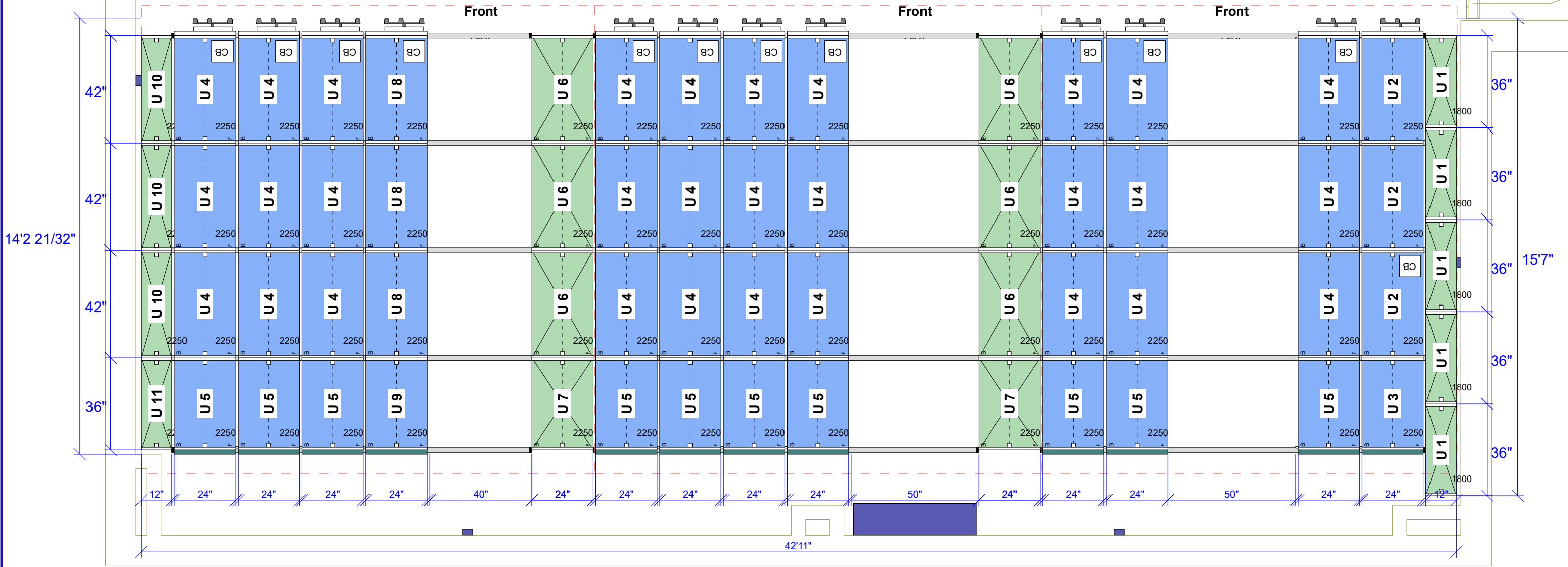


Left Module

Middle Module

Right Module



- Stationary Shelving
- Mobile Shelving

Capacity for 21,630-43,260 books (depending on book size)



Project Name:
University City Public Library-Basement Book Storage (Dbl Faced Shelving)

Project #:
31211

Drawn by:
TO

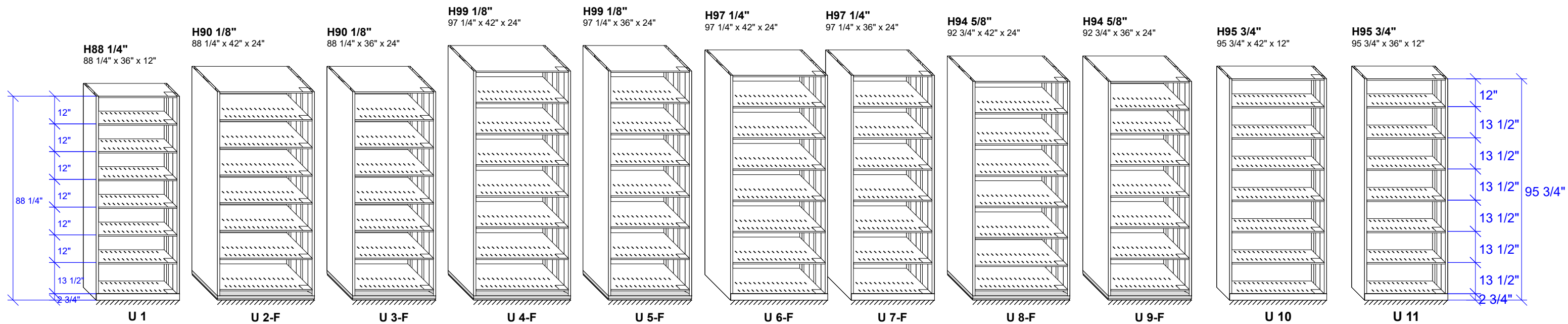
Date Printed:
10/05/2020

Scale
1:38

Rev level:

APPROVAL
 This drawing Approved By: _____

Dated _____



Project Name:

University City Public Library-Basement Book Storage (Dbl Faced Shelving)

Project #:
31211

Drawn by:
TO

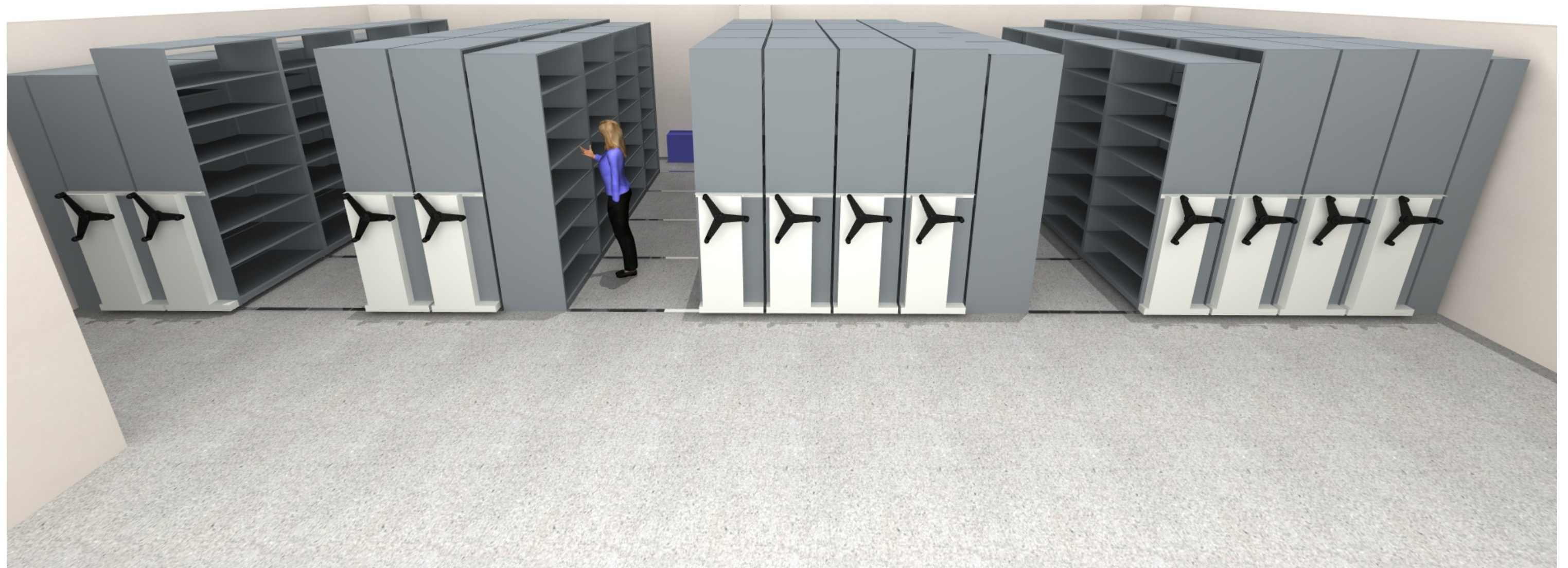
Date Printed:
10/05/2020

Scale
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Rev level:

APPROVAL
This drawing Approved By:

Dated _____



Project Name:

University City Public Library-Basement Book Storage (Dbl Faced Shelving)

Project #:
31211

Drawn by:
TO

Date Printed:
10/05/2020

Scale
1:17

Rev level:

APPROVAL
This drawing Approved By:

Dated _____

Left Module

System Weight Summary Report

Total media weight	19,404.00 lbs	
Total equipment weight	3,990.01 lbs	
Total picklist weight	0.00 lbs	
Total aisle weight (15 lbs/ft ²)	1,199.25 lbs	
Total system (media, equipment and aisle) weight	24,593.26 lbs	
Total Foot-Print area	216.43 ft ²	
Total weight load per square foot (avg unit load)	113.63 lbs/ft ²	
Maximum Deflection Allowed is:	L/700	
Weight load (line load*) under front rail	2,713.70 lbs	230.95 lbs/ft
Weight load (line load*) under rail no. 2	5,369.46 lbs	456.97 lbs/ft
Weight load (line load*) under rail no. 3	5,369.46 lbs	456.97 lbs/ft
Weight load (line load*) under rail no. 4	4,987.24 lbs	424.45 lbs/ft
Weight load (line load*) under back rail	2,311.77 lbs	196.75 lbs/ft

*Line Load calculations do not include weight of adjacent static shelving, floor, ramp, or aisles.



Project Name: **University City Public Library-Basement Book Storage (Dbl Faced Shelving)**

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Saved Date: 10/05/2020	Project No: 31211
Printed Date: 10/05/2020	Revision:
Scale: 1:20	Total Actual LFI: 32452 LFI
Rep:	Drwn by: TO
	Sheet No: 4 of 6

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Middle Module

System Weight Summary Report

Total media weight	21,560.00 lbs	
Total equipment weight	4,269.30 lbs	
Total picklist weight	0.00 lbs	
Total aisle weight (15 lbs/ft ²)	1,409.06 lbs	
Total system (media, equipment and aisle) weight	27,238.36 lbs	
Total Foot-Print area	247.29 ft ²	
Total weight load per square foot (avg unit load)	110.15 lbs/ft ²	
Maximum Deflection Allowed is:	L/700	
Weight load (line load*) under front rail	2,715.31 lbs	215.79 lbs/ft
Weight load (line load*) under rail no. 2	5,371.32 lbs	426.86 lbs/ft
Weight load (line load*) under rail no. 3	5,371.32 lbs	426.86 lbs/ft
Weight load (line load*) under rail no. 4	4,989.08 lbs	396.48 lbs/ft
Weight load (line load*) under back rail	2,313.34 lbs	183.84 lbs/ft

*Line Load calculations do not include weight of adjacent static shelving, floor, ramp, or aisles.



Project Name:
University City Public Library-Basement Book Storage (Dbl Faced Shelving)

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Scale: 1:20	Total Actual LFI: 32452 LFI
Rep:	Drwn by: TO
	Sheet No: 5 of 6

Right Module

System Weight Summary Report

Total media weight	21,900.00 lbs	
Total equipment weight	4,746.90 lbs	
Total picklist weight	0.00 lbs	
Total aisle weight (15 lbs/ft ²)	1,409.06 lbs	
Total system (media, equipment and aisle) weight	28,055.96 lbs	
Total Foot-Print area	265.17 ft ²	
Total weight load per square foot (avg unit load)	105.80 lbs/ft ²	
Maximum Deflection Allowed is:	L/700	
Weight load (line load*) under front rail	2,712.23 lbs	215.54 lbs/ft
Weight load (line load*) under rail no. 2	5,365.18 lbs	426.37 lbs/ft
Weight load (line load*) under rail no. 3	5,365.18 lbs	426.37 lbs/ft
Weight load (line load*) under rail no. 4	4,983.37 lbs	396.03 lbs/ft
Weight load (line load*) under back rail	2,310.71 lbs	183.63 lbs/ft

*Line Load calculations do not include weight of adjacent static shelving, floor, ramp, or aisles.



Project Name:

University City Public Library-Basement Book Storage (Dbl Faced Shelving)

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Printed Date: 10/05/2020	Revision:
Scale: 1:20	Total Actual LFI: 32452 LFI
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	Sheet No: 6 of 6