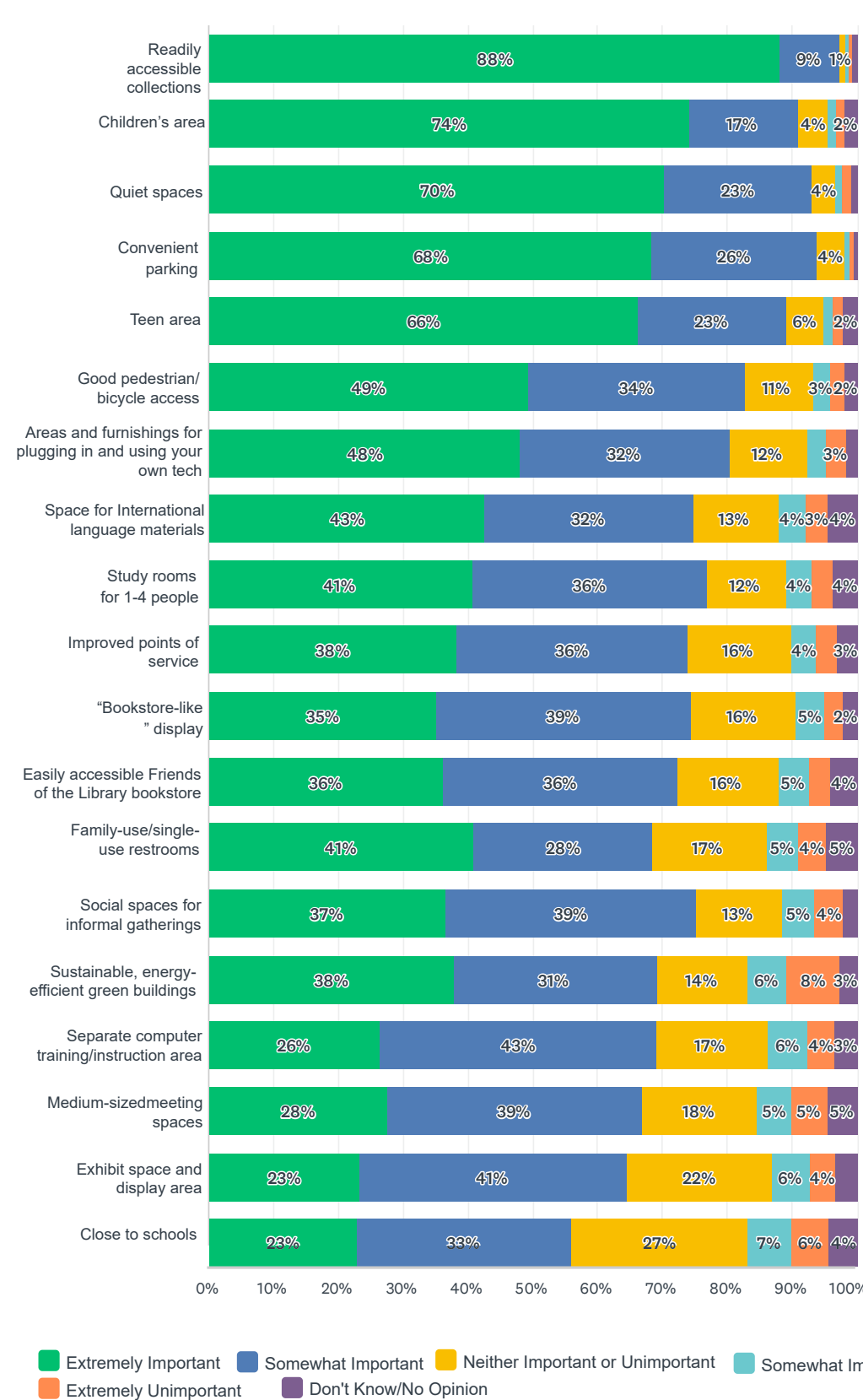
RATE THE IMPORTANCE OF THE FOLLOWING LIBRARY SERVICES

Answered: 2,064 Skipped: 669



RATE IMPORTANCE OF THE FOLLOWING LIBRARY FEATURES

Answered: 1,963 Skipped: 770



BUILDING SUB-TOTALS			63,923 SF
Circulation Factor		20%	12,785 SF
Footprint, Mechanical & Electrical	1	20%	12,785 SF
Totals >>			89,492 SF
Existing Conditions			50,000 SF
Program Delta			-39,492 SF

STANDARDS/BENCHMARK BASED SPACE NEED ESTIMATES BY SQ FT/CAPITA

	87,000 Pop Level
Low End National Standard (0.8)	69,600 SF
Detroit Area Benchmark (0.9)	78,300 SF
High End National Standard (1.2)	104,400 SF
Average Size for Library's of Troy's usage level (1.3)	113,100 SF

Program Yields (SqFt / Capita) 1.03

Seating Standards Calculations			
Reader Seats	2.75	per 1,000	@87,000 pop
Total Reader Seats Target	239	Total	
Total Readers Seats in Program	231	(across all areas)	

On-Shelf Collection Capacity Totals (Current Collection Size 177,000 w		
Holds, Reference, Misc	3,650	2%
Adult Collections	76,500	48%
Youth Collections	68,175	43%
Teen Collections	10,500	7%
Total Collections	158,825	

Area Totals and % of Totals		
Circulation and Adult, Café	25%	22,615 SF
Meeting & Program	6%	5,350 SF
Digital Services (Includes Makerspace)	6%	4,985 SF
Friends	2%	2,000 SF
Youth 0-12	21%	18,673 SF
Teens	5%	4,510 SF
Admin	6%	5,790 SF
Circulation Factor, Mechanical, Footprint, Etc	29%	25,569 SF

Total Space	89,492 SF
Total Staff Space Across Departments	14% 12,680 SF



Breakdown of 89,492 SF

- Circulation and Adult, Café
- Meeting & Program
- Digital Services (Includes Makerspace)
- Friends
- Youth 0-12
- Teens
- Admin
- Circulation Factor, Mechanical, Footprint, Etc



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Staff Input Gathering



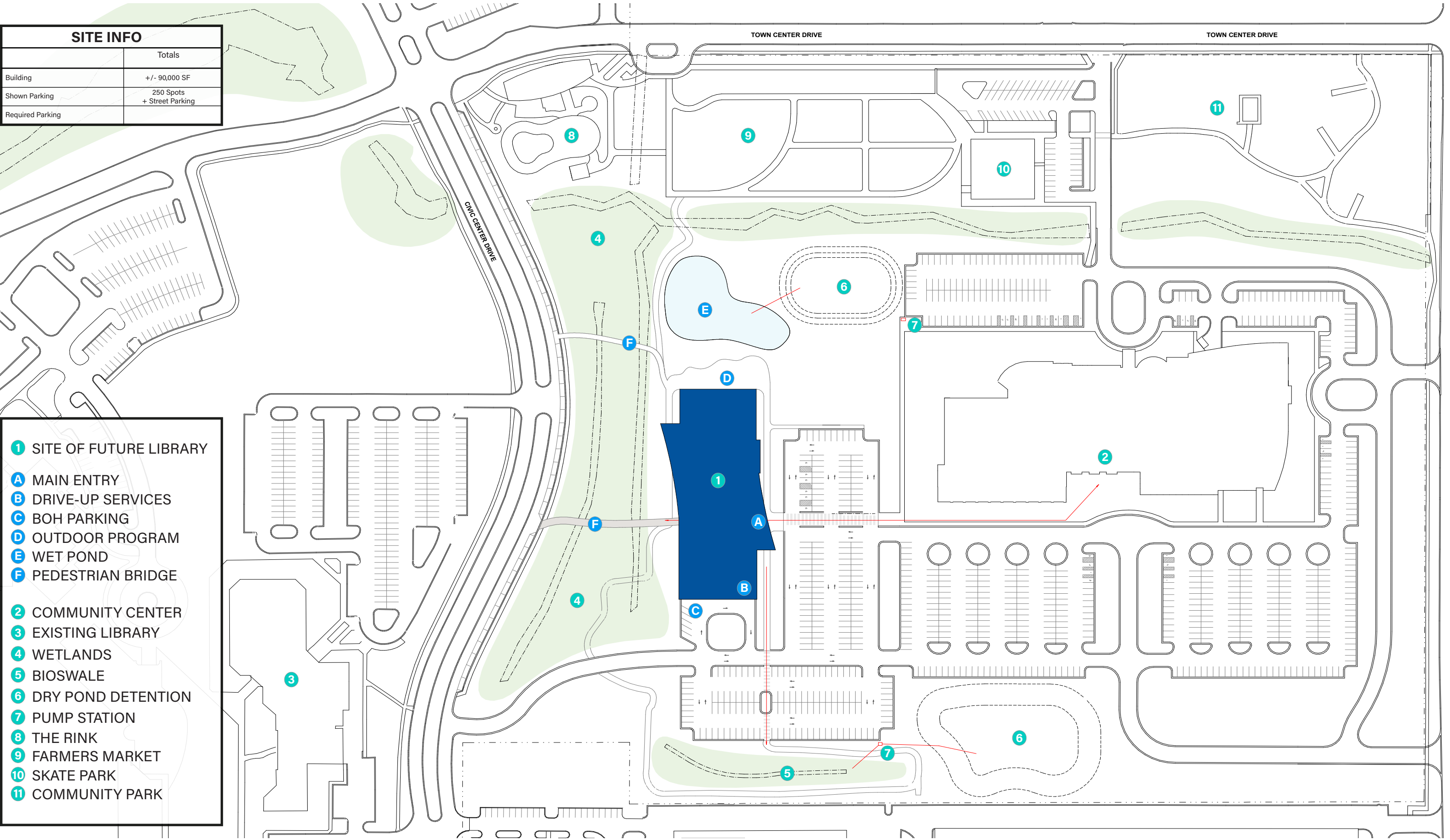


SITE CONTEXT

TROY PUBLIC LIBRARY



SITE INFO	
	Totals
Building	+/- 90,000 SF
Shown Parking	250 Spots + Street Parking
Required Parking	



- 1 SITE OF FUTURE LIBRARY
- A MAIN ENTRY
- B DRIVE-UP SERVICES
- C BOH PARKING
- D OUTDOOR PROGRAM
- E WET POND
- F PEDESTRIAN BRIDGE
- 2 COMMUNITY CENTER
- 3 EXISTING LIBRARY
- 4 WETLANDS
- 5 BIOSWALE
- 6 DRY POND DETENTION
- 7 PUMP STATION
- 8 THE RINK
- 9 FARMERS MARKET
- 10 SKATE PARK
- 11 COMMUNITY PARK



Athena | Protector of the City, Strength, Prosperity



Oodi Helsinki Central Library | Floor Plan Layering, Views, Visibility & Light



SGA Mass Timber Life Sciences | Structure, Visibility & Light



Troy Skating Pavilion | Visual Presence of Structure on Exterior



UNK School of Architecture | Facade Alliteration, Views, Visibility & Light



Education Center at Clemson University | Structure, Facade & Glow

DESIGN INSPIRATION

TROY PUBLIC LIBRARY

LEVEL ONE

- Popular Library Commons
- Children's Library
- Cafe
- Staff
- Outdoor Programming

LEVEL 1 TOTAL = 40, 000 SF

LEVEL TWO

- Adult Collection
- Teen Center
- Maker Space & Memory Lab
- Staff
- Roof Terrace

LEVEL 2 TOTAL = 27, 500 SF

LEVEL THREE

- Adult Collection
- Meeting Space
- Staff

LEVEL 3 TOTAL = 22, 500 SF



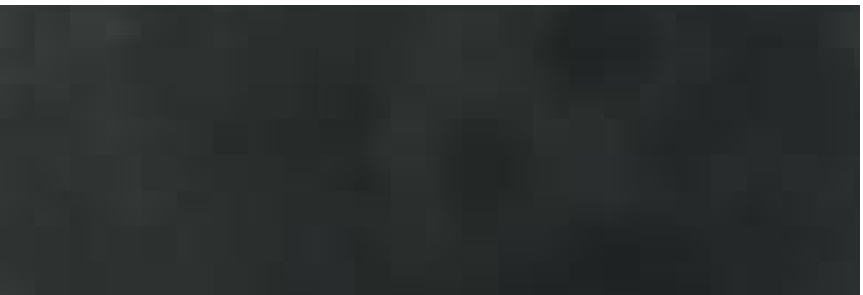
- FIRST FLOOR
- SECOND FLOOR
- THIRD FLOOR

LIBRARY TOTAL = 90, 000 SF



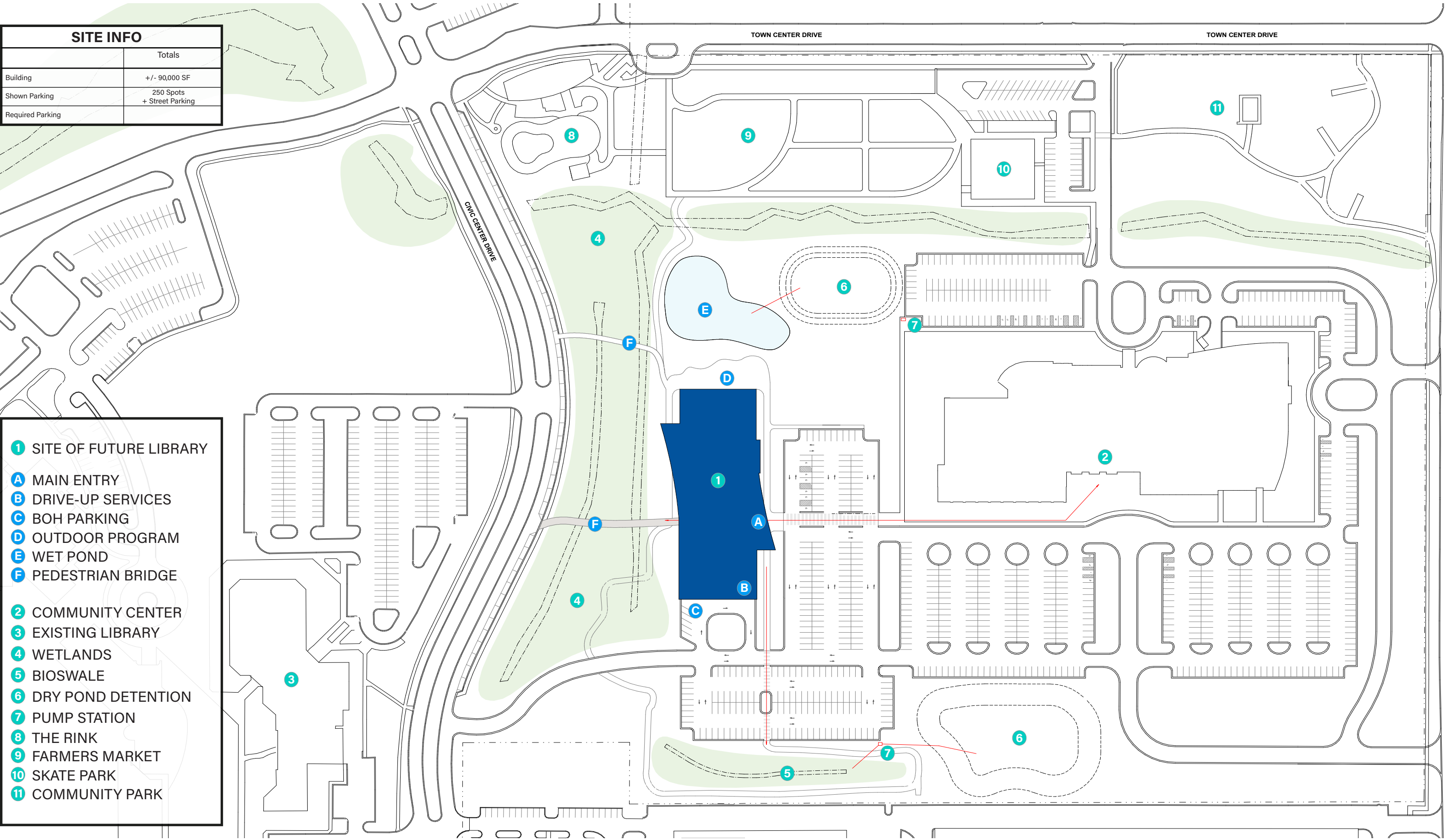






PRELIMINARY EXTERIOR PALETTE
TROY PUBLIC LIBRARY

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SITE FROM CIVIC CENTER DR.

TROY PUBLIC LIBRARY



PRELIMINARY EXTERIOR RENDER
TROY PUBLIC LIBRARY



PRELIMINARY EXTERIOR RENDER
TROY PUBLIC LIBRARY

PROPOSED NEXT STEPS

Proposed Next Steps		
1.	Complete PH I 30% Schematic Design	May 30, 2025
	Complete Concept Design	
	Complete 30% SD Estimate	
2.	Council Presentation	June 09, 2025
3.	Campaign Prep	
4.	Bond Proposal	Nov 05, 2025
5.	Schematic Design	Dec '25 - March '26
6.	Design Development	April '26 - July '26
7.	Construction Documents	Aug '26 - Jan '27
8.	Bidding	Feb '27 - March '27
9.	Possible Construction Start	April 2027