



12

Approved By: Rodney Daniels,
Fire Marshal

05/03/2018 11:12:12 AM

Application for Plan Review

Application #

18-50043022
~~18-50043794~~

Date Received:

4/13/18

Received By:

DOJINA JOHNSON

Name of Project:

OVERHUS DINING ROOM ADDITION

Physical Address of Project:

2495 RAY ROAD

SPRING LAKE, NC 28390

Plans Submitted By:

BRYAN BRADY

Project Phone:

(919) 404-8330

Contact Person/Address:

BRYAN BRADY MUTER CONSTRUCTION

100 N. ARENDELL AVE

ZEBULON, NC 27597

Contact Email:

bbraddy@muterconstruction.com

Contact Phone:

(919) 495-3667 (919) 404-8330

Contractor's Name/Info:

MUTER CONSTRUCTION

100 ARENDELL AVE

ZEBULON, NC 27597

Contractor's Phone:

(919) 404-8330

- Plans that are submitted will be reviewed as quickly as possible with an average time of review between 7-10 working days.
- Status checks may be conducted on plan reviews by visiting the website <http://hteweb.harnett.org/Click2GovBP/Index.jsp> or by calling the Harnett County Central Permitting Office (910-893-7525, Option #2), or the Harnett County Fire Marshal's Office (910-893-7580).
- Approved plans must be picked up from the Central Permitting Office and all fees paid before any required inspections can be conducted.

Rodney Daniels

From: Robert Edmondson <redmondson@hiteassoc.com>
Sent: Friday, April 27, 2018 8:35 AM
To: Rodney Daniels
Cc: Bryan Braddy; Jimmy Hite; Blake Faulkner
Subject: FW: Overhills Dinning Revision

Mr. Daniels:

See the answers below to your questions.

The total number of occupants egressing from the existing dining area through the addition = 51 persons

The total travel distance of the occupants egressing from the existing dining room through the addition = 115 feet

*Thanks,
Robert Edmondson
Construction Administrator
Hite Associates
(252) 757-0333 x 212 office
(252) 714-9612 mobile*

From: Bryan Braddy [mailto:bbraddy@muterconstruction.com]
Sent: Friday, April 27, 2018 7:01 AM
To: Robert Edmondson <redmondson@hiteassoc.com>; Jimmy Hite <jgh@hiteassoc.com>; Briana Nunley <bnunley@hiteassoc.com>
Subject: Fwd: Overhills Dinning Revision

Hey Jimmy and Robert,

Please see below from the fire marshal.

Sent from my iPhone

Begin forwarded message:

From: Rodney Daniels <rdaniels@harnett.org>
Date: April 27, 2018 at 6:53:23 AM EDT
To: "bbraddy@muterconstruction.com" <bbraddy@muterconstruction.com>
Cc: Donna Johnson <djohnson@harnett.org>
Subject: Overhills Dinning Revision

Bryan,

I have asked the architect for the total number of occupants egressing from the existing dining area through the addition. Also, the total travel distance of the occupants egressing from the existing dining room through the addition. As soon as we get this information we can complete the review.

Rodney Daniels
Fire Marshal

Harnett County Emergency Services

P.O. Box 370

1005 Edwards Brothers Drive

Lillington, NC 27546

Direct: 910-893-0743

Office: 910-893-7580

Fax: 910-893-5025

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Plan Review, Inspection, and Permit Fees

Application Number :

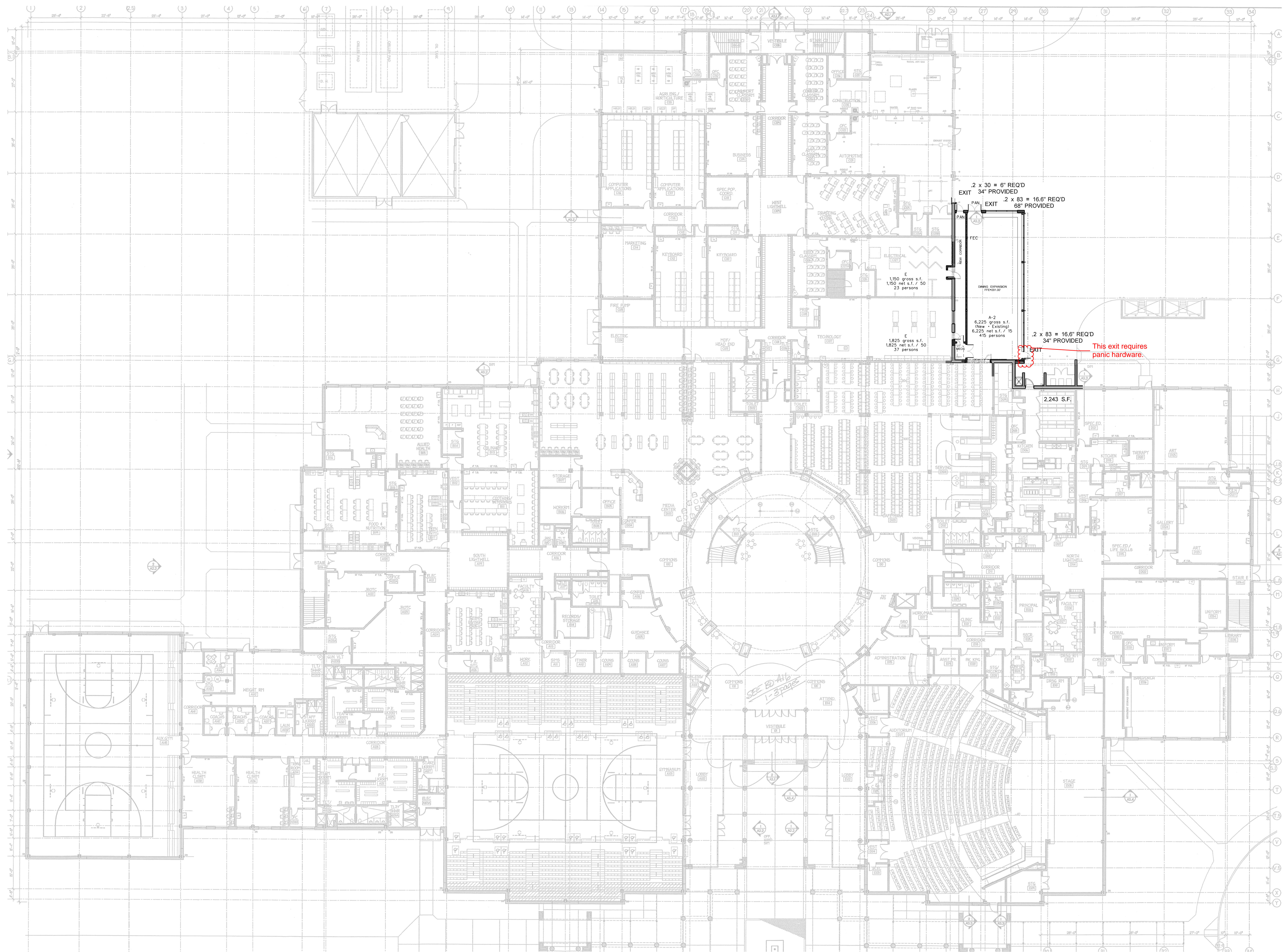
1850043022

\$200.00	<input type="checkbox"/>	Explosive Material (90 Days)	\$	-
\$100.00	<input type="checkbox"/>	Explosive Materials (72 Hours)	\$	-
\$100.00	<input type="checkbox"/>	Fireworks Public Display	\$	-
\$50.00	<input checked="" type="checkbox"/>	Final Inspection	\$	50.00
\$35.00 + \$2.00 per device	<input type="checkbox"/>	Fire Alarm Testing	\$	-
\$35.00 + \$2.00 per nozzle	<input type="checkbox"/>	Fixed Fire Suppression	\$	-
\$75.00	<input type="checkbox"/>	Insecticide Fog/Fumigation	\$	-
\$100.00	<input type="checkbox"/>	Pipe Test/UST/AGST	\$	-
\$50.00	<input checked="" type="checkbox"/>	Plans up to 5000 sq ft	\$	50.00
\$100.00	<input type="checkbox"/>	Plans 5001 sq ft to 10,000 sq ft	\$	-
\$150.00	<input type="checkbox"/>	Plans 10,001 sq ft to 25,000 sq ft	\$	-
\$250.00	<input type="checkbox"/>	Plans 25,001 sq ft and over	\$	-
\$35.00 + 2.00 per head	<input type="checkbox"/>	Sprinkler Certification Test	\$	-
\$50.00	<input type="checkbox"/>	Standpipe Testing	\$	-
\$50.00	<input type="checkbox"/>	Special Assembly		
		<i>(ie. amusement buildings, carnivals, fairs)</i>	\$	-
\$75.00	<input type="checkbox"/>	Tents/Canopies/Air Supported Structure	\$	-
\$100.00	<input type="checkbox"/>	Tank Installation (charge for each tank)	\$	-
\$100.00	<input type="checkbox"/>	Tank Removal (charge for each tank)	\$	-
		Total Devices/Heads	\$	-
		Total Cost	\$	100.00

Code Enforcement Official

Rodney Daniels

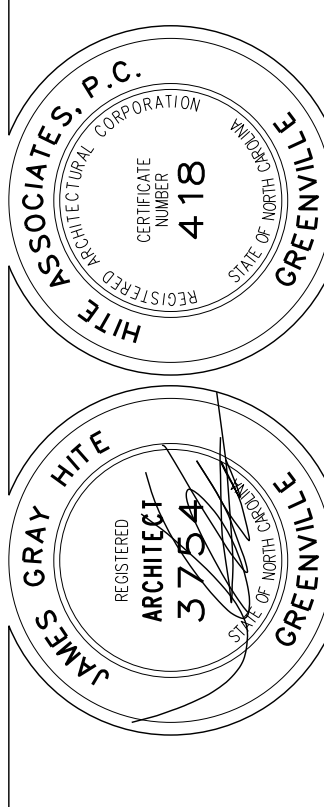
5/3/2018



001.1 LIFE SAFETY PLAN
SCALE: 1" = 20'-0"

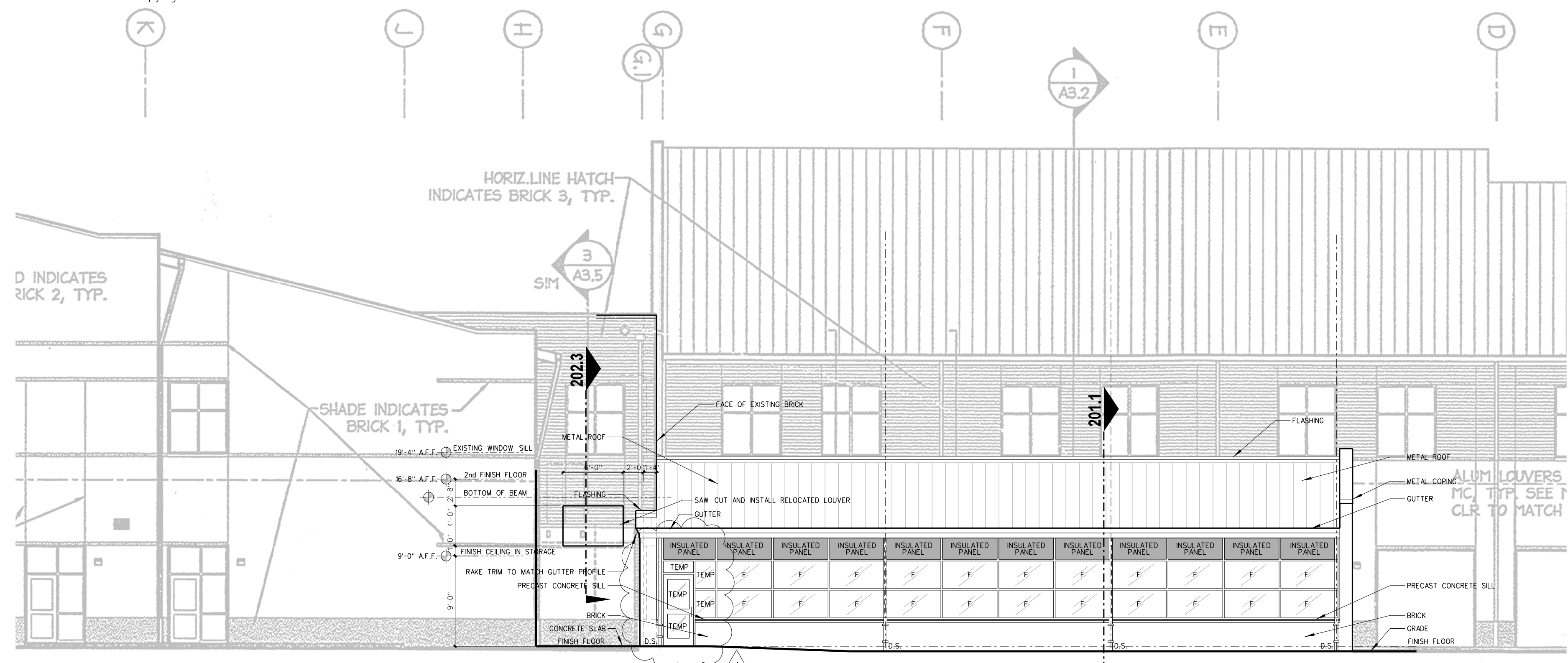
No.	Date	Revision

Hite associates
ARCHITECTURE / PLANNING / TECHNOLOGY
2600 Meridian Drive / Greenville, NC 27834 / tel (252) 757-0333

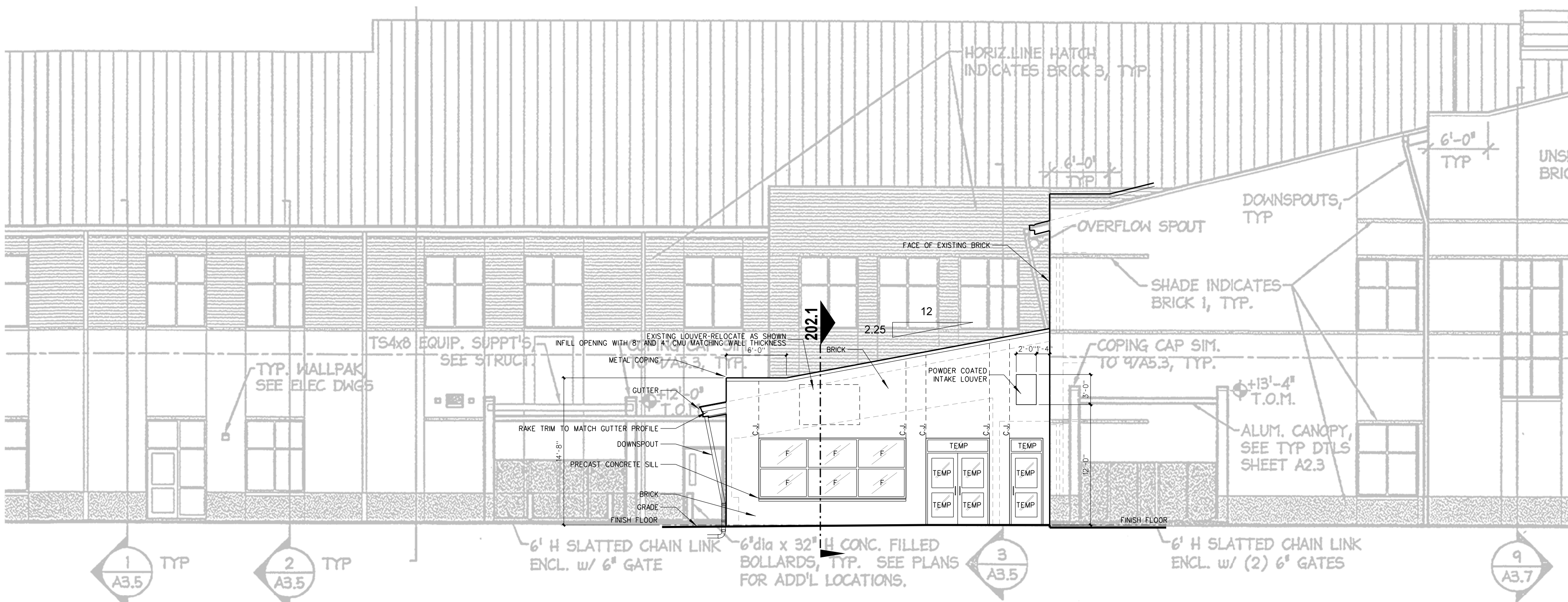


Dining Room Addition To
Overhills High School
Harnett County Schools
Harnett County / North Carolina

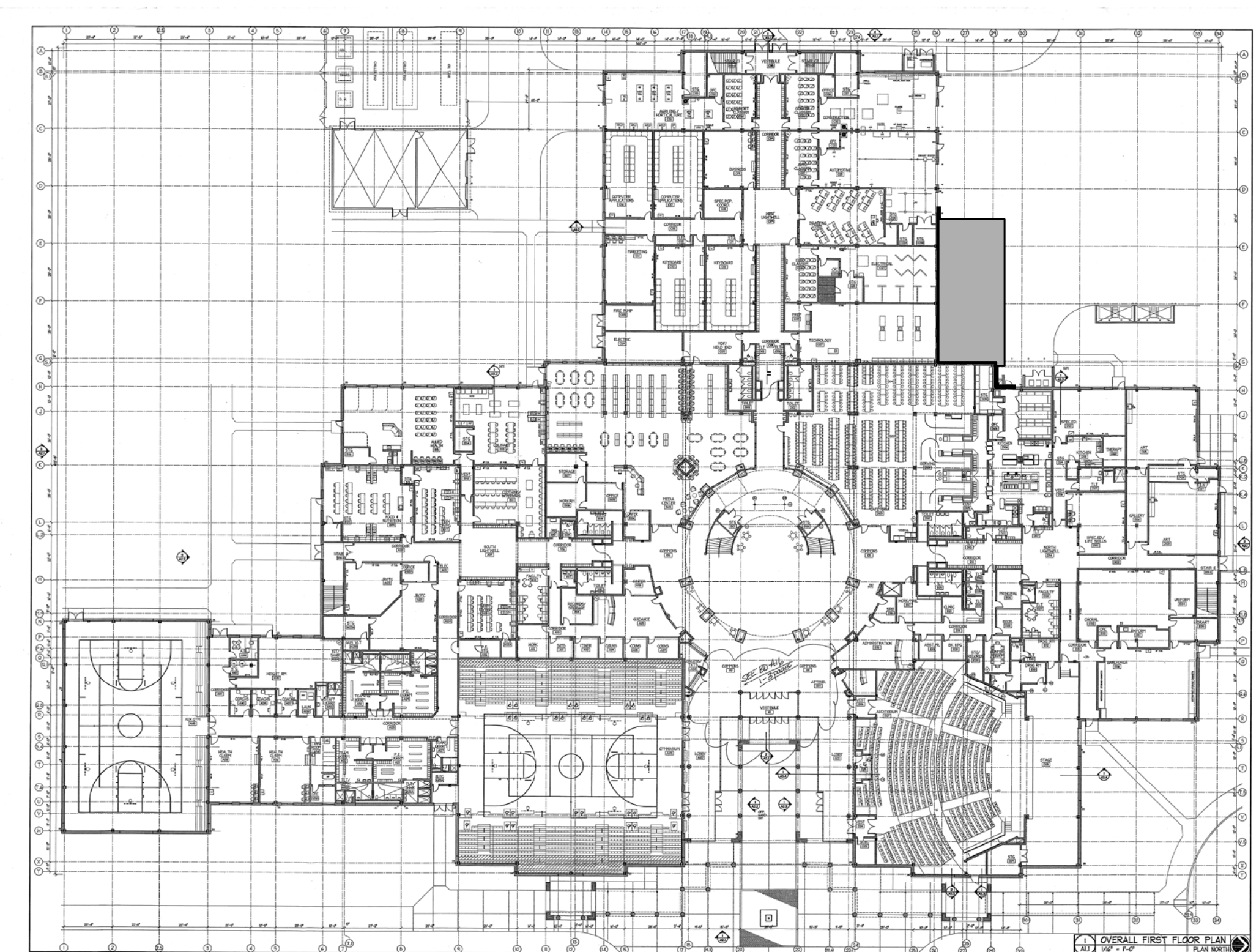
Project No. 21613
Date: January 2017
Drawing no. **LS 001**



101.3 NORTH ELEVATION
SCALE: 1/8" = 1'-0"



101.2 WEST ELEVATION
SCALE: 1/8" = 1'-0"



Key Plan

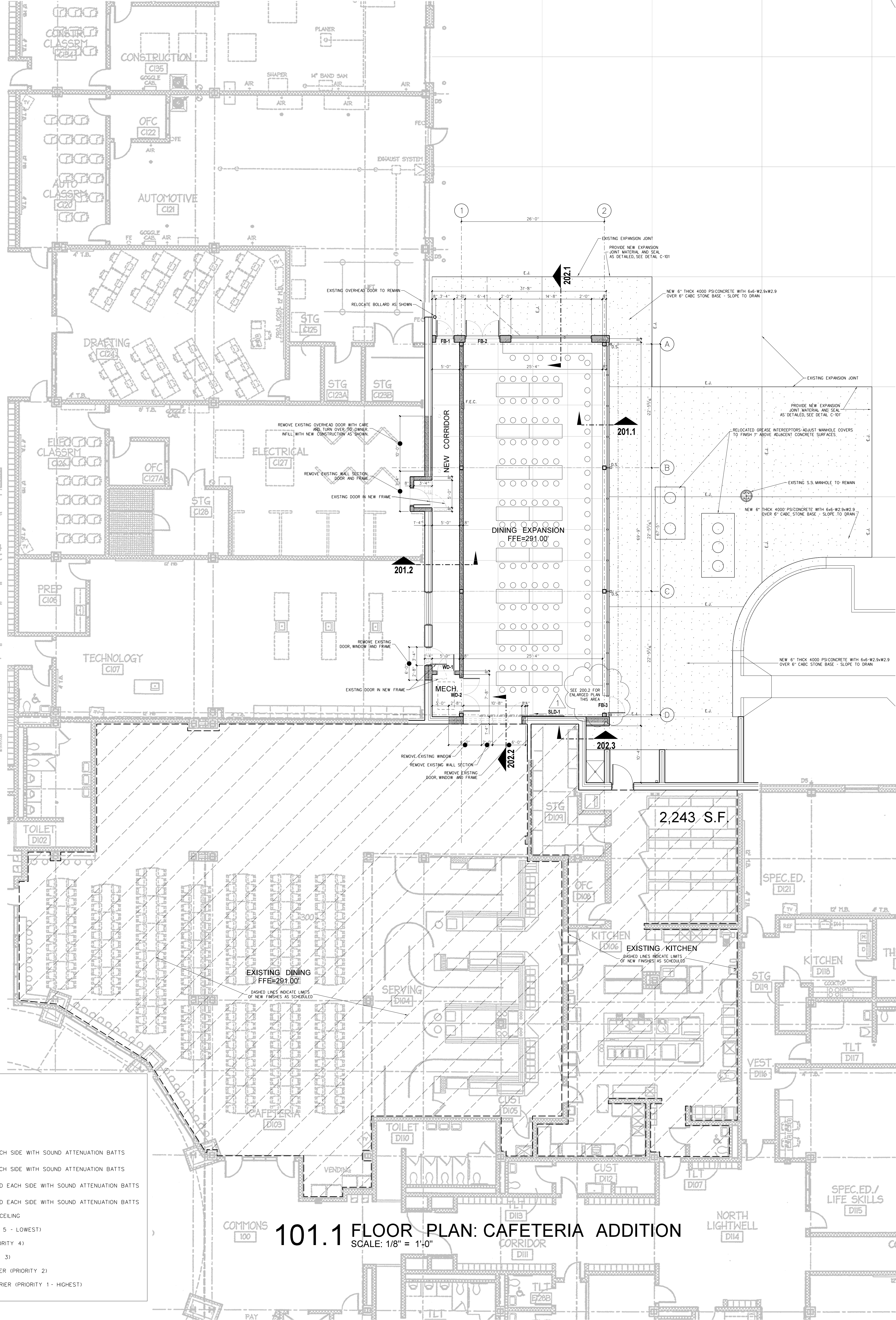
DRAWING LEGEND

- EXISTING CONSTRUCTION TO REMAIN
- EXISTING CONSTRUCTION TO BE REMOVED
- NEW GYPOBOARD / METAL STUD CONSTRUCTION
- NEW CMU CONSTRUCTION
- NEW MASONRY CONSTRUCTION

NOTE: ALL EXISTING DOORS, CASEWORK, AND OTHER SALVAGEABLE ITEMS TO BE REMOVED SHALL BE REMOVED WITH CARE AND TURNED OVER TO THE OWNER.

WALL LEGEND

- 12" CMU WALL
- 8" CMU WALL
- 6" CMU WALL
- 8" METAL STUD WALL WITH GYPOBOARD EACH SIDE WITH SOUND ATTENUATION BATTS
- 6" METAL STUD WALL WITH GYPOBOARD EACH SIDE WITH SOUND ATTENUATION BATTS
- 3 5/8" METAL STUD WALL WITH GYPOBOARD EACH SIDE WITH SOUND ATTENUATION BATTS
- 3 5/8" METAL STUD WALL WITH GYPOBOARD EACH SIDE WITH SOUND ATTENUATION BATTS
- SMOKE TIGHT CONSTRUCTION WALLS AND CEILING
- ONE HOUR RATED FIRE BARRIER (PRIORITY 5 - LOWEST)
- ONE HOUR FIRE AND SMOKE BARRIER (PRIORITY 4)
- TWO HOUR RATED FIRE BARRIER (PRIORITY 3)
- TWO HOUR RATED FIRE AND SMOKE BARRIER (PRIORITY 2)
- THREE HOUR RATED FIRE AND SMOKE BARRIER (PRIORITY 1 - HIGHEST)



101.1 FLOOR PLAN: CAFETERIA ADDITION
SCALE: 1/8" = 1'-0"

No.	Date	Revision
1	4/24/18	ADDED DOOR FE-3

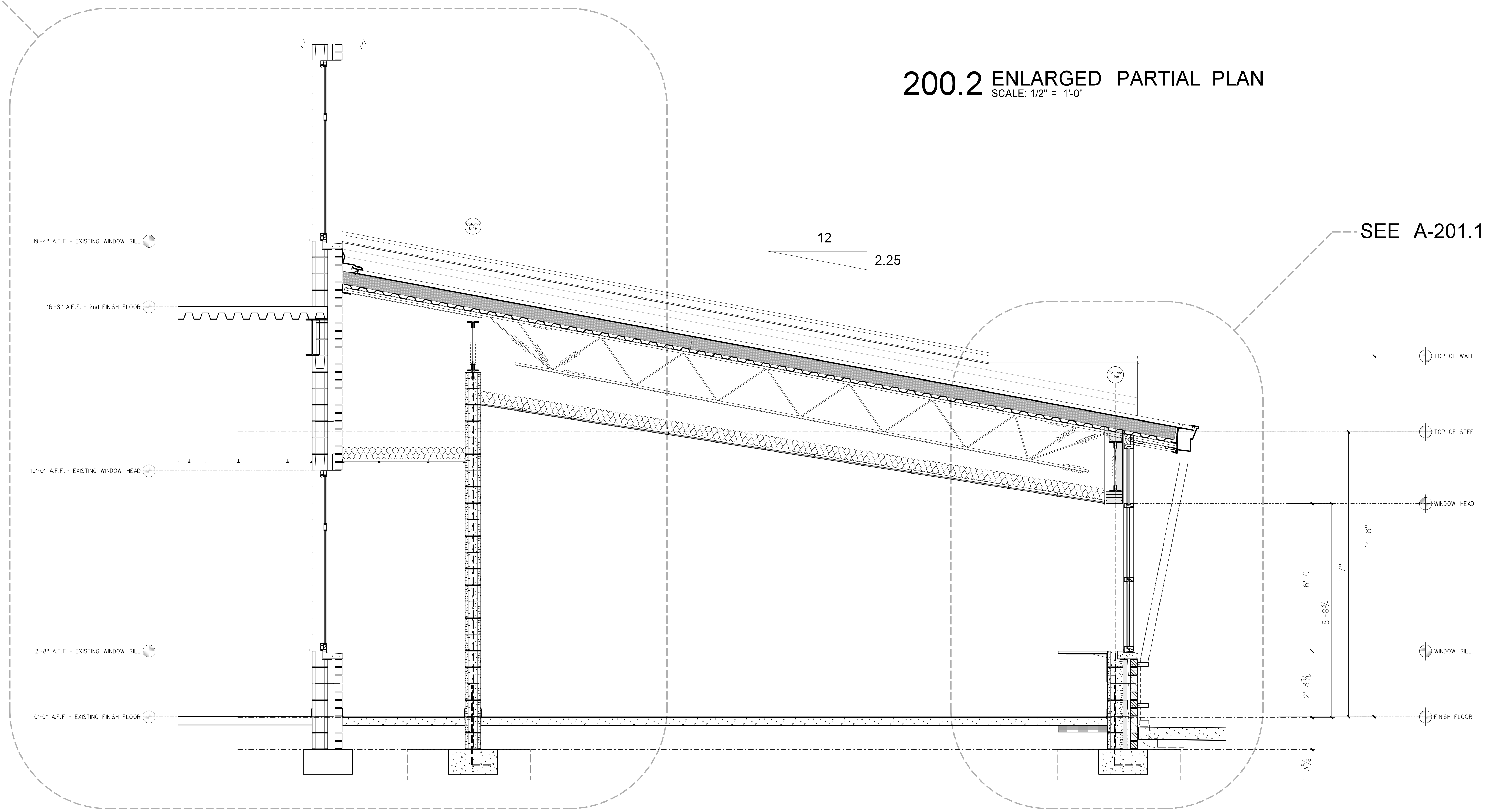
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2600 Meridian Drive / Greenville, NC 27834 / tel (252) 757-0333



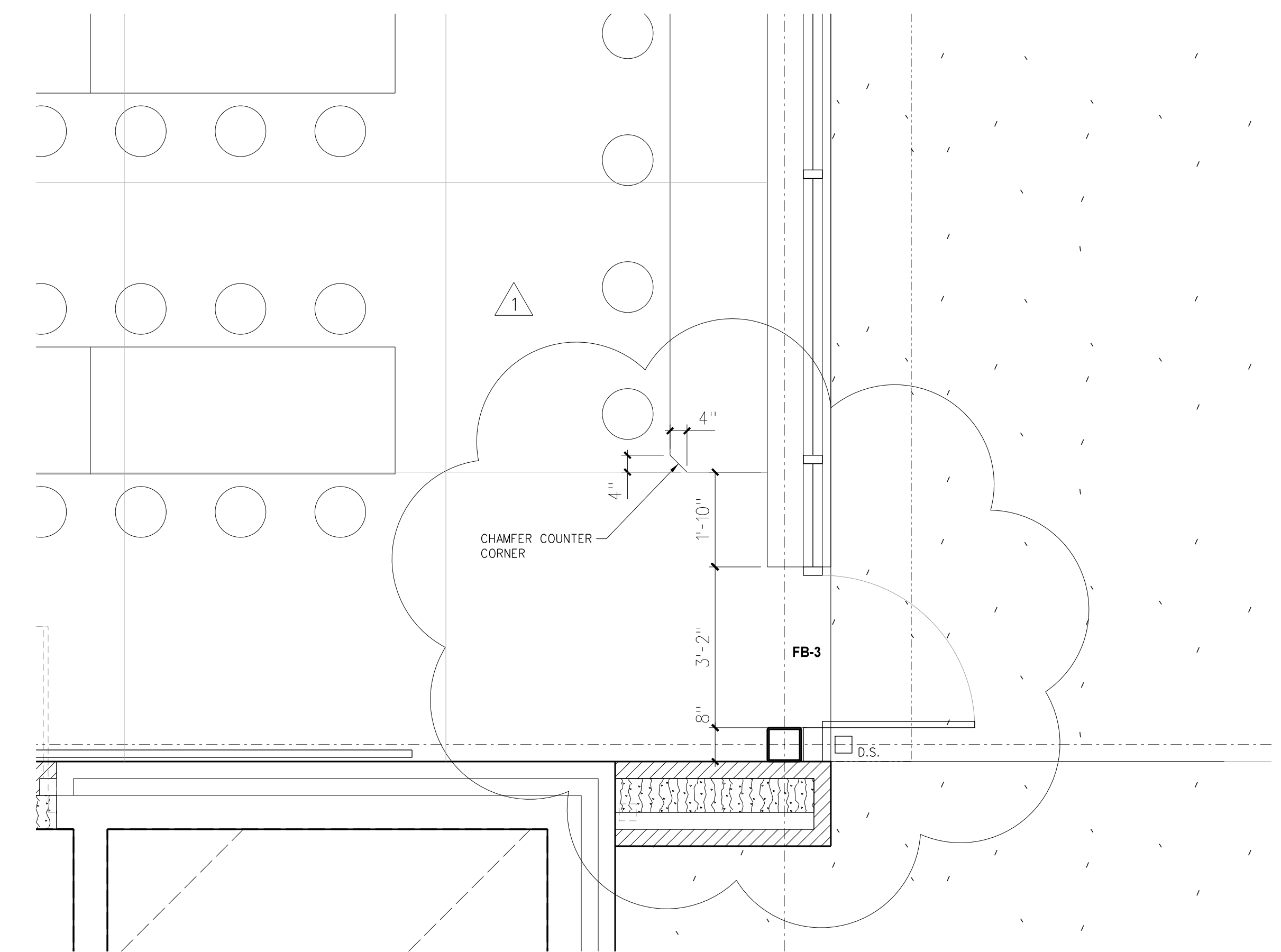
Dining Room Addition To
Overhills High School
Harnett County Schools
Harnett County / North Carolina

Project No: 21613
Date: January 2017
Drawing No: **A 101**

SEE A-201.2



200.1 BUILDING SECTION
SCALE: 1/2" = 1'-0"

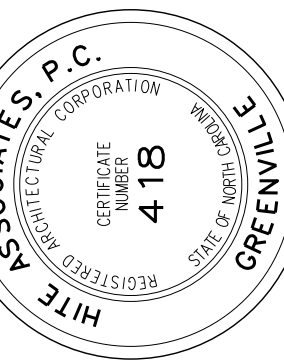


200.2 ENLARGED PARTIAL PLAN
SCALE: 1/2" = 1'-0"

SEE A-201.1

No.	Date	Revision
1	4/24/18	ADDED DOOR FB-3

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Dining Room Addition To
Overhills High School
Harnett County Schools
Harnett County / North Carolina

Project No. 21613

Date: January 2017

Drawing no.

A
200



Fire Marshal Division

May 3, 2018

Bryant Braddy
100 Arendell Ave.
Zebulon, NC 27597

**Re: Overhills Dinning Hall Addition
2495 Ray Road
Spring Lake, NC 28390**

Application Number 18-50043022

Mr. Braddy,

Thank you for submitting the plans for the dining room expansion. The plans have been carefully reviewed by a qualified code enforcement official to examine for compliance with the North Carolina Fire Prevention Code and all other fire protection regulatory documents. There are some items that were found during the plan review process that need to be addressed before a final inspection of the new facility can be given. These items are outlined and described below.

- **906.1 Fire Extinguishers**
 - Minimum of (1) 2A10:BC fire extinguisher shall be installed not to exceed 75' distance of travel.
 - All Fire extinguishers shall be properly mounted and tagged by a fire extinguisher company.
- **1006.1 Means of Egress Illumination**
 - The means of egress, including the exit discharge, shall be illuminated at all time the building space is served by the means of egress is occupied.
 - Means of egress consist of three separate and distinct parts: the exit access, the exit and the exit discharge.
 - The means of egress illumination shall not be less than 1 foot-candle at the walking surface.
- **105.7.1 Automatic fire-extinguishing systems.**



- A construction permit is required for the fire sprinkler system installation before any such work commences. Submit complete construction documents that include the hydraulic calculations for the system. The system shall also be designed consistent with the architectural design documents and specifications. Construction documents shall include detail as described in NFPA 13 standard for automatic sprinkler system installation. Contractor must obtain construction permit for the fire sprinkler system before commencement of any work.
 - A rough in inspection is required.
 - A final acceptance test is required.
- **105.7.5 Fire alarm construction permits.**
 - A construction permit is required for the fire alarm installation. Submit complete shop drawings consistent with the architectural design documents and specifications. Shop drawings shall include detail as described in Section 907.1.2 of the NC State Fire Code. Contractor must obtain the construction permit for the fire alarm system before commencement of any work.
 - A rough in inspection is required.
 - A final acceptance test is required. (100%)
- **901.2.1 State of Compliance.**
 - Before requesting final approval of the installation, where required by the fire code official, the installing contractor shall furnish a written statement to the fire code official that the subject fire protection system has been installed in accordance with the manufacturer's specifications and the appropriate installation standard. Any deviations from the design standards shall be noted and copies of the approvals for such deviations shall be attached to the written statement.
- **907.4.1 Duct Smoke detectors.**
 - Smoke detectors installed in ducts shall be listed for the air velocity, temperature and humidity present in the duct. Duct smoke detectors shall be connected to the building's fire alarm control unit when a fire alarm system is required by Section 907.2. Activation of a duct smoke detector shall initiate a visible and audible supervisory signal at a constantly attended location and shall perform the intended fire safety function in accordance with this code and the International Mechanical Code. Duct smoke detectors shall not be used as a substitute for required open area detection.



- **703.5 Identification**
 - Walls and partitions required to have protected openings shall be permanently identified with signs or stencils. **(Example “2- hour Fire Barrier Protect All Openings”)**

- Notes
 - New exit will require panic hardware.
 - A final fire inspection is required.
 - Schedule all fire inspections through the Fire Marshal’s Office.
(919)893-0743

Thank you again for submitting the plans for the expansion. Please review the plans and adhere to any notes and alterations that were made in addition to the original drawings. These remarks are for the plans that were submitted and its original intent. These remarks do not apply if the original intent changes or what was submitted on the above date changes. If you have any questions, please do not hesitate to call this office.

Sincerely,

Rodney Daniels

Rodney Daniels
Fire Marshal

DOOR SCHEDULE

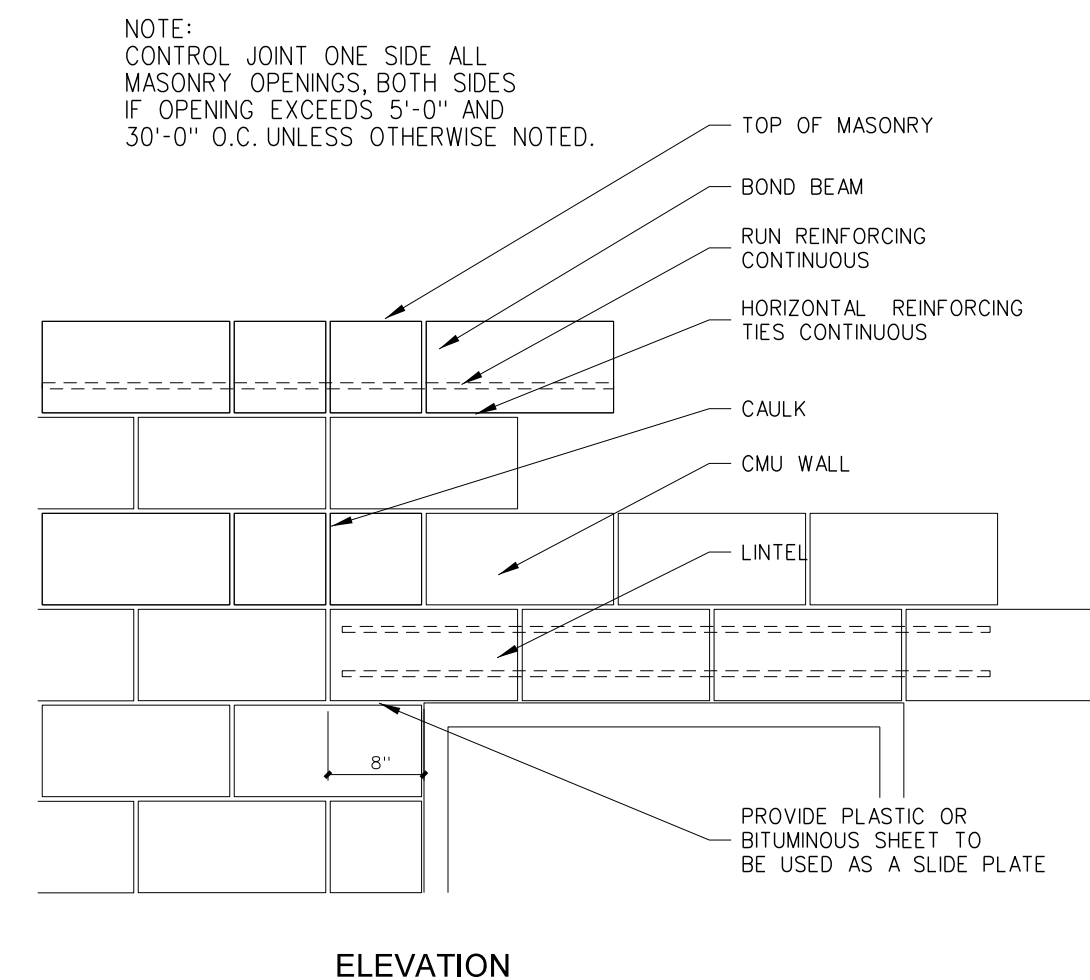
NOTE TO BIDDERS / BUILDER: EXCEL SPREADSHEET AVAILABLE ON REQUEST

MARK	SIZE	FRM WID	FIRE RATING	EXTERIOR ACCESS CONTROL LOCKSET	INT ELECTRONIC ACCESS CONTROL LOCKSET	EXT ELECTRONIC ACCESS CONTROL LOCKSET	EXT DOOR CLOSER	CLOSER WITH BACKSTOP	WALL PLATES (SET OF TWO)	FLOOR STOP	OVERHEAD STOP	HOLD STOP	PUSH STOP	UPDOWN WITH THUMBTURN	FLUSH BRGS	ASTRAGAL AND COORDINATION	PRIVACY LOCKSET WITH KICK-OUT	CLASSROOM LOCKSET	STANDARD LOCKSET	SMALL LOCKSET	50# SEAL	MAGNETIC HOLD OPEN	WIRE MULLION	SUPPLY TO WALLLESS BOTTOM ROD	PROVIDE HANDING SWEEP ON DOOR BOTTOM
FB-1	1.75 36 86	6	1	1	1																				
FB-2	PAIR 1.75 36 86	6	2	2	2																				
FB-3	1.75 36 86	6	1	1	1																				
WD-1	1.75 36 86	7.75				1				1															
WD-2	PAIR 1.75 36 86	7.75				2				2					1										
SLD-1	1.75 96 104	NA																							

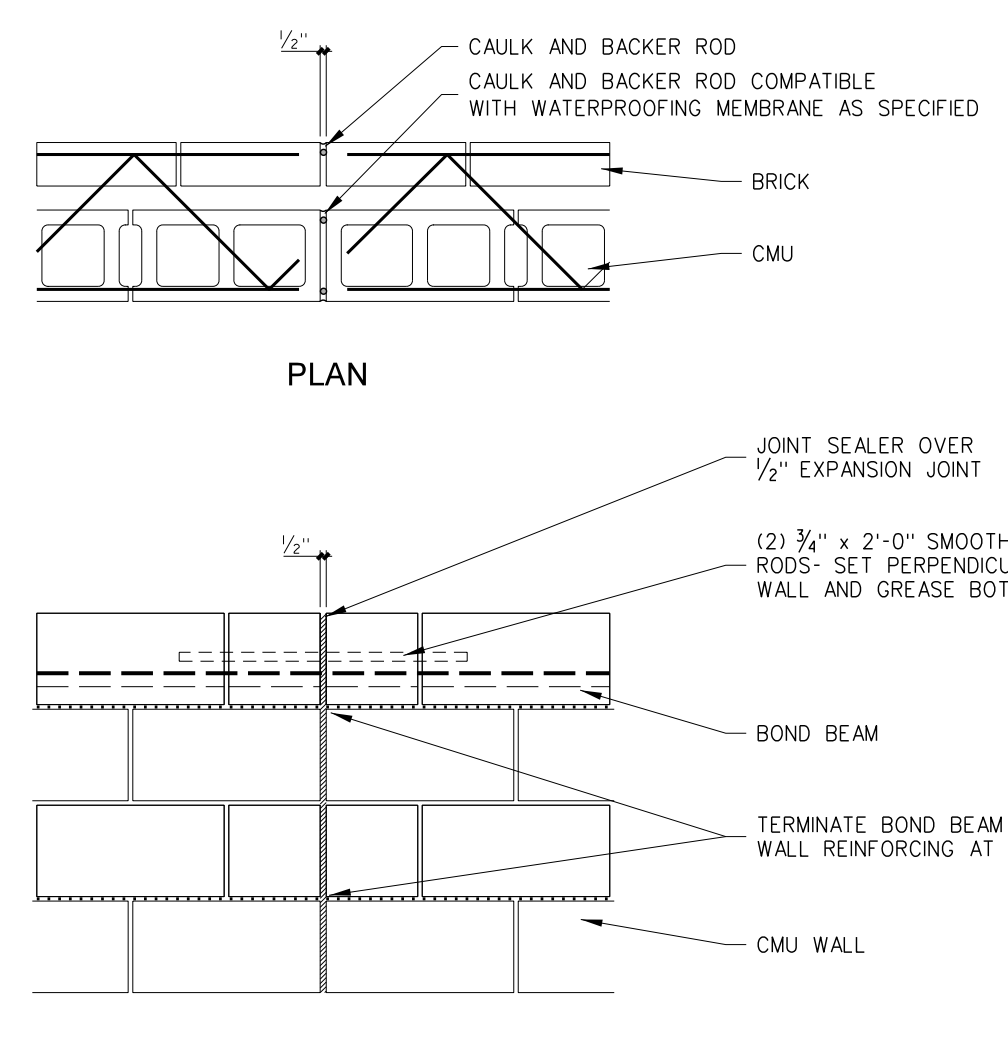
- NOTES AND GENERAL AND SPECIAL HARDWARE REQUIRED
- ALL DOORS TO RECEIVE HINGES AS SPECIFIED
 - ALL DOORS TO RECEIVE WALL OR OVERHEAD STOPS TO SUIT CONDITION OF USE. DOORS WITH MAGNETIC HOLD OPENS TO RECEIVE FLOOR STOPS.
 - PROVIDE CLOSERS WITH BACKSTOPS EXTERIOR DOORS AND TO SUIT CONDITION OF USE
 - ALL STEEL FRAMES TO BE PROVIDED WITH SILENCERS
 - EXTERIOR DOORS TO BE PROVIDED WITH WEATHERSTRIPPING AND THRESHOLDS
 - EXIT DEVICES TO BE PROVIDED WITH CYLINDERS
 - AT PAIRS OF DOORS, PULL SIDE, PROVIDE PULL OR LEVER RIGHT SIDE ONLY
 - ALUMINUM DOORS - SEE SPECIFICATIONS FOR HARDWARE NOT INDICATED ABOVE
 - PROVIDE CYLINDERS FOR KEYS SUPPLIED BY ALUMINUM DOOR SUPPLIER
 - PROVIDE SOLID WOOD BLOCKING FOR DOOR STOPS AND HOLD OPEN DEVICES
 - EXIT DEVICES AT EXTERIOR DOORS TO BE NL WITH PULL
 - EXIT DEVICES AT INTERIOR DOORS TO BE CLASSROOM FUNCTION WITH LEVER
 - PROVIDE 4" WIDE STEEL JAMBS FOR DOORS ABUTTING STEEL COLUMNS AND SPECIAL CONDITIONS AS SHOWN

ROOF FINISH SCHEDULE

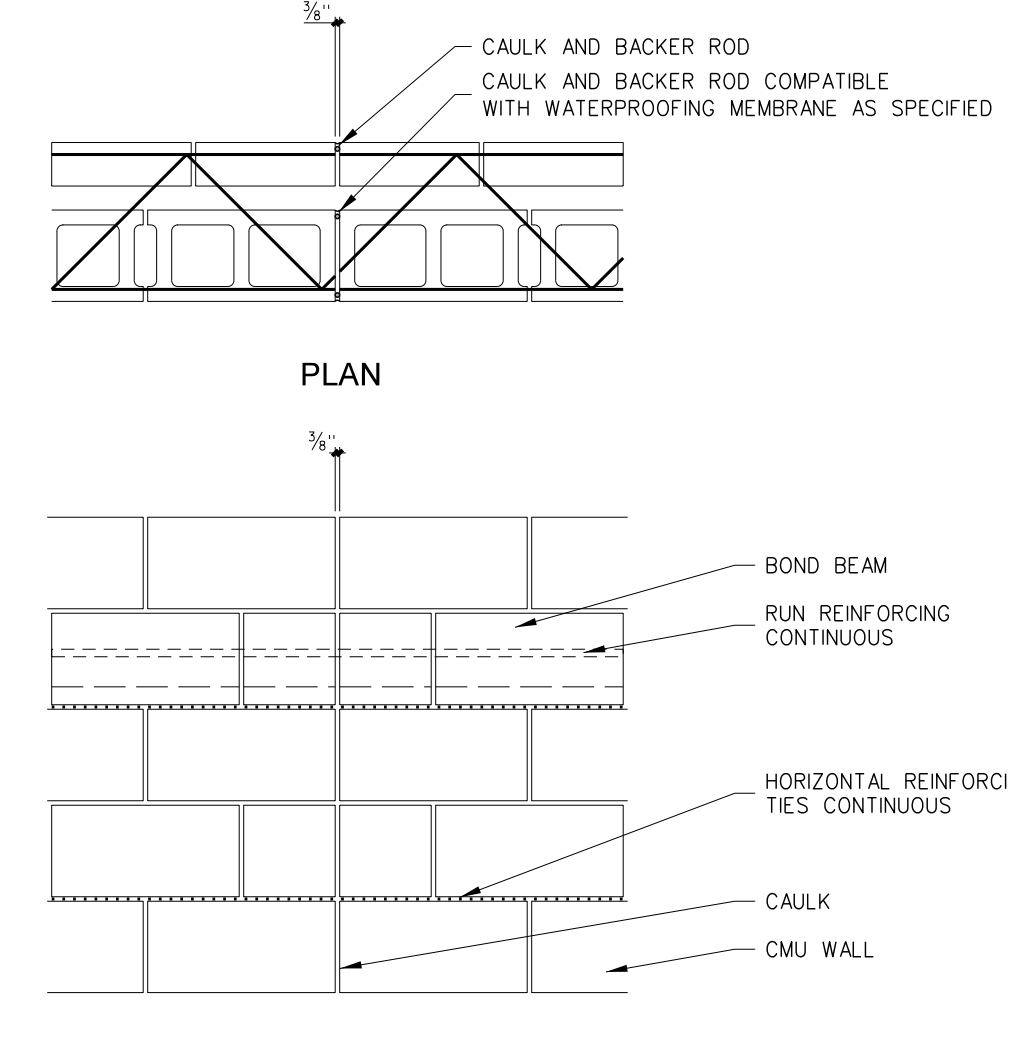
AREA	FLOOR	BASE	WALLS	CEILING	CLG HEIGHT	REMARKS
NEW DINING	TERRAZZO	4" RUBBER	PAINTED CMU/BRICK	ACOUSTICAL TILE	VAIRES	
EXISTING DINING	LCT	4" RUBBER	PAINTED CMU	ETR	ETR	REPAIR/REPLACE ALL DISTURBED SUFACES TO NEW CONDITION
NEW CORRIDOR	TERRAZZO	4" RUBBER	PAINTED CMU/BRICK	ACOUSTICAL TILE	10'-4"	REPAIR/REPLACE ALL DISTURBED SUFACES TO NEW CONDITION
MECHANICAL	SEALED CONCRETE	4" RUBBER	PAINTED CMU	NONE	VAIRES	
EXISTING KITCHEN	ETR	ETR	PAINTED CMU	ETR	ETR	



TYPICAL MASONRY OPENING CONTROL JOINT

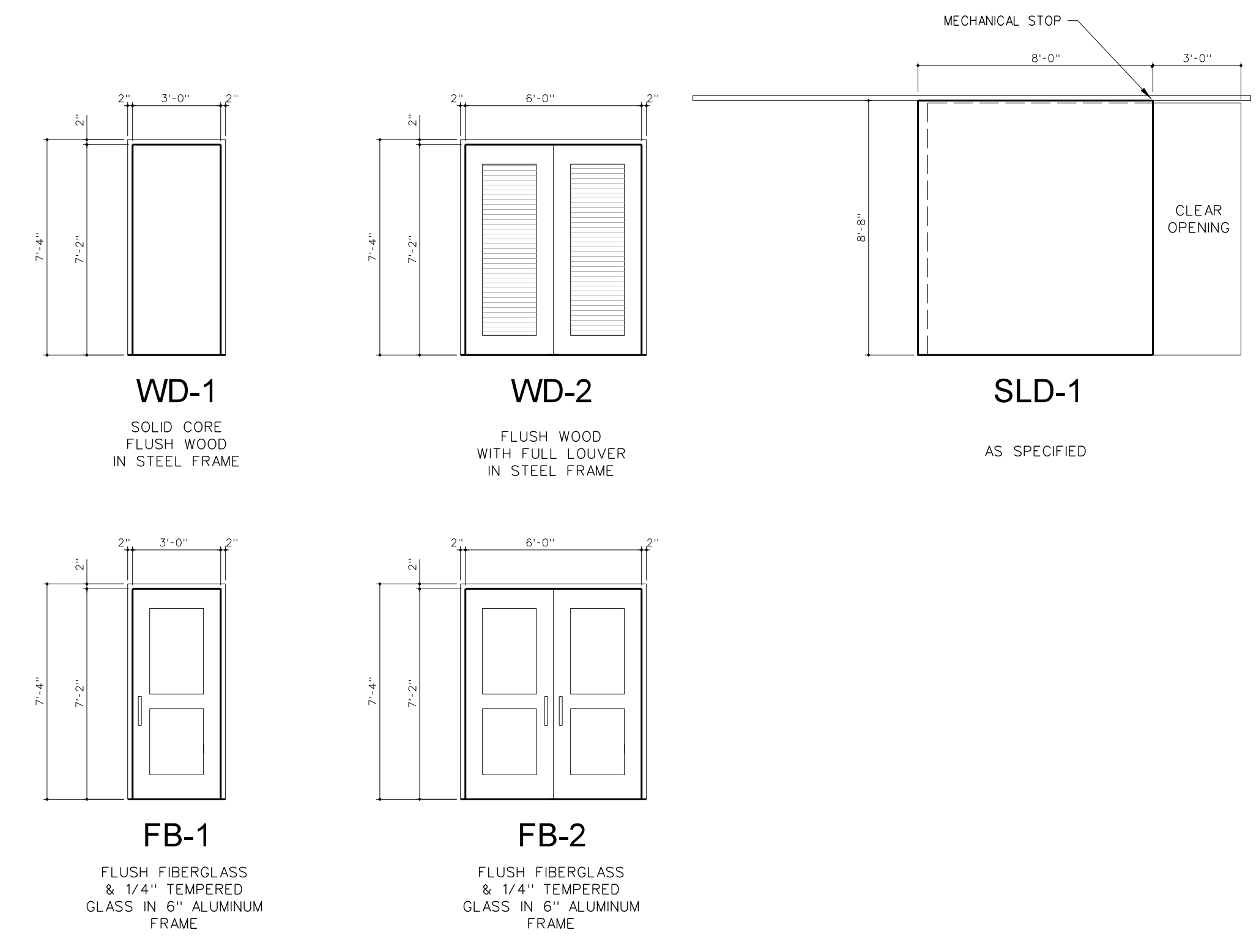


TYPICAL EXPANSION JOINT



TYPICAL CONSTRUCTION JOINT

302.2 MASONRY CONSTRUCTION JOINT DETAILS
SCALE: 3/4" = 1'-0"

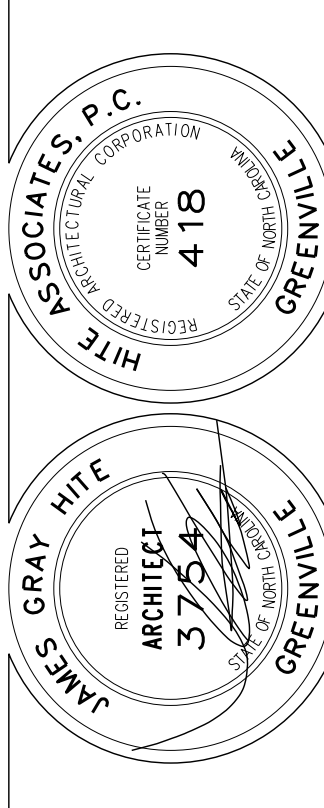


NOTE: ALL STEEL DOORS AND DOOR FRAMES TO BE GALVANIZED.

302.1 DOOR ELEVATIONS
SCALE: 1/4" = 1'-0"

No.	Date	Revision
1	4/24/18	ADDED DOOR FE-3

Hite associates
ARCHITECTURE / PLANNING / TECHNOLOGY
2600 Meridian Drive / Greenville, NC 27834 / tel (252) 757-0333



Dining Room Addition To
Overhills High School
Harnett County Schools
Harnett County / North Carolina

Project No.	21613
Date:	January 2017
Drawing no.	A 302