

2nd Floor 2024 Minimum Repairs

KEY:

Door 

Window 

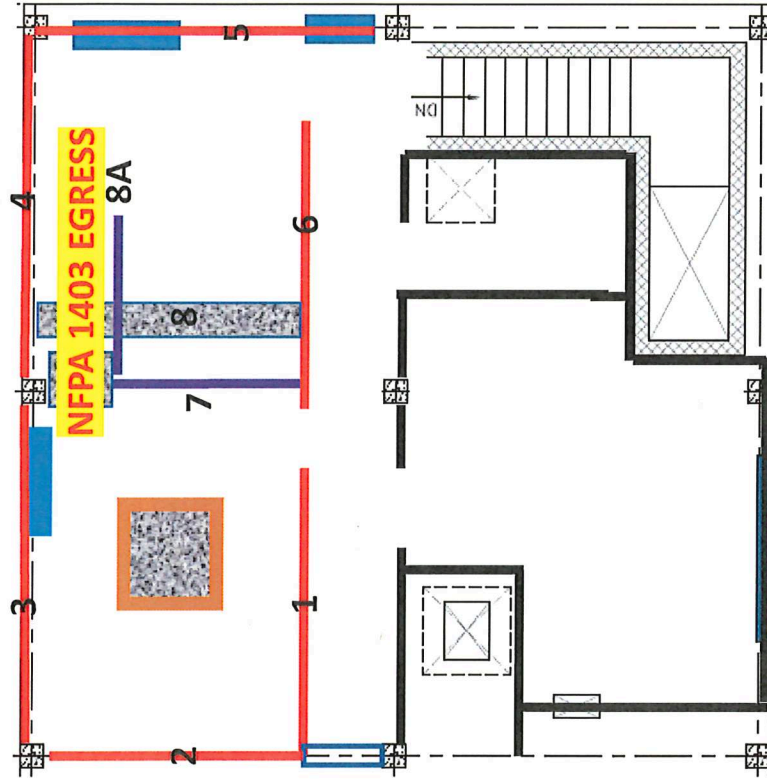
Walls 

New Walls Needed  

Updated Areas for NFPA 1402 Requirements 

Chopout repaired/filled in And thermal layering 

New thermal layering 



NOT TO SCALE

CONSULTANTS

PROFESSIONAL

PROJECT NAME

WESTMORELAND
 COUNTY COMMUNITY
 COLLEGE CLASS A
 BURN BUILDING

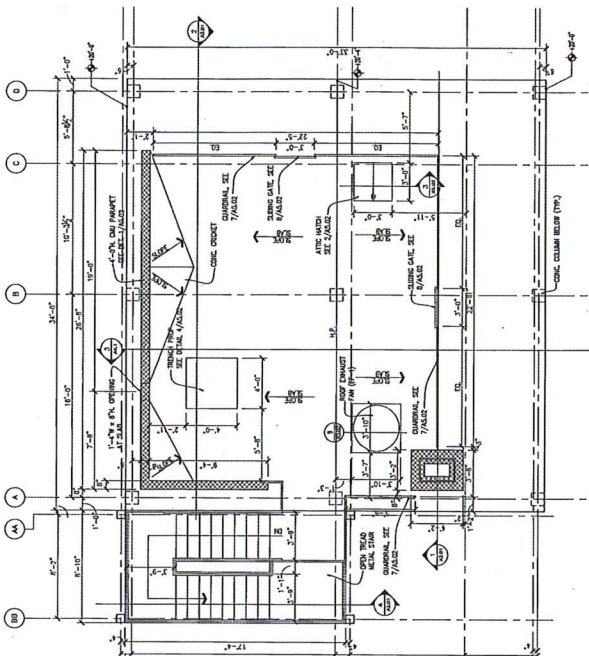
OWNER:
 WESTMORELAND COUNTY
 COMMUNITY COLLEGE
 YOUNGWOOD, PA. 15087

REF PLAN

MARK DATE DESCRIPTION
 ISSUE: 05 / 02 / 07
 PROJECT NO: 07-2200 - 0175
 CAD/DWG FILE: X0000000.dwg
 DRAWN BY: JOC
 CHECKED BY: JOC
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 Architects and Engineers, Inc.

SHEET TITLE
 FIRST FLOOR PLAN,
 SECOND-FLOOR-PLAN,
 ROOF PLAN
 AND
 SCHEDULES

A1.01



ROOF PLAN
 1/4" = 1'-0"

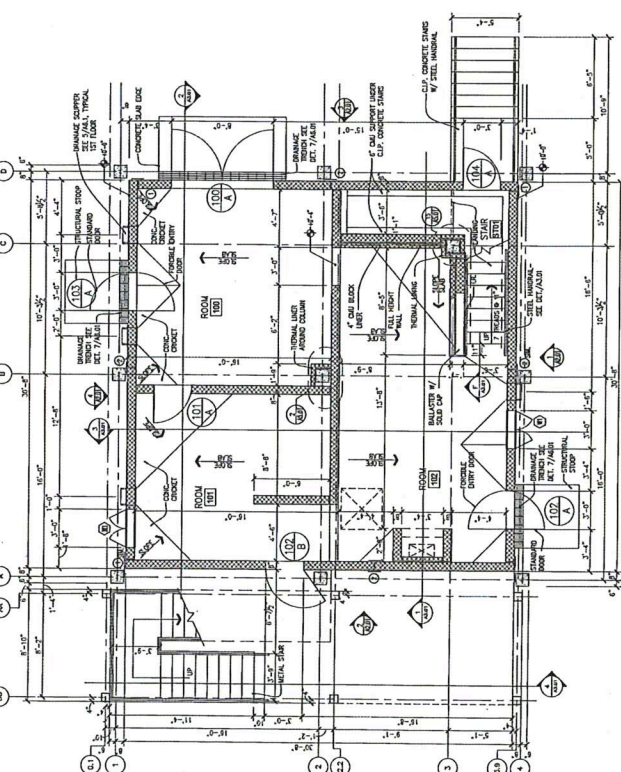
ROOM FINISH SCHEDULE

ROOM NO.	ROOM NAME	FLOOR	WALLS		CEILING	REMARKS
			NORTH	SOUTH		
101	REAR OFFICE	CONCRETE	CONCRETE	CONCRETE	CONCRETE	
102	REAR OFFICE	CONCRETE	CONCRETE	CONCRETE	CONCRETE	
103	REAR OFFICE	CONCRETE	CONCRETE	CONCRETE	CONCRETE	
104	REAR OFFICE	CONCRETE	CONCRETE	CONCRETE	CONCRETE	
105	REAR OFFICE	CONCRETE	CONCRETE	CONCRETE	CONCRETE	
106	REAR OFFICE	CONCRETE	CONCRETE	CONCRETE	CONCRETE	
107	REAR OFFICE	CONCRETE	CONCRETE	CONCRETE	CONCRETE	
108	REAR OFFICE	CONCRETE	CONCRETE	CONCRETE	CONCRETE	
109	REAR OFFICE	CONCRETE	CONCRETE	CONCRETE	CONCRETE	
110	REAR OFFICE	CONCRETE	CONCRETE	CONCRETE	CONCRETE	

DOOR AND FRAME SCHEDULE

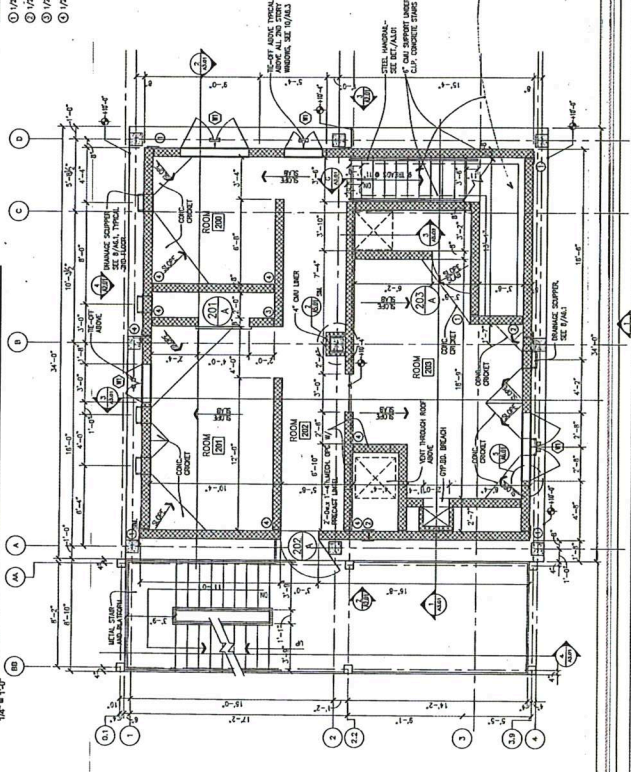
DOOR NO.	NO.	TYPE	SIZE	MATERIAL	GLAZING	TYPE	MANT.	FRAME		REMARKS
								HEAD	JAMB	
101	101	SW	3'-0" x 7'-0"	ALUMINUM	GLASS	SLIP	---	---	---	---
102	102	SW	3'-0" x 7'-0"	ALUMINUM	GLASS	SLIP	---	---	---	---
103	103	SW	3'-0" x 7'-0"	ALUMINUM	GLASS	SLIP	---	---	---	---
104	104	SW	3'-0" x 7'-0"	ALUMINUM	GLASS	SLIP	---	---	---	---
105	105	SW	3'-0" x 7'-0"	ALUMINUM	GLASS	SLIP	---	---	---	---
106	106	SW	3'-0" x 7'-0"	ALUMINUM	GLASS	SLIP	---	---	---	---
107	107	SW	3'-0" x 7'-0"	ALUMINUM	GLASS	SLIP	---	---	---	---
108	108	SW	3'-0" x 7'-0"	ALUMINUM	GLASS	SLIP	---	---	---	---
109	109	SW	3'-0" x 7'-0"	ALUMINUM	GLASS	SLIP	---	---	---	---
110	110	SW	3'-0" x 7'-0"	ALUMINUM	GLASS	SLIP	---	---	---	---

GENERAL NOTES:
 1. SEE SHEET A1.01 FOR DOOR TYPES AND DETAILS.



FIRST FLOOR PLAN
 1/4" = 1'-0"

- REMARKS:
 ① 1/2" EPS JOINT SEE DET. 3/A1.01
 ② 1/2" EPS JOINT SEE DET. 4/A1.01
 ③ 1/2" EPS JOINT SEE DET. 5/A1.01
 ④ 1/2" EPS JOINT SEE DET. 6/A1.01



SECOND FLOOR PLAN
 1/4" = 1'-0"

CONSULTANTS

PROFESSIONAL

PROJECT NAME

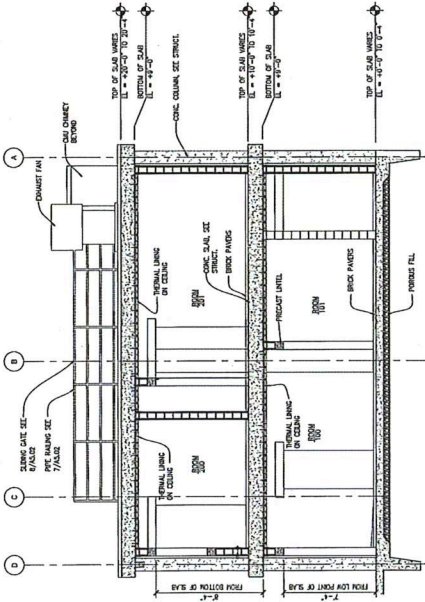
WESTMORELAND COUNTY COMMUNITY COLLEGE CLASS A BURN BUILDING
 OWNER: WESTMORELAND COUNTY COMMUNITY COLLEGE
 YOUNGWOOD, PA, 15087

REVISION

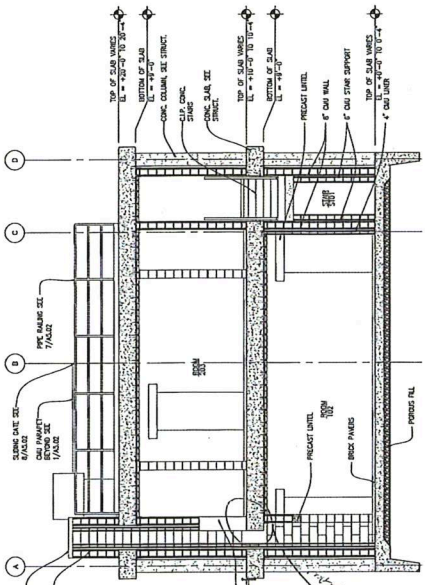
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BUILDING SECTIONS

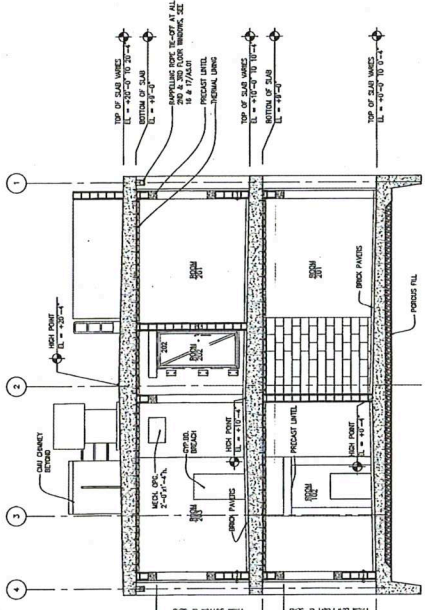
A3.01



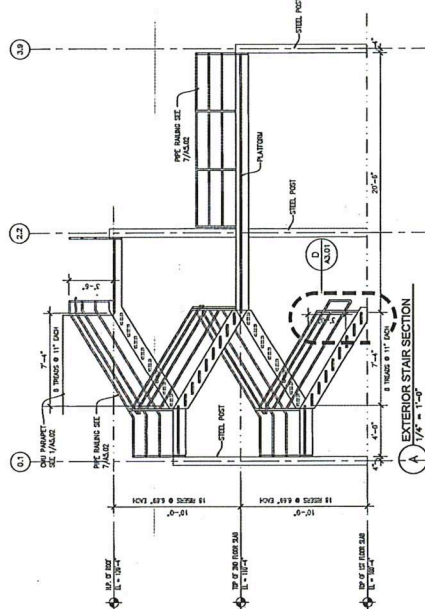
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1/4" = 1'-0"



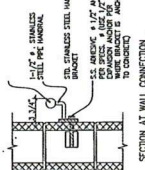
2 BUILDING SECTION
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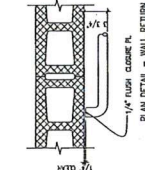
3 BUILDING SECTION
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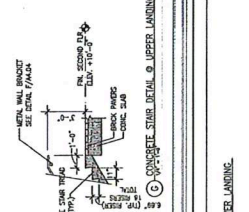
EXTERIOR STAIR SECTION
1/4" = 1'-0"



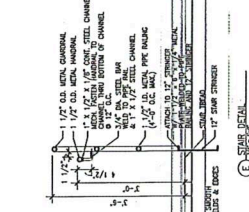
SECTION AT WALL CONNECTION
INTERIOR HANDRAIL DETAIL



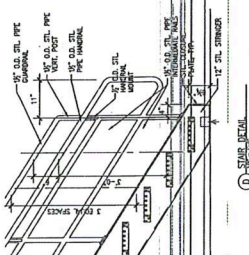
1/4\"/>
 INTERIOR HANDRAIL DETAIL



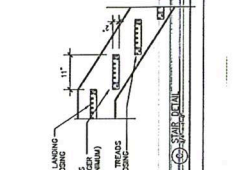
CONCRETE STAIR DETAIL & UPPER LANDING



STAIR DETAIL



STAIR DETAIL



STAIR DETAIL

CONSULTANTS

PROFESSIONAL

PROJECT NAME

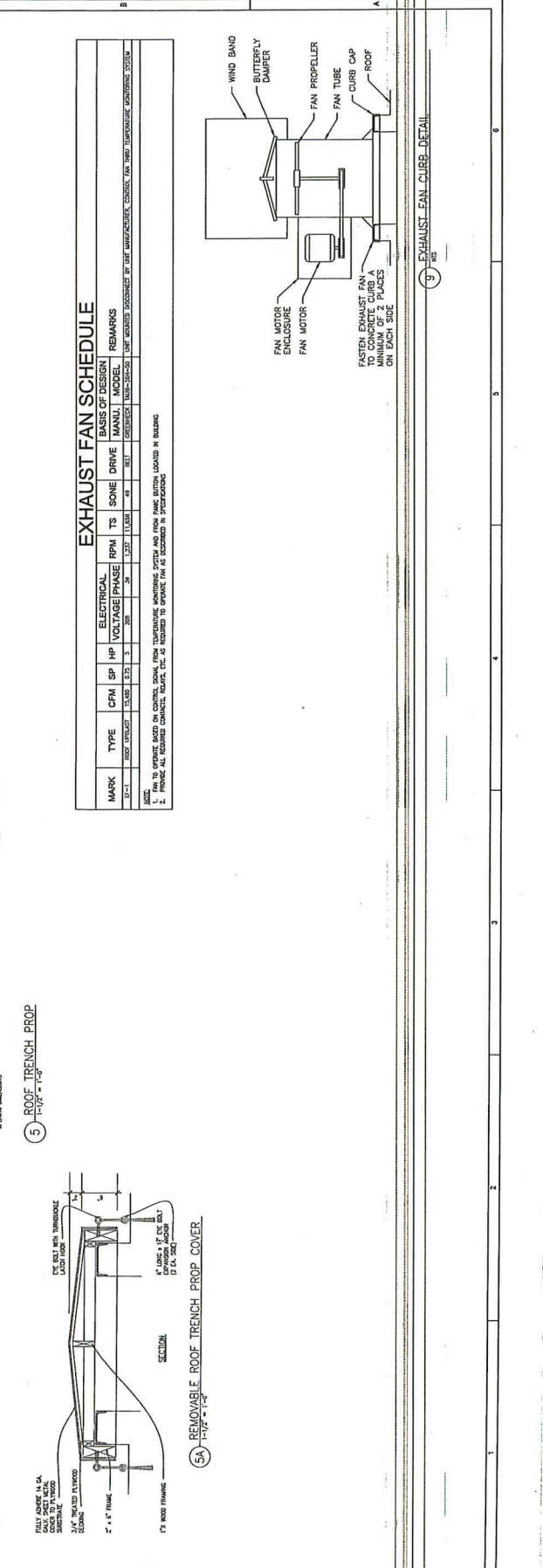
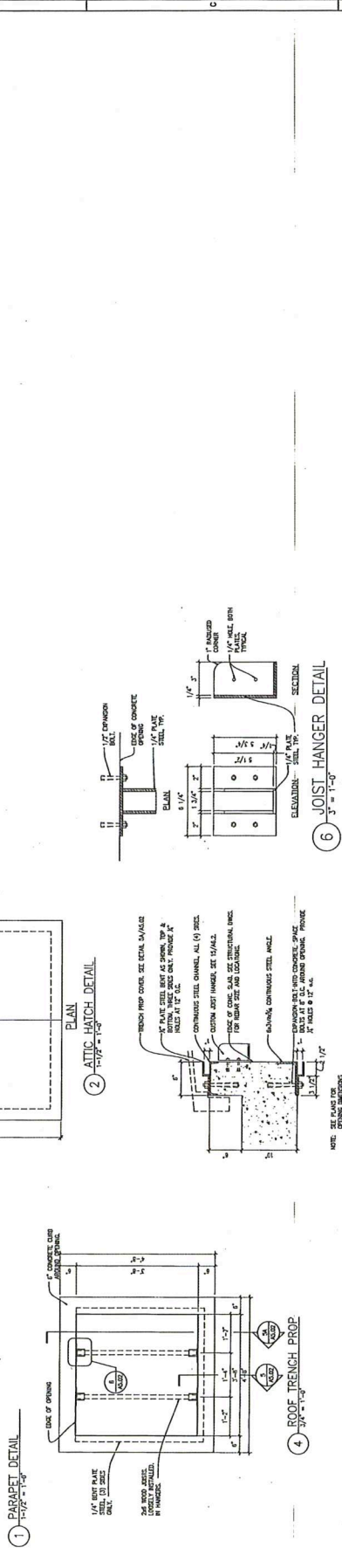
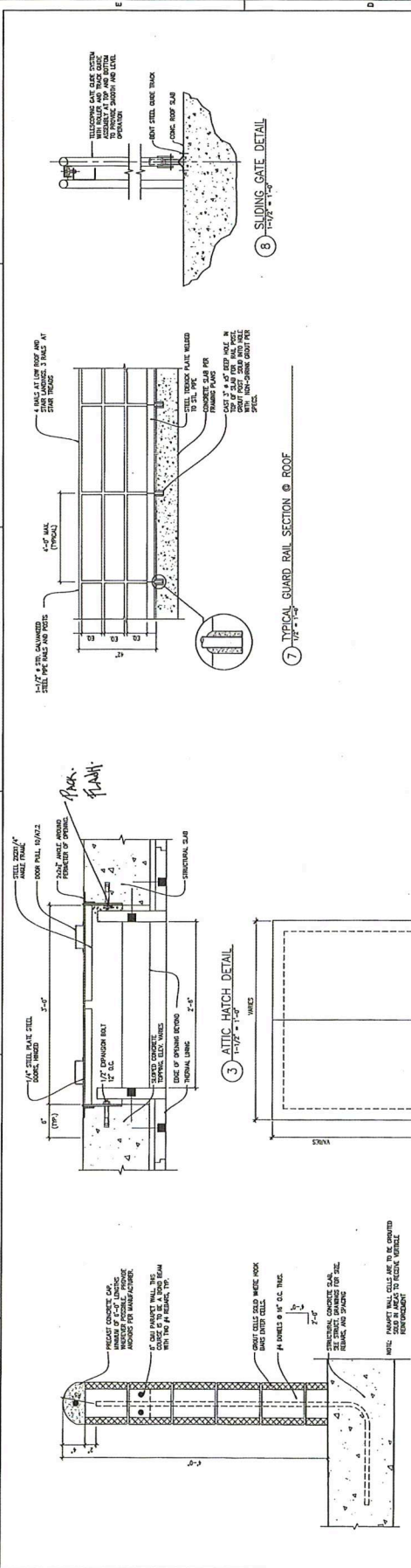
WESTMORELAND
 COUNTY COMMUNITY
 COLLEGE CLASS A
 BURN BUILDING
 OWNER
 WESTMORELAND COUNTY
 COMMUNITY COLLEGE
 YOUNGWOOD, PA. 15087

KEY PLAN

MARK	DATE	DESCRIPTION
ISSUE	05/02/07	
PROJECT NO.	07-2200-0775	
CAD FILE	20000000.dwg	
DESIGNED BY	DLG	
CHECKED BY	DLG	
SHEET TITLE		

ROOF DETAILS

A5.02



NOTES:
 1. PROVIDE ALL REQUIRED CONNECTIONS TO THE MANUFACTURER'S CONNECTION SYSTEM.
 2. PROVIDE ALL REQUIRED CONNECTIONS TO THE MANUFACTURER'S CONNECTION SYSTEM.

CONSULTANTS

PROFESSIONAL

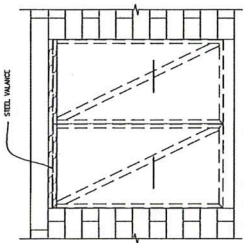
PROJECT NAME

WESTMORELAND
 COUNTY COMMUNITY
 COLLEGE CLASS A
 BURN BUILDING
 OWNER
 WESTMORELAND COUNTY
 COMMUNITY COLLEGE
 YOUNGWOOD, PA. 15087

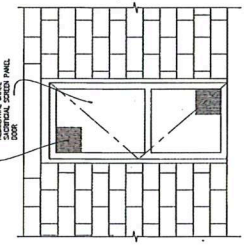
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ISSUE	05/02/07	
PROJECT NO.	07-2005-0175	
DATE PLOTTED	05/03/07	
DESIGNED BY	AKS	
CHECKED BY	DS	
© L. Robert Kimball & Associates Architects and Engineers, Inc.		
SHEET TITLE		

DOOR TYPES
 AND DETAILS

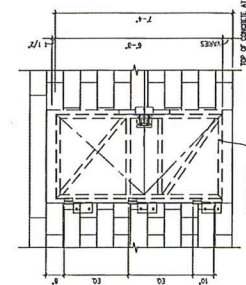
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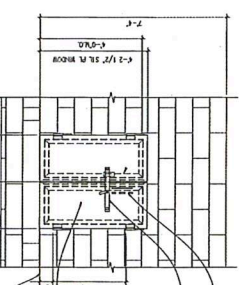
TYPE C - PLATE STEEL SLIDING DOOR
 $1/2" \times 1/2"$



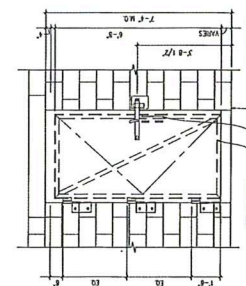
TYPE F - WOOD SCREEN DOOR
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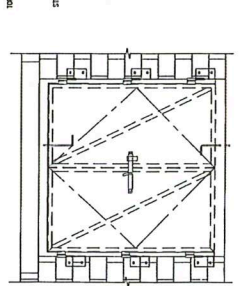
TYPE B - PLATE STEEL FORCIBLE ENTRY
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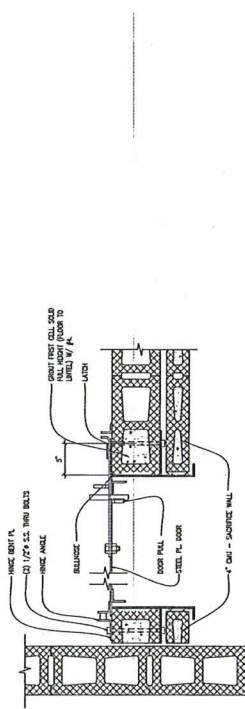
TYPE G - STEEL SHUTTER ELEVATION
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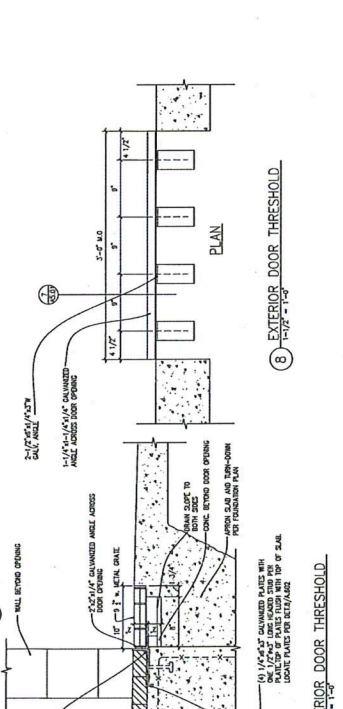
TYPE A - PLATE STEEL DOUBLE DOOR
 $1/2" \times 1/2"$



TYPE D - PLATE STEEL DOUBLE DOOR
 $1/2" \times 1/2"$

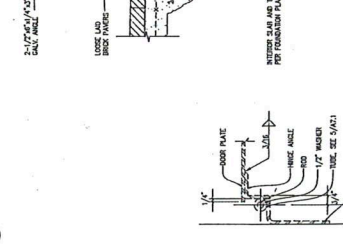


DOOR JAMB DETAIL
 $1/2" \times 1/2"$

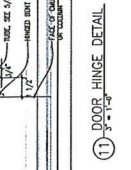


EXTERIOR DOOR THRESHOLD
 $1/2" \times 1/2"$

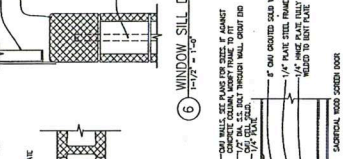
DOOR OR WINDOW HEAD DETAIL
 $1/2" \times 1/2"$



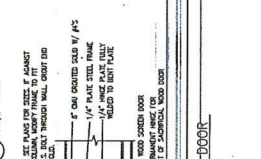
DOOR HINGE DETAIL
 $1/2" \times 1/2"$



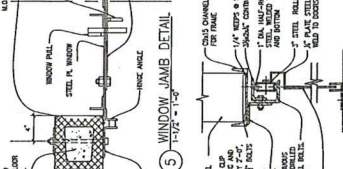
DOOR SILL DETAIL
 $1/2" \times 1/2"$



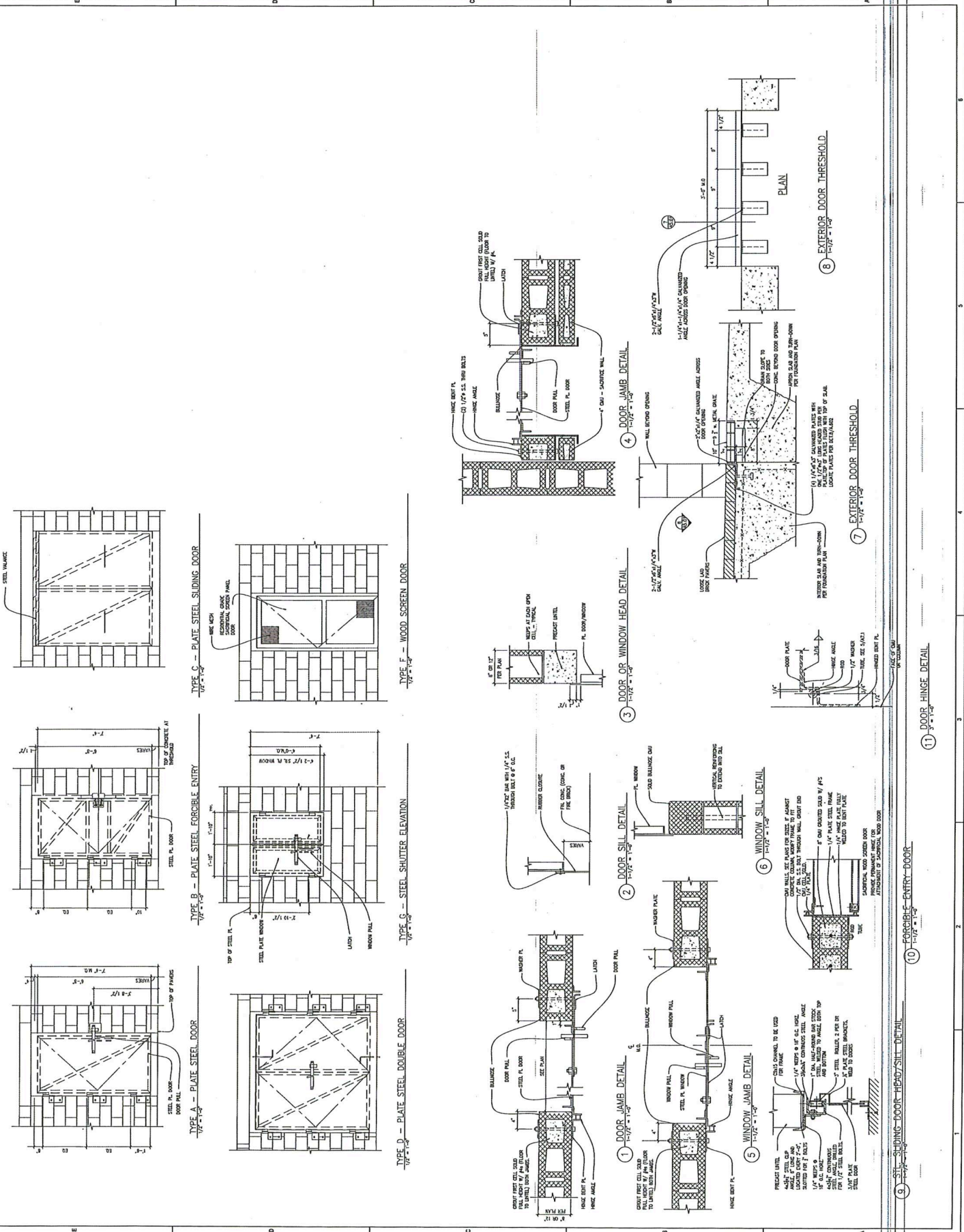
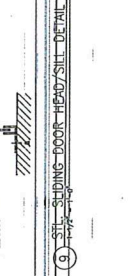
WINDOW SILL DETAIL
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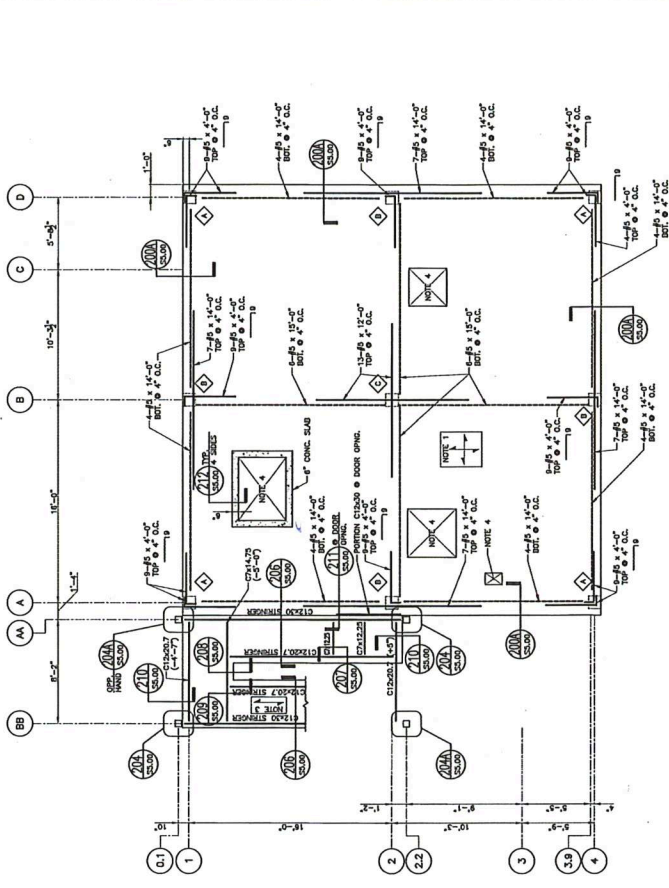


DOOR JAMB DETAIL
 $1/2" \times 1/2"$



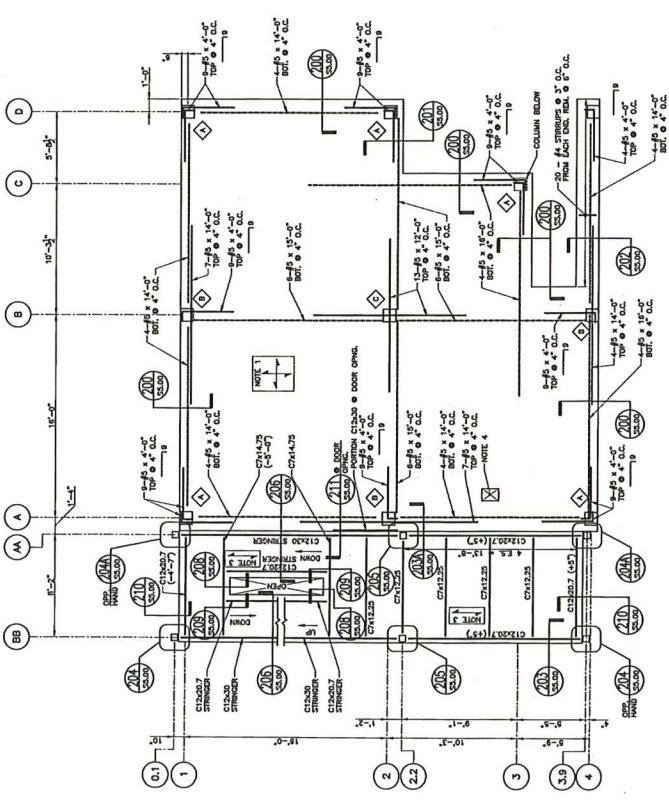
SLIDING DOOR HEAD/SILL DETAIL
 $1/2" \times 1/2"$





SECOND FLOOR FRAMING PLAN
 SCALE 1/4" = 1'-0"

- NOTES:
1. 12" MIN. CONC. SLAB O.C. TOP & BECK... SEE PLAN FOR ADJUST. SLAB THICKNESS.
 2. ELEM. 7/2228 - 112-237 TYP. UNLESS NOTED (A) FROM 112-237.
 3. 1 1/2" MIN. CONC. CHAIR FLOORING... SEE PLAN FOR ADJUST. SLAB THICKNESS.
 4. SLAB O.C. PER TYP. DETAILS
 5. ALL CONC. MASONRY PARTITIONS TO BE... ALL MASONRY PARTITION OPENINGS TO BE... ALL EXTERIOR STEEL TO BE GALVANIZED.
 6. ALL EXTERIOR STEEL TO BE GALVANIZED.



ROOF FRAMING PLAN
 SCALE 1/4" = 1'-0"

- NOTES:
1. 12" MIN. CONC. SLAB O.C. TOP & BECK... SEE PLAN FOR ADJUST. SLAB THICKNESS.
 2. ELEM. 7/2228 - 112-237 TYP. UNLESS NOTED (A) FROM 112-237.
 3. 1 1/2" MIN. CONC. CHAIR FLOORING... SEE PLAN FOR ADJUST. SLAB THICKNESS.
 4. SLAB O.C. PER TYP. DETAILS
 5. ALL CONC. MASONRY PARTITIONS TO BE... ALL MASONRY PARTITION OPENINGS TO BE... ALL EXTERIOR STEEL TO BE GALVANIZED.
 6. ALL EXTERIOR STEEL TO BE GALVANIZED.

CONSULTANTS



PROFESSIONAL

PROJECT NAME
WESTMORELAND COUNTY COMMUNITY COLLEGE CLASS A BURN BUILDING
 WESTMORELAND COUNTY COMMUNITY COLLEGE
 YOUNGWOOD, PA 15087

DATE: 05/02/07
 DRAWN BY: RSB
 CHECKED BY: RSB

SECTION TITLE
SECTIONS AND DETAILS

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

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

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

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

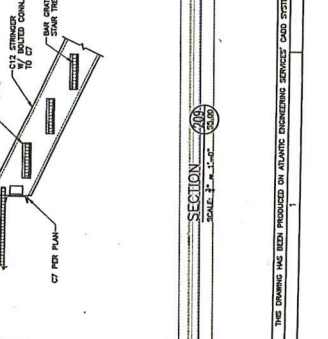
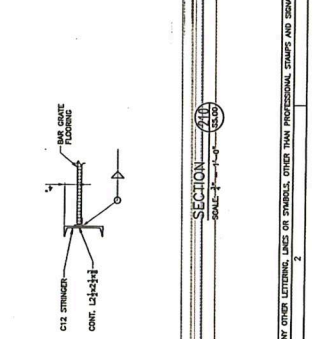
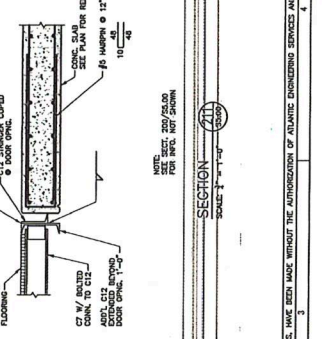
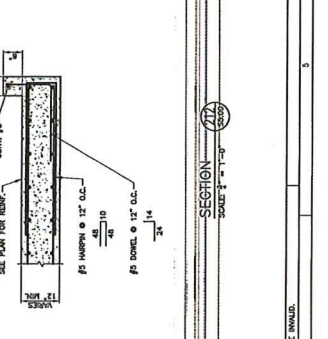
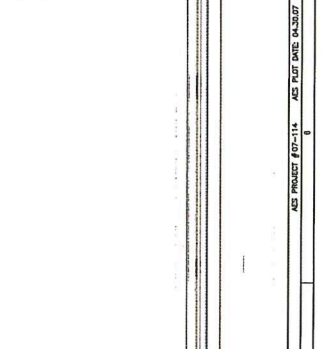
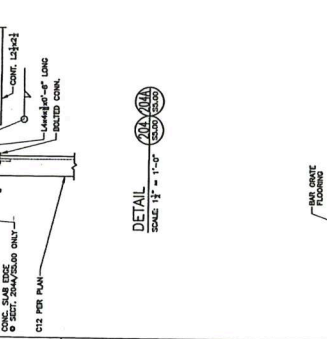
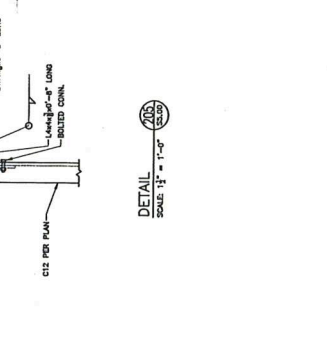
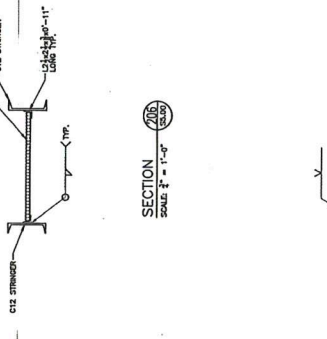
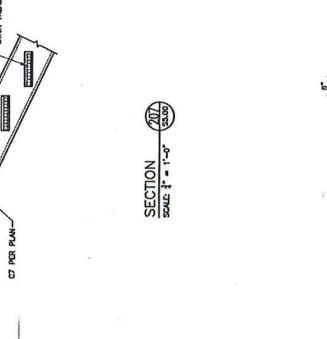
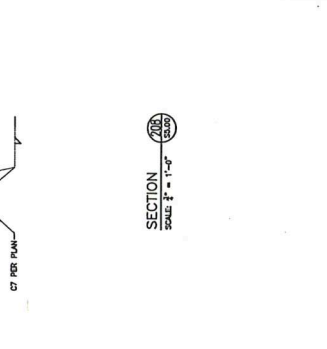
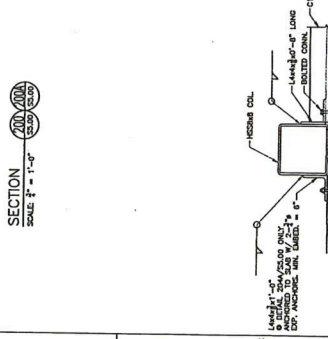
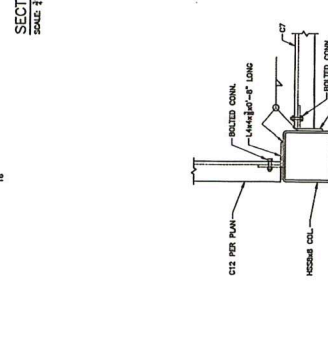
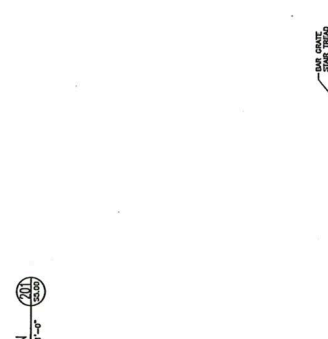
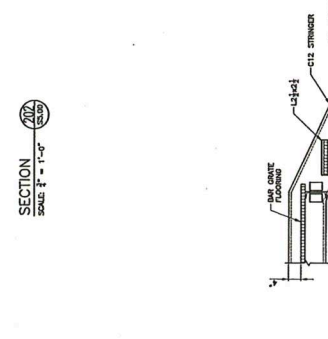
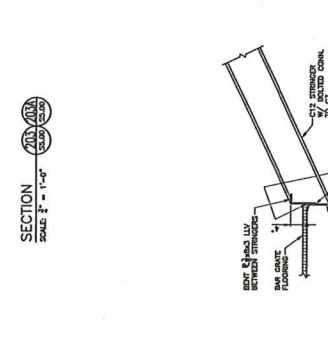
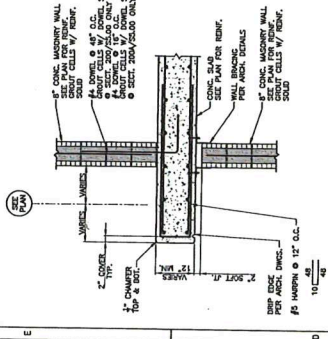
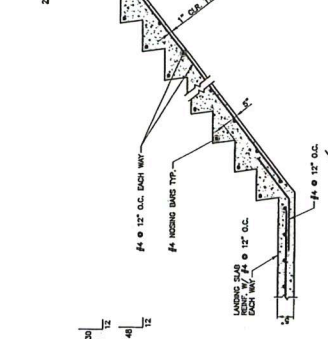
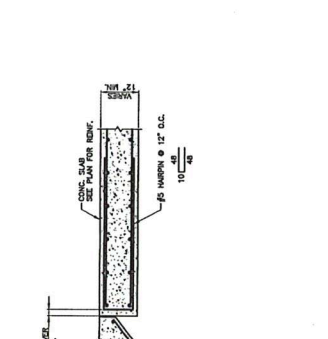
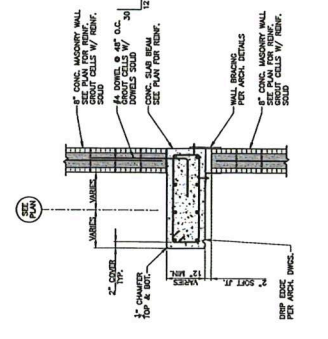
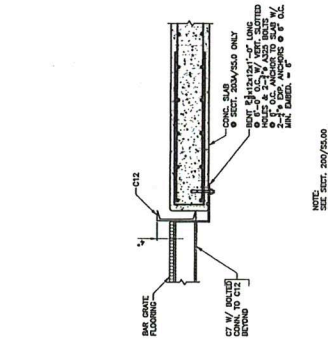
SCALE: 1/8" = 1'-0"

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

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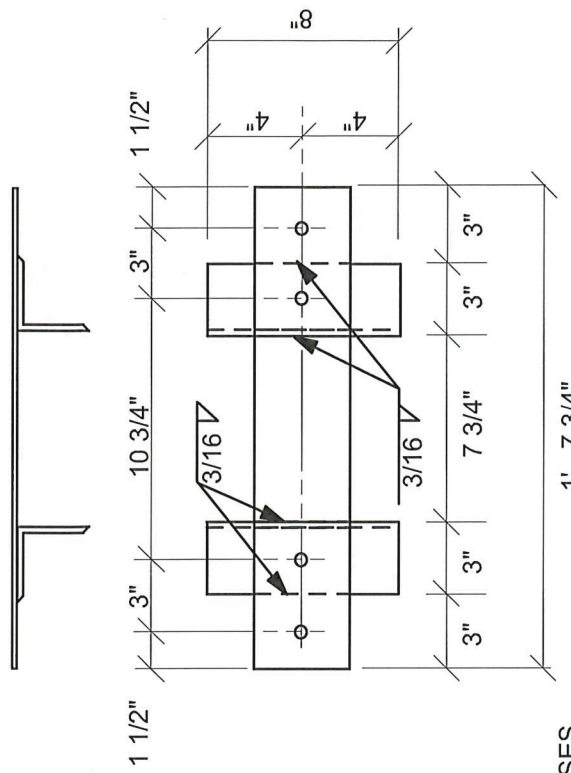
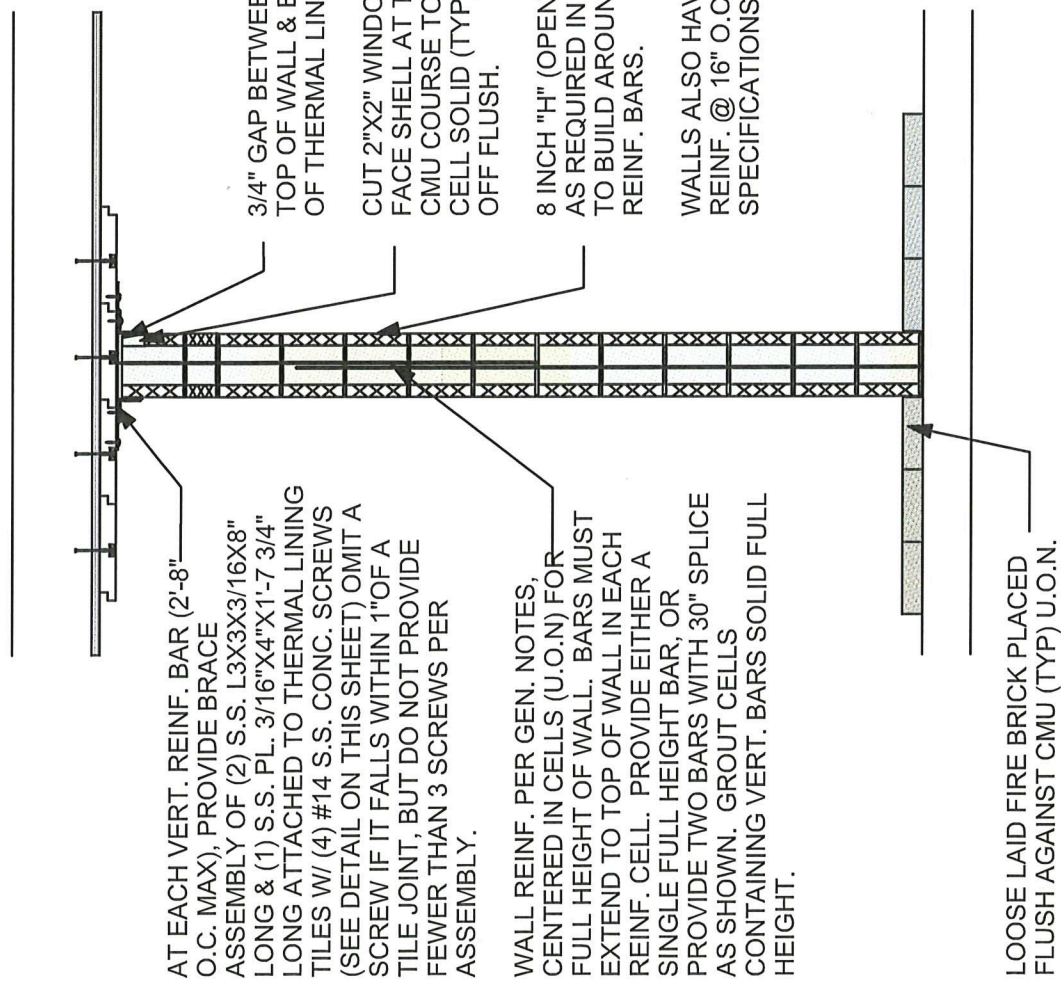
SCALE: 1/8" = 1'-0"

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



THE DRAWING HAS BEEN PRODUCED ON ADVANTAGE ENGINEERING SERVICES' CAD SYSTEM. ANY OTHER LITERAL LINES OR SYMBOLS OTHER THAN PROFESSIONAL STAMPS AND DIMENSIONS, HAVE BEEN MADE WITHOUT THE AUTHORIZATION OF ADVANTAGE ENGINEERING SERVICES AND ARE INVALID.

\$5.00



WALL BRACING ASSEMBLY
Scale: 1 1/2" = 1'-0"

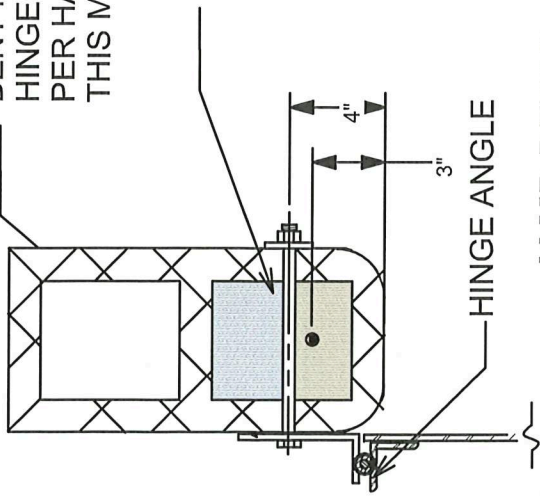
Scale: 1 1/2" = 1'-0"

HIGH TEMPERATURE LININGS
INTERIOR WALL REINF / BRACING
2014

Prepared by High Temperature Linings
P. O. Box 1240, White Stone, VA 22578
800-411-6313 / www.firetrain.com

BENT PL W/
HINGE ASSEMBLY
PER HARDWARE DETAILS IN
THIS MANUAL

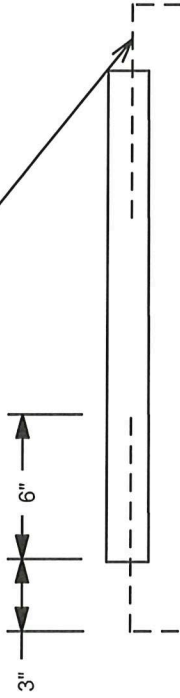
(2) 1/2" DIA S.S. THRU-BOLTS & NUTS
SEE HARDWARE DETAILS IN THIS MANUAL



JAMB DETAIL

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

(1) #4 X 18" LONG + 4" HOOK EA END.
TIE HOOK INTO REINF JAMB AND GROUT
SOLID INTEGRAL WITH JAMB GROUTING



ELEVATION VIEW OF SILL

Scale: 3/4" = 1'-0"

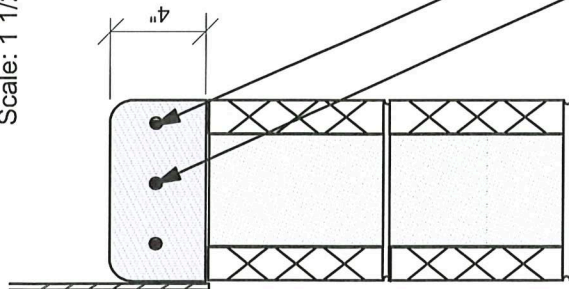
SEE LINTEL DETAILS IN THIS MANUAL FOR
HEAD CONDITION

HIGH TEMPERATURE LININGS
TYPICAL JAMB AND WINDOW SILL

2013

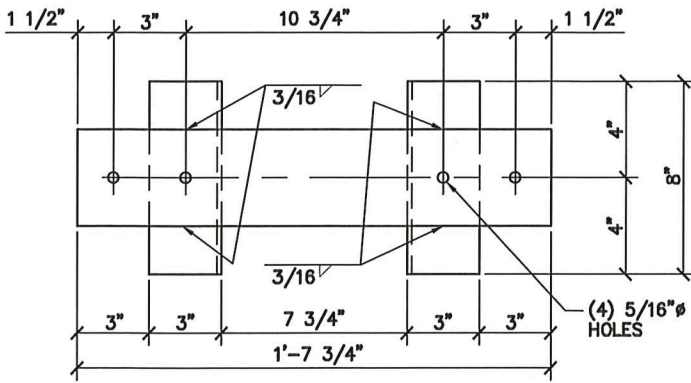
(2) # 4 X OPENING
LESS 4"

(1) # 4 X 18" LONG + 4" HOOK
AT EACH END



SILL DETAIL

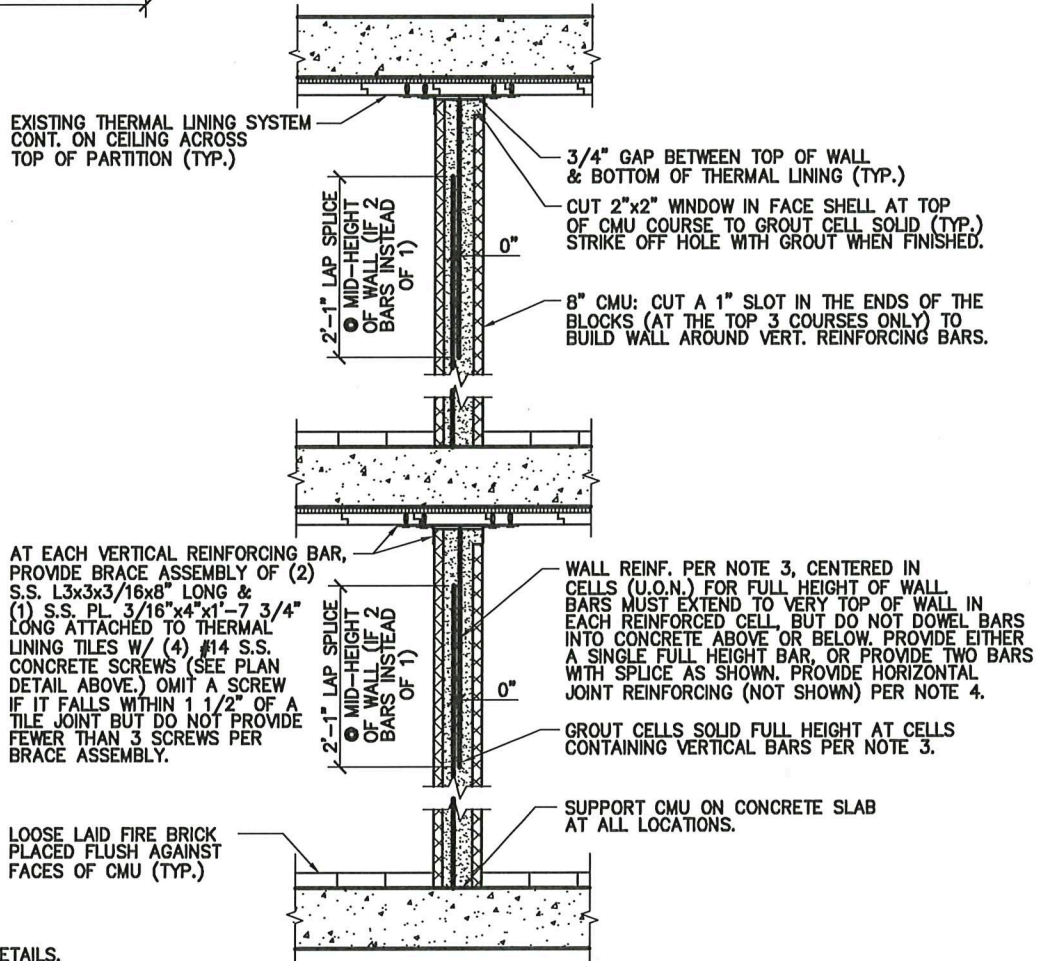
Scale: 1 1/2" = 1'-0"



NOTES:

- ENTIRE ASSEMBLY SHALL BE ON SITE PRIOR TO CONSTRUCTION OF MASONRY WALLS. SET ASSEMBLY ON BLOCK ADJACENT TO BLOCK THAT WILL BE GROUTED. ONCE GROUTED BLOCK IS IN PLACE, SLIDE ASSEMBLY INTO PLACE, LIFT, AND ATTACH TO THERMAL LINING TILES ABOVE.

PLAN DETAIL OF BRACE



NOTES:

- SEE DETAIL 1/SK-3 FOR TYPICAL LINTEL DETAILS.
- PROVIDE FULL 8" TALL COURSE AT TOPS OF ALL WALLS. IF WALL DOES NOT COURSE HORIZONTALLY, PROVIDE SHORT COURSE WITHIN WALL LENGTH AT ANY LOCATION OTHER THAN AT ENDS OF WALL OR AT DOOR OR WINDOW JAMBS.
- PROVIDE #4 VERTICAL WALL REINFORCING BAR AT EVERY JAMB, AT ENDS OF ALL WALLS, AT EACH CELL ON EITHER SIDE OF EXPANSION JOINTS, AND AT 24" O.C. MAX. IN BETWEEN THOSE OTHER LOCATIONS. GROUT ALL CELLS WITH REINFORCING SOLID FOR FULL HEIGHT OF WALL WITH 3,000 PSI GROUT PER ASTM C-476.
- PROVIDE HORIZONTAL JOINT REINFORCING AT 16" O.C. MAX. VERTICALLY IN WALLS. JOINT REINFORCING SHALL EXTEND FULLY TO ENDS OF EVERY WALL LENGTH.
- PROVIDE 2-CELL NORMAL WEIGHT CONCRETE BLOCK CONFORMING TO ASTM C-90. PROVIDE UNITS WITH MINIMUM AVERAGE NET-AREA COMPRESSIVE STRENGTH OF 1,900 PSI, WITH MORTAR THAT CONFORMS TO ASTM C-270, TYPE S AND WITH INTEGRAL WATER REPELLENT ADMIXTURE IN THE CMU (AT BATCH PLANT) AND ADDED TO THE MORTAR.
- PROVIDE BULLNOSED CMU AT ALL JAMBS, AT WALL CORNERS, AND AT ENDS OF WALLS THAT DO NOT INTERSECT OTHER WALLS.

WALL SECTION

TYPICAL NON-BEARING MASONRY WALL REINFORCING AND BRACING DETAILS



PROJECT: BUTLER COUNTY C.C. BURN BUILDING – 2020 STRUCTURAL EVALUATION

DRAWING TITLE: TYP. MASONRY WALL REINF. & BRACING DETAILS

EL&A NO.: 20018

Elliott, LeBoeuf & McElwain
8001 Forbes Place, Suite 201
Springfield, VA 22151

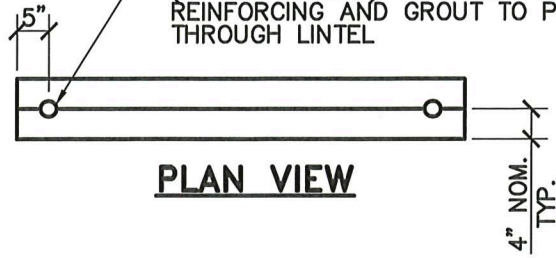
Phone (703) 321-2100
Fax (703) 321-2112

DATE: 9/3/2020

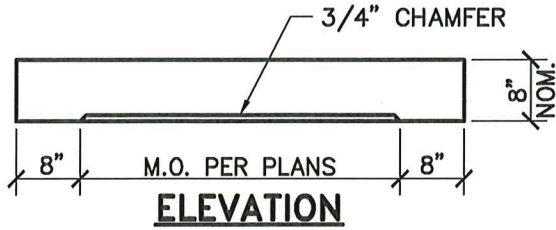
REF. DWG.:

DRAWING NO.: SK-2

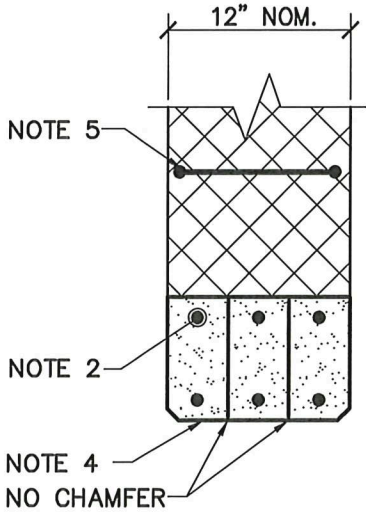
1" TO 1 1/8" RADIUS SEMI-CIRCLE
(IN 4x8 LINTELS) TO ALLOW VERTICAL
REINFORCING AND GROUT TO PASS
THROUGH LINTEL



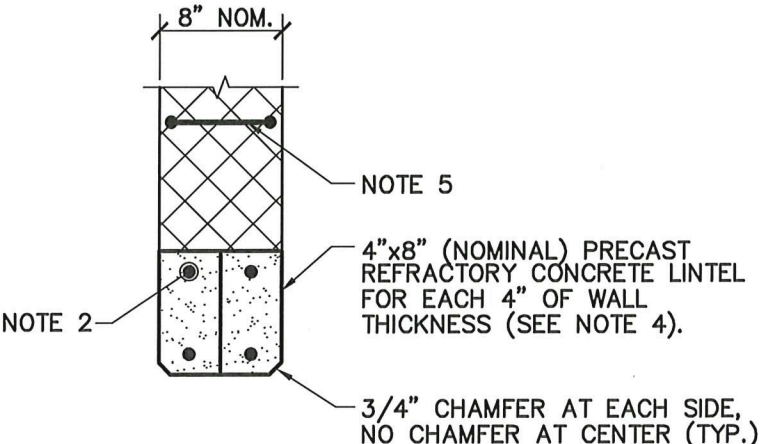
PLAN VIEW



ELEVATION



SECTION AT 12" CMU



SECTION AT 8" CMU


NOTES:

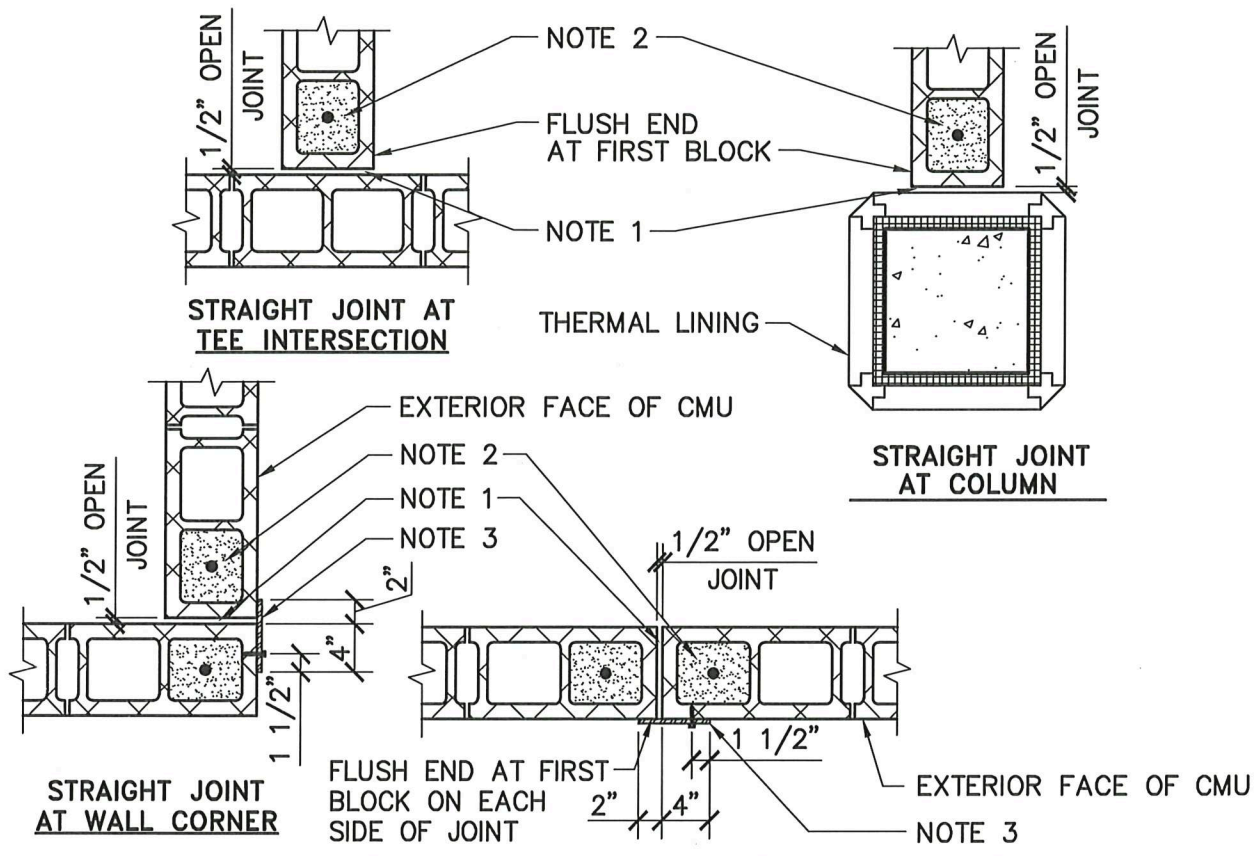
1. THIS DETAIL APPLIES TO ALL CMU DOOR AND WINDOW OPENINGS.
2. (1) #4 TOP AND BOTTOM IN EACH 4"x8" LINTEL.
3. BEAR LINTELS ON WALL FOR 8" AT EACH END.
4. PROVIDE PRECAST REFRACTORY CONCRETE LINTELS, MANUFACTURED BY HIGH TEMPERATURE LININGS OF WHITE STONE, VA: (800) 411-6313.
5. PROVIDE HORIZONTAL JOINT REINFORCING IN FIRST BED JOINT.

**TYPICAL REFRACTORY
CONCRETE LINTEL DETAILS**



NOT TO SCALE

PROJECT: BUTLER COUNTY C.C. BURN BUILDING – 2020 STRUCTURAL EVALUATION	
DRAWING TITLE: TYPICAL REFRACTORY CONCRETE LINTEL DETAILS	EL&A NO.: 20018
 Elliott, LeBoeuf & McElwain 8001 Forbes Place, Suite 201 Springfield, VA 22151	DATE: 9/3/2020
	REF. DWG.:
	DRAWING NO.: SK-3
Phone (703) 321-2100 Fax (703) 321-2112	



NOTES:

STRAIGHT JOINT ALONG EXTERIOR WALL LENGTH

1. FORM JOINT WITH 1/2" PLYWOOD OR COMPRESSIBLE STYROFOAM. STRIP AFTER WALL IS COMPLETED.
2. REINFORCE & GROUT FIRST CELL SOLID FULL HEIGHT ON EACH SIDE OF JOINT.
3. AT EXTERIOR WALL JOINTS, PROVIDE S.S. 3/16"x6" PL. TO COVER JOINT FOR FULL HEIGHT OF WALL, FROM 1" BELOW TOP OF WALL TO 1" ABOVE BOTTOM OF WALL. PROVIDE 1/4"Ø x 2 3/4" LONG S.S. AGGRE-GATOR 300 SERIES CONCRETE SCREWS BY ELCO CONSTRUCTION, WITH HEX WASHER HEAD AND OVERSIZED S.S. WASHERS AT 2'-0" O.C. MAX. IN 5/16"x1 1/2" LONG VERTICAL SLOTTED HOLES (MIN. 5 PER PL.). FOR TOP TWO FASTENERS, PLACE FASTENER AT TOP OF SLOT. FOR BOTTOM TWO FASTENERS, PLACE FASTENER AT BOTTOM OF SLOT. FOR ALL OTHER FASTENERS, PLACE FASTENER IN MIDDLE OF SLOT. INSTALL FASTENERS UNTIL THEY ARE SNUG, BUT NOT OVER-TIGHTENED.

PLAN DETAILS – OPEN JOINTS IN WALLS

1
 SK-4 | SK-4 NOT TO SCALE

PROJECT: BUTLER COUNTY C.C. BURN BUILDING – 2020 STRUCTURAL EVALUATION

DRAWING TITLE: PLAN DETAILS – OPEN JOINTS IN WALLS

EL&A NO.: 20018

DATE: 9/3/2020

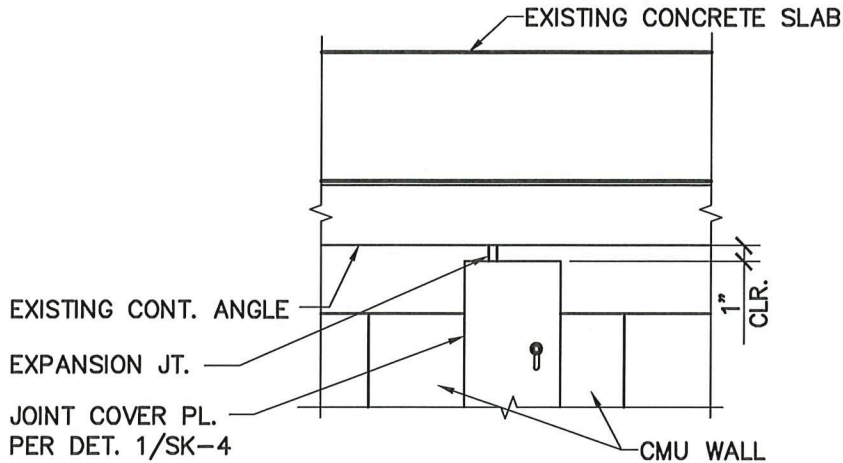


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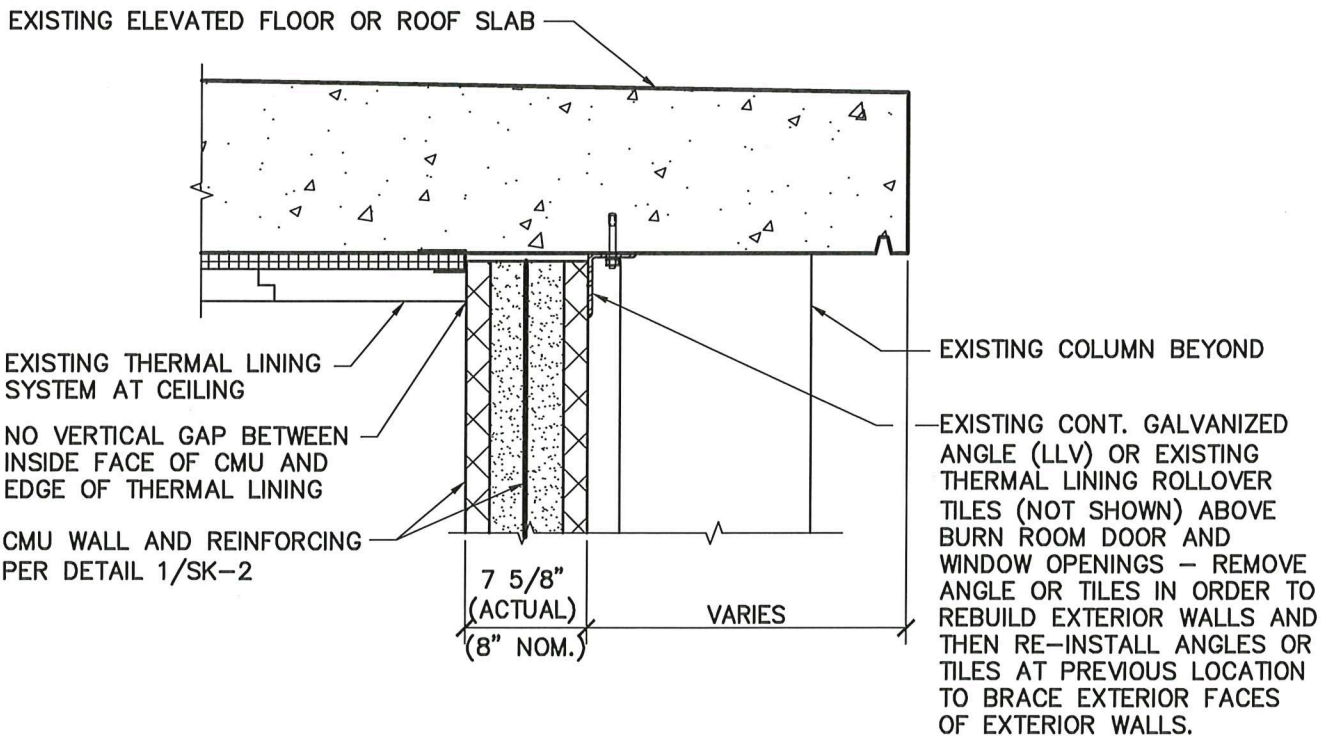
Phone (703) 321-2100
Fax (703) 321-2112

REF. DWG.:

DRAWING NO.: SK-4




ELEVATION – CONDITION WHERE BRACING ANGLE IS CONTINUOUS ACROSS EXPANSION JOINT



TYPICAL SECTION – TOP OF EXTERIOR NON-BEARING MASONRY WALLS

1
SK-5 | SK-5 NOT TO SCALE

PROJECT: BUTLER COUNTY C.C. BURN BUILDING – 2020 STRUCTURAL EVALUATION	
DRAWING TITLE: TOP OF EXT. NON-BEARING MASONRY WALLS	EL&A NO.: 20018
 Elliott, LeBoeuf & McElwain 8001 Forbes Place, Suite 201 Springfield, VA 22151	DATE: 9/3/2020
	REF. DWG.:
	DRAWING NO.: SK-5
Phone (703) 321-2100 Fax (703) 321-2112	