

# CAPITAL PLAZA ROOF REPLACEMENT

## FOR THE COMMONWEALTH OF KENTUCKY FRANKFORT, KENTUCKY

GOVERNOR BRERETON JONES

FINANCE & ADMINISTRATION CABINET  
DEPARTMENT FOR FACILITIES MANAGEMENT  
DIVISION OF ENGINEERING  
ENGINEERING FILE NO. M-219-35  
ACCOUNT NO. 02-38-785-0107

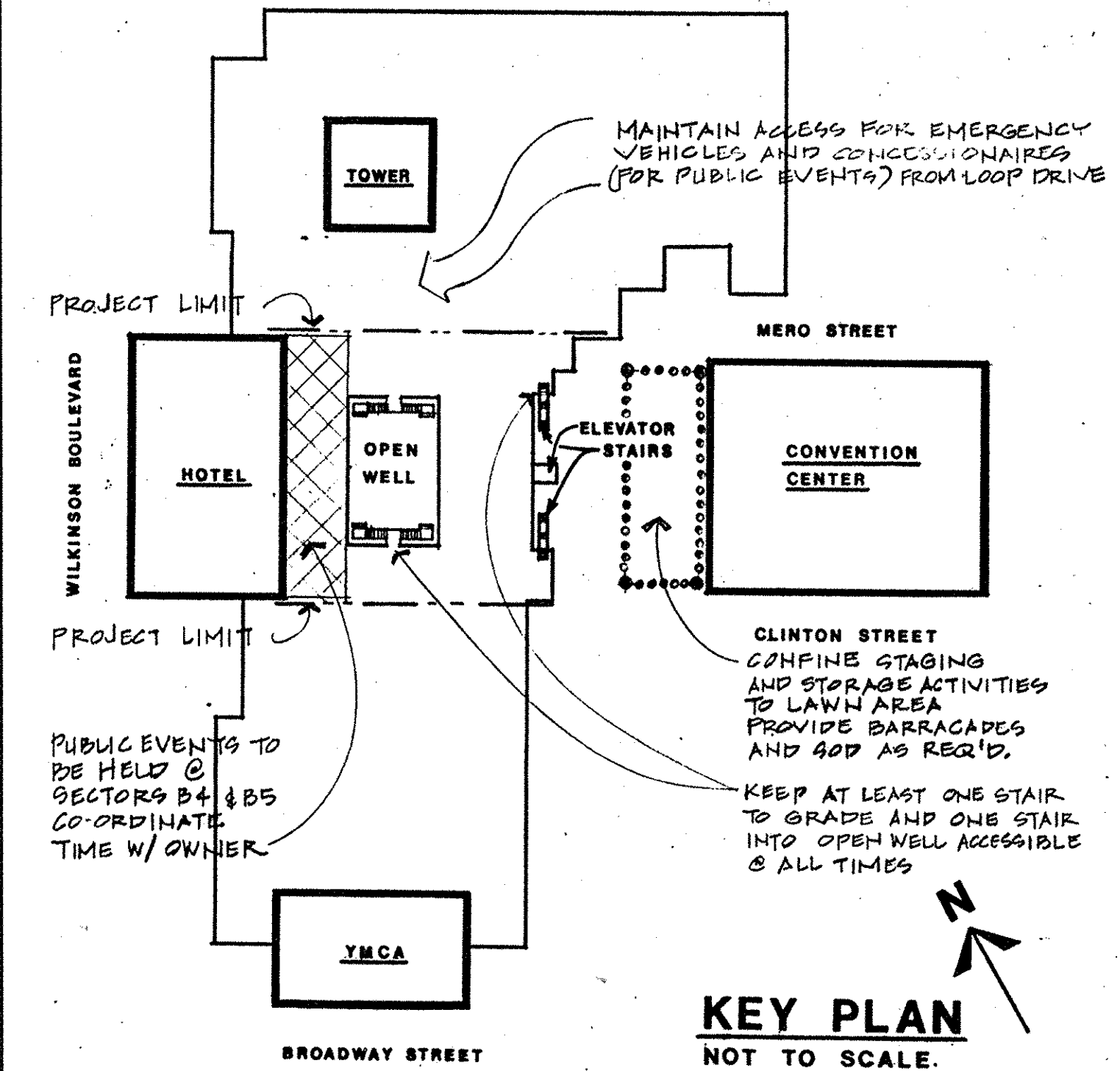
**NOTE:**

Roof Replacement Project will be conducted simultaneously with work under Owner's separate Asbestos Abatement Contract. Roof Replacement Project Bidders are advised to review and become familiar with the Project documents for the Asbestos Abatement Contract, prepared by David C. Banks, AIA, Architect of Frankfort, Kentucky, dated November, 1991.

**Asbestos Abatement:** Ross-Feldman Architecture, Inc. is in no way associated with identification or abatement of hazardous materials. Ross-Feldman Architecture, Inc. will not warrant that any or all hazardous materials have or will be identified or abated. Said warranty is the sole responsibility of the Owner's separate Asbestos Abatement Contract. Information regarding the separate contract for Asbestos Abatement has been provided by the Owner from documents prepared by David C. Banks, AIA, Architect, and dated November 1991.

### INDEX OF DRAWINGS

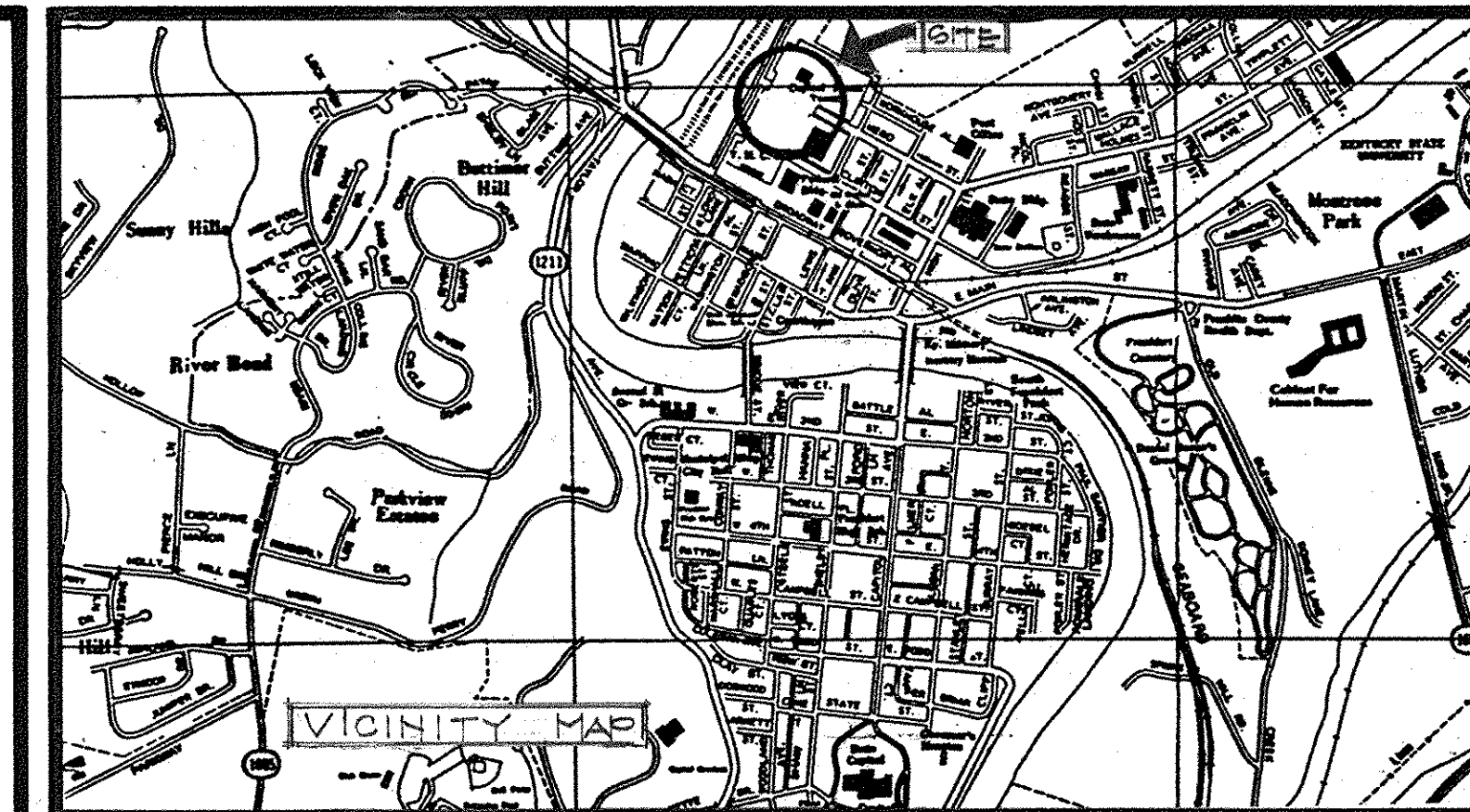
- Cover Sheet
- D-1 Demolition Plan and Details
- A-1 Partial Roof Plan and Details
- A-2 Partial Roof Plan and Details
- A-3 Details



SEPTEMBER, 1991

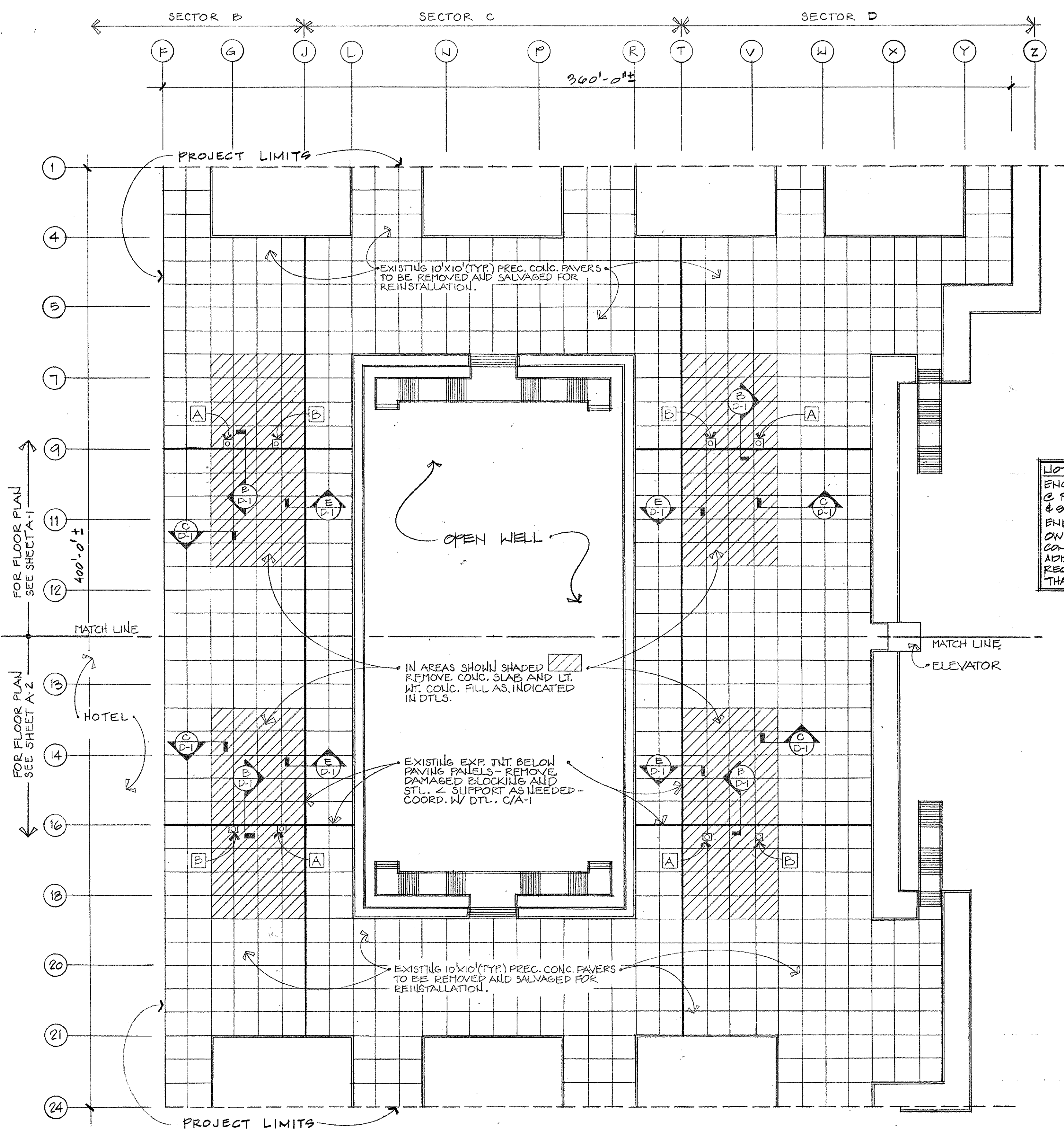
## ROSS • FELDMAN ARCHITECTURE, INC.

206 West Main Street Lexington, Kentucky 40507 (606)254-4018



SET NUMBER \_\_\_\_\_

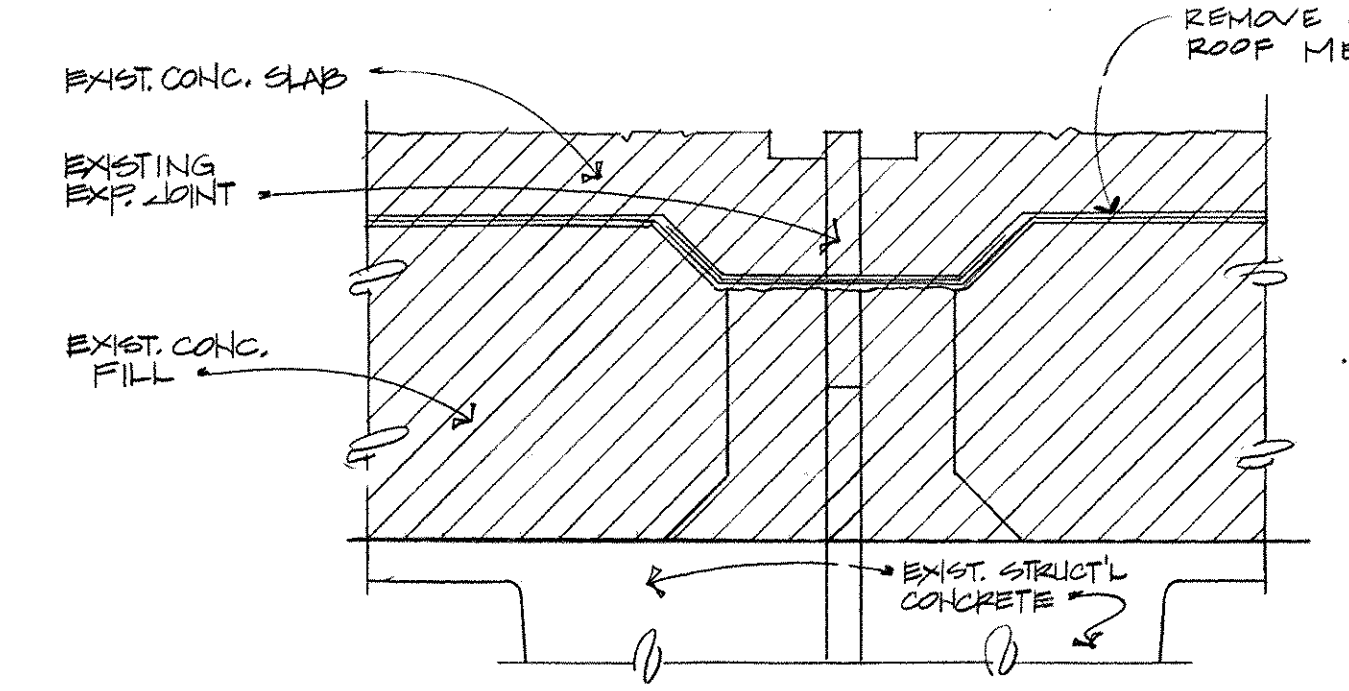




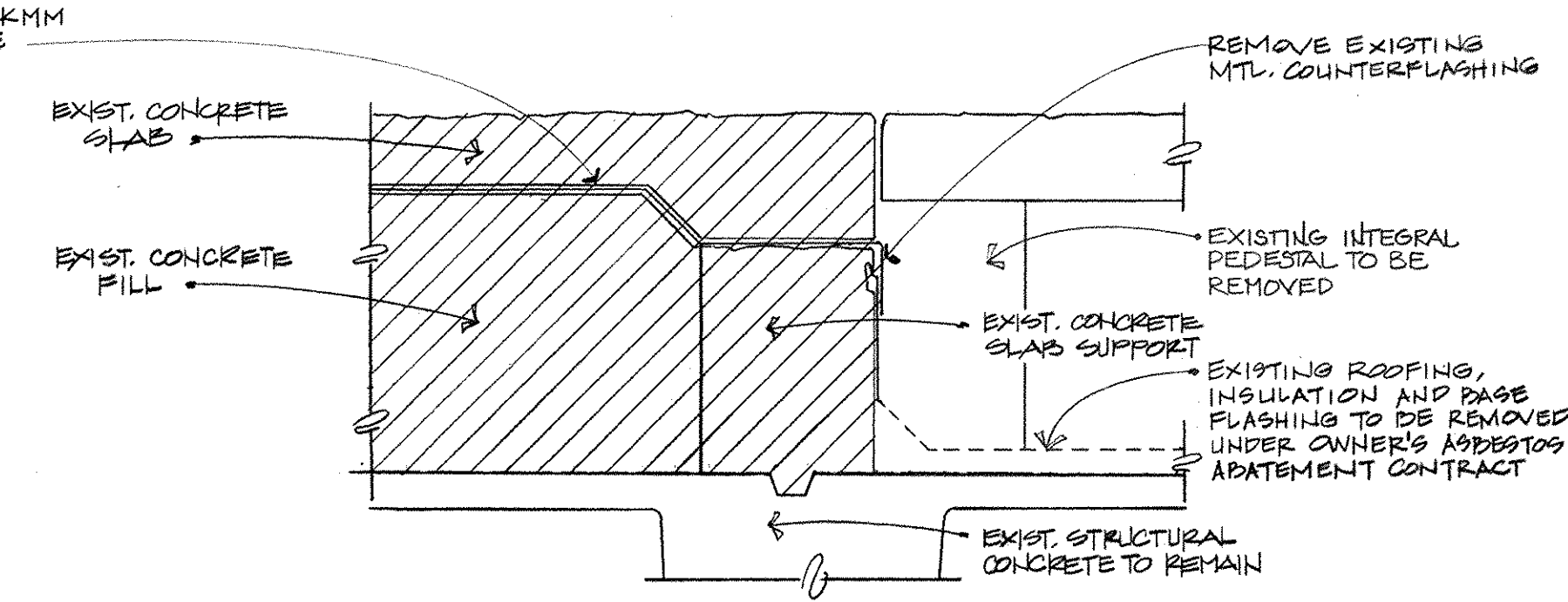
**DEMOLITION PLAN**  
SCALE: 1" = 20'-0"

**NOTE:**  
REMOVE CONSTRUCTION IN AREA SHOWN SHADED  
SEE DTL. C/A-1 FOR NEW EXPANSION JT. CONSTRUCTION.

**NOTE:**  
REMOVE CONSTRUCTION IN AREA SHOWN SHADED  
SEE DTL. B/A-3 FOR NEW PRECAST PEDESTAL DECK SUPPORT



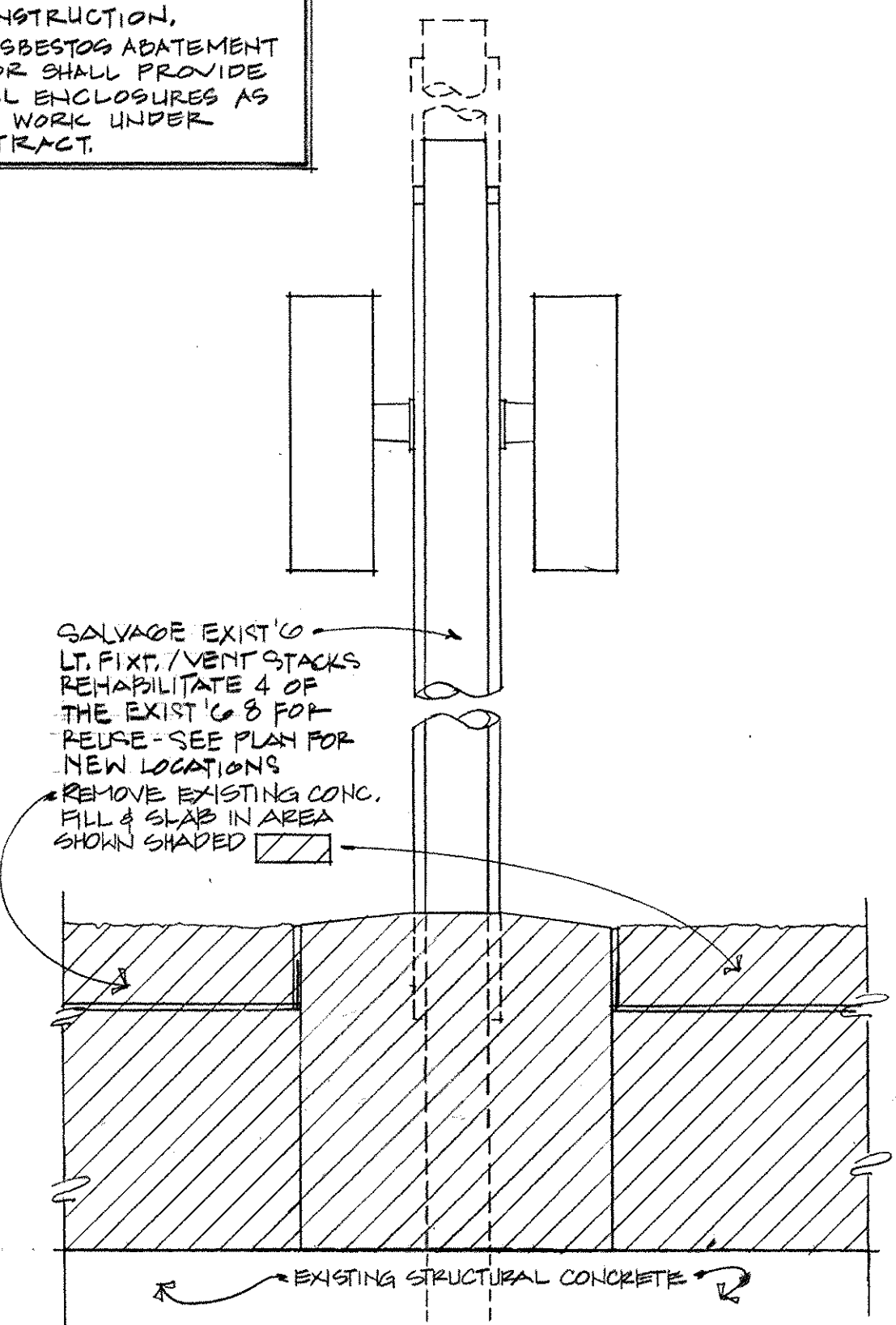
**DEMOLITION DETAIL B**  
SCALE: 1" = 1'-0"



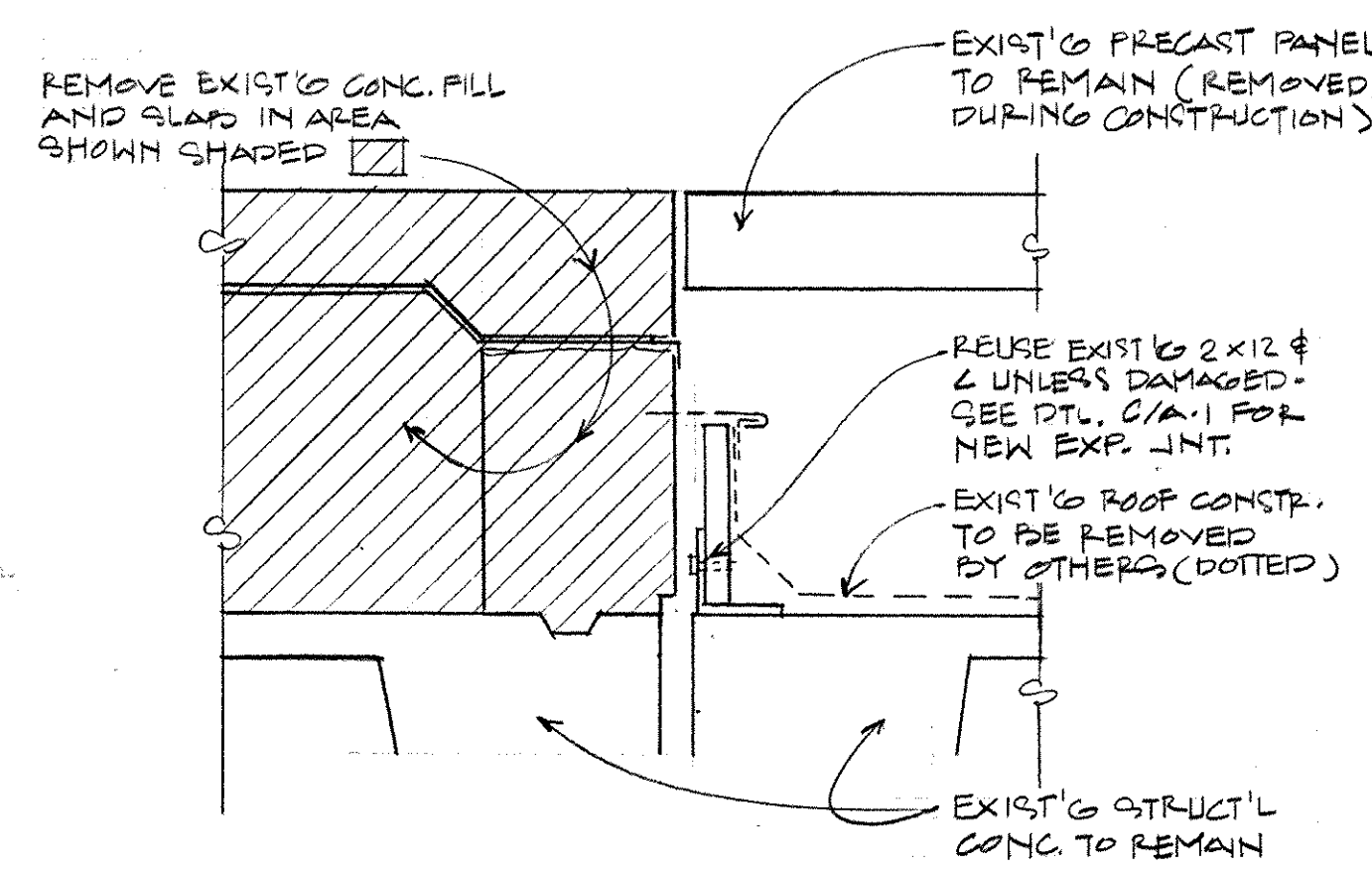
**DEMOLITION DETAIL C**  
SCALE: 1" = 1'-0"

**NOTE:** G.C. SHALL PROVIDE ENCLOSURE FENCE/BARRICADE @ PROJECT LIMIT FOR SAFETY & SECURITY AS REQ'D. THRU END OF CONSTRUCTION. OWNER'S ASBESTOS ABATEMENT CONTRACTOR SHALL PROVIDE ADDITIONAL ENCLOSURES AS REQ'D. BY WORK UNDER THAT CONTRACT.

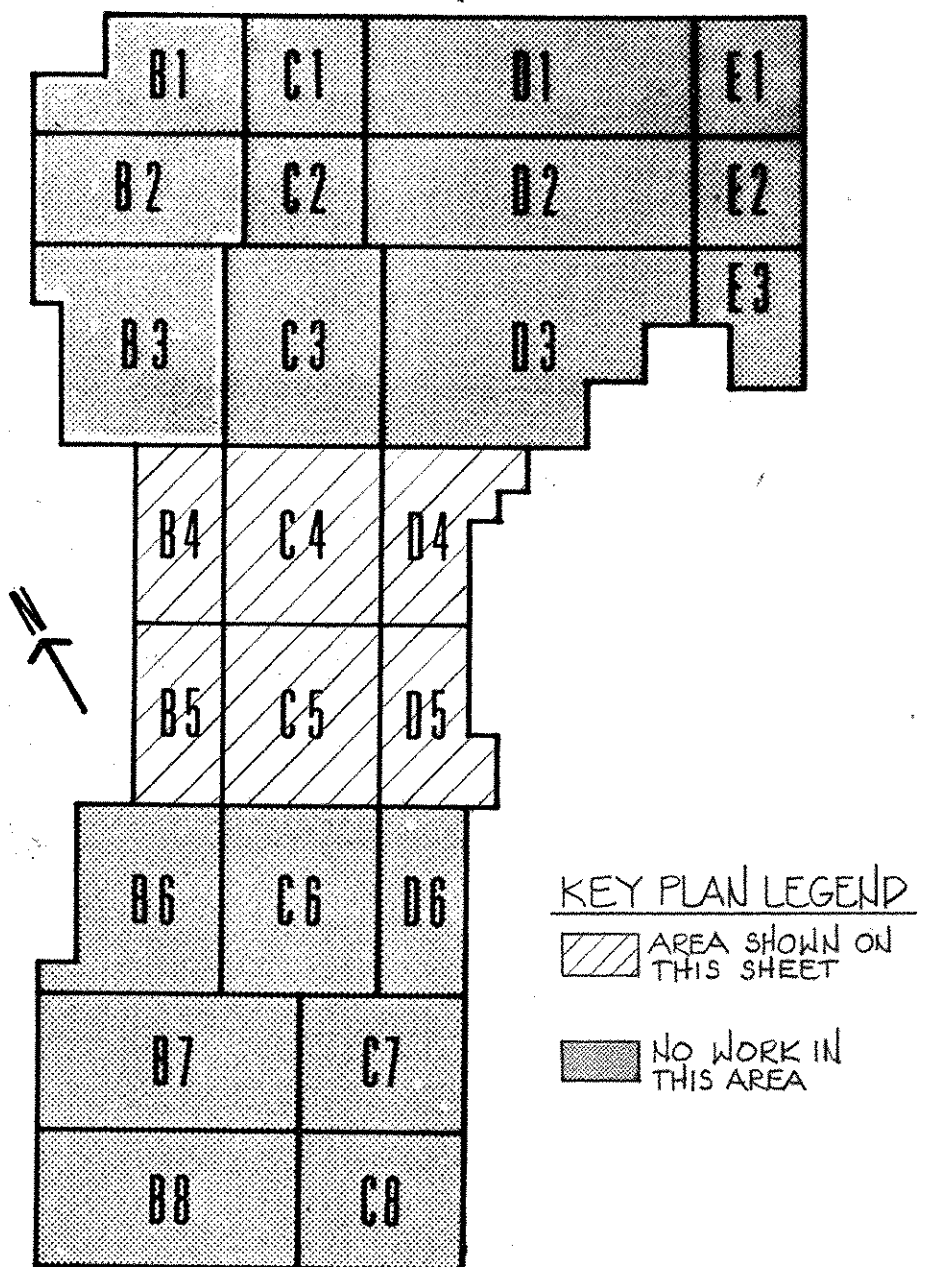
**NOTE:**  
**Asbestos Abatement:** Ross-Feldman Architecture, Inc. is in no way associated with identification or abatement of hazardous materials. Ross-Feldman Architecture, Inc. will not warrant that any or all hazardous materials have or will be identified or abated. Said warranty is the sole responsibility of the Owner's separate Asbestos Abatement Contract. Information regarding the separate contract for Asbestos Abatement has been provided by the Owner from documents prepared by David C. Banks, AIA, Architect, and dated November 1991.



**DEMOLITION DTL. @ LIGHT FIXT./VENT STACK D**  
SCALE: 1" = 1'-0"



**DEMOLITION DETAIL E**  
SCALE: 1" = 1'-0"



**KEY PLAN**

**GENERAL NOTES**

- General Contractor will remove existing precast concrete panels for asbestos abatement (existing roofing materials) and re-roofing. Store panels for reinstallation as indicated. Asbestos abatement will be by others under separate contract with Owner. Abatement contractor will install temporary roofing over structural slab. Coordinate work to insure the proper execution of the work of both contractors.
- Field verify all dimensions.

**NOTES**

- [A] Existing light fixture see detail D/D-1.
- [B] Existing light fixture/vent stack - remove per detail D/D-1 - see plan for relocation.

**Precast Concrete Plaza Panels Removal and Storage**

Precast concrete panels may be temporarily stacked on the existing plaza level in accordance with the following guidelines:

- Panels may be stacked anywhere on the framed plaza level, except:
  - Panels may not be stacked on the spans over the public roads,
  - Panels may not be stacked within 10 feet of the planter areas, and
  - Panels may not be stacked on the portions of the plaza slabs which were previously planters.
- Panels may be stacked to a height of only two (2) panels above plaza level.
- Stacked panels must be supported within 1'-6" of their corners.
- Stacked panels must be aligned with the supporting panels.
- The maximum allowable wheel load for any particular type or model of construction equipment should not exceed 9,000 pounds.

Prior to construction, it is recommended that the contractor submit the following for review:

- The planned construction sequence
- The location of any areas of the plaza level to be used for temporary on-site stacking of the concrete panels
- The wheel loads and spacing of all construction equipment to be used on the plaza level

It is possible that during construction some deteriorated concrete elements will be discovered. Therefore, it is recommended that cracks, spalled areas, etc., be inspected by the Architect to determine if any repair is required.

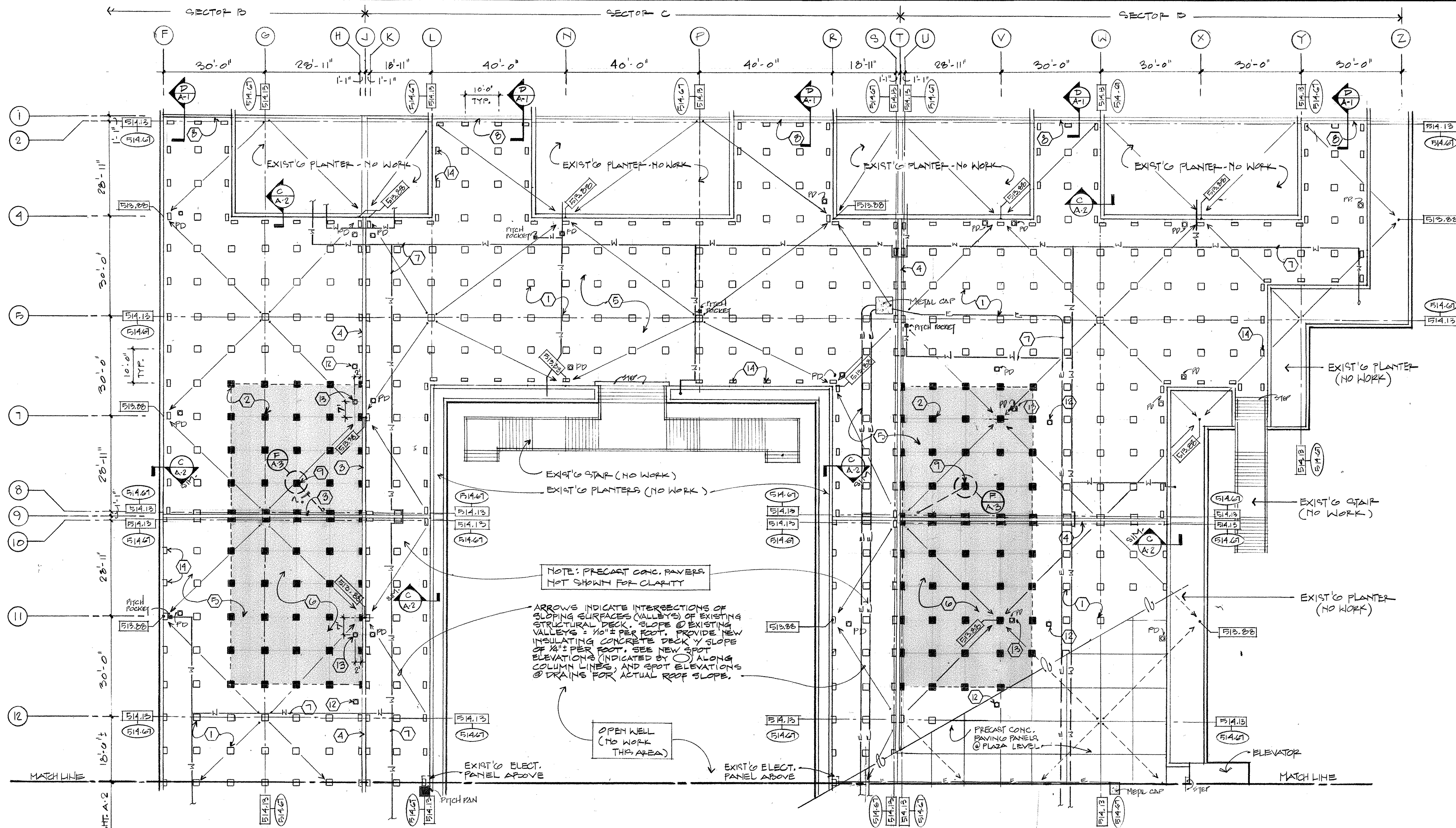
REVISIONS	DATE	Capital Plaza Roof Replacement		DRAWING NO.
1		RECORD DRWG. DATE	DEMOLITION PLAN	<b>D-1</b>
2		DRAWN BY	MEH, RE, DC	
3		CHECKED BY	JRW	REVIEWED DIV. OF ENGR.
4		A&E FILE NO.	RFA1#9016	SINGLE FILE NO.
5		DATE	SEPT. 1991	M-219-35
6		AGENCY AUTHORIZED AGENT	APPROVED FOR PROGRAM CONCEPT ONLY	DATE
7		DIVISION OF ENGINEERING	APPROVED FOR PROGRAM CONCEPT ONLY	DATE
8				12/5/91
9				

**ROSS-FELDMAN ARCHITECTURE, INC.**  
206 West Main Street, Lexington, Kentucky 40507 506.264.4018

**JAMES ALLAN ROSS**  
REGISTERED No. 1220 COMMONWEALTH OF KENTUCKY ARCHITECT

CPA-732

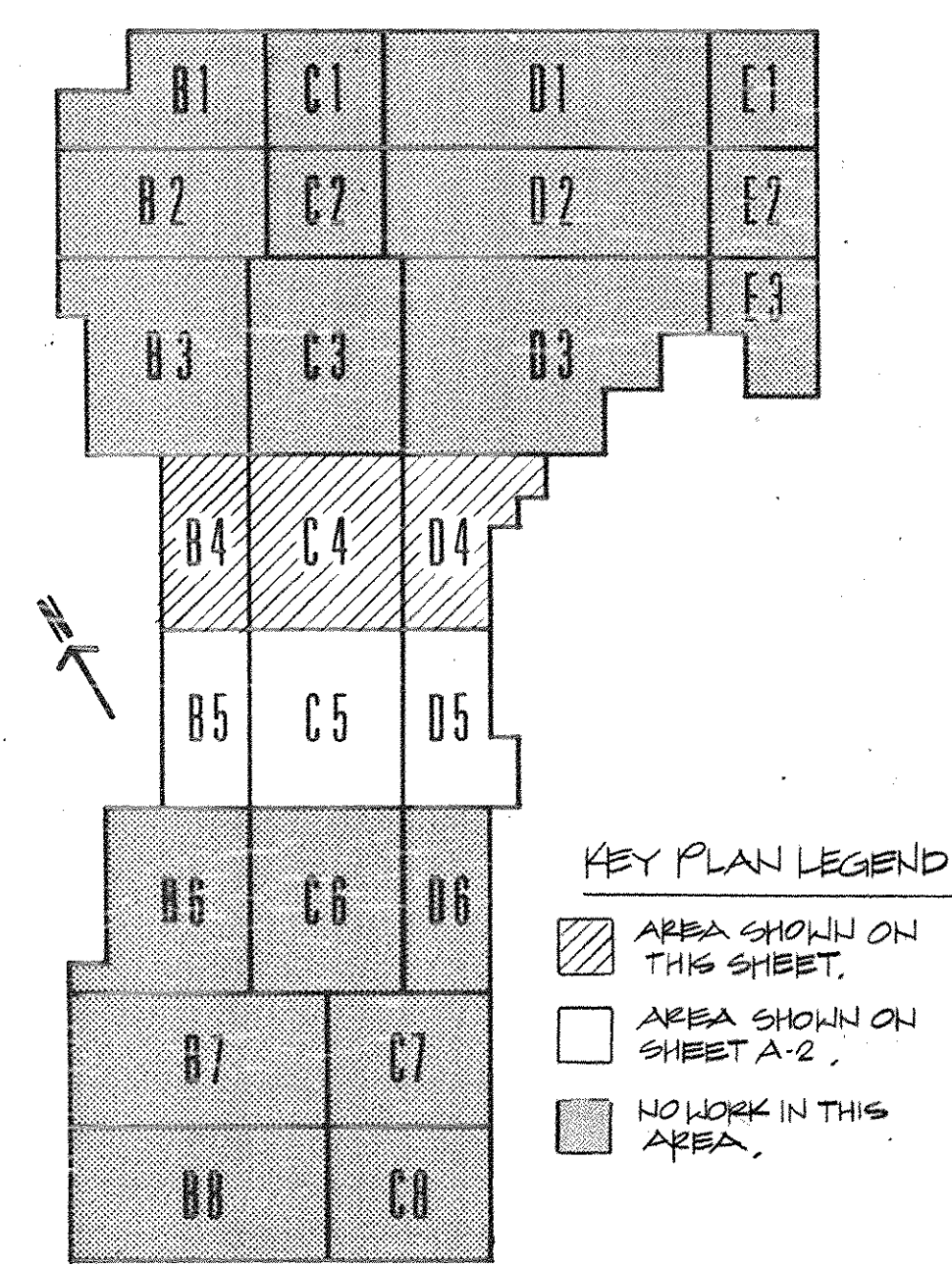
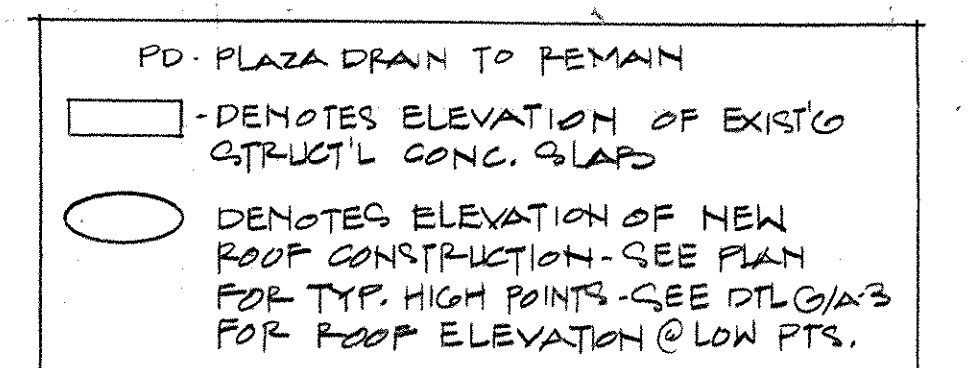




**PARTIAL ROOF PLAN (AREAS B-4, C-4 & D-4)**  
 SCALE: 1/16" = 1'-0"

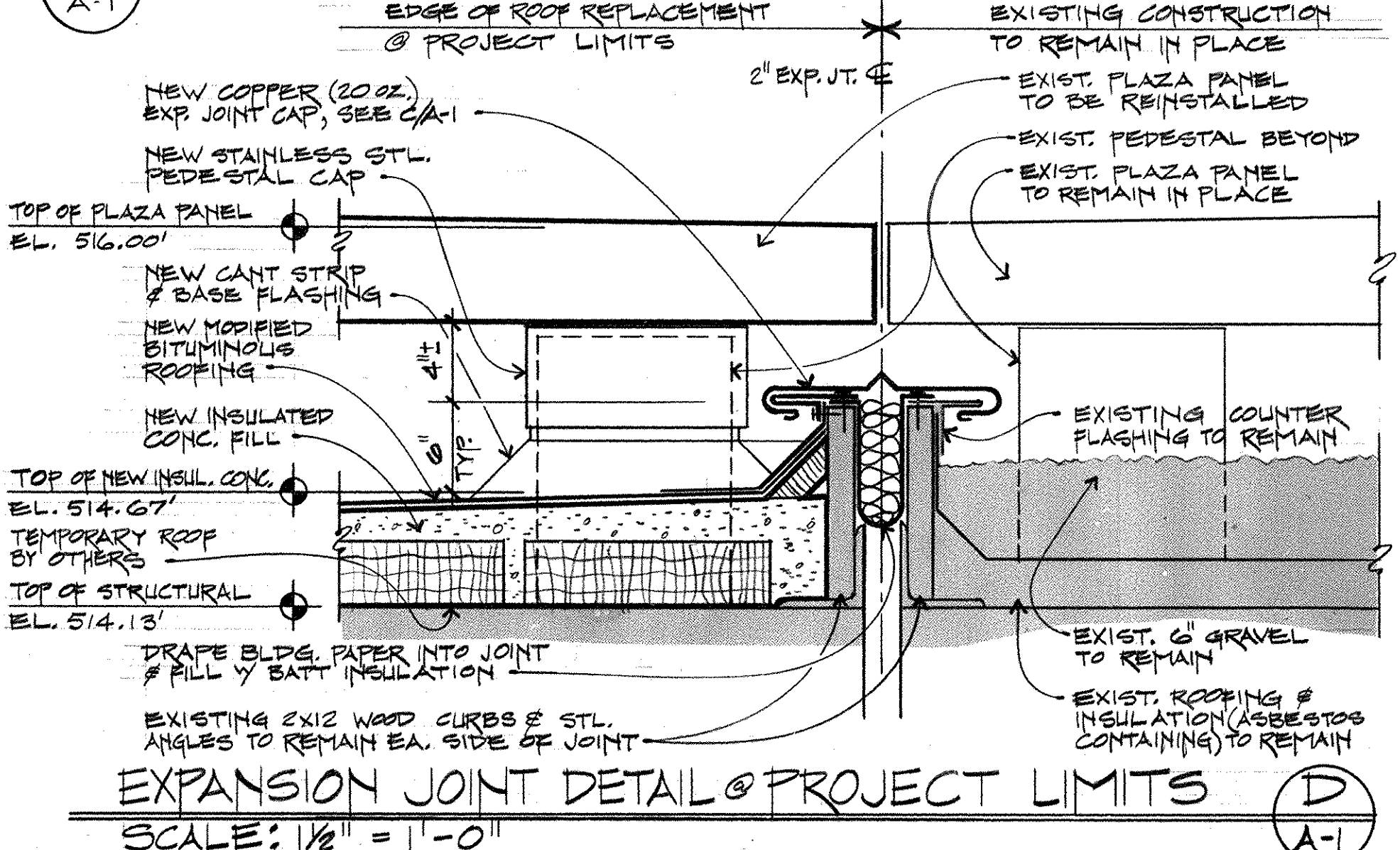
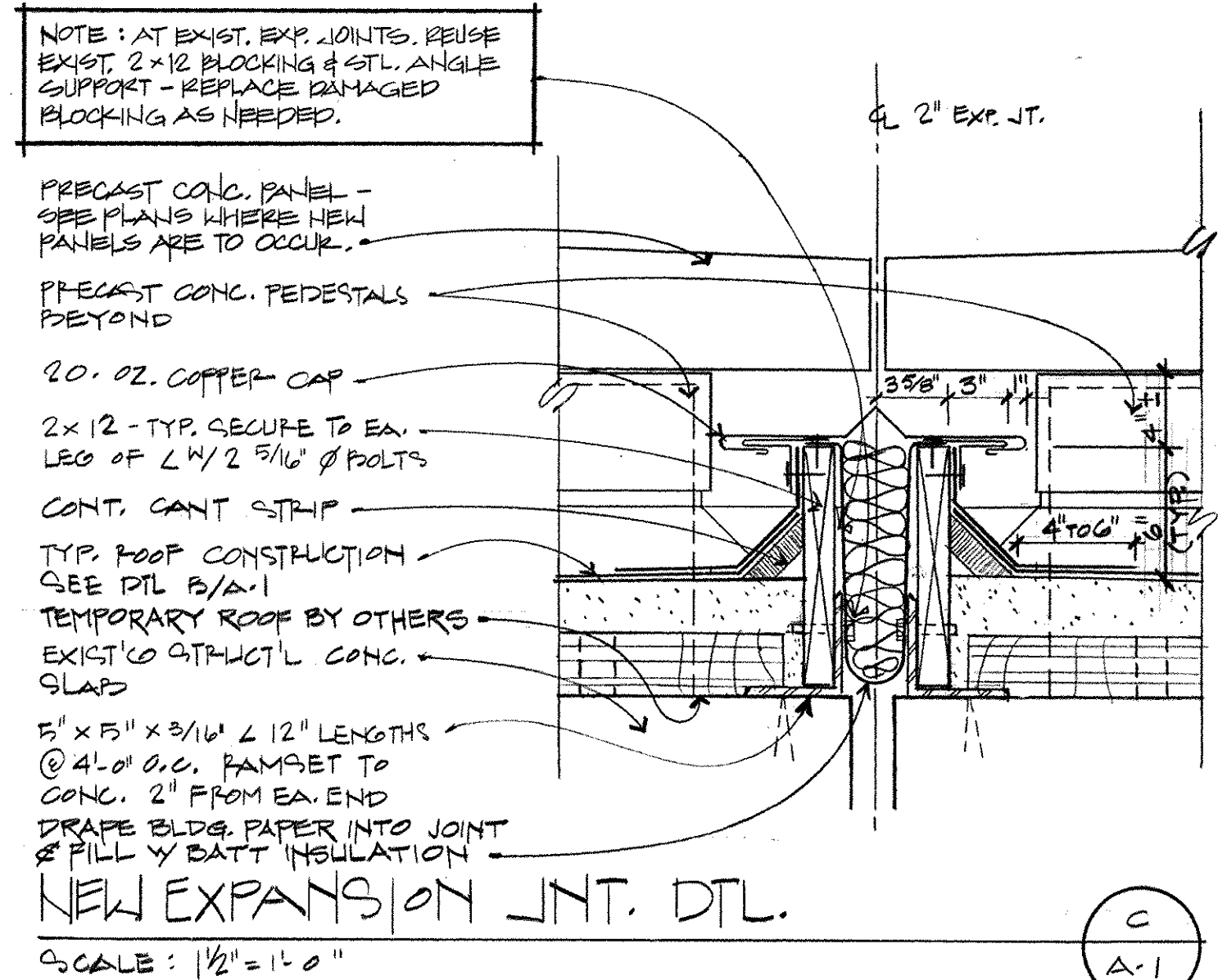
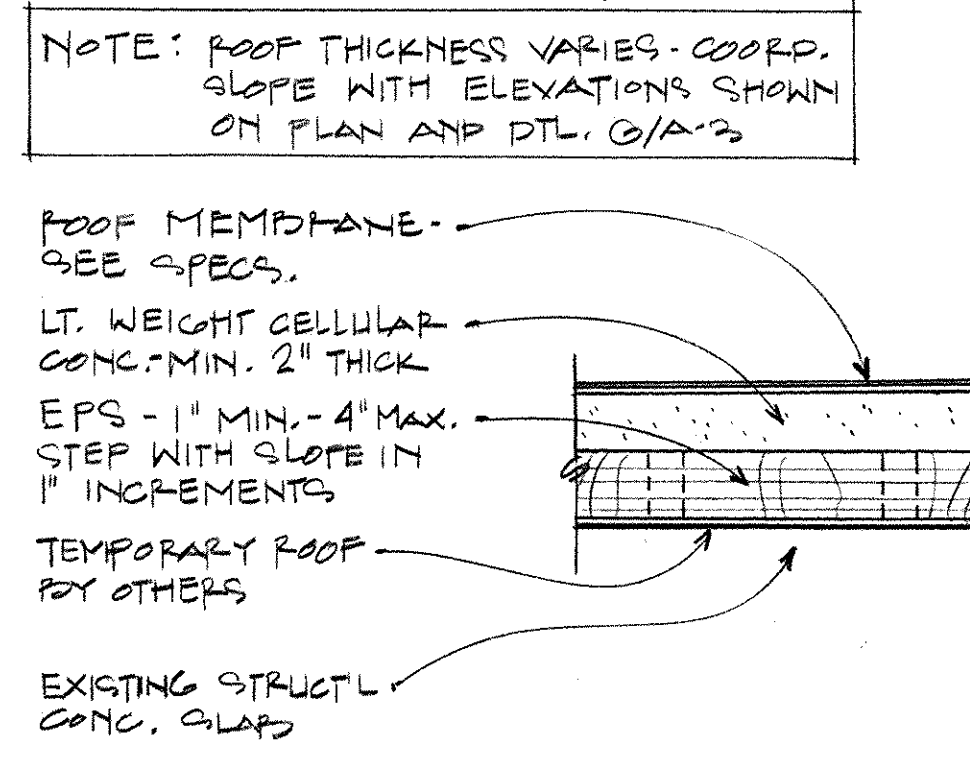
- NOTES**
- Existing precast concrete pedestals with new stainless steel cap (Typ.). See detail A/A-3.
  - New precast concrete pedestal with stainless steel cap (shown shaded). See detail B/A-3.
  - New roof expansion joint-see detail C/A-1.
  - Existing roof expansion joint, provide new copper cap, raise existing blocking and steel angle support unless damaged. See detail C/A-1 SDM.
  - Typical roof construction. See detail B/A-1.
  - In area shown shaded, provide new precast concrete paving panels. See detail B/A-2 for typical panel design.
  - Existing water piping between plaza roof and deck to remain. Provide new anchor to stainless steel cap as shown in detail H/A-3.
  - Existing roof expansion joint at boundary of work. See detail D/A-1.
  - Relocate existing light fixture/vent stack, extend vent piping from below structural slab - slope minimum 1/8" per foot to new location. See detail C/A-3.
  - Electrical conduit between plaza roof and deck. Provide new anchor to stainless steel cap as shown in detail H/A-3. Verify extent of conduit.
  - New plaza drain - provide rough opening in concrete slab - coordinate size with drain supplier. Connect 4" storm line to existing storm lines. See detail G/A-3 for new drain detail - see detail D/A-2 for drain access panel to be located above drain in paving panel - condition at existing drain (denoted PD on roof plan) is similar.
  - Remove existing drain and relocate as shown. Fill in concrete slab.
  - Relocate existing roof drain - see detail G/A-3 SDM. See detail D/A-2 for drain access panel to be located above drain in paving panel.
  - Precast concrete pedestal at planter wall (or other vertical surface). See detail D/A-1.

- GENERAL NOTES**
- General Contractor will remove existing precast concrete panels for asbestos abatement (existing roofing materials) and re-roofing. Store panels for reinstallation as indicated. Asbestos abatement will be by others under separate contract with Owner. Abatement contractor will install temporary roofing over structural slab. Coordinate work to insure the proper execution of the work of both contractors.
  - Field verify all dimensions.



**KEY PLAN**

**TYPICAL ROOF CONSTRUCTION:**

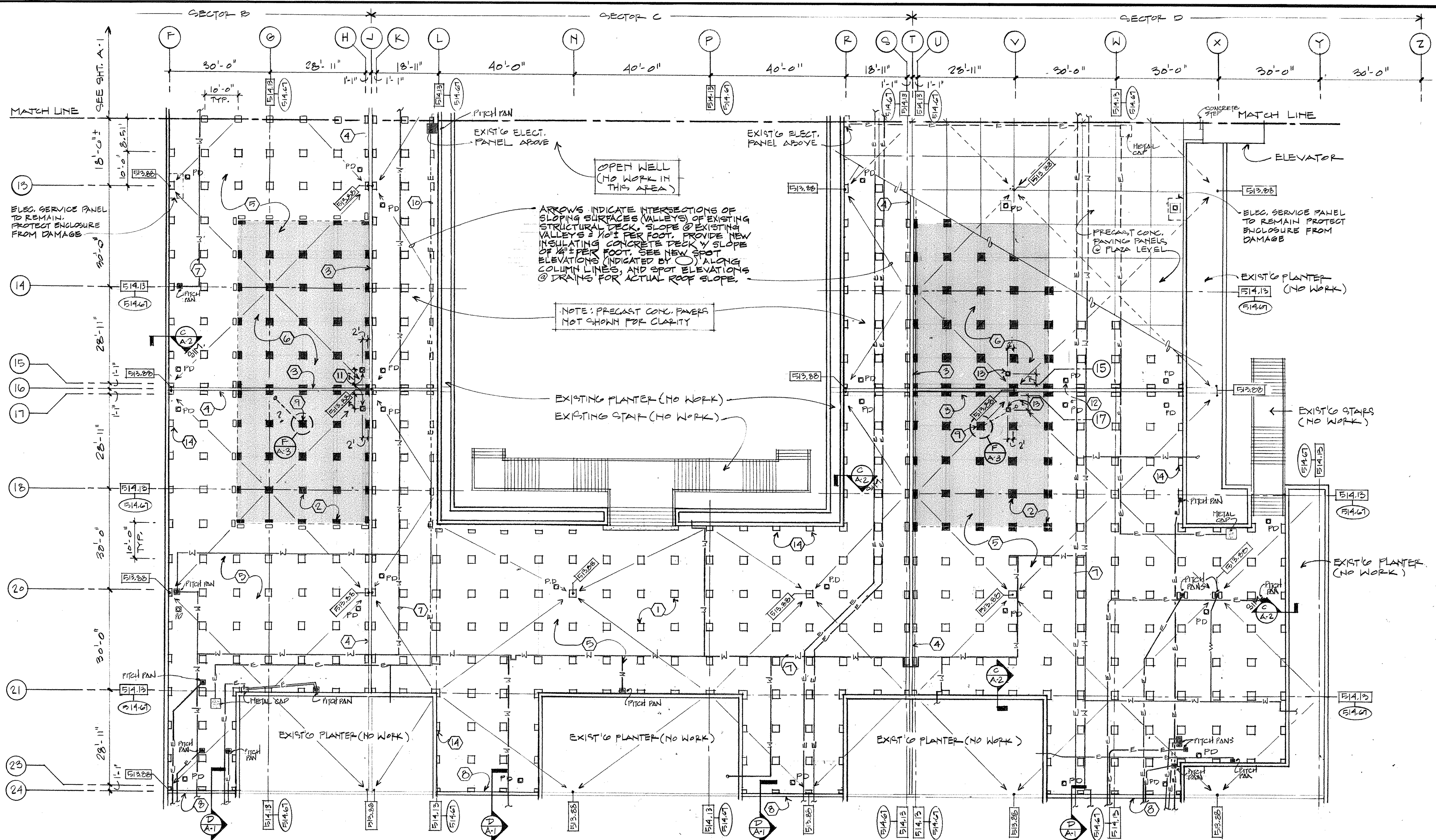


REVISIONS	DATE	Capital Plaza Roof Replacement	
1		RECORD DRWG. DATE	PARTIAL ROOF PLAN
2		DRAWN BY	M.H. P.B.
3		CHECKED BY	
4		ARE FILE NO.	EPAN# 9016
5		DATE	SEPT. 1991
6		AGENCY	COMMONWEALTH OF KENTUCKY
7		AUTHORIZED AGENT	James Allan Ross
8		DIVISION OF ENGINEERING	FRANKFORT, KENTUCKY
9		APPROVED FOR PROGRAM	DATE 12/5/91

**ROSS • FELDMAN ARCHITECTURE, INC.**  
 306 West Main Street, Lexington, Kentucky 40502 502-254-4018

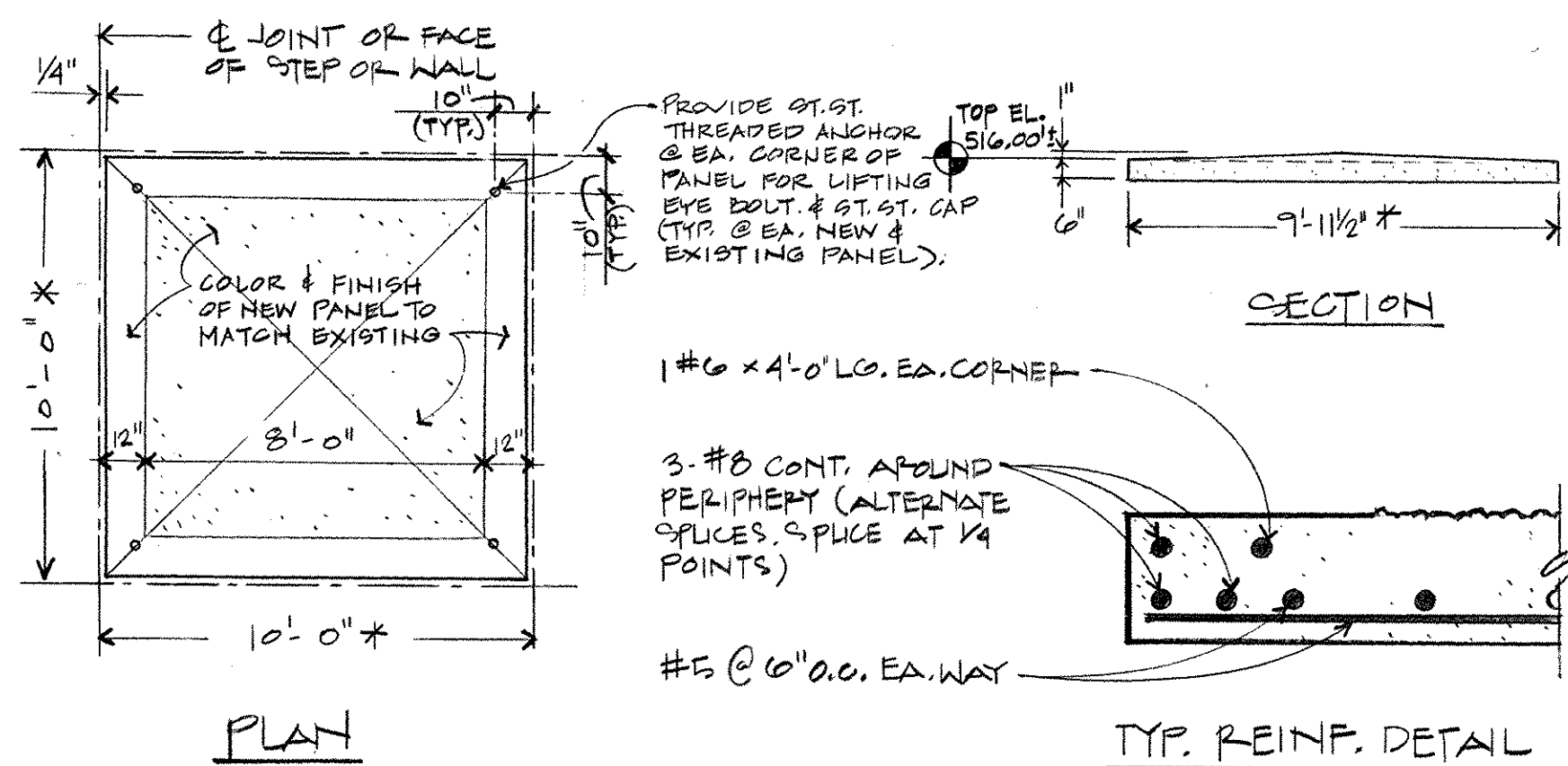
ENGINE FILE NO. M-219-35





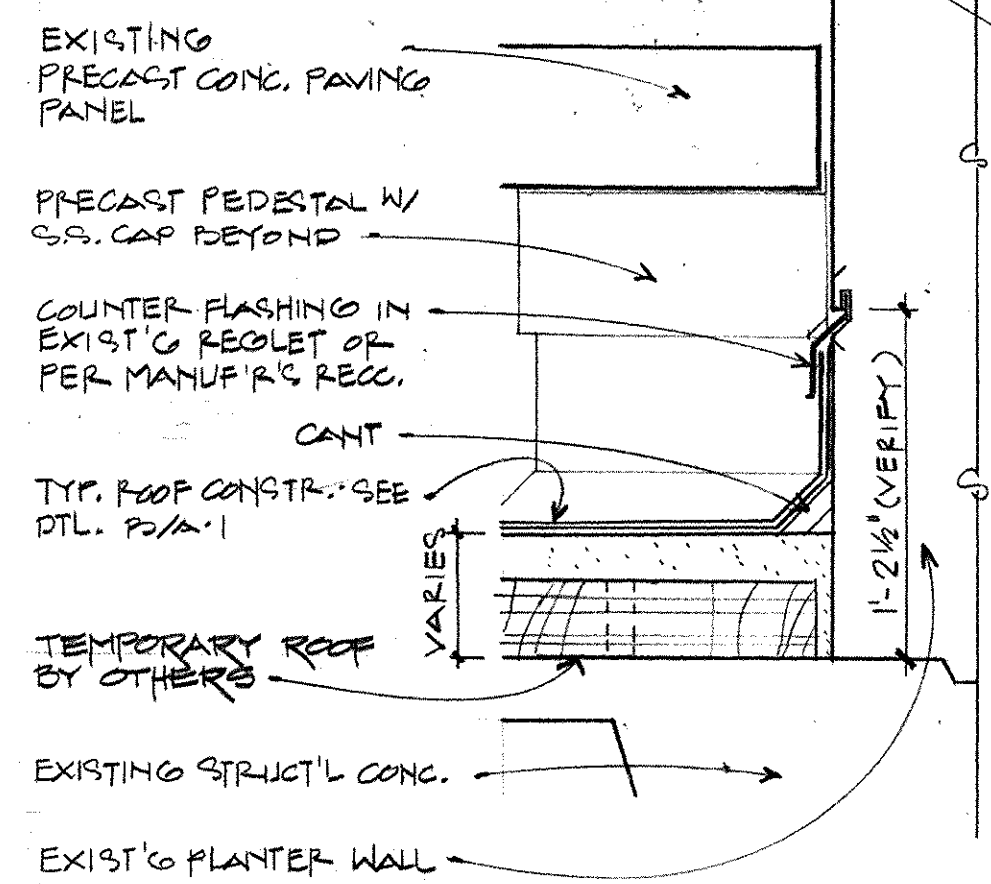
PARTIAL ROOF PLAN (AREAS B-5, C-5 & D-5)

SCALE: 1/16" = 1'-0"



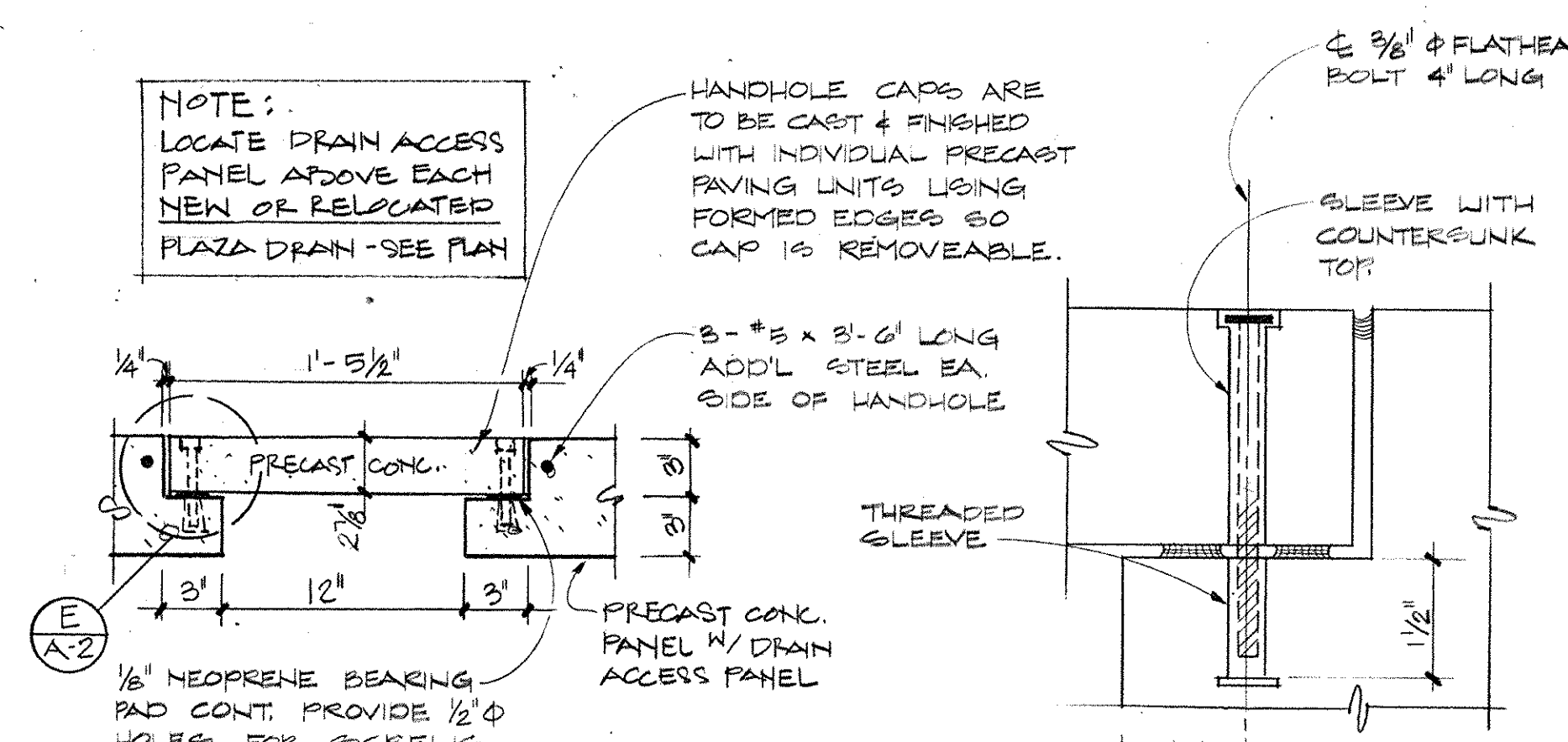
\*TYPICAL DIMENSIONS. SEE PLANS FOR VARIATIONS IN SIZE OF PRECAST PAVING PANELS

PRECAST PLAZA PAVING PANELS



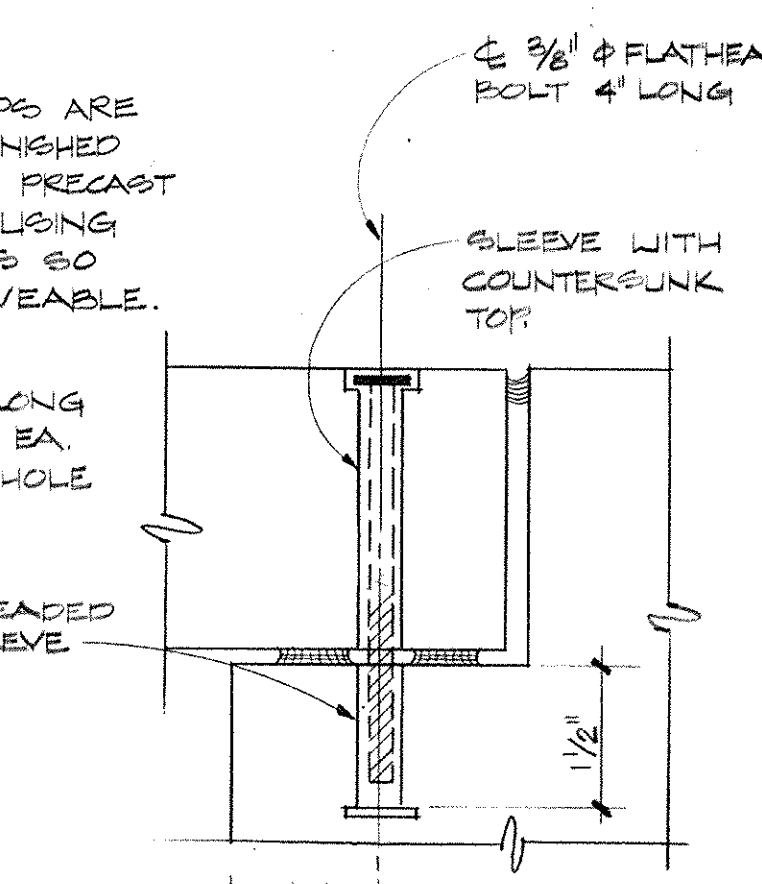
TYP. ROOF TERMINATION

SCALE: 1/2" = 1'-0"



DRAIN ACCESS PANEL

SCALE: 1/2" = 1'-0"



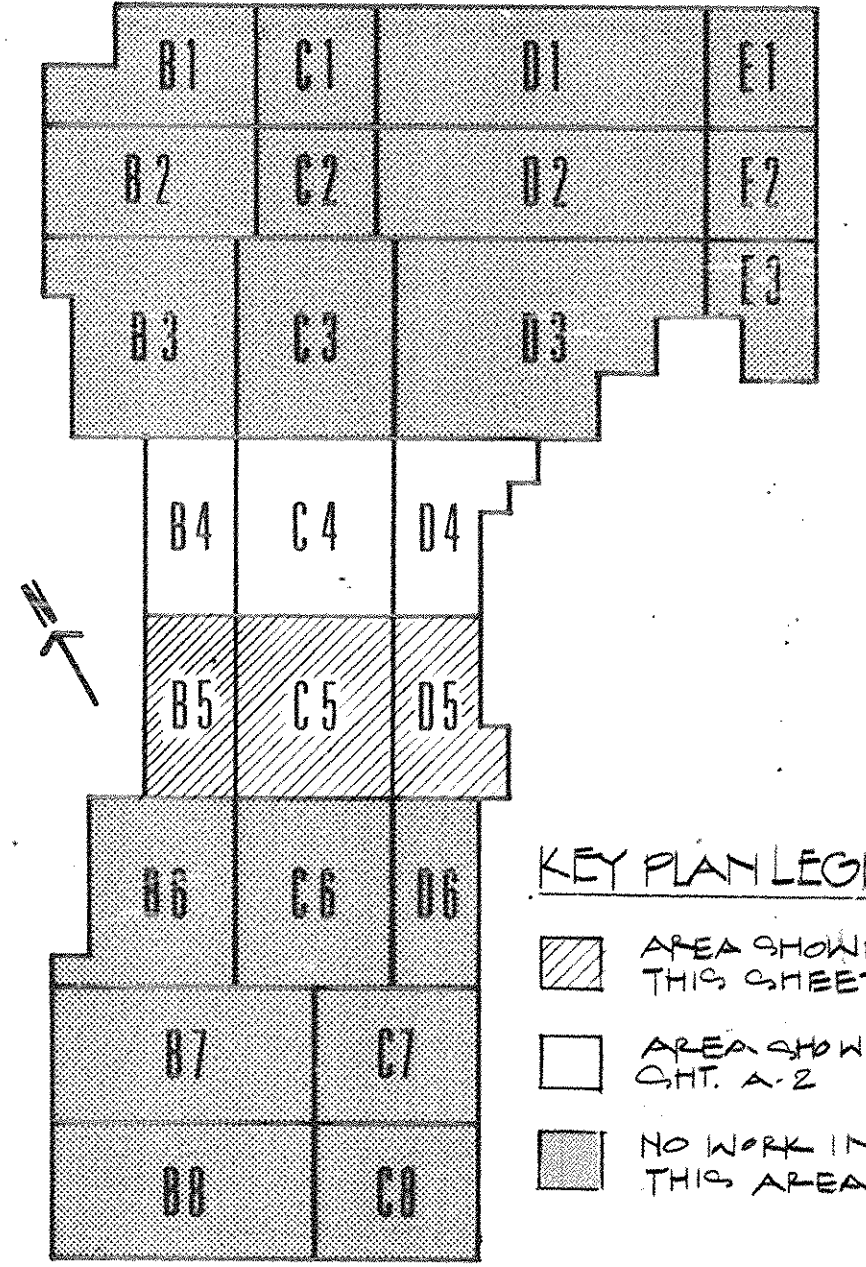
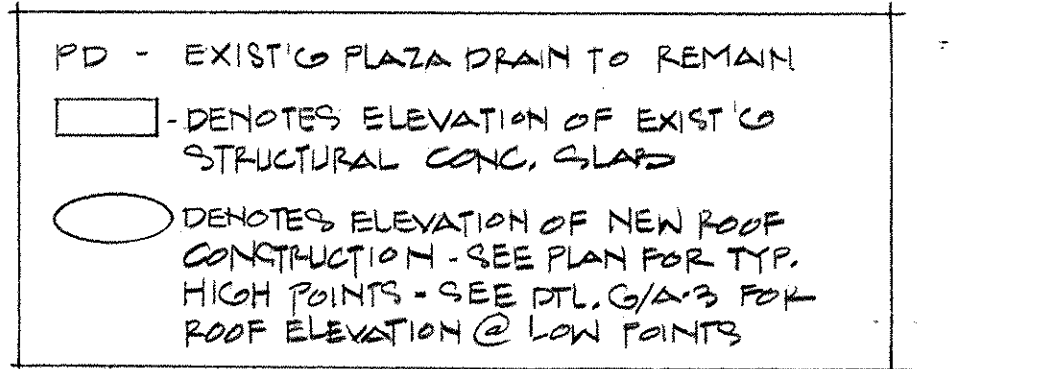
DETAIL

SCALE: HALF SIZE

- NOTES
- Existing precast concrete pedestals with new stainless steel cap (typ.). See detail A/A-1.
  - New precast concrete pedestal with stainless steel cap (shown shaded). See detail B/A-1.
  - New roof expansion joint-see detail C/A-1.
  - Existing roof expansion joint, provide new copper cap, reuse existing blocking and steel angle support unless damaged. See detail C/A-1 SIM.
  - Typical roof construction. See detail B/A-1.
  - In area shown shaded, provide new precast concrete paving panels. See detail B/A-2 for typical panel design.
  - Existing water piping between plaza roof and deck to remain. Provide new anchor to stainless steel cap as shown in detail H/A-3.
  - Existing roof expansion joint at boundary of work. See detail D/A-1.
  - Relocate existing light fixture/vent stack, extend vent piping from below structural slab - slope minimum 1/8" per foot to new location. See detail G/A-3.
  - Electrical conduit between plaza roof and deck. Provide new anchor to stainless steel cap as shown in detail H/A-3. Verify extent of conduit.
  - New plaza drain - provide rough opening in concrete slab - coordinate size with drain supplier. Connect 4" storm line to existing storm lines. See detail G/A-3 for new drain detail - see detail D/A-2 for drain access panel to be located above drain in paving panel - condition at existing drain (denoted PD on roof plan) is similar.
  - Remove existing drain and relocate as shown. Fill in concrete slab.
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  - Precast concrete pedestal at planter wall (or other vertical surface). See detail D/A-3.

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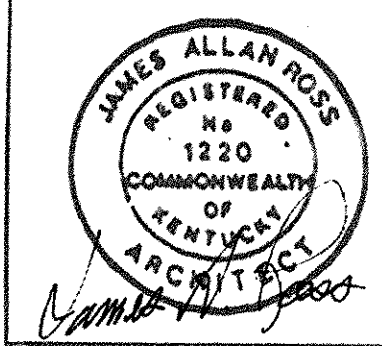


KEY PLAN LEGEND

- AREA SHOWN ON THIS SHEET
- AREA SHOWN ON SHEET A-2
- NO WORK IN THIS AREA

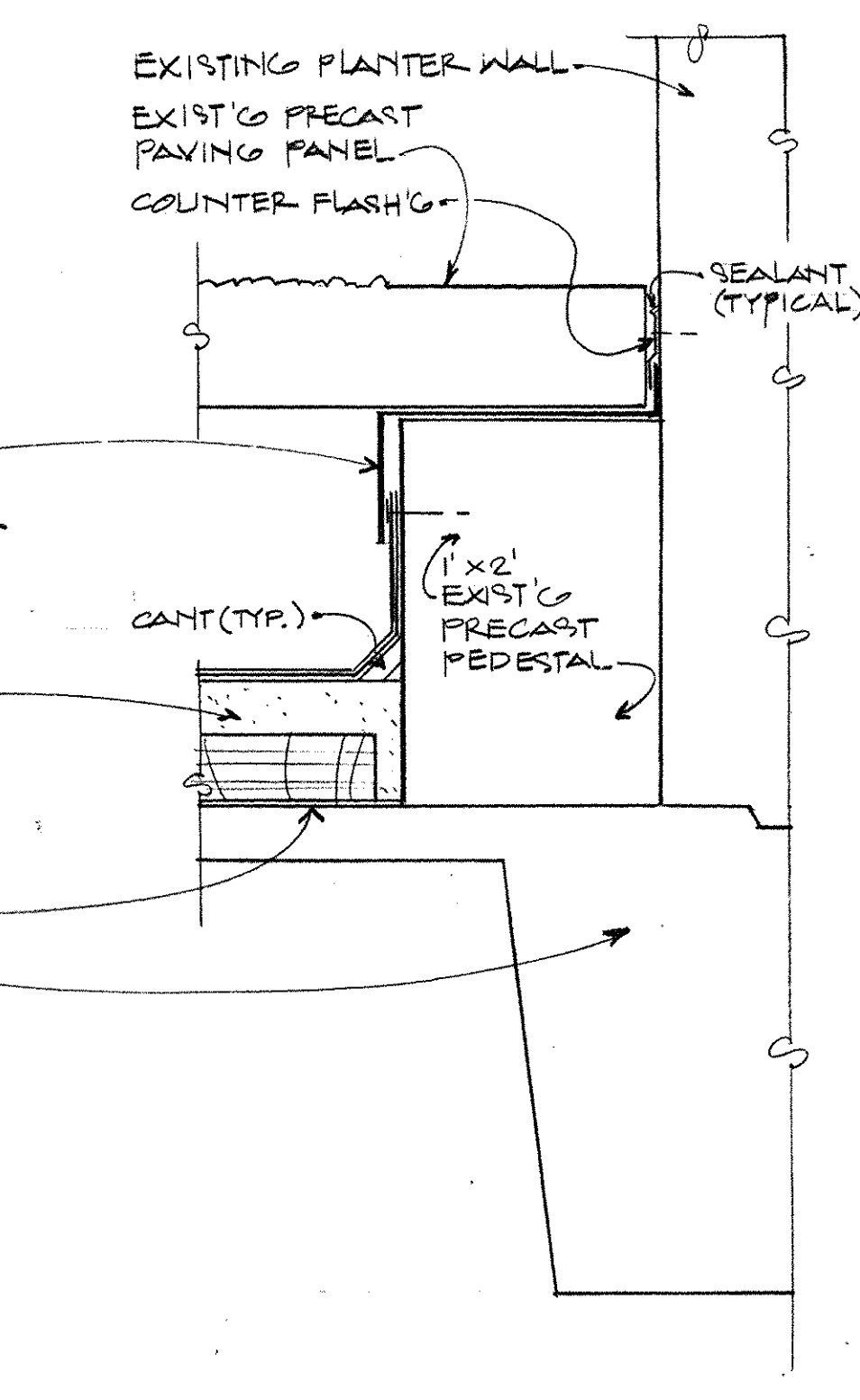
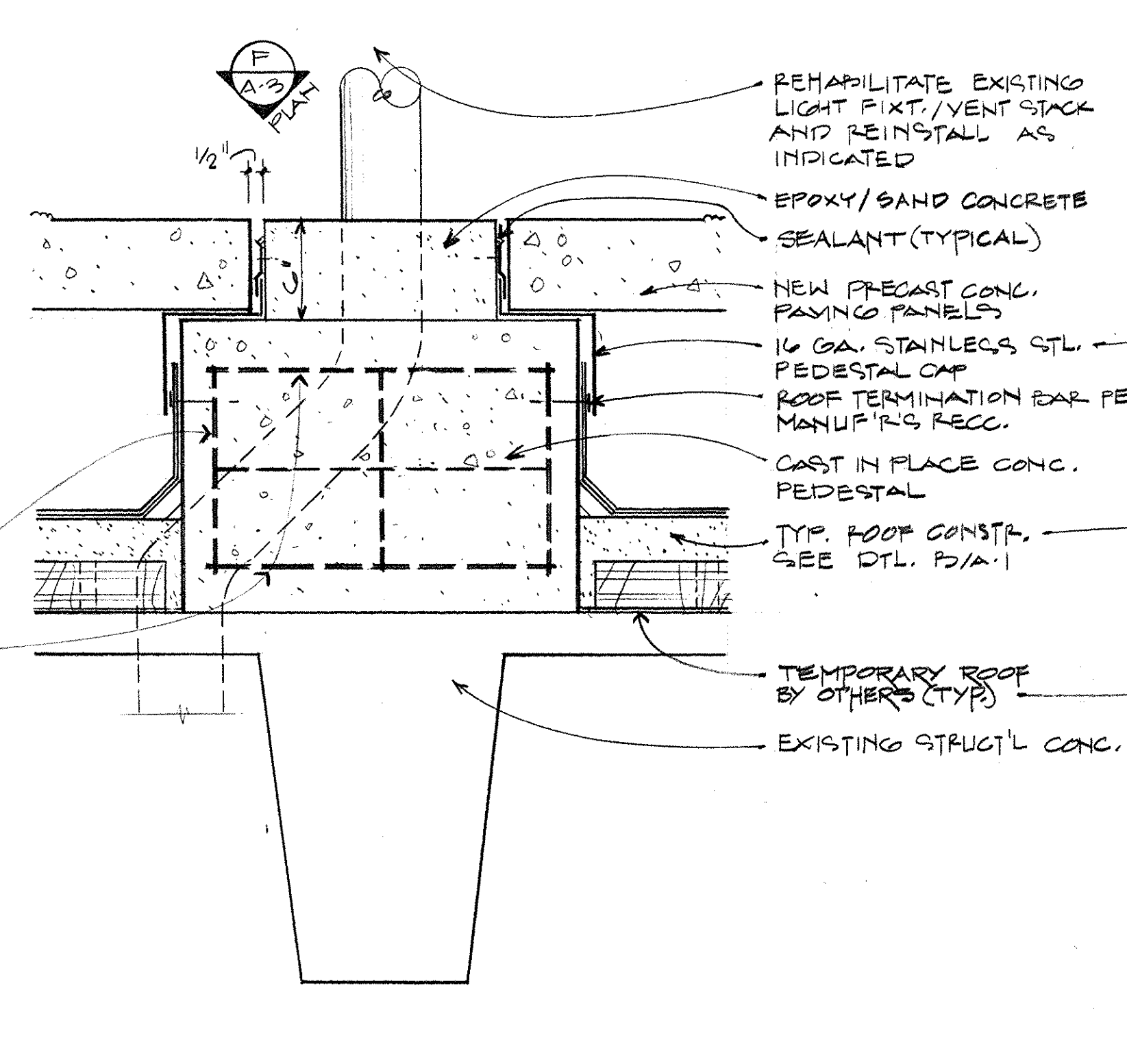
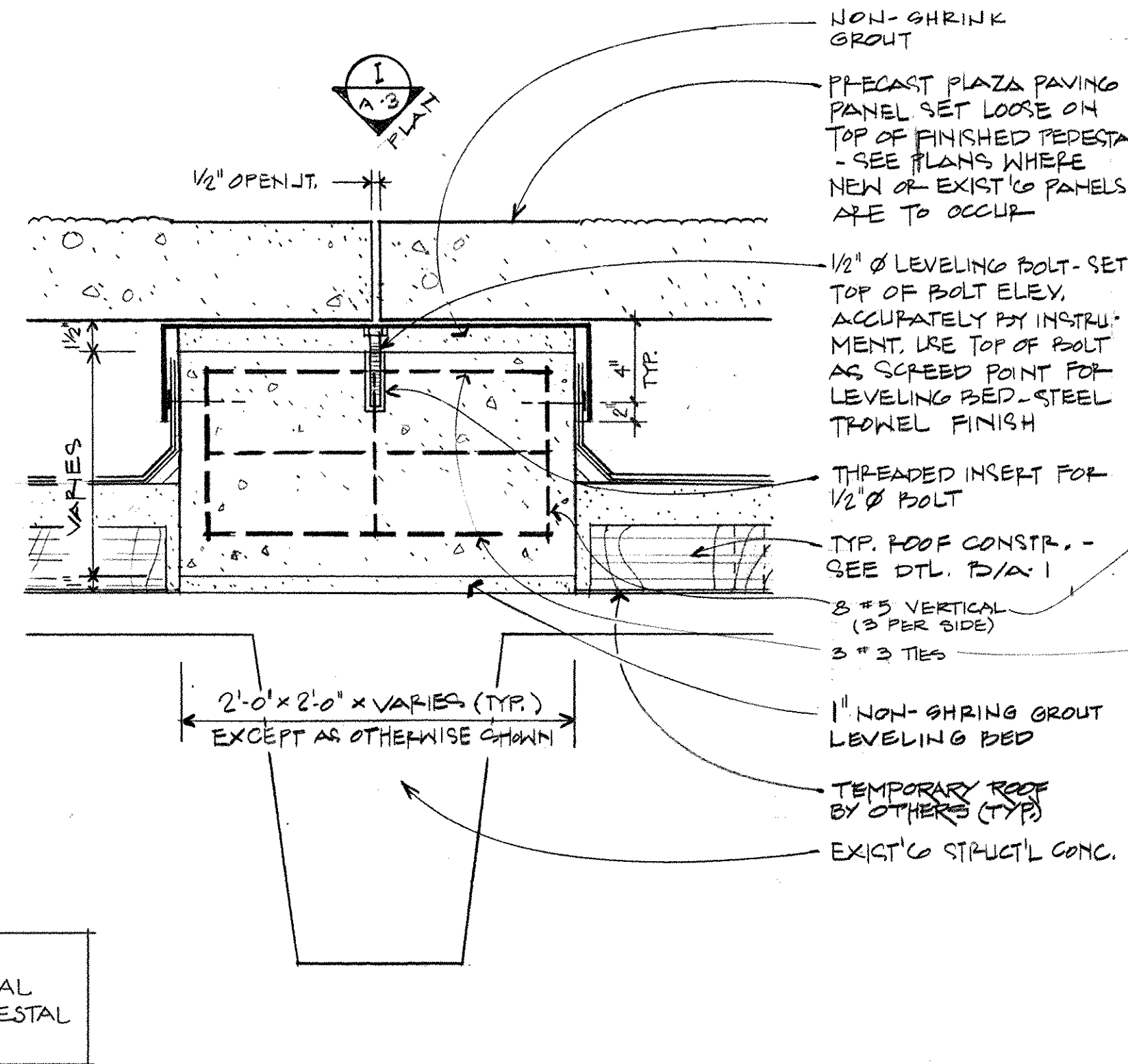
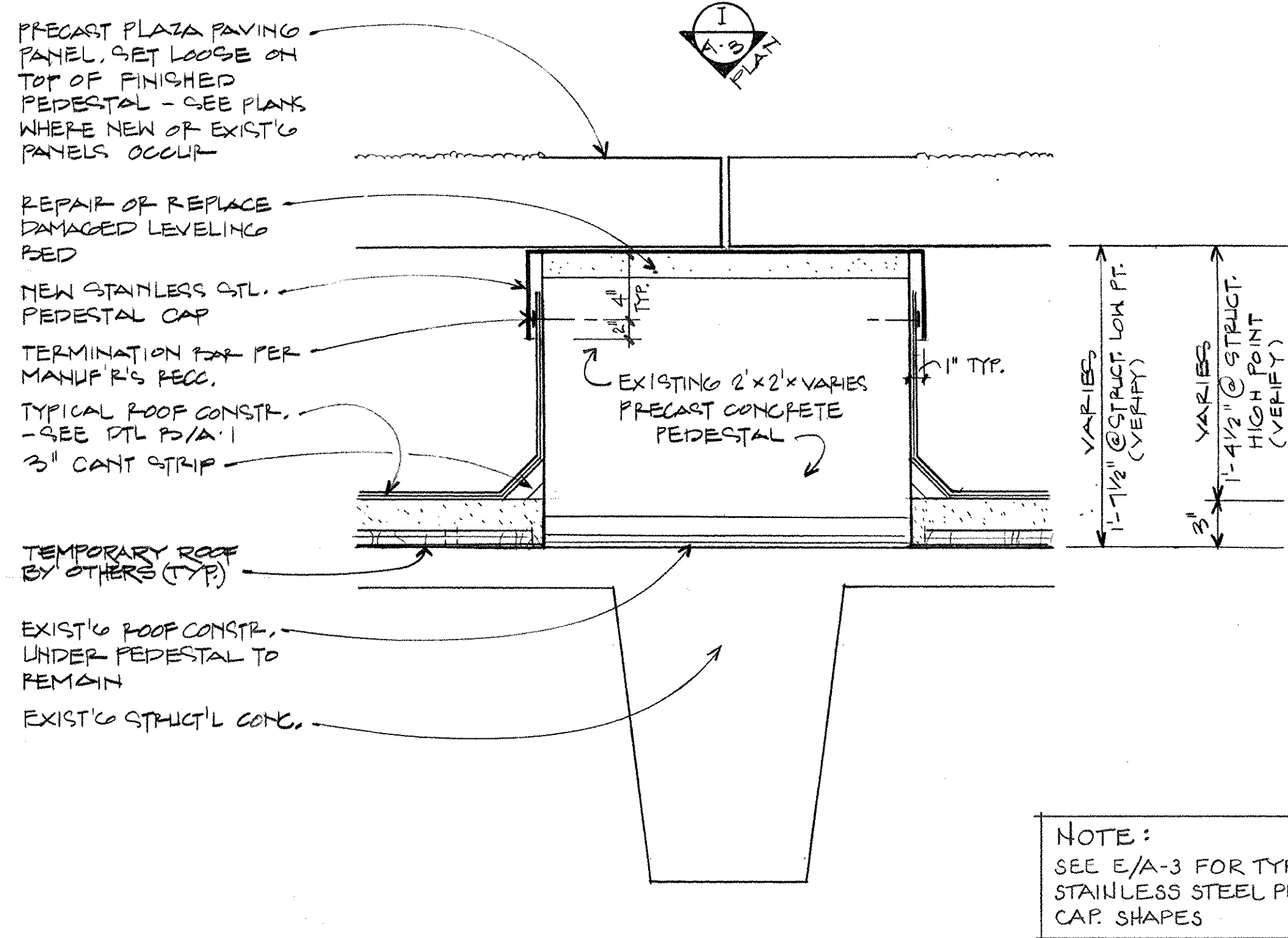
KEY PLAN

REVISIONS		DATE	Capital Plaza Roof Replacement		DRAWING NO.
1			RECORD DRWG. DATE	PARTIAL ROOF PLAN	A-2
2			DRAWN BY	COMMONWEALTH OF KENTUCKY	
3			FINANCE AND ADMINISTRATION CABINET	DEPARTMENT FOR FACILITIES MANAGEMENT	
4			CHECKED BY	DIVISION OF ENGINEERING	
5			ARE FILE NO.	FRANKFORT, KENTUCKY	
6			REAFIF 9016		
7			DATE	ROSS-FELDMAN ARCHITECTURE, INC.	REVIEWED BY/OF ENGR.
8			SEPT. 1991	206 West Main Street, Lexington, Kentucky 40502 606 254-4018	ENG. FILE NO. M-219-35
9			AGENCY AUTHORIZED AGENT	APPROVED FOR PROGRAM CONCEPT ONLY	DATE
			DIVISION OF ENGINEERING	APPROVED FOR PROGRAM CONCEPT ONLY	DATE 12/5/91



CPH-734





NOTE:  
SEE E/A-3 FOR TYPICAL STAINLESS STEEL PEDESTAL CAP SHAPES

EXISTING PRECAST PEDESTAL DETAIL (TYP.)

SCALE: 1/2" = 1'-0"

A  
A-3

NEW PRECAST PEDESTAL DETAIL (TYP.)

SCALE: 1/2" = 1'-0"

B  
A-3

PEDESTAL @ LIGHT FIXT./VENT STACK

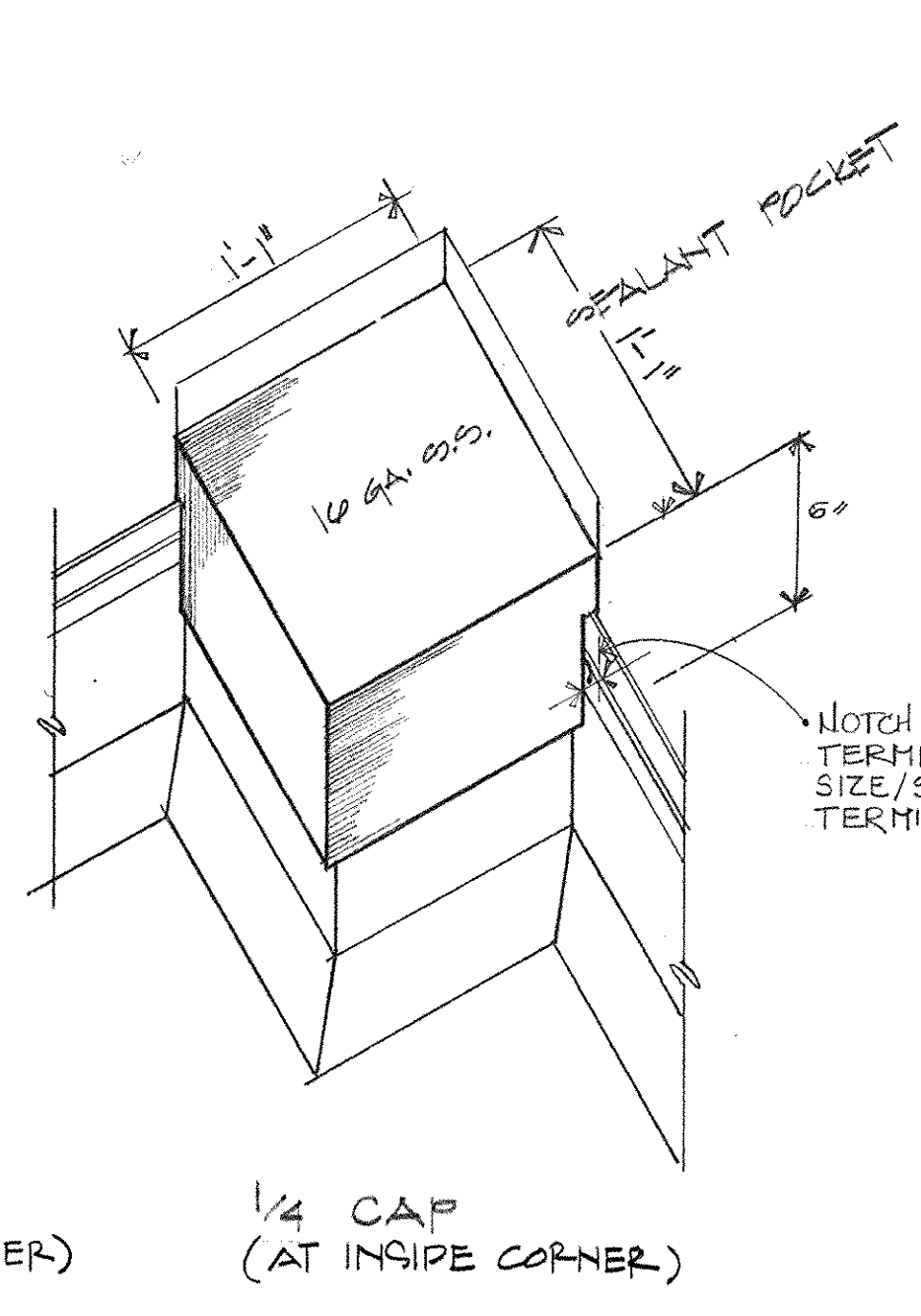
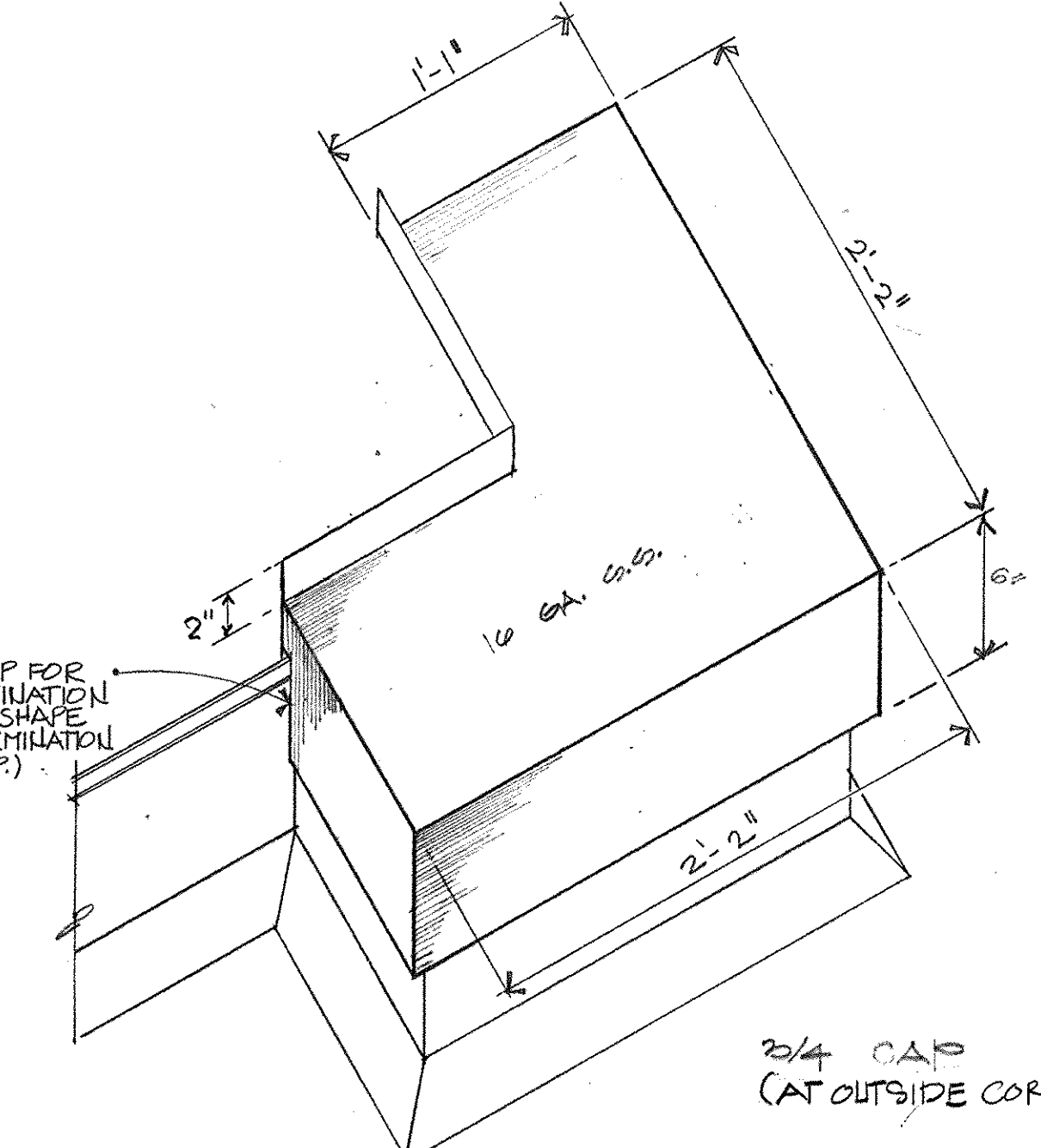
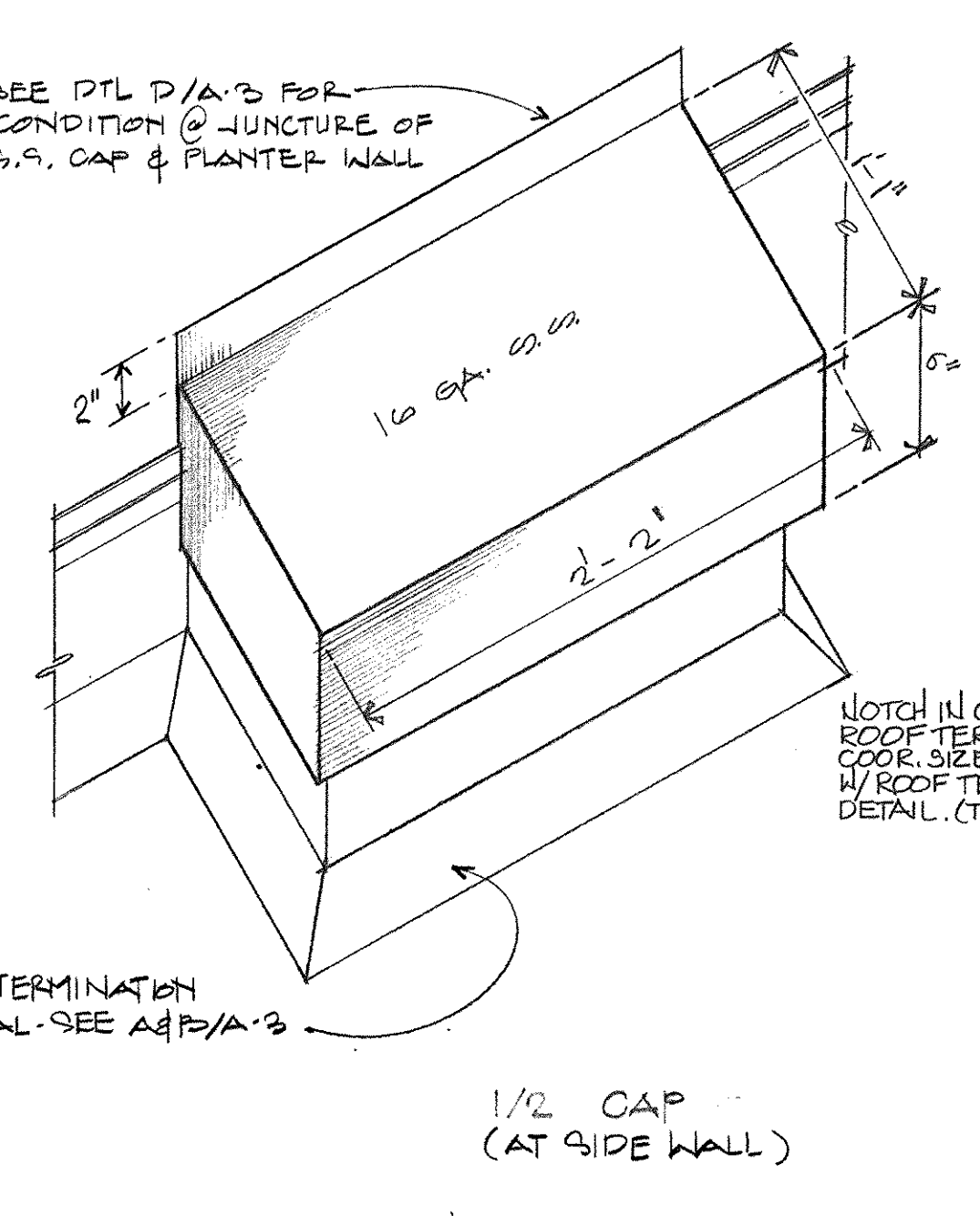
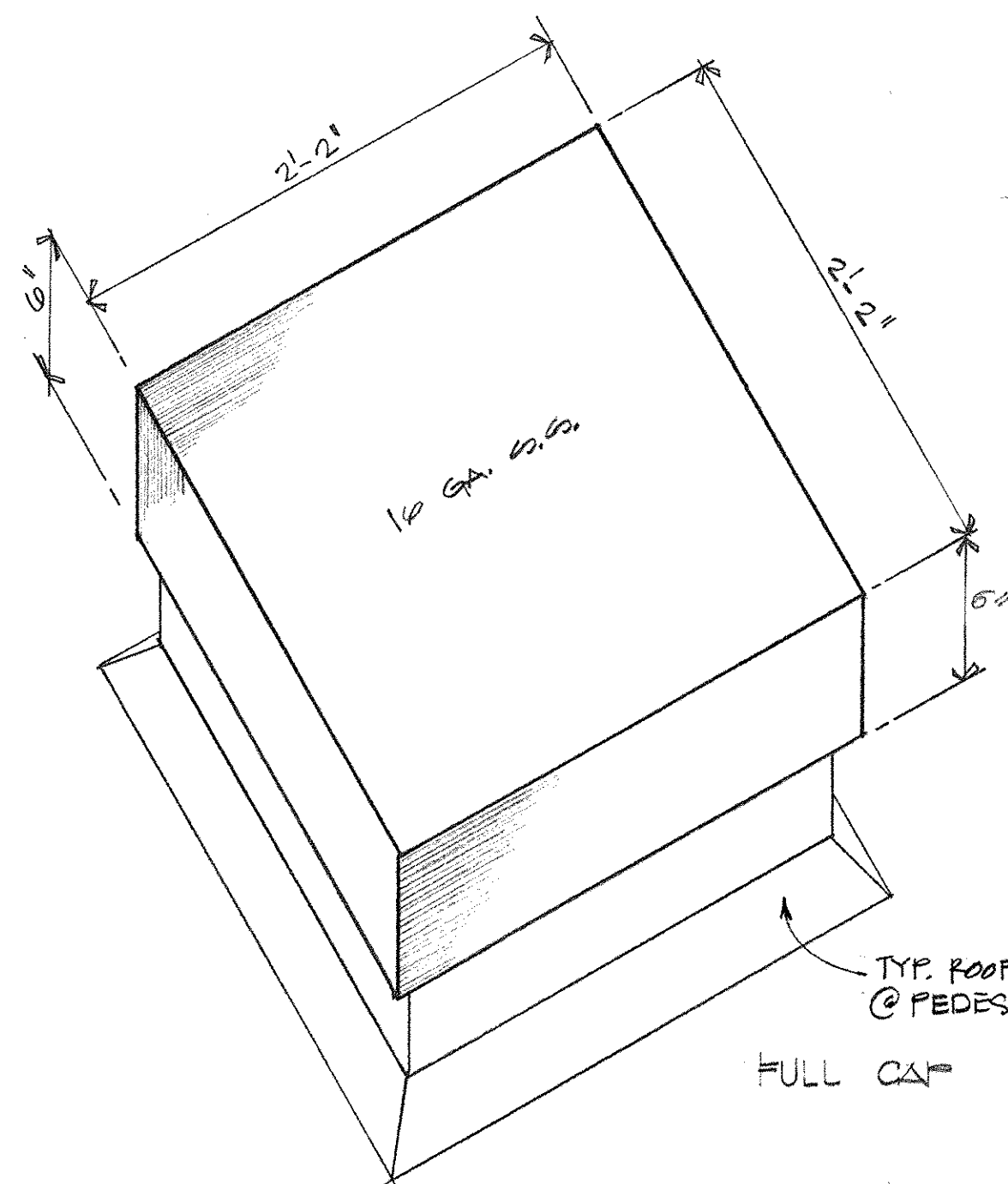
SCALE: 1/2" = 1'-0"

C  
A-3

TYPICAL PEDESTAL @ PLANTER WALL

SCALE: 1/2" = 1'-0"

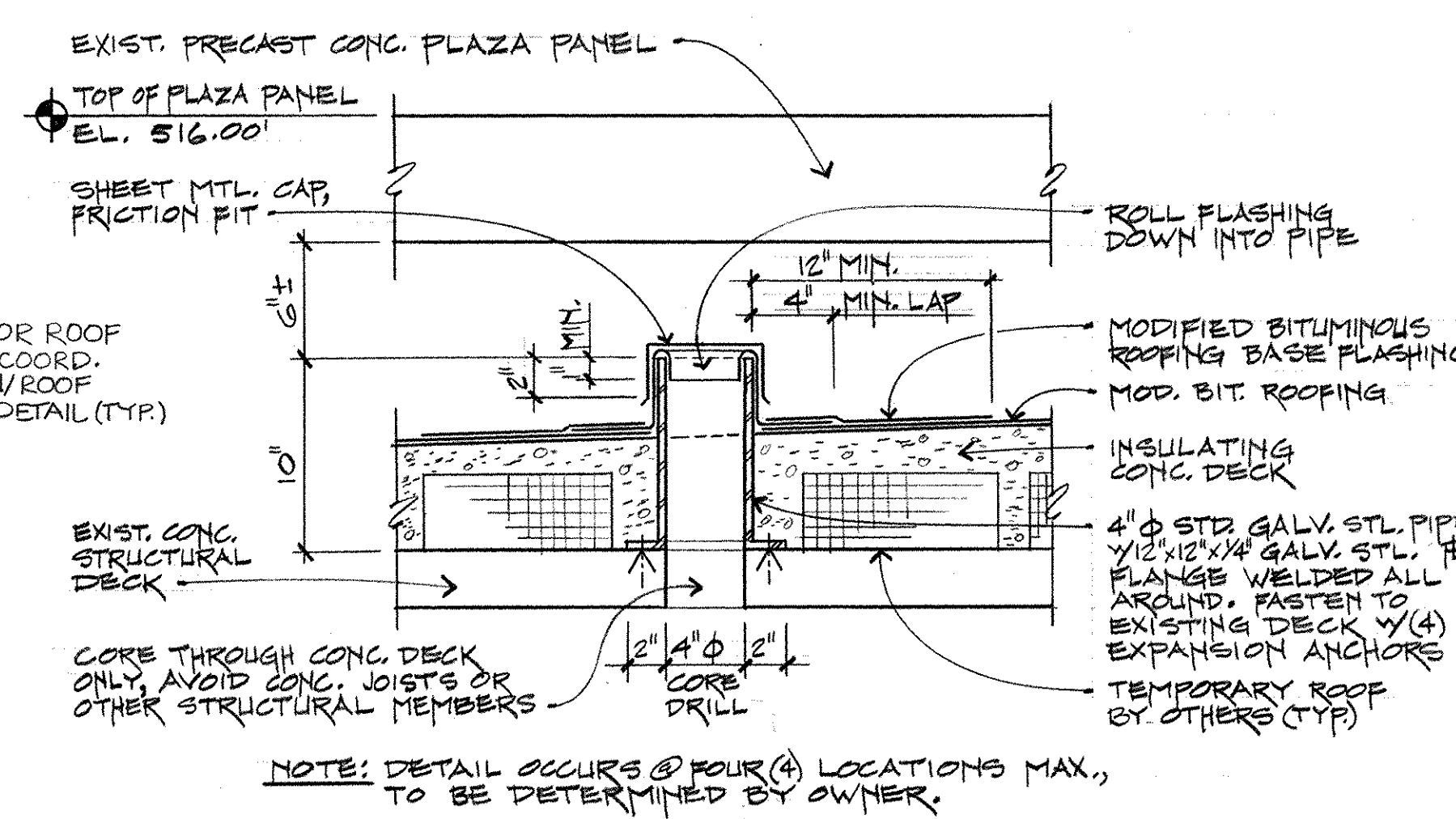
D  
A-3



TYPICAL STAINLESS STEEL CAP DETAILS

SCALE: 1/2" = 1'-0"

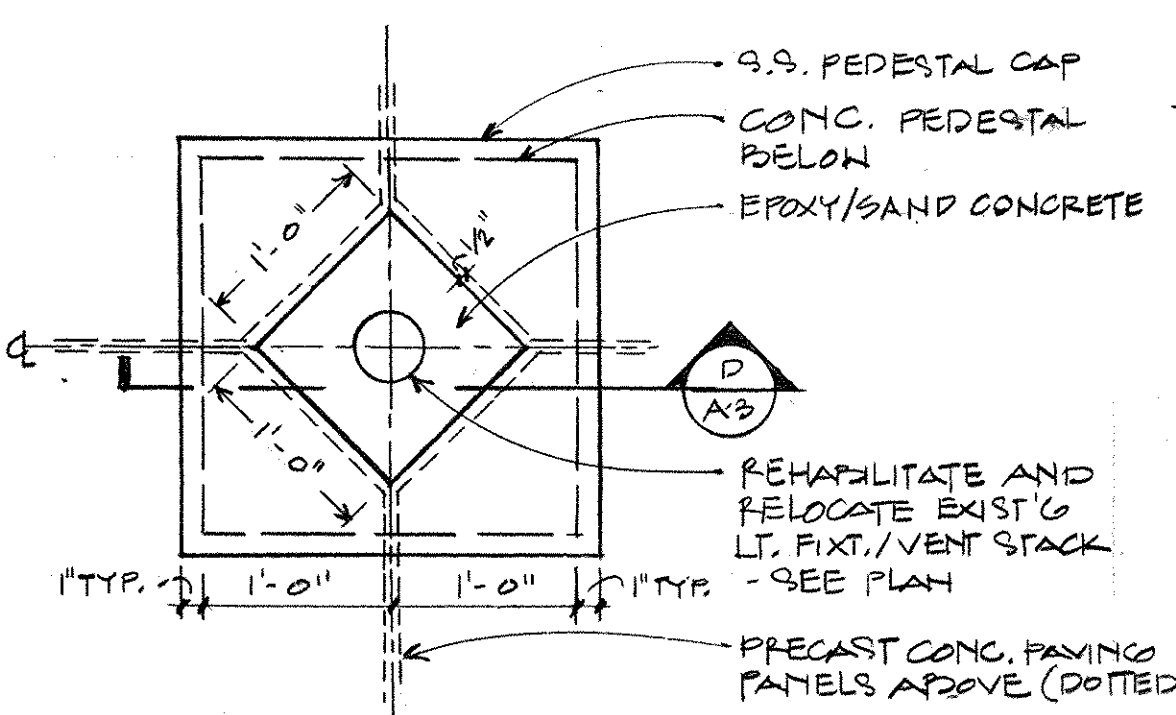
NOTE: TYPICAL CONDITIONS SHOWN HERE - VERIFY SPECIAL CONDITIONS @ EXP. JNTS., ETC.



SLEEVE FOR FUTURE ELECTRICAL CONDUIT

SCALE: 1/2" = 1'-0"

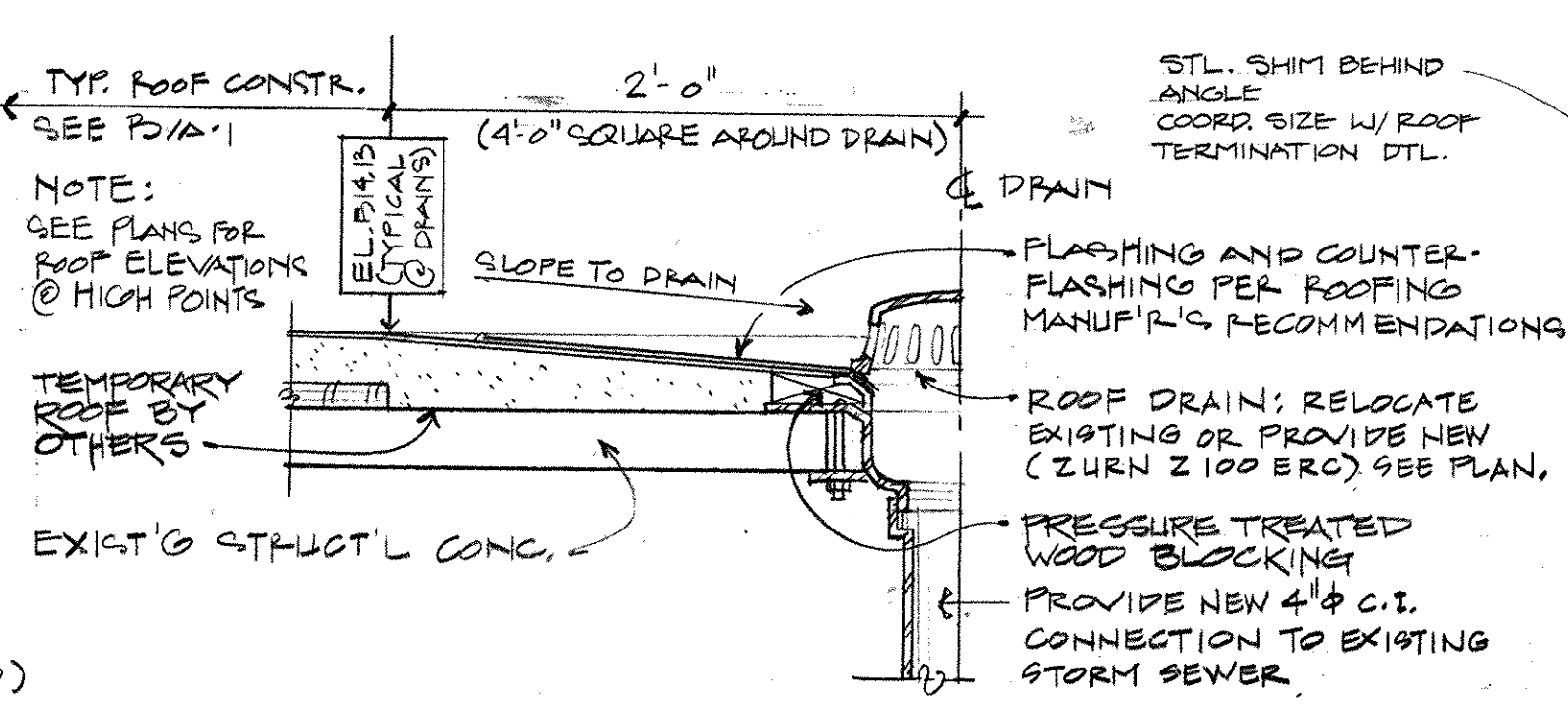
J  
A-3



LIGHT FIXTURE/VENT STACK PEDESTAL PLAN

SCALE: 1" = 1'-0"

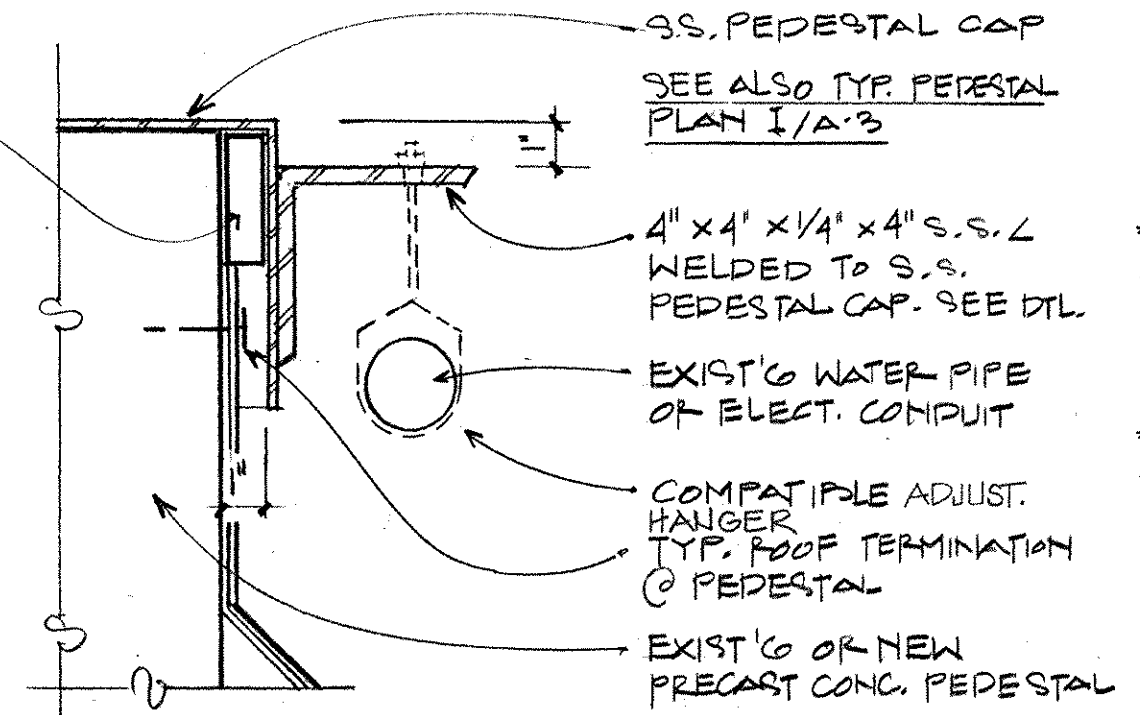
F  
A-3



ROOF DRAIN DETAIL

SCALE: 1/2" = 1'-0"

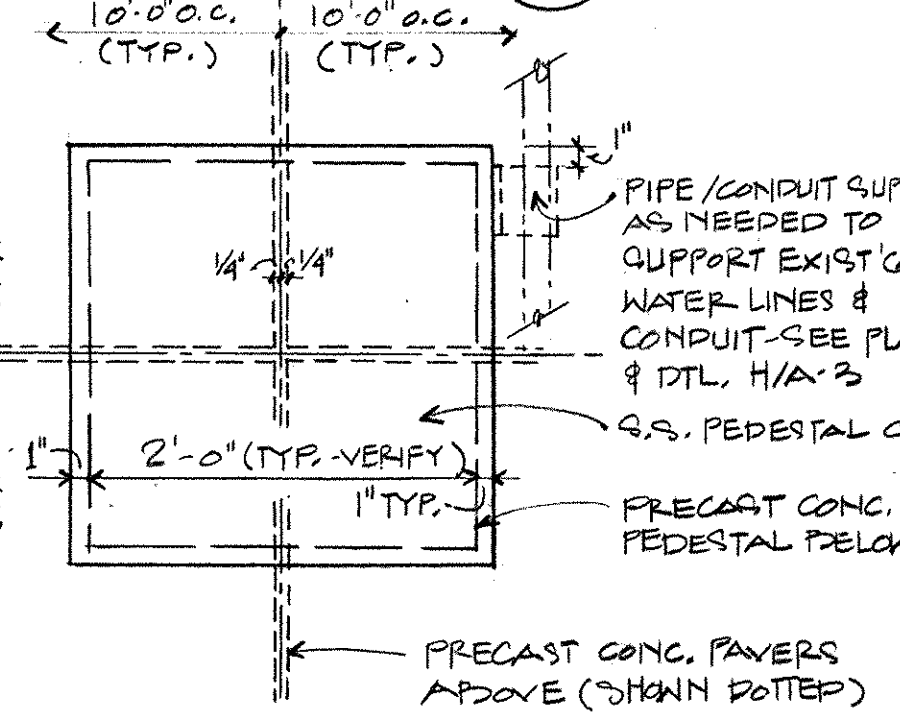
G  
A-3



TYP. PIPE/CONDUIT SUPPORT

SCALE: 3/4" = 1'-0"

H  
A-3



TYP. PEDESTAL PLAN

SCALE: 1" = 1'-0"

I  
A-3

REVISIONS		DATE	Capital Plaza Roof Replacement		DRAWING NO.
1			DETAILS		A-3
2			COMMONWEALTH OF KENTUCKY FINANCE AND ADMINISTRATION CABINET DEPARTMENT FOR FACILITIES MANAGEMENT DIVISION OF ENGINEERING FRANKFORT, KENTUCKY		
3			DRAWN BY: MEM, PNP, JR.		
4			CHECKED BY: JRW		
5			ARE FILE NO. RFAI 9010		
6			DATE: SEPT, 1991		
7			ROSS • FELDMAN ARCHITECTURE, INC. 206 West Main Street, Lexington, Kentucky 40507 502-254-4018		
8			AGENCY AUTHORIZED AGENT		
9			APPROVED FOR PROGRAM CONCEPT ONLY		

