

CPA-1006	T1	E-TECH ROOF REPAIRS CAPITAL	Title sheet and schedule of drawings 6/15/2006 5/2/2007
CPA-1007	N-1	PLAZA COMPLEX FRANKFORT, KY	Architectural notes
CPA-1008	A-1	04-0200-785-0548-CP011-00-Z	Area plan
CPA-1009	A-2		Roof plan
CPA-1010	A-3		Construction area north and south
CPA-1011	A-4		Miscellaneous details
CPA-1012	A-5		Expansion joint details

E-TECH ROOF REPAIRS CAPITAL PLAZA COMPLEX

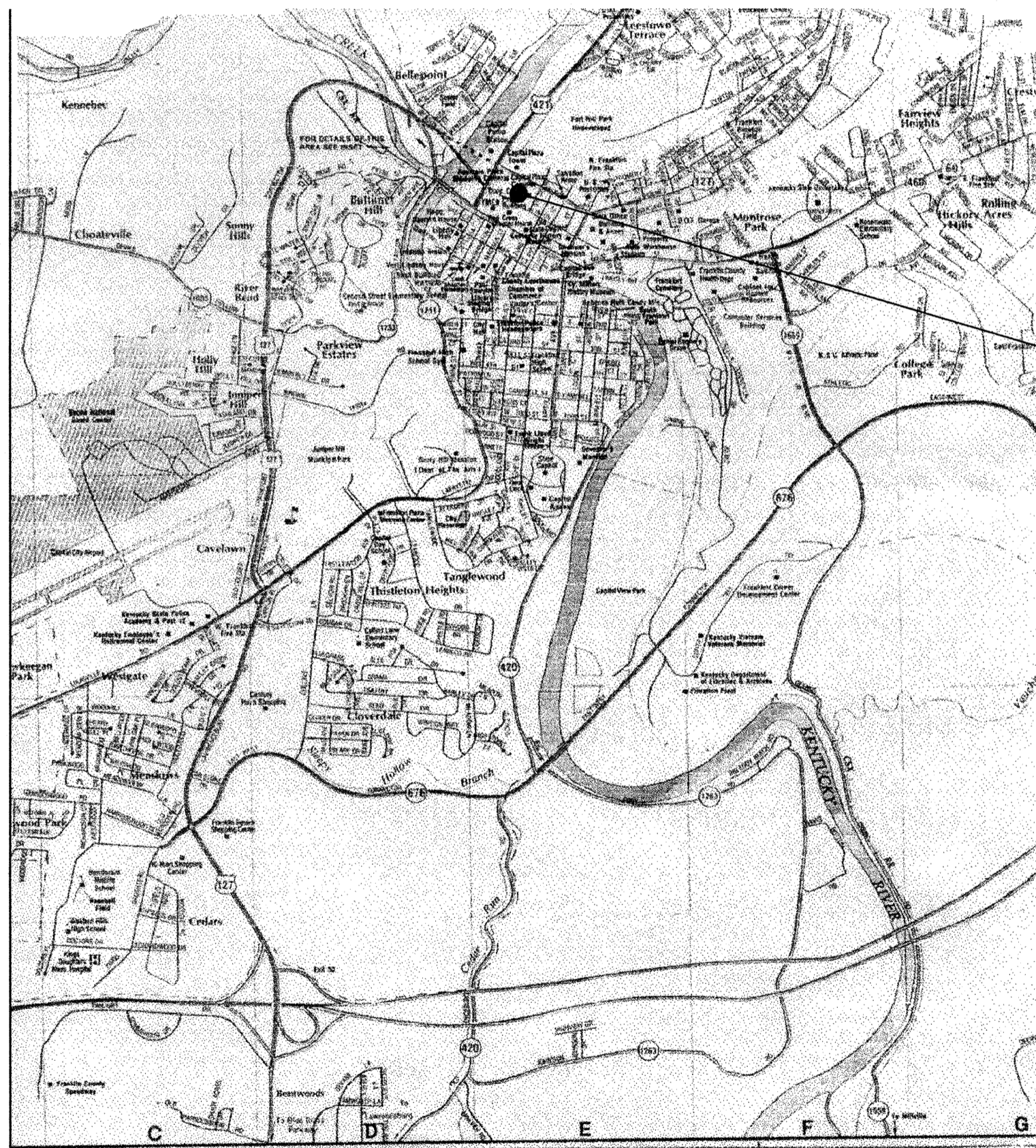
FRANKFORT, KENTUCKY

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

ENG. FILE NO. 04-0200-785-0548-CP011-00-Z

ACCOUNT NO. 2004-0200-785-D785-CP011-00-Z



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.

INDEX TO NOTES

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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. DOWNSOUT
- EA. EACH
- EL. ELEVATION
- EJM. 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

SCHEDULE OF DRAWINGS

SHEET	TITLE
T-1	TITLE SHEET AND SCHEDULE OF DRAWINGS

SITE DEVELOPMENT

NONE REQUIRED THIS PROJECT

ARCHITECTURAL

N-1	ARCHITECTURAL NOTES
A-1	AREA PLAN
A-2	ROOF PLAN
A-3	CONSTRUCTION AREA -- NORTH AND SOUTH
A-4	MISCELLANEOUS DETAILS
A-5	EXPANSION JOINT DETAILS

STRUCTURAL

NONE REQUIRED THIS PROJECT

PLUMBING

NONE REQUIRED THIS PROJECT

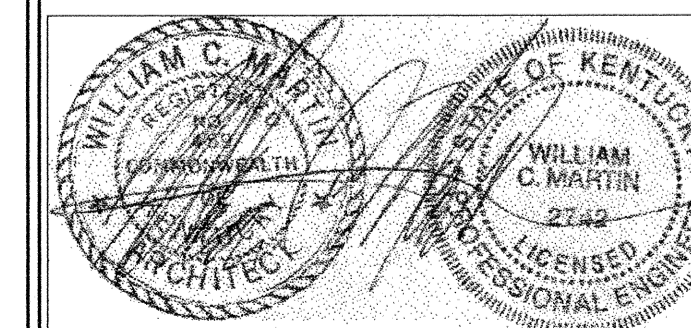
HVAC

NONE REQUIRED THIS PROJECT

ELECTRICAL

NONE REQUIRED THIS PROJECT

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



Rev. "A" Revised index to notes.

**CORRECTED TO "AS-BUILT"
CONDITIONS 23 OCT. 2006**

COMM. NO. 573-83-1 DATE: 15 JUNE 2006 SHEET T-1 OF 7

CPA-1006

INDEX TO NOTES

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- (2-1) Thru 2-24 Sh. A-1, 2, 3, 4
- 21. **EXISTING TO REMOVE**
- (21-1) Thru 21-5 Sh. A-1, 2
- 22. **WORK BY OWNER**
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- (7-1) Thru 7-16 Sh. A-3, 4
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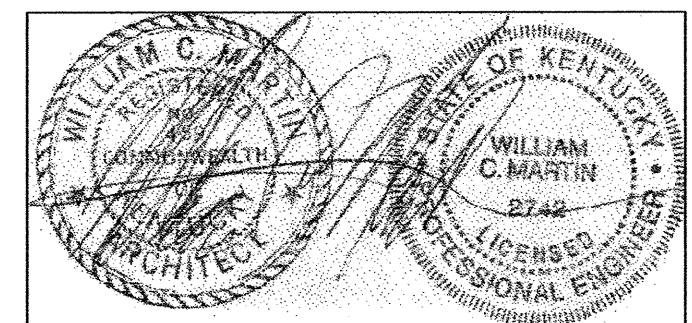
- 1. **GENERAL**
- (1-1) Do not scale drawings.
- 1-2 Verify field conditions, dimensions and quantities prior to ordering or placing any materials in the work.
- 1-3 Verify free flow through all roof and planter drains before beginning any demolition.
- 1-4 Report all clogged drains to architect before beginning any demolition.
- 1-5 Replace damaged or missing roof drain strainers.
- 1-6 Protect all panels from damage by reason of this work.
- 1-7 Protect water lines and accessories from damage by reason of this work.
- 1-8 Protect electrical conduit and accessories from damage by reason of this work.
- 1-9 Contractor to erect and maintain barricades around construction area.

- 2. **EXISTING TO REMAIN**
- (2-1) Pre-cast concrete panels.
- 2-2 Modified bitumen roofing.
- 2-3 Light weight concrete fill.
- 2-4 Access panels.
- 2-5 Water lines.
- 2-6 Electric conduit.
- 2-7 Junction boxes.
- 2-8 Electrical panels.
- 2-9 Concrete slab.
- 2-10 Concrete piers.
- 2-11 Water hydrants.
- 2-12 Roof drains.
- 2-13 Planter drains.
- 2-14 Concrete wall.
- 2-15 Expansion joint construction.
- 2-16 Expansion joint cover.
- 2-17 Elevator.
- 2-18 Wall cap.
- 2-19 Planter.
- 2-20 Column below.
- 2-21 Pool below.
- 2-22 Planted areas.
- 2-23 Mortar lining.
- 2-24 Stair tread.

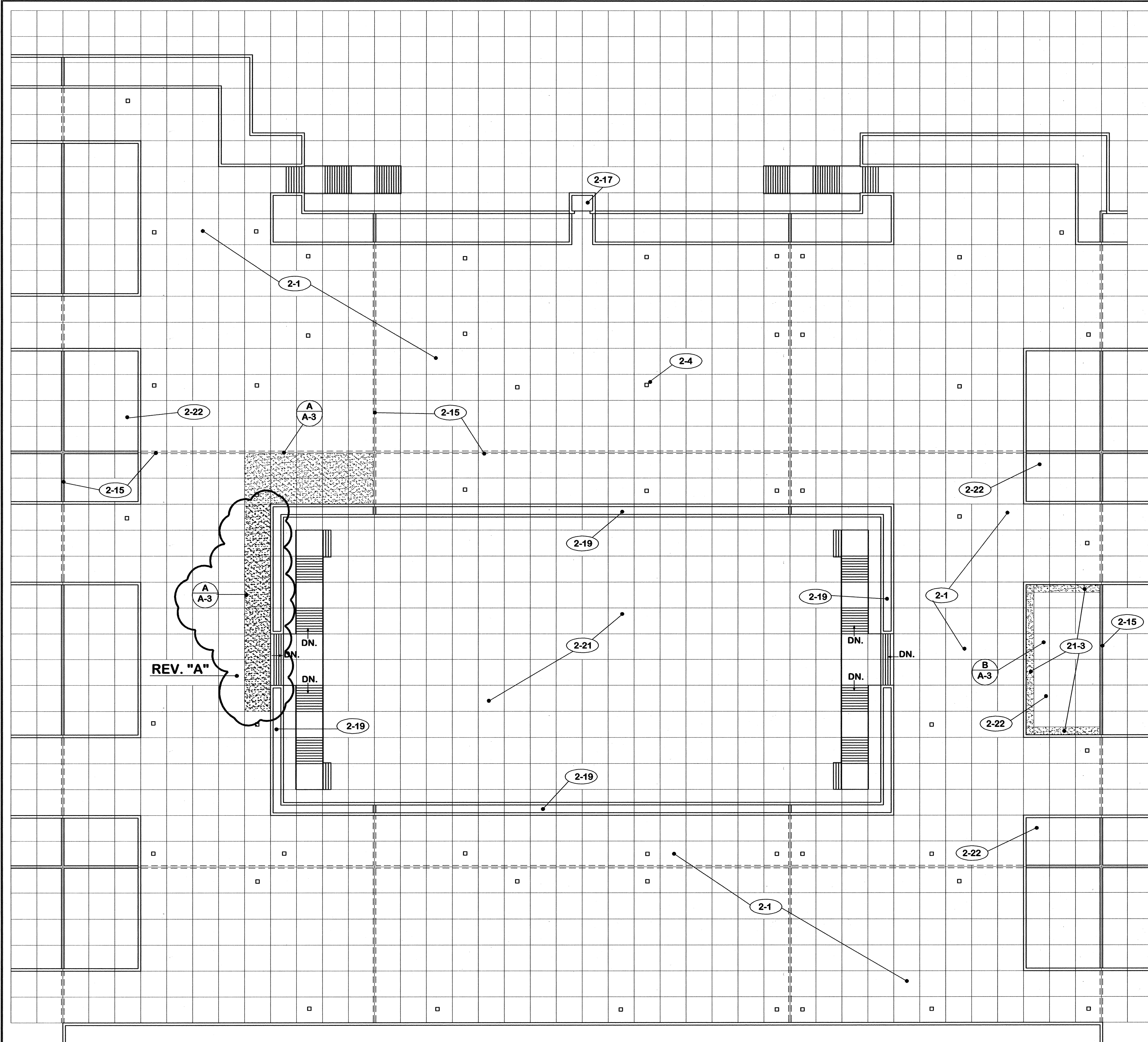
- 21. **EXISTING TO REMOVE**
- (21-1) Expansion joint covers.
- 21-2 Roofing and flashing.
- 21-3 Earth to bottom of of planter clean wall and prime thoroughly, backfill and compact when directed.
- 21-4 Light weight fill in this area.
- 21-5 Existing flashing.
- 22. **WORK BY OWNER**
- (22-1) Remove existing pre-cast concrete panels and replace when work is complete.
- 23. **EXISTING TO REUSE**
- (23-1) Stainless steel pad cap.

- 7. **ROOFING**
- (7-A) Prime all surfaces to receive new roofing materials.
- 7-B Secure all roofing felts and flashing with adhesive.
- 7-1 1 1/2" x 4" wood fiber cant strip.
- 7-2 "Strip" flashing - Low melt modified bitumen.
- 7-3 **DO NOT** secure "Strip" flashing to cant strip.
- 7-4 **Cap flashing** - modified bitumen with metal foil face aluminum surface.
- 7-5 Not used.
- 7-6 Not used.
- 7-7 Not used.
- 7-8 Flash metal flange with cap flashing material noted in 7-4 above.
- 7-9 Cut-off sheet. Hot mop or set in cold adhesive.
- 7-10 Insulation fill as required.
- 7-11 Caulk continuous or all around.
- 7-12 Nail maximum 12" c/c.
- 7-13 Base sheet - modified bitumen.
- 7-14 Cap sheet - modified bitumen with granular surface.
- 7-15 Venting base sheet.
- 7-16 1/8" x 1" retainer bar.

- 71. **SHEET METAL**
- 71-A Existing expansion joint material shall be reused in-so-far as possible. The following notes indicate new materials to be installed if replacement is required.
- (71-1) Expansion joint cover. Fabricate from 16 ounce copper.
- 71-2 16 ounce copper expansion joint intersection cover to pattern. Solder all joints.
- 71-3 Joint cover. 16 ounce copper.
- 71-4 16 ounce copper expansion joint end section. Solder all joints.
- 71-5 16 ounce continuous copper clip.
- 71-6 Flashing flange. Solder to 71-4.
- 71-7 Secure with copper nails maximum 12" c/c.
- 71-8 16 ounce continuous formed copper clip.
- 71-9 Standing seam joint.
- 71-10 Drive pins at 8" c/c.

REV.	DATE	DESCRIPTION	AS BUILT DATE	23 Oct. 2006	ARCHITECTURAL NOTES	DRAWING NO.
A	14 July 06	Note series 71. Add note 71-10. Note series 7. Revised note 7-9. Add note series 23. Note series 2. add note 2-24.	23 Oct. 2006		COMMONWEALTH OF KENTUCKY DEPARTMENT FOR FACILITIES AND SUPPORT SERVICES DIVISION OF ENGINEERING AND CONTRACT ADMINISTRATION FRANKFORT, KENTUCKY	N-1 OF 7 REVIEWED DIV. OF ENGR.
			573-83-1	15 June 2006	WILLIAM C. MARTIN, P.S.C. ARCHITECTS-ENGINEERS 620 EUCLID AVENUE LEXINGTON, KENTUCKY	0548-CP011
AGENCY AUTHORIZED AGENT			APPROVED FOR PROGRAM CONCEPT ONLY		DATE	
DIVISION OF ENGINEERING			APPROVED FOR PROGRAM CONCEPT ONLY		DATE	

CPA-1007



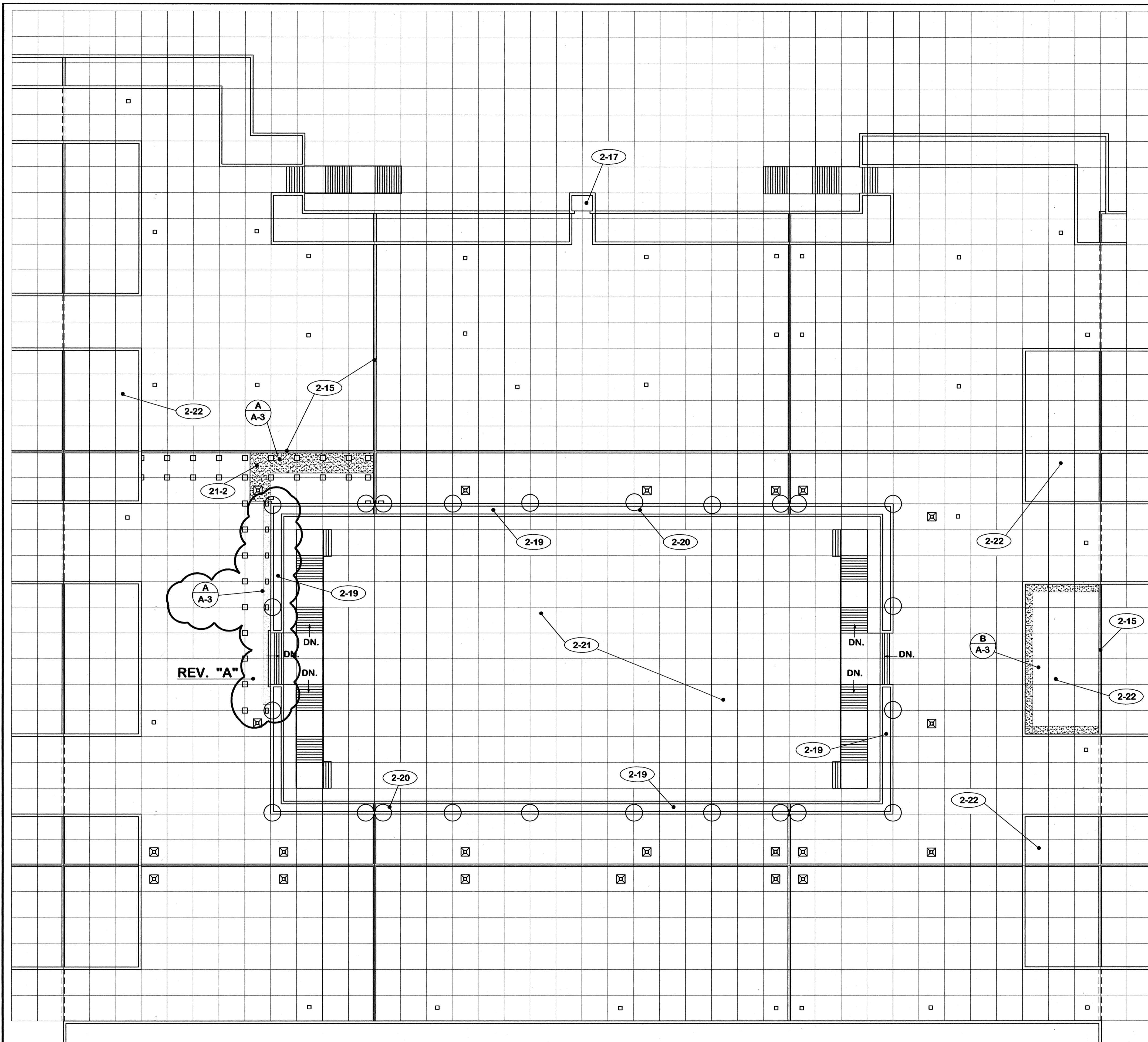
1. GENERAL
 - 1-1 Do not scale drawings.
 - 1-2 Verify field conditions, dimensions and quantities prior to ordering or placing any materials in the work.
 - 1-3 Verify free flow through all roof and planter drains before beginning any demolition.
 - 1-4 Report all clogged drains to architect before beginning any demolition.
 - 1-5 Replace damaged or missing roof drain strainers.
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 - 1-8 Protect electrical conduit and accessories from damage by reason of this work.
 - 1-9 Contractor to erect and maintain barricades around construction area.
2. EXISTING TO REMAIN
 - 2-1 Pre-cast concrete panels.
 - 2-2 Modified bitumen roofing.
 - 2-3 Light weight concrete fill.
 - 2-4 Access panels.
 - 2-5 Water lines.
 - 2-6 Electric conduit.
 - 2-7 Junction boxes.
 - 2-8 Electrical panels.
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 - 2-10 Concrete piers.
 - 2-11 Water hydrants.
 - 2-12 Roof drains.
 - 2-13 Planter drains.
 - 2-14 Concrete wall.
 - 2-15 Expansion joint construction.
 - 2-16 Expansion joint cover.
 - 2-17 Elevator.
 - 2-18 Wall cap.
 - 2-19 Planter.
 - 2-20 Column below.
 - 2-21 Pool below.
 - 2-22 Planted areas.
 - 2-23 Mortar lining.
 - 2-24 Stair tread.
21. EXISTING TO REMOVE
 - 21-1 Expansion joint covers.
 - 21-2 Roofing and flashing.
 - 21-3 Earth to bottom of planter clean wall and prime thoroughly, backfill and compact when directed.
 - 21-4 Light weight fill in this area.
 - 21-5 Existing flashing.
22. WORK BY OWNER
 - 22-1 Remove existing pre-cast concrete panels and replace when work is complete.

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

		E-TECH ROOF REPAIR CAPITAL PLAZA COMPLEX FRANKFORT, KENTUCKY		
		AREA PLAN		DRAWING NO.
				A-1
				OF 7
				REVIEWED BY: _____
				DATE: _____
				ENG. FILE NO. 0548-CP011
				AGENCY AUTHORIZED AGENT _____ DATE _____
				APPROVED FOR PROGRAM CONCEPT ONLY
				DATE _____
				APPROVED FOR PROGRAM CONCEPT ONLY

AS BUILT DATE 23 Oct. 2006	COMMONWEALTH OF KENTUCKY DEPARTMENT FOR FACILITIES AND SUPPORT SERVICES DIVISION OF ENGINEERING AND CONTRACT ADMINISTRATION FRANKFORT, KENTUCKY
DRAWN BY MARTIN	
CHECKED BY MARTIN	WILLIAM C. MARTIN, P. S. C. ARCHITECTS-ENGINEERS 620 EUCLID AVENUE LEXINGTON, KENTUCKY
DATE 15 June 2006	
REV. DATE DESCRIPTION	
A 14 July 06	Showed additional panels to remove.

CPA-1008



ROOF PLAN 1" = 20'-0" NORTH

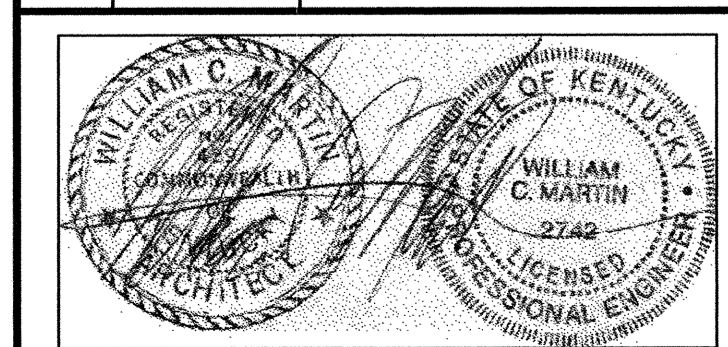
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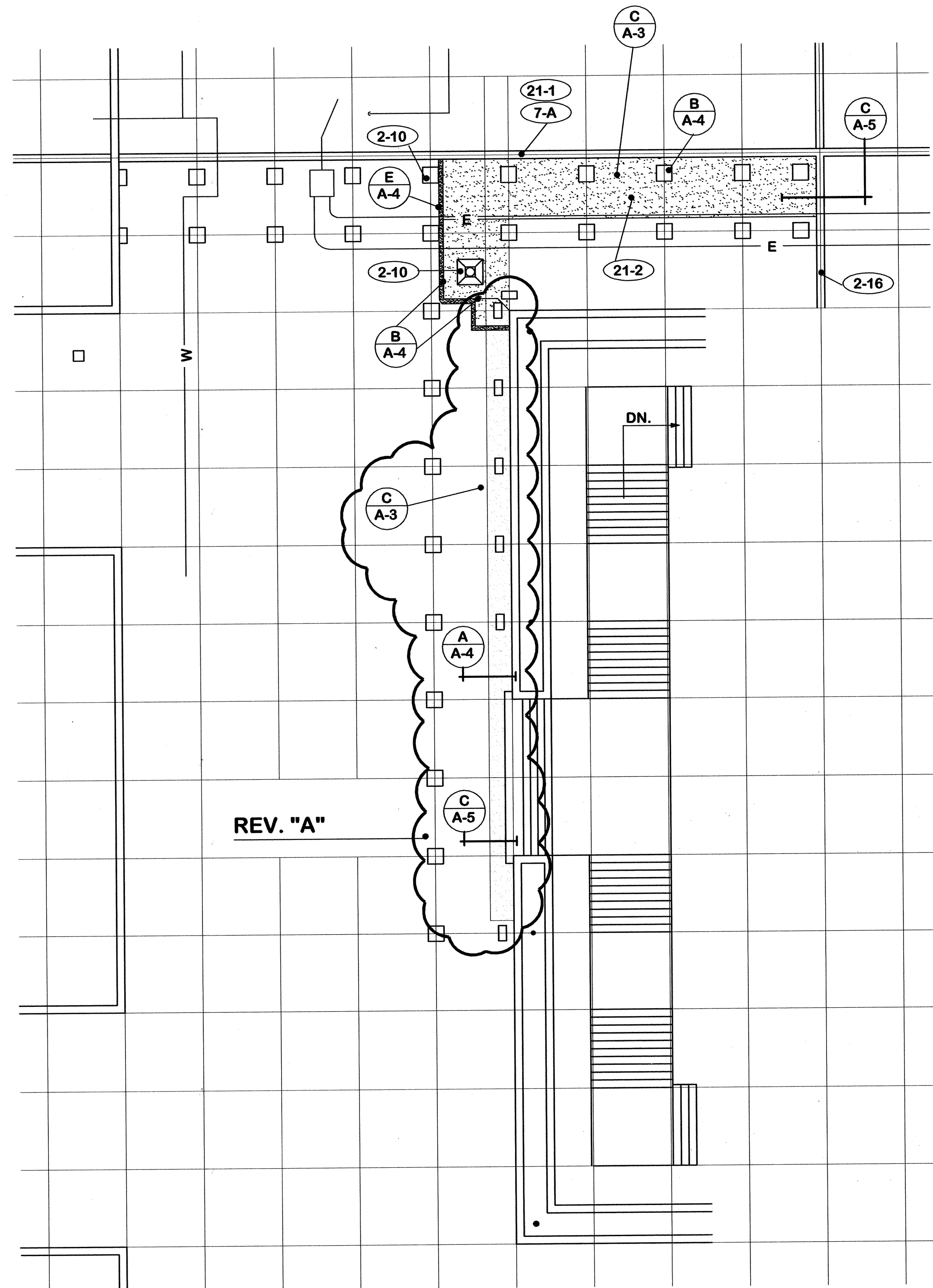
- 2. EXISTING TO REMAIN**
- 2-1 Pre-cast concrete panels.
 - 2-2 Modified bitumen roofing.
 - 2-3 Light weight concrete fill.
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 - 21-3 Earth to bottom of planter clean wall and prime thoroughly, backfill and compact when directed.
 - 21-4 Light weight fill in this area.
 - 21-5 Existing flashing.

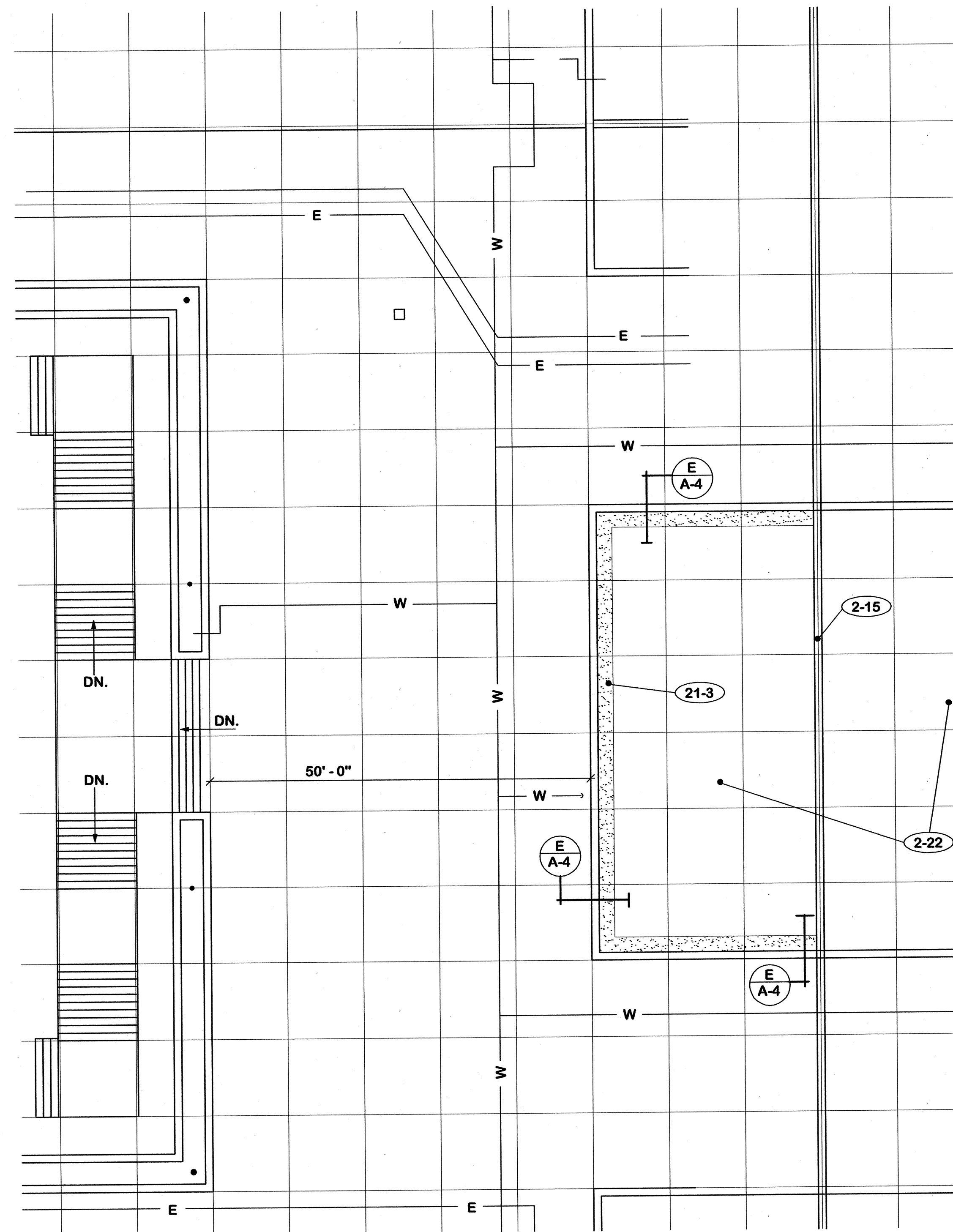
- 22. WORK BY OWNER**
- 22-1 Remove existing pre-cast concrete panels and replace when work is complete.

		E-TECH ROOF REPAIR CAPITAL PLAZA COMPLEX FRANKFORT, KENTUCKY		
		AS BUILT DATE 23 Oct. 2006	ROOF PLAN	DRAWING NO. A-2
		DRAWN BY <i>M</i>	COMMONWEALTH OF KENTUCKY DEPARTMENT FOR FACILITIES AND SUPPORT SERVICES DIVISION OF ENGINEERING AND CONTRACT ADMINISTRATION FRANKFORT, KENTUCKY	OF 7
		CHECKED BY <i>M</i>		REVIEWED DIV. OF ENGR.
REV.	DATE	DESCRIPTION		
A	14 July 06	Shown additional roof to replace.		
			A & B FILE 573-83-1	
			DATE 15 June 2006	ENG. FILE NO. 0548-CP011
		WILLIAM C. MARTIN, P.S.C. ARCHITECTS-ENGINEERS 620 EUCLID AVENUE LEXINGTON, KENTUCKY		
AGENCY AUTHORIZED AGENT		APPROVED FOR PROGRAM CONCEPT ONLY		DATE
DIVISION OF ENGINEERING		APPROVED FOR PROGRAM CONCEPT ONLY		DATE





PLAN A
A-3 3/32" = 1'-0" NORTH NORTH END



PLAN B
A-3 3/32" = 1'-0" NORTH SOUTH END

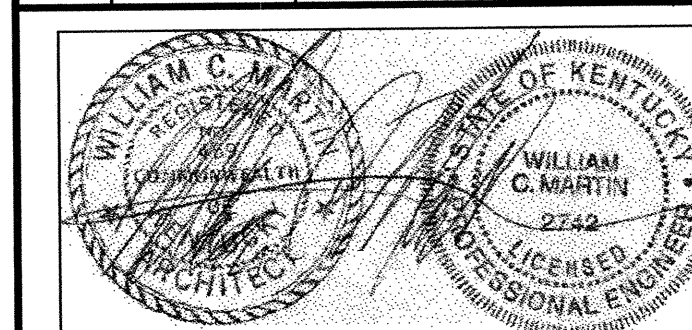
2. EXISTING TO REMAIN

- 2-1 Pre-cast concrete panels.
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- 2-4 Access panels.
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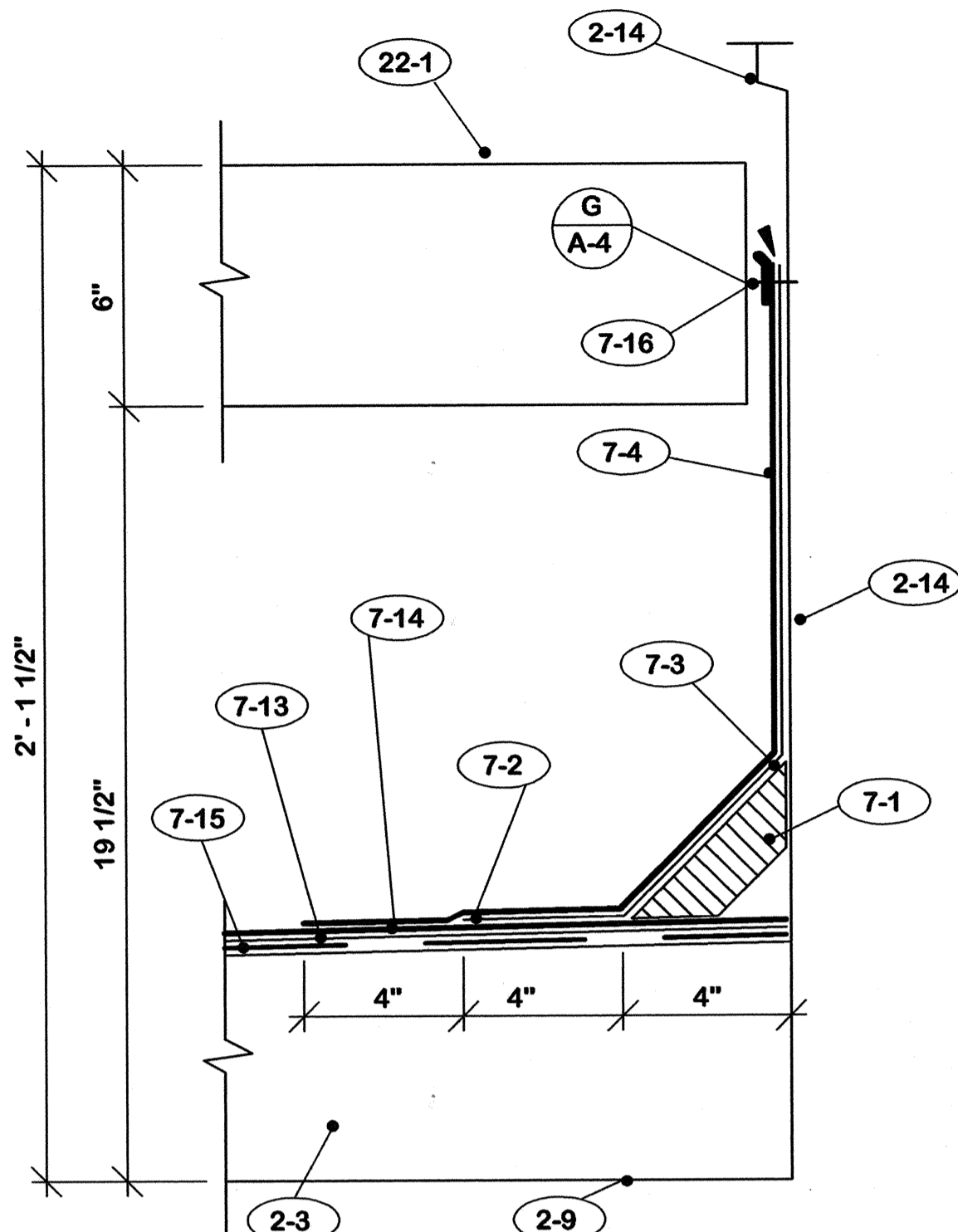
7. ROOFING

- 7-A Prime all surfaces to receive new roofing materials.
- 7-B Secure all roofing felts and flashing with adhesive.
- 7-1 1 1/2" x 4" wood fiber cant strip.
- 7-2 "Strip" flashing - Low melt modified bitumen.
- 7-3 DO NOT secure "Strip" flashing to cant strip.
- 7-4 Cap flashing - modified bitumen with metal foil face aluminum surface.
- 7-5 Not used.
- 7-6 Not used.
- 7-7 Not used.
- 7-8 Flash metal flange with cap flashing material noted in 7-4 above.
- 7-9 Cut-off sheet. Hot mop or set in cold adhesive.
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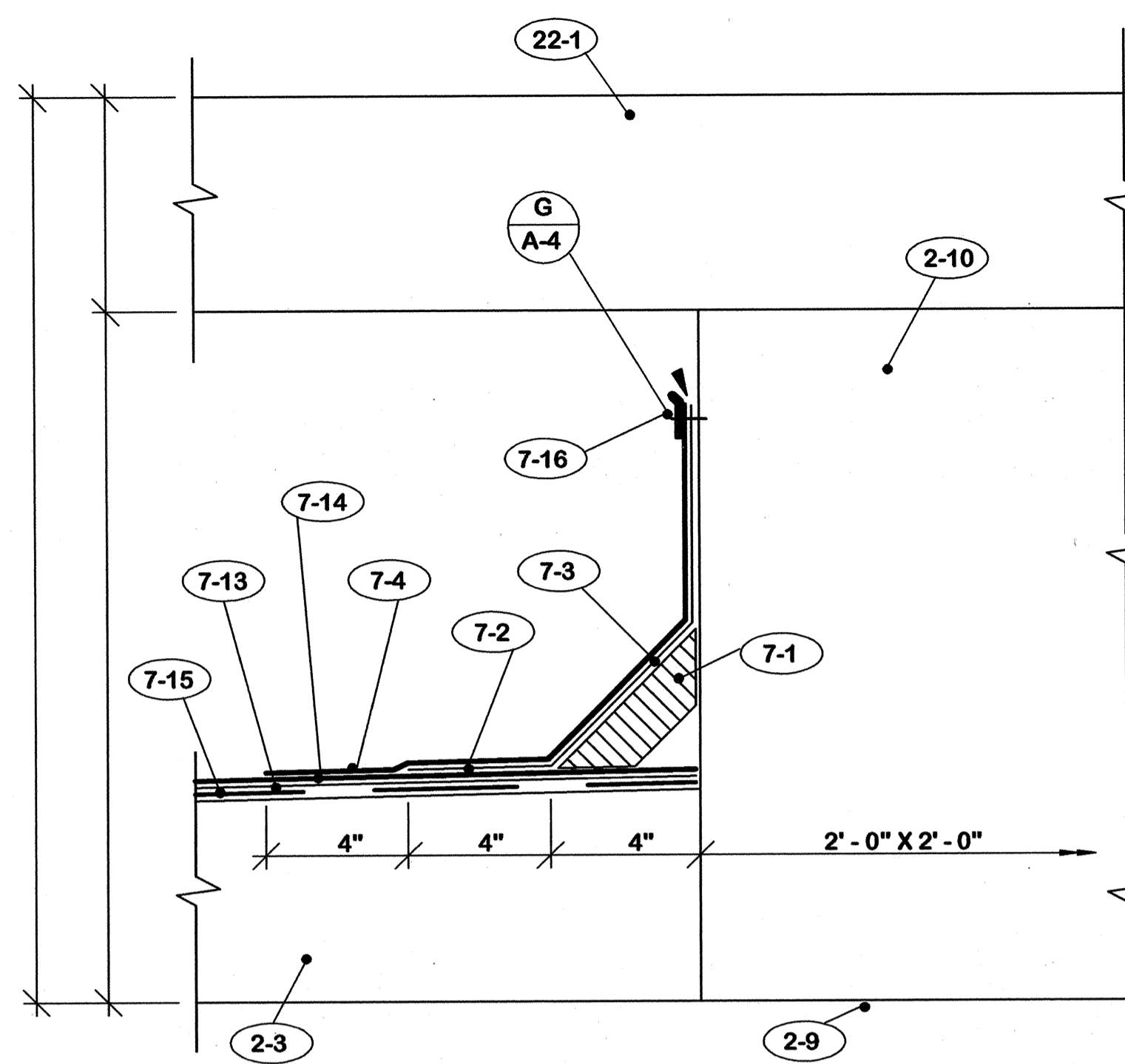
ROOF REPLACEMENT CAPITAL PLAZA FRANKFORT, KENTUCKY		CONSTRUCTION AREA - NORTH HALF	DRAWING NO. A-3 OF 7			
AS BUILT DATE	23 Oct. 2006	COMMONWEALTH OF KENTUCKY DEPARTMENT FOR FACILITIES AND SUPPORT SERVICES DIVISION OF ENGINEERING AND CONTRACT ADMINISTRATION FRANKFORT, KENTUCKY	REVIEWED DIV. OF ENGR.			
DRAWN BY		WILLIAM C. MARTIN, P.S.C. ARCHITECTS-ENGINEERS 620 EUCLID AVENUE LEXINGTON, KENTUCKY	ENG. FILE NO. 0548-CP011			
CHECKED BY		DATE 15 June 2006				
REV. DATE DESCRIPTION	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;">A</td> <td style="width: 10%;">14 July 06</td> <td style="width: 85%;">Showed area of roofing to be replaced.</td> </tr> </table>			A	14 July 06	Showed area of roofing to be replaced.
A	14 July 06	Showed area of roofing to be replaced.				
AGENCY AUTHORIZED AGENT		DATE				
DIVISION OF ENGINEERING		DATE				



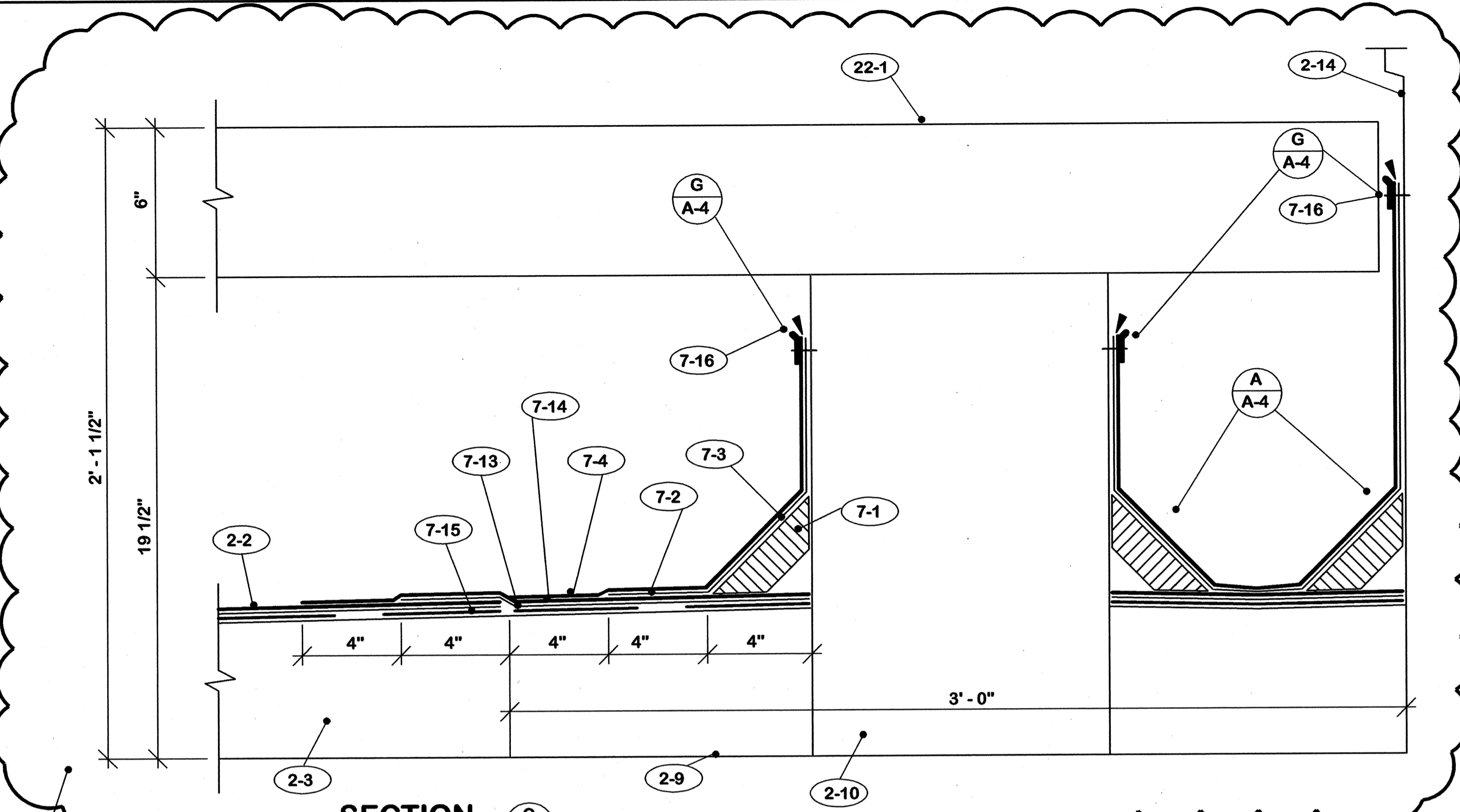
CPA-1010



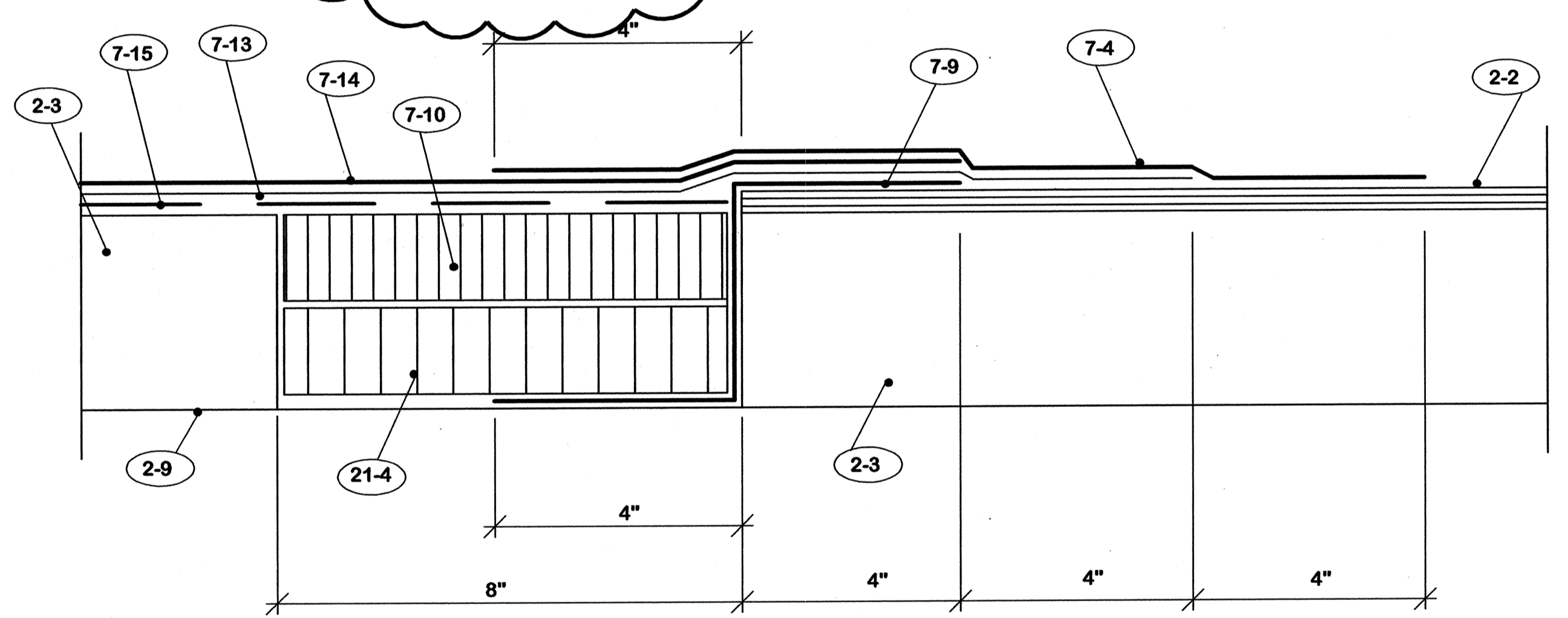
DETAIL A 3" = 1'-0"



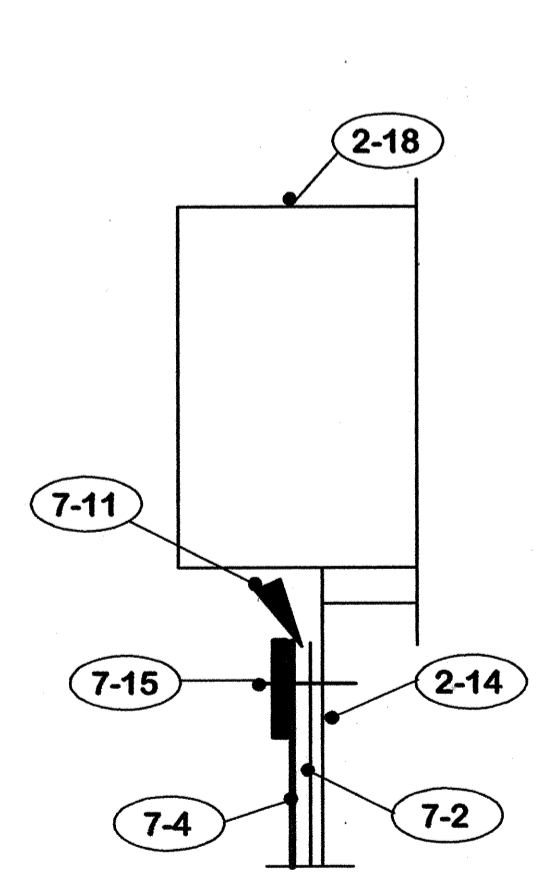
DETAIL B 3" = 1'-0"



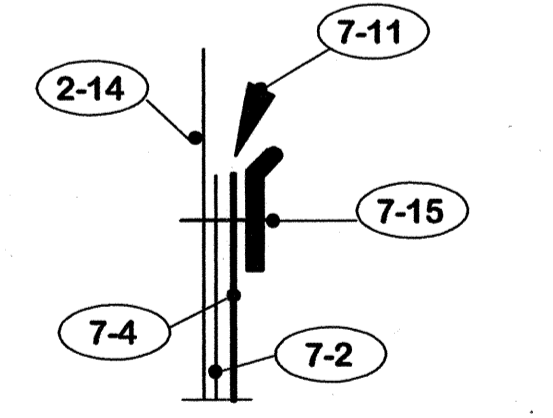
SECTION C 1/2 F.S.



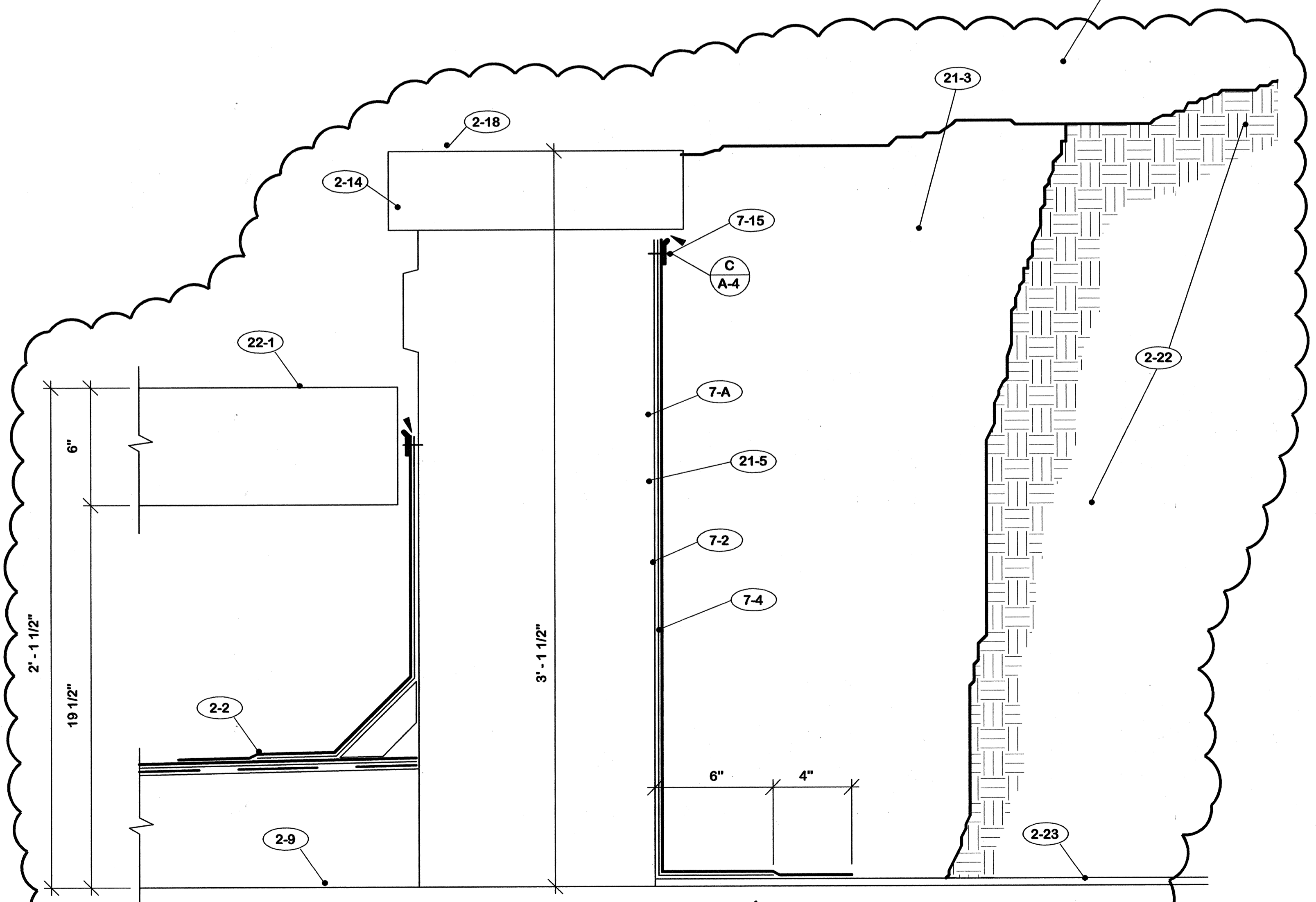
SECTION E 1/2 F.S.



DETAIL F 1/2 F.S.



DETAIL G 1/2 F.S.



SECTION D 3" = 1'-0"

REV. "A"

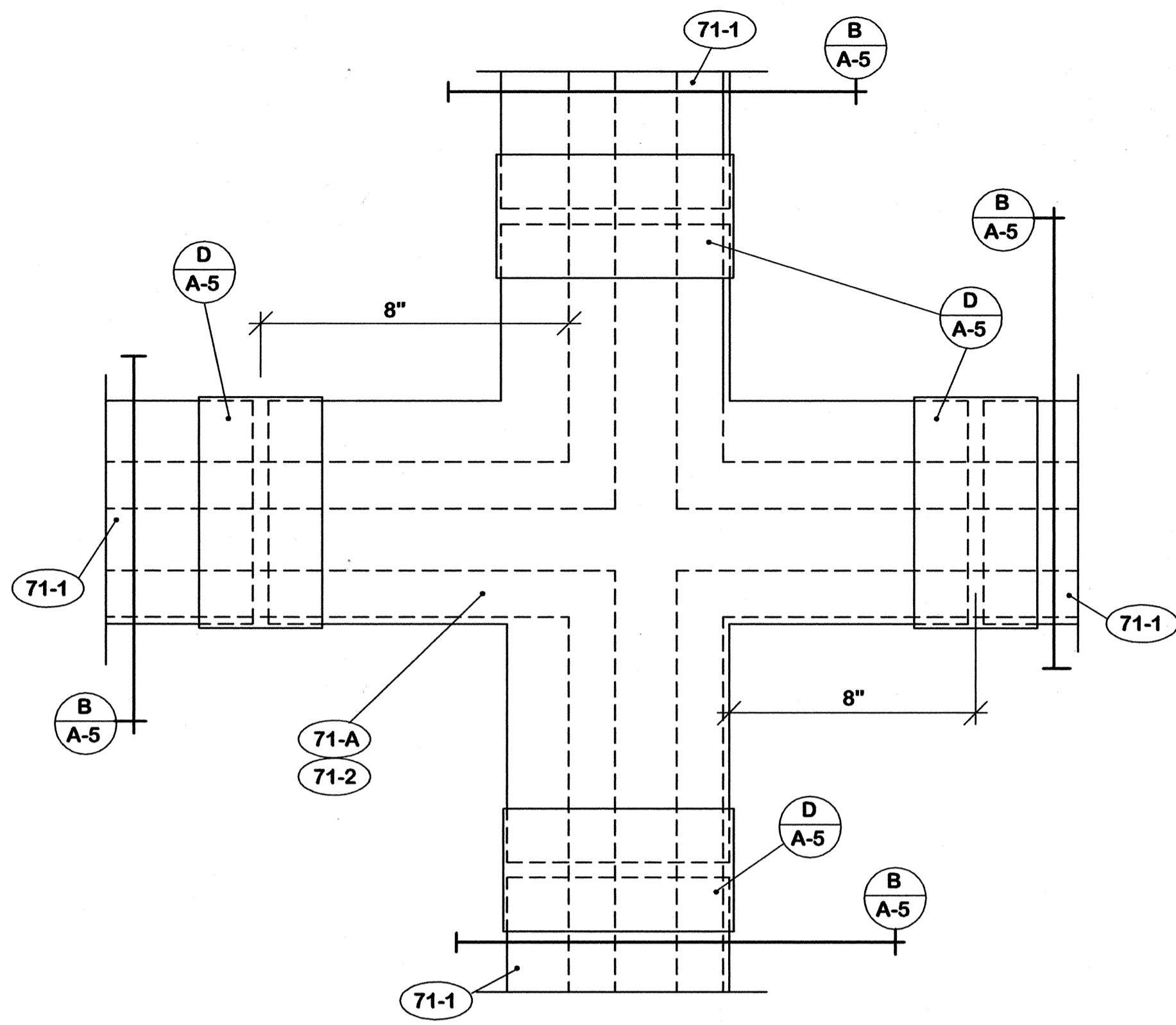
CPA-1011

- 2. EXISTING TO REMAIN**
- 2-1 Pre-cast concrete panels.
 - 2-2 Modified bitumen roofing.
 - 2-3 Light weight concrete fill.
 - 2-4 Access panels.
 - 2-5 Water lines.
 - 2-6 Electric conduit.
 - 2-7 Junction boxes.
 - 2-8 Electrical panels.
 - 2-9 Concrete slab.
 - 2-10 Concrete piers.
 - 2-11 Water hydrants.
 - 2-12 Roof drains.
 - 2-13 Planter drains.
 - 2-14 Concrete wall.
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 - 2-17 Elevator.
 - 2-18 Wall cap.
 - 2-19 Planter.
 - 2-20 Column below.
 - 2-21 Pool below.
 - 2-22 Planted areas.
 - 2-23 Mortar lining.
 - 2-24 Stair tread.

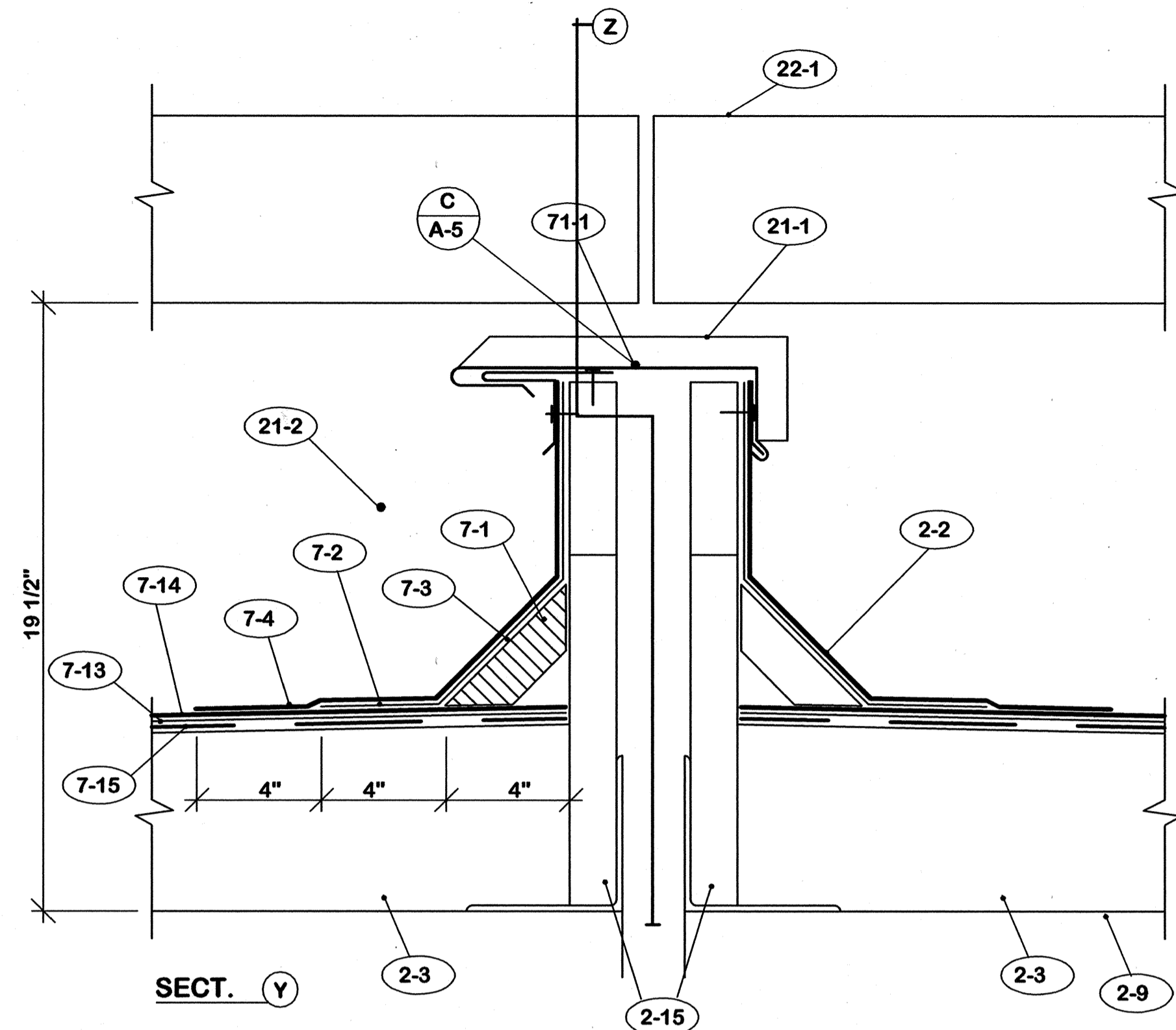
- 7. ROOFING**
- 7-A Prime all surfaces to receive new roofing materials.
 - 7-B Secure all roofing felts and flashing with adhesive.
 - 7-1 1 1/2" x 4" wood fiber cant strip.
 - 7-2 "Strip" flashing - Low melt modified bitumen.
 - 7-3 DO NOT secure "Strip" flashing to cant strip.
 - 7-4 Cap flashing - modified bitumen with metal foil face aluminum surface.
 - 7-5 Not used.
 - 7-6 Not used.
 - 7-7 Not used.
 - 7-8 Flash metal flange with cap flashing material noted in 7-4 above.
 - 7-9 Cut-off sheet. Hot mop or set in cold adhesive.
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 - 7-13 Base sheet - modified bitumen.
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 - 7-15 Venting base sheet.
 - 7-16 1/8" x 1" retainer bar.

REV.	DATE	DESCRIPTION
A	14 July 06	Added Sect. C/A-4. Revised Sect. D/A-4.

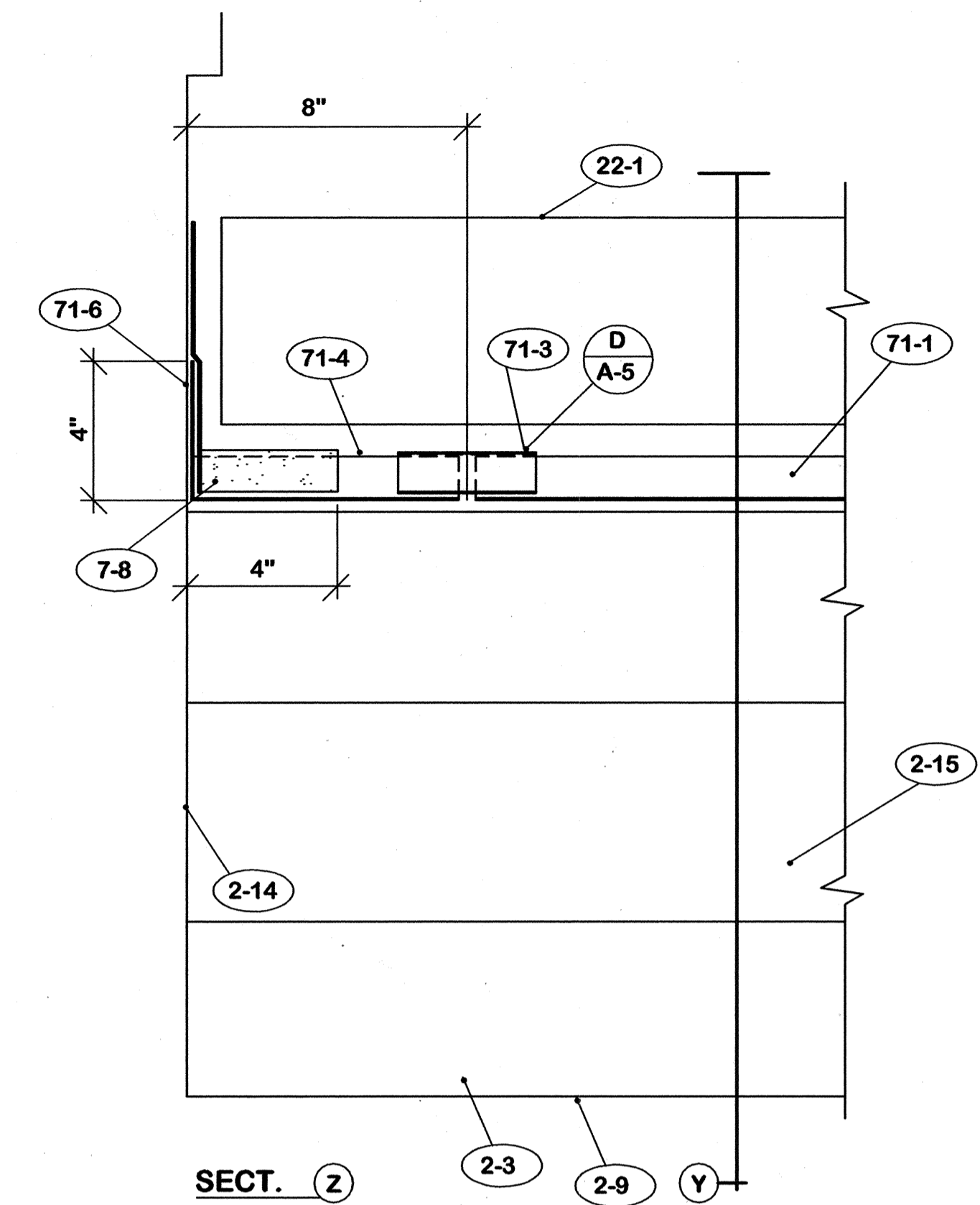
E-TECH ROOF REPAIR CAPITAL PLAZA COMPLEX FRANKFORT, KENTUCKY		DRAWING NO. A-4
COMMONWEALTH OF KENTUCKY DEPARTMENT FOR FACILITIES AND SUPPORT SERVICES DIVISION OF ENGINEERING AND CONTRACT ADMINISTRATION FRANKFORT, KENTUCKY		OF 7 REVIEWED DIV. OF ENGR.
WILLIAM C. MARTIN, P. S. C. ARCHITECTS-ENGINEERS 620 EUCLID AVENUE LEXINGTON, KENTUCKY		ENG. FILE NO. 0548-CP011
AGENCY AUTHORIZED AGENT _____ DATE _____ APPROVED FOR PROGRAM CONCEPT ONLY		DATE _____
DIVISION OF ENGINEERING _____ DATE _____ APPROVED FOR PROGRAM CONCEPT ONLY		DATE _____



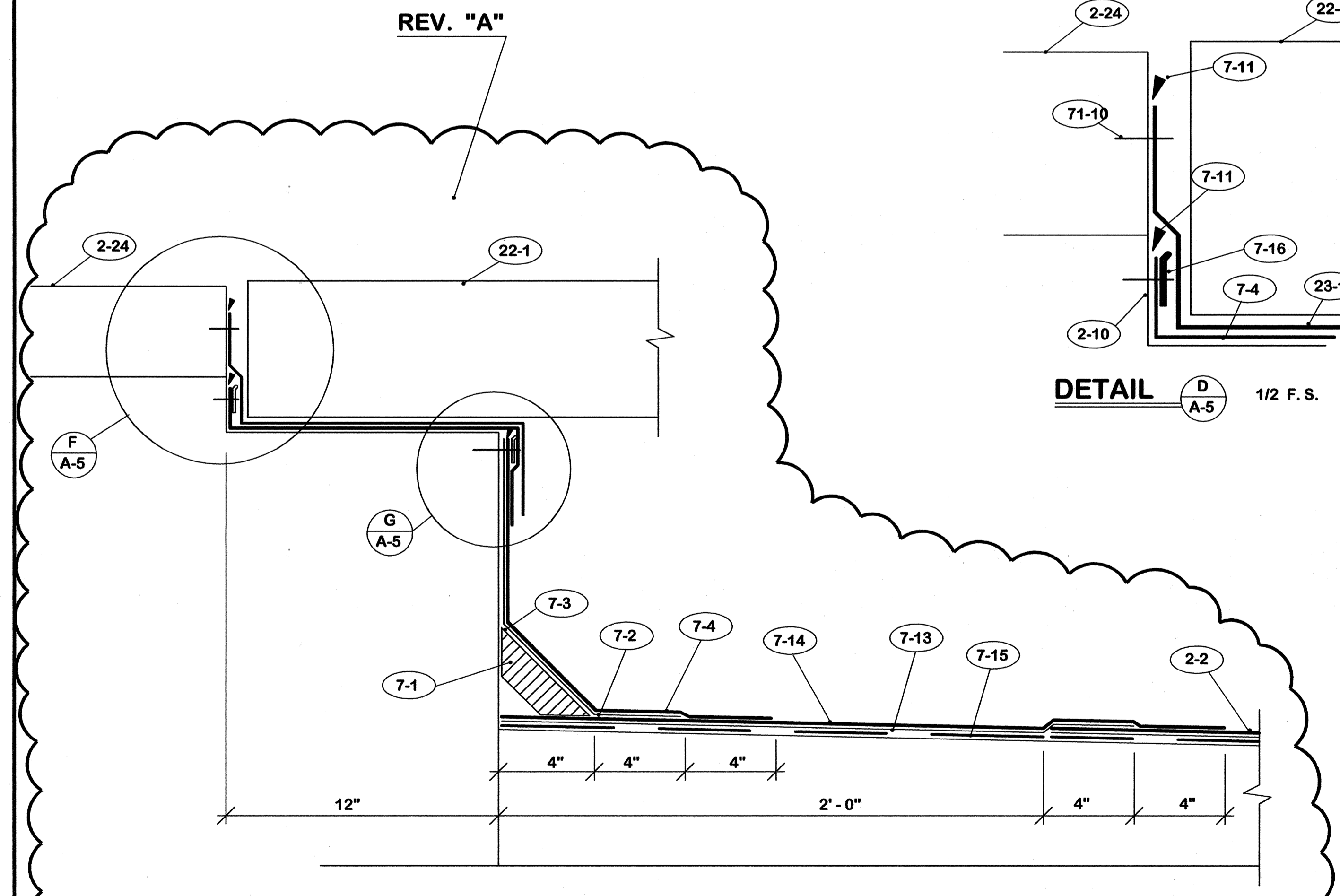
PLAN A / A-5 3" = 1'-0"



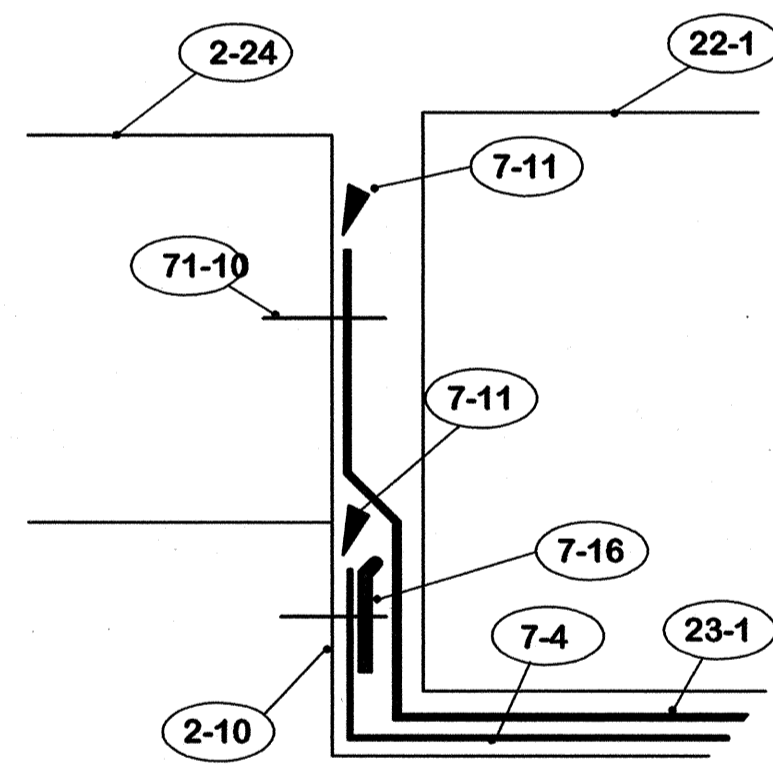
SECTION Y B / A-5 3" = 1'-0"



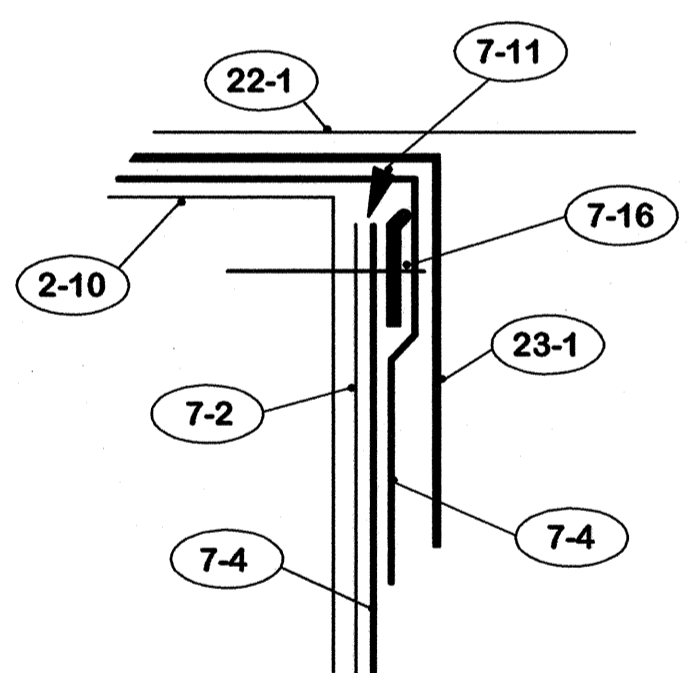
SECTION Z C / A-5



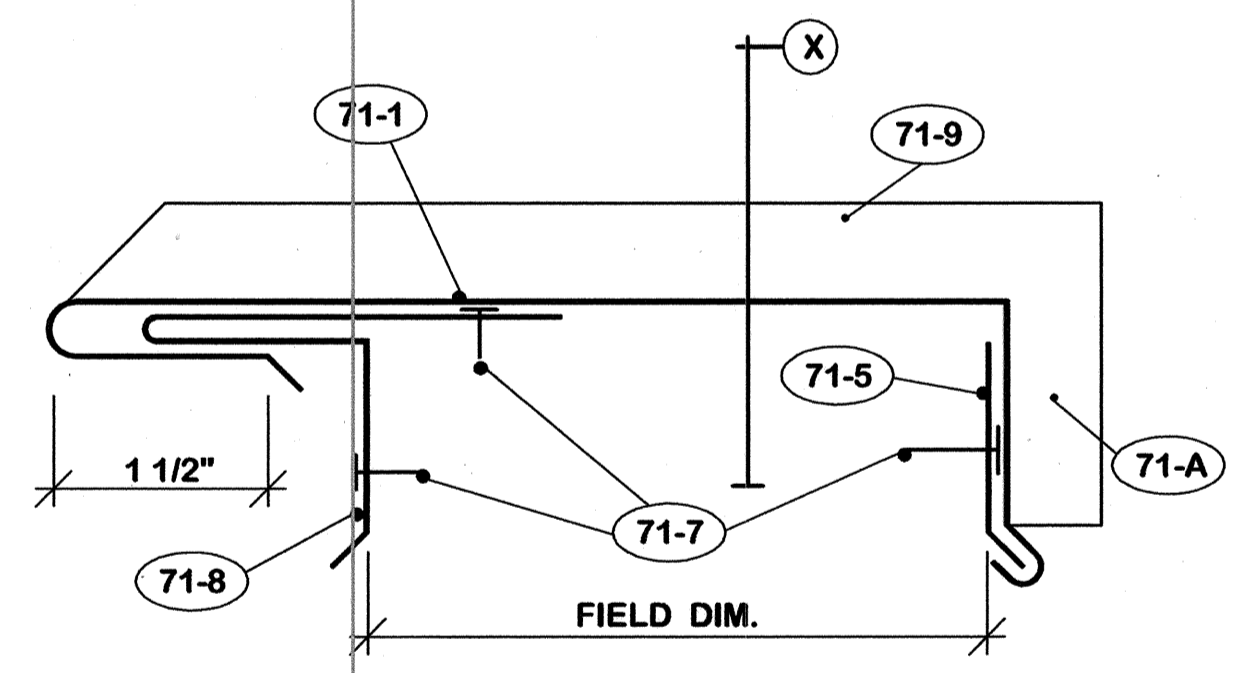
DETAIL C / A-5 3" = 1'-0"



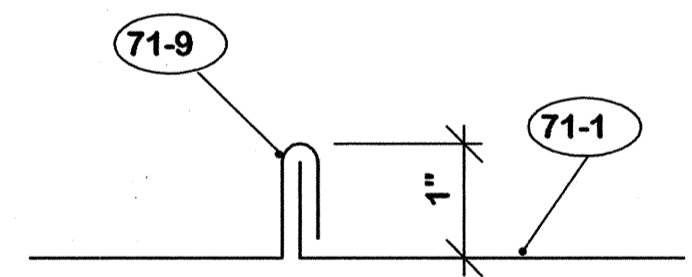
DETAIL D / A-5 1/2 F.S.



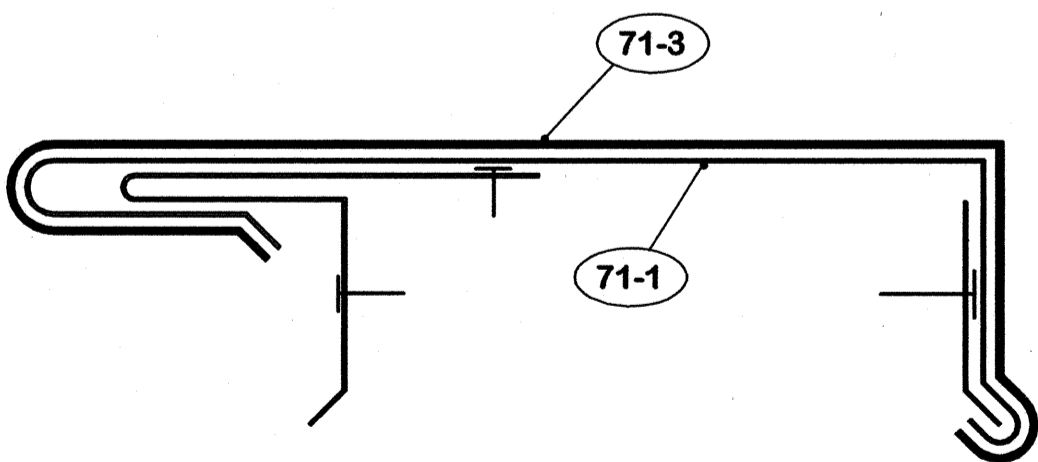
DETAIL E / A-5 1/2 F.S.



DETAIL F / A-5 1/2 F.S.



SECTION X



DETAIL G / A-5 1/2 F.S.

- 23. EXISTING TO REUSE
 - (23-1) Stainless steel pad cap.
- 71. SHEET METAL
 - 71-A Existing expansion joint material shall be reused in-so-far as possible. The following notes indicate new materials to be installed if replacement is required.
 - (71-1) Expansion joint cover. Fabricate from 16 ounce copper.
 - 71-2 16 ounce copper expansion joint intersection cover to pattern. Solder all joints.
 - 71-3 Joint cover. 16 ounce copper.
 - 71-4 16 ounce copper expansion joint end section. Solder all joints.
 - 71-5 16 ounce continuous copper clip.
 - 71-6 Flashing flange. Solder to 71-4.
 - 71-7 Secure with copper nails maximum 12" c/c.
 - 71-8 16 ounce continuous formed copper clip.
 - 71-9 Standing seam joint.
 - 71-10 Drive pins at 8" c/c.

E-TECH ROOF REPAIR CAPITAL PLAZA COMPLEX FRANKFORT, KENTUCKY		EXPANSION JOINT DETAILS		DRAWING NO. A-5
AS BUILT DATE 23 Oct. 2006	DRAWN BY <i>[Signature]</i>	CHECKED BY <i>[Signature]</i>	COMMONWEALTH OF KENTUCKY DEPARTMENT FOR FACILITIES AND SUPPORT SERVICES DIVISION OF ENGINEERING AND CONTRACT ADMINISTRATION FRANKFORT, KENTUCKY	
REV. DATE DESCRIPTION	573-83-1		WILLIAM C. MARTIN, P.S.C. ARCHITECTS-ENGINEERS 620 EUCLID AVENUE LEXINGTON, KENTUCKY	
A 14 July 06 Added Sect. C/A-5.	DATE		15 June 2006	
AGENCY AUTHORIZED AGENT		APPROVED FOR PROGRAM CONCEPT ONLY		DATE
DIVISION OF ENGINEERING		APPROVED FOR PROGRAM CONCEPT ONLY		DATE

CPA-1012