

DRAWING ISSUE RECORD		
DATE	REVISION	NO.
4-6-2021	ISSUE TO BID	

ADDITION TO COLHAM FERRY ELEMENTARY SCHOOL

191 COLHAM FERRY ROAD, WATKINSVILLE, GA 30677  
 GORMAN COUNTY BOARD OF EDUCATION  
 DOE FACILITY CODE 3050

DATE: DECEMBER 15, 2020  
 JOB NO. 2019-107-20  
 DRAWN BY: MK  
 CHECKED BY: MK

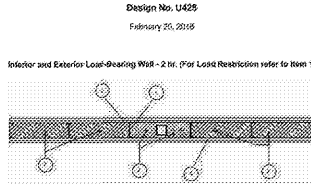
cunningham, forehand, matthews & moore, architects, inc. - 2011 manchester street, n.e. - atlanta, georgia 30324 - phone (404) 873-2152

# cunningham forehand matthews moore



### 1 UL DESIGN NO. U425

UL SYSTEM NO. W-L-1029

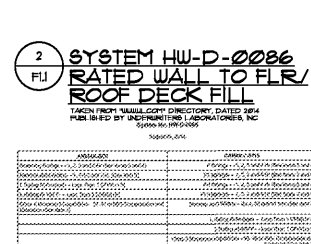


**1** Structural Steel Members...  
**2** Bolted and Bolted-in...  
**3** Batts and Backings...  
**4** Gypsum Board...  
**5** Exterior Gypsum Board...

**2** SYSTEM HW-D-0086 RATED WALL TO FLR/ ROOF DECK FILL

TAKEN FROM 'WALL/CURTAIN WALL' SYSTEMS, DATED 9/21/18, PUBLISHED BY UNDERWRITERS LABORATORIES, INC.

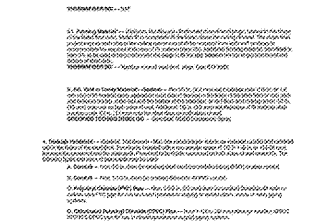
System No. HW-D-0086  
 9/21/18



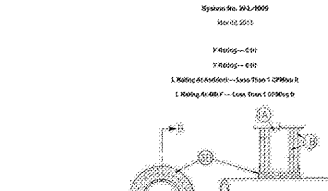
**1** SYSTEM W-J-1028 PENETRATION THRU 1-HR & 2-HR CMU

TAKEN FROM 'WALL/CURTAIN WALL' SYSTEMS, DATED 9/21/18, PUBLISHED BY UNDERWRITERS LABORATORIES, INC.

System No. W-J-1028  
 9/21/18



### 3 SYSTEM NO. W-L-1029 PENETRATION THRU 2-HR GYPSUM WALL BD.

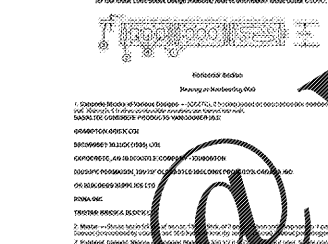


System No. W-L-1029  
 9/21/18

### 4 UL DESIGN U305 TYP. DET. 2-HR CONC. BLOCK WALL

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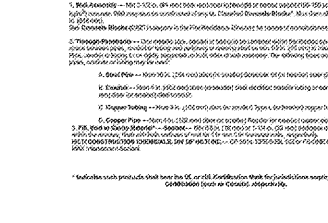
System No. U305  
 9/21/18



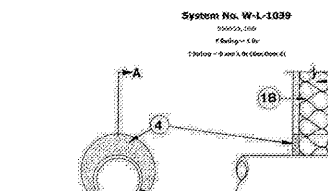
### 5 SYSTEM W-J-1028 PENETRATION THRU 1-HR & 2-HR CMU

TAKEN FROM 'WALL/CURTAIN WALL' SYSTEMS, DATED 9/21/18, PUBLISHED BY UNDERWRITERS LABORATORIES, INC.

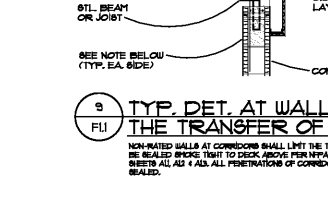
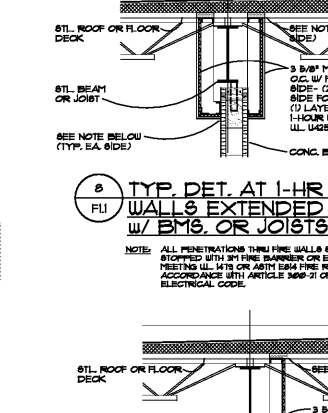
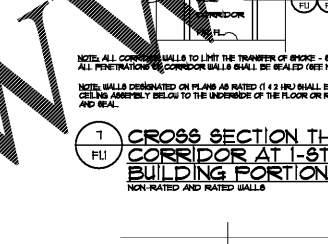
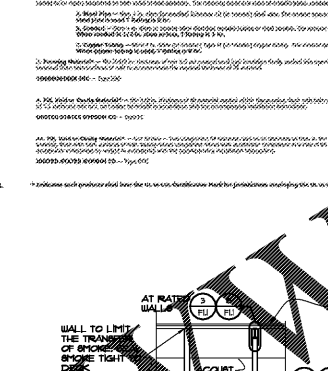
System No. W-J-1028  
 9/21/18



### 6 SYSTEM NO. W-L-1039 PENETRATION THRU 1-HR GYP. WALL BD.



System No. W-L-1039  
 9/21/18



### 10 FIRE RESISTANCE RATINGS

TAKEN FROM INTERNATIONAL BUILDING CODES, 2018 EDITION, P. 78, TABLE 601

BUILDING ELEMENT	TYPE II	U.L. DESIGN	DETAILS
PRIMARY STRUCTURAL FRAME (SEE SECTION 702)	0		
BEARING WALLS EXTERIOR WALLS	0		
NON-BEARING WALLS AND PARTITIONS EXTERIOR WALLS (SEE SECTION 702)	See Table 601	U425 U305 HW-D-0086	101.1 101.1 101.1
FLOOR CONSTRUCTION AND ASSOCIATED SECOND MEMBERS (SEE SECTION 702)	0		
ROOF CONSTRUCTION AND ASSOCIATED SECOND MEMBERS (SEE SECTION 702)	0(1)		

NOTE: ALL VALUES LISTED IN TABLE ABOVE APPLY TO THIS PROJECT.

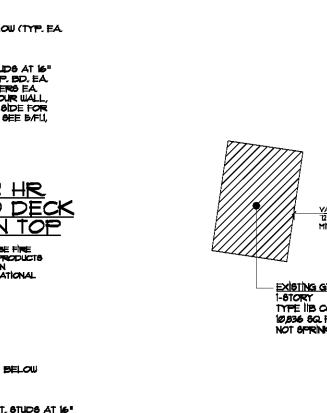
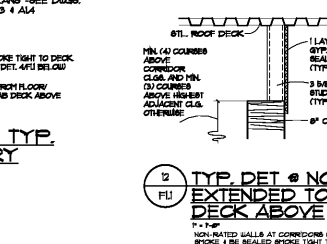
For 1-Hr and 2-Hr walls:  
 1. All materials, fire resistance ratings of primary structural frame and floor/roof construction shall be as indicated by 1.  
 2. For 2-Hr walls, the fire resistance rating shall be as indicated by 1, and the fire resistance rating shall be as indicated by 2.  
 3. For 1-Hr walls, the fire resistance rating shall be as indicated by 1, and the fire resistance rating shall be as indicated by 3.  
 4. For 2-Hr walls, the fire resistance rating shall be as indicated by 1, and the fire resistance rating shall be as indicated by 4.  
 5. For 1-Hr walls, the fire resistance rating shall be as indicated by 1, and the fire resistance rating shall be as indicated by 5.  
 6. For 2-Hr walls, the fire resistance rating shall be as indicated by 1, and the fire resistance rating shall be as indicated by 6.  
 7. For 1-Hr walls, the fire resistance rating shall be as indicated by 1, and the fire resistance rating shall be as indicated by 7.  
 8. For 2-Hr walls, the fire resistance rating shall be as indicated by 1, and the fire resistance rating shall be as indicated by 8.  
 9. For 1-Hr walls, the fire resistance rating shall be as indicated by 1, and the fire resistance rating shall be as indicated by 9.  
 10. For 2-Hr walls, the fire resistance rating shall be as indicated by 1, and the fire resistance rating shall be as indicated by 10.

### 11 MIN. EQUIV. THICKNESS AT CMU WALLS

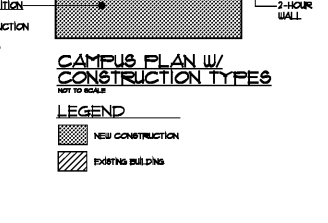
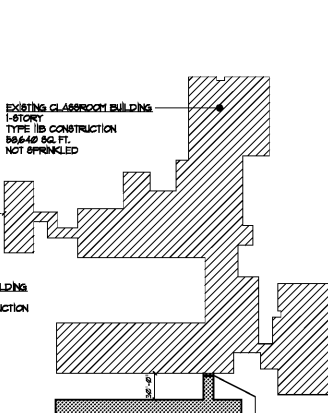
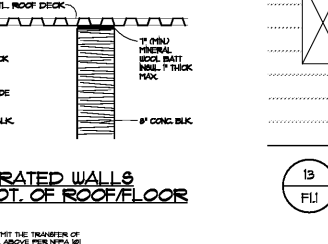
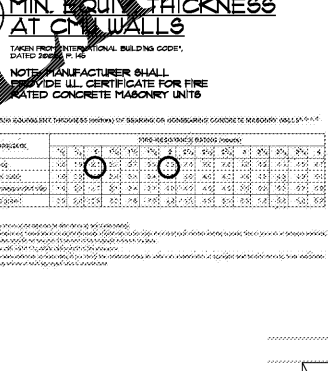
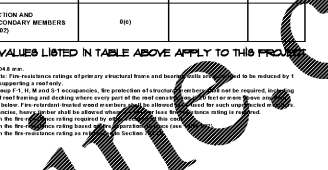
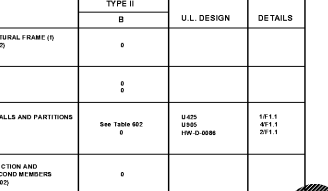
TAKEN FROM INTERNATIONAL BUILDING CODES, 2018 EDITION, P. 78, TABLE 601

NOTE: MANUFACTURER SHALL PROVIDE U.L. CERTIFICATE FOR FIRE RATED CONCRETE MASONRY UNITS

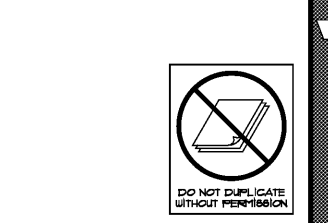
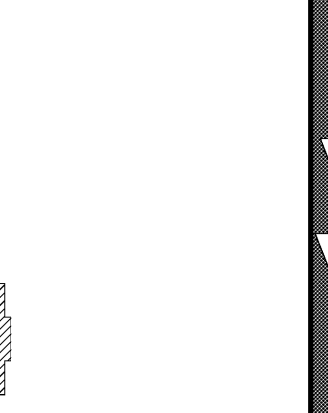
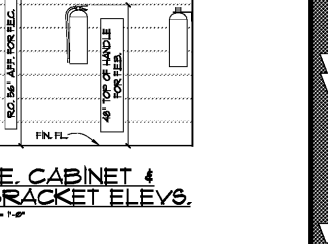
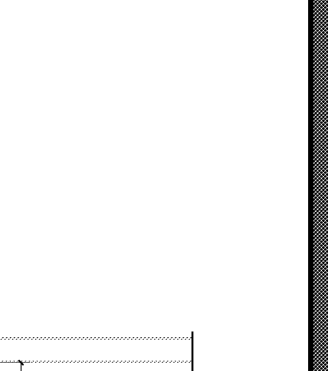
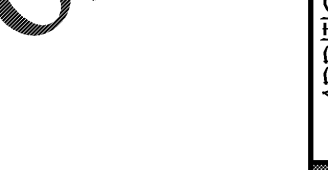
TYPE OF MASONRY UNIT	MIN. EQUIV. THICKNESS	MIN. EQUIV. THICKNESS
TYPE 1	8"	8"
TYPE 2	8"	8"
TYPE 3	8"	8"
TYPE 4	8"	8"
TYPE 5	8"	8"
TYPE 6	8"	8"
TYPE 7	8"	8"
TYPE 8	8"	8"
TYPE 9	8"	8"
TYPE 10	8"	8"



### 12 TYP. DET. NON-RATED WALLS EXTENDED TO BOT. OF ROOF/FLOOR DECK ABOVE



### 13 FE. CABINET & BRACKET ELEV. 10' x 7 1/2'



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