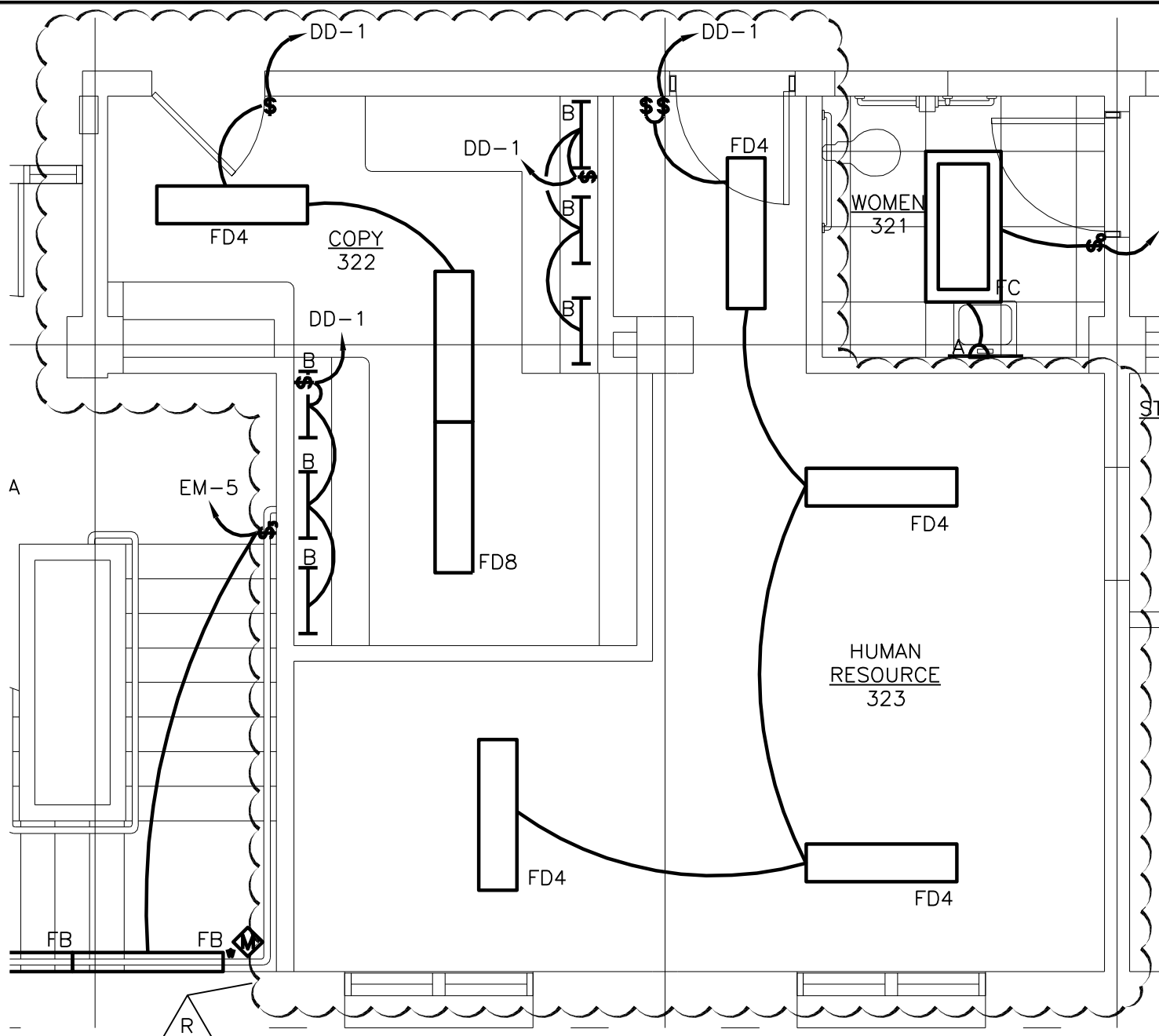




Mark	Description	Date	By	Appr.
	BULLETIN 'R'	11.17.10		

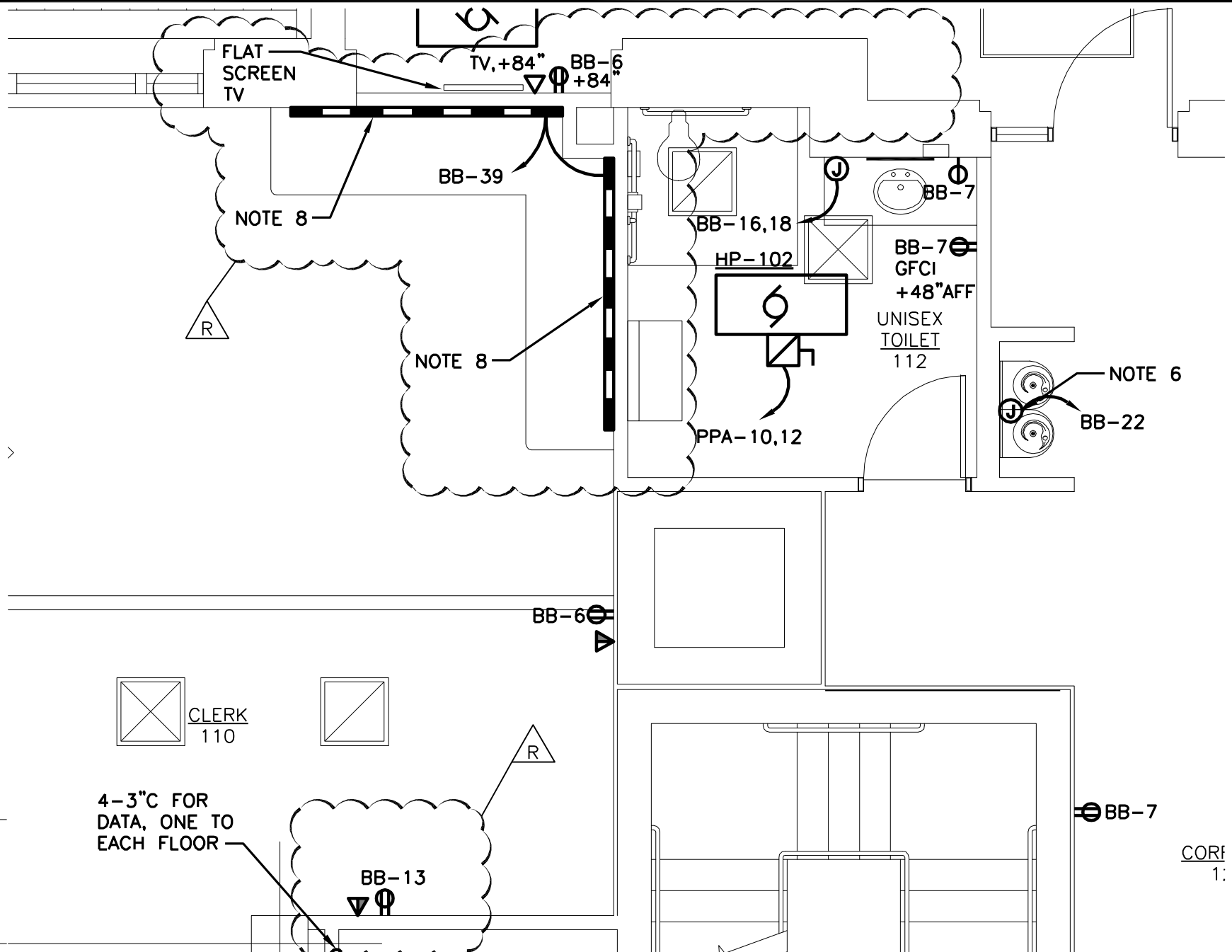


Designed by: GAC	Date: 12.07.10	Rev. 01
Dwn by: HAP	Ckd by: HJH	Design file no. 11142.00024.30EL103.DWG
Reviewed by: GAC	Scale: 1/4" = 1'-0"	
WPS Project #: 11142.00024	Client Project #: 11142	

Project Information:	RENOVATIONS TO: "THE FEDERAL BUILDING"
Sheet Title:	BULLETIN 'R' THIRD FLOOR PLAN - LIGHTING SHEET EL103

Sheet
reference
number:

E-SK1



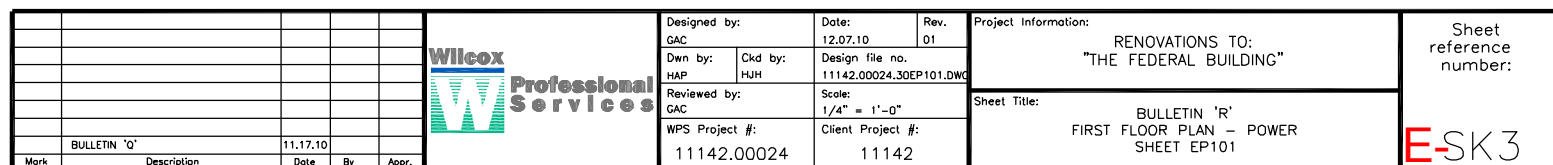
Mark	Description	Date	By	Appr.
	BULLETIN 'O'	11.17.10		

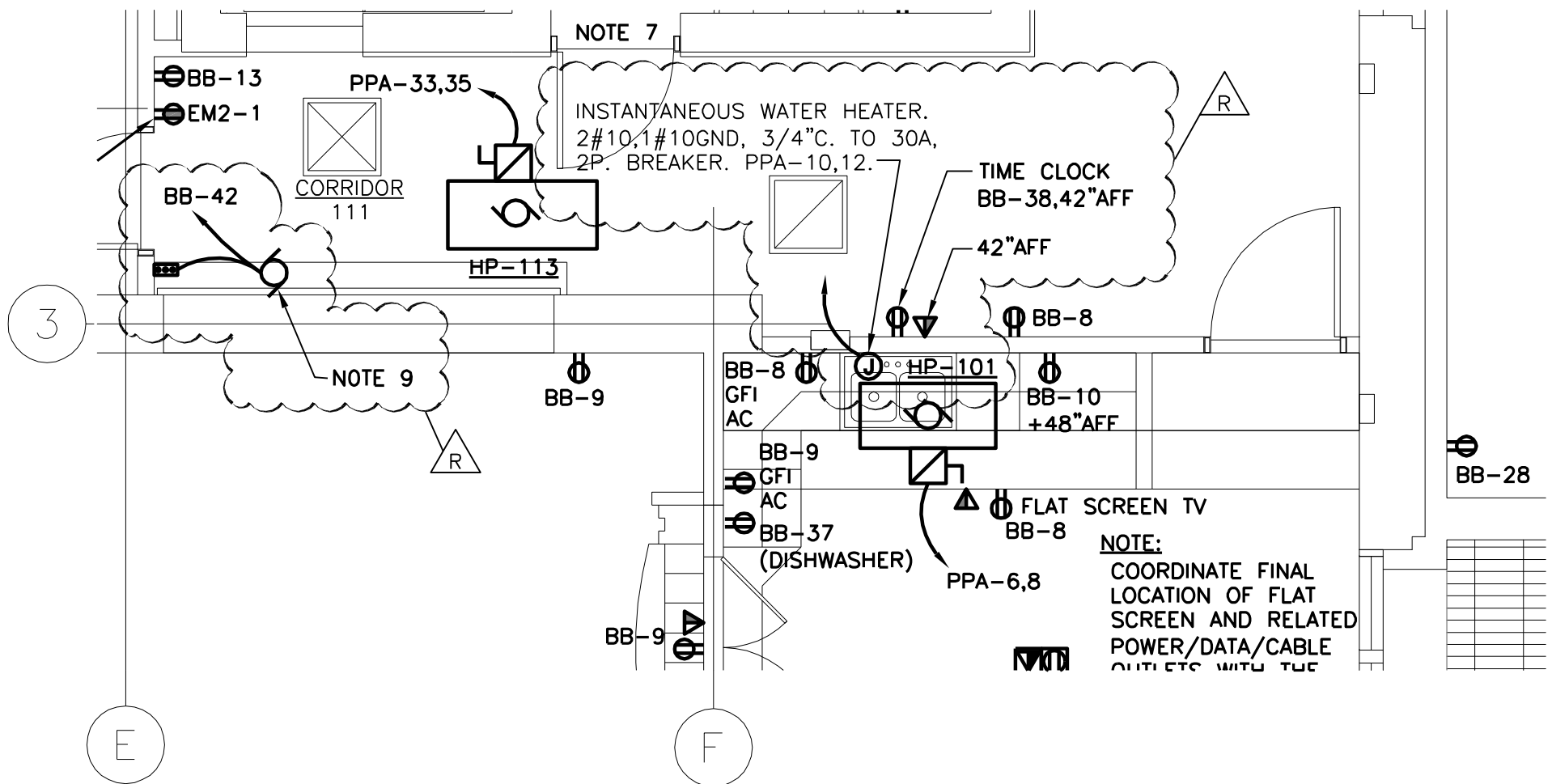


Designed by: GAC	Ckd by: HJH	Date: 12.07.10	Rev. 01
Design file no. 11142.00024.30EP101.DWG	Reviewed by: GAC	Scale: 1/4" = 1'-0"	Client Project #: 11142
WPS Project #: 11142.00024			

Project Information:	RENOVATIONS TO: "THE FEDERAL BUILDING"
Sheet Title:	BULLETIN 'R' FIRST FLOOR PLAN - POWER SHEET EP101

Sheet reference number:	E-SK2
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Mark	Description	Date	By	Appr.
BULLETIN 'O'		11.17.10		

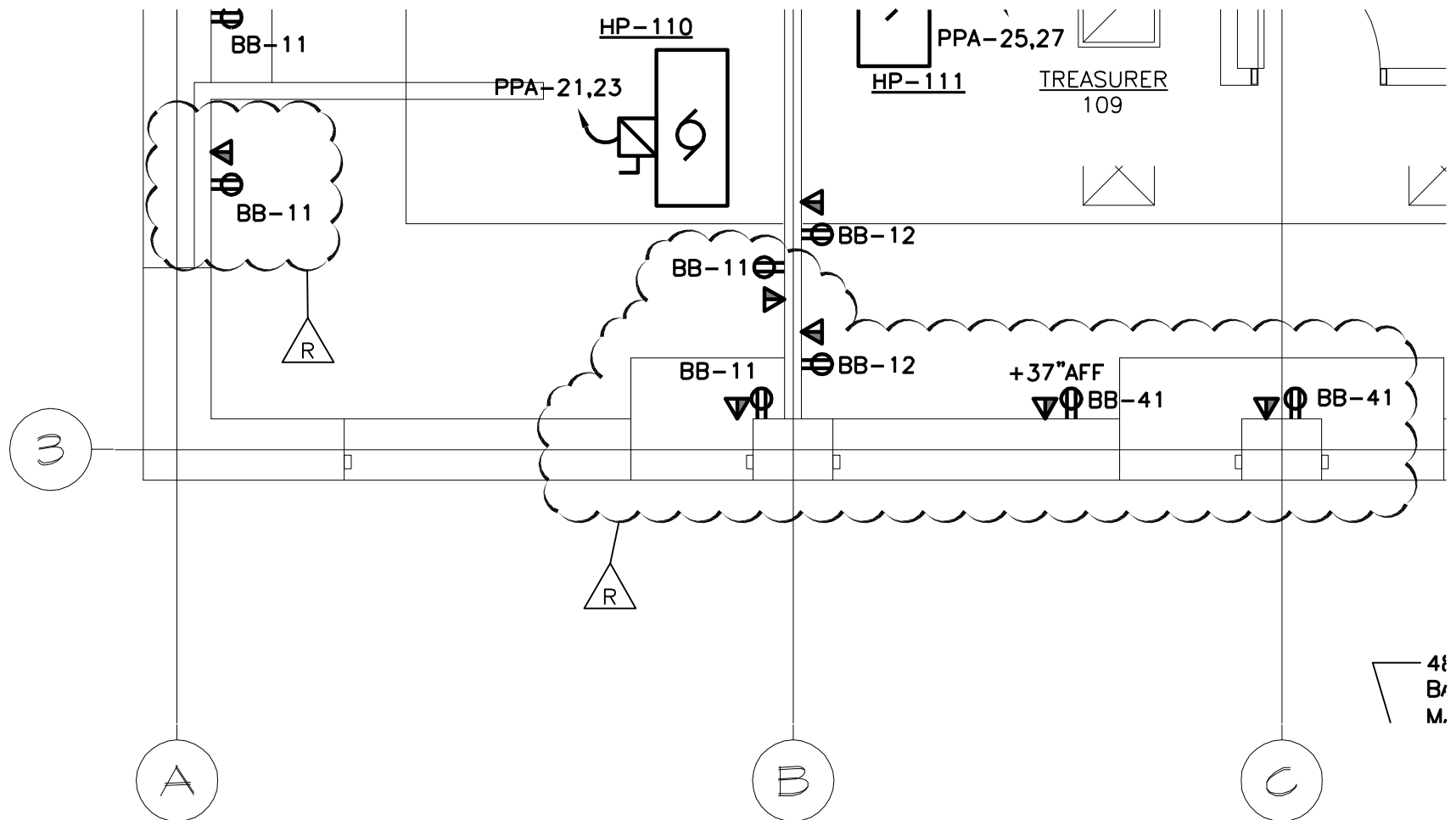


Designed by: GAC	Date: 12.07.10	Rev. 01
Dwn by: HAP	Ckd by: HJH	Design file no. 11142.00024.30EP101.DWG
Reviewed by: GAC	Scale: 1/4" = 1'-0"	
WPS Project #: 11142.00024	Client Project #: 11142	

Project Information:	RENOVATIONS TO: "THE FEDERAL BUILDING"
Sheet Title:	BULLETIN 'R' FIRST FLOOR PLAN - POWER SHEET EP101

Sheet
reference
number:

ESK4



Mark	Description	Date	By	Appr.
BULLETIN 'O'		11.17.10		



Designed by: GAC	Date: 12.07.10	Rev. 01
Dwn by: HAP	Ckd by: HJH	Design file no. 11142.00024.30EP101.DWG
Reviewed by: GAC	Scale: 1/4" = 1'-0"	
WPS Project #: 11142.00024	Client Project #: 11142	

Project Information:	RENOVATIONS TO: "THE FEDERAL BUILDING"
Sheet Title:	BULLETIN 'R' FIRST FLOOR PLAN - POWER SHEET EP101

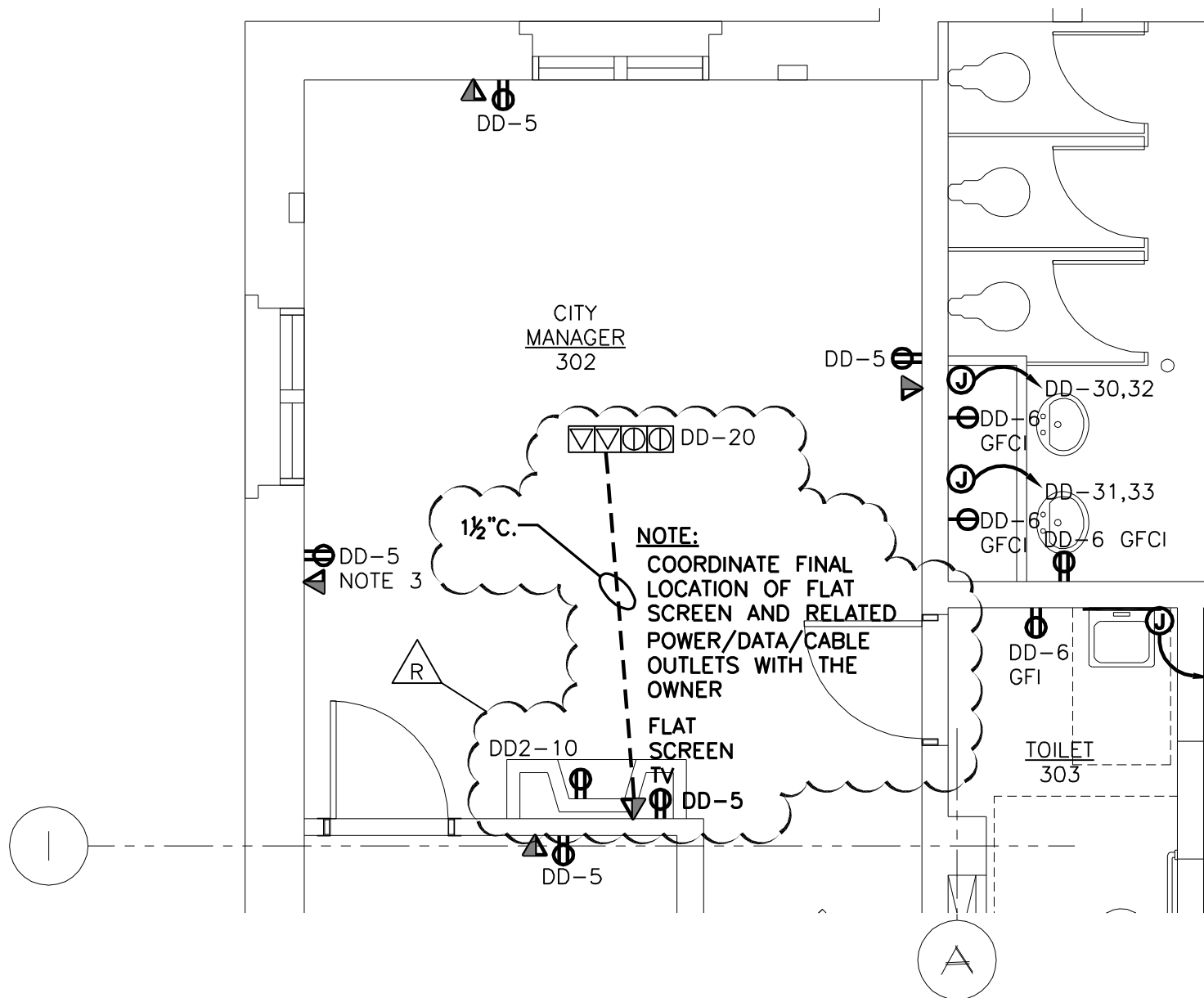
Sheet
reference
number:

ESK5



9. COILING OVERHEAD DOOR. CONTRACTOR TO PROVIDE 120V CIRCUIT FOR DOOR MOTOR AND CONTROL WIRING BETWEEN MOTOR AND PUSHBUTTON CONTROL PER MANUFACTURER'S INSTRUCTIONS. PUSHBUTTON CONTROL PROVIDED BY DOOR MANUFACTURER, INSTALLED BY E.C.

[illegible]



Mark	Description	Date	By	Appr.
	BULLETIN 'O'	11.17.10		

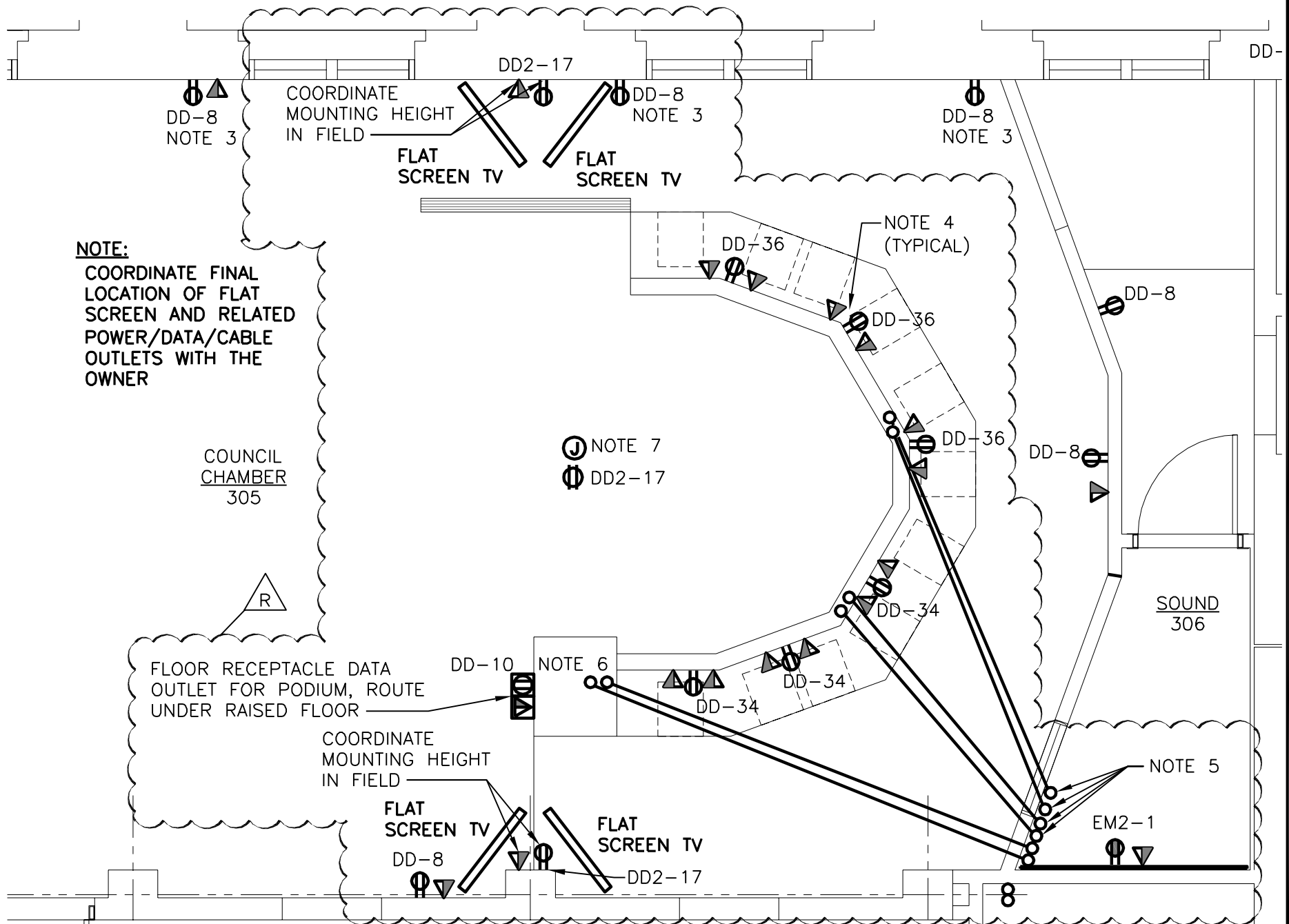


Designed by: GAC	Date: 12.07.10	Rev. 01
Dwn by: HAP	Ckd by: HJH	Design file no. 11142.00024.30EP103.DWG
Reviewed by: GAC	Scale: 1/4" = 1'-0"	Client Project #: 11142
WPS Project #: 11142.00024		

Project Information:	RENOVATIONS TO: "THE FEDERAL BUILDING"
Sheet Title:	BULLETIN 'R' THIRD FLOOR PLAN - POWER SHEET EP103

Sheet
reference
number:

ESK7



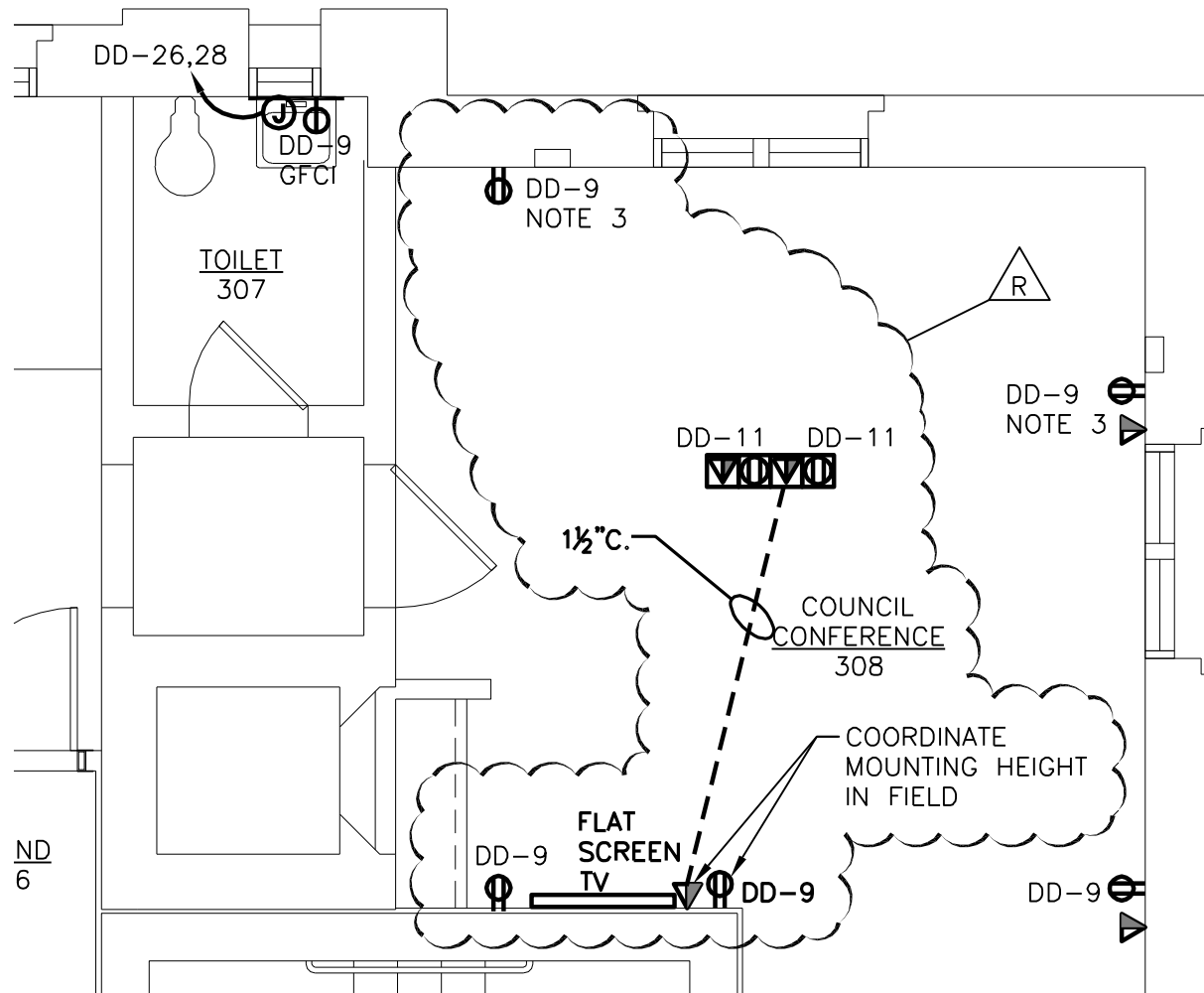
Mark	Description	Date	By	Appr.
	BULLETIN 'Q'	11.17.10		



Designed by: GAC	Date: 12.07.10	Rev. 01
Dwn by: HAP	Ckd by: HJH	Design file no. 11142.00024.30EP103.DWG
Reviewed by: GAC	Scale: 1/4" = 1'-0"	
WPS Project #: 11142.00024	Client Project #: 11142	

Project Information:
RENOVATIONS TO: "THE FEDERAL BUILDING"
Sheet Title: BULLETIN 'R' THIRD FLOOR PLAN - POWER SHEET EP103

Sheet reference number: E-SK8



Mark	Description	Date	By	Appr.
	BULLETIN 'O'	11.17.10		

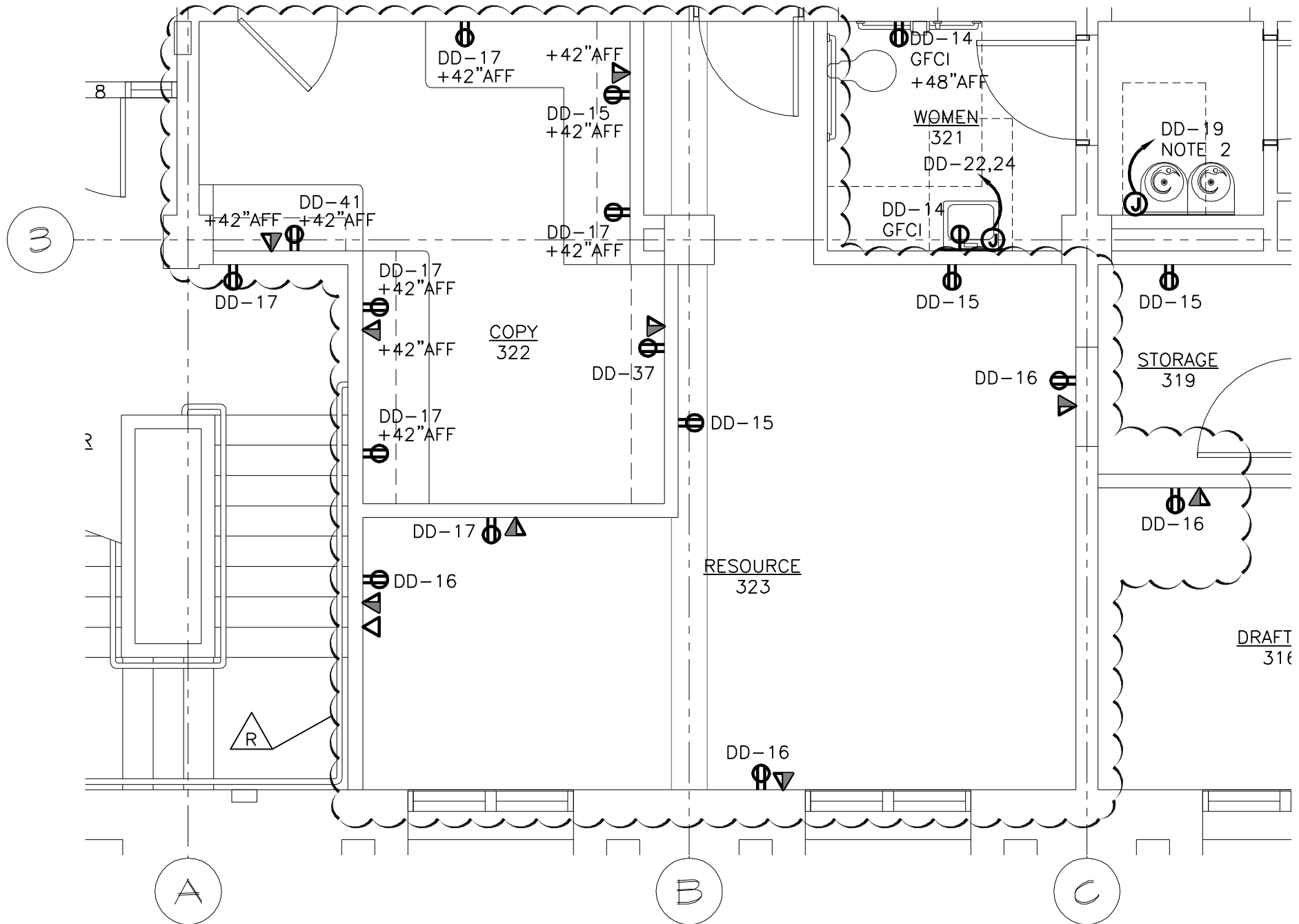


Designed by: GAC	Date: 12.07.10	Rev. 01
Dwn by: HAP	Ckd by: HJH	Design file no. 11142.00024.30EP103.DWG
Reviewed by: GAC	Scale: 1/4" = 1'-0"	
WPS Project #: 11142.00024	Client Project #: 11142	

Project Information:	RENOVATIONS TO: "THE FEDERAL BUILDING"
Sheet Title:	BULLETIN 'R' THIRD FLOOR PLAN - POWER SHEET EP103

Sheet
reference
number:

E-SK9



Mark	Description	Date	By	Appr.
	BULLETIN 'O'	11.17.10		

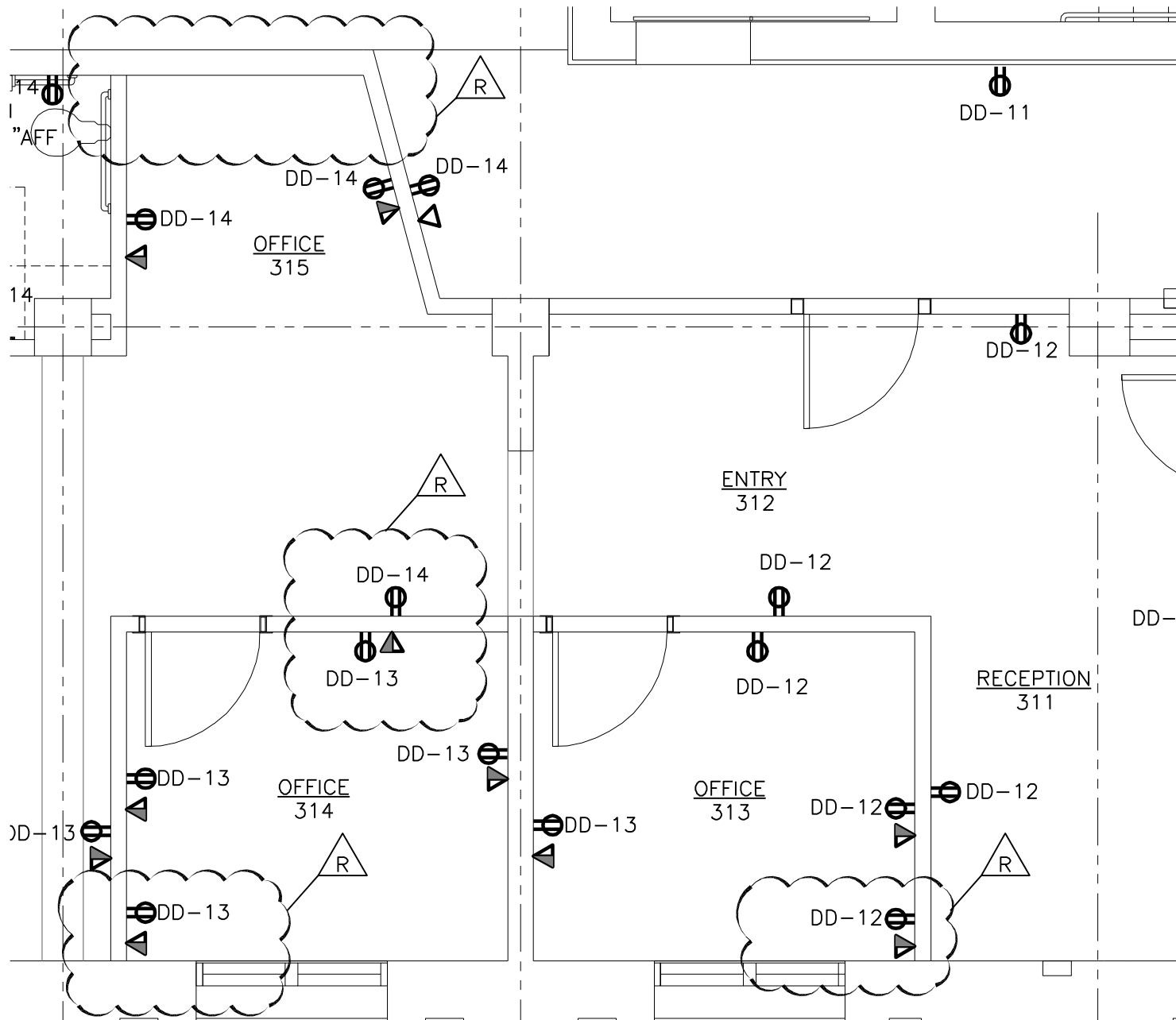


Designed by: GAC	Date: 12.07.10	Rev. 01
Dwn by: HAP	Ckd by: HJH	Design file no. 11142.00024.30EP103.DWG
Reviewed by: GAC	Scale: 1/4" = 1'-0"	
WPS Project #: 11142.00024	Client Project #: 11142	

Project Information:	RENOVATIONS TO: "THE FEDERAL BUILDING"
Sheet Title:	BULLETIN 'R' THIRD FLOOR PLAN - POWER SHEET EP103

Sheet
reference
number:

E-
SK10



Mark	Description	Date	By	Appr.
BULLETIN 'O'		11.17.10		



Designed by: GAC	Date: 12.07.10	Rev. 01
Dwn by: HAP	Ckd by: HJH	Design file no. 11142.00024.30EP103.DWG
Reviewed by: GAC	Scale: 1/4" = 1'-0"	
WPS Project #: 11142.00024	Client Project #: 11142	

Project Information:	RENOVATIONS TO: "THE FEDERAL BUILDING"
Sheet Title:	BULLETIN 'R' THIRD FLOOR PLAN - POWER SHEET EP103

Sheet
reference
number:

E-
SK11

NOTES:

1. ALL RECEPTACLES AND PHONE/DATA OUTLETS TO BE FED FROM ATTIC ABOVE. ROUTE CONDUIT THROUGH CEILING IN EXISTING OR NEW WALLS. HORIZONTAL ROUTING IN EXISTING WALLS IS NOT ALLOWED DUE TO WALL CONSTRUCTION MATERIAL.

2. COORDINATE RECEPTACLE LOCATION WITH PLUMBING CONTRACTOR.

3. LOCATE CONNECTION AND/OR PHONE DATA IN EXISTING CHASE.

R

4. RECEPTACLES AND DATA OUTLETS MOUNTED IN THE MILLWORK ABOVE THE COUNTER. REFER TO DETAIL #2/A802. WIRING BETWEEN DATA OUTLETS TO BE CONCEALED WITHIN MILLWORK. PROVIDE 1 CABLE PER DATA OUTLET.

5. 4-1" C 2-DATA, 2-POWER (DD-34, DD-36) ROUTE UNDER RAISED FLOOR.

6. 2-3/4" C 1-DATA, 1-POWER (DD-10) ROUTE UNDER RAISED FLOOR.

BM

7. CEILING MOUNTED RECEPTACLE FOR PODIUM CAMERA, AND JUNCTION BOX WITH 1-1/2" C TO CLOSET 306 FOR DATA.

8. ROUTE CAT. 6 CABLE FROM SERVER ROOM TO DOOR HEAD.

9. INSTALL TELEPHONE BACKBOARD 8'X4'X3/4" FIRE RESISTANT PLYWOOD FULL LENGTH OF WALL AND PAINT WHITE. ROUTE #6AWG GROUND CONDUCTOR TO GROUNDING ELECTRODE.

Mark	Description	Date	By	Appr.
	BULLETIN 'Q'	11.17.10		

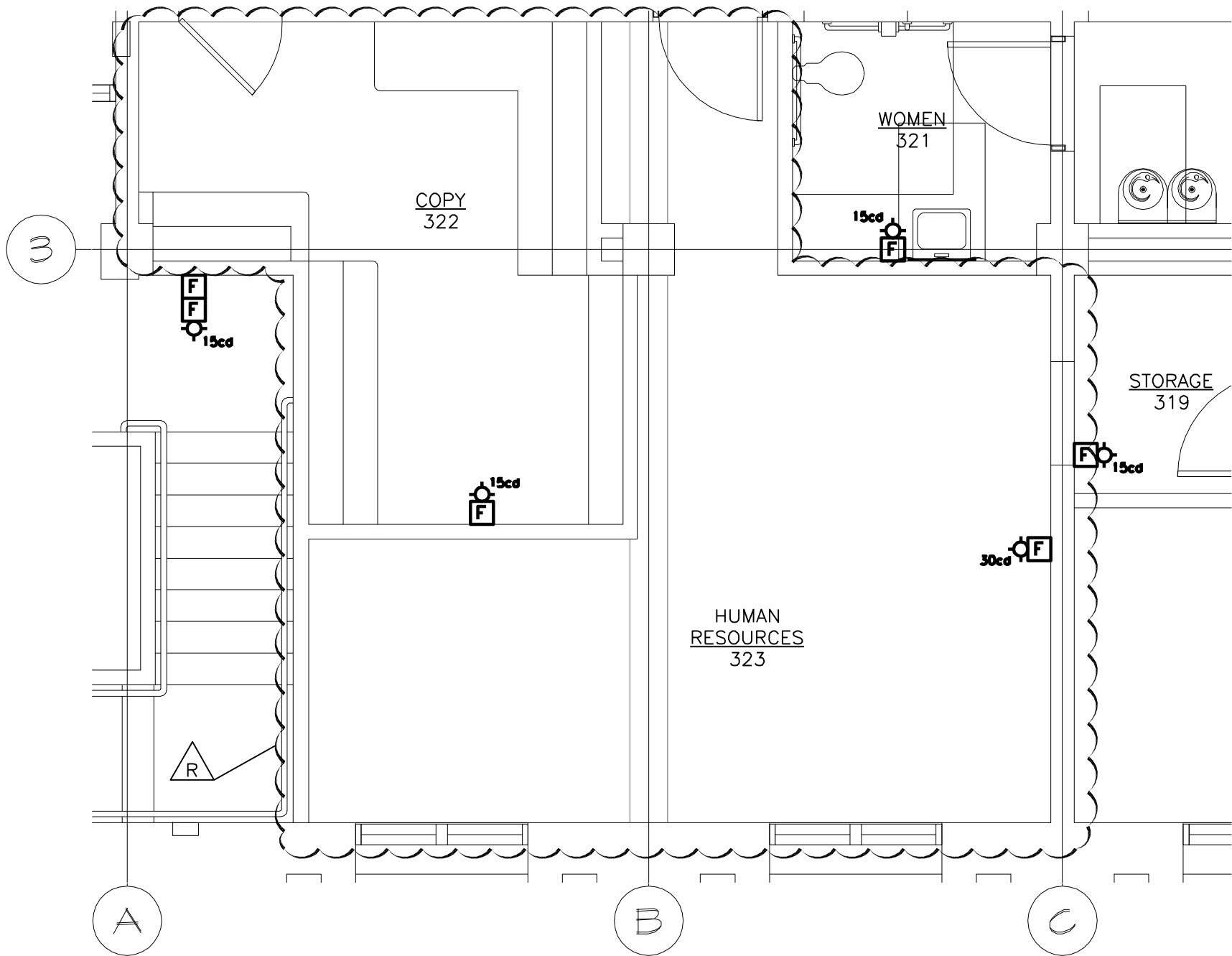


Designed by: GAC	Date: 12.07.10	Rev. 01
Dwn by: HAP	Ckd by: HJH	Design file no. 11142.00024.30EP103.DWG
Reviewed by: GAC	Scale: 1/4" = 1'-0"	
WPS Project #: 11142.00024	Client Project #: 11142	

Project Information:	RENOVATIONS TO: "THE FEDERAL BUILDING"
Sheet Title:	BULLETIN 'R' THIRD FLOOR PLAN - POWER SHEET EP103

Sheet
reference
number:

E-
SK11A



Mark	Description	Date	By	Appr.
BULLETIN 'O'		11.17.10		

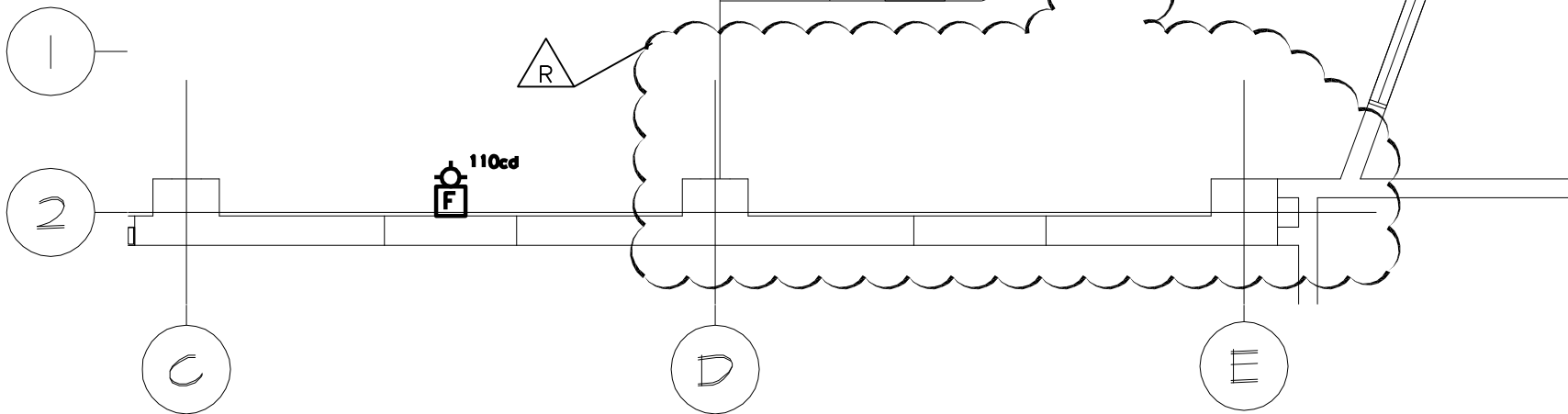


Designed by: GAC	Date: 12.07.10	Rev. 01
Dwn by: HAP	Ckd by: HJH	Design file no. 11142.00024.30FA103.DWG
Reviewed by: GAC	Scale: 1/4" = 1'-0"	
WPS Project #: 11142.00024	Client Project #: 11142	

Project Information:	RENOVATIONS TO: "THE FEDERAL BUILDING"
Sheet Title:	BULLETIN 'R' THIRD FLOOR PLAN - FIRE ALARM SHEET FA103

Sheet
reference
number:
E-
SK12

COUNCIL
CHAMBER
305



Mark	Description	Date	By	Appr.
	BULLETIN 'O'	11.17.10		



Designed by: GAC	Date: 12.07.10	Rev. 01
Dwn by: HAP	Ckd by: HJH	Design file no. 11142.00024.30FA103.DWG
Reviewed by: GAC	Scale: 1/4" = 1'-0"	
WPS Project #: 11142.00024	Client Project #: 11142	

Project Information:	RENOVATIONS TO: "THE FEDERAL BUILDING"
Sheet Title:	BULLETIN 'R' THIRD FLOOR PLAN - FIRE ALARM SHEET FA103

Sheet
reference
number:
E-
SK13

PANEL " PPA "	MAIN: SIZE & TYPE: MLO				PANEL LOCATION: BASEMENT			
	BUS RATING: 225 A				FEEDER SIZE: 4#4/0, 1#4G			
	VOLTAGE: 120 / 208 V 3 Ø, 4 WIRE				FED FROM: MDP			
	SECTION 1 MOUNTING: SURFACE				MIN RMS AMPS: 22,000			

CKT #	CIRCUIT DESCRIPTION	LOAD (KVA)			AMPS / POLES	CKT #	LOAD TYPE	LOAD #	AMPS / POLES	LOAD (KVA)			CIRCUIT DESCRIPTION	CKT #
		A	B	C						A	B	C		
1	HP001/HP002/HP003	2.020			30/2	1	H	H	2	20/2	1.400		HP101	2
3	HP001/HP002/HP003		2.020		30/2	3	H	H	4	20/2		1.400	HP101	4
5	HP004			1.400	20/2	5	H	H	6	20/2			HP102	6
7	HP004	1.400			20/2	7	H	H	8	20/2	1.400		HP102	8
9	HP005		1.400		20/2	9	H	O	10	30/2		2.050	RM 121 WATER HEATER	10
11	HP005			1.400	20/2	11	H	O	12	30/2			RM 121 WATER HEATER	12
13	HP006	0.373			30/2	13	H	H	14	20/2	1.520		HP104	14
15	HP006		0.373		30/2	15	H	H	16	20/2		1.520	HP104	16
17	HP109			2.226	30/2	17	H	H	18	20/2			HP106	18
19	HP109	2.226			30/2	19	H	H	20	20/2	1.400		HP106	20
21	HP110		2.226		30/2	21	H	H	22	20/2		1.400	HP107	22
23	HP110			2.226	30/2	23	H	H	24	20/2			HP107	24
25	HP111	2.226			30/2	25	H	H	26	20/2	1.520		HP108	26
27	HP111		2.226		30/2	27	H	H	28	20/2		1.520	HP108	28
29	HP112			2.226	30/2	29	H	H	30	30/2			HP201/HP203	30
31	HP112	2.226			30/2	31	H	H	32	30/2	2.100		HP201/HP203	32
33	HP113		2.226		30/2	33	H	H	34	20/2		1.520	HP204	34
35	HP113			2.226	30/2	35	H	H	36	20/2			HP204	36
37	HP114	2.850			45/2	37	H		38				SPACE	38
39	HP114		2.850		45/2	39	H		40				SPACE	40
41	SPACE					41			42				SPACE	42

LOAD SUMMARY		KVA CONNECTED						KVA SUMMARY				
		A	B	C				TOTAL	FACTOR	DEMAND		
RECEPTACLES	R	0.000	0.000	0.000				0.000	0.500	0.000		
LIGHTING	L	0.000	0.000	0.000				0.000	1.000	0.000		
HVAC	H	22.661	20.681	19.524				62.866	0.900	56.579		
OTHER	O	0.000	2.050	2.050				4.100	0.600	2.460		
EXISTING	E	0.000	0.000	0.000				0.000	1.000	0.000		
KVA / PHASE		22.661	22.731	21.574				66.966		59.039	TOTAL ESTIMATE KVA	
VOLTS / PHASE		120	120	120				208		208	SYSTEM VOLTAGE	
AMPS / PHASE		188.842	189.425	179.783				185.884		163.882	AMPS	

NOTES: ALL BREAKERS TO BE HACR RATED.
BREAKER #10-12 SHALL BE LOCKABLE.

Mark	Description	Date	By	Appr.
	BULLETIN "R"	11.18.10		



Designed by: GAC	Date: 12.07.10	Rev. 01
Drawn by: HAP	Checked by: HJH	Design file no. 11142.00024.30E-601.DWG
Reviewed by: GAC	Scale: 1/4" = 1'-0"	
WPS Project #: 11142.00024	Client Project #: 11142	

Project Information:	
RENOVATIONS TO: "THE FEDERAL BUILDING"	
Sheet Title:	BULLETIN "R" PANEL SCHEDULES SHEET E-601

Sheet reference number:

E-
SK14

PANEL "PP-BB"	MAIN: SIZE & TYPE:		MLO			PANEL LOCATION:	BASEMENT
	BUS RATING:		225 A			FEEDER SIZE:	4#4/0, #4G
	VOLTAGE:		120/ 208 V	3 Ø,	4 WIRE	FED FROM:	MDP
SECTION 1	MOUNTING:		FLUSH			MIN RMS AMPS:	22,000

CKT #	CIRCUIT DESCRIPTION	LOAD (KVA)			AMPS / POLES	CKT #	TYPE	LOAD	CKT #	AMPS / POLES	LOAD (KVA)			CIRCUIT DESCRIPTION	CKT #
		A	B	C							A	B	C		
1	LTS RM. 106,107,108,110,112,114,121 UND CAB LTS RM 121	1.523	R		20	1	L	L	2	20	1.245			LTS RM. 103, 109	2
3	RM 103, 104 RECEPT		1.115		20	3	R	R	4	20		1.440		RM 106 RECEPT	4
5	RM 105 RECEPT			1.080	20	5	R	R	6	20			0.900	RM 109 RECEPT	6
7	RM 111, 119 RECEPT	0.720			20	7	R	R	8	20	0.720			RM 120 RECEPT	8
9	RECEPTS. RM 101, 121		1.260		20	9	R	R	10	20		1.500		REFRIGERATOR RM 121	10
11	RM 105 RECEPT			1.260	20	11	R	R	12	20			1.080	RM 109 RECEPT	12
13	RM 109, 110 RECEPT	1.260			20	13	R	H	14	40	3.750			REH-000 - REH005	14
15	TOILET RM 103 WH		2.050		30/2	15	R	R	16	30/2		2.050		TOILET RM 112 WH	16
17	TOILET RM 103 WH			2.050	30/2	17	R	R	18	30/2			2.050	TOILET RM 112 WH	18
19	S OUTDOOR RECEPT	0.360			20	19	R	R	20	20	0.180			REH CONTACTOR	20
21	W OUTDOOR RECEPT		0.360		20	21	R	R	22	20		0.500		WATER COOLER	22
23	PROJECTOR SCREEN 121			0.500	20	23	R	R	24	20			0.360	N OUTDOOR RECEPT	24
25	N SITE LIGHTING	0.900			20/2	25	L	L	26	20	0.180			LIGHTING CONTACTOR	26
27	N SITE LIGHTING		0.900		20/2	27	L	R	28	20		0.360		E OUTDOOR RECEPT	28
29	RM 014 RECEPT			0.180	20	29	R	L	30	20			1.241	LTS RM 104,105,106,107,108,110, UND CAB 105	30
31	RM 014, 015 RECEPTS	0.720			20	31	R	R	32	20	1.500			DISHWASHER REC. RM 121	32
33	RM 014, 015 RECEPTS		0.900		20	33	R	L	34	30/2		2.070		EXTERIOR FLOOD LIGHTS	34
35	RM 015 RECEPT			0.180	20	35	R	L	36	30/2			2.070	EXTERIOR FLOOD LIGHTS	36
37	RM 121 DISHWASHER	1.500			20	37	O	R	38	20	0.180			RM 120 TIME CLOCK	38
39	RM 110 WIRE MOLD		1.080		20	39	R	H	40	20		1.000		VESTIBULE ELECT. HEATER	40
41	RM 101, 110 RECEPT			0.720	20	41	R		42					SPACE	42

LOAD SUMMARY		KVA CONNECTED			KVA SUMMARY			
		A	B	C	TOTAL	FACTOR	DEMAND	
RECEPTACLES	R	5.640	12.615	10.360	28.615	0.500	14.308	
LIGHTING	L	3.848	2.970	3.311	10.129	1.000	10.129	
HVAC	H	3.750	1.000	0.000	4.750	0.950	4.513	
OTHER	O	1.500	0.000	0.000	1.500	0.600	0.900	
EXISTING	E	0.000	0.000	0.000	0.000	1.000	0.000	
KVA / PHASE		14.738	16.585	13.671	44.994		29.849	TOTAL ESTIMATE KVA
VOLTS / PHASE		120	120	120	208		208	SYSTEM VOLTAGE
AMPS / PHASE		122.817	138.208	113.925	124.895		82.855	AMPS

NOTES: Circuit breaker #38 to be "locked-on".

Mark	Description	Date	By	Appr.
	BULLETIN 'O'	11.17.10		



Designed by: GAC	Date: 12.07.10	Rev. 01
Drawn by: HAP	Design file no. 11142.00024.30E-601.DWG	
Reviewed by: GAC	Scale: 1/4" = 1'-0"	
WPS Project #: 11142.00024	Client Project #: 11142	

Project Information:
RENOVATIONS TO: "THE FEDERAL BUILDING"
Sheet Title: BULLETIN 'R' PANEL SCHEDULES SHEET E-601

Sheet
reference
number:

E-
SK15

PANEL "PP-DD"	MAIN: SIZE & TYPE:		MLO				PANEL LOCATION:	ATTIC
	BUS RATING:		225 A				FEEDER SIZE:	4#4/0, #4G
	VOLTAGE:		120 / 208 V	3 Ø,	4 WIRE		FED FROM:	MDP
	MOUNTING:		FLUSH				MIN RMS AMPS:	22,000
SECTION 1								

CKT #	CIRCUIT DESCRIPTION	LOAD (KVA)			AMPS / POLES	CKT #	TYPE	LOAD	CKT #	AMPS / POLES	LOAD (KVA)			CIRCUIT DESCRIPTION	CKT #
		A	B	C							A	B	C		
1	LIGHTS RM. 301,302,303,304,322,323 UND CAB LTS 322	1.100			20	1	L	L	2	20	1.493			Lts 306,307,308 Pendant Lts 305	2
3	LIGHTS RM. 309,310-316,319-321		1.051		20	3	L	L	4	20		1.711		ATTIC LIGHTS	4
5	RM 301, 302 RECEPT			1.080	20	5	R	R	6	20			1.260	RM 304, 305 RECEPT	6
7	RM 301 RECEPT	0.900			20	7	R	R	8	20	1.080			RM 305 RECEPT	8
9	RM 308 RECEPT		1.260		20	9	R	R	10	20		0.900		RM 305 FLOOR RECEPT	10
11	RM 308, 310 RECEPT			1.260	20	11	R	R	12	20			1.080	RM 311, 312, 313 RECEPT	12
13	RM 315, 316, 319 RECEPT	1.080			20	13	R	R	14	20	1.080			RM 321, 323 RECEPT	14
15	RM 323 RECEPT		1.080		20	15	R	R	16	20		1.080		RM 323 RECEPT	16
17	RM 322 RECEPT			0.720	20	17	R	R	18	20			1.620	ATTIC RECEPT	18
19	WATER COOLERS	1.500			20	19	R	R	20	20	0.900			FLOOR RECEPT	20
21	TOILET RM 303 WH		2.050		30/2	21	R	R	22	30/2		2.050		TOILET RM 321 WH	22
23	TOILET RM 303 WH			2.050	30/2	23	R	R	24	30/2			2.050	TOILET RM 321 WH	24
25	TOILET RM 320 WH	2.050			30/2	25	R	R	26	30/2	2.050			TOILET RM 307 WH	26
27	TOILET RM 320 WH		2.050		30/2	27	R	R	28	30/2		2.050		TOILET RM 307 WH	28
29	EXHAUST FANS			0.500	20	29	H	R	30	30/2			2.050	TOILET RM 304 WH	30
31	TOILET RM 304 WH	2.050			30/2	31	R	R	32	30/2	2.050			TOILET RM 304 WH	32
33	TOILET RM 304 WH		2.050		30/2	33	R	R	34	20		0.900		RM 305 RECEPT	34
35	ATTIC LIGHTING CTRL PNL			1.000	20	35	L		36				0.900	RM 305 RECEPT	36
37	COPIER RM 322	1.500			20	37	O	O	38	100/3	6.670			PANEL "PP-DD2"	38
39	ATTIC RECEPTACLES		0.720		20	39	R		40	100/3		6.670		PANEL "PP-DD2"	40
41	MAIL MACHINE RM 322			1.000	20	41	R	O	42	100/3			6.670	PANEL "PP-DD2"	42

LOAD SUMMARY		KVA CONNECTED			KVA SUMMARY			
		A	B	C	TOTAL	FACTOR	DEMAND	
RECEPTACLES	R	14.740	16.190	14.170	45.100	0.500	22.550	
LIGHTING	L	2.593	2.762	1.000	6.355	1.000	6.355	
HVAC	H	0.000	0.000	0.500	0.500	0.950	0.475	
OTHER	O	8.170	6.670	6.670	21.510	0.600	12.906	
EXISTING	E	0.000	0.000	0.000	0.000	1.000	0.000	
KVA / PHASE		25.503	25.622	22.340	73.465		42.286	TOTAL ESTIMATE KVA
VOLTS / PHASE		120	120	120	208		208	SYSTEM VOLTAGE
AMPS / PHASE		212.525	213.517	186.167	203.924		117.378	AMPS

NOTES:

Mark	Description	Date	By	Appr.
	BULLETIN "O"	11.17.10		



Designed by: GAC	Date: 12.07.10	Rev. 01
Drawn by: HAP	Checked by: HJH	Design file no. 11142.00024.30E-601.DWG
Reviewed by: GAC	Scale: 1/4" = 1'-0"	Client Project #: 11142
WPS Project #: 11142.00024		

Project Information:	RENOVATIONS TO: "THE FEDERAL BUILDING"
Sheet Title:	BULLETIN "R" PANEL SCHEDULES SHEET E-601

Sheet reference number:

E-
SK16