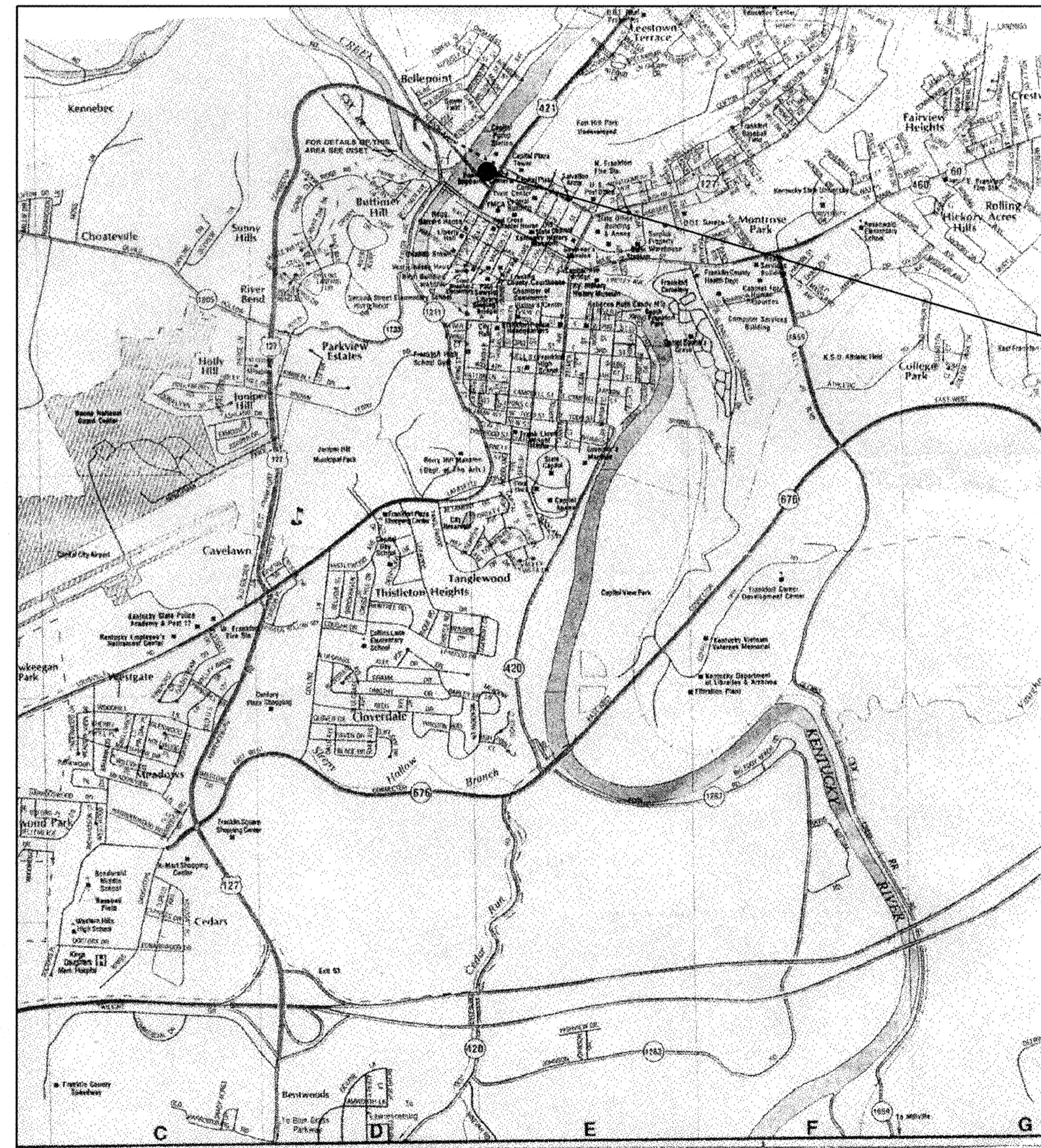


# ROOF REPLACEMENT CAPITAL PLAZA

FRANKFORT, KENTUCKY

COMMONWEALTH OF KENTUCKY  
DEPARTMENT FOR FACILITIES AND SUPPORT SERVICES  
DIVISION OF ENGINEERING AND CONTRACT ADMINISTRATION  
403 WAPPING STREET, FIRST FLOOR  
FRANKFORT, KENTUCKY

ERNIE FLETCHER, GOVERNOR  
STATE OF KENTUCKY



SITE LOCATION PLAN N. T. S.

THIS PROJECT

**CONSTRUCTION LOADS SHALL NO EXCEED:**

- PLAZA LEVEL 250 P. S. F. LIVE LOAD  
12,000 POUNDS CONCENTRATED.
- PLAZA PLANTERS 50 P. S. F. LIVE LOAD
- MEZZANINE (POOL AREA) 100 P. S. F. LIVE LOAD
- VEHICLES ON PLAZA SHALL NOT EXCEED  
A SPEED OF 5 M. P. H.

WILLIAM C. MARTIN, P.S.C.  
ARCHITECTS - ENGINEERS



**LEGEND**

	BRICK
	CONCRETE
	EARTH
	GRAVEL
	GYPSUM BOARD
	ROUGH LUMBER
	FINISH LUMBER
	INSULATION
	PLYWOOD
	ALUMINUM
	STEEL
	SHEET METAL
	EXIST. GRADE
	SECTION ON SHEET

**ABBREVIATIONS**

AFF.	ABOVE FINISH FLOOR
AL.	ALUMINUM
BLDG.	BUILDING
BOTT.	BOTTOM
B. S.	BRICK SEAT
CAB.	CABINET
C/L	CENTER LINE
CONC.	CONCRETE
CONT.	CONTINUOUS
DET.	DETAIL
D. S.	DOWNSPOUT
EA.	EACH
EL.	ELEVATION
E.J.M.	EXPANSION JT. MATERIAL
EQ.	EQUAL
EXIST.	EXISTING
EXT.	EXTERIOR
F. D.	FLOOR DRAIN
FL.	FLOOR
GA.	GAUGE
G. I.	GALVANIZED IRON
GR.	GRADE
GYP. BD.	GYPSUM BOARD
INSUL.	INSULATION
JT.	JOINT
MAT.	MATERIAL
MET.	METAL
M. H.	MAN HOLE
M.O.	MASONRY OPENING
N. T. S.	NOT TO SCALE
P.L.	PLATE
PLY. WD.	PLYWOOD
REQ.	REQUIRED
R. D.	ROOF DRAIN
R. O.	ROUGH OPENING
S/S	STAINLESS STEEL
TOGG.	TOGGLE BOLT
TYP.	TYPICAL
WD.	WOOD
W/O	WITH OUT
W/P	WATERPROOF
C/R	COLD ROLLED
T/E	TAPERED EDGE
VBS	VENTING BASE SHEET
BSF	BASE SHEET FASTNER

**BOLTS AND SCREWS**

FH	FLAT HEAD
RH	ROUND HEAD
OH	OVAL HEAD
WS	WOOD SCREW
SMS	SHEET METAL SCREW
MB	MACHINE BOLT
PDF	POWER DRIVEN FASTNER

**INDEX TO NOTES**

- 1. GENERAL
- (1-1) Thru 1-4 Sh. A-1
- 2. EXISTING TO REMAIN
- (2-1) Thru 2-17 Sh. A-1, 2
- 21. EXISTING TO REMOVE
- (21-1) Thru 21-6 Sh. A-1, 2
- 22. REMOVE AND REPLACE
- (22-1) Thru 22-2 Sh. A-1, 2, 3
- 23. REMOVE AND REPLACE BY OWNER
- (23-1) Thru 23-2 Sh. A-1, 2, 3
- 3. Not used.
- 4. Not Used.
- 5. Not Used.
- 6. Not used.
- 7. ROOFING
- (7-1) Thru 7-18 Sh. A-3
- 71. SHEET METAL
- (71-1) Thru 71-3 Sh. A-3

**SCHEDULE OF DRAWINGS**

<u>SHEET</u>	<u>TITLE</u>
T-1	TITLE SHEET AND SCHEDULE OF DRAWINGS

**SITE DEVELOPMENT**

NONE REQUIRED THIS PROJECT

**ARCHITECTURAL**

A-1	AREA PLAN
A-2	ROOF PLAN
A-3	DETAILS

**STRUCTURAL**

NONE REQUIRED THIS PROJECT

**PLUMBING**

NONE REQUIRED THIS PROJECT

**HVAC**

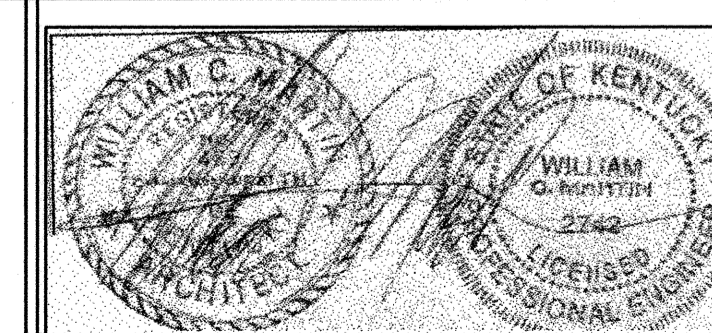
NONE REQUIRED THIS PROJECT

**ELECTRICAL**

NONE REQUIRED THIS PROJECT

**"AS-BUILT" NOTES**

DATE: 14 Mar. 2008  
1. No changes to show on these drawings.



CPA-1013

**INDEX TO NOTES**

**1. GENERAL**

(1-1) Thru 1-4 Sh. A-1

**2. EXISTING TO REMAIN**

(2-1) Thru 2-17 Sh. A-1, 2

**21. EXISTING TO REMOVE**

(21-1) Thru 21-6 Sh. A-1, 2

**22. REMOVE AND REPLACE BY OWNER**

(22-1) Thru 22-2 Sh. A-1, 2, 3

**23. REMOVE AND REPLACE BY OWNER**

(23-1) Thru 23-2 Sh. A-1, 2, 3

3. Not used.

4. Not Used.

5. Not Used.

6. Not used.

**7. ROOFING**

(7-1) Thru 7-18 Sh. A-3

**71. SHEET METAL**

(71-1) Thru 71-3 Sh. A-3

**1. GENERAL**

(1-1) Do not scale drawings.

1-2 Verify field conditions, dimensions and quantities prior to ordering or placing any materials in the work.

1-3 Protect structure and existing utilities from damage by reason of this work.

1-4 Crack to be located and sealed.

**2. EXISTING TO REMAIN**

(2-1) Pre-cast concrete panels.

2-2 Modified bitumen roofing.

2-3 Light weight concrete fill.

2-4 Concrete slab.

2-5 Concrete piers.

2-6 Roof drains.

2-7 Concrete wall.

2-8 Expansion joint construction.

2-9 Expansion joint cover.

2-10 Elevator.

2-11 Wall cap.

2-12 Column below.

2-13 Planting area.

2-14 2 piece copper counter flashing.

2-15 Cap flashing.

2-16 Retainer bar.

2-17 Base flashing.

**21. EXISTING TO REMOVE**

(21-1) Expansion joint covers.

21-2 Roofing and flashing.

21-3 Light weight fill in this area.

21-4 Remove 2' wide by 4' long section of light weight concrete where directed by the architect.

21-5 Metal foil facing on existing cap sheet flashing.

21-6 Cap sheet and base ply flashing this side of pier.

**22. EXISTING TO REPLACE**

(22-1) Existing expansion joint covers.

22-2 Damaged sections of joint cover with new matching material.

**23. REMOVE AND REPLACE BY THE OWNER**

(23-1) Precast concrete panels.

23-2 Leveling shims.

**7. ROOFING**

(7-A) Prime all surfaces to receive new roofing materials.

7-B Secure all roofing felts and flashing with adhesive specified.

7-1 Cut-off sheet. Set in and coat over with a heavy mopping of hot asphalt.

7-2 Insulation fill.

7-3 Venting base sheet.

7-4 Base sheet.

7-5 Cap sheet.

7-6 "Strip" flashing - Low melt modified bitumen.

7-7 DO NOT secure "Strip" flashing to cant strip.

7-8 Cap flashing - modified bitumen with metal foil face aluminum surface.

7-9 Drape layer of cap flashing over expansion joint. Seal laps full width and length with adhesive. Seal to wood members.

7-10 Nail maximum 12" c/c.

7-11 4" radius on outside corner base ply flashing all piers.

7-12 1 1/2" x 4" wood fiber cant strip.

7-13 Caulk continuous or all around.

7-14 Vented base sheet fasteners maximum 12" c/c.

7-15 "Tru-Fast" No. TB-100 aluminum termination bars.

7-16 Fill crack with hot asphalt.

7-17 New cap sheet flashing on top of all piers.

7-18 New cap sheet flashing.

**71. SHEET METAL**

71-1 16 ounce copper expansion joint cover.

71-2 Secure where shown with copper nails.

71-3 Standing seam joint.

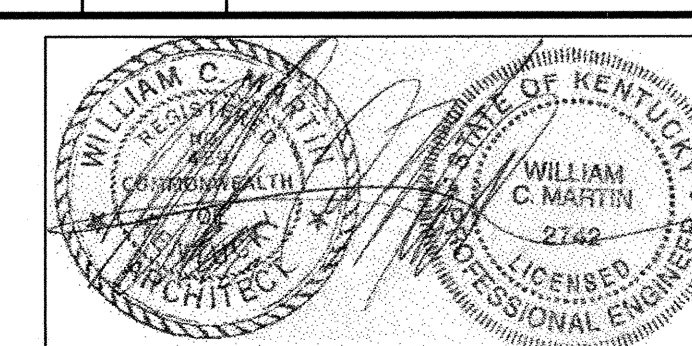
**"AS-BUILT" NOTES**

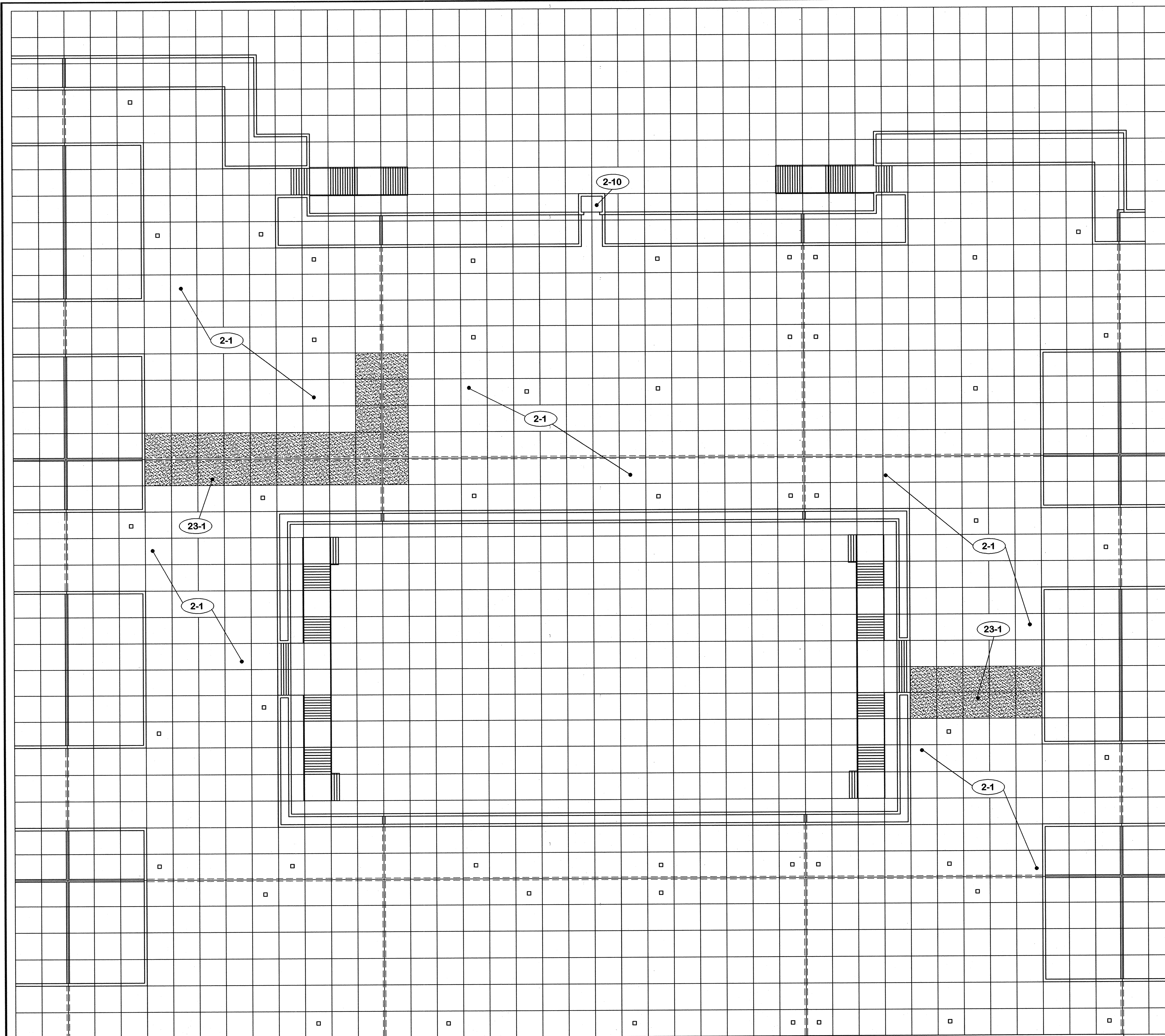
No changes.

CPA-1014

		<b>ROOF REPLACEMENT CAPITAL PLAZA</b>	
		<b>FRANKFORT, KENTUCKY</b>	
AS BUILT DATE	14 Mar. 2008	<b>ARCHITECTURAL NOTES</b>	
DRAWN BY	M	COMMONWEALTH OF KENTUCKY DEPARTMENT FOR FACILITIES AND SUPPORT SERVICES DIVISION OF ENGINEERING AND CONTRACT ADMINISTRATION FRANKFORT, KENTUCKY	
CHECKED BY	M		
A & E FILE	573-94	WILLIAM C. MARTIN, P. S. C. ARCHITECTS-ENGINEERS 620 EUCLID AVENUE LEXINGTON, KENTUCKY	
DATE	16 July 2007		
AGENCY AUTHORIZED AGENT		APPROVED FOR PROGRAM CONCEPT ONLY	
DIVISION OF ENGINEERING		APPROVED FOR PROGRAM CONCEPT ONLY	

DRAWING NO. **AN-1**  
OF 5  
REVIEWED BY: 4-L-DB  
ENG. FILE NO. 785-3700





1. **GENERAL**
  - 1-1 Do not scale drawings.
  - 1-2 Verify field conditions, dimensions and quantities prior to ordering or placing any materials in the work.
  - 1-3 Protect structure and existing utilities from damage by reason of this work.
  - 1-4 Crack to be located and sealed.
2. **EXISTING TO REMAIN**
  - 2-1 Pre-cast concrete panels.
  - 2-2 Modified bitumen roofing.
  - 2-3 Light weight concrete fill.
  - 2-4 Concrete slab.
  - 2-5 Concrete piers.
  - 2-6 Roof drains.
  - 2-7 Concrete wall.
  - 2-8 Expansion joint construction.
  - 2-9 Expansion joint cover.
  - 2-10 Elevator.
  - 2-11 Wall cap.
  - 2-12 Column below.
  - 2-13 Planting area.
  - 2-14 2 piece copper counter flashing.
  - 2-15 Cap flashing.
  - 2-16 Retainer bar.
  - 2-17 Base flashing.
22. **EXISTING TO REPLACE**
  - 22-1 Existing expansion joint covers.
  - 22-2 Damaged sections of joint cover with new matching material.
23. **REMOVE AND REPLACE BY THE OWNER**
  - 23-1 Precast concrete panels.
  - 23-2 Leveling shims.

**AREA PLAN** 1" = 20' - 0" (SHOWING PANELS TO BE REMOVED)

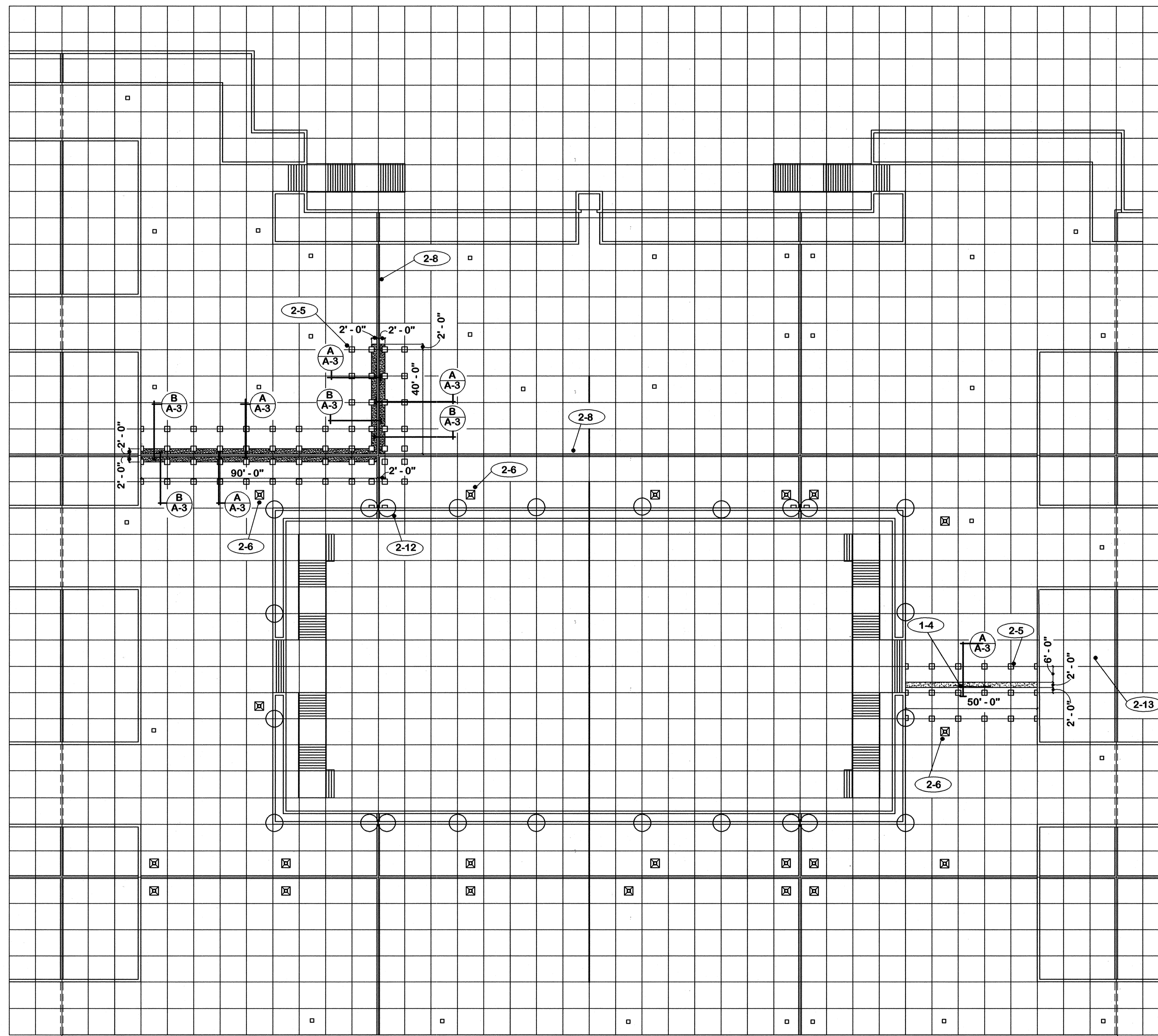


**"AS-BUILT" NOTES**  
No changes.

CPA-1015

REV.	DATE	DESCRIPTION

<b>ROOF REPLACEMENT CAPITAL PLAZA FRANKFORT, KENTUCKY</b>	
AS BUILT DATE <b>14 Mar. 2008</b>	DRAWING NO. <b>A-1</b>
DRAWN BY <i>MARTIN</i>	OF 5
CHECKED BY <i>MARTIN</i>	REVIEWED BY: <i>W.C.M.</i>
A & B FILE <b>573-94</b>	DATE <b>16 July 2007</b>
<b>COMMONWEALTH OF KENTUCKY FINANCE AND ADMINISTRATION CABINET DEPARTMENT FOR FACILITIES MANAGEMENT DIVISION OF ENGINEERING FRANKFORT, KENTUCKY</b>	
<b>WILLIAM C. MARTIN, P.S.C. ARCHITECTS-ENGINEERS 630 EUCLID AVENUE LEXINGTON, KENTUCKY</b>	
AGENCY AUTHORIZED AGENT	DATE
APPROVED FOR PROGRAM CONCEPT ONLY	
DIVISION OF ENGINEERING	DATE
APPROVED FOR PROGRAM CONCEPT ONLY	



- 1. GENERAL
  - 1-1 Do not scale drawings.
  - 1-2 Verify field conditions, dimensions and quantities prior to ordering or placing any materials in the work.
  - 1-3 Protect structure and existing utilities from damage by reason of this work.
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  - 2-1 Pre-cast concrete panels.
  - 2-2 Modified bitumen roofing.
  - 2-3 Light weight concrete fill.
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  - 2-15 Cap flashing.
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  - 2-17 Base flashing.
  
- 22. EXISTING TO REPLACE
  - 22-1 Existing expansion joint covers.
  - 22-2 Damaged sections of joint cover with new matching material.
  
- 23. REMOVE AND REPLACE BY THE OWNER
  - 23-1 Precast concrete panels.
  - 23-2 Leveling shims.

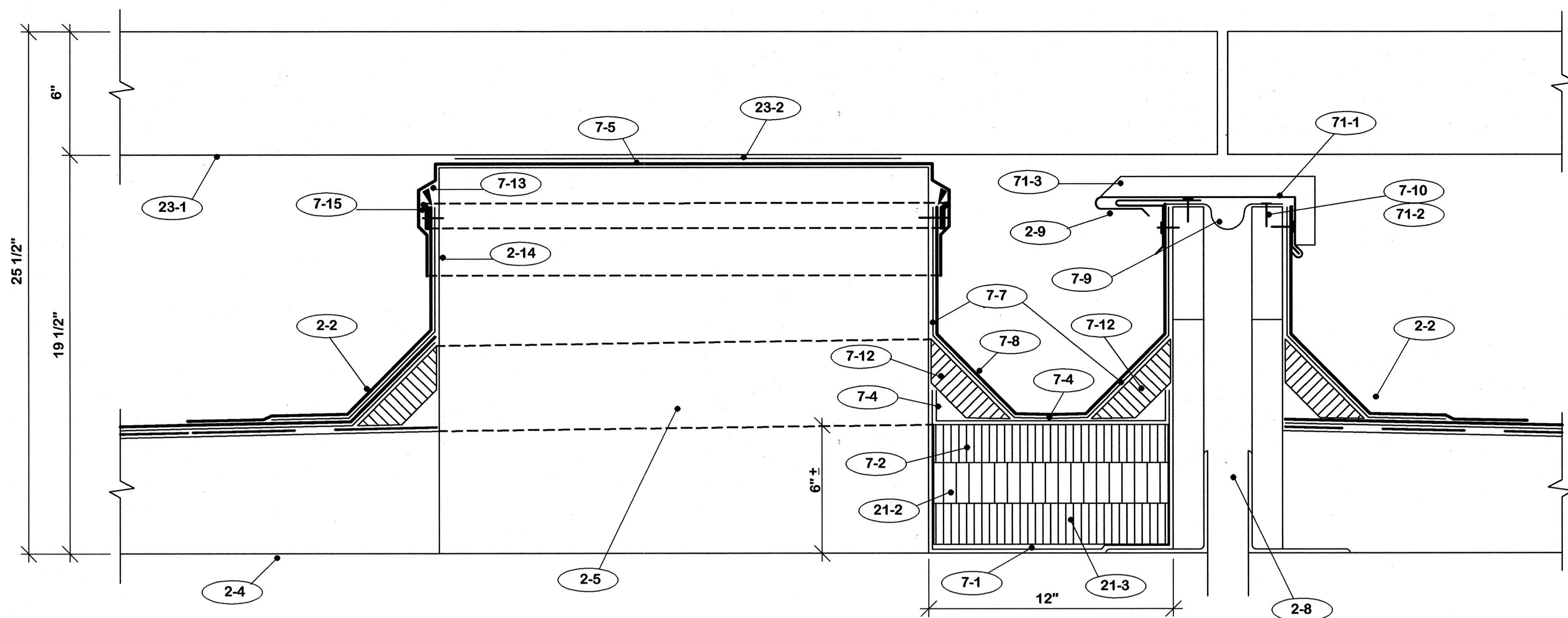
ROOF PLAN 1" = 20'-0" NORTH

"AS-BUILT" NOTES  
No changes.

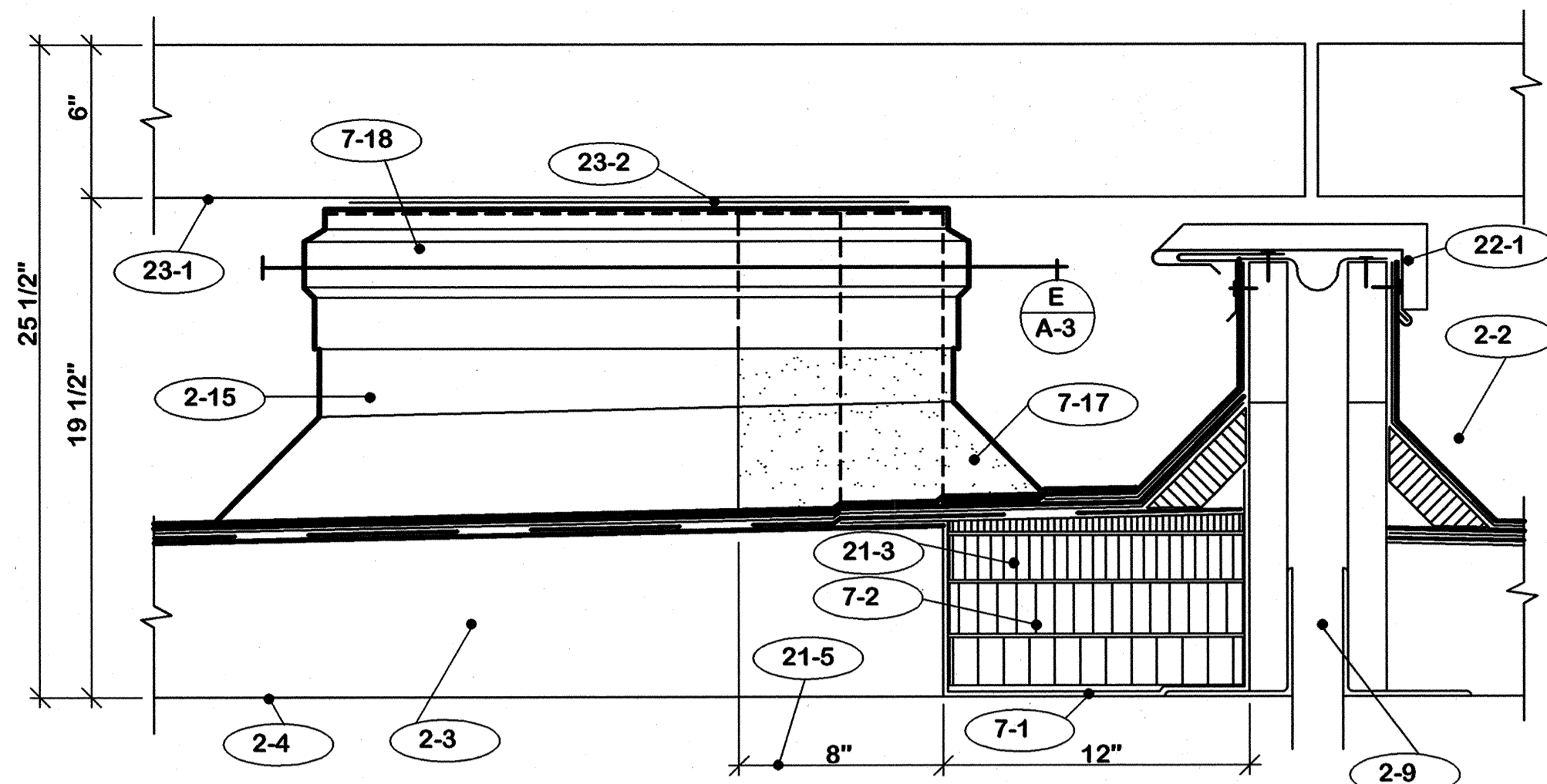
CPA-1016

ROOF REPLACEMENT		CAPITAL PLAZA	
FRANKFORT, KENTUCKY		FRANKFORT, KENTUCKY	
AS-BUILT DATE 14 Mar. 2008	DRAWN BY <i>M</i>	ROOF PLAN	
CHECKED BY <i>M</i>	A & E FILE	COMMONWEALTH OF KENTUCKY DEPARTMENT FOR FACILITIES AND SUPPORT SERVICES DIVISION OF ENGINEERING AND CONTRACT ADMINISTRATION FRANKFORT, KENTUCKY	
573-94	DATE 16 July 2007	WILLIAM C. MARTIN, P.S.C. ARCHITECTS-ENGINEERS 620 EUCLID AVENUE LEXINGTON, KENTUCKY	
AGENCY AUTHORIZED AGENT _____ DATE _____		APPROVED FOR PROGRAM CONCEPT ONLY	
DIVISION OF ENGINEERING _____ DATE _____		APPROVED FOR PROGRAM CONCEPT ONLY	

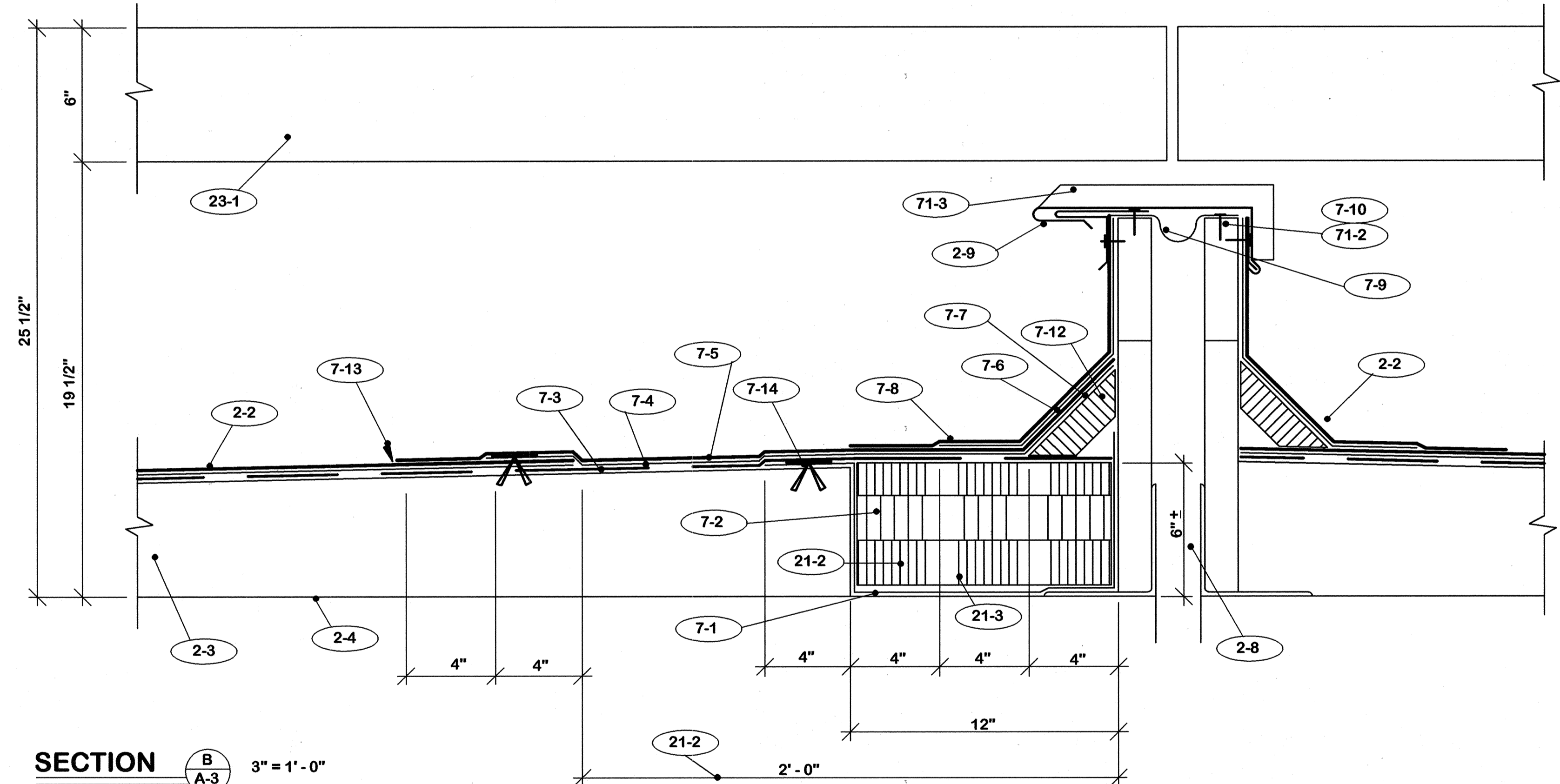
DRAWING NO.  
**A-2**  
OF  
5  
REVIEWED  
DATE  
4-1-08  
ENG. FILE NO.  
185-3700



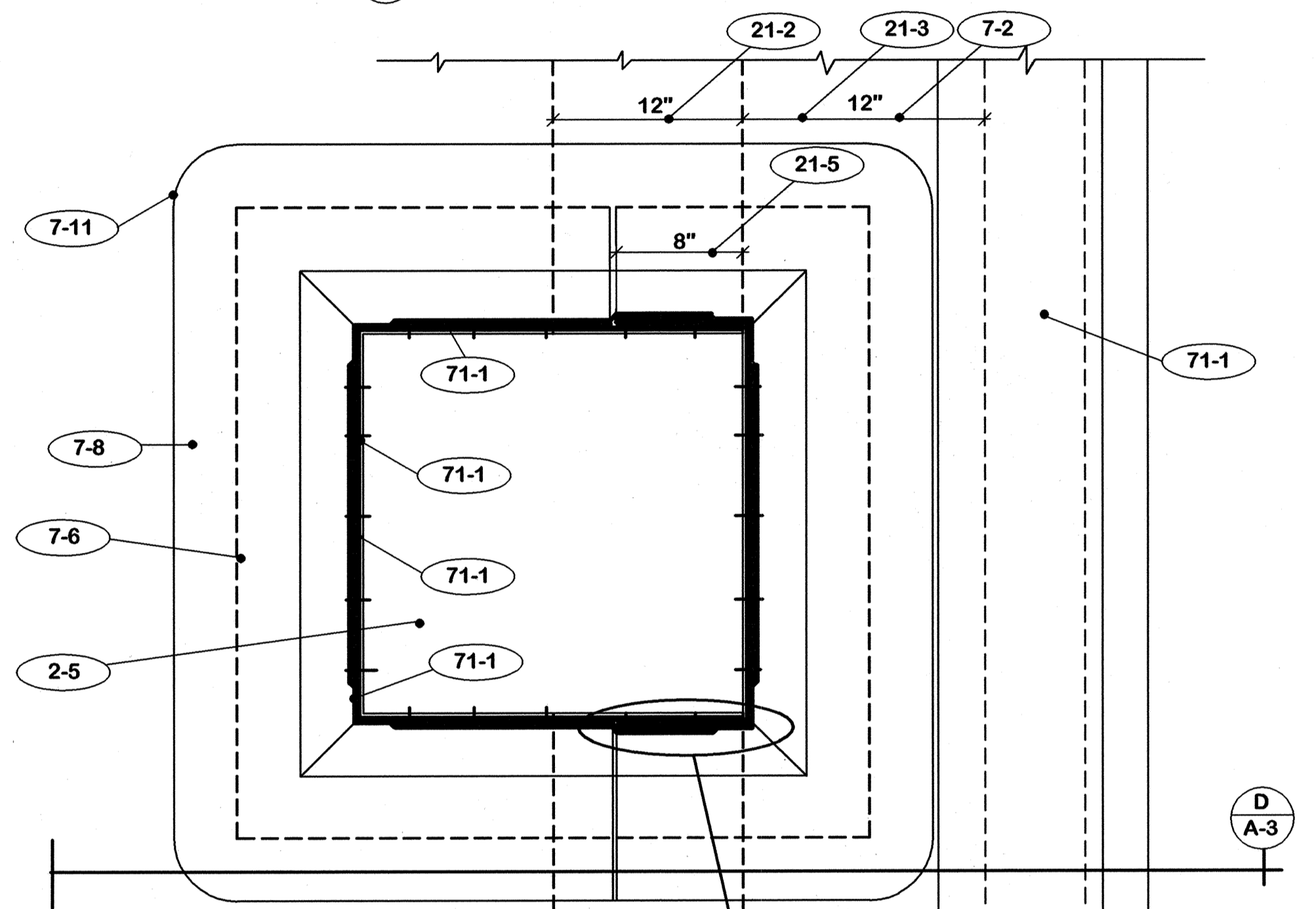
SECTION **A**  
A-3 3" = 1'-0"



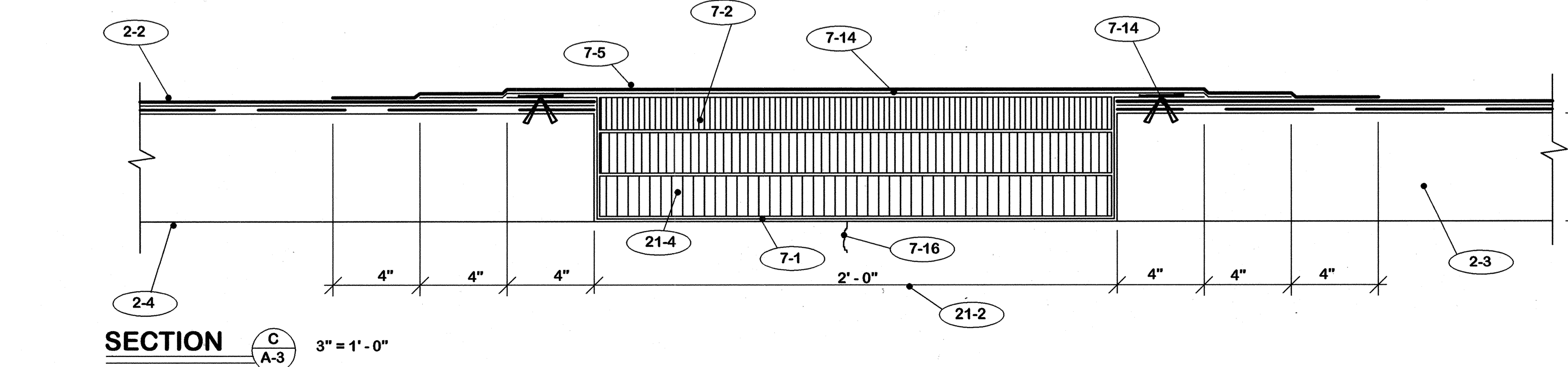
SECTION **D**  
A-3 N. T. S.



SECTION **B**  
A-3 3" = 1'-0"



SECTION **E**  
A-3 3" = 1'-0"



SECTION **C**  
A-3 3" = 1'-0"

**"AS-BUILT" NOTES**  
No changes.

CPA-1019

- 22. EXISTING TO REPLACE**
- 22-1 Existing expansion joint covers.
  - 22-2 Damaged sections of joint cover with new matching material.
- 23. REMOVE AND REPLACE BY THE OWNER**
- 23-1 Precast concrete panels.
  - 23-2 Leveling shims.
- 7. ROOFING**
- 7-A Prime all surfaces to receive new roofing materials.
  - 7-B Secure all roofing felts and flashing with adhesive specified.
  - 7-1 Cut-off sheet. Set in and coat over with a heavy mopping of hot asphalt.
  - 7-2 Insulation fill.
  - 7-3 Venting base sheet.
  - 7-4 Base sheet.
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  - 7-6 "Strip" flashing - Low melt modified bitumen.
  - 7-7 **DO NOT** secure "Strip" flashing to cant strip.
  - 7-8 Cap flashing - modified bitumen with metal foil face aluminum surface.
  - 7-9 Drape layer of cap flashing over expansion joint. Seal laps full width and length with adhesive. Seal to wood members.
  - 7-10 Nail maximum 12" c/c.
  - 7-11 4" radius on outside corner base ply flashing all piers.
  - 7-12 1 1/2" x 4" wood fiber cant strip.
  - 7-13 Caulk continuous or all around.
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  - 7-16 Fill crack with hot asphalt.
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  - 71-2 Secure where shown with copper nails.
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<b>ROOF REPLACEMENT</b>		<b>CAPITAL PLAZA</b>	
<b>FRANKFORT, KENTUCKY</b>		<b>FRANKFORT, KENTUCKY</b>	
DATE: 14 Mar. 2008	DRAWN BY: M	<b>SECTIONS</b>	
CHECKED BY: M	A & E FILE: 573-94	COMMONWEALTH OF KENTUCKY DEPARTMENT FOR FACILITIES AND SUPPORT SERVICES DIVISION OF ENGINEERING AND CONTRACT ADMINISTRATION FRANKFORT, KENTUCKY	
DATE: 16 July 2007	AGENCY AUTHORIZED AGENT	WILLIAM C. MARTIN, P.S.C. ARCHITECTS-ENGINEERS 620 EUCLID AVENUE LEXINGTON, KENTUCKY	
REV. DATE DESCRIPTION	APPROVED FOR PROGRAM CONCEPT ONLY	DATE	
		DATE	

DRAWING NO. **A-3**

OF 5

REVISED BY: 4-1-08

ENG. FILE NO. 185-5100