

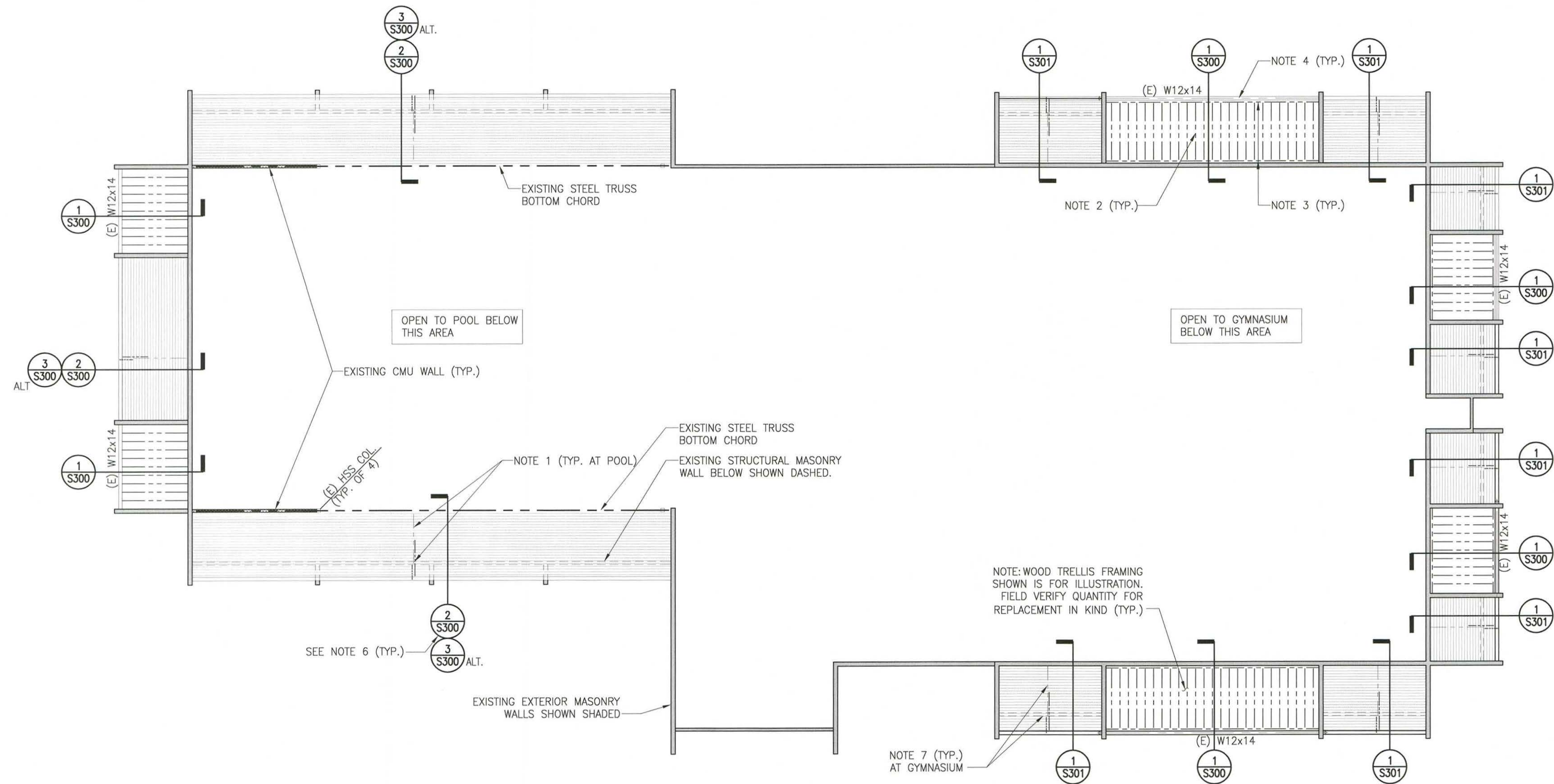
2.2 SHOP DRAWINGS

- 3.9 INSPECTION AND TESTING:
- A. THE OWNER SHALL ENGAGE A TESTING AGENCY TO PROVIDE SERVICES AS INDICATED BELOW AND SUBMIT REPORTS.
 - B. STRUCTURAL STEEL:
 - 1. VISUALLY INSPECT ALL FILLET WELDS, BOLTED CONNECTIONS AND POST-INSTALLED FASTENERS.
 - 2. TEST ANY WELD WHICH EXHIBITS UNUSUAL CONDITIONS OR POOR QUALITY DURING VISUAL EXAMINATION.

- 5.6 FASTENERS:
- A. NAILS: COMMON WIRE, GALVANIZED.
 - B. BOLTS: ASTM A307 FOR ALL WOOD-TO-WOOD AND COLD-FORMED STEEL-TO-WOOD CONNECTIONS.
 - C. SCREWS: ASME B18.8.1 FOR ALL WOOD-TO-WOOD AND WOOD-TO-STEEL CONNECTIONS.
 - D. CONNECTORS: SIMPSON STRONG-TIE OR APPROVED EQUIVALENT WITH ZMAX (ASTM A653 G185) COATING.

<h1 style="text-align: center;">GENERAL NOTES</h1>		
Drawing Title		
Project No. 150049.01	Checked ERO	Date 01/22/16
Drawn ERO	Approved GRS	Scale
		Drawing No. <h1 style="text-align: center;">S001</h1>

BID SET



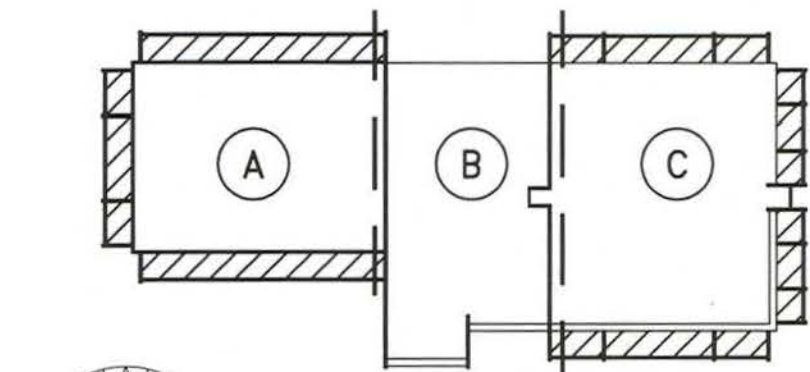
EXISTING LOW ROOF FRAMING PLAN - NEW WORK

PLAN NOTES:

- EXISTING 8" DEEP CFS JOISTS AT 24"± OC. PARTIALLY DEMOLISH AS INDICATED. SISTER NEW 800S200-54 DEEP CFS JOIST TO EACH EXISTING AND INSTALL 400S200-54 DEEP CFS OUTRIGGER (LOW). SEE 2/S300.
- AT TRELLIS: NEW TREATED 3x12 WOOD RAFTERS AT 18"OC. MATCH PROFILE OF EXISTING WOOD FRAMING. SEE 1/S300.
- AT TRELLIS: NEW TREATED 4x12 WOOD HEADER EACH END OF RAFTERS. SEE 1/S300.
- AT TRELLIS: EXISTING STEEL BEAM AT 'LOW' END OF FRAMING TO REMAIN. CLEAN AND PAINT. SEE 1/S300.
- SEE S001 FOR GENERAL NOTES.
- AT COLD-FORMED STEEL REPAIRS, DETAIL 2/S300, DAMAGE TO EXISTING FRAMING IS ASSUMED TO BE LIMITED TO PORTIONS OUTSIDE OF THE BUILDING BASED ON LIMITED OBSERVATION. FOR BIDDING/PRICING, PROVIDE A LUMP SUM ALLOWANCE, AND ASSOCIATED UNIT PRICES, ASSUMING 20% OF CFS FRAMING REQUIRES COMPLETE REPLACEMENT. INCLUDE ALL COSTS FOR ADDITIONAL DEMOLITION (ROOF, CEILING, ETC.) AND NEW CONSTRUCTION SEE 3/S300.
- EXISTING CFS ROOF FRAMING AT GYMNASIUM ASSUMED TO REMAIN. EXAMINE DURING DEMOLITION OF ADJACENT CONSTRUCTION AND NOTIFY ENGINEER IF DETERIORATION IS PRESENT.

1/16" = 1'-0"

Professional Certification.
I hereby certify that these documents were
prepared or approved by me, and that I am a duly
licensed professional engineer under the laws of
the State of Maryland.
License No. 43366 Exp Date: 3/16/17



KEY PLAN

**PHYSICAL EDUCATION BLDG
EXTERIOR RENOVATION
MONTGOMERY COLLEGE
GERMANTOWN CAMPUS
20200 OBSERVATION DRIVE
GERMANTOWN, MD 20876**

Project

EXISTING LOW ROOF FRAMING PLAN - NEW WORK

Drawing Title

Project No. 150049.01	Checked ERO	Date 01/22/16
Drawn DMS	Approved ERO	Scale 1/16"=0'-0"

Drawing No.

S110

BID SET

Simpson Gumpertz & Heger Inc.
1828 L Street NW, Suite 950
Washington, DC 20036
Main: 202.239.4199 Fax: 202.239.4198
www.sgh.com

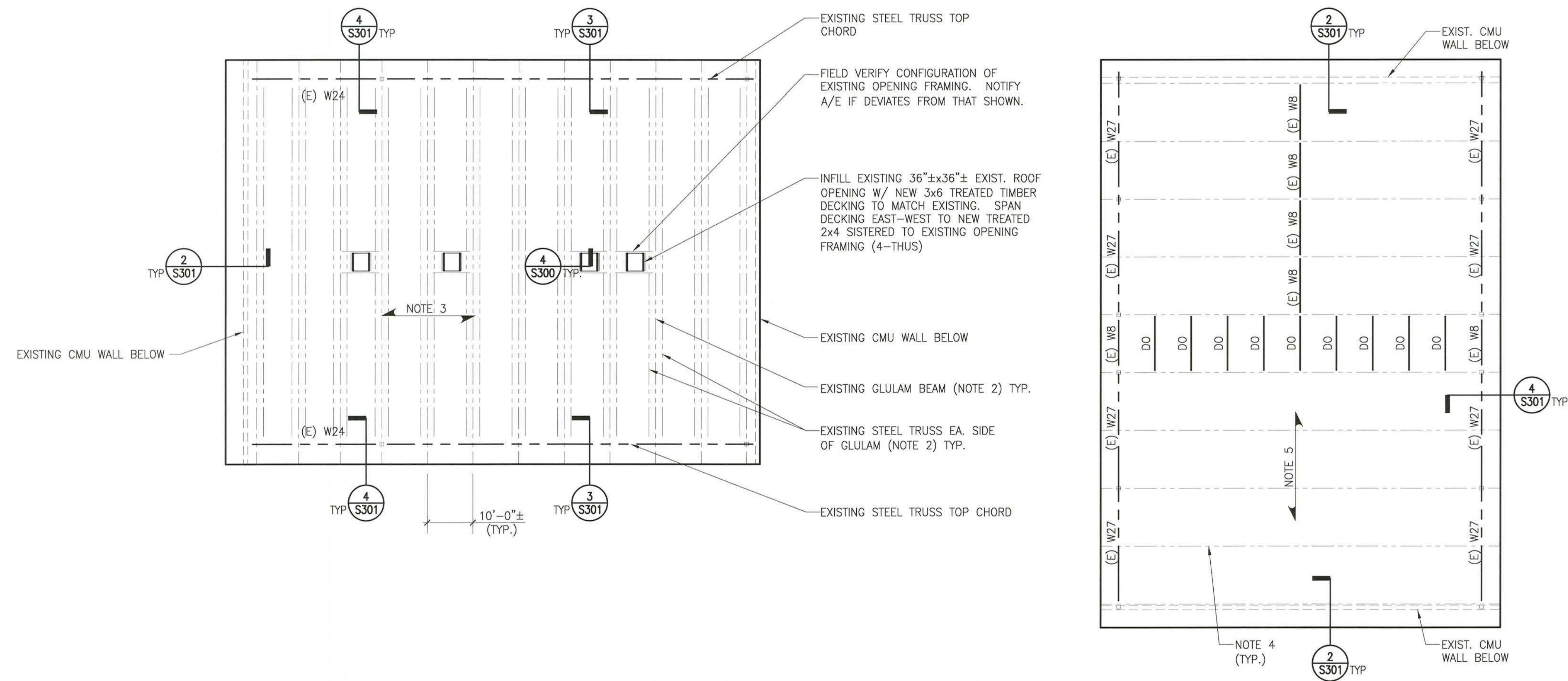
Boston
Chicago
Los Angeles
New York
San Francisco
Washington, DC

Door Hardware
Consultant
Erbschloe Consulting Services, Inc.
7820 Carlers Run Drive
Marshall, VA 20115
540.351.0553

Security
Consultant
GHD, Inc.
14585 Avion Parkway, Suite 150
Chantilly, VA 20151
571.325.5000

Cost Estimating
Consultant
Forella Group, LLC.
9495 Silver King Ct., Suite A
Falls Church, VA 22031
703.560.2200

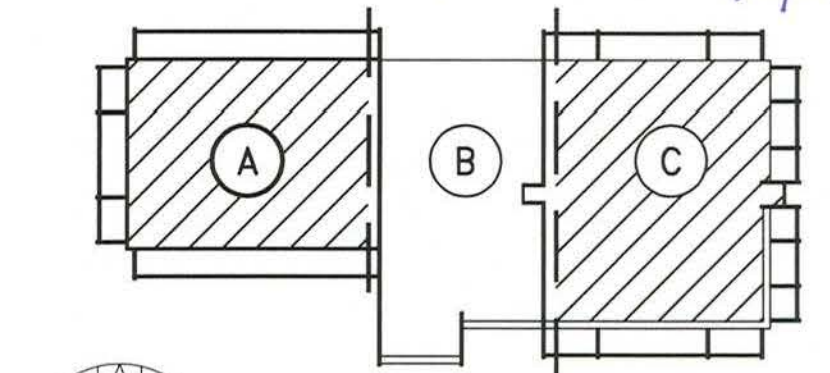
Consultant



EXISTING UPPER ROOF FRAMING PLAN – NEW WORK

- PLAN NOTES:
1. TOP GLULAM ELEV.= VIF.
 2. EXISTING GLULAM BEAMS AT POOL ROOF SPACED 10'-0"± O.C. AND ARE SUPPORTED BY STEEL TRUSSES, INSTALLED DURING PRIOR RENOVATION.
 3. EXISTING POOL ROOF DECK CONSISTS OF 3x WOOD DECKING.
 4. EXISTING GLULAM BEAMS AT GYM. ROOF SPACED UP TO 13'-0"± O.C.
 5. EXIST. GYM. ROOF DECK CONSISTS OF 4x WOOD DECKING.
 6. SEE S001 FOR GENERAL NOTES

1/16" = 1'-0"



KEY PLAN

Professional Certification.
I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.
License No. 43366 Exp. Date: 3/16/17

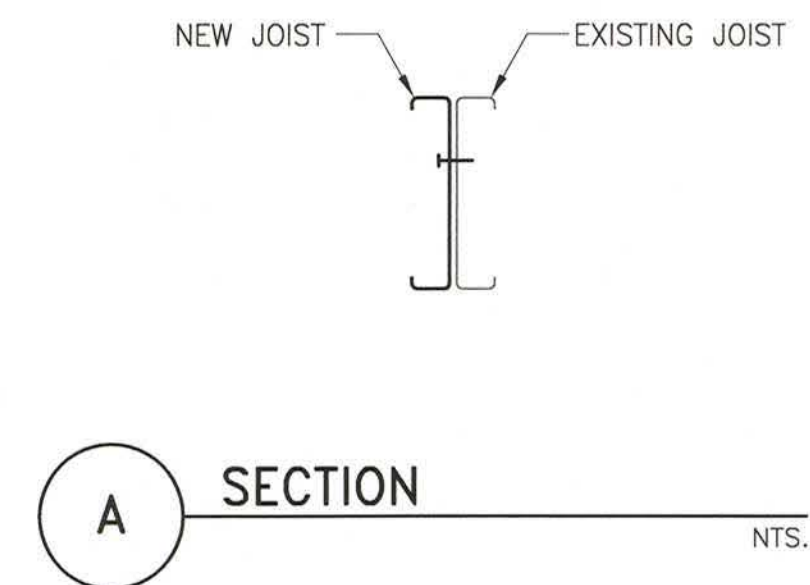
**PHYSICAL EDUCATION BLDG
EXTERIOR RENOVATION
MONTGOMERY COLLEGE
GERMANTOWN CAMPUS
20200 OBSERVATION DRIVE
GERMANTOWN, MD 20876**

**EXISTING UPPER ROOF
FRAMING PLAN
- NEW WORK**

Project No. 150049.01	Checked ERO	Date 01/22/16
Drawn DMS	Approved ERO	Scale 1/16"=0'-0"
Drawing No. S111		

STATE OF MARYLAND
ERIC R. OBER
PROFESSIONAL ENGINEER
No. 43366
Exp. 3/16/17

BID SET

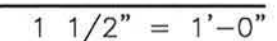


SECTION

NTS.



3 LOW ROOF SECTION AT POOL
- ALTERNATE TO REPLACE EXISTING JOIST



SECTION AT POOL ROOF INFILL

Professional Certification.
I hereby certify that these documents were prepared or approved by me, and that I am a duly licensed professional engineer under the laws of the State of Maryland.
License No. 43366 Exp Date: 3/6/17



A	01/22/16	Bid Set County Response Set	
	11/20/15	Pricing/Permit Set	
	08/28/15	100% Design Development	
No.	Date	Description	By

**PHYSICAL EDUCATION BLDG
EXTERIOR RENOVATION
MONTGOMERY COLLEGE
GERMANTOWN CAMPUS**
20200 OBSERVATION DRIVE
GERMANTOWN, MD 20876

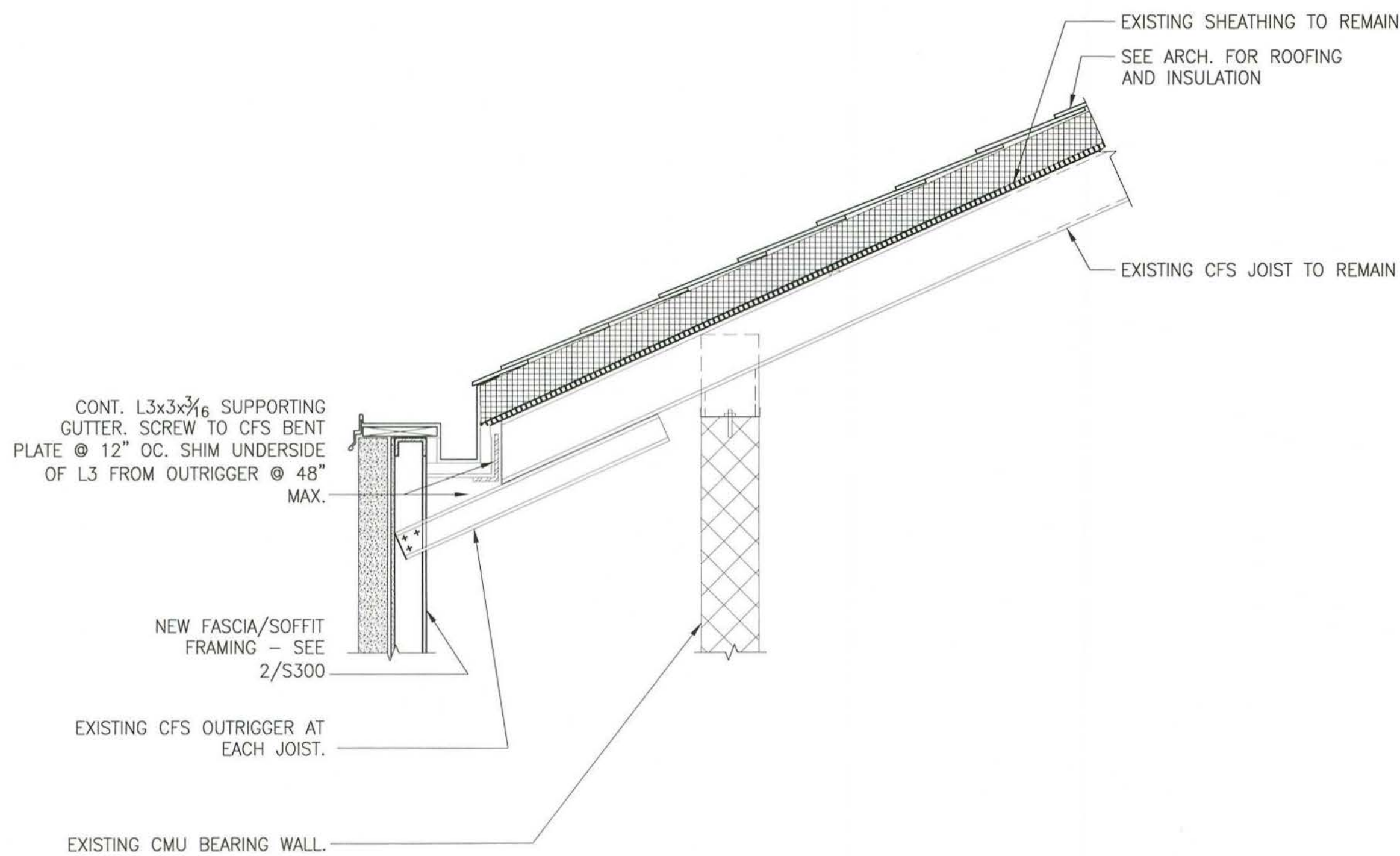
Project

DETAILS

Drawing Title

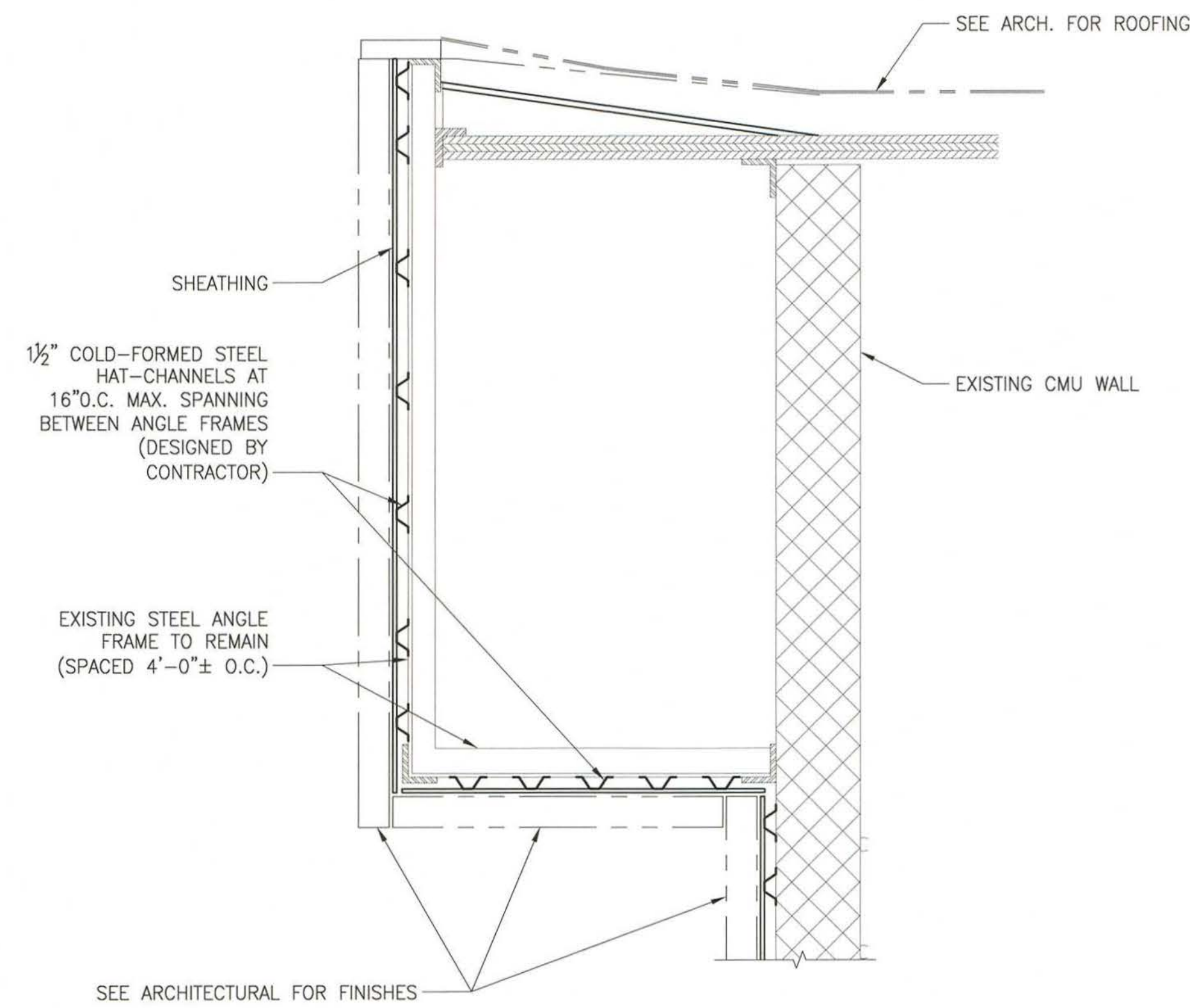
Project No. 150049.01	Checked ERO	Date 01/22/16
Drawn DMS	Approved ERO	Scale 0/0"=0'-0"





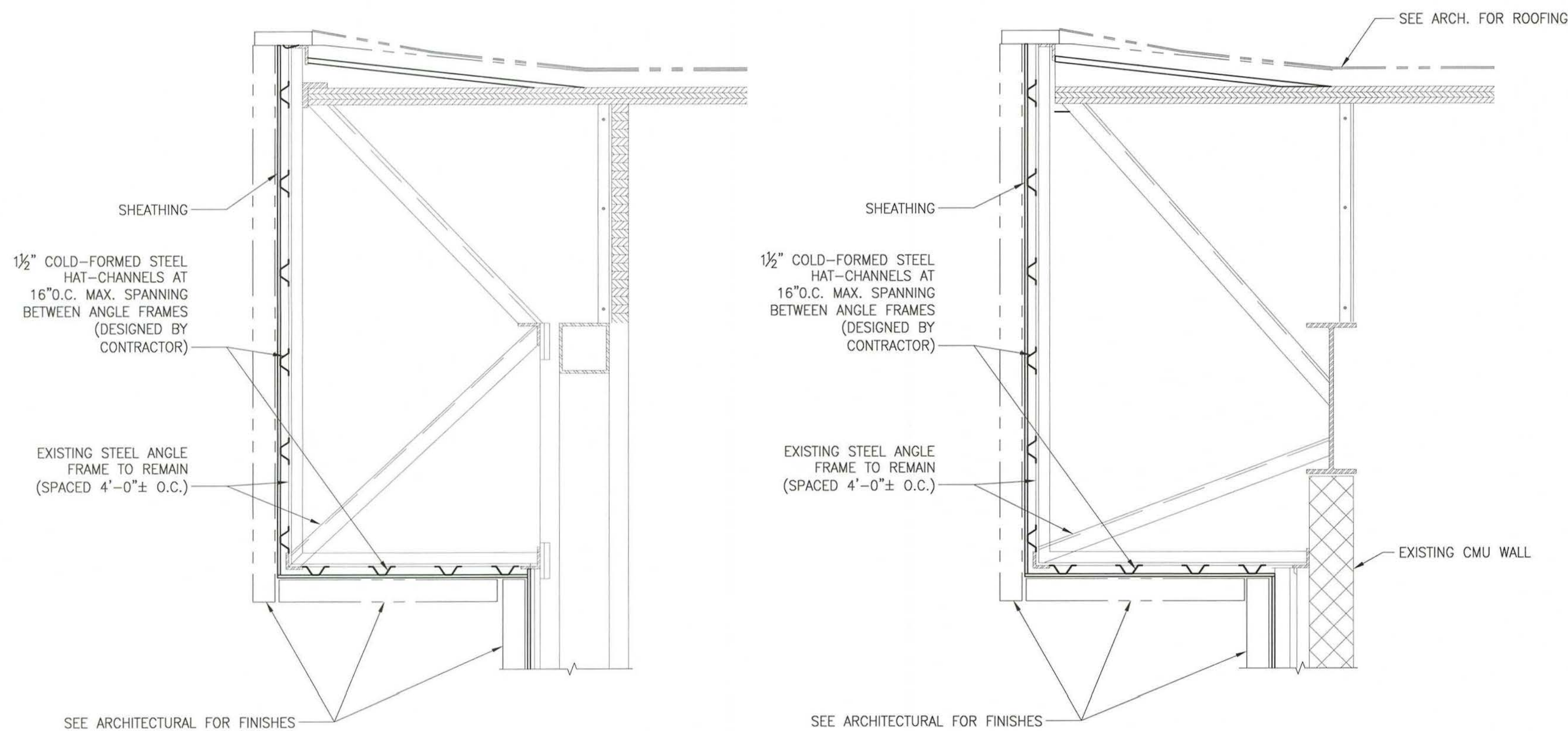
1 TYPICAL LOW ROOF SECTION
- AT GYMNASIUM

3/4" = 1'-0"



2 SECTION AT UPPER ROOF

3/4" = 1'-0"



3 SECTION AT UPPER ROOF

3/4" = 1'-0"

4 SECTION AT UPPER ROOF

3/4" = 1'-0"

SIMPSON GUMPERTZ & HEGER

Engineering of Structures
and Building Enclosures

Simpson Gumpertz & Heger Inc.
1828 L Street NW, Suite 950
Washington, DC 20036
main: 202.239.4199 fax: 202.239.4198
www.sgh.com

Boston
Chicago
Los Angeles
New York
San Francisco
Washington, DC

Door Hardware
Consultant

Erschloe Consulting Services, Inc.
7820 Carlers Run Drive
Marshall, VA 20115
540.351.0553

Security
Consultant

GHD, Inc.
14585 Avion Parkway, Suite 150
Chantilly, VA 20151
571.325.5000

Cost Estimating
Consultant

Forella Group, LLC.
9495 Silver King Ct., Suite A
Fairfax, VA 22031
703.560.2200

Consultant

BID SET

	01/22/16	Bid Set/County Response Set	
	11/20/15	Pricing/Permit Set	
	08/28/15	100% Design Development	
No.	Date	Description	By

**PHYSICAL EDUCATION BLDG
EXTERIOR RENOVATION
MONTGOMERY COLLEGE
GERMANTOWN CAMPUS**
20200 OBSERVATION DRIVE
GERMANTOWN, MD 20876

Project

DETAILS

Drawing Title

Project No. 150049.01	Checked ERO	Date 01/22/16
Drawn DMS	Approved ERO	Scale 0/0"=0'-0"



S301

Professional Certification.
I hereby certify that these documents were
prepared or approved by me, and that I am a duly
licensed professional engineer under the laws of
the State of Maryland.
License No. 43366 Exp. Date: 3/16/17