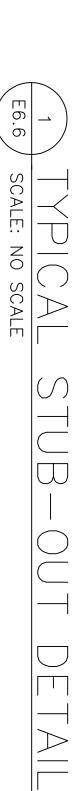
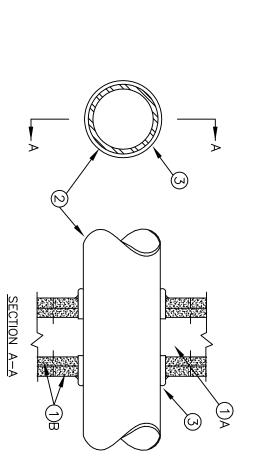


(1) ENGRAVE BRASS CAP INDICATING FUNCTION AND FINAL DESTINATION.
(2) RECORD ALL ACTUAL STUB-OUT LOCATIONS ON AS-BUILT DRAWINGS.





SYSTEM NO. W—L—1001

(FORMERLY SYSTEM NO. 147)

F RATINGS — 1, 2, 3 AND 4 HR (SEE ITEMS 2 AND 3)

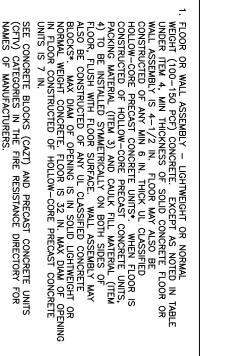
T RATINGS — 0, 1, 2, 3 AND 4 HR (SEE ITEM 3)

L RATING AT AMBIENT — LESS THAN 1 CFM PER SQ. FT.

L RATING AT 400°F — LESS THAN 1 CFM PER SQ. FT.

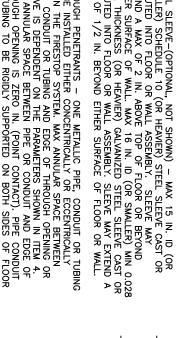
2. PIPE OR CONDUIT — NOM 12 IN. DIAM (OR SMALLER) SCHEDULE 10 (OR HEAVIER) STEEL PIPE, NOM 12 IN. DIAM (OR SMALLER) SERVICE WEIGHT (OR HEAVIER) CAST IRON SOIL PIPE, NOM 12 IN. DIAM (OR SMALLER) CLASS 50 (OR HEAVIER) DUCTILE IRON PRESSURE PIPE, NOM 6 IN. DIAM (OR SMALLER)	B. WALLBOARD, GYPSUM* — NOM 1/2 OR 5/8 IN. THICK, 4 FT. WIDE WITH SQUARE OR TAPERED EDGES. THE GYPSUM WALLBOARD TYPE, THICKNESS, NUMBER OF LAYERS, FASTENER TYPE AND SHEET ORIENTATION SHALL BE AS SPECIFIED IN THE INDIVIDUAL U300 OR U400 SERIES DESIGN IN THE UL FIRE RESISTANCE DIRECTORY. MAX DIAM OF OPENING IS 13-1/2 IN.	A. SIUDS — WALL FRAMING MAY CONSIST OF EITHER WOOD STUDS (MAX 2 HR FIRE RATED ASSEMBLIES) OR STEEL CHANNEL STUDDS. WOOD STUDS TO CONSIST OF NOM 2 BY 4 IN. LUMBER SPACE 16 IN. OC WITH NOM 2 BY 4 IN. LUMBER END PLATES AND CROSS BRACES. STEEL STUDS TO BE MIN 3-5/8 IN. WIDE BY 1-3/8 IN. DEEP CHANNELS SPACED MAX 24 IN. OC.	1. WALL ASSEMBLY — THE 1, 2, 3 OR 4 HR FIRE—RATED GYPSUM WALLBOARD/STUD WALL ASSEMBLY SHALL BE CONSTRUCTED OF THE MATERIALS AND IN THE MANNER DESCRIBED IN THE INDIVIDUAL U300 OR U400 SERIES WALL OR PARTITION DESIGNS IN THE UL FIRE RESISTANCE DIRECTORY AND SHALL INCLUDE THE FOLLOWING CONSTRUCTION FEATURES:
SEZE	MAILERIAL INSTALLED TO COMPLETELY FILL ANNULAR SPACE BETWEEN PIPE OR CONDUIT AND GYPSUM WALLBOARD AND WITH A MIN 1/4 IN. DIAM BEAD OF CAULK APPLIED TO PERIMETER OF PIPE OR CONDUIT AT ITS EGRESS FROM THE WALL. CAULK INSTALLED SYMMETRICALLY ON BOTH SIDES OF WALL ASSEMBLY. THE HOURLY F RATING OF THE FIRESTOP SYSTEM IS DEPENDENT UPON THE HOURLY FIRE RATING OF THE WALL ASSEMBLY IN WHICH IT IS INSTALLED. AS SHOWN	•	STEEL CONDUIT, NOM 4 IN. DIAM (OR SMALLER) STEEL ELECTRICAL METALLIC TUBING, NOM 6 IN. DIAM (OR SMALLER) TYPE L OR (OR HEAVIER) COPPER TUBING OR NOM 1 IN. DIAM (OR SMALLER) FLEXIBLE STEEL CONDUIT. WHEN COPPER PIPE IS USED, MAX F RATING OF FIRESTOP SYSTEM (ITEM 3) IS 2 H. STEEL PIPES OR CONDUITS LARGER THAN NOM 4 IN. DIAM MAY ONLY BE USED IN WALLS CONSTRUCTED USING

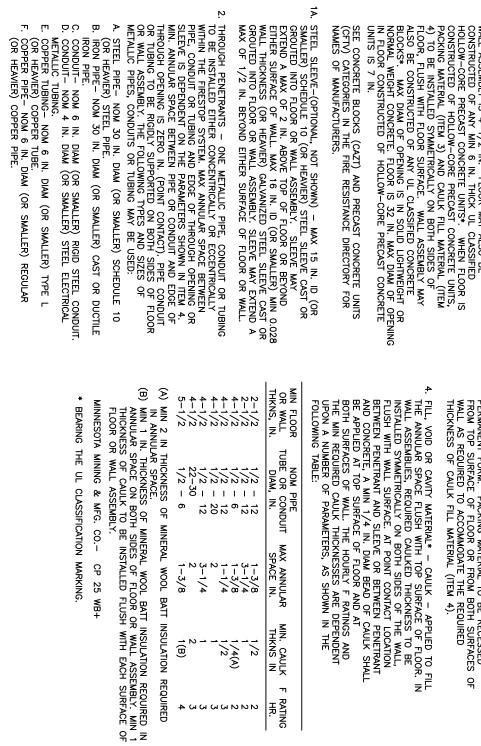
MINNESOTA MINING & MFG. CO TYPECP-25 WB+	+ WHEN COPPER PIPE IS USED, T RATING IS 0 HR. # 0 TO 1-1/2 IN. ANNULAR SPACE APPLIES ONLY CAULK IS USED, AND ONLY WHEN THE MIN THICKNES WALLBOARD IS 5/8 IN. FOR 1 HR RATED WALLS ANI HR RATED WALLS.	MAX PIPE OR CONDUIT DIAM IN 1 1 4 4 6 6 12
& MFG. CO TY	PIPE IS USED, T . ANNULAR SPACE ND ONLY WHEN T 3 IN. FOR 1 HR F	ANNULAR SPACE IN. 0 TO 3/16 1/4 TO 1/2 0 TO 1/4 0 TO 1-1/2# 1/4 TO 1/2 3/16 TO 3/8
PECP-25 WB+	RATING IS 0 HI APPLIES ONLY HE MIN THICKN RATED WALLS A	F RATING, HR. 1 OR 2 3 OR 4 1 OR 2 1 OR 2 3 OR 4 1 OR 2 1 OR 2
	+ WHEN COPPER PIPE IS USED, T RATING IS 0 HR. # 0 TO 1-1/2 IN. ANNULAR SPACE APPLIES ONLY WHEN TYPE CP-25WE CAULK IS USED, AND ONLY WHEN THE MIN THICKNESS OF THE GYPSUM WALLBOARD IS $5/8$ IN. FOR 1 HR RATED WALLS AND $1-1/4$ IN. FOR 2 HR RATED WALLS.	T RATING, HR 0+, 1 OR 2 3 OR 4 0

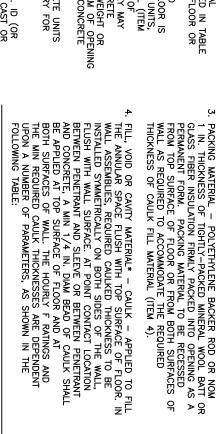


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NAMES OF MANUFACTURERS.
. STEEL SLEEVE-(OPTIONAL, NOT SHOWN) - MAX 15 IN. ID (OR SMALLER) SCHEDULE 10 (OR HEAVIER) STEEL SLEEVE CAST OR
GROUTED INTO FLOOR OR WALL ASSEMBLY. SLEEVE MAY EXTEND A MAX OF 2 IN. ABOVE TOP OF FLOOR OR BEYOND EITHER SURFACE OF WALL. MAX 16 IN. ID (OR SMALLER) MIN 0.028
WALL THICKNESS (OR HEAVIER) GALVANIZED STEEL SLEEVE CAST OR GROUTED INTO FLOOR OR WALL ASSEMBLY. SLEEVE MAY EXTEND A LANG OF 1/2 IN DEVIAND FRIEDS CLIEFOR OF ELOOP OR WALL LANG OF 1/2 IN DEVIAND FRIEDS CLIEFOR OF THE PROPERTY OF THE PROPE
THROUGH PENETRANTS — ONE METALLIC PIPE, CONDUIT OR TUBING TO BE INSTALLED EITHER CONCENTRICALLY OR ECCENTRICALLY
WITHIN THE FIRESTOP SYSTEM. MAX ANNULAR SPACE BETWEEN PIPE, CONDUIT OR TUBING AND EDGE OF THROUGH OPENING OR
SLEEVE IS DEPENDENT ON THE PARAMETERS SHOWN IN ITEM 4. MIN. ANNULAR SPACE BETWEEN PIPE OR CONDUIT AND EDGE OF
HIDDIG OFFICE OFFICE OFFICE OFFICE

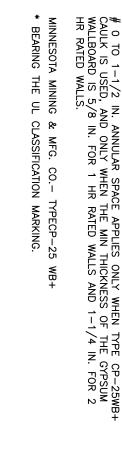


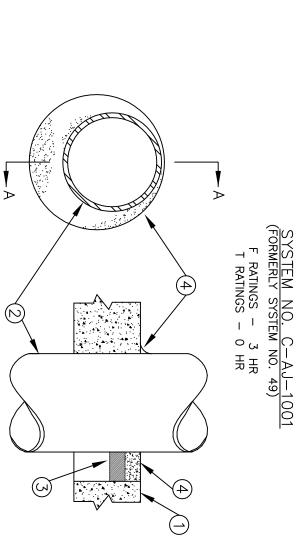




				(,)	
MIN FLOOR NOM PIPE OR WALL TUBE OR CONDUIT MAX ANNULAR MIN. CAULK F RA	THE MIN REQUIRED CAULK THICKNESSES ARE DEPENDENT UPON A NUMBER OF PARAMETERS, AS SHOWN IN THE FOLLOWING TABLE:	BE APPLIED AT TOP SURFACE OF FLOOR AND AT BOTH SURFACES OF WALL. THE HOURLY F RATINGS AND	BETWEEN PENETRANT AND SLEEVE OR BETWEEN PENETRANT AND CONCRETE, A MIN 1/4 IN. DIAM BEAD OF CAULK SHALL	INSTALLED SYMMETRICALLY ON BOTH SIDES OF THE WALL, FLUSH WITH WALL SURFACE. AT POINT CONTACT LOCATION	THE ANNULAR SPACE FLUSH WITH TOP SURFACE OF FLOOR. IN WALL ASSEMBLIES, REQUIRED CAULKED THICKNESS TO BE

(A) MIN 2 IN	5-1/2	4-1/2	4-1/2	4-1/2	4-1/2	4-1/2	2-1/2	2-1/2	THKNS, IN.	OR WALL	MIN FLOOR	
THICKNESS OF AR SPACE.	1/2 - 6	22-30	1/2 - 12	1/2 - 20	1/2 - 12	1/2 - 6	1/2 - 12	1/2 - 12	DIAM, IN.	TUBE OR CONDUI	NOM PIPE	
MINERAL WOOL BATT	1-3/8	2	3-1/4	2	1-1/4	1-3/8	3-1/4	1-3/8	SPACE IN.	T MAX ANNULAR		
. BATT INSULATION	1(B)	2	_	-	1/2	1/4(A)	_	1/2	THKNS IN	MIN. CAULK		
REQUIRED	4	u	IJ	u	u	2	2	2	. 품.	F RATING		





1. FLOOR OR WALL ASSEMBLY - MIN 4-1/2 IN. THICK
LIGHTWEIGHT OR NORMAL WEIGHT (100-150 PCF) CONCRETE.
WALL MAY ALSO BE CONSTRUCTED OF ANY UL CLASSIFIED
CONCRETE BLOCKS*. MAX DIAM OF CIRCULAR THROUGH
OPENING IS $22-1/2$ IN.
SEE CONCRETE BLOCKS (CAZT) CATEGORY IN THE FIRE
RESISTANCE DIRECTORY FOR NAMES OF MANUFACTURERS

SECTION A-A

- . STEEL SLEEVE (OPTIONAL, NOT SHOWN) NOM 12 IN. DIAM (OR SMALLER) SCHEDULE 40 (OR HEAVIER) STEEL PIPE SLEEVE CAST INTO CONCRETE FLOOR OR WALL. SLEEVE TO BE FLUSH WITH OR PROJECT MAX 2 IN. FROM TOP SURFACE OF FLOOR OR FROM BOTH SURFACES OF WALL. CONDUIT - NOM 20 IN. DIAM (OR SMALLER)
- PIPE OR OSCHEDULE SMALLER) COPPER TO OR STEEL OPENING. AND EDGE ANNULAR THROUGH TO OR WALL OR WALL

ROR WALL ASSEMBLY - MIN 4-1/2 IN. THICK	3. PACKING MATERIAL — POLYETHYLENE BACKER ROD OR NOM
WEIGHT OR NORMAL WEIGHT (100—150 PCF) CONCRETE.	1 IN. THICKNESS OF TIGHTLY—PACKED CERAMIC (ALUMINA
MAY ALSO BE CONSTRUCTED OF ANY UL CLASSIFIED	SILICA) FIBER BLANKET, MINERAL WOOL BATT OR GLASS
RETE BLOCKS*. MAX DIAM OF CIRCULAR THROUGH	FIBER INSULATION MATERIAL USED AS A PERMANENT FORM.
NG IS 22-1/2 IN.	PACKING MATERIAL TO BE RECESSED FROM TOP SURFACE OF
ONCRETE BLOCKS (CAZT) CATEGORY IN THE FIRE	FLOOR OR FROM BOTH SURFACES OF SOLID CONCRETE OR
TANCE DIRECTORY FOR NAMES OF MANUFACTURERS.	CONCRETE BLOCK WALL AS REQUIRED TO
	ACCOMMODATE THE REQUIRED THICKNESS OF CAULK FILL
MALLER) SCHEDULE 40 (OR HEAVIER) STEEL PIPE SLEEVE	MATERIAL (TEM 4). AS AN ALTERNATE WHEN MAX TITE SIZE IS
INTO CÓNCRETE FLOOR OR WALL. SLEEVE TO BE FLUSH	IN. THICKNESS OF TIGHTLY-PACKED CERAMIC FIBER BLANKET
OR PROJECT MAX 2 IN. FROM TOP SURFACE OF FLOOR OR	OF MINERAL WOOL BATT PACKING MATERIAL MAY BE
BOTH SURFACES OF WALL.	RECESSED MIN 1/2 IN. FROM BOTTOM SURFACE OF FLOOR OR
	FROM EITHER SIDE OF SOLID CONCRETE WALL.
OR CONDUIT - NOM 20 IN. DIAM (OR SMALLER)	
ER) RIGID STEEL CONDUIT OR TYPE L (OR HEAVIER)	FILL THE ANNULAR SPACE TO THE MIN THICKNESS SHOWN IN
R TUBE, NOM 4 IN. DIAM (OR SMALLER) CAST IRON PIPE	THE FOLLOWING TABLE:
TEEL EMT. MAX ONE PIPE OR CONDUIT PER THROUGH	
EDGE OF THROUGH OPENING NOT TO EXCEED 2-1/2 IN. MIN	
JAR SPACE BETWEEN PIPE OR CONDUIT AND EDGE OF JGH OPENING IS ZERO IN. (POINT CONTACT). PIPE OR JGH OPENING IS ZERO IN. (POINT CONTACT). PIPE OR	
ALL ASSEMBLY.	

	1/2 (B)	BR. CF. GF OR MW	_	10
	THKNS IN	TYPE (A)	SPACE IN.	DIAM IN
	MIN CALL K	PACKING MATERIAL	MAX ANNIII AR	MAX PIPF
			IDEN OF FLOOR	IDLY SUPPORTED ON BOTH SIDES OF FLOOR
). PIPE OR	IS ZERO IN. (POINT CONTACT). PIPE OR
			EDGE OF	TWEEN PIPE OR CONDUIT AND EDGE OF
			D 2-1/2 IN. MIN	UGH OPENING NOT TO EXCEED $2-1/2$ IN.
			OR CONDUIT	NULAR SPACE BETWEEN PIPE OR CONDUIT
			R THROUGH	X ONE PIPE OR CONDUIT PE
	TABLE:	THE FOLLOWING TABLE:	AST IRON PIPE	4 IN. DIAM (OR SMALLER) CAST IRON PIPE
FILL THE ANNULAR SPACE TO THE MIN THICKNESS SHOWN IN	FILL THE ANNULAR SPACE TO THE MIN	FILL THE ANNUL	HEAVIER)	EL CONDUIT OR TYPE L (OR
* - CAULK - APPLIED TO	AVITY MATERIALS*	4. FILL, VOID OR C	IN. DIAM (OR	HEAVIER) STEEL PIPE, NOM 6 IN. DIAM (OR
			ררוי)	NOW FO IN. DISIN (OIL CINISEELY)

GF= GLASS F	(A) BR= POLYETH	20	10	ī
GF = GLASS FIBER INSULATION.	YLENE BACKER ROD.	2-1/2	_	
		BR, CF, GF OR MW	CF OR MW	(1.5)
		SR -		2
		\$		•

1/2 (B) 1/2 (C) 1 (B)

- (B) CAULK INSTALLED FLUSH WITH TOP SURFACE OF FLOOR OR BOTH SURFACES
 OF WALL
 (C) CAULK INSTALLED FLUSH WITH BOTTOM SURFACE OF FLOOR OR ONE SURFACE
 OF SOLID (NON-CONCRETE BLOCK) WALL.
 MINNESOTA MINING & MFG. CO.— TYPE CP—25 N/S
 * BEARING THE UL CLASSIFICATION MARKING.

NOTE: ALL FIRE RATED W. ARCHITECT DRAWIN	UNINSUL STEEL (30") COPPER (4") CONDUIT (6")	UNINSUL STEEL (20") COPPER (4") CONDUIT (6")	UNINSUL. STEEL (12") COPPER (4") CONDUIT (6")	INSUL STEEL (12") COPPER (4")	INSUL. COPPER PIPE	INSUL. COPPER PIPE (4")	INSUL. STEEL PIPE	INSUL. STEEL PIPE (30")	PENETRATION	FIRE RA
ALL FIRE RATED WALL PENETRATIONS MAY NOT APPLY; REFER TO ARCHITECT DRAWINGS FOR FIRE RATED WALL TYPES.	4 HR CONC. OR CONC BLOCK FLOOR OR WALL	2 HR CONC. FLOOR OR WALL	1 OR 2 HR STUD WALL	1 OR 2 HR STUD WALL	1 OR 2 HR CONC. OR CONC. BLOCK WALL	2-HR CONC. FLOOR	1 OR 2 HR CONC. OR CONC. BLOCK WALL	2-HR CONC. FLOOR	BARRIER	FIRE RATED WALL PENETRATION
OT APPLY; REFER TO . TYPES.	C-AJ-1044	C-AJ-1001	W-L-1001	W-L-5001	C-AJ-5034	C-AJ-5034	C-AJ-5002	C-AJ-5002	U.L. SYSTEM	ATION

KEY PLAN

Southern Hospitality Services

Hampton Inn and Suites

Phase Construction Documents Hamnton Inn and Suites

Electrical UL Details

5400 I-20 & Frontage Rd. Monroe, LA 71201

Project No.
Prepared by
Checked by red by RSR (ed by RSR Sept. 16, 2013 E6.6

Released for PERMIT ONLY

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ARCHITECTURE PLLC P

SYSTEM NO. C-AJ-1044
(FORMERLY SYSTEM NO. 319)

F RATINGS - 2, 3 AND 4 HR (SEE ITEMS 2A AND 4)
T RATINGS - 0 HR
L RATING AT AMBIENT - 2 CFM PER SQ. FT.
L RATING AT 400°F - LESS THAN 1 CFM PER SQ. FT.

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Date REVISIONS ate Description

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