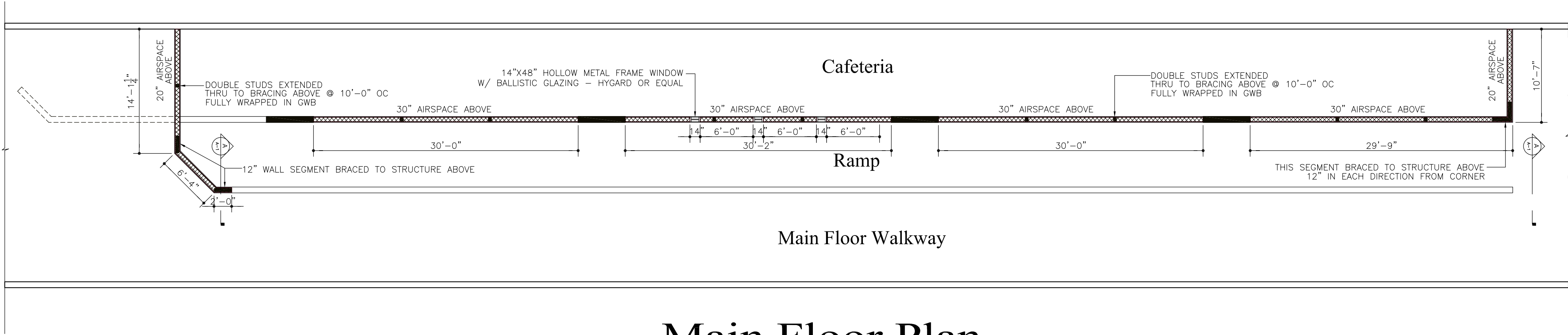
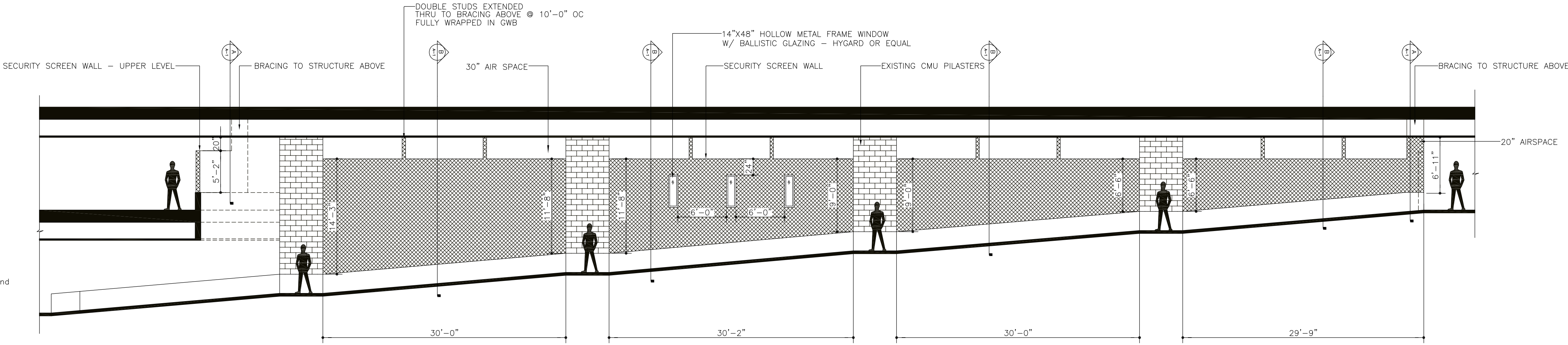


LEGEND	
	EXISTING STRUCTURE TO REMAIN
	PROPOSED STRUCTURE
	EXISTING STRUCTURE TO BE REMOVED



Main Floor Plan

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



Elevation\Section

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

BULLET RESISTANT PANELS

PART 1 - GENERAL

1.1 SUMMARY

A. Section includes bullet resistant fiberglass panels.

1.2 REFERENCES

A. American Society for Testing and Materials:

1. ASTM E119-98 Standard Test for One-Hour Fire-Rating of Building Construction and Materials

B. International Organization for Standardization:

1. ISO 9001:2015 Quality Management System

C. Small Business Administration:

1. SBA Small Business Size Standard

D. Underwriters Laboratories:

1. UL 752 Specifications and Ammunition, 11th Edition, Standard for Bullet Resisting Equipment published September 9, 2005, revised December 21, 2006, Level 1

E. The United States Department of State:

1. The International Traffic in Arms Regulations (ITAR)

1.3 SUBMITTALS

A. Submittals for Review: Submit for approval prior to fabrication.

1. Product Data: Include specifications, brochures, and samples.

2. Recommendations for installation of Bullet Resistant Fiberglass Panels available in print document and video link.

B. Certificates: Submit printed data to indicate compliance with following requirements.

1. UL LISTING Verification and UL752 Current Test Results as provided by Underwriters Laboratories.

2. ASTM E119-98 One-Hour Fire Rating of Building Construction and Materials.

3. Manufacturer's third party certificate of registration with ISO 9001:2015.

4. Manufacturer's U.S. Dept. of State ITAR Statement of Registration.

5. Manufacture's SBA Profile verifying small business status by the SBA.

1.4 DELIVERY, HANDLING, AND STORAGE

A. Deliver materials to project with manufacturer's UL LISTED Labels intact and legible.

B. Handle material with care to prevent damage. Store materials inside under cover, stack flat and off the floor.

1.5 WARRANTY

A. Warrant all materials and workmanship against defects for a period of ten (10) years from the date of Substantial Completion.

PART 2 - PRODUCTS

ARMORCORE BULLET RESISTANT PANELS

ENTER PROJECT NAME HERE 05/2015

ARMORCORE 2 10 26 41

REGIONAL SOURCES FOR EQUAL PRODUCT AVAILABLE UPON REQUEST. CONTACT 866-688-3088

FOR PROPRIETY SPECIFICATION INCLUDE ARTICLE 1. SUBSTITUTIONS: NOT PERMITTED.

2.1 MANUFACTURER

A. Design Basis: Contract Documents are based on ArmorCore by Waco Composites, (Waco, TX

76710, phone: 254-752-3622, toll free: 866-688-3088, email: sales@armorcore.com, web: www.armorcore.com)

2.2 PERFORMANCE CRITERIA

A. Bullet Resistant Fiberglass Panels shall be non ricochet type to permit the encapture and retention of an attacking projectile lessening the potential of a random injury or lateral penetration.

B. Panel Rating: UL752 Level 1.

C. Bullet resistance of joints: equal to that of the panel.

2.3 MATERIALS

A. Panels fabricated of multiple layers of woven roving ballistic grade fiberglass cloth impregnated with a thermoset polyester resin and compressed into flat rigid sheets.

B. Thickness: 1" nominal thickness

C. Nominal Weight: 2.6 lbs. per sq. ft.

D. Available Panel Sizes: [3' x 8'] [3' x 9'] [3' x 10'] [4' x 8'] [4' x 9'] [4' x 10'] [5' x 8'] [5' x 9'] [5' x 10'] [Custom]

E. Panels manufactured in the United States of America with raw materials sourced from the U.S.A. for quality assurance purposes and to comply with any applicable "Buy American" provisions.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Prior to starting installation, verify work of related trades required in contract documents and architectural drawings is complete to the point where work of this Section may properly commence.

3.2 JOINTS

A. Reinforce joints with a back-up layer of bullet resistive material. Minimum width of reinforcing layer at joint shall be 4-inches, centered on panel joints.

3.3 APPLICATION

A. Install armor in accordance with manufacturer's printed recommendations and as required by contract documents.

B. Secure armor panels using screws, bolts, or an industrial adhesive.

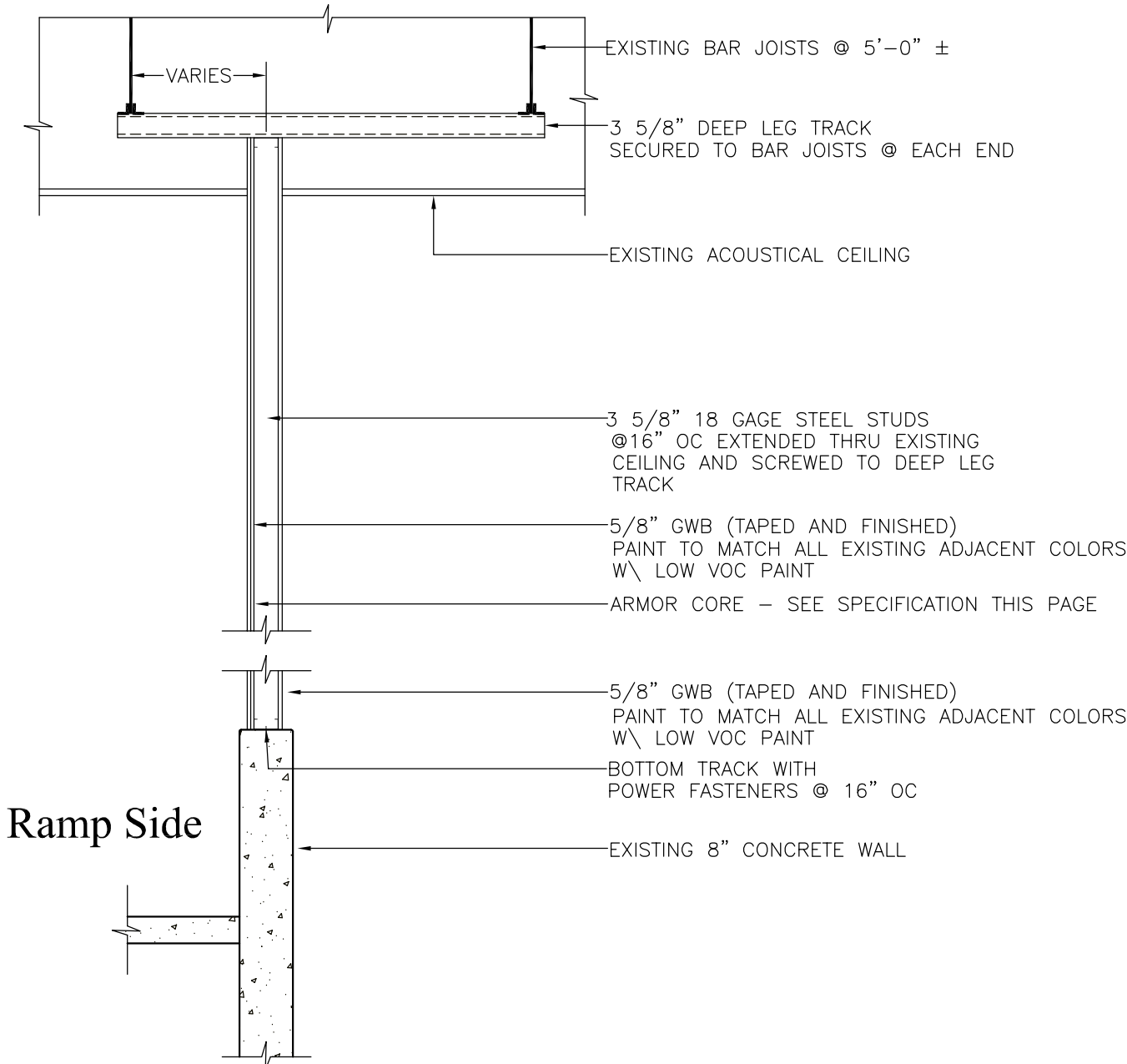
ARMORCORE BULLET RESISTANT PANELS

ENTER PROJECT NAME HERE 05/2015

ARMORCORE 3 10 26 41

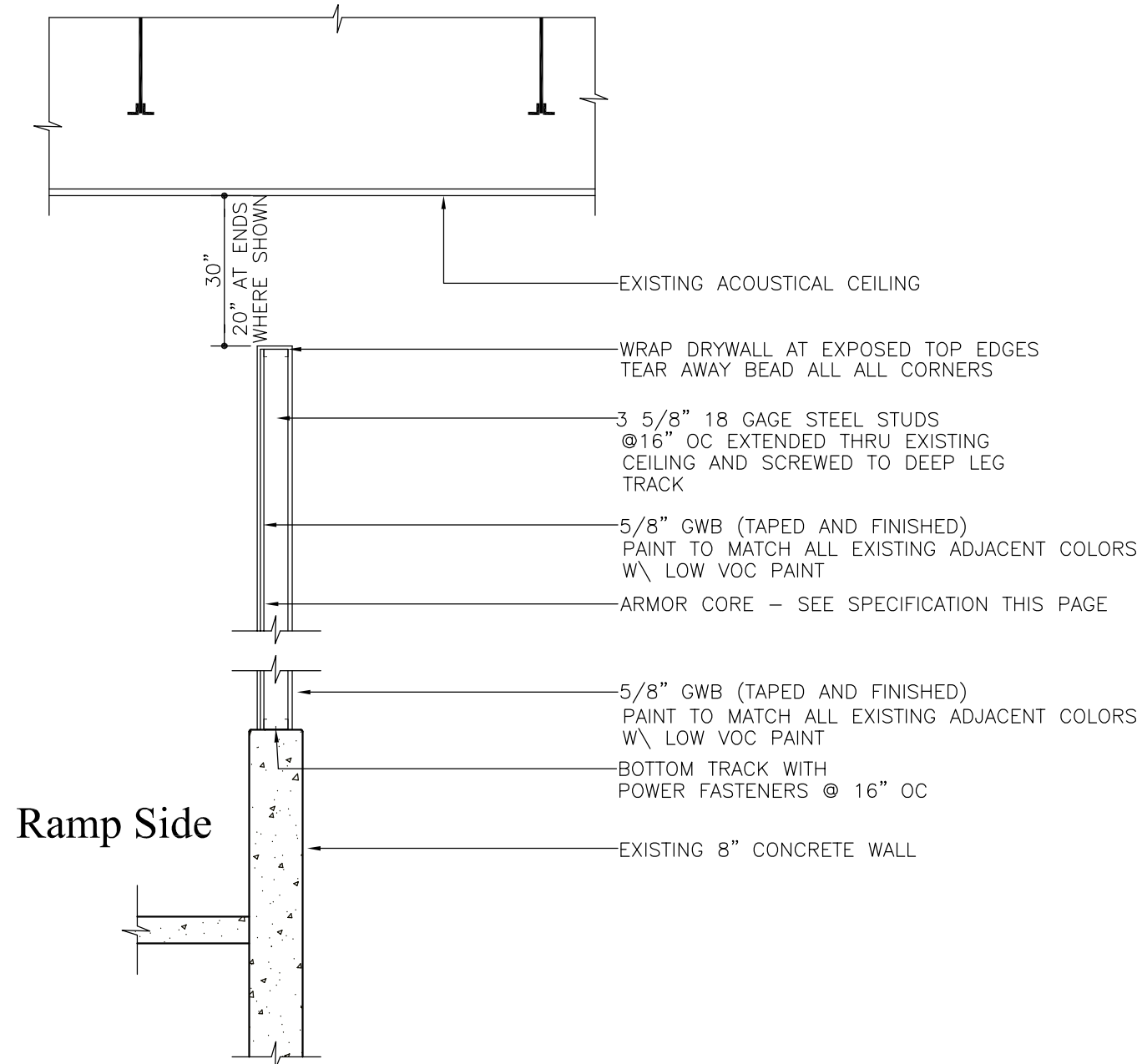
1. Method of application shall install panels minimizing vulnerabilities by fitting tightly to adjacent surfaces including concrete floor slab, concrete roof slab, bullet resistive door frames, bullet resistive window frames, and the like.

END OF SECTION 10 26 41



Section A-A

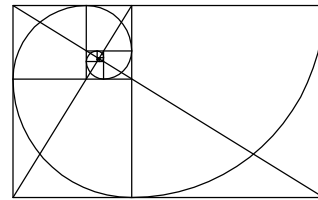
SCALE: 1/2"=1'-0"



Section B-B

SCALE: 1/2"=1'-0"

Silverwatch Architects, LLC
Architecture * Engineering * Design * Land Planning
155 Londonderry Road Windham, New Hampshire 03087
603.894.4450 WWW.SILVERWATCH.COM



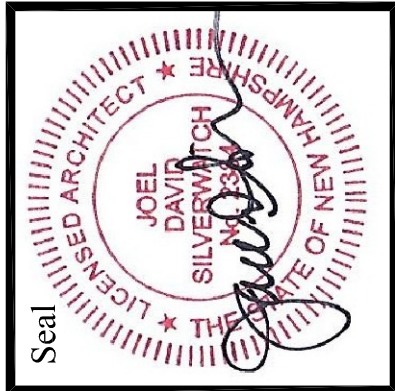
Project Name: Raymond High School Security Project

Prepared For: Raymond High School

Project Address: 45 Harriman Hill Road
Raymond, New Hampshire

Sheet Title: Main Floor Plan

Drawn:	JDS
Checked:	JDS
Approved:	RHS
	XXX
	XXX
Scale:	1/4"=1'-0"
Date:	3/31/20
Project No.:	SA-22-20



Sheet 1 of 1

A-1