

OWNER

HENDERSONVILLE COUNTY
STATE OF NORTH CAROLINA
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GENERAL CONTRACTOR

TBD

ARCHITECT

THE TAMARA PEACOCK COMPANY ARCHITECTS
104 FIRST AVENUE EAST, SUITE A
HENDERSONVILLE, NC 28792
828.696.4000
TAMARA@TAMARAPEACOCK.COM

MR. BRIAN PRICE

HCPL REMODEL

Henderson Co. Public Library

HENDERSONVILLE, NC

BUILDING STATISTICS

BUILDING TYPE: IIB
SF: 1ST 34,090 SF
2ND 7,385 SF
TOTAL 41,475 SF
OCCUPANCY TYPE: A3
ALLOWABLE AREA: 15x1200= 18,000sf (MAIN FLOOR) (PER 2015 NC IEBC SECT 803.3.2.5)
<50% ALLOWABLE OVERAGE?= YES (PER 2012 NCIBC SECT. 1028.2)

SPRINKLERED: NONE
SEPARATED USE: NONE
SEPARATION REQUIRED: NONE (T 508.4)
INCIDENTAL USE:
OCCUPANCY LOAD: A3: 2,765
PLUMBING REQUIREMENTS: NO CHANGE
PLUMBING PROPOSED: NO CHANGES
LIFE SAFETY REQUIREMENTS: SEE A002

APPLICABLE BUILDING CODES/OCCUPANCY NOTES

- 1 EXISTING BUILDINGS OCCUPANCY PER 2012 NC IBC 1004.1 EXCEPTION 1, AND 1004.3 EXCEPTION 2 DETERMINED BY BUILDING INSPECTOR
- 2 NO CHANGE IN OCCUPANCY TYPE OR AMOUNT, ALL MEANS OF EGRESS MAINTAINED PER 2015 NC IEBC SECTION 1005
- 3 MAXIMUM EXIT ACCESS TRAVEL DISTANCE: 200' (TABLE 1016.1)
- 4 DEAD END CORRIDOR LIMIT = 35' (2012 NC IEBC 805.6.1)
- 5 COMMON PATH OF TRAVEL LIMIT = 75' (TABLE 1014.3)
- 6 ALL EGRESS DOORS ARE MIN 32" CLEAR

SCOPE OF WORK:

- The Ground Floor of the Henderson County Public Library:
1. Renovate and expand circulation area
 2. Add a classroom and (2) study rooms,
 3. Partially enclose the Young Adult section,
 4. Install (6) new windows on the North Elevation.

PARKING CALCULATIONS

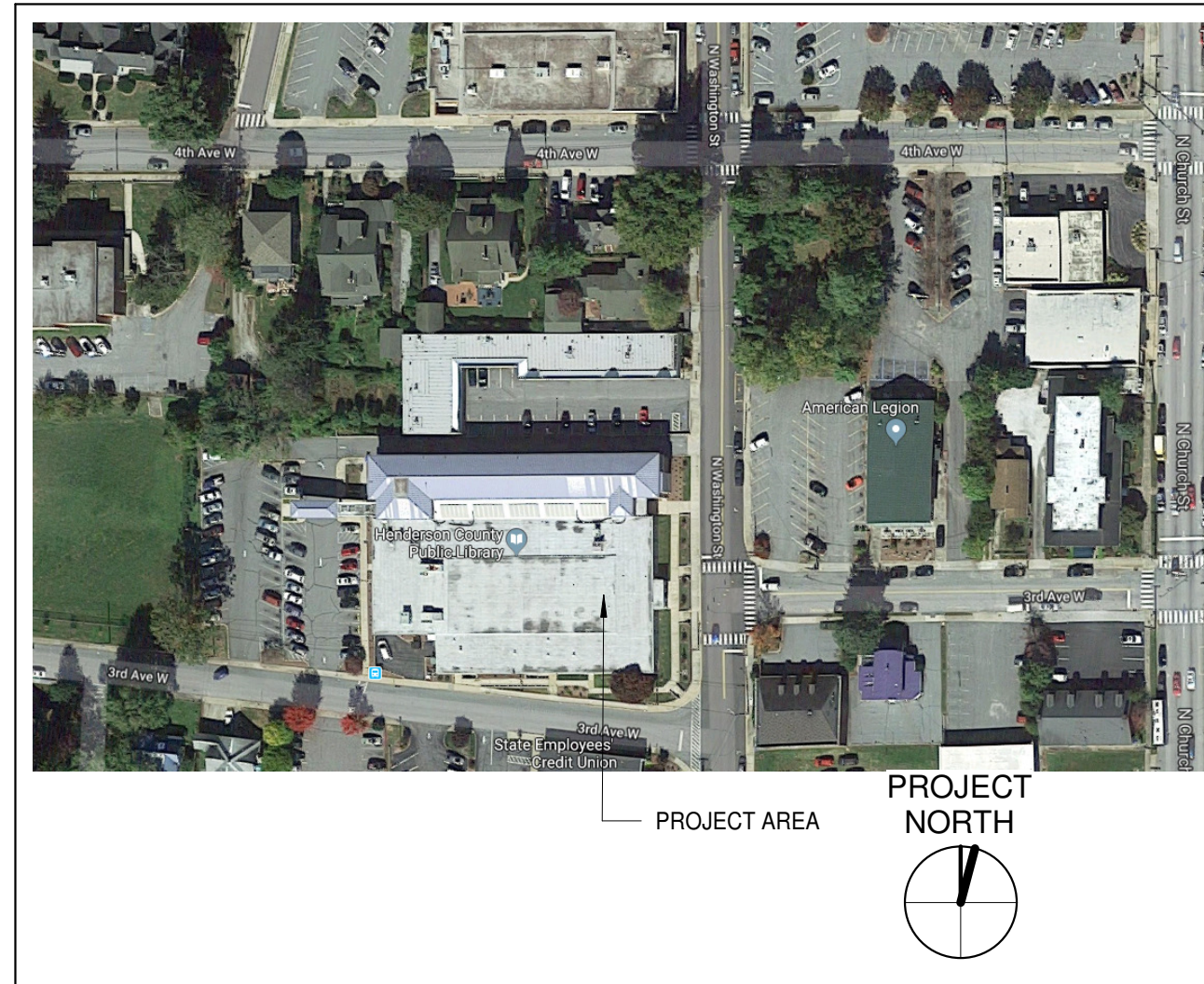
AREA TYPE	PERCENTAGE	AREA	RATIO	# OF SPACES
ASSEMBLY	NA	NA	NA	TO REMAIN AS-IS

Drawing List

SHEET NO	SHEET NAME
A001	COVER SHEET
A002	LIFE SAFETY PLAN
A003	ABBREVIATIONS SYMBOLS AND LEGENDS
A004	CODE SUMMARY
A005	PARTITION TYPES - SCHEDULES
A006	ACCESSIBILITY STANDARDS
A007	STAGING PLAN
A101	NEW OVERALL FLOOR PLAN
A102	CIRCULATION AREA DEMO
A102.1	CIRCULATION AREA NEW WORK
A103	YOUNG ADULT AREA DEMO
A103.1	YOUNG ADULT AREA NEW WORK
A104	ENLARGED CLASSROOM AREA LAYOUTS
A301	ROOF PLAN
AE100	ELECTRIC PLANS & NOTES
AE101	ELECTRIC PLANS & NOTES
AM001	HVAC UPFIT
AM002	MECHANICAL SCHEDULES AND NOTES



SITE MAP



VICINITY MAP



TAMARA PEACOCK, R.A.
LICENSE NO. 12126

PROJ. DESIGNER: CAPT. APPROVER: [Signature]
DRAWN BY: [Signature]
REVISION BY: CHECKER: [Signature]

REVISION	DATE	BY	ISSUED FOR
A	YEAR, MONTH, DAY		

THE TAMARA PEACOCK COMPANY
Architects
104 1st Ave E. Hendersonville, NC 28792
Phone: 828.696.4000 Fax: 954.728.9225

PROJECT NAME:
Henderson Co. Public Library
301 N. WASHINGTON ST.
HENDERSONVILLE, NC 28792

SHEET NAME:
COVER SHEET

PROJ. NO.: 1804
DATE: 7/12/2018
SHEET NO.: AM
DATE: 11-54-54 AM

BID SET
7-2018

A001

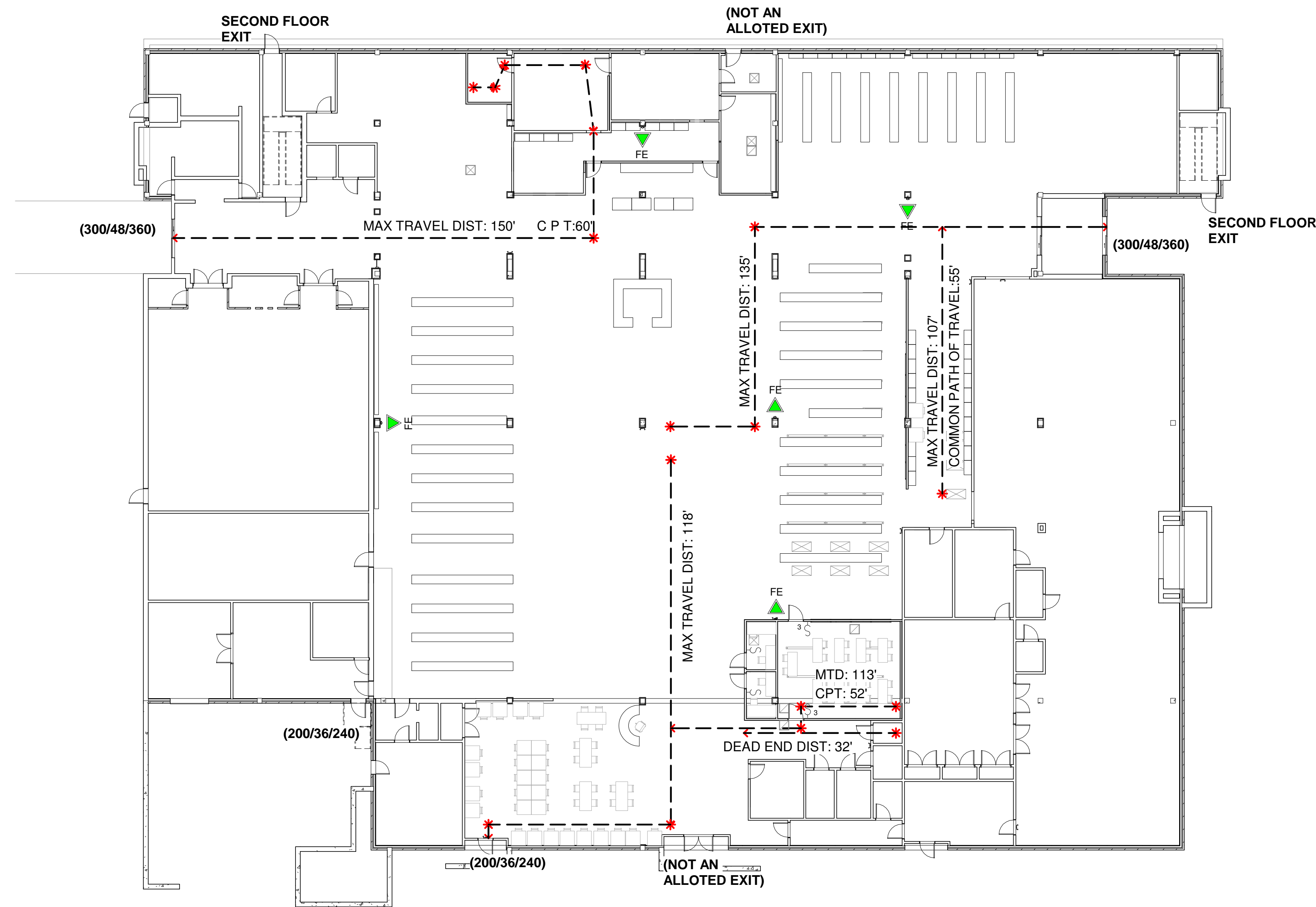
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1 LIFE SAFETY PLAN
 A002 1/16" = 1'-0"

LIFE SAFETY LEGEND AND NOTES

- EGRESS PATH OF TRAVEL
- DOOR EXIT OCCUPANT LOAD
- DOOR EXIT OCCUPANT CAPACITY
- DOOR CLEAR EXIT WIDTH (IN INCHES)
- BRACKET MOUNTED FIRE EXTINGUISHER
- RECESSED OR SEMI-RECESSED FIRE EXTINGUISHER CABINET
- CEILING MOUNTED EXIT SIGN (ARROWS WHEN INDICATED)
- WALL MOUNTED EXIT SIGN (ARROWS WHEN INDICATED)

NOTES:

1. PLANS SHALL COMPLY WITH ALL REQUIREMENTS OF THE NORTH CAROLINA FIRE PREVENTION CODE, 2012 EDITION, N.F.P.A. 101 (LIFE SAFETY CODE), 2012 EDITION, AND N.F.P.A. 1 (UNIFORM FIRE CODE), 2012 EDITION.
2. ALL INTERIOR FINISHES TO COMPLY WITH N.F.P.A. LSC 101, CHAPTER 10 SEC. 10.2 AND CHAPTER. 36.
3. ALL EMERGENCY LIGHTS AND EXIT SIGNS ARE BATTERY BACK-UP AND SHALL BE FULLY OPERABLE BY THE TIME OF THE FIRE FINAL INSPECTION
4. PROVIDE HAND HELD FIRE EXTINGUISHERS ACCORDING TO THE LOCAL FIRE MARSHALL REQUIREMENTS - PROVIDE (2) 2A-180C FIRE EXTINGUISHERS EVERY 2,500 SF AS PER LSC 101. 9.7.41
5. PROVIDE PANIC AND FIRE EXIT HARDWARE FOR ALL EGRESS DOORS. PROVIDE AUTOMATIC CLOSING DEVICES ON ALL RATED DOORS. OPERATING DEVICES ON ACCESSIBLE DOORS TO BE LEVER - OPERATED MECHANISMS. PUSH - TYPE MECHANISMS AND/OR U - SHAPED HANDLES. EGRESS DOORS SHALL NOT REQUIRE THE USE OF A KEY, TOOL, OR SPECIAL KNOWLEDGE TO OPEN FROM EGRESS SIDE.

FIRE RATING AND FIRE PROOFING NOTES:

1. THE SCOPE OF WORK FOR THIS PROJECT IMPACTS ALARMS SIGNALS, LIGHTS AND SMOKE DETECTION DEVICES.
2. NO FIRE WALLS OR EXITS ARE IN SCOPE OF WORK.
3. SEE FLOOR PLAN(S) AND WALL TYPE SCHEDULE FOR WALL ASSEMBLY TYPES AND CONSTRUCTION
4. REFER TO SHEET A004 FOR GENERAL FLOOR, ROOF, AND STRUCTURAL RATING REQUIREMENTS AND RELEVANT PROPOSED PROTECTION SYSTEMS.

PROJ. DESIGNER	DRAWN BY
CAPT. APPROVER	REVISOR BY
	CHECKER

REVISION	REVISION DATE	ISSUED FOR

THE TAMARA PEACOCK COMPANY
Architects

104 1st Ave E. Hendersonville, NC 28792
 Phone: 828.696.4000 Fax: 954.728.9225

PROJECT NAME:
Henderson Co. Public Library
 301 N. WASHINGTON ST.
 HENDERSONVILLE, NC 28792

SHEET NAME:
LIFE SAFETY PLAN

PROJ. No. 1804 DATE: 7/12/2018
 SHEET No. AM
A002

PROJECT BUILDING CODE SUMMARY

PROJECT SUMMARY: REMODEL OF MINOR ELEMENTS
Project Name: HENDERSON COUNTY PUBLIC LIBRARY MINOR REMODEL
Address: 301 N. WASHINGTON ST. HENDERSONVILLE, NC 28792
Proposed Use: ASSEMBLY
Owner or Authorized Agent: HCPL
Owned By: Private City/ County State
Code Jurisdiction: 2015 NC-EIBC 2012 NC-IBC

APPLICABLE CODES:

NEW BUILDING
 New Construction
 Shell Building
 Addition
 Upfit

EXISTING BUILDING
 Alteration
 Repair
 Occupancy Change

All Lvl: II

Existing Use:
 New Use:
 Addition/
 Relocation

OCCUPANCY: SEE LIFE SAFETY PLAN(S) FROM OVERALL OCCUPANT LOADS

Occupancy Types:

Assembly
 A-1
 A-2
 A-3
 A-4
 A-5

Factory/ Industrial
 F-1
 F-2

Institutional
 I-1
 I-2
 I-3
 I-4

Residential
 R-1
 R-2
 R-3
 R-4

High Hazard
 H-1
 H-2
 H-3
 H-4
 H-5

Business
 B-1
 B-2
 B-3
 B-4
 B-5

Educational
 E-1
 E-2
 E-3

Mercantile
 M-1
 M-2
 M-3

Utility and
 Miscellaneous
 U-1
 U-2
 U-3

Storage
 S-1
 S-2

BUILDING DATA:

Construction Types: I-A II-A III-A IV V-A
 I-B II-B III-B V-B

Sprinklers: NO YES

Standpipes: NO YES

Buildin Height: APPROX. 32 Feet 2 Stories Unlimited

Code Jurisdiction:

APPLICABLE CODES:

Other Uses: Accessory Uses (Indicate Percentages): Assembly
 Incidental Uses: First Lvl Assembly Second Lvl Business

Mixed Occupancy: (IBC SECTION 508)
 No Separation: 0 Hr. (AS PER IBC TABLE 508.4)
 Yes

Non-Separated Mixed Occupancy (508.3.2) -- The required type of construction for the building shall be determined by applying the height and area limitations for each of the applicable occupancies to the entire building. The most restrictive type of construction, so determined, shall apply to the entire building.
 Separated Mixed Occupancy (508.3.3) -- See below for area calculations for each story, the area of the occupancy shall be such that the sum of the ratios of the actual floor area of each use divided by the allowable floor area for each use shall not exceed 1.

AREA No.	Use and Description	Bldg. Area Per Story (Actual)	Table 503 Area	Allowable Frontage Increase	Allowable Sprinkler Increase	Allowable Area or Unlimited	Separated Occupancy Allowable Area Ratio per 508.4.2
First Floor	A3 - Small Assembly (1st F)	34,090 s.f.	Not Used	Not Used	Not Used		NA
Second Floor	B - Business (2nd F)	7,385 s.f.	Not Used	Not Used	Not Used		NA
MAXIMUM BUILDING AREA 1st STORY (NCIBC 1028.2)							36,000 SF
ACTUAL BUILDING AREA 1st STORY							34,090 SF
MAXIMUM BUILDING AREA 2nd STORY							NA (NO WORK)
ACTUAL BUILDING AREA 2nd STORY							NA (NO WORK)

Building Area Increase Calculations:
 $A_s = (A_1 + A_2 + A_3 + A_4 + A_5) \times I_a$ where:
 A_s = Allowable building area per story
 A₁ = Tabular building area per story per Table 503
 I_a = Area increase factor due to sprinkler protection 508.2
 I_b = Area increase factor due to sprinkler protection per 508.3

Frontage Increase:
 $I_f = (F/P) \times 0.25/W/30$ where:
 I_f = Area increase due to frontage
 F = Building perimeter that fronts open space
 P = Building perimeter
 W = Building width
 30 = 30 feet

Width Limits:
 $W = L_1 + W_1 + L_2 + W_2 + L_3 + W_3$ where:
 L_n = Length of a portion of the exterior perimeter wall
 W_n = Width of open space associated with that portion of the exterior perimeter wall

ALLOWABLE HEIGHT: (Section 503)

Type of Construction	Allowable Height (Feet)	Actual Height (Feet)
Building Height in Feet	40'-0"	25'-10"
Building Height in Stories	2	2

TABLE 705.8 MAXIMUM AREA OF EXTERIOR WALL OPENINGS BASED ON FIRE SEPERATION DISTANCE

Percentage of Wall Opening Calculations: (Unprotected, Sprinklered)	Allowable Area	Actual Area			
		North Wall	East Wall	West Wall	South Wall
0 to less than 3	Not Permitted	-	-	-	-
3 to less than 5	25%	-	-	-	-
5 to less than 10	25%	-	-	-	-
10 to less than 15	45%	-	-	-	-
15 to less than 20	75%	-	-	-	-
20 to less than 25	No Limit	-	-	-	All > 20
25 to less than 30	No Limit	-	-	-	-
30 or greater	Not Required	All > 30	All > 30	All > 30	-

TABLE 602 - FIRE-RESISTANCE RATING REQUIREMENT EXTERIOR WALLS BASED ON FIRE SEPERATION DISTANCE

Fire Separation Distanc in Feet	Type of Construction (VBI)	Notes
X < 5'	NA	EXISTING BUILDING, NO OCCUPANCY CHANGE
5 < X < 10	0	
10 < X < 30	0	
> 30	0	

TABLE 601 - FIRE-RESISTANCE RATING REQUIREMENT FOR BUILDING ELEMENTS (HOURS)

Building Element	Rating (Type VBI)		Notes
	Req'd*	Design # for Rated Assembly	
Primary Structural Frame	0	-	EXISTING BUILDING, NO OCCUPANCY CHANGE
Bearing Walls Exterior	0	-	
Bearing Walls Interior	0	-	
Nonbearing Walls Exterior	0	-	
Nonbearing Walls Interior	0	-	
Floor Construction, and associated secondary members	0	-	
Roof construction and associated secondary members	0	-	

Vertical Exit Enclosures	Rating (Type VBI)	Notes
Shafts - Trash Chute, Termination Room	0	
Shafts - Elevator	0	
Corridor Separation	1 HR	NOT APPLICABLE
Occupancy Separation	1 HR	NOT APPLICABLE
Party Wall Separation	0	
Incidental Use Separation	0	
Area Separation	1	

TABLE 803.9 INTERIOR WALL AND CEILING FINISH REQUIREMENTS (ICR)

Use and Description	Int Exit Rm	Exit Rm	Rooms & Enclosed Spaces
EXISTING LIBRARY, NO CHANGES TO OCC	NA	NA	NA
	NA	NA	NA
	NA	NA	NA

FIRE EXTINGUISHERS FOR CLASS A FIRE HAZARDS

Minimum Rated Single Extinguisher	2A
Maximum Floor Area Per Unit of A	3,000 sqft
Maximum Floor Area for Extinguisher	11,250 sqft
Maximum Travel Distance to Extinguisher	75 feet

Use Group or Space Description	(a)	(b)	(a/b)
	Area 1 SQ. FT.	Area Per Occupant (Table 1004.1.2)	Number of Occupants
First Floor (total)	34,090 sf		
Assembly (Library)	34,090 sf		2,273
Second Floor (total)	7,385 sf	15 NET	492
Total Building Occupancy			NA

- See definition "Area, Gross" and "Area, Net"
- Minimum stairway width (Section 1009.1); min. corridor width (Section 1017.2); min. door width (Section 1008.1.1)
- Minimum width of exit passageway (Section 1021.2)
- Assembly occupancies (Section 1028)

LIFE SAFETY SYSTEM REQUIREMENTS

Emergency Lighting: No Yes
 Exit Sign: No Yes
 Fire Alarm: No Yes
 Emergency Voice/Alarm Communication System: No Yes
 Smoke Detection Systems: No Yes
 Smoke Control System: No Yes
 Panic Hardware: No Yes

BUILDING ENVELOPE REQUIREMENTS
 INFORMATION BASED ON IECC 2009 (CLIMATE ZONE 3A), TABLE 301.1, TABLE 502.2(1), TABLE 502.3

INSULATION VALUES - ALL GROUP 'A' OCCUPANCIES

Item	Value
ROOF (ATTIC AND OTHER): WALLS, ABOVE GRADE: (WOOD FRAMED)	NA
WALLS, BELOW GRADE: WOOD FRAMED	NR
WALLS, BELOW GRADE: CONCRETE	NR
GLAZED DOORS SWINGING	SHGC (SEE IECC, TABLE 502.3) PF < .25 .25 < PF < .5 PF > .5
U-FACTOR: METAL FRAMING WITH OR WITHOUT THERMAL BREAK	0.65
CURTAIN WALL / STOREFRONT U-FACTOR:	0.60
ENTRANCE DOOR U-FACTOR:	0.90
ALL OTHER U-FACTOR:	0.65

MINIMUM NUMBER OF REQUIRED PLUMBING FIXTURES -

PLUMBING FIXTURE COUNTS ARE BASED ON THE TOTAL OCCUPANT LOAD AS PER IBC SECTION 1004 - OCCUPANT LOAD, IBC TABLE 2902.1 & IBC 2902.1.1 - FIXTURE CALCULATIONS

TOTAL OCCUPANCY: 278

Occupancy	Male (139) Required	Male (139) Provided	Female (139) Required	Female (139) Provided
ASSEMBLY A-2 OCCUPANCY				
REQUIRED TOILETS: MALE 139 FEMALE 139				
EXISTING BUILDING, NO OCCUPANCY CHANGE				

EXIT REQUIREMENTS

Floor	COMMON PATH OF EGRESS TRAVEL	
	Allowable Travel Distance (Table 1014.3)	Actual Travel Distance
FIRST FLOOR	100'	62'(MAX)

NUMBER AND ARRANGEMENT OF EXITS

Floor, Room or Space Designation	Minimum Number of Exits		Travel Distance		Arrangement Means of Egress (section 1015.2)	
	Required	Shown on Plans	Allowable Travel Distance (Table 1016.2)	Actual Travel Distance	Min. Required Distance Between Exit Doors	Actual Distance (Shortest between two exits)
LIBRARY	2	5	200'	56' LF - see G-002	56'-1"	63'-2"

1. CORR. DEAD ENDS 2. (NO CHANGES) EXIT REQ. NA 3. Common Path of Travel (Section 1014.3)

TAMARA PEACOCK, R.A. LICENSE NO. 12126

PROJ. DESIGNER: TAMARA PEACOCK, R.A. AUTH. BY: TAMARA PEACOCK, R.A.
 CAPT. APPROVER: TAMARA PEACOCK, R.A. REVISED BY: TAMARA PEACOCK, R.A. CHECKER: TAMARA PEACOCK, R.A.

ISSUED FOR: _____

REVISION DATE: _____

REVISION: _____

THE TAMARA PEACOCK COMPANY
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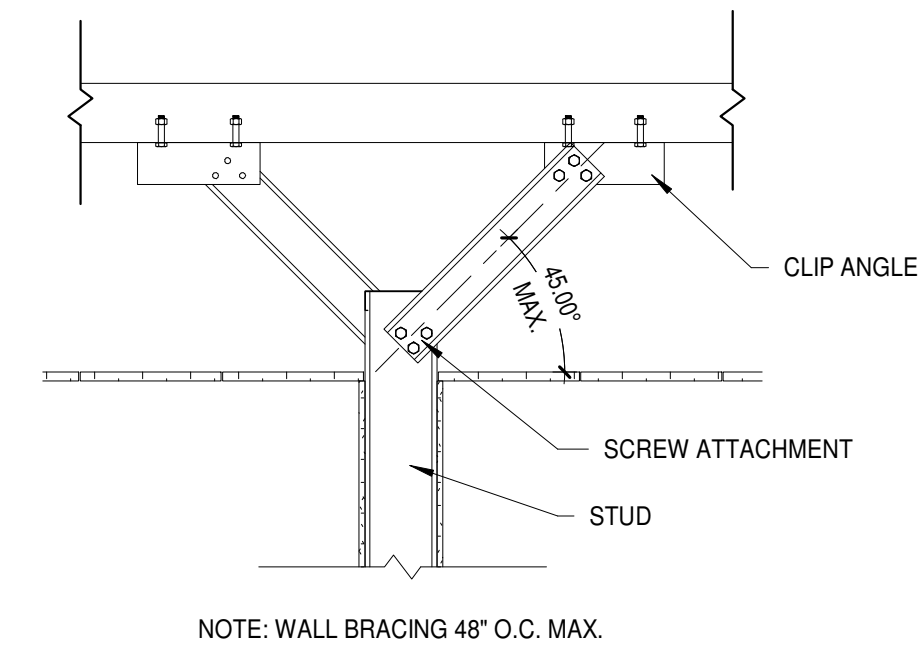
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 301 N. WASHINGTON ST. HENDERSONVILLE, NC 28792

SHEET NAME: **CODE SUMMARY**

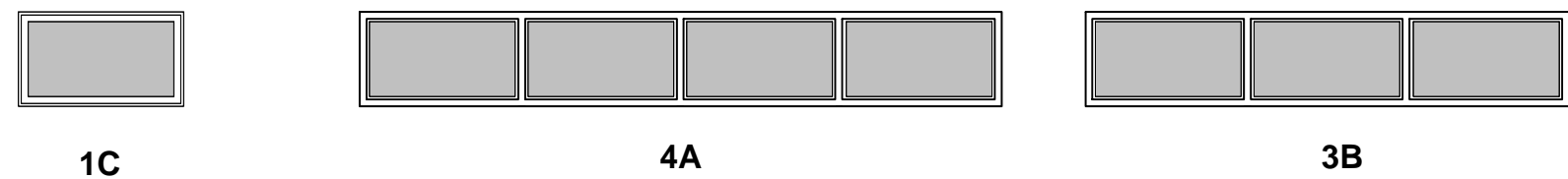
PROJ. No: 1804 DATE: 7/12/2018
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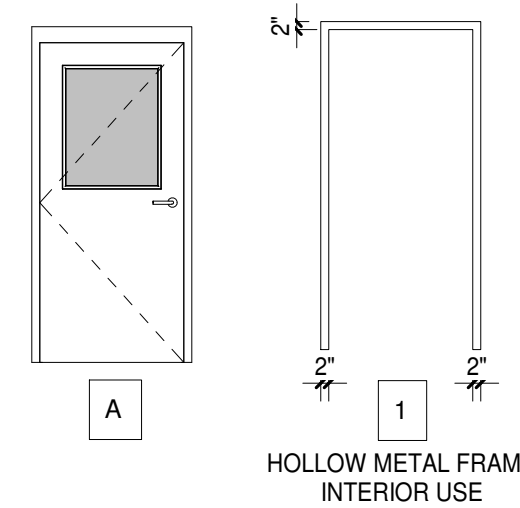
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ACTUAL DIMENSION 'X'	4 7/8"	7 1/4"	9 1/4"	-	-																																																																					
FIRE RATING	-	-	-	-	-																																																																					
ACOUSTICAL RATING (W/ BATTS)	-	-	-	-	-																																																																					
STUD SIZE	SC2	SC4	SC6	SC8	-																																																																					
ACTUAL DIMENSION 'X'	2 1/4"	4 1/4"	6 5/8"	8 5/8"	-																																																																					
FIRE RATING	-	-	-	-	-																																																																					
ACOUSTICAL RATING (W/ BATTS)	-	-	-	-	-																																																																					



3 WALL BRACING DETAIL
A005 3/4" = 1'-0"



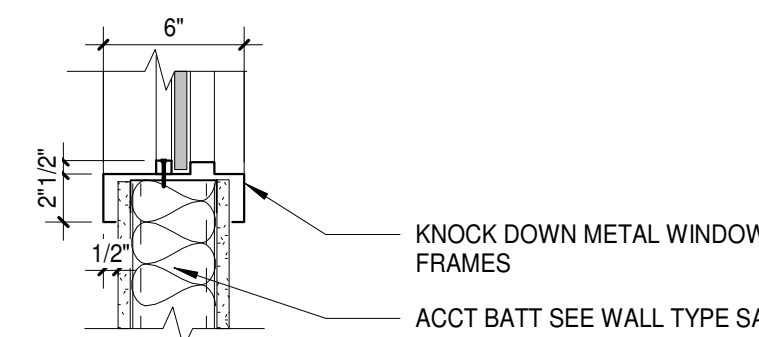
#	W	H	MATERIAL	QUANTITY	ELEVATION	NOTES
A	10'-9"	2'-0"	KNOCK-DOWN METAL FRAME	2	3B	
B	13'-4.5"	2'-0"	-	1	3B	
C	16'-8.5"	4'-0"	-	1	4A	
I	1'-11.3"	5'-11.3"	ALUM. STOREFRONT SIZE PER MFG.	6	1C	MASONRY R.O.-2'-0" H X 6'-0" W



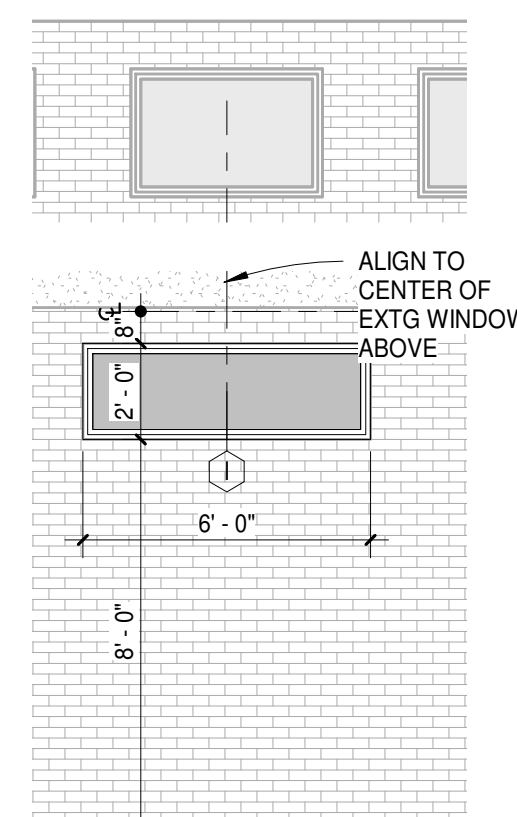
#	W	H	D	MATERIAL	HDWR	FRAME	ELEVATION	NOTES
1031	3'-0"	6'-8"	1.75"	WOOD	BLINDS	1	A	
1051	3'-0"	6'-8"	1.75"	WOOD	BLINDS	1	*	
1052	3'-0"	6'-8"	1.75"	WOOD	BLINDS	1	*	
1053	3'-0"	6'-8"	1.75"	WOOD	BLINDS	1	*	
1054	3'-0"	6'-8"	1.75"	WOOD	BLINDS	1	*	
EX01	3'-0"	6'-8"	-	WOOD	-	1	-	EXISTING DOORS & FRAMES TO BE REINSTALLED
EX02	3'-0"	6'-8"	-	WOOD	-	1	-	EXISTING DOORS & FRAMES TO BE REINSTALLED

ROOM NAME	FINISH					CEILING HEIGHT	COMMENTS
	FLOOR	BASE	WALL	CEILING	CEILING GRID		
CIRCULATION OFFICE	EXTG CPT REMAIN	WOOD MATCH EXTG	PAINT	A.C.T.	EXTG GRID REMAIN	WOOD BASE APPEARS TO BE CLEAR-FINISHED WHITE OAK, 4/4 THICK X 5.5" TALL	
CHECK-IN & SORTING	*	*	*	*	*	WHERE NEW WALLS MEET EXTG. MATCH FINISH LEVELS, PAINT COLORS	
SELF-SERVE CIRC. FRONT	*	*	*	*	*		
CLASSROOM	*	*	*	*	*		
STUDY RM 154	*	*	*	*	*		
STUDY RM 155	*	*	*	*	*		

2 METAL WINDOW FRAMES
A005 1 1/2" = 1'-0"



1 NEW NORTH WALL WINDOW
A005 1/4" = 1'-0"



WALL TYPE

M - MASONRY
S - STEEL STUD
W - WOOD STUD
C - CHASE WALL
E - SHAFT WALL

WALL VARIANT - ALPHABETICALLY SEQUENTIAL

MEMBER THICKNESS

FLOORING	STEEL STUD	WOOD STUD	SHAFT WALL
MASONRY			
L - LAMINATED	1 - 1 5/8" STUD	1 - 1 1/2" NAILER	2 - 2 1/2" CH STUD
0 - 7/8" HAT	2 - 2 1/2" STUD	3 - 2 x 4" STUD	4 - 4" CH STUD
1 - 1 1/2" HAT	3 - 3 5/8" STUD	6 - 2 x 6" STUD	6 - 6" CH STUD
	4 - 4" STUD	8 - 2 x 8" STUD	8 - 8" CMU
	6 - 6" STUD		
	8 - 8" STUD		

WALL FRAMING PRIORITY

PARTITIONS SHALL BE PRIORITIZED BASED ON FIRE AND SMOKE RATING. PARTITIONS SHALL BE CONSTRUCTED SUCH THAT HIGHER PRIORITY IS FRAMED BEFORE LOWER PRIORITY. LOWER PRIORITY PARTITIONS SHALL BE FRAMED TIGHT TO, BUT NOT INTERRUPT HIGHER PRIORITY CONSTRUCTION. (SEE THE EXAMPLE BELOW)

PARTITION TYPE	PRIORITY
2 HOUR FIRE RATED WITH SMOKE BARRIER	PRIORITY 1 (HIGHEST)
1 HOUR FIRE RATED WITH SMOKE BARRIER	PRIORITY 2
1 HOUR FIRE RATED	PRIORITY 3
NONE RATED	PRIORITY 4
	PRIORITY 5 (LOWEST)

WALL TAG LEGEND
3/4" = 1'-0"

GENERAL NOTES

- THE CONTRACTOR SHALL MAINTAIN ALL EXISTING EMERGENCY LIGHTING, EXITING, SECURITY, AND ALARMS FOR THE ENTIRE SITE. ANY VARIATIONS OF EXISTING SYSTEMS SHALL BE COORDINATED WITH THE OWNER. THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS PRESCRIBED BY ALL LAWS, ORDINANCES, CODES, REGULATIONS AND ALL AUTHORITIES HAVING JURISDICTION TO PREVENT INJURY TO ANY PERSONS ON, ABOUT, OR ADJACENT TO THE CONSTRUCTION SITE.
- THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE REGULAR REMOVAL OF ALL WASTE MATERIAL FROM THE PROJECT SITE. ALL ITEMS AND MATERIALS REMOVED FROM THE SITE SHALL BE DISPOSED OF AS SPECIFIED. ON SITE BURNING IS PROHIBITED. ALL AREAS ADJACENT TO THE DEMOLITION ARE SHALL BE KEPT CLEAN. ALL DEMOLITION AREAS SHALL BE CLEANED AND READY FOR NEW CONSTRUCTION AT THE END OF THE DEMOLITION.
- IF THE CONTRACTOR IDENTIFIES ANY CONFLICTS OR OMISSIONS ON THE DRAWINGS, THE ARCHITECT SHALL BE NOTIFIED IMMEDIATELY.
- ALL EXPOSED INTERIOR AND EXTERIOR MISC. METALS, JOISTS, DECKS, COLUMNS, BEAMS, LINTELS, ANGLES, BRACKETS, ETC. SHALL BE PAINTED. COLOR SELECTION TO BE DETERMINED BY ARCHITECT.
- CONTRACTOR SHALL NOT SCALE THE DRAWINGS. IF DIMENSIONS ARE UNCLEAR NOTIFY THE ARCHITECT IMMEDIATELY FOR CLARIFICATION.
- THE GENERAL CONTRACTOR SHALL VERIFY THAT ALL REQUIRED CLEARANCES FOR INSTALLATION AND MAINTENANCE OF ALL MECHANICAL, ELECTRICAL, DUCTWORK AND CONDUIT ARE PROVIDED. SHOULD ANY CONFLICT EXIST, THE GENERAL CONTRACTOR SHALL ADVISE THE ARCHITECT BEFORE PROCEEDING WITH CONSTRUCTION.
- THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLETING ALL WORK IN ACCORDANCE WITH ALL APPLICABLE CODES IN EFFECT AT THE TIME OF CONSTRUCTION.
- THE BUILDING IS DESIGNED TO BE STRUCTURALLY SELF-SUPPORTING & STABLE AFTER THE BUILDING IS FULLY COMPLETED. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE ALL ERECTION MEANS, METHODS, PROCEDURES & SEQUENCING TO DETERMINE THE ADEQUACY & STRENGTH OF ANY PARTS OF THE STRUCTURE BEING USED AS TEMPORARY SUPPORTS; TO DETERMINE THE STRUCTURE OF ELEMENTS BEING USED AS TEMPORARY SUPPORTS THROUGHOUT THE CONSTRUCTION PERIOD & TO ENSURE THE SAFETY OF THE BUILDING AND ITS COMPONENT PARTS DURING CONSTRUCTION. THE SUB-CONTRACTORS SHALL CAREFULLY COORDINATE THEIR ACTIVITIES THROUGH THE GENERAL CONTRACTOR TO ACHIEVE THESE REQUIREMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING TEMPORARY BRACING, GUYS, SHORING OR TIE-DOWNS AS REQUIRED TO EXECUTE CONSTRUCTION SEQUENCE. SUCH TEMPORARY MATERIALS SHALL BE REMOVED BY THE CONTRACTOR AFTER COMPLETION OF THE PROJECT.
- THE GENERAL CONTRACTOR AND THEIR SUBCONTRACTORS SHALL REVIEW THE LAYOUT AND EXACT LOCATION OF ALL PARTITIONS, DOORS, ELECTRICAL/TELEPHONE OUTLETS, LIGHT SWITCHES AND THERMOSTATS AND ADVISE THE ARCHITECT OF ANY CONFLICT BEFORE PROCEEDING WITH CONSTRUCTION.
- "TYPICAL" MEANS IDENTICAL FOR ALL SIMILAR CONDITIONS UNLESS OTHERWISE NOTED.
- "SIMILAR" MEANS COMPARABLE CHARACTERISTICS FOR THE CONDITION.
- NOT USED
- PROVIDE INTERIOR SIGNS W/ BRAILLE FOR ALL SPACES REQUIRED BY CODE. ALL SIGNS SHALL MEET AND BE INSTALLED PER IBC 2012 AND ANSI 117 2009 REQUIREMENTS.
- PORTABLE FIRE EXTINGUISHERS HAVING A GROSS WEIGHT NOT EXCEEDING 40 POUNDS SHALL BE INSTALLED SO THAT THE TOP IS NOT MORE THAN 5'-0" FROM FINISHED FLOOR. THE MINIMUM HEIGHT BETWEEN THE FINISH FLOOR AND THE BOTTOM OF THE EXTINGUISHERS SHALL NOT BE LESS THAN 4 INCHES.
- CONTRACTOR SHALL PROVIDE SHOP DRAWINGS FOR ARCHITECT'S REVIEW FOR ALL PRE-MANUFACTURED COMPONENTS PRIOR TO PURCHASE.
- CONTRACTOR SHALL PROVIDE CUT SHEETS FOR ARCHITECT'S REVIEW FOR ALL MATERIALS, FIXTURES & EQUIPMENT PRIOR TO PURCHASE.

GENERAL PARTITION NOTES:

- PLAN DIMENSIONS ARE FACE OF STUD, CMU OR FINISH FACE OF EXISTING WALL CONSTRUCTION UNLESS SPECIFICALLY NOTED OTHERWISE
- REFERENCE ALL FLOOR PLANS AND LIFE SAFETY PLANS FOR RATED WALL LOCATIONS & RATINGS.
- AT ALL UL RATED WALLS THAT EXTEND TO THE STRUCTURE ABOVE, FILL VOIDS SOLID WITH MINERAL WOOL INSULATION WHERE WALL IS FRAMED AROUND BEAMS, BAR JOISTS, SLABS, AND ROOF DECK. MAINTAIN SCHEDULED SOUND RATING. AT ALL SOUND RATED WALLS PROVIDE FLEXIBLE SEALANT OR AN ACOUSTICAL GASKET BETWEEN THE STC RATED SYSTEM AND ALL DISSIMILAR SURFACES (IE PENETRATIONS) AND ALSO BETWEEN THE SYSTEM AND SIMILAR SURFACES WHERE PERIMETER RELIEF IS REQUIRED. ALL OPENINGS THROUGH THE SYSTEM, AND ITS ENTIRE PERIMETER, SHALL BE SEALED AIRTIGHT. TAPING GYPSUM BOARD WALL AND WALL-CEILING INTERSECTIONS PROVIDES AN ADEQUATE AIR SEAL AT THESE LOCATIONS.
- PROVIDE DEFLECTION TRACK AT TOP OF WALL AT ALL CONNECTIONS TO THE STRUCTURE ABOVE.
- ANY PORTION OF GYPSUM BOARD THAT BECOMES WET OR SHOWS SIGNS OF MOISTURE DAMAGE, EITHER BEFORE OR AFTER INSTALLATION, IS TO BE REMOVED IMMEDIATELY AND REPLACED WITH NEW DRY GYPSUM BOARD.
- GENERAL CONTRACTOR SHALL VERIFY SPACING AND GAUGE OF INTERIOR STUDS, LIMITING HEIGHTS AND ALLOWABLE DEFLECTION FOR SPECIFIC APPLICATIONS BASED ON MANUFACTURERS REQUIREMENTS. AT A MINIMUM STUDS SHALL BE 20 GAUGE OR GREATER.
- SOUND ATTENUATION GASKET IS REQUIRED AT ALL INTERIOR PARTITIONS AND SHALL RUN FULL HEIGHT OF PARTITION UNLESS NOTED OTHERWISE. SOUND ATTENUATION BATT SHALL BE MADE OF MINERAL WOOL OR OTHER UL APPROVED MATERIAL.
- IT IS NOT THE INTENT OF THE DOCUMENTS TO IDENTIFY EACH INDIVIDUAL WALL WITH A WALL TAG. MINOR WALLS OR OTHER WALLS NOT TAGGED WILL BE OF THE SAME WALL TYPE AS ADJACENT WALLS.
- GYPSUM BOARD ON WALLS SHALL BE APPLIED WITH A MINIMUM 1/4" GAP BETWEEN THE GYPSUM BOARD AND THE FLOOR AND SHALL NOT BE APPLIED OVER OTHER BUILDING MATERIALS WHERE CONDITIONS EXIST THAT ARE FAVORABLE TO MOLD GROWTH.

TAMARA PEACOCK, R.A.
LICENSE NO. 12129

PROJ. DESIGNER
CAPT. APPROVER

DRAWN BY: AUTHOR
REVISED BY: CHECKER

ISSUED FOR

REVISION

REVISION DATE

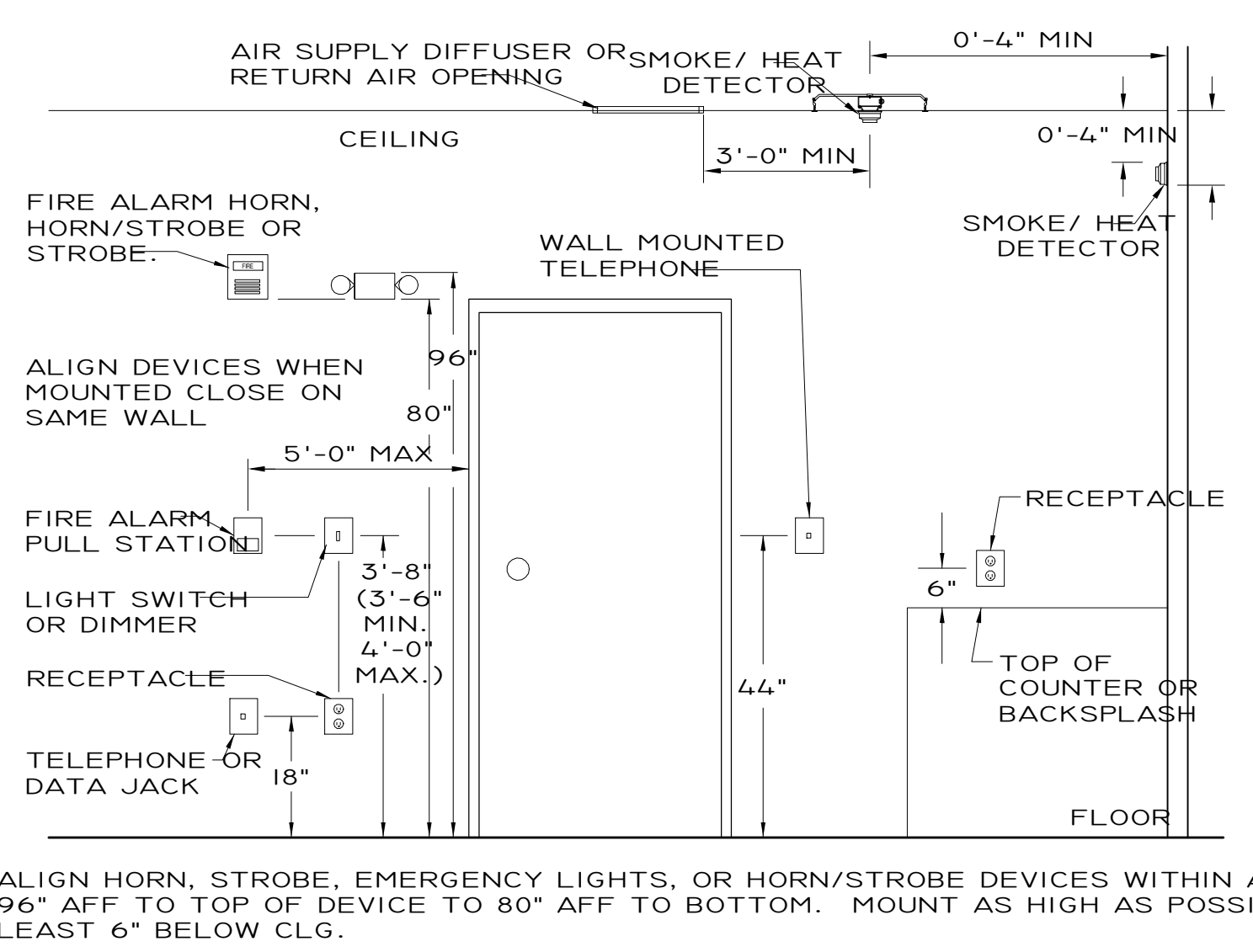
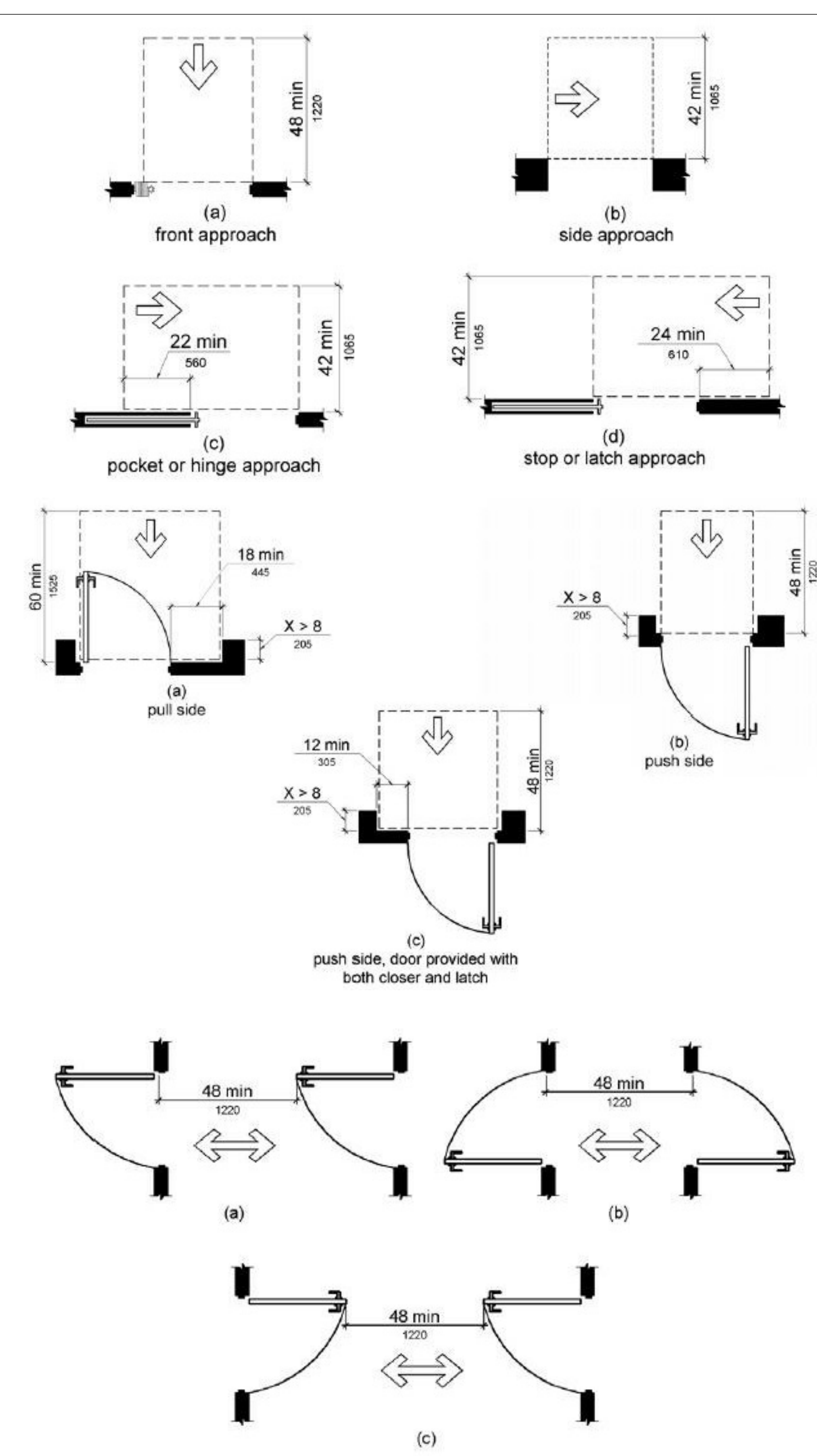
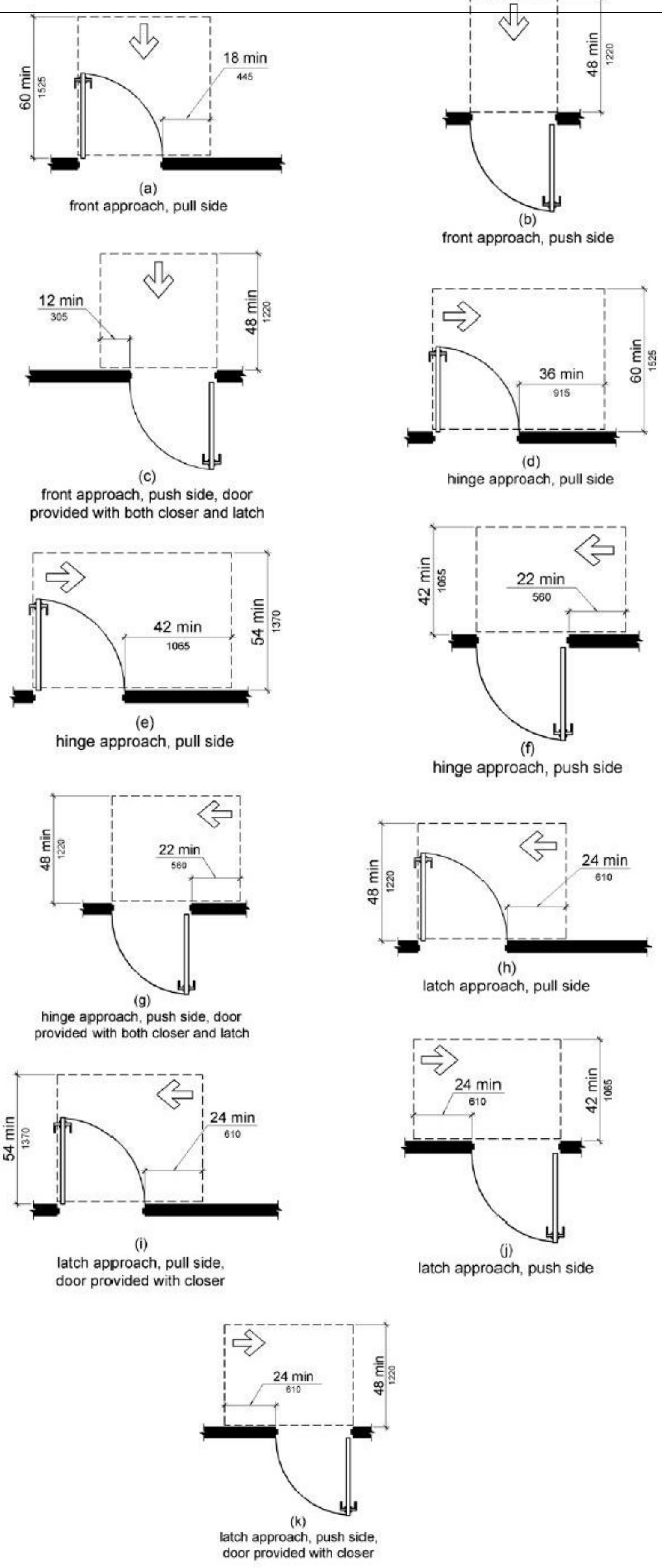
THE TAMARA PEACOCK COMPANY
Architects

104 1st Ave E. Hendersonville, NC 28792
Phone: 828.696.4000 Fax: 954.728.9225

PROJECT NAME:
Henderson Co. Public Library
301 N. WASHINGTON ST.
HENDERSONVILLE, NC 28792

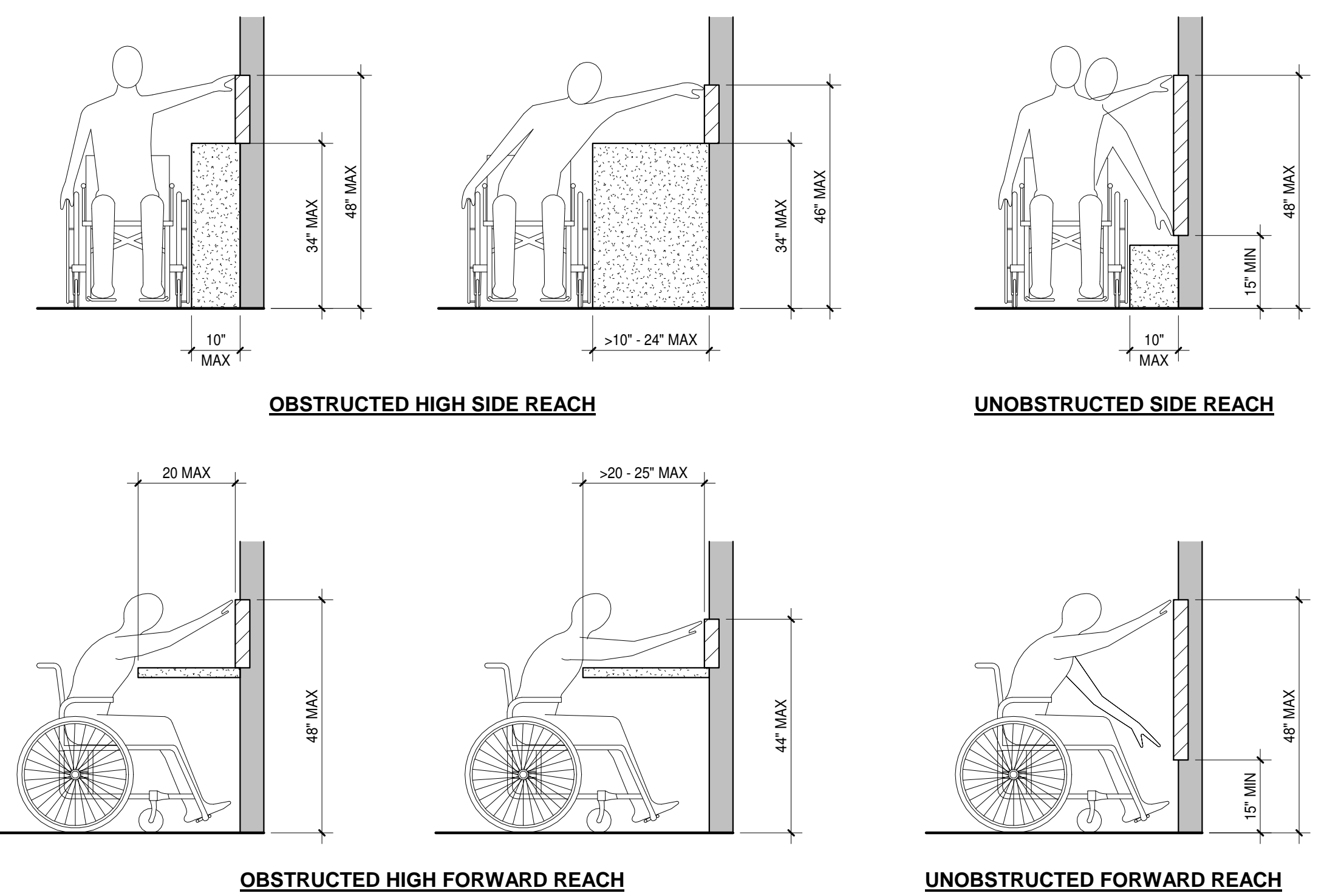
SHEET NAME:
PARTITION TYPES - SCHEDULES

PROJ. No. 1804 DATE: 7/12/2018
14:54:53
SHEET AM
No.: A005



ALIGN HORN, STROBE, EMERGENCY LIGHTS, OR HORN/STROBE DEVICES WITHIN A MOUNTING RANGE OF 96" AFF TO TOP OF DEVICE TO 80" AFF TO BOTTOM. MOUNT AS HIGH AS POSSIBLE WITHIN RANGE, BUT AT LEAST 6" BELOW CLG.

NOTE:
 1. ALL DIMENSIONS SHOWN ARE MINIMUMS.
 2. DIMENSIONS AND CLEARANCES SHOWN MUST BE PROVIDED AT ALL DOORS.
 3. CONTRACTOR SHALL REVIEW FIELD LAYOUT AND CONFIRM THAT ALL OF THE APPROPRIATE CLEARANCES ARE PROVIDED. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION. ANY REMEDIAL WORK THAT SHOULD HAVE BEEN AVOIDED BY BRINGING DISCREPANCIES TO THE ARCHITECT'S ATTENTION SHALL BE AT THE CONTRACTOR'S EXPENSE.



ADVISORY 308.1 GENERAL. THE FOLLOWING TABLE PROVIDES GUIDANCE ON REACH RANGES FOR CHILDREN ACCORDING TO AGE WHERE BUILDING ELEMENTS SUCH AS COAT HOOKS, LOCKERS, OR OPERABLE PARTS ARE DESIGNED FOR USE PRIMARILY BY CHILDREN. THESE DIMENSIONS APPLY TO EITHER FORWARD OR SIDE REACHES. ACCESSIBLE ELEMENTS AND OPERABLE PARTS DESIGNED FOR ADULT USE OR CHILDREN OVER AGE 12 CAN BE LOCATED OUTSIDE THESE RANGES BUT MUST BE WITHIN THE ADULT REACH RANGES REQUIRED BY 308

FORWARD OR SIDE REACH	CHILDRENS REACH RANGES		
	AGES 3 AND 4	AGES 5 THROUGH 8	AGES 9 THROUGH 12
HIGH (MAX)	36"	40"	44"
LOW (MIN)	20"	18"	16"

Maneuvering Clearances at Doors
 12" = 1'-0"

2
 A006
 Device Mounting Heights
 1/4" = 1'-0"

REACH RANGES

TAMARA PEACOCK, R.A.
 LICENSE NO. 12126

PROJ. DESIGNER: CAPT. APPROVER: []
 DRAWN BY: AUTHOR: []
 REVISIONS BY: CHECKER: []

ISSUED FOR: []
 REVISION DATE: []
 REVISION: []

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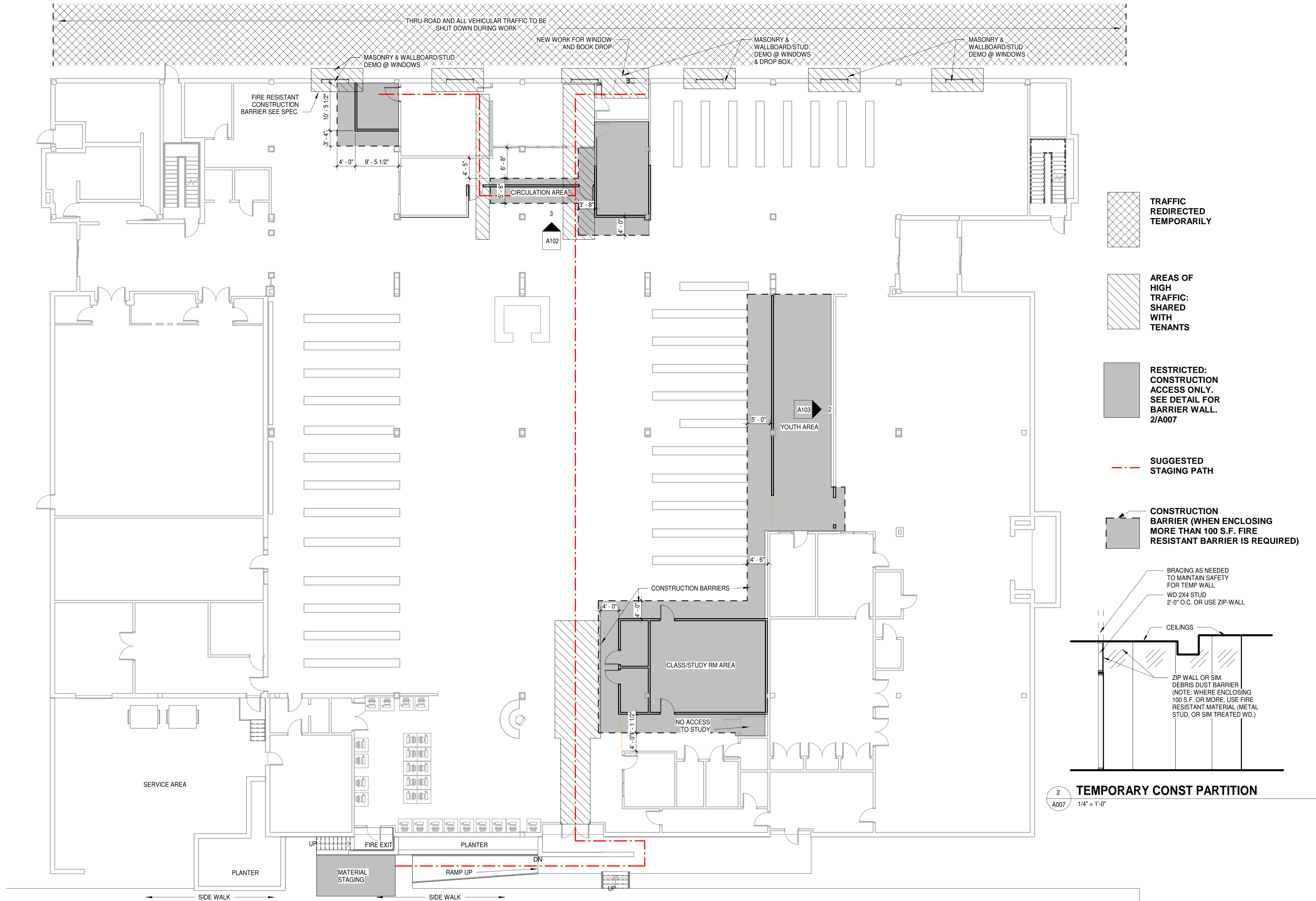
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 Phone: 828.696.4000 Fax: 954.728.9225

PROJECT NAME:
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SHEET NAME:
ACCESSIBILITY STANDARDS

PROJ. No. 1804 DATE: 7/12/2018
 SHEET AM
A006

BID SET
 7-2018



1
A007 3/32" = 1'-0"

STAGING PLAN



**BID SET
7-2018**

PROJ. DESIGNER	DRAWN BY
CAPT. APPROVER	AUTHOR
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ISSUED FOR

REVISION	REVISION DATE

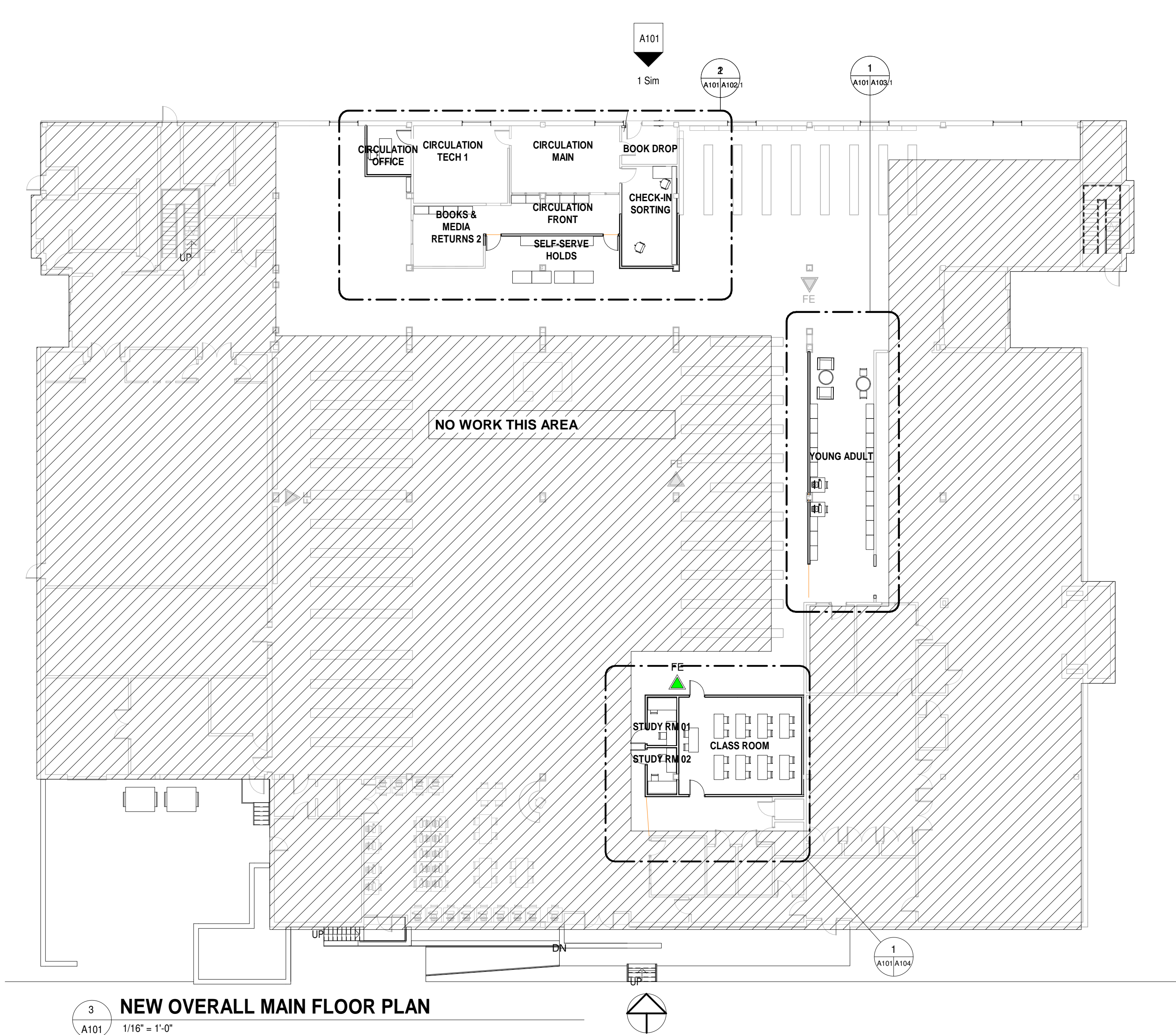
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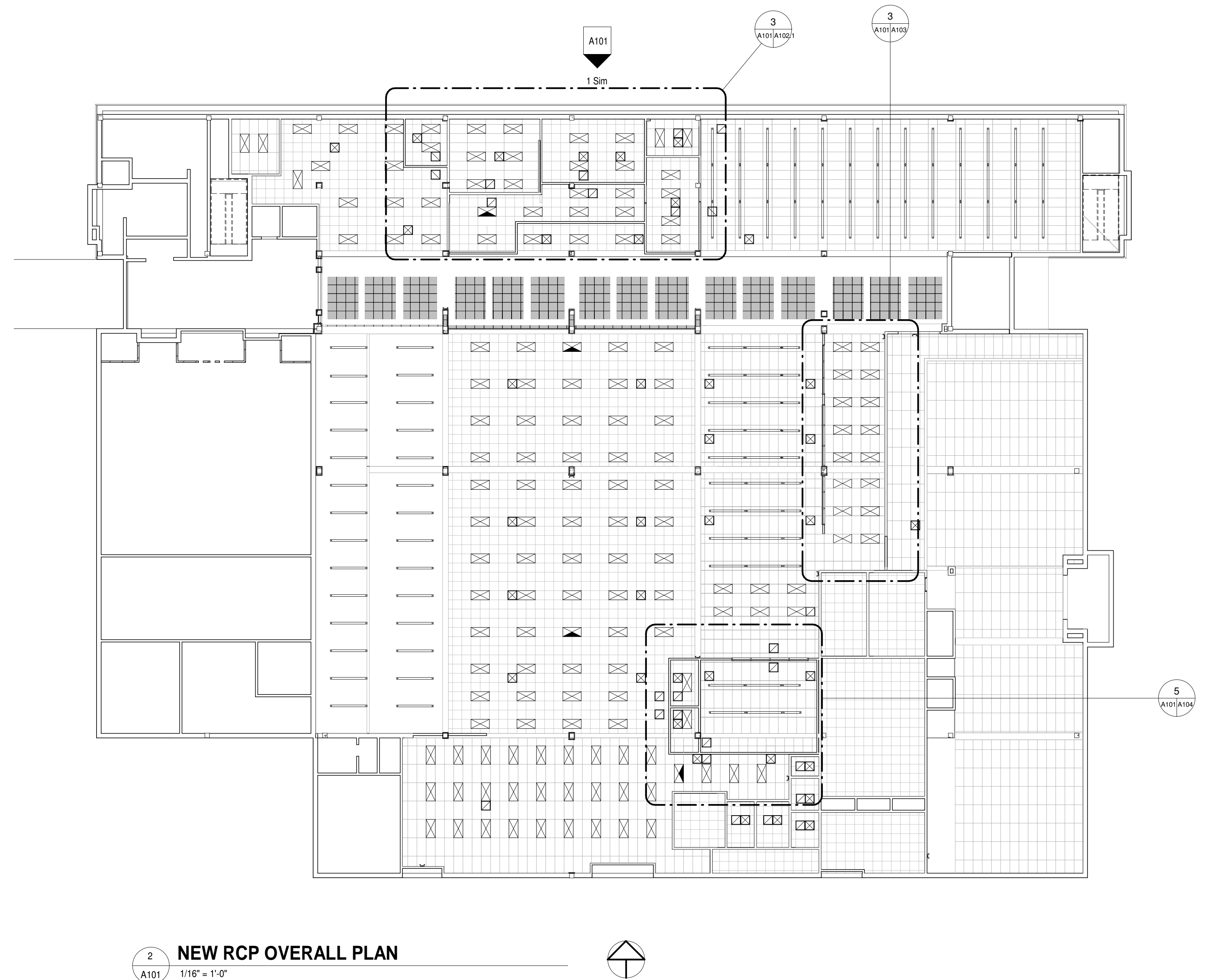
PROJECT NAME:
**Henderson Co.
Public Library**
301 N. WASHINGTON ST.
HENDERSONVILLE, NC
28792

SHEET NAME:
STAGING PLAN

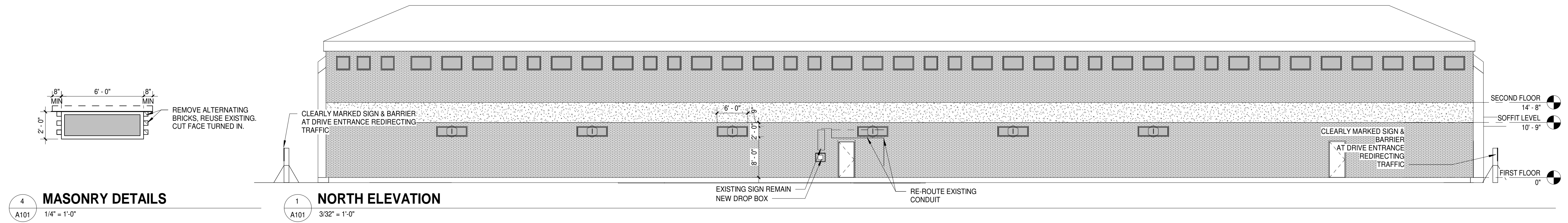
PROJ. No. 1804 DATE: 7/12/2018
11:54:54
SHEET AM
No.: **A007**



3
A101 1/16" = 1'-0"



2
A101 1/16" = 1'-0"



4
A101 1/4" = 1'-0"

1
A101 3/32" = 1'-0"

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Phone: 828.696.4000 Fax: 954.728.9225

PROJECT NAME:
Henderson Co. Public Library
301 N. WASHINGTON ST.
HENDERSONVILLE, NC 28792

SHEET NAME:
NEW OVERALL FLOOR PLAN

PROJ. No.: 1804 DATE: 7/12/2018
SHEET No.: AM

A101

1. THE CONTRACTOR SHALL ACQUAINT THEMSELVES WITH THE EXISTING STRUCTURE PRIOR TO CONSTRUCTION.
2. ANY CONDITIONS NOT SHOWN ON DRAWINGS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF ARCHITECT PRIOR TO CONSTRUCTION.
3. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS.
4. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND REPORT DISCREPANCIES TO THIS OFFICE PRIOR TO CONSTRUCTION.
5. ALL WORKMANSHIP SHALL BE NEAT, CLEAN, TRUE AND CORRECT.
6. THE CONTRACTOR SHALL PROVIDE THE NECESSARY TEMPORARY CLOSING OF ALL NEW OPENINGS IN WALLS, ROOFS OR FLOORS AT THE END OF EACH DAY'S WORK TO KEEP THE BUILDING WEATHER TIGHT AND SECURE.
7. ARCHITECT SHALL NOT BE RESPONSIBLE OR LIABLE FOR THE INTEGRITY OR CORRECTNESS OF THE EXISTING BUILDING AND ITS COMPONENTS.
8. THE CONTRACTOR SHALL PROVIDE PROPER SHORING OF ALL STRUCTURAL MEMBERS THAT WILL REMAIN, PRIOR TO THE REMOVAL OF EXISTING SUPPORTS. THE CONTRACTOR SHALL PATCH, REPAIR OR REPLACE EXISTING WORK DAMAGED BY NEW CONSTRUCTION.
9. THE CONTRACTOR SHALL VERIFY ROUGH OPENING SIZES OF DOORS AND WINDOWS PRIOR TO CONSTRUCTION.
10. THE CONTRACTOR SHALL PROVIDE ADEQUATE PROTECTION TO ALL EXISTING WORK, FURNISHINGS AND FIXTURES/APPLIANCES THAT ARE TO BE RETAINED, SO THAT THEY WILL NOT BE DAMAGED.
11. EXISTING CEILINGS MUST BE PROPERLY SHORED PRIOR TO REMOVAL OF ANY EXISTING BEARING POINTS, POSTS OR COLUMNS.

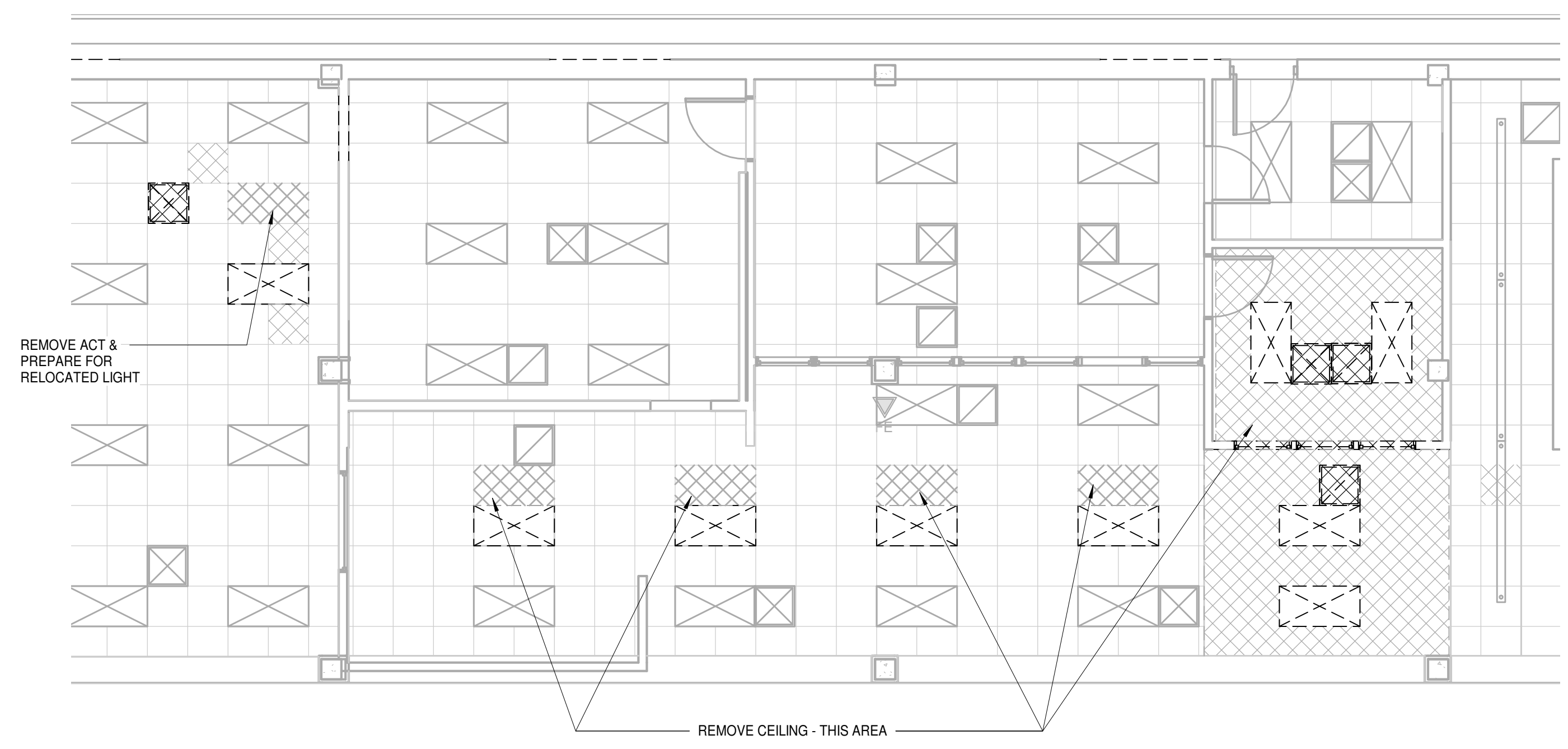
GENERAL DEMOLITION NOTES

	EXISTING COLUMN WITH GWB ENCLOSURE
	EXISTING 12 INCH WALL
	EXISTING EXTERNAL BRICK WITH 2X4 MTL STUD WALL
	EXISTING WALL 2X4 MTL STUD WALL
	NEW WALL 2X4 MTL STUD WALL
	AREA OF A.C.T. BEING REMOVED FOR WALL

WALL LEGEND

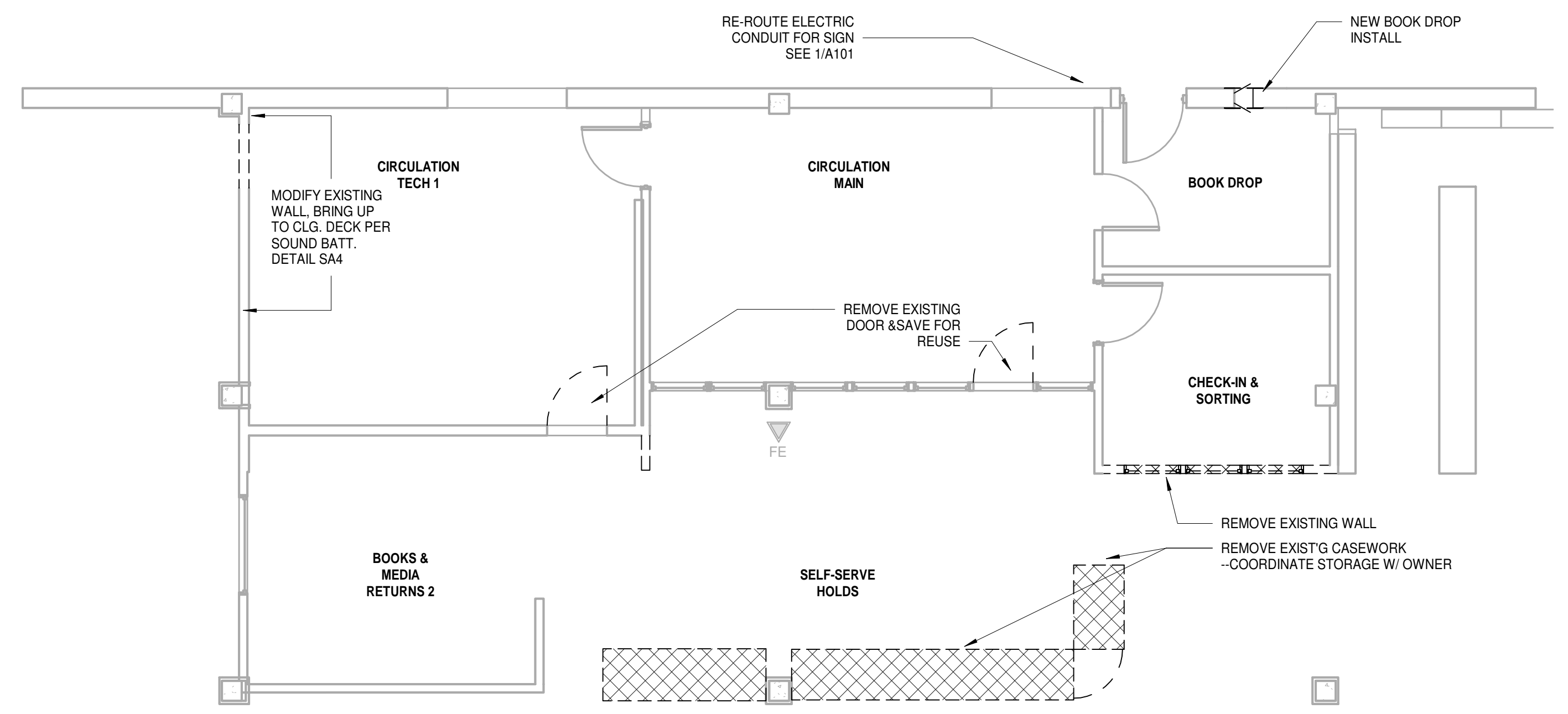
SCOPE OF WORK CIRCULATION:

1. Demolish walls as shown (storage of existing A.C.T., Books, Shelves, Furniture, Lights, Switches, etc to be coordinated).
2. Add Office, retrofitting HVAC duct, and lights to new office space (storage of existing A.C.T., Books, Shelves, Furniture, Lights, Switches, etc to be coordinated).
4. Install (6) new windows on the North Elevation.

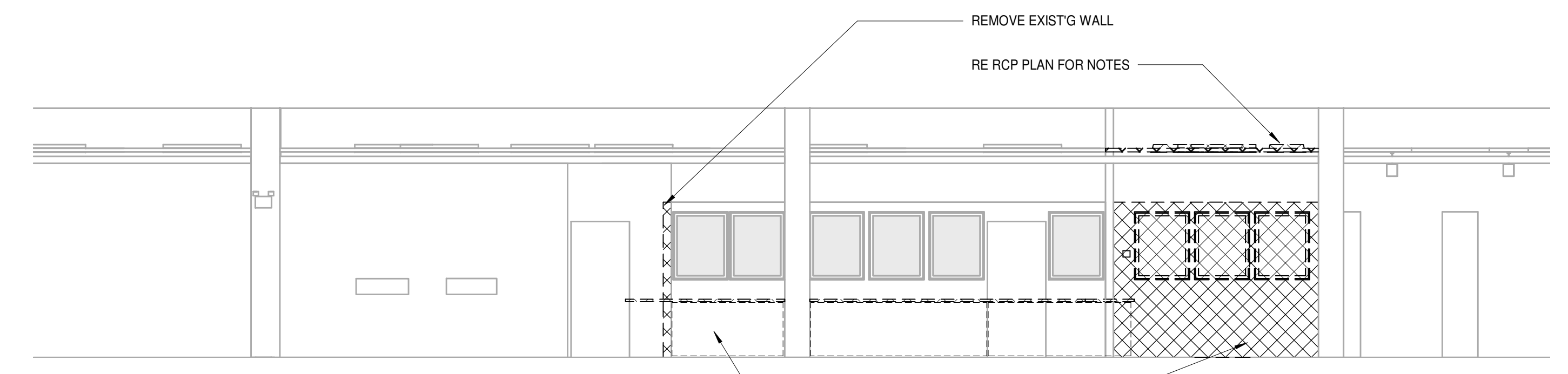


NOTE: SAVE LIGHTS FOR REUSE.

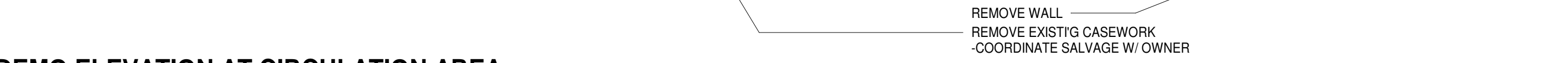
2 DEMO CIRCULATION RCP
3/16" = 1'-0"



1 DEMO PLAN CIRCULATION AREA
3/16" = 1'-0"



3 DEMO ELEVATION AT CIRCULATION AREA
3/16" = 1'-0"



TAMARA PEACOCK, R.A.
LICENSE NO. 12126

PROJ. DESIGNER: CAPT. APPROVER: _____
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Architects

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PROJECT NAME:
Henderson Co. Public Library
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HENDERSONVILLE, NC 28792

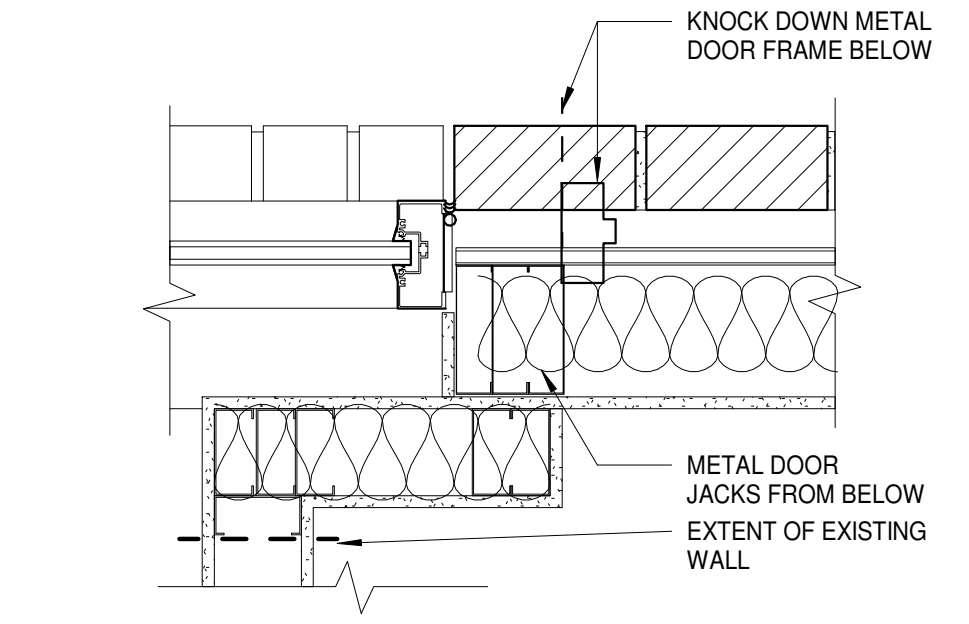
SHEET NAME:
CIRCULATION AREA DEMO

PROJ. NO.: 1804 DATE: 7/12/2018
SHEET NO.: AM 11:54:56
A102

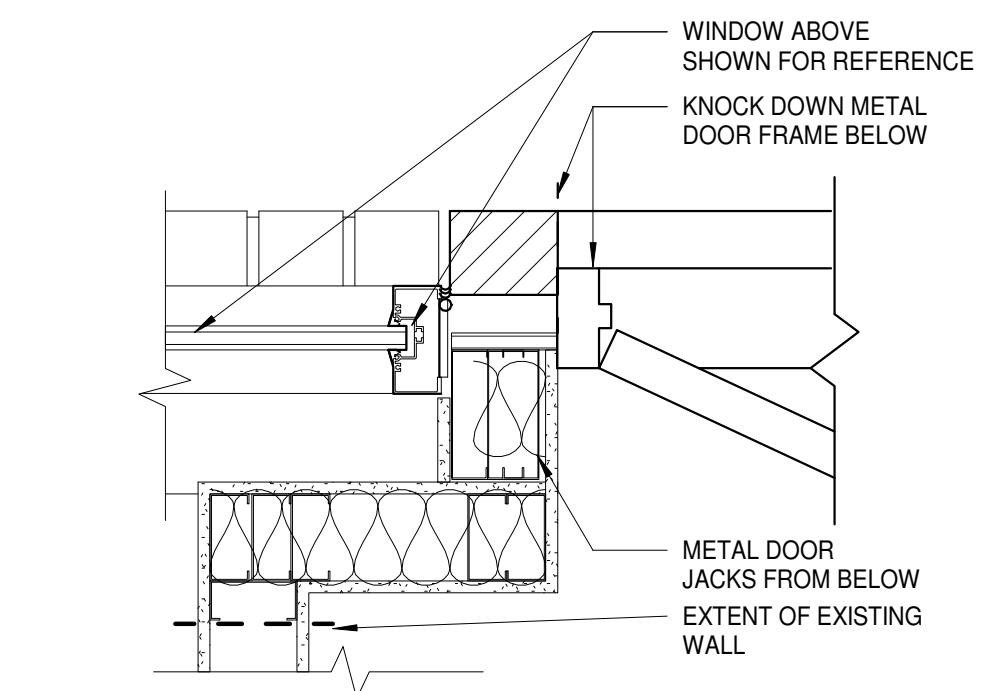
BID SET
7-2018

	EXISTING COLUMN WITH GWB ENCLOSURE
	EXISTING 12 INCH WALL
	EXISTING EXTERNAL BRICK WITH 2X4 MTL STUD WALL
	EXISTING WALL 2X4 MTL STUD WALL
	NEW WALL 2X4 MTL STUD WALL
	AREA OF A.C.T. BEING REMOVED FOR WALL

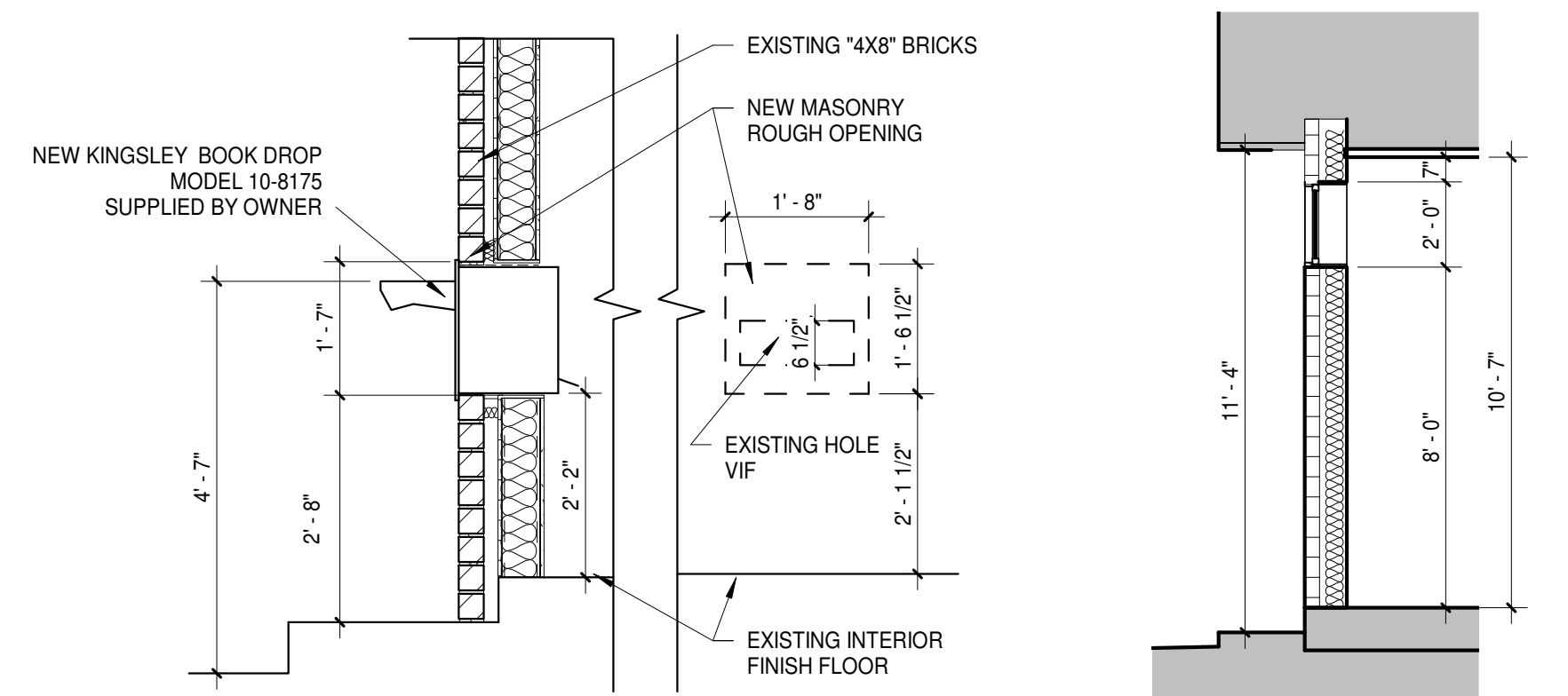
WALL LEGEND



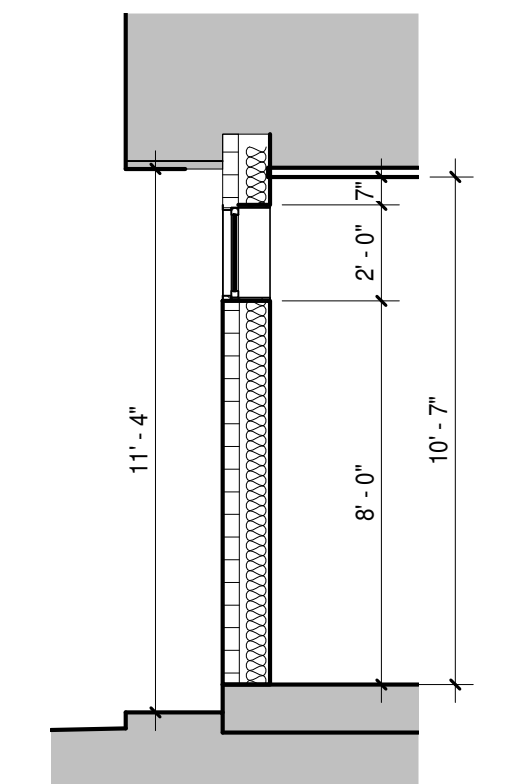
7 WALL @ NEW WINDOW
A102.1 1 1/2" = 1'-0"



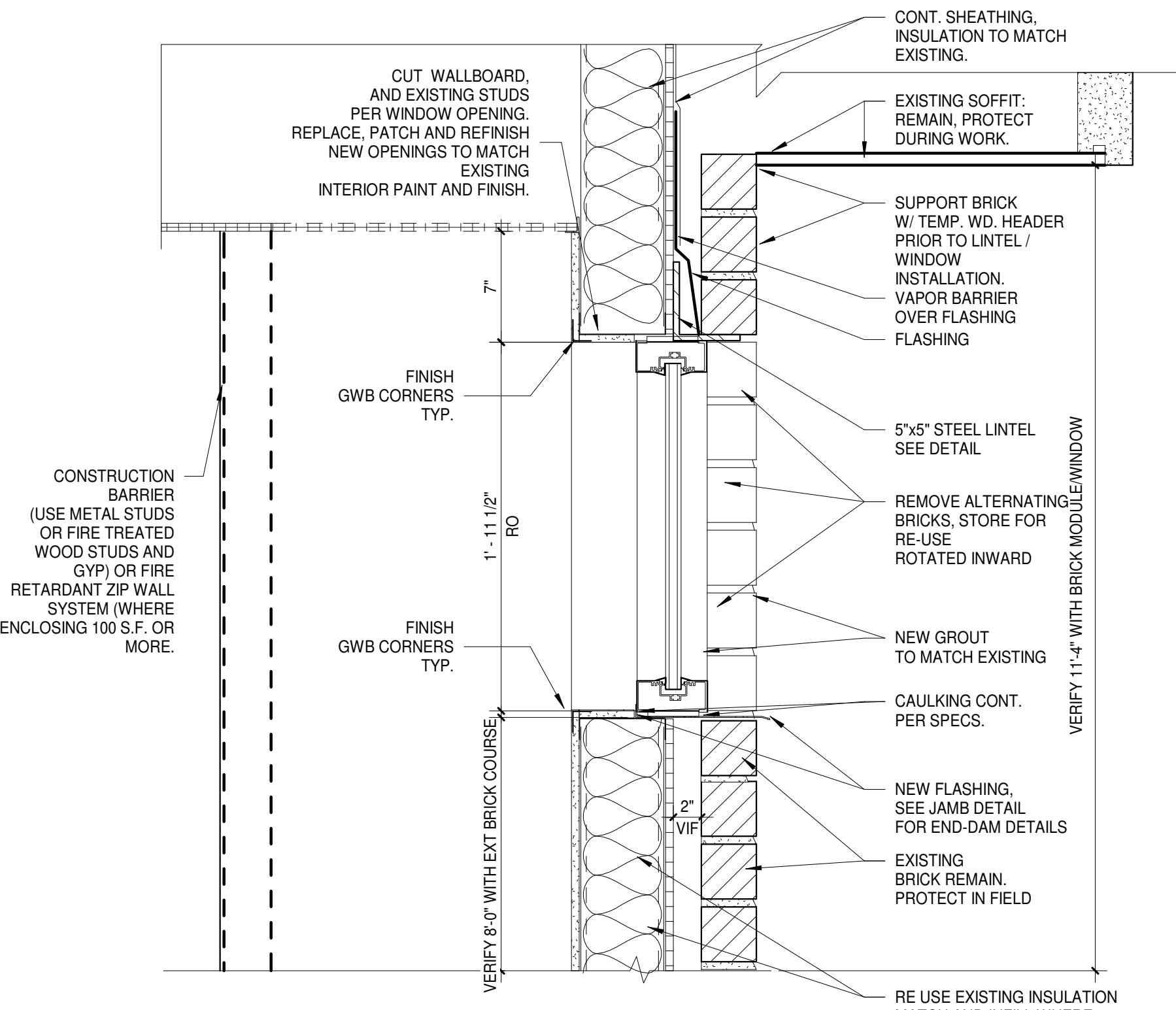
8 WALL @ NEW WINDOW BOOK DROP
A102.1 1 1/2" = 1'-0"



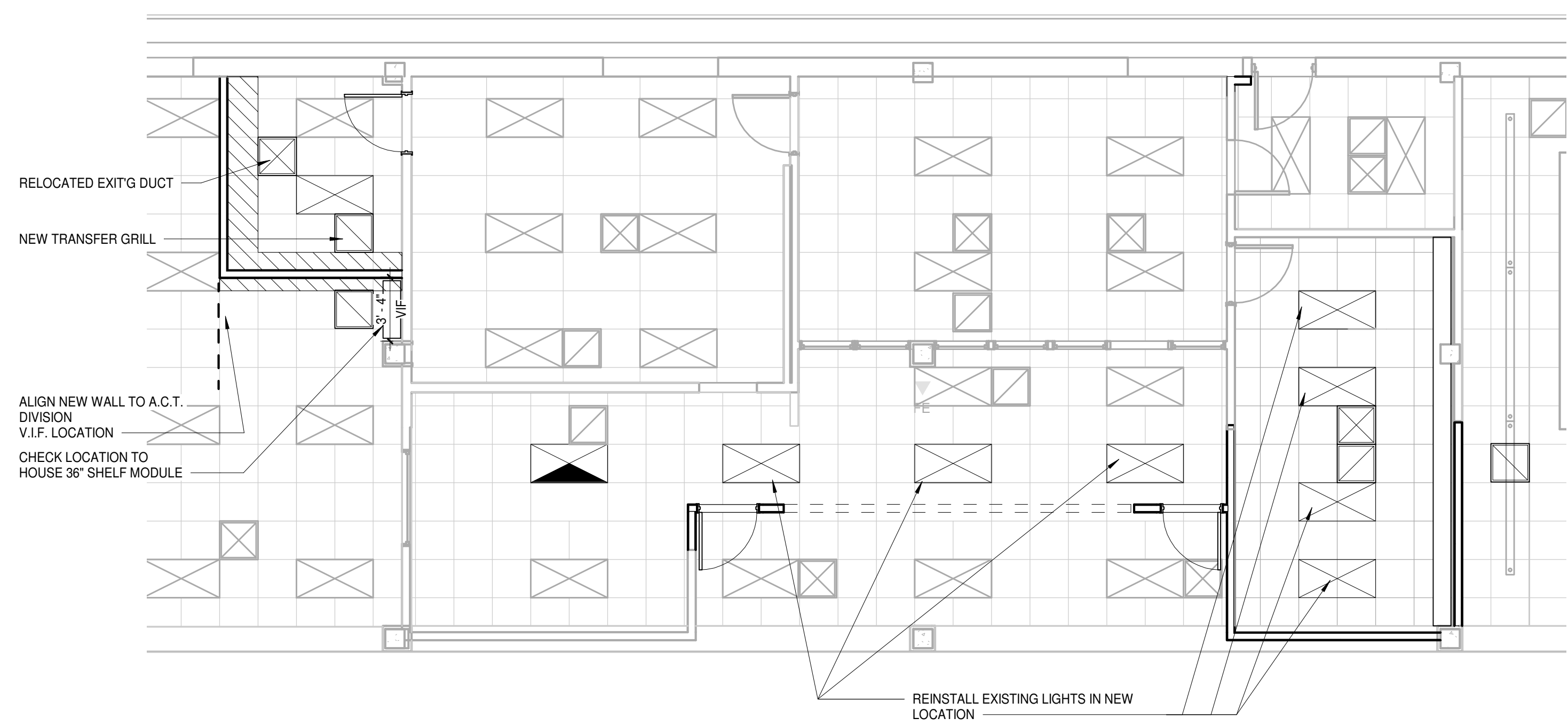
6 DROP BOX
A102.1 1/2" = 1'-0"



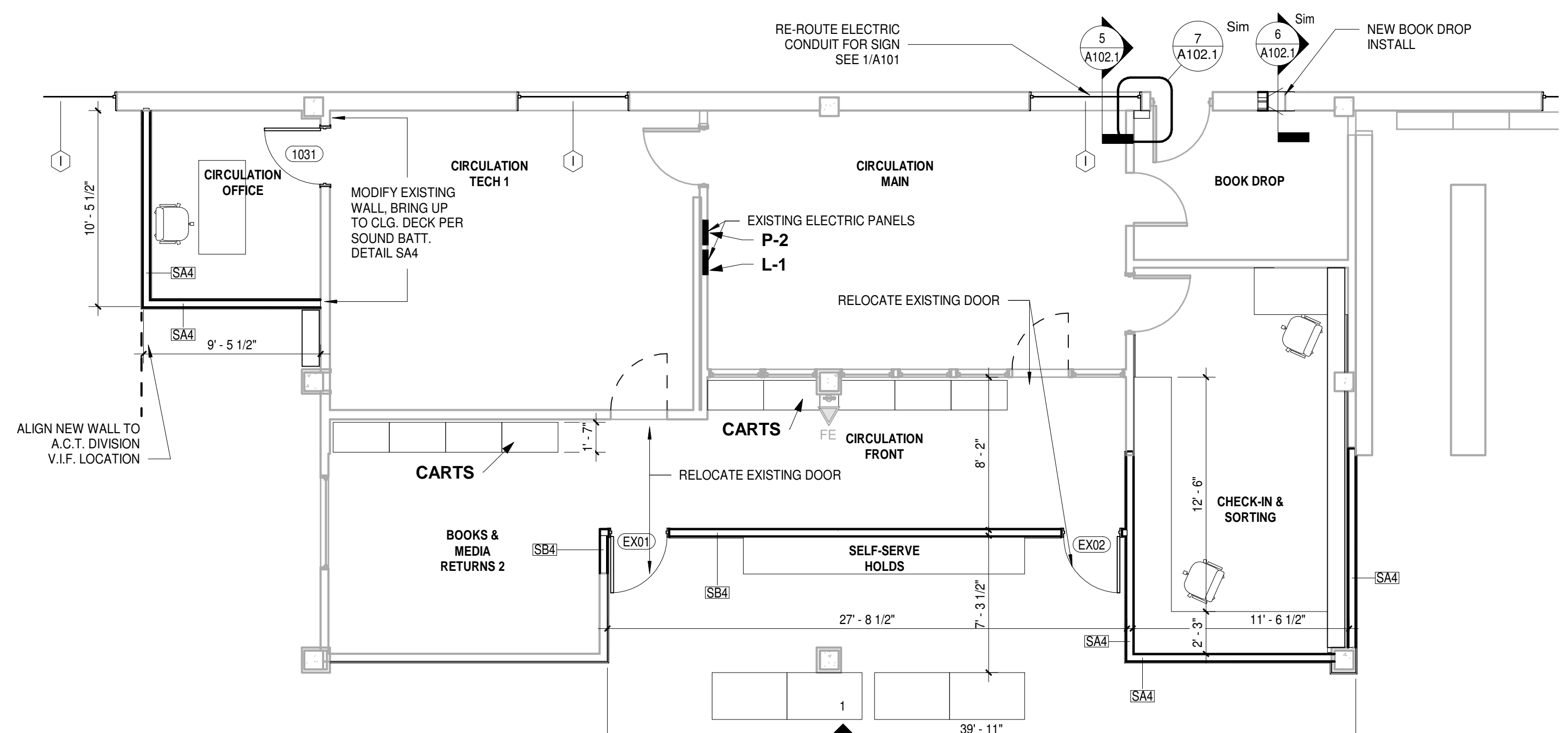
5 CIRCULATION SECTION
A102.1 1/4" = 1'-0"



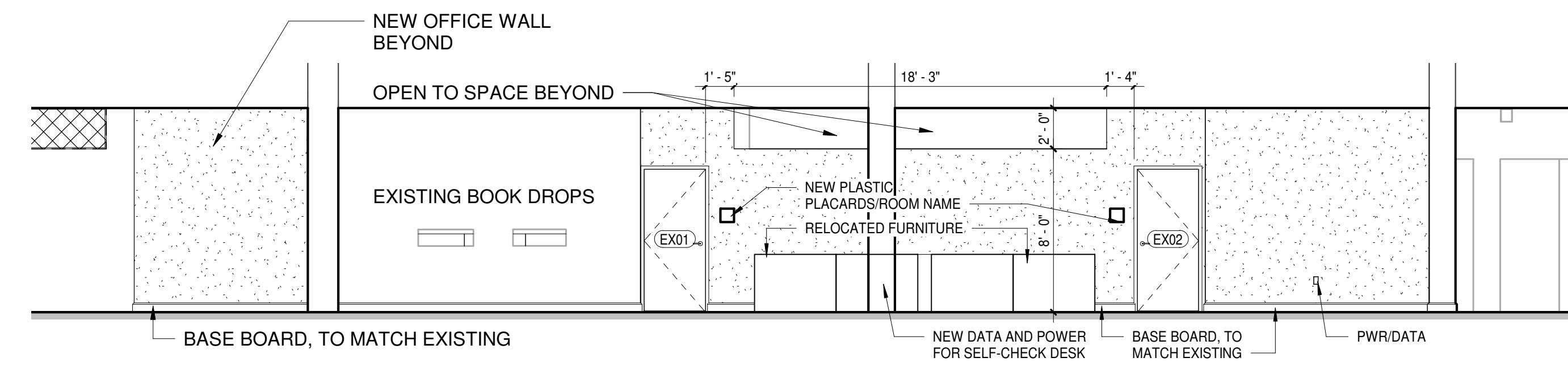
4 NEW EXTERIOR WINDOWS DETAIL
A102.1 1 1/2" = 1'-0"



3 NEW CIRCULATION RCP
A102.1 3/16" = 1'-0"



2 NEW CIRCULATION AREA PLAN
A102.1 3/16" = 1'-0"



1 ELEVATION CIRCULATION AREAS
A102.1 3/16" = 1'-0"

TAMARA PEACOCK, R.A.
LICENSE NO. 12126

PROJ. DESIGNER
CAPT. APPROVER

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REVISOR BY
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REVISION	
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THE TAMARA PEACOCK COMPANY
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Phone: 828.696.4000 Fax: 954.728.9225

PROJECT NAME:
Henderson Co. Public Library
301 N. WASHINGTON ST.
HENDERSONVILLE, NC 28792

SHEET NAME:
CIRCULATION AREA NEW WORK

PROJ. No. 1804 DATE: 7/12/2018
11:54:58 AM

SHEET No. 1

A102.1

BID SET
7-2018

1. THE CONTRACTOR SHALL ACQUAINT THEMSELVES WITH THE EXISTING STRUCTURE PRIOR TO CONSTRUCTION.
2. ANY CONDITIONS NOT SHOWN ON DRAWINGS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF ARCHITECT PRIOR TO CONSTRUCTION.
3. WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS.
4. THE CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND REPORT DISCREPANCIES TO THIS OFFICE PRIOR TO CONSTRUCTION.
5. ALL WORKMANSHIP SHALL BE NEAT, CLEAN, TRUE AND CORRECT.
6. THE CONTRACTOR SHALL PROVIDE THE NECESSARY TEMPORARY CLOSING OF ALL NEW OPENINGS IN WALLS, ROOFS OR FLOORS AT THE END OF EACH DAYS WORK TO KEEP THE BUILDING WEATHER TIGHT AND SECURE.
7. ARCHITECT SHALL NOT BE RESPONSIBLE OR LIABLE FOR THE INTEGRITY OR CORRECTNESS OF THE EXISTING BUILDING AND ITS COMPONENTS.
8. THE CONTRACTOR SHALL PROVIDE PROPER SHORING OF ALL STRUCTURAL MEMBERS THAT WILL REMAIN, PRIOR TO THE REMOVAL OF EXISTING SUPPORTS. THE CONTRACTOR SHALL PATCH, REPAIR OR REPLACE EXISTING WORK DAMAGED BY NEW CONSTRUCTION.
9. THE CONTRACTOR SHALL VERIFY ROUGH OPENING SIZES OF DOORS AND WINDOWS PRIOR TO CONSTRUCTION.
10. THE CONTRACTOR SHALL PROVIDE ADEQUATE PROTECTION TO ALL EXISTING WORK, FURNISHINGS AND FIXTURES/APPLIANCES THAT ARE TO BE RETAINED, SO THAT THEY WILL NOT BE DAMAGED.
11. EXISTING CEILINGS MUST BE PROPERLY SHORED PRIOR TO REMOVAL OF ANY EXISTING BEARING POINTS, POSTS OR COLUMNS.

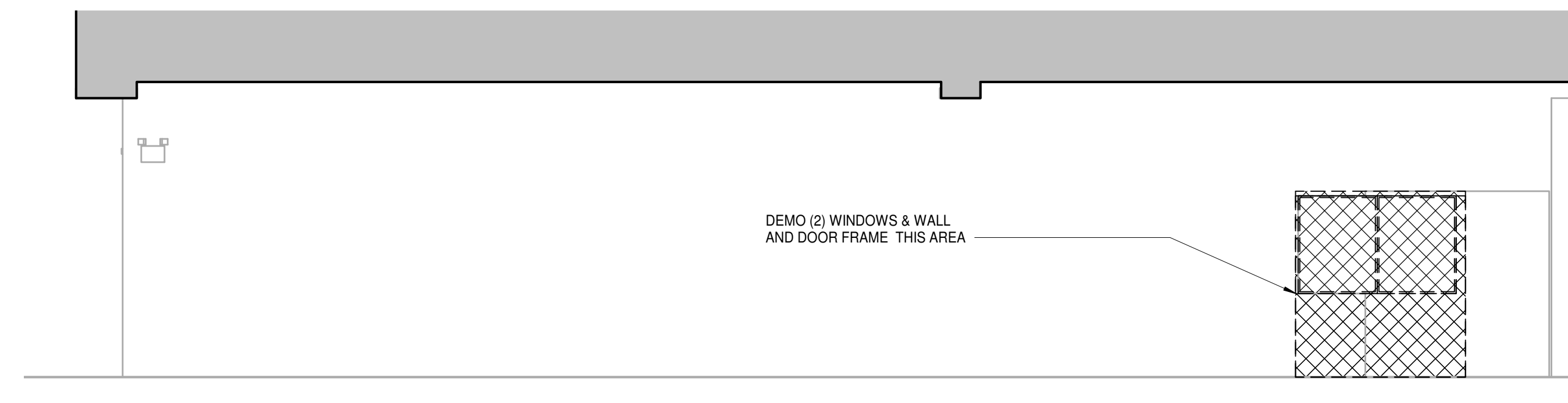
GENERAL DEMOLITION NOTES
6" = 1'-0"

	EXISTING COLUMN WITH GWB ENCLOSURE
	EXISTING 12 INCH WALL
	EXISTING EXTERNAL BRICK WITH 2X4 MTL STUD WALL
	EXISTING WALL 2X4 MTL STUD WALL
	NEW WALL 2X4 MTL STUD WALL
	AREA OF A.C.T. BEING REMOVED FOR WALL

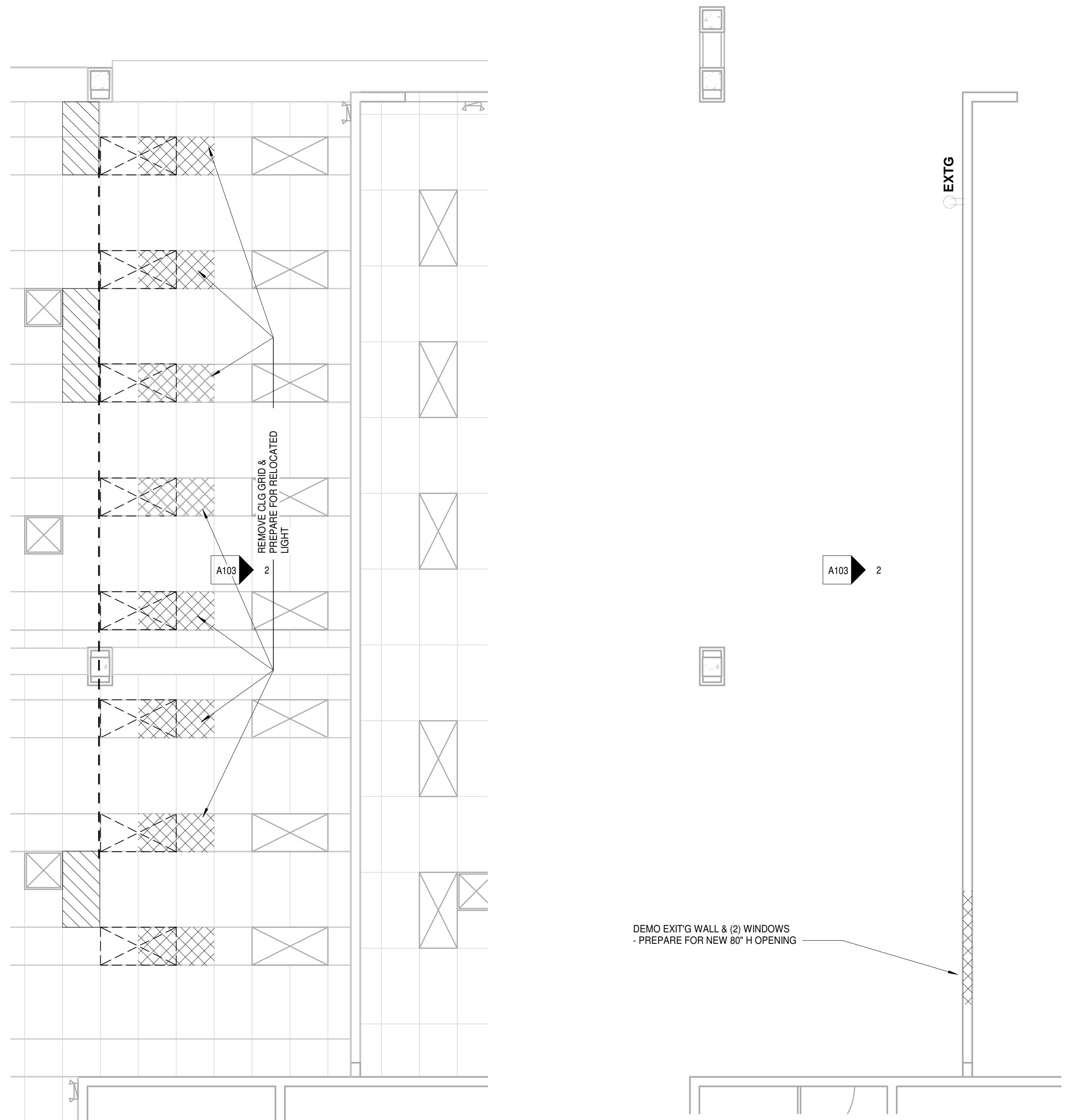
WALL LEGEND

SCOPE OF WORK YOUNG ADULT AREA:

1. Demolish windows as shown (storage of existing A.C.T., Books, Shelves, Furniture, Lights, Switches, etc to be coordinated).
2. Add Wall and windows, retrofitting HVAC duct, and lights to new locations (storage of existing A.C.T., Books, Shelves, Furniture, Lights, Switches, etc to be coordinated).



2 DEMO ELEVATION YOUNG ADULT AREA
A103 1/4" = 1'-0"



3 DEMO RCP YOUNG ADULT AREA
A103 1/4" = 1'-0"

1 DEMO PLAN YOUNG ADULT AREA
A103 1/4" = 1'-0"

TAMARA PEACOCK, R.A.
LICENSE NO. 12126

PROJ. DESIGNER
CAPT. APPROVER

DRAWN BY
REVISOR BY
CHECKER

ISSUED FOR	REVISION DATE	REVISION

THE TAMARA PEACOCK COMPANY
Architects

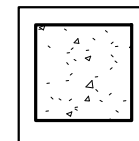

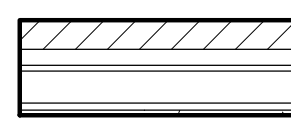

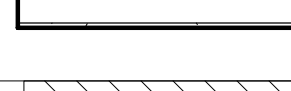

104 1st Ave E. Hendersonville, NC 28792
Phone: 828.696.4000 Fax: 954.728.9225

PROJECT NAME:
Henderson Co. Public Library
301 N. WASHINGTON ST.
HENDERSONVILLE, NC 28792

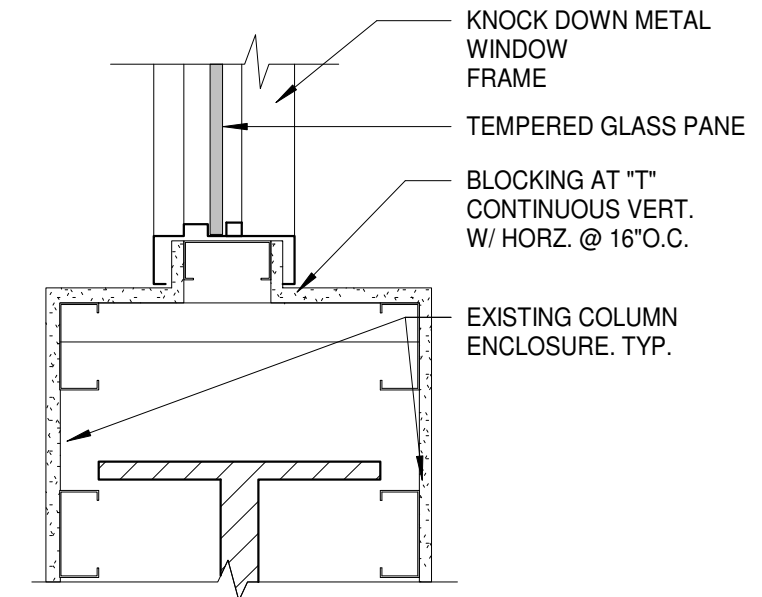
SHEET NAME:
YOUNG ADULT AREA DEMO

PROJ. NO.: 1804
DATE: 7/12/2018
SHEET NO.: AM
A103

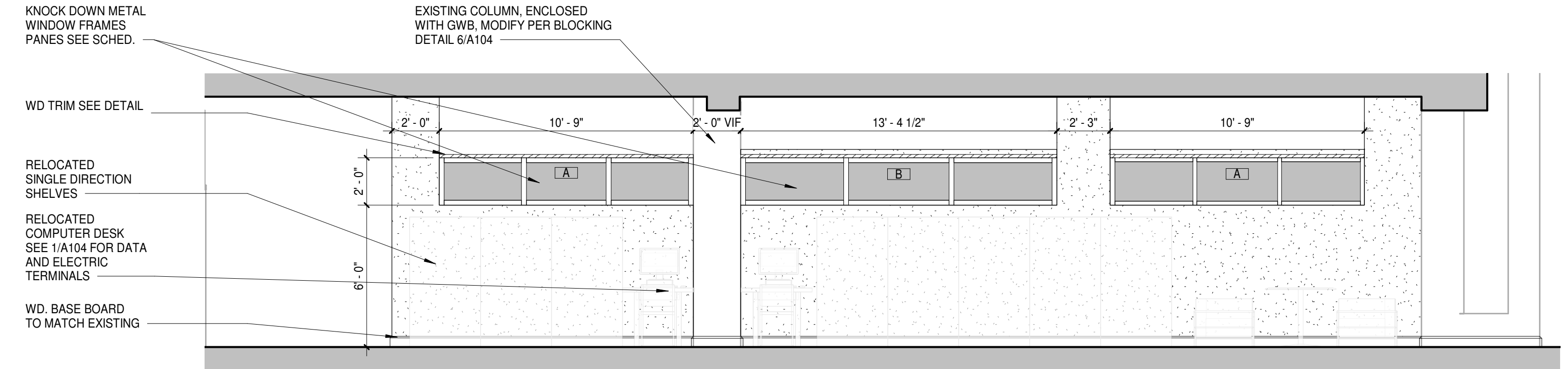
BID SET
7-2018

	EXISTING COLUMN WITH GWB ENCLOSURE
	EXISTING 12 INCH WALL
	EXISTING EXTERNAL BRICK WITH 2X4 MTL STUD WALL
	EXISTING WALL 2X4 MTL STUD WALL
	NEW WALL 2X4 MTL STUD WALL
	AREA OF A.C.T. BEING REMOVED FOR WALL

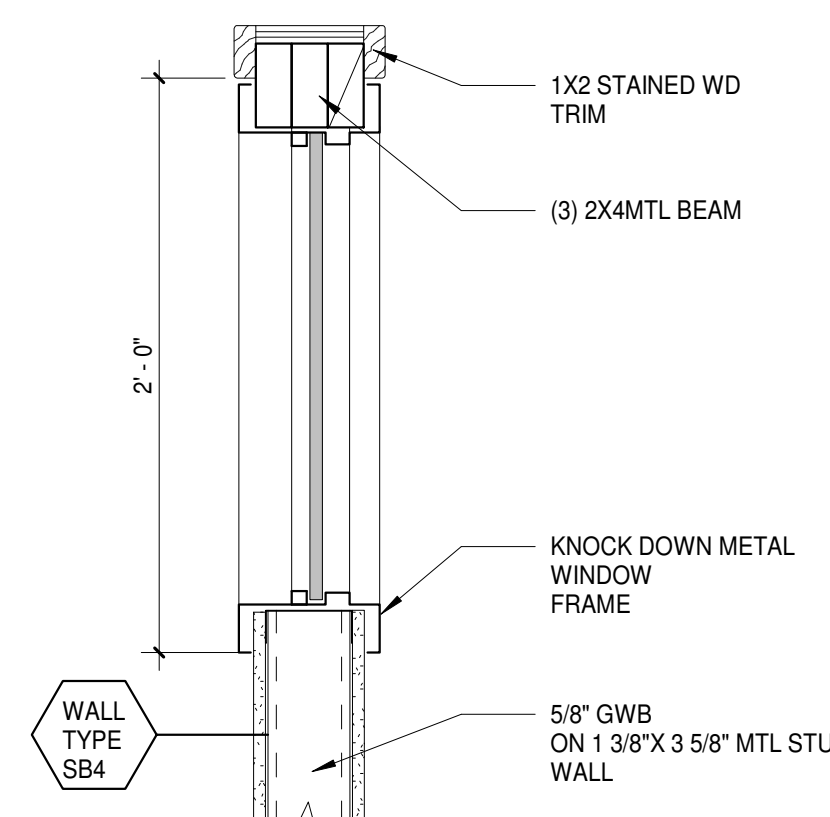
WALL LEGEND



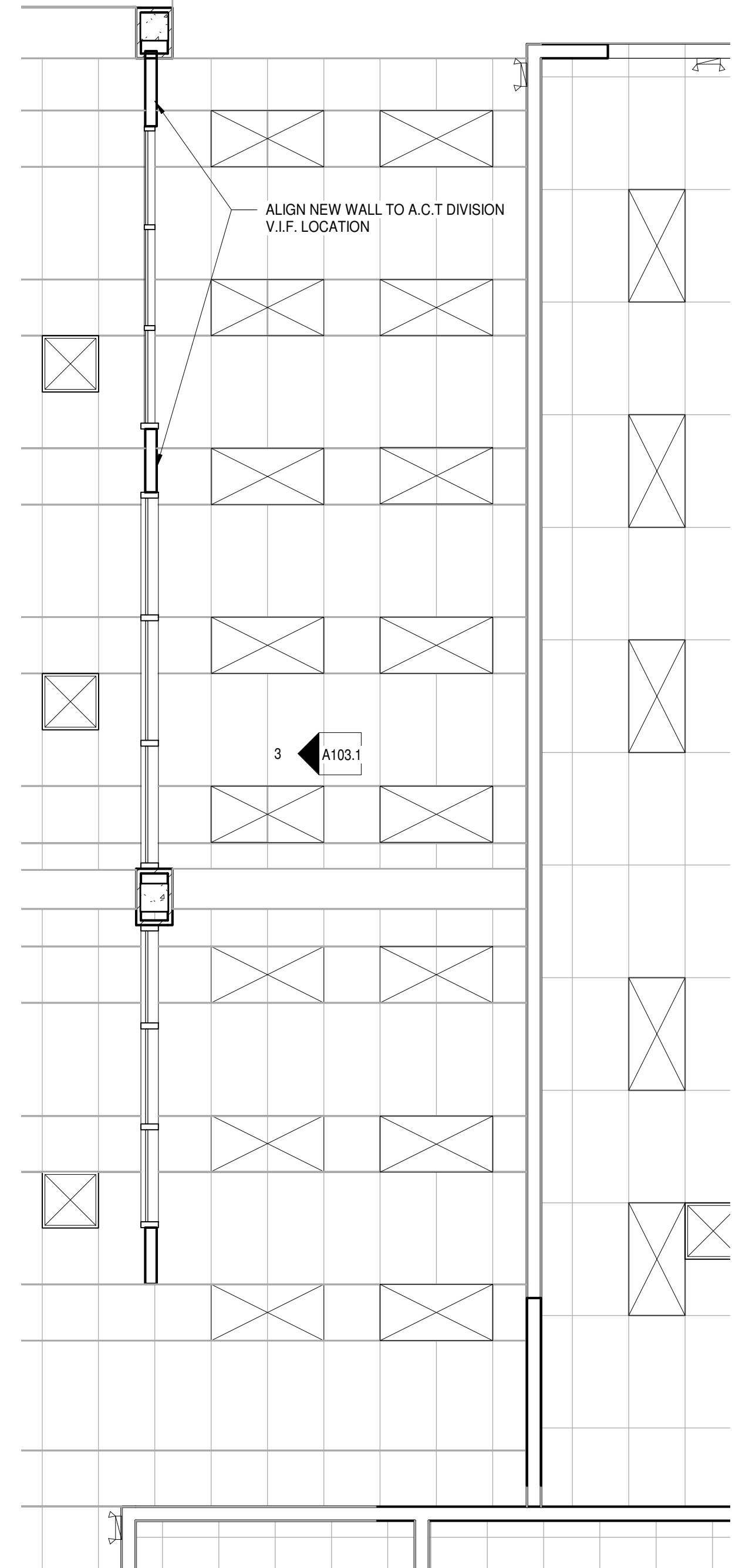
6 JAMB TO WALL DETAIL
A103.1 1/2" = 1'-0"



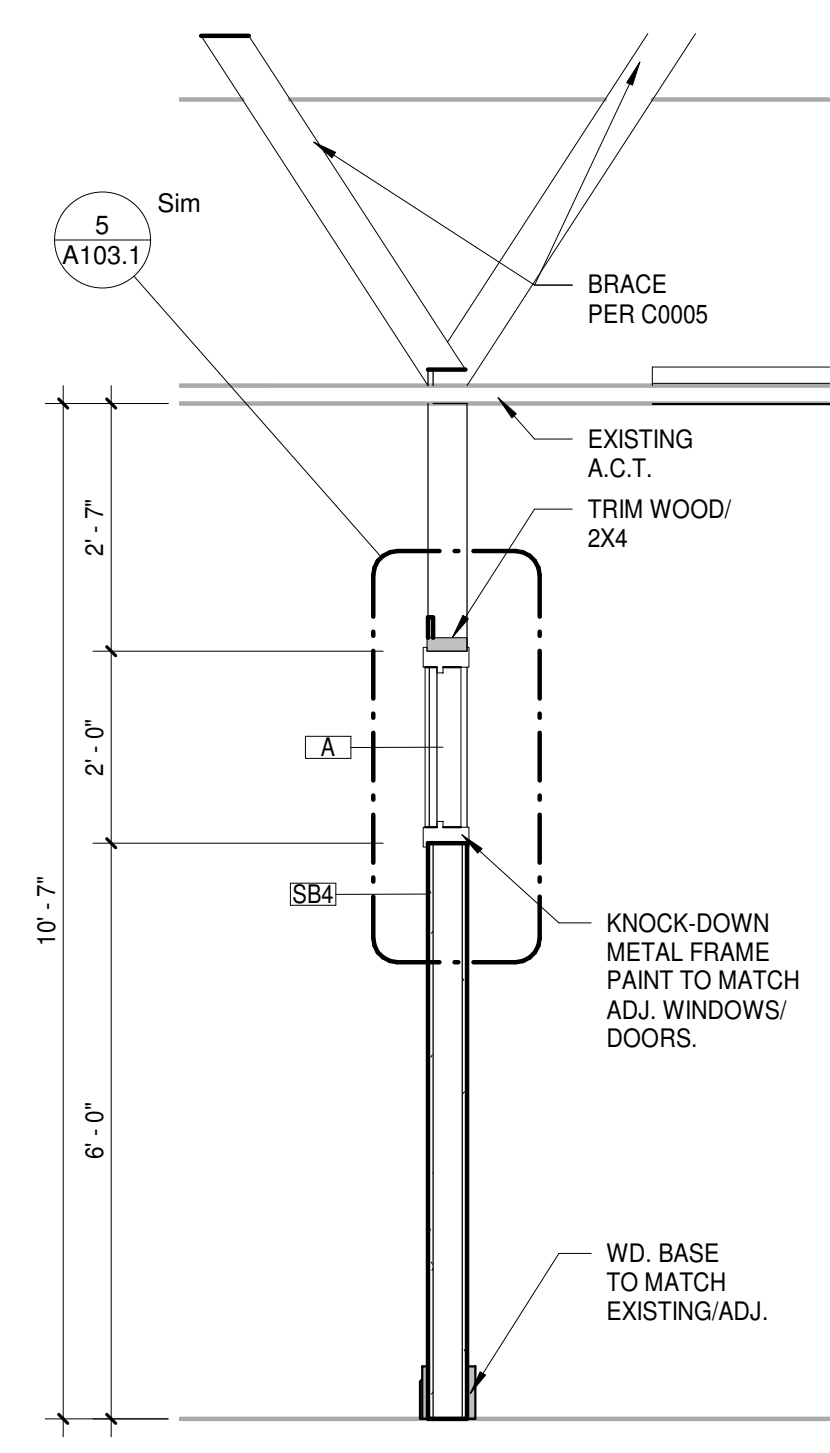
3 ELEVATION YOUNG ADULT AREA
A103.1 1/4" = 1'-0"



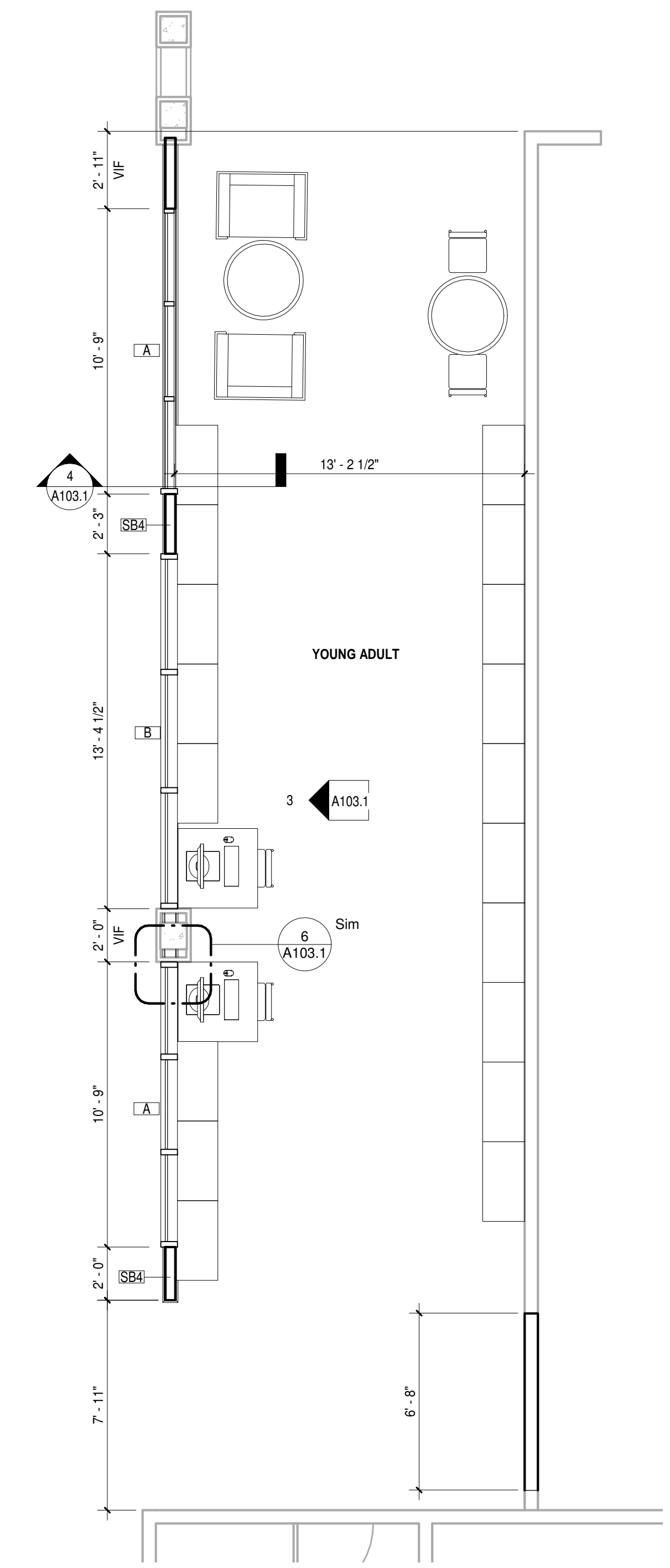
5 SILL AT PARTITION DETAIL
A103.1 1/2" = 1'-0"



2 YOUNG ADULT AREA RCP
A103.1 1/4" = 1'-0"



4 Y.A. SCREENWALL SECTION
A103.1 1/2" = 1'-0"



1 NEW YOUNG ADULT AREA
A103.1 1/4" = 1'-0"

TAMARA PEACOCK, R.A. LICENSE NO. 12126	
DESIGNER	AUTHOR
CAPT. APPROVER	REVISOR BY CHECKER
ISSUED FOR	
REVISION	REVISION DATE

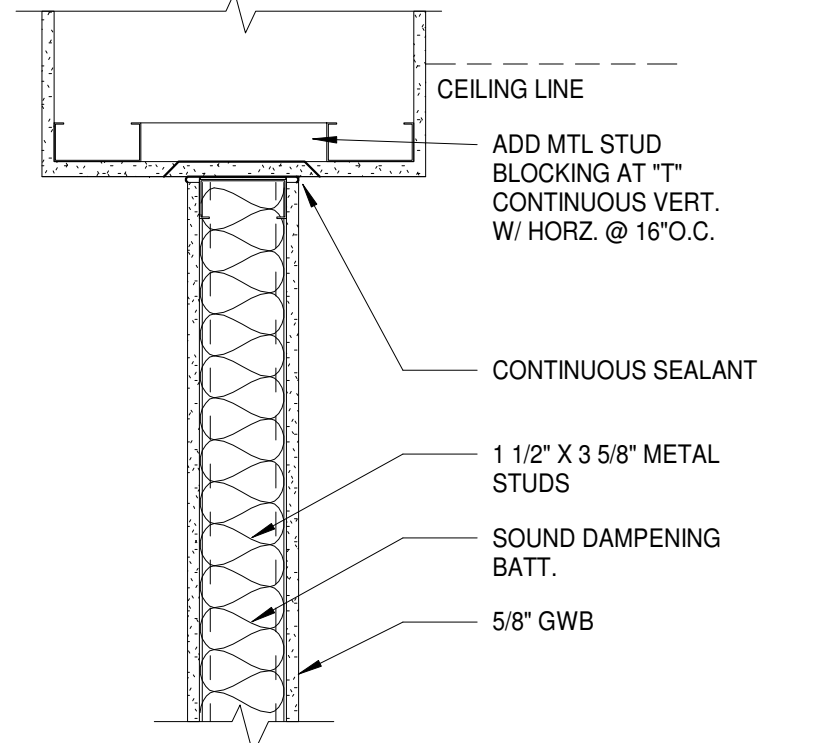
THE TAMARA PEACOCK COMPANY
Architects
104 1st Ave E. Hendersonville, NC 28792
Phone: 828.696.4000 Fax: 954.728.9225

PROJECT NAME:
Henderson Co. Public Library
301 N. WASHINGTON ST.
HENDERSONVILLE, NC 28792

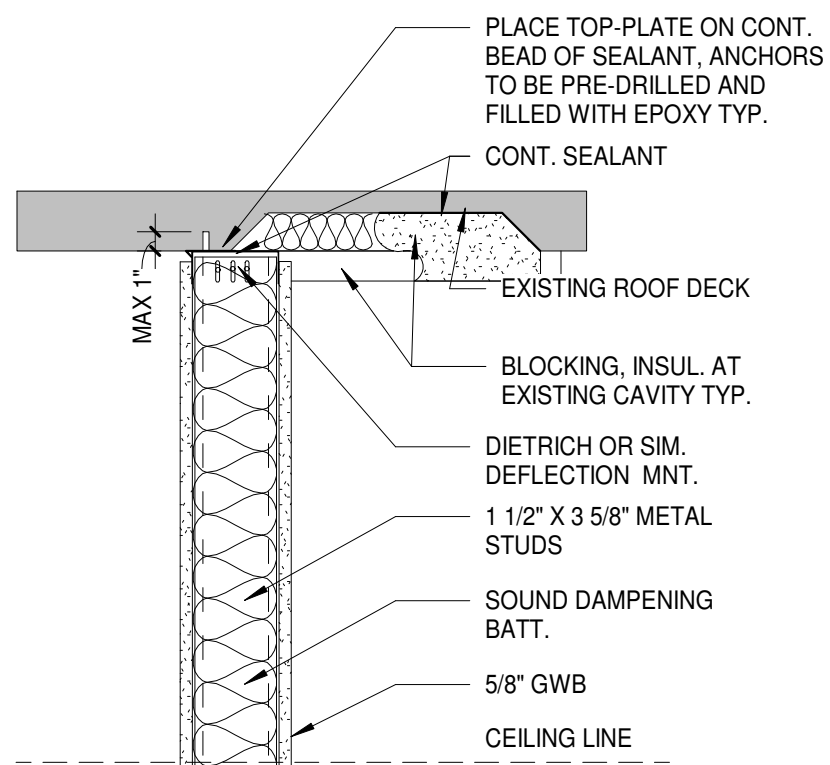
SHEET NAME:
YOUNG ADULT AREA NEW WORK
A103.1
PROJ. NO. 1804 DATE: 7/12/2018
11:55:06 AM
SHEET NO. 1

BID SET
7-2018

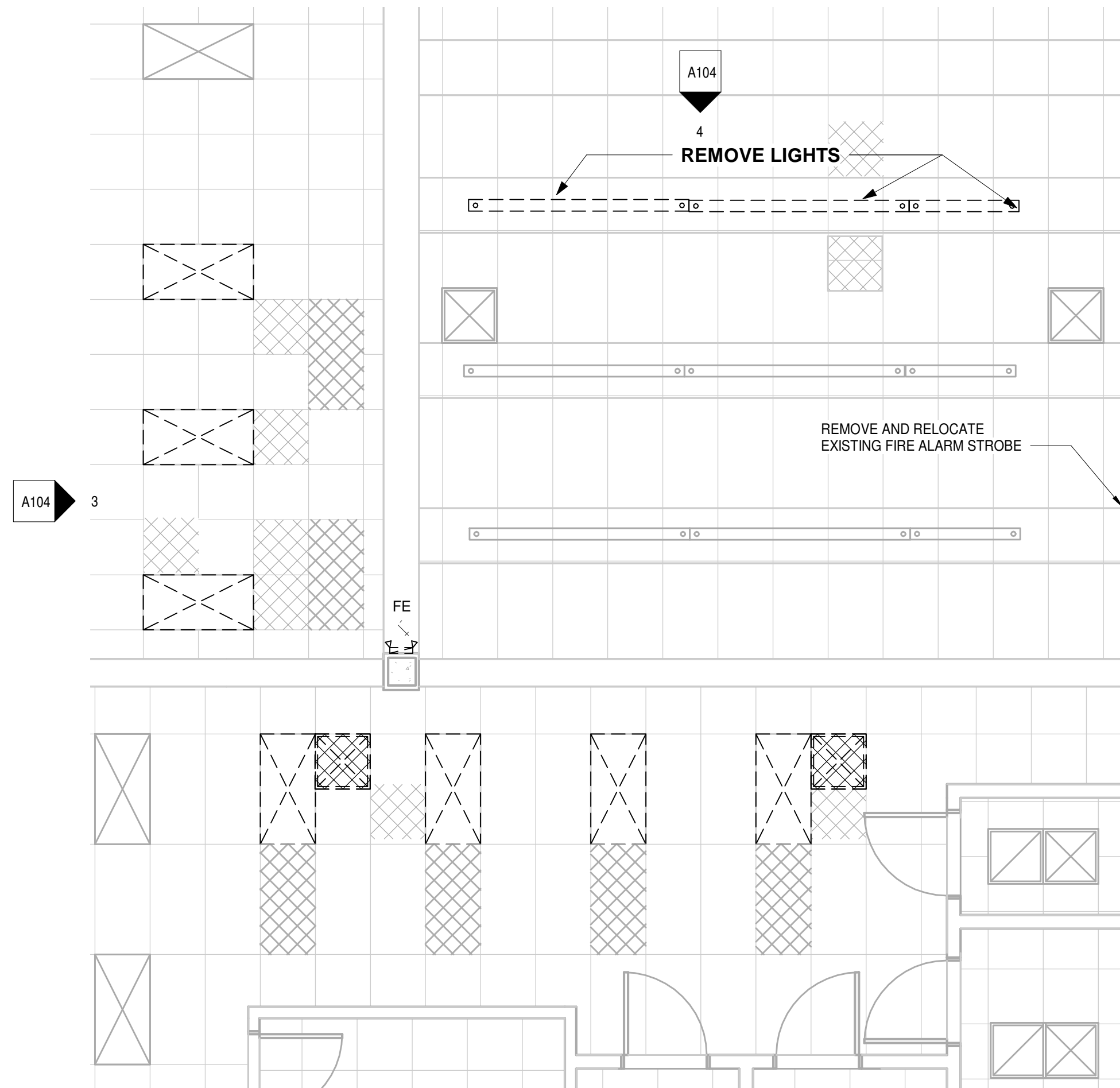
1. THE CONTRACTOR SHALL ACQUANT THEMSELVES WITH THE EXISTING STRUCTURE PRIOR TO CONSTRUCTION.
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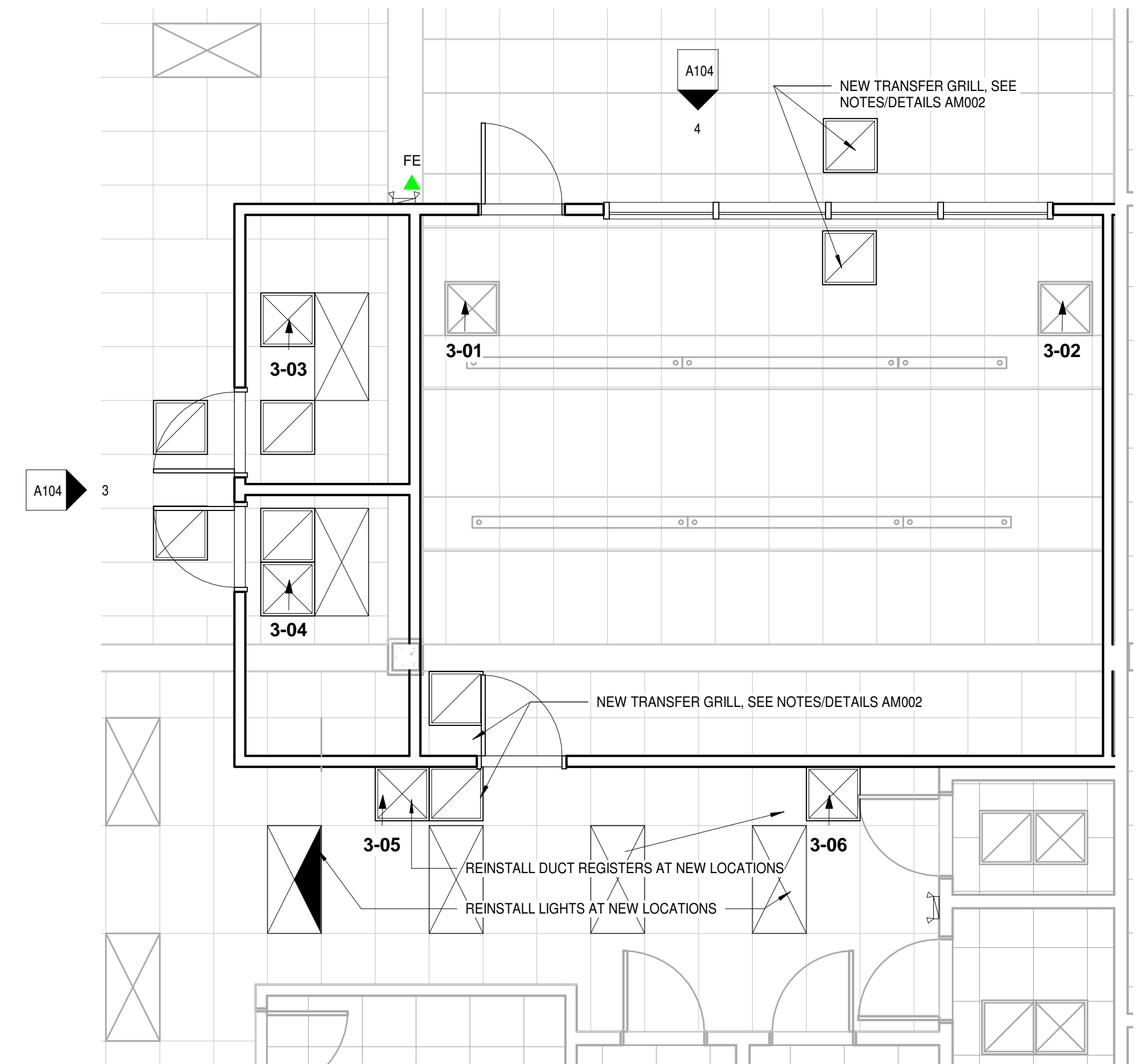
8
A104 1 1/2" = 1'-0"



7
A104 1 1/2" = 1'-0"



5
A104 1/4" = 1'-0"



2
A104 1/4" = 1'-0"

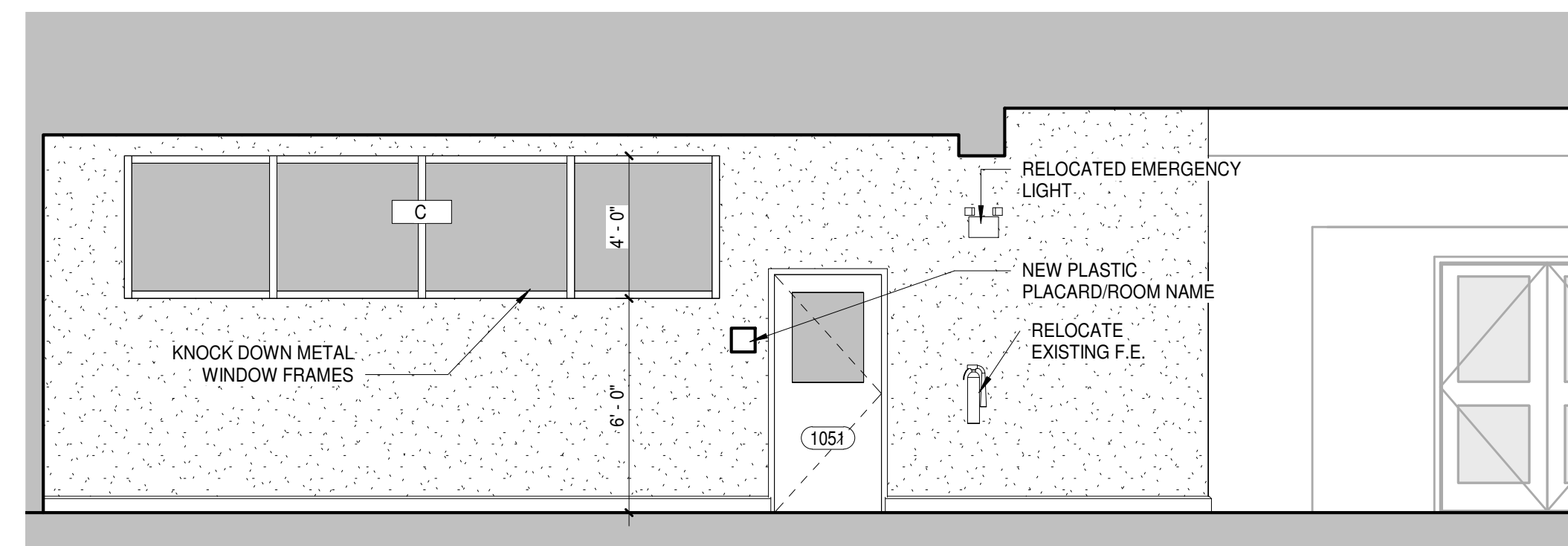
GENERAL DEMOLITION NOTES
NTS

	EXISTING COLUMN WITH GWB ENCLOSURE
	EXISTING 12 INCH WALL
	EXISTING EXTERNAL BRICK WITH 2X4 MTL STUD WALL
	EXISTING WALL 2X4 MTL STUD WALL
	NEW WALL 2X4 MTL STUD WALL
	AREA OF A.C.T. BEING REMOVED FOR WALL

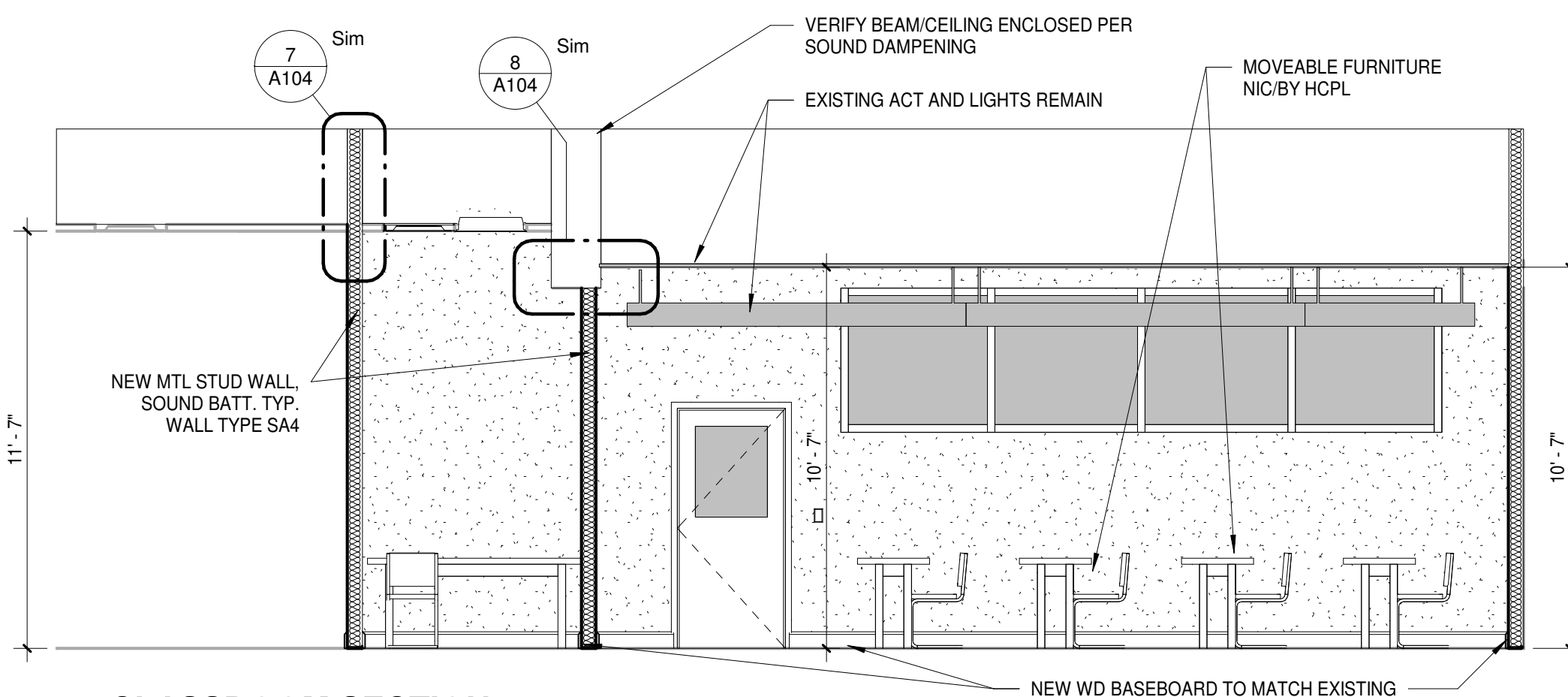
WALL LEGEND

SCOPE OF WORK CLASSROOM/ STUDY ROOMS:

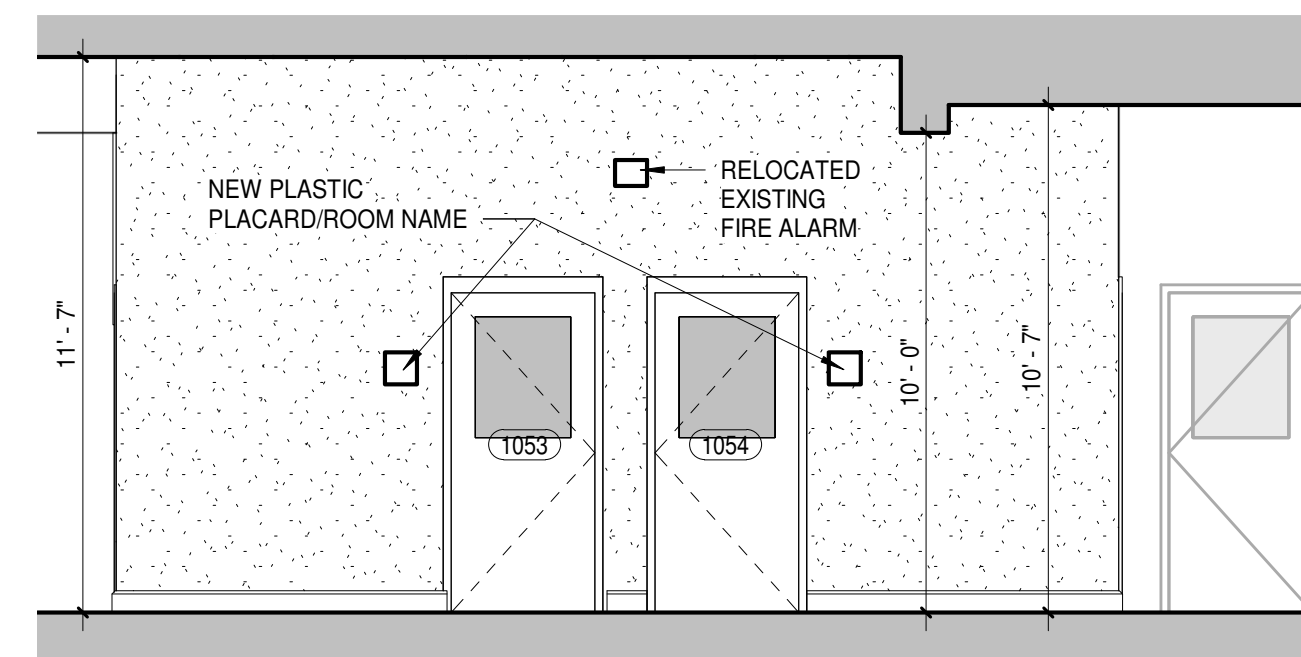
1. Demolish Ceiling as shown (storage of existing A.C.T., Books, Shelves, Furniture, Lights, Switches, etc to be coordinated).
2. Add Classroom and Study Rooms as shown, retrofitting HVAC duct, and lights to new locations (storage of existing A.C.T., Books, Shelves, Furniture, Lights, Switches, etc to be coordinated).



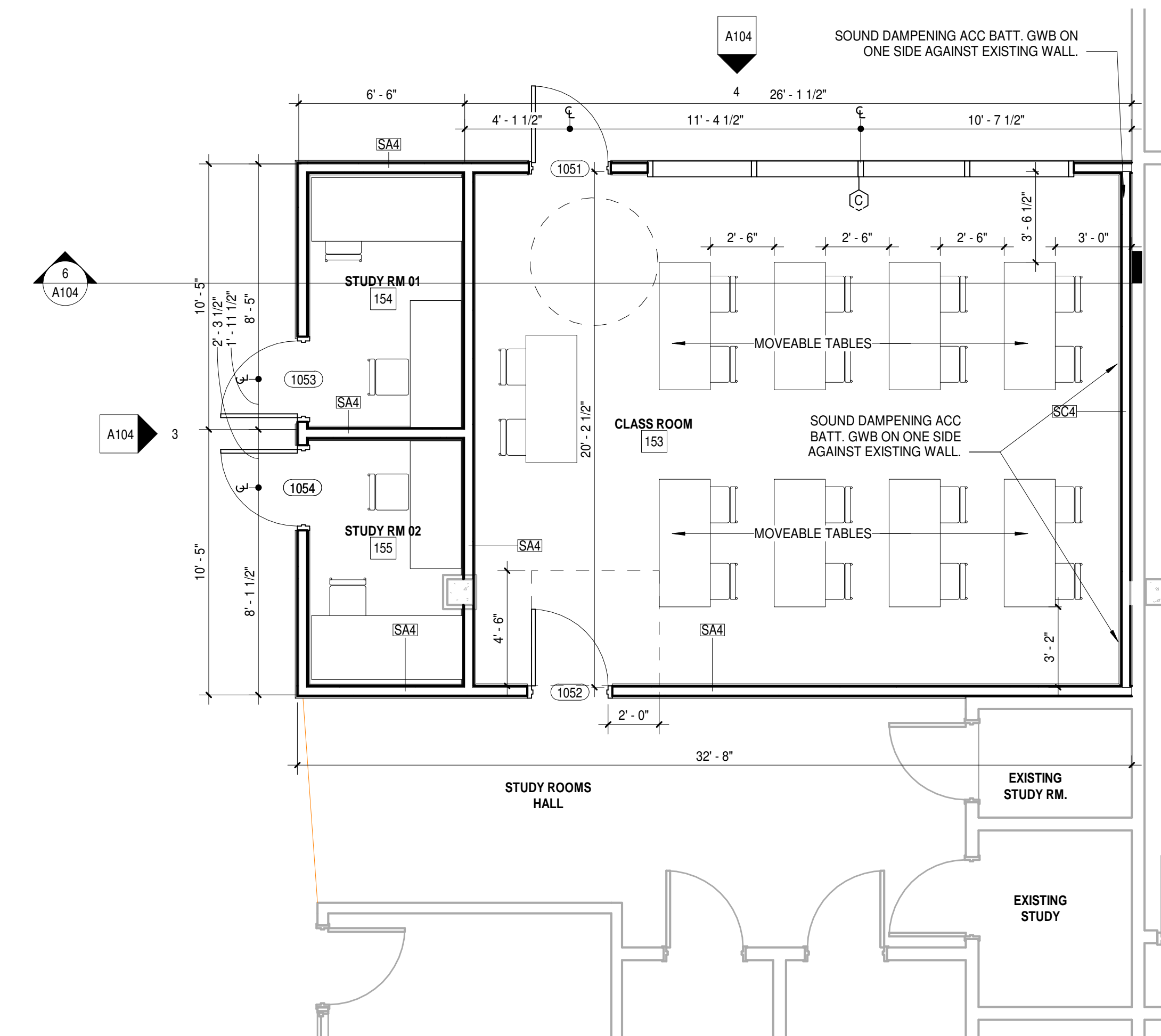
4
A104 1/4" = 1'-0"



6
A104 1/4" = 1'-0"



3
A104 1/4" = 1'-0"



1
A104 1/4" = 1'-0"

NOTE: ALL FURNITURE TO BE SUPPLIED BY HCPL.

BID SET
7-2018

TAMARA PEACOCK, R.A.
LICENSE NO. 12126

DESIGNER
APPROVER

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REVISOR BY
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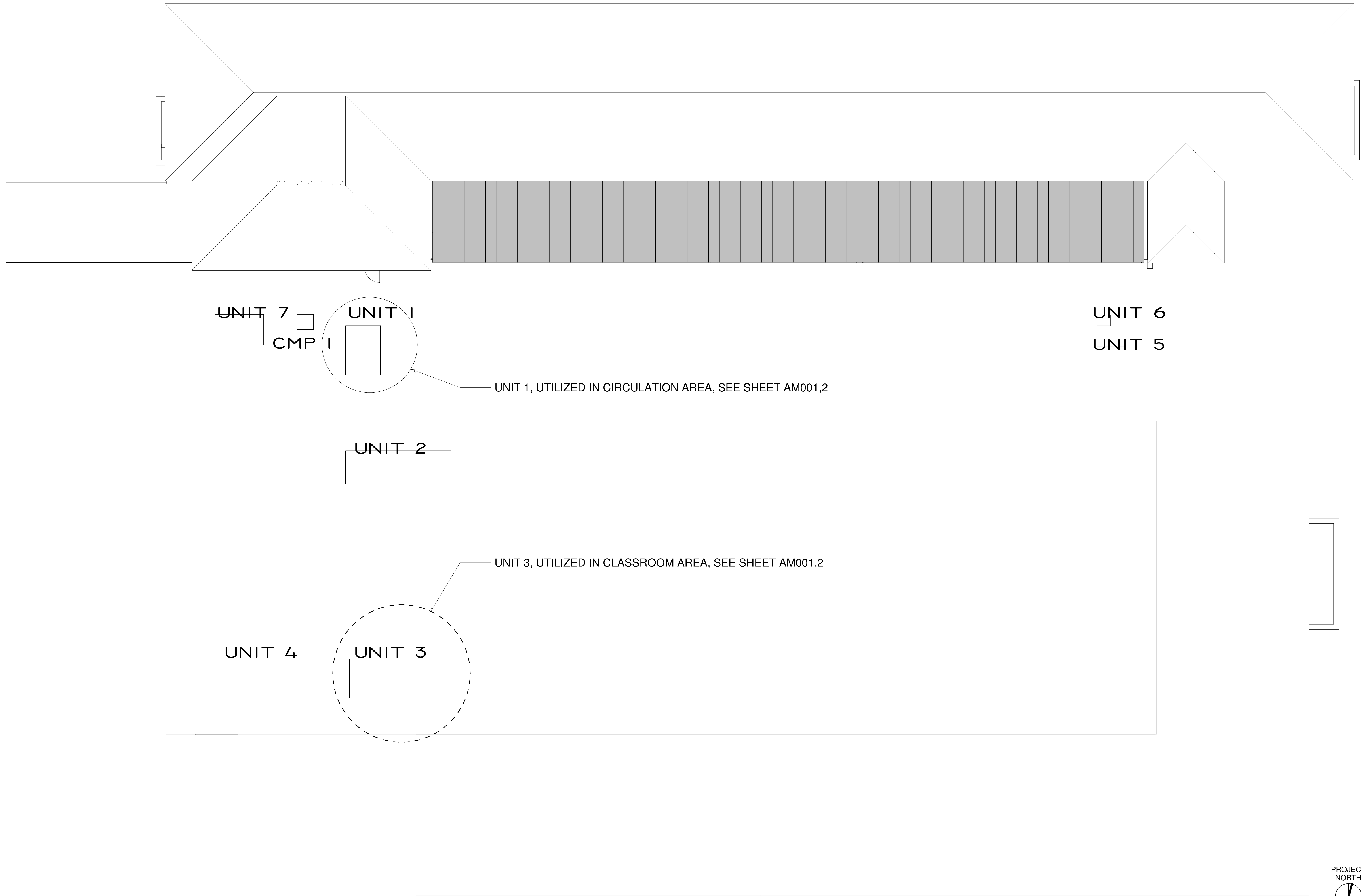
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REVISION	
REVISION DATE	

THE TAMARA PEACOCK COMPANY
Architects
104 1st Ave E. Hendersonville, NC 28792
Phone: 828.696.4000 Fax: 954.728.9225

PROJECT NAME:
Henderson Co. Public Library
301 N. WASHINGTON ST.
HENDERSONVILLE, NC 28792

SHEET NAME:
ENLARGED CLASSROOM AREA LAYOUTS
A104

PROJ. No.: 1804
DATE: 7/12/2018
SHEET No.: AM



TAMARA PEACOCK, R.A.
LICENSE No. 12126

PROJ. DESIGNER	DRAWN BY
CAPT. APPROVER	REVISOR BY
	CHECKER

REVISION	REVISION DATE	ISSUED FOR

THE TAMARA PEACOCK COMPANY
Architects

104 1st Ave E, Hendersonville, NC 28792
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PROJECT NAME:
Henderson Co. Public Library
301 N. WASHINGTON ST.
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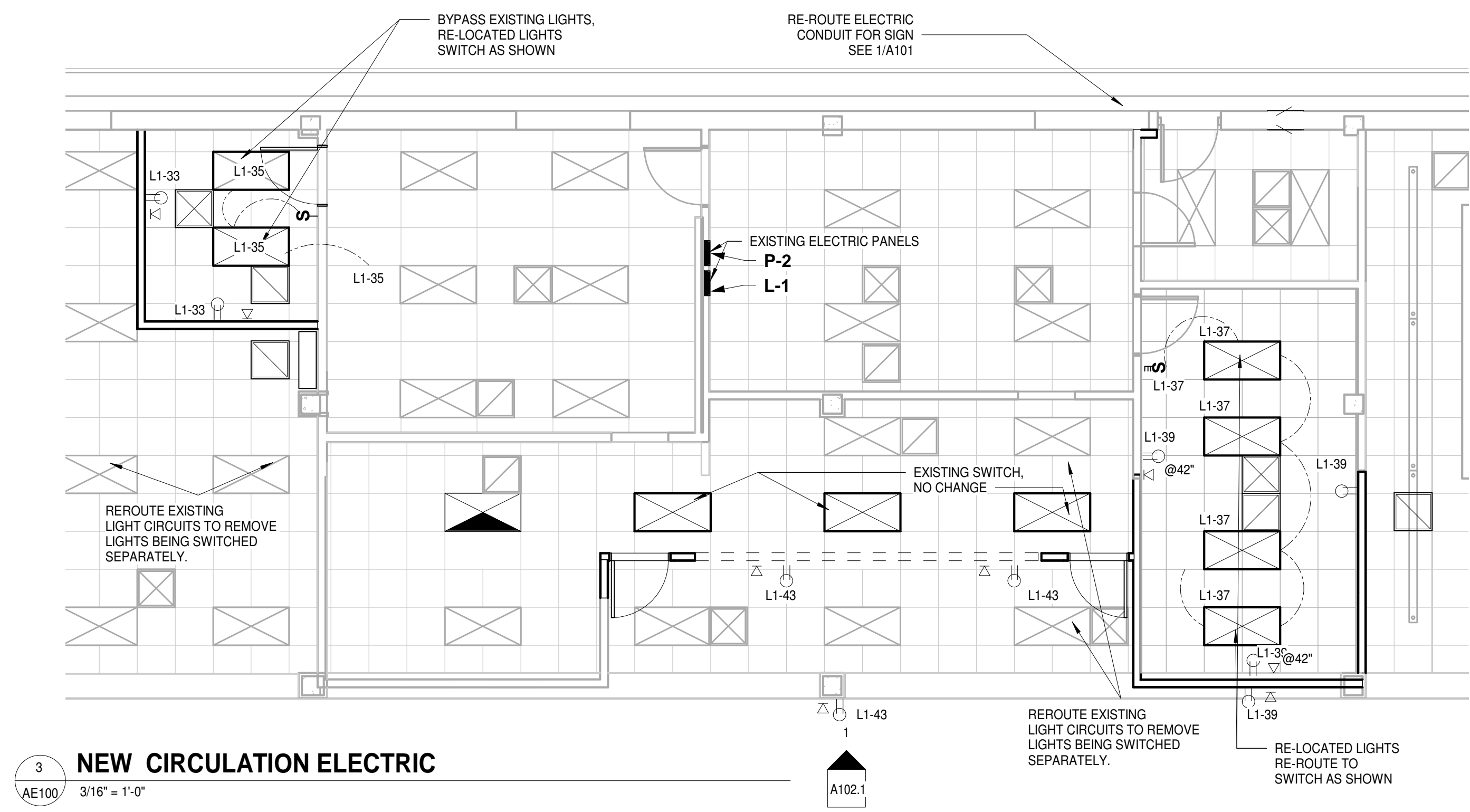
SHEET NAME:
ROOF PLAN

PROJ. No. 1804 DATE: 7/12/2018
SHEET No. 1 AM 11:55:03
A301

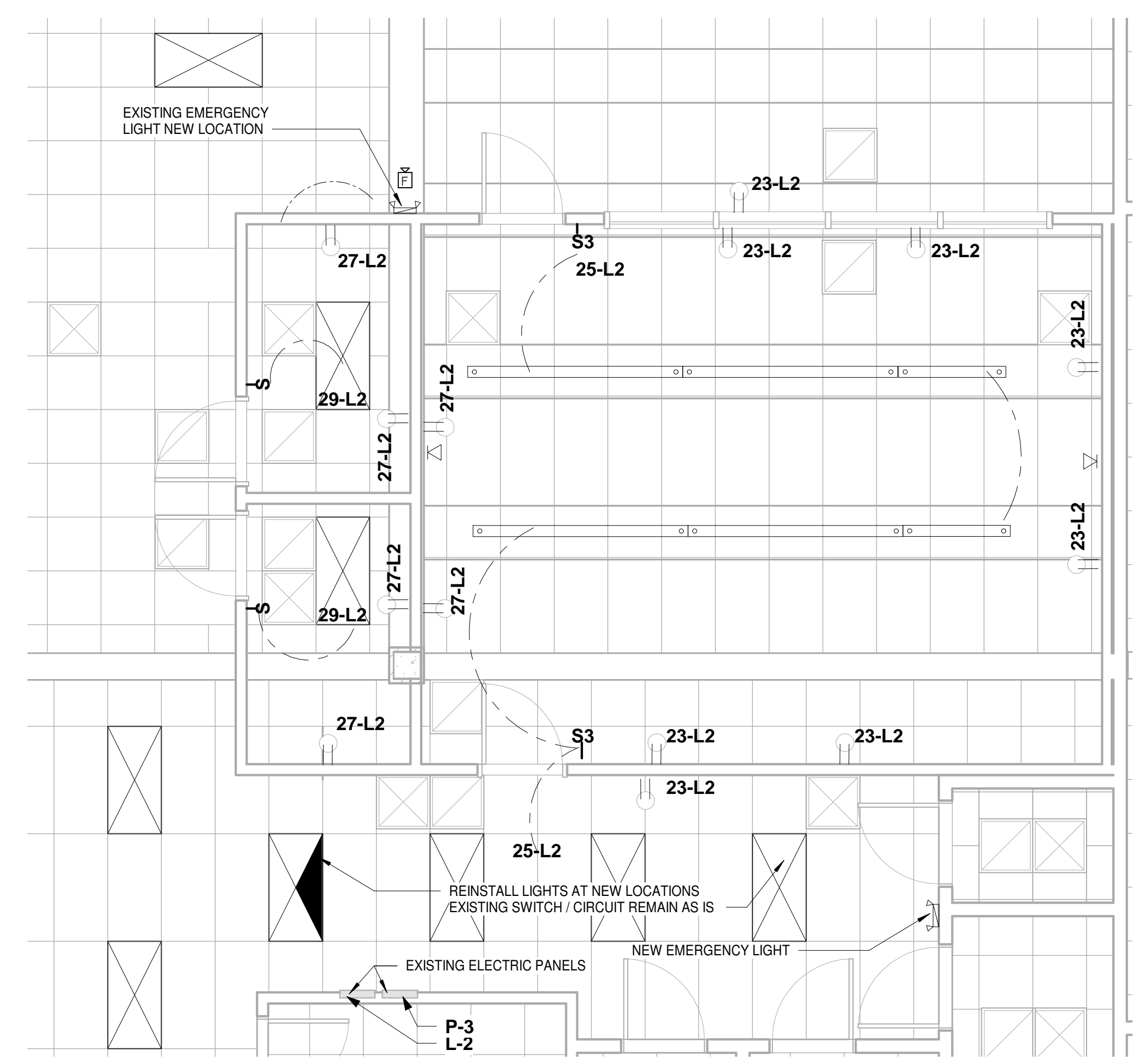
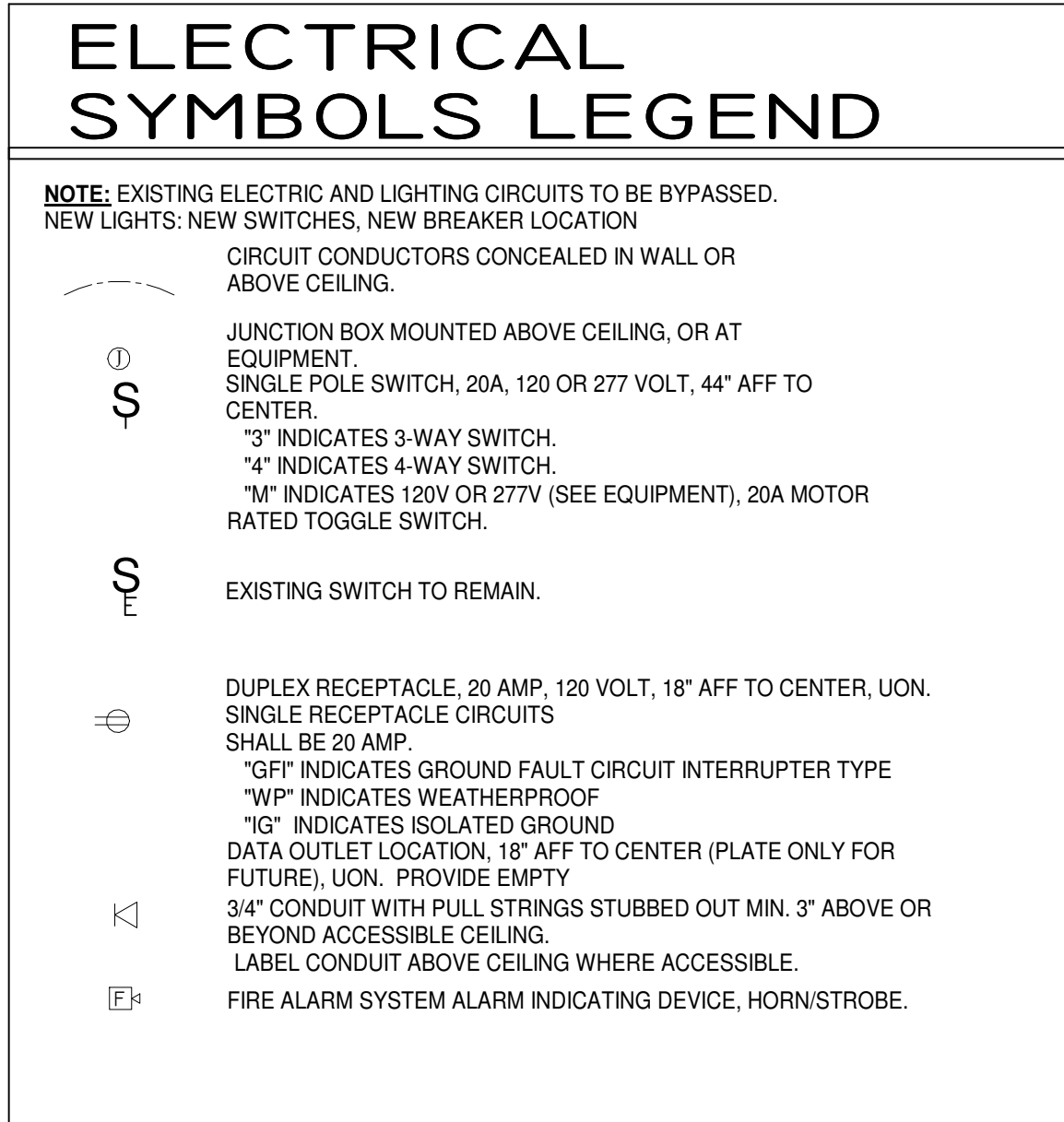
1 ROOF PLAN
1/8" = 1'-0"

PROJECT NORTH

BID SET
7-2018



3 NEW CIRCULATION ELECTRIC
AE100 3/16" = 1'-0"



1 NEW CLASSROOM ELECTRIC
AE100 1/4" = 1'-0"

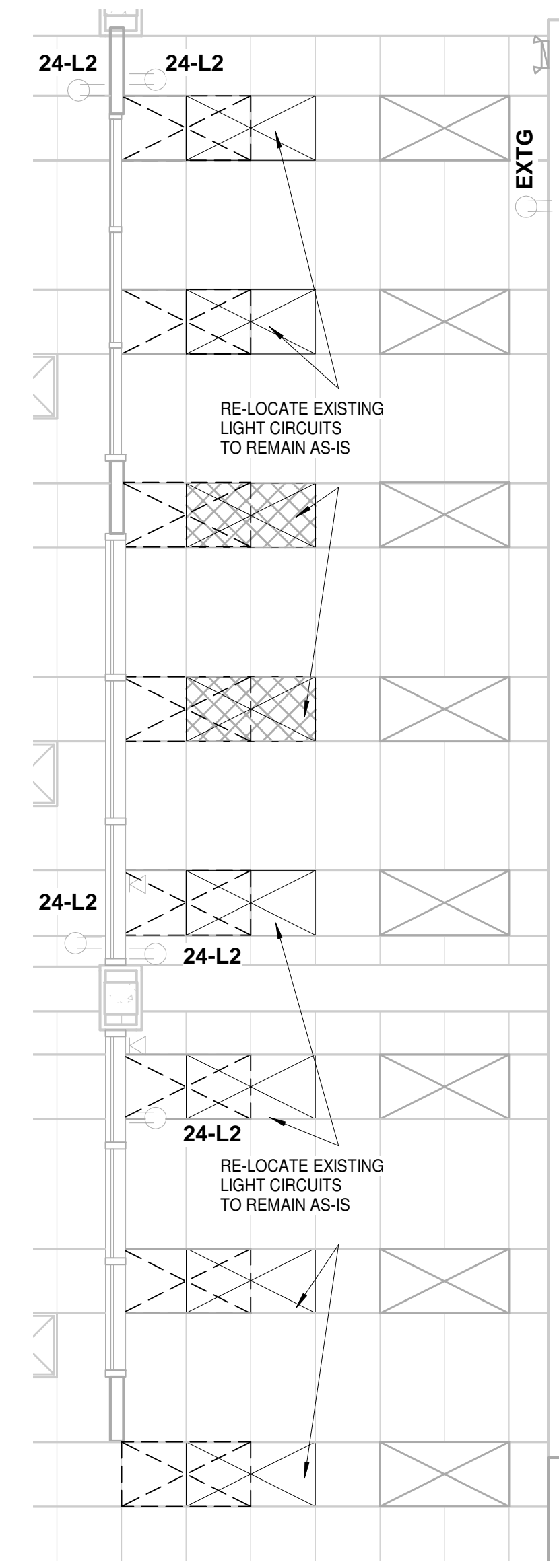
BRANCH PANEL: L1
LOCATION: CIRCULATION AREA
SUPPLY FROM:
MOUNTING: RECESSED
ENCLOSURE:

VOLTS: 120/208 Wye
PHASES: 3
WIRES: 4

A.I.C. RATING:
MAINS TYPE:
MAINS RATING: 100 A
MCB RATING: 100 A

NOTES: EXISTING ELECTRICAL PANEL & SERVICE

CKT	CIRCUIT DESCRIPTION	TRIP	WIRE SIZE	WIRE TYPE	A	B	C	WIRE TYPE	WIRE SIZE	TRIP	CIRCUIT DESCRIPTION	CKT
1	EXISTING REMAIN										EXISTING REMAIN	2
3	EXISTING REMAIN										EXISTING REMAIN	4
5	EXISTING REMAIN										EXISTING REMAIN	6
7	EXISTING REMAIN										EXISTING REMAIN	8
9	EXISTING REMAIN										EXISTING REMAIN	10
11	EXISTING REMAIN										EXISTING REMAIN	12
13	EXISTING REMAIN										EXISTING REMAIN	14
15	EXISTING REMAIN										EXISTING REMAIN	16
17	EXISTING REMAIN										EXISTING REMAIN	18
19	EXISTING REMAIN										EXISTING REMAIN	20
21	EXISTING REMAIN										EXISTING REMAIN	22
23	EXISTING REMAIN										EXISTING REMAIN	24
25	EXISTING REMAIN										EXISTING REMAIN	26
27	EXISTING REMAIN										EXISTING REMAIN	28
29	EXISTING REMAIN										EXISTING REMAIN	30
31	EXISTING REMAIN										EXISTING REMAIN	32
33	NEW OUTLETS IN CIRCULATION/OFFICE	30 A	1-#12, 1-#12, 1-#12								EXISTING REMAIN	34
35	NEW LIGHT IN CIRCULATION/OFFICE	30 A	1-#12, 1-#12, 1-#12								EXISTING REMAIN	36
37	NEW OUTLETS IN CIRCULATION/SHIPPING	30 A	1-#12, 1-#12, 1-#12								EXISTING REMAIN	38
39	NEW LIGHT IN CIRCULATION/SHIPPING	30 A	1-#12, 1-#12, 1-#12								EXISTING REMAIN	40
41	NEW LIGHT IN CIRCULATION/OFFICE	30 A	1-#12, 1-#12, 1-#12								NEW OUTLETS CIRCULATION CHECK OUT	42
TOTAL LOAD:					EXISTING REMAIN							
TOTAL AMPS:												



2 YOUNG ADULT AREA ELECTRIC
AE100 1/4" = 1'-0"

BRANCH PANEL: L2
LOCATION: CLASSROOM, STUDY ROOMS
SUPPLY FROM: (TBD)
MOUNTING: RECESSED
ENCLOSURE: NEMA TYPE 1

VOLTS: 120/208 Wye
PHASES: 3
WIRES: 4

A.I.C. RATING:
MAINS TYPE:
MAINS RATING: 100 A
MCB RATING: 100 A

NOTES: EXISTING ELECTRICAL PANEL & SERVICE

CKT	CIRCUIT DESCRIPTION	TRIP	WIRE SIZE	WIRE TYPE	A	B	C	WIRE TYPE	WIRE SIZE	TRIP	CIRCUIT DESCRIPTION	CKT
1	EXISTING REMAIN										EXISTING REMAIN	2
3	EXISTING REMAIN										EXISTING REMAIN	4
5	EXISTING REMAIN										EXISTING REMAIN	6
7	EXISTING REMAIN										EXISTING REMAIN	8
9	EXISTING REMAIN										EXISTING REMAIN	10
11	EXISTING REMAIN										EXISTING REMAIN	12
13	EXISTING REMAIN										EXISTING REMAIN	14
15	EXISTING REMAIN										EXISTING REMAIN	16
17	EXISTING REMAIN										EXISTING REMAIN	18
19	EXISTING REMAIN										EXISTING REMAIN	20
21	EXISTING REMAIN										EXISTING REMAIN	22
23	NEW OUTLETS IN CLASSROOM	30 A	1-#12, 1-#12, 1-#12	CU-THWN				CU-THWN	1-#12, 1-#12, 1-#12	30 A	NEW OUTLETS IN YOUTH AREA	24
25	NEW LIGHTS IN CLASSROOM	30 A	1-#12, 1-#12, 1-#12	CU-THWN								26
27	NEW OUTLETS STUDY RMS.	30 A	1-#12, 1-#12, 1-#12	CU-THWN								28
29	NEW LIGHTS STUDY RMS.	30 A	1-#12, 1-#12, 1-#12	CU-THWN								30
TOTAL LOAD:					EXISTING REMAIN							
TOTAL AMPS:												

BID SET
7-2018

TAMARA PEACOCK, R.A.
LICENSE NO. 12126

PROJ. No. 1804 DATE: 7/12/2018
DRAWN BY: DW
CHECKED BY: DW
ISSUED FOR: ISSUED FOR: ISSUED FOR: ISSUED FOR:
REVISION: REVISION DATE: REVISION DATE: REVISION DATE: REVISION DATE:

THE TAMARA PEACOCK COMPANY
Architects

PROJECT NAME:
Henderson Co. Public Library
301 N. WASHINGTON ST.
HENDERSONVILLE, NC 28792

SHEET NAME:
ELECTRIC PLANS & NOTES

PROJ. No. 1804 DATE: 7/12/2018
DRAWN BY: DW
CHECKED BY: DW
ISSUED FOR: ISSUED FOR: ISSUED FOR: ISSUED FOR:
REVISION: REVISION DATE: REVISION DATE: REVISION DATE: REVISION DATE:
SHEET AM
AE100

ELECTRICAL NOTES

1. **SCOPE OF WORK:**
 - A. CONTRACTOR SHALL VISIT SITE PRIOR TO BIDDING. BIDS SHALL SERVE AS EVIDENCE OF KNOWLEDGE OF EXISTING CONDITIONS. FIELD VERIFY ALL ELECTRICAL EQUIPMENT.
 - B. FURNISH ALL LABOR, MATERIALS, EQUIPMENT AND TOOLS TO PERFORM ELECTRICAL WORK SHOWN, NOTED OR SCHEDULED FOR A COMPLETE AND FINISHED INSTALLATION.
 - MATERIALS, PRODUCTS AND EQUIPMENT, INCLUDING ALL COMPONENTS THEREOF, SHALL BE NEW AND SUCH AS APPEAR ON THE UNDERWRITERS LABORATORIES LIST OF APPROVED ITEMS AND SHALL BE SIZED IN CONFORMITY WITH REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE AND OTHER APPLICABLE CODES, WHICHEVER ARE MORE STRINGENT.
 - C. ALL WORK TO BE IN ACCORDANCE WITH NATIONAL ELECTRIC CODE (2014) AND THE PROVISIONS OF THE LOCAL ELECTRICAL AUTHORITY AND NC AMENDMENTS
 - D. ALL ELECTRICAL EQUIPMENT SHALL BE INSTALLED IN STRICT COMPLIANCE WITH THE MANUFACTURER'S INSTALLATION PROCEDURES.
 - E. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL LABOR AND MATERIALS NECESSARY FOR A COMPLETE ELECTRICAL SYSTEM, WHETHER SPECIFIED OR IMPLIED.
2. **PERMITS:**
 - A. SECURE AND PAY FOR ALL REQUIRED PERMITS AND INSPECTION CERTIFICATES.
3. **SHOP DRAWINGS:**
 - A. SUBMIT MATERIAL LIST AND SHOP DRAWINGS FOR MAJOR EQUIPMENT TO THE ARCHITECT FOR APPROVAL. SUBMITTALS SHALL BE IN ACCORDANCE WITH GENERAL CONDITIONS AND SHALL BEAR STAMP OF THE GENERAL CONTRACTOR SHOWING THAT HE HAS REVIEWED AND APPROVED THEM. LACK OF SUCH CONTRACTOR'S APPROVAL WILL BE CAUSE FOR REJECTION WITHOUT REVIEW BY THE ARCHITECT OR ENGINEER.
 - B. SUBMIT SIX(6) SETS OF SHOP DRAWINGS.
4. **CONDUITS:**
 - A. THE TYPE OF CONDUIT SHALL BE AS FOLLOWS FOR ALL FEEDERS AND DISTRIBUTION CIRCUITS, UNLESS OTHERWISE SPECIFIED.

APPLICATION	TYPE OF CONDUIT
BURIED IN CONCRETE OR MASONARY, OR OUTDOORS UNDERGROUND	GALV. RIGID STEEL OR EMT W/ W.P. FITTINGS
SUPPLY TO DISTRIBUTION PANELS	PVC - SCHED. 40
BRANCH CIRCUITS (CONCEALED)	EMT
BRANCH CIRCUITS (CONCEALED-PATIENT AREAS)	MC
BRANCH CIRCUITS (EXPOSED)	HCF
5. **WIRE:**
 - A. WIRE SHALL BE SINGLE CONDUCTOR COPPER WITH 600 VOLT INSULATION. #10 AND SMALLER SHALL BE SOLID. #8 AND LARGER SHALL BE STRANDED. MINIMUM WIRE SIZE SHALL BE #12 EXCEPT #14 MAY BE USED FOR CONTROL. ALL WIRE AND CABLE SHALL BE NEW AND SHALL BE BROUGHT TO THE SITE IN UNBROKEN PACKAGES. ALL WIRING OF ANY TYPE SHALL BE IN CONDUIT.
 - GENERAL WIRING SHALL BE THW OR THHN (ALUMINUM CONDUCTORS ARE NOT PERMITTED).
 - B. WIRE CONNECTORS SHALL BE EQUAL BY SCOTCHLOCK FOR #6 AND SMALLER AND T & B "LOCK-LITE" FOR #8 AND LARGER.
6. **LIGHTING:**
 - A. LIGHTING FIXTURES AND LAMPS (UNLESS NOTED OTHERWISE) SHALL BE FURNISHED BY THE ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL INSTALL ALL FIXTURES AND LAMPS.
7. **WIRE DEVICES:**
 - A. RECEPTACLES SHALL BE 20 AMP, 3-WIRE GROUNDING TYPE EQUAL TO HUBBELL 5362 (MOUNTING @ 18"A.F.F.).
 - B. SWITCHES SHALL BE STANDARD GRADE RATED 20 AMP AT 120 VOLT (MOUNTING @48"A.F.F.).
 - C. SPECIAL DEVICES SHALL BE A SPECIFICATION GRADE.
8. **SAFETY SWITCHES:**
 - A. PROVIDE SAFETY AND DISCONNECT SWITCHES, FUSED OR NONFUSED, AS CALLED FOR ON DRAWINGS AND AS REQUIRED BY CODE. SWITCHES SHALL BE HEAVY DUTY, LOAD AND HORSEPOWER RATED AS MANUFACTURED BY SQUARE D, GOULD, ITE OR EQUAL.
 - B. MANUAL MOTOR STARTERS WITH OVERLOAD PROTECTION MAY BE USED FOR FRACTIONAL HORSEPOWER MOTORS. SINGLE PHASE STARTERS SHALL BE SQUARE D OR EQUAL. THREE PHASE STARTERS SHALL BE PROVIDED WITH OVERLOAD DEVICES IN EACH PHASE. MAGNETIC MOTOR STARTERS SHALL BE USED FOR INTEGRAL HORSEPOWER MOTORS, COMBINATION STARTERS, WHEN USED, SHALL CONTAIN FUSIBLE SWITCHES.
9. **BOXES:**
 - A. OUTLET BOXES AND COVERS SHALL BE GALVANIZED, ONE-PIECE PRESSED STEEL KNOCKOUT.
 - B. JUNCTION, PULL BOXES AND COVERS SHALL BE GALVANIZED STEEL, CODE GAUGE SIZE. SERVICES:
10. **SERVICES:**
 - A. PROVIDE ELECTRICAL SERVICE AS SHOWN ON THE DRAWINGS. ALL WORK NOT SPECIFICALLY NOTED AS BEING BY THE OWNER OR POWER COMPANY SHALL BE PROVIDED BY THE ELECTRICAL CONTRACTOR. CLOSELY CO-ORDINATE ENTIRE INSTALLATION WITH OWNER AND POWER COMPANY AS REQUIRED.
11. **INSTALLATION:**
 - A. ALL ELECTRICAL WORK SHALL BE INSTALLED SO AS TO BE READILY ACCESSIBLE FOR OPERATING, SERVICING, MAINTAINING AND REPAIRING. HANGERS SHALL INCLUDE ALL MISCELLANEOUS STEEL SUCH AS CHANNELS, RODS, ETC., NECESSARY FOR THE INSTALLATION OF WORK AND SHALL BE FASTENED TO STEEL, CONCRETE OR WOOD, BUT NOT TO PIPING. ALL CONDUIT SHALL BE CONCEALED WHEREVER POSSIBLE. EXPOSED CONDUIT SHALL BE IN STRAIGHT LINES PARALLEL WITH OR AT RIGHT ANGLES TO COLUMN LINES OR BEAMS AND SEPARATED AT LEAST 3 INCHES FROM WATER LINES WHEREVER THEY RUN ALONG SIDE OR ACROSS SUCH LINES. CONDUCTORS SHALL BE IN CONDUIT, DUCTS OR APPROVED RACEWAYS.
 - B. THE CONTRACTOR SHALL DO ALL CUTTING, CHASING OR CHANNELING AND PATCHING REQUIRED FOR ANY WORK UNDER THIS DIVISION. ANY CUTTING SHALL HAVE PRIOR APPROVAL OF OWNER. SLEEVES SHALL EXTEND AT LEAST TWO (2") INCHES ABOVE FINISHED FLOOR AND ALL SLEEVES, OPENINGS, ETC., THROUGH FIRE RATED WALLS AND FLOORS SHALL BE SEALED AFTER CONDUIT INSTALLATION TO REMAIN THEIR FIRE RATING.
 - C. THE FOLLOWING EQUIPMENT SHALL BE IDENTIFIED WITH ENGRAVED BAKELITE NAMEPLATES AS TO NAME AND/OR FUNCTION; DISTRIBUTION PANEL, LIGHTING PANELS, MOTOR STARTERS, TIME CLOCKS, AND DISCONNECT SWITCHES.
 - D. THE LOCATION OF OUTLETS AND EQUIPMENT SHOWN ON THE DRAWINGS ARE APPROXIMATE AND THE ARCHITECT SHALL HAVE THE RIGHT TO RELOCATE ANY OUTLETS OR FIXTURES BEFORE THEY ARE INSTALLED WITHOUT ADDITIONAL COST..
 - E. ELECTRICAL CONTRACTOR SHALL RECORD ALL FIELD CHANGES IN HIS WORK AS THE JOB PROGRESSES.
12. **GUARANTEE:**
 - A. MATERIALS, EQUIPMENT AND INSTALLATION SHALL BE GUARANTEED FOR A PERIOD OF ONE (1) YEAR FROM DATE OF ACCEPTANCE. DEFECTS WHICH APPEAR DURING THAT PERIOD SHALL BE CORRECTED AT THIS CONTRACTOR'S EXPENSE.
 - B. FOR THE SAME PERIOD, THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO PREMISES CAUSED BY DEFECTS IN WORKMANSHIP OR IN THE WORK OR EQUIPMENT FURNISHED AND/OR INSTALLED BY HIM.
13. **FINALLY:**
 - A. IT IS THE INTENT THAT THE FOREGOING WORK SHALL BE COMPLETE IN EVERY RESPECT AND THAT ANY MATERIAL OR WORK NOT SPECIFICALLY MENTIONED OR SHOWN ON THE DRAWINGS, BUT NECESSARY TO FULLY COMPLETE THE WORK SHALL BE FURNISHED.

ELECTRIC SPECIFICATIONS

1/4" = 1'-0"

TAMARA PEACOCK, R.A.
LICENSE No.12126

PROJ. No. 1804
DATE: 7/12/2018
SHEET No. 7-2018

DESIGNER CAPT. APPROVER	DRAWN BY AUTHOR REVISED BY CHECKER
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ISSUED FOR	REVISION DATE	REVISION			

THE TAMARA PEACOCK COMPANY
Architects

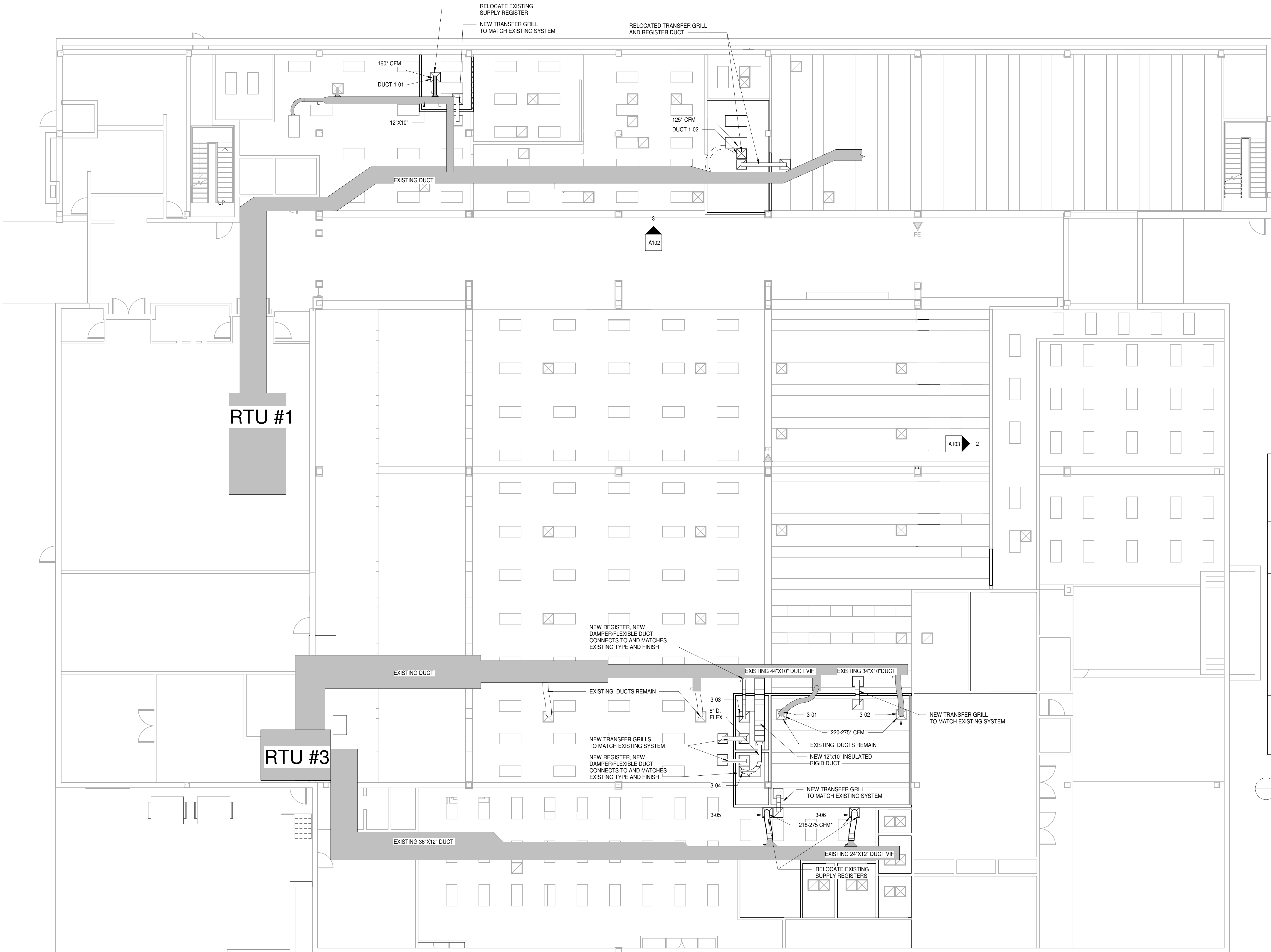
104 1st Ave E, Hendersonville, NC 28792
Phone: 828.696.4000 Fax: 954.728.9225

PROJECT NAME:
Henderson Co. Public Library
301 N. WASHINGTON ST.
HENDERSONVILLE, NC 28792

SHEET NAME:
ELECTRIC PLANS & NOTES

PROJ. No. 1804 DATE: 7/12/2018
SHEET No. 7-2018
AE101

**BID SET
7-2018**



	TRANSFER GRILL
	SUPPLY REGISTER
	NEW FLEXI DUCT
	EXISTING DUCTS REMAIN
	NEW RIGID INS. DUCT
	NEW DAMPER HANDLE

○ HVAC DUCT LEGEND

1
AM001 1/8" = 1'-0" MECHANICAL WORK AREAS
*NOTE: CFM DATA FOUND DURING 6/14/2018 INVESTIGATION. ACTUAL CFM AMOUNTS MAY VARY, FINAL CFM FLOW TO BE SET BY OWNER.

TAMARA PEACOCK, R.A.
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CAPT. APPROVER

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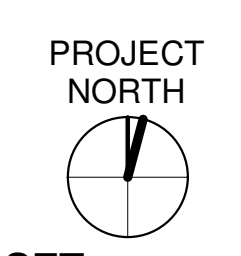
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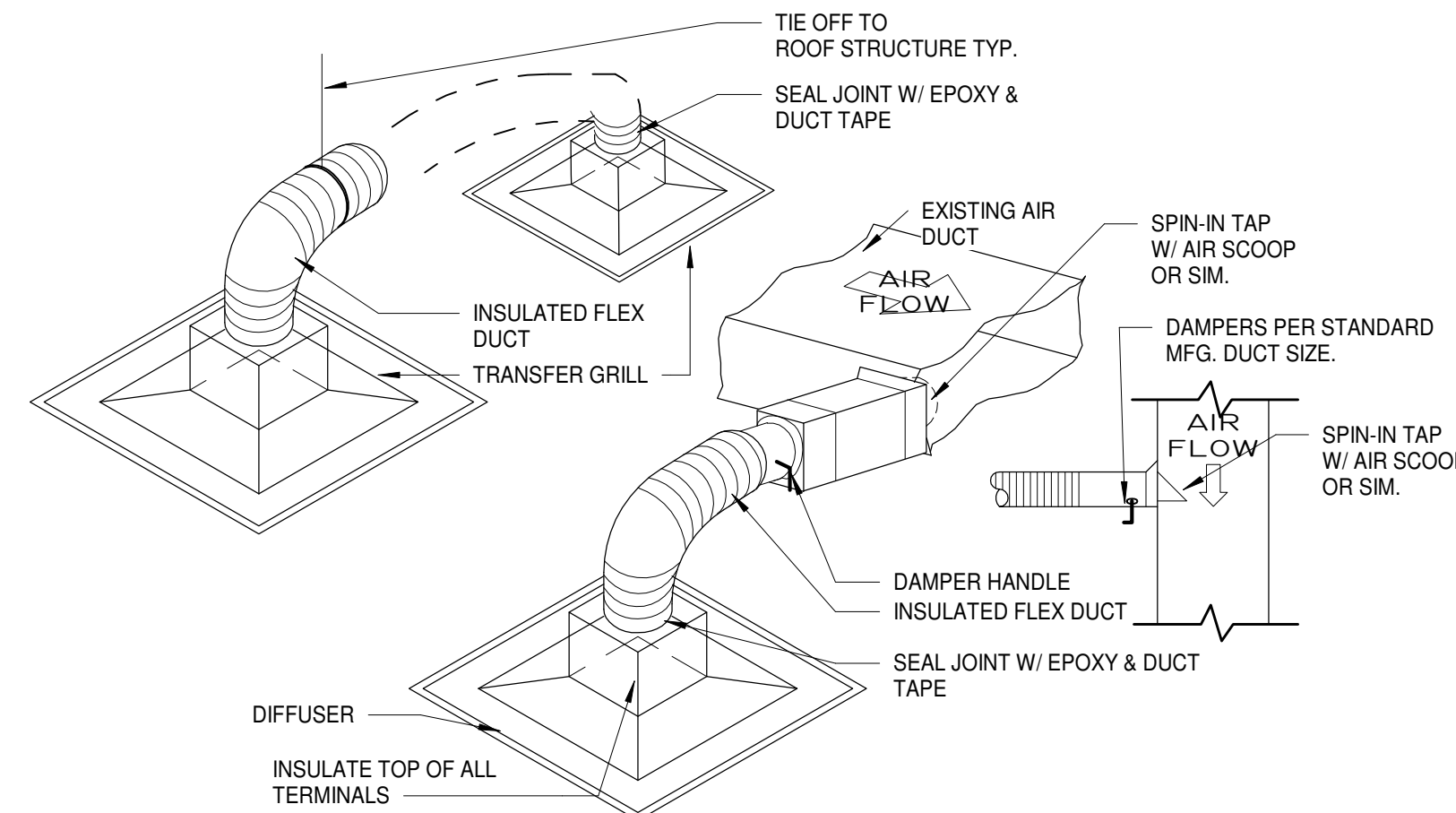
SHEET NAME:
HVAC UPFIT

PROJ. No. 1804 DATE: 7/12/2018 11:55:05 AM
SHEET No.: **AM001**



BID SET
7-2018

MECHANICAL NOTES



HVAC DUCT MODIFICATION

3/16" = 1'-0"

1. ALL MATERIALS AND EQUIPMENT SHALL BE INSTALLED AND COMPLETED IN FIRST CLASS WORKMANLIKE MANNER. ANY MATERIALS INSTALLED, WHICH SHALL NOT PRESENT AN ORDERLY AND REASONABLY NEAT OR WORKMANLIKE APPEARANCE, SHALL BE REMOVED AND REPLACED WHEN SO DIRECTED BY THE ARCHITECT/ENGINEER AT THE CONTRACTOR'S EXPENSE.

2. NEW DUCTWORK SHOWN IS SCHEMATIC. PLAN ROUTING OF DUCTWORK AND COORDINATE LOCATION OF DUCTS AFTER INSPECTION OF EXISTING CONDITIONS AND BEFORE FABRICATION. SLIGHT VARIATION OF ROUTING AND/OR CONSTRUCTION SHOULD BE ANTICIPATED AND IS EXPRESSLY INCLUDED AS PART OF THE WORK WHENEVER REQUIRED, AT NO ADDITIONAL COST TO OWNER. IGNORANCE ON THE PART OF THE CONTRACTOR WILL IN NO WAY EXCUSE HIM OR SHE FROM THE OBLIGATIONS AND RESPONSIBILITIES OF THIS CONTRACT.

3. ANY CONFLICTS OR DISCREPANCIES ON THESE DRAWINGS SHALL BE CALLED TO THE ATTENTION OF THE ARCHITECT/ENGINEER DURING THE BIDDING PERIOD FOR RESOLUTION. OTHERWISE, ALL SUCH CONFLICTS OR DISCREPANCIES SHALL BE RESOLVED AT THE CONTRACTOR'S EXPENSE.

4. ALL CONTROL WIRING SHALL BE PROVIDED BY THE CONTRACTOR.

5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION WITH ALL OTHER TRADES FOR CLEARANCES AND USE OF AVAILABLE SPACE.

6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AND PAYING FOR ALL PERMITS, FEES, INSPECTIONS AND TESTS.

7. THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS, EQUIPMENT AND SERVICES NECESSARY FOR THE INSTALLATION OF A COMPLETE MECHANICAL SYSTEM, READY FOR CONTINUOUS AND SATISFACTORY OPERATION BY THE OWNER.

8. THE ENTIRE INSTALLATION SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES, INCLUDING ALL LOCAL RULES AND ORDINANCES.

9. PROVIDE MANUAL DAMPERS WHERE SHOWN ON THE DRAWINGS. DAMPERS SHALL BE MANUFACTURED ACCORDING TO SMACNA "HVAC DUCT CONSTRUCTION STANDARDS METAL AND FLEXIBLE" FIRST EDITION AND SHALL HAVE LOCKING QUADRANT WITH WING NUT.

10. ALL SUPPLY DUCTWORK SHALL BE CONSTRUCTED OF FIBERGLASS, INSTALLED IN ACCORDANCE WITH SMACNA "HVAC DUCT CONSTRUCTION STANDARDS".

11. PROVIDE INSULATION ON ALL S/A AND R/A DUCT. FIBERGLASS FLEXIBLE BLANKET WRAP, COMPOSED OF FLEXIBLE BLANKET OF GLASS FIBER FACTORY LAMINATED TO A REINFORCED FOIL KRAFT (FRK) VAPOR BARRIER WITH A MINIMUM 2-INCH TAPING AND STAPLING FLANGE ON ONE EDGE, SUITABLE FOR OPERATION AT TEMPERATURES FROM 40F TO 250F. THERMAL CONDUCTIVITY OF 0.31 AT 75F. MINIMUM DENSITY OF THREE-QUARTER (3/4) POUND PER CUBIC FOOT. PROVIDE IN THICKNESS OF TWO (2) INCHES. OWENS-CORNING ALL SERVICE FACED DUCT WRAP; MANVILLE R-SERIES MICROLITE; CERTAINTED STANDARD DUCT WRAP; OR EQUIVALENT.

12. ALTERNATE DUCTWORK MATERIAL SUPPLY AIR DUCTWORK SHALL BE CONSTRUCTED OF FIVE POUNDS DENSITY 1-1/2" THICK GLASSFIBER DESIGNED, CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH SMACNA'S LOW PRESSURE DUCT MANUAL. ALL DUCT JOINTS SHALL BE SEALED AND TAPED.

13. ALL EXHAUST DUCTWORK SHALL BE CONSTRUCTED OF FIBERGLASS, INSTALLED IN ACCORDANCE WITH SMACNA "HVAC DUCT CONSTRUCTION STANDARDS".

14. FLEXIBLE DUCTS SHALL BE UL LISTED CLASS I AIR DUCT. THERMAFLEX TYPE MAKE OR EQUAL. DUCTS SHALL BE INSTALLED IN ACCORDANCE WITH SMACNA "HVAC DUCT CONSTRUCTION STANDARDS METAL AND FLEXIBLE" FIRST EDITION.

15. DUCTWORK DIMENSIONS INDICATED, ARE INSIDE CLEAR AIR PASSAGE. ALL EQUIPMENT AND MATERIAL SHALL BE WARRANTIED FOR ONE YEAR AFTER DATE OF ACCEPTANCE BY THE OWNER.

16. AIR DISTRIBUTION DEVICES SHALL BE OF ALL ALUMINUM CONSTRUCTION WITH TYPE #25 FINISH. ALL DIFFUSERS, REGISTERS AND GRILLS SHALL HAVE OPPOSED BLADE DAMPERS IN THROAT OR NECK. MANUFACTURER SHALL BE PRICE OR PRE-APPROVED EQUAL.

17. THE INSIDE OF ALL VISIBLE DIFFUSERS SHALL BE PAINTED BLACK.

19. ALL FRESH AIR DUCTWORK SHALL BE CONSTRUCTED OF GALVANIZED SHEETMETAL, INSTALLED IN ACCORDANCE WITH SMACNA "HVAC DUCT CONSTRUCTION STANDARDS METAL AND FLEXIBLE, FIRST EDITION".

EXISTING MECHANICAL EQUIPMENT

RTU	MODEL/SN	MANUFACTURER	DESCRIPTION	CFM	RPM	HEAT PUMP	VOLTAGE	TERMINAL MARK	ROOM @ DUCT	EXISTING CFM @ DUCT	NEW CFM @ DUCT	SIZE OF TRUNK @ DUCT SPLICE	SIZE OF FLEX @ REG.	NOTES:
RTU-1	MN-SC130483CD SN: 1506013255	DAIKIN	EXISTING ROOFTOP UNIT (VIF)	8000	1020	7 1/2	208/60/3	1-01	CIRCULATION OFFICE	190-125 CFM	TBD	12"X10"	9" DIAM.	1
RTU-1	--	DAIKIN	--	--	--	--	--	1-02	CIRCULATION RECEIVABLES	125 CFM	TBD	8"X 8"	6" DIAM.	1,2
RTU-3	MN-1510111814 SN: DCG1592103BXXXXA	DAIKIN	--	6000	760	5	208/60/3	3-01	CLASSROOM	220-275 CFM	NO CHANGE VIF	44"X10"	TBD	3
RTU-3	--	DAIKIN	--	--	--	--	--	3-02	CLASSROOM	220-275 CFM	NO CHANGE VIF	--	TBD	3
RTU-3	--	DAIKIN	--	--	--	--	--	3-03	STUDY RM 01	220-275 CFM	TBD	--	--	4
RTU-3	--	DAIKIN	--	--	--	--	--	3-04	STUDY RM 02	220-275 CFM	TBD	--	--	4
RTU-3	--	DAIKIN	--	--	--	--	--	3-05	STUDY ROOMS HALL	220-275 CFM	NO CHANGE VIF	24"X12"	10" DIAM.	1,2
RTU-3	--	DAIKIN	--	--	--	--	--	3-06	STUDY ROOMS HALL	220-275 CFM	NO CHANGE VIF	24"X12"	10" DIAM.	1,2

NOTES:
 1. RELOCATION OF EXISTING REGISTER TO NEW LOCATION.
 2. CFM DATA GATHERED FIELD VERIFICATION AT DUCTS ON DATE: 6-14-2018, FINAL CFM AMOUNTS MAY VARY, ADJUST DAMPERS PER DESIRED AMOUNT.
 3. EXISTING DWG SET PROVIDES NO DATA AT THIS LOCATION. FIELD VERIFY WHERE REQUIRED.
 4. NEW DUCT, SPLICING INTO TRUNK.
 VERIFY CFM AND BALANCE AFTER COMPLETION.

BID SET
7-2018

TAMARA PEACOCK, R.A.
LICENSE No. 12126

PROJ. No. 1804
DESIGNER
CAPT. APPROVER

DRAWN BY: AUTHOR
REVISED BY: CHECKER

ISSUED FOR	REVISION DATE	REVISION

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Henderson Co. Public Library
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SHEET NAME:
MECHANICAL SCHEDULES AND NOTES

PROJ. No. 1804
DATE: 7/12/2018
11:55:05
SHEET AM
No. 1

AM002