

An aerial photograph of the Belmont Public Library and its surroundings. The library building is a large, multi-story structure with a flat roof, situated in the center-right of the image. To its left is a large parking lot filled with cars. Further left is a multi-lane road with more parked cars. In the top left corner, there is a smaller building with a curved roof and a paved area. The background is filled with dense trees. The entire image is overlaid with a semi-transparent dark grey filter.

Belmont Public Library

LBC Meeting #14 August 6, 2019

Oudens Ello Architecture

BELMONT PUBLIC LIBRARY

336 CONCORD AVENUE, BELMONT, MA 02478



OWNER

TOWN OF BELMONT
19 MOORE STREET
BELMONT, MA 02478
T. 617.993.2640

OWNER'S PROJECT MANAGER

DAEDALUS PROJECTS, INC.
1 FANEUIL HALL MARKETPLACE
SOUTH MARKET BUILDING SUITE 4195
BOSTON, MA 02109
T. 617.451.2717



LOCUS EXISTING PLAN
N.T.S.



100% SCHEMATIC DESIGN SET
August 9, 2019

ce **UDENS ELLO ARCHITECTURE, LLC**
46 WALTHAM STREET, SUITE 4A
BOSTON, MA 02118
T. 617.422.0980

CIVIL ENGINEER

NITSCH ENGINEERING
2 CENTER PLAZA, SUITE 430
BOSTON, MA 02108
T. 617.338.0063

LANDSCAPE ARCHITECT

STIMSON
288 NORFOLK ST.
CAMBRIDGE, MA 02139
T. 617.876.8960

STRUCTURAL ENGINEER

LeMESSURIER
1380 SOLDIERS FIELD RD.
BOSTON, MA 02135
T. 617.868.1200

MEP / FP ENGINEER

WSP
75 ARLINGTON ST.
BOSTON, MA 02116
T. 617.426-7330

CODE / LIFE SAFETY

CODE RED CONSULTANTS
154 TURNPIKE RD., SUITE 200
SOUTHBOROUGH, MA 01772
T. 617.500.7633

COST ESTIMATOR

A. M. FOGARTY & ASSOC.
175 DERBY ST.
HINGHAM, MA 02043
T. 855.393.5808

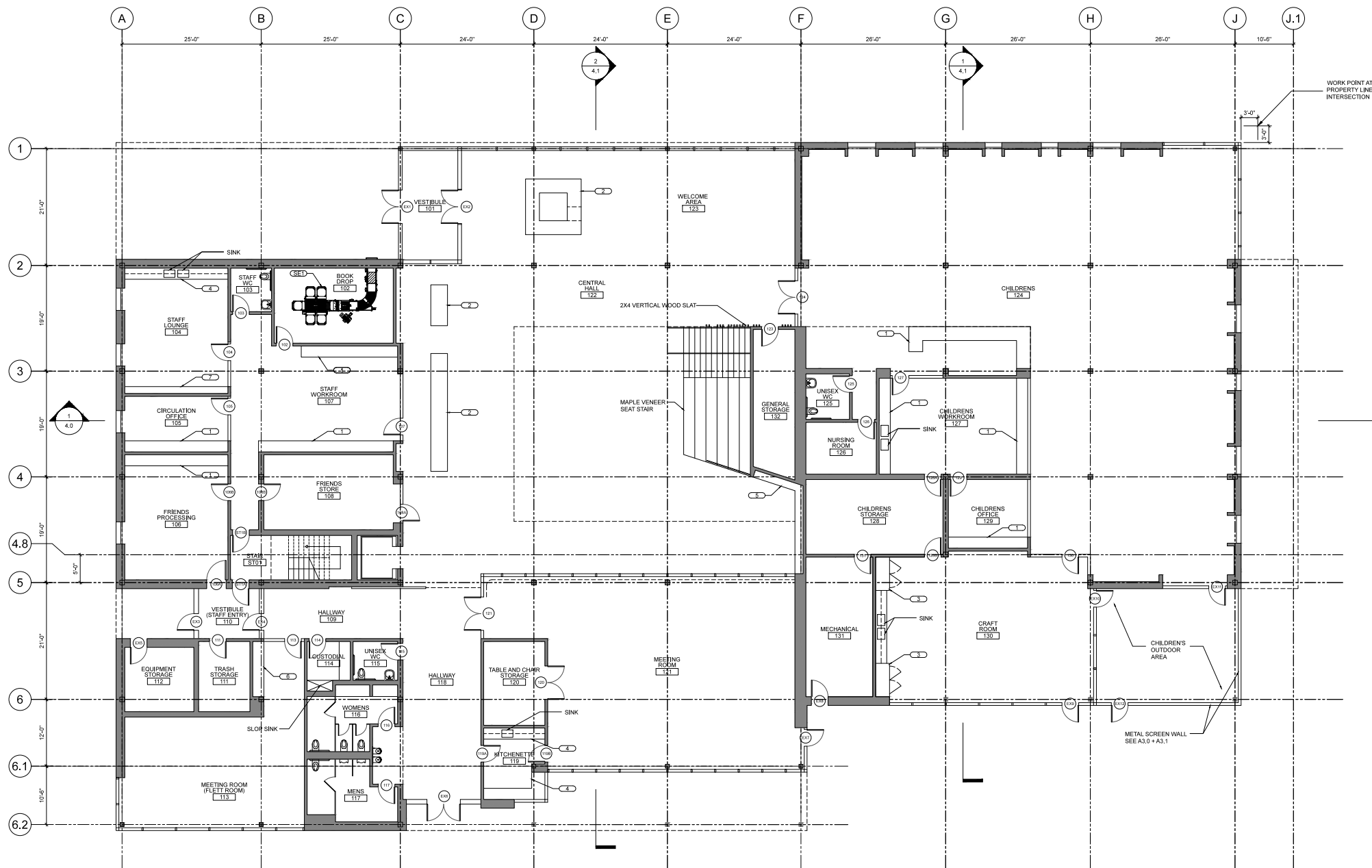
SPECIFICATIONS

KALIN ASSOCIATES
1121 WASHINGTON ST.
NEWTON, MA 02465
T. 617.964.5477

SUSTAINABILITY

THE GREEN ENGINEER, INC.
23 BRADFORD ST.
CONCORD, MA 01742
T. 878.369.8978

Ground Floor Plan



BUILT-IN CASEWORK KEY

	TYPICAL OFFICE / WORKSTATION		CRENDENZA		36" HIGH MAPLE VENEER CONSTRUCTION WITH SOLID SURFACE COUNTERTOP. REFER TO SAMPLE DRAWINGS ON A8.3
	CIRCULATION DESK / SERVICE POINT		LOCKERS		84" HIGH, 3" MOO DOORS WITH HARDWOOD EDGE AND PAINTED INTERIOR FINISH.
	FULL-HEIGHT CLOSET		CLAPLIN GLASS DISPLAY CASE		78" HIGH, 3" TEMPERED GLASS SLIDING DOOR AND 3" TEMPERED GLASS SHELF WITH RAKKS SHELF BRACKETS. REFER TO SAMPLE DRAWINGS ON A8.0
	KITCHEN		BANQUETTE		18" HIGH MAPLE VENEER BENCH CONSTRUCTION WITH SOLID MAPLE EDGE
	CUSTOM BUILT-IN BOOKSHELVES		CUSTOM BUILT-IN BOOKSHELVES WITH GUARDRAIL		30" HIGH MAPLE VENEER AND HARDWOOD SHELVEING. REFER TO SAMPLE DRAWINGS ON A8.3

SPECIAL EQUIPMENT KEY

	AUTOMATED MATERIALS HANDLING UNIT	GENERIC 5-BIN BARCODE-ONLY SORTER BY TECH LOGIC
	COMPACT STORAGE UNITS	80" HIGH COMPACT STORAGE UNITS ON METAL TRACK BY DONNEGAN SYSTEMS, INC.

1 GROUND FLOOR PLAN
SCALE: 1/8" = 1'



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Revision:	Date:
SD Check Set	07.28.19
SD Cost Estimate Set	08.09.19

Sheet Title:	GROUND FLOOR PLAN
Sheet No.:	08/09/19
Scale:	1/8" = 1'-0"
Drawn:	PC
Checked:	CE
Project No.:	1805

Sheet No.:	A
	1.1



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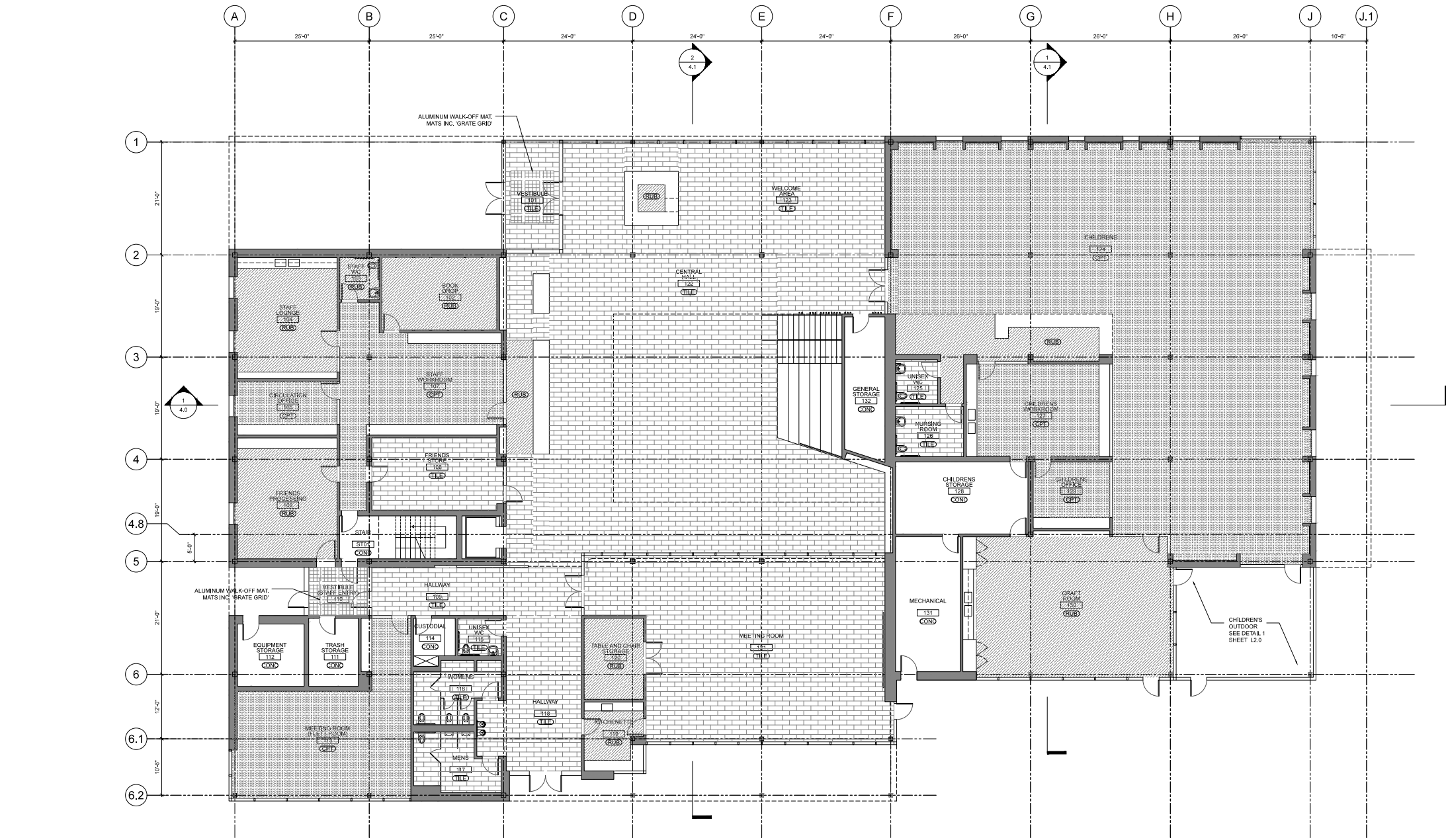
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40 Walnut Street, Suite 200, Belmont, MA 02118
TEL: 617.222.0800 FAX: 617.222.0801

Revision:	Date:
SD Check Set	07.28.19
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Sheet Title:
GROUND FLOOR FINISH PLAN

Code: 08.09.19
Scale: 1/8" = 1'-0"
Drawn: PC
Checked: CE
Project No: 1805

Sheet No.:
**A
1.1A**



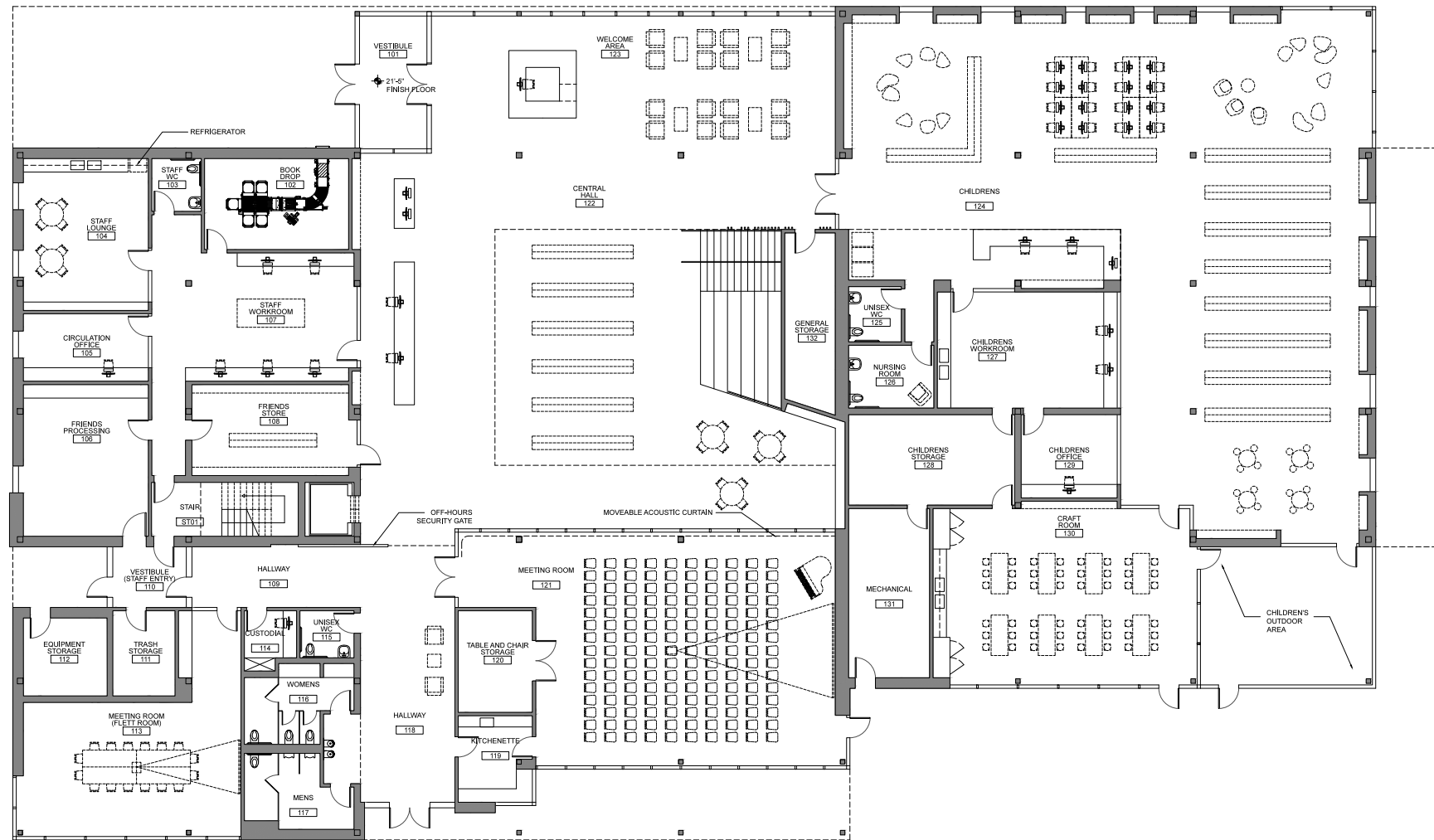
MATERIAL KEY	
	CP-T CARPET TILE
	RUB RUBBER TILE FLOORING
	PTD PORCELAIN TILE
	COND CONCRETE - TROWELED FINISH

1 GROUND FLOOR FINISH PLAN
SCALE: 1/8" = 1'



Ground Floor Plan - Materials

Ground Floor Plan - Furniture



1 GROUND FLOOR FURNITURE PLAN
SCALE: 1/8" = 1'



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GROUND FLOOR FURNITURE PLAN

Sheet Title:

Date: 08/09/19
Scale: 1/8" = 1'-0"
Drawn: PC
Checked: CE
Project No: 1805

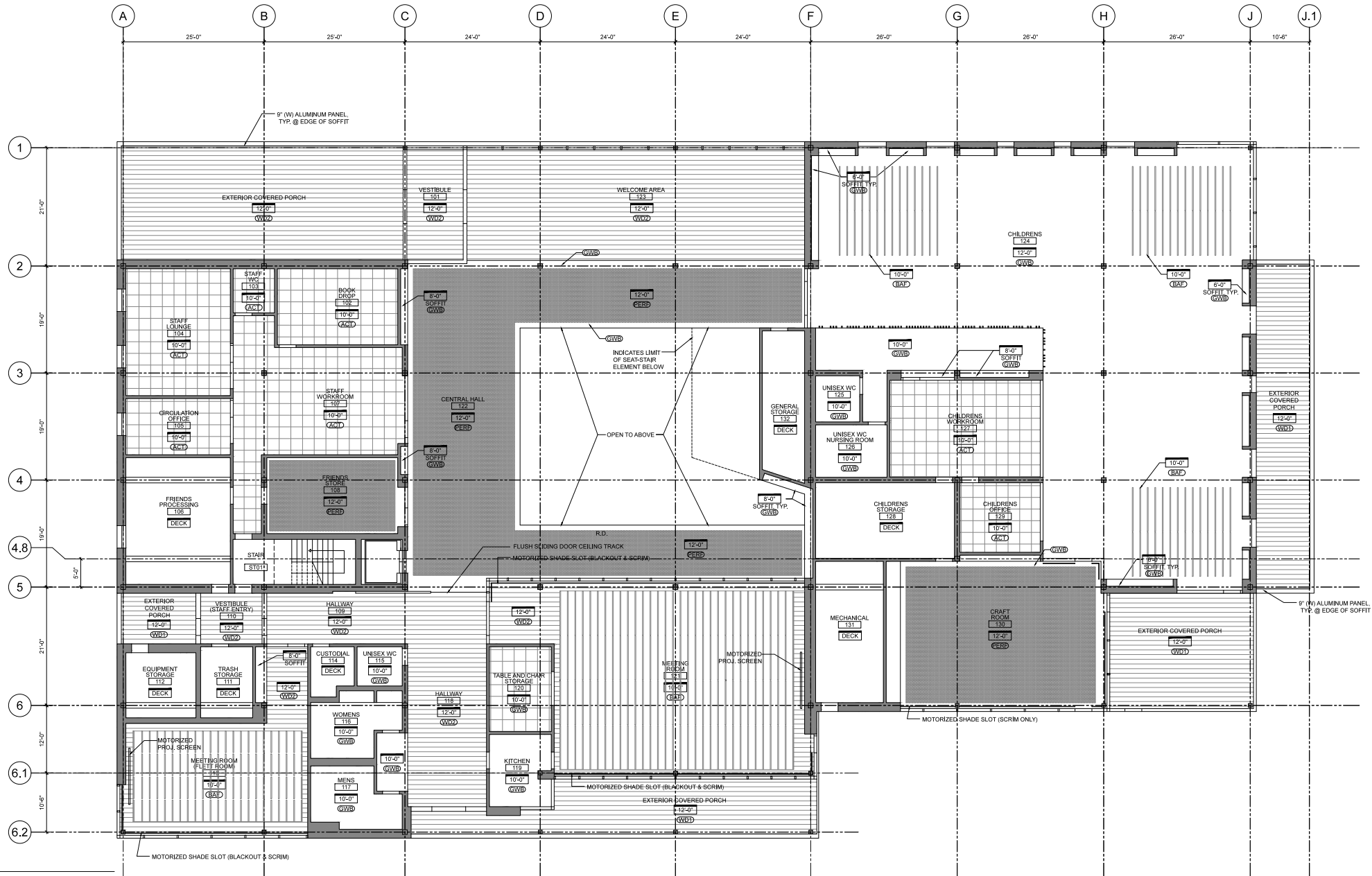
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1.1B**

Revision:	Date:
SD Check Set	01.15.19
SD Cost Estimate Set	08.09.19

Date:	08/29/19
Scale:	1/8" = 1'-0"
Drawn:	PC
Checked:	CE
Project No:	1805

MATERIAL KEY

ACT	ACOUSTIC CEILING TILE: ARMSTRONG ULTIMA 2x2 MINERAL FIBER REGULAR CEILING TILE IN SILOUHETTE XL 8'15" W/ 1'6" REVEAL SUSPENSION GRID
ACTD	ACOUSTIC CEILING TILE: ARMSTRONG ULTIMA 2x4 MINERAL FIBER REGULAR CEILING TILE IN SILOUHETTE XL 8'15" W/ 1'6" REVEAL SUSPENSION GRID
BAP	ACOUSTIC BAFFLE: ARMSTRONG SOUNDSCAPES BLADES (16" DEEP X 8' LONG) SUSPENDED FROM DECK
EXP	EXPOSED STRUCTURE (REFER TO FP DRAWINGS FOR EXPOSED SPRINKLER PIPES AND HEADS)
GWB	GYPSUM WALL BOARD
GWRD	PERFORATED GYPSUM SONUS WITH ROUND PERFORATIONS. INSTALL 2" FIBERGLASS INSULATION IN CEILING CAVITY BEHIND PERFORATIONS
WWD	5" SHIPLAP ALASKAN YELLOW CEDAR WITH BLEACHING STAIN
WWD	5" SHIPLAP MAPLE BOARD, CLEAR SEALED
WWD	SUSPENDED WOOD GRILLE CEILING SYSTEM, 2 1/2" X 5 1/8" BOARDS @ 2" O.C. WITH BLACK HIGH DENSITY FIBERGLASS BACKING
EXP	EXPOSED DECK



1 GROUND FLOOR RCP
SCALE: 1/8" = 1'



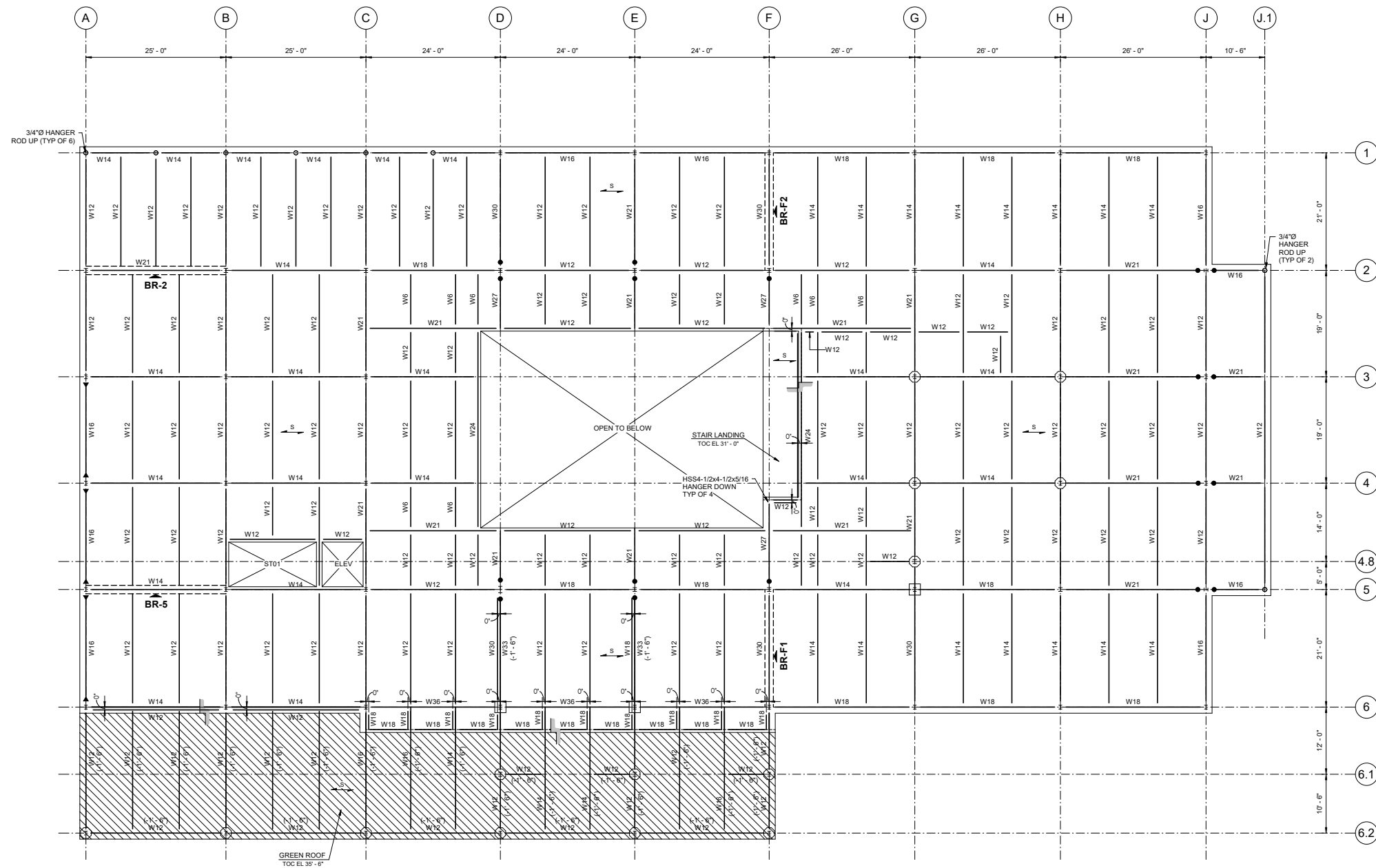
Ground Floor Plan - Reflected Ceiling Plan

[illegible]

LEVEL 2 FRAMING PLAN

Date:	07/15/19
Scale:	1/8" = 1'-0"
Drawn:	Author
Checked:	Checker
Project No:	37158

Sheet No.: S1.02



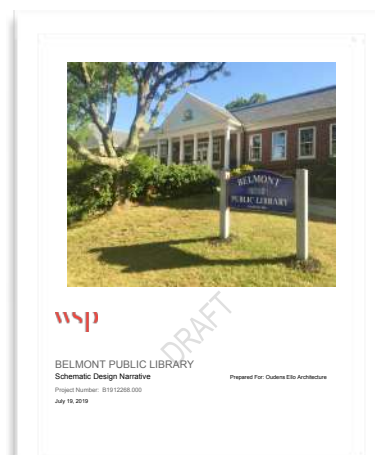
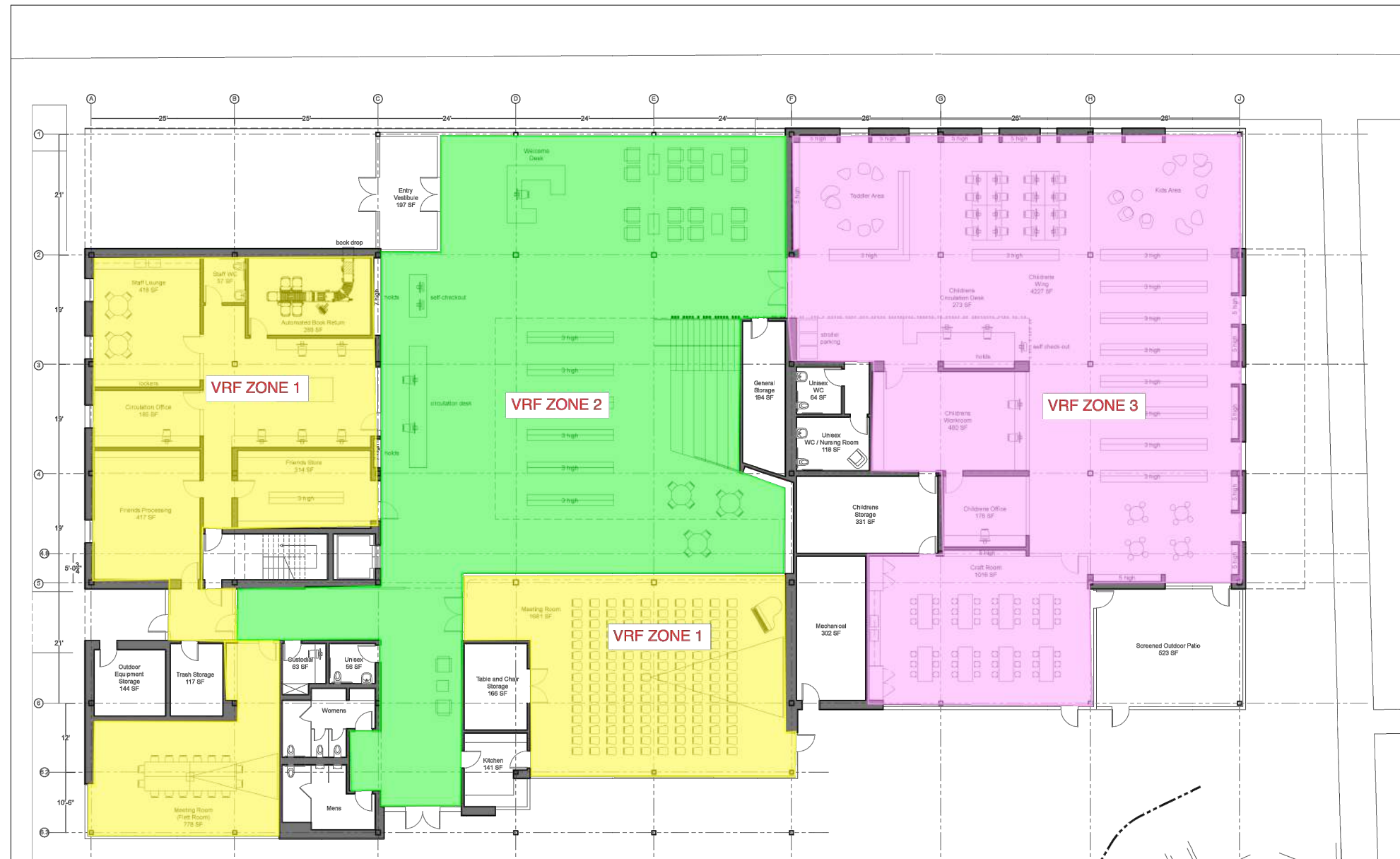
1. SLAB CONSTRUCTION SHALL BE 3 1/4" LIGHTWEIGHT CONCRETE ON 3" METAL DECK (TOTAL THICKNESS = 6 1/4").

 INDICATES WHERE SLAB CONSTRUCTION SHALL BE 3 1/4" LIGHTWEIGHT CONCRETE ON 3", 18 GAUGE, GALVANIZED STEEL ROOF DECK.

3. TOP OF CONCRETE AT ELEVATION 37' - 0", UNLESS NOTED OTHERWISE.
TOP OF STEEL AT ELEVATION 36' - 5 3/4", UNLESS NOTED (+) OR (-) ON PLAN.

1. FOR GENERAL NOTES AND ABBREVIATIONS, SEE DRAWINGS 50.01 THRU 50.XX.
FOR TYPICAL DETAILS, SEE DRAWINGS 50.XX THRU 50.XX.
2. FOR COLUMN SCHEDULE AND DETAILS SEE DRAWING 52.XX.
3. INDICATES SPAN DIRECTION OF COMPOSITE DECK.
4. INDICATES SPAN DIRECTION OF STEEL ROOF DECK.
5. **BR-1**, ETC, INDICATES BRACING. SEE ELEVATIONS ON DRAWINGS S2.21.
6. FOR BEAM EXPLANATION DIAGRAM SEE DETAIL X ON DRAWING 50.XX.
7. INDICATES MOMENT CONNECTION. SEE DETAIL X ON DRAWING 50.XX.
8. INDICATES MOMENT FRAME CONNECTION. SEE DETAIL X ON DRAWING 50.XX.
9. INDICATES OPENING IN WEB OF BEAM. SEE DETAIL X ON DRAWING 50.XX.
10. INDICATES SHEAR PLATE CONNECTION. SEE DETAIL X ON DRAWING 50.XX.
11. INDICATES STEP IN STRUCTURAL SLAB. SEE DETAIL X ON DRAWING 50.XX.

Ground Floor Plan - Mechanical Systems



1 GROUND FLOOR VRF ZONING
SCALE: 1/16" = 1'



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10 Rev	07.28.19

Sheet Title:
VRF ZONING

Scale: 07.28.19
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Project No: 1895

Sheet No:
M 1.0



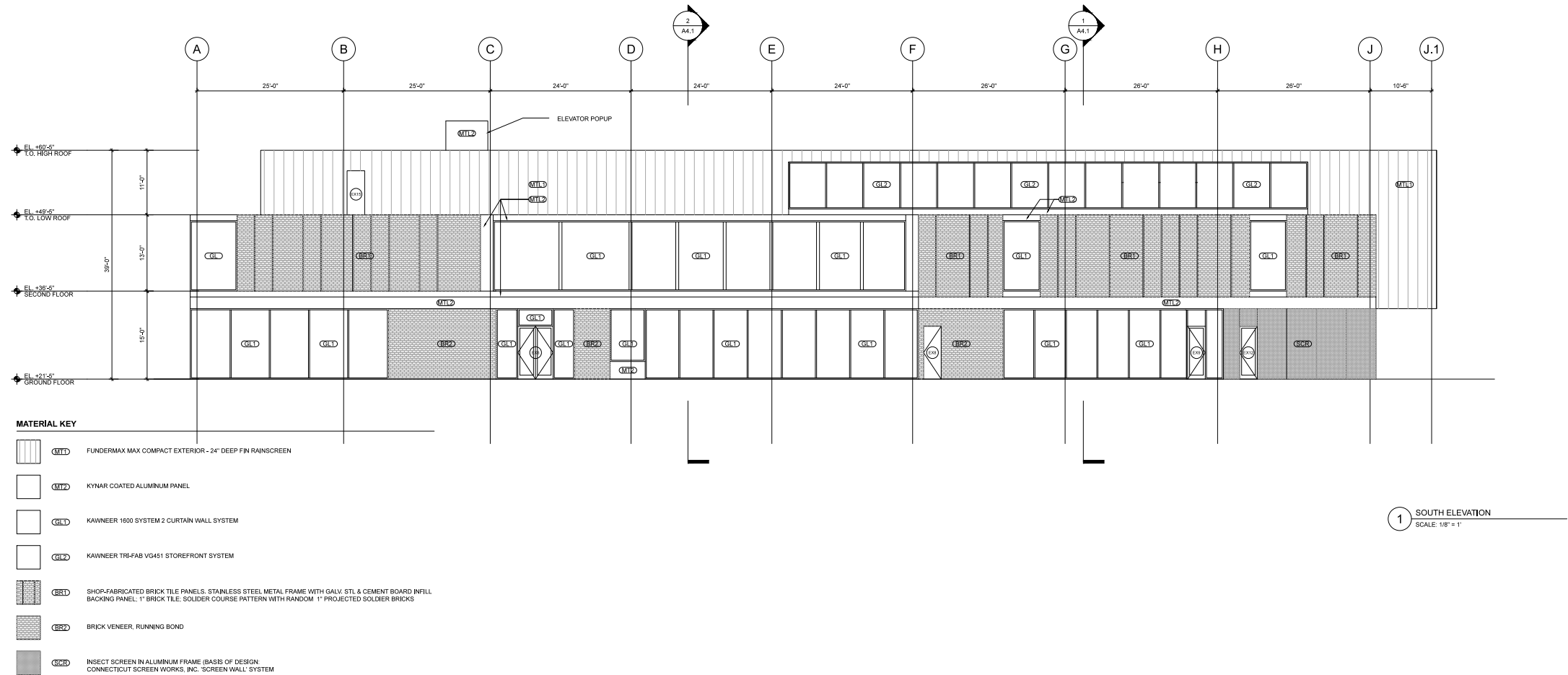
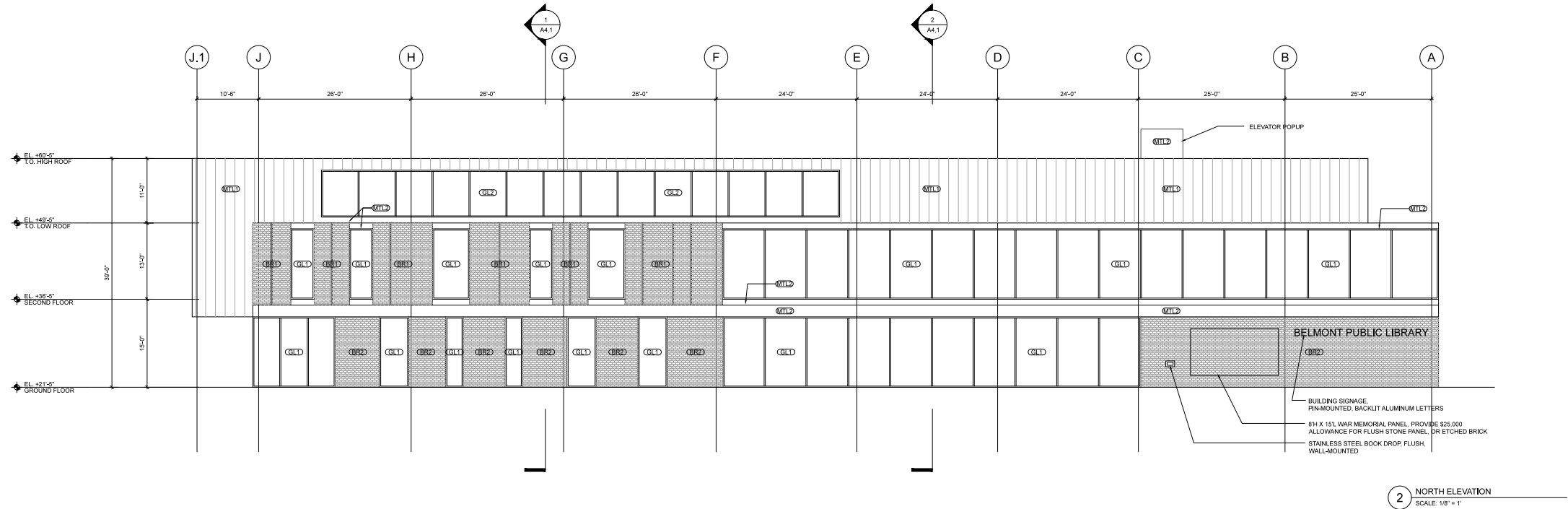
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SD Cost Estimate Set	08.09.19

Sheet Title:
EXTERIOR ELEVATIONS

Date:	08/09/19
Scale:	1/8" = 1'-0"
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Project No:	1805

Sheet No.:
A 3.0



Exterior Elevations

ce



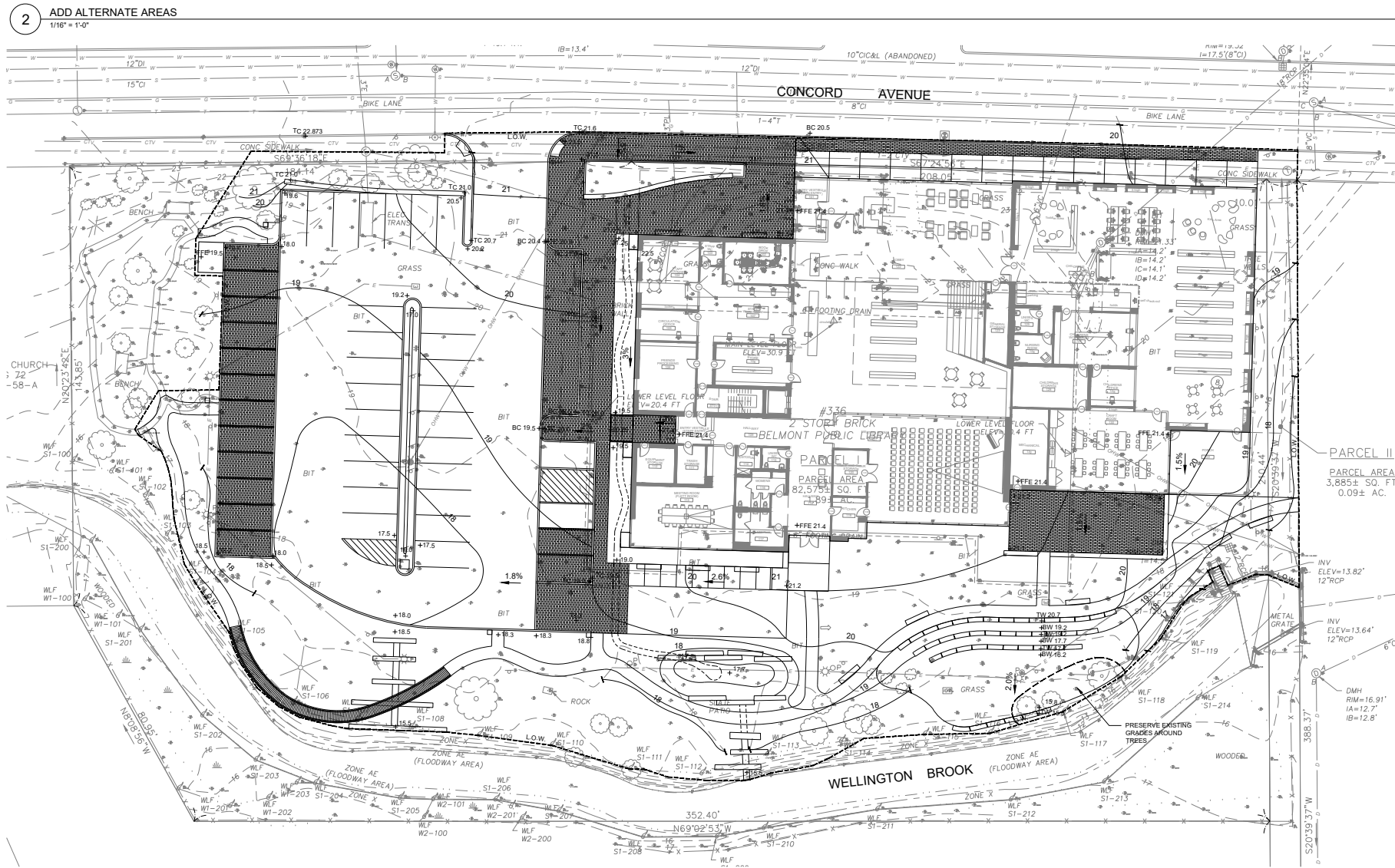
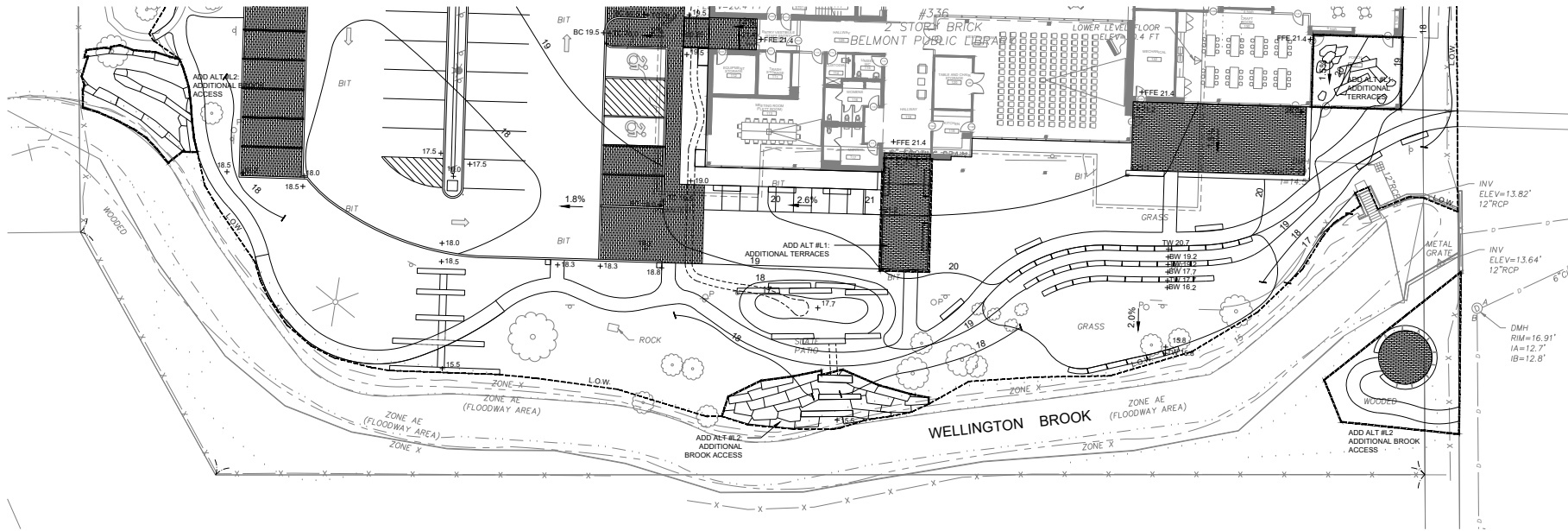
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Sheet Title: ROOM FINISH SCHEDULE

Date:	08.09.19
Scale:	
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Project No: 1805	



GRADING NOTES

1. Install staked haybale siltation fence at edge of proposed grading as shown. Maintain haybale fence in good condition throughout project.
2. The locations of utilities shown on the plan are approximate. The contractor shall call Dig-Safe to verify the precise location of all utilities on-site before initiating demolition activities and protect existing utilities throughout construction. Any utilities damaged by construction activities will be repaired by the contractor at no cost to the owner.
3. Provide samples of materials proposed for use for the review of the Landscape Architect, including fill, topsoil, planting soil, and pavements. Suitable excavated materials removed to accommodate new construction may be used as fill material subject to the approval of the Landscape Architect. Soil test reports for topsoil shall be provided by the contractor through the University of Massachusetts soil testing laboratory.
4. Promptly notify the Landscape Architect of unexpected sub-surface conditions. Contractor to set grade stakes showing lines and elevations for review and approval by the Landscape Architect prior to rough grading.
5. Perform grading within contract Limits of Construction, including adjacent transition areas, to new elevations, levels, profiles, and contours indicated. Provide subgrade surfaces parallel to finished surface grades. Provide uniform levels and slopes between new elevations and existing grades. Grade surfaces to assure areas drain away from structures and to prevent ponding and pockets of surface drainage.
6. Topsoil to be installed shall be natural, friable, fertile soil characteristic of productive soil in the vicinity, reasonably free of stones, clay lumps, roots, and other foreign matter. Do not use muddy topsoil. Place during dry weather. Allow for 6" average depth of topsoil screened for lawn areas, and 12" depth at planting areas, except as otherwise indicated on the drawings.
7. Fine grade topsoil eliminating rough and low areas to ensure positive drainage. Maintain levels, profiles, and contours of subgrades.
8. Protect finish graded areas from traffic and erosion. Keep free of trash and debris. Repair and re-establish grades in settled, eroded, and damaged areas. Where completed areas are disturbed by construction operations or adverse weather, scarify, re-shape, and compact to required density.
9. Upon completion of earthwork operation, clean areas within contract limits, remove tools, and equipment. Provide site clear, clean, free of debris, and suitable for further site work operations.

GRADING LEGEND

- XXXXX EXISTING SPOT ELEVATION
- X— EXISTING CONTOUR
- XXXX+ PROPOSED SPOT ELEVATION
- X— PROPOSED CONTOUR

Revision:
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Sheet Title:

GRADING PLAN

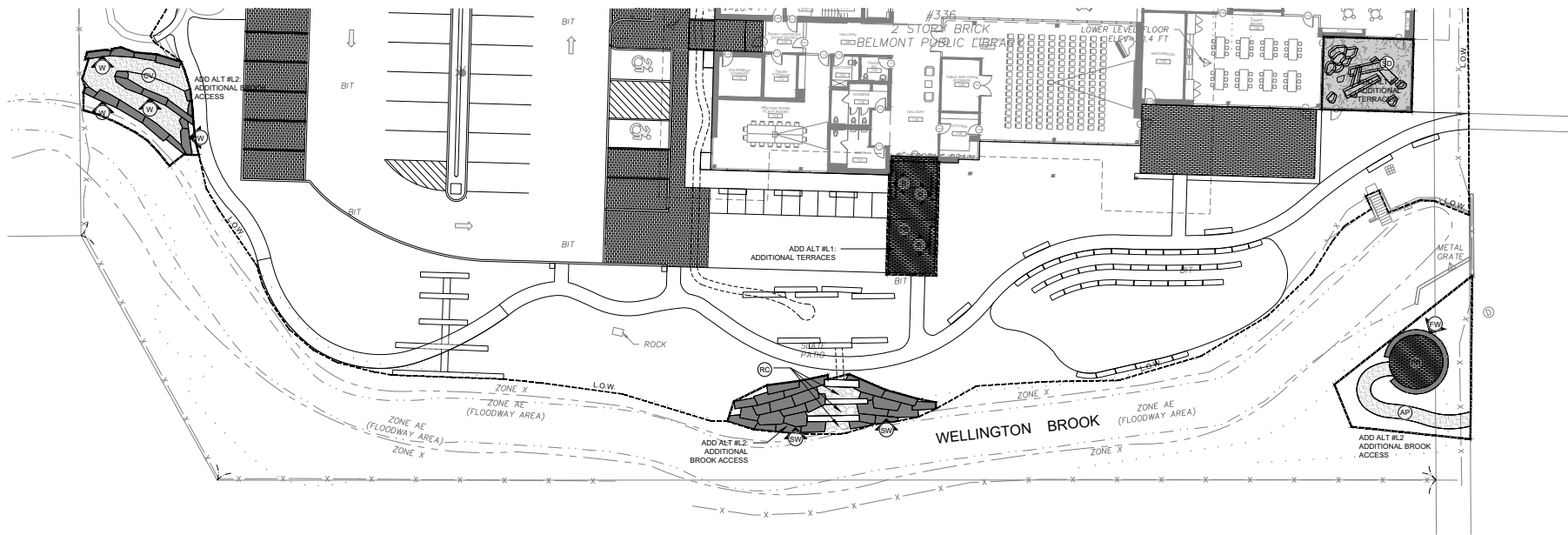
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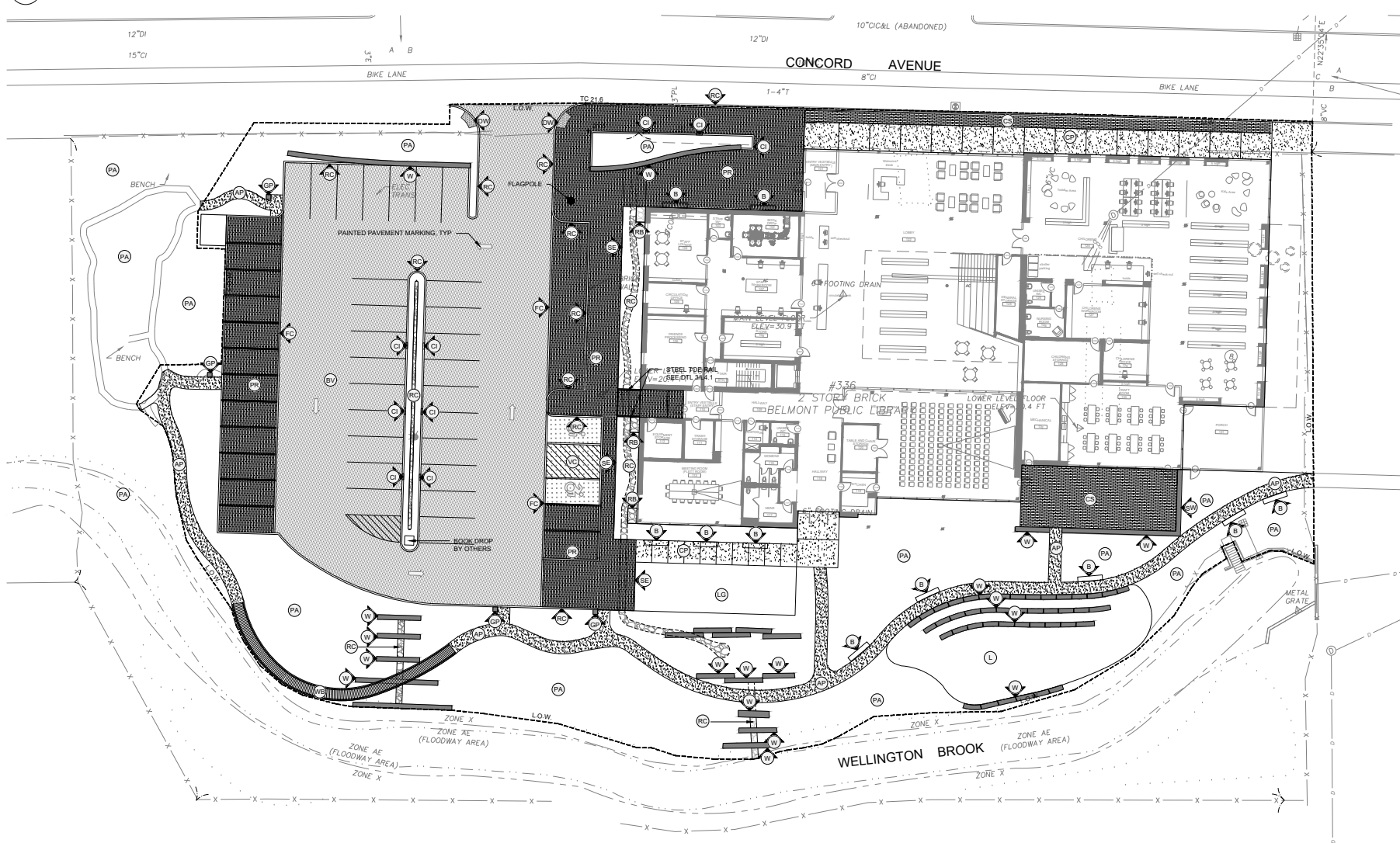
Sheet No.:

L1.0

Landscape Drawings



2 ADD ALTERNATE AREAS
1/16" = 1'-0"



1 BASE SCOPE
1/16" = 1'-0"

MATERIALS LEGEND

	BITUMINOUS CONCRETE PAVEMENT	1 14.0
	BITUMINOUS CONCRETE - POROUS	2 14.0
	PERMEABLE CONCRETE UNIT PAVERS	3 14.0
	CONCRETE UNIT PAVERS OVER STRUCTURAL SOIL	4 14.0
	CONCRETE PAVEMENT - PEDESTRIAN	5 14.0
	CONCRETE PAVEMENT - VEHICULAR	6 14.0
	STABILIZED AGGREGATE	7 14.0
	STEPPED GRANITE BLOCKS	8 14.0
	GRANITE BLOCK WALL ON GRADE BEAM	9 14.0
	STACKED STONE WALL	10 14.0
	GRANITE POST	11 14.0
	RAISED GRANITE CURB	12 14.0
	FLUSH GRANITE CURB	13 14.0
	CURB INLET	14 14.0
	STEEL EDGING	15 14.0
	RIVER STONE	16 14.0
	STEEL SPLASH BOX	17 14.0
	WOOD BOARDWALK WITH GUARDRAIL	1 14.1
	WOOD BENCH	2 14.1
	ADA CURB CUT RAMP WITH DETECTABLE WARNING PAVERS	4 14.1
	PLANTED AREA	SEE PLANTING PLAN L3.0
	LAWN	SEE PLANTING PLAN L3.0
	LAWN WITH GEO GRID STABILIZED	SEE PLANTING PLAN L3.0



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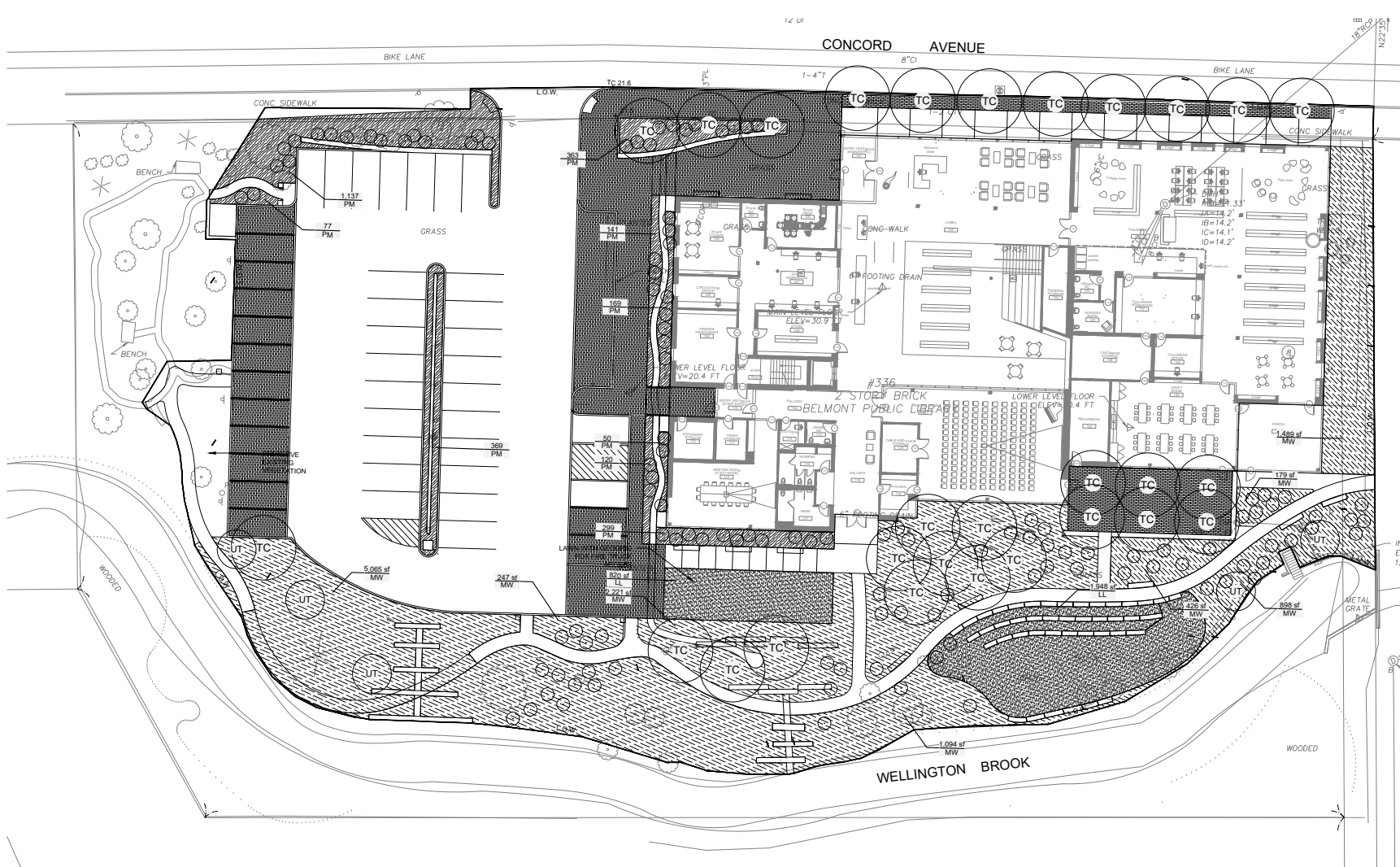
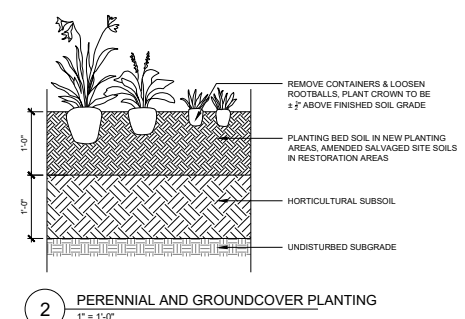
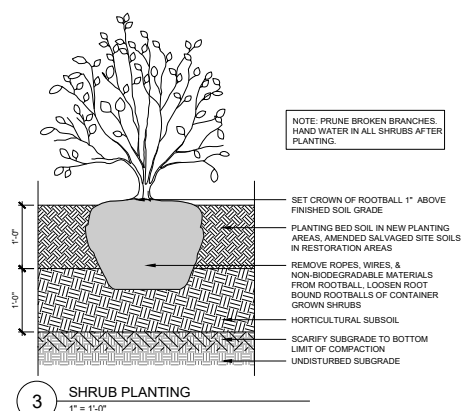
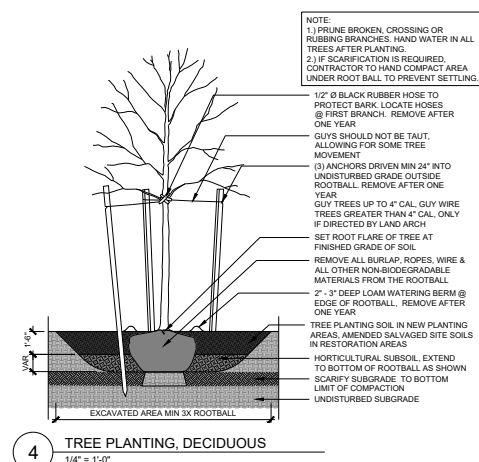
MATERIALS AND LAYOUT PLAN

Sheet Title

Date:	07.28.19
Scale:	AS SHOWN
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Checked:	OV
Project No.:	1805

L2.0

Exterior Elevations



PLANT SCHEDULE							
TREES	CODE	BOTANICAL / COMMON NAME	CONT	CAL	SIZE	QTY	REMARKS
	TC	Canopy Tree	B & B	3" Cal		28	
	UT	Understory Tree	B & B		10-12 HT	5	
SHRUBS	CODE	BOTANICAL / COMMON NAME	CONT	O.C.	SIZE	QTY	REMARKS
	SN	Shrub	B & B		3' HT	123	
GROUND COVERS	CODE	BOTANICAL / COMMON NAME	CONT	SPACING	FIELDS	SPACING	QTY
	LL	Lawn seed mix / Lawn	seed				2,768 sf
	MW	Meadow Seed Mix	seed				12,919 sf
	PM	Perennial Bed Mix	1 gal			12" o.c.	2,725

Finish Schedule

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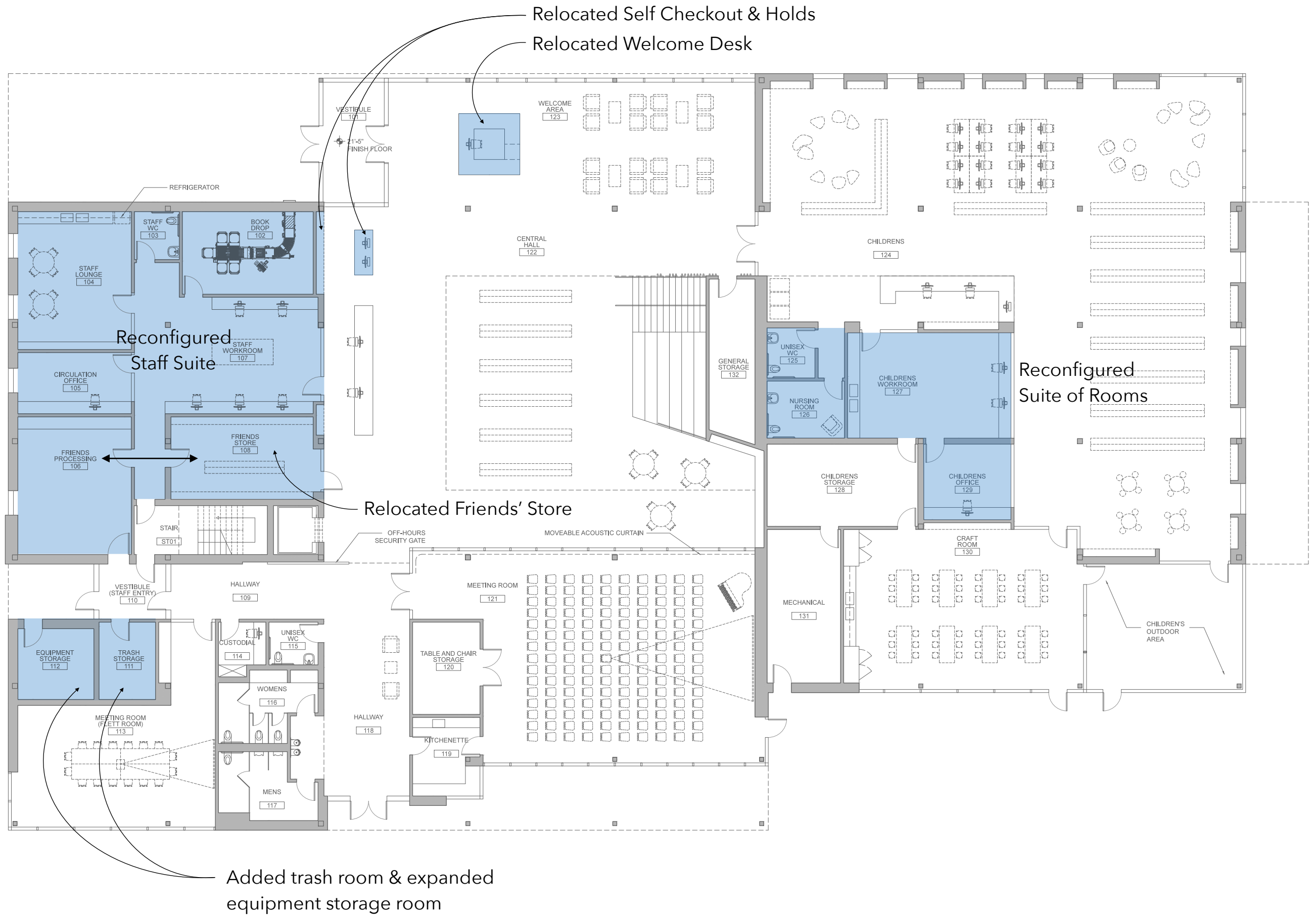
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PLANTING PLAN

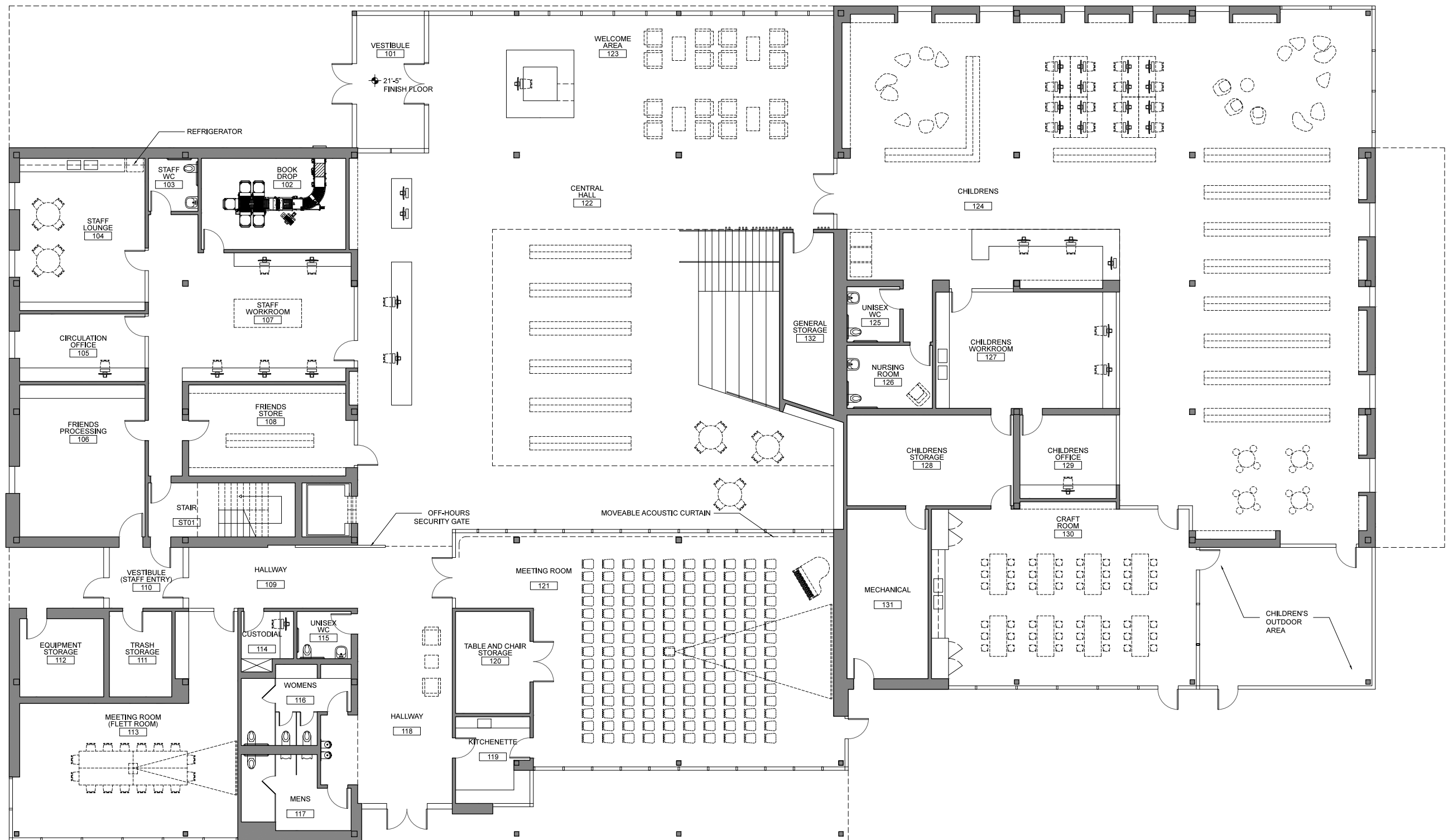
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Project No: 1805

Sheet No.: **L3.0**

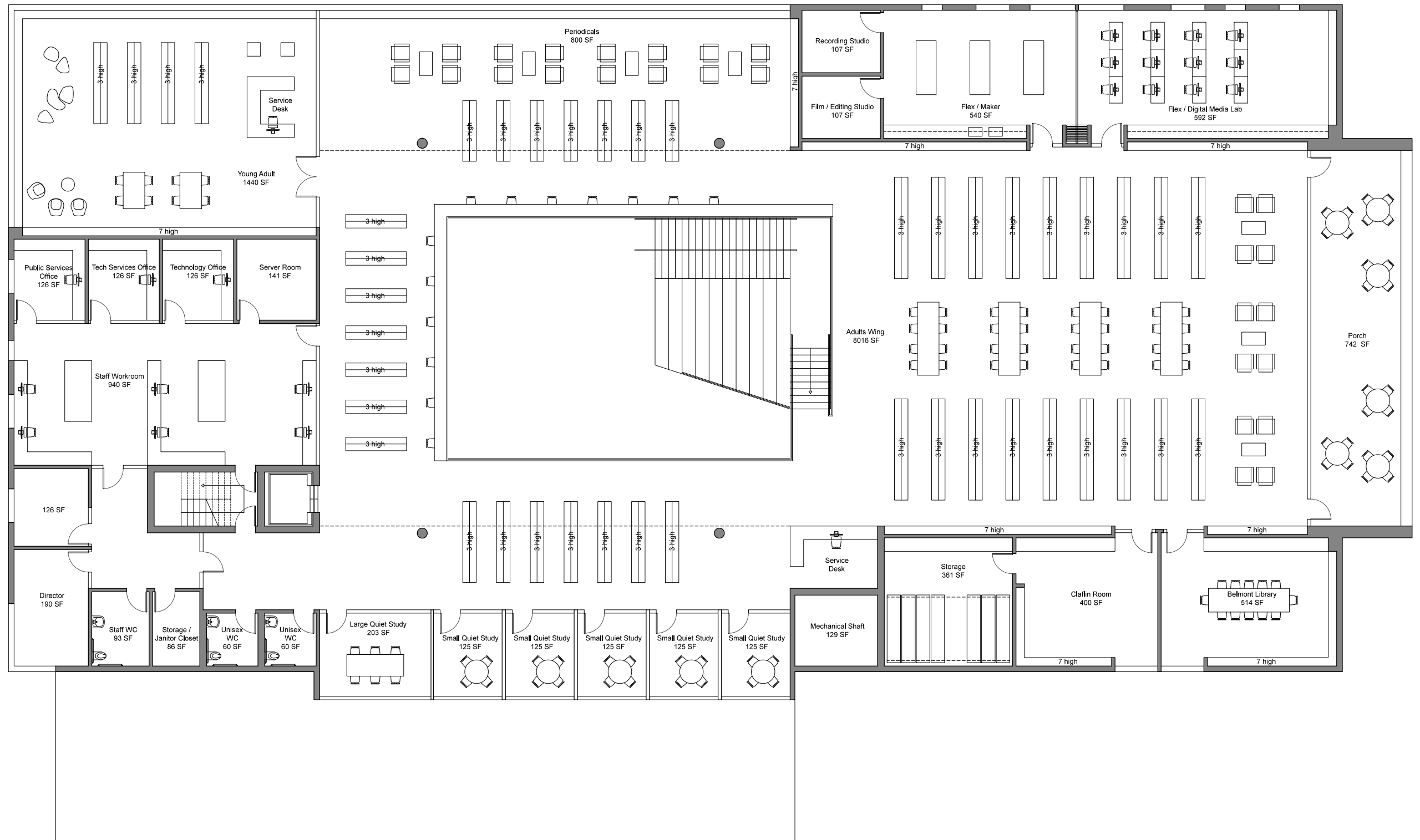




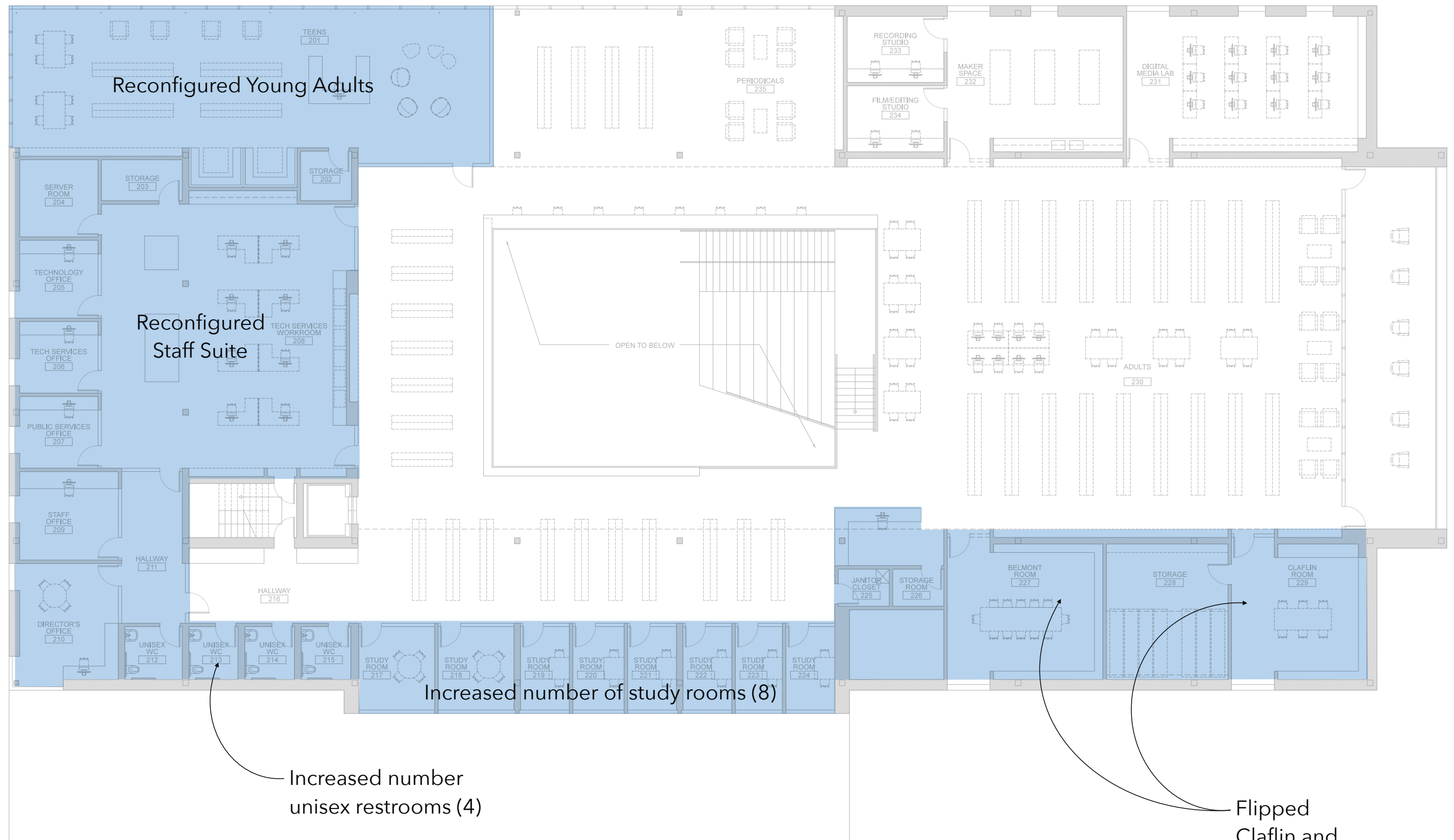
Ground Floor Plan - Current Design



Ground Floor Plan - Current Design



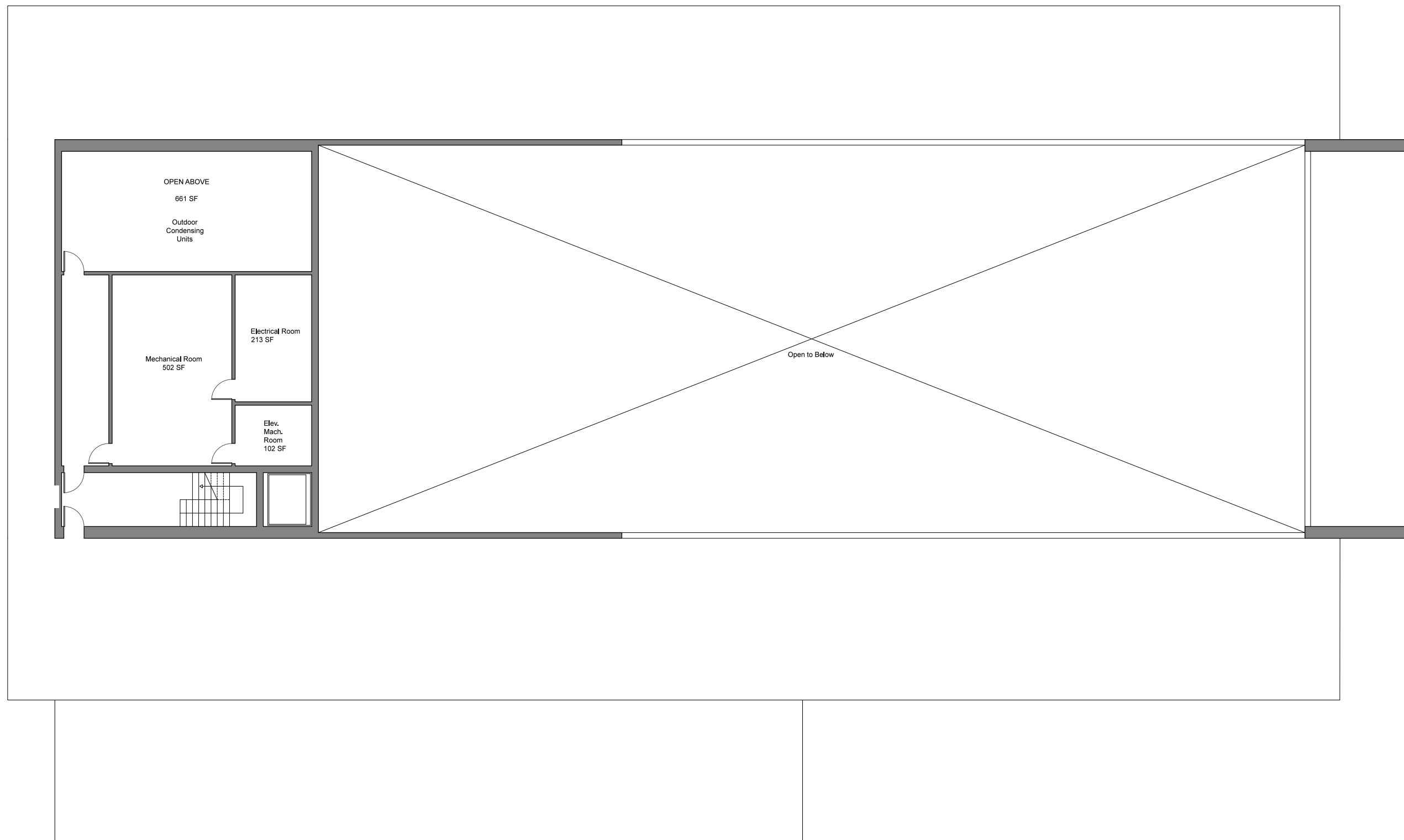
Second Floor Plan - 06.18.19



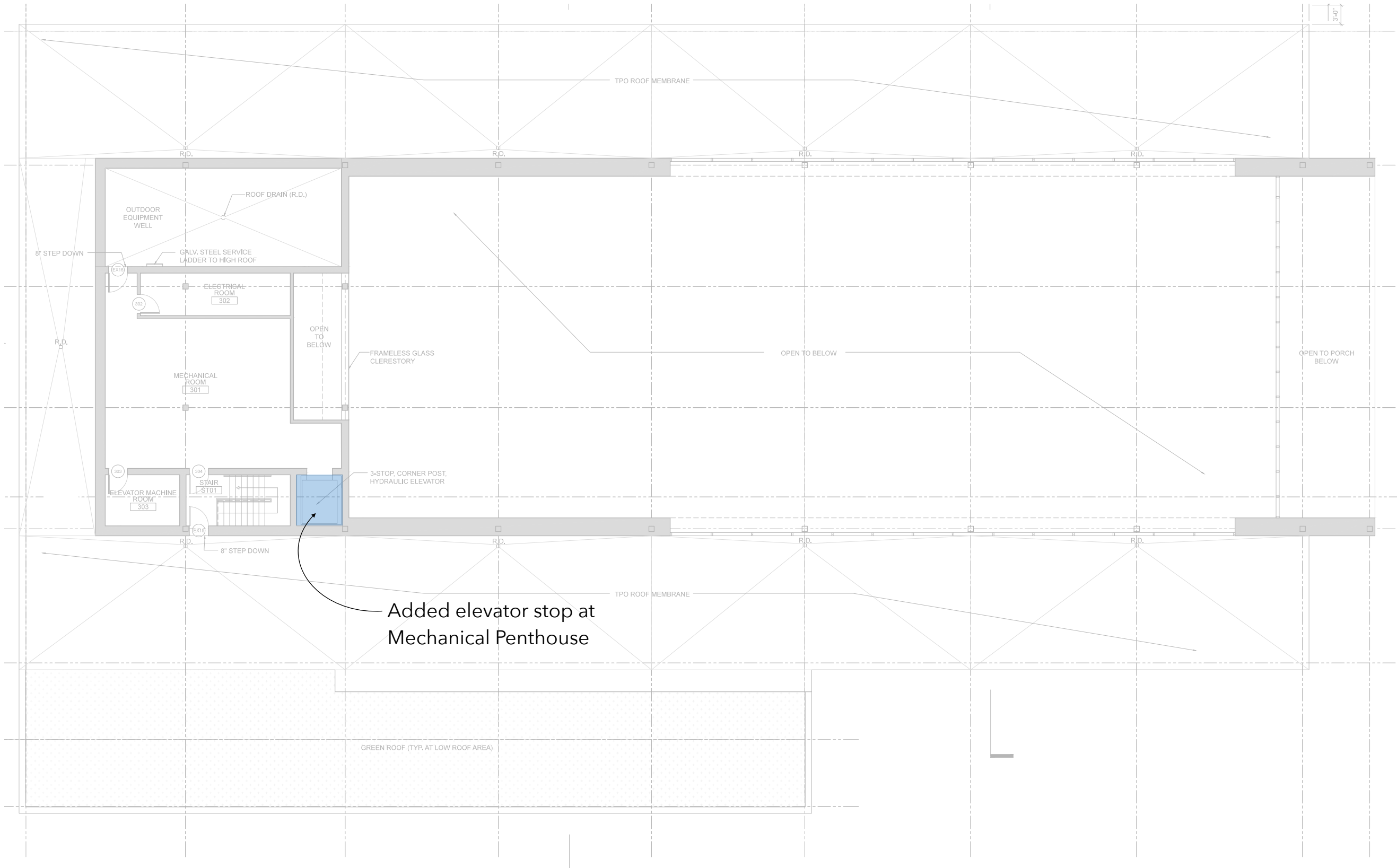
Second Floor Plan - Current Design



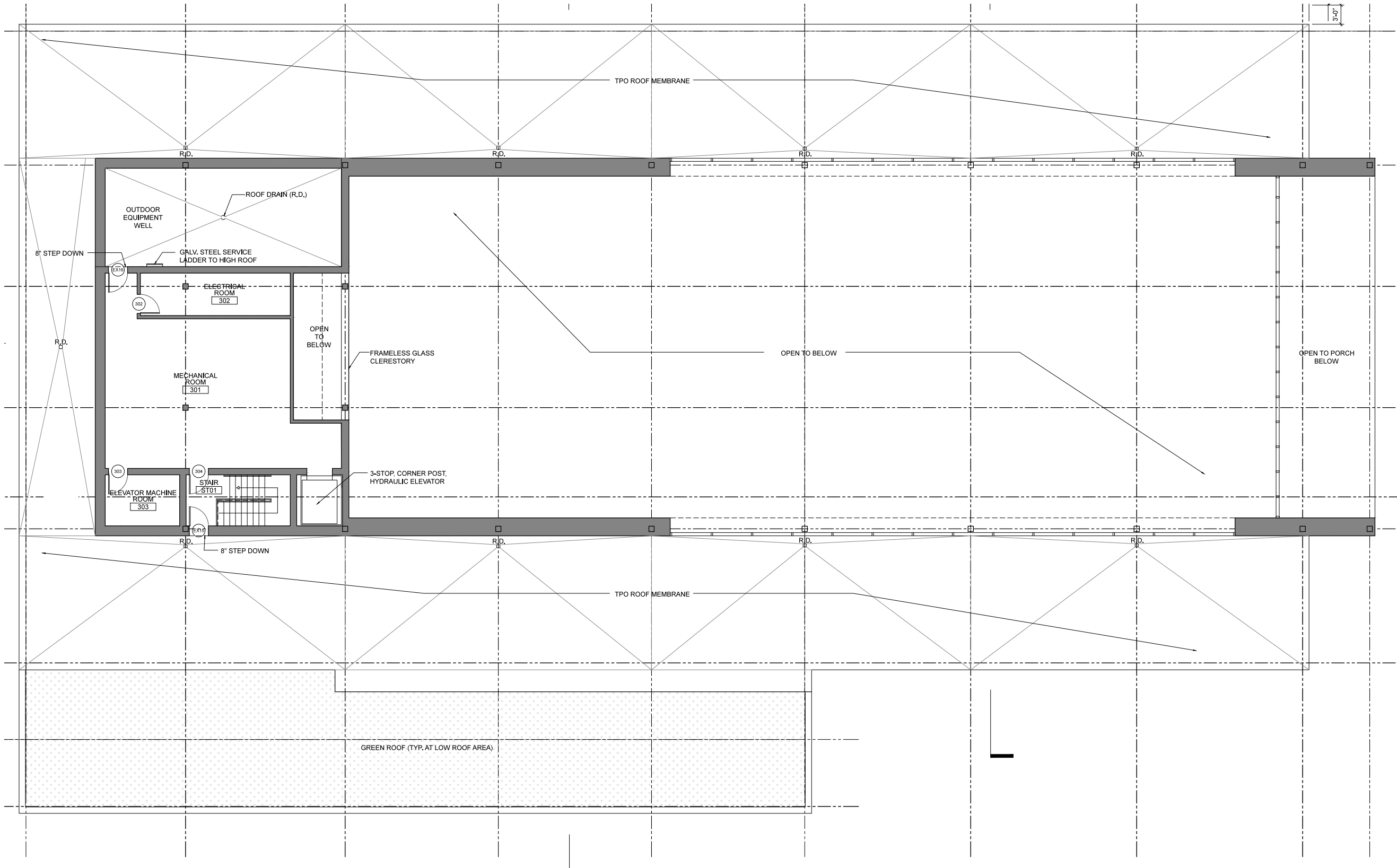
Second Floor Plan - Current Design



Mechanical Penthouse Plan - 06.18.19



Mechanical Penthouse Plan - Current Design



Mechanical Penthouse Plan - Current Design

