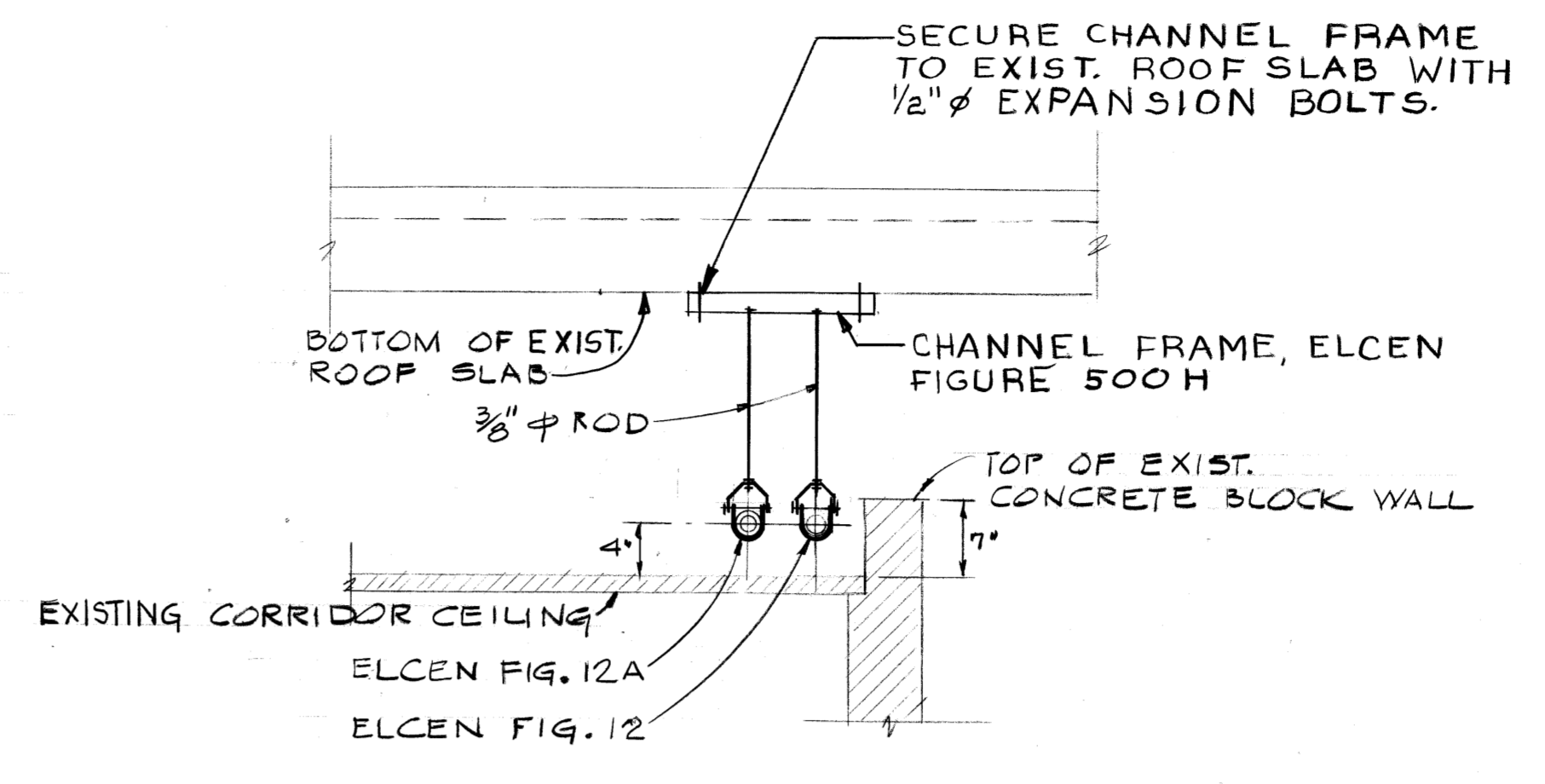
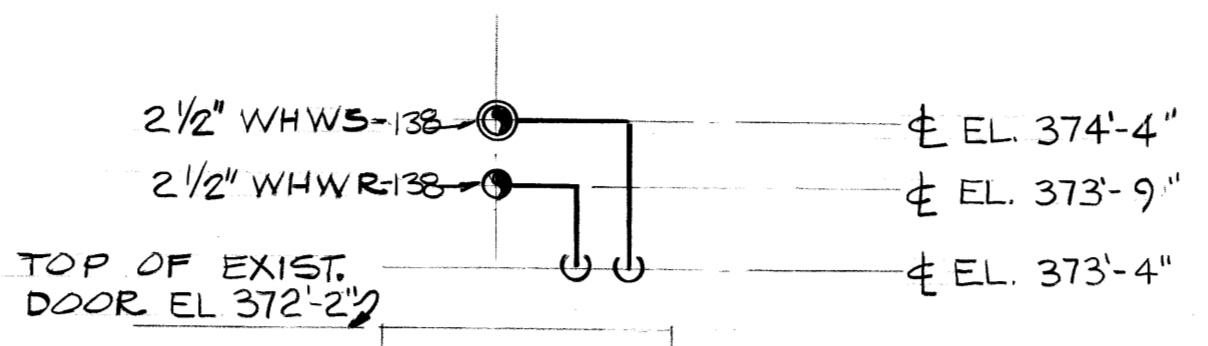
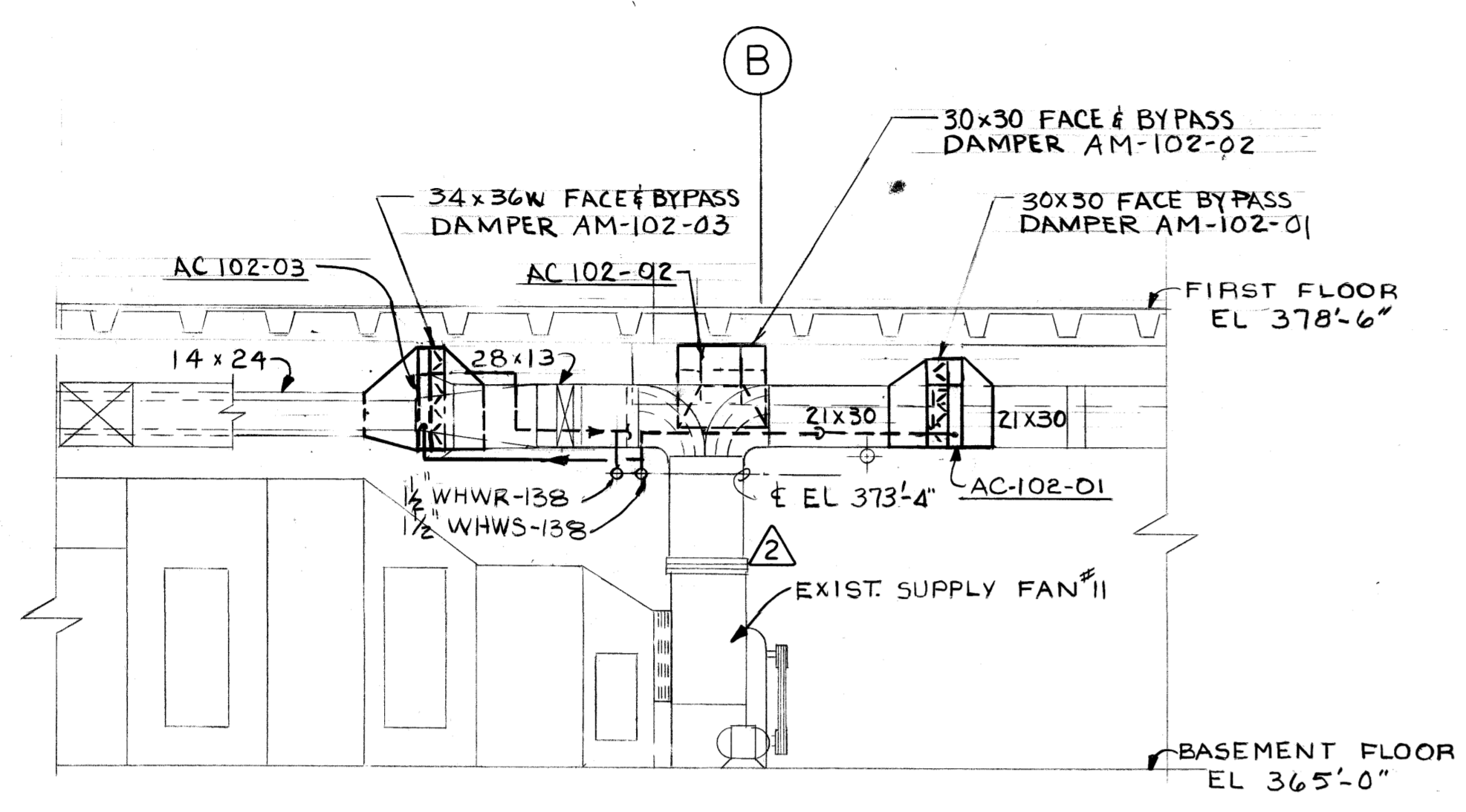


Unclassified

NOTES:
 1. FOR GENERAL NOTES & LEGEND SEE DWG. 01
 2. REFER TO THIS DWG. FOR HOT WATER HEATING COIL & FACE & BYPASS DAMPER SCHEDULES - BLDG. C-102
 3. REFER TO DWG. 09 FOR TYPICAL CONTROL DIAGRAM BLDG. C-102



SECTION 102-1
SCALE 1/4"=1'-0"

DETAIL 102-A
NO SCALE 09/10

DETAIL 102-B
NO SCALE 09/10

HOT WATER HEATING COILS

COIL(S) NO.	LOCATION	MODEL NO.	CFM PER COIL	MINIMUM FACE AREA	MAXIMUM S.P. IN. W.G.	TEMP AIR °F		CIRCULATING WATER				CAPACITY BTUH PER COIL	NUMBER REQ'D.
						ENT.	LVG.	TEMP IN °F	TEMP OUT °F	GPM (3) PER COIL	PD F.T. WATER		
AC-102-01	BSMT.	2TT 18x30	2275	4.37	0.36	49	95	140	111	8.0	6.7	113,860	1
AC-102-02	BSMT.	2TT 18x30	2175	4.37	0.24	49	83	140	110	5.3	3.5	79,230	1
AC-102-03	BSMT.	2TT 24x36	3295	6.0	0.28	49	82	140	110	8.0	9.0	117,430	1
AC-102-04	BSMT.	2TT 24x30	2835	5.0	0.29	49	85	140	110	7.4	6.7	103,300	1
AC-102-05	1ST. FL.	1T 6x12	240	0.5	0.20	49	83	140	131	2.0	0.7	8,740	1
AC-102-06	1ST. FL.	2T 6x15	295	0.62	0.23	49	85	140	128	2.0	0.8	11,370	1
AC-102-07	1ST. FL.	2T 12x12	500	1.0	0.24	49	85	140	120	2.0	1.5	19,280	1
AC-102-08	1ST. FL.	2T 12x21	800	1.75	0.25	49	88	140	110	2.3	2.5	33,610	1

NOTES:

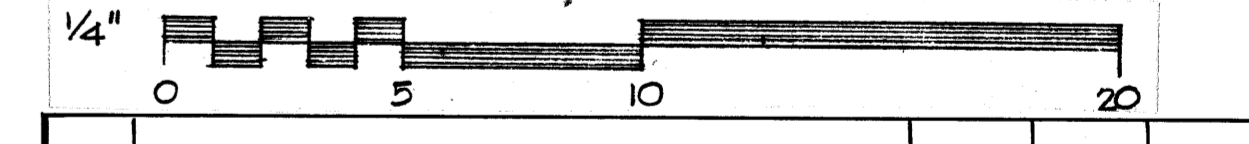
- ① HEATING COIL NOMENCLATURE: AC-102-01
 EQUIPMENT CLASS: 102
 IDENTIFICATION LETTERS: 01
 EQUIPMENT NUMBER: 01
 BUILDING NUMBER: 01
- ② MODEL NUMBER BASED ON HOT WATER COILS.
- ③ MINIMUM TUBE VELOCITY 2 FPS.

FACE & BYPASS DAMPER SCHEDULE

DAMPER NO.	COIL NO.	SIZE		TOTAL (CFM)	REMARKS
		FACE	BYPASS		
AM-102-01	AC-102-01	30x21	30x9	2275	
AM-102-02	AC-102-02	30x21	30x9	2175	
AM-102-03	AC-102-03	36x24	36x10	3295	
AM-102-04	AC-102-04	30x24	30x10	2835	
AM-102-05	AC-102-05	12x6	12x6	240	
AM-102-06	AC-102-06	15x6	15x6	295	
AM-102-07	AC-102-07	12x12	12x6	500	
AM-102-08	AC-102-08	21x12	21x6	800	

FOR INFORMATION ONLY

GRAPHIC SCALES



REVIEWED FOR CLASSIFICATION
 KW 06/20/2014
 Initials Date
 UNCLASSIFIED

REVIEWED FOR CLASSIFICATION
 WDC 06/13/2014
 Initials Date
 UNCLASSIFIED

REVIEWED FOR CLASSIFICATION
 Initials Date 1/26/198
 UNCLASSIFIED

BT Images, Inc.
00021578

1c AS BUILT		10/9/11	2011
0 CERTIFIED FOR CONSTRUCTION		1/20/14	2014
REV. NO.	ISSUE PURPOSE (PPSC-6219)	DATE	APPROVAL
1	AS OPERATOR	3-27-79	WED
2	AS OPERATOR	3-27-79	WED

UNITED STATES DEPARTMENT OF ENERGY
 A. M. KINNEY, INC.
 CONSULTING ENGINEERS CINCINNATI, OHIO
 A/E PROJECT NO. 0288

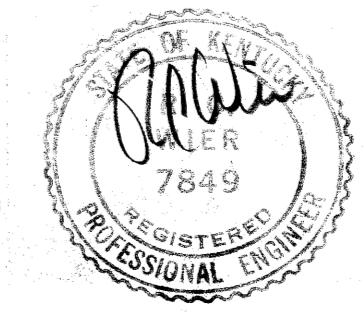
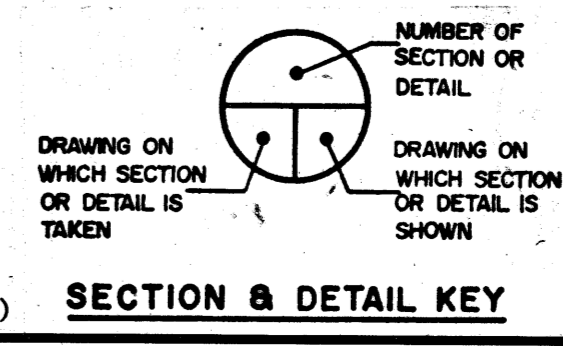
H V A C
 BUILDING C-102
 SECTIONS, DETAILS & SCHEDULES

APPROVAL RECOMMENDED - DATE: 3-27-79
 D.G. CRAFTS 3/27/79

ARCHITECT-ENGINEER: W.D. BRICKEEN
 OPERATOR: G.M. PADUCAH
 DATE: 5/17/78
 CHECKED: G.M. PADUCAH
 DATE: 2/16/78

PROJECT: PROCESS WASTE HEAT UTILIZATION
 DRAWING NUMBER: H5E-14951-0010
 REV. NO.: 1c

PIPELINE IDENTIFICATION
 SIZE SERVICE
 SPEC. NO. (MATERIAL)



MICROFILMED