

# Myrtle Beach Intermediate School

## for Records, Science Kits and Adult Education

North Oak Street  
Myrtle Beach, South Carolina  
TAX MAP No: 173-160-2005

Owner: Horry County School Board

Architect: D3G Architects

Survey: K & R Land Surveyors

Civil: DN Engineering

Structural: Wingate Consulting Engineering

Plumbing: D3G Architects

Mechanical: D3G Architects

Electrical: Haas & Kennedy Engineering

### Drawing List:

Architectural:	Structural:	Electrical:
A0.01 SURVEY	S1 UNIT "A" MASONRY LINTEL PLAN	E-1 ELECTRICAL INFO
A0.02 FIRE LANE & FIRE HYDRANT	S2 UNIT "B" MASONRY LINTEL PLAN	E-2 RECORDS UNIT "A" FLOOR PLAN
A0.03 LAND DISTURBED	S3 DETAILS	E-3 SCIENCE KITS UNIT "B" FLOOR PLAN
A1.01 SITE PLAN		E-4 ADULT EDUCATION UNIT "C2" FLOOR PLAN
A1.02 MISC. DETAILS		
A2.01 EXISTING FLOOR PLAN		
A2.02 MASTER FLOOR PLAN		
A2.03 RECORDS UNIT "A" FLOOR PLAN		
A2.04 SCIENCE KITS UNIT "B" FLOOR PLAN		
A2.05 ADULT EDUCATION UNIT "C1" FLOOR PLAN		
A2.06 ADULT EDUCATION UNIT "C2" FLOOR PLAN		
A8.01 DOOR SCHEDULE HOLLOW METAL FRAME TYPES DOOR DETAILS		
A10.01 ENLARGED TOILETS, TOILET DETAILS		

March 6, 2020

### CODE ANALYSIS

PROJECT MBIS for Records, Science Kits & Adult Education  
DATE March 2020  
SUBMITTAL: Schematic ( ) Design Development ( ) Construction Documents (X) Code Analysis ( )  
IBC EDITION 2015

CODE ITEM	CODE REFERENCE	AREA A Records	AREA B Science	AREA C Science	AREA D Adult	AREA E Adult	AREA F Adult
Occupancy Classification	Chapter 3	S-1	S-1	S-1	B	B	B
Construction Classification	Chapter 6	II-B	II-B	II-B	II-B	II-B	II-B
Sprinkler	No	No	No	No	No	No	No
Tabular Height Allowed	Table 504.3	55 FT	55 FT	55 FT	55 FT	55 FT	55 FT
Height Increase Allowed	Chapter 5	N/A	N/A	N/A	N/A	N/A	N/A
Height - Actual	Table 504.4	40'-0"	40'-0"	40'-0"	40'-0"	40'-0"	40'-0"
Stories	Table 504.4	2	2	2	3	3	3
Stories - Actual	Table 504.4	1	1	1	1	1	1
INCREASED AREA	Table 506.2	17,500 sf	17,500 sf	17,500 sf	23,000 sf	23,000 sf	23,000 sf
Allowable area per story	Table 506.2	17,500 sf	17,500 sf	17,500 sf	23,000 sf	23,000 sf	23,000 sf
Actual Area	Table 506.2	11,750 sf	11,220 sf	7,500 sf	19,445 sf	6,330 sf	20,500 sf

#### "B" FIRE-RESISTANCE RATING, BUILDING ELEMENTS:

Structural Frame	Table 601	0 HRS
Bearing Walls - Exterior	Table 601 & 602	10 FT <= X < 30 FT = 1 HRS 1X >= 30 FT = 0 HRS
Bearing Walls - Interior	Table 601	0 HRS
Non-Bearing Walls & Partitions- Exterior	Table 602	10 FT <= X < 30 FT = 1 HRS 1X >= 30 FT = 0 HRS
Non-Bearing Walls & Partitions- Interior	Table 601	0 HRS* * or as reqd elsewhere in Code
Floor Construction including supporting beams and joists	Table 601	0 HRS
Roof Construction including supporting beams and joists	Table 601	0 HRS
% Exterior Wall Openings Not Rated	Table 705.8	N/A

#### "B" FIRE-RESISTANCE RATING, SEPARATION WALLS:

Special Use	Sec 400's	n/a
Mixed Use & Occupancy	Sec 508.2.3	less than 10% of floor area
Occupancy Separation Walls	Table 508.4	"B" & "S1" No Separation
Incidental Use Areas	Table 509	n/a
Interior Partitions	Sec 601	0 hrs
Fire Walls	Table 706.4	2 hours, exception a
Fire Barriers	Table 707.3.10	2 hours
Fire Partition	Sec 708	n/a
Horizontal Exits	Sec 711	n/a
Sprinkler System	Sec 903.1	Not Required
Stories with One Exit	Table 1006.3.2	n/a
Travel Distance	Table 1012.2	200 feet
Corridors Rating	Table 1020.1	Occupant (30 greater) 1 hrs - No Sprinkler System
Corridors Width	Table 1020.2	44 inches
Egress Balconies	Sec 1021.2	n/a
Exit Stairs	Sec 1023	n/a
Mechanical Shaft Walls	Sec 1023	n/a
Elevator Shaft Walls	Sec 1023	n/a
Elevator Lobby	Sec 3006.2	n/a

#### "S1" FIRE-RESISTANCE RATING, BUILDING ELEMENTS:

Structural Frame	Table 601	0 HRS
Bearing Walls - Exterior	Table 601 & 602	10 FT <= X < 30 FT = 1 HRS 1X >= 30 FT = 0 HRS
Bearing Walls - Interior	Table 601	0 HRS
Non-Bearing Walls & Partitions- Exterior	Table 602	10 FT <= X < 30 FT = 1 HRS 1X >= 30 FT = 0 HRS
Non-Bearing Walls & Partitions- Interior	Table 601	0 HRS* * or as reqd elsewhere in Code
Floor Construction including supporting beams and joists	Table 601	0 HRS
Roof Construction including supporting beams and joists	Table 601	0 HRS
% Exterior Wall Openings Not Rated	Table 705.8	N/A

#### "S1" FIRE-RESISTANCE RATING, SEPARATION WALLS:

Special Use	Sec 400's	n/a
Mixed Use & Occupancy	Sec 508.2.3	less than 10% of floor area
Occupancy Separation Walls	Table 508.4	n/a
Incidental Use Areas	Table 509	n/a
Interior Partitions	Sec 601	0 hrs
Fire Walls	Table 706.4	3 hours
Fire Barriers	Table 707.3.10	3 hours
Fire Partition	Sec 708	n/a
Horizontal Exits	Sec 711	n/a
Sprinkler System	Sec 903.2.9	Not Required
Stories with One Exit	Table 1006.3.2	n/a
Travel Distance	Table 1012.2	200 feet
Corridors Rating	Table 1020.1	Occupant (30 greater) 1 hrs - No Sprinkler System
Corridors Width	Table 1020.2	44 inches
Egress Balconies	Sec 1021.2	n/a
Exit Stairs	Sec 1023	n/a
Mechanical Shaft Walls	Sec 1023	n/a
Elevator Shaft Walls	Sec 1023	n/a
Elevator Lobby	Sec 3006.2	n/a

### PLUMBING DATA

SCIENCE PACKAGES  
STORAGE 1 OCCUPANCY "S1"  
Area S & C  
39 STAFF OCCUPANT LOAD  
20 MEN  
20 WOMEN  
LAVATORIES:  
17 100 = 1 REGD, 6 PROVIDED  
WATER CLOSETS:  
17 100 = 1 REGD, 6 PROVIDED  
DRINKING FOUNTAINS:  
17 1000 = 1 REGD, 2 PROVIDED  
SERVICE SINKS:  
1 REGD, 1 PROVIDED

### PLUMBING DATA

RECORDS  
STORAGE 1 OCCUPANCY "S1"  
Area A  
24 STAFF OCCUPANT LOAD  
12 MEN  
12 WOMEN  
LAVATORIES:  
17 100 = 1 REGD, 6 PROVIDED  
WATER CLOSETS:  
17 100 = 1 REGD, 6 PROVIDED  
DRINKING FOUNTAINS:  
17 1000 = 1 REGD, 2 PROVIDED  
SERVICE SINKS:  
1 REGD, 1 PROVIDED

### PLUMBING DATA

ADULT EDUCATION  
BUSINESS OCCUPANCY "B"  
Area D, E, F  
1 480 STAFF OCCUPANT LOAD  
740 MEN  
740 WOMEN  
LAVATORIES:  
17 50 = 30 REGD, 33 PROVIDED  
WATER CLOSETS:  
17 50 = 30 REGD, 33 PROVIDED  
DRINKING FOUNTAINS:  
17 100 = 15 REGD, 10 PROVIDED  
SERVICE SINKS:  
1 REGD, 3 PROVIDED

### CONCLUSION & SUMMARY OF REQUIRED ALTERATIONS

Comply with 2015 IECS Level 1 and Level 2 requirements as follows:

- Area "A" - Records Storage
  - 11,750 sf
  - Upgrade the exterior wall between Area "A" and Area "B" to a 1-Hour rating.
  - Seal all openings with fire-rated caulking.
  - Upgrade Exit doors to 45 minute ratings.
  - Add 6 closer to the corridor doors from classrooms.
  - Revise gang toilets to single ADA toilet.
- Area "B" & "C" - Science Kits Storage
  - 16,140 sf
  - Upgrade exterior wall between Area "A" and Area "B" to a 1-Hour rating.
  - Seal all openings with fire-rated caulking.
  - Upgrade Exit doors to 45 minute ratings.
  - Remove existing windows and infill with matching masonry.
  - Provide a new Code-compliant exterior exit from Area "C".
  - Add 2 closer to the corridor doors from classrooms.
  - Revise gang toilets to single ADA toilet.
- Area "D", "E" & "F" - Adult Education
  - 19,445 sf or 25,775 sf or 46,275 sf
  - Add 38 closer to the corridor doors from classrooms.
  - Revise gang toilet for a ADA toilet stall.
  - Install a 20' wide asphalt fire lane.
  - Revise the two (2) single classroom toilets to storage rooms.
  - Revise existing exterior ramp at location of fire lane.

- 801.3 All new construction elements, components, systems, and spaces shall comply with the requirements of the *International Building Code (IBC)*.
- 801.4 MAINTAIN CODE COMPLIANT MEANS OF EGRESS.
- 801.5 MAINTAIN CODE COMPLIANT MEANS OF EGRESS.
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- 802.00 MAINTAIN CODE COMPLIANT MEANS OF EGRESS.

**2015 IBC**  
A. AUTOMATIC SPRINKLER SYSTEMS:  
(903.4) SPRINKLER SYSTEM MONITORING AND ALARMS NOT REQUIRED  
B. DOORS, GATES AND TURNSTILES 1010:  
PANIC HARDWARE REQUIRED ON EGRESS DOORS (1009.1.9)  
C. DEAD END CORRIDORS:  
MAX. LENGTH 20 FT (SEC 1020.4)  
THERE ARE NO DEAD-END CORRIDORS IN THIS BUILDING.

**2015 IEBC**  
THE INTERNATIONAL EXISTING BUILDING CODE  
NOTE: THIS CODE ANALYSIS ASSUMES A WORK AREA OF LESS THAN 50% IN EACH AREA.  
TABLE 301.1.4.1  
RISK CATEGORIES  
CURRENT USE: CATEGORY III  
PROPOSED USE: CATEGORY II

Chapter 5  
PROPOSED ALTERATIONS ARE LEVEL 1 AND LEVEL 2:  
COMPLY WITH CHAPTERS 7 AND 8 OF THE 2015 IEBC

Section 503 Alteration - Level 1  
Removal and replacement of existing materials, elements, equipment, or fixtures using new materials, elements, equipment or fixtures that serve the same purpose.

Section 504 Alteration - Level 2  
Reconfiguration of space, the addition or elimination of any door or window, the reconfiguration or extension of any system, or the installation of any additional equipment.

Section 505 Alteration - Level 3 (NOT APPLICABLE):  
Alterations apply where the work area exceeds 50 percent of the building area.

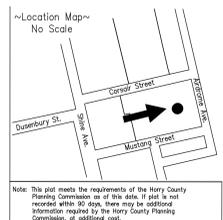
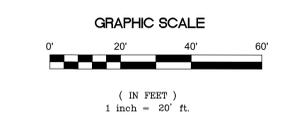
**2015 IEBC**  
THE INTERNATIONAL EXISTING BUILDING CODE  
NOTE: THIS CODE ANALYSIS ASSUMES A WORK AREA OF LESS THAN 50% IN EACH AREA.

#### CHAPTER 7: LEVEL 1 ALTERATIONS

- 702.1 NEW INTERIOR FINISHES COMPLY WITH IBC FLAMESPREAD REQUIREMENTS.
- 702.6 NEW WORK TO COMPLY WITH IBC & ELECTRICAL, MECHANICAL, ENERGY & PLUMBING CODES.
- 703.1 MAINTAIN REQUIRED LEVEL OF FIRE PROTECTION.
- 704.1 MAINTAIN CODE COMPLIANT MEANS OF EGRESS.
- 705.1 COMPLY WITH ACCESSIBILITY REQUIREMENTS SPECIFIC TO THE IBC.
- 707.2 STRUCTURAL LOADS FOR NEW ROOFTOP EQUIPMENT TO CONFORM TO IBC, UNLESS LESS THAN 5%.
- 708.1 ENERGY CONSERVATION  
LEVEL 1 ALTERATIONS TO EXISTING BUILDINGS OR STRUCTURES ARE PERMITTED WITHOUT REQUIRING THE ENTIRE BUILDING OR STRUCTURE TO COMPLY WITH THE ENERGY REQUIREMENTS OF THE INTERNATIONAL ENERGY CONSERVATION CODE. THE ALTERATIONS SHALL CONFORM TO THE ENERGY REQUIREMENTS OF THE INTERNATIONAL ENERGY CONSERVATION CODE AS THEY RELATE TO NEW CONSTRUCTION ONLY.

#### CHAPTER 8: LEVEL 2 ALTERATIONS

- 801.3 All new construction elements, components, systems, and spaces shall comply with the requirements of the *International Building Code (IBC)*.
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for ~Plat~  
 of a Survey of Lot 2, Block 9 "Market Commons Section"  
 Located in Myrtle Beach, Horry County, S. C. surveyed

### City of Myrtle Beach (Police Precinct)

- Notes:
- The 100-Year Flood Boundary was obtained directly from FEMA Flood Map 4505100 596 H, (effective date August 23, 1999). This property is located in Flood Zone X-Out. Flood Zone locations are noted from current FEMA Maps. Scales vary from "1"=500' to "1"=2000' and are noted as being approximate on said maps. Kenneth D. Jordan, PLS does not certify to or assume responsibility of the accuracy of the flood zone lines. Flood lines are subject to verification by the County FEMA Officer.
  - This plat was prepared without the benefit of a title report. Property is subject to all restrictions noted in recorded deeds and/or established by recorded plans.
  - There has been no determination of wetlands or hazardous waste on this property.
  - PUPS ticket 1905100943 & 1905100947

- References:
- Plot by Survey Technology, Inc dated Feb. 23, 1998 Entitled, "Asbuilt Survey Lot 2, Block 9" Prepared for the City of Myrtle Beach, PB 155-4

**K & R LAND SURVEYORS, INC.**  
 Surveyors • Land Planners  
 312 Laurel Street • Conway, S.C. 29526  
 (843) 458-1804 Fax: (843) 248-9284

**Kenneth D. Jordan, P.L.S. No. 21936**  
 Date May 31, 2019  
 Revised: 30x45 Border

**2019 K & R Land Surveyors, Inc. Kenneth D. Jordan, Agent.**  
 No warranty is made to others utilizing this plat for the purpose of further conveyance, see descriptions, title certifications, etc.

Legend	
	Myrtle Tree
	Oak
	Power Pole
	Monitoring Well
	Lamp Post
	Catch Basin
	Water Valve
	Property Corner
	Sewer Manhole
	Traffic Arrow
	Clean Out
	Overhead Power
	Handicapp Parking

Fire Hydrant

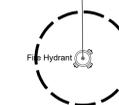
Fire Hydrant

Fire Hydrant

Horry County Board of Education  
 Pin:424-00-00-0022  
 TMS:173-16-02-005

LINE BEARINGS DISTANCE  
 LT N 79°15'46" E 123.56'

North Oak Street

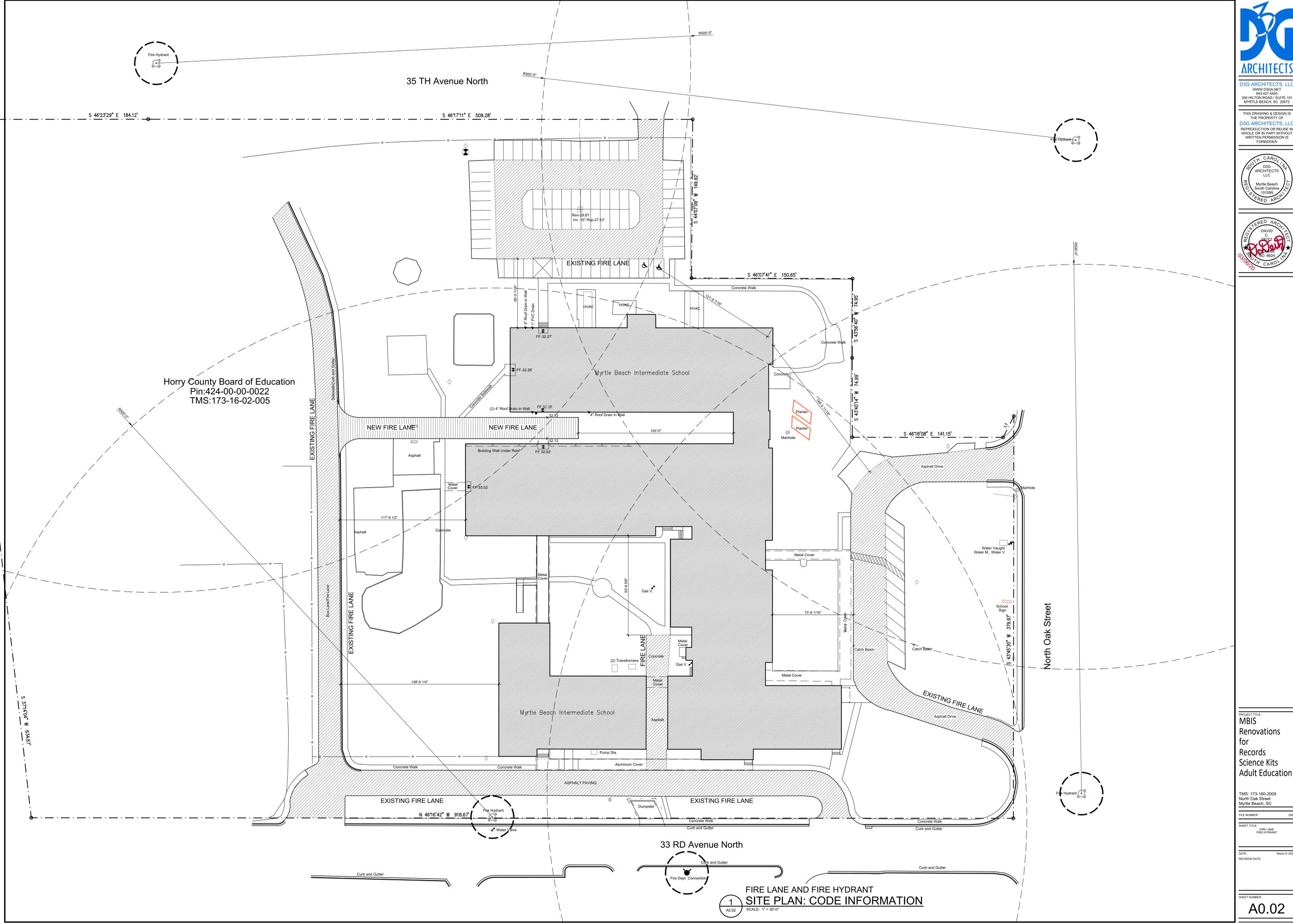


35 TH Avenue North

Horry County Board of Education  
 Pin:424-00-00-0022  
 TMS:173-16-02-005

North Oak Street

33 RD Avenue North



**1**  
 FIRE LANE AND FIRE HYDRANT  
 SITE PLAN: CODE INFORMATION  
 SCALE: 1" = 30'-0"

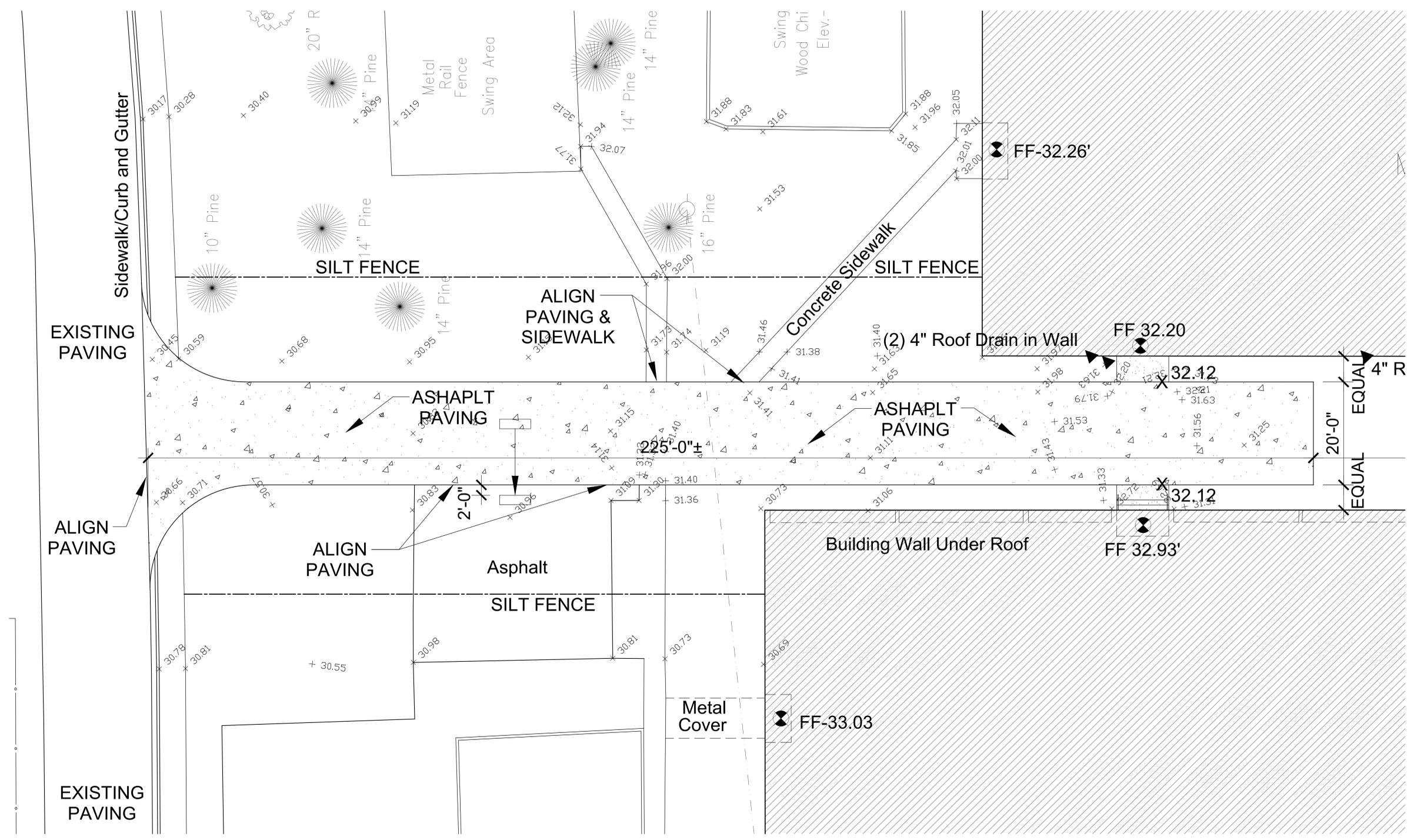
PROJECT TITLE  
**MBIS  
 Renovations for  
 Records  
 Science Kits  
 Adult Education**

TMS: 173-160-2005  
 North Oak Street  
 Myrtle Beach, SC

FILE NUMBER: 2002  
 SHEET TITLE: FIRE LANE  
 FIRE HYDRANT

DATE: March 6, 2020  
 REVISION DATE:

SHEET NUMBER  
**A0.02**



NOTE:  
 563,519sf of TOTAL PROPERTY  
 5,420sf of DISTURBED LAND  
 3,476sf of IMPERVIOUS PAVING

LAND DISTURBED  
 1 ENLARGED SITE PLAN  
 SCALE: 1/8" = 1'-0"

PROJECT TITLE  
 MBIS  
 Renovations  
 for  
 Records  
 Science Kits  
 Adult Education

TMS: 173-160-2005  
 North Oak Street  
 Myrtle Beach, SC

FILE NUMBER: 2002  
 SHEET TITLE: LAND DISTURBED

DATE: March 6, 2020  
 REVISION DATE:

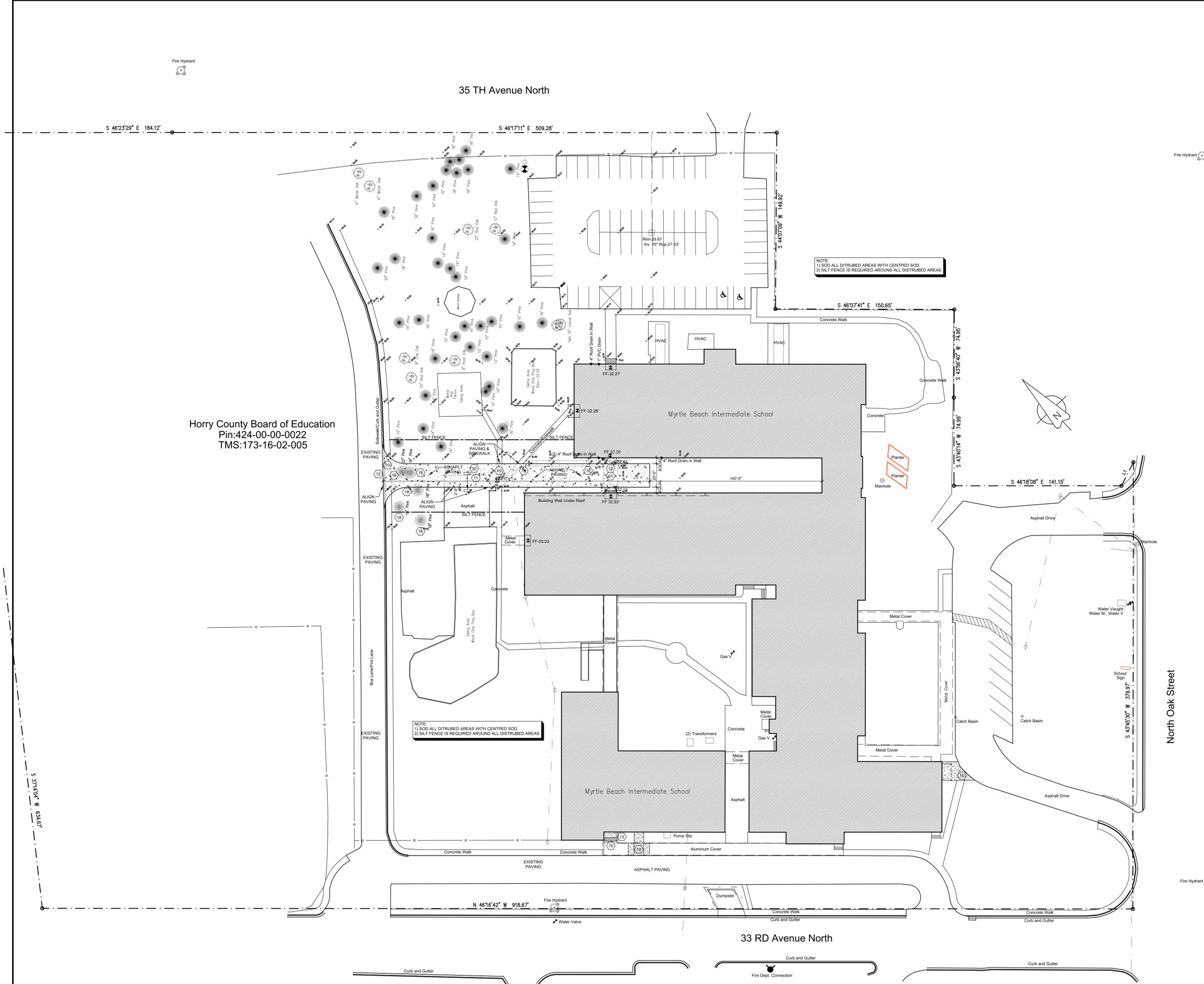
SHEET NUMBER  
 A0.03

**GENERAL DEMOLITION NOTES:**

- A. ALL SURFACES DISTURBED BY DEMOLITION AND / OR CONSTRUCTION ACTIVITIES ARE TO BE RESTORED TO MATCH SURROUNDING SURFACES, AS FOLLOWS:
1. FLOOR FINISHES: RESTORED TO MATCH THE EXISTING SURROUNDING FLOORING FINISH AND BASE FINISH.
  2. WALL FINISHES: FINISH AND PAINT WALLS FROM CORNER TO CORNER AND BASE TO CEILING.
  3. CEILING FINISHES: RESTORED TO MATCH THE EXISTING SURROUNDING CEILING FINISH.
- B. ALL OPENINGS CREATED BY DEMOLITION AND / OR CONSTRUCTION ACTIVITIES (I.E. FOR WALLS, DOORS, WINDOWS, OPENINGS, DUCTS, ELECTRIC PANELS, CONDUIT, PLUMBING FIXTURES, ETC.) ARE TO BE PATCHED WITH MATERIALS THAT MATCH SURROUNDING SURFACES, AS FOLLOWS:
1. CMU WALLS ARE TO BE CLOSED WITH MATCHING THICKNESS, COURSING AND MASONRY UNITS AND TOOTHED INTO ADJACENT WALLS. MAINTAIN OR RESTORE FIRE RATINGS AT ALL LOCATIONS.
  2. STEEL STUD WALLS ARE TO BE CLOSED WITH MATCHING STUD THICKNESS AND GAUGE AND MATCHING THICKNESS OF GYPSUM BOARD. MAINTAIN OR RESTORE FIRE RATINGS AT ALL LOCATIONS.
  3. WOOD STUD WALLS ARE TO BE CLOSED WITH MATCHING STUD THICKNESS AND MATCHING THICKNESS OF GYPSUM BOARD. MAINTAIN OR RESTORE FIRE RATINGS AT ALL LOCATIONS.
  4. FLOOR OPENINGS 2" OR LARGER ARE TO BE FILL IN WITH CONCRETE. MAINTAIN OR RESTORE FIRE RATINGS AT ALL LOCATIONS.
  5. FLOOR OPENINGS SMALLER THAN 2" ARE TO BE FILLED WITH "S10" CONCRETE EPOXY FILLER.

**DEMOLITION & RENOVATION KEYED NOTES:**

1. REMOVE EXISTING MASONRY WALL TO 8'-0" AFF AND INSTALL A STRUCTURAL LINTEL PER THE STRUCTURAL DRAWINGS. TOOTH IN THE MASONRY PER THE DETAIL '3A1.03'. REMOVE THE CMU WALL 8" BELOW THE SLAB AND PATCH THE SLAB PER THE DETAIL 'G1A1.02'. PATCH ADJACENT WALLS PER GENERAL DEMOLITION NOTE 'B'.
2. REMOVE EXISTING MASONRY WALL. TOOTH IN THE MASONRY PER THE DETAIL. REMOVE THE CMU WALL 8" BELOW THE SLAB AND PATCH THE SLAB PER THE DETAIL 'G1A1.02'. PATCH ADJACENT WALLS PER GENERAL DEMOLITION NOTE 'B'.
3. REMOVE EXISTING MASONRY WALL TO INSTALL A HOLLOW METAL FRAME, DOOR & STRUCTURAL LINTEL. TOOTH IN THE MASONRY PER THE DETAIL '3A1.03'. PATCH ADJACENT WALLS PER GENERAL DEMOLITION NOTE 'B'.
4. REMOVE EXISTING WINDOW AND WINDOW SILL. CLOSE OPENING WITH MATCHING MATERIALS AND TOOTH IN THE MASONRY PER THE SHEET '3B'. PATCH ADJACENT WALLS PER GENERAL DEMOLITION NOTE 'B'.
5. REMOVE EXISTING DOOR, HOLLOW METAL FRAME AND HARDWARE.
6. REMOVE EXISTING DOOR AND HARDWARE.
7. REMOVE EXISTING DOOR, HOLLOW METAL FRAME AND HARDWARE AND REPLACE PER THE DOOR SCHEDULE.
8. REMOVE EXISTING STEEL STUDS, INSULATION AND GYPSUM BOARD WALL. COORDINATE WITH STRUCTURAL DRAWINGS. PATCH ADJACENT WALLS AND FLOOR PER GENERAL DEMOLITION NOTE 'B'.
9. REMOVE EXISTING STEEL STUDS, INSULATION AND GYPSUM BOARD WALL AS REQUIRED FOR INSTALLATION OF DOOR, FRAME, HARDWARE AND LINTEL. PATCH ADJACENT WALLS AND FLOOR PER GENERAL DEMOLITION NOTE 'B'.
10. REMOVE EXISTING CONCRETE SIDEWALK. SAW CUT FOR CLEAN EDGE.
11. REMOVE ASPHALT PAVING AND GRAVEL BASE. SAW CUT FOR CLEAN EDGE.
12. REMOVE CONCRETE CURB AND GUTTER. SAW CUT FOR CLEAN EDGE.
13. REMOVE EXTERIOR CONCRETE RAMP OR STAIRS AND RAILINGS. PATCH ADJACENT WALLS PER GENERAL DEMOLITION NOTE 'B'. FILL ANY VOIDS WITH TOP SOIL AND SEED.
14. REMOVE 1" TALL ALUMINUM ROOF COVERING, STRUCTURAL LIGHTS, WIRING, ETC. FROM BRICK WING WALL EDGE TO BRICK WING WALL EDGE. COVER EXPOSED EDGE WITH MATCHING MATERIALS. ARCHITECT IS TO BE ON SITE TO REVIEW THE EXPOSED EDGE BEFORE IT IS COVERED. PATCH ADJACENT WALLS PER GENERAL DEMOLITION NOTE 'B'.
15. REMOVE EXISTING INTERIOR 28'-0" LF OF CONCRETE RAMP AND SLAB.
16. REMOVE FENCE. FILL IN VOID WITH TOP SOIL AND SEED.
17. REMOVE SIGN AND POST. FILL IN VOID WITH TOP SOIL AND SEED.
18. REMOVE TREE AND SCRUBS AND ITS ROOT SYSTEM. FILL IN VOID WITH TOP SOIL AND SEED.
19. INSTALL A "RUSKIN" IB02 CURTAIN TYPE STATIC FIRE DAMPERS IN THE SUPPLY AND RETURN AT THE CMU WALL. 1 1/2" HOUR UL555 RATED. ENCLUDE ALL OPTIONS NEED FOR THE 1 HOUR RATING.
20. INSTALL A "RUSKIN" IB023 CURTAIN TYPE STATIC FIRE DAMPERS IN THE SUPPLY AND RETURN AT THE CMU WALL. 3" HOUR UL555 RATED. ENCLUDE ALL OPTIONS NEED FOR THE 3 HOUR RATING.
21. ---
22. REMOVE EXISTING PLUMBING FIXTURES. CAP ALL WATER, SEWER AND ELECTRICAL LINES FLUSH WITH THE WALL OR FLOOR OR ABOVE THE CEILING. PATCH WALLS PER GENERAL DEMOLITION NOTE 'B'.
23. REMOVE EXISTING WATER CLOSET FIXTURE. FINISH FLOORING, SEWER LINE, TOILET CONNECTION AND CONCRETE TO INSTALL A WATER CLOSET AT THE LOCATION SHOWN ON SHEET A10.01. CONNECT WATER CLOSET TO THE TOILET CONNECTION AND WATER LINE AND PATCH CONCRETE PER DEMOLITION NOTE 'B'. INSTALL THE FLOOR FINISH PER DEMOLITION PLAN 'A'.
24. REMOVE TOILET PARTITION. PATCH ADJACENT WALLS PER GENERAL DEMOLITION NOTE 'B' AND PATCH FLOOR SLAB PER DETAIL 'G1A1.02'.
25. REMOVE KITCHEN EQUIPMENT. CAP ALL GAS, WATER, SEWER AND ELECTRICAL LINES FLUSH WITH THE WALL OR FLOOR OR ABOVE THE CEILING. PATCH ADJACENT WALLS PER GENERAL DEMOLITION NOTE 'B' AND PATCH FLOOR SLAB PER DETAIL 'G1A1.02'.
26. REMOVE THE EXISTING PLATFORM, WALLS, CEILING, STAIRS, RAMP, ELECTRICAL FIXTURES, SOUND SYSTEM PANEL, SPEAKERS AND ELECTRICAL LINES. PATCH ADJACENT WALLS PER GENERAL DEMOLITION NOTE 'B' AND PATCH FLOOR SLAB PER DETAIL 'G1A1.02'.
27. 1 HOUR RATING. FIRE CAULK ALL OPENINGS IN THIS WALL ON EXTERIOR AND INTERIOR. SEE FIRE RATING DETAILS.
28. FIRE RATED CAULK ALL OPENINGS IN THIS CORRIDOR ON THE WALLS AND CEILING. SEE FIRE RATING DETAILS.
29. REMOVE EXISTING METAL OR WOOD PANELS FROM THE STOREFRONT AND CAULK THE STOREFRONT TO THE MASONRY. CAULK THE GLASS TO THE STOREFRONT AND PATCH THE SCREW HOLES IN THE STOREFRONT. SEE ALLOWANCE FOR REPLACING EXISTING BROKEN GLASS IN STOREFRONT.
30. REMOVE MARKER BOARD AND TACK BOARD IN THIS ROOM. PATCH ADJACENT WALLS PER GENERAL DEMOLITION NOTE 'B'.
31. REMOVE PVC DRAINAGE LINE. FILL IN VOID WITH TOP SOIL AND SEED.
32. RELOCATED BENCH AS SHOWN ON SITE PLAN. FILL IN VOID WITH TOP SOIL AND SEED.
33. REMOVE TOILET GRAB BARS AND TOILET DISPENSERS AT THIS TOILET.
34. INSTALL A 8" CMU WALL IN THE MASONRY OPENING. TOOTH IN THE MASONRY SIMILAR TO THE DETAIL '3A1.03'.
35. REMOVE HOLLOW METAL FRAME, PANELS AND GLASS TO 7'-0" AFF. INSTALL HOLLOW METAL PANEL TO FINISH OFF ALL EXPOSED HOLLOW METAL FRAME OPENINGS. PATCH ADJACENT WALLS PER GENERAL DEMOLITION NOTE 'B' AND PATCH FLOOR SLAB PER DETAIL 'G1A1.02'.
36. REMOVE CASEWORK (CUBICLES). PATCH ADJACENT WALLS PER GENERAL DEMOLITION NOTE 'B'.



Horry County Board of Education  
Pin:424-00-00-0022  
TMS:173-16-02-005

**1 SITE PLAN**  
SCALE: 1" = 30'-0"

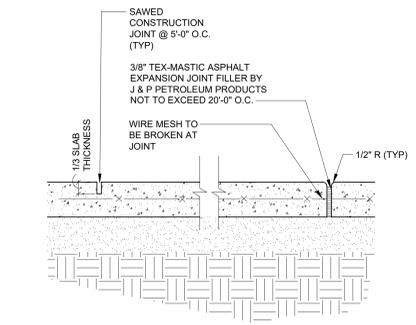
PROJECT TITLE  
**MBIS  
Renovations  
for  
Records  
Science Kits  
Adult Education**

TMS: 173-160-2005  
North Oak Street  
Myrtle Beach, SC

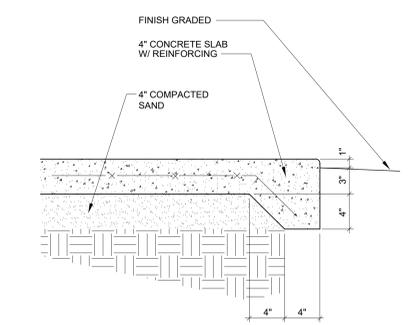
FILE NUMBER: 2002  
SHEET NUMBER: 10  
SHEET TITLE: SITE PLAN

DATE: March 6, 2020  
REVISION DATE:

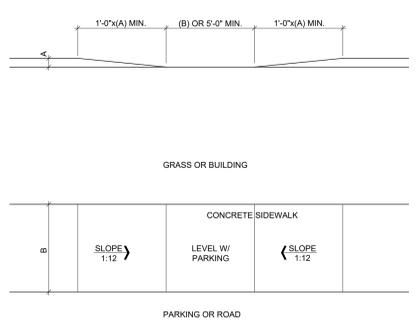
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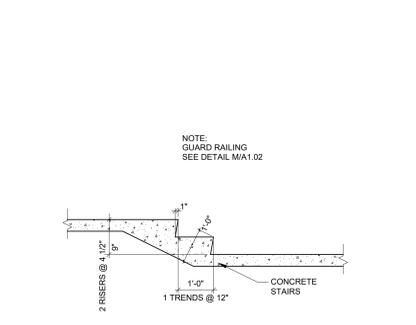
**A CONTROL & EXPANSION JOINTS CONCRETE DETAIL**  
 SCALE: 1/2" = 1'-0"



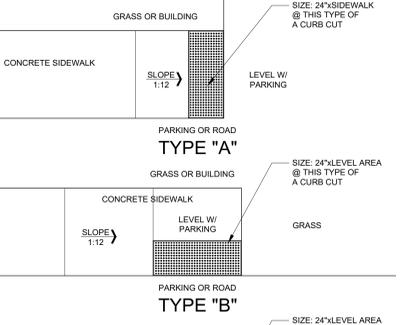
**B SIDEWALK EDGE**  
 SCALE: 1/2" = 1'-0"



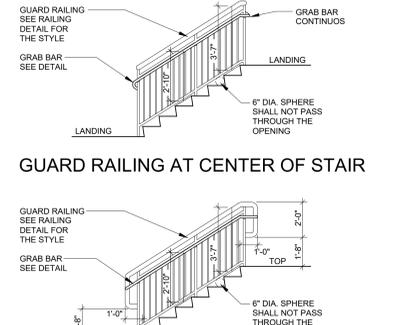
**C HC CURB CUT RAMP**  
 SCALE: 1/4" = 1'-0"



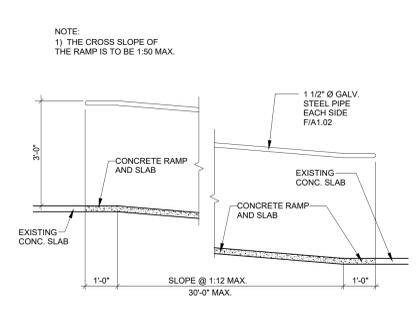
**D STAIR DETAIL**  
 SCALE: 1/2" = 1'-0"



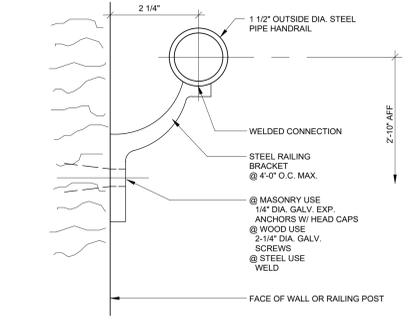
**E RAMP DETAIL**  
 SCALE: 1/2" = 1'-0"



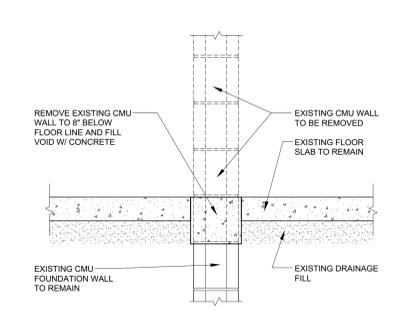
**F STEEL GRAB BAR**  
 SCALE: 6" = 1'-0"



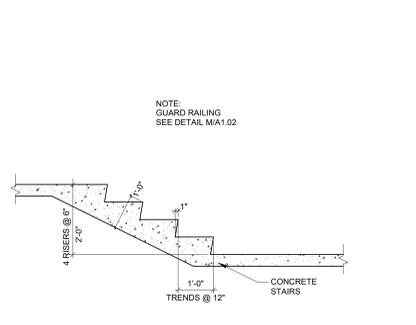
**G TYPICAL PATCH @ SLAB**  
 SCALE: 1" = 1'-0"



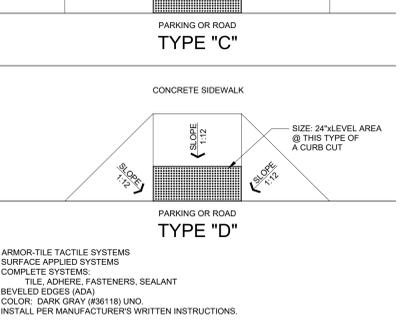
**H STAIR DETAIL**  
 SCALE: 1/2" = 1'-0"



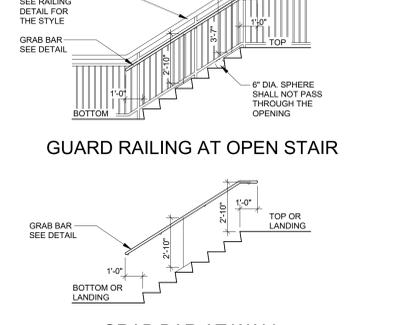
**I DEMOLITION OF CMU WALL**  
 SCALE: 1" = 1'-0"



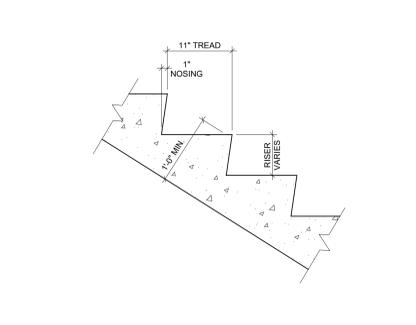
**J SURFACE APPLIED DETECTABLE SYSTEMS**  
 SCALE: 1/4" = 1'-0"



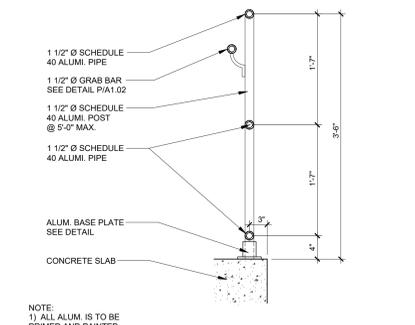
**K STAIR RAILINGS TYPICAL**  
 SCALE: 1/4" = 1'-0"



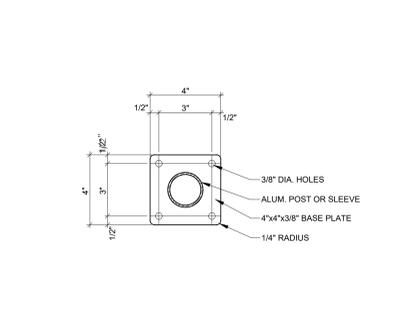
**L STAIR NOSING DETAIL**  
 SCALE: 1" = 1'-0"



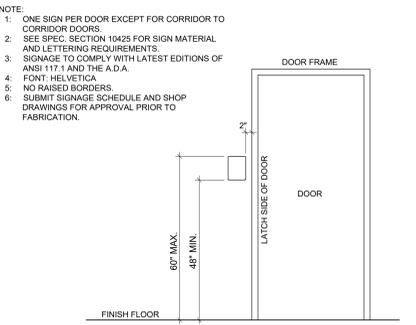
**M ALUMINUM GUARDRAIL**  
 SCALE: 1" = 1'-0"



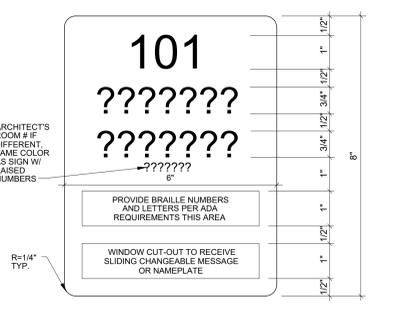
**N ALUMINUM GRAB BAR**  
 SCALE: 6" = 1'-0"



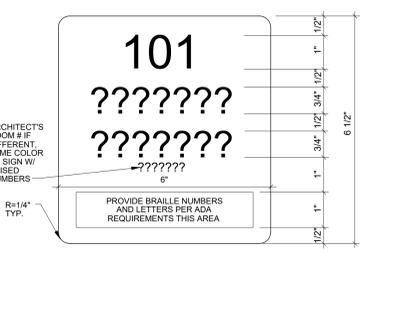
**O PAVING DETAIL**  
 SCALE: 1" = 1'-0"



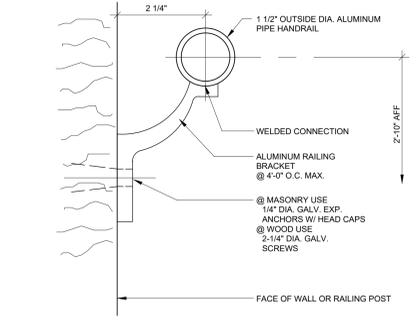
**P ALUMINUM GRAB BAR**  
 SCALE: 6" = 1'-0"



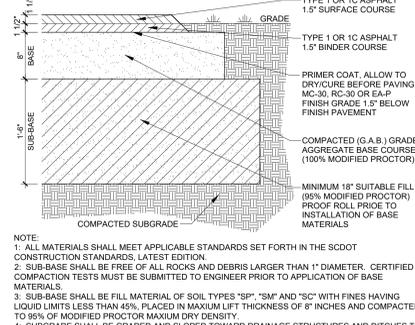
**Q TYPICAL DOOR SIGN**  
 SCALE: 1/2" = 1'-0"



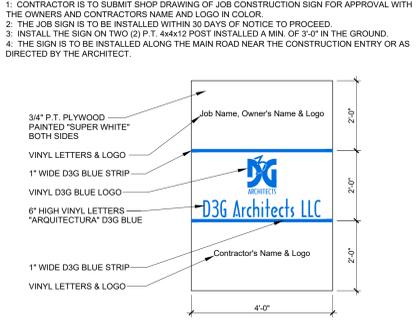
**R JOB CONSTRUCTION SIGN**  
 SCALE: 1/2" = 1'-0"



**S STAIR RAILINGS TYPICAL**  
 SCALE: 1/4" = 1'-0"



**T GRAB BAR AT WALL**  
 SCALE: 1/4" = 1'-0"



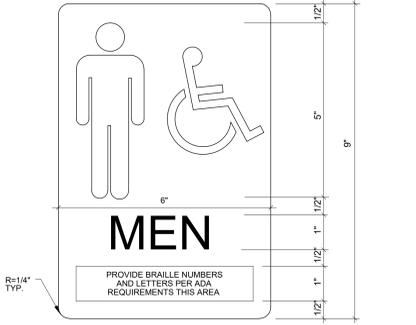
**U SIGN "A"**  
 SCALE: 1/4" = 1'-0"



**V SIGN "B"**  
 SCALE: 1/4" = 1'-0"



**W SIGN "C"**  
 SCALE: 1/4" = 1'-0"



**X SIGN "D"**  
 SCALE: 1/4" = 1'-0"



**Y WOMEN SIGN**  
 SCALE: 1/4" = 1'-0"



**Z MEN SIGN**  
 SCALE: 1/4" = 1'-0"



**AA MBIS Renovations for Records Science Kits Adult Education**  
 SCALE: 1/4" = 1'-0"



**AB PROJECT TITLE**  
 SCALE: 1/4" = 1'-0"



**AC TMS: 173-160-2005**  
 SCALE: 1/4" = 1'-0"



**AD FILE NUMBER**  
 SCALE: 1/4" = 1'-0"

Area "E"  
6,330 sf

Area "A"  
11,750 sf

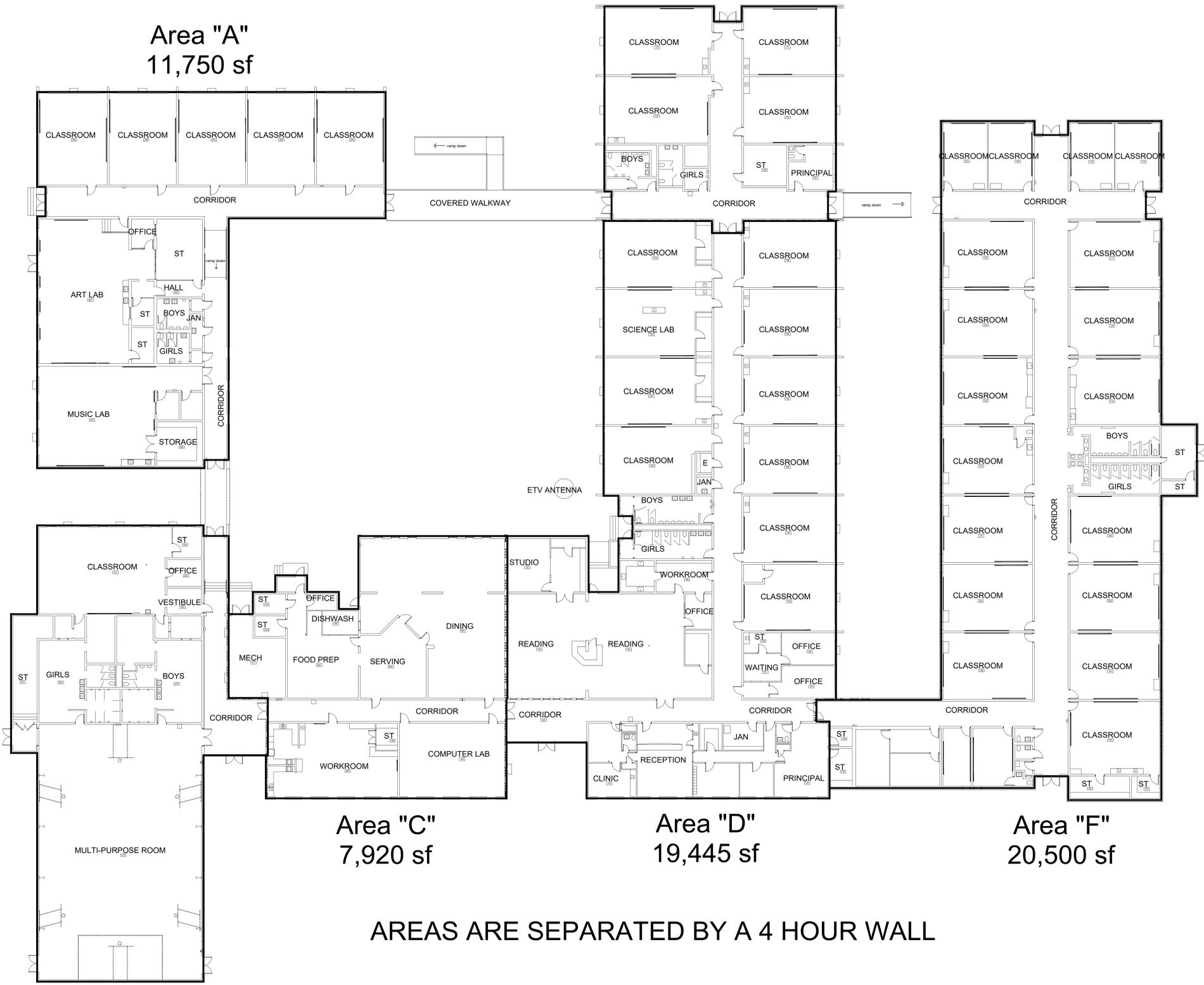
Area "B"  
11,220 sf

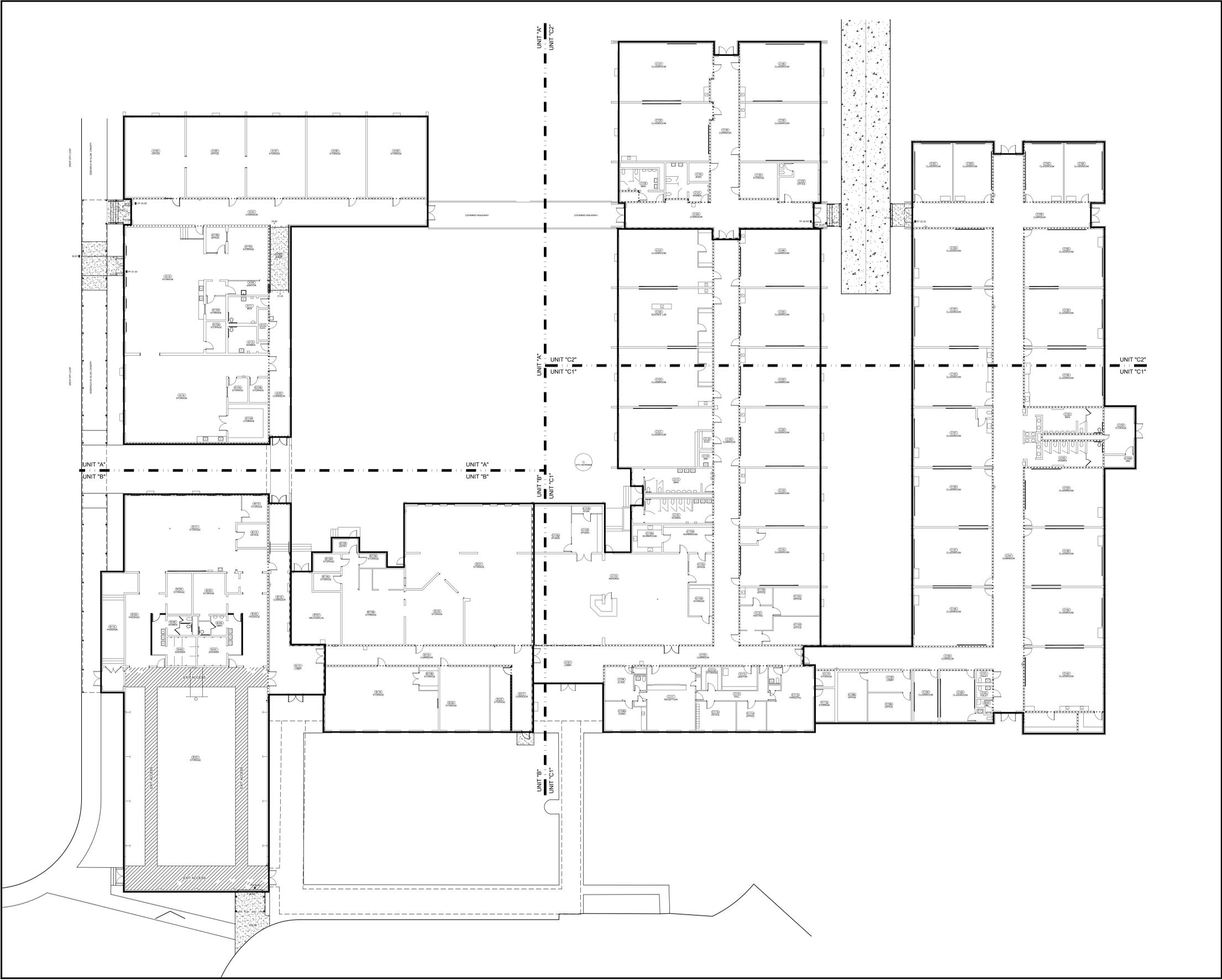
Area "C"  
7,920 sf

Area "D"  
19,445 sf

Area "F"  
20,500 sf

AREAS ARE SEPARATED BY A 4 HOUR WALL





**1 MASTER FLOOR PLAN**  
 SCALE: 1/16" = 1'-0"

PROJECT TITLE  
**MBIS  
 Renovations  
 for  
 Records  
 Science Kits  
 Adult Education**

TMS: 173-160-2005  
 North Oak Street  
 Myrtle Beach, SC

FILE NUMBER: 2002  
 SHEET TITLE: MASTER FLOOR PLAN

DATE: March 6, 2020  
 REVISION DATE:

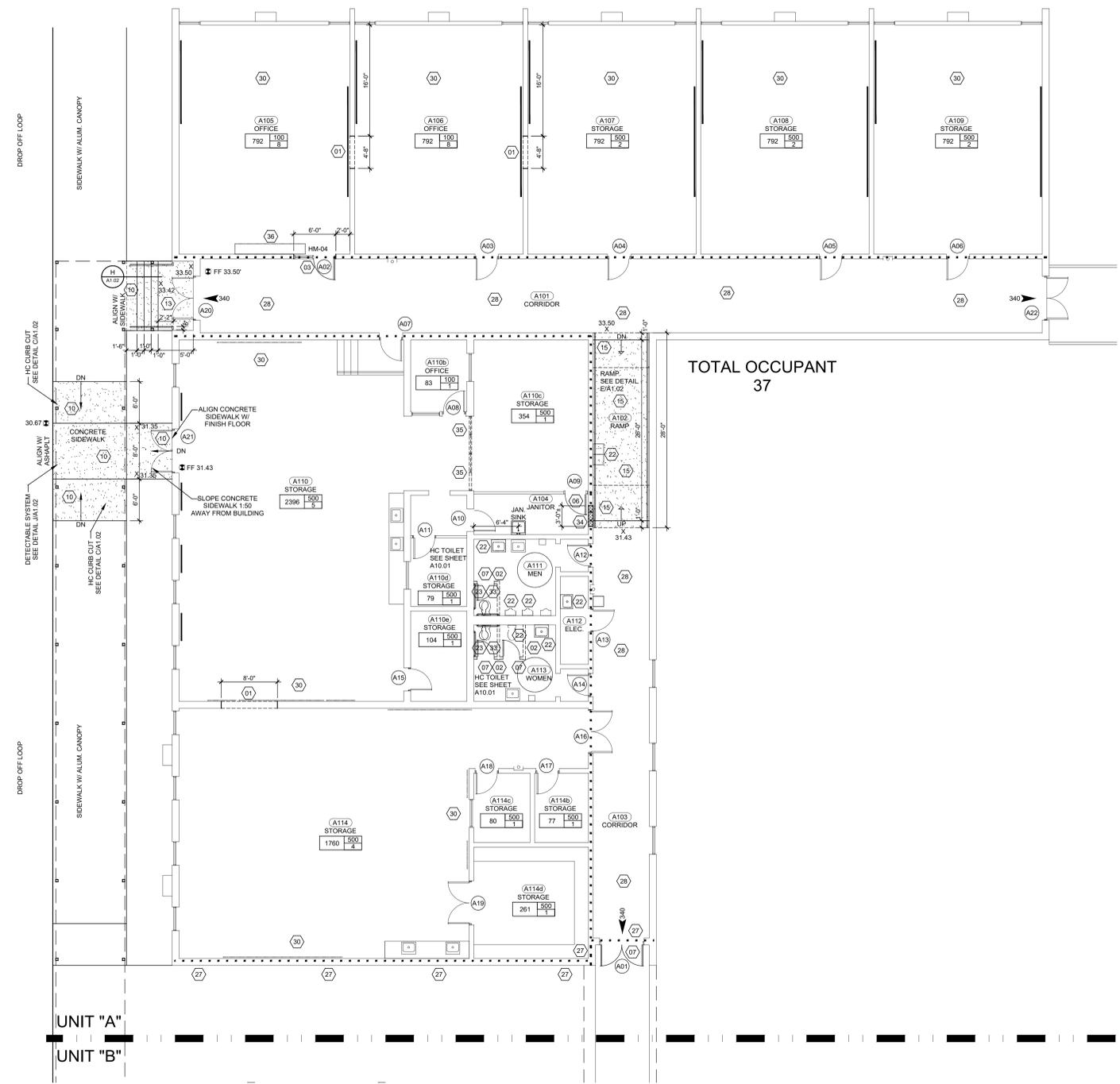
SHEET NUMBER:  
**A2.02**

**GENERAL DEMOLITION NOTES:**

- A. ALL SURFACES DISTURBED BY DEMOLITION AND / OR CONSTRUCTION ACTIVITIES ARE TO BE RESTORED TO MATCH SURROUNDING SURFACES, AS FOLLOWS:
  1. FLOOR FINISHES: RESTORED TO MATCH THE EXISTING SURROUNDING FLOORING FINISH AND BASE FINISH.
  2. WALL FINISHES: FINISH AND PAINT WALLS FROM CORNER TO CORNER AND BASE TO CEILING.
  3. CEILING FINISHES: RESTORED TO MATCH THE EXISTING SURROUNDING CEILING FINISH.
- B. ALL OPENINGS CREATED BY DEMOLITION AND / OR CONSTRUCTION ACTIVITIES (I.E. FOR WALLS, DOORS, WINDOWS, OPENINGS, DUCTS, ELECTRIC PANELS, CONDUIT, PLUMBING FIXTURES, ETC.) ARE TO BE PATCHED WITH MATERIALS THAT MATCH SURROUNDING SURFACES, AS FOLLOWS:
  1. CMU WALLS ARE TO BE CLOSED WITH MATCHING THICKNESS, COURSING AND MASONRY UNITS AND TOOTHED INTO ADJACENT WALLS. MAINTAIN OR RESTORE FIRE RATINGS AT ALL LOCATIONS.
  2. STEEL STUD WALLS ARE TO BE CLOSED WITH MATCHING STUD THICKNESS AND GAUGE AND MATCHING THICKNESS OF GYPSUM BOARD. MAINTAIN OR RESTORE FIRE RATINGS AT ALL LOCATIONS.
  3. WOOD STUD WALLS ARE TO BE CLOSED WITH MATCHING STUD THICKNESS AND MATCHING THICKNESS OF GYPSUM BOARD. MAINTAIN OR RESTORE FIRE RATINGS AT ALL LOCATIONS.
  4. FLOOR OPENINGS 20"x20" OR LARGER ARE TO BE FILL IN WITH CONCRETE. MAINTAIN OR RESTORE FIRE RATINGS AT ALL LOCATIONS.
  5. FLOOR OPENINGS SMALLER THAN 2'0"x6'0" ARE TO BE FILL WITH "S10" CONCRETE EPOXY FILLER.

**DEMOLITION & RENOVATION KEYED NOTES:** (4) KEY NOTES TYPICAL

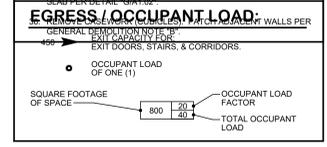
1. REMOVE EXISTING MASONRY WALL TO 8'-0" AFF AND INSTALL A STRUCTURAL LINTEL PER THE STRUCTURAL DRAWINGS. TOOTH IN THE MASONRY PER THE DETAIL 3/A1.03. REMOVE THE CMU WALL 8" BELOW THE SLAB AND PATCH THE SLAB PER THE DETAIL 3/A1.03. PATCH ADJACENT WALLS PER GENERAL DEMOLITION NOTE "B".
2. REMOVE EXISTING MASONRY WALL. TOOTH IN THE MASONRY PER THE DETAIL. REMOVE THE CMU WALL 8" BELOW THE SLAB AND PATCH THE SLAB PER THE DETAIL 3/A1.02. PATCH ADJACENT WALLS PER GENERAL DEMOLITION NOTE "B".
3. REMOVE EXISTING MASONRY WALL TO INSTALL A HOLLOW METAL FRAME, DOOR & STRUCTURAL LINTEL. TOOTH IN THE MASONRY PER THE DETAIL "S3". PATCH ADJACENT WALLS PER GENERAL DEMOLITION NOTE "B".
4. REMOVE EXISTING WINDOW AND WINDOW SILL. CLOSE OPENING WITH MATCHING MATERIALS AND TOOTH IN THE MASONRY PER THE SHEET "S3". PATCH ADJACENT WALLS PER GENERAL DEMOLITION NOTE "B".
5. REMOVE EXISTING DOOR, HOLLOW METAL FRAME AND HARDWARE.
6. REMOVE EXISTING DOOR AND HARDWARE.
7. REMOVE EXISTING DOOR, HOLLOW METAL FRAME AND HARDWARE AND REPLACE PER THE DOOR SCHEDULE.
8. REMOVE EXISTING STEEL STUDS, INSULATION AND GYPSUM BOARD WALL. COORDINATE WITH STRUCTURAL DRAWINGS. PATCH ADJACENT WALLS AND FLOOR PER GENERAL DEMOLITION NOTE "B".
9. REMOVE EXISTING STEEL STUDS, INSULATION AND GYPSUM BOARD WALL AS REQUIRED FOR INSTALLATION OF DOOR, FRAME, HARDWARE AND LINTEL. PATCH ADJACENT WALLS AND FLOOR PER GENERAL DEMOLITION NOTE "B".
10. REMOVE EXISTING CONCRETE SIDEWALK. SAW CUT FOR CLEAN EDGE.
11. REMOVE ASPHALT PAVING AND GRAVEL BASE. SAW CUT FOR CLEAN EDGE.
12. REMOVE CONCRETE CURB AND GUTTER. SAW CUT FOR CLEAN EDGE.
13. REMOVE EXTERIOR CONCRETE RAMP OR STAIRS AND RAILINGS. PATCH ADJACENT WALLS PER GENERAL DEMOLITION NOTE "B". FILL ANY VOIDS WITH TOP SOIL AND SEED.
14. REMOVE 8" TALL ALUMINUM ROOF COVERING, STRUCTURAL LIGHTS, WIRING, ETC. FROM BRICK WING WALL EDGE TO BRICK WING WALL EDGE. COVER EXPOSED EDGE WITH MATCHING MATERIALS. ARCHITECT IS TO BE ON SITE TO REVIEW THE EXPOSED EDGE BEFORE IT IS COVERED. PATCH ADJACENT WALLS PER GENERAL DEMOLITION NOTE "B".
15. REMOVE EXISTING INTERIOR 28'-0" LF OF CONCRETE RAMP AND SLAB.
16. REMOVE FENCE. FILL IN VOID WITH TOP SOIL AND SEED.
17. REMOVE SIGN AND POST. FILL IN VOID WITH TOP SOIL AND SEED.
18. REMOVE TREE AND SCRUBS AND ITS ROOT SYSTEM. FILL IN VOID WITH TOP SOIL AND SEED.
19. INSTALL A "RUSKIN" 1BD23 CURTAIN TYPE STATIC FIRE DAMPERS IN THE SUPPLY AND RETURN AT THE CMU WALL. 1 HOUR UL555 RATED. ENCLUDE ALL OPTIONS NEED FOR THE 1 HOUR RATING.
20. INSTALL A "RUSKIN" 1BD23 CURTAIN TYPE STATIC FIRE DAMPERS IN THE SUPPLY AND RETURN AT THE CMU WALL. 3 HOUR UL555 RATED. ENCLUDE ALL OPTIONS NEED FOR THE 3 HOUR RATING.
21. ---
22. REMOVE EXISTING PLUMBING FIXTURES. CAP ALL WATER, SEWER AND ELECTRICAL LINES FLUSH WITH THE WALL OR FLOOR OR ABOVE THE CEILING. PATCH WALLS PER GENERAL DEMOLITION NOTE "B".
23. REMOVE EXISTING WATER CLOSET FIXTURE. FINISH FLOORING. SEWER LINE, TOILET CONNECTION AND CONCRETE TO INSTALL A WATER CLOSET AT THE LOCATION SHOWN ON SHEET A10.01. CONNECT WATER CLOSET TO THE TOILET CONNECTION AND WATER LINE AND PATCH CONCRETE PER DEMOLITION NOTE "B". INSTALL THE FLOOR FINISH PER DEMOLITION PLAN "A".
24. REMOVE TOILET PARTITION. PATCH ADJACENT WALLS PER GENERAL DEMOLITION NOTE "B" AND PATCH FLOOR SLAB PER DETAIL "G/A1.02".
25. REMOVE KITCHEN EQUIPMENT. CAP ALL GAS, WATER, SEWER AND ELECTRICAL LINES FLUSH WITH THE WALL OR FLOOR OR ABOVE THE CEILING. PATCH ADJACENT WALLS PER GENERAL DEMOLITION NOTE "B" AND PATCH FLOOR SLAB PER DETAIL "G/A1.02".
26. REMOVE THE EXISTING PLATFORM, WALLS, CEILING, STAIRS, RAMP, ELECTRICAL FIXTURES, SOUND SYSTEM PANEL, SPEAKERS AND ELECTRICAL LINES. PATCH ADJACENT WALLS PER GENERAL DEMOLITION NOTE "B" AND PATCH FLOOR SLAB PER DETAIL "G/A1.02".
27. 1 HOUR RATING. FIRE CALK ALL OPENINGS IN THIS WALL ON EXTERIOR AND INTERIOR. SEE FIRE RATING DETAILS.
28. FIRE RATED CALK ALL OPENING IN THIS CORRIDOR ON THE WALLS AND CEILING. SEE FIRE RATING DETAILS.
29. REMOVE EXISTING METAL OR WOOD PANELS FROM THE STOREFRONT AND CALK THE STOREFRONT TO THE MASONRY. CALK THE GLASS TO THE STOREFRONT AND PATCH THE SCREW HOLES IN THE STOREFRONT. SEE ALLOWANCE FOR REPLACING EXISTING BROKEN GLASS IN STOREFRONT.
30. REMOVE MARKER BOARD AND TACK BOARD IN THIS ROOM. PATCH ADJACENT WALLS PER GENERAL DEMOLITION NOTE "B".
31. REMOVE PVC DRAINAGE LINE. FILL IN VOID WITH TOP SOIL AND SEED.
32. RELOCATED BENCH AS SHOWN ON SITE PLAN. FILL IN VOID WITH TOP SOIL AND SEED.
33. REMOVE TOILET GRAB BARS AND TOILET DISPENSERS AT THIS TOILET.
34. INSTALL A 8" CMU WALL IN THE MASONRY OPENING. TOOTH IN THE MASONRY SIMILAR TO THE DETAIL "3/A1.03".
35. REMOVE HOLLOW METAL FRAME, PANELS AND GLASS TO 7'-0" AFF. INSTALL HOLLOW METAL PANEL TO FINISH OFF ALL EXPOSED HOLLOW METAL FRAME OPENINGS. PATCH ADJACENT WALLS PER GENERAL DEMOLITION NOTE "B" AND PATCH FLOOR SLAB PER DETAIL "G/A1.02".



TOTAL OCCUPANT  
37

UNIT "A"  
UNIT "B"

**RECORDS**  
**1 UNIT "A" FLOOR PLAN**  
SCALE: 1/8" = 1'-0"



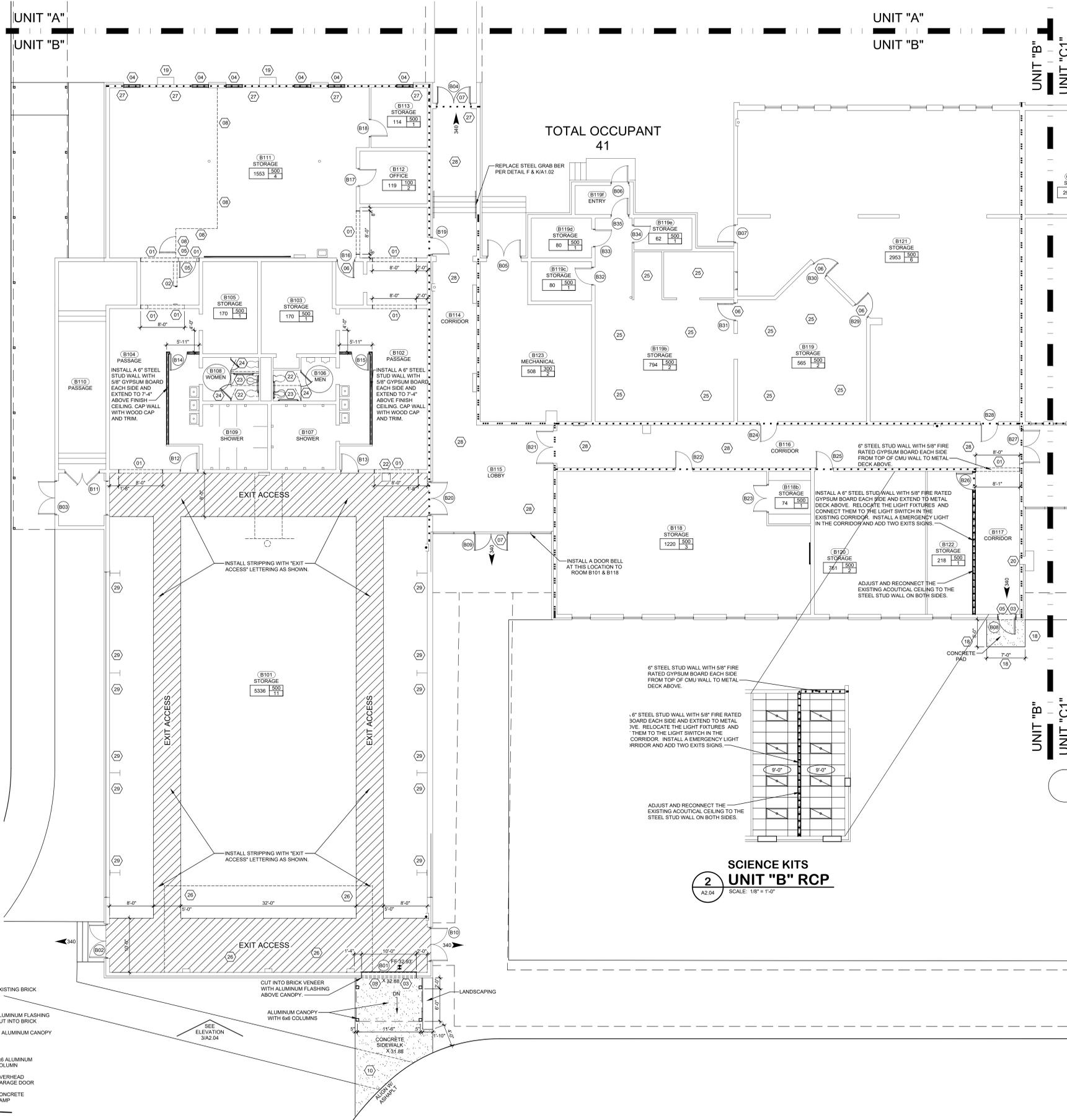
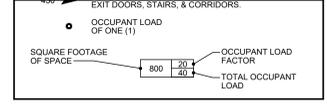
**GENERAL DEMOLITION NOTES:**

- A. ALL SURFACES DISTURBED BY DEMOLITION AND / OR CONSTRUCTION ACTIVITIES ARE TO BE RESTORED TO MATCH SURROUNDING SURFACES, AS FOLLOWS:
  1. FLOOR FINISHES: RESTORED TO MATCH THE EXISTING SURROUNDING FLOORING FINISH AND BASE FINISH.
  2. WALL FINISHES: FINISH AND PAINT WALLS FROM CORNER TO CORNER AND BASE TO CEILING.
  3. CEILING FINISHES: RESTORED TO MATCH THE EXISTING SURROUNDING CEILING FINISH.
- B. ALL OPENINGS CREATED BY DEMOLITION AND / OR CONSTRUCTION ACTIVITIES (I.E. FOR WALLS, DOORS, WINDOWS, OPENINGS, DUCTS, ELECTRIC PANELS, CONDUIT, PLUMBING FIXTURES, ETC.) ARE TO BE PATCHED WITH MATERIALS THAT MATCH SURROUNDING SURFACES, AS FOLLOWS:
  1. CMU WALLS ARE TO BE CLOSED WITH MATCHING THICKNESS, COUSING AND MASONRY UNITS AND TOOTHED INTO ADJACENT WALLS. MAINTAIN OR RESTORE FIRE RATINGS AT ALL LOCATIONS.
  2. STEEL STUD WALLS ARE TO BE CLOSED WITH MATCHING STUD THICKNESS AND GAUGE, AND MATCHING THICKNESS OF GYPSUM BOARD. MAINTAIN OR RESTORE FIRE RATINGS AT ALL LOCATIONS.
  3. CONCRETE WALLS ARE TO BE CLOSED WITH MATCHING STUD THICKNESS AND MATCHING THICKNESS OF GYPSUM BOARD. MAINTAIN OR RESTORE FIRE RATINGS AT ALL LOCATIONS.
  4. FLOOR OPENINGS 20"X20" OR LARGER ARE TO BE FILL IN WITH CONCRETE. MAINTAIN OR RESTORE FIRE RATINGS AT ALL LOCATIONS.
  5. FLOOR OPENINGS SMALLER THAN 2'X8"X12L ARE TO BE FILLED WITH "S10" CONCRETE EPOXY FILLER.

**DEMOLITION & RENOVATION KEYED NOTES:** (4) KEY NOTES TYPICAL

1. REMOVE EXISTING MASONRY WALL TO 8'-0" AFF AND INSTALL A STRUCTURAL LINTEL PER THE STRUCTURAL DRAWINGS. TOOTH IN THE MASONRY PER THE DETAIL 3/A1.03. REMOVE THE CMU WALL 8" BELOW THE SLAB AND PATCH THE SLAB PER THE DETAIL 3/A1.02. PATCH ADJACENT WALLS PER GENERAL DEMOLITION NOTE "B".
2. REMOVE EXISTING MASONRY WALL. TOOTH IN THE MASONRY PER THE DETAIL. REMOVE THE CMU WALL 8" BELOW THE SLAB AND PATCH THE SLAB PER THE DETAIL 3/A1.02. PATCH ADJACENT WALLS PER GENERAL DEMOLITION NOTE "B".
3. REMOVE EXISTING MASONRY WALL TO INSTALL A HOLLOW METAL FRAME, DOOR & STRUCTURAL LINTEL. TOOTH IN THE MASONRY PER THE DETAIL 3/A1.03. PATCH ADJACENT WALLS PER GENERAL DEMOLITION NOTE "B".
4. REMOVE EXISTING WINDOW AND WINDOW SILL. CLOSE OPENING WITH MATCHING MATERIALS AND TOOTH IN THE MASONRY PER THE SHEET "S3". PATCH ADJACENT WALLS PER GENERAL DEMOLITION NOTE "B".
5. REMOVE EXISTING DOOR, HOLLOW METAL FRAME AND HARDWARE.
6. REMOVE EXISTING DOOR AND HARDWARE.
7. REMOVE EXISTING DOOR, HOLLOW METAL FRAME AND HARDWARE AND REPLACE PER THE DOOR SCHEDULE.
8. REMOVE EXISTING STEEL STUDS, INSULATION AND GYPSUM BOARD WALL. COORDINATE WITH STRUCTURAL DRAWINGS. PATCH ADJACENT WALLS AND FLOOR PER GENERAL DEMOLITION NOTE "B".
9. REMOVE EXISTING STEEL STUDS, INSULATION AND GYPSUM BOARD WALL AS REQUIRED FOR INSTALLATION OF DOOR, FRAME, HARDWARE AND LINTEL. PATCH ADJACENT WALLS AND FLOOR PER GENERAL DEMOLITION NOTE "B".
10. REMOVE EXISTING CONCRETE SIDEWALK. SAW CUT FOR CLEAN EDGE.
11. REMOVE ASPHALT PAVING AND GRAVEL BASE. SAW CUT FOR CLEAN EDGE.
12. REMOVE CONCRETE CURB AND GUTTER. SAW CUT FOR CLEAN EDGE.
13. REMOVE EXTERIOR CONCRETE RAMP OR STAIRS AND RAILINGS. PATCH ADJACENT WALLS PER GENERAL DEMOLITION NOTE "B". FILL ANY VOIDS WITH TOP SOIL AND SEED.
14. REMOVE 8" TALL ALUMINUM ROOF COVERING, STRUCTURAL LIGHTS, WIRING, ETC. FROM BRICK WING WALL EDGE TO BRICK WING WALL EDGE. COVER EXPOSED EDGE WITH MATCHING MATERIALS. ARCHITECT TO BE ON SITE TO REVIEW THE EXPOSED EDGE BEFORE IT IS COVERED. PATCH ADJACENT WALLS PER GENERAL DEMOLITION NOTE "B".
15. REMOVE EXISTING INTERIOR 28'-0" LF OF CONCRETE RAMP AND SLAB.
16. REMOVE FENCE. FILL IN VOID WITH TOP SOIL AND SEED.
17. REMOVE SIGN AND POST. FILL IN VOID WITH TOP SOIL AND SEED.
18. REMOVE TREE AND SCRUBS AND ITS ROOT SYSTEM. FILL IN VOID WITH TOP SOIL AND SEED.
19. INSTALL A "RUSKIN" BD23 CURTAIN TYPE STATIC FIRE DAMPERS IN THE SUPPLY AND RETURN AT THE CMU WALL. 1 1/2" HOUR UL555 RATED. ENCLUDE ALL OPTIONS NEED FOR THE 1 HOUR RATINGS.
20. INSTALL A "RUSKIN" BD23 CURTAIN TYPE STATIC FIRE DAMPERS IN THE SUPPLY AND RETURN AT THE CMU WALL. 3" HOUR UL555 RATED. ENCLUDE ALL OPTIONS NEED FOR THE 3 HOUR RATING.
21. ---
22. REMOVE EXISTING PLUMBING FIXTURES. CAP ALL WATER, SEWER AND ELECTRICAL LINES FLUSH WITH THE WALL OR FLOOR OR ABOVE THE CEILING. PATCH WALLS PER GENERAL DEMOLITION NOTE "B".
23. REMOVE EXISTING WATER CLOSET FIXTURE. FINISH FLOORING, SEWER LINE, TOILET CONNECTION AND CONCRETE TO INSTALL A WATER CLOSET AT THE LOCATION SHOWN ON SHEET A10.01. CONNECT WATER CLOSET TO THE TOILET CONNECTION AND WATER LINE AND PATCH CONCRETE PER DEMOLITION NOTE "B". INSTALL THE FLOOR FINISH PER DEMOLITION PLAN "A".
24. REMOVE TOILET PARTITION. PATCH ADJACENT WALLS PER GENERAL DEMOLITION NOTE "B" AND PATCH FLOOR SLAB PER DETAIL "G/A1.02".
25. REMOVE KITCHEN EQUIPMENT. CAP ALL GAS, WATER, SEWER AND ELECTRICAL LINES FLUSH WITH THE WALL OR FLOOR OR ABOVE THE CEILING. PATCH ADJACENT WALLS PER GENERAL DEMOLITION NOTE "B" AND PATCH FLOOR SLAB PER DETAIL "G/A1.02".
26. REMOVE THE EXISTING PLATFORM, WALLS, CEILING, STAIRS, RAMP, ELECTRICAL FIXTURES, SOUND SYSTEM PANEL, SPEAKERS AND ELECTRICAL LINES. PATCH ADJACENT WALLS PER GENERAL DEMOLITION NOTE "B" AND PATCH FLOOR SLAB PER DETAIL "G/A1.02".
27. 1 HOUR RATING. FIRE CAULK ALL OPENINGS IN THIS WALL ON EXTERIOR AND INTERIOR. SEE FIRE RATING DETAILS.
28. FIRE RATED CAULK ALL OPENING IN THIS CORRIDOR ON THE WALLS AND CEILING. SEE FIRE RATING DETAILS.
29. REMOVE EXISTING METAL OR WOOD PANELS FROM THE STOREFRONT AND CAULK THE STOREFRONT TO THE MASONRY. CAULK THE GLASS TO THE STOREFRONT AND PATCH THE SCREW HOLES IN THE STOREFRONT. SEE ALLOWANCE FOR REPLACING EXISTING BROKEN GLASS IN STOREFRONT.
30. REMOVE MARKER BOARD AND TACK BOARD IN THIS ROOM. PATCH ADJACENT WALLS PER GENERAL DEMOLITION NOTE "B".
31. REMOVE PVC DRAINAGE LINE. FILL IN VOID WITH TOP SOIL AND SEED.
32. RELOCATED BENCH AS SHOWN ON SITE PLAN. FILL IN VOID WITH TOP SOIL AND SEED.
33. REMOVE TOILET GRAB BARS AND TOILET DISPENSERS AT THIS TOILET.
34. INSTALL A 8" CMU WALL IN THE MASONRY OPENING. TOOTH IN THE MASONRY SIMILAR TO THE DETAIL 3/A1.03.
35. REMOVE HOLLOW METAL FRAME, PANELS AND GLASS TO 7'-0" AFF. INSTALL HOLLOW METAL PANEL TO FINISH OFF ALL EXPOSED HOLLOW METAL FRAME OPENINGS. PATCH ADJACENT WALLS PER GENERAL DEMOLITION NOTE "B" AND PATCH FLOOR SLAB PER DETAIL "G/A1.02".

**EGRESS OCCUPANT LOAD:**



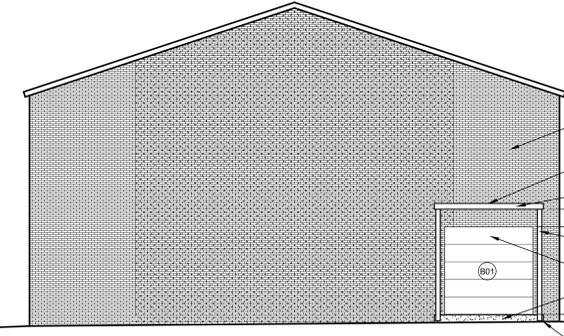
TOTAL OCCUPANT  
41

**SCIENCE KITS  
UNIT "B" RCP**

2  
A2.04 SCALE: 1/8" = 1'-0"

**SCIENCE KITS  
UNIT "B" FLOOR PLAN**

1  
A2.04 SCALE: 1/8" = 1'-0"



**SCIENCE KITS  
UNIT "B" ELEVATION**

3  
A2.04 SCALE: 1/8" = 1'-0"

PROJECT TITLE  
MBIS  
Renovations  
for  
Records  
Kits  
Adult Education

TMS: 173-160-2005  
North Oak Street  
Myrtle Beach, SC

FILE NUMBER: 2002

SHEET TITLE: SCIENCE KITS UNIT "B" FLOOR PLAN

DATE: March 6, 2020

REVISION DATE:

SHEET NUMBER:

**A2.04**



D3G ARCHITECTS, LLC  
WWW.D3GANET  
843.427.6450

350 HILTON ROAD / SUITE 101  
MYRTLE BEACH, SC 29572

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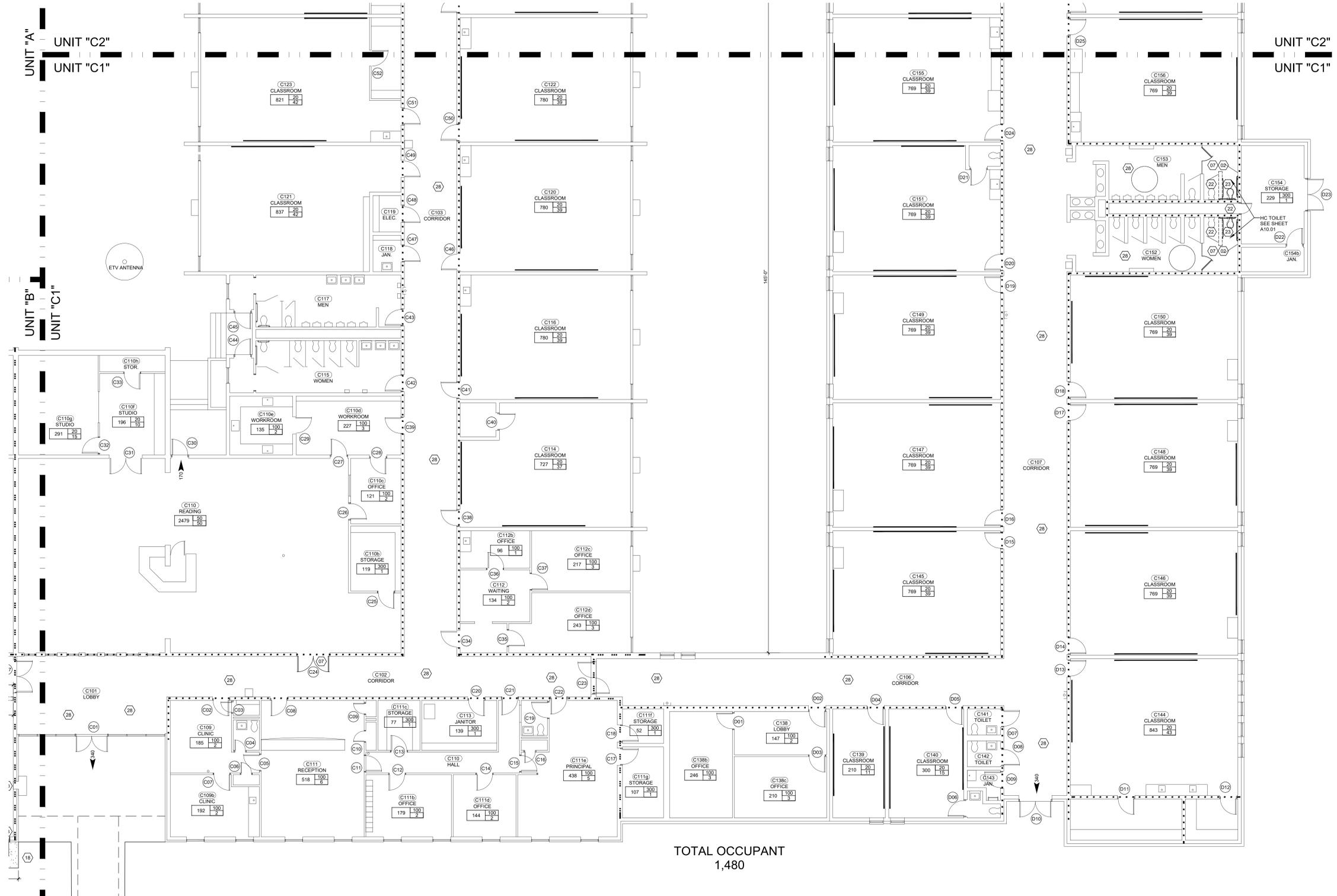
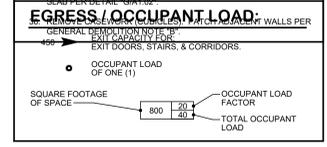


**GENERAL DEMOLITION NOTES:**

- A. ALL SURFACES DISTURBED BY DEMOLITION AND / OR CONSTRUCTION ACTIVITIES ARE TO BE RESTORED TO MATCH SURROUNDING SURFACES, AS FOLLOWS:
  1. FLOOR FINISHES: RESTORED TO MATCH THE EXISTING SURROUNDING FLOORING FINISH AND BASE FINISH.
  2. WALL FINISHES: FINISH AND PAINT WALLS FROM CORNER TO CORNER AND BASE TO CEILING.
  3. CEILING FINISHES: RESTORED TO MATCH THE EXISTING SURROUNDING CEILING FINISH.
- B. ALL OPENINGS CREATED BY DEMOLITION AND / OR CONSTRUCTION ACTIVITIES (I.E. FOR WALLS, DOORS, WINDOWS, OPENINGS, DUCTS, ELECTRIC PANELS, CONDUIT, PLUMBING FIXTURES, ETC.) ARE TO BE PATCHED WITH MATERIALS THAT MATCH SURROUNDING SURFACES, AS FOLLOWS:
  1. CMU WALLS ARE TO BE CLOSED WITH MATCHING THICKNESS, COUSING AND MASONRY UNITS AND TOOTHED INTO ADJACENT WALLS. MAINTAIN OR RESTORE FIRE RATINGS AT ALL LOCATIONS.
  2. STEEL STUD WALLS ARE TO BE CLOSED WITH MATCHING STUD THICKNESS AND GAUGE AND MATCHING THICKNESS OF GYPSUM BOARD. MAINTAIN OR RESTORE FIRE RATINGS AT ALL LOCATIONS.
  3. WOOD STUD WALLS ARE TO BE CLOSED WITH MATCHING STUD THICKNESS AND MATCHING THICKNESS OF GYPSUM BOARD. MAINTAIN OR RESTORE FIRE RATINGS AT ALL LOCATIONS.
  4. FLOOR OPENINGS 20"X20" OR LARGER ARE TO BE FILL IN WITH CONCRETE. MAINTAIN OR RESTORE FIRE RATINGS AT ALL LOCATIONS.
  5. FLOOR OPENINGS SMALLER THAN 2'X8"X12L ARE TO BE FILL WITH "S10" CONCRETE EPOXY FILLER.

**DEMOLITION & RENOVATION KEYED NOTES:** (4) KEY NOTES TYPICAL

1. REMOVE EXISTING MASONRY WALL TO 8'-0" AFF AND INSTALL A STRUCTURAL LINTEL PER THE STRUCTURAL DRAWINGS. TOOTH IN THE MASONRY PER THE DETAIL '3A1.03'. REMOVE THE CMU WALL 8" BELOW THE SLAB AND PATCH THE SLAB PER THE DETAIL 'G1A1.02'. PATCH ADJACENT WALLS PER GENERAL DEMOLITION NOTE 'B'.
2. REMOVE EXISTING MASONRY WALL. TOOTH IN THE MASONRY PER THE DETAIL. REMOVE THE CMU WALL 8" BELOW THE SLAB AND PATCH THE SLAB PER THE DETAIL 'G1A1.02'. PATCH ADJACENT WALLS PER GENERAL DEMOLITION NOTE 'B'.
3. REMOVE EXISTING MASONRY WALL TO INSTALL A HOLLOW METAL FRAME, DOOR & STRUCTURAL LINTEL. TOOTH IN THE MASONRY PER THE DETAIL '3A1.03'. PATCH ADJACENT WALLS PER GENERAL DEMOLITION NOTE 'B'.
4. REMOVE EXISTING WINDOW AND WINDOW SILL. CLOSE OPENING WITH MATCHING MATERIALS AND TOOTH IN THE MASONRY PER THE SHEET 'S3'. PATCH ADJACENT WALLS PER GENERAL DEMOLITION NOTE 'B'.
5. REMOVE EXISTING DOOR, HOLLOW METAL FRAME AND HARDWARE.
6. REMOVE EXISTING DOOR AND HARDWARE.
7. REMOVE EXISTING DOOR, HOLLOW METAL FRAME AND HARDWARE AND REPLACE PER THE DOOR SCHEDULE.
8. REMOVE EXISTING STEEL STUDS, INSULATION AND GYPSUM BOARD WALL. COORDINATE WITH STRUCTURAL DRAWINGS. PATCH ADJACENT WALLS AND FLOOR PER GENERAL DEMOLITION NOTE 'B'.
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10. REMOVE EXISTING CONCRETE SIDEWALK. SAW CUT FOR CLEAN EDGE.
11. REMOVE ASPHALT PAVING AND GRAVEL BASE. SAW CUT FOR CLEAN EDGE.
12. REMOVE CONCRETE CURB AND GUTTER. SAW CUT FOR CLEAN EDGE.
13. REMOVE EXTERIOR CONCRETE RAMP OR STAIRS AND RAILINGS. PATCH ADJACENT WALLS PER GENERAL DEMOLITION NOTE 'B'. FILL ANY VOIDS WITH TOP SOIL AND SEED.
14. REMOVE 18" TALL ALUMINUM ROOF COVERING, STRUCTURAL LIGHTS, WIRING, ETC. FROM BRICK WING WALL EDGE TO BRICK WING WALL EDGE. COVER EXPOSED EDGE WITH MATCHING MATERIALS. ARCHITECT IS TO BE ON SITE TO REVIEW THE EXPOSED EDGE BEFORE IT IS COVERED. PATCH ADJACENT WALLS PER GENERAL DEMOLITION NOTE 'B'.
15. REMOVE EXISTING INTERIOR 28'-0" LF OF CONCRETE RAMP AND SLAB.
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17. REMOVE SIGN AND POST. FILL IN VOID WITH TOP SOIL AND SEED.
18. REMOVE TREE AND SCRUBS AND ITS ROOT SYSTEM. FILL IN VOID WITH TOP SOIL AND SEED.
19. INSTALL A "RUSKIN" 1BD23 CURTAIN TYPE STATIC FIRE DAMPERS IN THE SUPPLY AND RETURN AT THE CMU WALL. 1 1/2" HOUR UL555 RATED. ENCLUDE ALL OPTIONS NEED FOR THE 1 HOUR RATING.
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21. ---
22. REMOVE EXISTING PLUMBING FIXTURES. CAP ALL WATER, SEWER AND ELECTRICAL LINES FLUSH WITH THE WALL OR FLOOR OR ABOVE THE CEILING. PATCH WALLS PER GENERAL DEMOLITION NOTE 'B'.
23. REMOVE EXISTING WATER CLOSET FIXTURE. FINISH FLOORING, SEWER LINE, TOILET CONNECTION AND CONCRETE TO INSTALL A WATER CLOSET AT THE LOCATION SHOWN ON SHEET A10.01. CONNECT WATER CLOSET TO THE TOILET CONNECTION AND WATER LINE AND PATCH CONCRETE PER DEMOLITION NOTE 'B'. INSTALL THE FLOOR FINISH PER DEMOLITION PLAN 'A'.
24. REMOVE TOILET PARTITION. PATCH ADJACENT WALLS PER GENERAL DEMOLITION NOTE 'B' AND PATCH FLOOR SLAB PER DETAIL 'G1A1.02'.
25. REMOVE KITCHEN EQUIPMENT. CAP ALL GAS, WATER, SEWER AND ELECTRICAL LINES FLUSH WITH THE WALL OR FLOOR OR ABOVE THE CEILING. PATCH ADJACENT WALLS PER GENERAL DEMOLITION NOTE 'B' AND PATCH FLOOR SLAB PER DETAIL 'G1A1.02'.
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27. 1 HOUR RATING. FIRE CALK ALL OPENINGS IN THIS WALL ON EXTERIOR AND INTERIOR. SEE FIRE RATING DETAILS.
28. FIRE RATED CALK ALL OPENING IN THIS CORRIDOR ON THE WALLS AND CEILING. SEE FIRE RATING DETAILS.
29. REMOVE EXISTING METAL OR WOOD PANELS FROM THE STOREFRONT AND CALK THE STOREFRONT TO THE MASONRY. CALK THE GLASS TO THE STOREFRONT AND PATCH THE SCREW HOLES IN THE STOREFRONT. SEE ALLOWANCE FOR REPLACING EXISTING BROKEN GLASS IN STOREFRONT.
30. REMOVE MARKER BOARD AND TACK BOARD IN THIS ROOM. PATCH ADJACENT WALLS PER GENERAL DEMOLITION NOTE 'B'.
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32. RELOCATED BENCH AS SHOWN ON SITE PLAN. FILL IN VOID WITH TOP SOIL AND SEED.
33. REMOVE TOILET GRAB BARS AND TOILET DISPENSERS AT THIS TOILET.
34. INSTALL A 8" CMU WALL IN THE MASONRY OPENING. TOOTH IN THE MASONRY SIMILAR TO THE DETAIL '3A1.03'.
35. REMOVE HOLLOW METAL FRAME, PANELS AND GLASS TO 7'-0" AFF. INSTALL HOLLOW METAL PANEL TO FINISH OFF ALL EXPOSED HOLLOW METAL FRAME OPENINGS. PATCH ADJACENT WALLS PER GENERAL DEMOLITION NOTE 'B' AND PATCH FLOOR PER DETAIL 'G1A1.02'.



TOTAL OCCUPANT  
1,480

**ADULT EDUCATION  
UNIT 'C1' FLOOR PLAN**

SCALE: 1/8" = 1'-0"

PROJECT TITLE:  
**MBIS  
Renovations  
for  
Records  
Kits  
Adult Education**

TMS: 173-160-2005  
North Oak Street  
Myrtle Beach, SC

FILE NUMBER: 2002  
SHEET TITLE: ADULT EDUCATION UNIT 'C1' FLOOR PLAN

DATE: March 6, 2020  
REVISION DATE:

SHEET NUMBER:  
**A2.05**



D3G ARCHITECTS, LLC  
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350 HILTON ROAD / SUITE 101  
MYRTLE BEACH, SC 29572

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**GENERAL DEMOLITION NOTES:**

- A. ALL SURFACES DISTURBED BY DEMOLITION AND / OR CONSTRUCTION ACTIVITIES ARE TO BE RESTORED TO MATCH SURROUNDING SURFACES, AS FOLLOWS:
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  4. FLOOR OPENINGS 20"x20" OR LARGER ARE TO BE FILL IN WITH CONCRETE. MAINTAIN OR RESTORE FIRE RATINGS AT ALL LOCATIONS.
  5. FLOOR OPENINGS SMALLER THAN 2'0"x6'0"x12" ARE TO BE FILL WITH "S10" CONCRETE EPOXY FILLER.

**DEMOLITION & RENOVATION KEYED NOTES:** (4) KEY NOTES TYPICAL

1. REMOVE EXISTING MASONRY WALL TO 8'-0" AFF AND INSTALL A STRUCTURAL LINTEL PER THE STRUCTURAL DRAWINGS. TOOTH IN THE MASONRY PER THE DETAIL 3/A1.03. REMOVE THE CMU WALL 8" BELOW THE SLAB AND PATCH THE SLAB PER THE DETAIL 3/A1.03. PATCH ADJACENT WALLS PER GENERAL DEMOLITION NOTE "B".
2. REMOVE EXISTING MASONRY WALL. TOOTH IN THE MASONRY PER THE DETAIL. REMOVE THE CMU WALL 8" BELOW THE SLAB AND PATCH THE SLAB PER THE DETAIL 3/A1.02. PATCH ADJACENT WALLS PER GENERAL DEMOLITION NOTE "B".
3. REMOVE EXISTING MASONRY WALL TO INSTALL A HOLLOW METAL FRAME, DOOR & STRUCTURAL LINTEL. TOOTH IN THE MASONRY PER THE DETAIL 3/A1.03. PATCH ADJACENT WALLS PER GENERAL DEMOLITION NOTE "B".
4. REMOVE EXISTING WINDOW AND WINDOW SILL. CLOSE OPENING WITH MATCHING MATERIALS AND TOOTH IN THE MASONRY PER THE SHEET "S3". PATCH ADJACENT WALLS PER GENERAL DEMOLITION NOTE "B".
5. REMOVE EXISTING DOOR, HOLLOW METAL FRAME AND HARDWARE.
6. REMOVE EXISTING DOOR AND HARDWARE.
7. REMOVE EXISTING DOOR, HOLLOW METAL FRAME AND HARDWARE AND REPLACE PER THE DOOR SCHEDULE.
8. REMOVE EXISTING STEEL STUDS, INSULATION AND GYPSUM BOARD WALL. COORDINATE WITH STRUCTURAL DRAWINGS. PATCH ADJACENT WALLS AND FLOOR PER GENERAL DEMOLITION NOTE "B".
9. REMOVE EXISTING STEEL STUDS, INSULATION AND GYPSUM BOARD WALL AS REQUIRED FOR INSTALLATION OF DOOR, FRAME, HARDWARE AND LINTEL. PATCH ADJACENT WALLS AND FLOOR PER GENERAL DEMOLITION NOTE "B".
10. REMOVE EXISTING CONCRETE SIDEWALK. SAW CUT FOR CLEAN EDGE.
11. REMOVE ASPHALT PAVING AND GRAVEL BASE. SAW CUT FOR CLEAN EDGE.
12. REMOVE CONCRETE CURB AND GUTTER. SAW CUT FOR CLEAN EDGE.
13. REMOVE EXTERIOR CONCRETE RAMP OR STAIRS AND RAILINGS. PATCH ADJACENT WALLS PER GENERAL DEMOLITION NOTE "B". FILL ANY VOIDS WITH TOP SOIL AND SEED.
14. REMOVE 8" TALL ALUMINUM ROOF COVERING, STRUCTURAL LIGHTS, WIRING, ETC. FROM BRICK WING WALL EDGE TO BRICK WING WALL EDGE. COVER EXPOSED EDGE WITH MATCHING MATERIALS. ARCHITECT IS TO BE ON SITE TO REVIEW THE EXPOSED EDGE BEFORE IT IS COVERED. PATCH ADJACENT WALLS PER GENERAL DEMOLITION NOTE "B".
15. REMOVE EXISTING INTERIOR 28'-0" LF OF CONCRETE RAMP AND SLAB.
16. REMOVE FENCE. FILL IN VOID WITH TOP SOIL AND SEED.
17. REMOVE SIGN AND POST. FILL IN VOID WITH TOP SOIL AND SEED.
18. REMOVE TREE AND SCRUBS AND ITS ROOT SYSTEM. FILL IN VOID WITH TOP SOIL AND SEED.
19. INSTALL A "RUSKIN" 1BD22 CURTAIN TYPE STATIC FIRE DAMPERS IN THE SUPPLY AND RETURN AT THE CMU WALL. 1 1/2" HOUR UL555 RATED. ENCLUDE ALL OPTIONS NEED FOR THE 1 HOUR RATINGS.
20. INSTALL A "RUSKIN" 1BD23 CURTAIN TYPE STATIC FIRE DAMPERS IN THE SUPPLY AND RETURN AT THE CMU WALL. 3 HOUR UL555 RATED. ENCLUDE ALL OPTIONS NEED FOR THE 3 HOUR RATINGS.
21. ---
22. REMOVE EXISTING PLUMBING FIXTURES. CAP ALL WATER, SEWER AND ELECTRICAL LINES FLUSH WITH THE WALL OR FLOOR OR ABOVE THE CEILING. PATCH WALLS PER GENERAL DEMOLITION NOTE "B".
23. REMOVE EXISTING WATER CLOSET FIXTURE. FINISH FLOORING, SEWER LINE, TOILET CONNECTION AND CONCRETE TO INSTALL A WATER CLOSET AT THE LOCATION SHOWN ON SHEET A10.01. CONNECT WATER CLOSET TO THE TOILET CONNECTION AND WATER LINE AND PATCH CONCRETE PER DEMOLITION NOTE "B". INSTALL THE FLOOR FINISH PER DEMOLITION PLAN "A".
24. REMOVE TOILET PARTITION. PATCH ADJACENT WALLS PER GENERAL DEMOLITION NOTE "B" AND PATCH FLOOR SLAB PER DETAIL "G/A1.02".
25. REMOVE KITCHEN EQUIPMENT. CAP ALL GAS, WATER, SEWER AND ELECTRICAL LINES FLUSH WITH THE WALL OR FLOOR OR ABOVE THE CEILING. PATCH ADJACENT WALLS PER GENERAL DEMOLITION NOTE "B" AND PATCH FLOOR SLAB PER DETAIL "G/A1.02".
26. REMOVE THE EXISTING PLATFORM, WALLS, CEILING, STAIRS, RAMP, ELECTRICAL FIXTURES, SOUND SYSTEM PANEL, SPEAKERS AND ELECTRICAL LINES. PATCH ADJACENT WALLS PER GENERAL DEMOLITION NOTE "B" AND PATCH FLOOR SLAB PER DETAIL "G/A1.02".
27. 1 HOUR RATING. FIRE CAULK ALL OPENINGS IN THIS WALL ON EXTERIOR AND INTERIOR. SEE FIRE RATING DETAILS.
28. FIRE RATED CAULK ALL OPENING IN THIS CORRIDOR ON THE WALLS AND CEILING. SEE FIRE RATING DETAILS.
29. REMOVE EXISTING METAL OR WOOD PANELS FROM THE STOREFRONT AND CAULK THE STOREFRONT TO THE MASONRY. CAULK THE GLASS TO THE STOREFRONT AND PATCH THE SCREW HOLES IN THE STOREFRONT. SEE ALLOWANCE FOR REPLACING EXISTING BROKEN GLASS IN STOREFRONT.
30. REMOVE MARKER BOARD AND TACK BOARD IN THIS ROOM. PATCH ADJACENT WALLS PER GENERAL DEMOLITION NOTE "B".
31. REMOVE PVC DRAINAGE LINE. FILL IN VOID WITH TOP SOIL AND SEED.
32. RELOCATED BENCH AS SHOWN ON SITE PLAN. FILL IN VOID WITH TOP SOIL AND SEED.
33. REMOVE TOILET GRAB BARS AND TOILET DISPENSERS AT THIS TOILET.
34. INSTALL A 8" CMU WALL IN THE MASONRY OPENING. TOOTH IN THE MASONRY SIMILAR TO THE DETAIL 3/A1.03.
35. REMOVE HOLLOW METAL FRAME, PANELS AND GLASS TO 7'-0" AFF. INSTALL HOLLOW METAL PANEL TO FINISH OFF ALL EXPOSED HOLLOW METAL FRAME OPENINGS. PATCH ADJACENT WALLS PER GENERAL DEMOLITION NOTE "B" AND PATCH FLOOR SLAB PER DETAIL "G/A1.02".

**EGRESS OCCUPANT LOAD:**

GENERAL DEMOLITION PER THE EXISTING WALLS PER GENERAL DEMOLITION NOTE "B".

EXIT DOORS, STAIRS, & CORRIDORS.

SQUARE FOOTAGE OF SPACE	800	20	40	OCCUPANT LOAD FACTOR	40
			TOTAL OCCUPANT LOAD		



**ADULT EDUCATION UNIT "C2" FLOOR PLAN**  
SCALE: 1/8" = 1'-0"

PROJECT TITLE  
**MBIS Renovations for Records Science Kits Adult Education**

TMS: 173-160-2005  
North Oak Street  
Myrtle Beach, SC

DATE: March 6, 2020  
REVISION DATE:

SHEET NUMBER  
**A2.06**

DOOR NUMBER	DOOR SIZE	DOOR THICKNESS	FIRE RATING	ELEVATION	DOOR FRAME	CLOSER	PANIC HARDWARE	MAGNETIC HOLD OPEN	REPLACE NEW HARDWARE	REMARKS
A01	2 - 3'-0"x7'-0"	1 3/4"	45 MIN	B3	HM-03	@	@			CONTINUOUS HINGES
A02	3'-0"x7'-0"	1 3/4"	45 MIN	B	HM-05	@	@			
A03	SINGLE									
A04	SINGLE									
A05	SINGLE									
A06	SINGLE									
A07	SINGLE									
A08	SINGLE									
A09	SINGLE									REMOVE DOOR & HARDWARE
A10	SINGLE									
A11	SINGLE									
A12	SINGLE									
A13	SINGLE									
A14	SINGLE									
A15	SINGLE									
A16	DOUBLE									
A17	SINGLE									
A18	SINGLE									
A19	DOUBLE									
A20	SINGLE									
A21	SINGLE									
A22	SINGLE									

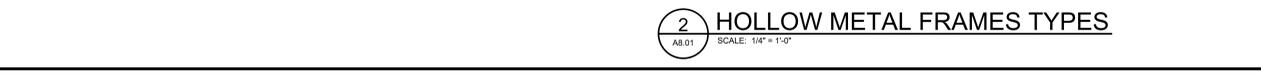
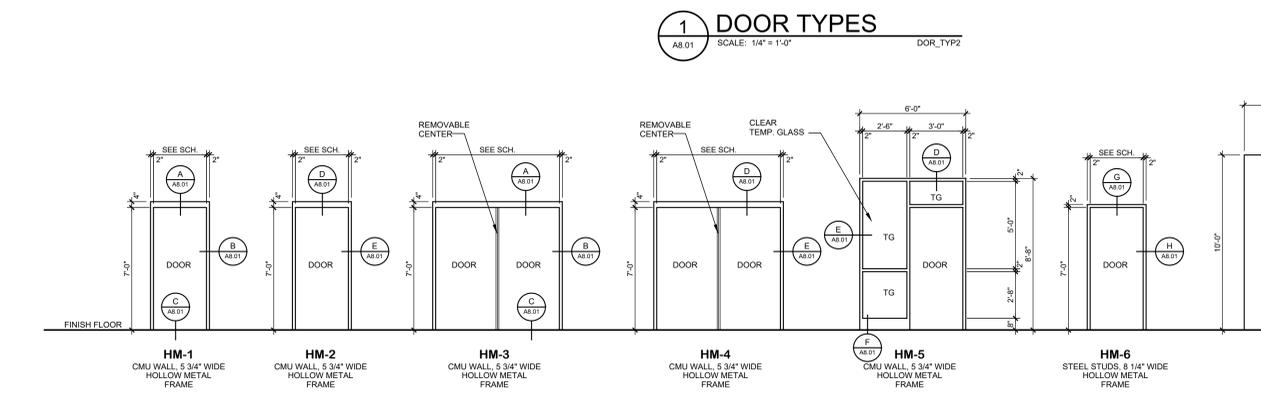
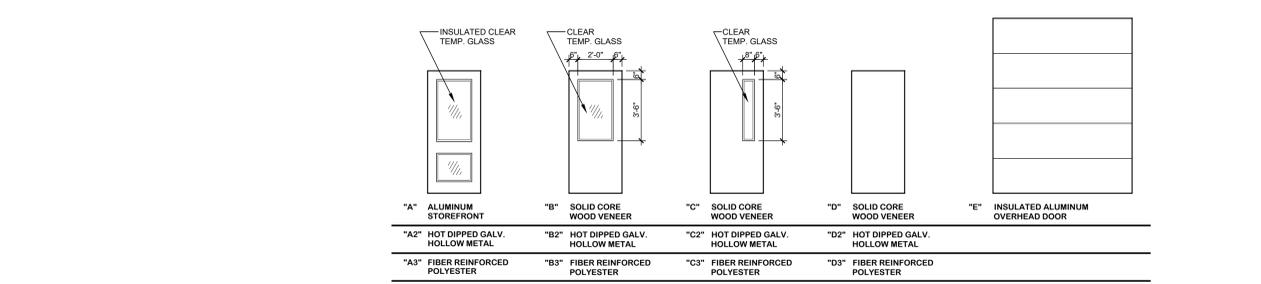
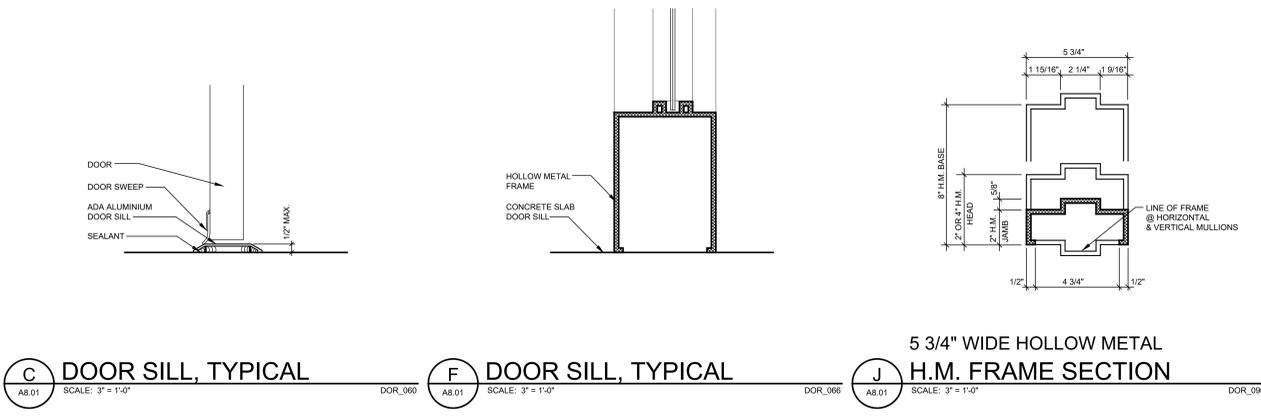
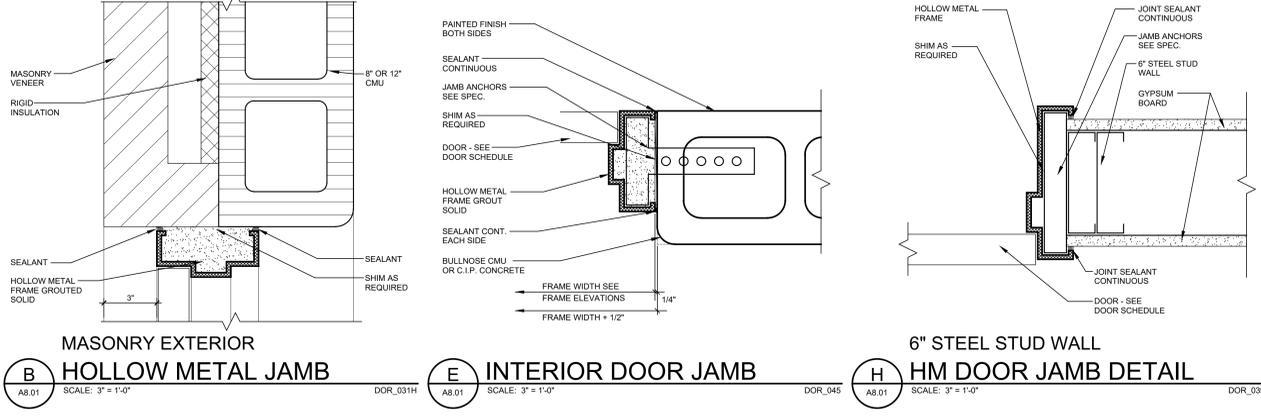
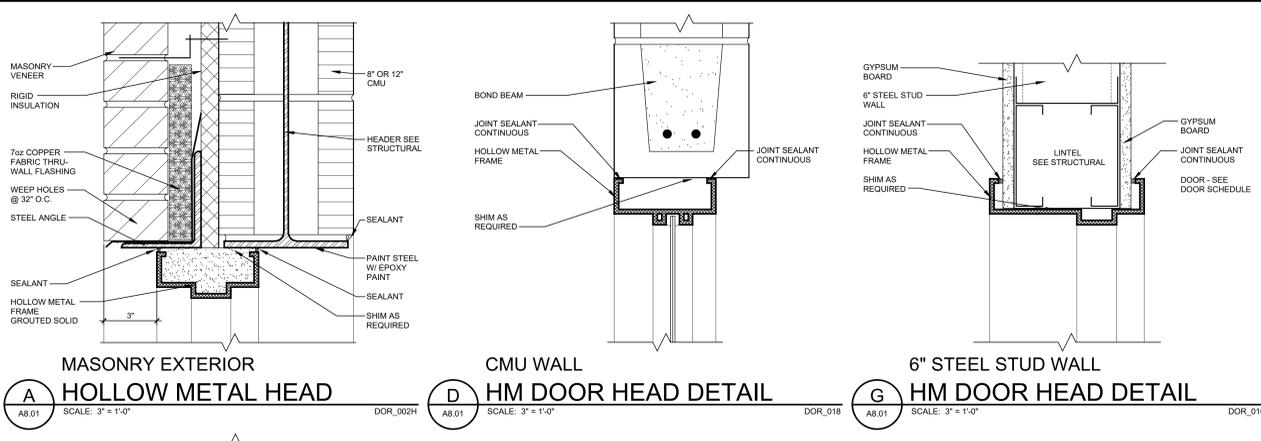
DOOR NUMBER	DOOR SIZE	DOOR THICKNESS	FIRE RATING	ELEVATION	DOOR FRAME	CLOSER	PANIC HARDWARE	MAGNETIC HOLD OPEN	REPLACE NEW HARDWARE	REMARKS
B01	10'-0"x10'-0"			F	HM-07				@	OVERHEAD DOOR
B02	DOUBLE									
B03	DOUBLE									
B04	2 - 3'-0"x7'-0"	1 3/4"	45 MIN	B3	HM-03	@	@			CONTINUOUS HINGES
B05	DOUBLE									
B06	SINGLE									
B07	SINGLE									
B08	3'-0"x7'-0"	1 3/4"		D3	HM-01	@	@			
B09	2 - 3'-0"x7'-0"	1 3/4"		B3					@	CONTINUOUS HINGES
B10	DOUBLE									
B11	SINGLE									
B12	SINGLE									
B13	SINGLE									
B14	3'-0"x7'-0"	1 3/4"		D	HM-06	@	@			
B15	3'-0"x7'-0"	1 3/4"		D	HM-06	@	@			
B16	SINGLE									REMOVE DOOR & HARDWARE
B17	SINGLE									
B18	SINGLE									
B19	SINGLE									
B20	DOUBLE									
B21	DOUBLE									
B22	SINGLE									
B23	DOUBLE									
B24	SINGLE									
B25	SINGLE									
B26	3'-0"x7'-0"	1 3/4"	45 MIN	D	HM-06	@	@			
B27	DOUBLE									
B28	SINGLE									
B29	SINGLE									REMOVE DOOR & HARDWARE
B30	SINGLE									REMOVE DOOR & HARDWARE
B31	SINGLE									REMOVE DOOR & HARDWARE
B32	SINGLE									
B33	SINGLE									
B34	SINGLE									
B35	SINGLE									

DOOR NUMBER	DOOR SIZE	DOOR THICKNESS	FIRE RATING	ELEVATION	DOOR FRAME	CLOSER	PANIC HARDWARE	MAGNETIC HOLD OPEN	REPLACE NEW HARDWARE	REMARKS
D01	SINGLE									
D02	SINGLE									
D03	SINGLE									
D04	SINGLE									
D05	SINGLE									
D06	SINGLE									
D07	SINGLE									
D08	SINGLE									
D09	SINGLE									
D10	DOUBLE									
D11	SINGLE									
D12	SINGLE									
D13	SINGLE									
D14	SINGLE									
D15	SINGLE									
D16	SINGLE									
D17	SINGLE									
D18	SINGLE									
D19	SINGLE									
D20	SINGLE									
D21	SINGLE									
D22	SINGLE									
D23	DOUBLE									
D24	SINGLE									
D25	SINGLE									
D26	SINGLE									
D27	SINGLE									
D28	SINGLE									
D29	SINGLE									
D30	DOUBLE									
D31	SINGLE									
D32	SINGLE									
D33	SINGLE									
D34	SINGLE									
D35	DOUBLE									
D36	DOUBLE									

**DOOR NOTES:**

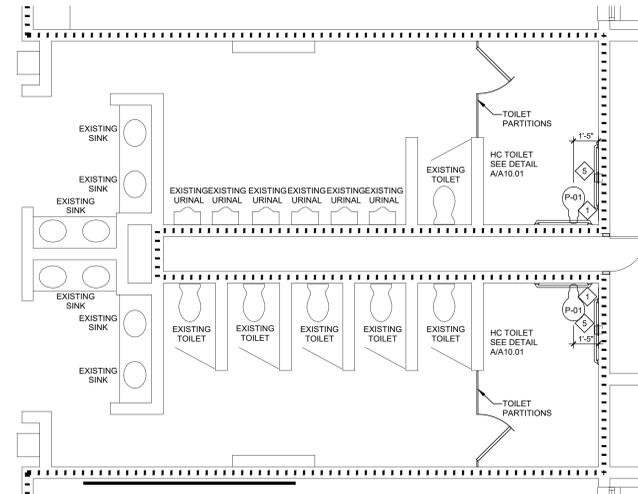
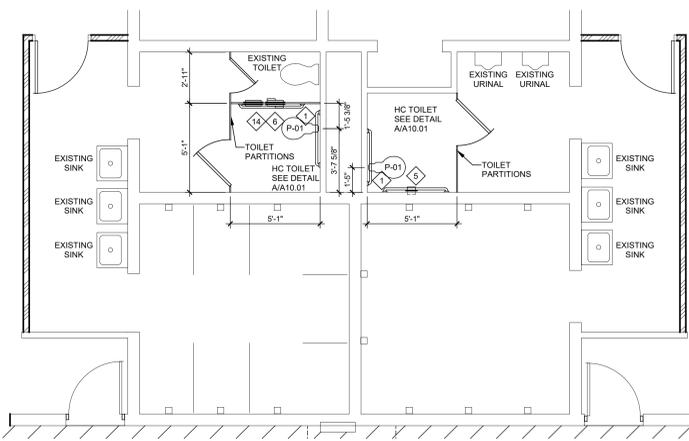
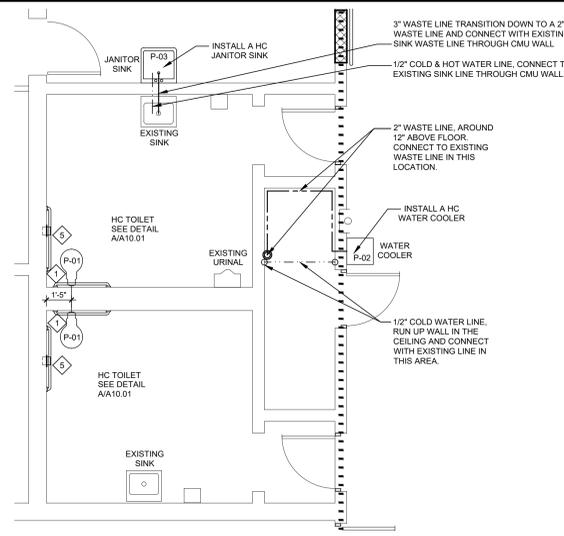
- ALL WOOD DOORS ARE TO BE PRE FINISHED, PRE FITTED AND PRE MACHINED FOR HARDWARE.
- PROVIDE FULL WEATHER-STRIPPING ON ALL EXTERIOR DOOR.
- EXTERIOR DOOR GLAZING SHALL CONFORM TO GLASS PERFORMANCE SPECS FOR EXTERIOR GLAZING.
- WRAP EXTERIOR DOOR FRAME HEADS AND JAMBS WITH A LAYER OF CONTINUOUS SELF-ADHESIVE WATERPROOF MEMBRANE. SEE DETAIL, N/A8.01.

DOOR NUMBER	DOOR SIZE	DOOR THICKNESS	FIRE RATING	ELEVATION	DOOR FRAME	CLOSER	PANIC HARDWARE	MAGNETIC HOLD OPEN	REPLACE NEW HARDWARE	REMARKS
C01	DOUBLE									
C02	SINGLE									
C03	SINGLE									
C04	SINGLE									
C05	SINGLE									
C06	SINGLE									
C07	SINGLE									
C08	SINGLE									
C09	SINGLE									
C10	SINGLE									
C11	SINGLE									
C12	SINGLE									
C13	SINGLE									
C14	SINGLE									
C15	SINGLE									
C16	SINGLE									
C17	SINGLE									
C18	SINGLE									
C19	SINGLE									
C20	SINGLE									
C21	SINGLE									
C22	SINGLE									
C23	DOUBLE									
C24	2 - 3'-0"x7'-0"	1 3/4"	45 MIN.	C	HM-04	@	@			
C25	SINGLE									
C26	SINGLE									
C27	SINGLE									
C28	SINGLE									
C29	SINGLE									
C30	SINGLE									
C31	DOUBLE									
C32	SINGLE									
C33	SINGLE									
C34	SINGLE									
C35	SINGLE									
C36	SINGLE									
C37	SINGLE									
C38	SINGLE									
C39	SINGLE									
C40	SINGLE									
C41	SINGLE									
C42	SINGLE									
C43	SINGLE									
C44	SINGLE									
C45	SINGLE									
C46	SINGLE									
C47	SINGLE									
C48	SINGLE									
C49	SINGLE									
C50	SINGLE									
C51	SINGLE									
C52	SINGLE									
C53	SINGLE									
C54	SINGLE									
C55	SINGLE									
C56	SINGLE									
C57	SINGLE									
C58	SINGLE									
C59	DOUBLE									
C60	DOUBLE									
C61	SINGLE									
C62	SINGLE									
C63	SINGLE									
C64	SINGLE									
C65	SINGLE									
C66	SINGLE									
C67	DOUBLE									
C68	SINGLE									
C69	SINGLE									
C70	SINGLE									
C71	SINGLE									
C72	SINGLE									
C73	DOUBLE									



PLUMBING FIXTURE SCHEDULE							
SYMBOL	DESCRIPTION	CW	HW	W	V	MODEL NUMBER	REMARKS
P-01	WATER CLOSET (HDC)	1 1/4"	-	3"	2"	KOHLER "HIGHLIFT" K-4368; BENEKE 527SS SEAT; SLOAN ROYAL 111 FLUSH VALVE	NOTE: 2,3,4,5,6
P-02	WATER COOLER	1/2"	-	2"	2"	OASIS MODEL P8ACSL, PROVIDE ACCESSORY APRON PROVIDE STOP & TRAP, ALL STAINLESS STEEL FINISH	NOTE: 1,8
P-03	MOP BASIN	1/2"	1/2"	3"	2"	FIAT TSB-700 W/830-AA FAUCET, 832-AA HOSE BRACKET (INCLUDE SS RIM GUARD) & SEALANT	NOTE: 2,7,9,10,11

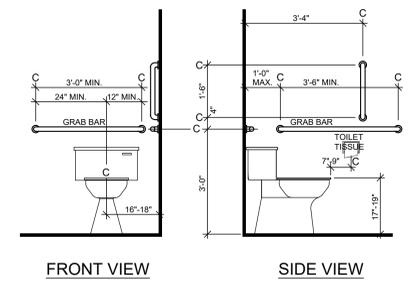
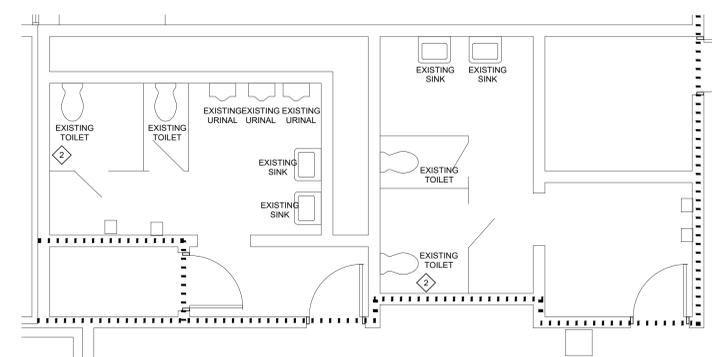
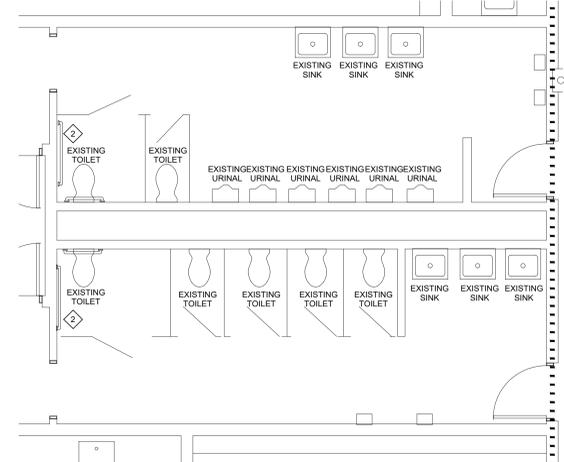
- PLUMBING NOTES:**
- 1) PROVIDE CARRIERS FOR ALL WALL MOUNTED FIXTURES.
  - 2) EQUAL CHINA FIXTURE BY AMERICAN STANDARD, ZURN & SOLAN.
  - 3) EQUAL TOILET SEAT BY AMERICAN STANDARD, ZURN & SOLAN.
  - 4) EQUAL FLUSH VALVES BY ZURN & TOTO.
  - 5) TOP OF FLUSH VALVE SHALL BE LOCATED MINIMUM 3" BELOW BOTTOM OF GRAB BAR. P.C. TO CUT OUTLET TUBE AS REQUIRED.
  - 6) FLUSH VALVE MECHANISM SHALL BE LOCATED OPPOSITE OF THE HAND RAIL, AS PER ADA REQUIREMENTS.
  - 7) EQUAL FAUCETS BY SIMONS, CHICAGO FAUCETS, DELTA, MOEN & AMERICAN STANDARD.
  - 8) EQUAL WATER COOLERS / DRINKING FOUNTAINS BY HALSEY TAYLOR, SUNROC, HAWS & ELKAY.
  - 9) EQUAL MOP BASINS BY SWANSTONE, E.L. MUSTEE.
  - 10) PROVIDE INTEGRAL CHECK STOPS AT ALL WALL FAUCETS.
  - 11) INSTALL LEGS UNDER MOP SINK TO BE HIGH ENOUGH FOR CONNECTION TO THE EXISTING SINK WASTE LINE (34" AFF MAX.).



**1 UNIT "A" - A111 MEN & A113 WOMEN ENLARGED TOILET PLANS**  
 A10.01 SCALE: 1/4" = 1'-0"

**2 UNIT "B" - B106 MEN & B108 WOMEN ENLARGED TOILET PLANS**  
 A10.01 SCALE: 1/4" = 1'-0"

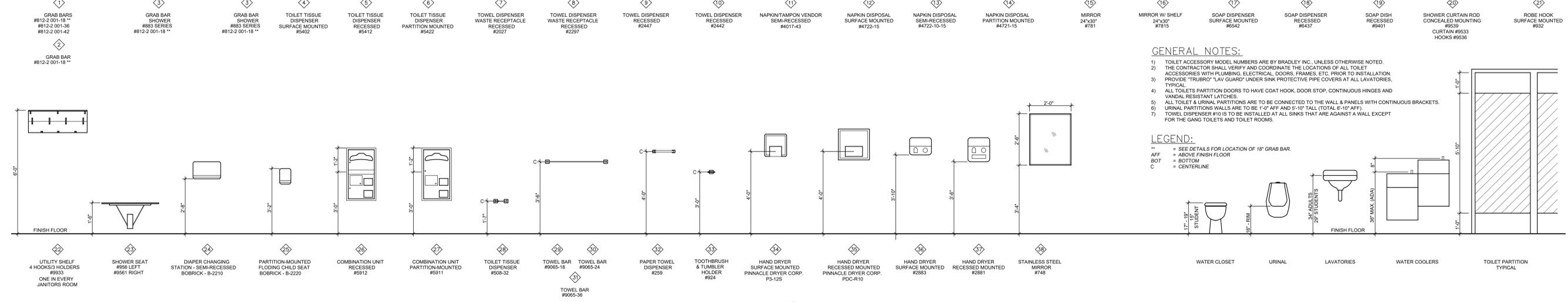
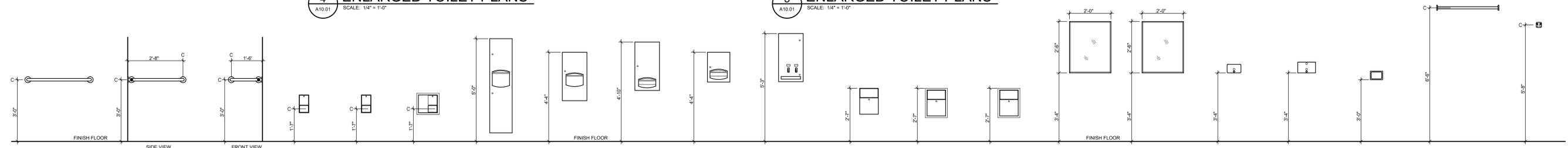
**3 UNIT "C" - C153 MEN & C152 WOMEN ENLARGED TOILET PLANS**  
 A10.01 SCALE: 1/4" = 1'-0"



**4 UNIT "C" - C117 MEN & C115 WOMEN ENLARGED TOILET PLANS**  
 A10.01 SCALE: 1/4" = 1'-0"

**5 UNIT "C" - C129 MEN & C131 WOMEN ENLARGED TOILET PLANS**  
 A10.01 SCALE: 1/4" = 1'-0"

**A 5'-0"x5'-0" HC TOILET DETAIL**  
 A10.01 SCALE: 1/2" = 1'-0" MIS\_410



**GENERAL NOTES:**

- 1) TOILET ACCESSORY MODEL NUMBERS ARE BY BRADLEY INC., UNLESS OTHERWISE NOTED.
- 2) THE CONTRACTOR SHALL VERIFY AND COORDINATE THE LOCATIONS OF ALL TOILET ACCESSORIES WITH PLUMBING, ELECTRICAL, DOORS, FRAMES, ETC. PRIOR TO INSTALLATION.
- 3) PROVIDE "TRUBRO" "LAV GUARD" UNDER SINK PROTECTIVE PIPE COVERS AT ALL LAVATORIES.
- 4) ALL TOILETS PARTITION DOORS TO HAVE COAT HOOK, DOOR STOP, CONTINUOUS HINGES AND VANDAL RESISTANT LATCHES.
- 5) ALL TOILET & URINAL PARTITIONS ARE TO BE CONNECTED TO THE WALL & PANELS WITH CONTINUOUS BRACKETS.
- 6) URINAL PARTITIONS WALLS ARE TO BE 1'-0" AFF AND 5'-10" TALL (TOTAL 6'-10" AFF).
- 7) TOWEL DISPENSER #110 IS TO BE INSTALLED AT ALL SINKS THAT ARE AGAINST A WALL EXCEPT FOR THE GANG TOILETS AND TOILET ROOMS.

**LEGEND:**

- \*\* = SEE DETAILS FOR LOCATION OF 18" GRAB BAR.
- APF = ABOVE FINISH FLOOR
- ROT = BOTTOM
- C = CENTERLINE

**B TOILET ACCESSORIES**  
 A10.01 SCALE: 1/2" = 1'-0"

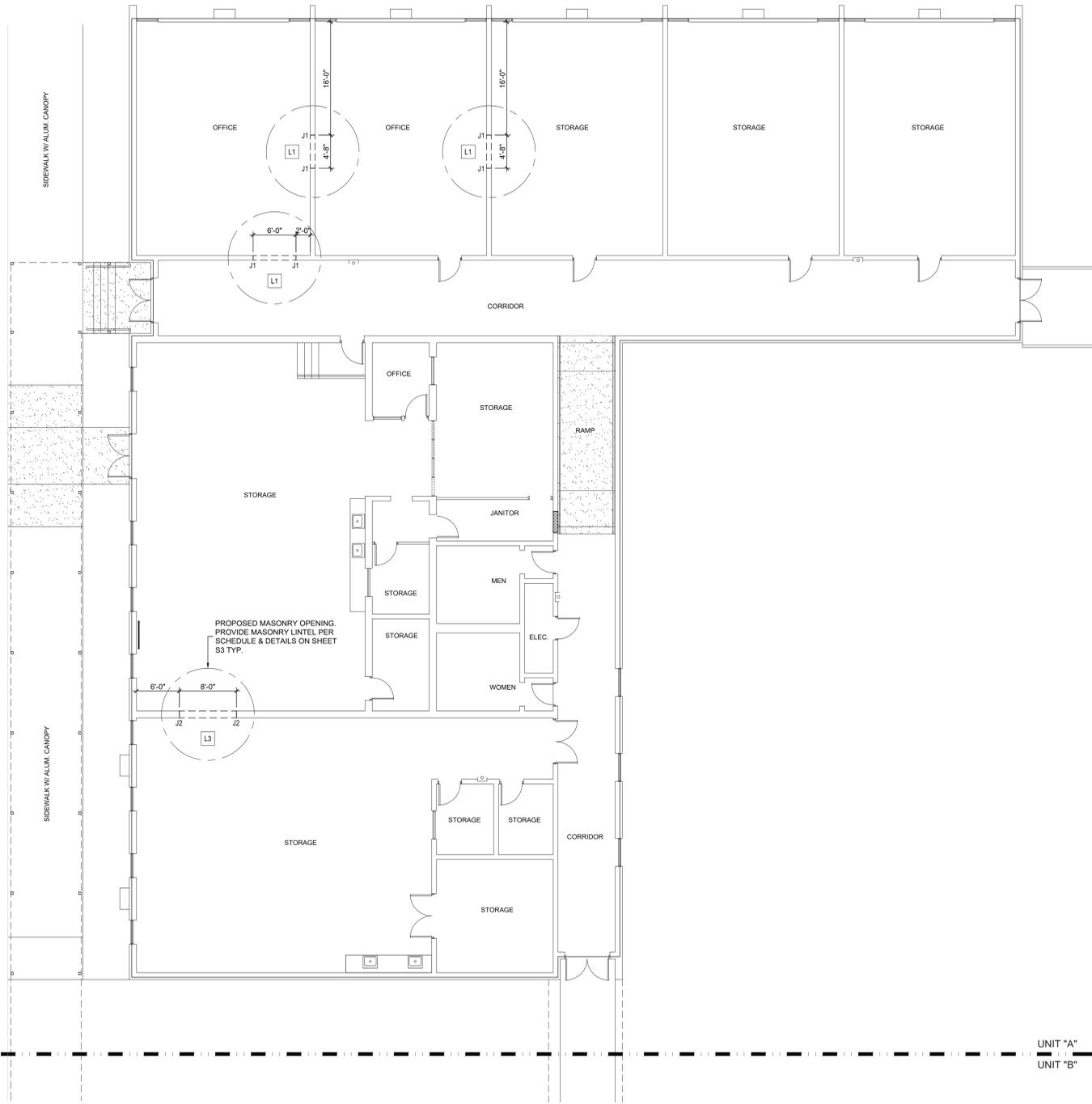
LOAD TABLE	
STRUCTURAL DESIGN BASED ON 2018 INTERNATIONAL BUILDING CODE WITH SOUTH CAROLINA MODIFICATIONS	
<b>LIVE LOADS:</b>	
1. FLOOR LOADS:	
A. LOBBIES & FIRST FLOOR CORRIDORS -	100 PSF
B. OFFICE FLOORS -	50 PSF
2. ROOF LOADS:	
A. ROOF LIVE LOAD -	20 PSF
<b>DEAD LOADS:</b>	
USE ACTUAL DEAD LOADS OF MATERIALS	
<b>WIND DESIGN DATA:</b>	
BASIC WIND SPEED (3-SECOND GUST) = 150 mph	
WIND IMPORTANCE FACTOR, $I_w = 1.00$	
RISK CATEGORY = II (UNITS A & B)	
WIND EXPOSURE = C	
INTERNAL PRESSURE COEFFICIENT = +1.0, 18	
<b>EARTHQUAKE DESIGN DATA:</b>	
RISK CATEGORY = II (UNITS A & B)	
SEISMIC IMPORTANCE FACTOR, $I_e = 1.00$	
MAPPED SPECTRAL RESPONSE ACCELERATIONS $S_D = 0.298$ & $S_1 = 0.11$	
SITE CLASS - D	
SPECTRAL RESPONSE COEFFICIENTS $S_{Dp1} = 0.31$ & $S_{Dp2} = 0.175$	
SEISMIC DESIGN CATEGORY - C	
BASIC SEISMIC-FORCE-RESISTING-SYSTEM - BEARING WALL SYSTEMS WITH INTERMEDIATE REINFORCED MASONRY SHEAR WALLS	
RESPONSE MODIFICATION FACTOR $R = 3.5$ (MASONRY SHEARWALLS)	
SEISMIC RESPONSE COEFFICIENT $C_s = 0.09$ (MASONRY SHEARWALLS)	
DESIGN BASE SHEAR = $C_s W$	
ANALYSIS PROCEDURE USED IS EQUIVALENT LATERAL FORCE	
<b>ROOF SNOW LOADS:</b>	
GROUND SNOW LOAD - $P_g = 10$ psf	
SNOW EXPOSURE FACTOR ( $C_e$ ) = 1.0	
SNOW LOAD IMPORTANCE FACTOR ( $I_s$ ) = 1.0	
THERMAL FACTOR ( $C_t$ ) = 1.0	

**GENERAL NOTES:**

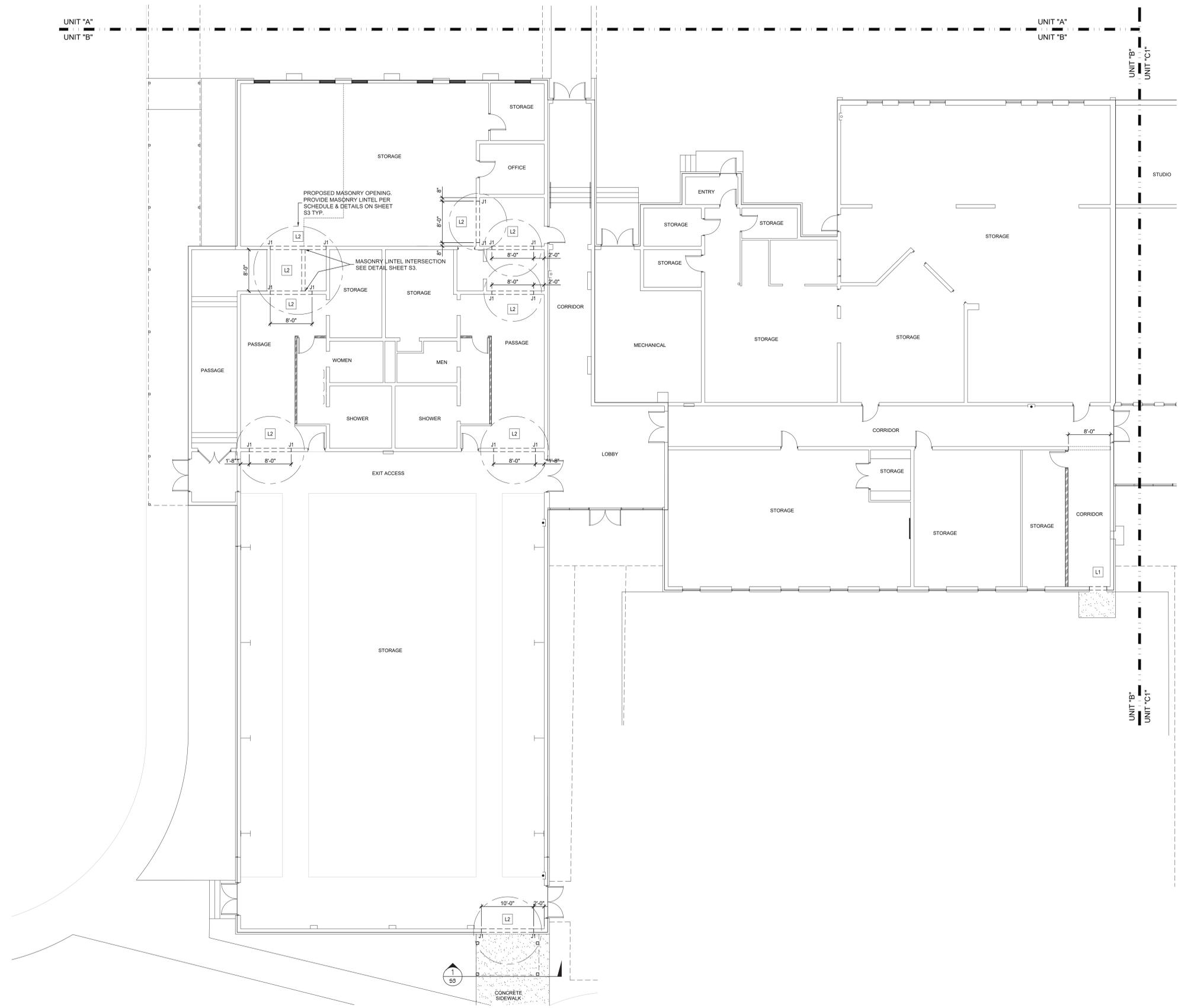
- CONSTRUCT THIS PROJECT IN ACCORDANCE WITH THE 2018 INTERNATIONAL BUILDING CODE WITH SOUTH CAROLINA MODIFICATIONS AND ALL OTHER APPLICABLE BUILDING CODES HAVING JURISDICTION.
- VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AT THE PROJECT SITE PRIOR TO STARTING WORK. NOTIFY THE ARCHITECT OF ANY DISCREPANCIES OR EXISTING CONDITIONS THAT ARE NOT CONSISTENT WITH THE DRAWINGS.
- COORDINATE ALL WORK WITH THE ARCHITECTURAL DRAWINGS, SPECIFICATIONS, AND DRAWINGS OF OTHER TRADES. NOTIFY THE ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES, INCONSISTENCIES OR CONFLICTS PRIOR TO STARTING FABRICATION OR CONSTRUCTION OF THE WORK.
- REFER TO ARCHITECTURAL, MECHANICAL, ELECTRICAL AND APPROVED SHOP DRAWINGS FOR SIZES AND LOCATIONS OF OPENINGS, INSERTS, SLEEVES, CHASES, SLAB DEPRESSIONS, EMBEDDED ITEMS, ATTACHMENT OF FINISHES, AND OTHER NON-STRUCTURAL ITEMS. REFER TO ELECTRICAL AND MECHANICAL PLANS FOR SIZE AND LOCATION OF ALL OPENINGS FOR DUCTS, PIPING, CONDUITS, ETC. NOT SHOWN. REFER TO ARCHITECTURAL DRAWINGS FOR WATERPROOFING, DAMP-PROOFING AND FIREPROOFING REQUIREMENTS AND DETAILS.
- SUBMIT SHOP DRAWINGS TO ARCHITECT FOR ALL STRUCTURAL COMPONENTS PRIOR TO FABRICATION. DO NOT REPRODUCE STRUCTURAL DRAWINGS FOR SHOP DRAWINGS OR ERECTION PLANS UNLESS APPROVED BY THE ARCHITECT. SHOP DRAWINGS SHALL BE REVIEWED AND APPROVED BY THE CONTRACTOR FOR ALL DIMENSIONS, ELEVATIONS AND ERECTION PROCEDURE PRIOR TO SUBMITTING TO THE ARCHITECT. PROVIDE AMPLE TIME FOR SHOP DRAWING REVIEW TO TAKE PLACE. REFER TO THE PROJECT SPECIFICATIONS FOR OTHER SUBMITTAL REQUIREMENTS.
- THE ENGINEER'S REVIEW OF SHOP DRAWINGS IS FOR OVERALL CONFORMANCE WITH THE DESIGN INTENT AND GENERAL COMPLIANCE WITH THE CONTRACT DOCUMENTS. THE ENGINEER'S APPROVAL OF SHOP DRAWINGS SHALL NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY FOR DEVIATIONS, ERRORS OR OMISSIONS FROM THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL REMAIN SOLELY RESPONSIBLE FOR COORDINATION OF DIMENSIONS, SIZES AND DETAILS IN THE SHOP DRAWINGS.
- IN CASE OF CONFLICT BETWEEN THE DRAWINGS AND SPECIFICATIONS, THE MORE STRINGENT REQUIREMENT SHALL GOVERN UNLESS OTHERWISE APPROVED BY THE ARCHITECT.
- MEANS, METHODS, TECHNIQUES, PROCEDURES, SEQUENCES OF CONSTRUCTION, JOBSITE SAFETY AND SUPERVISION OF THE WORK ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- PROVIDE AND INSTALL ALL TEMPORARY BRACING, SHORING, ETC. REQUIRED FOR SUPPORT AND STABILITY OF THE STRUCTURE UNTIL ALL STRUCTURAL WORK IS COMPLETE. THE DESIGN, ERECTION, INSTALLATION, ADEQUACY AND SAFETY OF TEMPORARY SUPPORT DURING CONSTRUCTION ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- DO NOT APPLY ANY CONSTRUCTION LOADS ON THE STRUCTURE THAT EXCEED THE SAFE LOAD CARRYING CAPACITY OF THE STRUCTURAL MEMBERS. NOTIFY STRUCTURAL ENGINEER AND ARCHITECT OF ANY UNUSUAL OR EXCESSIVE LOADS OCCURRING DURING CONSTRUCTION. DO NOT APPLY CONSTRUCTION LOADS UNTIL STRUCTURAL COMPONENTS ARE PROPERLY CONNECTED AND ALL NECESSARY TEMPORARY BRACING IS IN PLACE.
- WORK NOT INDICATED ON THE DRAWINGS BUT REASONABLY IMPLIED TO BE SIMILAR TO THAT AT SIMILAR LOCATIONS SHALL BE REPEATED. UNLESS NOTED OTHERWISE, ALL SECTIONS AND DETAILS SHOWN ON THESE DRAWINGS ARE TYPICAL AT SIMILAR LOCATIONS AND CONDITIONS.

**MASONRY:**

- ALL MASONRY WORK AND MATERIALS SHALL COMPLY WITH ACI 530, "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES" AND ACI 530.1, "SPECIFICATION FOR MASONRY STRUCTURES".
- CONCRETE MASONRY UNITS SHALL COMPLY WITH ASTM C-90 TYPE II GRADE N, LIGHT WEIGHT UNITS.
- CONCRETE MASONRY SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH ( $F_m$ ) OF 1500 PSI. MINIMUM NET AREA COMPRESSIVE STRENGTH OF CONCRETE MASONRY UNITS SHALL BE 2000 PSI.
- MORTAR FOR ALL REINFORCED MASONRY SHALL BE TYPE S PORTLAND CEMENT-LIME MORTAR CONFORMING TO ASTM C-270 AND C-150. MORTAR FOR UNREINFORCED MASONRY OR BRICK VENEER SHALL BE TYPE S PORTLAND CEMENT-LIME MORTAR OR TYPE S MASONRY CEMENT. ALL MASONRY SHALL BE LAID IN A FULL MORTAR BED.
- REINFORCED MASONRY SHALL HAVE GROUT CONFORMING TO ASTM C-476. THE GROUT SHALL HAVE A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 2500 PSI.
- ALL MASONRY SHALL BE LAID IN RUNNING BOND UNLESS NOTED OTHERWISE.
- MORTAR JOINTS SHALL BE 3/8" THICK TOOLED CONCAVE.
- FILL ALL REINFORCED CELLS SOLID WITH GROUT.
- JOINT REINFORCING SHALL BE GALVANIZED LADDER TYPE WITH NO. 9 LONGITUDINAL WIRES. LOCATE JOINT REINFORCING IN BED JOINTS AT 16" MINIMUM SPACING IN RUNNING BOND MASONRY. USE PREFORMED CORNER REINFORCEMENT AT ALL WALL CORNERS AND INTERSECTION.
- INSTALL SUFFICIENT REBAR PLACEMENT WALL TIES TO ENSURE THE PROPER PLACEMENT OF ALL HORIZONTAL AND VERTICAL REBAR.
- MASONRY REBAR LAP SPLICES SHALL BE:
  - #3 BARS = 18" LAP
  - #4 BARS = 24" LAP
  - #5 BARS = 30" LAP
- DO NOT INSTALL MASONRY WHEN THE AMBIENT TEMPERATURE IS BELOW 40 DEGREES FAHRENHEIT. DURING HOT CONDITIONS, (ABOVE 90 DEGREES) PRECAUTIONS SHALL BE TAKEN TO MINIMIZE EXCESS HEAT IN THE MASONRY UNITS. WATER AND MORTAR. IT IS ADVISED THAT THE CONTRACTOR FOLLOW THE RECOMMENDATIONS PRESCRIBED BY THE PORTLAND CEMENT ASSOCIATION FOR COLD OR HOT WEATHER CONSTRUCTION.



**UNIT "A" MASONRY LINTEL PLAN**  
 SCALE: 1/8 in. = 1 ft.



CONCRETE:

- ALL CONCRETE AND REBAR AND THEIR INSTALLATION SHALL COMPLY WITH THE STANDARDS OF ACI-318 AND ACI-301 LATEST EDITIONS.
- REINFORCING STEEL SHALL CONFORM TO ASTM A-615, GRADE 60, WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185.
- THE 28 DAY MINIMUM COMPRESSIVE STRENGTH OF CONCRETE SHALL BE AS FOLLOWS:

FOOTINGS:	3000 PSI	NORMAL WEIGHT
SLAB ON GRADE:	3000 PSI	NORMAL WEIGHT

CONCRETE MIXES SHALL BE DESIGNED IN ACCORDANCE WITH ACI 301 AND THE FOLLOWING:

MAX W/C RATIO	SLUMP
4000 PSI 0.47	3" TO 5"
3000 PSI 0.53	3" TO 5"
2500 PSI 0.65	3" TO 6"

CONCRETE SHALL BE READY MIXED IN ACCORDANCE WITH ASTM C-94. SUBMIT CONCRETE MIX DESIGNS TO THE ENGINEER FOR APPROVAL.

REINFORCING STEEL LAP SPLICES SHALL BE

- #3: 18" LAP
- #4: 24" LAP
- #5: 30" LAP

CONCRETE DENSITIES SHALL BE AS FOLLOWS:

NORMAL WEIGHT CONCRETE: 145 PCF  
 LIGHT WEIGHT CONCRETE: 90 PCF TO 110 PCF

PROVIDE 5% AIR ENTRAINMENT FOR ALL CONCRETE EXPOSED TO WEATHER OR EXTERIOR CONDITIONS, UNLESS NOTED OTHERWISE.

NO WATER SHALL BE ADDED TO THE CONCRETE AT THE SITE UNLESS APPROVED BY THE ARCHITECT OR STRUCTURAL ENGINEER.

REINFORCEMENT SHALL BE ADEQUATELY SUPPORTED AND TIED IN PLACE PRIOR TO CONCRETE PLACEMENT. PROVIDE STANDS, CHAIRS, BOLSTERS, CARRYING BARS OR ADDITIONAL BARS AS MAY BE NECESSARY TO ADEQUATELY SUPPORT THE REINFORCEMENT IN ITS PROPER POSITION.

SUPPORT ALL SLAB REINFORCEMENT ON CONTINUOUS CHAIRS. REINFORCEMENT FOR SLABS ON GRADE MAY BE SUPPORTED ON CONCRETE BRICK.

REINFORCING STEEL SHALL HAVE A MINIMUM CONCRETE COVER AS FOLLOWS:

CONCRETE CAST AGAINST EARTH: 3"  
 CONCRETE EXPOSED TO EARTH OR WEATHER:

- #5 BARS OR SMALLER: 1 1/2"
- #6 BARS AND LARGER: 2"

LAP WELDED WIRE FABRIC A MINIMUM OF 9".

ALL REINFORCEMENT SHALL BE CONTINUOUS THROUGH CONSTRUCTION JOINTS UNLESS NOTED OTHERWISE.

IN HOT WEATHER, PLACE CONCRETE IN ACCORDANCE WITH THE PROVISIONS OF ACI 305. IN COLD WEATHER, PLACE CONCRETE ACCORDING TO ACI 306.

FINISH CONCRETE SURFACES WITH ACI 301. REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL CONCRETE FINISHING REQUIREMENTS.

SAW CUT CONTROL JOINTS IN SLABS AS SOON AS PRACTICAL AFTER PLACING SLABS.

PROVIDE CONTROL JOINTS IN SLABS ON GROUND SUCH THAT AREAS BETWEEN JOINTS ARE LIMITED TO 500 SQUARE FEET AND THE LENGTH TO WIDTH RATIO DOES NOT EXCEED 2:1.

SPECIAL INSPECTIONS:

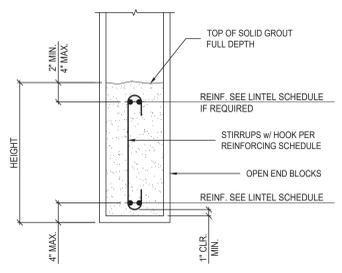
SPECIAL INSPECTIONS SHALL CONFORM TO SECTIONS 1704 AND 1705 OF THE 2015 INTERNATIONAL BUILDING CODE AND ANY LOCAL AMENDMENTS. SPECIAL INSPECTIONS SHALL BE CARRIED OUT ACCORDING TO THE "STATEMENT OF SPECIAL INSPECTIONS". LABORATORIES FOR MATERIAL TESTING AND/OR AGENCIES FOR TESTING SERVICES SHALL BE SELECTED BY, ENGAGED BY, AND RESPONSIBLE TO THE ARCHITECT. THE SPECIAL INSPECTOR SHALL FURNISH INSPECTION REPORTS FOR EACH INSPECTION TO THE BUILDING OFFICIAL, PROJECT REPRESENTATIVE, CONTRACTOR, AND OWNER. THE SPECIAL INSPECTION AGENCY SHALL SUBMIT A FINAL REPORT INDICATING THE WORK REQUIRING SPECIAL INSPECTION WAS INSPECTED AND IS IN CONFORMANCE WITH THE APPROVED CONSTRUCTION DOCUMENTS AND THAT ALL DISCREPANCIES NOTED IN THE INSPECTION REPORTS HAVE BEEN CORRECTED.

THE FOLLOWING ITEMS REQUIRE SPECIAL INSPECTION PER IBC CHAPTER 17. THESE INSPECTIONS SHALL BE PERFORMED BY A SPECIAL INSPECTOR. SEE STATEMENT OF SPECIAL INSPECTION FOR COMPLETE REQUIREMENTS.

ITEM	DESCRIPTION
<b>MASONRY CONSTRUCTION</b>	
VERIFY COMPLIANCE WITH THE APPROVED SUBMITTALS	FREQUENCY: PERIODIC REFERENCE: ACI 530 TABLE 1.19.2
AS MASONRY CONSTRUCTION BEGINS, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE:	FREQUENCY: PERIODIC REFERENCE: ACI 530 TABLE 1.19.2
A. PROPORTIONS OF SITE-PREPARED MORTAR B. CONSTRUCTION OF MORTAR JOINTS C. LOCATION OF REINFORCEMENT	FREQUENCY: PERIODIC REFERENCE: ACI 530 TABLE 1.19.2
PRIOR TO GROUTING, VERIFY THAT THE FOLLOWING ARE IN COMPLIANCE:	FREQUENCY: PERIODIC REFERENCE: ACI 530 TABLE 1.19.2
A. GROUT SPACE B. GRADE, TYPE AND SIZE OF REINFORCEMENT AND ANCHOR BOLTS C. PLACEMENT OF REINFORCEMENT D. PROPORTIONS OF SITE-PREPARED GROUT E. CONSTRUCTION OF MORTAR JOINTS	FREQUENCY: PERIODIC REFERENCE: ACI 530 TABLE 1.19.2
VERIFY DURING CONSTRUCTION	FREQUENCY: PERIODIC REFERENCE: ACI 530 TABLE 1.19.2
A. SIZE AND LOCATION OF STRUCTURAL B. TYPE, SIZE, AND LOCATION OF ANCHORS, INCLUDING OTHER DETAILS OF ANCHORAGE OF MASONRY TO STRUCTURAL MEMBERS, FRAMES, OR OTHER CONSTRUCTION C. PREPARATION, CONSTRUCTION, AND PROTECTION OF MASONRY DURING COLD WEATHER (TEMPERATURE BELOW 40° F) OR HOT WEATHER (TEMPERATURE ABOVE 90° F).	FREQUENCY: PERIODIC REFERENCE: ACI 530 TABLE 1.19.2
OBSERVE PREPARATION OF GROUT SPECIMENS, MORTAR SPECIMENS AND/OR PRISMS	FREQUENCY: PERIODIC REFERENCE: ACI 530 TABLE 1.19.2

UNIT "B" MASONRY LINTEL PLAN  
 SCALE: 1/8 in. = 1 ft.

MASONRY LINTEL SCHEDULE



MARK	HEIGHT	WALL WIDTH	REINFORCING	REMARKS
L1	16"	8"	(1) #5 TOP & BOTTOM CONT.	STIRRUPS NOT REQUIRED
L2	16"	8"	(2) #5 CONT. TOP & BOTTOM & #3 STIRRUPS @ 16" O.C.	
L3	16"	12"	(2) #5 CONT. TOP & BOTTOM & #3 STIRRUPS @ 16" O.C.	

NOTES:  
 [L1] DENOTES LINTEL DESIGNATION ON PLAN  
 1. COORDINATE W/ ARCH. DWG.'s FOR BOTTOM OF LINTEL ELEVATION, SIZE & LOCATION OF OPENINGS  
 2. VERTICAL REINF. TO MATCH AND LAP WALL REINF. PER GENERAL STRUCTURAL NOTES  
 3. EXTEND GROUT, OPEN END MASONRY UNITS AND REINF. 8" PAST JAMB

MASONRY JAMB SCHEDULE

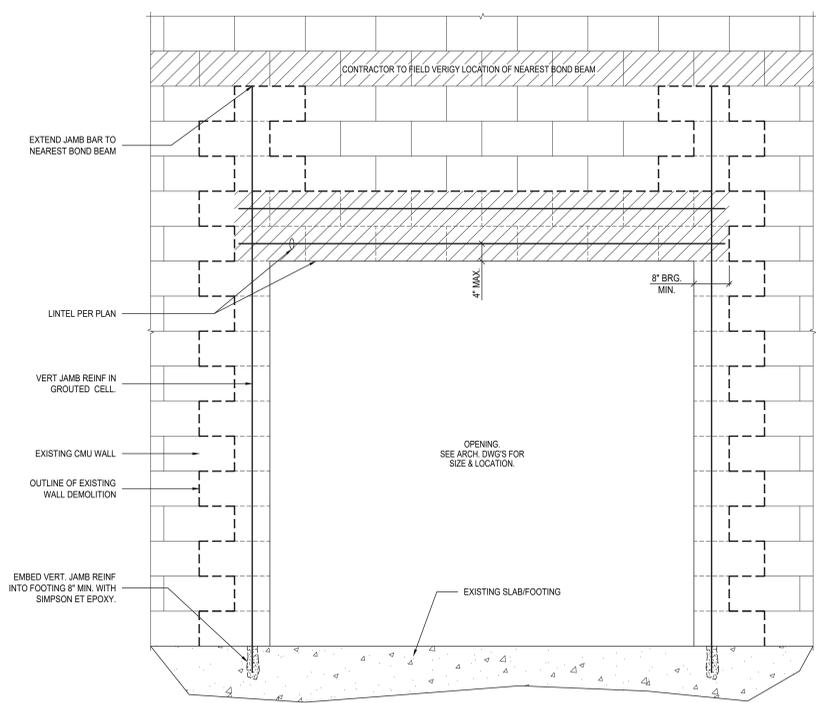
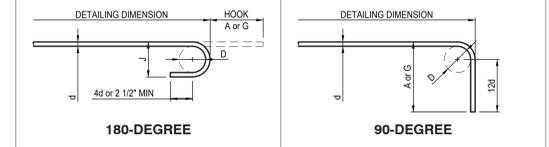
MARK	MIN WIDTH	REINFORCING	REMARKS	SCHEMATIC
J1	8"	(1) #5 VERTICAL EACH FACE TOTAL - (2) #5 VERTICAL	REINF. CLEARANCE PER DETAIL	
J2	8"	(1) #5 VERTICAL EACH FACE TOTAL - (1) #5 VERTICAL	REINF. CLEARANCE PER DETAIL	

NOTES:  
 1. ALL JAMB REINF. EXTENDS FROM FOUNDATION TO TOP OF WALL  
 2. USE (1) #4 BAR EACH FACE IN CELLS ADJACENT TO WALL OPENINGS UNLESS NOTED OTHERWISE

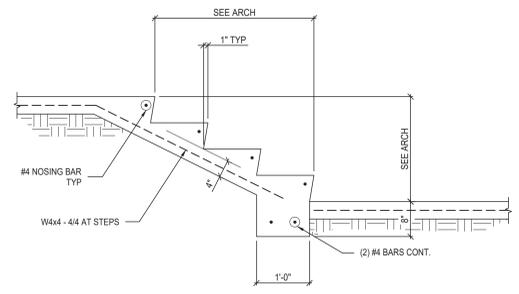
RECOMMENDED END HOOKS  
 (ALL GRADES, D = FINISHED BEND DIAMETERS)

BAR SIZE, No	D, 1/4 in	180-DEGREE HOOK		90-DEGREE HOOK
		A or G, 8 in	J, 8 in	A or G, 8 in
3	2 1/4	5	3	6
4	3	6	4	8
5	3 3/4	7	5	10
6	4 1/2	8	6	1-0
7	5 1/4	10	7	1-2
8	6	11	8	1-4
9	9 1/2	1-3	11 3/4	1-7
10	10 3/4	1-5	1-1 1/4	1-10
11	12	1-7	1-2 3/4	2-0
14	18 1/4	2-3	1-9 3/4	2-7
18	24	3-0	2-4 1/2	3-5

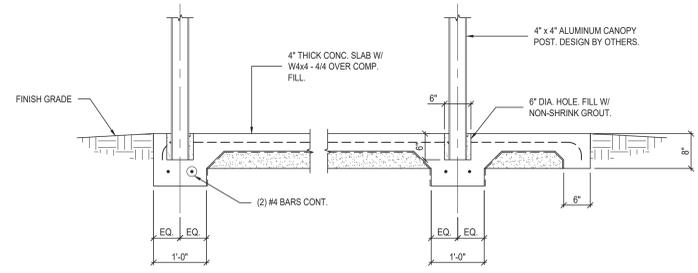
\* FINISHED BEND DIAMETERS INCLUDE "SPRING BACK" EFFECT WHEN BARS STRAIGHTEN OUT AFTER BEING BENT AND ARE SLIGHTLY LARGER THAN MINIMUM BEND DIAMETERS IN ACI 318 7.2



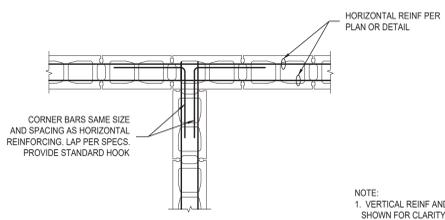
TYPICAL OPENING AT MASONRY WALL  
 N.T.S.



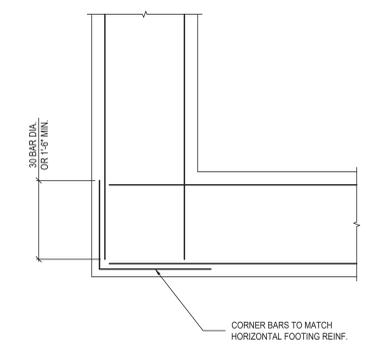
TYP. STAIRS ON GRADE DETAIL  
 SCALE: 3/4"=1'-0"



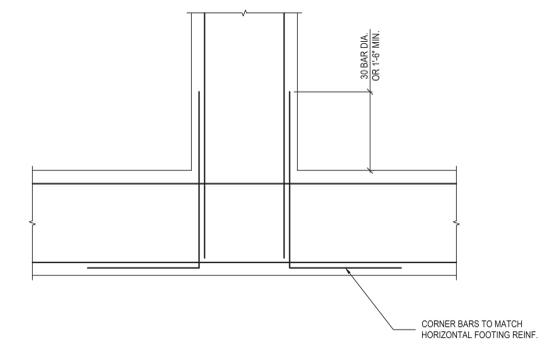
SECTION 1  
 SCALE: 3/4"=1'-0" S3



TYPICAL MASONRY LINTEL REINFORCEMENT AT INTERSECTION  
 SCALE: 3/4"=1'-0"



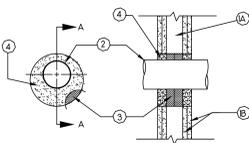
TYP. FOOTING CORNER REINF.  
 SCALE: 3/4"=1'-0"



TYP. FOOTING INTERSECTION REINF.  
 SCALE: 3/4"=1'-0"

**SYSTEM NO. WJ041**

F Rating - 2 Hr.  
 T Rating - 0 Hr.



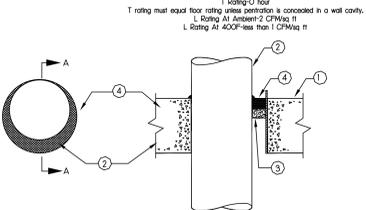
- Wall Assembly** - The fire-rated gypsum wallboard/stud wall assembly shall be constructed of the materials and in the manner specified in the individual LS00 or LA00 Series Wall and Partition Details in the U.L. Fire Resistance Directory and shall include the following construction listed:
  - Studs** - Wall framing may consist of either wood studs or steel channel studs. Wood studs to consist of nom 2 by 4 in. lumber spaced max 16 in. OC. Steel studs to be 8 min 2x12 in wide and spaced 24 in. OC.
  - Wallboard, Gypsum** - Two layers of nom 5/8 in. thick gypsum wallboard, as specified in the individual Wall and Partition Details. Max diam of opening not to exceed 7 in.
  - Through Penetrants** - One metallic pipe or conduit to be installed concentrically or eccentrically within the firestop system. The annular space shall be min 1/4 in. to max 2x12 in. pipe or conduit to be rigidly supported on both sides of floor or wall assembly. The following types and sizes of metallic pipes or conduits may be used:
    - Steel Pipe** - Nom 4 in. diam (or smaller) Schedule 5 (or heavier) steel pipe.
    - Conduit** - Nom 4 in. diam (or smaller) electrical metallic tubing or steel conduit.
    - Copper Tubing** - Nom 3 in. diam (or smaller) Type M (or heavier) copper tubing.
  - Packing Material** - Min 3/16 in. thickness of min 0.5 pct fibreglass insulation firmly packed into opening as a permanent form. The packing material shall be sized to be at least 1/2 in. larger from the opening job, centered in the wide end-depth and compressed so that it is recessed a min. of 1/16 in. from each surface of wall.
- Fill Void or Cavity Material** - Dry mix material mixed with water at a rate of 100 grams of dry mix per 48 to 50 ml of water or a 48000 to 50000 ratio by weight of water to dry mix, in accordance with the accompanying installation instructions. Material applied to each surface of the packing material within the annulus between the penetrating item and periphery of opening to a min. depth of 1/16 in. Material shall be troweled flush with both surfaces of wall assembly.

Gold Bond Building Products, National Gypsum Div. - Type Sto-Smooth FS.  
 \*\* Bearing the U.L. Classification Marking.

**FLOOR OR WALL ASSEMBLY**  
 1-2-3 HR UL PENETRATION (STEEL CONDUIT)

**SYSTEM NO. CAJ044**

F Rating- 2, 3 and 4 Hour (See Items 2A and 4)  
 T Rating- 0 Hour



- FLOOR OR WALL ASSEMBLY** - Lightweight or normal weight (100-150 pcf) concrete. Except as noted in table under Item 4, min thickness of solid concrete floor or wall assembly is 4" (2" in. Floor may also be constructed of any min. 6 in. thick U.L. Classified hollow core PRECAST CONCRETE UNIT. When floor is constructed of hollow core precast concrete units, packing material (Item 3) and caulk (Item 4) to be installed symmetrically on both sides of floor, flush with floor surface. Wall assembly may also be constructed of any U.L. Classified CONCRETE BLOCK. Max diam of opening in wall lightweight or normal weight concrete. Floor is 32 in. Max diam of opening in floor constructed of hollow-core precast concrete with is 7 in. See CONCRETE BLOCKS (CAZT) and PRECAST CONCRETE UNITS (CFTU) categories in the Fire Resistance Directory for names of manufacturers.
- STEEL SLEEVE** - (Optional, not shown) Max 6 in. ID (or smaller) Schedule 10 (or heavier) steel sleeve cast or grouted into floor or wall assembly. Sleeve may extend a max. of 2 in. above top of floor or beyond other surface of wall. Max 6 in. ID (or smaller) min. 0.028 wall thickness (or heavier) galvanized steel sleeve cast or grouted into floor or wall assembly. Sleeve may extend a max. of 1/2 in. beyond other surface of floor or wall.
- THROUGH PENETRANTS** - One metallic pipe, conduit or tubing to be installed either concentrically or eccentrically within the firestop system. Max annular space between pipe, conduit or tubing and edge of through opening, or sleeve is dependent on the parameters shown in Item 4. Min annular space between pipe or conduit and edge of through opening is min. 1/4 in. (rigid conduit). Pipe, conduit or tubing to be rigidly supported on both sides of floor or wall assembly. The following types and sizes of metallic pipes, conduits or tubing may be used:
  - STEEL PIPE** - Nom 3/4 in. diam (or smaller) Schedule 10 (or heavier) steel pipe.
  - STEEL PIPE** - Nom 3/4 in. diam (or smaller) cast or ductile iron pipe.
  - CONDUIT** - Nom 6 in. diam (or smaller) rigid steel conduit.
  - CONDUIT** - Nom 4 in. diam (or smaller) electrical metallic tubing.
  - COPPER TUBING** - Nom 6 in. diam (or smaller) Type L (or heavier) copper tubing.
  - COPPER TUBING** - Nom 6 in. diam (or smaller) Type M (or heavier) copper tubing.
- PACKING MATERIAL** - Polyethylene boomer mat or nom 1 in. thickness of tightly-packed mineral wool batt or glass fiber insulation firmly packed into opening as a permanent form. Packing material to be recessed from top surface of floor or from both surfaces of wall as required to accommodate the required thickness of caulk in Item 4.
- FILL VOID OR CAVITY MATERIAL** - CAULK - Applied to fill the annular space flush with top surface of floor. In wall assemblies, required caulk thickness to be installed symmetrically on both sides of wall, flush with wall surface. All joint contact location between penetrant and sleeve or between penetrant and concrete, or min 1/4 in. diam head of caulk shall be applied to the top surface of floor and of both surfaces of wall. The hourly F Rating and the min required caulk thickness are dependent upon a number of parameters, as shown in the following table:

Min Pipe Or Wall Thick, in	Min Pipe Tube Or Conduit Thick, in	Max Annular Space, in	Min Caulk Thick, in	F Rating, Hr
2-1/2	2-1/2	1/2	1/2	2
2-1/2	1-1/2	1-1/4	1	2
4-1/2	1-1/2	1-3/4	1/4 (1)	2
4-1/2	1-1/2	1-1/4	1/2	3
4-1/2	1-1/2	1-1/4	1	3
4-1/2	1-1/2	1-1/4	1	3
4-1/2	1-1/2	1-1/4	2	3
4-1/2	1-1/2	1-3/8	1/2	3
4-1/2	1-1/2	1-3/8	1/2	4

(1) Min 2 in thickness of mineral wool batt insulation required in annular space.  
 (2) Min 1 in. thickness of material used to be installed symmetrically on both sides of floor or wall assembly. Min 1 in. thickness of caulk to be installed flush with each surface of floor or wall assembly.  
 \*\*Bearing the U.L. Classification Marking

**FLOOR OR WALL ASSEMBLY**  
 1-2-3 HR UL PENETRATION (STEEL CONDUIT)

**UL PENETRATING PROCEDURE DETAILS**  
 T/F - F

**ELECTRICAL NOTES:**

- ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE MOST RECENT ADOPTED NFPA, NATIONAL ELECTRIC CODE, AND LOCAL CODES.
- ALL MATERIALS, DEVICES, APPLIANCES, AND EQUIPMENT SHALL BE NEW AND LABEL LISTED BY AN APPROVED THIRD PARTY TESTING AGENCY APPROVED BY THIS STATE.
- ALL WIRING SHALL BE COPPER SINGLE CONDUCTORS, UNLESS OTHERWISE NOTED ON PLANS. MINIMUM WIRE SIZE IS #12 AWG. CONDUCTORS #8 AND LARGER SHALL BE TYPE THHN OR THWN STRANDED, #12 THRU #10 SHALL BE THWN SOLID. WIRE TO LIGHT FIXTURES SHALL BE AS REQUIRED BY U.L. LABEL. COLOR CODE CONDUCTORS, UNLESS OTHERWISE NOTED.
- CONDUITS SHALL BE STEEL INDOOR & OUTDOOR, SCHEDULE 40 PVC SHALL BE ALLOWED ONLY BELOW FLOOR SLAB OR GRADE. EMT SHALL BE USED FOR SIZES 1/2" THROUGH 3 1/2".
- ELECTRICAL CONTRACTOR SHALL GUARANTEE ALL WORK AND MATERIALS FOR ONE YEAR EFFECTIVE THE DAY THE PROJECT IS ACCEPTED BY THE OWNER.
- THE ELECTRICAL CONTRACTOR SHALL VISIT THE JOBSITE PRIOR TO SUBMISSION OF BID TO FAMILIARIZE HIMSELF WITH THE CONDITIONS UNDER WHICH THE WORK WILL BE PERFORMED AND THE EXTENT OF WORK REQUIRED, INCLUDE ALL COST IN BID PRICE.
- SUPPORT ALL CONDUITS WITH STRAPS AND CLAMPS, RUN ALL CONDUIT PARALLEL OR PERPENDICULAR TO BUILDINGS.
- ELECTRICAL DEMOLITION, RELOCATION OF EXISTING EQUIPMENT, CUTTING AND PATCHING REQUIRED FOR THE INSTALLATION OF THIS NEW WORK IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR. THE EXTENT OF THE WORK REQUIRED SHALL BE DETERMINED DURING THE PREBID JOBSITE VISIT.
- ALL SALVAGEABLE MATERIALS RESULTING FROM DEMOLITION SHALL REMAIN THE PROPERTY OF THE OWNER. THE OWNER SHALL DETERMINE WHAT IS SALVAGEABLE.
- ALL ELECTRICAL SYSTEMS AND EQUIPMENT SHALL COMPLY WITH ARTICLE 903 OF THE INTERNATIONAL BUILDING CODE.
- PROVIDE MIN. 2" HORIZONTAL SEPARATION BETWEEN BOXES INSTALLED IN OPPOSITE SIDES OF A SAME WALL AS INDICATED IN N.E.C. 300.21.
- ALL TERMINATIONS ON PANELS SHALL HAVE DUAL RATED 60°C/75°C LUGS.
- PROVIDE ADDITIONAL FIRE ALARM DEVICES AS DIRECTED BY THE FIRE MARSHALL AT NO ADDITIONAL COST TO OWNER.
- ALL EGRESS LIGHTING SHALL COMPLY WITH S.C. BUILDING CODE. THE ELECTRICAL CONTRACTOR SHALL VERIFY THIS IN THE FIELD AND ADD ADDITIONAL EMERGENCY LIGHTS IF REQUIRED.
- NO OPEN FLAME DEVICES SHALL BE UTILIZED TO BEND PVC CONDUIT. ALL HEATING DEVICES MUST BE ENCLOSED FLAME (HEAT GUN OR HEAT ROLLER, NO TORCHES). ALL HEATING METHODS MUST BE APPROVED BY ELECTRICAL ENGINEER PRIOR TO INSTALLATION. ANY CONDUIT THAT HAS BEEN HEATED TO WHERE PVC IS DAMAGED OR DISCOLORED SHALL BE REMOVED AND REPLACED AT NO ADDITIONAL COST.
- ALL BALLASTS IN FLUORESCENT LIGHT FIXTURES THAT ARE CONTROLLED BY OCCUPANCY SENSORS ARE TO BE PROGRAM START BALLASTS.
- AS PER N.E.C. 230.95 (C), THE PERFORMANCE TEST FOR GFIPE SHALL BE PROVIDED FOR AUTHORITY HAVING JURISDICTION, A4H, AT THE TIME OF INSPECTION.
- ALL ELECTRICAL EQUIPMENT ABOVE CEILINGS TO MEET REQUIREMENTS OF NEC 110.26 RELATIVE TO CLEARANCES, EXACT PLACEMENT OF ELECTRICAL EQUIPMENT TO BE FIELD VERIFIED AND RELOCATED IF NEEDED BASED ON LOCATION SHOWN ON PLANS.
- EXPANSION COUPLINGS SHALL BE USED ON ALL RACEWAYS THAT PASS THROUGH EXPANSION JOINTS OF THE BUILDING. COORDINATE THESE LOCATIONS WITH THE ARCHITECTURAL AND STRUCTURAL DRAWINGS.
- ALL EXTERIOR EMERGENCY LIGHTS SHALL BE FIELD LOCATED TO ALLOW FOR LIGHT LUMENS TO BE AT EXTERIOR DOOR. COORDINATE EXACT PLACEMENT IN FIELD TO ELIMINATE ANY INTERFERENCE FROM WALLS OR CANOPIES.
- ANY ELECTRICAL DEVICE (RECEPTACLE, LIGHT SWITCH, FIRE ALARM DEVICE, CONDUIT, LIGHT, ETC.) INSTALLED IN A WALL THAT IS TO BE REMOVED SHALL BE REMOVED OR RELOCATED WHETHER INDICATED ON PLANS OR NOT. IF ITEM IS REMOVED, CIRCUIT MUST BE MADE CONTINUOUS.

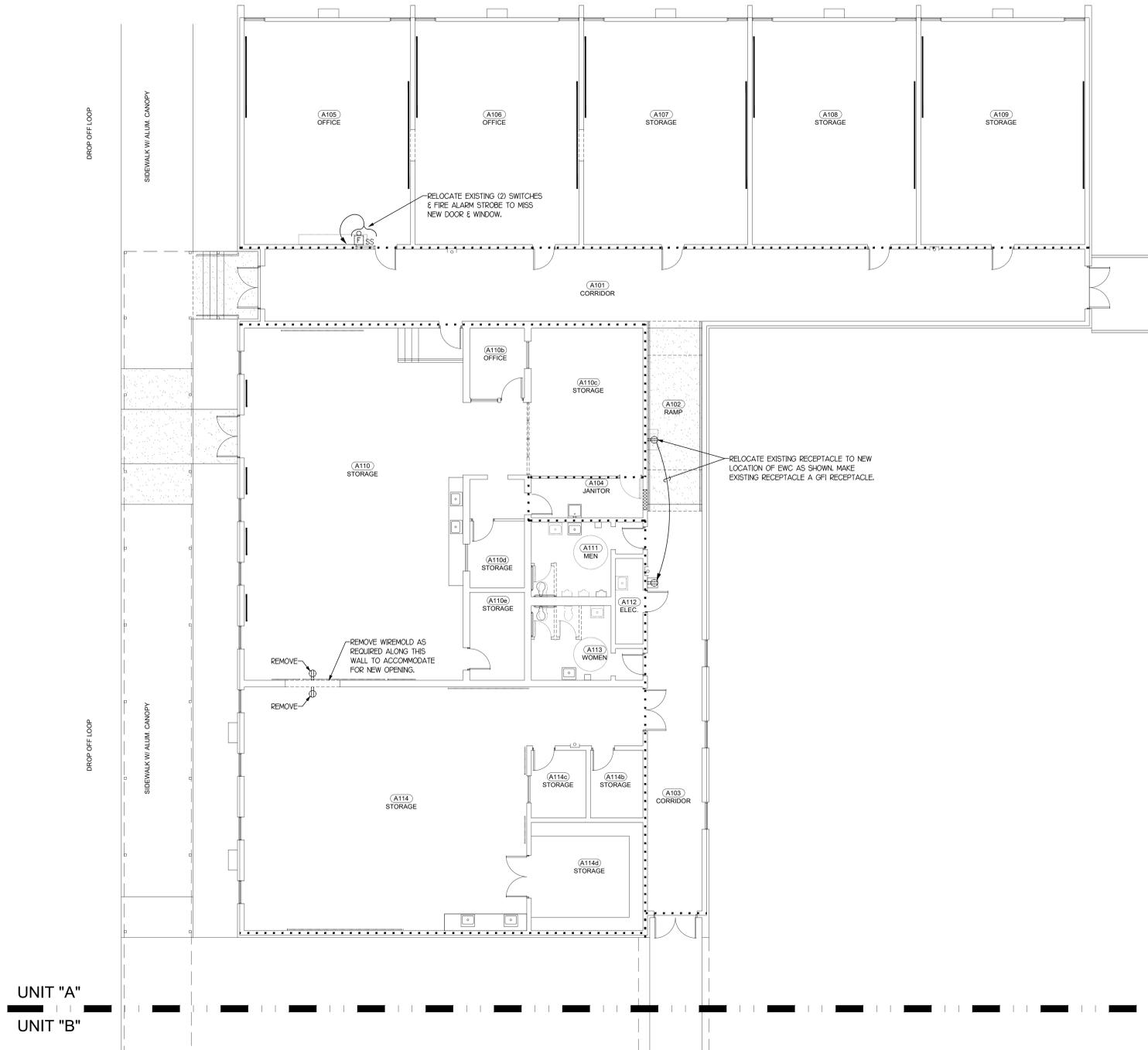
**SYMBOL SCHEDULE**

	NEW CONDUIT AND WIRE.
	EXISTING SWITCH TO BE RELOCATED.
	EXISTING RECEPTACLE TO BE RELOCATED OR REMOVED. SEE PLANS.
	NEW FIRE ALARM STROBE. 90° LP. CONNECT TO EXISTING FIRE ALARM SYSTEM.
	EXISTING FIRE ALARM STROBE TO BE RELOCATED. SEE PLANS.
	EXISTING EXIT SIGN TO REMAIN OR REMOVED. SEE PLANS.
	LITHONIA: LOM-S-W-120/277-EL N-SD. LED EXIT SIGN WITH BATTERY BACKUP. WHITE. PROVIDE MOUNTING, FACES, & ARROWS AS SHOWN ON PLANS. LETTER COLOR TO MATCH EXISTING EXIT SIGNS. 120/277V.
	LITHONIA: ELM6-LV0L1-LTP-SDBT-RTKIT. LED INTERIOR EMERGENCY UNIT WITH BATTERY BACKUP. WHITE. 120/277V.
	LITHONIA: AFF-OEL-DNAXD-LV0L1-LTP-SDBT-FCT-CW-RTKIT. LED EXTERIOR EMERGENCY UNIT WITH BATTERY BACKUP. NATURAL ALUMINUM. 120/277V.
	EXISTING 2x4 LIGHTING FIXTURE TO REMAIN. RELAMP.
	LEVITON ODS10-IDG OCCUPANCY SENSOR SWITCH 48" TO CENTER LINE. COLOR AND PLATE TO MATCH EXISTING.
	LEVITON OPB6-DW POWERBASE & LEVITON OSC20-NOW OCCUPANCY SENSOR. MOUNT ON CEILING. SET OFF TIMER AT 5 MINUTES. MINIMUM OF 6" FROM AIR VENT AND 4" FROM LIGHT FIXTURE.

FOR LIGHT FIXTURE TYPES XA, XB, & XC, CONNECT FIXTURE HOT AHEAD OF SWITCHES TO THE CIRCUIT THAT FEEDS LIGHTS IN SAME AREA THAT LIGHT FIXTURE TYPES XA, XB, & XC ARE LOCATED IN.

NO LOAD IS ADDED TO THIS PROJECT.

Area "A"  
 11,750 sf



1 RECORDS UNIT "A" FLOOR PLAN  
 SCALE: 1/8" = 1'-0"

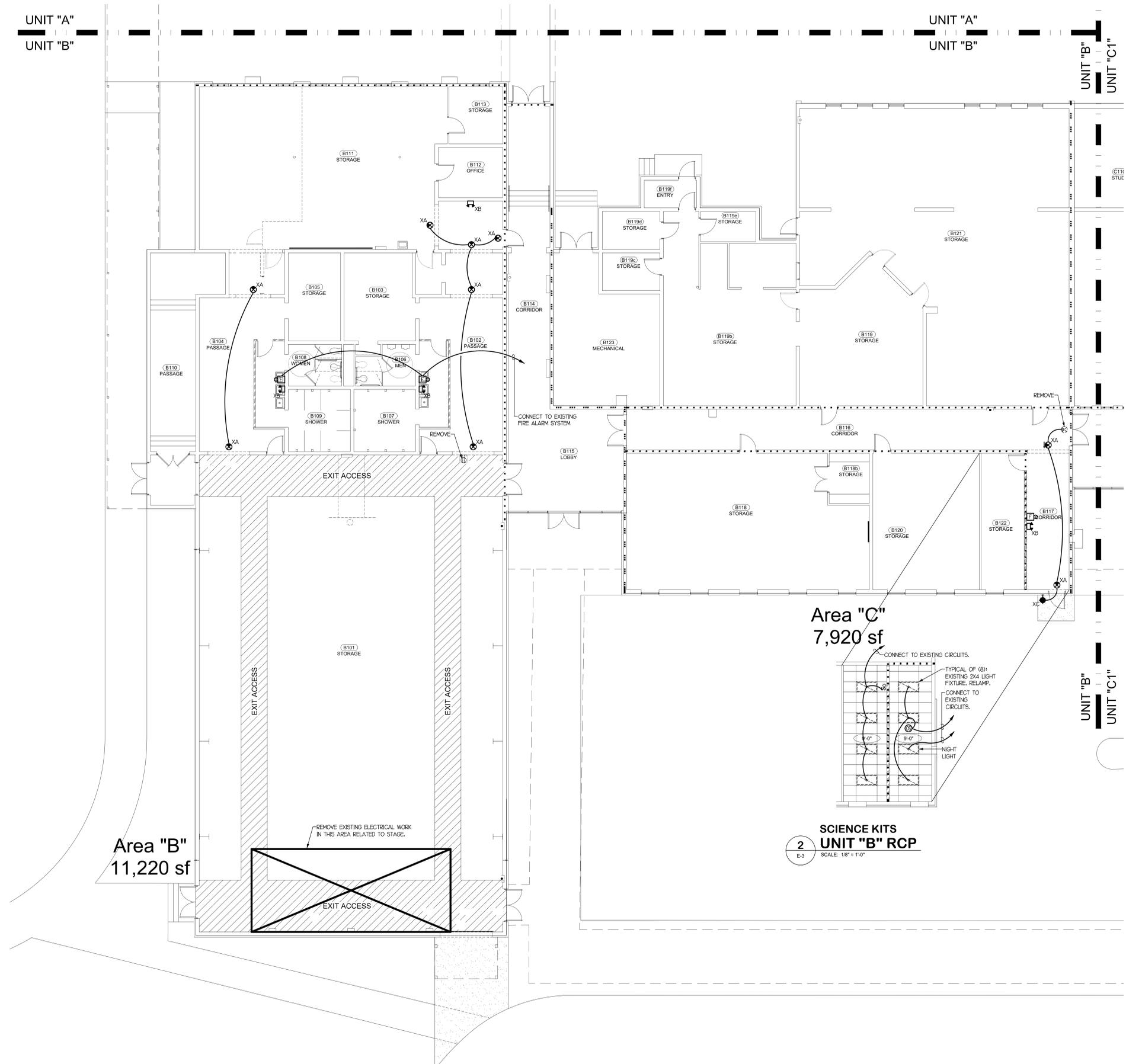
PROJECT TITLE  
**MBIS**  
 Renovations for  
 Records  
 Science Kits  
 Adult Education

TMS: 173-160-2005  
 North Oak Street  
 Myrtle Beach, SC

FILE NUMBER 2002

SHEET TITLE RECORDS UNIT "A" FLOOR PLAN

DATE March 6, 2020  
 REVISION DATE:



Area "B"  
 11,220 sf

Area "C"  
 7,920 sf

SCIENCE KITS  
 UNIT "B" RCP  
 SCALE: 1/8" = 1'-0"

SCIENCE KITS  
 UNIT "B" FLOOR PLAN  
 SCALE: 1/8" = 1'-0"

PROJECT TITLE  
 MBIS  
 Renovations for  
 Records  
 Science Kits  
 Adult Education

TMS: 173-160-2005  
 North Oak Street  
 Myrtle Beach, SC

FILE NUMBER: 2002

SHEET TITLE: SCIENCE KITS UNIT "B" FLOOR PLAN

DATE: March 6, 2020  
 REVISION DATE:

SHEET NUMBER:  
**E-3**  
 OF 4

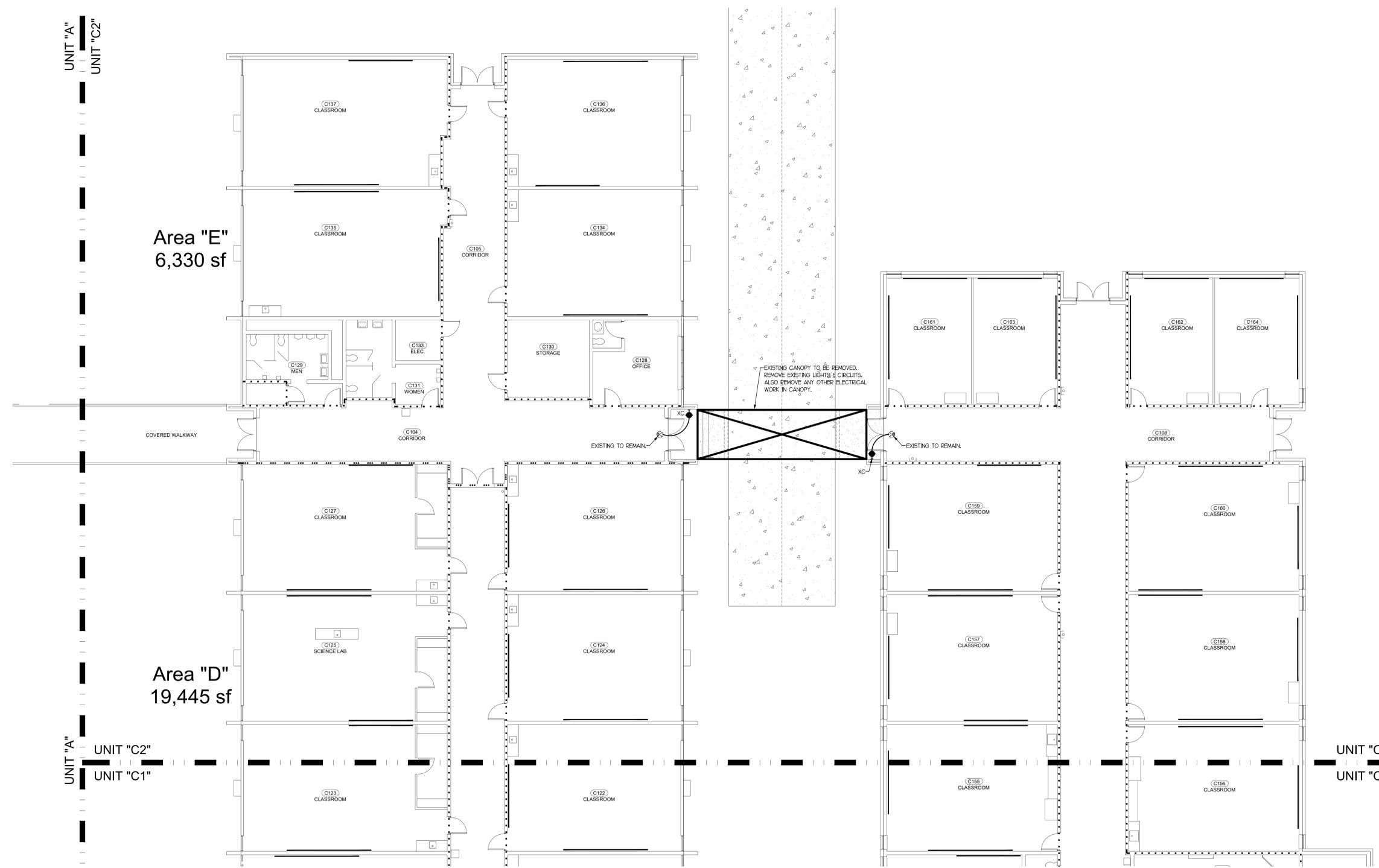
UNIT "A"  
 UNIT "C2"

Area "E"  
 6,330 sf

Area "D"  
 19,445 sf

UNIT "A"  
 UNIT "C2"  
 UNIT "C1"

UNIT "C2"  
 UNIT "C1"



ADULT EDUCATION  
 UNIT "C2" FLOOR PLAN  
 1  
 SCALE: 1/8" = 1'-0"