

PROJECT DRAWINGS

FOR THE GENERAL CONSTRUCTION OF THE

NORTHWEST DISTRICT COURT

WABASH AVENUE BALTIMORE, MARYLAND DGS PROJECT NO. BC-000-751-001

DEPARTMENT OF GENERAL SERVICES
J. MAX MILLSTONE SECRETARY

BOARD OF PUBLIC WORKS
HARRY HUGHES GOVERNOR
LOUIS J. GOLDSTEIN COMPTROLLER
WILLIAM S. JAMES TREASURER

BROWNE, WORRALL & JOHNSON/ARCHITECTS
GUTWEIN-GUENTHER PROFESSIONAL ASSOCIATION
A JOINT VENTURE

GEORGE EVANS & ASSOCIATES, INC.
STRUCTURAL ENGINEERS

DAFT-McCUNE-WALKER, INC.
CIVIL ENGINEERS

MOORE/LEWIS, INC.
MECHANICAL/ELECTRICAL ENGINEERS

ABBREVIATIONS

Table of abbreviations with columns for symbol, description, and symbol. Includes entries like 'AC Acoustical Ceiling', 'ADJ Adjustable', 'AFR Above Finish Floor', etc.

SYMBOLS LEGEND

Table of symbols legend with columns for symbol, description, and symbol. Includes entries like 'FILL', 'GRAVEL', 'CONCRETE', 'BRICK', etc.

DRAWINGS INDEX

Table of drawings index with columns for drawing number, title, and drawing number. Includes entries like 'C-1 Cover Sheet', 'CIVIL', 'ARCHITECTURAL', etc.

ABBREVIATIONS

Table of abbreviations with columns for symbol, description, and symbol. Includes entries like 'FAB Fabricated', 'FD Floor Drain', 'FE Fire Extinguisher', etc.

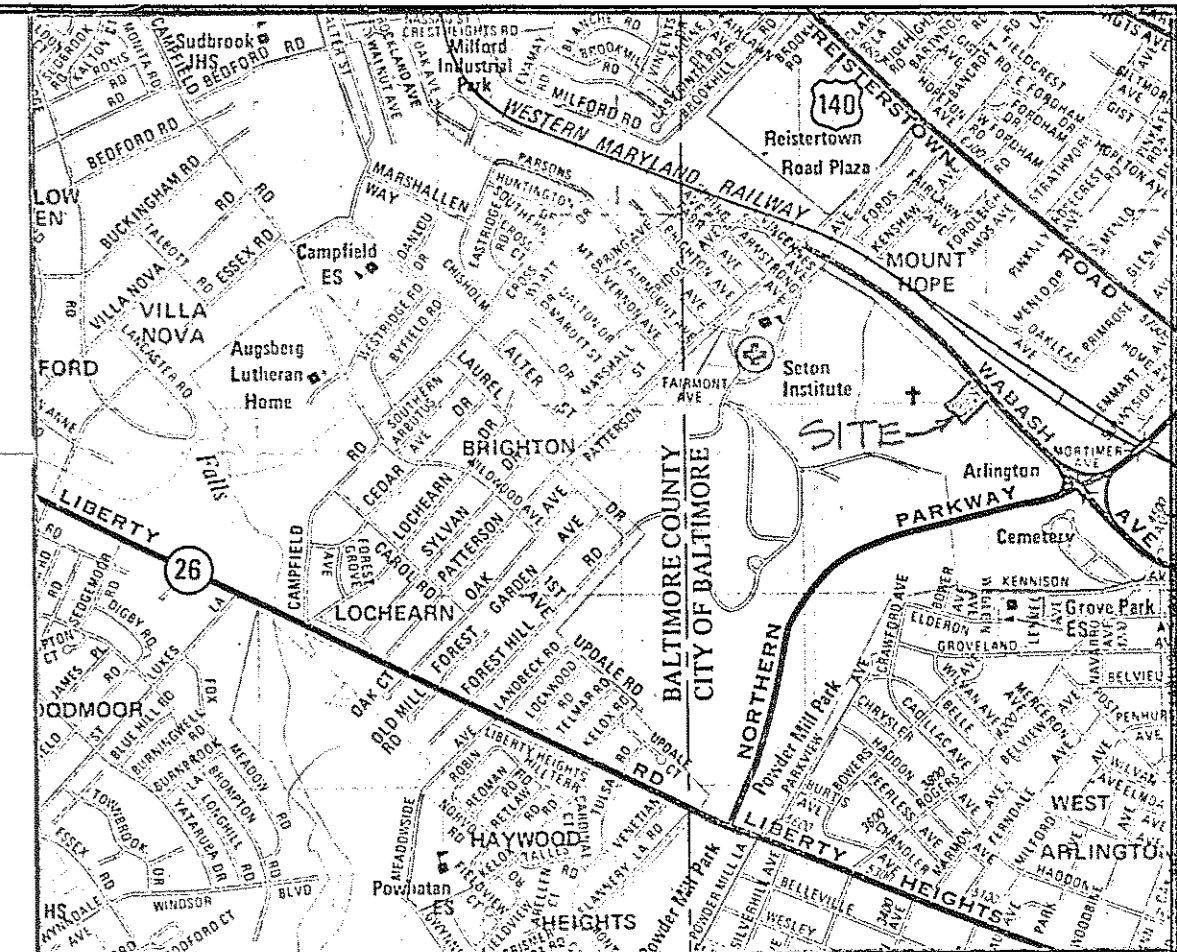
SYMBOLS LEGEND

Table of symbols legend with columns for symbol, description, and symbol. Includes entries like 'PERF Perforated', 'PL Plate, Plastic', 'PM Plaster', etc.

DRAWINGS INDEX

Table of drawings index with columns for drawing number, title, and drawing number. Includes entries like 'P-1 Plumbing - Basement Floor Plan', 'MECHANICAL', 'ELECTRICAL', etc.

Project information block containing: Project Name (Northwest District Court), Address (Wabash Avenue, Baltimore, Maryland), Drawing No. (C1), Date (3-28-83), and logos for the engineering firms and the Department of General Services.



VICINITY MAP  
= 2000 FT. ±

**LEGEND**

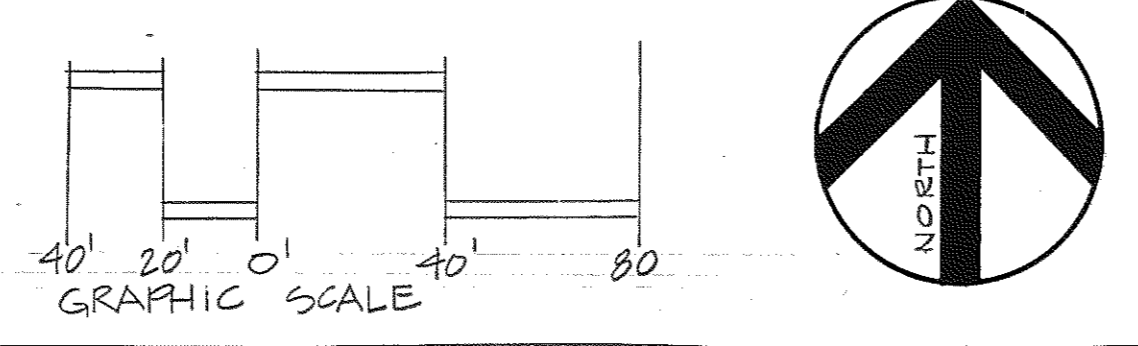
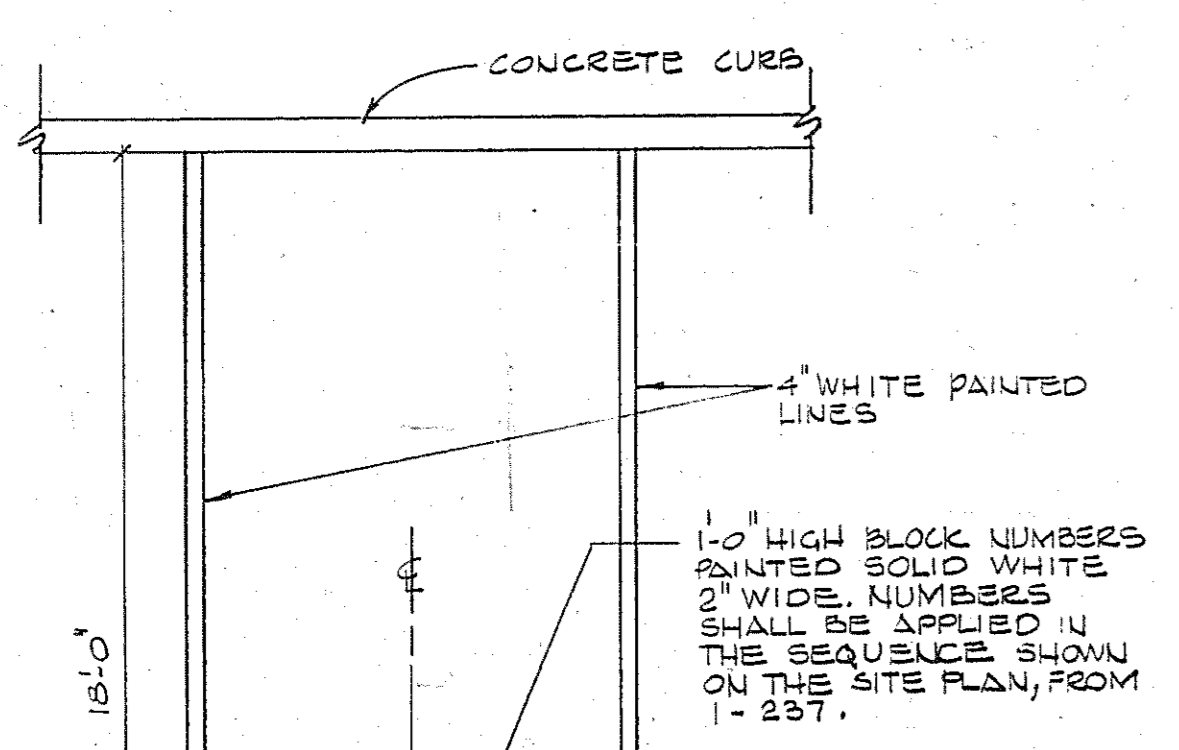
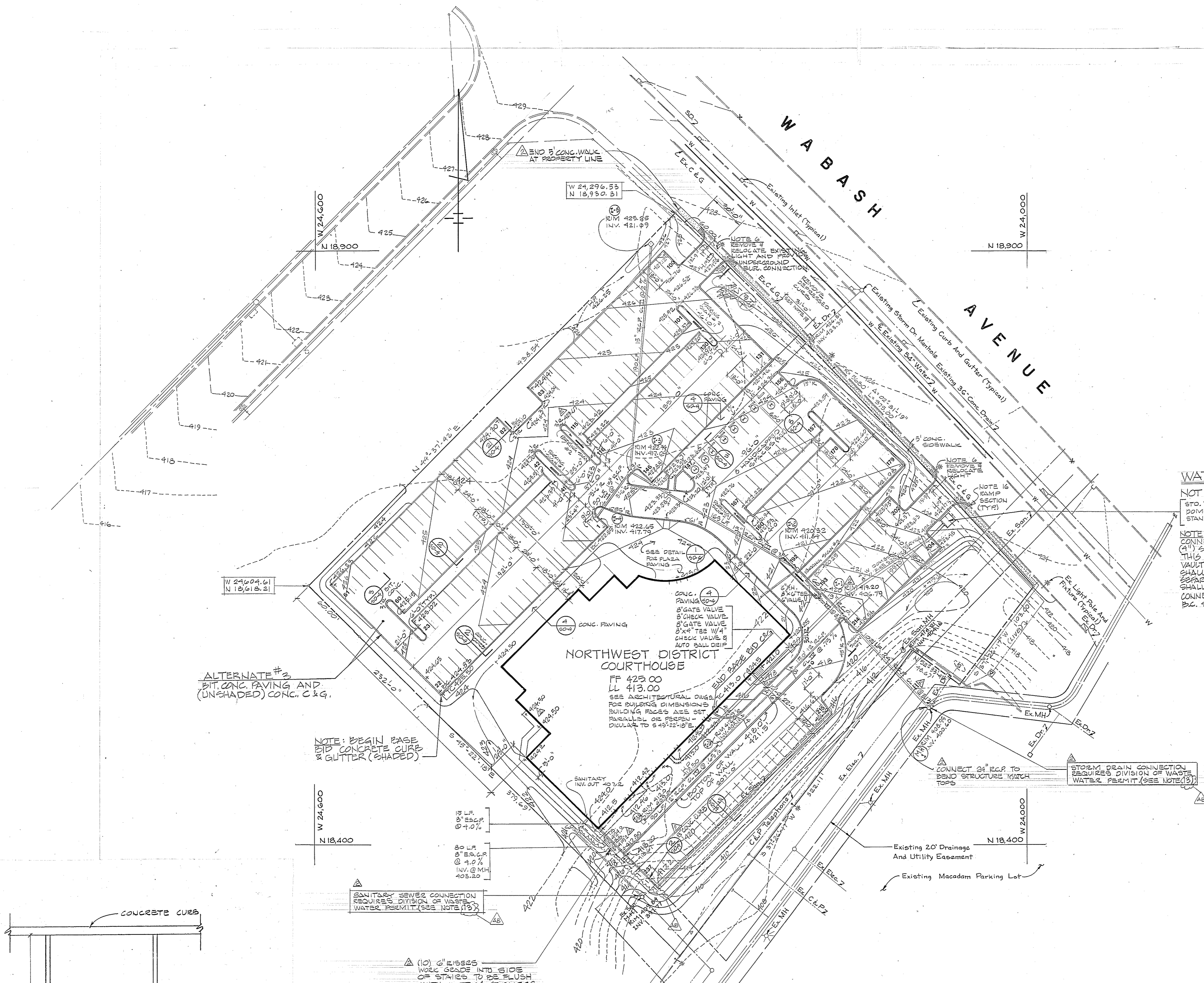
	EXISTING CONTOUR
	SPOT ELEVATION
	CENTERLINE OF SIDEWALK
	BUILDING ENTRY POINTS
	PROPOSED HANDICAPPED PARKING SPACES
	PROPOSED STORM DRAIN
	PROPOSED SANITARY SEWER

- GENERAL NOTES**
- DIMENSIONS ARE TO FACE OF CURB.
  - PARKING STALL - 18'x9' UNLESS NOTED OTHERWISE.
  - PARKING STALL DELINEATIONS SHALL BE PAINTED WHITE (SEE SPEC) TOTAL PARKING = 237.
  - STORM DRAIN INLETS ARE TYPE "6" B.C. STD. D-216 UNLESS OTHERWISE NOTED.
  - THE CONTRACTOR SHALL NOTIFY MDS UTILITY AT LEAST 3 WORKING DAYS PRIOR TO BEGINNING ANY DEMOLITION OR CONSTRUCTION. PHONE (410) 955-9100.
  - CONTRACTOR SHALL NOTIFY BALTIMORE CITY LIGHT/CONDUIT SECTION AT LEAST 72 HOURS PRIOR TO BEGINNING ANY DEMOLITION OR CONSTRUCTION WITHIN THE PUBLIC ROW. PHONE (410) 955-0044. ALL WORK AT CONTRACTOR'S COST.
  - CONTRACTOR SHALL VERIFY LOCATIONS OF ALL EXISTING UTILITIES BEFORE BEGINNING ANY WORK. EXISTING UTILITY LOCATIONS ARE APPROXIMATED.
  - ALL CONSTRUCTION SHALL BE DONE IN ACCORDANCE WITH BALTIMORE CITY STANDARDS & SPECIFICATIONS.
  - ALL AREAS NOT DESIGNATED TO BE PAVED ARE TO BE SEEDED, SOGGED OR PLANTED AS SHOWN.
  - THE CONTRACTOR IS RESPONSIBLE FOR COSTS INCURRED TO ADJUST EXISTING & PROPOSED UTILITIES & APPURTENANCES TO FINISHED GRADES WITHIN THE LIMITS OF CONTRACT TO INCLUDE SEWERMANS, SIDEWALKS & LIGHTING.
  - ALL EXISTING UTILITIES ARE TO REMAIN EXCEPT WHERE NOTED OTHERWISE. THE CONTRACTOR SHALL PROTECT AS REQUIRED ALL UTILITIES EITHER WITHIN OR ADJACENT TO THE CONSTRUCTION SITE.
  - CONTRACTOR IS RESPONSIBLE FOR ALL PERMITS & FEES ASSOCIATED WITH HIS WORK.
  - ALL SANITARY HOUSE CONNECTIONS, EXTENSIONS & ALL DRAIN CONNECTIONS, EXTENSIONS REQUIRE A DIVISION OF WASTE WATER PERMIT, PHASE 2, 2012-11-14.
  - ALL SANITARY & DRAIN CLEAN OUTS IN PAVED AREAS ARE TO BE FLUSH TYPE, FLUSH WITH THE TOP OF PAVING.
  - WHERE PROPOSED CURB IS TO BE REMOVED CONCRETE IS TO BE REMOVED TO THE NEAREST JOINT IN STANDARD BALTIMORE CITY "B" CURB & GUTTER, P.C. 020-11.
  - BALTIMORE CITY TYPICAL PEDESTRIAN RAMP SECTION AT DRIVES SHALL BE USED WHERE SIDEWALK CROSSES DRIVES. 20-029-23.

**ALTERNATE #2: LANDSCAPING**  
ADD PLANT MATERIALS SPECIFIED UNDER SECTION 02480 AND INDICATED ON DRAWING NO. BC-7510, SD-3. BASE BID SHALL INCLUDE TOPSOIL, FERTILIZER, SEED AND MULCHING OF ALL PLANTING AREAS INDICATED ON SD-3.

**ALTERNATE #3: PARKING AREA PAVING**  
ADD ALL BITUMINOUS CONCRETE PAVING SPECIFIED UNDER SECTION 02513 AND ALL CONCRETE CURB & GUTTER EXCEPT AS INDICATED TO REMAIN IN BASE BID. SHALLOU INCLUDE IN BASE BID: EARTHWORK AND STONE PAVING BASE, COMPLETE AND IN ACCORDANCE WITH SPECIFICATIONS.

**NOTE:**  
SEE (3) (4) (5) (6) (7) FOR SIGN DETAILS



**WATER**  
NOT IN CONTRACT  
STO. VAULT AND 6" P.M. 2" DOMESTIC METERS - SEE STANDARD NUMBER BC 840.19.  
NOTE - CONTRACTOR SHALL CONNECT FIRE (3") AND DOMESTIC (1") SERVICES TO METERS UNDER THIS CONTRACT. WATER METERS, VAULT CONNECTION TO MAIN EXTENSION SHALL BE BY OTHERS UNDER A SEPARATE CONTRACT. CONTRACTOR SHALL MAINTAIN 6" OF COVER AT CONNECTION TO VAULT AS PER B.C. STD. 840.19.

ALTERNATE #2  
BIT. CONC. PAVING AND (UNSHADED) CONC. C & G.

NOTE: BEGIN BASE BID CONCRETE CURB & GUTTER (SHADED)

SANITARY SEWER CONNECTION REQUIRES DIVISION OF WASTE WATER PERMIT (SEE NOTE 15)

CONNECT 24" COP TO EXIST. STRUCTURE MATCH TOP

STORM DRAIN CONNECTION REQUIRES DIVISION OF WASTE WATER PERMIT (SEE NOTE 15)

(10) 6" SSES INTO SIDE OF STAIRS TO BE FLUSH WITH BOTTOM OF RISERS

Browne, Worrall & Johnson/Gutwein-Guenther Professional Association  
2435 North Calvert Street  
Baltimore, Maryland 21218

Daft-McCune-Walker, Inc. George Evans & Associates, Inc. Moore/Lewis Inc.  
530 EAST JOPPA ROAD TOWSON, MARYLAND 21284  
130 WEST HAMILTON STREET BALTIMORE, MARYLAND 21201  
2435 NORTH CALVERT STREET BALTIMORE, MARYLAND 21218

USING AGENCY APPROVAL  
Robert B. Jurek  
ADMINISTRATOR, MDC 3/12/23

DEPARTMENT OF GENERAL SERVICES  
PROJECT ADMINISTRATOR  
DATE 3/31/23

**REVISIONS**

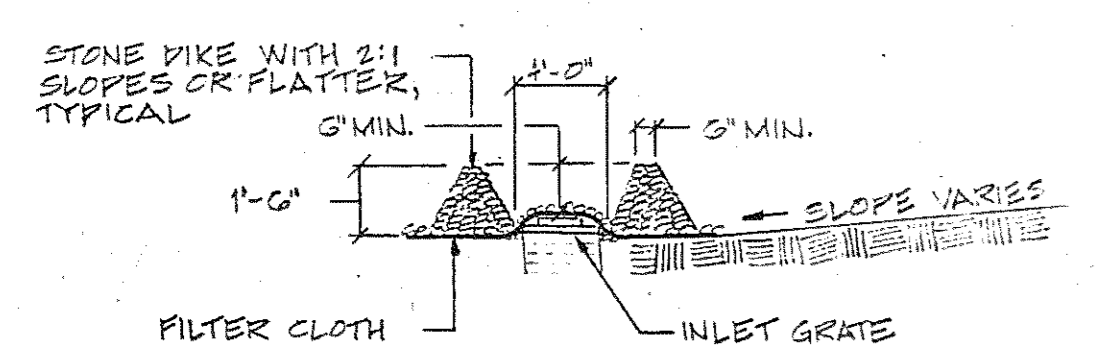
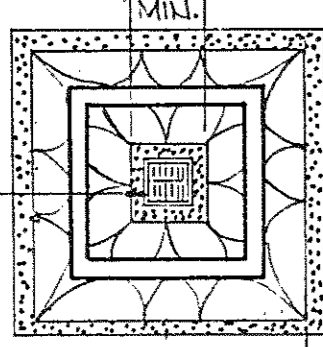
REVISED ENTRANCE LOCATION	2-28-22
REVISED SANITARY STUB OUT	6-1-22
REVISION # 1	2-20-23
REVISION # 2 SEWERS, NOTES	2-1-23
AS BUILT REVISIONS	2-1-23

Northwest District Court  
Wabash Avenue  
Baltimore, Maryland

DRAWING NO.  
BC-000-751-001  
**SD-1**  
BWW/GGA 8104  
DATE: 20 JAN 1923

**CONSTRUCTION SPECIFICATIONS**

1. STONE FOR THE DIKE SHALL BE CRUSHED STONE. GRAVEL MAY BE USED IF CRUSHED STONE IS NOT AVAILABLE. THE STONE SHALL MEET MSHA SIZE NO. 2 OR EQUIVALENT DESIGNATION. MASH SIZE NO. 2 OR 24 CRUSHER RUN IS NOT ACCEPTABLE.
2. FILTER CLOTH SHALL BE MESH-FILTER X OR APPROVED EQUAL.
3. THE STRUCTURE SHALL BE INSPECTED AFTER EACH RAIN AND REPAIRS MADE AS NEEDED.



**SECTION**

INLET PROTECTION FOR A SUMP CONDITION

**PERMANENT SEEDING NOTES**

Do not install materials under the following conditions without prior written approval:

1. Seed: Between May 1 and August 1 or October 31 and February 28.
2. Sod: June 1 and September 1.

All disturbed areas shall be stabilized as follows:

**Seeded Preparation:** Loosen upper 3 inches of soil by raking, discing, or other acceptable means before seeding.

**Soil Amendments -** Apply ground limestone at rate of 100 lbs./1,000 sq. ft. and 25 lbs./1,000 sq. ft. 5-10-10 commercial fertilizer, 3 lbs./1,000 sq. ft. 38-0-0 ureaform fertilizer. One-half of limestone and fertilizer shall be

**Seeding:** Apply at rate of 130 lbs. per acre.

- 30% Adelphi Kentucky Bluegrass
- 30% Merion Bluegrass
- 20% South Dakota Bluegrass
- 20% Certified Pennlawn

**Sodding:** Composition:  
 10% - 35% Adelphi Kentucky Bluegrass  
 10% - 35% Merion Bluegrass  
 10% - 35% South Dakota Bluegrass  
 20% Certified Pennlawn

**Mulching:** Apply 1 1/2 to 2 tons per acre (70 to 90 lbs./1,000 sq. ft.) of unrotted small grain straw immediately after seeding. Anchor mulch immediately after application using 200 gallons per acre (5 gallons/1,000 sq. ft.) of emulsified asphalt on flat areas. On slopes 8 feet or higher, use 348 gallons per acre (8 gallons/1,000 sq. ft.) for anchoring.

**Maintenance:** Inspect all seeded areas and make needed repairs, replacements, and reseedings.

**SEQUENCE OF OPERATIONS**

**ACTION**

1. The Contractor shall notify State Water Resources Administration Enforcement (301) 269-3551, at least five (5) working days prior to starting any work.
2. Clear and grub site for sediment control measures only.
3. Grade for sediment control measures only.
4. Install and stabilize all sediment control measures.
5. Clear and grub remaining areas of site as noted on plan.
6. Rough grade.
7. Begin building construction.
8. Install curbs, utilities and remaining storm drains.
9. Set final top of inlets, manholes and handboxes.
10. Install sidewalks and other paving.
11. Finish grading, sodding, planting and mulching.
12. Remove sediment control devices after all contributing areas have been stabilized and with the approval of State Water Resources Representative.

**Developer's Certificate**

I certify that all development and/or construction will be done according to the plan or development for Erosion and Sediment Control and I authorize periodic on-site inspection by the Baltimore City Erosion and Sediment Control Section or their authorized agents as deemed necessary. Deviation from the plan will not be made unless authorized by the Baltimore City Erosion and Sediment Control Section.

Owner \_\_\_\_\_ Date \_\_\_\_\_

**Landscape Architect's Certificate**

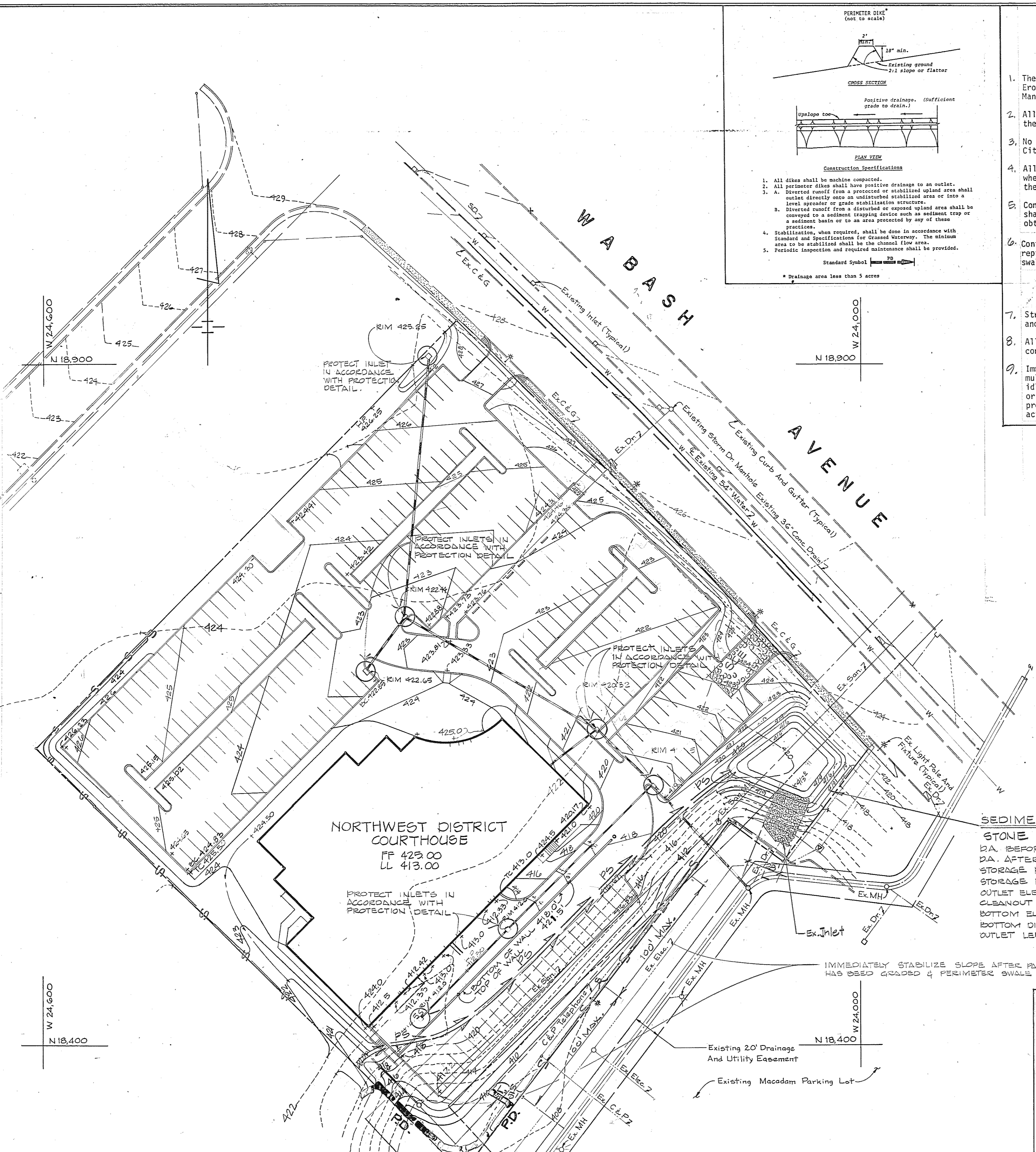
I certify that this plan for Erosion and Sediment Control represents a practical, workable plan based on personal knowledge of the site conditions and that it was prepared in accordance with the requirements of the Baltimore City Erosion and Sediment Control Section.

Signature Richard A. Evans Date March 25, 1993

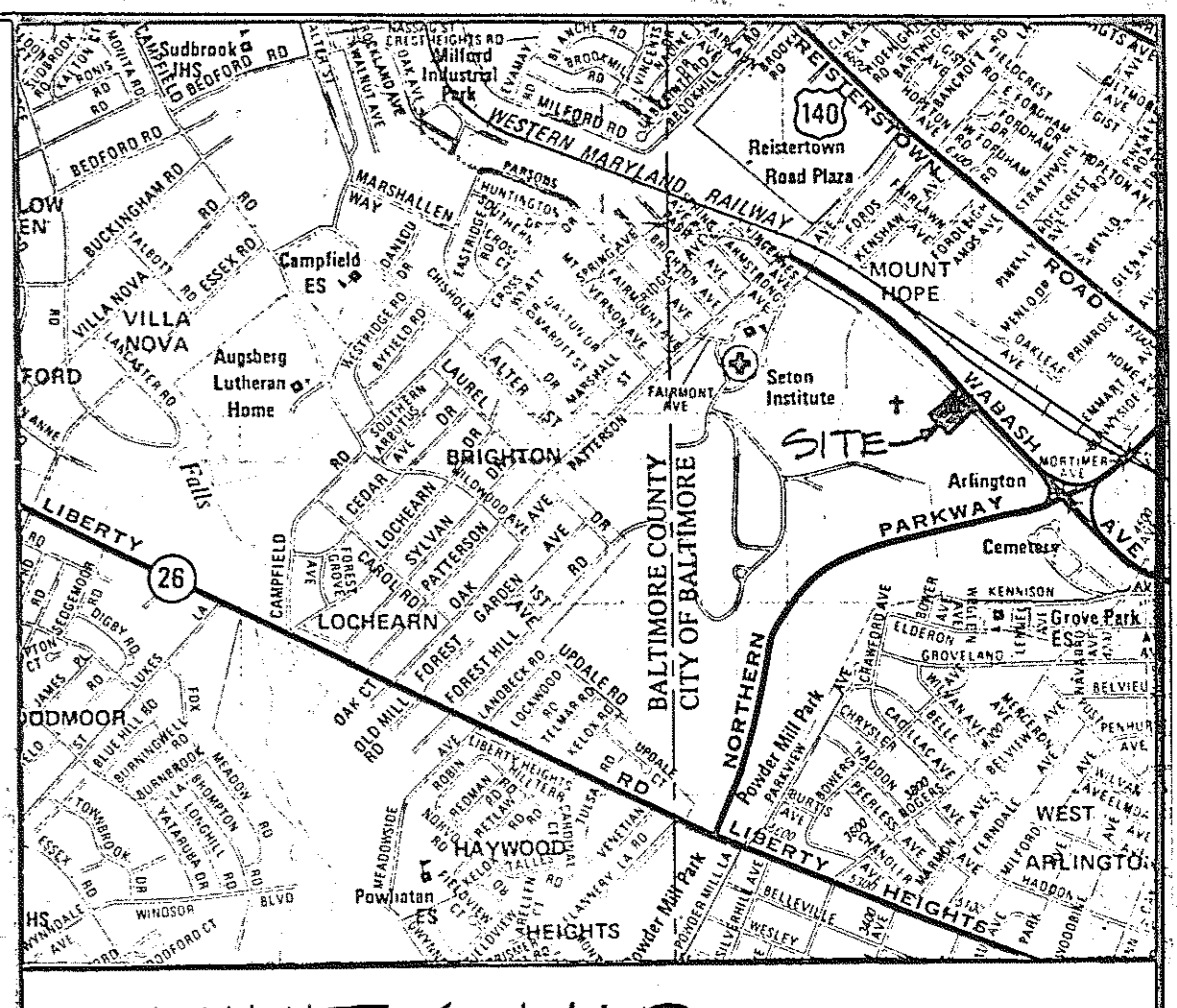
**Responsible Personnel Certification**

I/We hereby certify that any responsible personnel involved in the construction project will have a certificate as a Department Of Natural Resources approved training program for the control of erosion and sediment before beginning the project.

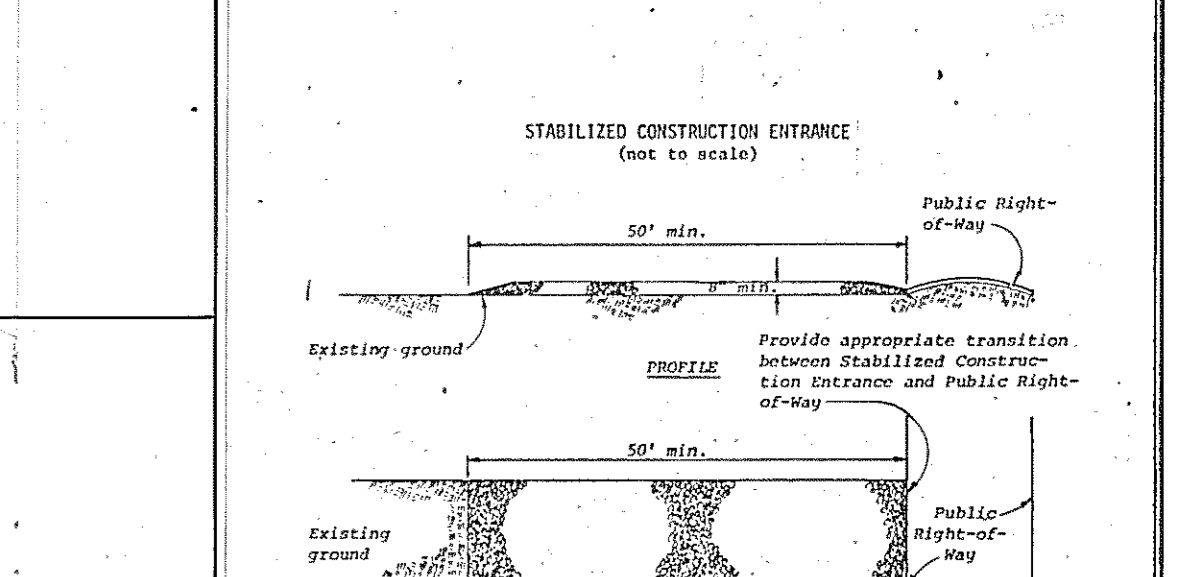
Developer's Name and Title \_\_\_\_\_ Date \_\_\_\_\_



- EROSION AND SEDIMENT CONTROL NOTES**
1. The Contractor will comply with all requirements of Sediment and Erosion Control as set forth in the P.E.T. NAT. ASS. Sediment Control Manual and as detailed on this sheet and the contract specifications.
  2. All utilities shall be constructed first prior to any construction on the site.
  3. No pumping from trench excavations will be allowed directly into City System unless it is filtered by way of sediment traps or filter.
  4. All excavated material shall be placed on the high side of trenches whenever possible and confined to an area where it will not obstruct the normal flow of drainage courses.
  5. Continuous inspection and maintenance of all sediment control devices shall be required until written permission for their removal has been obtained.
  6. Contractor shall submit to Water Resources Administration representative a sequence of construction for removal of perimeter swale.
  7. Structural measures and sediment control measures will be installed and stabilized according to this plan prior to any other grading.
  8. All sediment control measures shall be adjusted to meet field conditions, as directed by Sediment Control Officer.
  9. Immediately after completion of fine grading, install sod or seed and mulch over all undeveloped disturbed areas. Any disturbed earth left idle for periods exceeding 30 days shall be sodded, seeded and mulched or provide cover options according to temporary stabilization procedures. Temporary seeding mixture to be Italian Ryegrass 40/lbs. per acre.

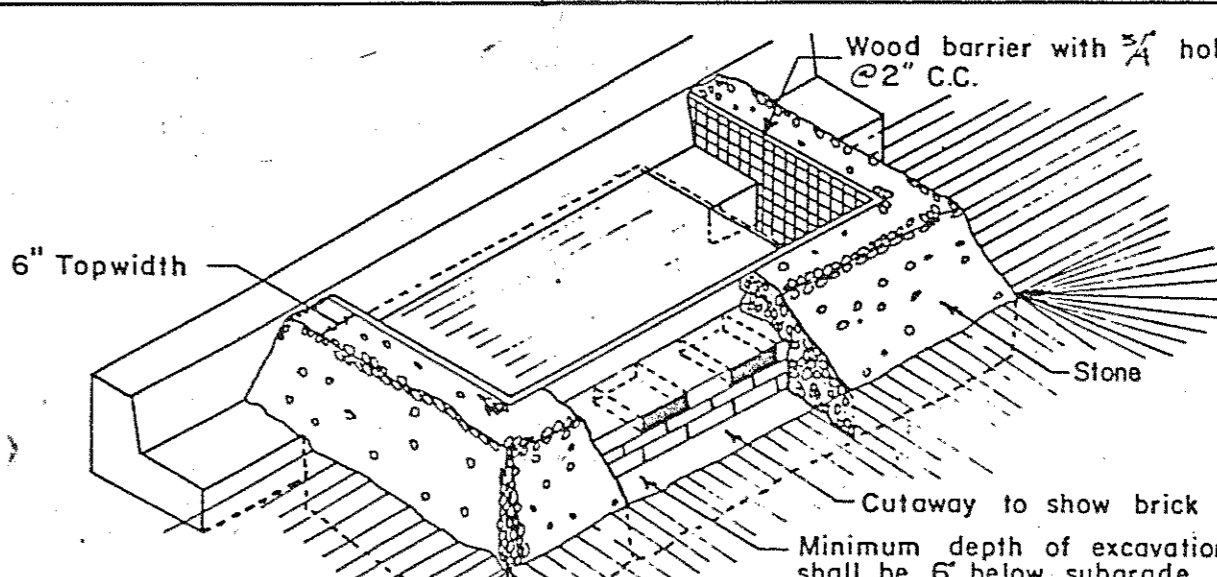


VICINITY MAP  
 1" = 2000 FT.



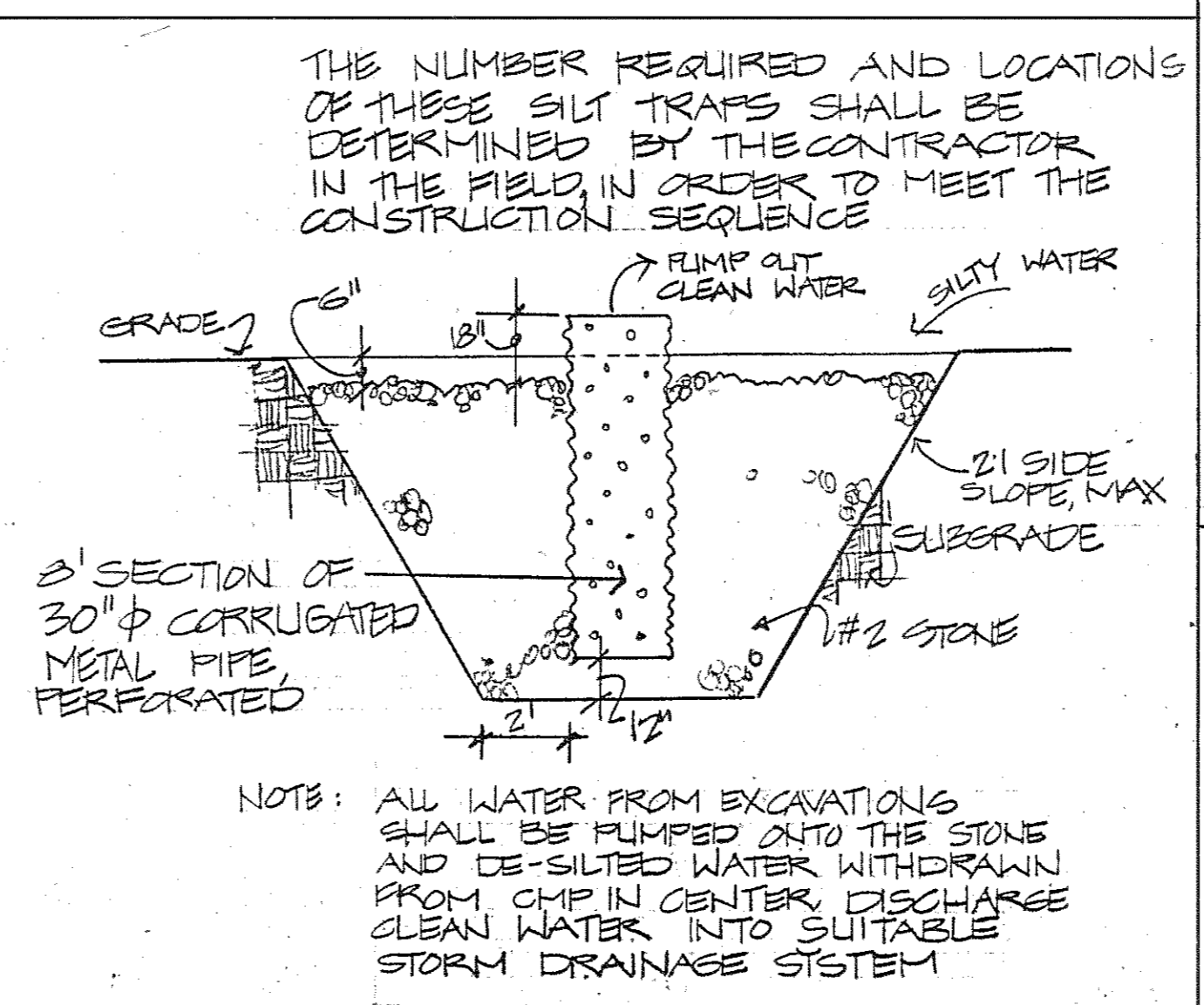
1. Stone size - 1/2" to 1 1/2" or AASHTO designation No. 10, also No. 2 (1/2" to 1 1/2"). Fine crushed stone.
2. Length - As effective, but not less than 50 feet.
3. Thickness - Not less than 18" to 24" inches.
4. Width - Not less than full width of all paths of ingress or egress.
5. Sloping - When necessary, slope shall be sloped to remove sediment prior to entrance into the structure. When quantity is restricted, it shall be done on an area stabilized with crushed stone which drains into an approved sediment trap or sump.
6. Maintenance - The entrance shall be maintained in a condition which will prevent tracking or flow of sediment into public right-of-way.
7. This may require periodic top dressing with additional stone as construction proceeds and regular cleaning of sediment traps or sumps. This may require periodic top dressing with additional stone as construction proceeds and regular cleaning of sediment traps or sumps. This may require periodic top dressing with additional stone as construction proceeds and regular cleaning of sediment traps or sumps.

- SEDIMENT TRAP NO. 1  
 STONE OUTLET STRUCTURE**
- DA BEFORE GRADING = 4.6 AC  
 DA AFTER GRADING = 4.6 AC  
 STORAGE REQUIRED = 8274.5 CF  
 STORAGE PROVIDED = 9200 CF  
 OUTLET ELEVATION = 418.5  
 CLEANOUT ELEVATION = 418.5  
 BOTTOM ELEVATION = 413.0  
 BOTTOM DIMENSIONAL OUTLET LENGTH (L) = 28' x 39' ±

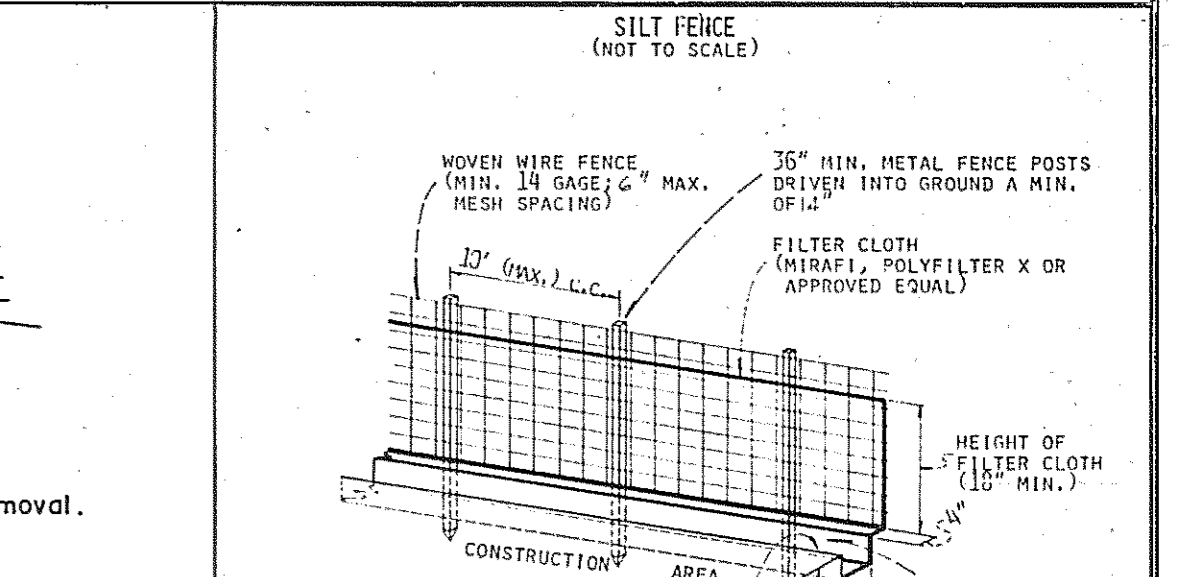


IMMEDIATELY STABILIZE SLOPE AFTER PARKING LOT HAS BEEN GRADED & PERIMETER SWALE IS DIMANTLED

- SEDIMENT TRAP NO. 2  
 STONE OUTLET STRUCTURE**
- DA BEFORE GRADING = 0.14 AC  
 DA AFTER GRADING = 0.14 AC  
 STORAGE REQUIRED = 250 CF  
 STORAGE PROVIDED = 800 CF  
 OUTLET ELEVATION = 410  
 CLEANOUT ELEVATION = 409  
 BOTTOM ELEVATION = 403  
 BOTTOM DIMENSIONAL OUTLET LENGTH (L) = 10x40  
 5' MIN.



NOTE: ALL WATER FROM EXCAVATIONS SHALL BE PUMPED INTO THE STONE AND DE-SILTED WATER WITHDRAWN FROM SUMP IN ORDER TO DISCHARGE CLEAN WATER INTO SUITABLE STORM DRAINAGE SYSTEM



NOTE: No excavation necessary when filter is required around inlets on paved areas.

Structure shall be inspected after each storm and repairs made as needed. Construction operations shall be carried out in such a manner that erosion and water pollution is minimized.

The structure shall be removed when drainage area has been properly stabilized.

The crushed stone used in the outlet shall meet AASHTO designation M43, size No. 2 or 24 or its equivalent such as MSHA No. 2. Gravel, meeting the above gradation, may be used if crushed stone is not available. Crusher run is not acceptable.

NOTE: THIS PLAN SHALL BE USED ONLY FOR THE INSTALLATION OF SEDIMENT CONTROL MEASURES. FOR LAYOUT AND DIMENSIONING SEE SD-1 REVISED.

**Browne, Worrall & Johnson/Gutwein-Guenther Professional Association**  
 A Joint Venture  
 2435 North Calvert Street  
 Baltimore, Maryland 21218

**Daft-McCune-Walker, Inc.**  
 530 EAST JOPPA ROAD  
 TOWSON, MARYLAND 21204

**George Evans & Associates, Inc.**  
 130 WEST HAMILTON STREET  
 BALTIMORE, MARYLAND 21201

**Moore/Lewis Inc.**  
 2435 NORTH CALVERT STREET  
 BALTIMORE, MARYLAND 21218

USING AGENCY APPROVAL  
 Robert B. Smith  
 Administrator, WSC 3/29/93  
 DATE

DEPARTMENT OF GENERAL SERVICES  
 PROJECT ADMINISTRATOR  
 DATE

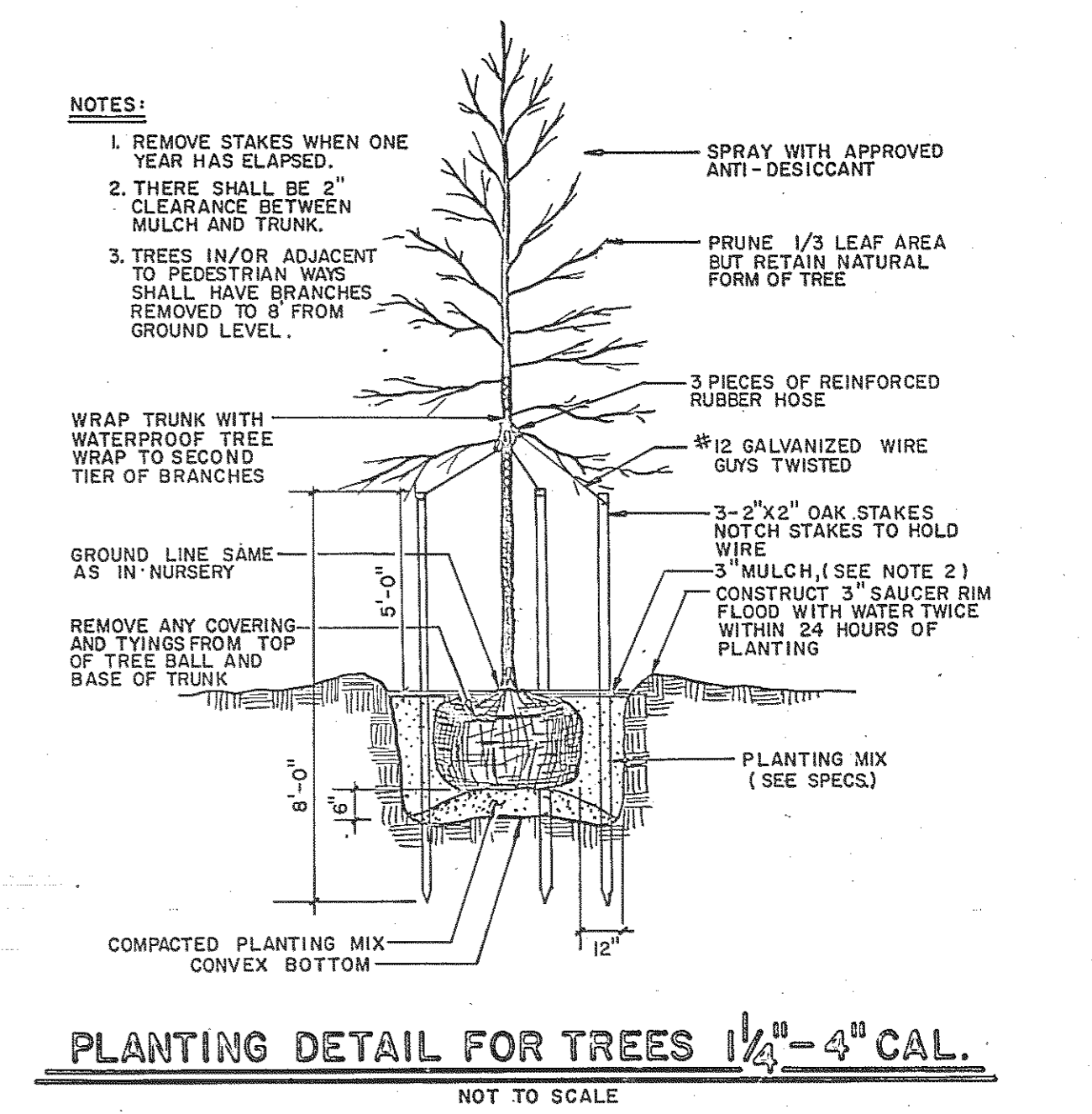
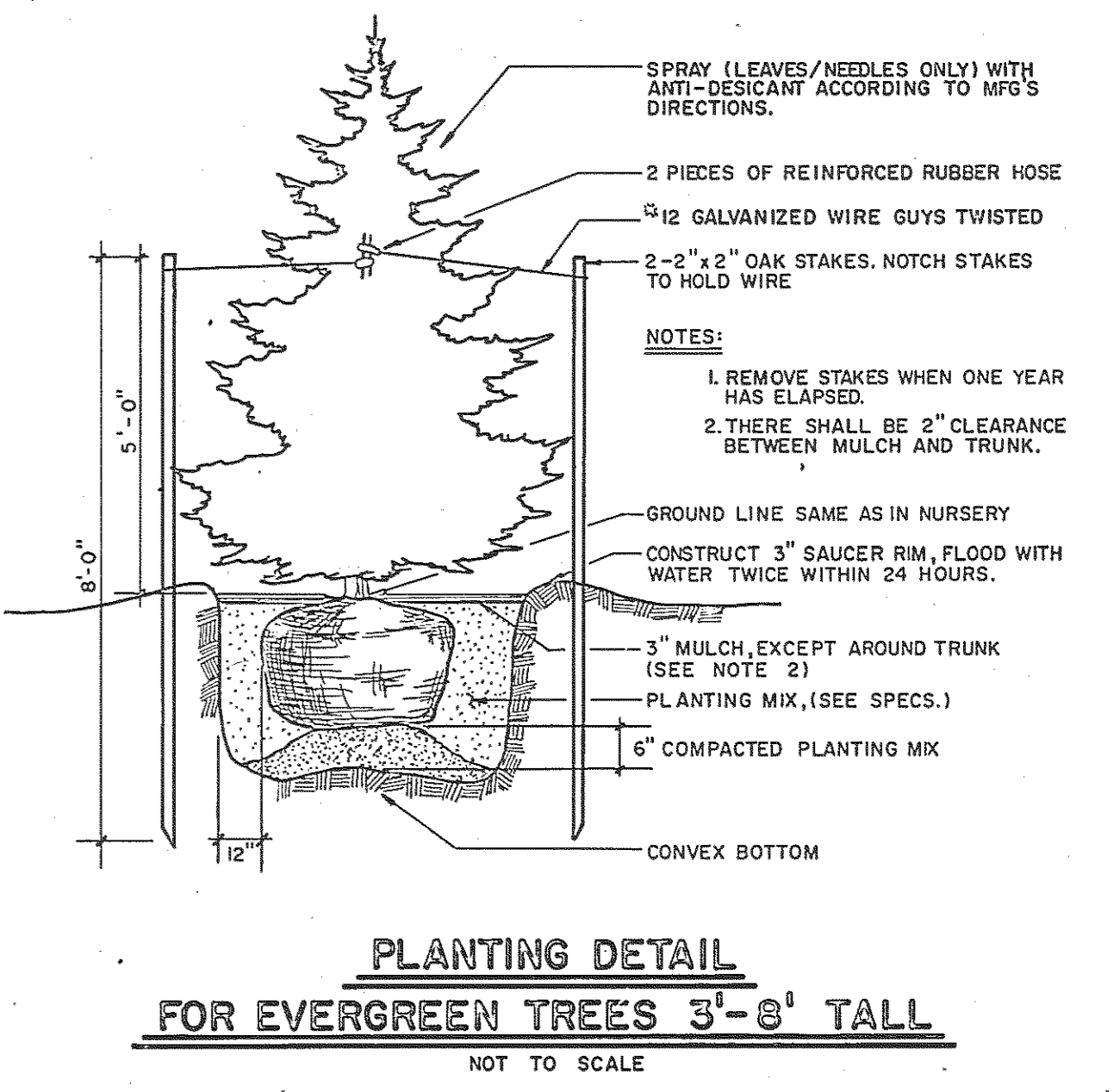
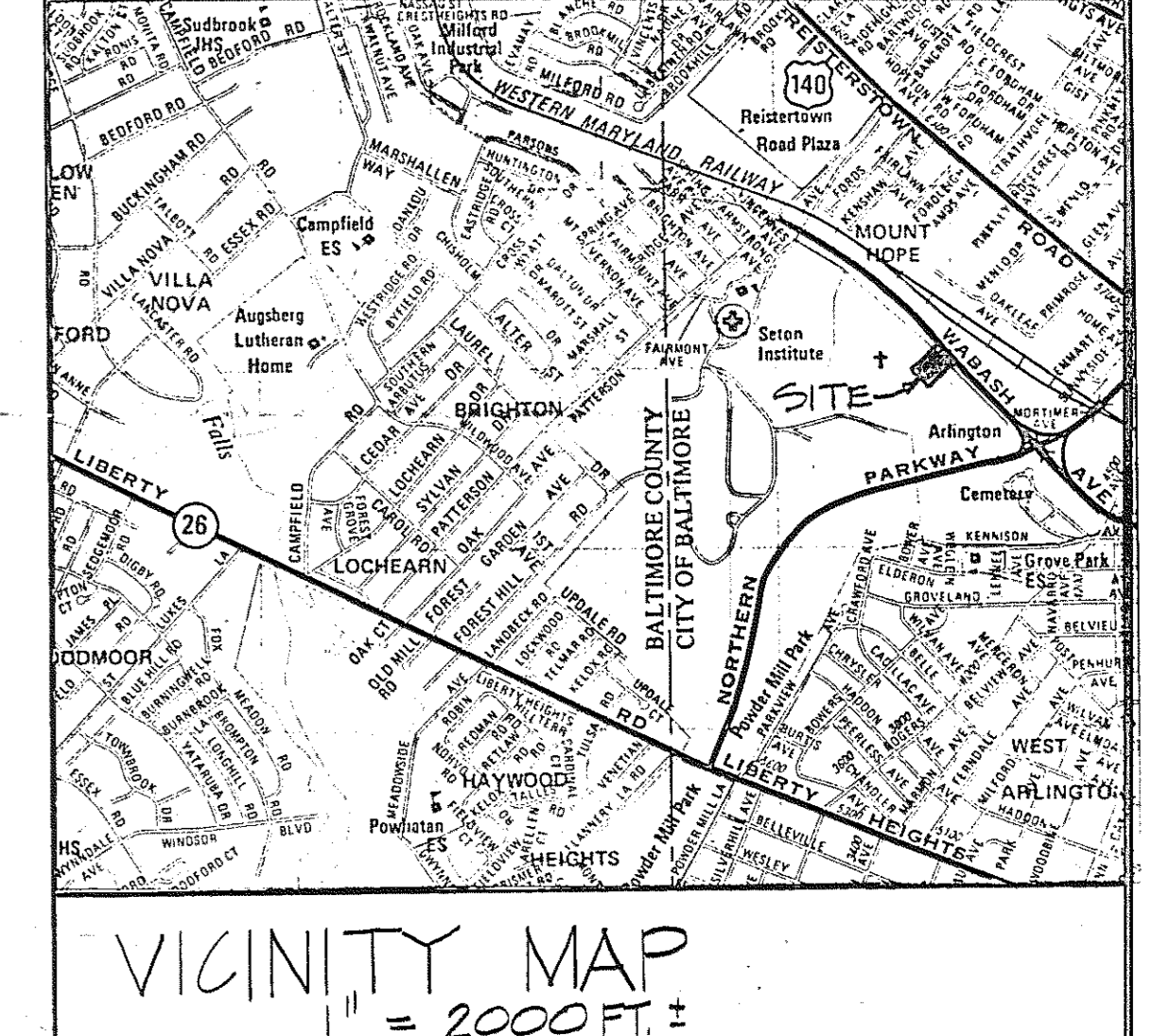
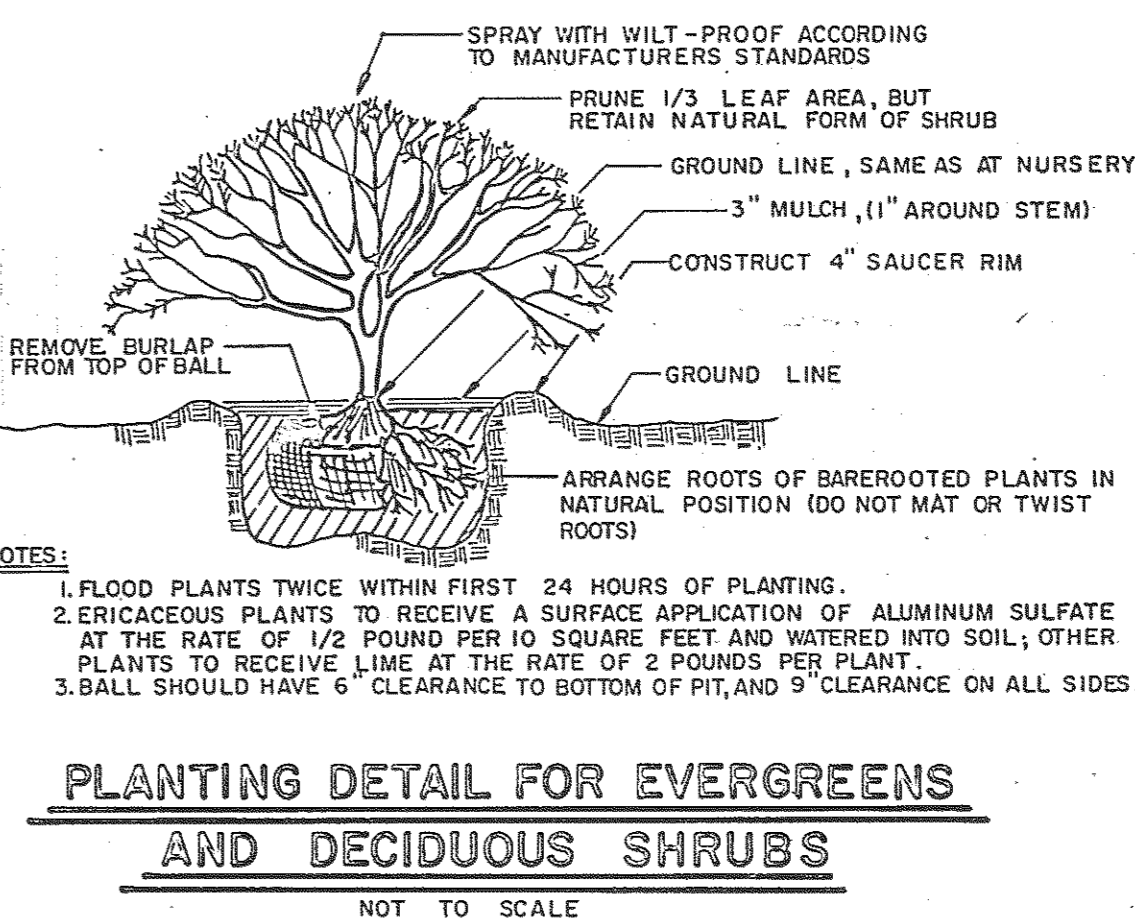
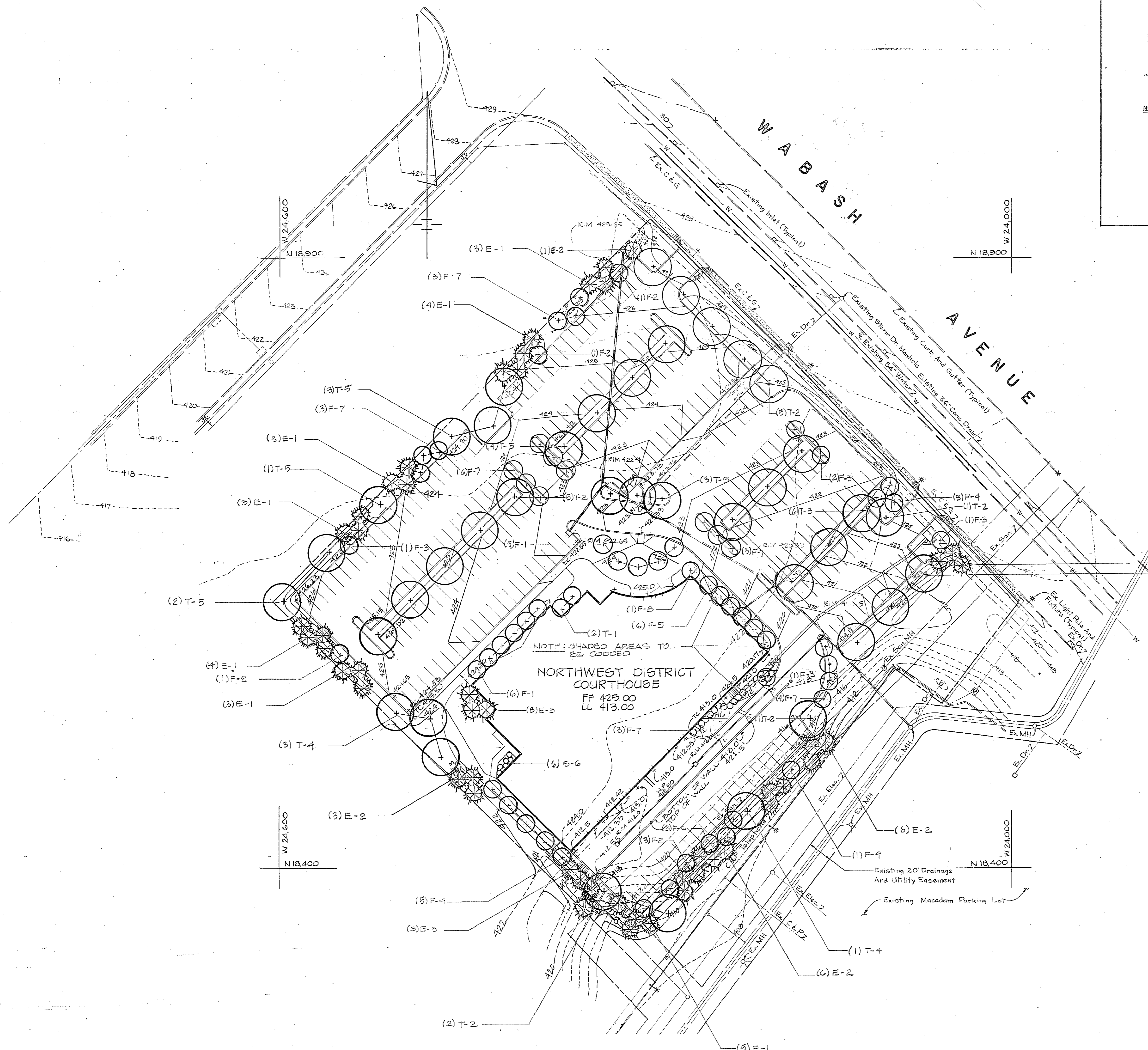
DIRECTOR, ENGR. & CONST.  
 DATE

**REVISIONS**

REV. #1 3-28-93

**Northwest District Court**  
 Wabash Avenue  
 Baltimore, Maryland

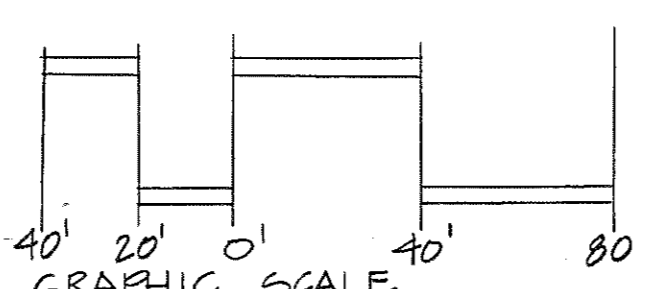
**DRAWING NO.**  
 BC-000-751-001  
**SD-2**  
 BW/GGPA 8104  
 DATE: 20 JAN 1993



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**CAUTION:**  
CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO EXCAVATION FOR TREE PITS.

NOTE: SEE SD-4 FOR BLOW-UP OF FRONT PLAZA AREA AND PLANT LOCATIONS.



LANDSCAPING-ALTERNATE #2

NOTE: THIS PLAN SHALL BE USED FOR PLANTING ONLY. SEE SD-1 REVISED FOR LAYOUT.

PLANT LIST						
KEY	QTY.	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	REMARKS
T-1	2	BERULA RADIATA	RAISER BUSH	10'-12" HT.	B&B	DO NOT PLANT IN FALL
T-2	14	QUERCUS BOREALIS 'RUBRA'	NORTHERN RED OAK	2 1/2\"/>		

**Browne, Worrall & Johnson/Gutwein-Guenther Professional Association**  
A Joint Venture  
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**Daft-McCune-Walker, Inc.** 130 WEST HAMILTON STREET TOWSON, MARYLAND 21284  
**George Evans & Associates, Inc.** BALTIMORE, MARYLAND 21201  
**Moore/Lewis Inc.** 2435 NORTH CALVERT STREET BALTIMORE, MARYLAND 21218

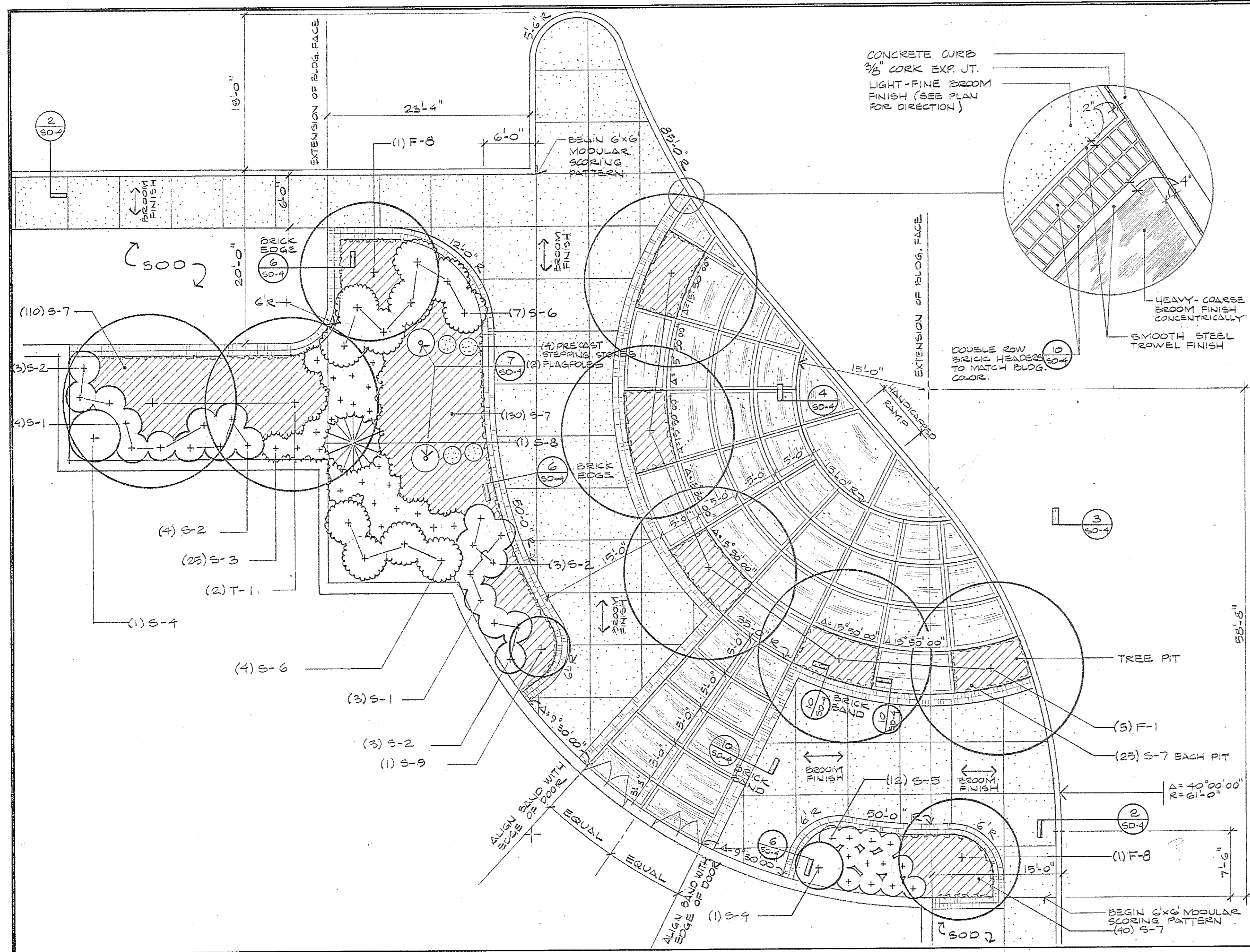
USING AGENCY APPROVAL: Robert B. Smith

DEPARTMENT OF GENERAL SERVICES  
PROJECT ADMINISTRATOR: [Signature] DATE: 3/1/83  
DIRECTOR, ENGR. & CONST. DATE: 3/1/83

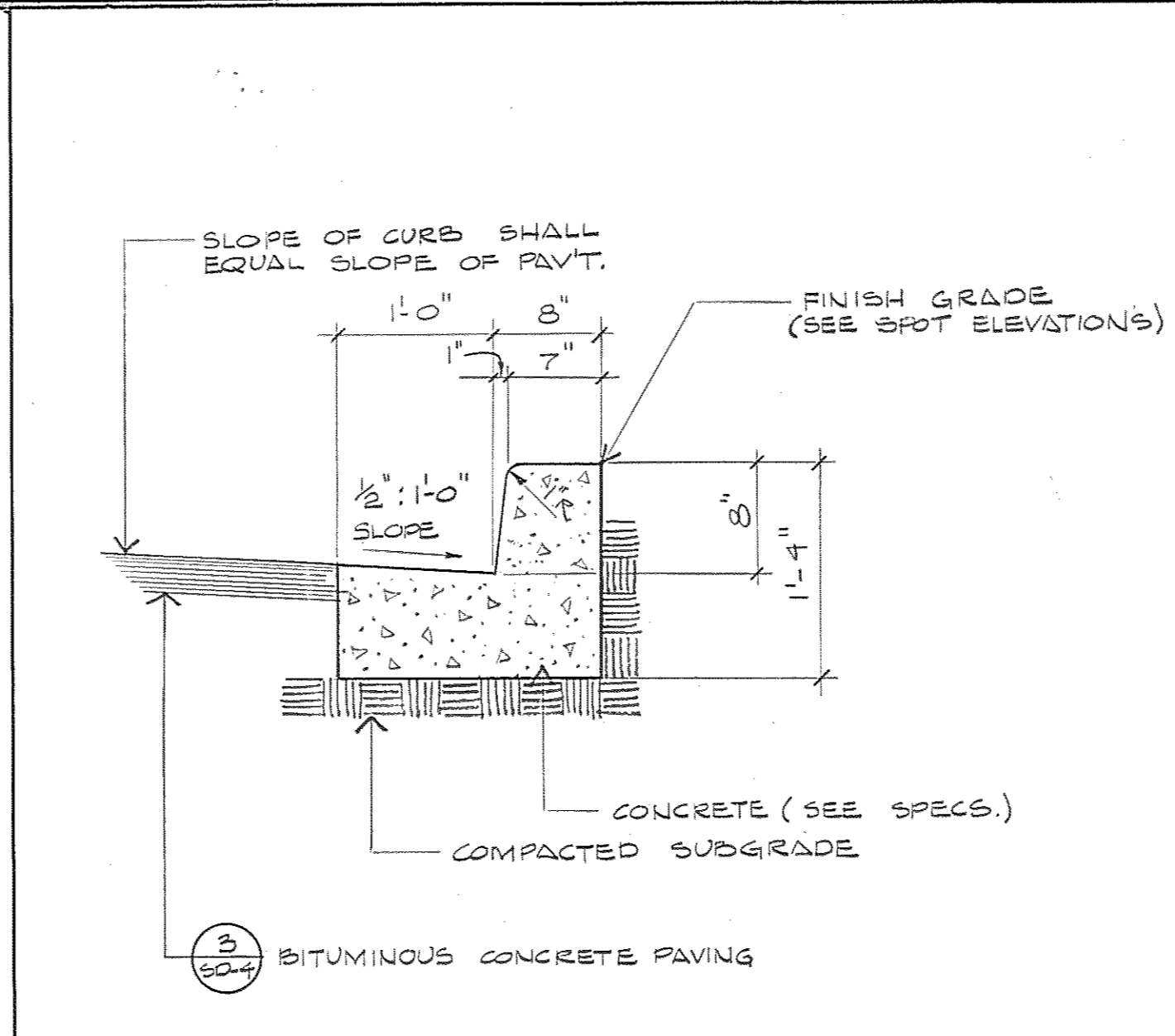
REVISIONS  
REV. #1 3-26-83

Northwest District Court  
Wabash Avenue  
Baltimore, Maryland

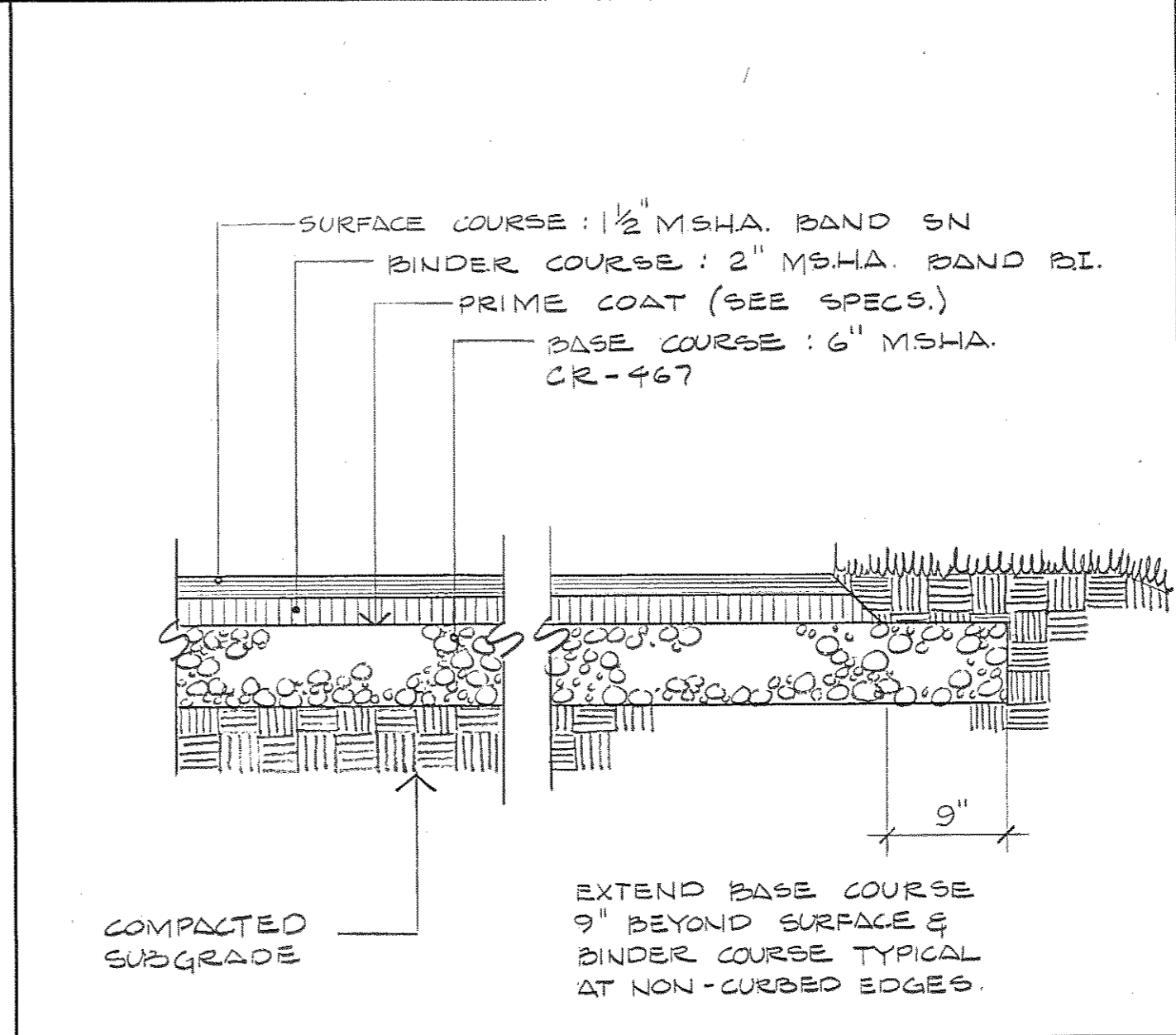
DRAWING NO. BC-000-751-001  
**SD-3**  
BWJ/GGPA 8104  
DATE: 22 JAN 1983



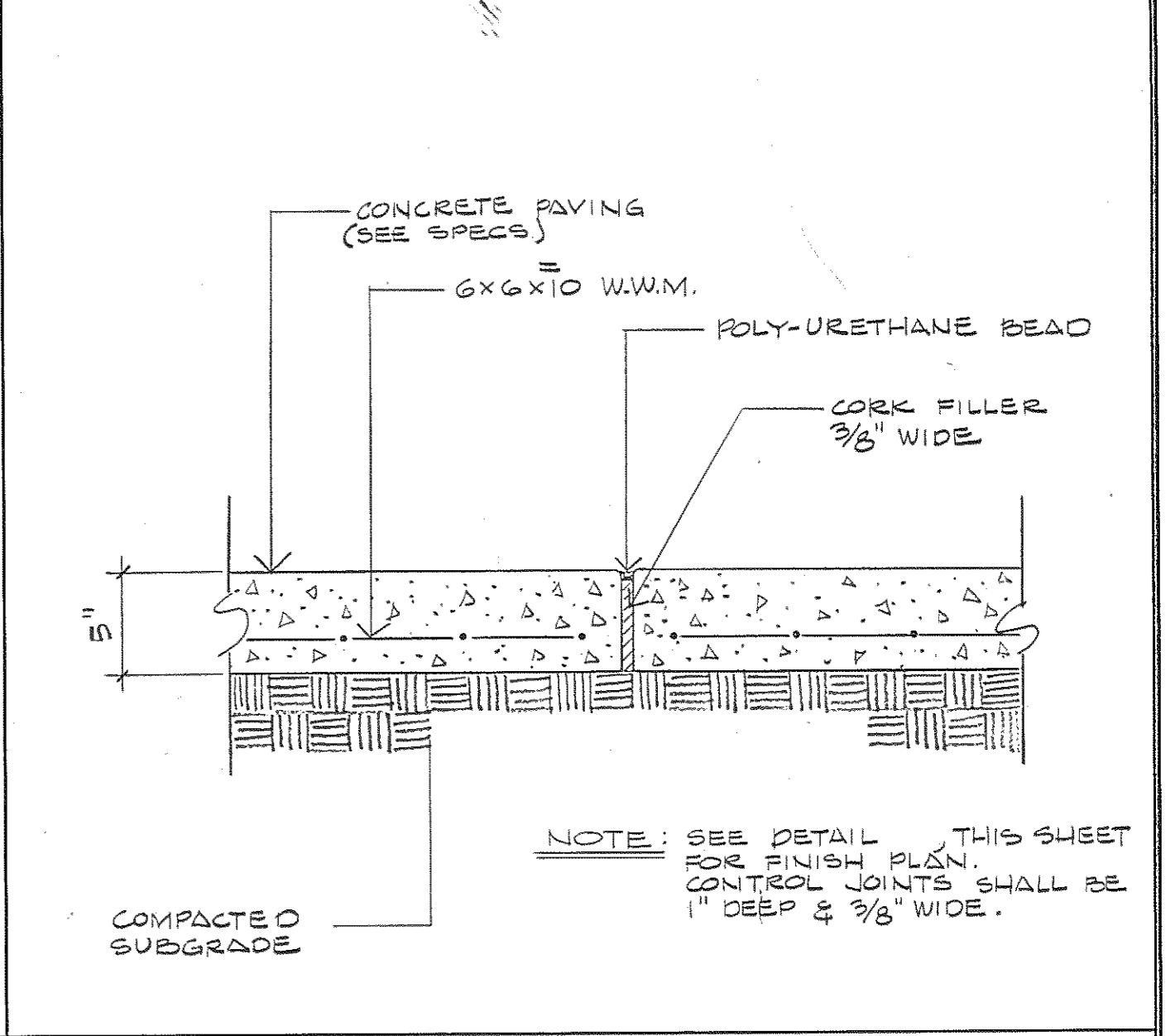
1 ENTRY PLAZA PLAN 1/8" = 1'-0"



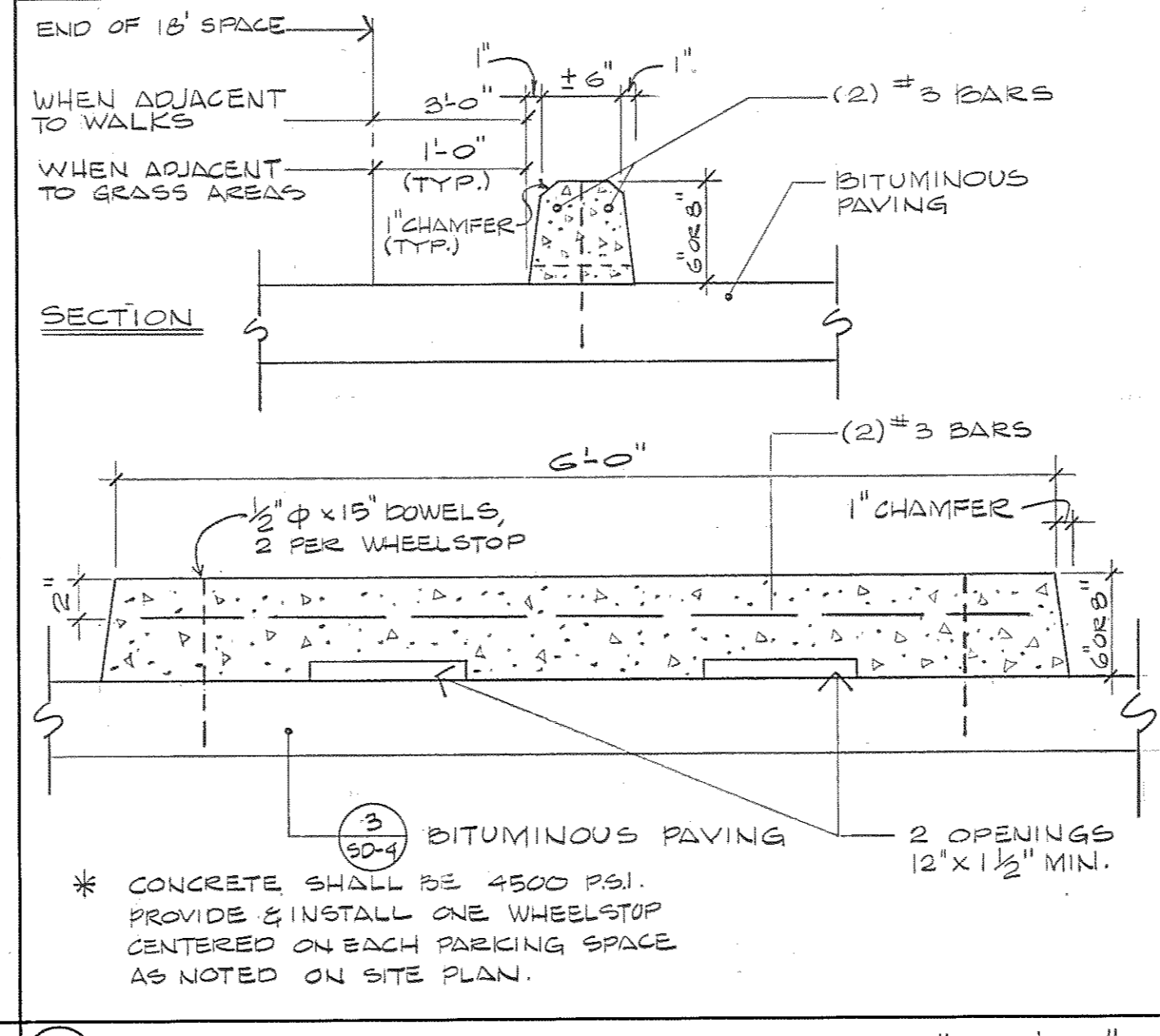
2 CONCRETE CURB & GUTTER 1" = 1'-0"



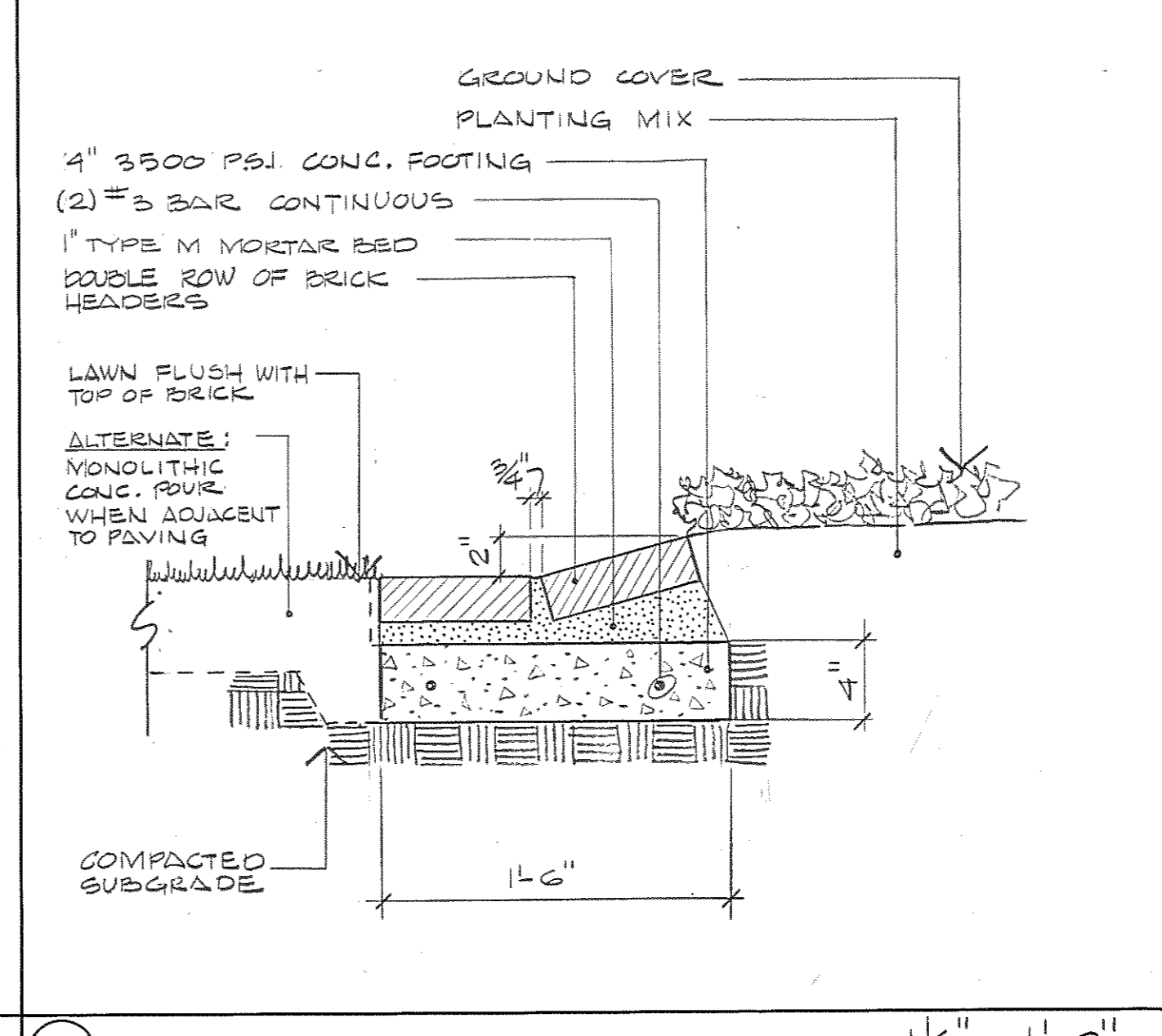
3 BITUMINOUS PAVING 1" = 1'-0"



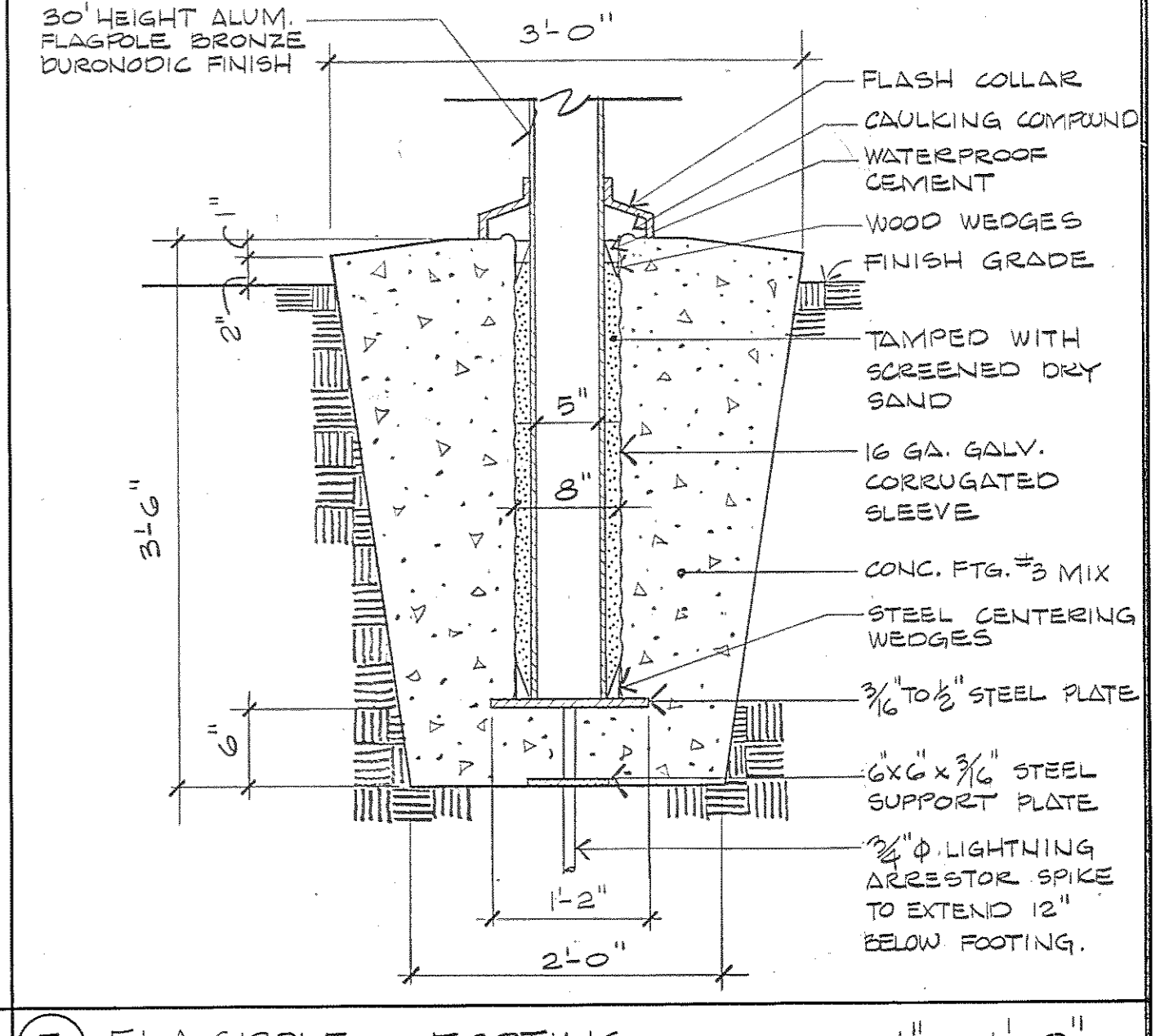
4 CONCRETE PAVING 1 1/2" = 1'-0"



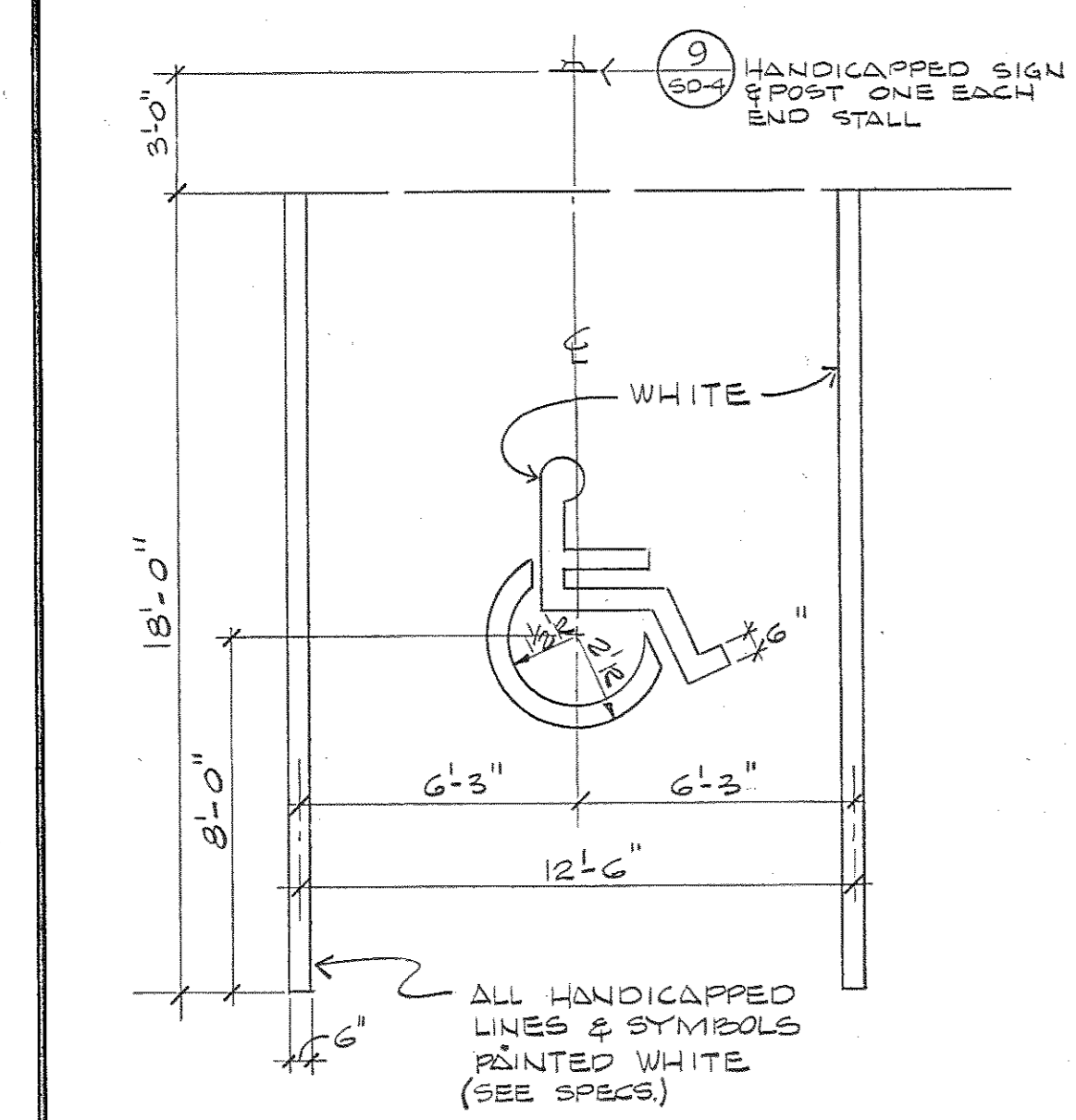
5 CONCRETE WHEELSTOP 1" = 1'-0"



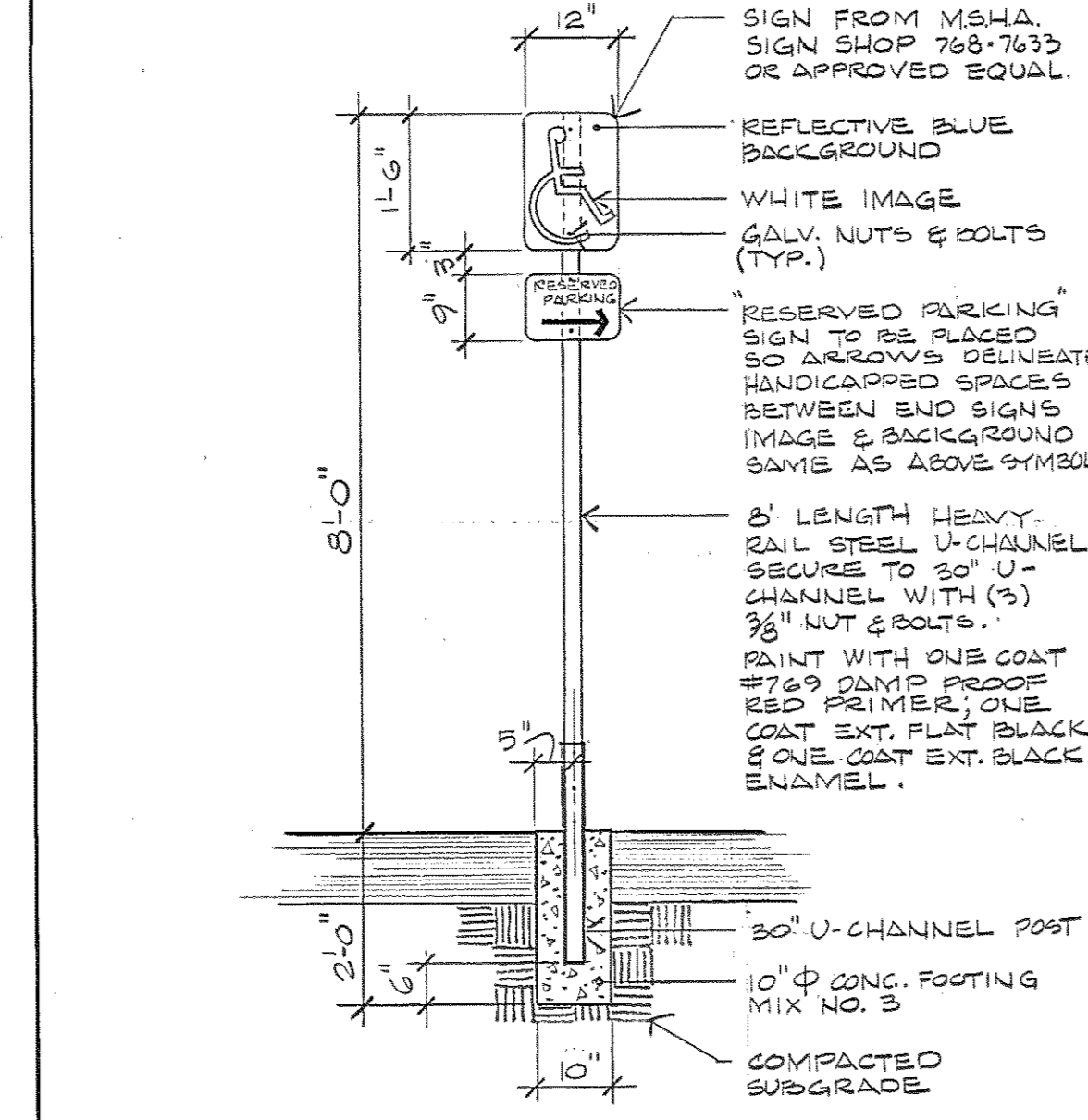
6 BRICK EDGE 1 1/2" = 1'-0"



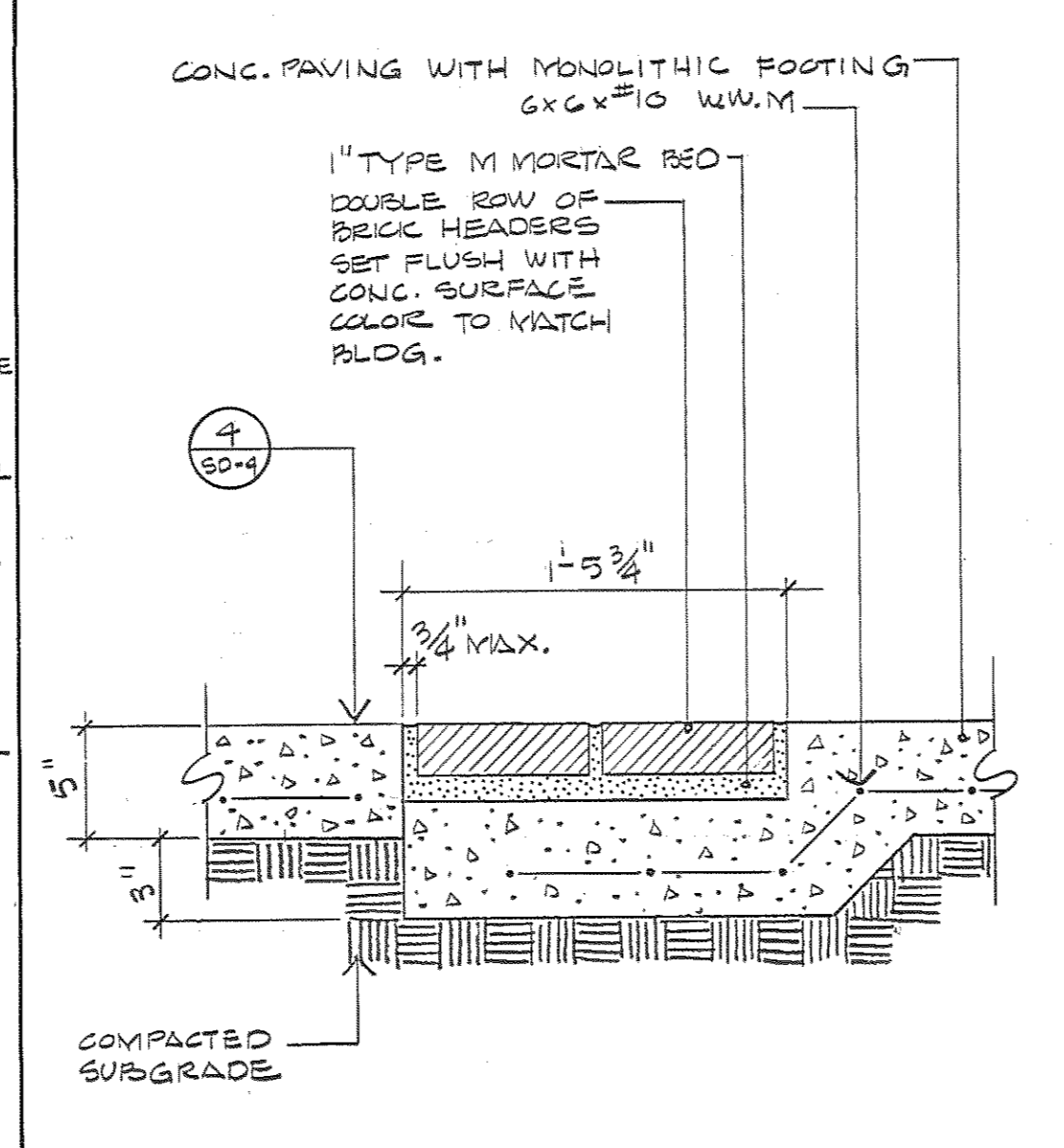
7 FLAGPOLE & FOOTING 1" = 1'-0"



8 HANDICAPPED PARKING 1/4" = 1'-0"

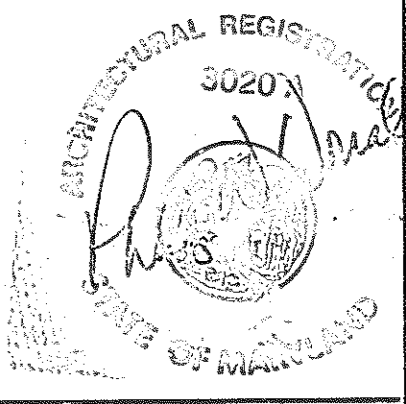


9 HANDICAPPED SIGN & POST 1/2" = 1'-0"



10 BRICK BAND 1 1/2" = 1'-0"

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Moore/Lewis Inc. 2435 NORTH CALVERT STREET BALTIMORE, MARYLAND 21218

USING AGENCY APPROVAL: Robert B. Smith, Director, ENGR. & CONST. DATE: 3/21/83

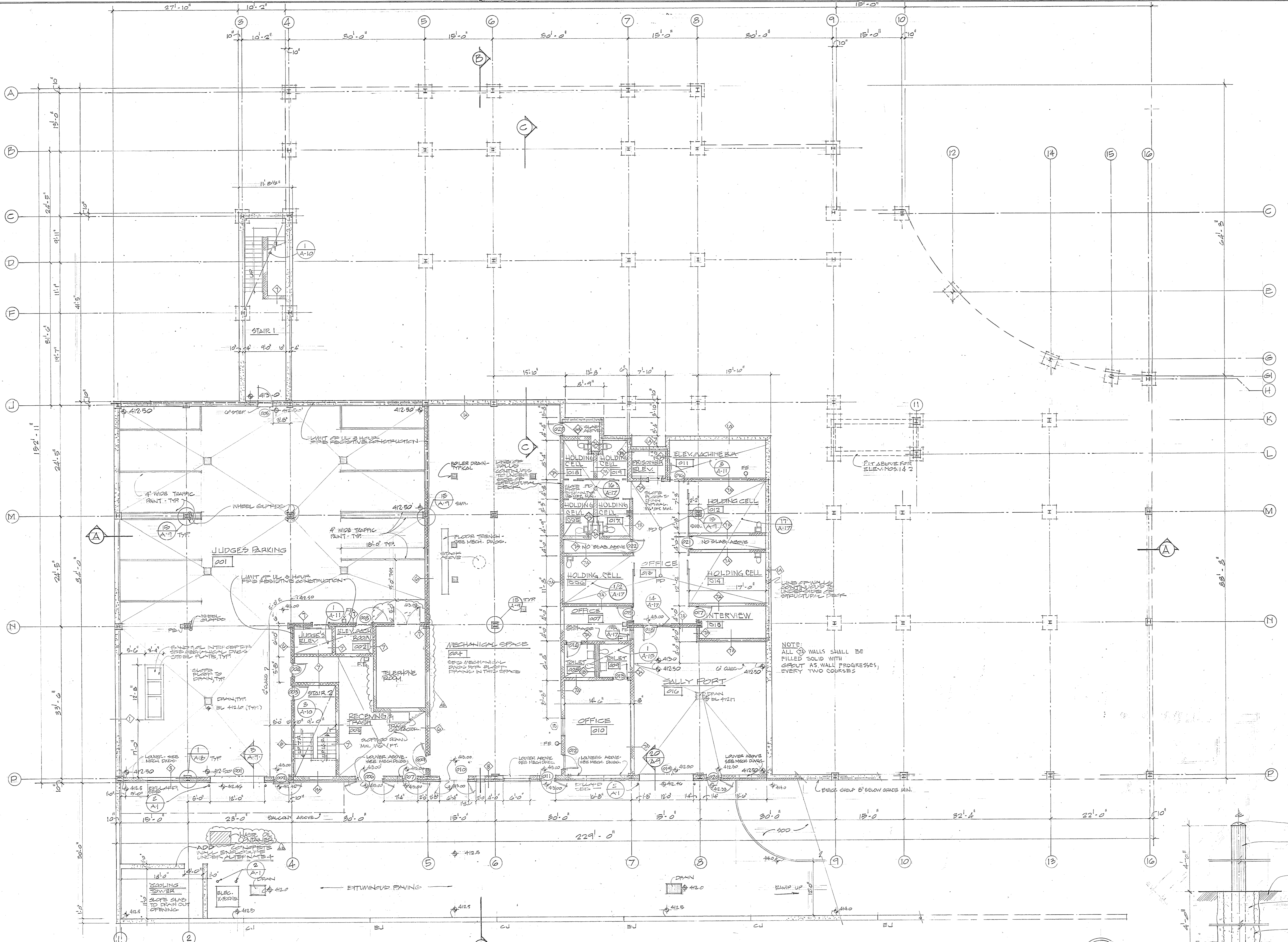
DEPARTMENT OF GENERAL SERVICES: PROJECT ADMINISTRATOR DATE: 3/21/83

REVISIONS: 1. REV. #1 3-23-83

Northwest District Court  
Wabash Avenue  
Baltimore, Maryland

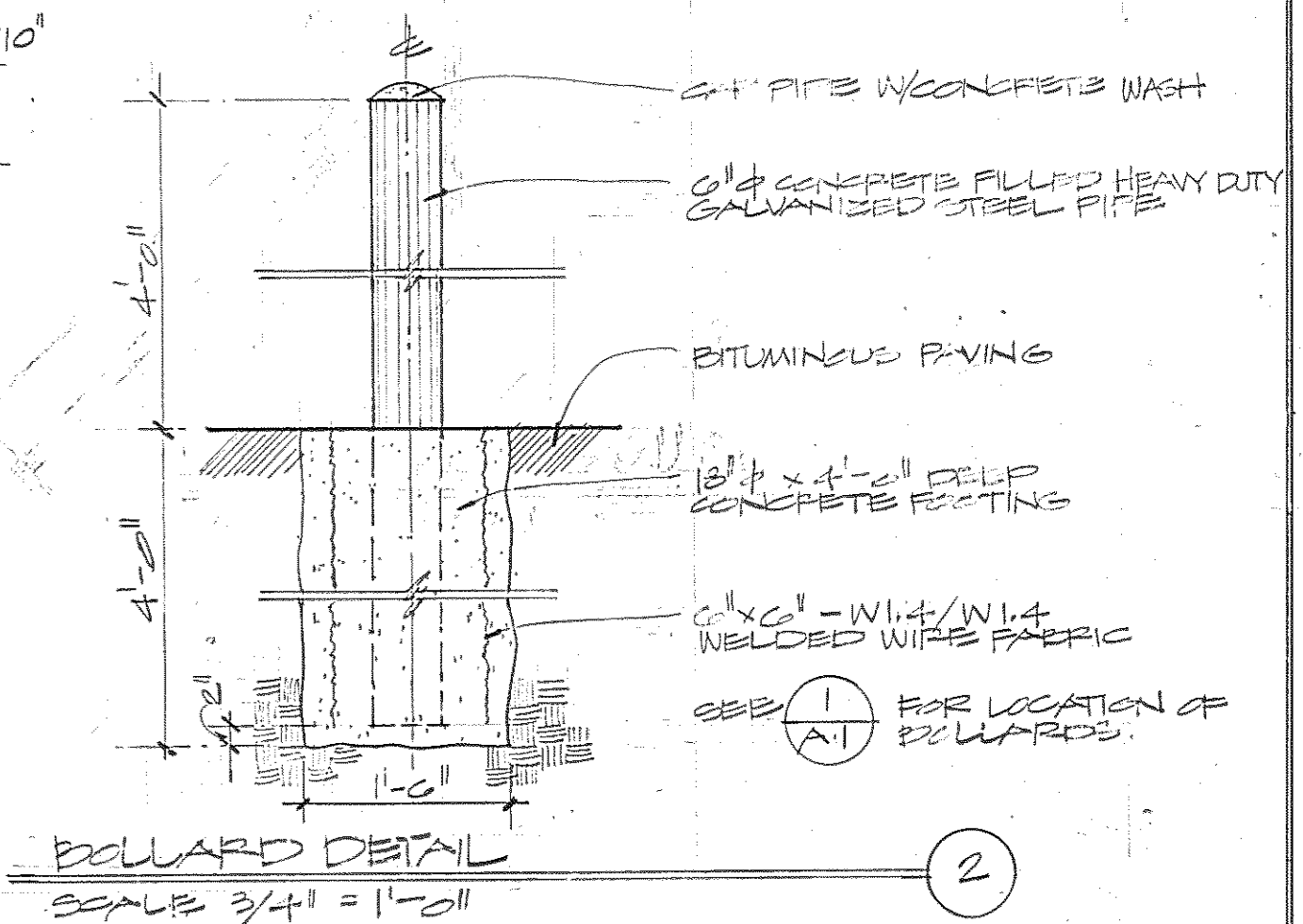
DRAWING NO.: BC-000-751-001  
**SD-4**  
BWJ/GGPA 8104  
DATE: 20 JAN 1983

FILE NO. 84 - DWG. NO. 360



**BASEMENT FLOOR PLAN**  
 SCALE: 1/8" = 1'-0" H.P. JUDGES PARKING & SALLY PORT  
 EL. 412.50 BASEMENT EL. 413.00

NOTE:  
 ALL WALLS SHALL BE  
 FILLED SOLID WITH  
 GROUT AS WALL PROGRESSES,  
 EVERY TWO COURSES



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 2435 North Calvert Street  
 Baltimore, Maryland 21218

Daft-McCune-Walker, Inc. 3535 EAST JOPPA ROAD TOVSON, MARYLAND 21204

George Evans & Associates, Inc. 130 WEST HAMILTON STREET BALTIMORE, MARYLAND 21201

Moore/Lewis Inc. 2435 NORTH CALVERT STREET BALTIMORE, MARYLAND 21218

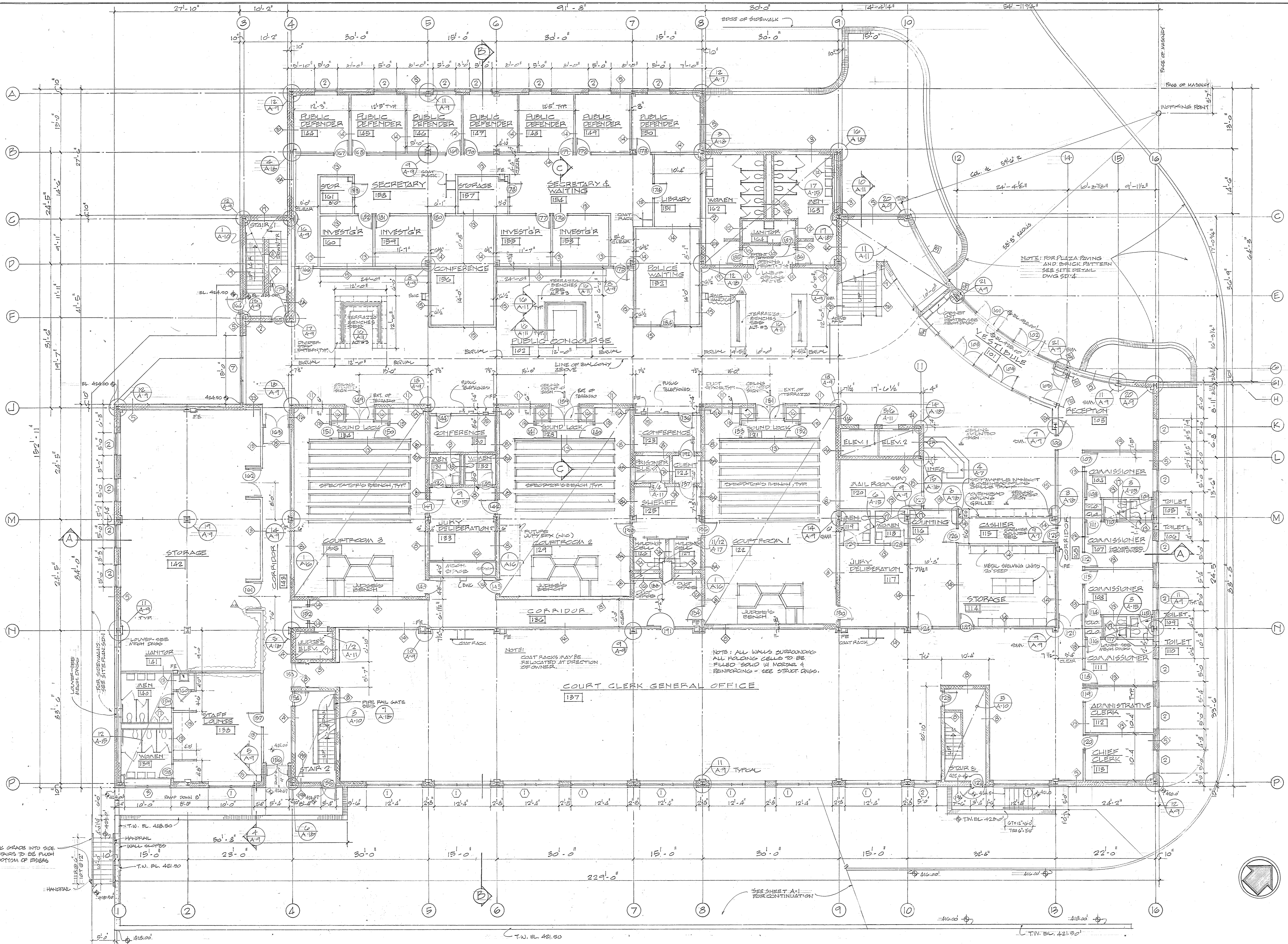
USING AGENCY APPROVAL  
 Robert B. Sweet  
 Administrator, misc 3/19/83

DEPARTMENT OF GENERAL SERVICES  
 PROJECT ADMINISTRATOR  
 DATE 2/3/83

REVISIONS	
Δ	REV. #1 3-28-83
Δ	ADD BUILT REVISIONS 5-3-86

Northwest District Court  
 Wabash Avenue  
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DRAWING NO.  
 BC-000-751-001  
**A1**  
 BWJ/GPA 0104  
 DATE: 20 JUN 1983



NOTE: FOR PLAZA PAVING AND BRICK PATTERN SEE SITE DETAIL DWG 5014

NOTE: ALL WALLS SURROUNDING ALL HOLDING CELLS TO BE FILLED SOLID IN MORTAR & REINFORCING - SEE STRUCT DWG.

NOTE: COAT RACKS MAY BE RELOCATED AT DISCRETION OF OWNER.

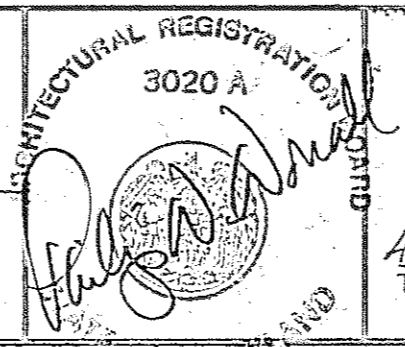
GROUND FLOOR PLAN  
SCALE: 1/8"=1'-0" BL. 425.00

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Baltimore, Maryland 21218

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George Evans & Associates, Inc. 130 WEST HAMILTON STREET BALTIMORE, MARYLAND 21201

Moore/Lewis Inc. 2435 NORTH CALVERT STREET BALTIMORE, MARYLAND 21218



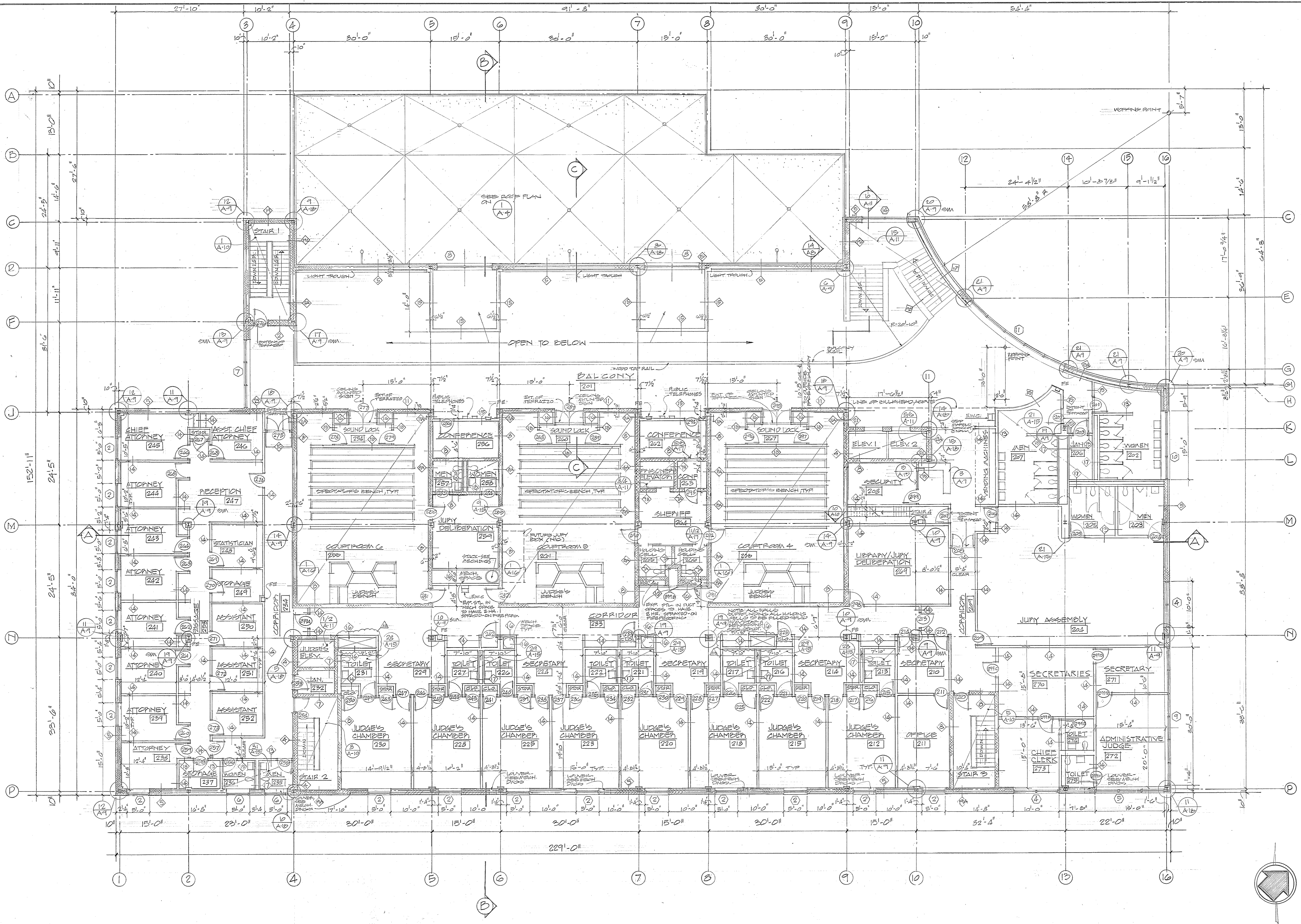
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Robert T. Seal  
3/21/83

DEPARTMENT OF GENERAL SERVICES  
PROJECT ADMINISTRATOR  
3/21/83

REVISIONS	
REV #1	3-28-83
AS BUILT REVISIONS	3-28-83

Northwest District Court  
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DRAWING NO. BC-000-751-001  
**A 2**  
BWJ/GSPA 8104  
DATE: 3/21/83



SECOND FLOOR PLAN  
SCALE: 1/8" = 1'-0" PL. 441.00

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TOWSON, MARYLAND 21204

George Evans & Associates, Inc. 130 WEST HAMILTON STREET  
BALTIMORE, MARYLAND 21201

Moore/Lewis Inc. 2435 NORTH CALVERT STREET  
BALTIMORE, MARYLAND 21218



USING AGENCY APPROVAL  
*Robert S. Ford*  
Administrator, DSC 3/29/83  
DATE

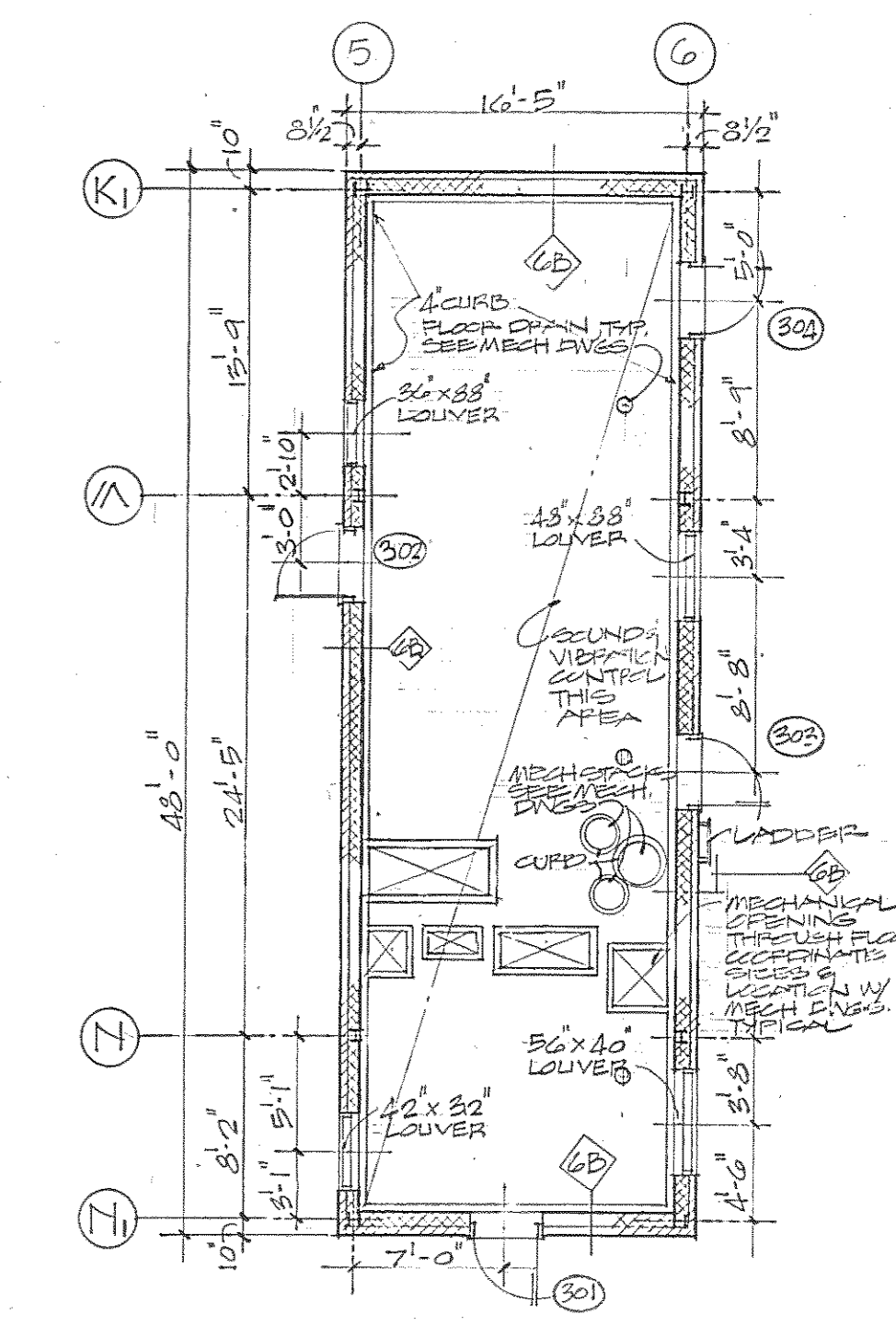
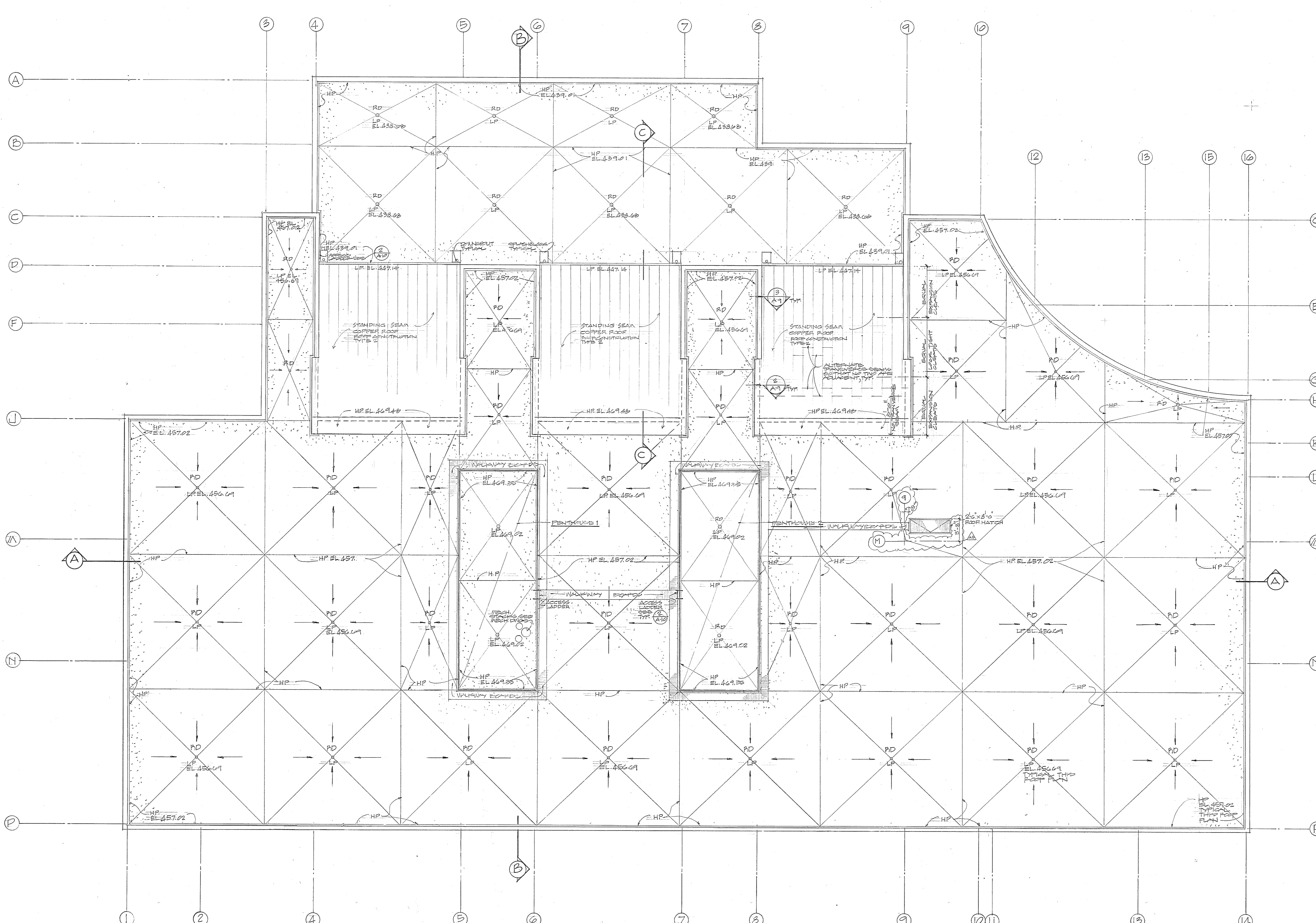
DEPARTMENT OF GENERAL SERVICES  
*David W. Wray*  
PROJECT ADMINISTRATOR 3/31/83  
DATE

REVISIONS  
REV. #1 3-28-83  
AS BUILT REVISIONS 3-30-83

Northwest District Court  
Wabash Avenue  
Baltimore, Maryland

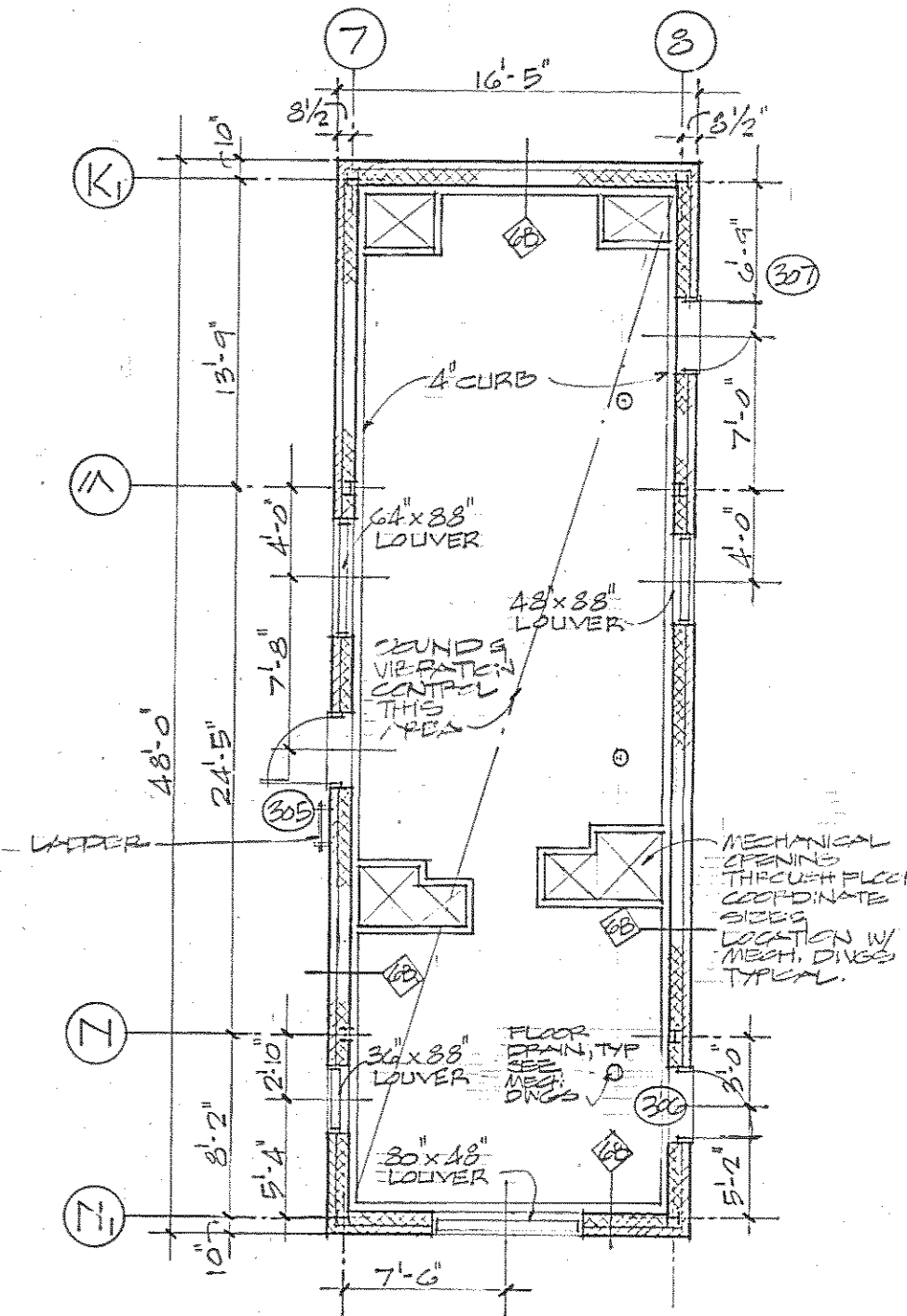
DRAWING NO.  
BC-000-751-001  
**A 3**  
B/W/GGPA 8104  
DATE: 3/31/83





**PLAN - PENTHOUSE 1**  
SCALE: 1/8" = 1'-0"

NOTE:  
#1 CURB AROUND INTERIOR PERIMETER OF PENTHOUSE AND AROUND ALL OPENINGS IN FLOOR. COORDINATE LOCATION OF FLOOR OPENINGS WITH STRUCTURAL & MECHANICAL DRAWINGS.

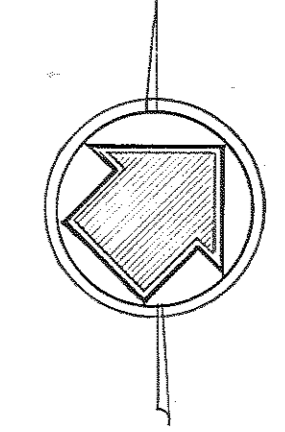
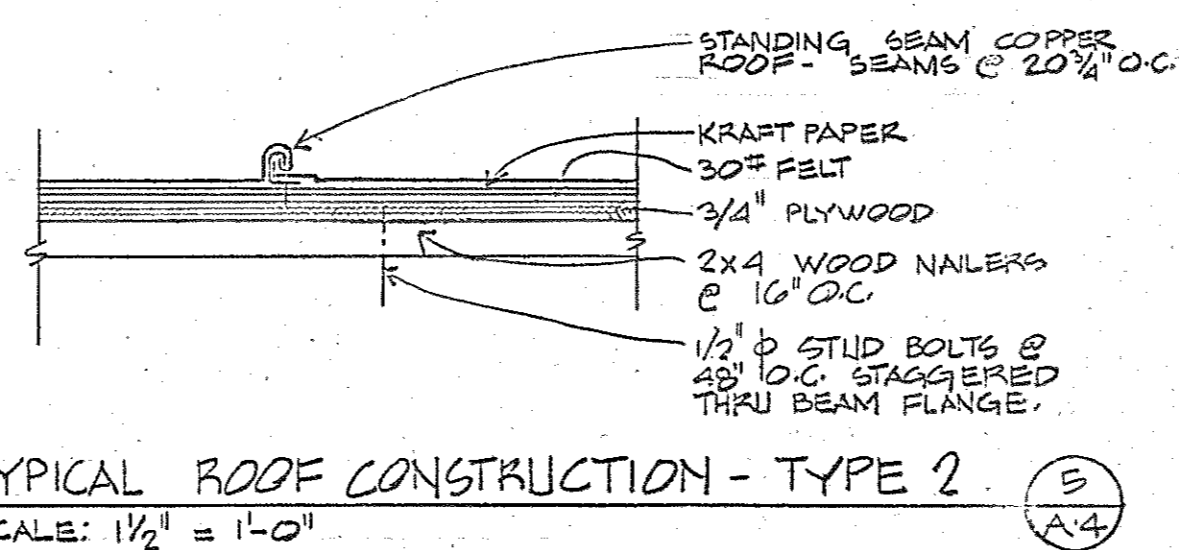
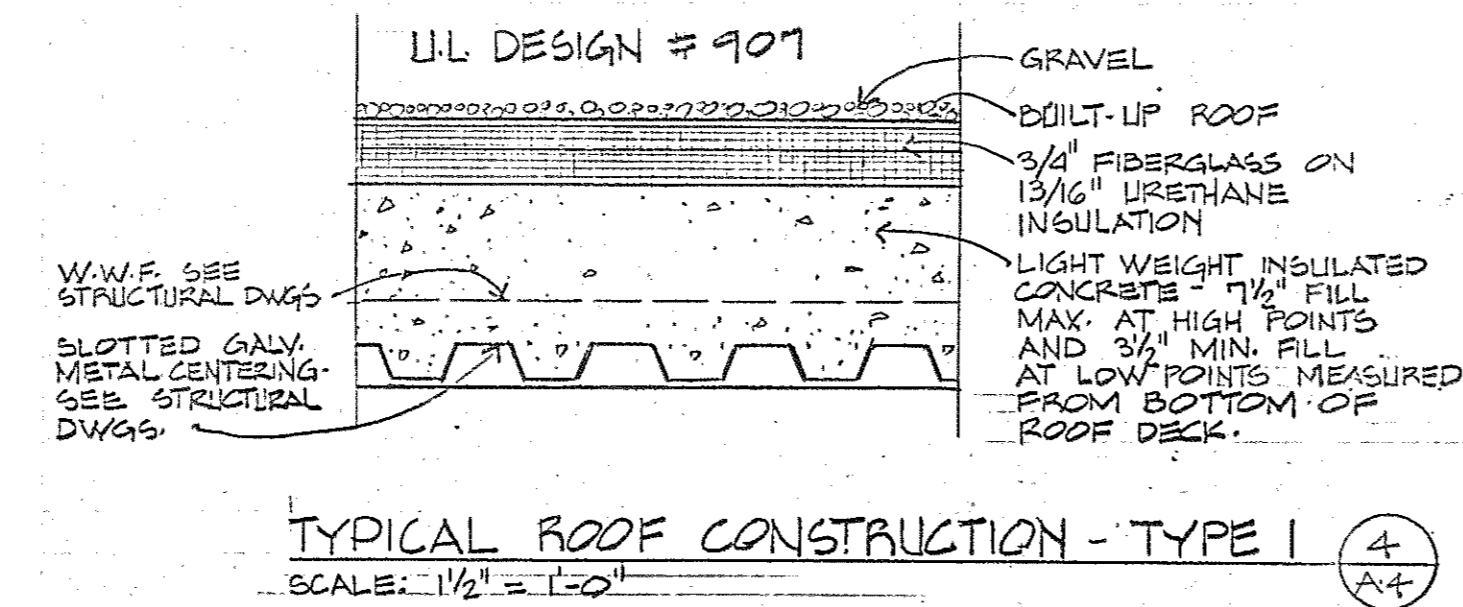


**PLAN - PENTHOUSE 2**  
SCALE: 1/8" = 1'-0"

NOTE:  
#1 CURB AROUND INTERIOR PERIMETER OF PENTHOUSE AND AROUND ALL OPENINGS IN FLOOR. COORDINATE LOCATION OF FLOOR OPENINGS WITH STRUCTURAL & MECHANICAL DRAWINGS.

**ROOF PLAN**  
SCALE: 1/8" = 1'-0"

NOTE: 1. HIGHER LOW POINT ELEVATIONS SHOWN ARE DIMENSIONED TO THE TOP OF THE STRUCTURAL MEMBER FOR TOP OF ROOF ELEVATIONS, ADD 2.1".  
2. ALL ROOF CONSTRUCTION TYPE 1, UNLESS OTHERWISE NOTED.



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**George Evans & Associates, Inc.** 130 WEST HAMILTON STREET  
BALTIMORE, MARYLAND 21201

**Moore/Lewis Inc.** 2435 NORTH CALVERT STREET  
BALTIMORE, MARYLAND 21218

USING AGENCY APPROVAL  
*Robert T. French*

DEPARTMENT OF GENERAL SERVICES  
PROJECT ADMINISTRATOR  
*James E. Morley* 3/31/83  
DATE

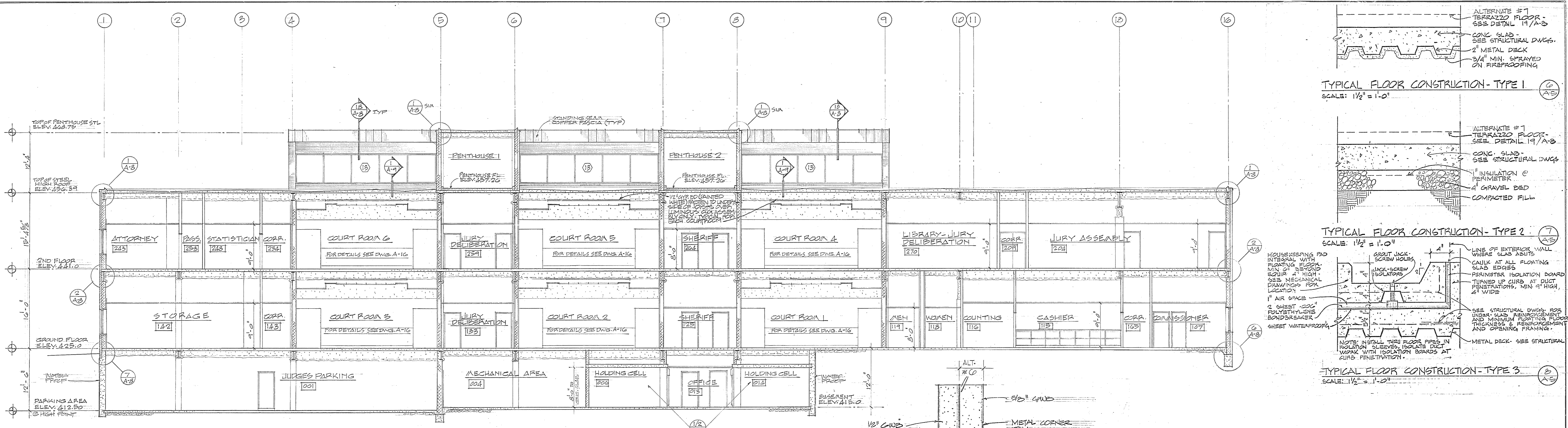
TITLE  
*Administrative, MISC* 3/29/83  
DATE

DIRECTOR, ENGR. & CONST.  
*James E. Morley* 3/31/83  
DATE

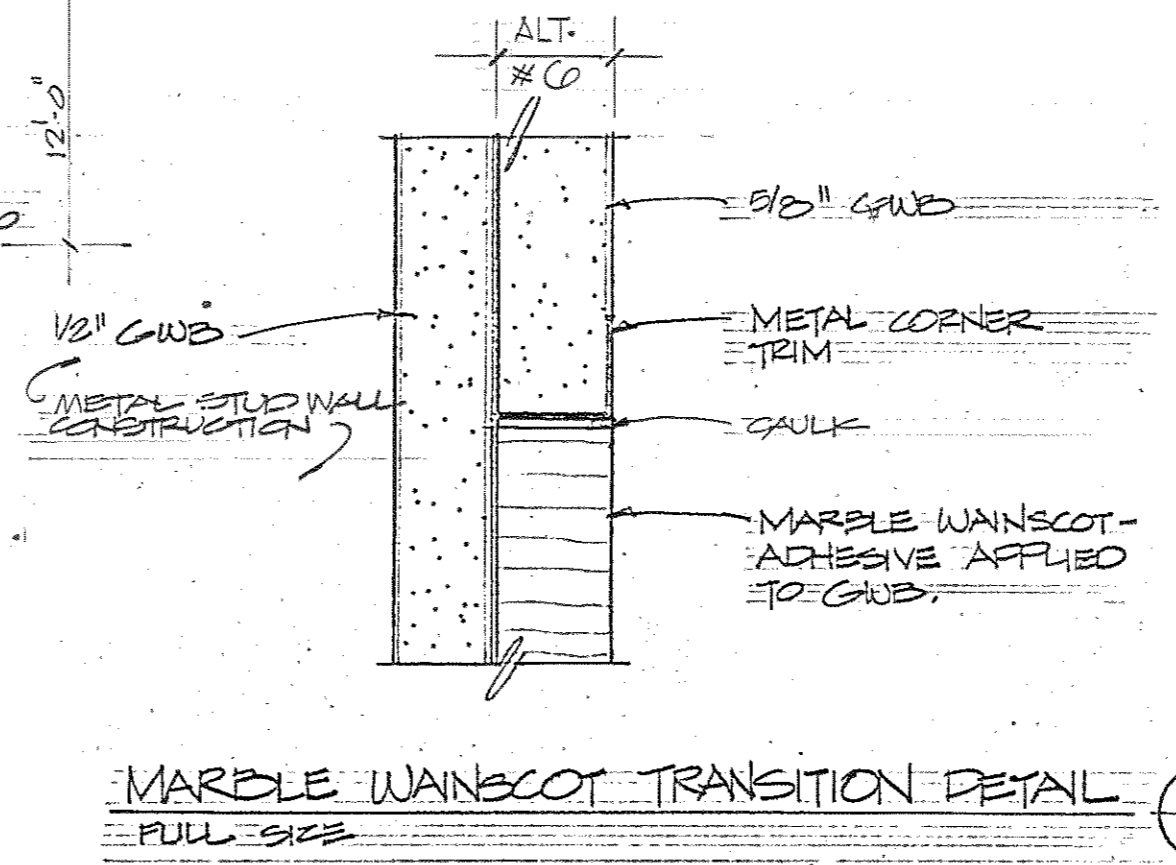
REVISIONS	
△	REV. #1 3-28-83
△	AS BUILT REVISIONS 3-5-86

Northwest District Court  
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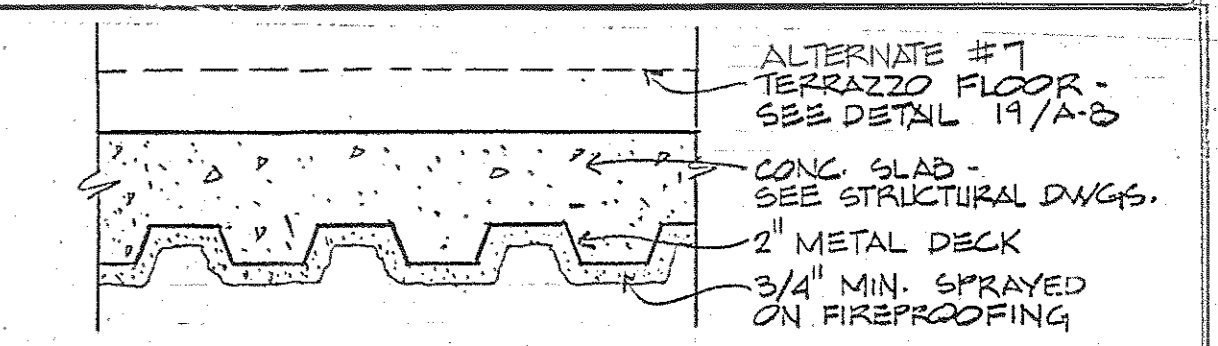
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BC-000-751-001  
**A4**  
BLW/GGPA 8104  
DATE: 20 JAN 1983



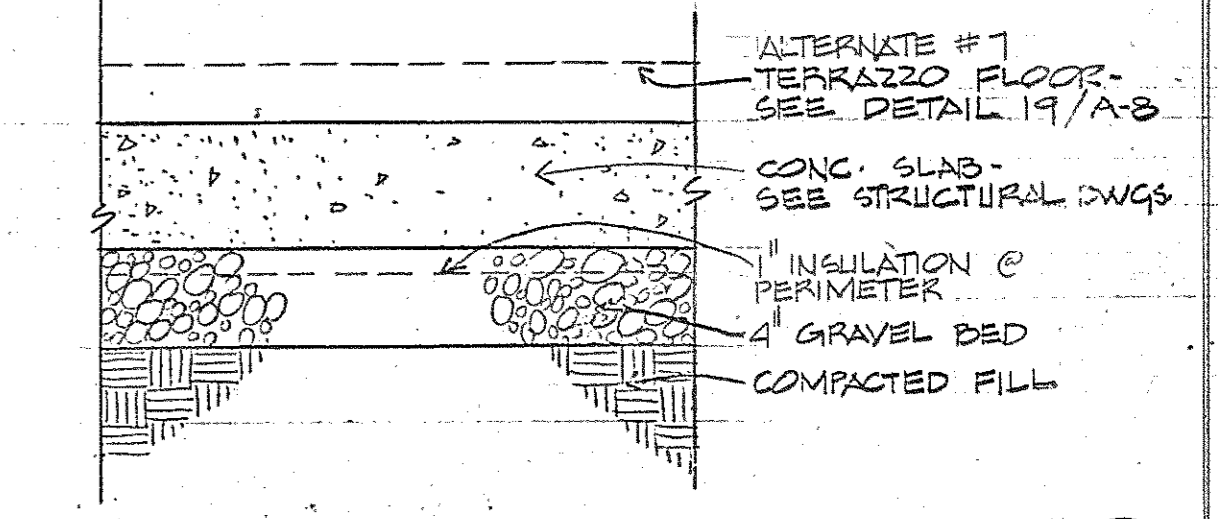
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SCALE: 1/8" = 1'-0"



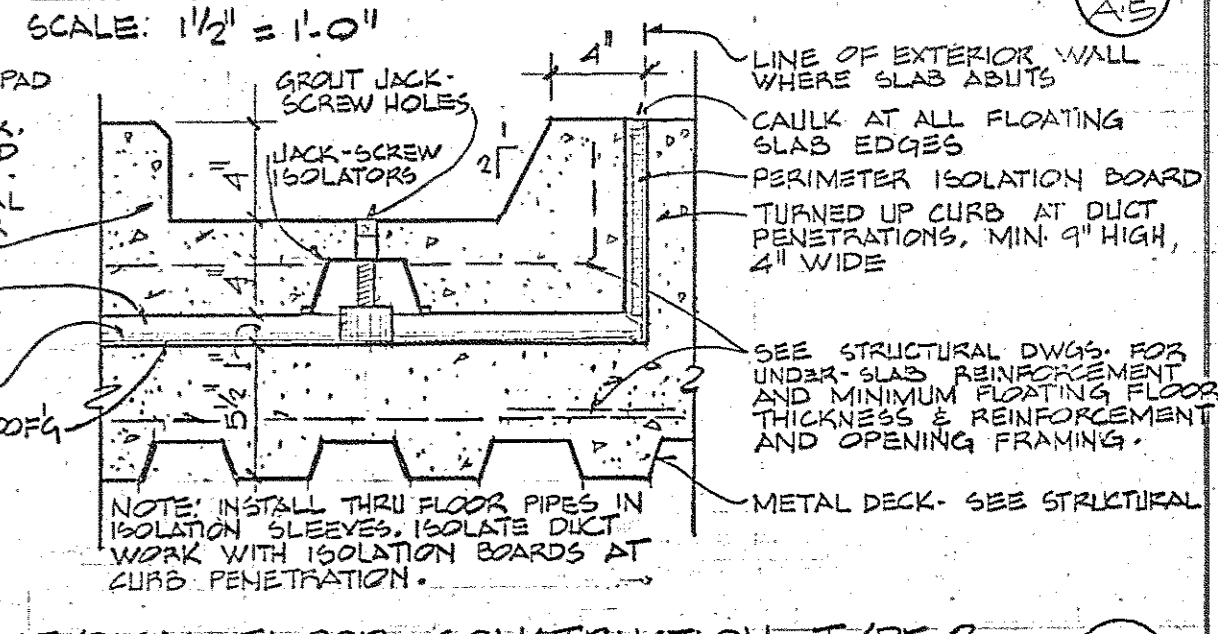
MARBLE WANSCOT TRANSITION DETAIL  
FULL SIZE



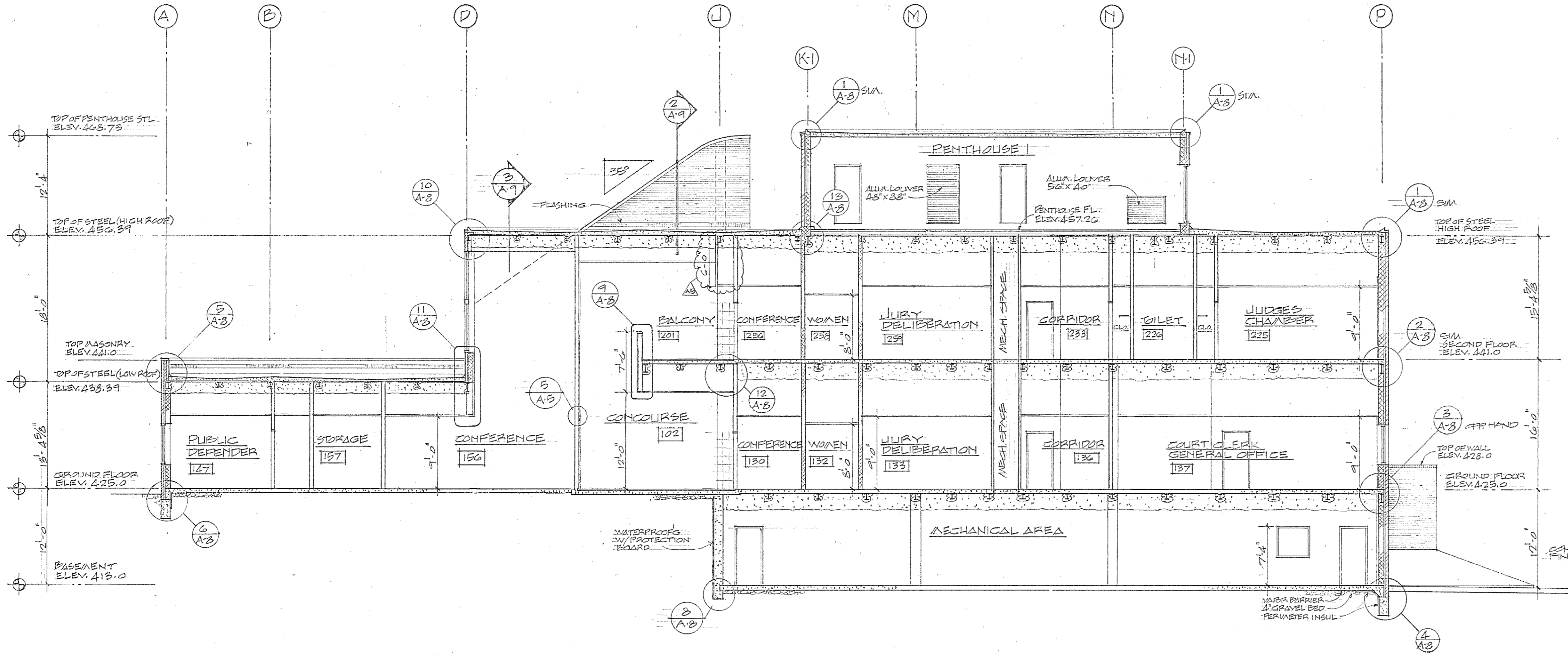
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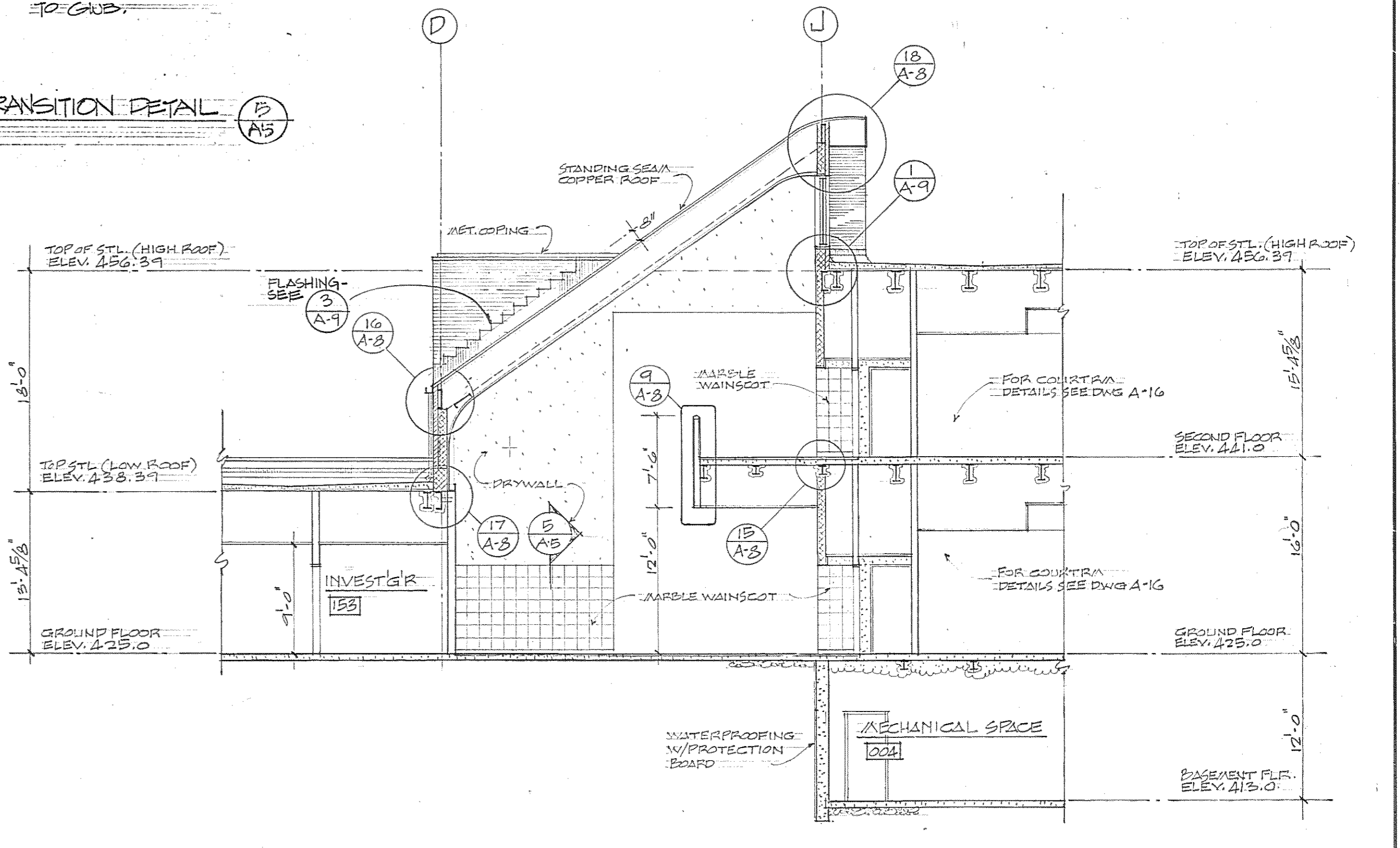
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TYPICAL FLOOR CONSTRUCTION - TYPE 3  
SCALE: 1/2" = 1'-0"

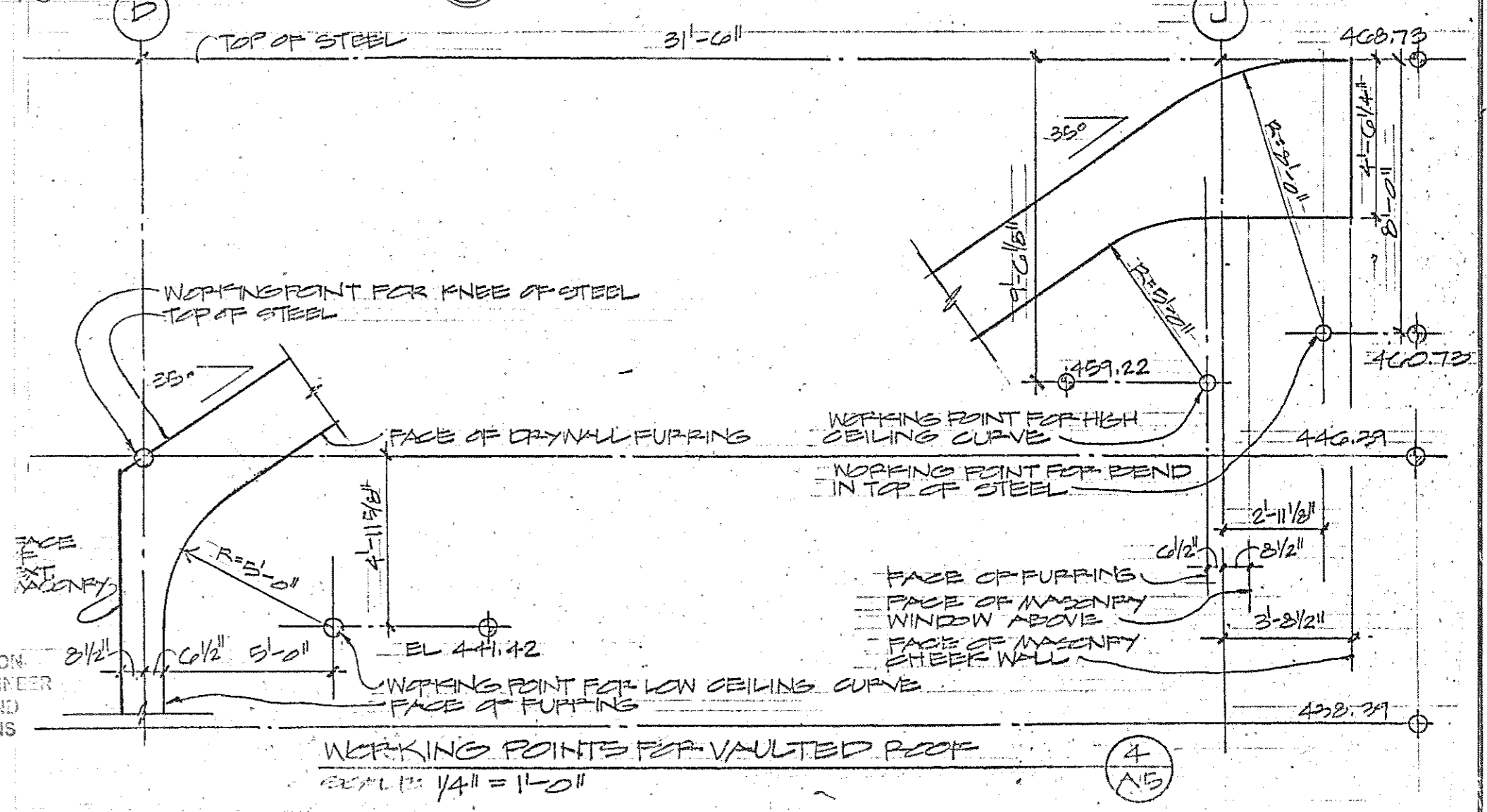


CROSS SECTION "B-B"  
SCALE: 1/8" = 1'-0"



SECTION "C-C"  
SCALE: 1/8" = 1'-0"

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530 EAST JOPPA ROAD 130 WEST HAMILTON STREET 2435 NORTH CALVERT STREET  
TOWSON, MARYLAND 21204 BALTIMORE, MARYLAND 21201 BALTIMORE, MARYLAND 21218

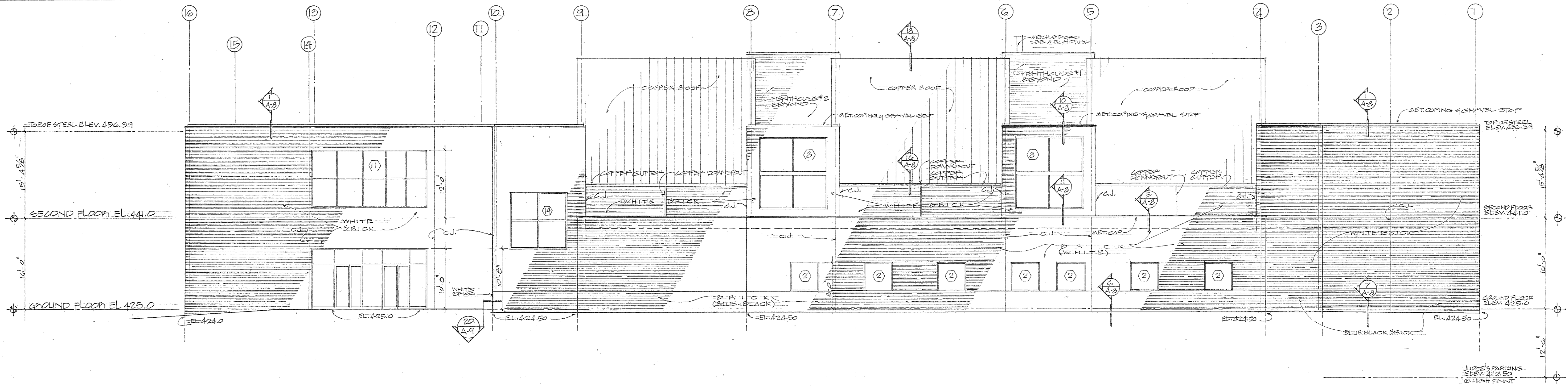
USING AGENCY APPROVAL  
Robert B. Peril  
ADMINISTRATOR, DISC 3/23/83  
DATE

DEPARTMENT OF GENERAL SERVICES  
PROJECT ADMINISTRATOR  
DATE 3/23/83

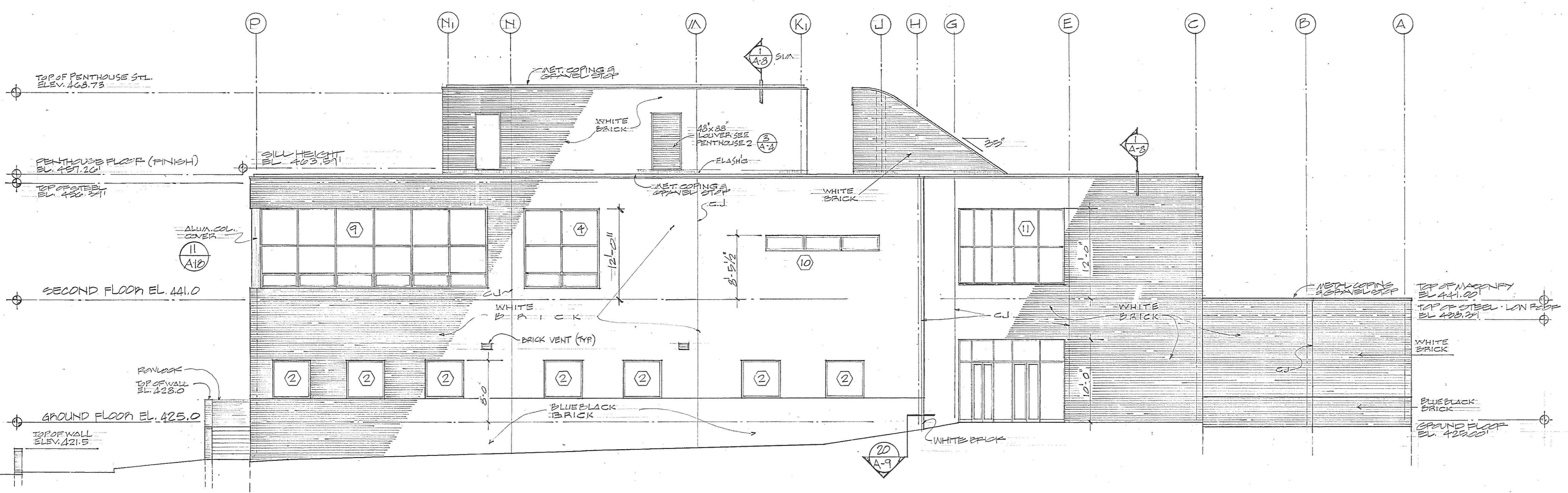
REVISIONS  
REV #1 3-28-83  
AS BUILT REVISIONS 5-3-86

Northwest District Court  
Wabash Avenue  
Baltimore, Maryland

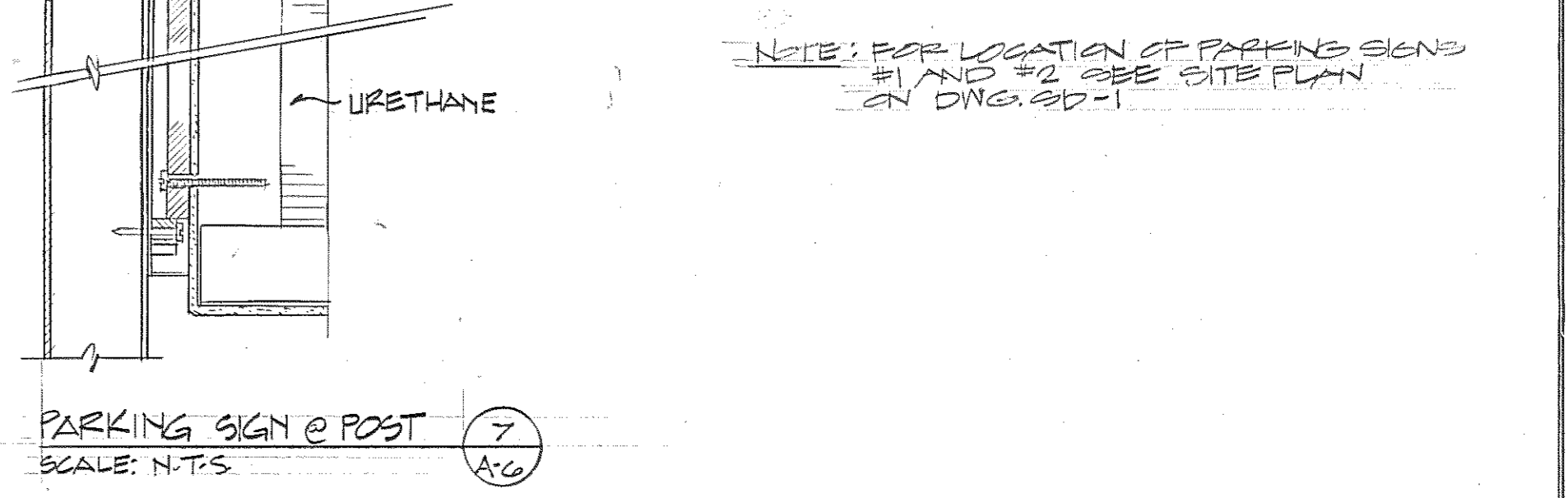
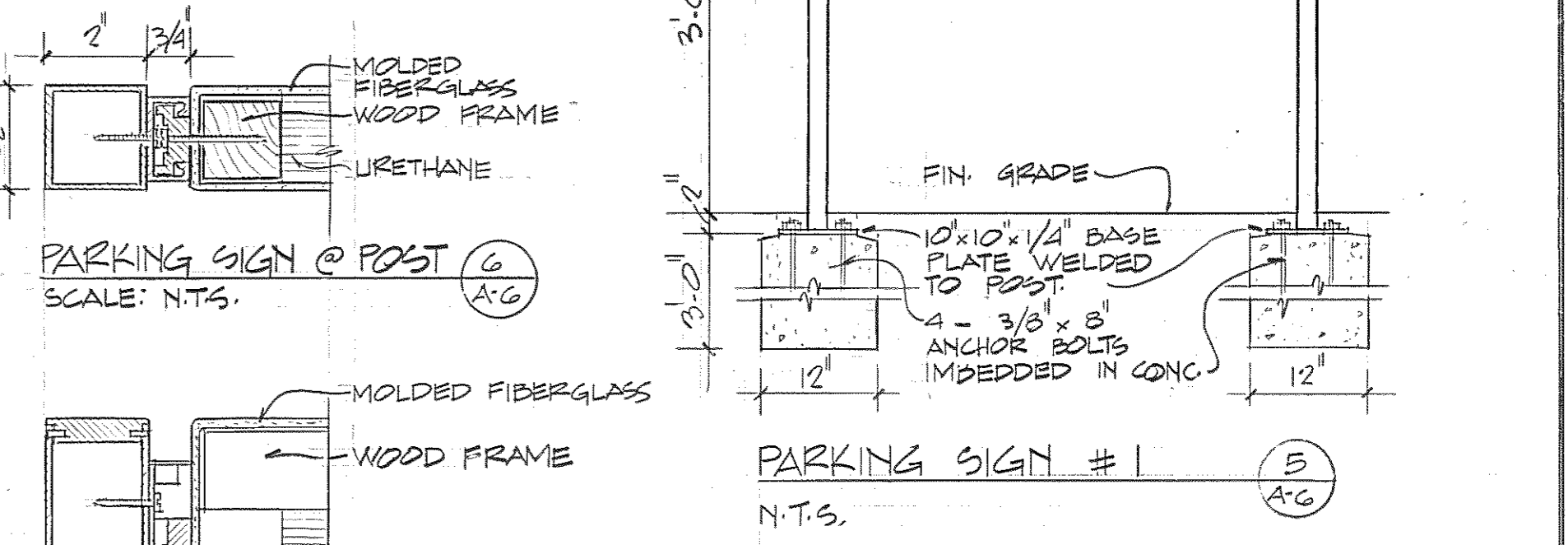
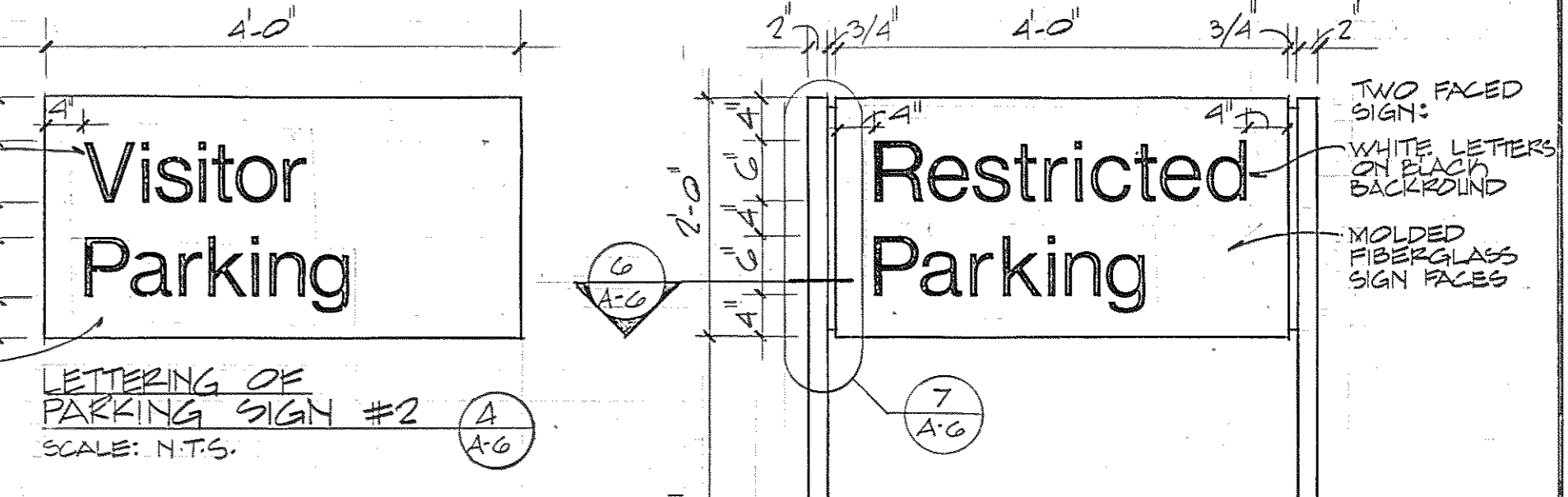
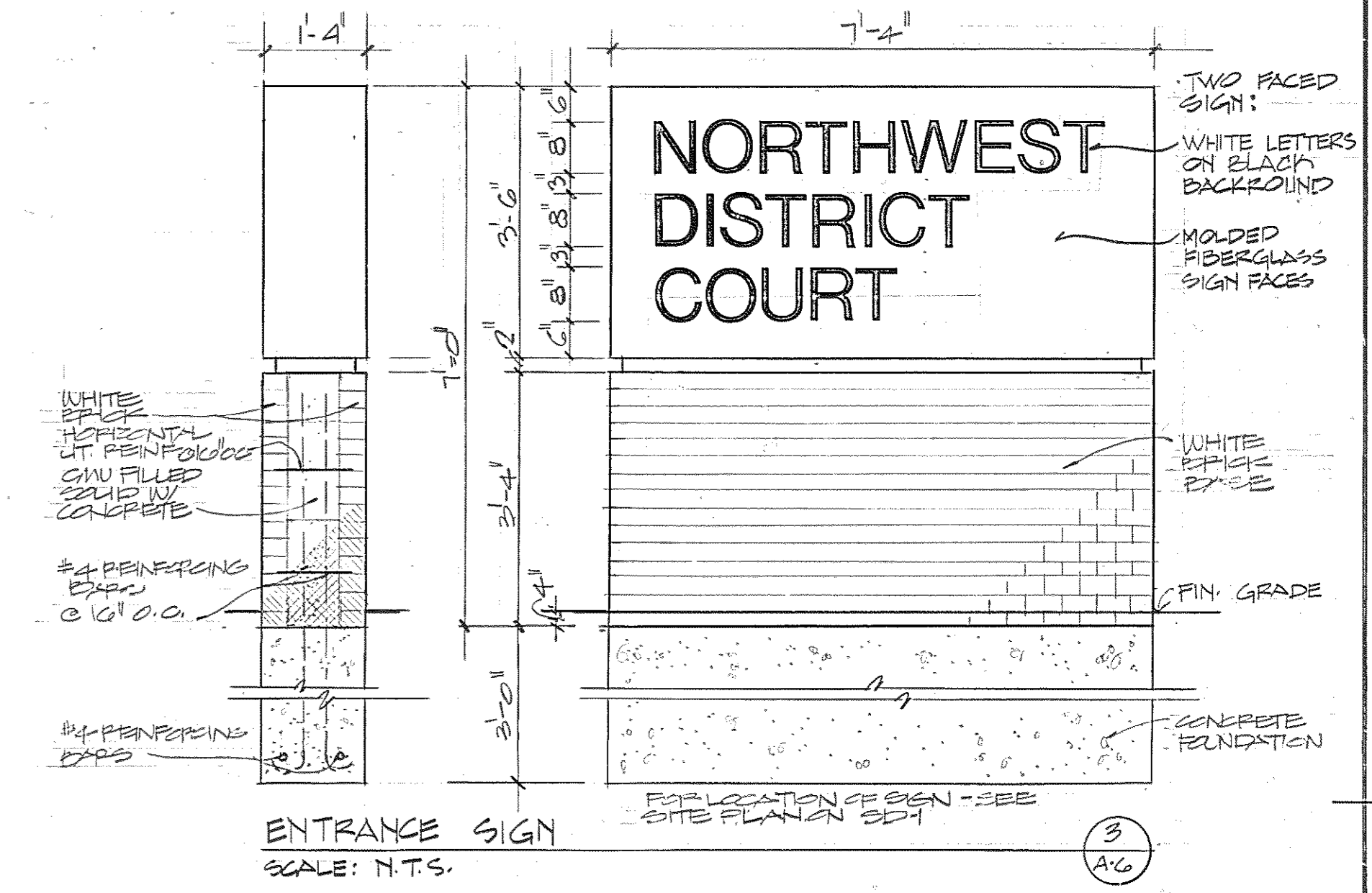
DRAWING NO. BC-00-751-001  
A5  
BW/GCPA 3104  
DATE: 20 JAN 1982



**NORTHWEST ELEVATION**  
SCALE: 1/8" = 1'-0"



**NORTHEAST ELEVATION**  
SCALE: 1/8" = 1'-0"



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Baltimore, Maryland 21218

**Daft-McCune-Walker, Inc.**  
530 EAST JOPPA ROAD  
TOWSON, MARYLAND 21204

**George Evans & Associates, Inc.**  
130 WEST HAMILTON STREET  
BALTIMORE, MARYLAND 21201

**Moore/Lewis Inc.**  
2435 NORTH CALVERT STREET  
BALTIMORE, MARYLAND 21218

USING AGENCY APPROVAL  
*Robert R. Sweet*  
TITLE: *Administrative, mrc* DATE: *7/21/83*

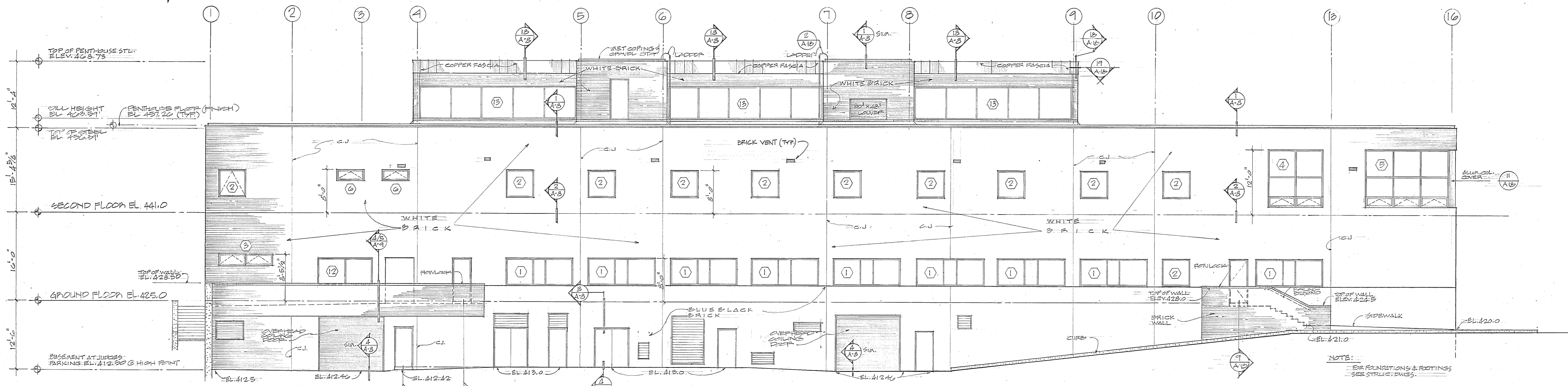
DEPARTMENT OF GENERAL SERVICES  
PROJECT ADMINISTRATOR  
*James W. ...* DATE: *8/21/83*

REVISIONS  
REV. #1 3-28-83

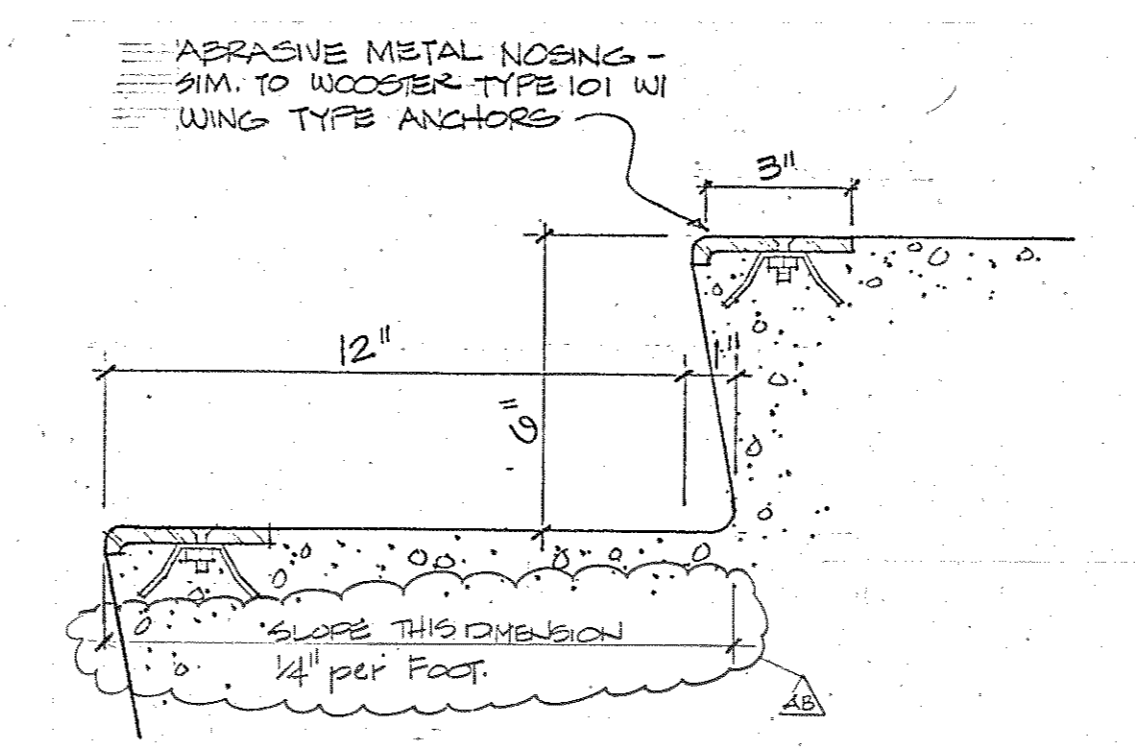
Northwest District Court  
Wabash Avenue  
Baltimore, Maryland

DRAWING NO.  
BC-000-751-001  
**A6**  
BWJ/GGPA 8104  
DATE: 20 JAN 1983

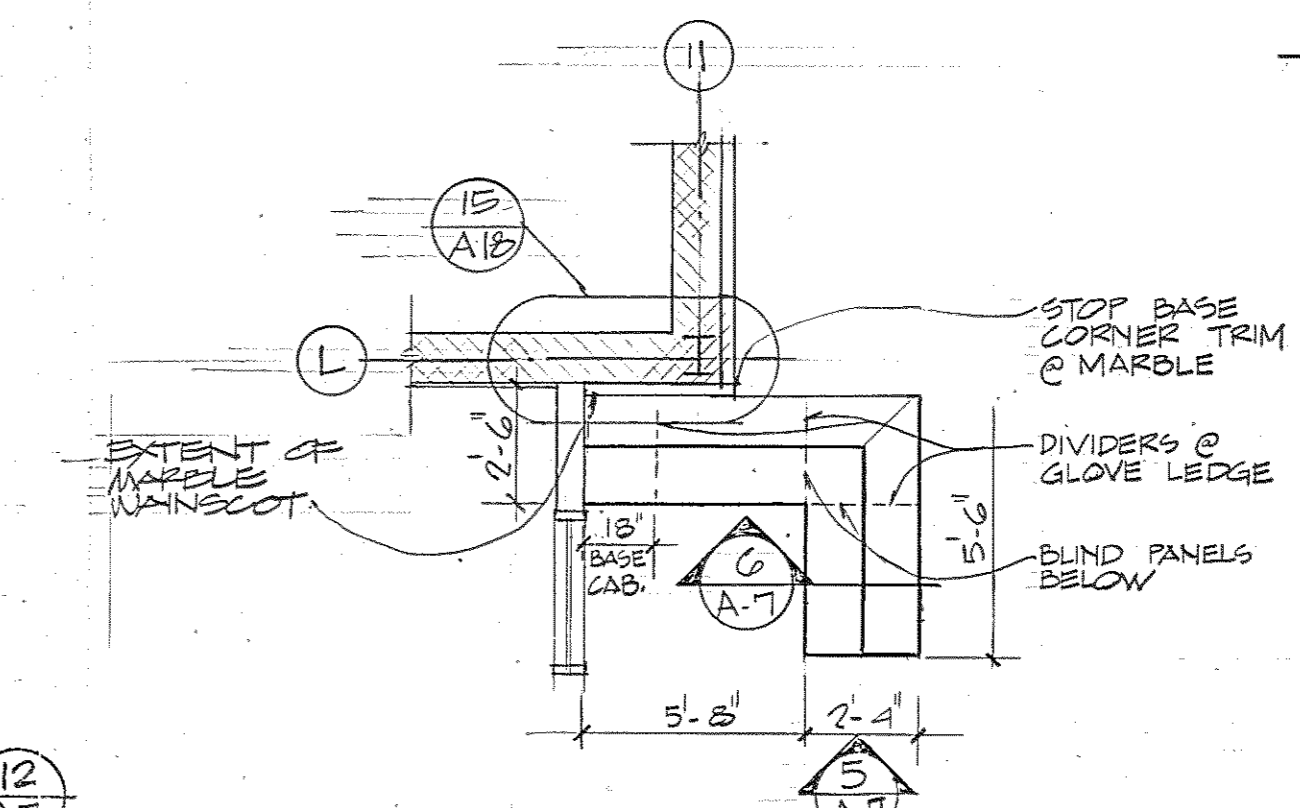
FILE NO. 84 - DWA. NO. 366



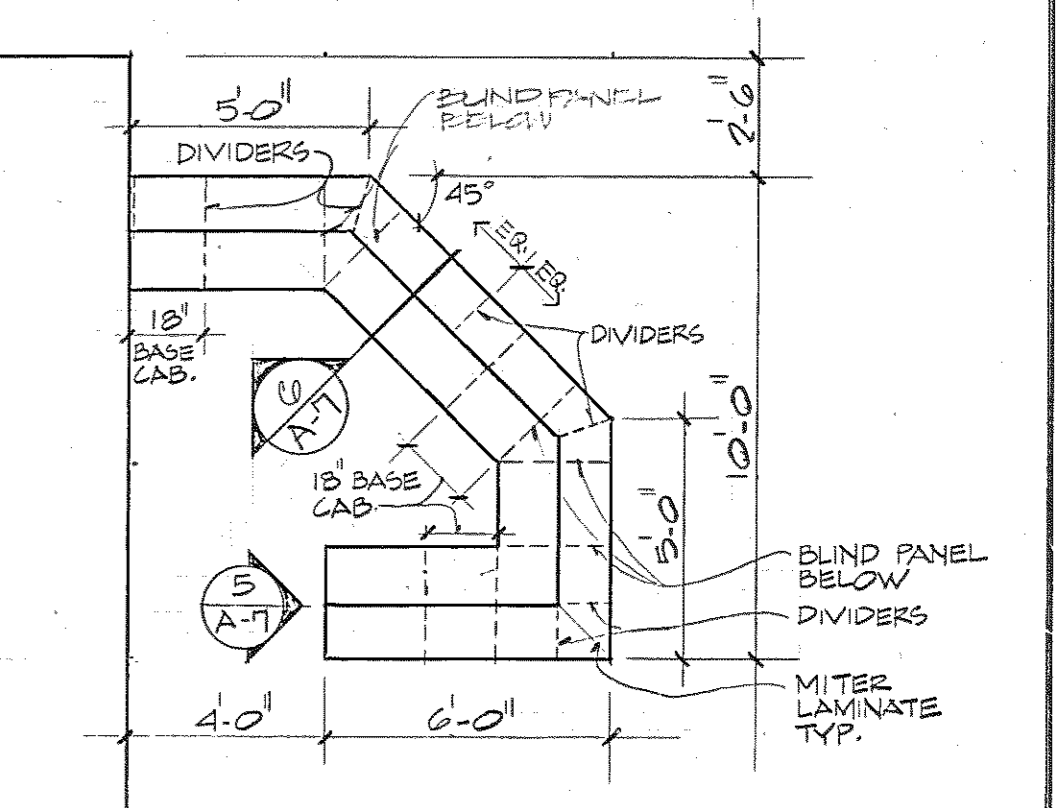
**SOUTHEAST ELEVATION**  
SCALE: 1/8" = 1'-0"



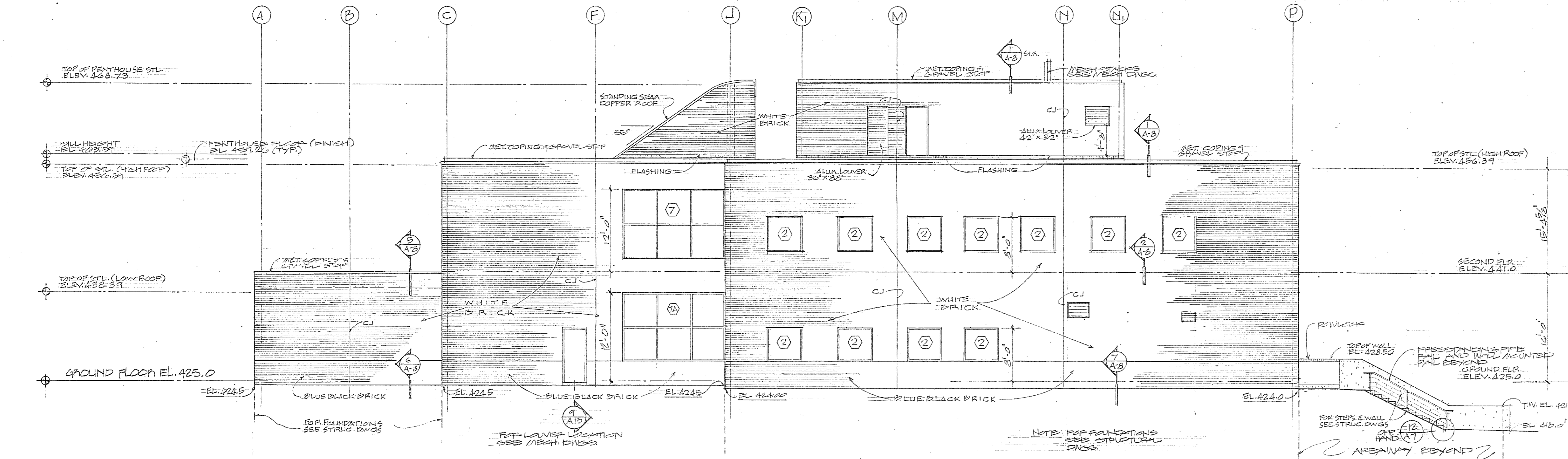
**TYP. EXTERIOR CONCRETE STAIR DETAIL**  
SCALE: 3/4" = 1'-0"



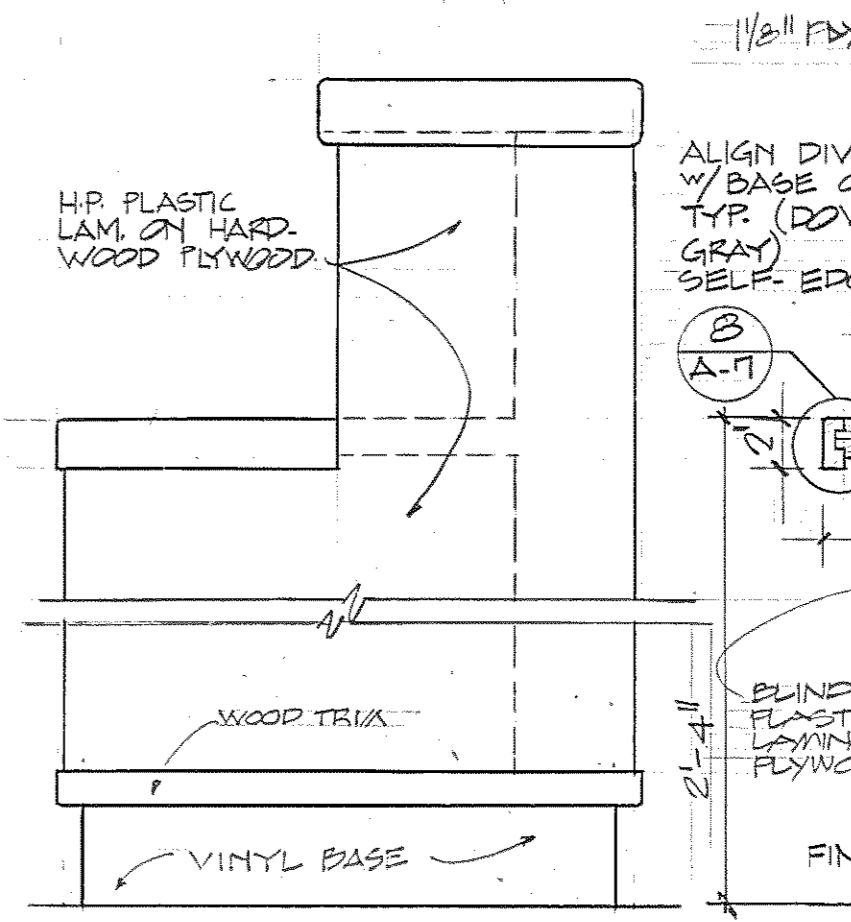
**DESK @ SECURITY 208**  
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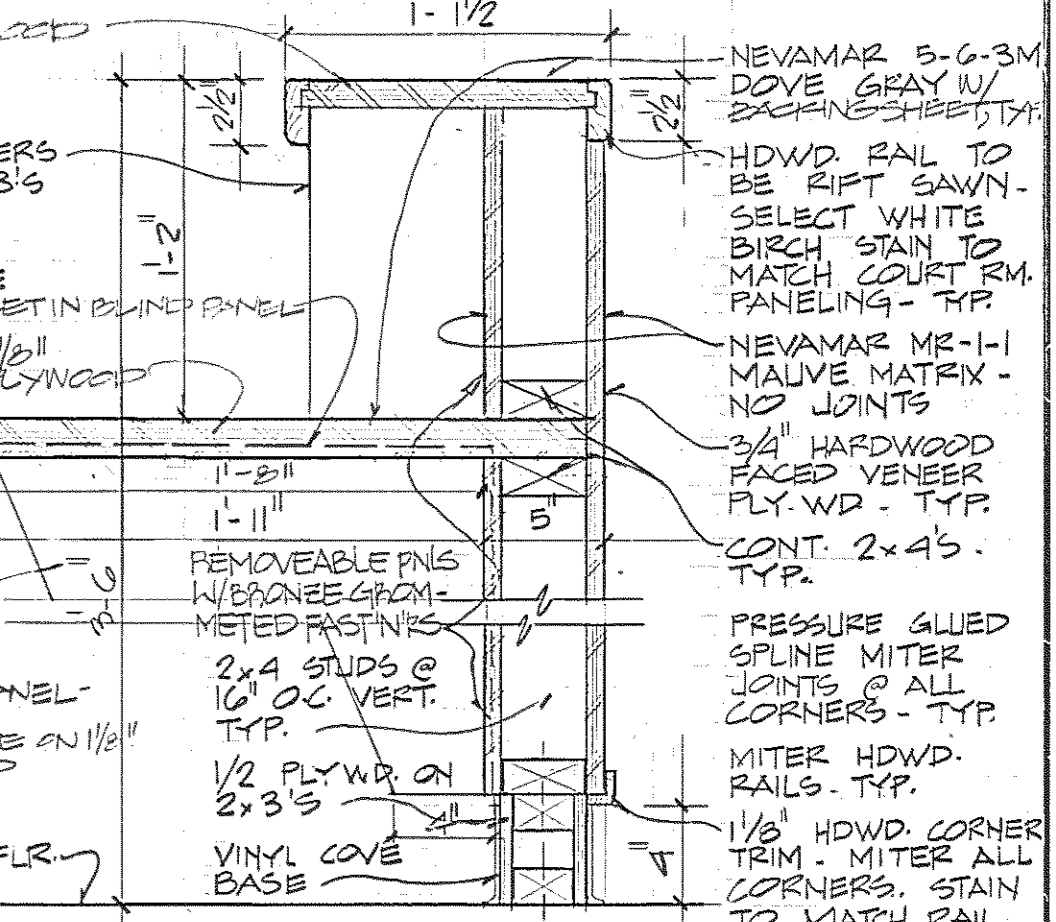
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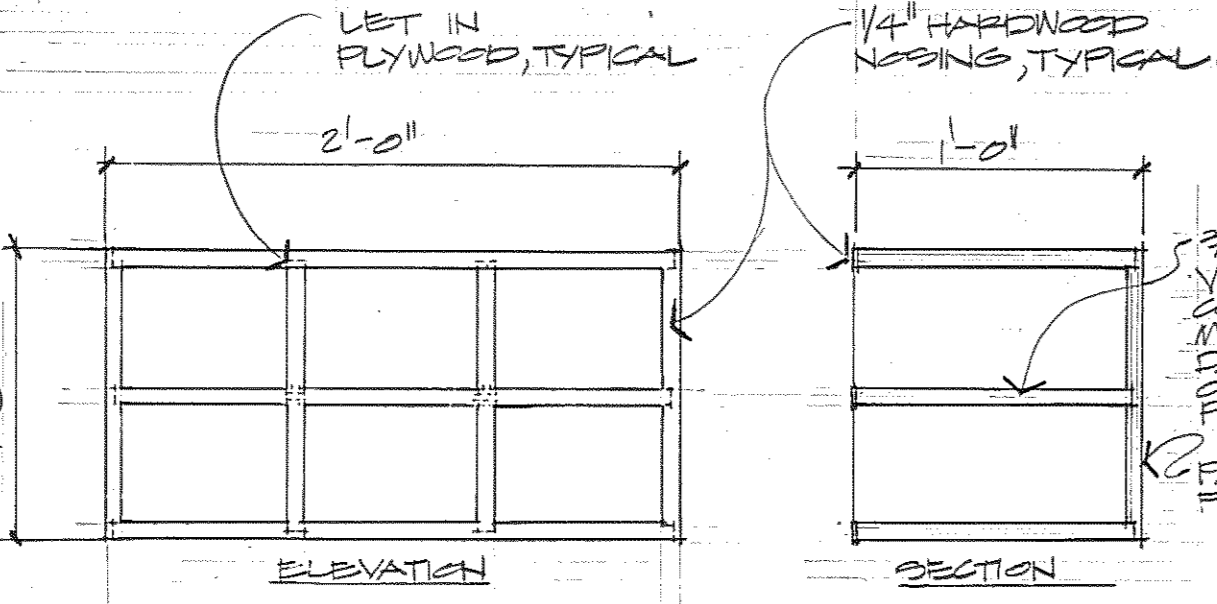
**SOUTHWEST ELEVATION**  
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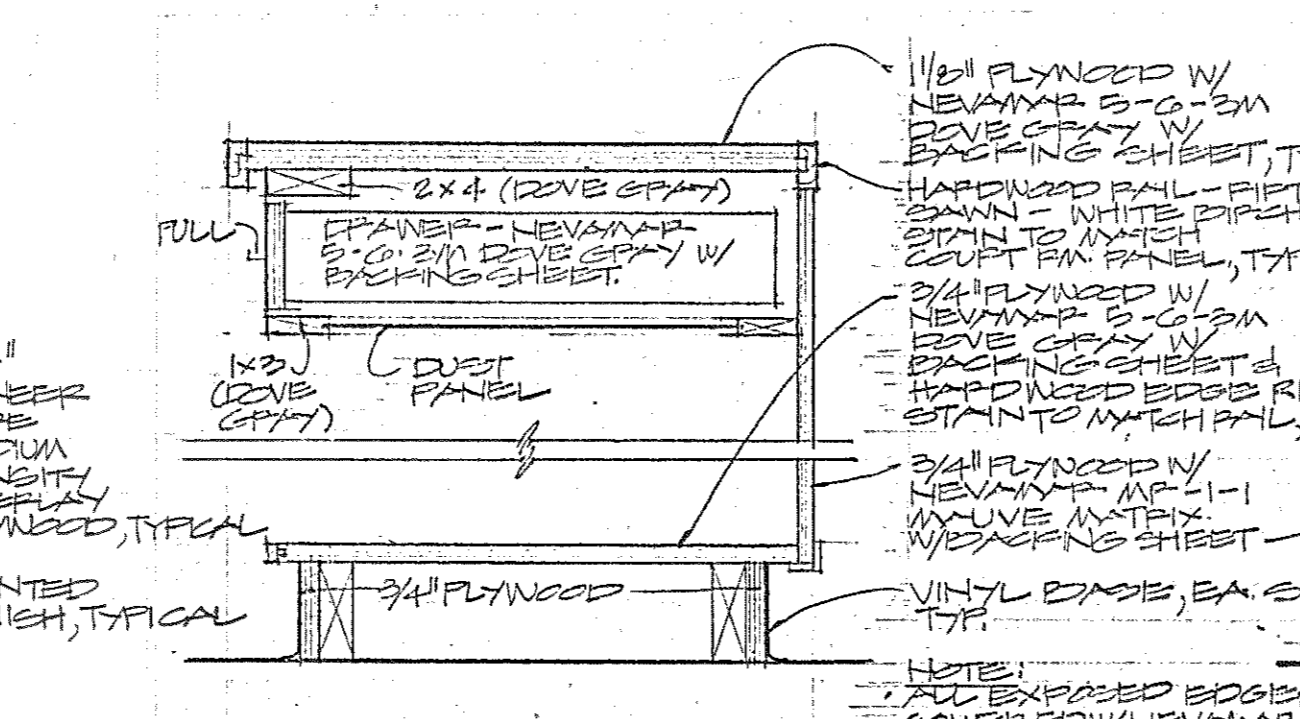
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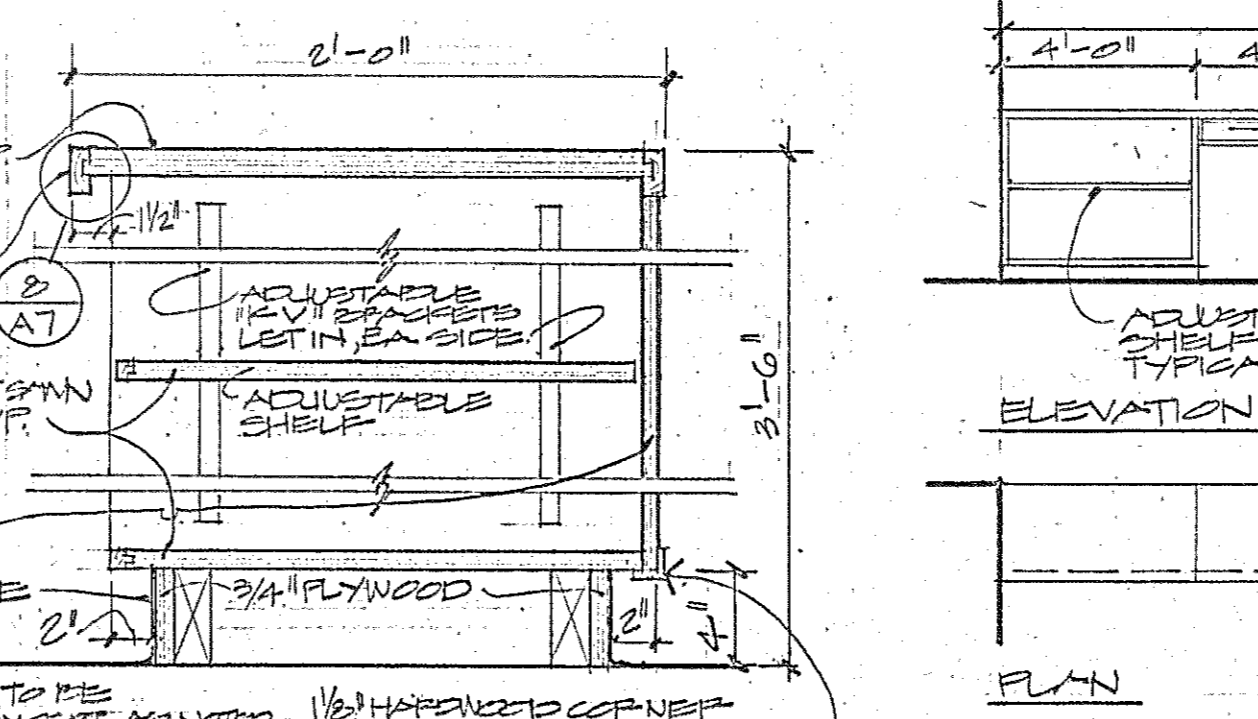
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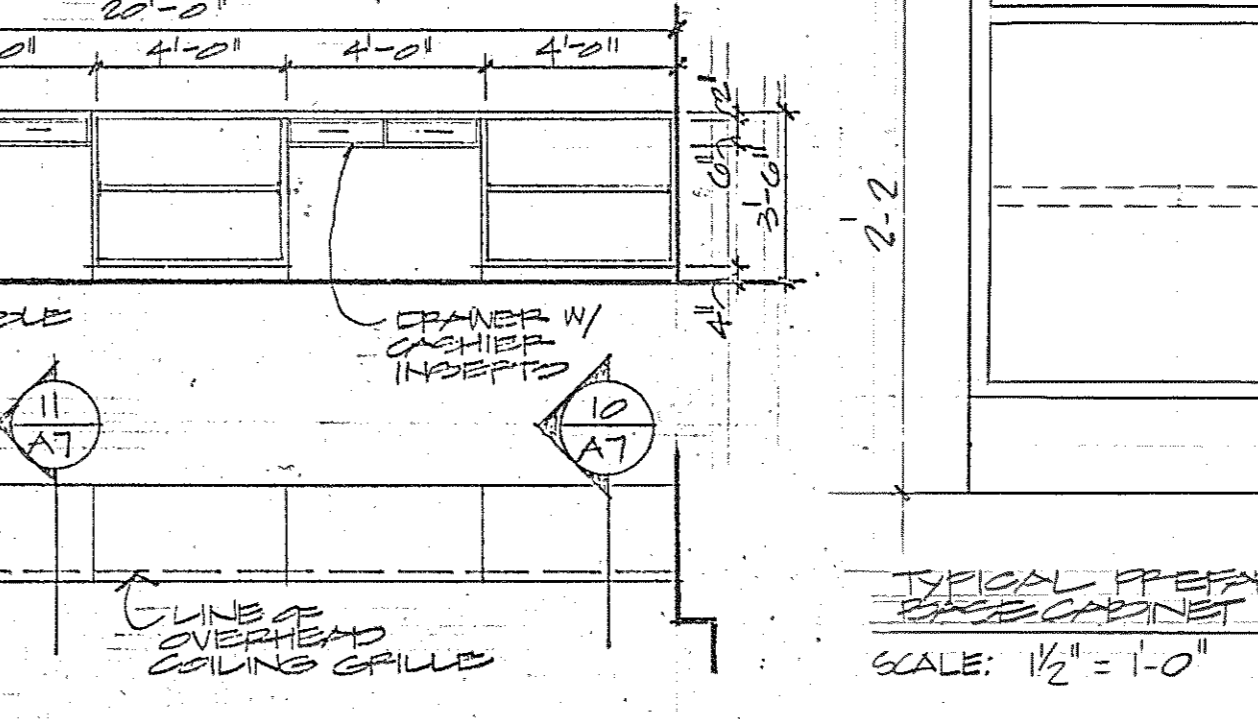
**GUN STORAGE**  
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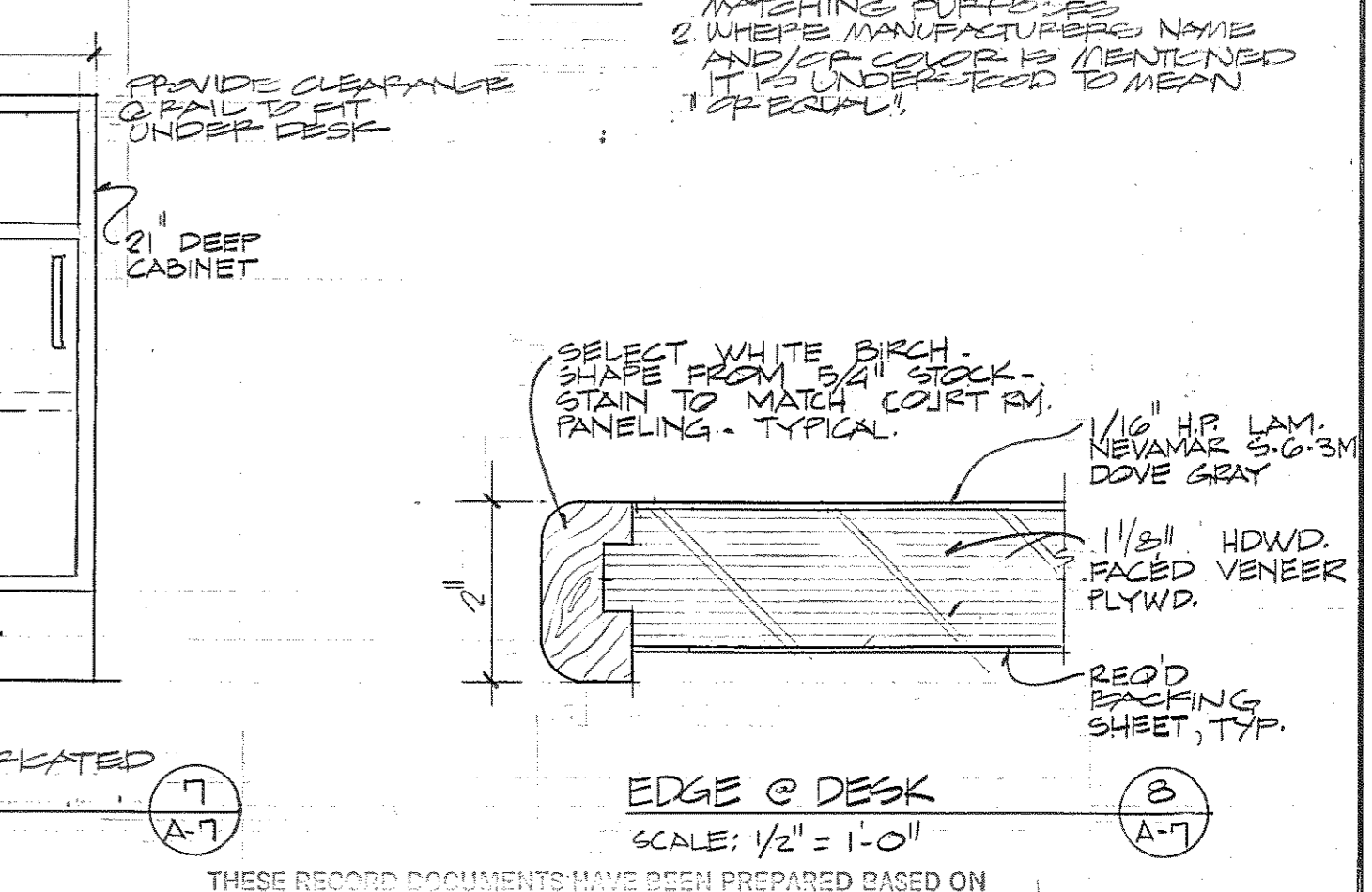
**SECTION @ DRAWER**  
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**SECTION @ SHELF**  
SCALE: 1/2" = 1'-0"



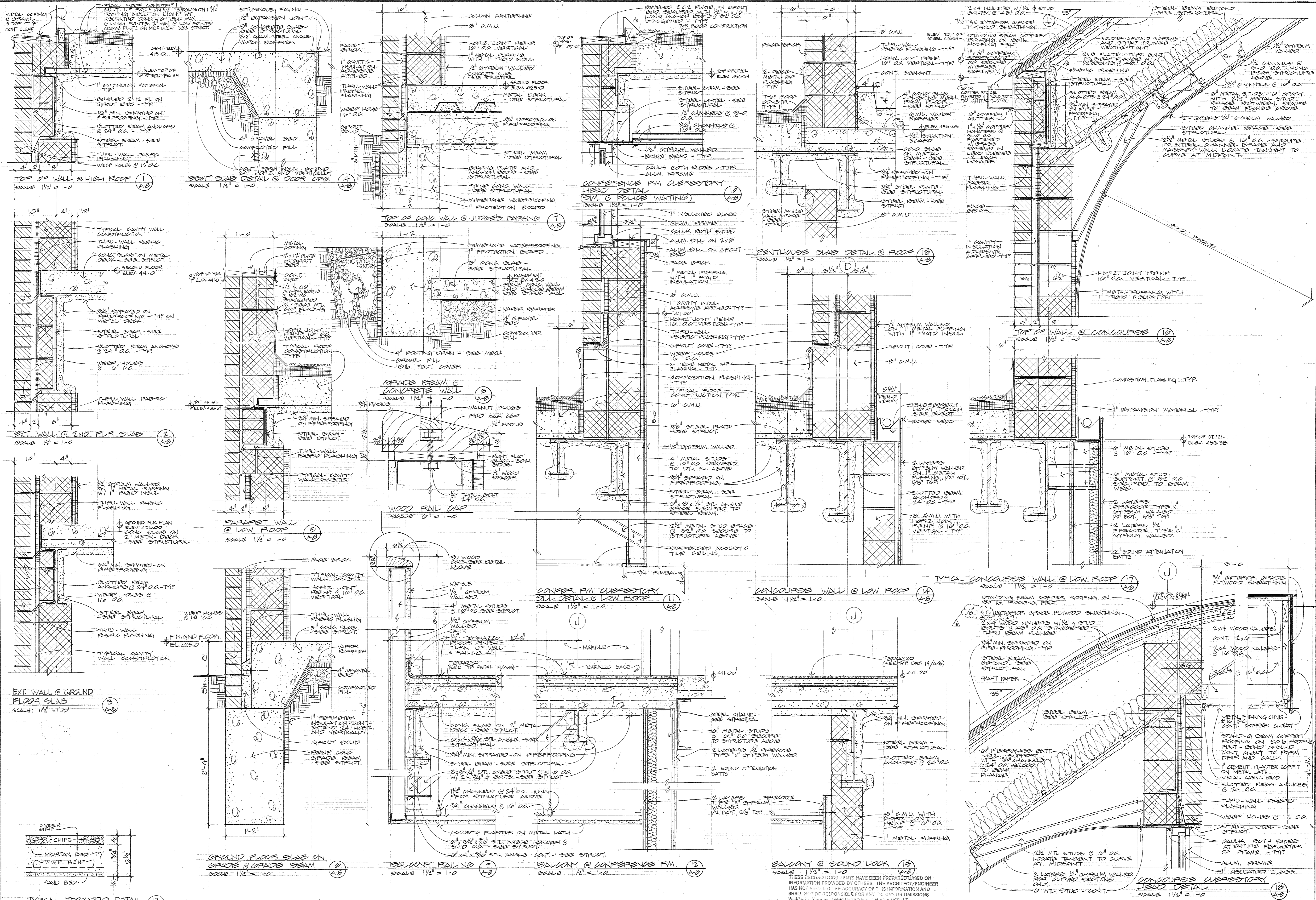
**CASHIER'S COUNTER**  
SCALE: 1/4" = 1'-0"



**EDGE @ DESK**  
SCALE: 1/2" = 1'-0"

NOTE: 1. ALL DIMENSIONS UNLESS OTHERWISE SPECIFIED ARE IN INCHES.  
2. WHERE MANUFACTURER'S NAME IS NOT SPECIFIED, THE ARCHITECT/ENGINEER SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH MAY BE INCORPORATED HEREIN AS A RESULT.

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Daft-McCune-Walker, Inc. 530 EAST JOPPA ROAD TOWSON, MARYLAND 21284		George Evans & Associates, Inc. 130 WEST HAMILTON STREET BALTIMORE, MARYLAND 21201		Moore/Lewis Inc. 2435 NORTH CALVERT STREET BALTIMORE, MARYLAND 21218		PROJECT ADMINISTRATOR DATE		DATE		FILE NO. 84-008 NO. 367	



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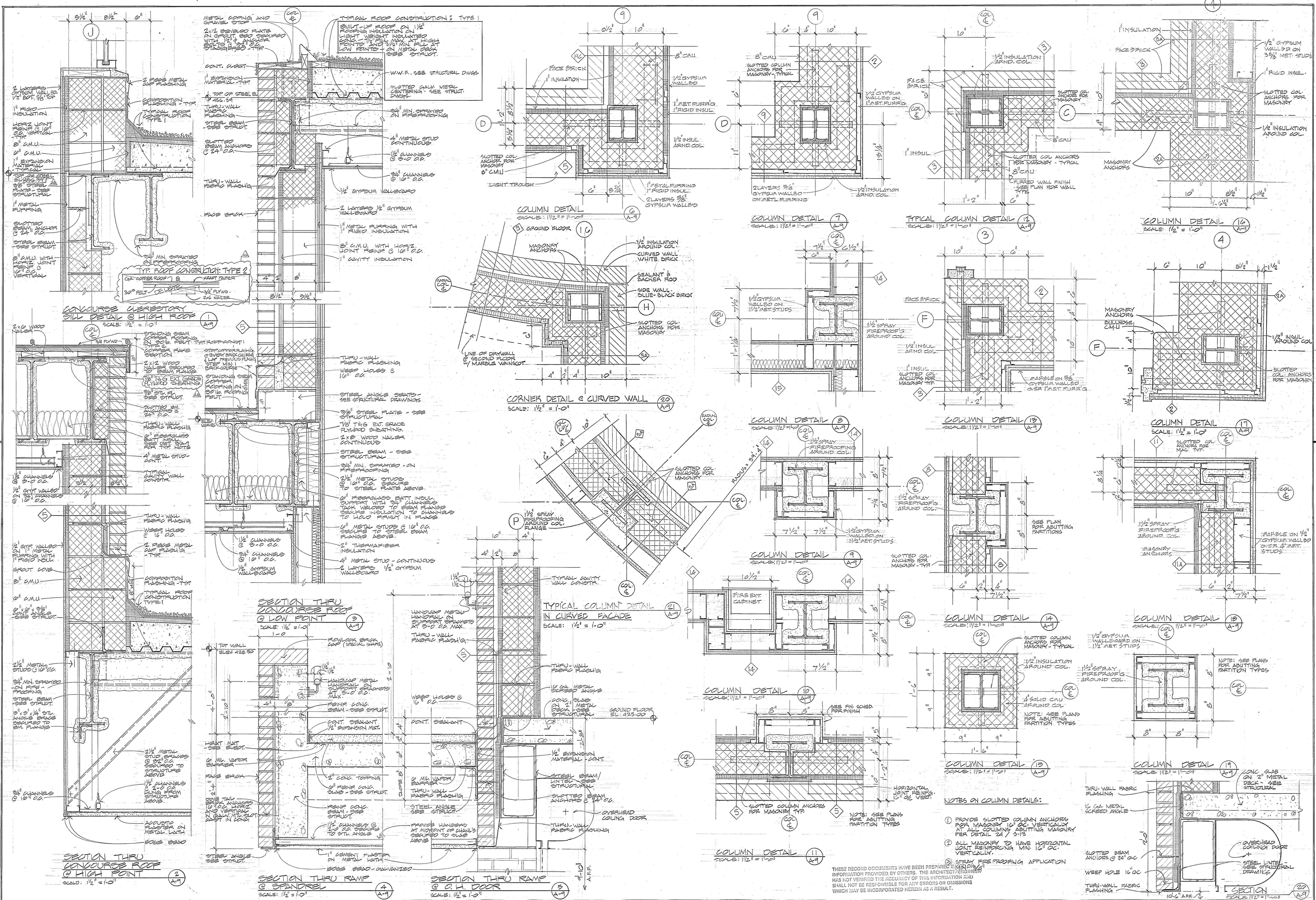
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 A Joint Venture  
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 Baltimore, Maryland 21218  
 Daft-McCune-Walker, Inc. George Evans & Associates, Inc. Moore/Lewis Inc.  
 530 EAST JOPPA ROAD 130 WEST HAMILTON STREET 2435 NORTH CALVERT STREET  
 TOWSON, MARYLAND 21204 BALTIMORE, MARYLAND 21201 BALTIMORE, MARYLAND 21218

USING AGENCY APPROVAL  
 DEPARTMENT OF GENERAL SERVICES  
 PROJECT ADMINISTRATOR  
 DATE  
 TITLE  
 DATE

REVISIONS	
REV #1	3-25-83
AS BUILT REVISIONS	3-5-86

Northwest District Court  
 Wabash Avenue  
 Baltimore, Maryland

DRAWING NO.  
 BC-000-751-001  
**A 8**  
 BWJ/GGA 8104  
 DATE: 20 JAN 1983

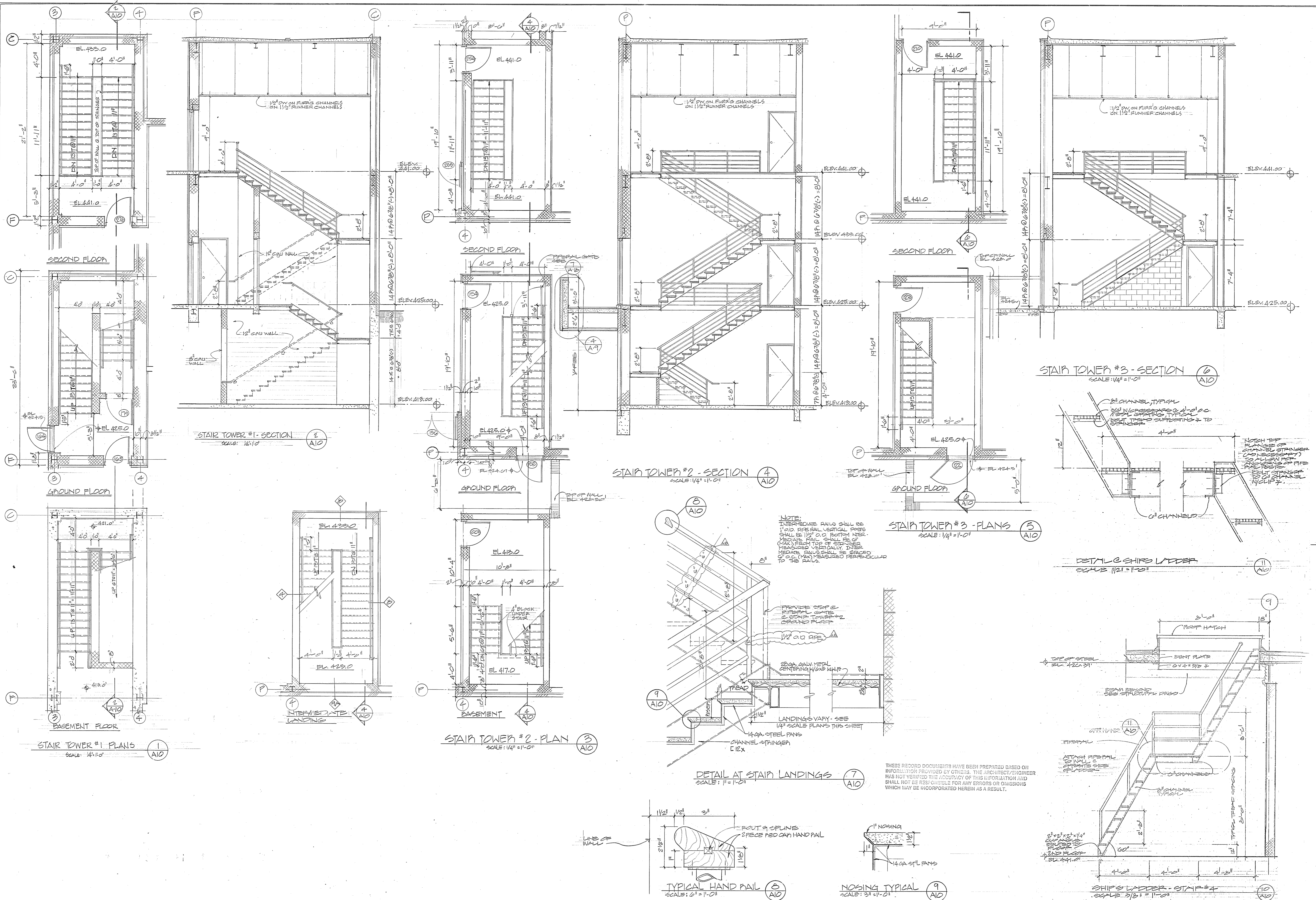


NOTES ON COLUMN DETAILS:

- 1) PROVIDE SLOTTED COLUMN ANCHORS FOR MASONRY 12" OC VERTICALLY AT ALL COLUMN ABUTTING MASONRY PER DETAIL 24 / 5-13
- 2) ALL MASONRY TO HAVE HORIZONTAL JOINT REINFORCING MIN. 12" OC.
- 3) SPRAY FIREPROOFING APPLICATION

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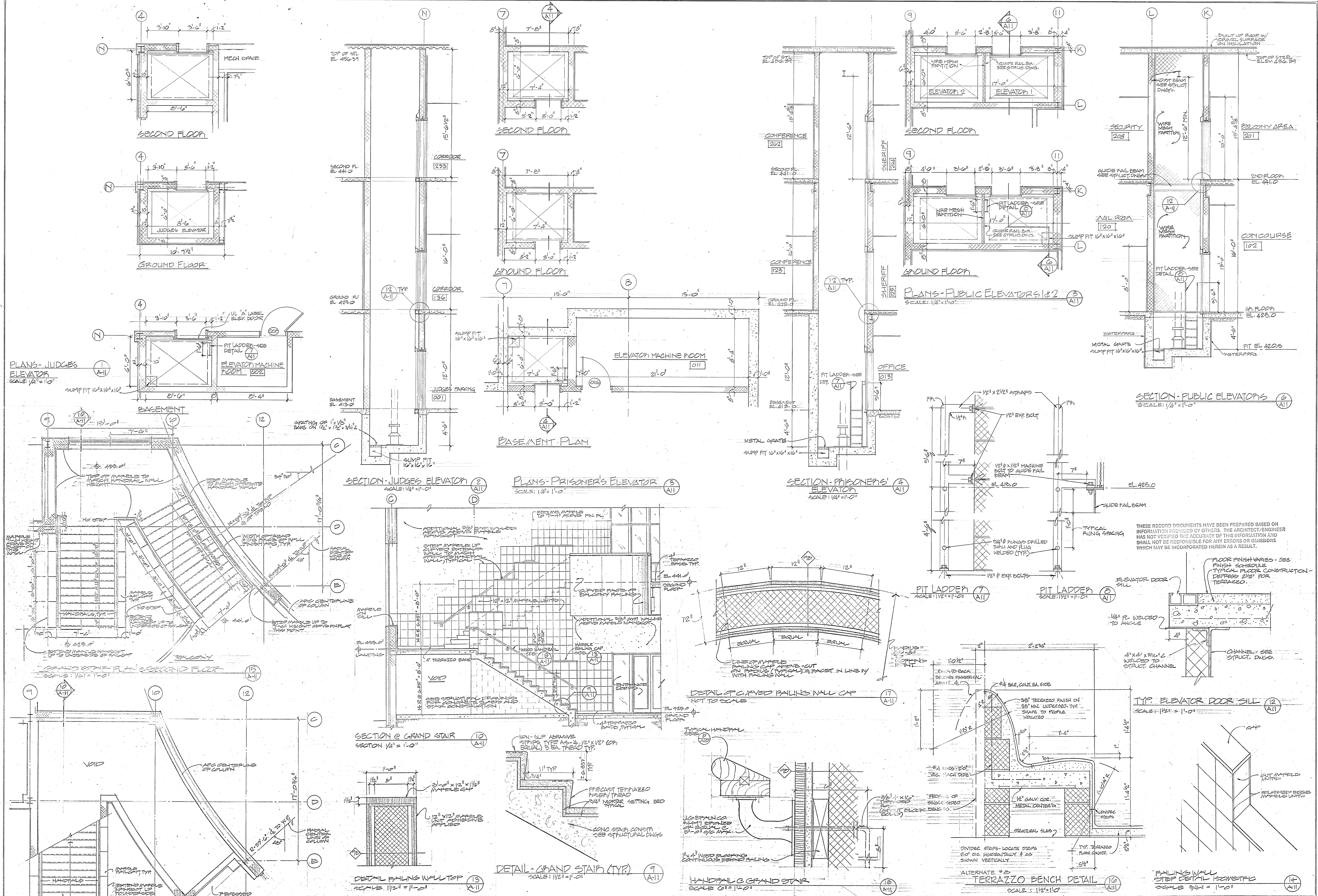
<b>Browne, Worrall &amp; Johnson/Gutwein-Guenther Professional Association</b> A Joint Venture 2435 North Calvert Street Baltimore, Maryland 21218		USING AGENCY APPROVAL <i>Robert B. Smith</i> PROJECT ADMINISTRATOR DATE: 3/21/83	DEPARTMENT OF GENERAL SERVICES PROJECT ADMINISTRATOR DATE: 3/21/83	REVISIONS Δ PEX-41 - 3/23/83 Δ AB BUILT REVISIONS 5/13/86	DRAWING NO. BC-000-751-001 <b>A9</b> BWW/GGP/8104 DATE: 20 JAN 83
Daft-McCune-Walker, Inc. 530 EAST JOPPA ROAD TOWSON, MARYLAND 21284	George Evans & Associates, Inc. 130 WEST HAMILTON STREET BALTIMORE, MARYLAND 21201	Moore/Lewis Inc. 2435 NORTH CALVERT STREET BALTIMORE, MARYLAND 21218	Northwest District Court Wabash Avenue Baltimore, Maryland		



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 Daft-McCune-Walker, Inc. George Evans & Associates, Inc. Moore/Lewis Inc.  
 530 EAST JOPPA ROAD 130 WEST HAMILTON STREET 2435 NORTH CALVERT STREET  
 TOWSON, MARYLAND 21284 BALTIMORE, MARYLAND 21201 BALTIMORE, MARYLAND 21218

USING AGENCY APPROVAL  
 Wabab B. J. J. J.  
 ADMINISTRATOR, MISC 2/25/13  
 DATE  
 DEPARTMENT OF GENERAL SERVICES  
 PROJECT ADMINISTRATOR  
 DATE  
 REVISIONS  
 REV #1 3-28-13  
 AD ADJUT REVISIONS 3-5-13

Northwest District Court  
 Wabash Avenue  
 Baltimore, Maryland  
 DRAWING NO.  
 BC-900-751-001  
 A10  
 BWW/GGPA 8104  
 DATE: 20 JAN 1983



Browne, Worrall & Johnson/Gutwein-Guenther Professional Association  
 2435 North Calvert Street  
 Baltimore, Maryland 21218

Daft-McCune-Walker, Inc. 530 EAST JOPPA ROAD TOWSON, MARYLAND 21204

George Evans & Associates, Inc. 130 WEST HAMILTON STREET BALTIMORE, MARYLAND 21201

Moore/Lewis Inc. 2435 NORTH CALVERT STREET BALTIMORE, MARYLAND 21218

REGISTERED PROFESSIONAL ARCHITECT  
 3020  
 Robert B. Smith  
 ADMINISTRATOR, NSC 3/29/83  
 DATE

USING AGENCY APPROVAL  
 Robert B. Smith  
 ADMINISTRATOR, NSC 3/29/83  
 DATE

DEPARTMENT OF GENERAL SERVICES  
 PROJECT ADMINISTRATOR  
 DATE

REVISIONS	
REV #1 - 3-28-83	AS BUILT REVISIONS 3-3-86

Northwest District Court  
 Wabash Avenue  
 Baltimore, Maryland

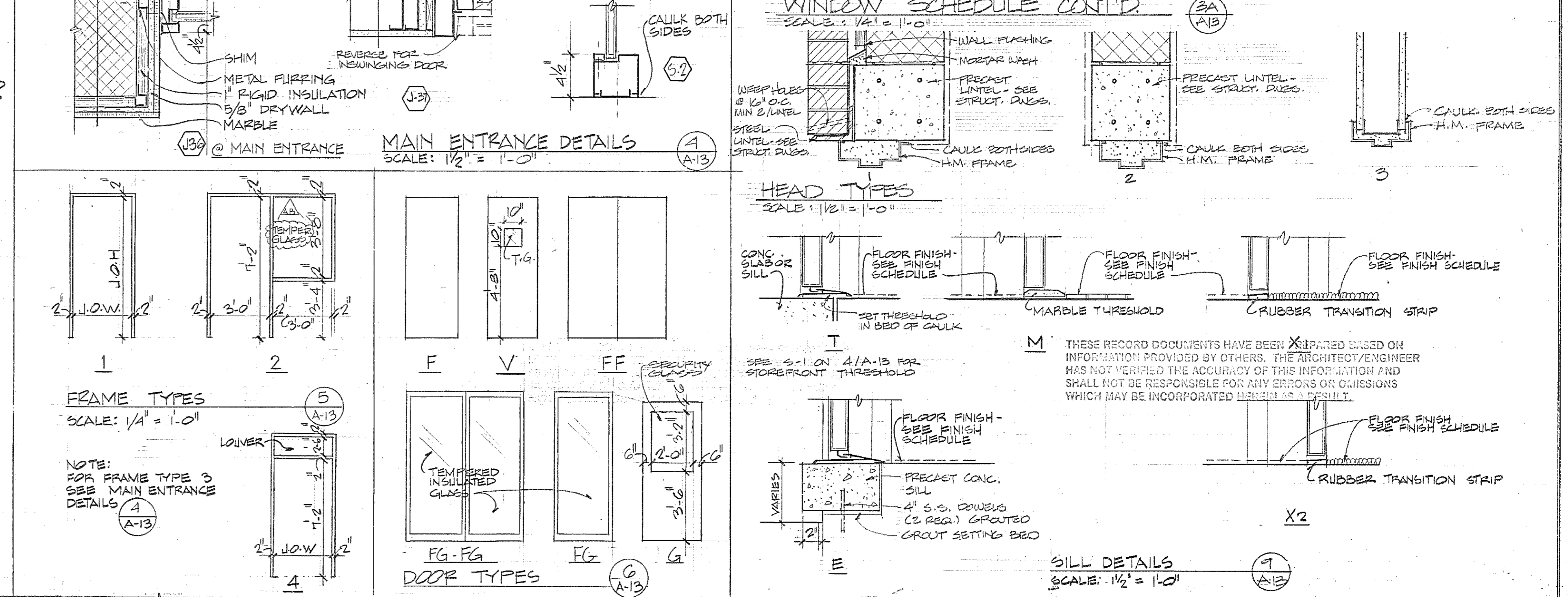
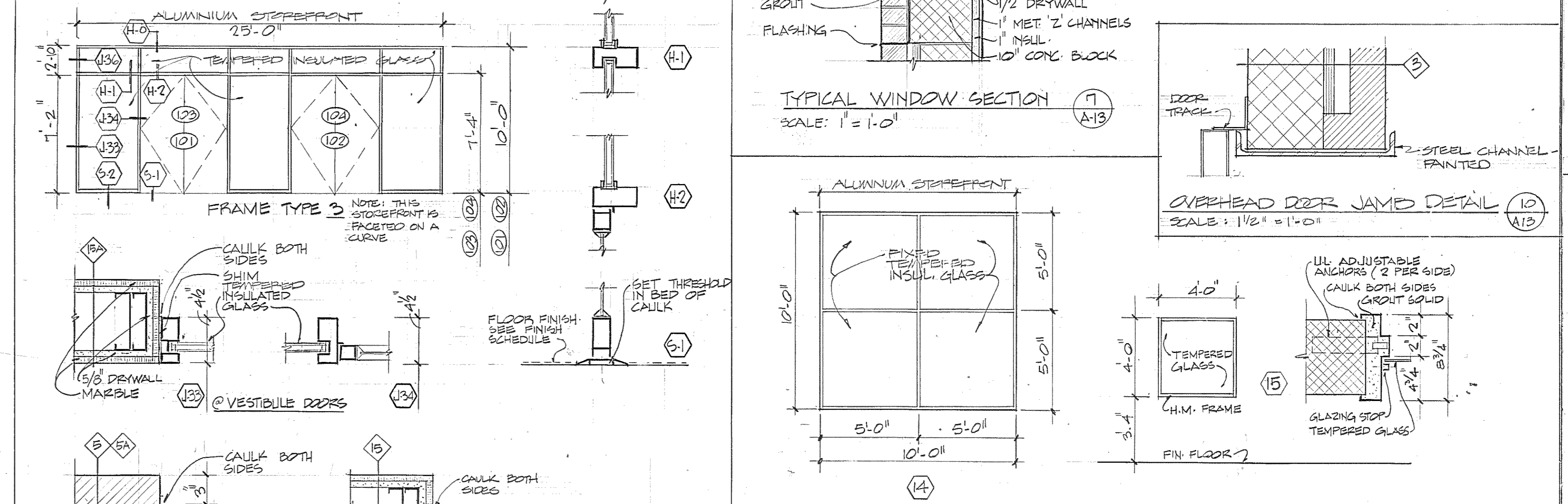
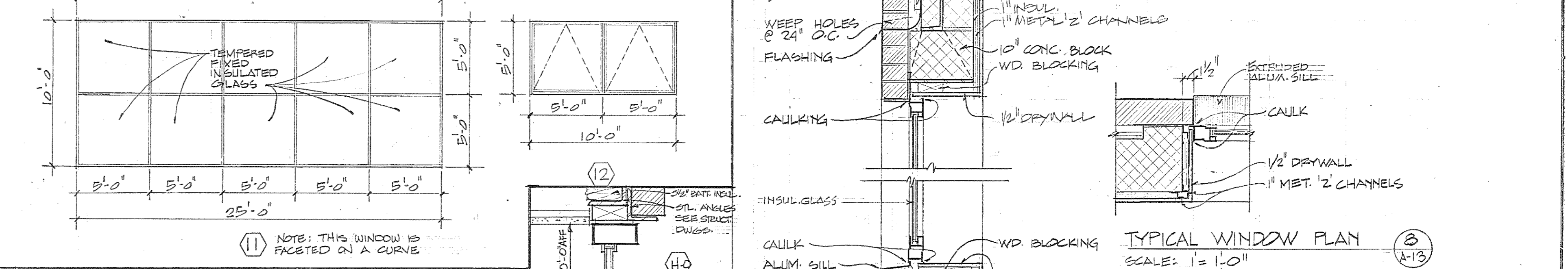
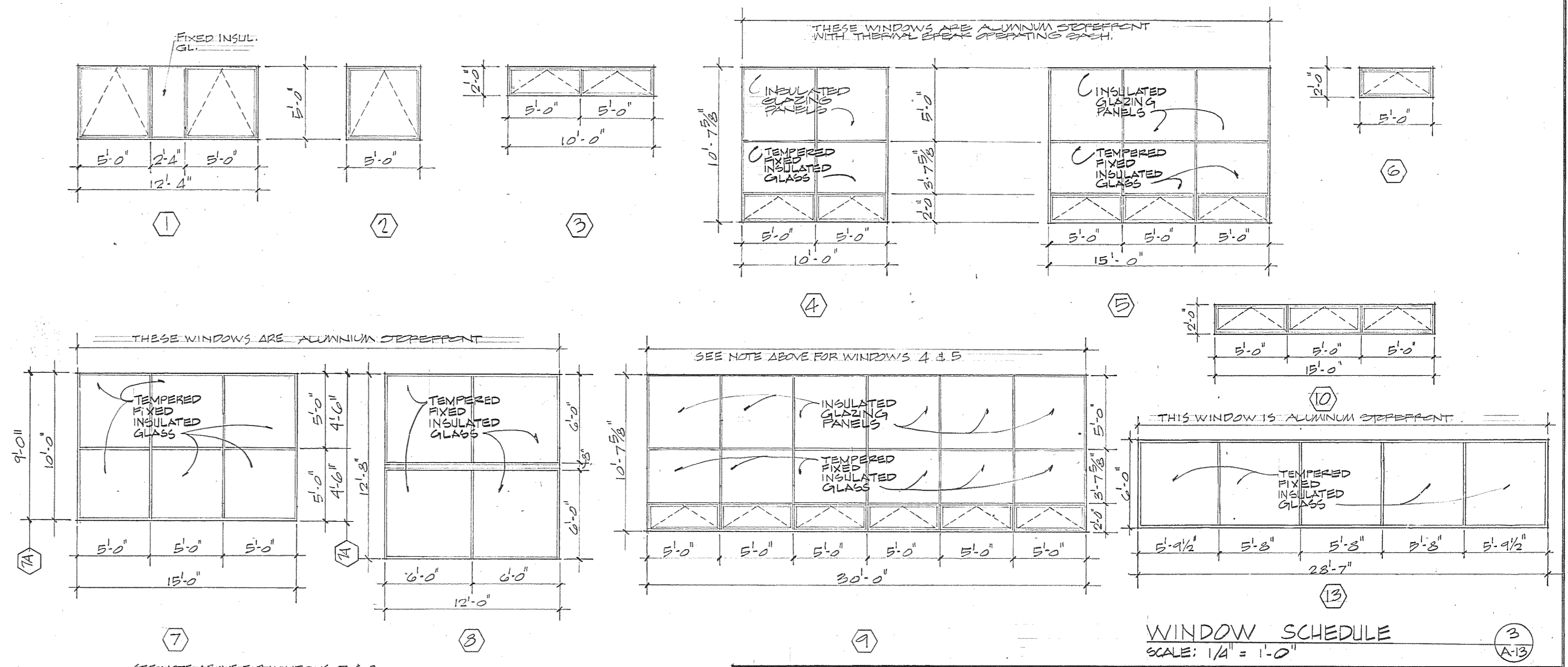
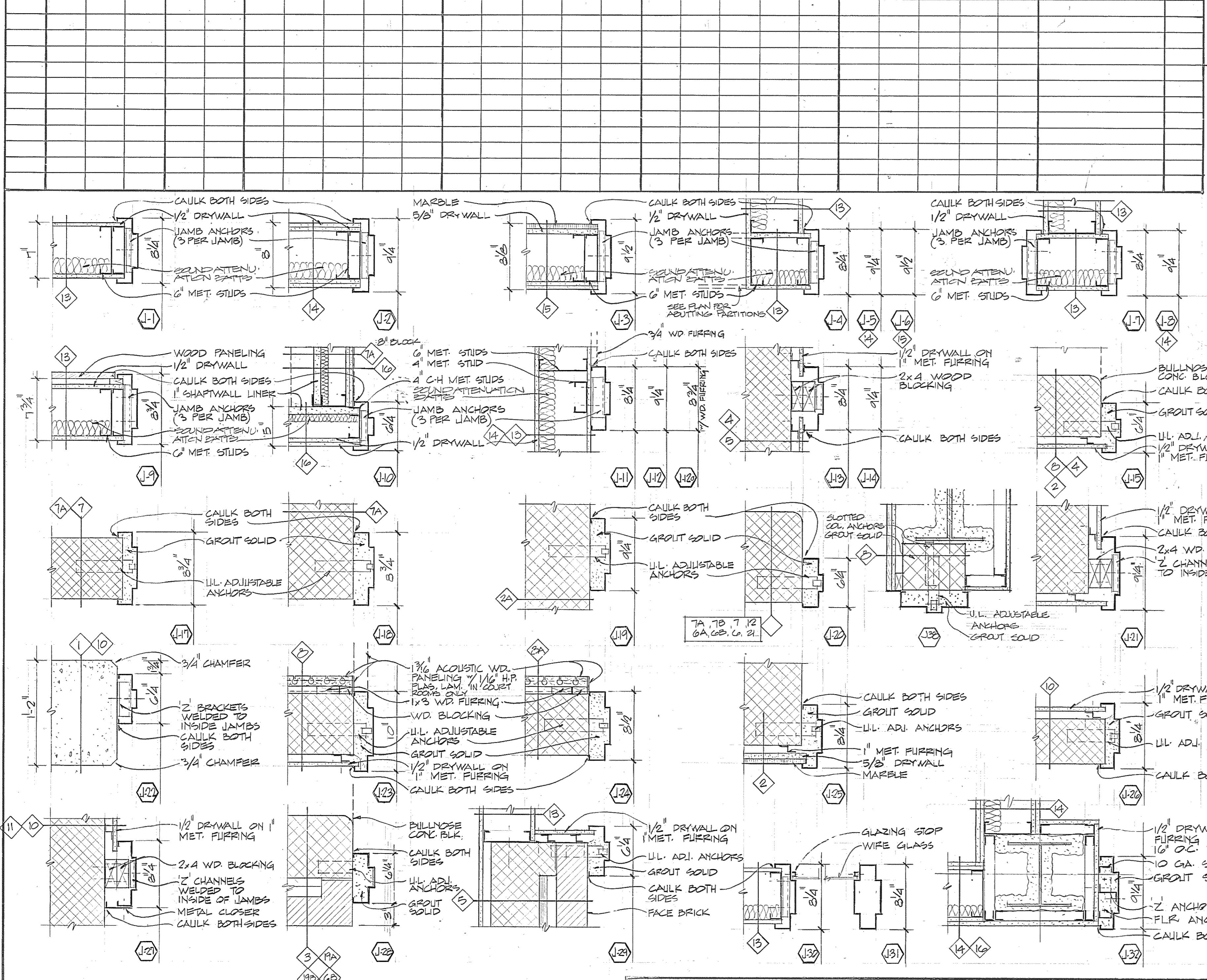
DRAWING NO. BC-000-751-001  
**A11**  
 B/W/G/S/A 810/4  
 DATE: 20 JAN 1983





NO.	SWING	SIZE	FRAME	ADDITIONS	DOORS	ACCESSORIES	REMARKS	NO.																	
OPENING NO.	FROM SPACE	TO SPACE	SWING	JAMB OPENING WIDTH	JAMB OPENING HEIGHT	MATERIAL FINISH	TYPE PROFILE	JAMB WALL	HEAD LINTEL	SILL DETAIL	MULLION DETAIL	SIDE UNIT MATERIAL	TRANSOM MATERIAL	TRANSOM HEIGHT	MATERIAL FINISH	TYPE COMPOSITION	LOUVER LITE	LABEL CONSTRUCTION	HARDWARE SET	SPECIAL REFERENCE	MECHANICAL OPERATOR	ELECTRIC HOLD OPEN	LOUVER SIZE	SEE LINK TO THE DRAWER IN LOWER	OPENING NO.
281	255	255	RHRB	3'-0"	7'-2"	HM	J-23	2	2	1															281
282	255	261	LHRB	3'-0"	7'-2"	HM	J-23	2	2	1															282
283	259	261	LHRB	3'-0"	7'-2"	HM	J-23	2	2	1															283
284	259	288	RH	2'-8"	7'-2"	HM	J-15	2	2	1															284
285	259	287	LH	2'-8"	7'-2"	HM	J-15	2	2	1															285
286	201	286	RH	3'-0"	7'-0"	HM	J-2	2	2	1															286
287	201	260	PAW	6'-0"	7'-2"	HM	J-10	3	3	1															287
288	260	261	LHRB	3'-0"	7'-0"	HM	J-10	3	3	1															288
289	260	261	RHRB	3'-0"	7'-0"	HM	J-10	3	3	1															289
290	261	264	RHRB	3'-0"	7'-2"	HM	J-24	2	2	1															290
291	263	268	LHRB	3'-0"	7'-2"	HM	J-23	2	2	1															291
292	264	268	RH	3'-0"	7'-2"	HM	J-24	2	2	1															292
293	264	268	RHRB	3'-0"	7'-2"	HM	J-24	2	2	1															293
294	201	262	LH	3'-0"	7'-0"	HM	J-3	3	3	1															294
295	201	267	PAW	6'-0"	7'-2"	HM	J-10	3	3	1															295
296	207	208	RHRB	3'-0"	7'-0"	HM	J-10	3	3	1															296
297	207	208	RHRB	3'-0"	7'-0"	HM	J-10	3	3	1															297
298	207	270	LH	3'-0"	7'-0"	HM	J-10	3	3	1															298
299	201	208	LH	3'-0"	7'-0"	HM	J-10	3	3	1															299
299A	233	234	RH	3'-0"	7'-0"	HM	J-2	3	3	1															299A
299B	233	234	RHRB	3'-0"	7'-0"	HM	J-2	3	3	1															299B
299C	269	270	LHRB	3'-0"	7'-0"	HM	J-2	3	3	1															299C
299D	270	271	LH	3'-0"	7'-0"	HM	J-2	3	3	1															299D
299E	271	272	RH	3'-0"	7'-0"	HM	J-2	3	3	1															299E
299F	270	273	LH	3'-0"	7'-0"	HM	J-2	3	3	1															299F
299G	273	274	LH	3'-0"	7'-0"	HM	J-2	3	3	1															299G
299H	272	275	LH	3'-0"	7'-0"	HM	J-2	3	3	1															299H

301	EXT.	3'-0"	7'-2"	HM	J-26	1	E																		301
302	EXT.	3'-0"	7'-2"	HM	J-26	1	E																		302
303	EXT.	3'-0"	7'-2"	HM	J-26	1	E																		303
304	EXT.	3'-0"	7'-2"	HM	J-26	1	E																		304
305	EXT.	3'-0"	7'-2"	HM	J-26	1	E																		305
306	EXT.	3'-0"	7'-2"	HM	J-26	1	E																		306
307	EXT.	3'-0"	7'-2"	HM	J-26	1	E																		307



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

Browne, Worrall & Johnson/Gutwein-Guenther Professional Association  
A Joint Venture  
2435 North Calvert Street  
Baltimore, Maryland 21218  
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George Evans & Associates, Inc. 130 WEST HAMILTON STREET BALTIMORE, MARYLAND 21201  
Moore/Lewis Inc. 2435 NORTH CALVERT STREET BALTIMORE, MARYLAND 21218

USING AGENCY APPROVAL  
Robert B. Smith  
ADMINISTRATOR, WSC 3/21/83  
DATE

DEPARTMENT OF GENERAL SERVICES  
Matthew E. Morley 3/31/83  
PROJECT ADMINISTRATOR  
DATE

REVISIONS  
REV #1 - 3.23.83  
REV #2 - BUILT REVISIONS 5.5.83

Northwest District Court  
Wabash Avenue  
Baltimore, Maryland

DRAWING NO.  
BC-000-751-001  
A13  
BWJ/GGPA 8104  
DATE: 20 JAN. 1983

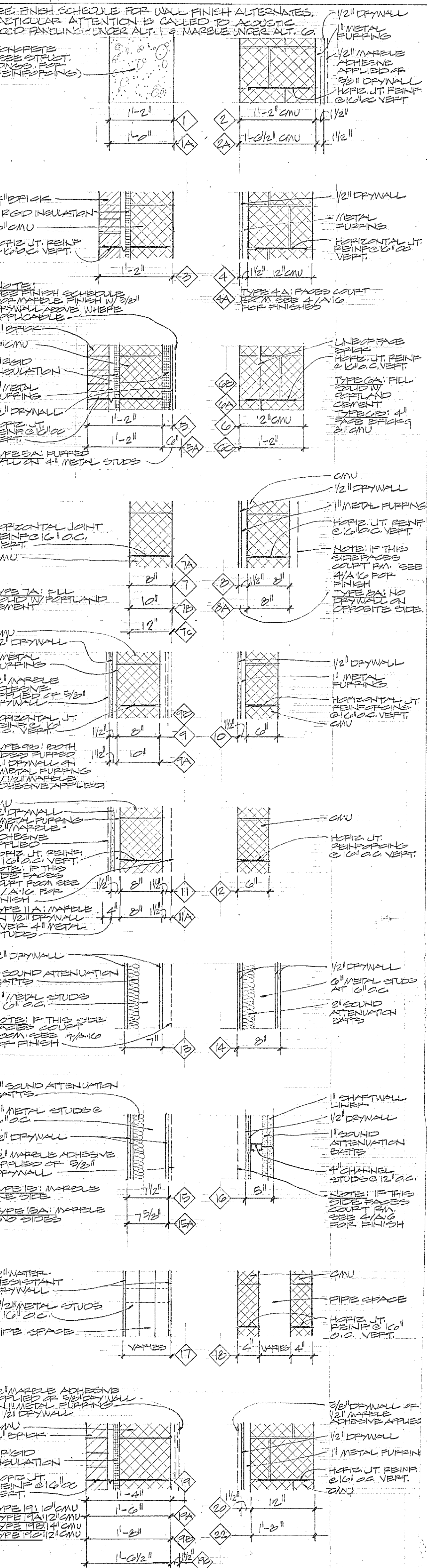
FINISH SCHEDULE

Table with columns: MF#, SPACE, FLOOR, BASE, WAINSCOT, WALLS, CEILING, TRIM, REMARKS, MN. Rows include various rooms like JUDGES PARKING, BLANK MACHINE RM, MECHANICAL SPACE, etc.

FINISH SCHEDULE (CONTINUED)

Continuation of the finish schedule table, starting with room 201 BALCONY and ending with room 275 TOILET.

WALL & PARTITION TYPES SCALE: 1/2" = 1'-0"



- 1. AREAS DESIGNATED 'VNC' IN SCHEDULE TO BE PAINTED UNDER BASE BID. VINYL WALL COVERING TO BE PROVIDED UNDER ALTERNATE # 5.
- 2. AREAS DESIGNATED 'M' IN SCHEDULE SHALL RECEIVE VINYL WALL COVERING UNDER BASE BID. MARBLE TO BE PROVIDED UNDER ALTERNATE # 6.

- 1. AREAS DESIGNATED 'VNC' IN SCHEDULE SHALL BE PAINTED UNDER BASE BID. VINYL WALL COVERING TO BE PROVIDED UNDER ALTERNATE # 5.
- 2. AREAS DESIGNATED 'M' IN SCHEDULE SHALL RECEIVE VINYL WALL COVERING UNDER BASE BID. MARBLE TO BE PROVIDED UNDER ALTERNATE # 6.

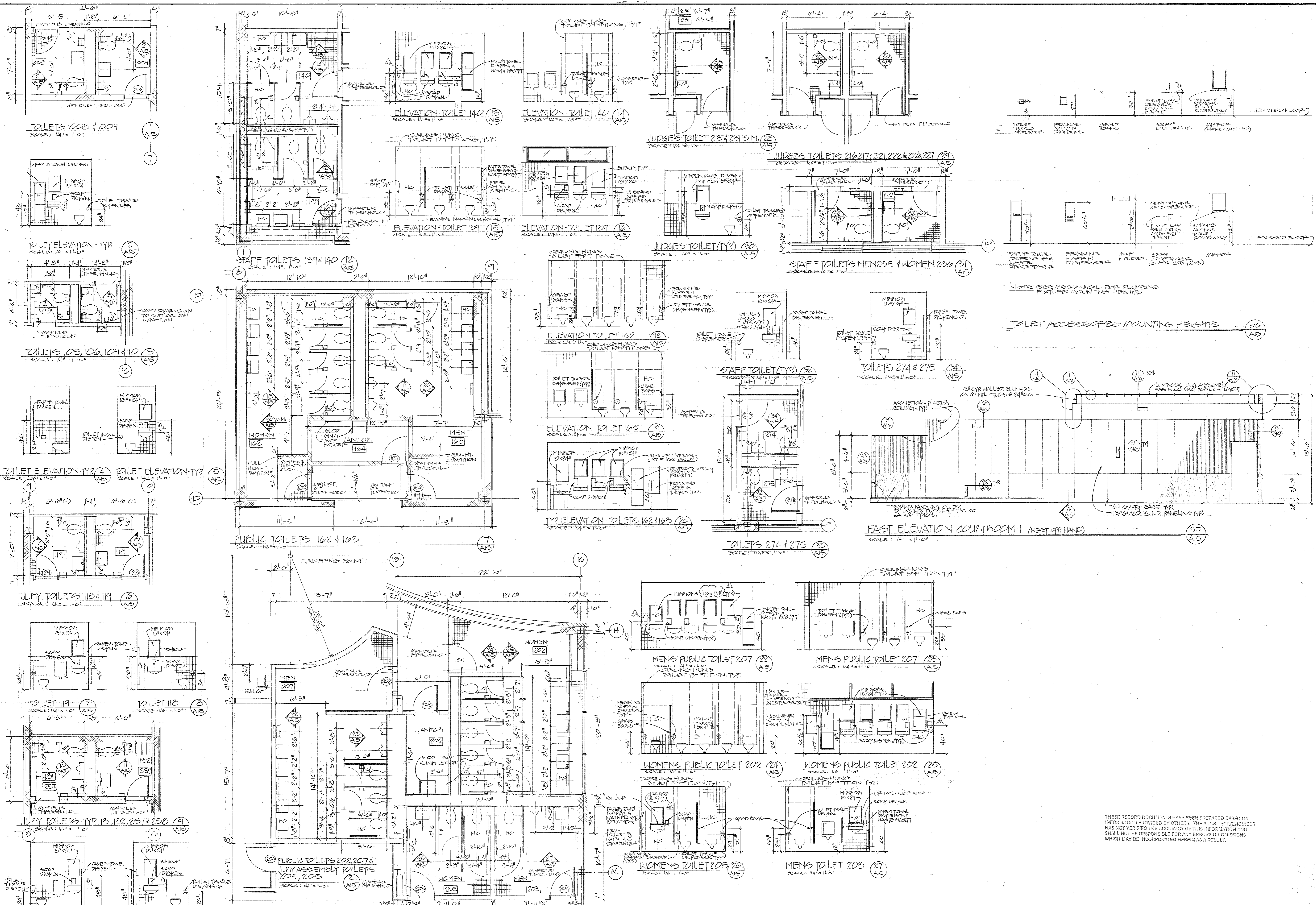
FINISH ABBREVIATIONS table with columns for material codes and their descriptions.

Brown, Worrall & Johnson/Gutwein-Guenther Professional Association. 2435 North Calvert Street, Baltimore, Maryland 21218.

USING AGENCY APPROVAL. DEPARTMENT OF GENERAL SERVICES. Project Administrator V. Date: 3/31/83.

REVISIONS table with columns for revision number, description, and date.

Northwest District Court, Wabash Avenue, Baltimore, Maryland. DRAWING NO. A14, DATE: 20 JAN 1983.

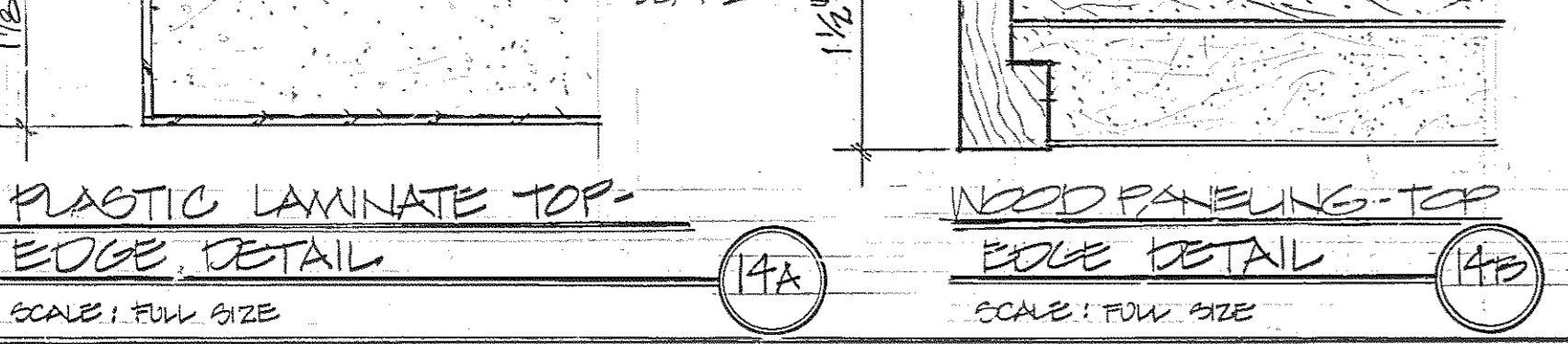
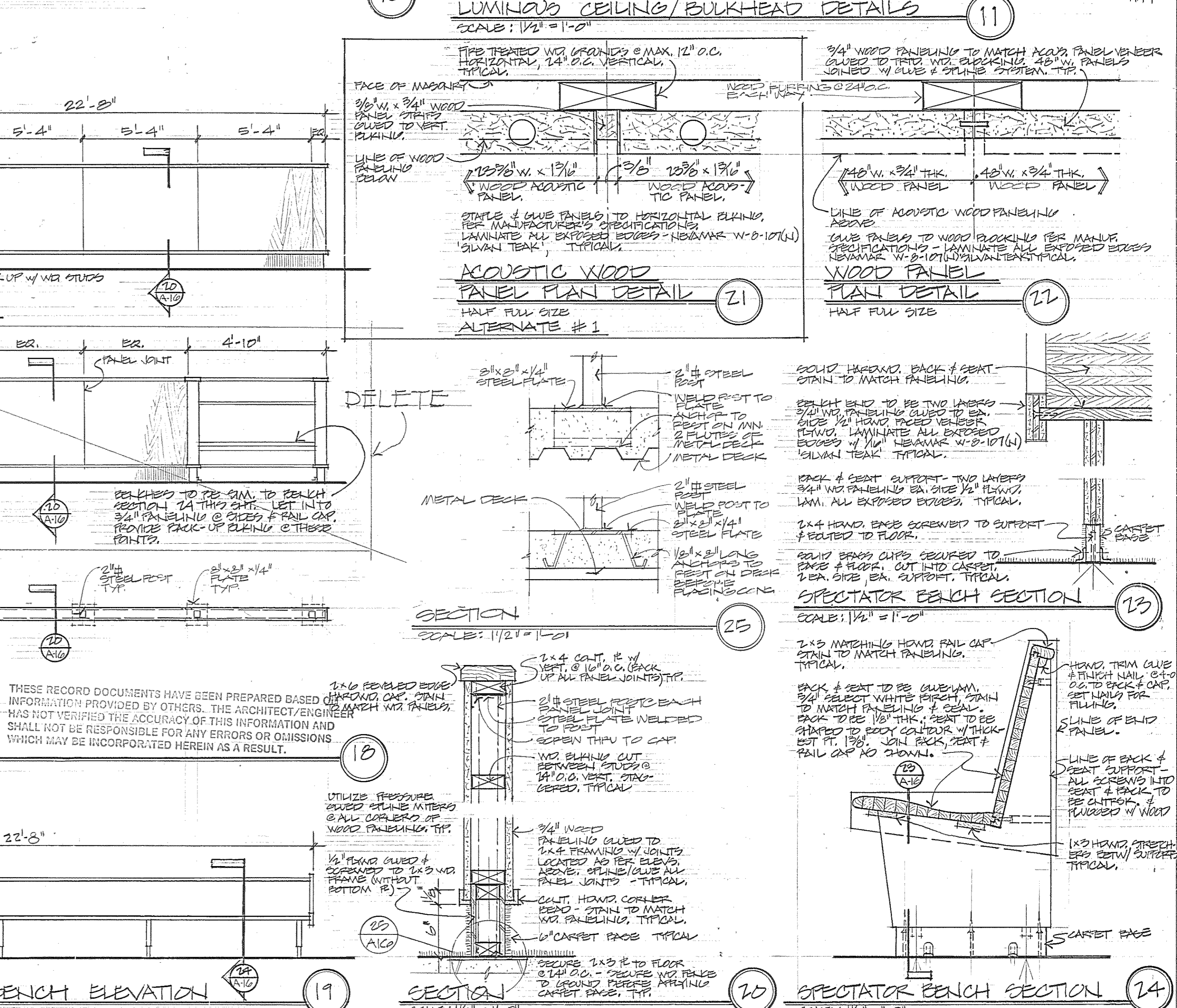
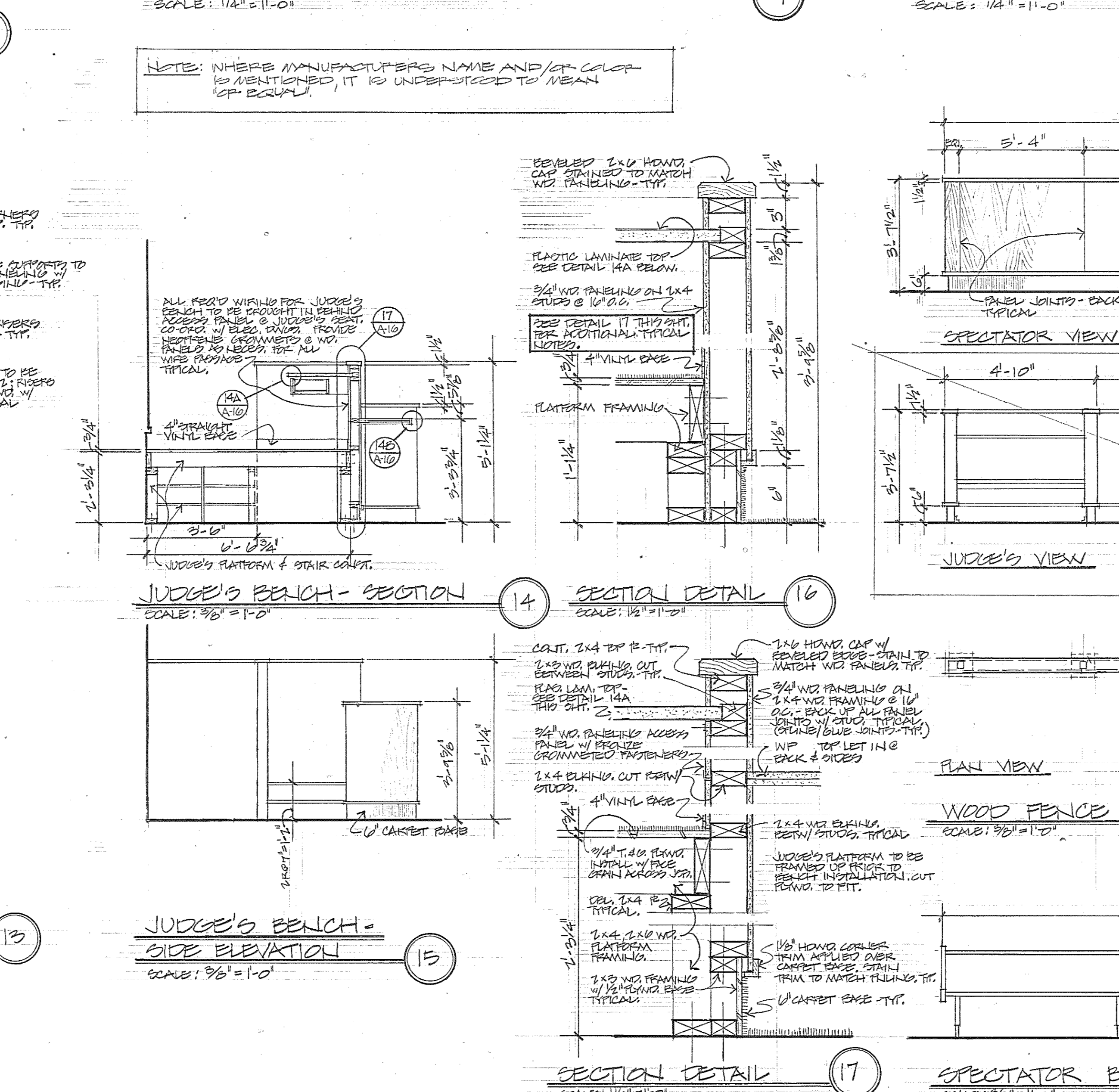
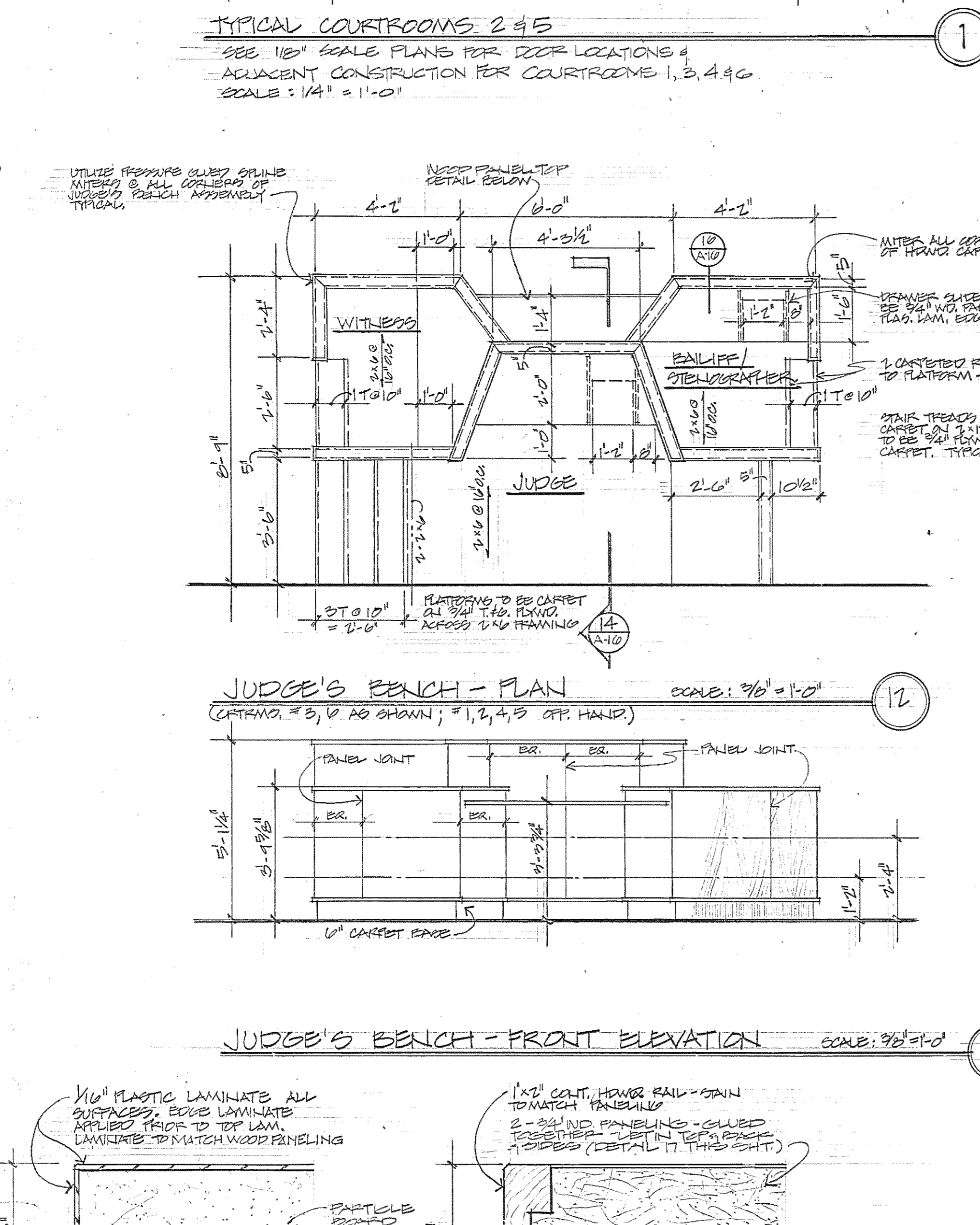
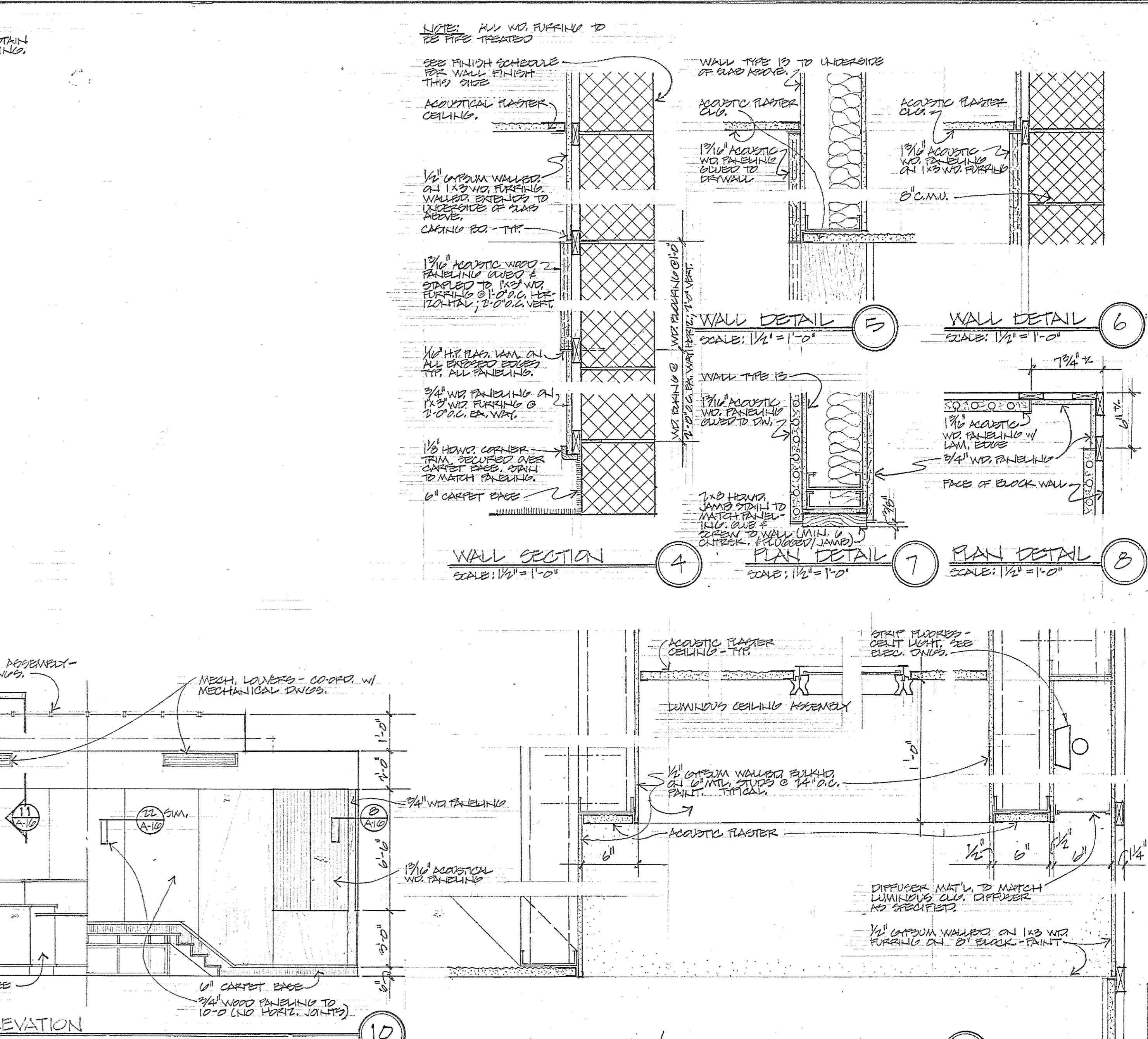
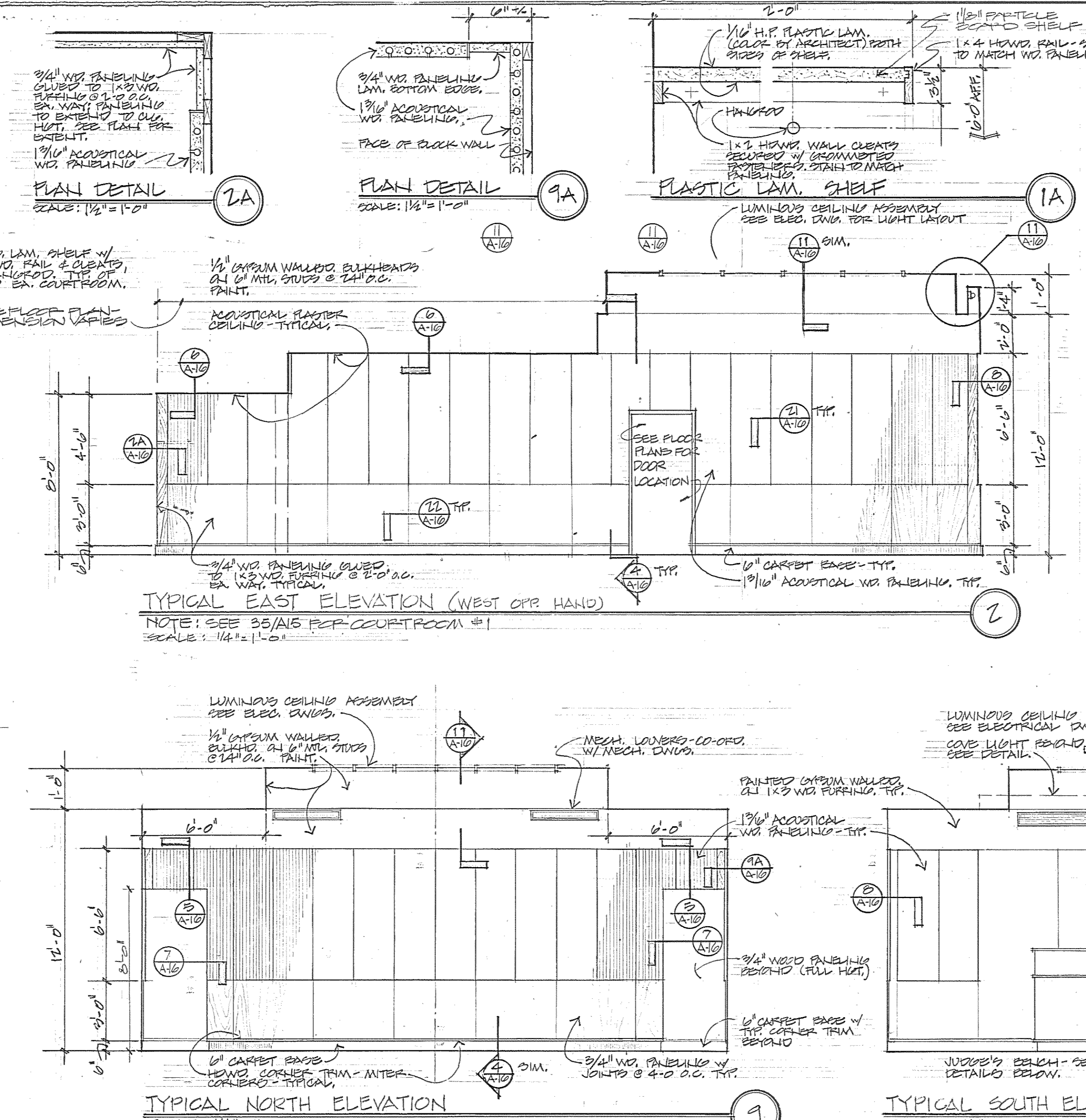
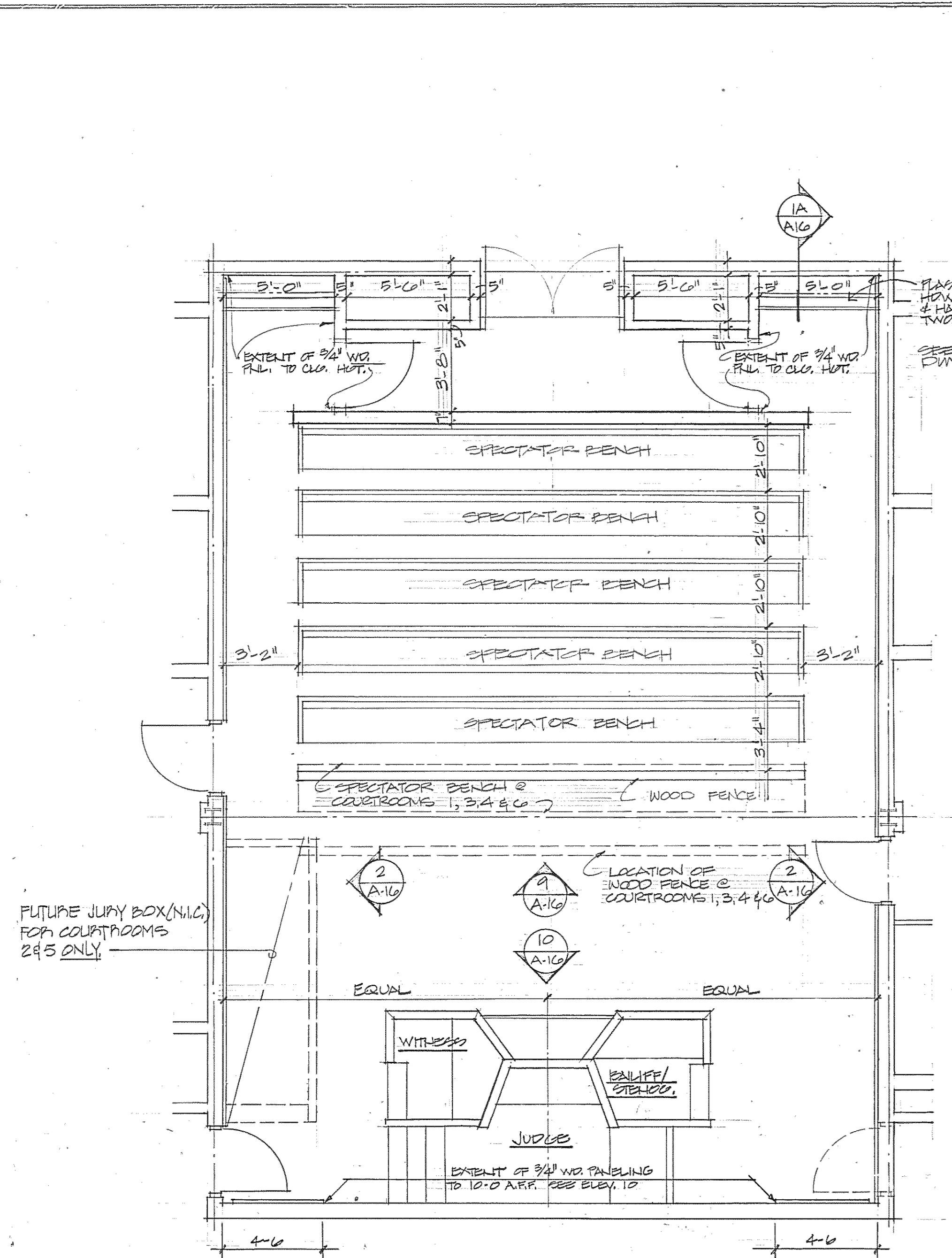


NOTE: SEE MECHANICAL FOR PLUMBING FIXTURE MOUNTING HEIGHTS

TOILET ACCESSORIES MOUNTING HEIGHTS

THESE RECORD DOCUMENTS HAVE BEEN PREPARED BASED ON INFORMATION PROVIDED BY OTHERS. THE ARCHITECT/ENGINEER HAS NOT VERIFIED THE ACCURACY OF THIS INFORMATION AND SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH MAY BE INCORPORATED HEREIN AS A RESULT.

<b>Browne, Worrall &amp; Johnson/Gutwein-Guenther Professional Association</b> A Joint Venture 2435 North Calvert Street Baltimore, Maryland 21218		USING AGENCY APPROVAL <i>Robert D. Smith</i> PROJECT ADMINISTRATOR DATE: 3/13/83	DEPARTMENT OF GENERAL SERVICES PROJECT ADMINISTRATOR DATE: 3/13/83	REVISIONS #1 - 3-28-83 #2 - BUILT REVISIONS 5-5-83	DRAWING NO. BC-000-751-001 <b>A15</b> B/W/GGFA 8104 DATE: 20 JAN 1983
Daft-McCune-Walker, Inc. 530 EAST JOPPA ROAD, TOWSON, MARYLAND 21284 George Evans & Associates, Inc. 130 WEST HAMILTON STREET, BALTIMORE, MARYLAND 21201 Moore/Lewis Inc. 2435 NORTH CALVERT STREET, BALTIMORE, MARYLAND 21218		TITLE: <i>Restrooms</i> DATE: 3/13/83	DIRECTOR, ENGR. & CONST. DATE: 3/13/83	Northwest District Court Wabash Avenue Baltimore, Maryland	FILE NO. 84 - DWA. NO. 375



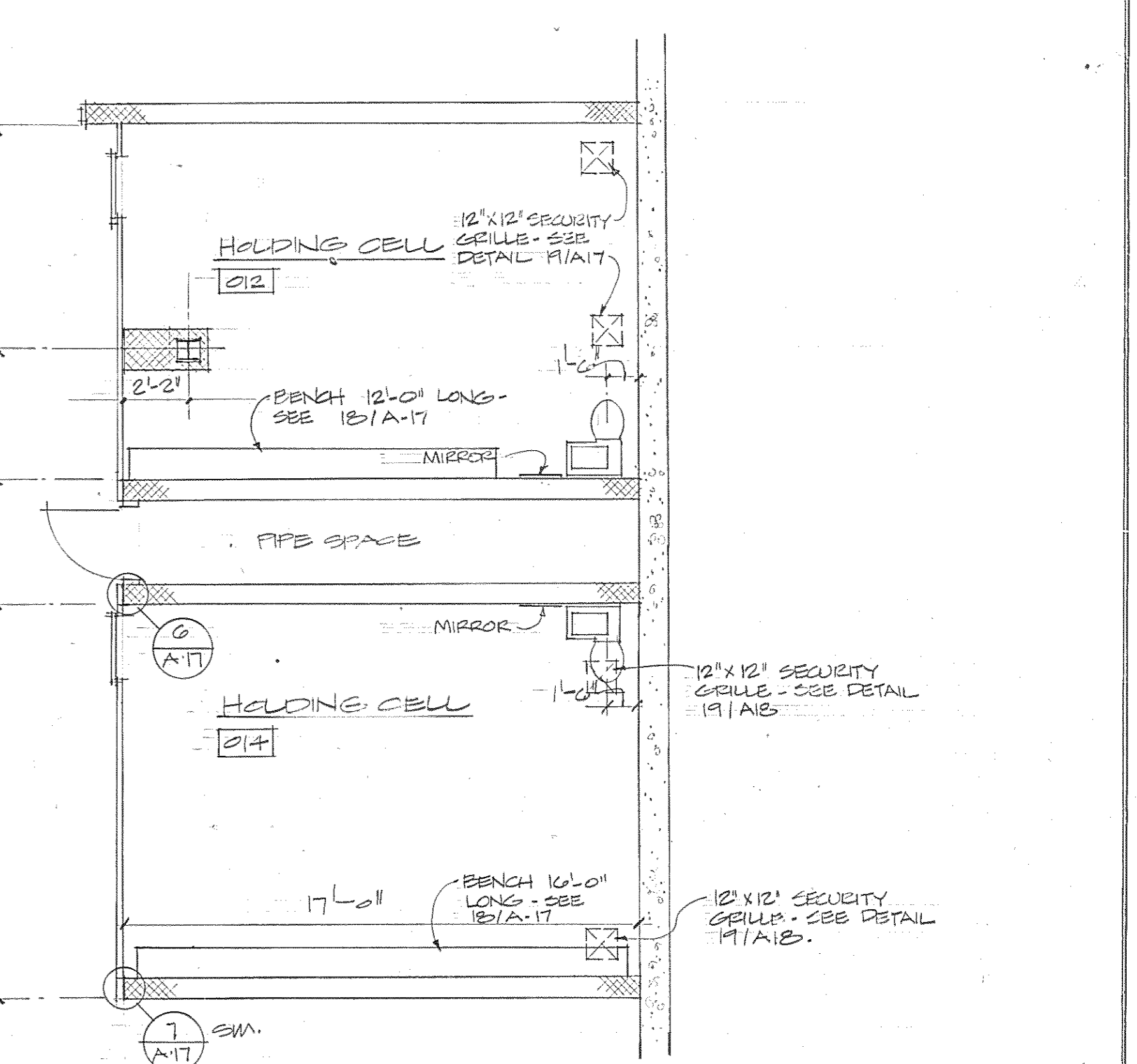
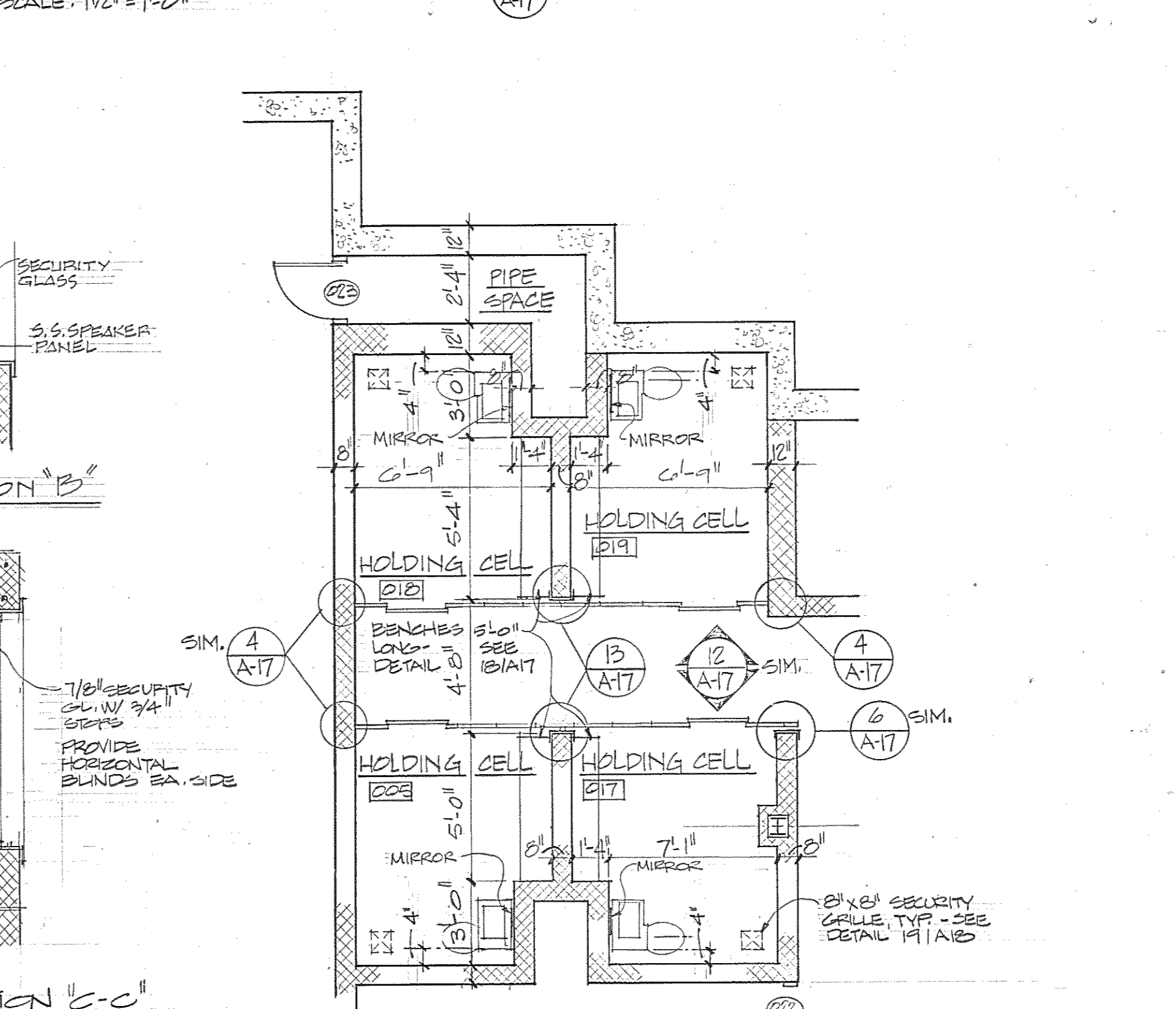
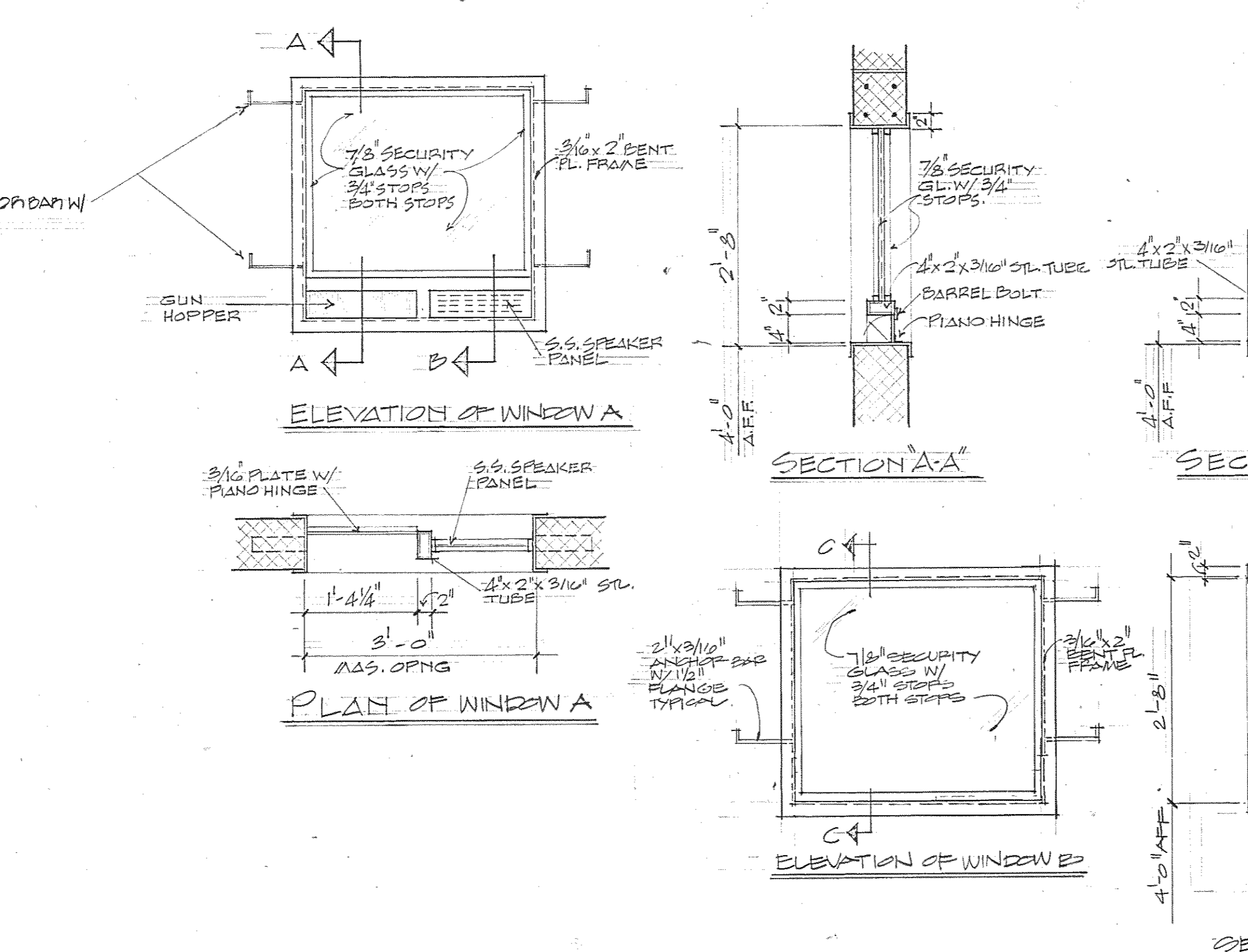
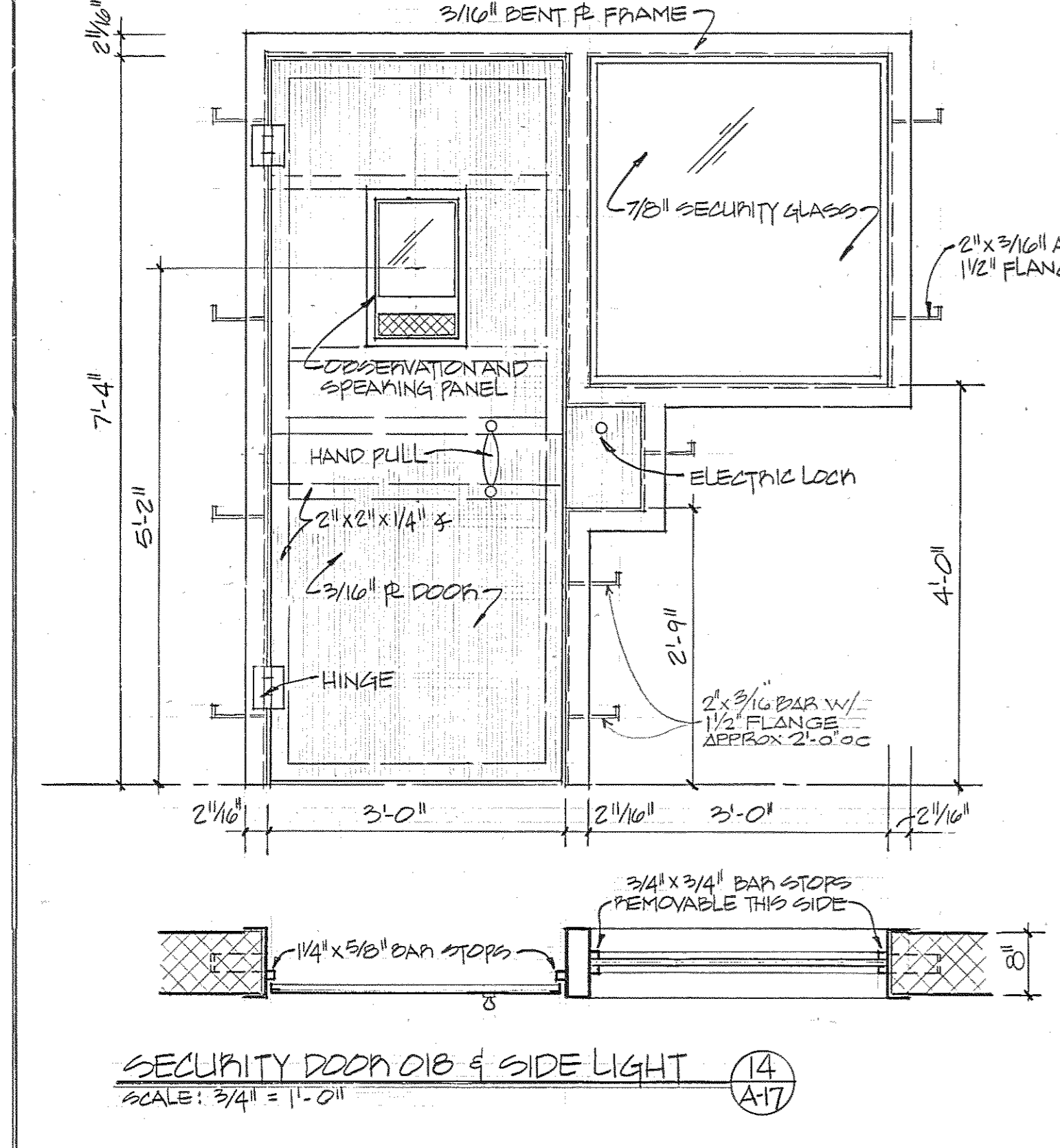
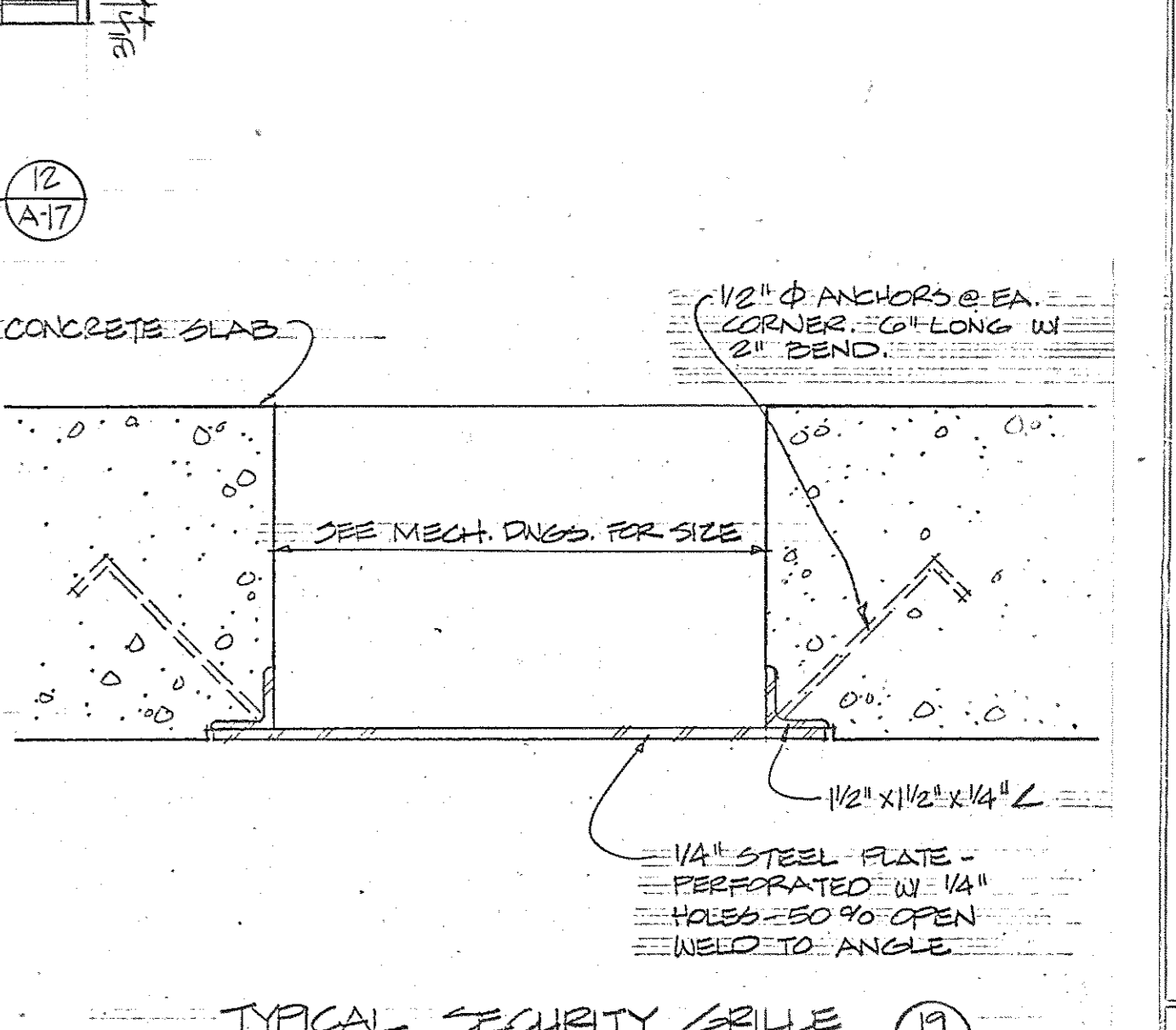
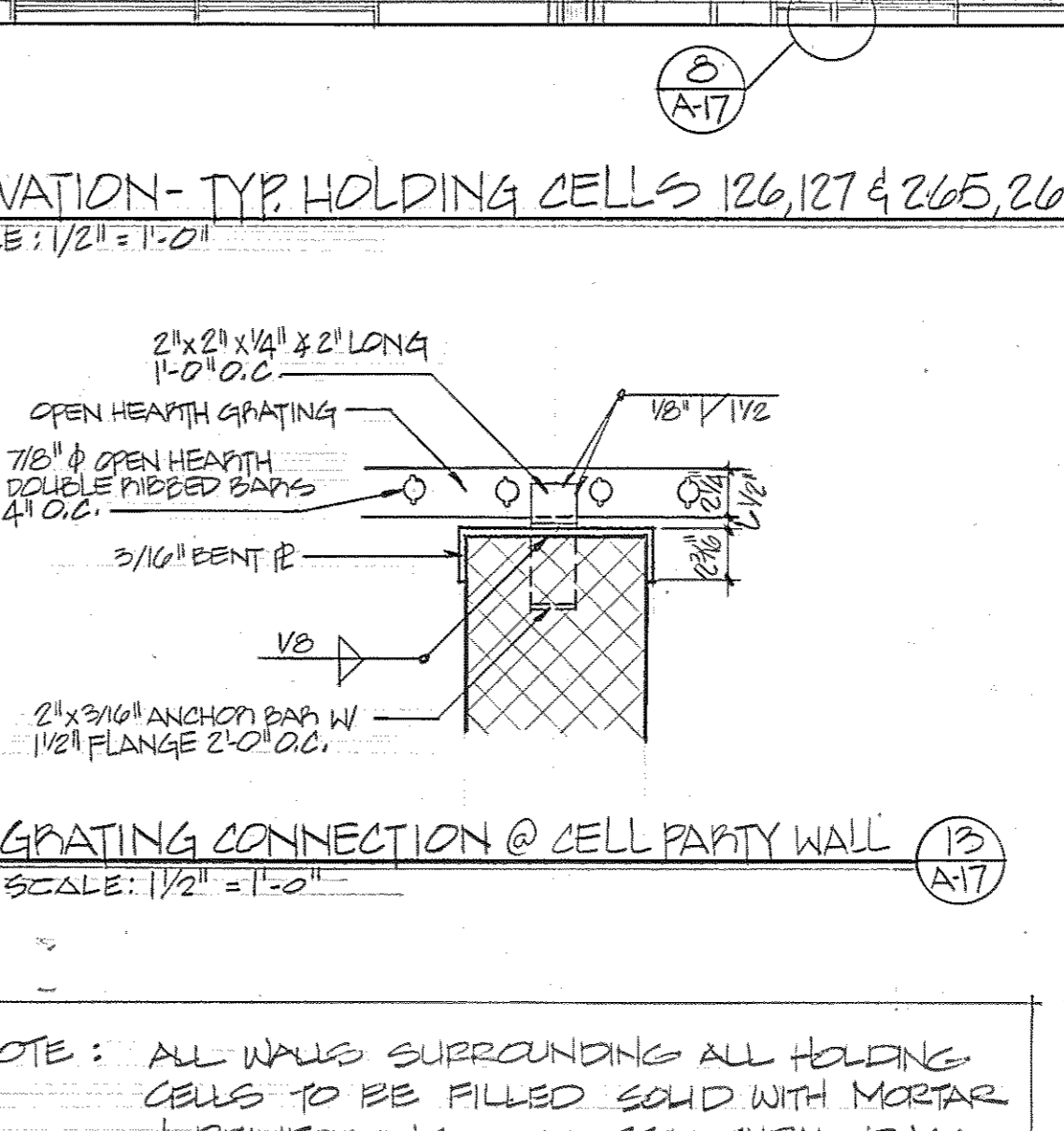
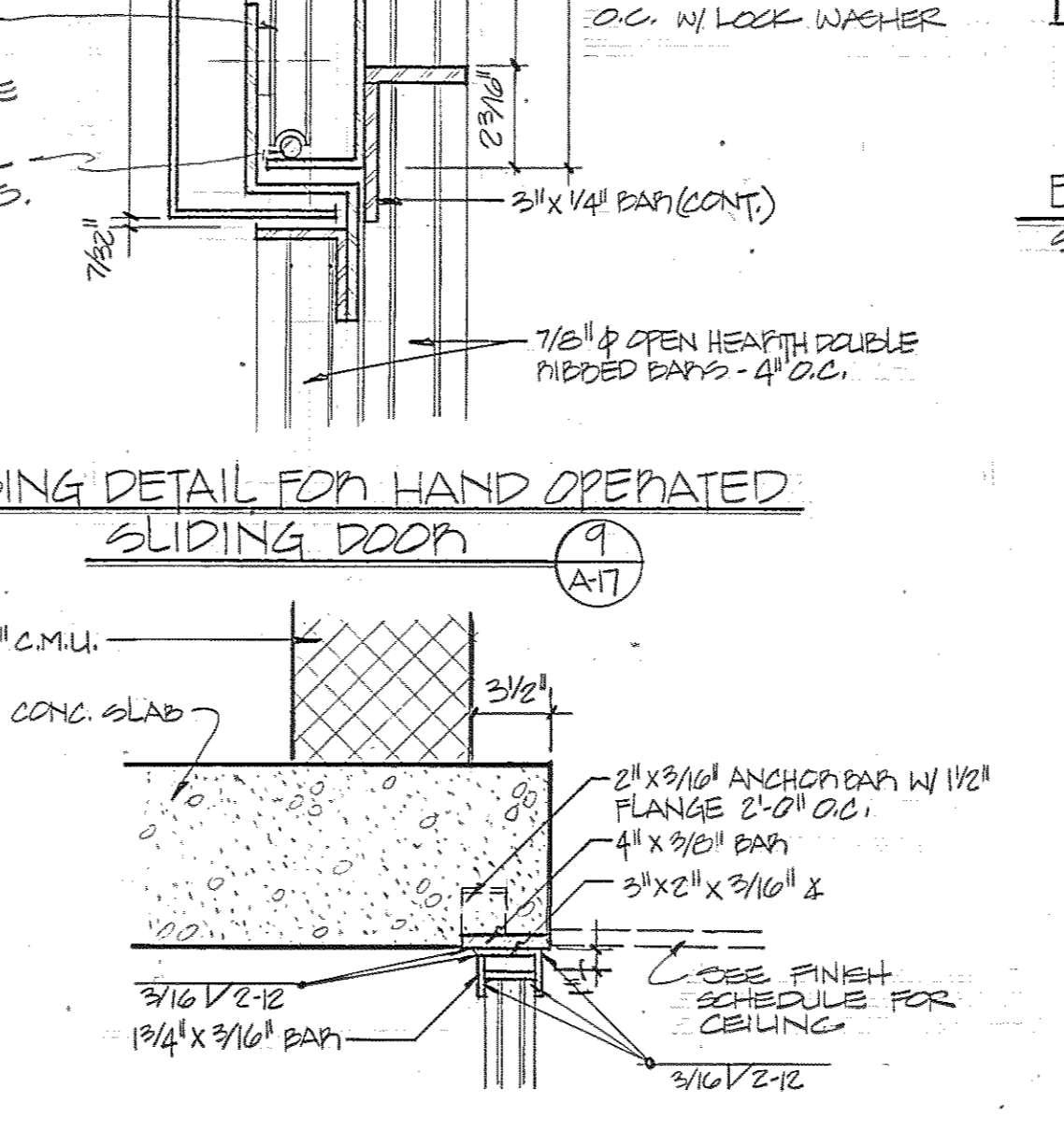
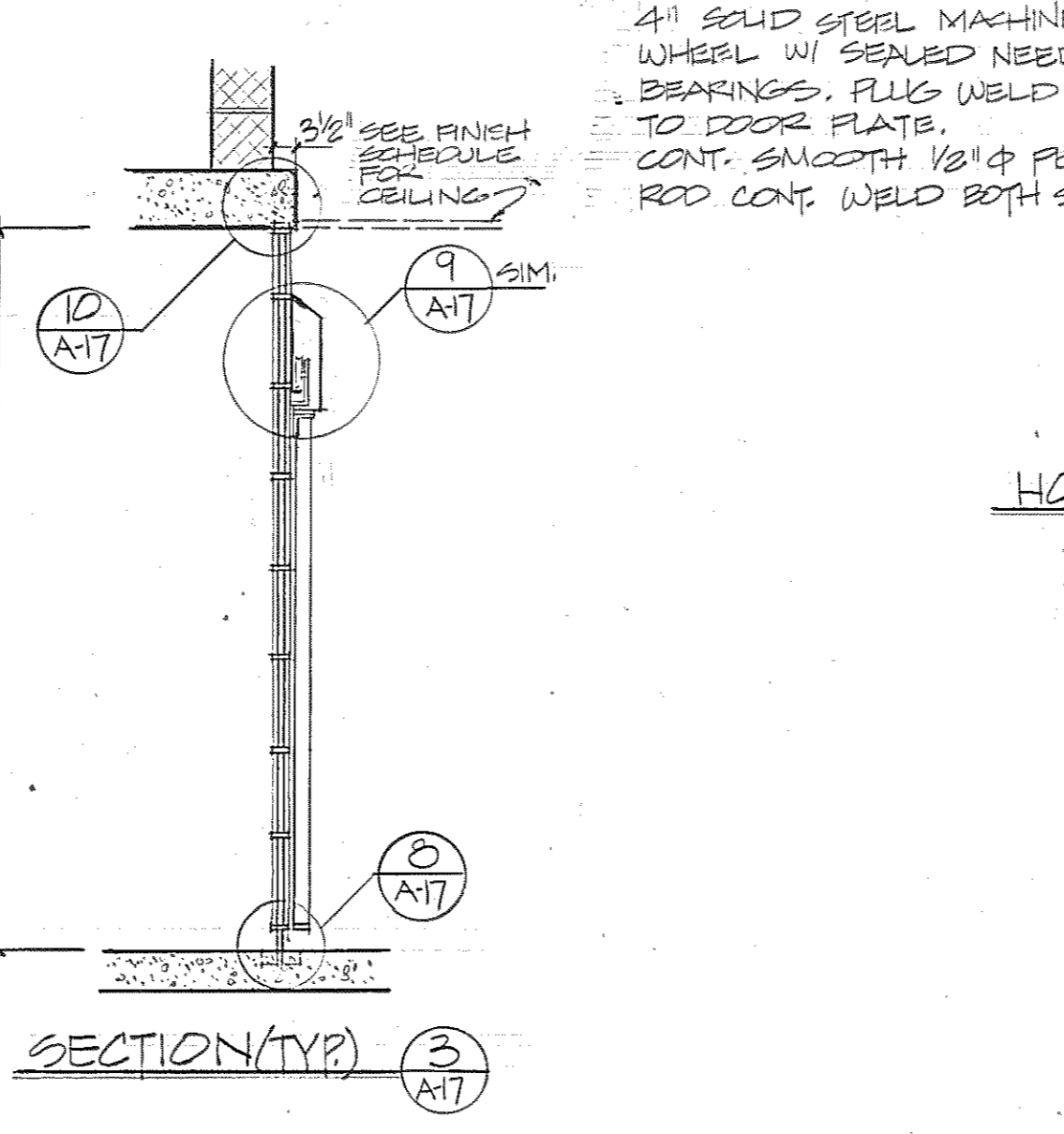
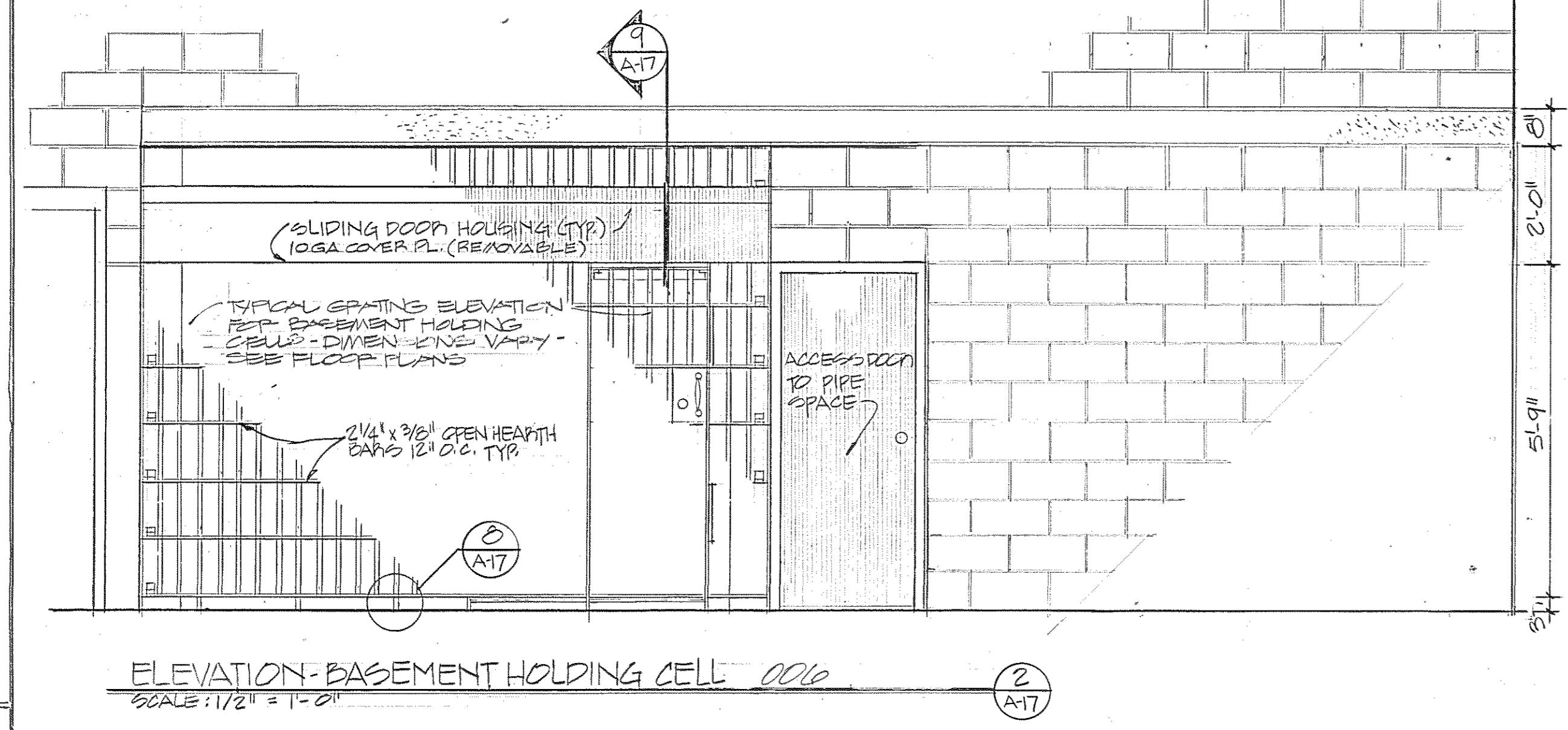
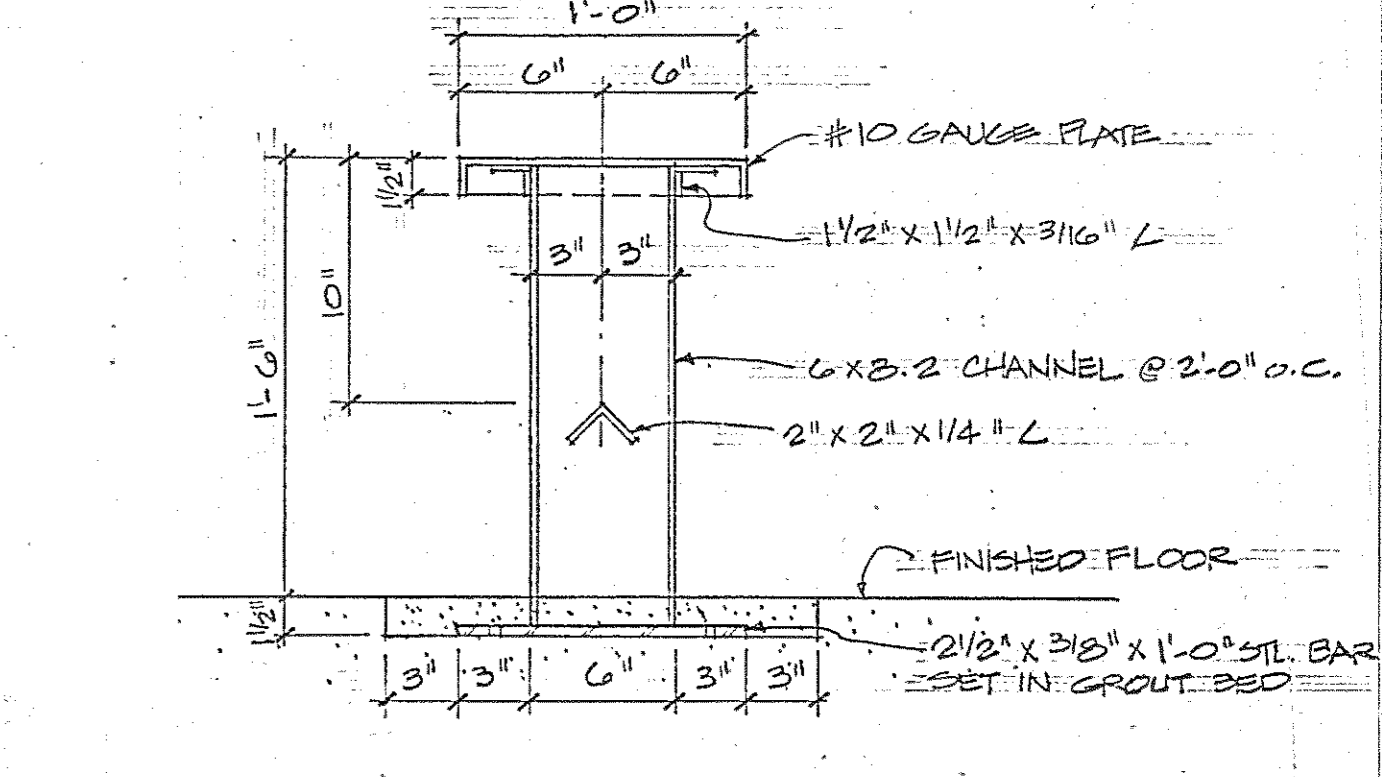
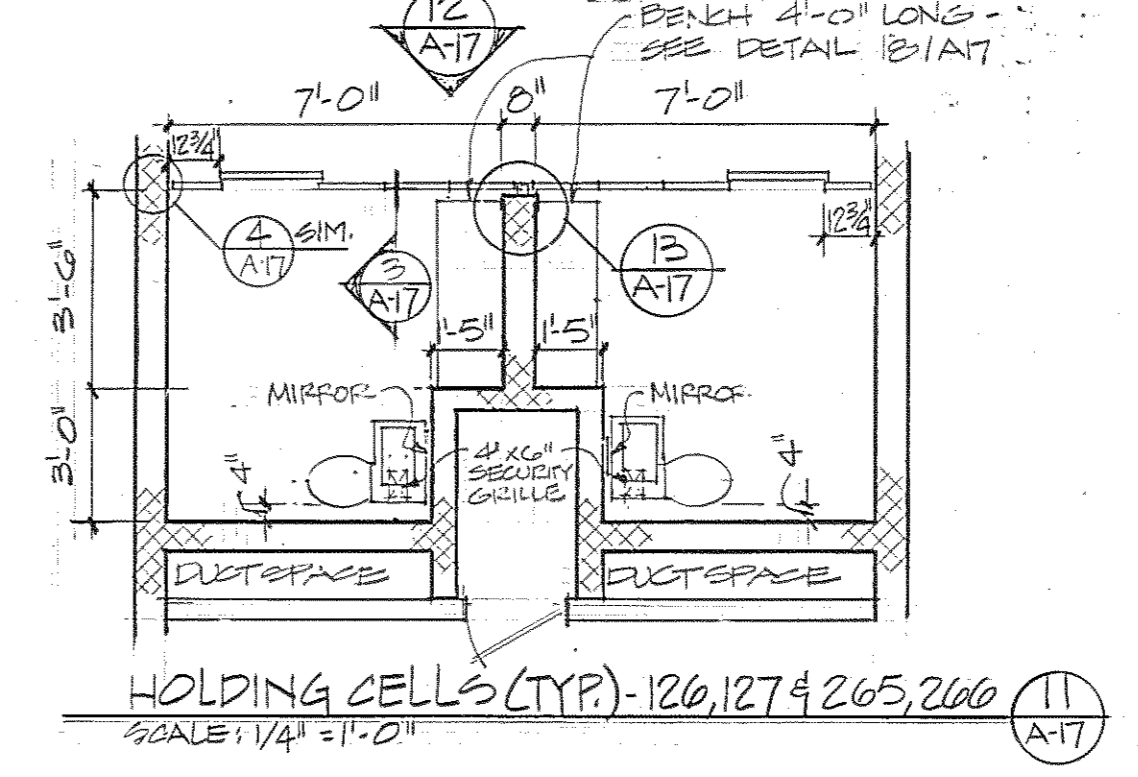
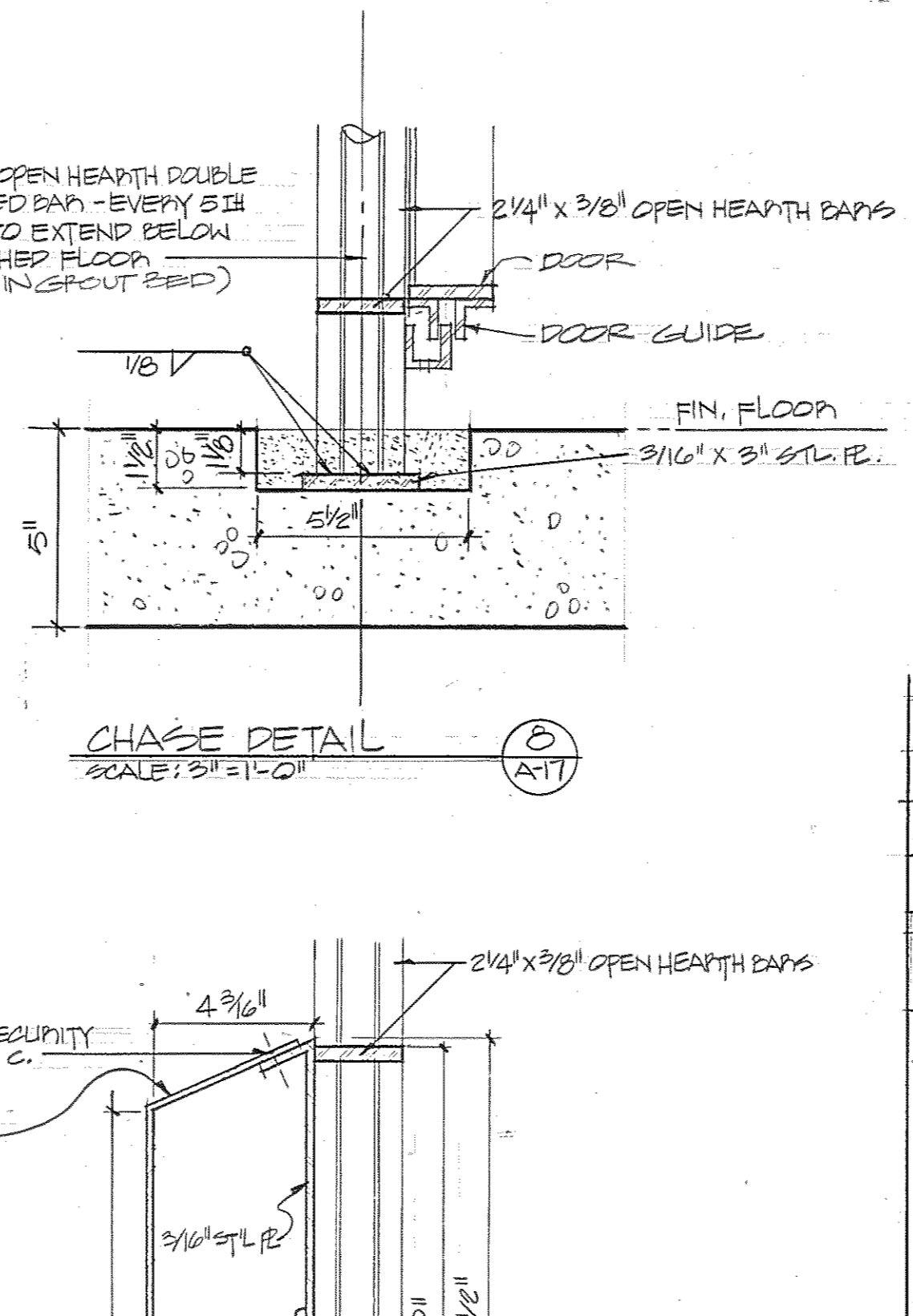
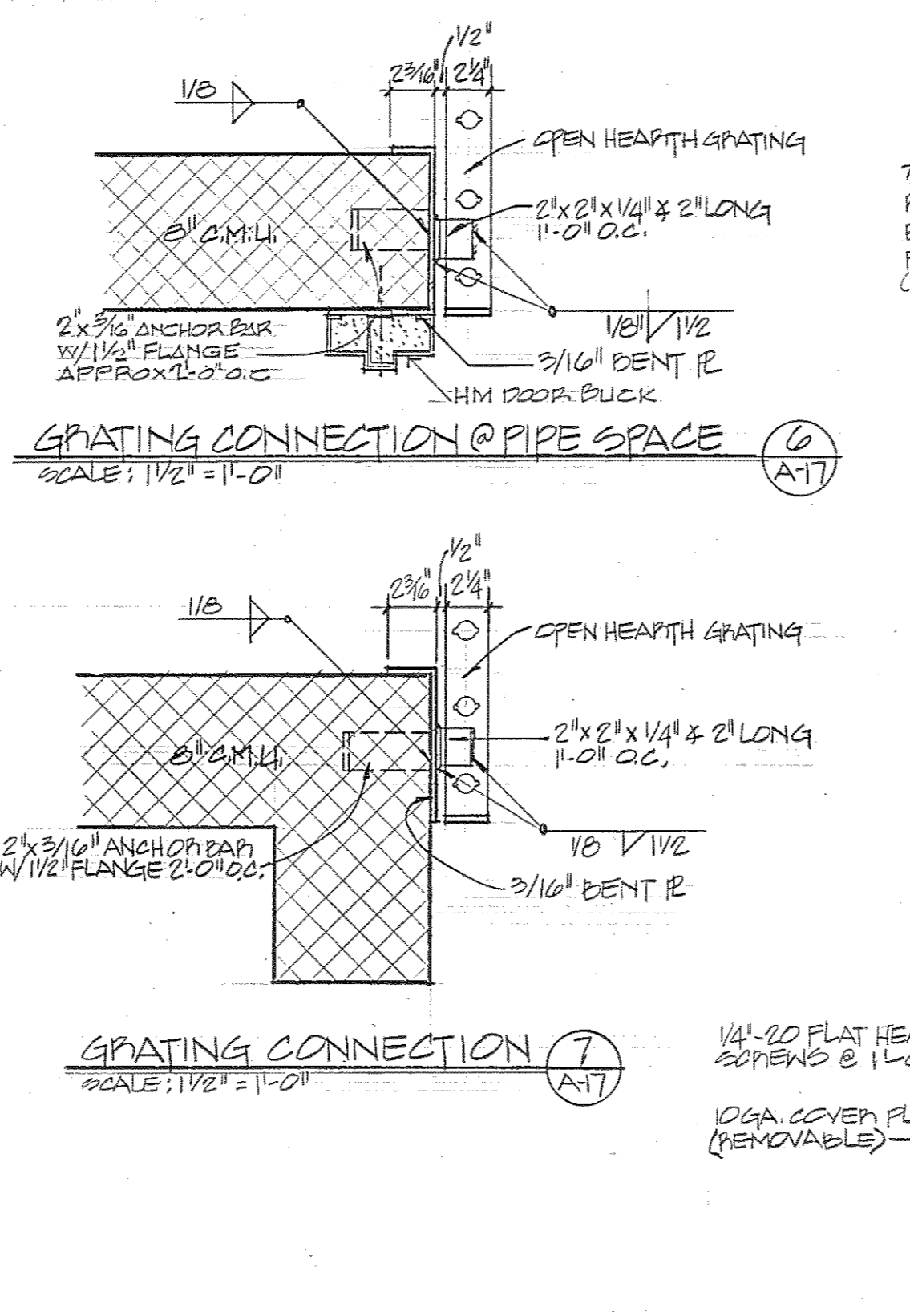
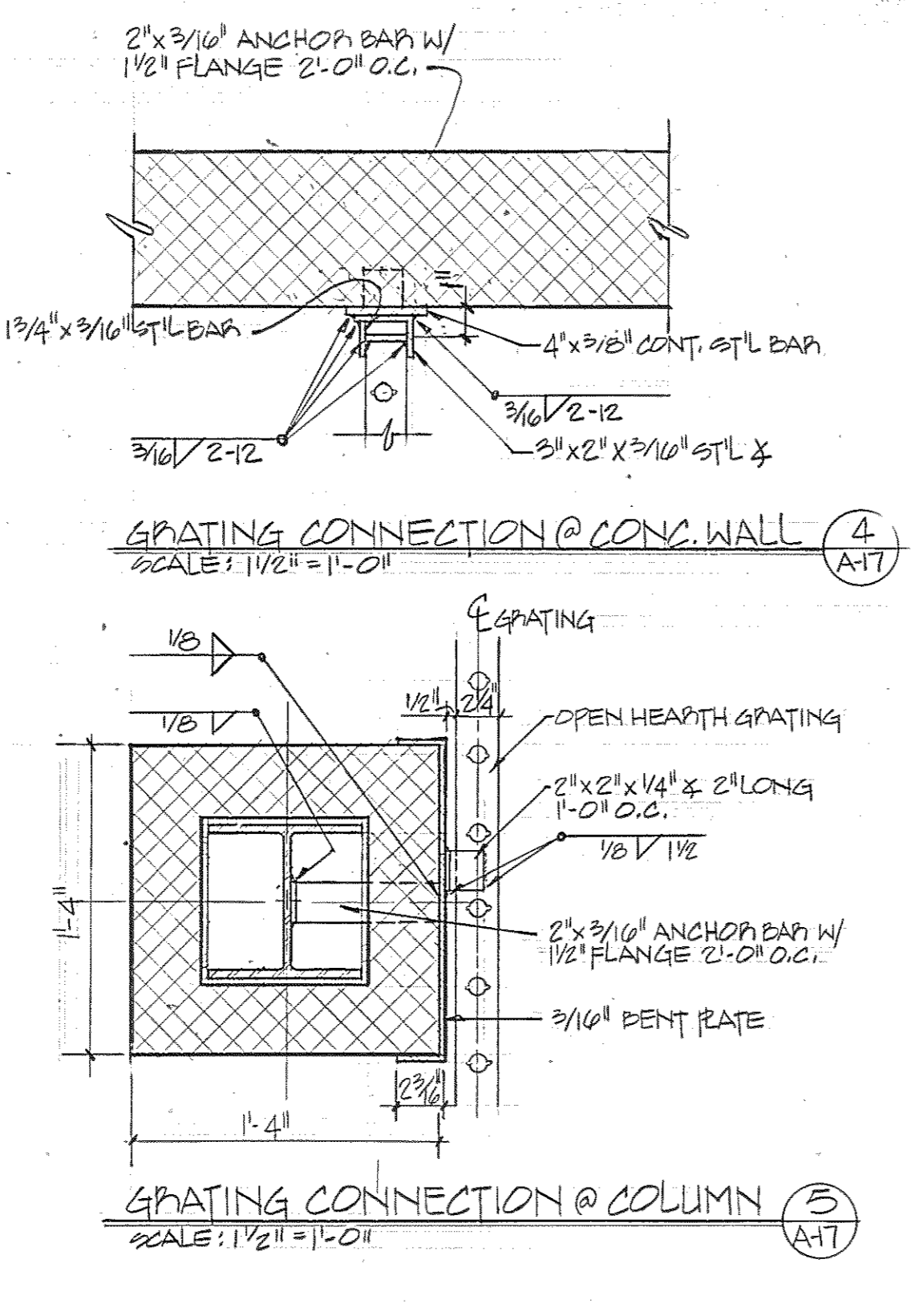
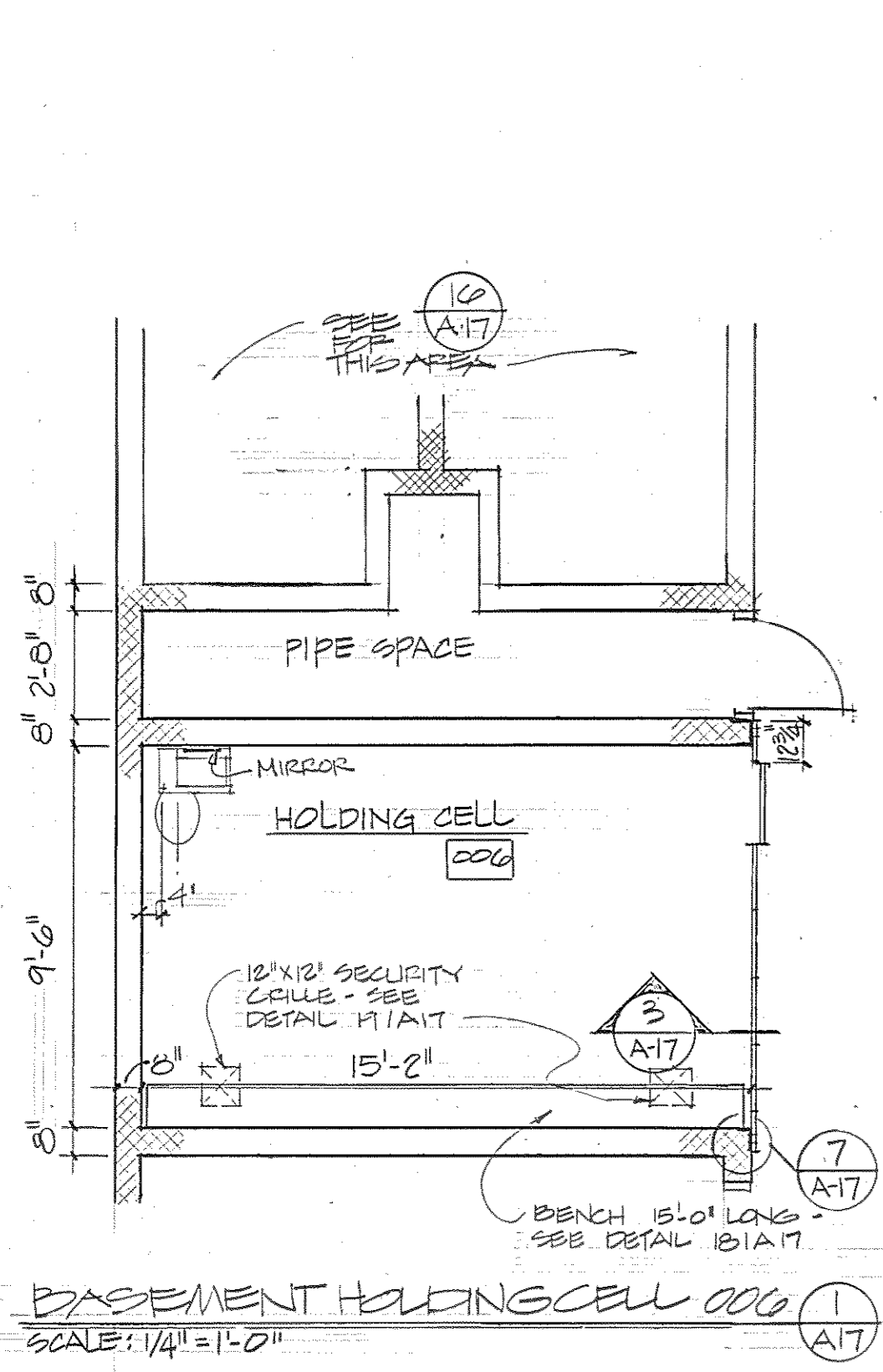
Browne, Worrall & Johnson/Gutwein-Guenther Professional Association  
A Joint Venture  
2435 North Calvert Street  
Baltimore, Maryland 21218  
Daft-McCune-Walker, Inc. George Evans & Associates, Inc. Moore/Lewis Inc.  
530 EAST JOPPA ROAD TOWSON, MARYLAND 21284 130 WEST HAMILTON STREET BALTIMORE, MARYLAND 21201 2435 NORTH CALVERT STREET BALTIMORE, MARYLAND 21218

USING AGENCY APPROVAL  
Robert B. Smith  
3/20/83  
3/29/83

DEPARTMENT OF GENERAL SERVICES  
PROJECT ADMINISTRATOR  
DATE 3/21/83

REVISIONS  
REV. #1 - 3-23-83  
NO. 000-751-001  
Northwest District Court  
Wabash Avenue  
Baltimore, Maryland

DRAWING NO. A16  
BWJ/GSP/310  
DATE: 20 JAN 1983



Browne, Worrall & Johnson/Gutwein-Guenther Professional Association  
2435 North Calvert Street  
Baltimore, Maryland 21218

Daft-McCune-Walker, Inc. George Evans & Associates, Inc. Moore/Lewis Inc.  
330 EAST JOPPA ROAD TOWSON, MARYLAND 21284  
130 WEST HAMILTON STREET BALTIMORE, MARYLAND 21201  
2435 NORTH CALVERT STREET BALTIMORE, MARYLAND 21218

USING AGENCY APPROVAL  
Robert B. Smith  
3/23/83

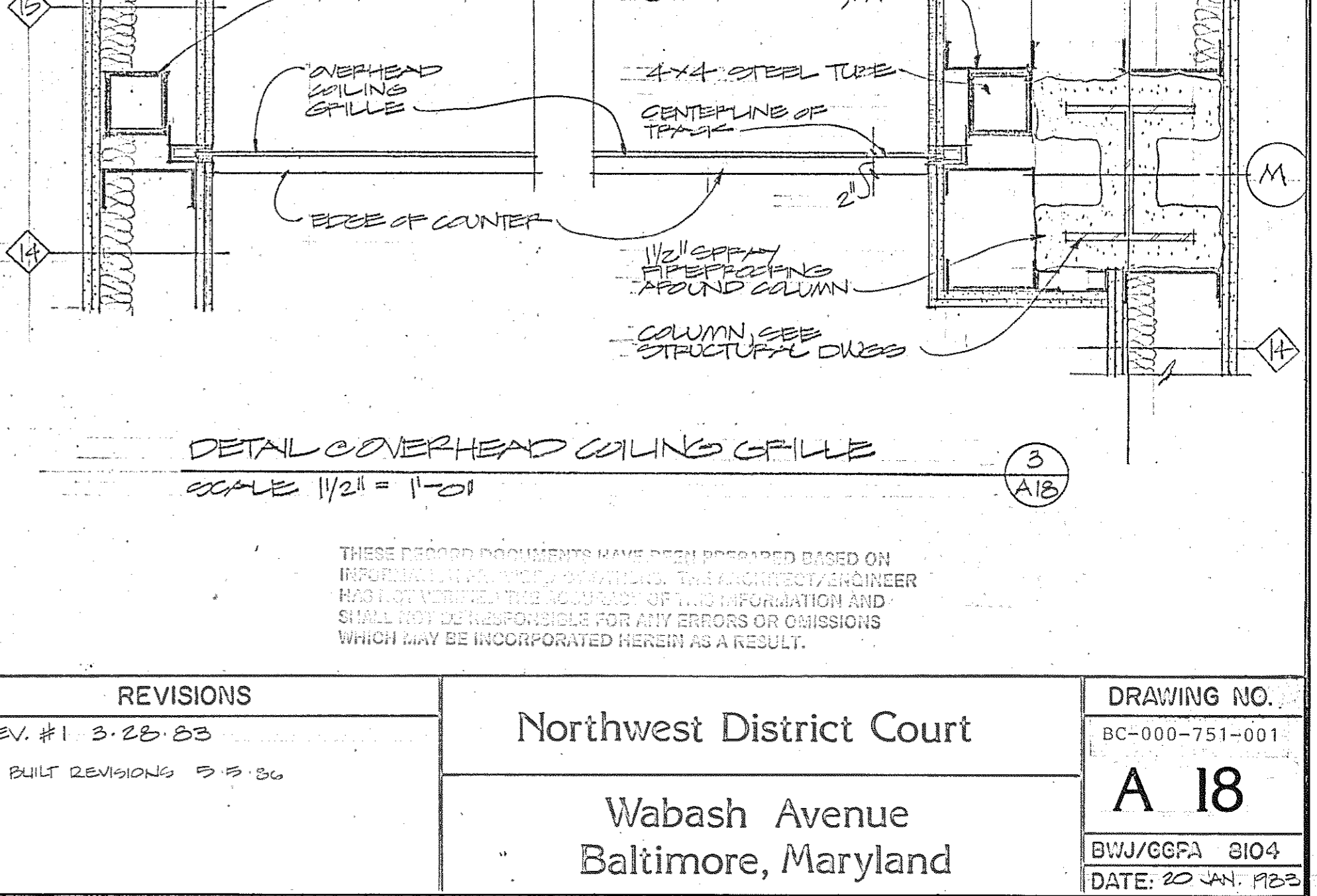
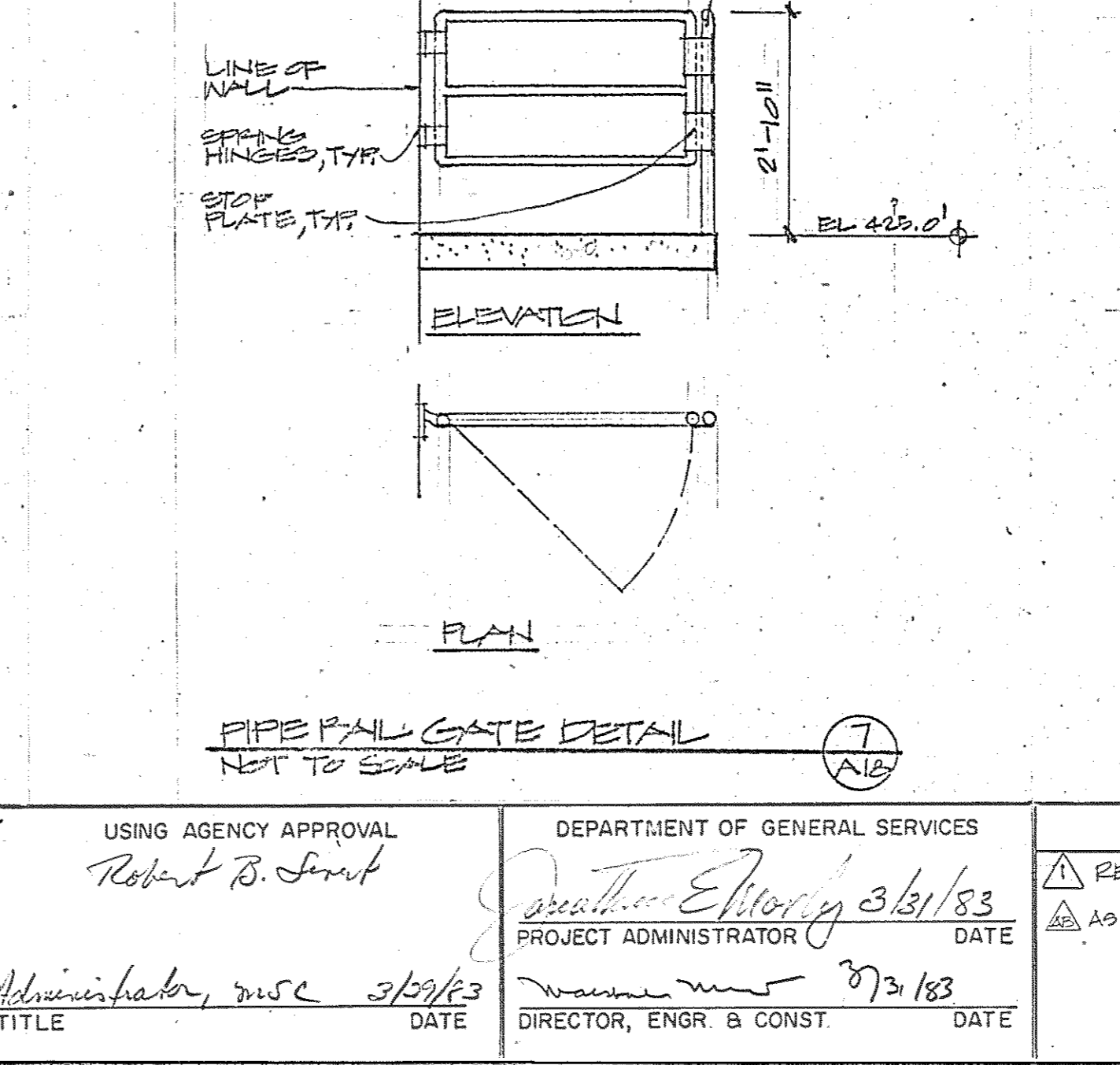
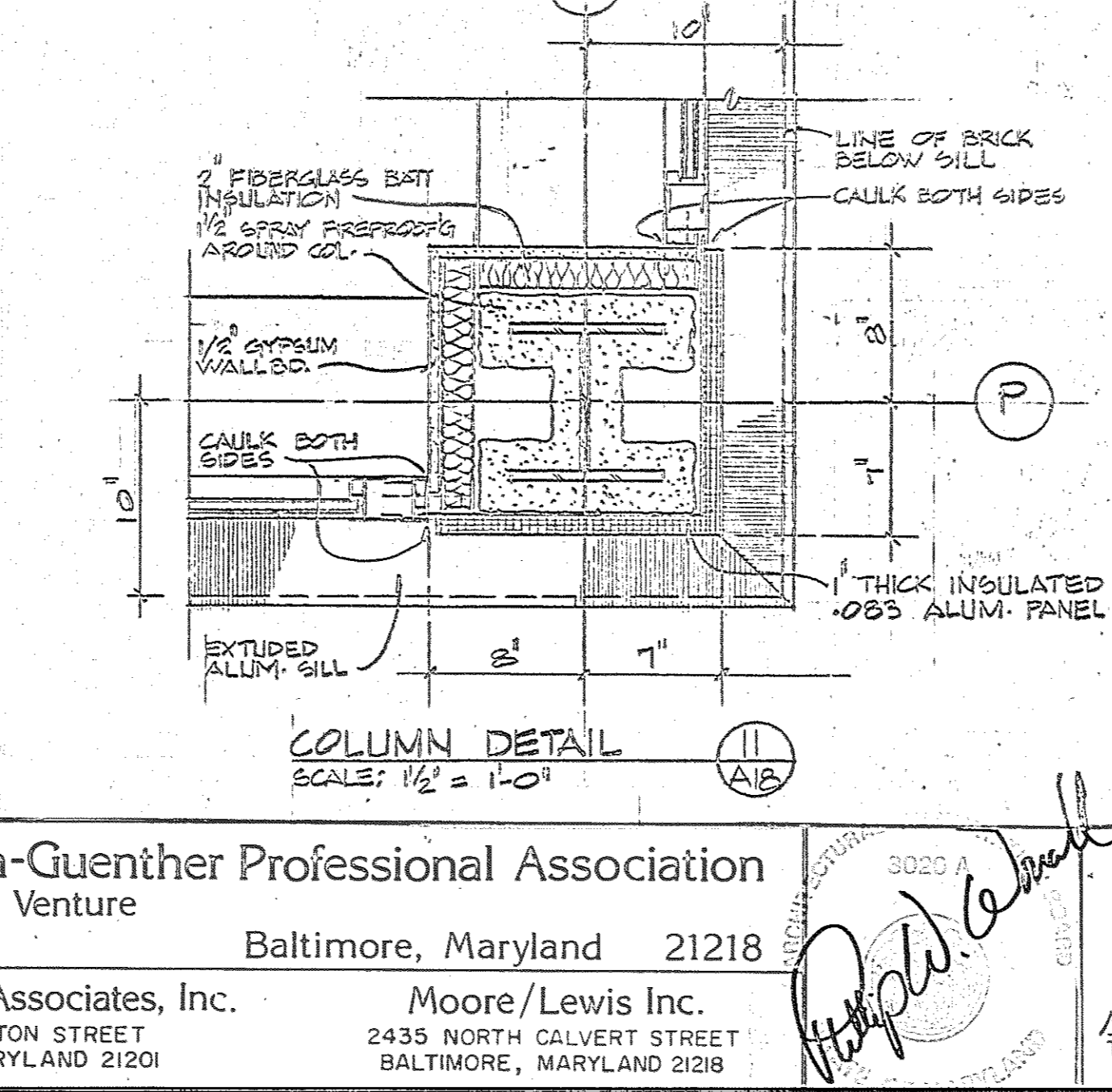
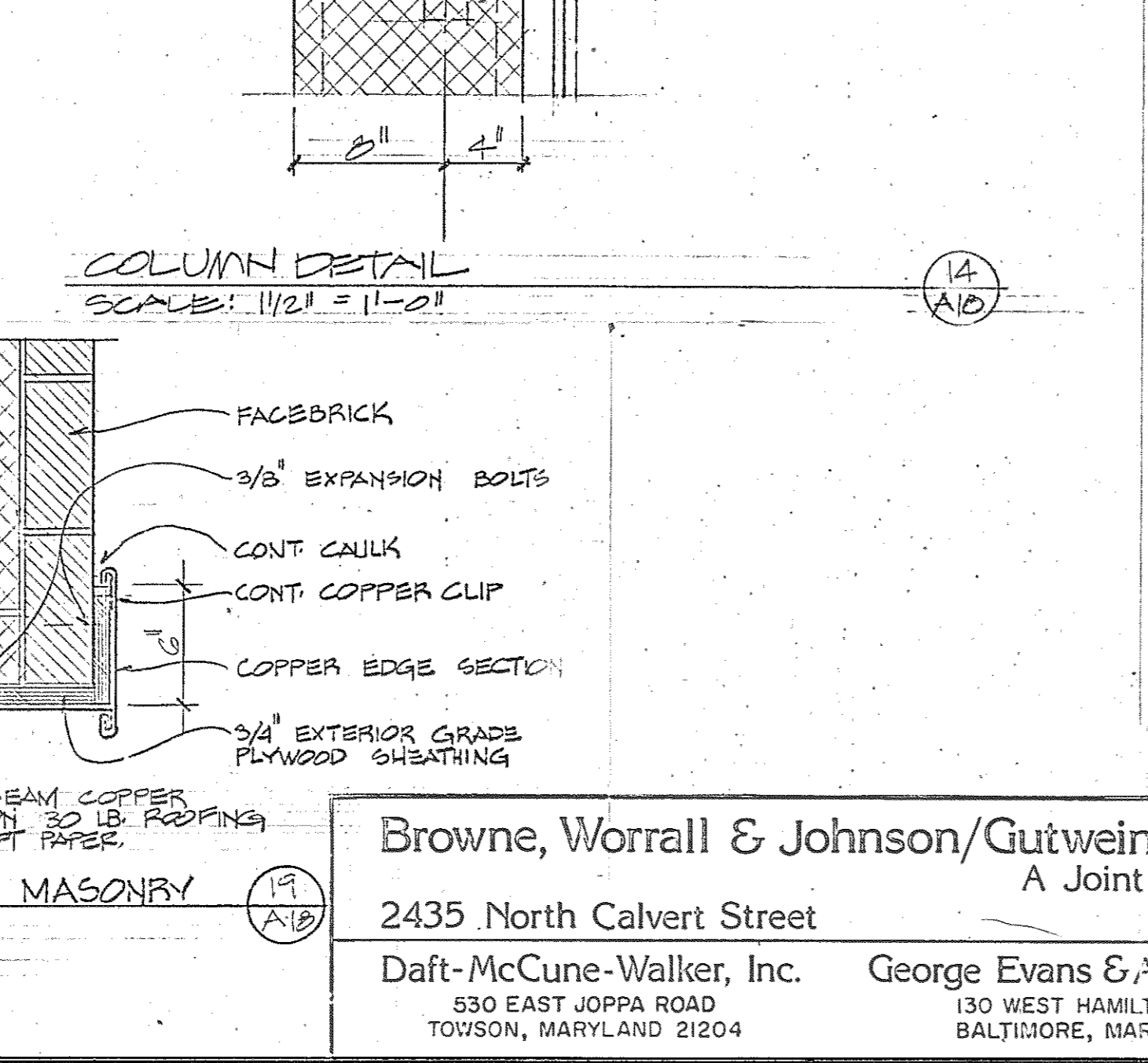
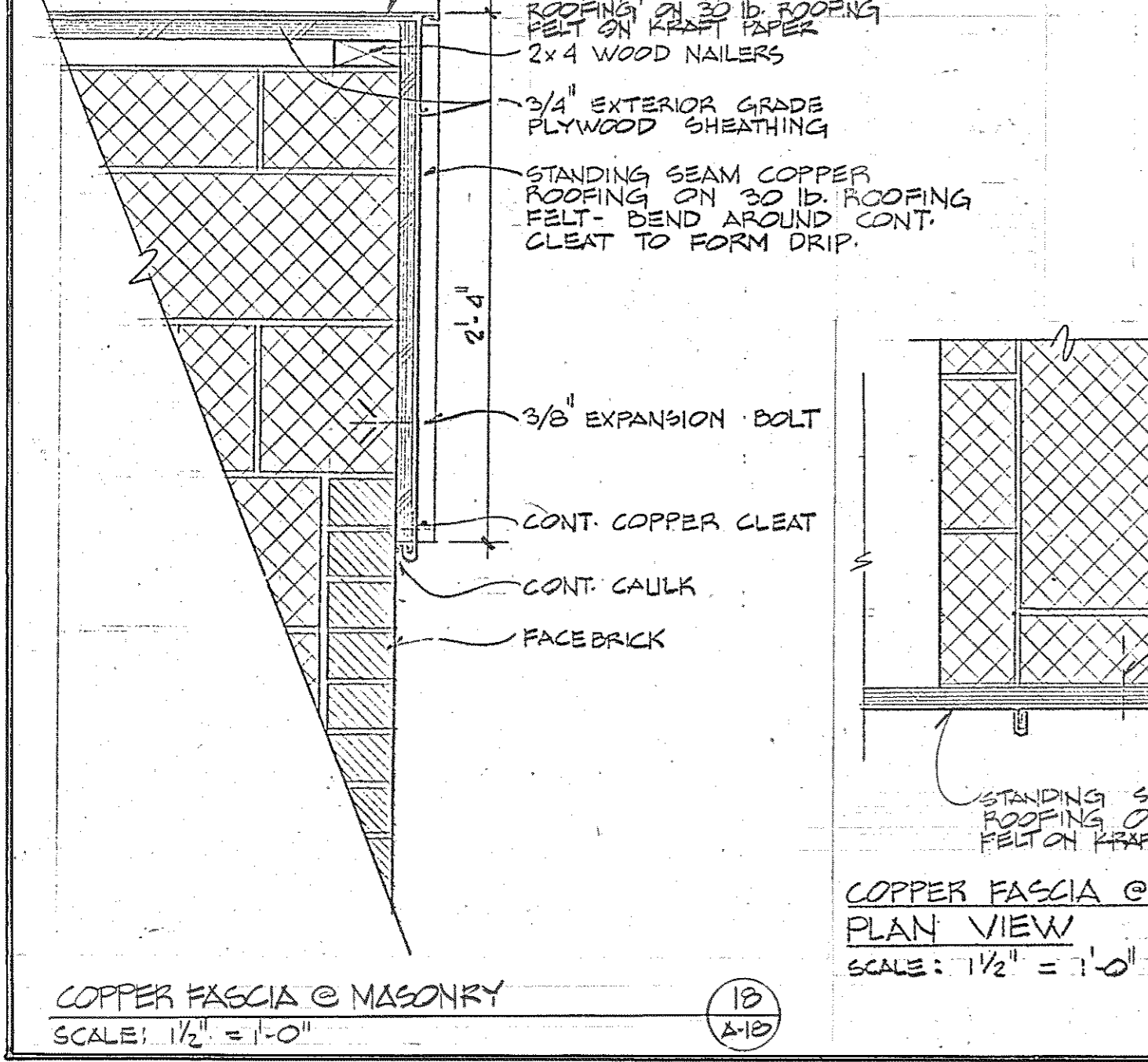
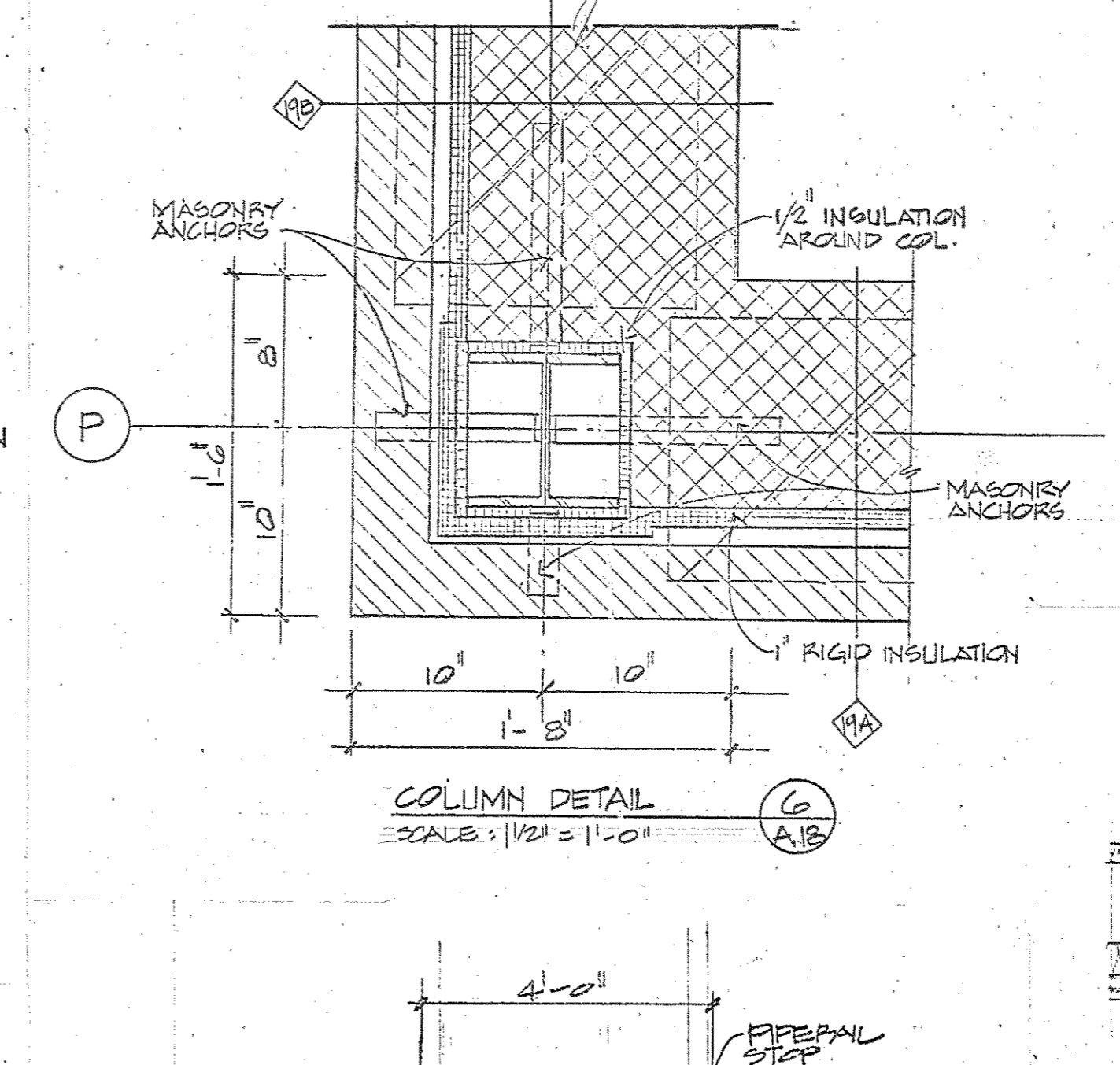
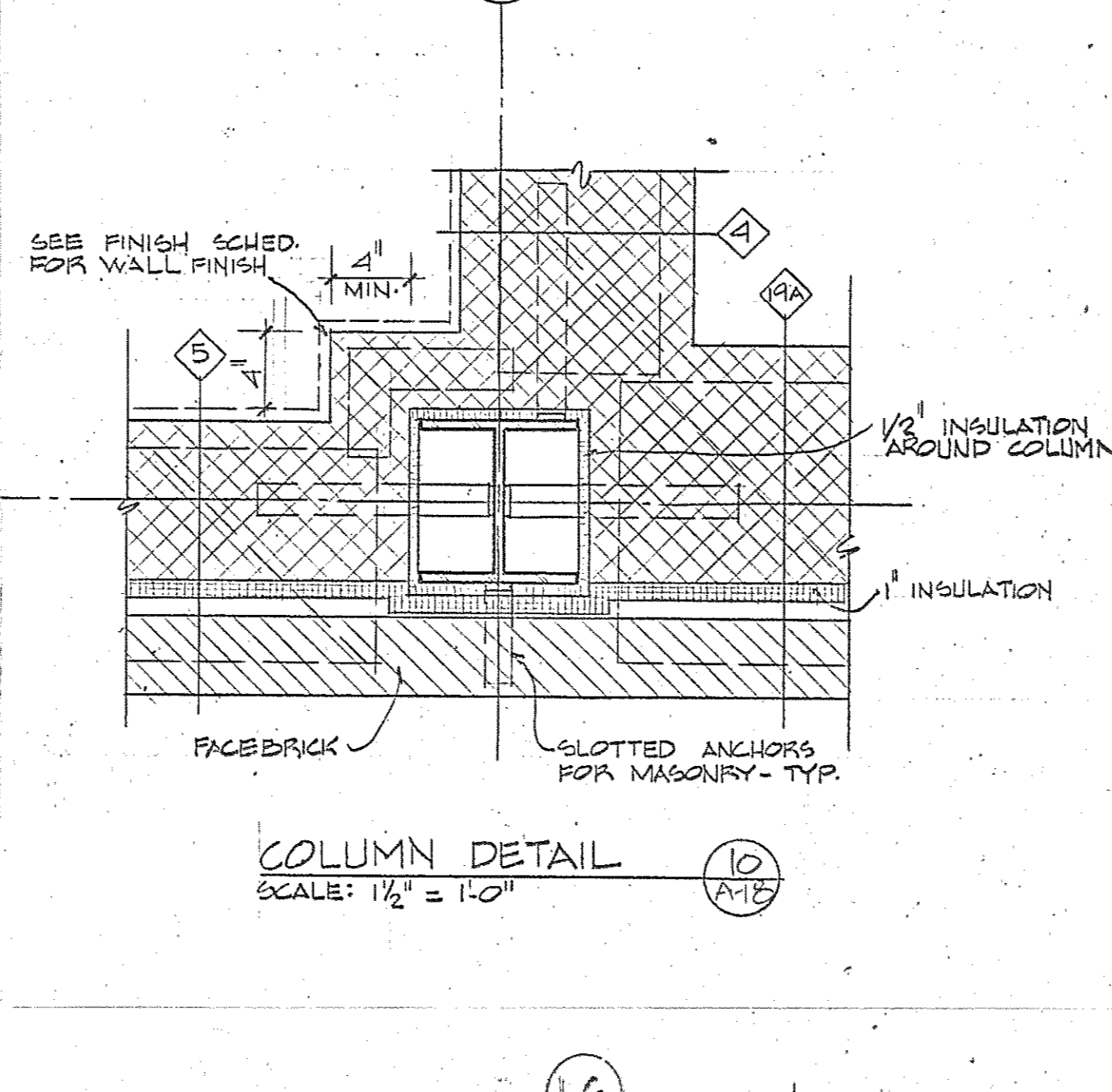
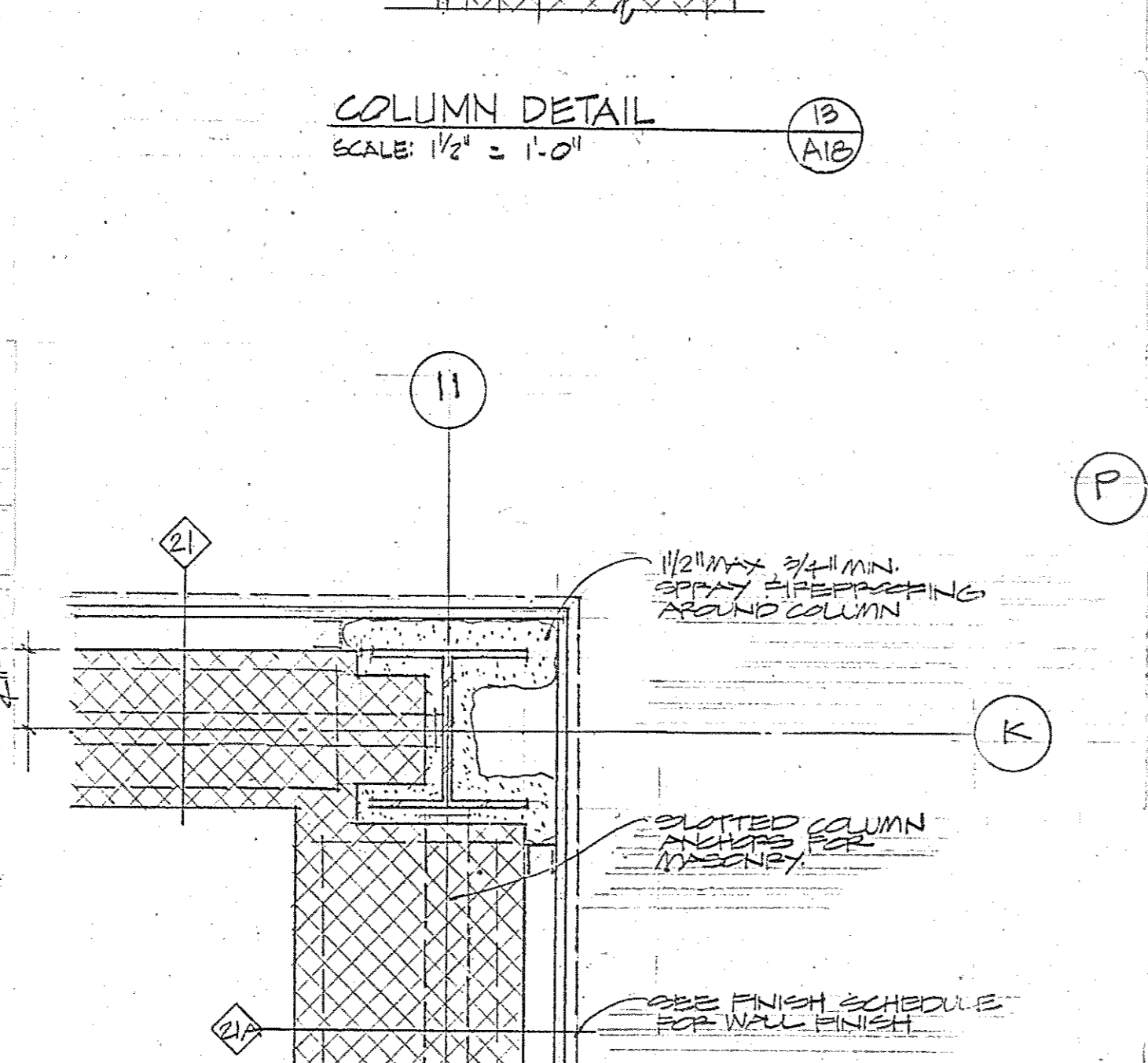
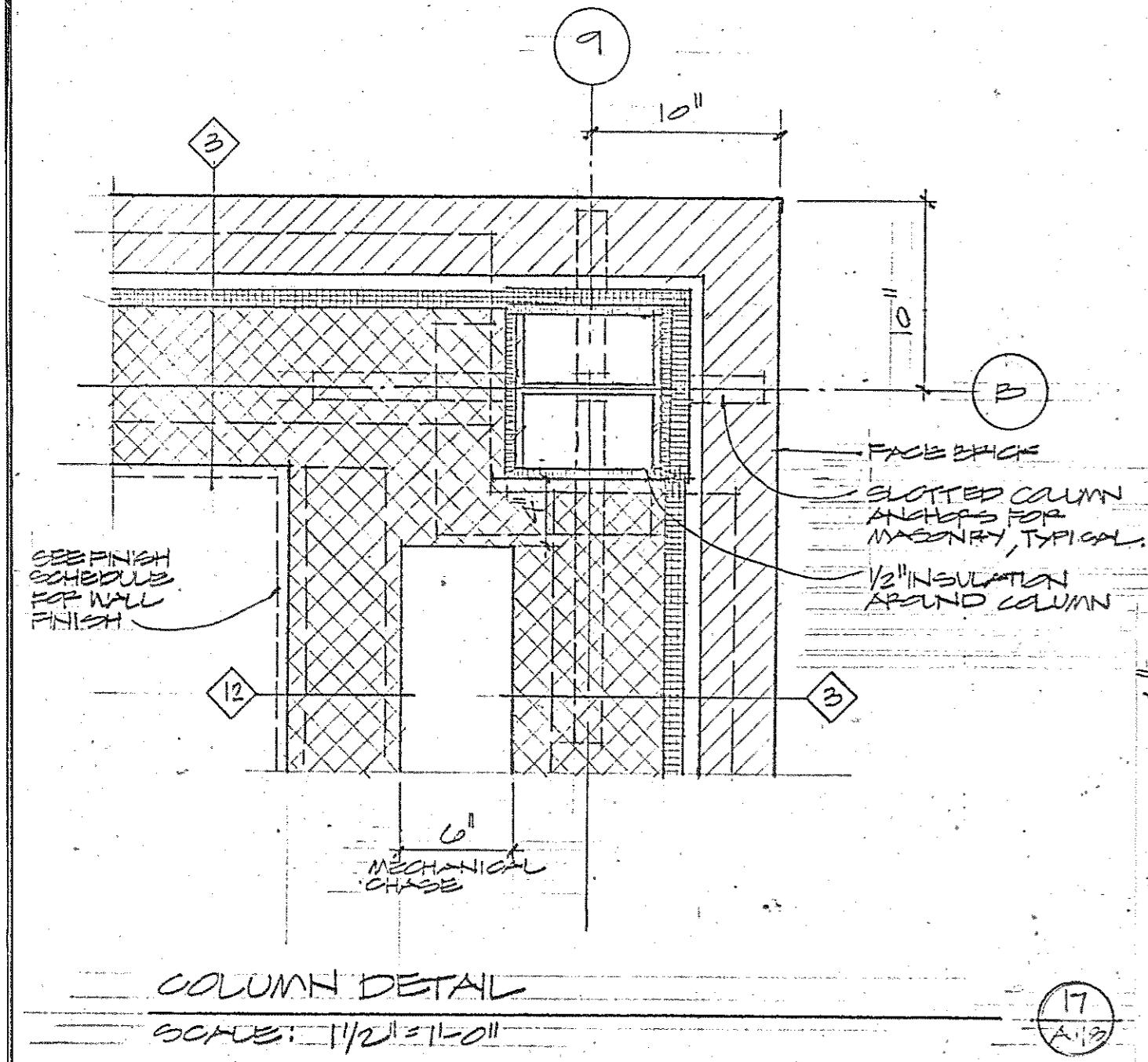
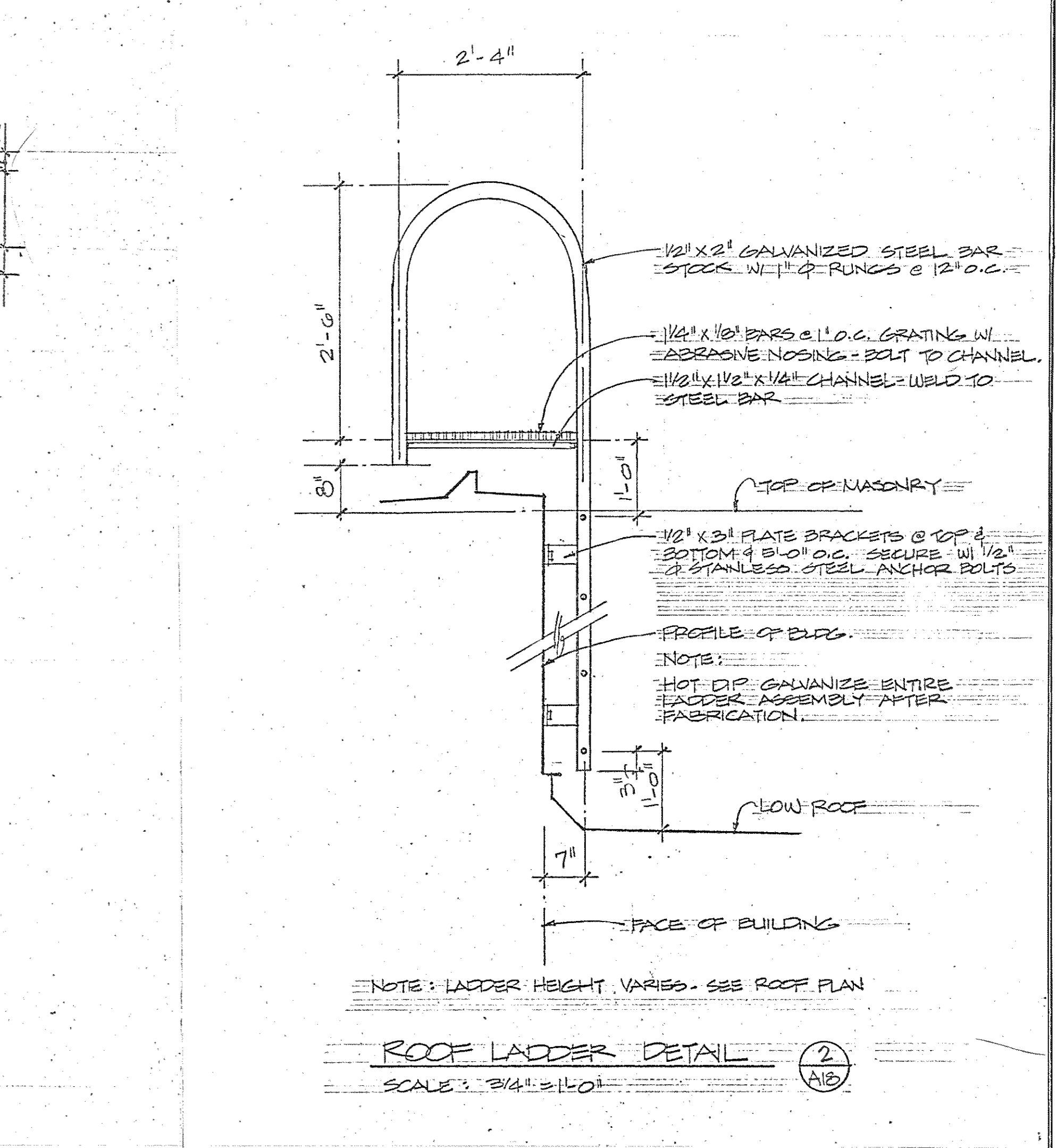
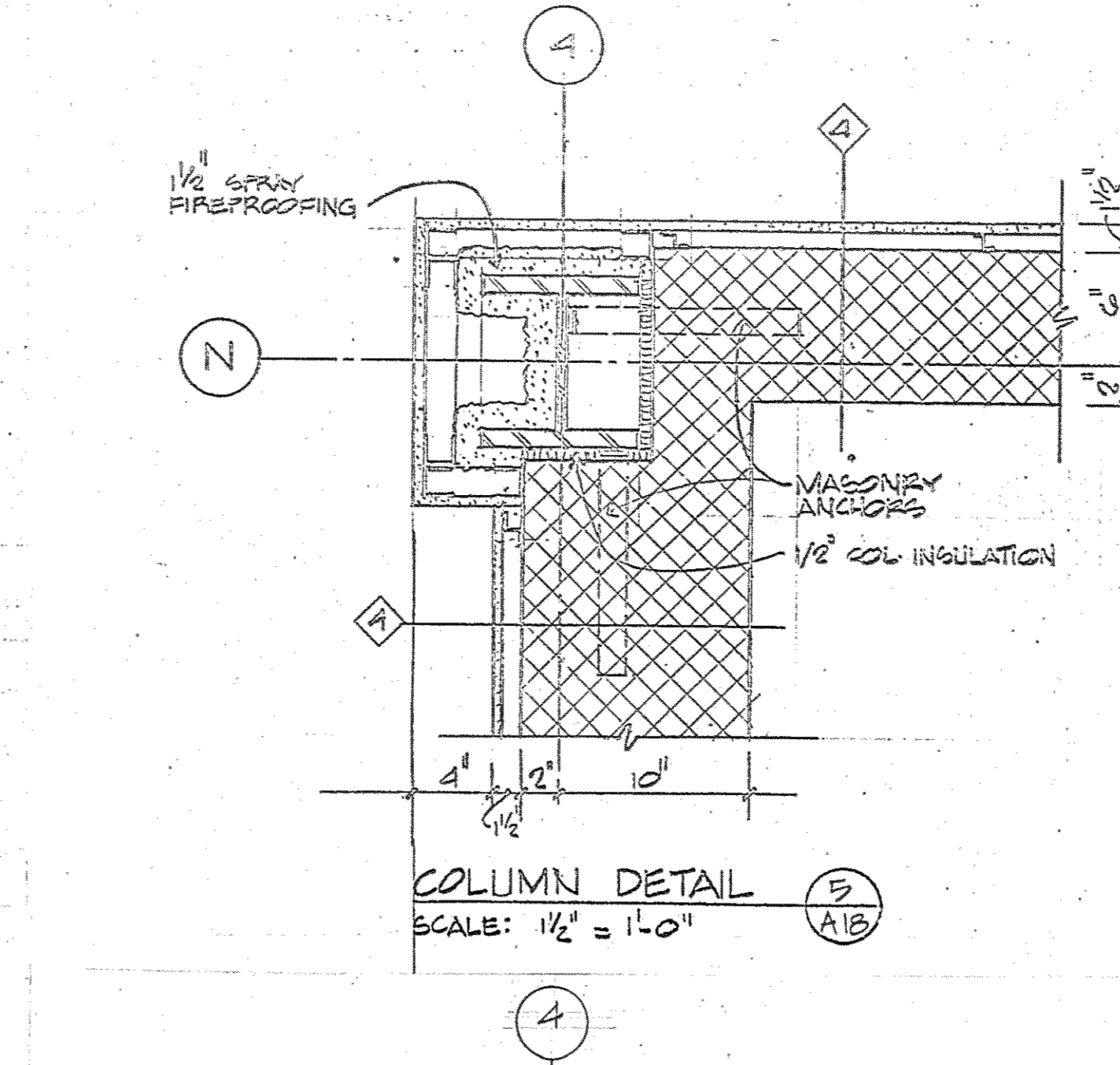
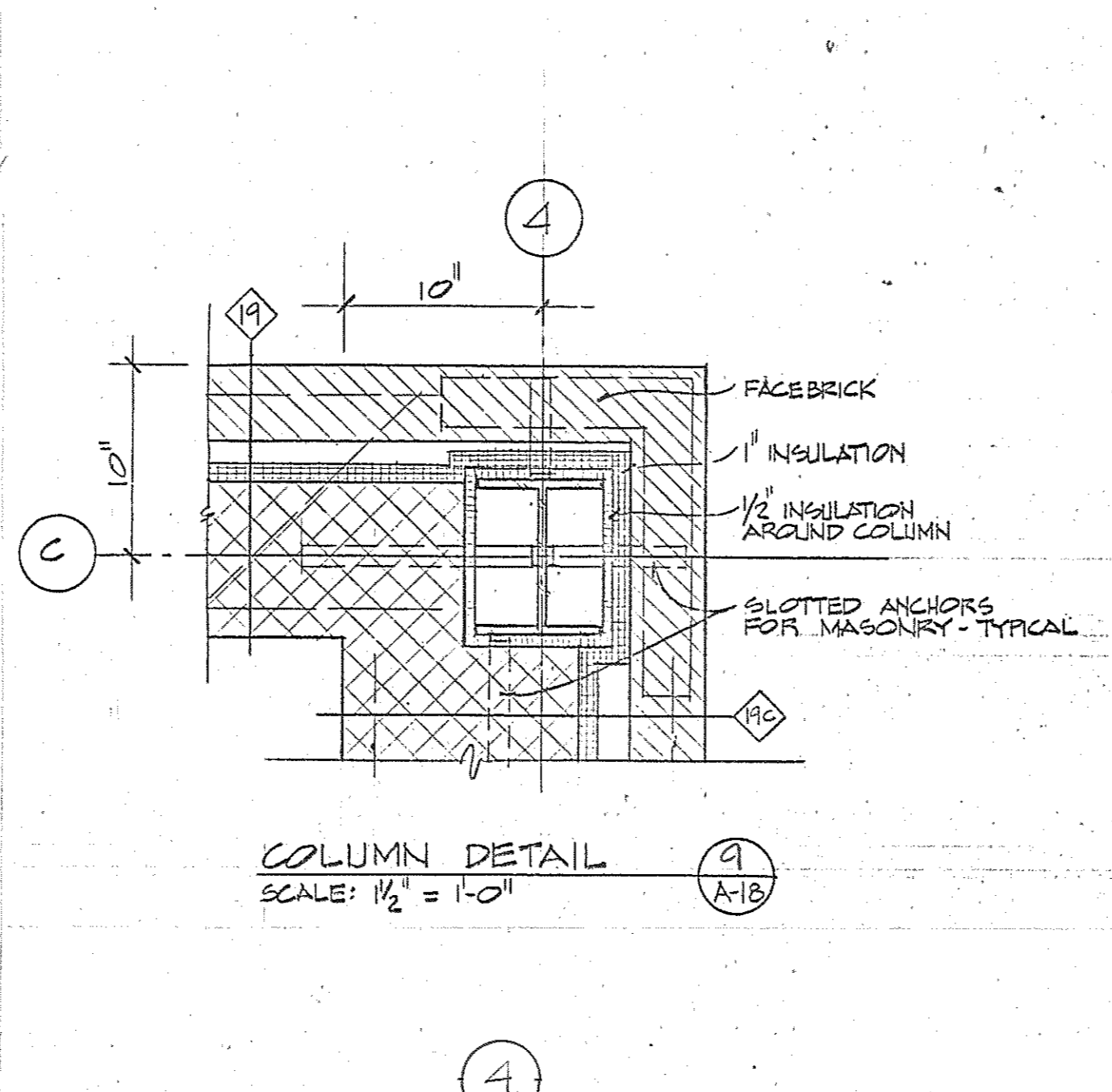
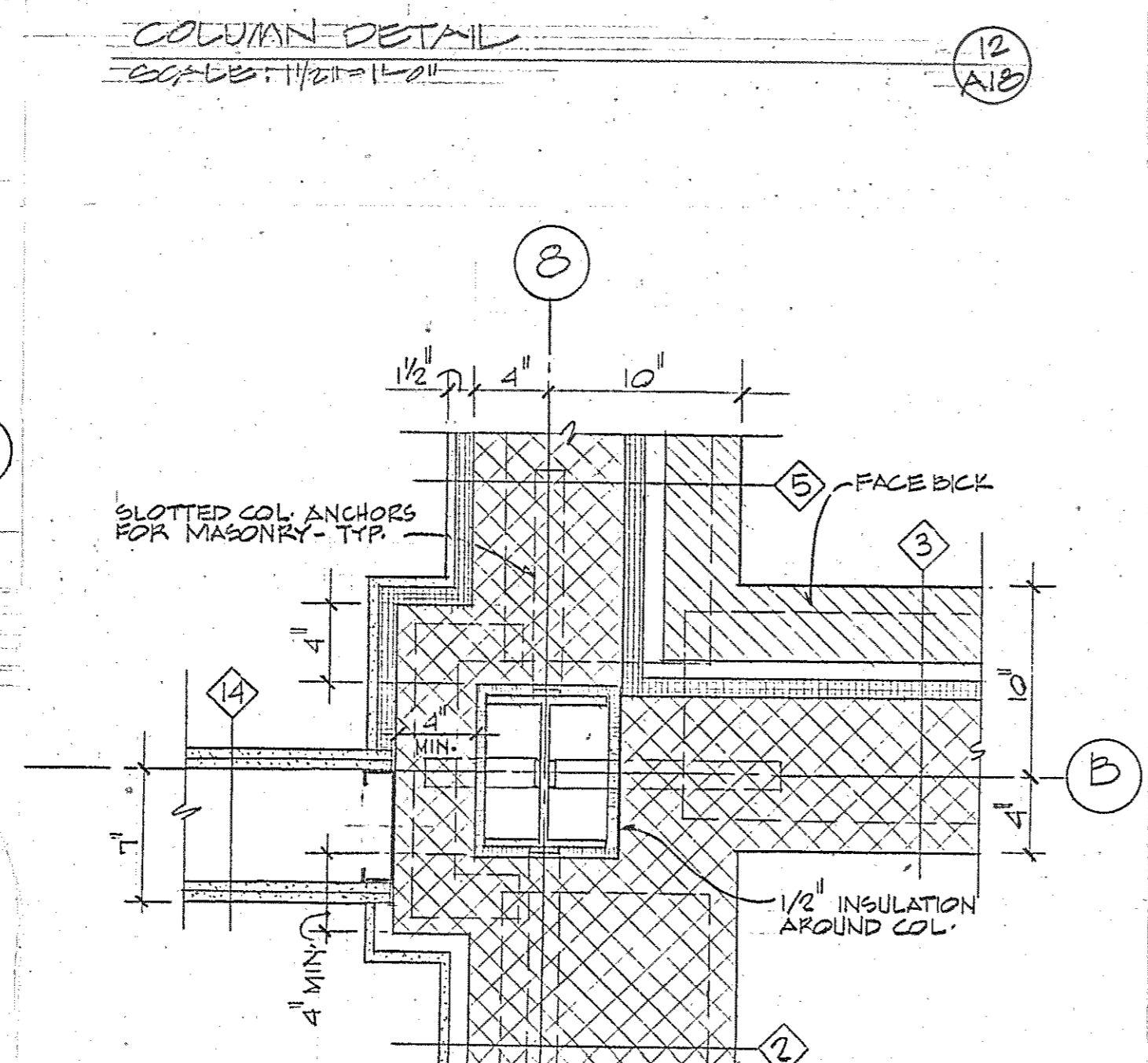
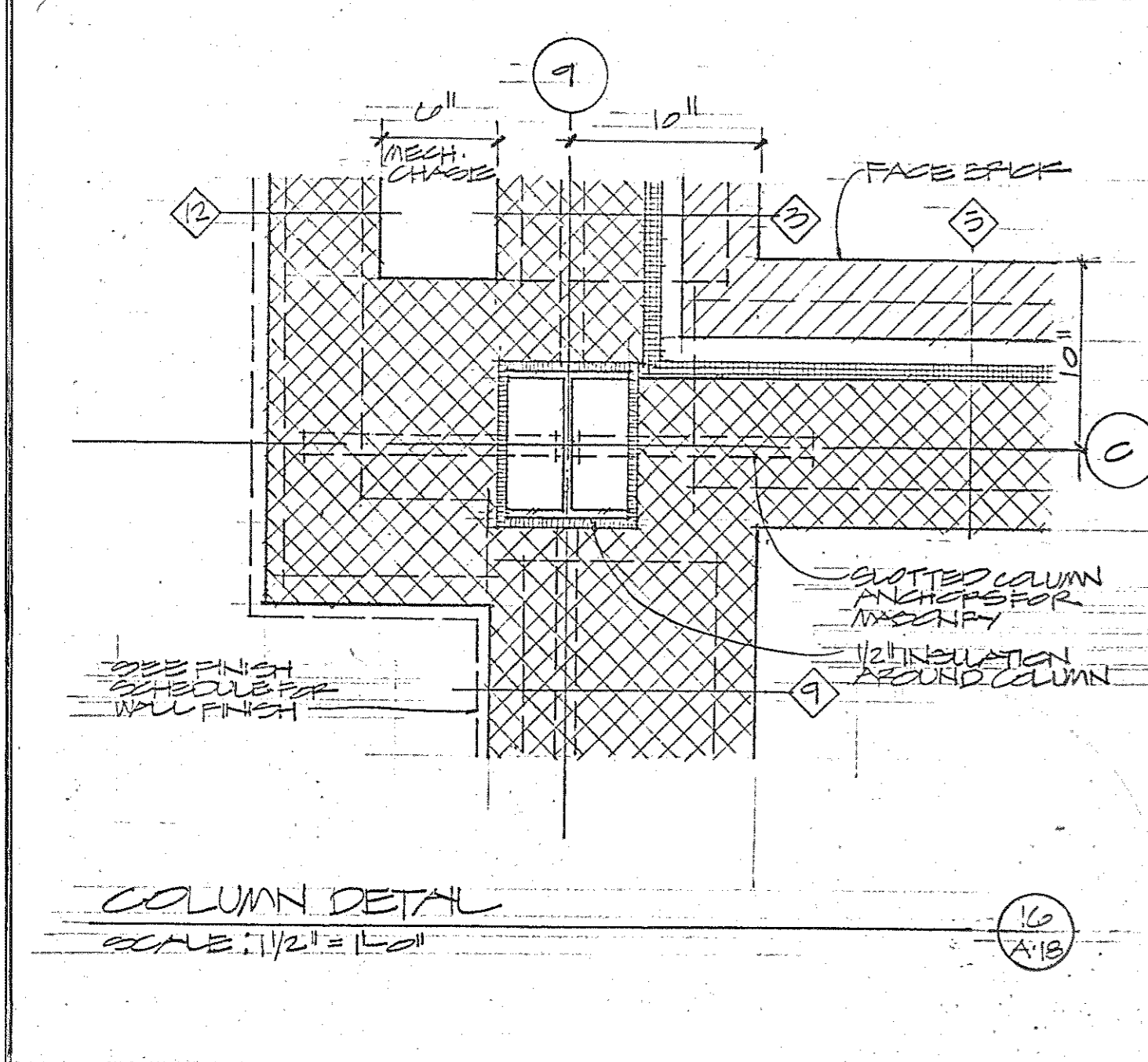
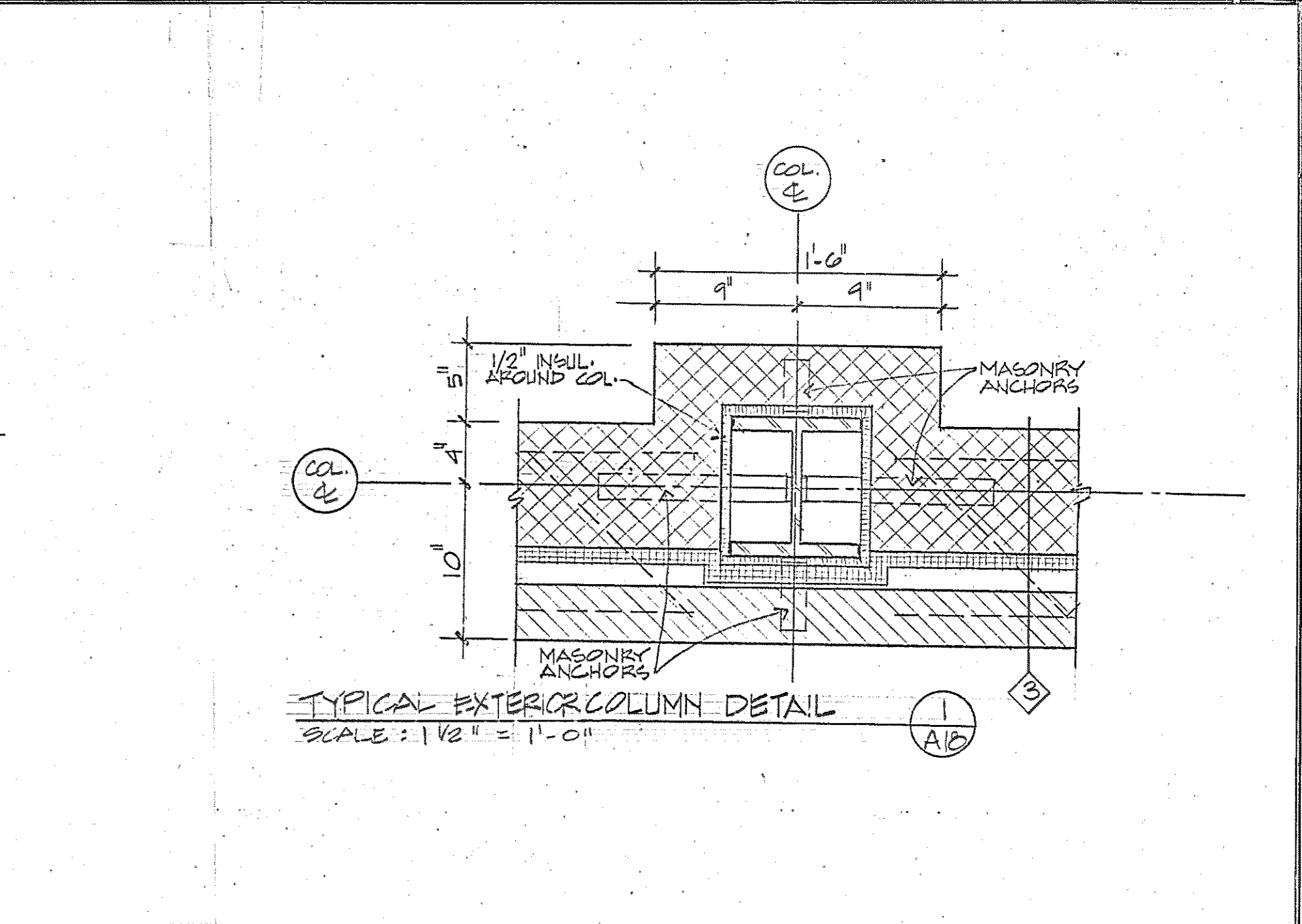
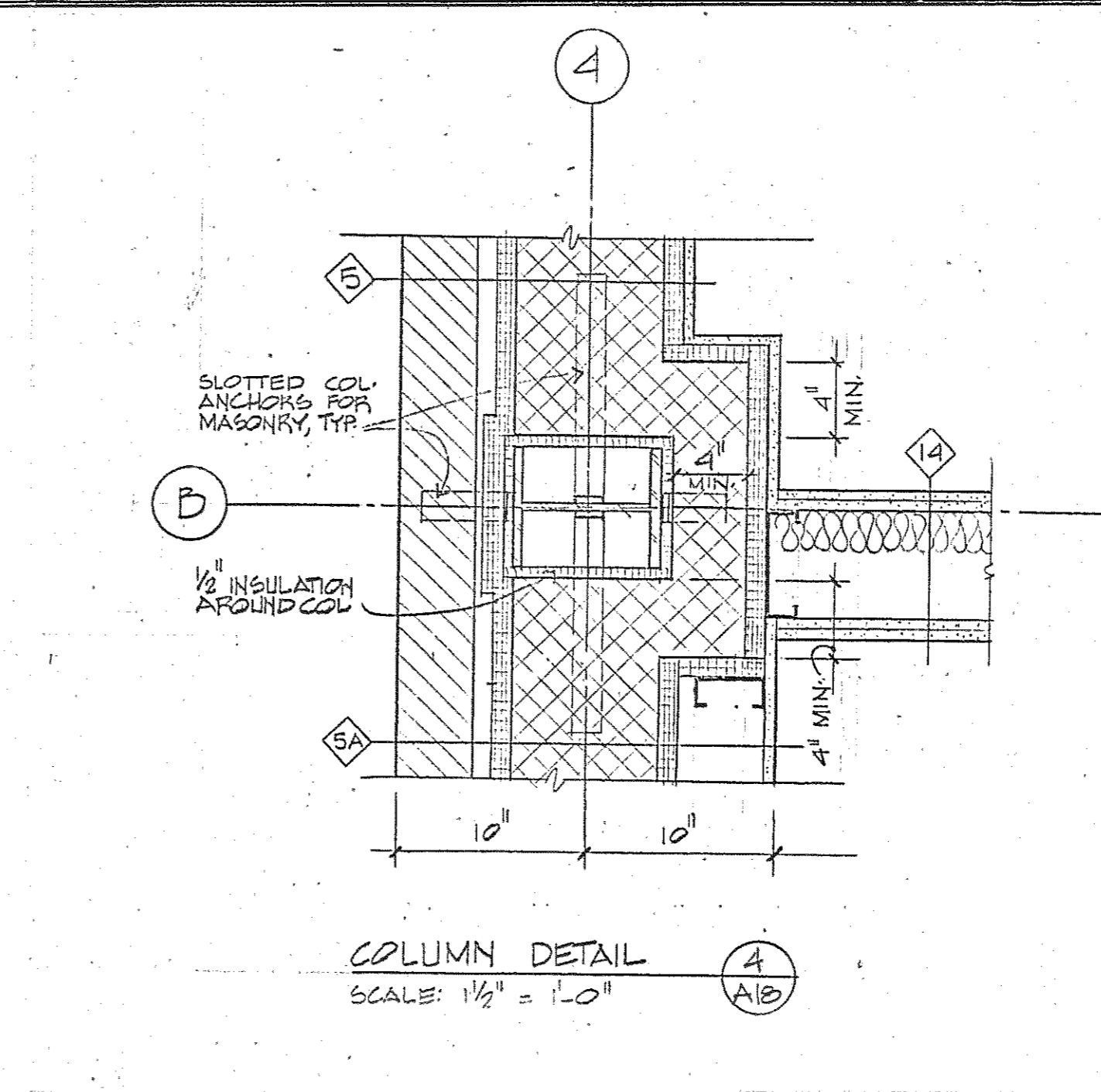
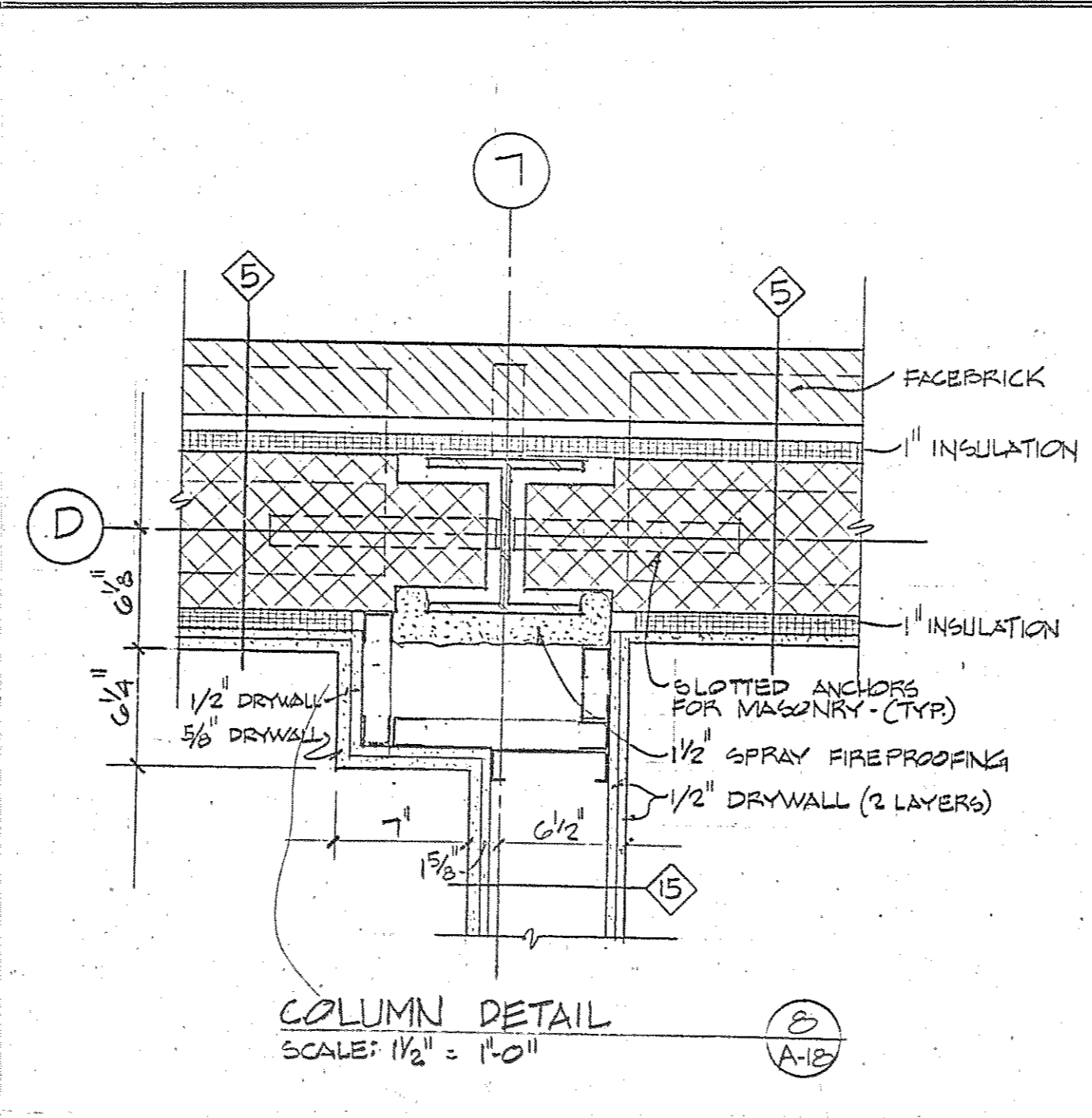
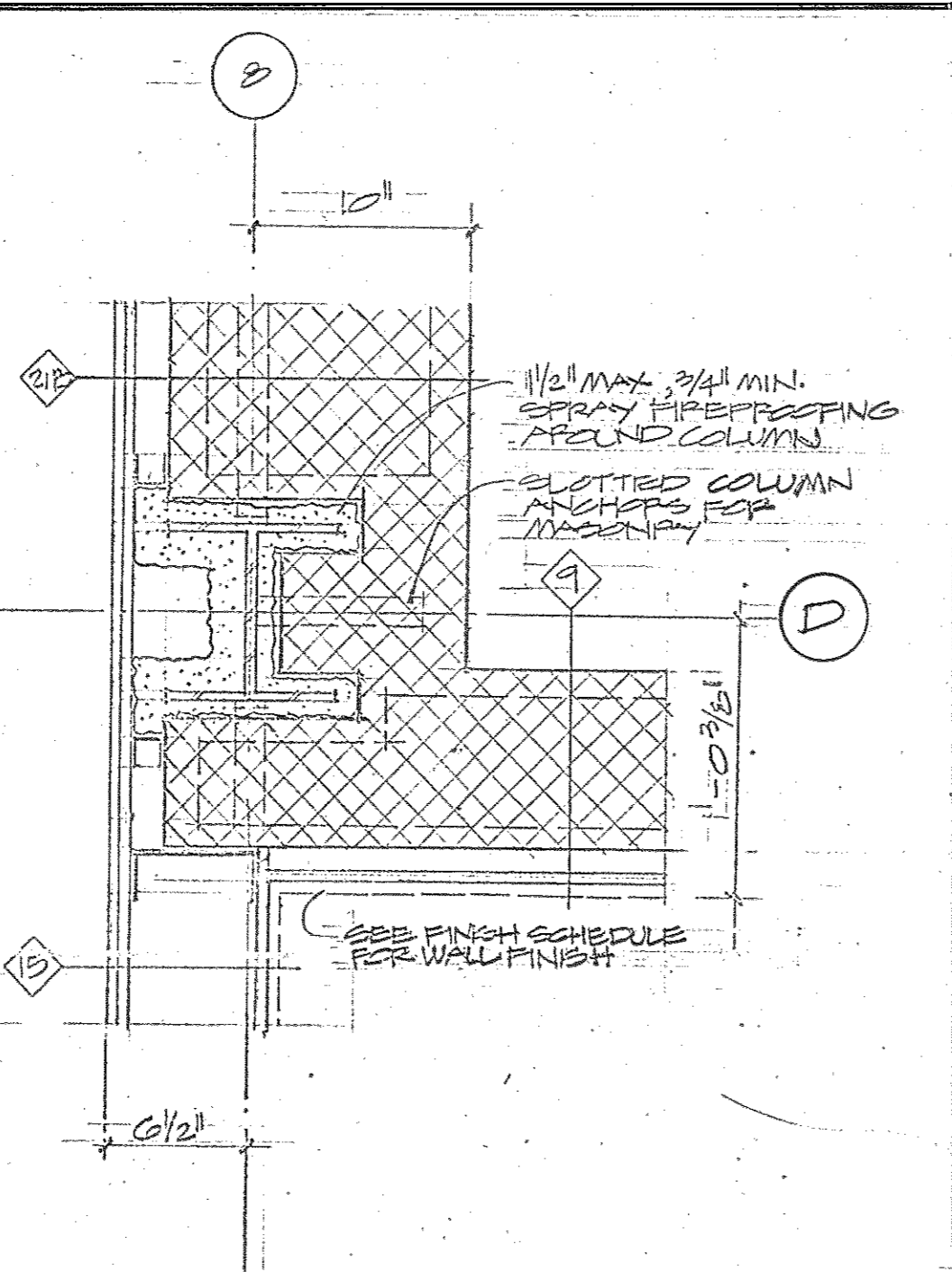
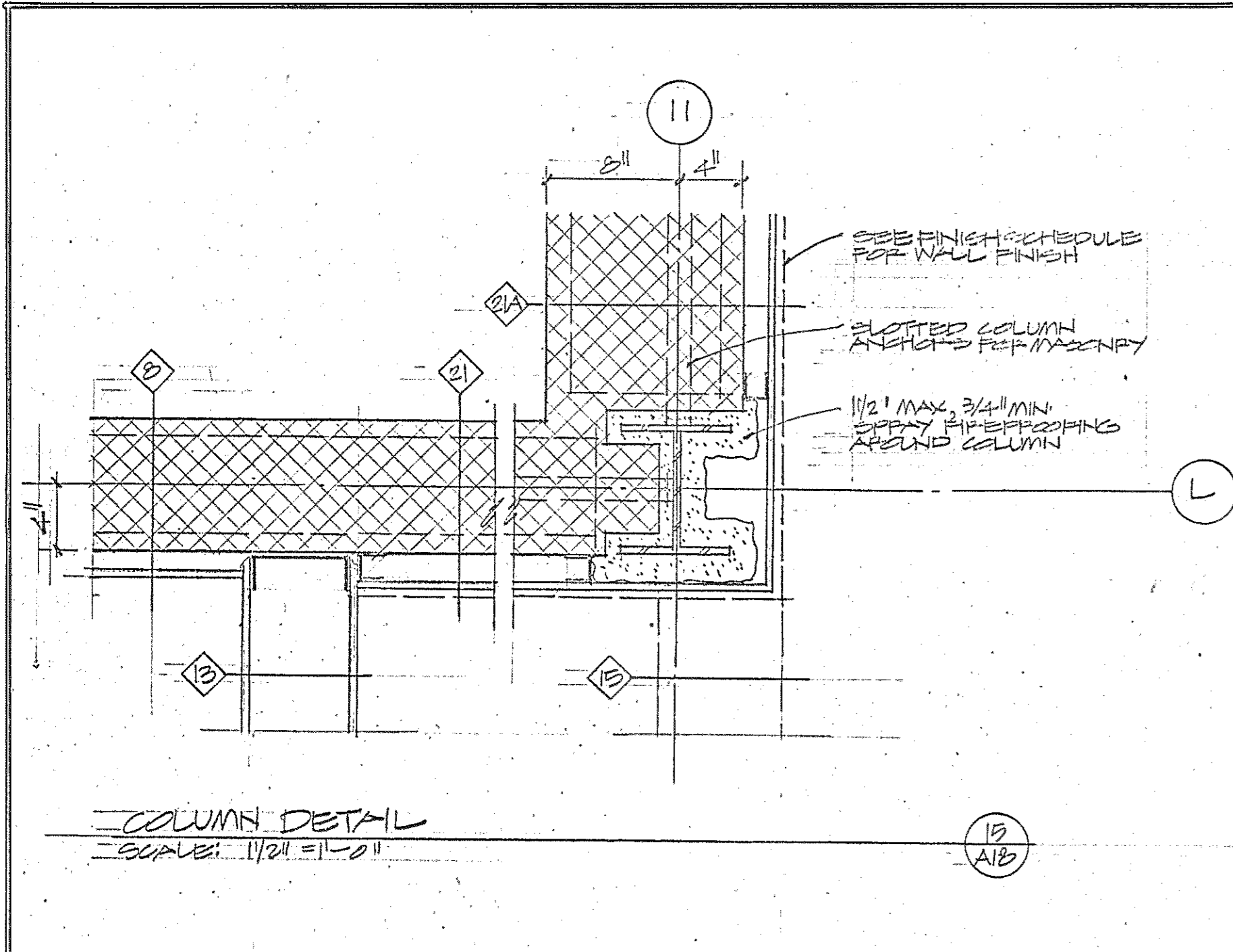
DEPARTMENT OF GENERAL SERVICES  
PROJECT ADMINISTRATOR  
3/23/83

REVISIONS  
REV. #1 3.28.83  
AD BUILT REVISIONS 3.5.86

Northwest District Court  
Wabash Avenue  
Baltimore, Maryland

DRAWING NO. BC-000-751-001  
A17  
BWJ/GPA - 8104  
DATE: 20 JAN. 1983

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Browne, Worrall & Johnson/Gutwein-Guenther Professional Association  
 A Joint Venture  
 2435 North Calvert Street  
 Baltimore, Maryland 21218  
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 530 EAST JOPPA ROAD 130 WEST HAMILTON STREET 2435 NORTH CALVERT STREET  
 TOVSON, MARYLAND 21204 BALTIMORE, MARYLAND 21201 BALTIMORE, MARYLAND 21218

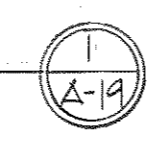
USING AGENCY APPROVAL  
 Robert B. Smith  
 DEPARTMENT OF GENERAL SERVICES  
 PROJECT ADMINISTRATOR  
 DATE 3/13/83  
 DATE 3/183

REVISIONS  
 REV. #1 3.28.83  
 AS BUILT DEVIATIONS 5 5 34

Northwest District Court  
 Wabash Avenue  
 Baltimore, Maryland  
 DRAWING NO. BC-000-751-001  
 A 18  
 BWJ/GSPA 3104  
 DATE: 20 JAN. 1983  
 FILE NO. 84 - DWG. NO. 378



REFLECTED CEILING PLAN - BASEMENT  
SCALE: 1/8" = 1'-0"



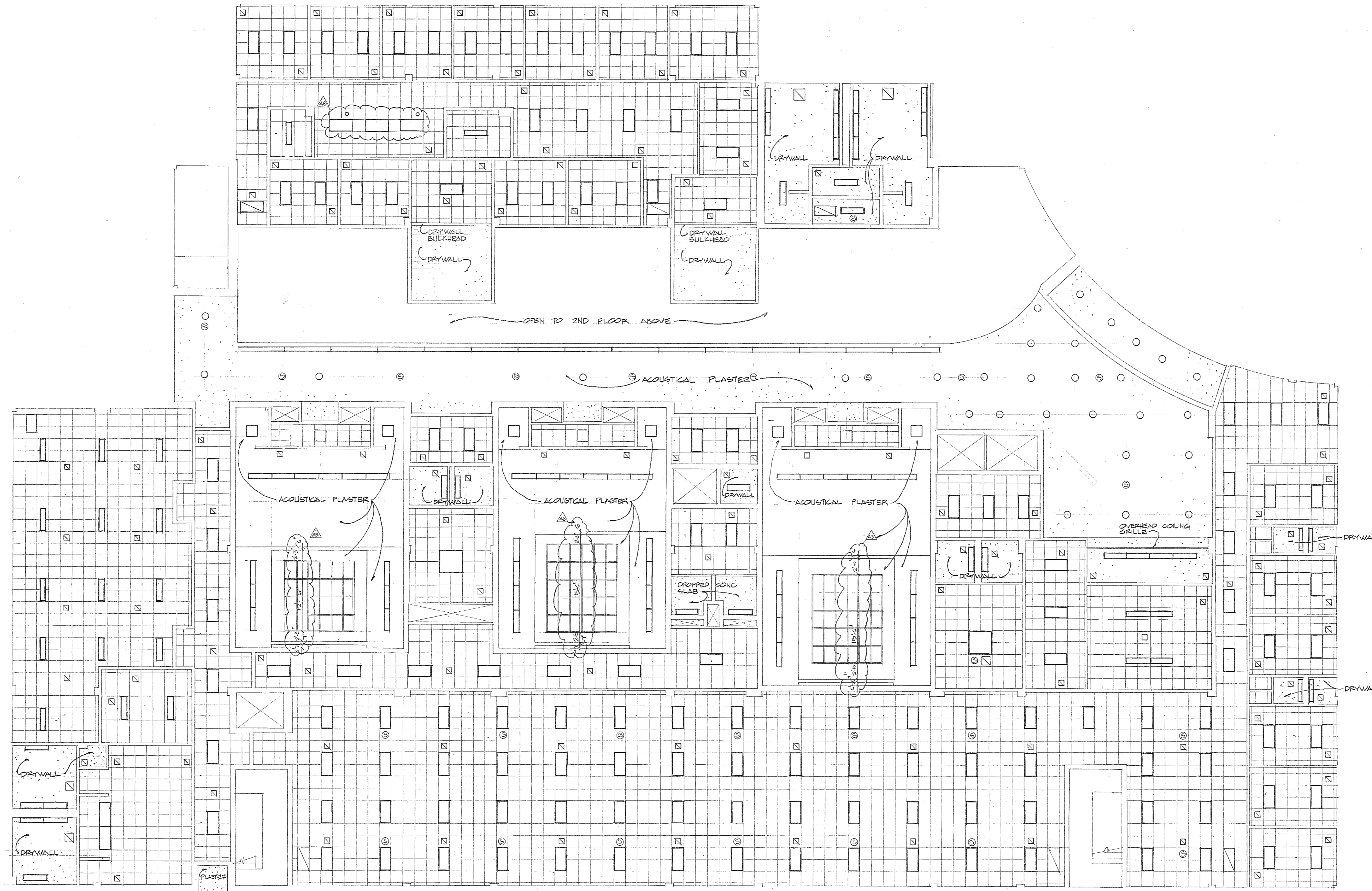
SYMBOL LEGEND

- LIGHTS
- EXHAUST FANS - UNIT HEATERS
- FLUSH CLG. SPEAKERS
- SMOKE DETECTORS
- THERMO-DETECTORS

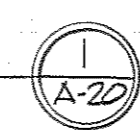
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<b>Browne, Worrall &amp; Johnson/Gutwein-Guenther Professional Association</b> A Joint Venture 2435 North Calvert Street Baltimore, Maryland 21218		USING AGENCY APPROVAL <i>Robert B. Friel</i> PROJECT ADMINISTRATOR DATE: 2/27/83		DEPARTMENT OF GENERAL SERVICES <i>George W. Moore</i> PROJECT ADMINISTRATOR DATE: 2/21/83		REVISIONS REV. 21 3-28-1983 AS BUILT REVISIONS 5-5-86		Northwest District Court Wabash Avenue Baltimore, Maryland		DRAWING NO. BC-000-751-001 <b>A 19</b> BWJ/GGPA 8104 DATE: 20 JAN. 1983	
Daft-McCune-Walker, Inc. 530 EAST JOPPA ROAD TOWSON, MARYLAND 21204		George Evans & Associates, Inc. 130 WEST HAMILTON STREET BALTIMORE, MARYLAND 21201		Moore/Lewis Inc. 2435 NORTH CALVERT STREET BALTIMORE, MARYLAND 21218		TITLE: DIRECTOR, ENGR. & CONST. DATE:		FILE NO. 84 - DWG. NO. 379			





REFLECTED CEILING PLAN - GROUND FLOOR  
SCALE: 1/8" = 1'-0"



- SYMBOL LEGEND**
- LIGHTS
  - EXHAUST FANS - DIFFUSERS
  - FLUSH CLG. SPEAKERS

THESE RECORD DOCUMENTS HAVE BEEN PREPARED BASED ON INFORMATION PROVIDED BY OTHERS. THE ARCHITECT/ENGINEER HAS NOT VERIFIED THE ACCURACY OF THIS INFORMATION AND SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH MAY BE INCORPORATED HEREIN AS A RESULT.

**Browne, Worrall & Johnson/Gutwein-Guenther Professional Association**  
A Joint Venture  
2435 North Calvert Street Baltimore, Maryland 21218

**Daft-McCune-Walker, Inc.** 530 EAST JOPPA ROAD TOWSON, MARYLAND 21204

**George Evans & Associates, Inc.** 130 WEST HAMILTON STREET BALTIMORE, MARYLAND 21201

**Moore/Lewis Inc.** 2435 NORTH CALVERT STREET BALTIMORE, MARYLAND 21218

*Robert B. Smith*  
Project Administrator

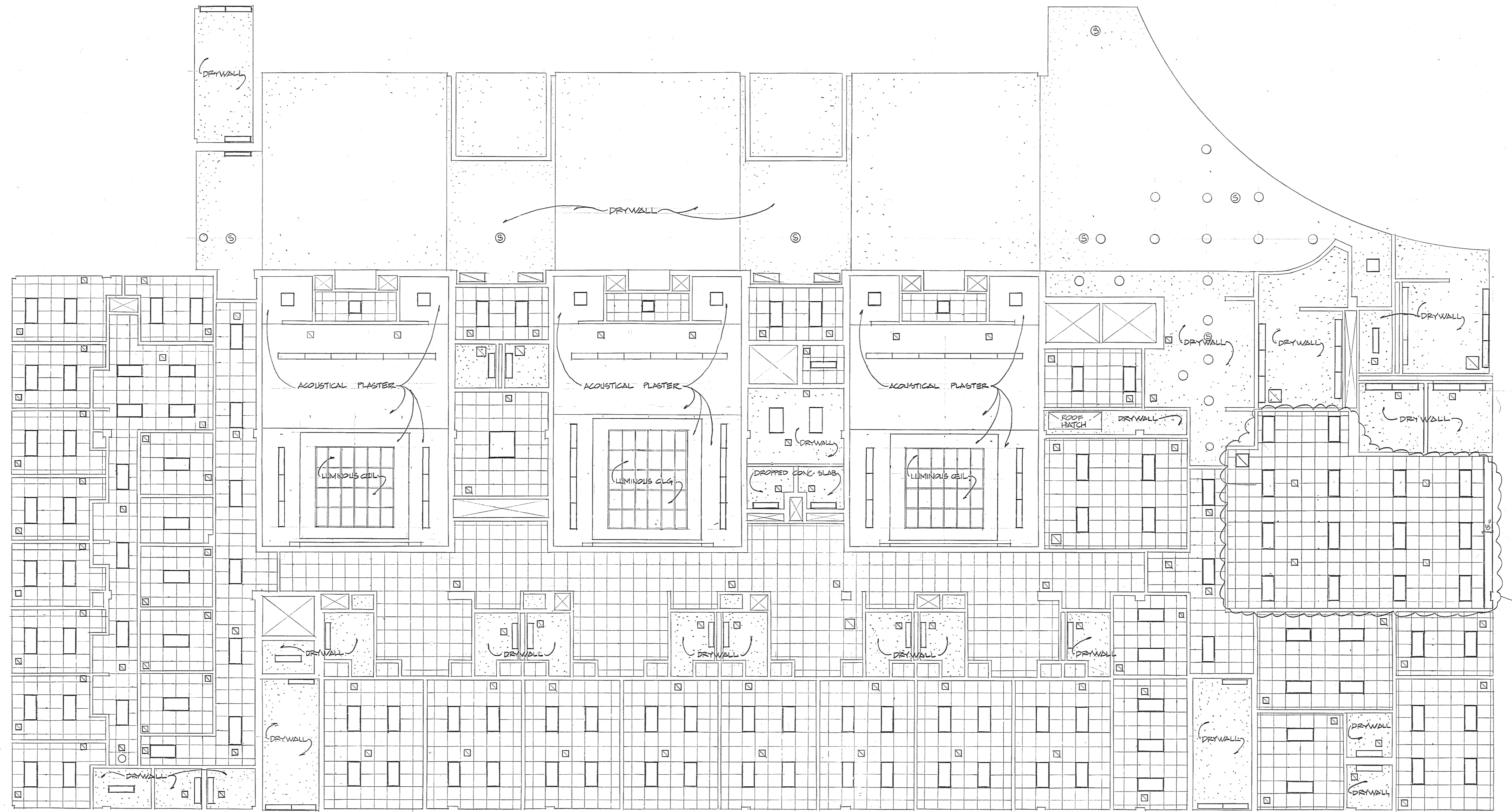
USING AGENCY APPROVAL  
*Robert B. Smith*  
Administrative, 2/28/83 DATE

DEPARTMENT OF GENERAL SERVICES  
*James H. [Signature]*  
PROJECT ADMINISTRATOR DATE

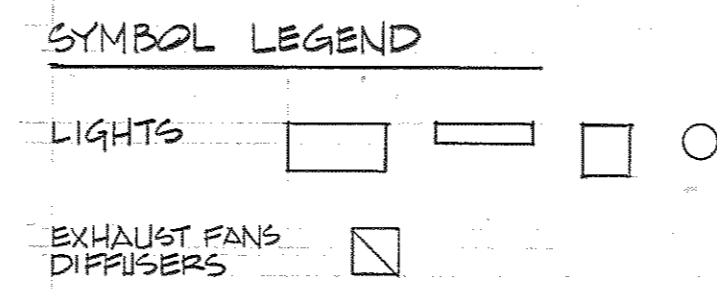
REVISIONS	
REV. #1	3-28-83
AS BUILT REVISIONS	5-9-86

Northwest District Court  
Wabash Avenue  
Baltimore, Maryland

DRAWING NO. BC-000-751-001  
**A 20**  
BWJ/GGPA 8104  
DATE: 20 JAN 83



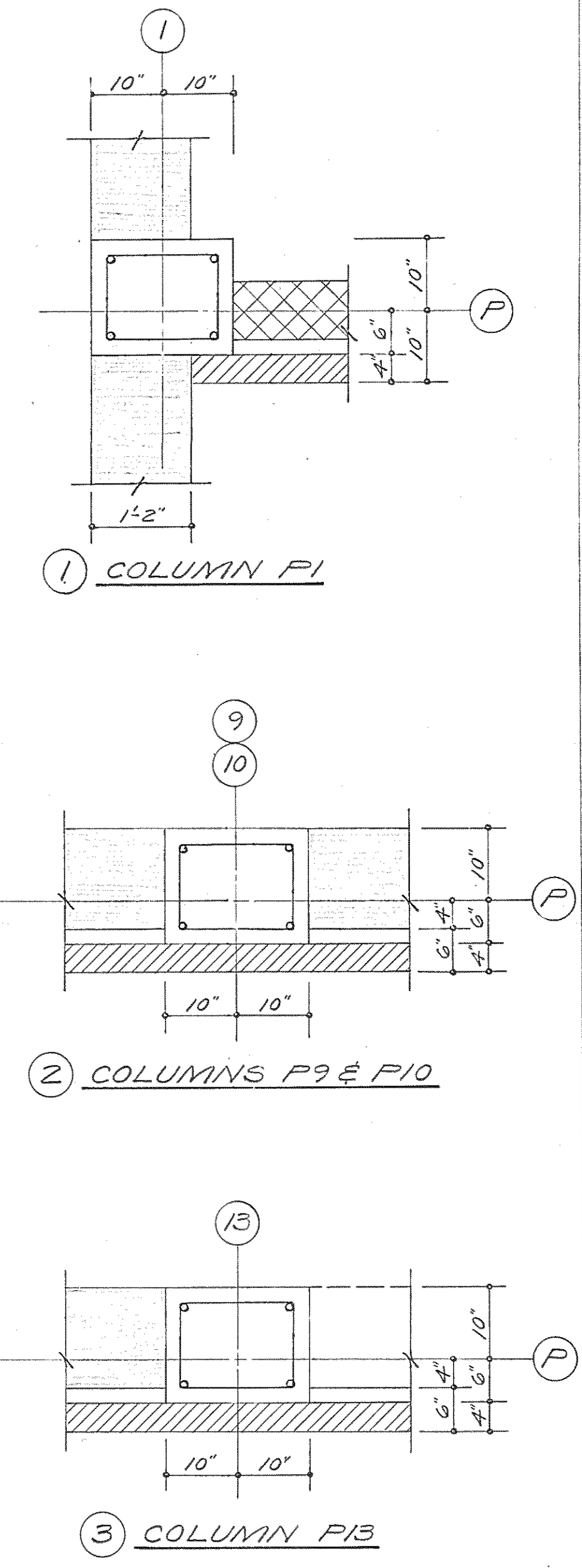
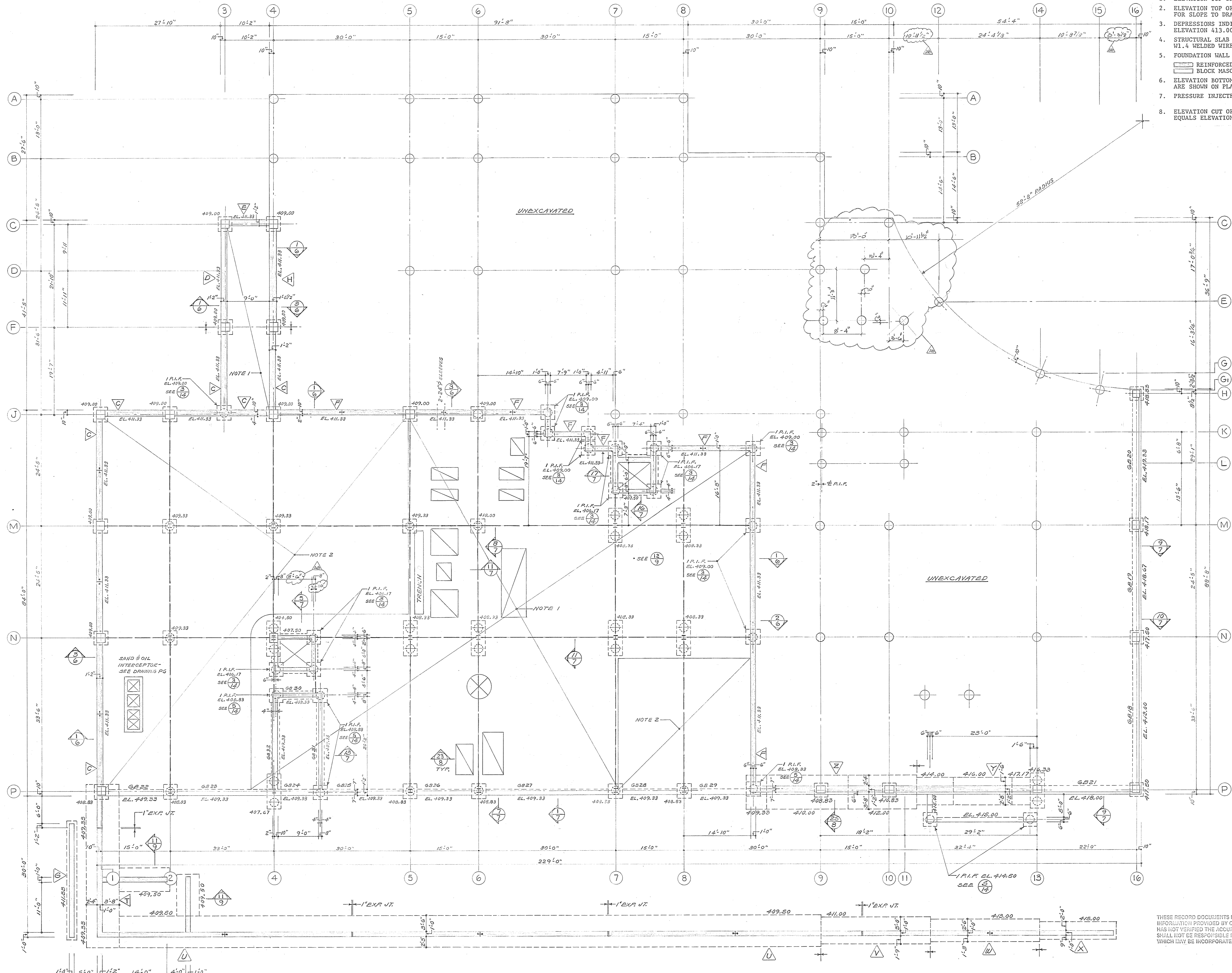
REFLECTED CEILING PLAN - SECOND FLOOR  
SCALE: 1/8" = 1'-0"



THESE RECORD DOCUMENTS HAVE BEEN PREPARED BASED ON INFORMATION PROVIDED BY OTHERS. THE ARCHITECT/ENGINEER HAS NOT VERIFIED THE ACCURACY OF THIS INFORMATION AND SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH MAY BE INCORPORATED HEREIN AS A RESULT.

<b>Browne, Worrall &amp; Johnson/Gutwein-Guenther Professional Association</b> A Joint Venture 2435 North Calvert Street Baltimore, Maryland 21218			USING AGENCY APPROVAL <i>Robert B. Smith</i> PROJECT ADMINISTRATOR DATE 3/21/83	DEPARTMENT OF GENERAL SERVICES <i>James H. Moore</i> PROJECT ADMINISTRATOR DATE 3/21/83	<b>REVISIONS</b> REVISION #1 3-23-83 AS BUILT REVISIONS 5-5-86	Northwest District Court Wabash Avenue Baltimore, Maryland	DRAWING NO. BC-000-791-001 <b>A 21</b> BWJ/EGPA 8104 DATE: 20 JAN 1983
Daft-McCune-Walker, Inc. 530 EAST JOPPA ROAD TOWSON, MARYLAND 21204	George Evans & Associates, Inc. 130 WEST HAMILTON STREET BALTIMORE, MARYLAND 21201		Moore/Lewis Inc. 2435 NORTH CALVERT STREET BALTIMORE, MARYLAND 21218	ADMINISTRATOR, MSC 3/21/83 DATE	DIRECTOR, ENGR & CONST DATE	FILE NO. 84 - DWG. NO. 381	

- FOUNDATION & BASEMENT PLAN 1/8" = 1'-0"**
- ELEVATION TOP OF STRUCTURAL SLAB = 413.00 (EXCEPT AS OTHERWISE NOTED).
  - ELEVATION TOP OF STRUCTURAL SLAB = 412.50 (SEE ARCHITECTURAL DRAWINGS FOR SLOPE TO DRAINS).
  - DEPRESSIONS INDICATED ON PLAN THUS: (0" DEPR.) ARE MEASURED FROM ELEVATION 413.00. (SEE ARCHITECTURAL DRAWINGS FOR EXTENT).
  - STRUCTURAL SLAB SHALL BE 5" CONCRETE SLAB ON GRADE WITH 6" x 6" - W1.4/W1.4 WELDED WIRE FABRIC OVER VAPOR BARRIER OVER 4" FORTUS FILL.
  - FOUNDATION WALL TYPES ARE INDICATED THUS:
  - ELEVATION BOTTOM OF GRADE BEAM, CONCRETE WALLS, FOOTINGS, AND PILE CAPS ARE SHOWN ON PLAN.
  - PRESSURE INJECTED FOOTINGS SHALL HAVE A 150 TON END BEARING CAPACITY.
  - ELEVATION CUT OFF POINT (TOP OF PILES) FOR PRESSURE INJECTED FOOTINGS EQUALS ELEVATION BOTTOM OF PILE CAP PLUS (4) FOUR INCHES. SEE DETAILS.



THESE RECORD DOCUMENTS HAVE BEEN PREPARED BASED ON INFORMATION PROVIDED BY OTHERS. THE ARCHITECT/ENGINEER HAS NOT VERIFIED THE ACCURACY OF THIS INFORMATION AND SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH MAY BE INCORPORATED HEREIN AS A RESULT.

P.I.F.'S-BASE BID "A" - FOUNDATION & BASEMENT FLOOR PLAN

**Browne, Worrall & Johnson/Gutwein-Guenther Professional Association**  
 A Joint Venture  
 2435 North Calvert Street  
 Baltimore, Maryland 21218

**Daft-McCune-Walker, Inc.**  
 530 EAST JOPPA ROAD  
 TOWSON, MARYLAND 21204

**George Evans & Associates, Inc.**  
 130 WEST HAMILTON STREET  
 BALTIMORE, MARYLAND 21201

**Moore/Lewis Inc.**  
 2435 NORTH CALVERT STREET  
 BALTIMORE, MARYLAND 21218

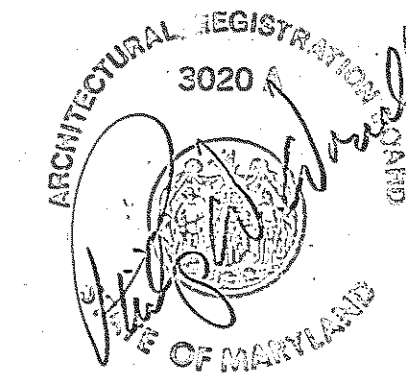
USING AGENCY APPROVAL  
 Robert P. ...  
 DATE 3/3/83

DEPARTMENT OF GENERAL SERVICES  
 PROJECT ADMINISTRATOR  
 DATE 3/1/83

REVISIONS	
REVISION NO. 1	28 MAR. 1983
AS BUILT REVISIONS	2-5-86

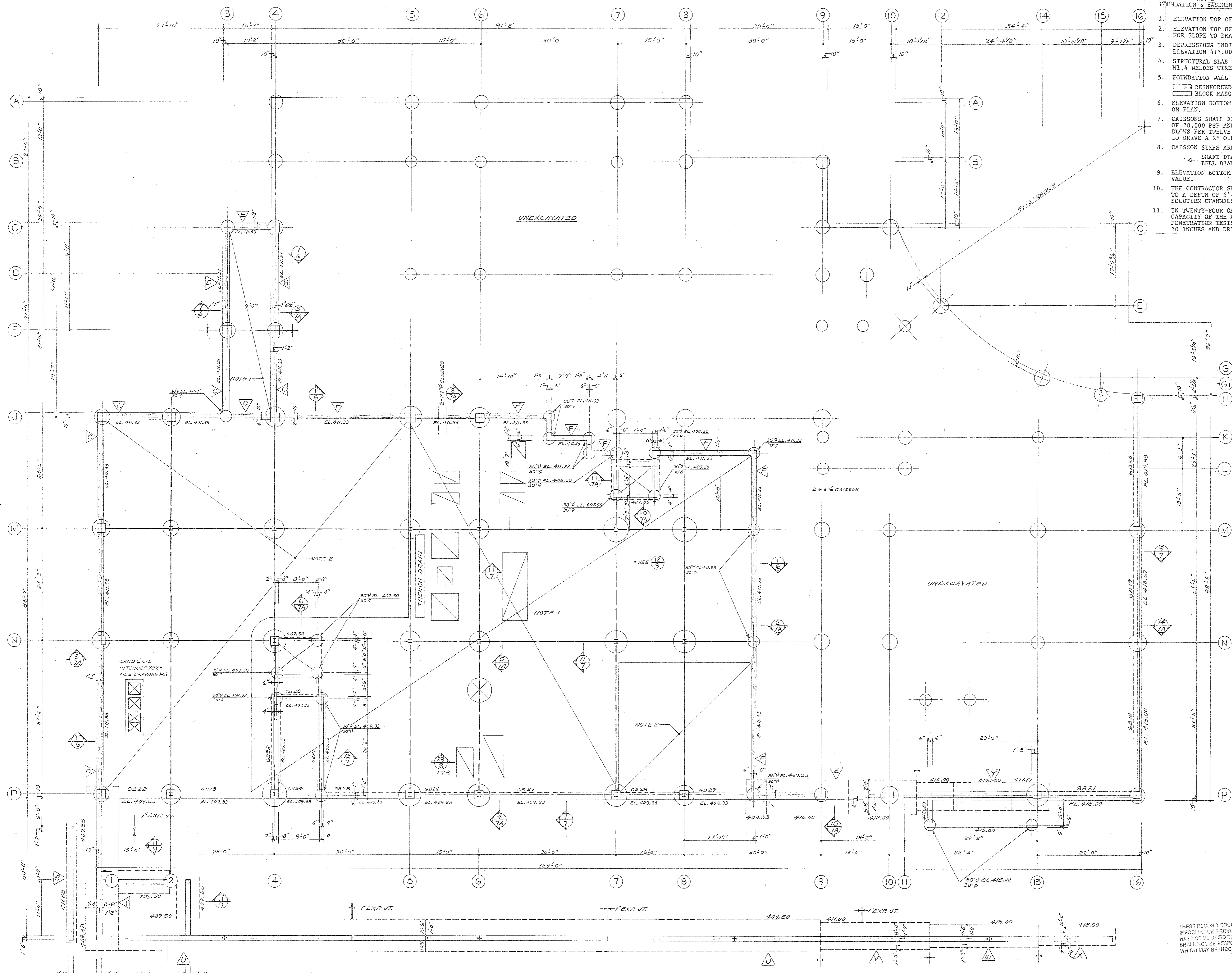
Northwest District Court  
 Wabash Avenue  
 Baltimore, Maryland

DRAWING NO.  
 BC-000-751-001  
**S-1**  
 BWJ/GGPA 8104  
 DATE: 20 JAN. 1983



ALTERNATE NO. 1  
FOUNDATION & BASEMENT PLAN 1/8" = 1'-0"

- ELEVATION TOP OF STRUCTURAL SLAB = 413.00 (EXCEPT AS OTHERWISE NOTED).
- ELEVATION TOP OF STRUCTURAL SLAB = 412.50 (SEE ARCHITECTURAL DRAWINGS FOR SLOPE TO DRAINS).
- DEPRESSIONS INDICATED ON PLAN THUS: (0" DEPR.) ARE MEASURED FROM ELEVATION 413.00. (SEE ARCHITECTURAL DRAWINGS FOR EXTENT).
- STRUCTURAL SLAB SHALL BE 5" CONCRETE SLAB ON GRADE WITH 6" x 6" - W1.4/ W1.4 WELDED WIRE FABRIC OVER VAPOR BARRIER OVER 4" POROUS FILL.
- FOUNDATION WALL TYPES ARE INDICATED THUS:
- ELEVATION BOTTOM OF GRADE BEAM, CONCRETE WALLS AND FOOTINGS ARE SHOWN ON PLAN.
- CAISSONS SHALL EXTEND TO DECOMPOSED ROCK HAVING A BEARING CAPACITY OF 20,000 PSF AND HAVING A PENETRATION RESISTANCE IN EXCESS OF 100 BLOWS PER TWELVE INCHES WITH A 140 POUND WEIGHT FALLING 30 INCHES TO DRIVE A 2" O.D. (1-3/8" I.D.) SAMPLER.
- CAISSON SIZES ARE IN COLUMN SCHEDULE OR ON PLAN THUS:
- ELEVATION BOTTOM OF CAISSONS SHALL BE AS REQUIRED TO DEVELOP BEARING VALUE.
- THE CONTRACTOR SHALL TEST EACH CAISSON BOTTOM BY DRILLING AND PROBING TO A DEPTH OF 5'-0" TO DETERMINE WHETHER VOIDS, CLAY SEAMS, OR SOLUTION CHANNELS EXIST.
- IN TWENTY-FOUR CAISSONS, THE CONTRACTOR SHALL VERIFY THE BEARING CAPACITY OF THE DECOMPOSED ROCK BY DROP PENETRATION TESTS. DROP PENETRATION TESTS SHALL BE MADE WITH A 140 POUND WEIGHT FALLING 30 INCHES AND DRIVING A 2" O.D. (1-3/8" I.D.) SAMPLER.



THESE RECORD DOCUMENTS HAVE BEEN PREPARED BASED ON INFORMATION PROVIDED BY OTHERS. THE ARCHITECT/ENGINEER HAS NOT VERIFIED THE ACCURACY OF THIS INFORMATION AND SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH MAY BE INCORPORATED HEREIN AS A RESULT.



CAISSON - BASE BID 'B' - FOUNDATION & BASEMENT FLOOR PLAN

Browne, Worrall & Johnson/Gutwein-Guenther Professional Association  
 2435 North Calvert Street  
 Baltimore, Maryland 21218  
 A Joint Venture  
 Daft-McCune-Walker, Inc. George Evans & Associates, Inc. Moore/Lewis Inc.  
 530 EAST JOPPA ROAD 130 WEST HAMILTON STREET 2435 NORTH CALVERT STREET  
 TOWSON, MARYLAND 21284 BALTIMORE, MARYLAND 21201 BALTIMORE, MARYLAND 21218

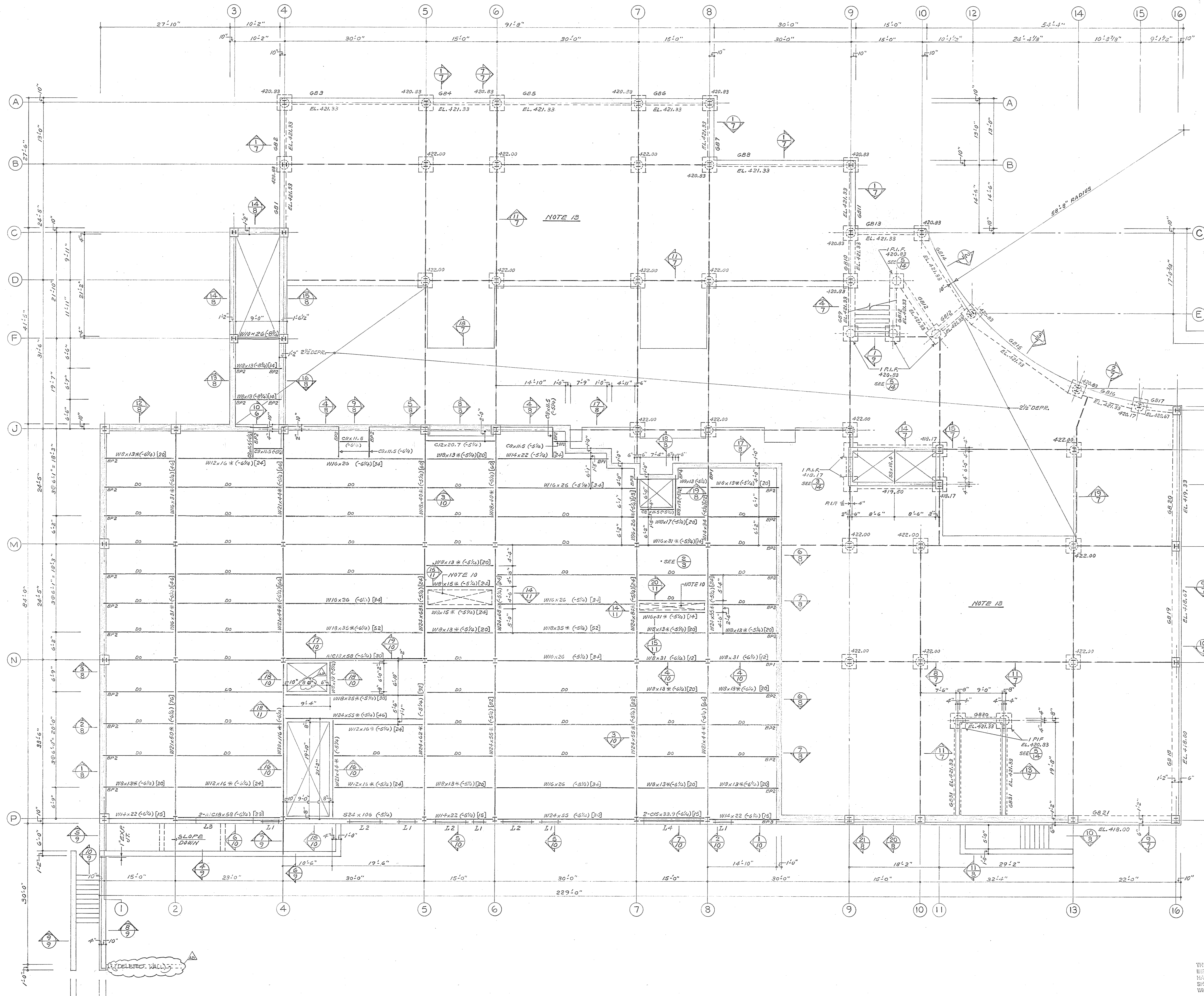


USING AGENCY APPROVAL  
 Robert B. Smith  
 PROJECT ADMINISTRATOR  
 DATE 3/3/83  
 DEPARTMENT OF GENERAL SERVICES  
 PROJECT ADMINISTRATOR  
 DATE 3/3/83  
 DIRECTOR, ENGR. & CONST. DATE

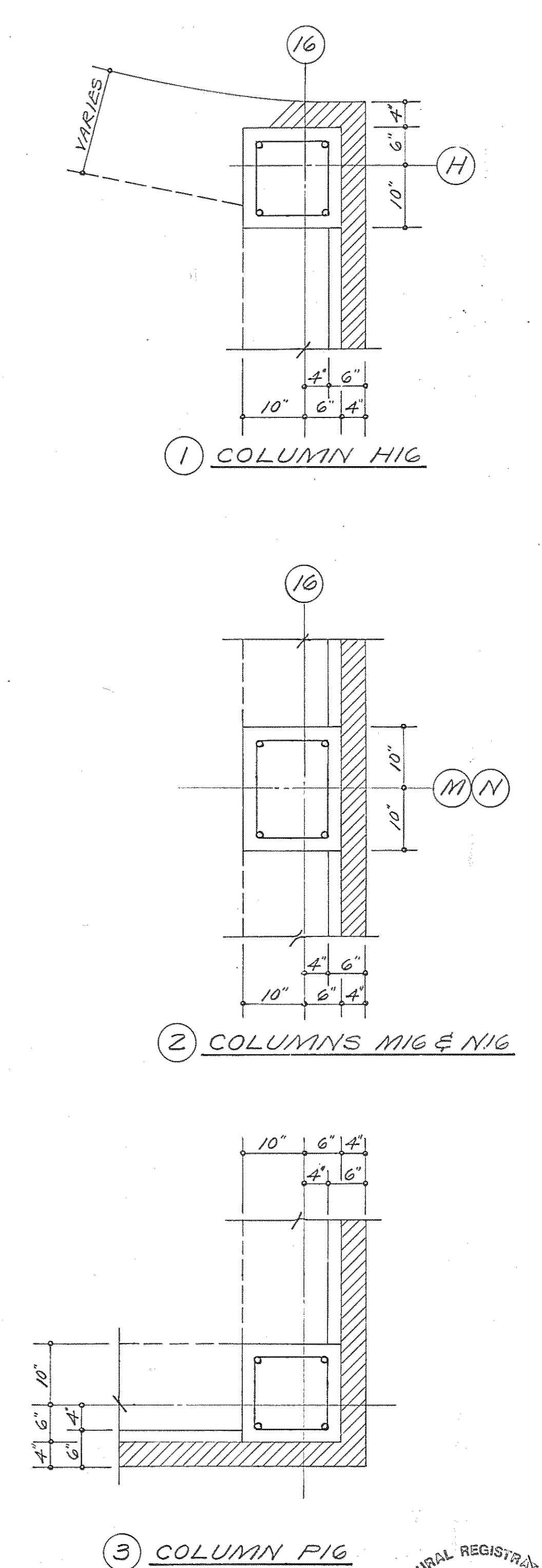
REVISIONS	
REVISION NO. 1	28 MAR. 1983

Northwest District Court  
 Wabash Avenue  
 Baltimore, Maryland

DRAWING NO.  
 BC-000-751-001  
**S-1A**  
 BWJ/GSPA 8104  
 DATE: 20 JAN. 1983



1. ELEVATION TOP OF STRUCTURAL SLAB = 425.00.
2. DEPRESSIONS INDICATED ON PLAN THUS: (0" DEPR.) ARE MEASURED FROM ELEVATION 425.00. (SEE ARCHITECTURAL DRAWINGS FOR EXTENT).
3. ELEVATION TOP OF STEEL BEAMS INDICATED ON PLAN THUS: (+0") IS MEASURED FROM ELEVATION 425.00.
4. STRUCTURAL FLOOR SLAB SHALL BE 4 1/2" OR 3 1/2" LIGHTWEIGHT CONCRETE FILL WITH A MAXIMUM WEIGHT OF 117 POUNDS PER CUBIC FOOT AND REINFORCED WITH 6" x 6" - W1.4/W1.4 WELDED WIRE FABRIC AND POURED ON 2" x 20 GAUGE COMPOSITE METAL DECK (3 SPANS). (EXCEPT AS OTHERWISE NOTED).
5. SHORE ALL COMPOSITE STEEL FLOOR BEAMS AND GIRDERS AT 10'-0" ON CENTERS UNTIL CONCRETE HAS REACHED A 3,000 PSI COMPRESSION STRENGTH.
6. WHERE METAL DECK IS CONTINUOUS ONLY ONE SPAN, PROVIDE SHORING UNTIL CONCRETE HAS CURED 7 DAYS (FOR 2 OR 3 SPANS, NO SHORING IS REQUIRED).
7. PROVIDE 16 GAUGE SCREED ANGLES AT PERIMETER OF BUILDING AND AT ALL OPENINGS. (BY DECK MANUFACTURER).
8. 3/4" DIAMETER x 5" OR 4" STUDS ARE INDICATED IN BRACKETS ON PLAN THUS: [100] FIELD APPLIED STUDS ARE RESISTANCE WELDED THRU METAL DECK TO TOP FLANGE OF BEAM.
9. STRUCTURAL STEEL SHALL CONFORM TO ASTM A-36 EXCEPT AS INDICATED ON PLAN THUS: 400x000\* SHALL CONFORM TO ASTM A-572, GRADE 50.
10. PROVIDE 6x6" OR 5x5" CONCRETE SLAB, REINFORCED WITH #4 - 8" ON CENTER. FOUR SLAB AROUND FIRE DAMPERS.
11. SPRAYED-ON FIREPROOFING ON BEAMS AND GIRDERS SHALL PROVIDE A TWO HOUR FIRE-RATING.
12. SPRAYED-ON FIREPROOFING ON COLUMNS SHALL PROVIDE A TWO HOUR FIRE-RATING.
13. STRUCTURAL SLAB SHALL BE 5" CONCRETE SLAB ON GRADE WITH 6" x 6" - W1.4/W1.4 WELDED WIRE FABRIC OVER 4" POROUS FILL.
14. FOUNDATION WALL TYPES ARE INDICATED THUS:  
 [REINFORCED CONCRETE WALL]  
 [BLOCK MASONRY WALLS (ASTM C-90)]
15. ELEVATION BOTTOM OF GRADE BEAM, CONCRETE WALLS, FOOTINGS AND PILE CAPS ARE SHOWN ON PLAN.
16. PRESSURE INJECTED FOOTINGS SHALL HAVE A 150 TON END BEARING CAPACITY.
17. ELEVATION CUT OFF POINT (TOP OF PILES) FOR PRESSURE INJECTED FOOTINGS EQUALS ELEVATION BOTTOM OF PILE CAP PLUS (4) FOUR INCHES. SEE DETAILS.



Browne, Worrall & Johnson/Gutwein-Guenther Professional Association  
 A Joint Venture  
 2435 North Calvert Street  
 Baltimore, Maryland 21218

Daft-McCune-Walker, Inc. George Evans & Associates, Inc. Moore/Lewis Inc.  
 530 EAST JOPPA ROAD TOWSON, MARYLAND 21204  
 130 WEST HAMILTON STREET BALTIMORE, MARYLAND 21201  
 2435 NORTH CALVERT STREET BALTIMORE, MARYLAND 21218

USING AGENCY APPROVAL  
 Robert B. Seriat  
 ADMINISTRATOR, DISE 3/20/83  
 DATE

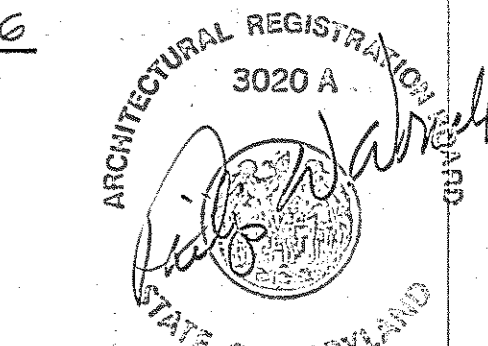
DEPARTMENT OF GENERAL SERVICES  
 PROJECT ADMINISTRATOR  
 DATE

REVISIONS  
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 AD BUILT REVISIONS 5-5-86

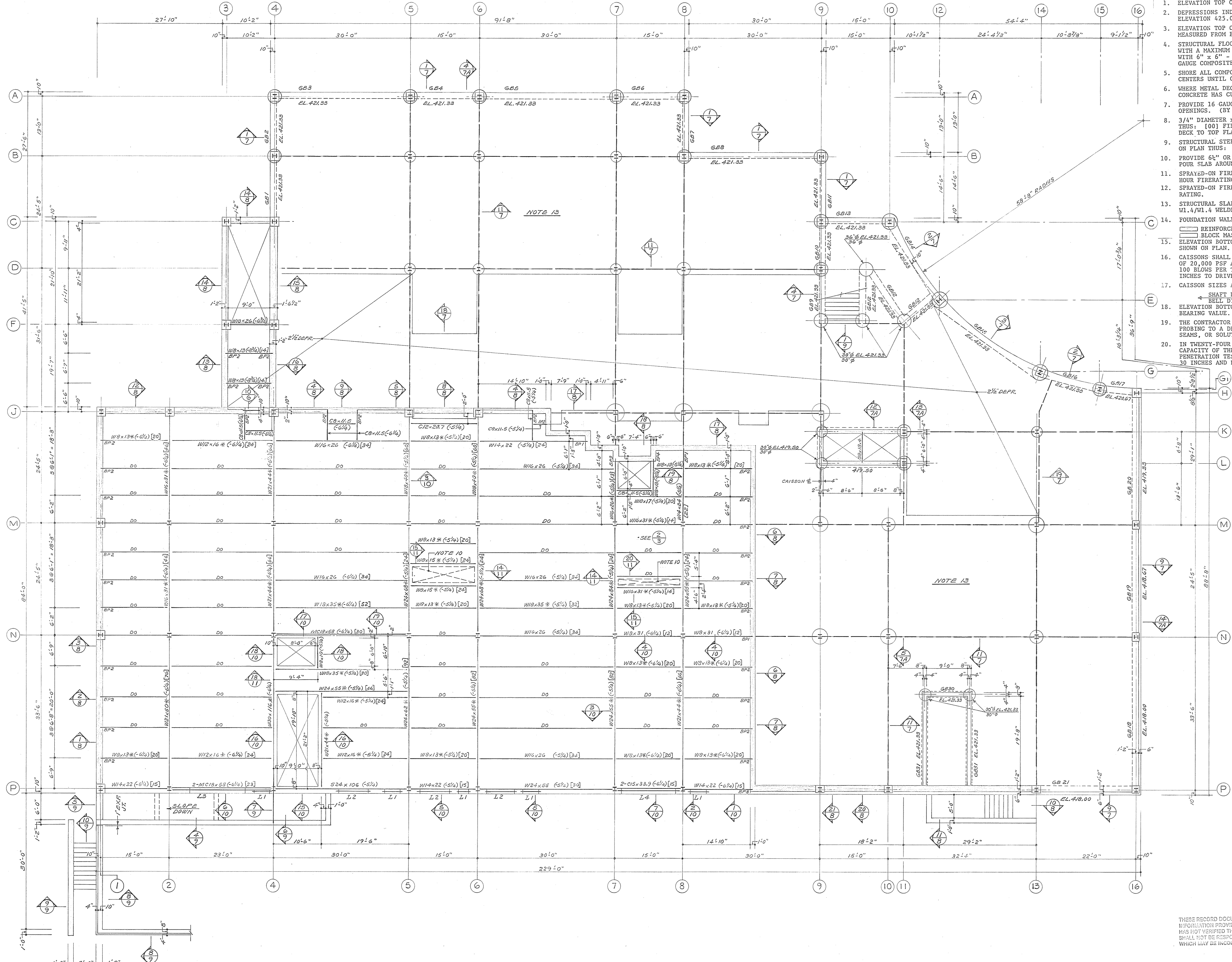
Northwest District Court  
 Wabash Avenue  
 Baltimore, Maryland

DRAWING NO. BC-000-751-001  
**S-2**  
 DATE: 20 JAN. 1983

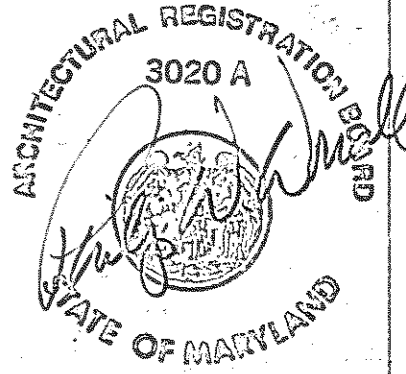
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- ALTERNATE NO. 1  
GROUND FLOOR FRAMING PLAN 1/8" = 1'-0"
- ELEVATION TOP OF STRUCTURAL SLAB = 425.00.
  - DEPRESSIONS INDICATED ON PLAN THUS: (0" DEPR.) ARE MEASURED FROM ELEVATION 425.00. (SEE ARCHITECTURAL DRAWINGS FOR EXTENT).
  - ELEVATION TOP OF STEEL BEAMS INDICATED ON PLAN THUS: (+0") IS MEASURED FROM ELEVATION 425.00.
  - STRUCTURAL FLOOR SLAB SHALL BE 4 1/2" OR 3 1/2" LIGHTWEIGHT CONCRETE FILL WITH A MAXIMUM WEIGHT OF 117 POUNDS PER CUBIC FOOT AND REINFORCED WITH 6" x 6" - W1.4/W1.4 WELDED WIRE FABRIC AND POURED ON 2" x 20 GAUGE COMPOSITE METAL DECK (3 SPANS). (EXCEPT AS OTHERWISE NOTED).
  - SHORE ALL COMPOSITE STEEL FLOOR BEAMS AND GIRDERS AT 10'-0" ON CENTERS UNTIL CONCRETE HAS REACHED A 3,000 PSI COMPRESSION STRENGTH.
  - WHERE METAL DECK IS CONTINUOUS ONLY ONE SPAN, PROVIDE SHORING UNTIL CONCRETE HAS CURED 7 DAYS (FOR 2 OR 3 SPANS, NO SHORING IS REQUIRED).
  - PROVIDE 16 GAUGE SCREED ANGLES AT PERIMETER OF BUILDING AND AT ALL OPENINGS. (BY DECK MANUFACTURER).
  - 3/4" DIAMETER x 5" OR 4" STUDS ARE INDICATED IN BRACKETS ON PLAN THUS: (00) FIELD APPLIED STUDS ARE RESISTANCE WELDED THRU METAL DECK TO TOP FLANGE OF BEAM.
  - STRUCTURAL STEEL SHALL CONFORM TO ASTM A-36 EXCEPT AS INDICATED ON PLAN THUS: W00x00\* SHALL CONFORM TO ASTM A-572, GRADE 50.
  - PROVIDE 6x6" OR 5x5" CONCRETE SLAB, REINFORCED WITH #4 - 8" ON CENTER. POUR SLAB AROUND FIRE DAMPERS.
  - SPRAYED-ON FIREPROOFING ON BEAMS AND GIRDERS SHALL PROVIDE A TWO HOUR FIRE-RATING.
  - SPRAYED-ON FIREPROOFING ON COLUMNS SHALL PROVIDE A TWO HOUR FIRE-RATING.
  - STRUCTURAL SLAB SHALL BE 5" CONCRETE SLAB ON GRADE WITH 6" x 6" - W1.4/W1.4 WELDED WIRE FABRIC OVER VAPOR BARRIER OVER 4" POROUS FILL.
  - FOUNDATION WALL TYPES ARE INDICATED THUS:  
 REINFORCED CONCRETE WALL  
 BLOCK MASONRY WALLS (ASTM C-90)  
 ELEVATION BOTTOM OF GRADE BEAM, CONCRETE WALLS AND FOOTINGS ARE SHOWN ON PLAN.
  - CAISSONS SHALL EXTEND TO DECOMPOSED ROCK HAVING A BEARING CAPACITY OF 20,000 PSF AND HAVING A PENETRATION RESISTANCE IN EXCESS OF 100 BLOWS PER TWELVE INCHES WITH A 140 POUND WEIGHT FALLING 30 INCHES TO DRIVE A 2" O.D. (1-3/8" I.D.) SAMPLER.
  - CAISSON SIZES ARE IN COLUMN SCHEDULE OR ON PLAN THUS:  
 SHAFI DIAMETER ELEVATION TOP OF CAISSON  
 BELL DIAMETER
  - ELEVATION BOTTOM OF CAISSONS SHALL BE AS REQUIRED TO DEVELOP BEARING VALUE.
  - THE CONTRACTOR SHALL TEST EACH CAISSON BOTTOM BY DRILLING AND PROBING TO A DEPTH OF 5'-0" TO DETERMINE WHETHER VOIDS, CLAY SEAMS, OR SOLUTION CHANNELS EXIST.
  - IN TWENTY-FOUR CAISSONS, THE CONTRACTOR SHALL VERIFY THE BEARING CAPACITY OF THE DECOMPOSED ROCK BY DROP PENETRATION TESTS. DROP PENETRATION TESTS SHALL BE MADE WITH A 140 POUND WEIGHT FALLING 30 INCHES AND DRIVING A 2" O.D. (1-3/8" I.D.) SAMPLER.



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CAISSON-BASE BID "B" - GROUND FLOOR FRAMING PLAN

Browne, Worrall & Johnson/Gutwein-Guenther Professional Association  
 2435 North Calvert Street  
 Baltimore, Maryland 21218

Daft-McCune-Walker, Inc. George Evans & Associates, Inc. Moore/Lewis Inc.  
 530 EAST JOPPA ROAD TOWSON, MARYLAND 21204 130 WEST HAMILTON STREET BALTIMORE, MARYLAND 21201 2435 NORTH CALVERT STREET BALTIMORE, MARYLAND 21218

USING AGENCY APPROVAL  
 Robert B. Smith  
 ADMINISTRATOR, M.S.C. 3/2/83

DEPARTMENT OF GENERAL SERVICES  
 PROJECT ADMINISTRATOR  
 DATE 3/2/83

REVISIONS	
REVISION NO. 1	28 MAR. 1983

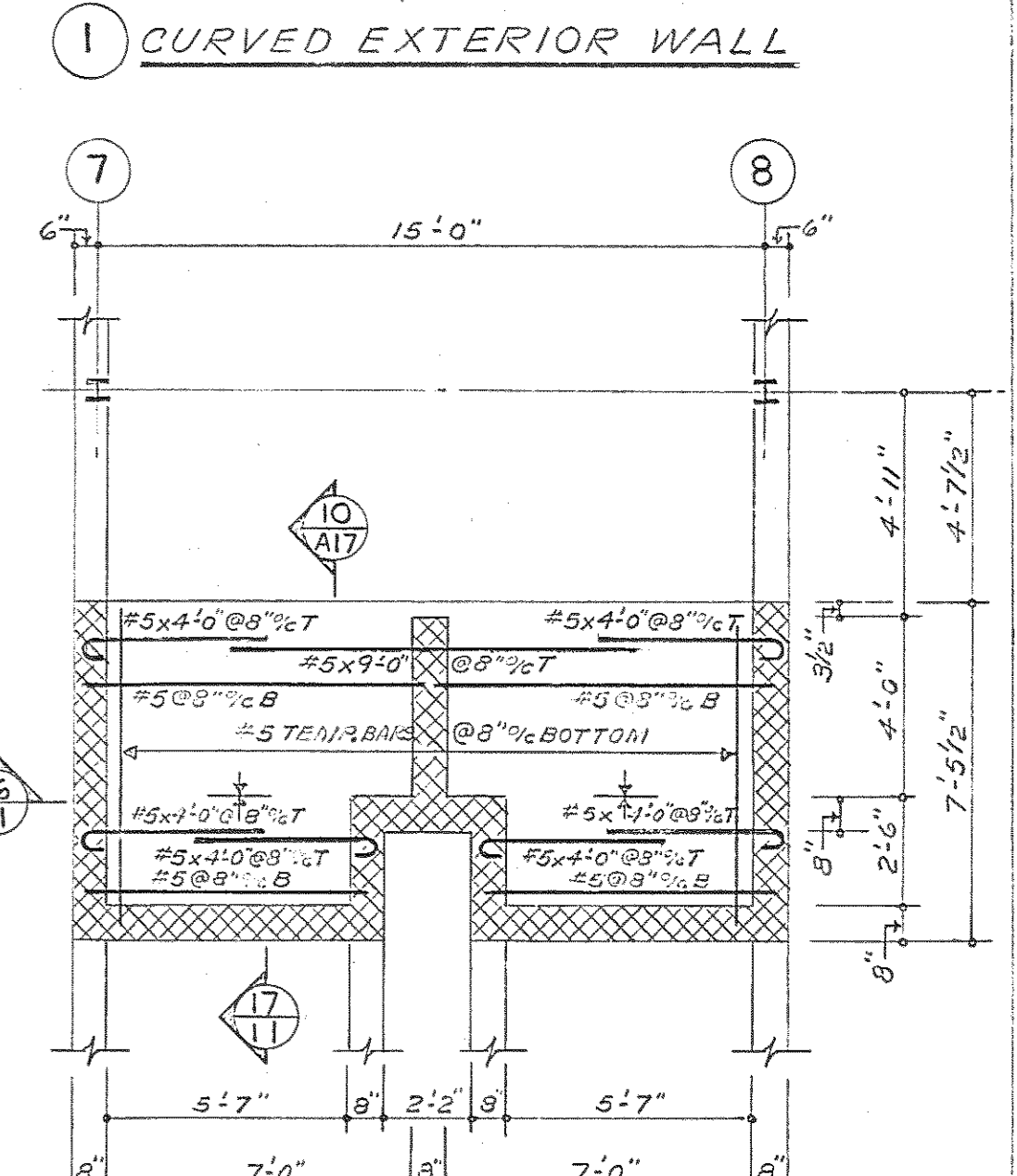
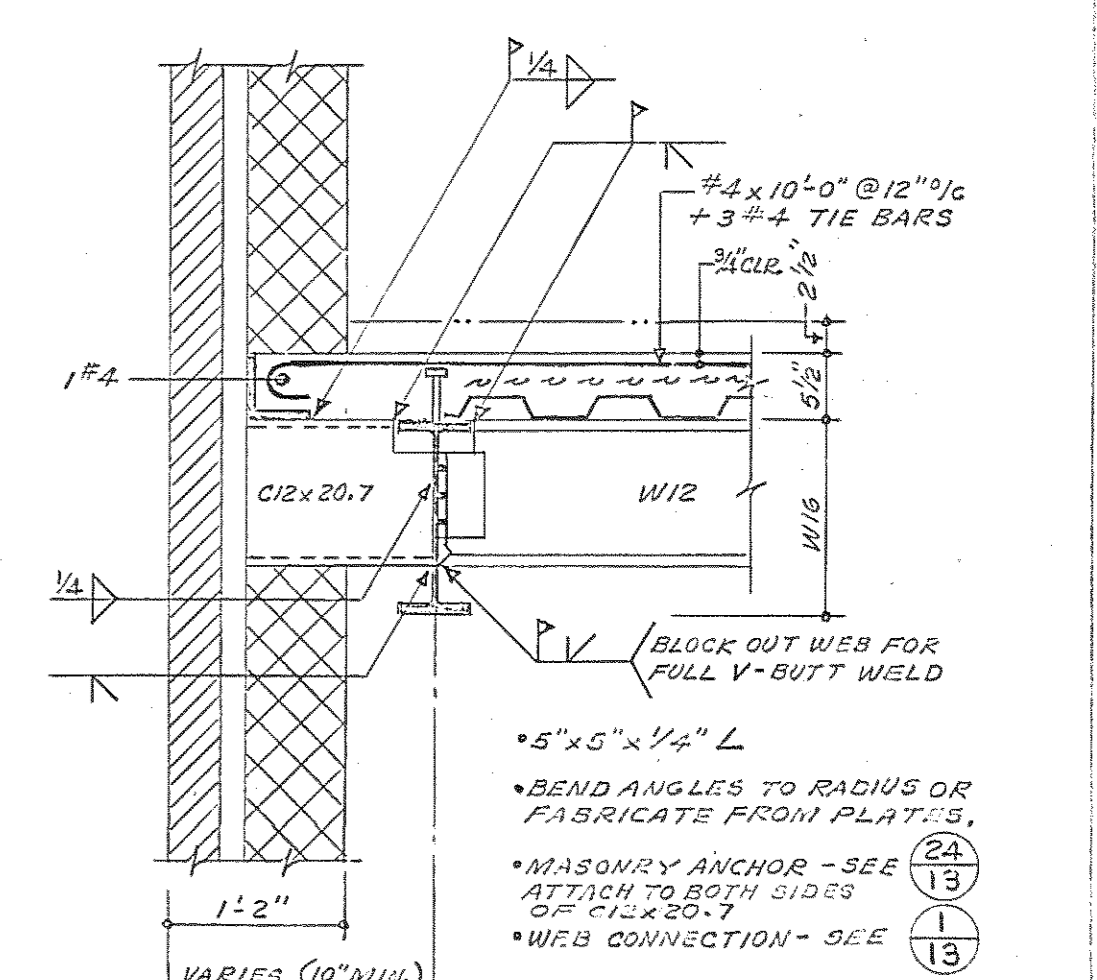
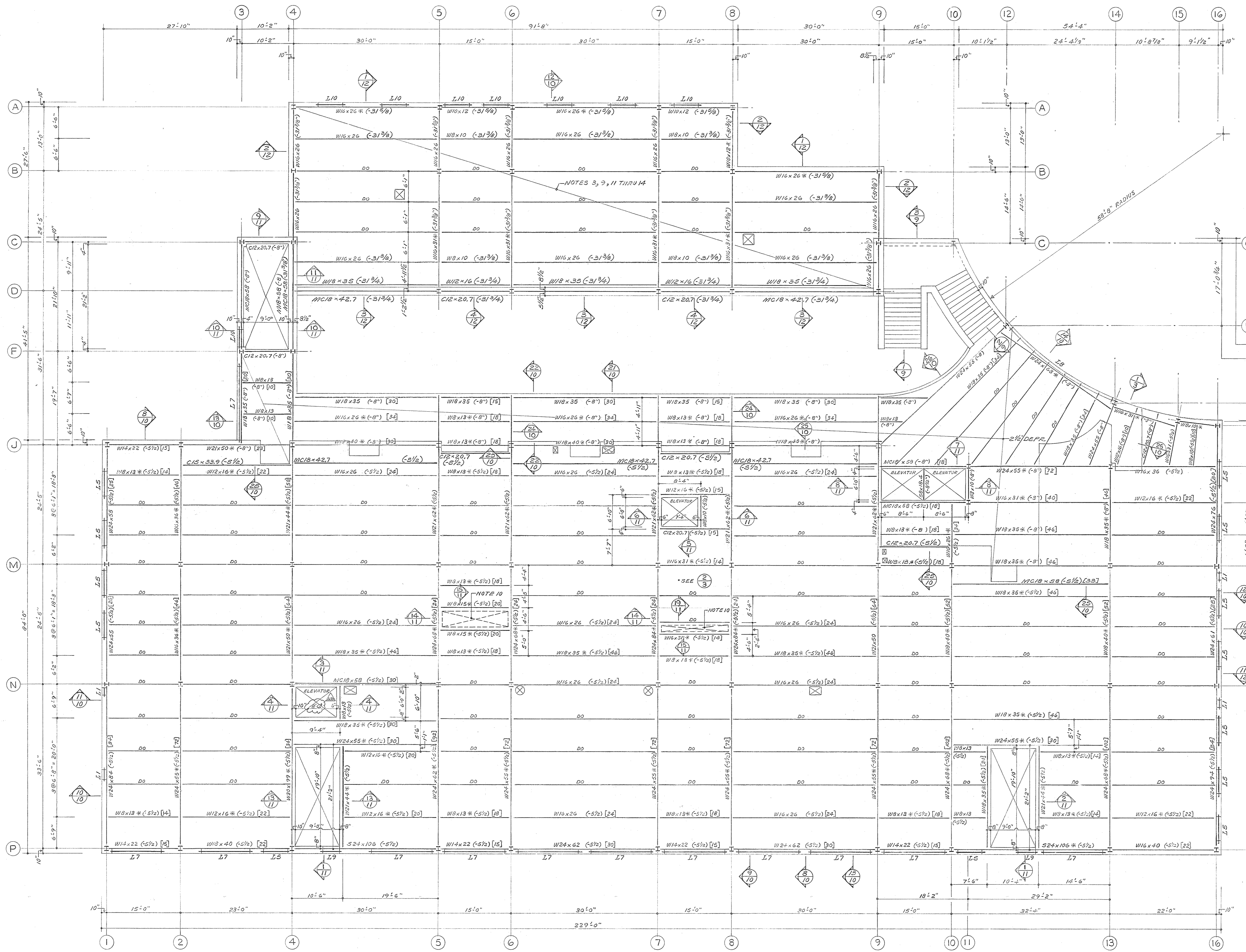
Northwest District Court  
 Wabash Avenue  
 Baltimore, Maryland

DRAWING NO. BC-000-751-001  
**S-2A**  
 BVJJ/GGPA 8104  
 DATE: 20 JAN. 1983

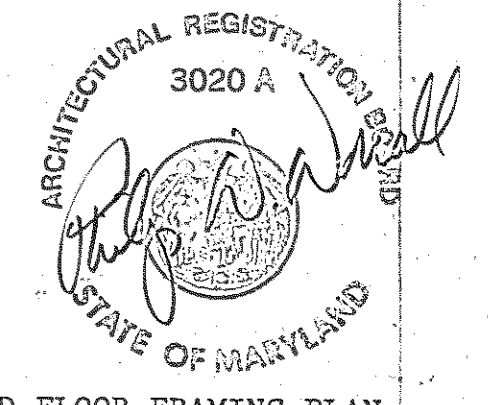
FILE NO. 84 - DWG. NO. 385

SECOND FLOOR AND LOW ROOF FRAMING PLAN 1/8" = 1'-0"

- ELEVATION TOP OF STRUCTURAL SLAB = 441.00.
- DEPRESSIONS INDICATED ON PLAN THUS: (0" DEPR.) ARE MEASURED FROM ELEVATION 441.00. (SEE ARCHITECTURAL DRAWINGS FOR EXTENT).
- ELEVATION TOP OF STEEL BEAMS INDICATED ON PLAN THUS: (+0") IS MEASURED FROM ELEVATION 441.00.
- STRUCTURAL FLOOR SLAB SHALL BE 3 1/2" NORMAL WEIGHT CONCRETE FILL WITH A MAXIMUM WEIGHT OF 150 POUNDS PER CUBIC FOOT AND REINFORCED WITH 6" x 6" - W1.4/W1.4 WELDED WIRE FABRIC AND POURED ON 2" x 20 GAUGE COMPOSITE METAL DECK (3 SPANS).
- SHORE ALL COMPOSITE STEEL FLOOR BEAMS AND GIRDERS AT 10'-0" ON CENTER UNTIL CONCRETE HAS REACHED A 3,000 PSI COMPRESSIVE STRENGTH.
- WHERE METAL DECK IS CONTINUOUS ONLY ONE SPAN, PROVIDE SHORING UNTIL CONCRETE HAS CURED 7 DAYS (FOR 2 OR 3 SPANS, NO SHORING IS REQUIRED).
- PROVIDE 16 GAUGE SCREED ANGLES AT PERIMETER OF BUILDING AND AT ALL OPENINGS. (BY DECK MANUFACTURER).
- 3/4" DIAMETER x 4 1/2" STUDS ARE INDICATED IN BRACKETS ON PLAN THUS: (00) FIELD APPLIED STUDS ARE RESISTANCE WELDED THRU METAL DECK TO FLANGE OF BEAM.
- STRUCTURAL STEEL SHALL CONFORM TO ASTM A-36 EXCEPT AS INDICATED ON PLAN THUS: WOODWORK SHALL CONFORM TO ASTM A-572, GRADE 50.
- PROVIDE 5 1/2" CONCRETE SLAB, REINFORCED WITH #4 - 8" ON CENTER, FOUR SLAB AROUND FIRE DAMPERS.
- STRUCTURAL ROOF DECK SHALL BE 3 1/2" MINIMUM/7 1/2" MAXIMUM (WITH 4" SLOPE TO DRAINS) ZONOLITE INSULATING CONCRETE REINFORCED WITH 4" x 8" - 12 GAUGE/14 GAUGE WELDED WIRE FABRIC OVER 1-5/16" x 24 GAUGE GALVANIZED SLOTTED CORRUGATED METAL CENTERING.
- SPRAYED-ON FIREPROOFING ON ROOF PULINS, FLOOR BEAMS AND GIRDERS SHALL PROVIDE A ONE HOUR FIRE-RATING.
- SPRAYED-ON FIREPROOFING ON COLUMNS SHALL PROVIDE A ONE HOUR FIRE-RATING.
- CEILING OVER HOLDING CELLS SHALL BE 8" NORMAL WEIGHT CONCRETE SLAB. SEE PLAN FOR SIZE AND SPACING OF REINFORCING.
- WALL TYPES ARE INDICATED THUS:  
 [Symbol] BRICK AND BLOCK MASONRY WALLS  
 [Symbol] REINFORCED BLOCK WALLS



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 2435 North Calvert Street  
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 A Joint Venture

Daft-McCune-Walker, Inc. George Evans & Associates, Inc. Moore/Lewis Inc.  
 830 EAST JOPPA ROAD 130 WEST HAMILTON STREET 2435 NORTH CALVERT STREET  
 TOWSON, MARYLAND 21204 BALTIMORE, MARYLAND 21201 BALTIMORE, MARYLAND 21218

USING AGENCY APPROVAL  
 Robert B. Strat  
 PROJECT ADMINISTRATOR  
 DATE 3/27/13

DEPARTMENT OF GENERAL SERVICES  
 PROJECT ADMINISTRATOR  
 DATE 7/1/13

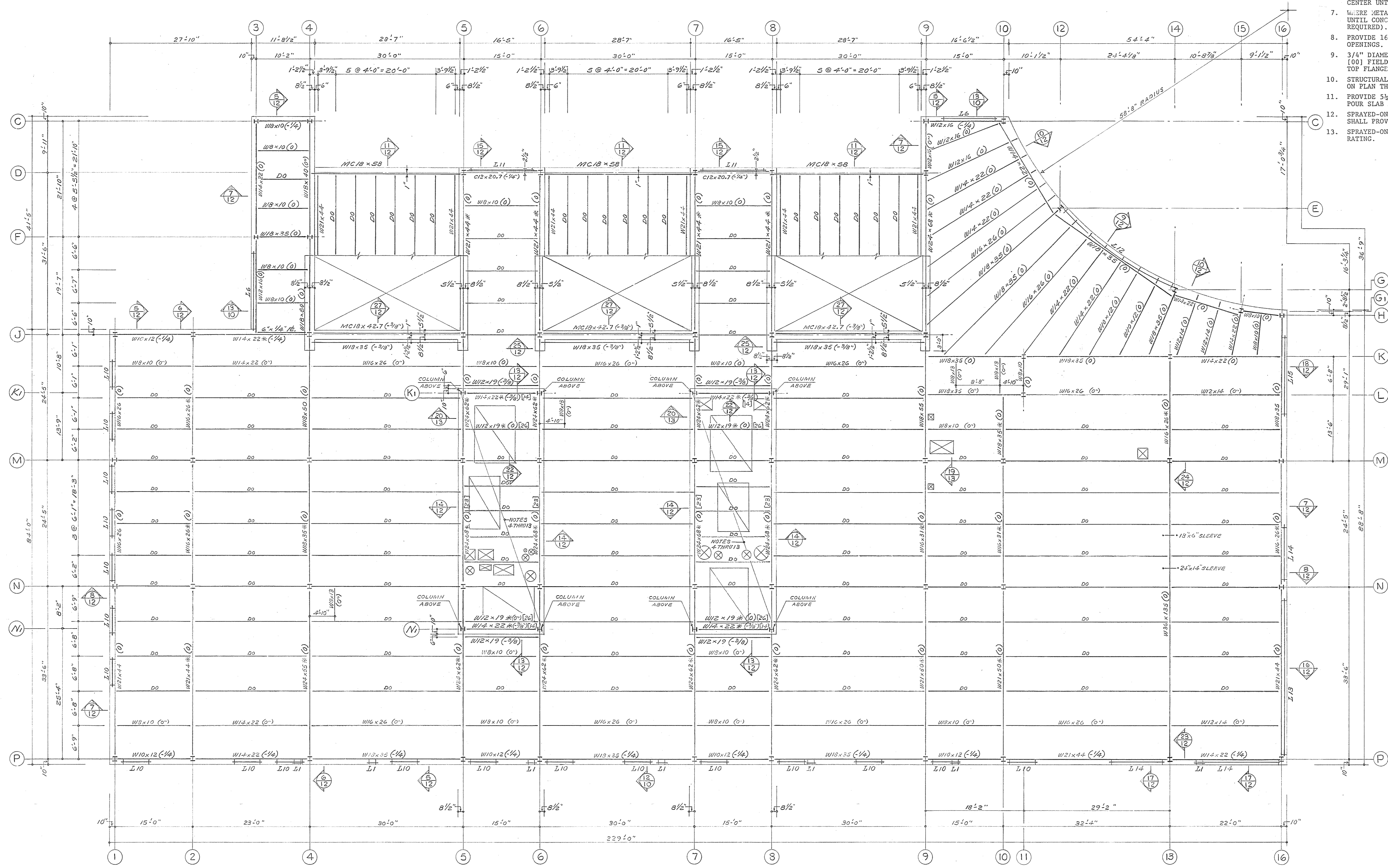
REVISIONS  
 REVISION NO. 1 29 MAR. 1993  
 AS BUILT REVISIONS 5-9-06

Northwest District Court  
 Wabash Avenue  
 Baltimore, Maryland

DRAWING NO.  
 BC-000-751-001  
 S-3  
 BWJ/GSPA 8104  
 DATE: 20 JAN. 1923

SECOND FLOOR FRAMING PLAN

- ROOF FRAMING PLAN 1/8" = 1'-0"
- ELEVATION TOP OF STRUCTURAL ROOF DECK = 456.69 LOW POINT/457.02 HIGH POINT. (4" SLOPE TO DRAINS).
  - ELEVATION TOP OF STEEL BEAMS INDICATED ON PLAN THUS: (+0") IS MEASURED FROM ELEVATION 456.39.
  - STRUCTURAL ROOF DECK SHALL BE 3/4" MINIMUM/7/8" MAXIMUM (WITH 4" SLOPE TO DRAINS) PERLITE INSULATING CONCRETE REINFORCED WITH 1" x 8" - 12 GAUGE WELDED WIRE FABRIC OVER 1-5/16" x 24 GAUGE GALVANIZED SLOTTED CORRUGATED METAL CENTERING.
  - ELEVATION TOP OF PENTHOUSE FLOOR = 457.27.
  - STRUCTURAL FLOOR SLAB SHALL BE 4" CONCRETE FILL REINFORCED WITH 6" x 6" - W1.4/W1.4 WELDED WIRE FABRIC OVER ACOUSTICAL ISOLATION SYSTEM OVER WATERPROOFING (SEE SPECIFICATIONS) OVER NORMAL WEIGHT CONCRETE FILL WITH A MAXIMUM WEIGHT OF 150 POUNDS PER CUBIC FOOT AND REINFORCED WITH 6" x 6" - W1.4/W1.4 WELDED WIRE FABRIC AND POURED ON 2" x 20 GAUGE COMPOSITE METAL DECK (3 SPANS).
  - SHORE ALL COMPOSITE STEEL FLOOR BEAMS AND GIRDERS AT 10'-0" ON CENTER UNTIL CONCRETE HAS REACHED A 3,000 PSI COMPRESSIVE STRENGTH.
  - WHERE METAL DECK IS CONTINUOUS ONLY ONE SPAN, PROVIDE SHORING UNTIL CONCRETE HAS CURED 7 DAYS (FOR 2 OR 3 SPANS, NO SHORING IS REQUIRED).
  - PROVIDE 16 GAUGE SCREED ANGLES AT PERIMETER OF PENTHOUSE AT ALL OPENINGS. (BY DECK MANUFACTURER).
  - 3/4" DIAMETER x 4 1/2" STUDS ARE INDICATED IN BRACKETS ON PLAN THUS: (100) FIELD APPLIED STUDS ARE RESISTANCE WELDED THRU METAL DECK TO TOP FLANGE OF BEAM.
  - STRUCTURAL STEEL SHALL CONFORM TO ASTM A-36 EXCEPT AS INDICATED ON PLAN THUS: W00x00\* SHALL CONFORM TO ASTM A-572, GRADE 50.
  - PROVIDE 5/8" CONCRETE SLAB, REINFORCED WITH #4 - 8" ON CENTER. POUR SLAB AROUND FIRE DAMPERS.
  - SPRAYED-ON FIREPROOFING ON ROOF PURLINS, FLOOR BEAMS AND GIRDERS SHALL PROVIDE A ONE HOUR FIRE-RATING.
  - SPRAYED-ON FIREPROOFING ON COLUMNS SHALL PROVIDE A ONE HOUR FIRE-RATING.



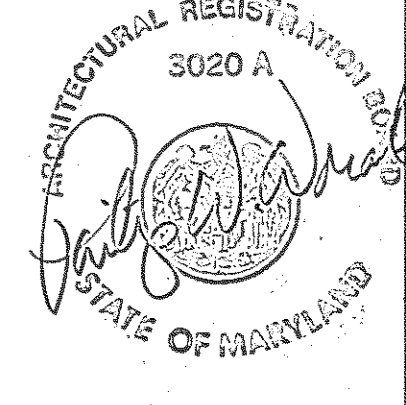
Browne, Worrall & Johnson/Gutwein-Guenther Professional Association  
 A Joint Venture  
 2435 North Calvert Street Baltimore, Maryland 21218  
 Daft-McCune-Walker, Inc. George Evans & Associates, Inc. Moore/Lewis Inc.  
 530 EAST JOPPA ROAD 130 WEST HAMILTON STREET 2435 NORTH CALVERT STREET  
 TOWSON, MARYLAND 21204 BALTIMORE, MARYLAND 21201 BALTIMORE, MARYLAND 21218

USING AGENCY APPROVAL  
 Robert D. Sival  
 DEPARTMENT OF GENERAL SERVICES  
 PROJECT ADMINISTRATOR  
 DATE 3/21/83  
 DIRECTOR, ENGR. & CONST. DATE 3/21/83

REVISIONS	
REVISION NO. 1	28 MAR. 1983
AS BUILT REVISIONS	5-5-86

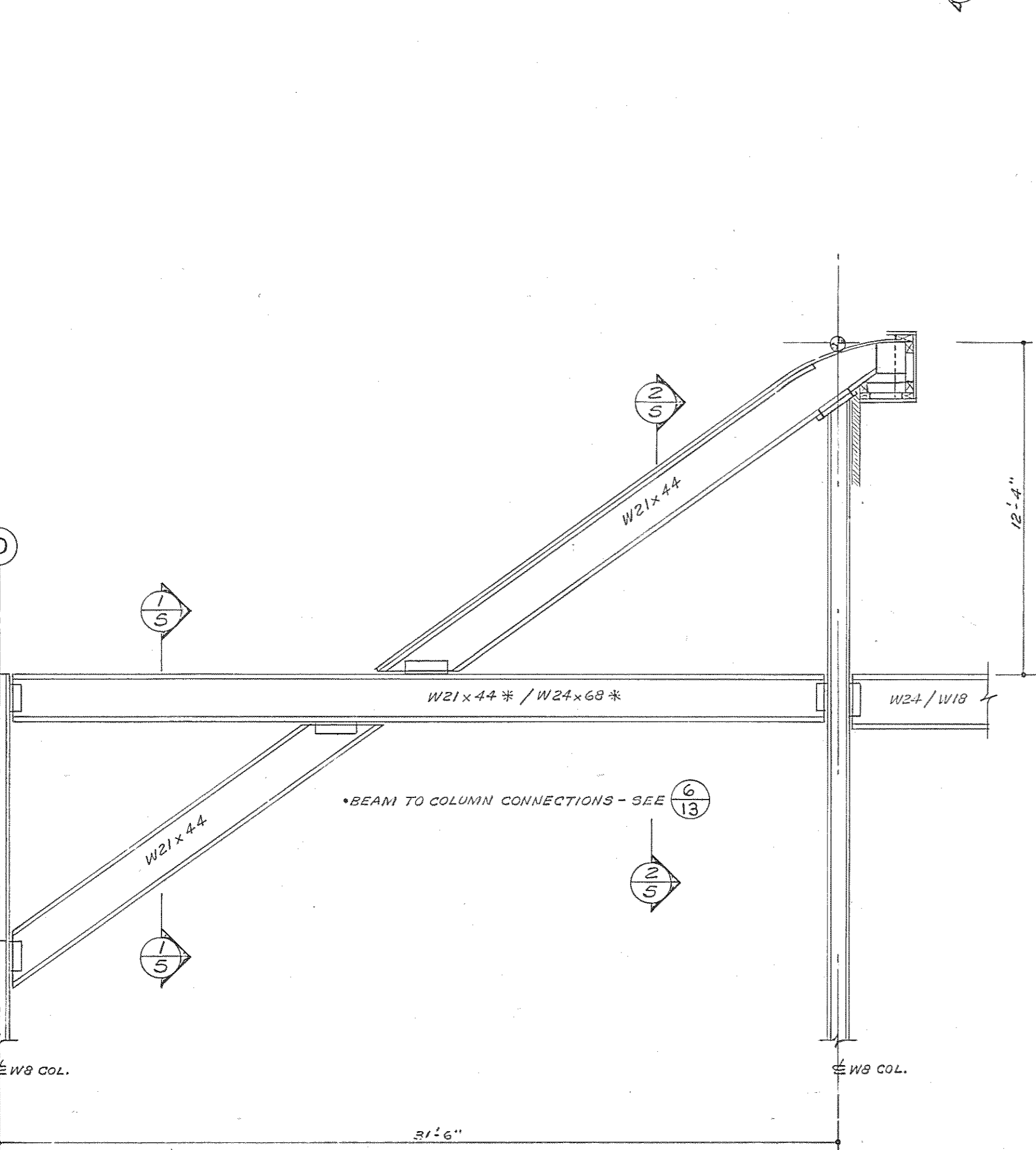
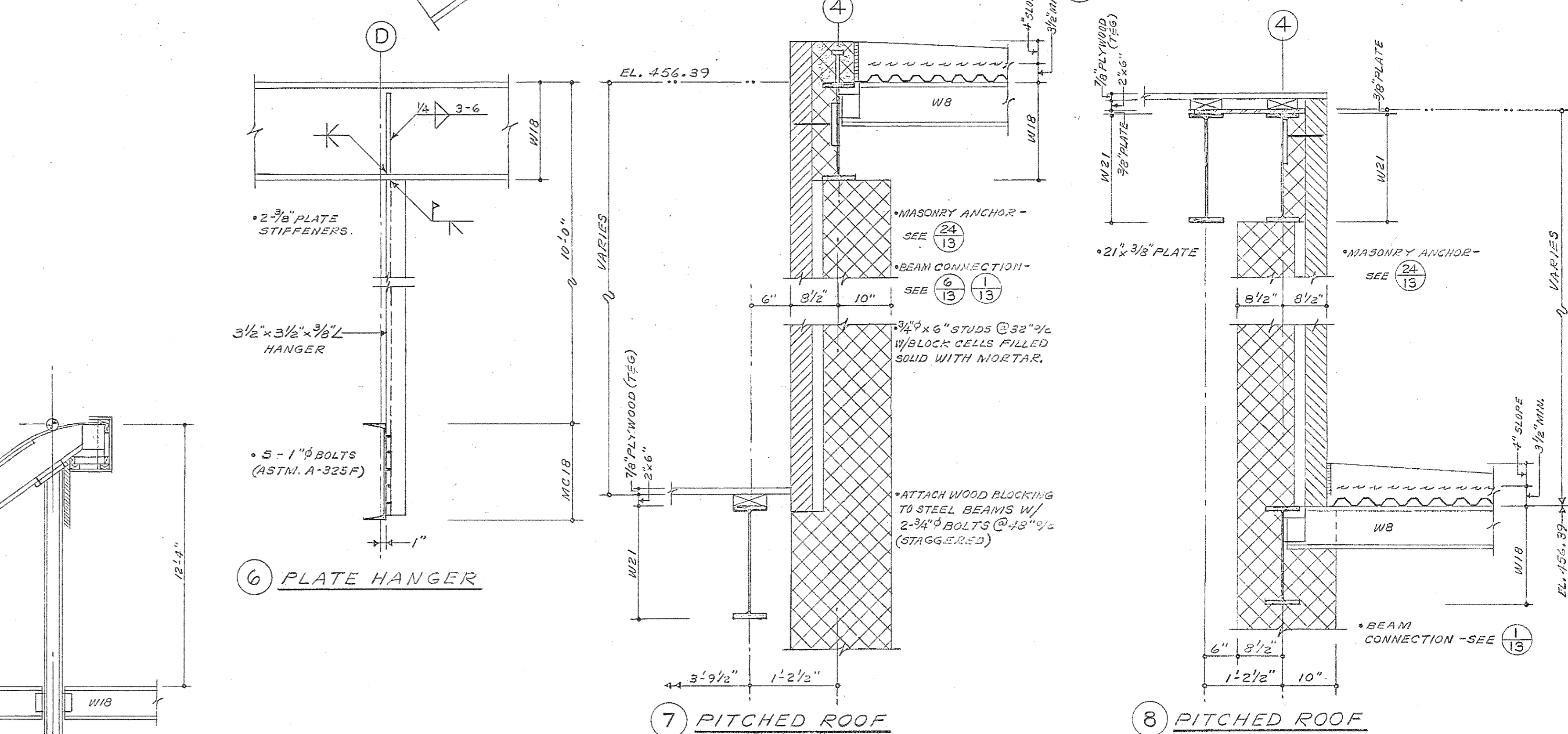
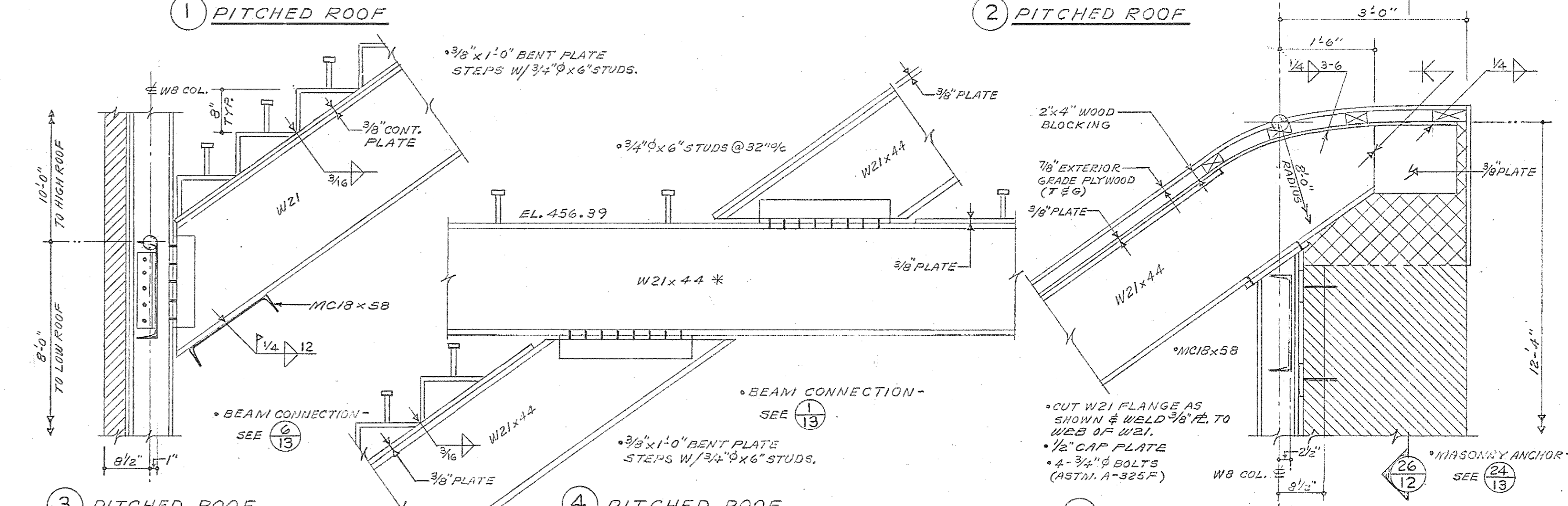
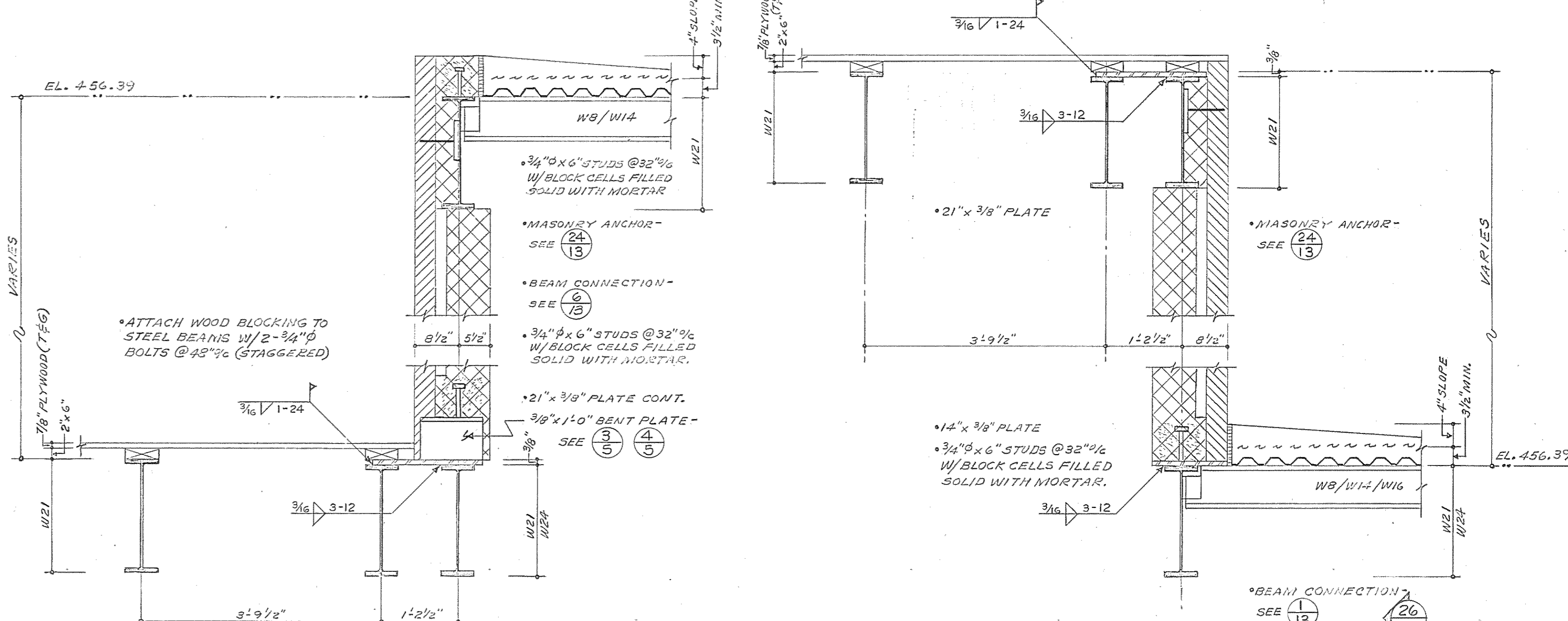
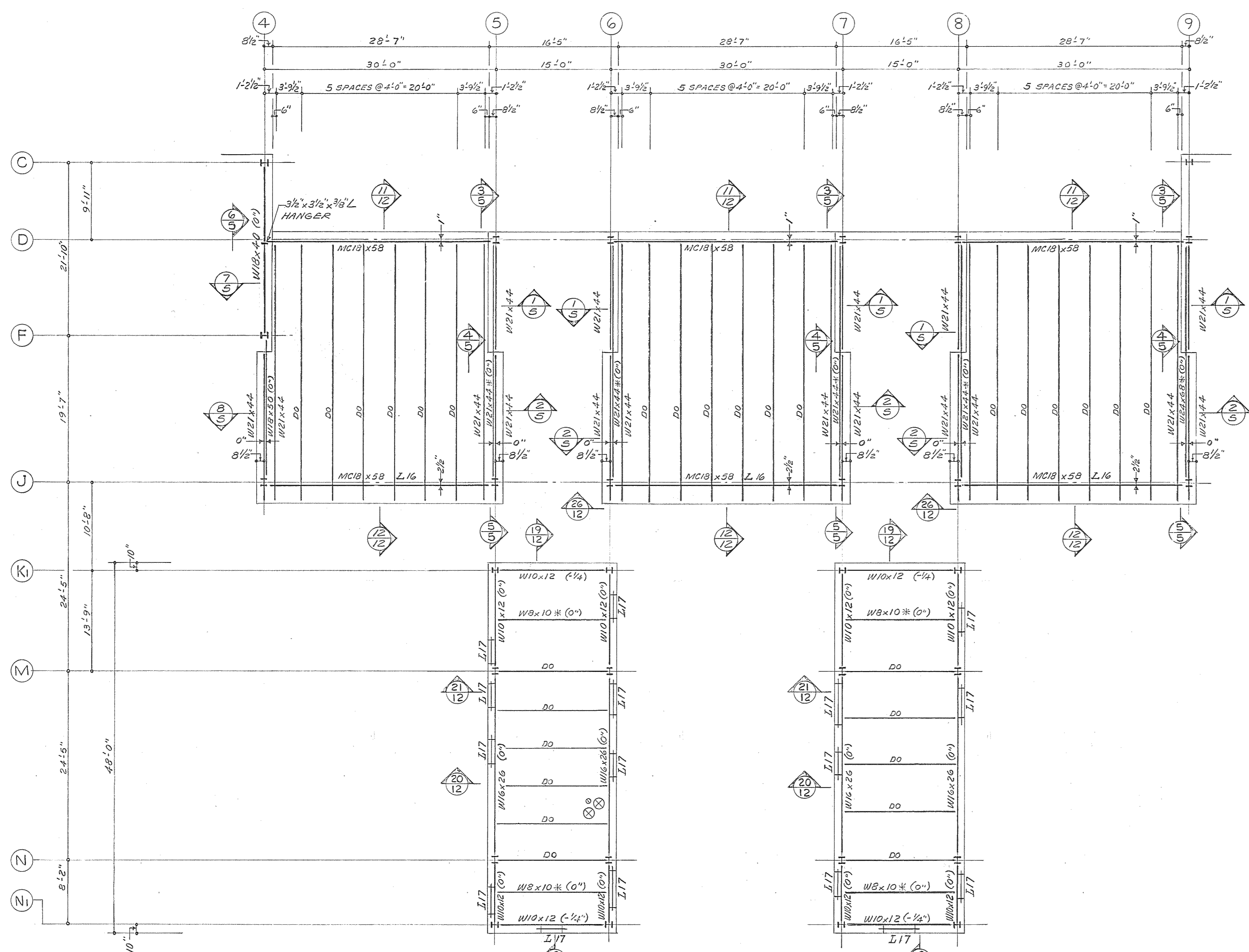
Northwest District Court  
 Wabash Avenue  
 Baltimore, Maryland

DRAWING NO.  
 BC-000-751-001  
 S-4  
 BWJ/GGPA 810-4  
 DATE: 20 JAN. 1983

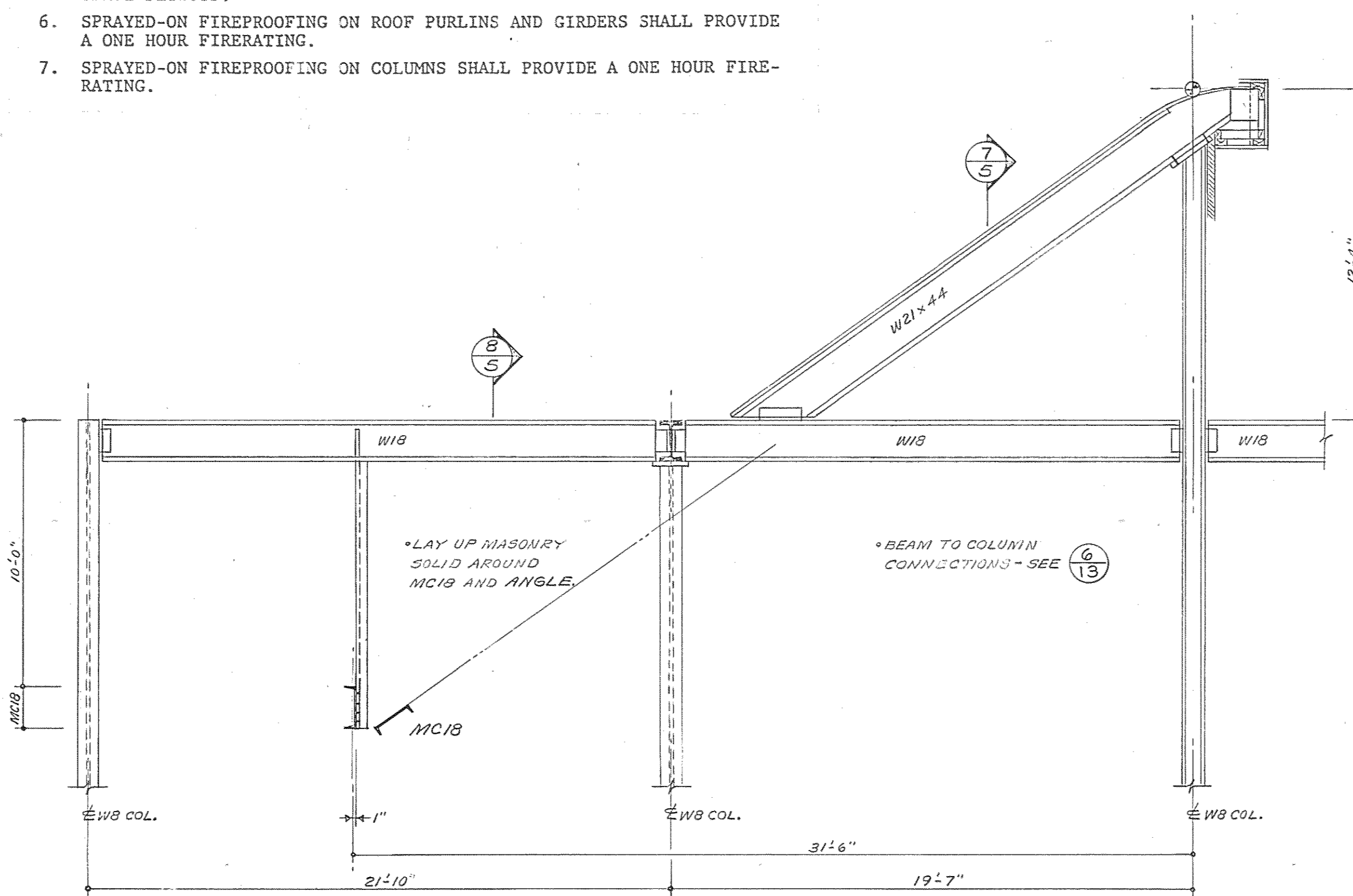


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- PENTHOUSE ROOF FRAMING PLAN 1/8" = 1'-0"**
- ELEVATION TOP OF STRUCTURAL ROOF DECK = 469.02 LOW POINT / 469.35 HIGH POINT.
  - ELEVATION TOP OF STEEL BEAMS INDICATED ON PLAN THUS: (+0") IS MEASURED FROM ELEVATION 468.73
  - STRUCTURAL ROOF DECK SHALL BE 3/4" MINIMUM / 7/8" MAXIMUM (WITH 4" SLOPE TO DRAINS) PERLITE INSULATING CONCRETE REINFORCED WITH 4" x 8" = 12 GAUGE / 14 GAUGE WELDED WIRE FABRIC OVER 1-5/16 x 24 GAUGE GALVANIZED SLOTTED CORRUGATED METAL CENTERING.
  - FOR PITCH AND ELEVATIONS OF SLOPED ROOF SEE ARCHITECTURAL DRAWINGS.
  - STRUCTURAL SLOPE ROOF DECK SHALL BE 7/8" FIRE TREATED EXTERIOR GRADE PLYWOOD.
  - SPRAYED-ON FIREPROOFING ON ROOF PURLINS AND GIRDERS SHALL PROVIDE A ONE HOUR FIRE-RATING.
  - SPRAYED-ON FIREPROOFING ON COLUMNS SHALL PROVIDE A ONE HOUR FIRE-RATING.



9 PITCHED ROOF AT COLUMN LINES 5 THRU 9  
1/4" = 1'-0"

10 PITCHED ROOF AT COLUMN LINE 4  
1/4" = 1'-0"

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Baltimore, Maryland 21218

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530 EAST JOPPA ROAD 130 WEST HAMILTON STREET 2435 NORTH CALVERT STREET  
TOWSON, MARYLAND 21204 BALTIMORE, MARYLAND 21201 BALTIMORE, MARYLAND 21218

USING AGENCY APPROVAL  
Robert B. Seid

DEPARTMENT OF GENERAL SERVICES  
PROJECT ADMINISTRATOR  
DATE 3/21/83

REVISIONS  
REVISION NO. 1 28 MAR. 1983  
DATE 3/21/83

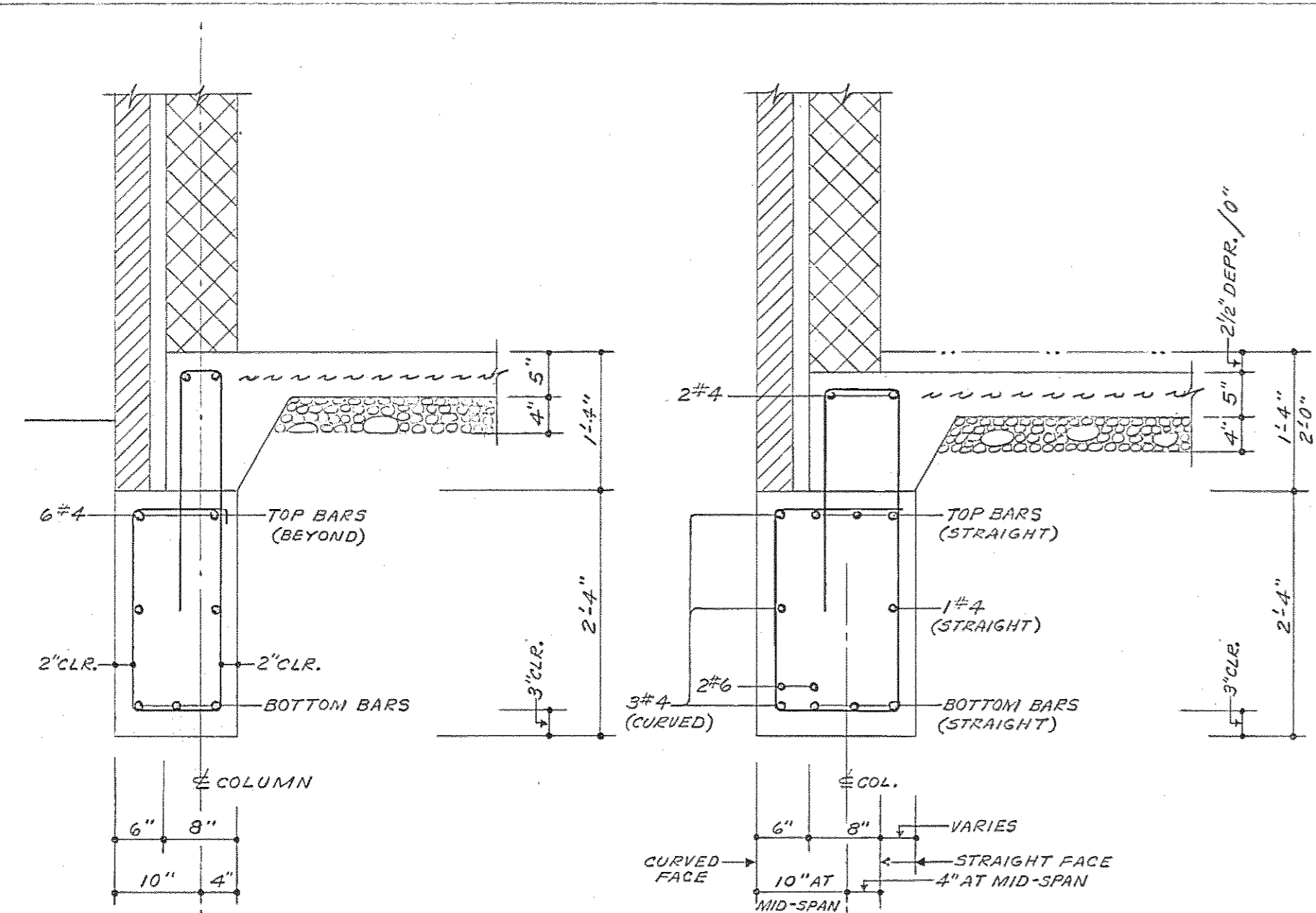
Northwest District Court  
Wabash Avenue  
Baltimore, Maryland

ARCHITECTURAL REGISTRATION BOARD  
STATE OF MARYLAND  
3020

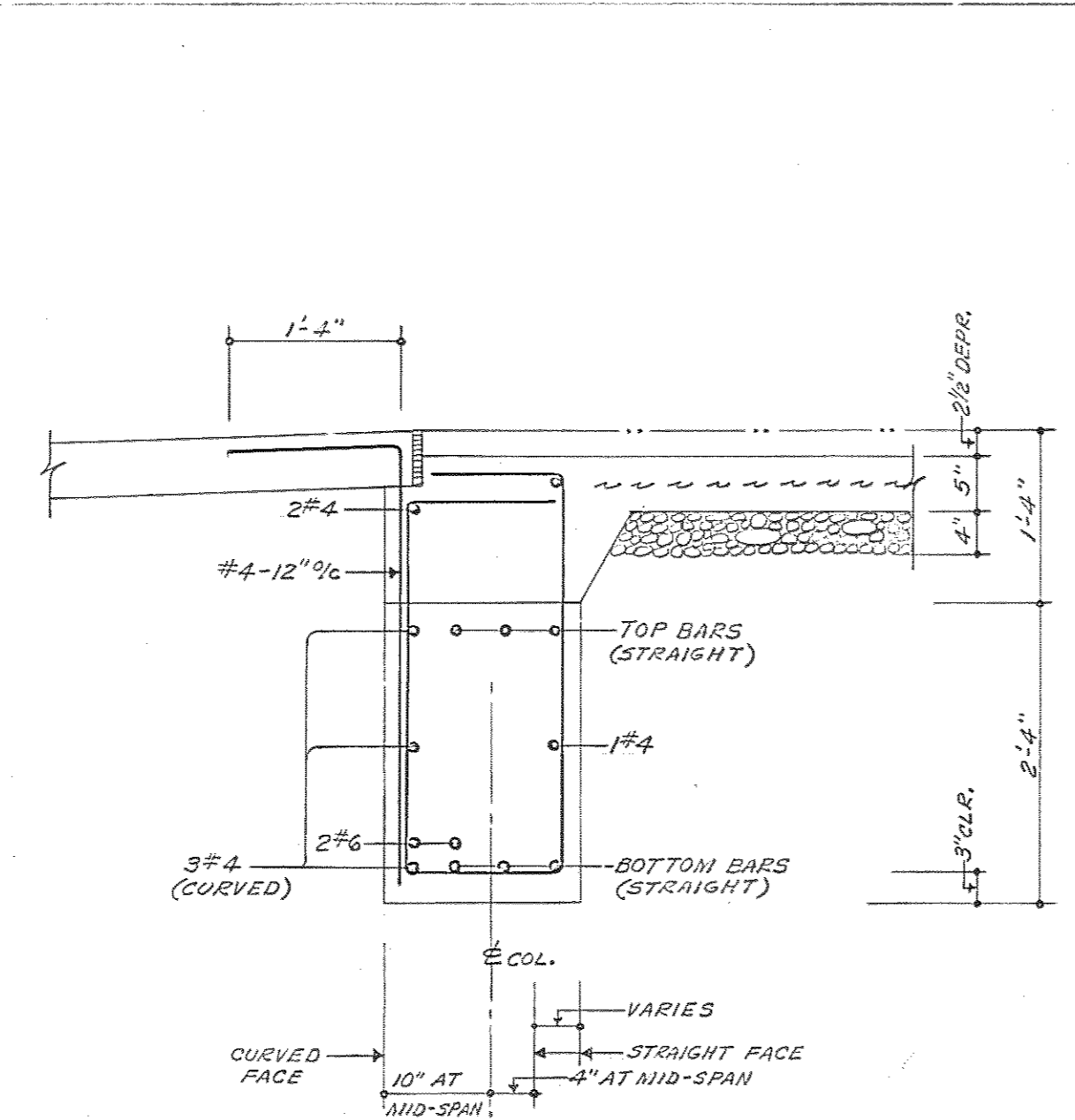
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PENTHOUSE ROOF FRAMING PLAN  
DRAWING NO. BC-000-751-001  
S-5  
BY/JJ/GGPA 8104  
DATE: 20 JAN. 1983

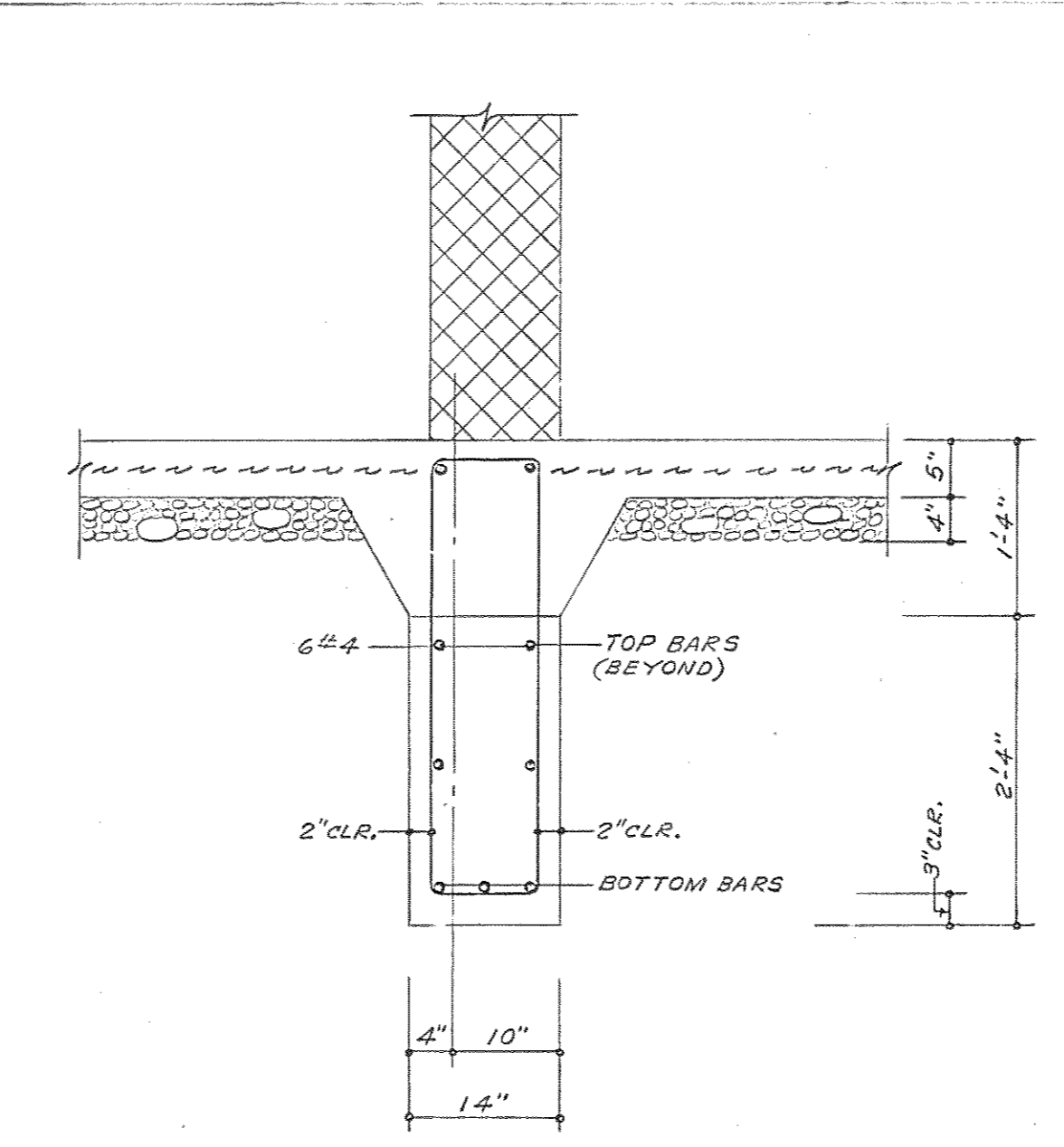




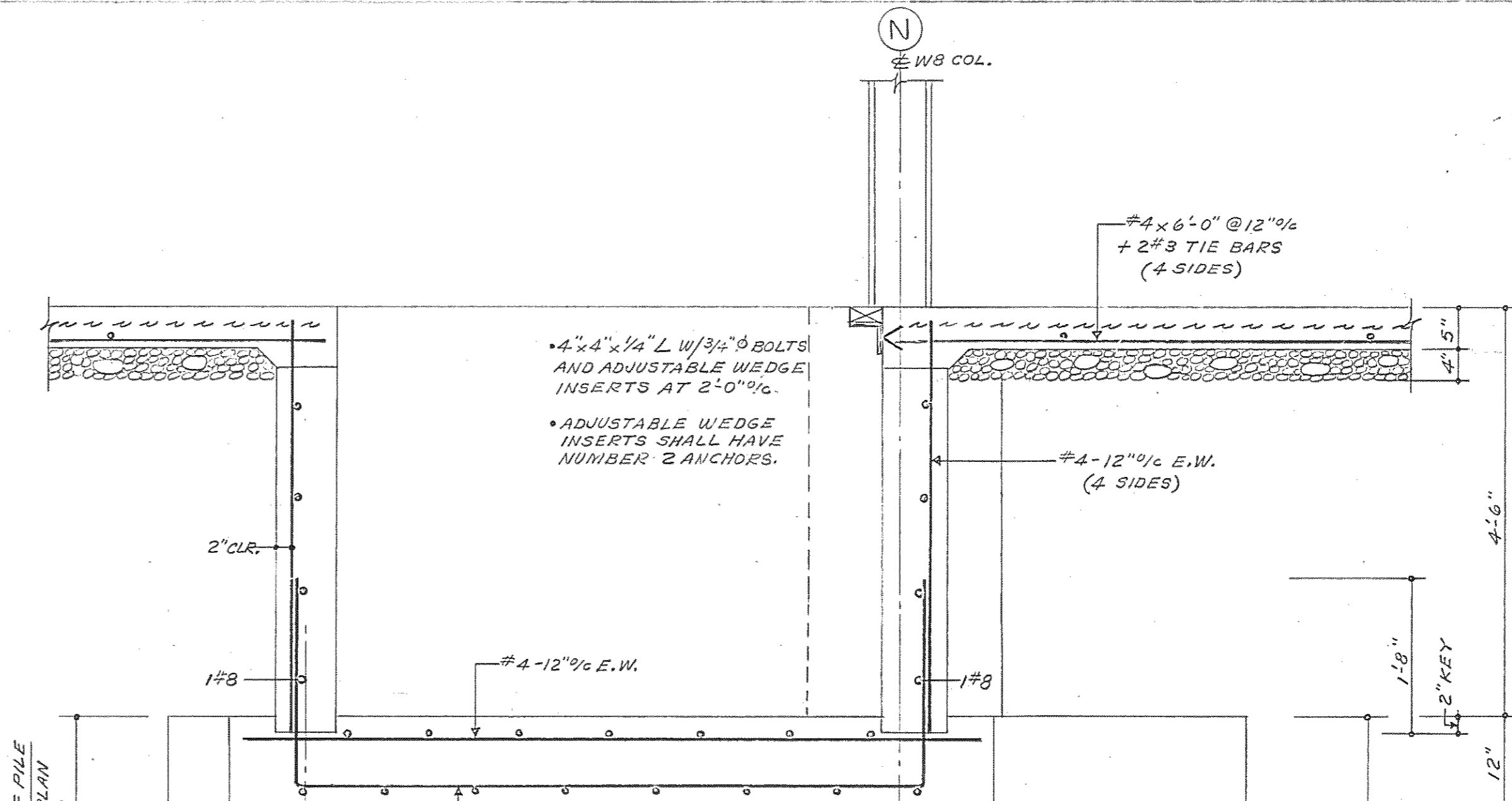
1 GRADE BEAM AT EXTERIOR WALL 2 CURVED GRADE BEAM



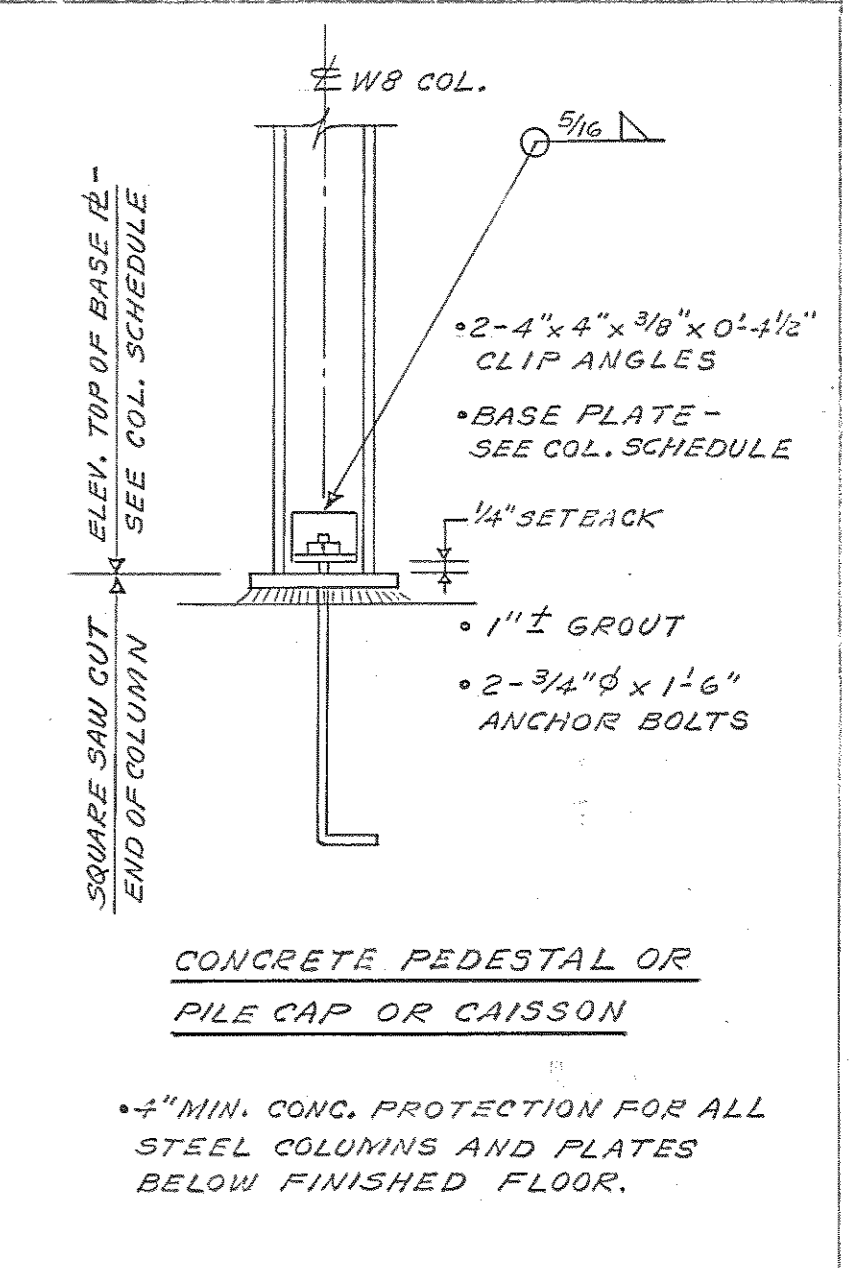
3 CURVED GRADE BEAM



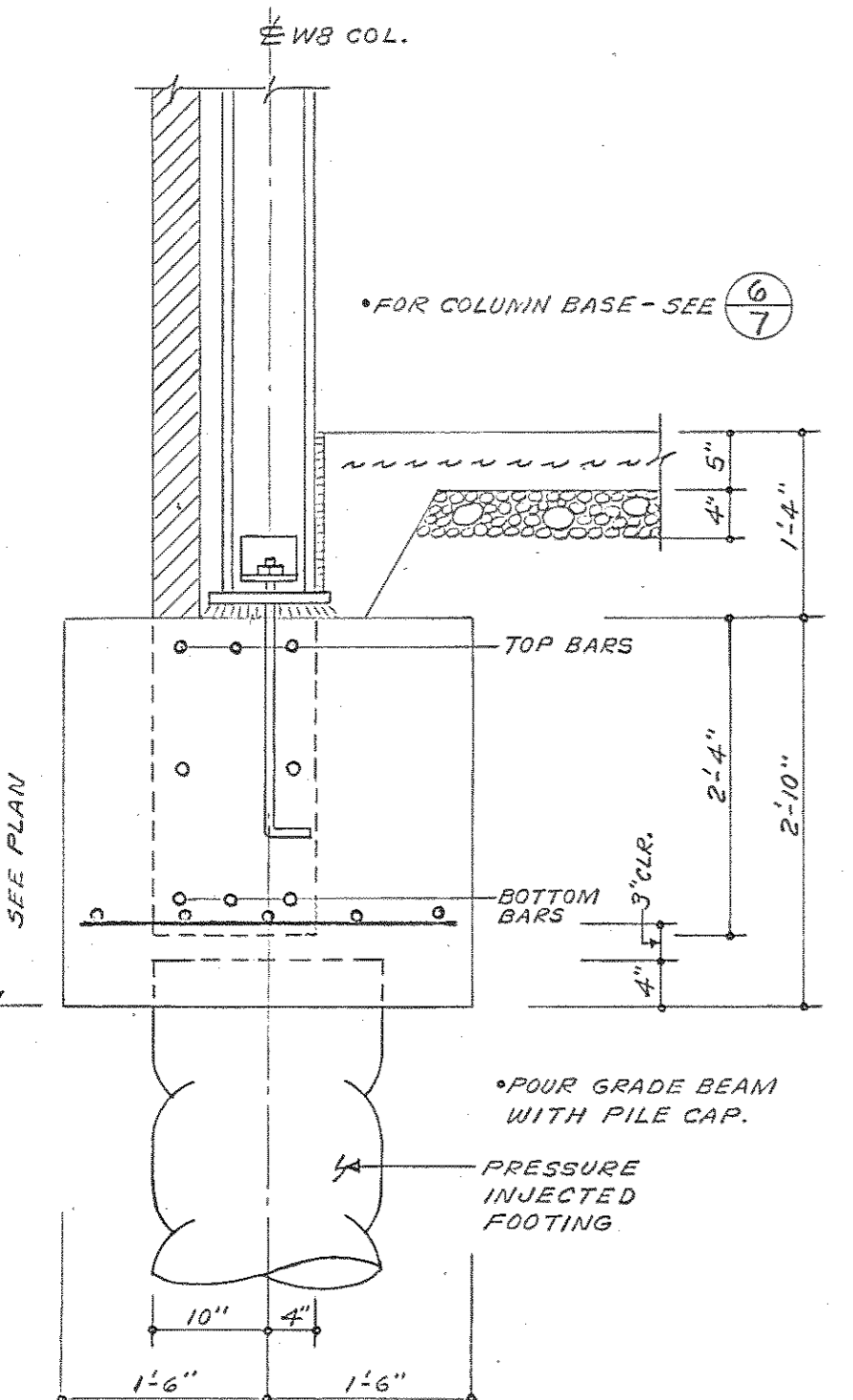
4 INTERIOR GRADE BEAM AT STAIR



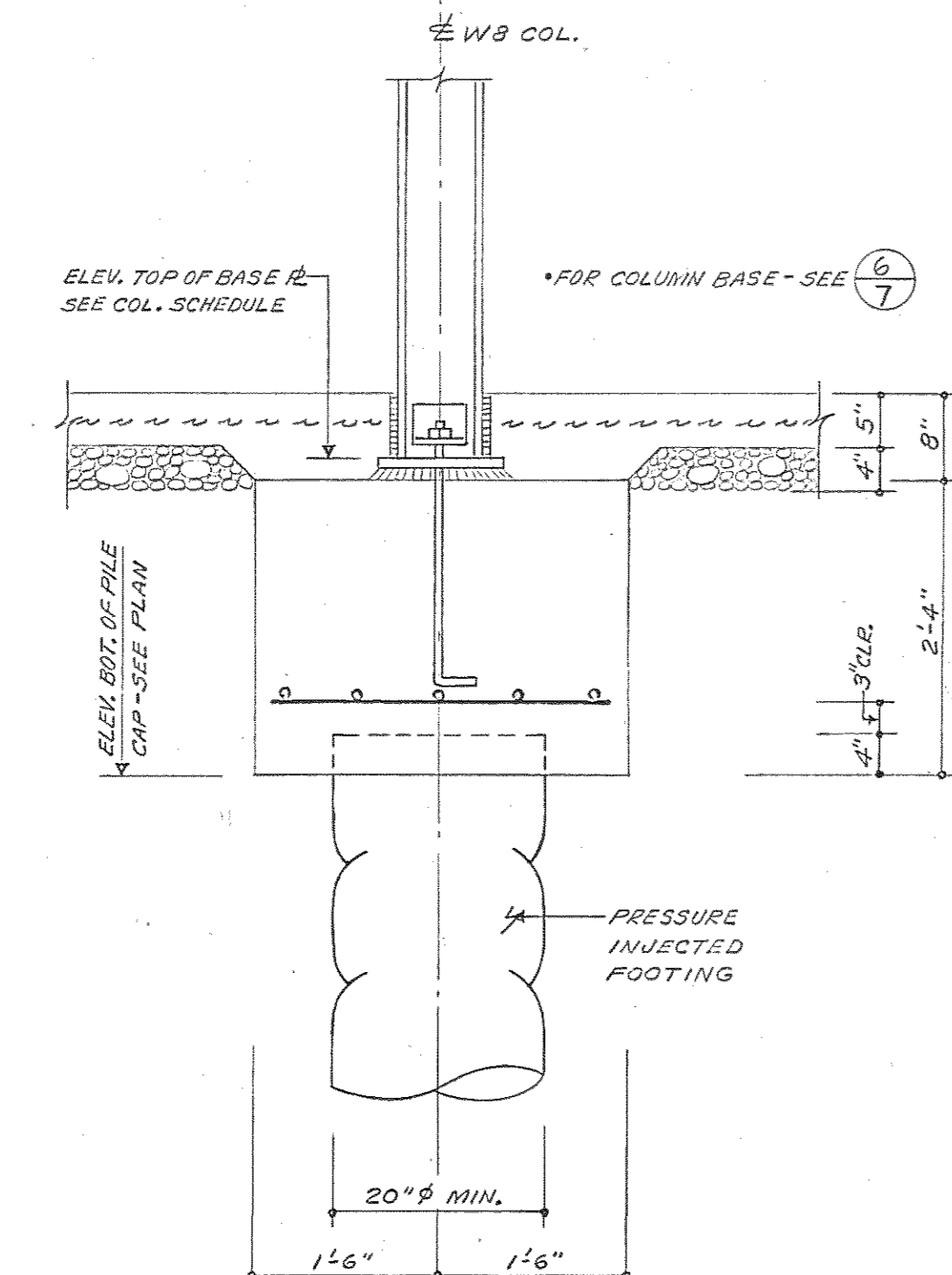
5 ELEVATOR PIT



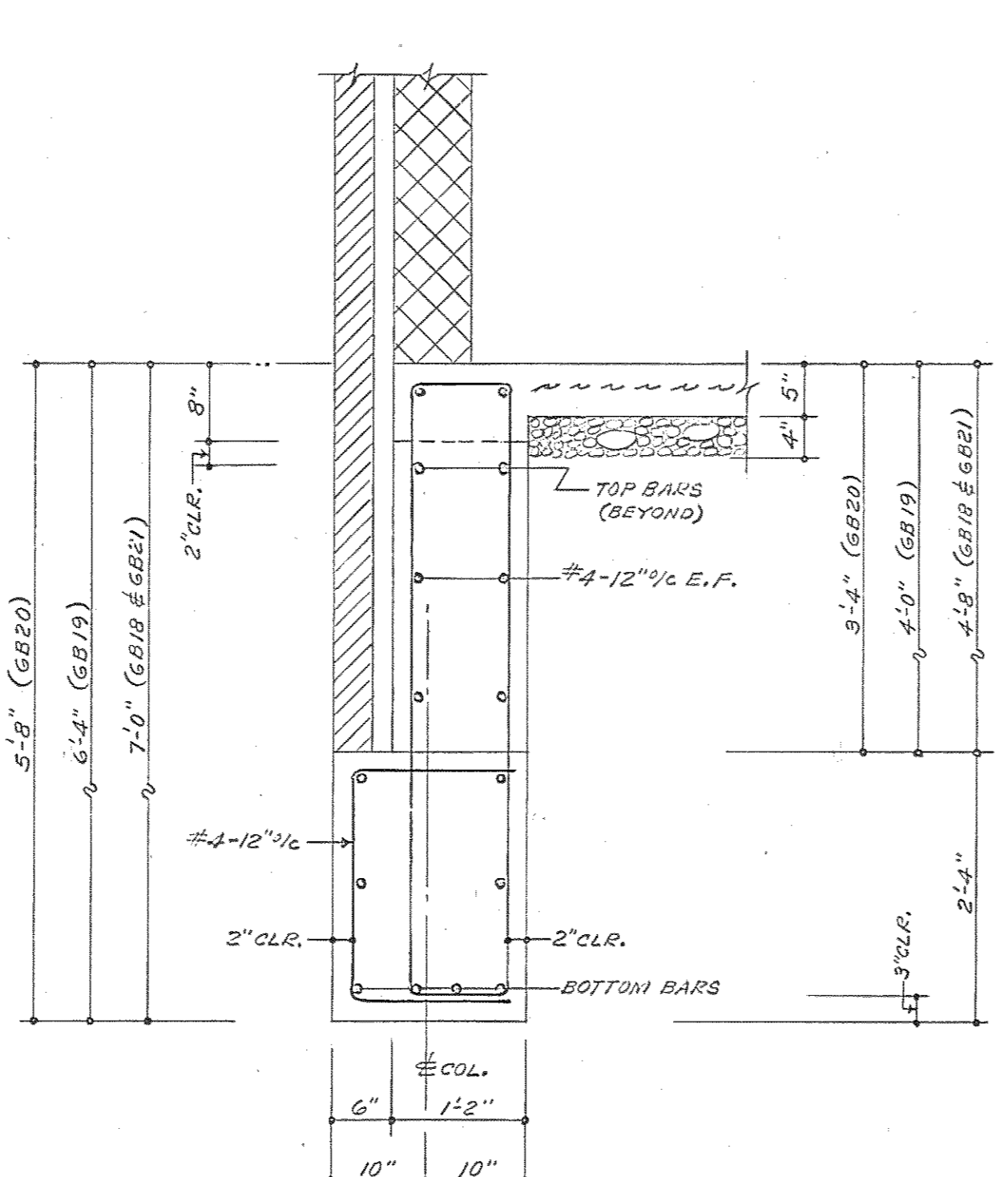
6 COLUMN BASE



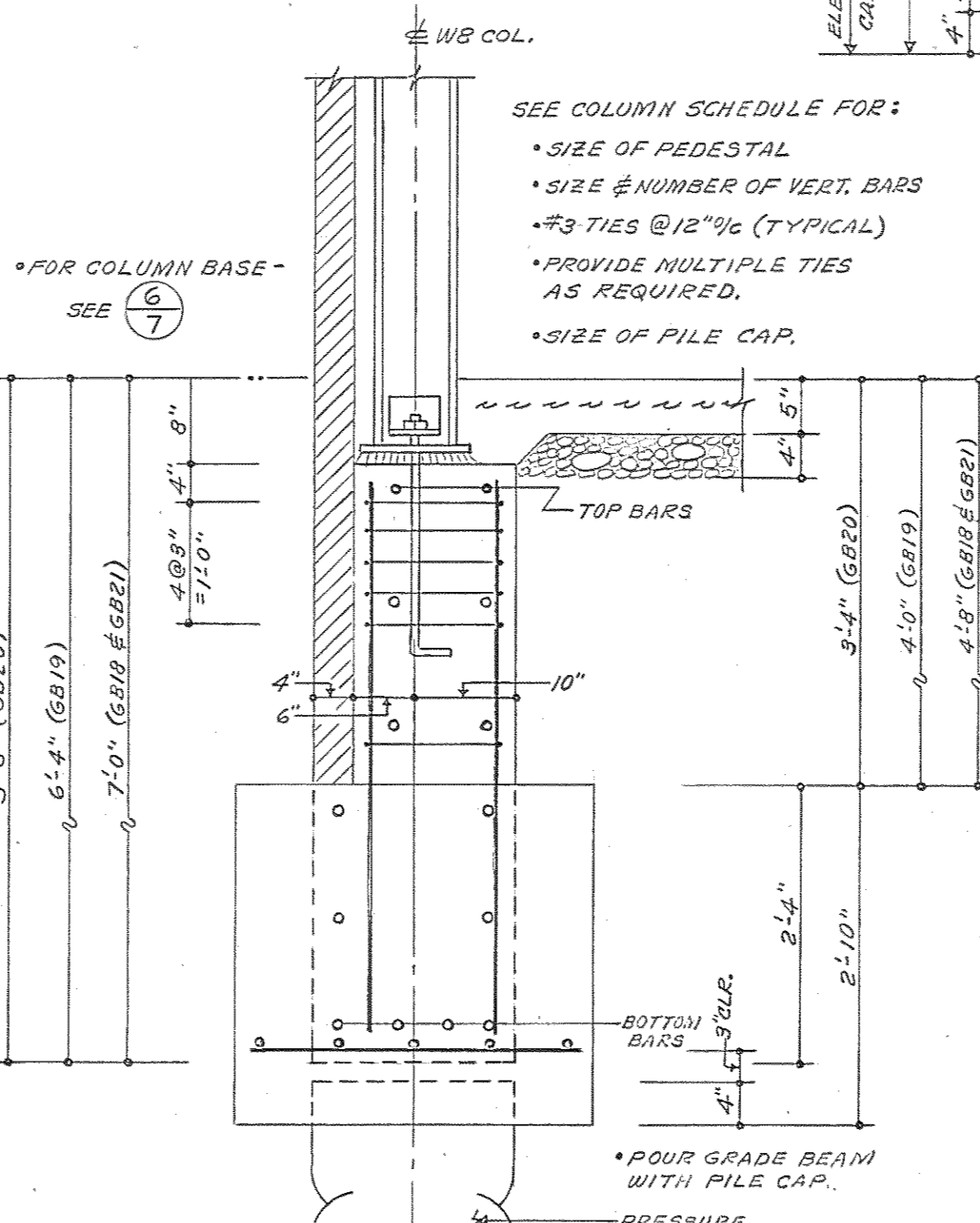
7 EXTERIOR COLUMN



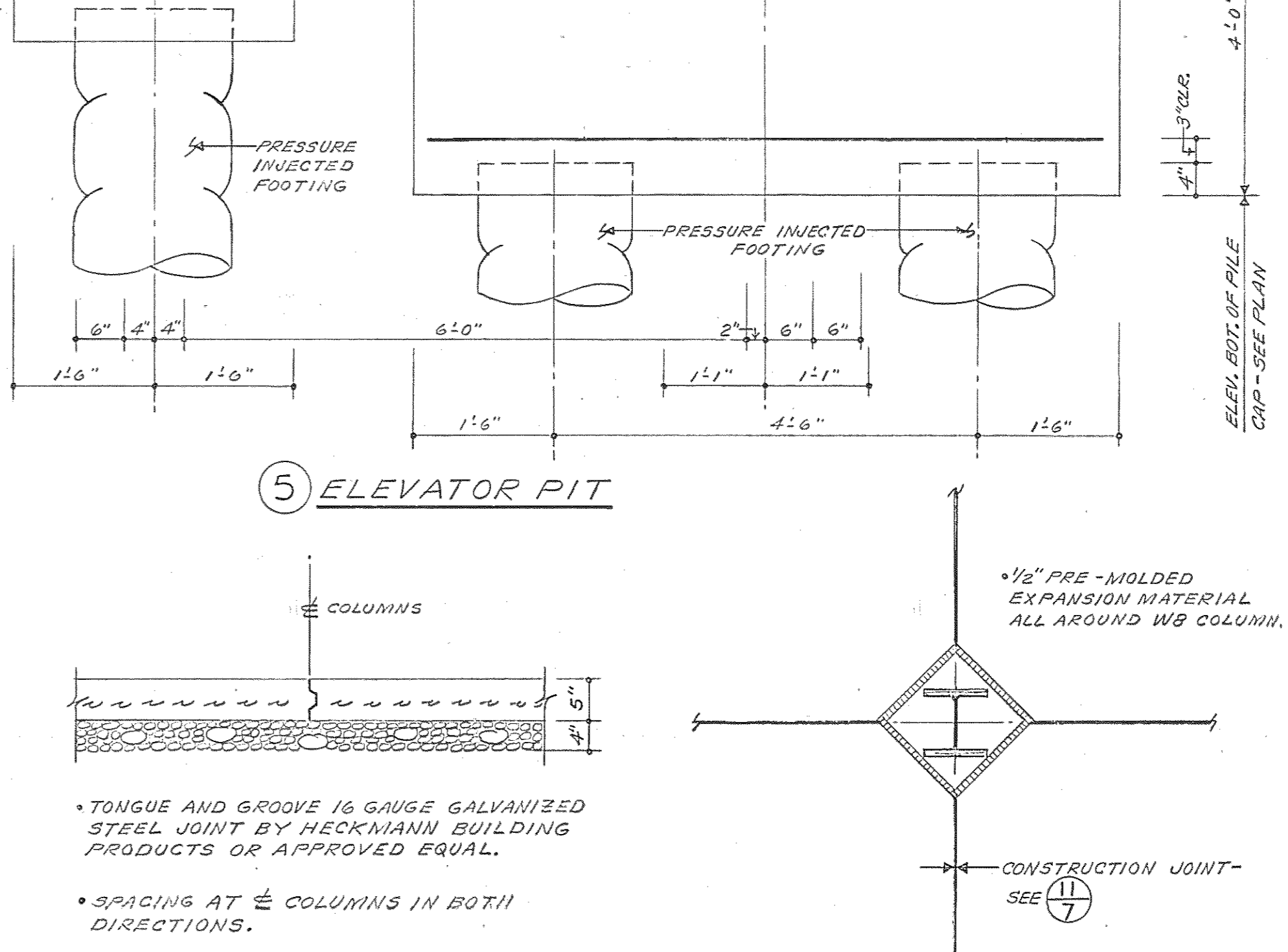
8 INTERIOR COLUMN



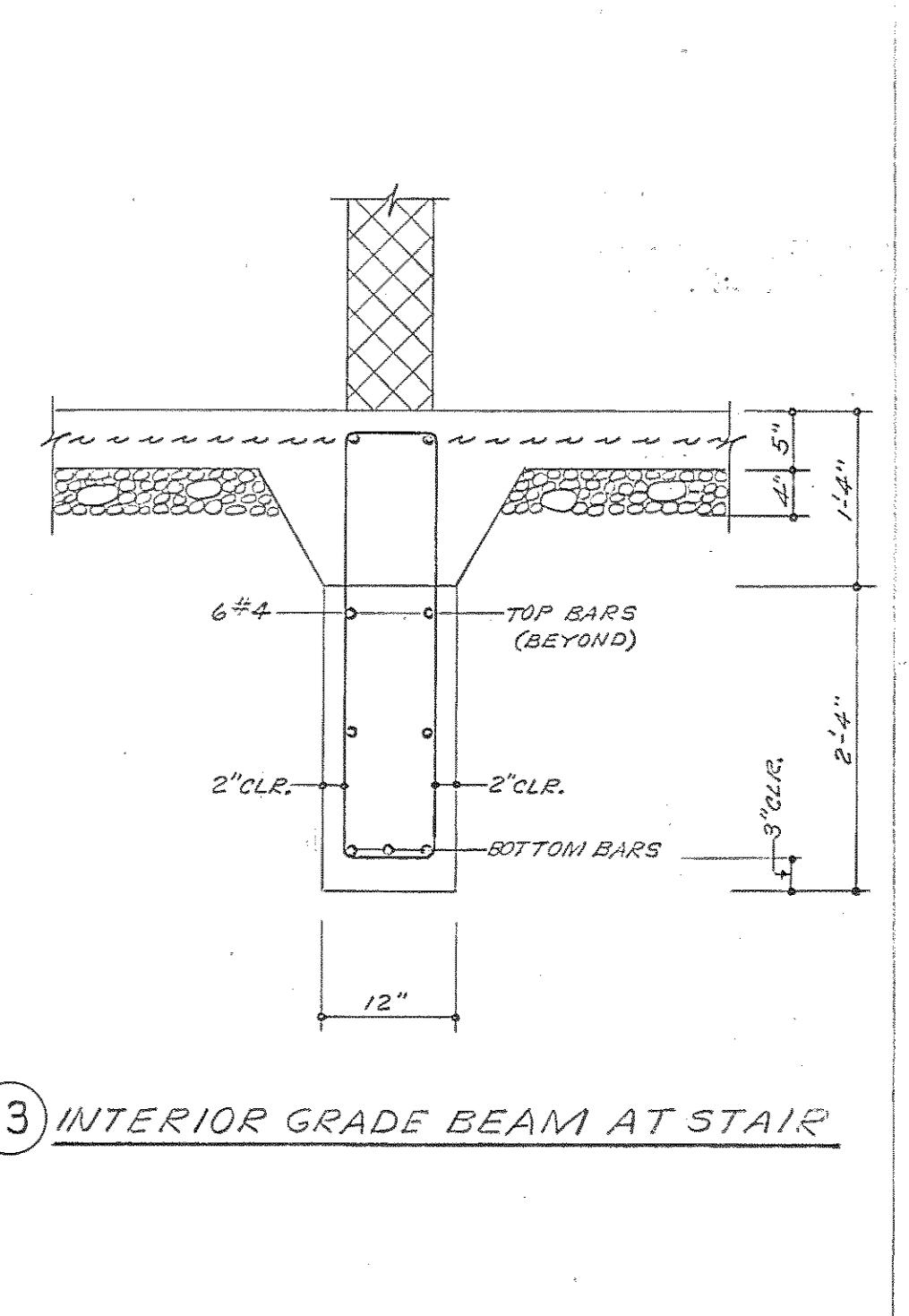
9 GRADE BEAMS AT EXTERIOR WALL



10 EXTERIOR COLUMN

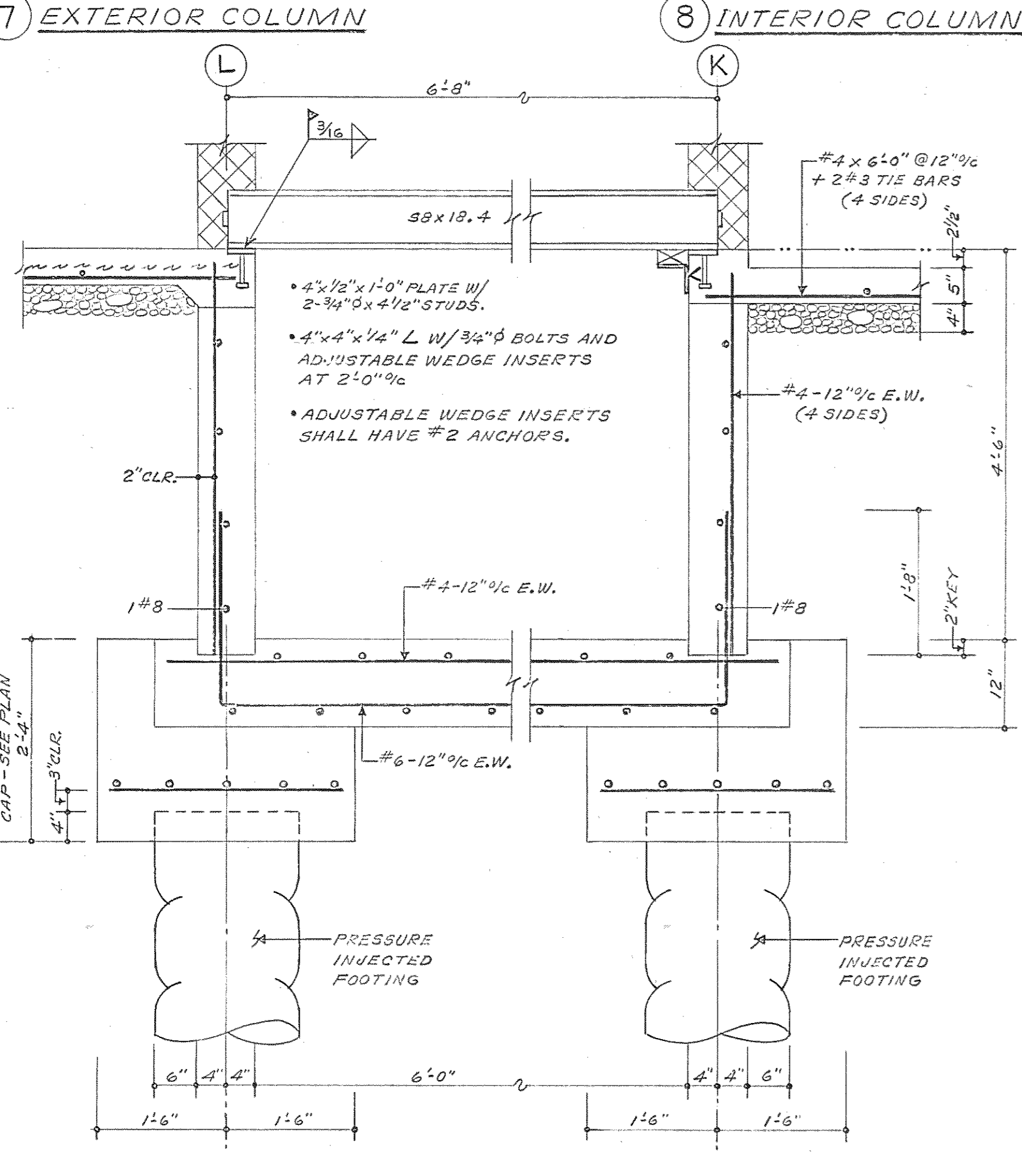


11 TYPICAL CONSTRUCTION JOINT IN SLAB ON GRADE

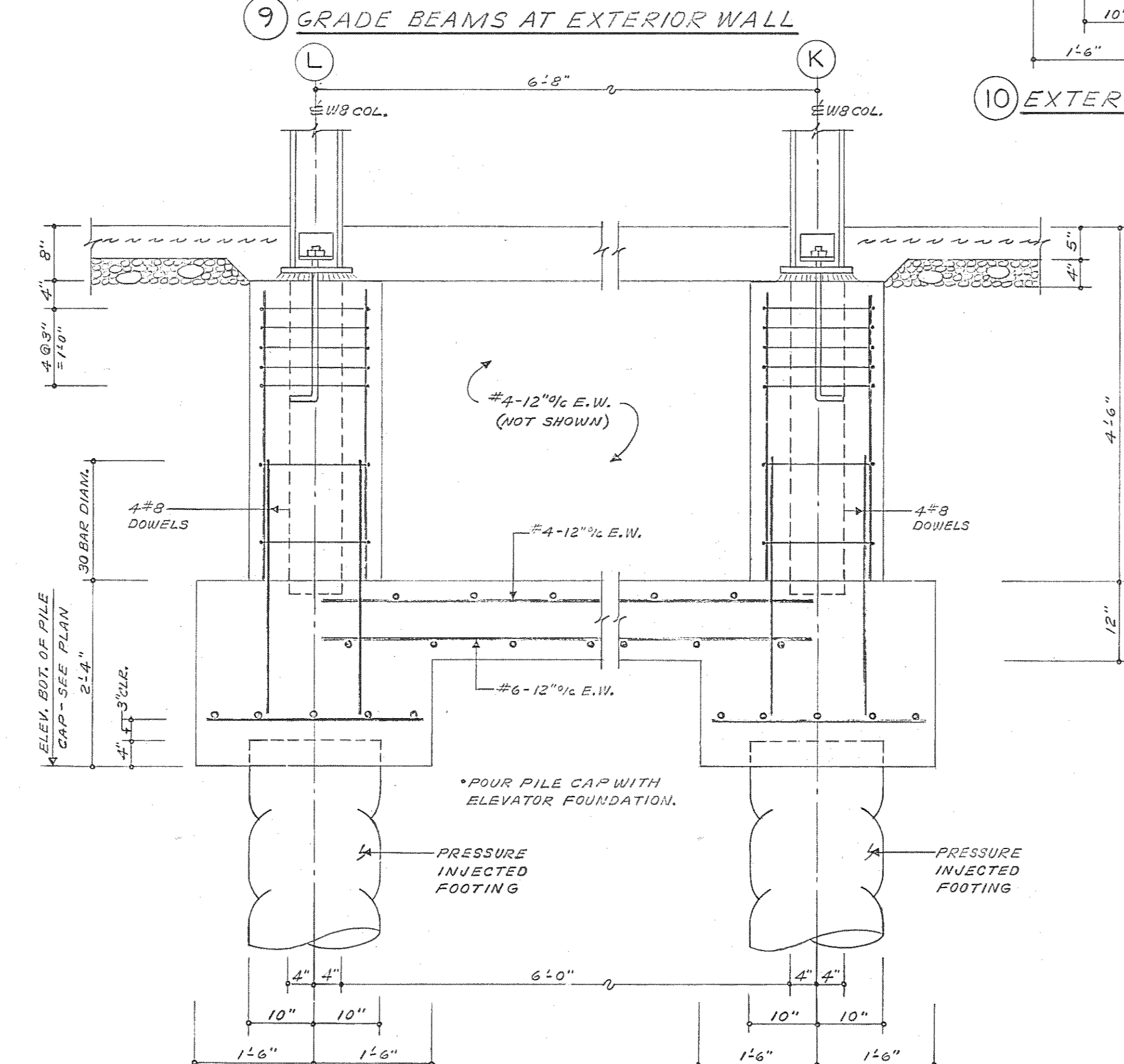


12 PLAN - SLAB ON GRADE AT COL.

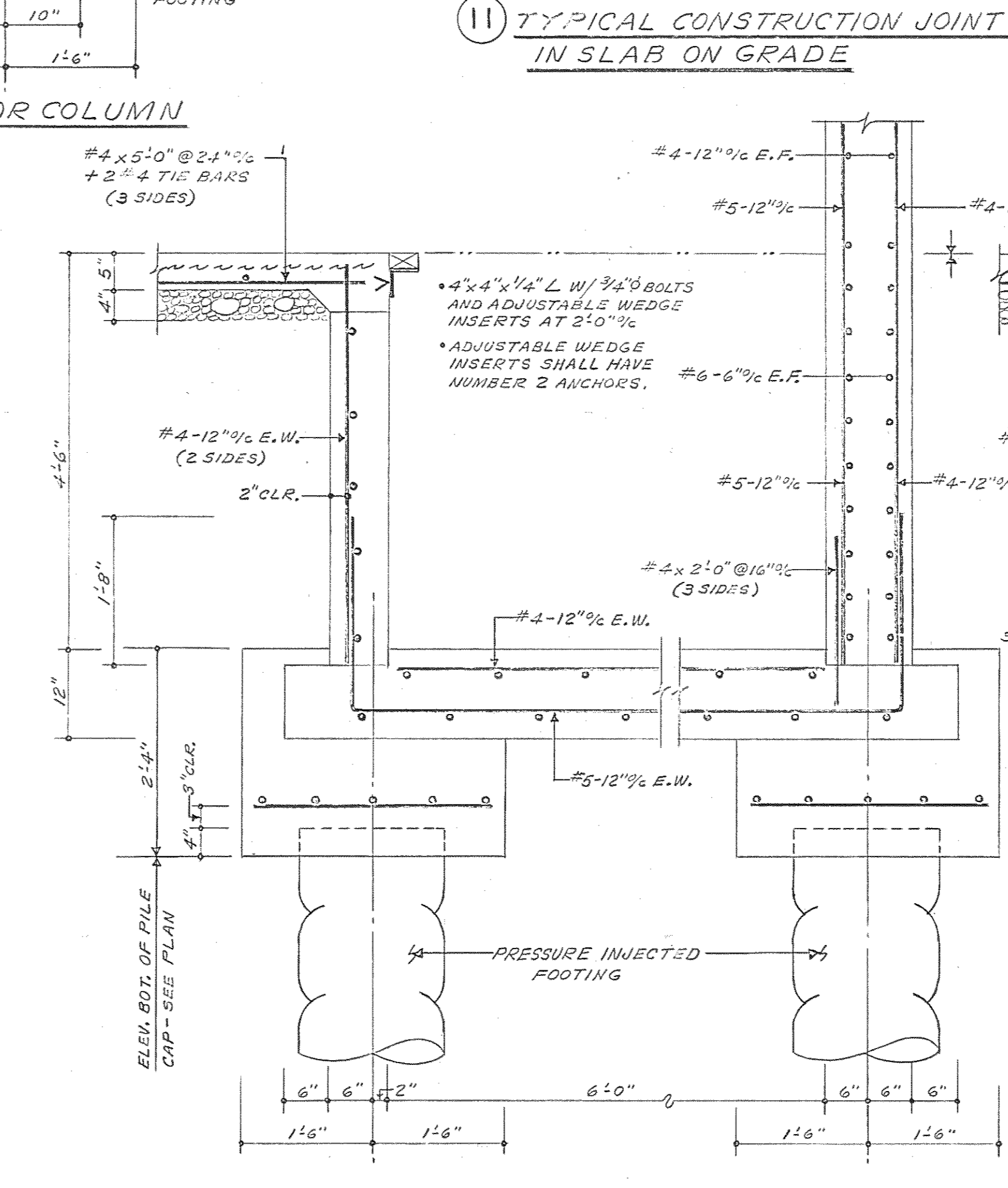
13 INTERIOR GRADE BEAM AT STAIR



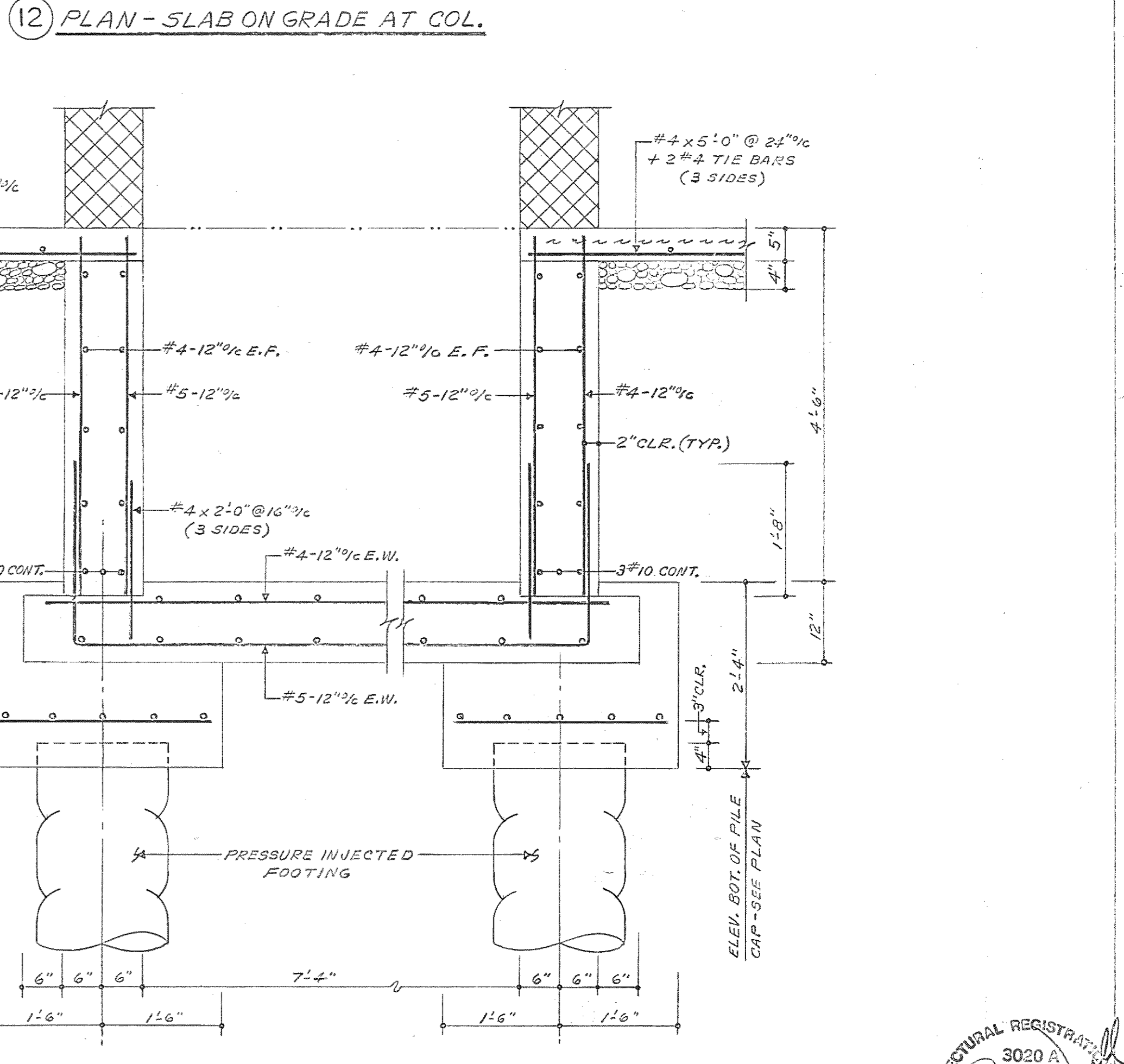
14 ELEVATOR PIT



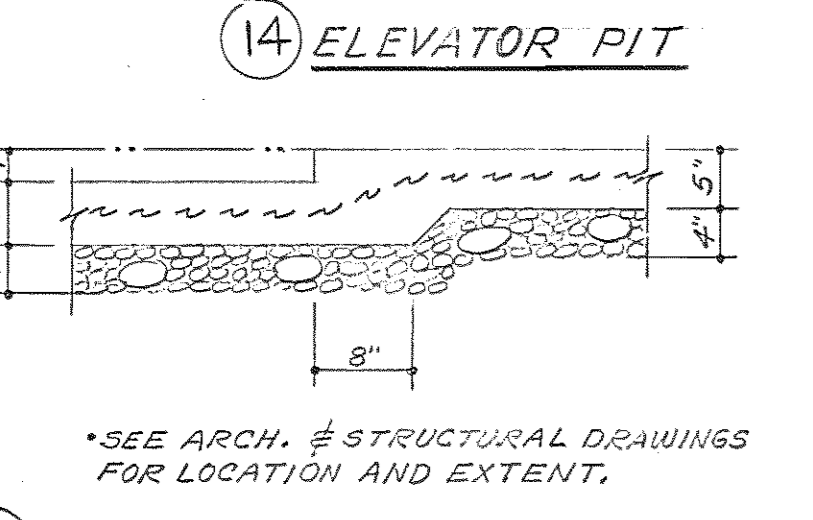
15 ELEVATOR PIT



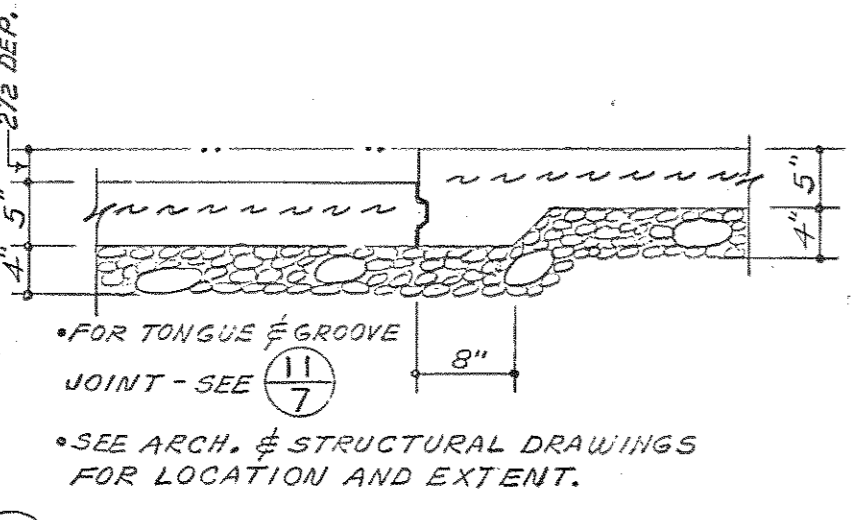
16 ELEVATOR PIT



17 ELEVATOR PIT



18 DEPRESSION AT SLAB ON GRADE



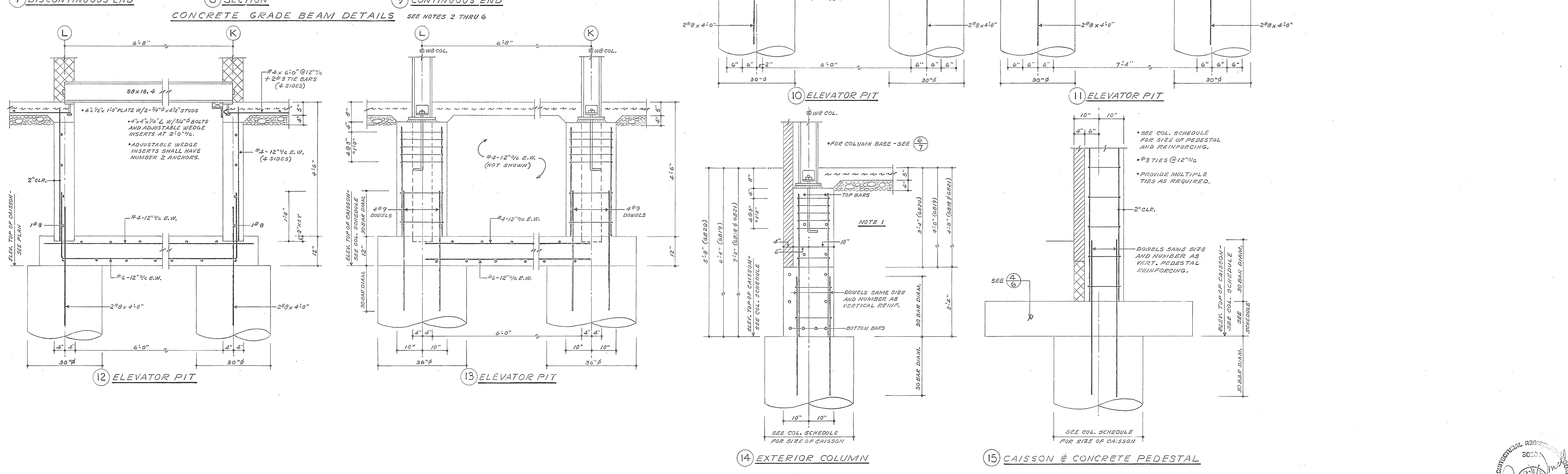
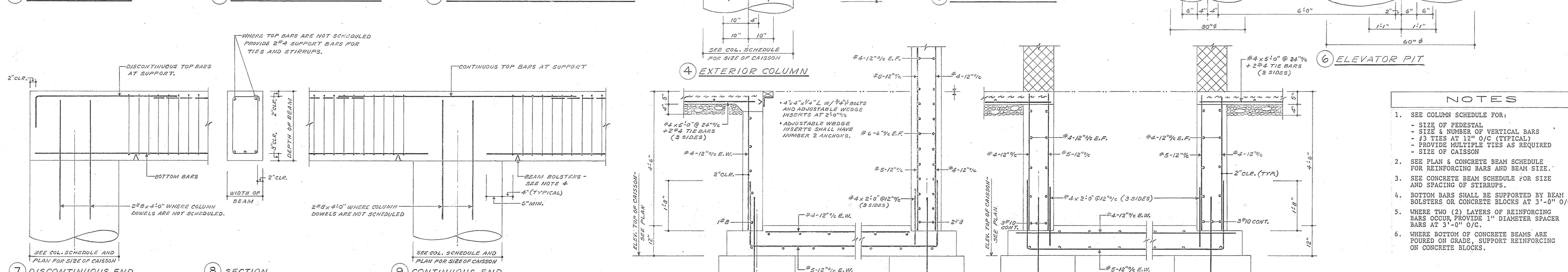
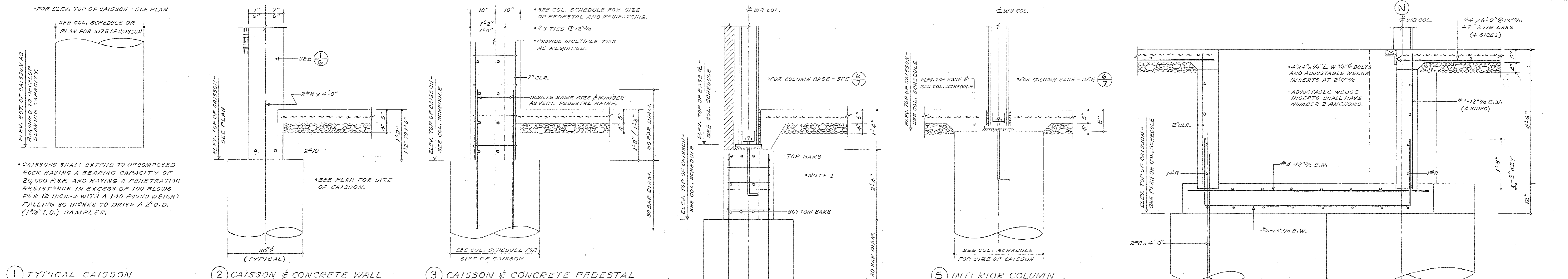
19 CONSTRUCTION JOINT AT DEPRESSION

Browne, Worrall & Johnson/Gutwein-Guenther Professional Association  
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 130 EAST JORRA ROAD 130 WEST HAMILTON STREET 2435 NORTH CALVERT STREET  
 TOWSON, MARYLAND 21204 BALTIMORE, MARYLAND 21201 BALTIMORE, MARYLAND 21218

USING AGENCY APPROVAL  
 Robert B. Sweet  
 DEPARTMENT OF GENERAL SERVICES  
 PROJECT ADMINISTRATOR  
 DATE 3/27/83

REVISIONS	
REVISION NO. 1	28 MAR. 1983
ADD BUILT REVISIONS	10-15-86

Northwest District Court  
 Wabash Avenue  
 Baltimore, Maryland  
 DRAWING NO. 83-006-751-001  
 S-7  
 BWJ/GFA 8104  
 DATE: 20 JAN. 1983



- NOTES**
- SEE COLUMN SCHEDULE FOR:
    - SIZE & NUMBER OF VERTICAL BARS
    - #3 TIES AT 12" O/C (TYPICAL)
    - PROVIDE MULTIPLE TIES AS REQUIRED - SIZE OF CAISSON
  - SEE PLAN & CONCRETE BEAM SCHEDULE FOR REINFORCING BARS AND BEAM SIZE.
  - SEE CONCRETE BEAM SCHEDULE FOR SIZE AND SPACING OF STIRRUPS.
  - BOTTOM BARS SHALL BE SUPPORTED BY BEAM BOLSTERS OR CONCRETE BLOCKS AT 3'-0" O/C.
  - WHERE TWO (2) LAYERS OF REINFORCING BARS OCCUR, PROVIDE 1" DIAMETER SPACER BARS AT 3'-0" O/C.
  - WHERE BOTTOM OF CONCRETE BEAMS ARE FOUED ON GRADE, SUPPORT REINFORCING ON CONCRETE BLOCKS.

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George Evans & Associates, Inc. 130 WEST HAMILTON STREET BALTIMORE, MARYLAND 21201

Moore/Lewis Inc. 2435 NORTH CALVERT STREET BALTIMORE, MARYLAND 21218

USING AGENCY APPROVAL  
*Robert S. Soral*

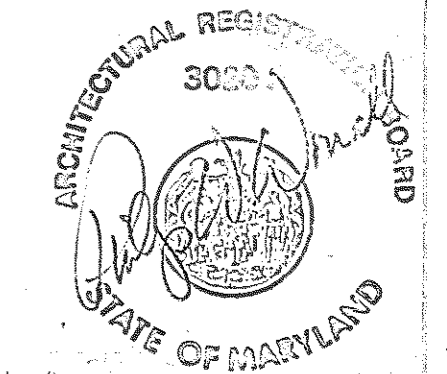
DEPARTMENT OF GENERAL SERVICES  
*Robert S. Soral* 3/21/83  
 PROJECT ADMINISTRATOR DATE

*W. J. G. P.* 3/21/83  
 DIRECTOR, ENGR. & CONST. DATE

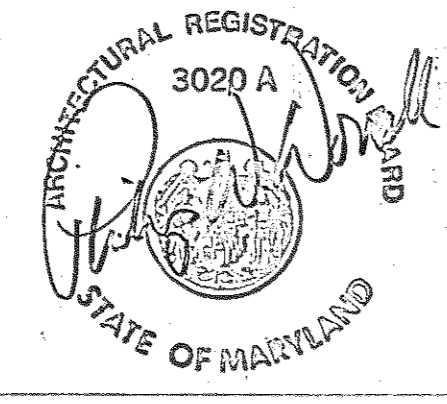
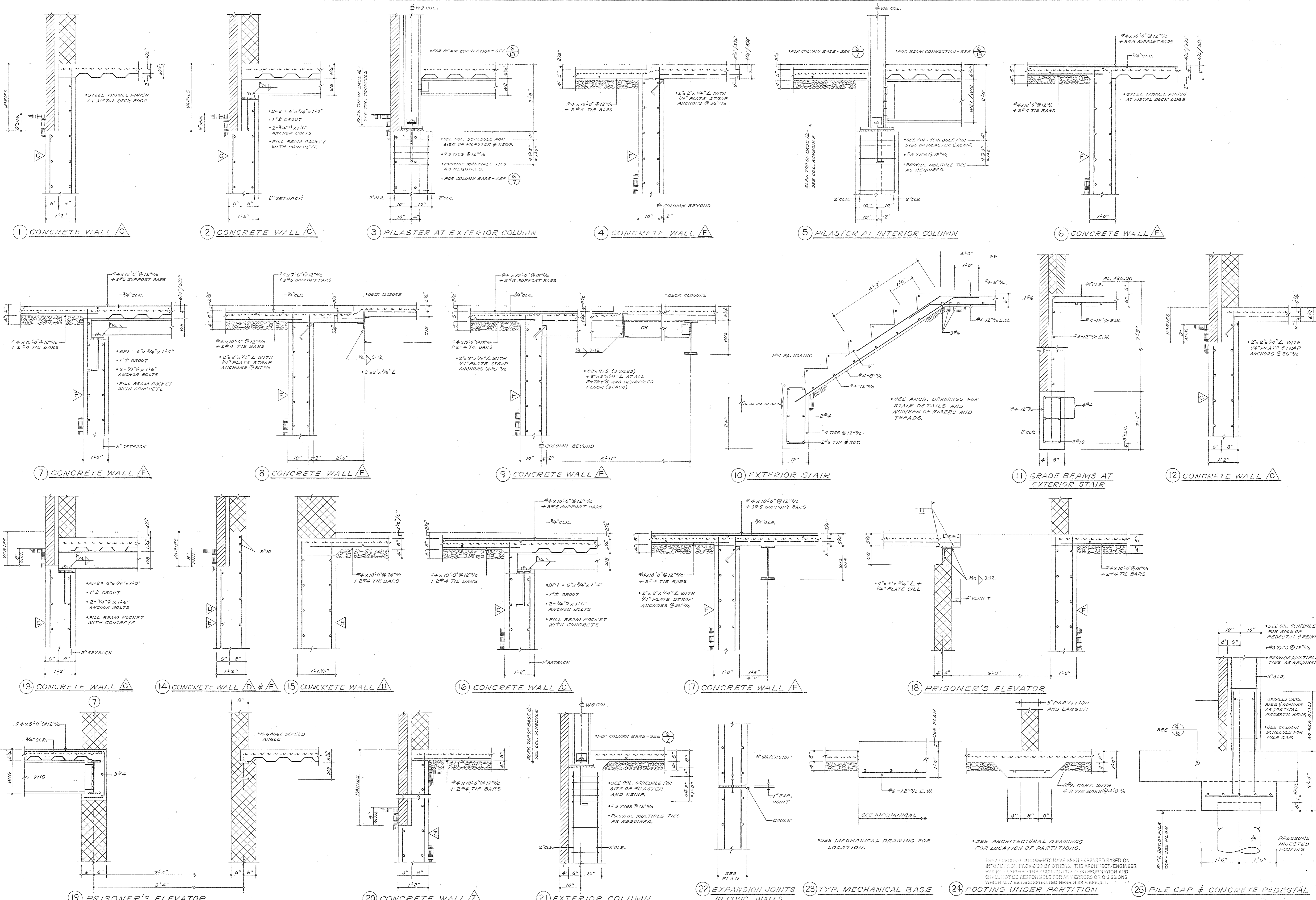
REVISIONS	
REVISION NO. 1	28 MAR. 1983

Northwest District Court  
 Wabash Avenue  
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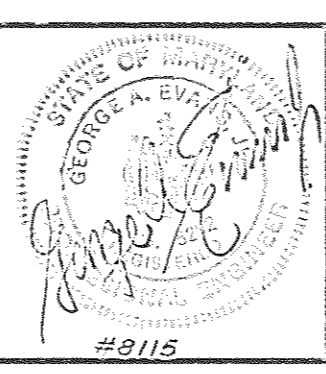
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 BUJ/JGPA 8104  
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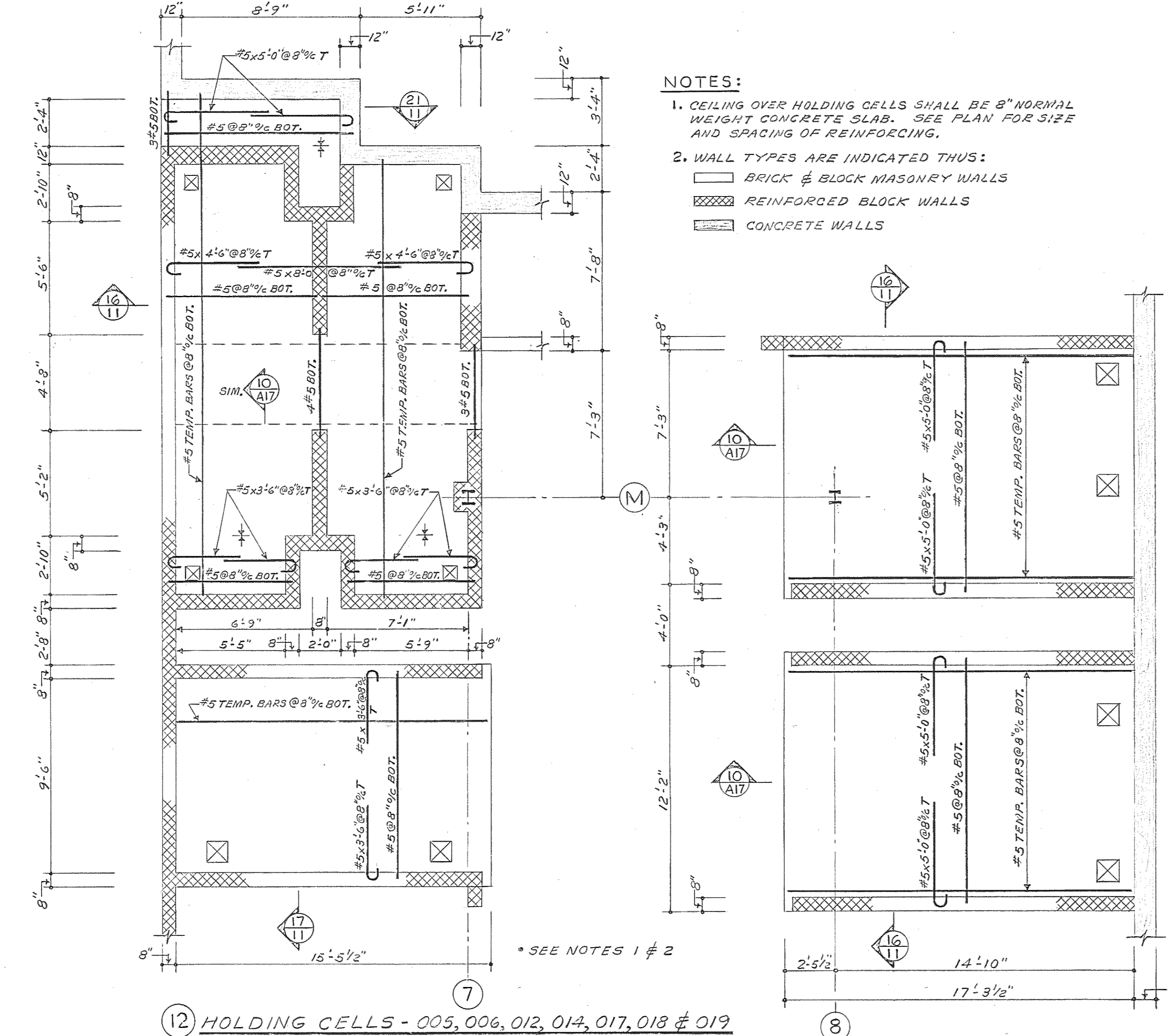
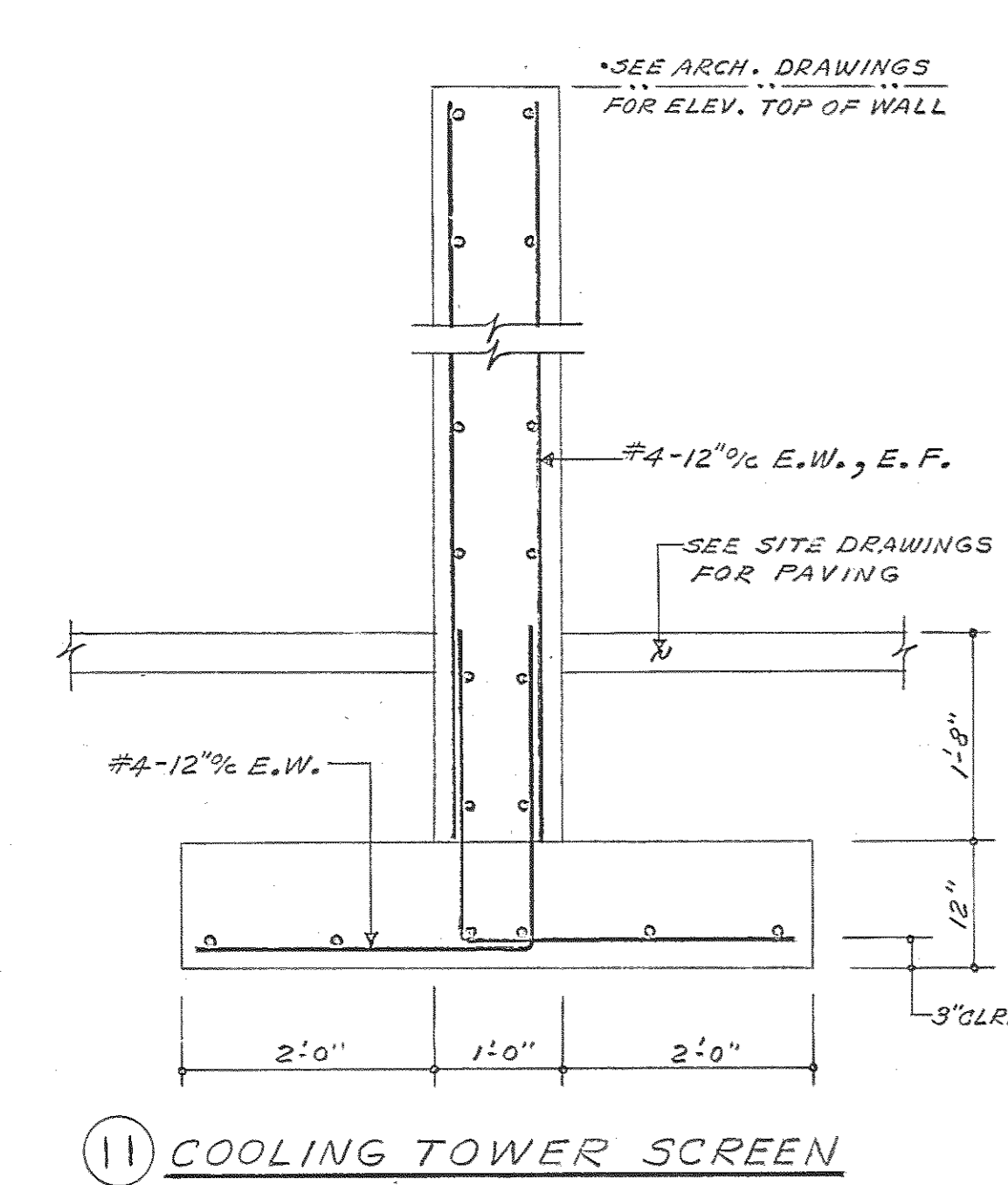
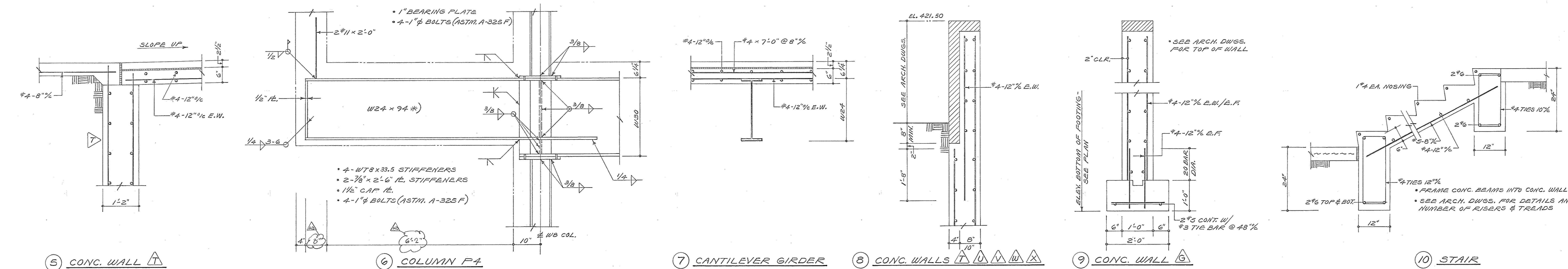
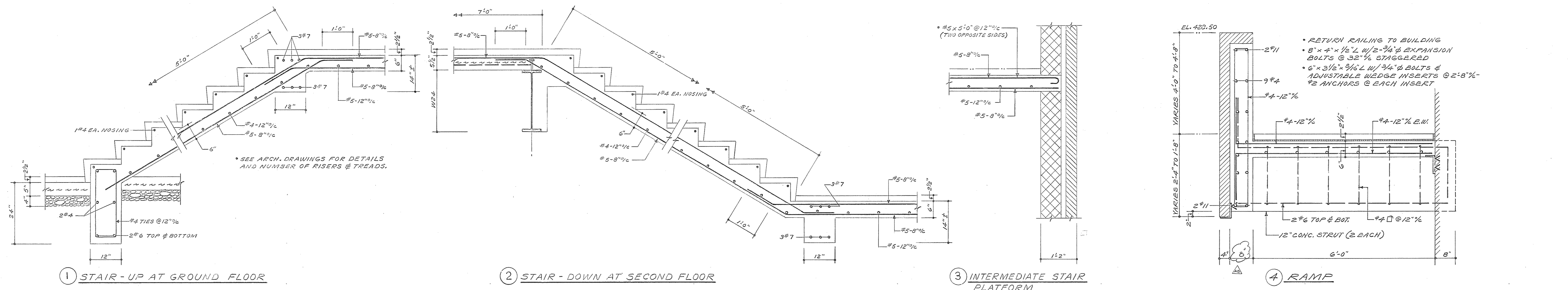
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USING AGENCY APPROVAL  
 Robert B. Sirota  
 DEPARTMENT OF GENERAL SERVICES  
 PROJECT ADMINISTRATOR  
 DATE 3/1/83  
 TITLE DIRECTOR, ENGR. & CONST. DATE 3/1/83

REVISIONS	
REVISION NO. 1	28 MAR. 1983
AS BUILT REVISIONS	5-5-86

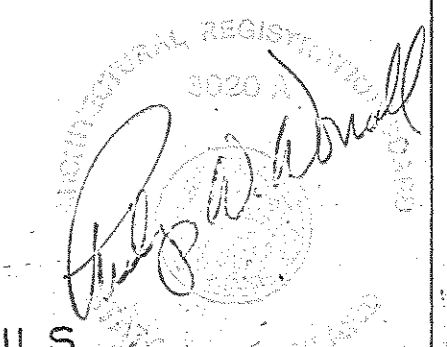
Northwest District Court  
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 BWJ/GSPA 8104  
 DATE: 20 JAN. 1983  
 FILE NO. 84 DUB. NO. 392



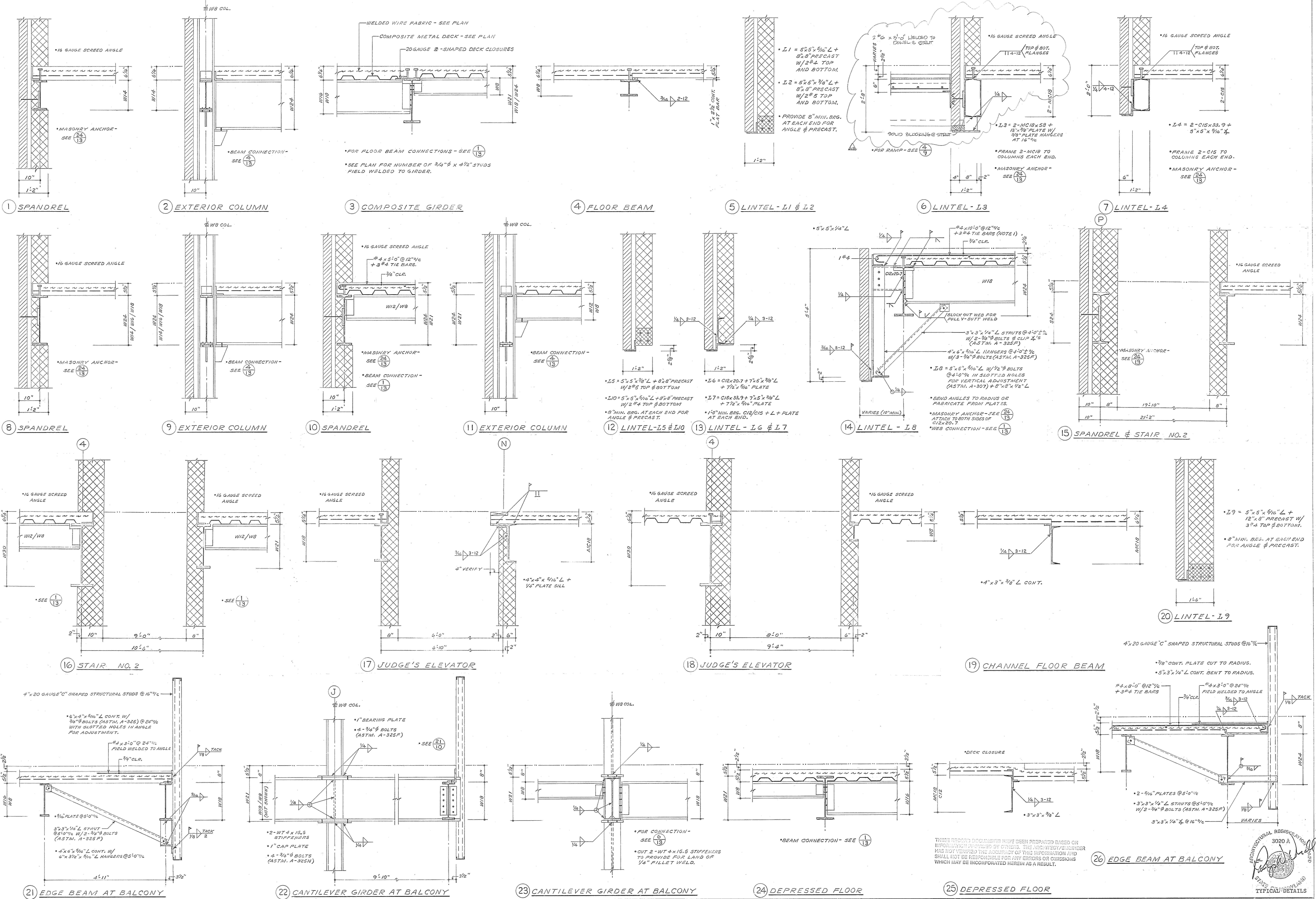
NOTES:

- CEILING OVER HOLDING CELLS SHALL BE 8" NORMAL WEIGHT CONCRETE SLAB. SEE PLAN FOR SIZE AND SPACING OF REINFORCING.
- WALL TYPES ARE INDICATED THUS:
  - BRICK & BLOCK MASONRY WALLS
  - REINFORCED BLOCK WALLS
  - CONCRETE WALLS

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Browne, Worrall & Johnson/Gutwein-Guenther Professional Association A Joint Venture 2435 North Calvert Street Baltimore, Maryland 21218		USING AGENCY APPROVAL <i>Robert B. Sweet</i> ADMINISTRATOR, MSC 3/29/83 DATE		DEPARTMENT OF GENERAL SERVICES PROJECT ADMINISTRATOR DATE		REVISIONS REVISION NO. 1 28 MAR. 1983 AS BUILT REVISIONS 5-9-86		Northwest District Court Wabash Avenue Baltimore, Maryland		DRAWING NO. BC-0900-751-003 <b>S-9</b> BWJ/G6PA 8104 DATE: 20 JAN. 1983	
Daft-McCune-Walker, Inc. 530 EAST JOPPA ROAD TOWSON, MARYLAND 21284		George Evans & Associates, Inc. 130 WEST HAMILTON STREET BALTIMORE, MARYLAND 21201		Moore/Lewis Inc. 2435 NORTH CALVERT STREET BALTIMORE, MARYLAND 21218		TITLE DATE		DIRECTOR, ENGR. & CONST. DATE		TYPICAL DETAILS	

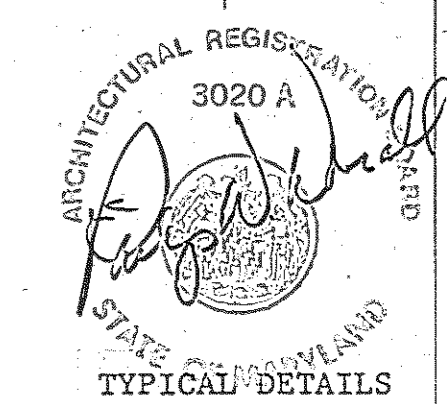


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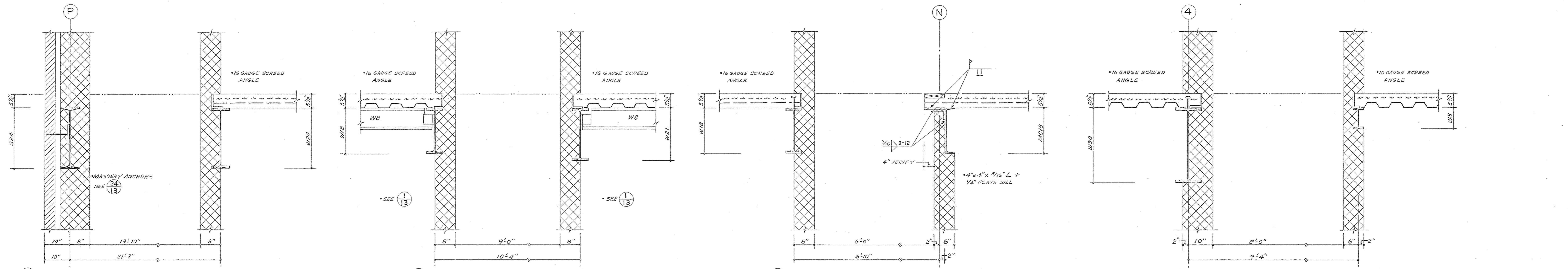
USING AGENCY APPROVAL  
 Robert B. Swart  
 DEPARTMENT OF GENERAL SERVICES  
 PROJECT ADMINISTRATOR  
 DATE 3/18/83  
 DATE 3/18/83

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REVISION NO. 1	28 MAR. 1983
NO BUILT REVISIONS	5-5-86

Northwest District Court  
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 DATE: 20 JAN. 1983  
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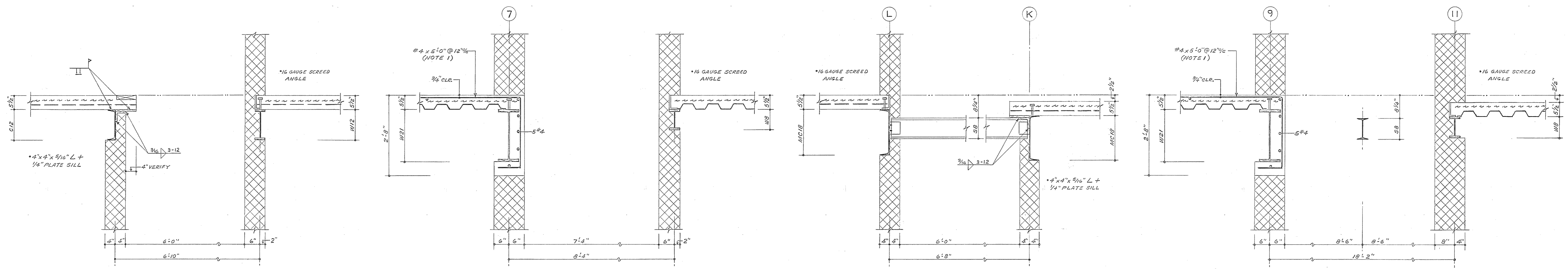


1 SPANDREL @ STAIRS NO. 2 & NO. 3

2 STAIR NO. 3

3 JUDGE'S ELEVATOR

4 JUDGE'S ELEVATOR

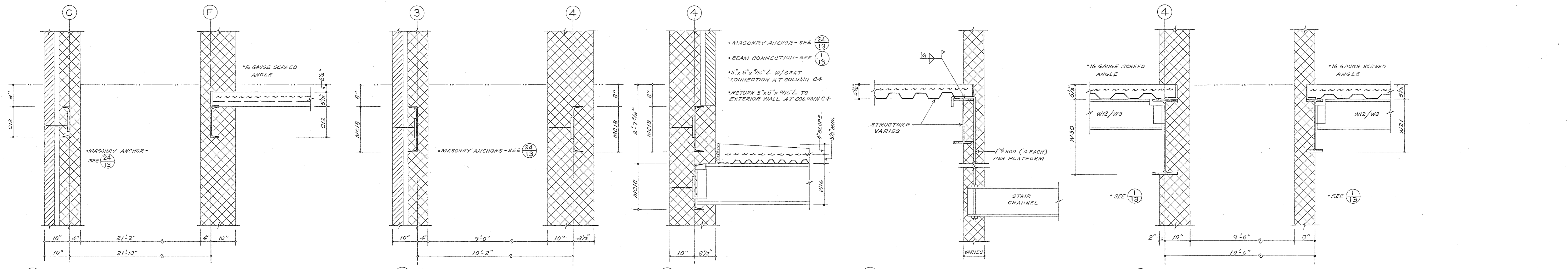


5 PRISONER'S ELEVATOR

6 PRISONER'S ELEVATOR

7 ELEVATORS NO. 1 & NO. 2

8 ELEVATORS NO. 1 & NO. 2



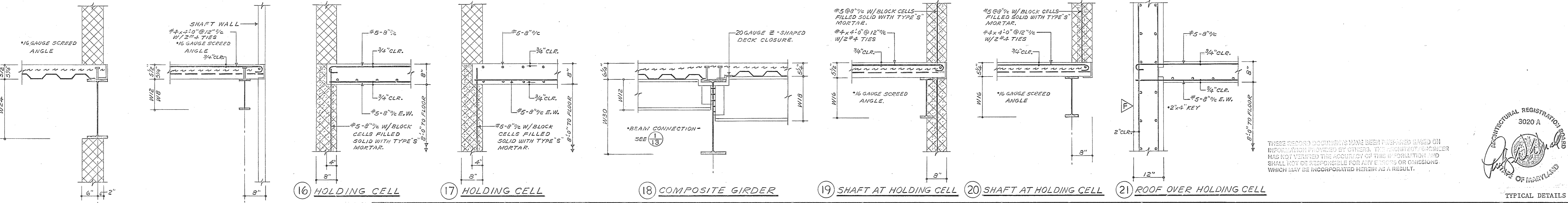
9 SPANDREL AT STAIR NO. 1

10 STAIR NO. 1

11 LOW ROOF AT STAIR NO. 1

12 TYP. SUSPENDED STAIR PLATFORM

13 STAIR NO. 2



14 MECHANICAL SHAFT

15 MECHANICAL SHAFT

16 HOLDING CELL

17 HOLDING CELL

18 COMPOSITE GIRDER

19 SHAFT AT HOLDING CELL

20 SHAFT AT HOLDING CELL

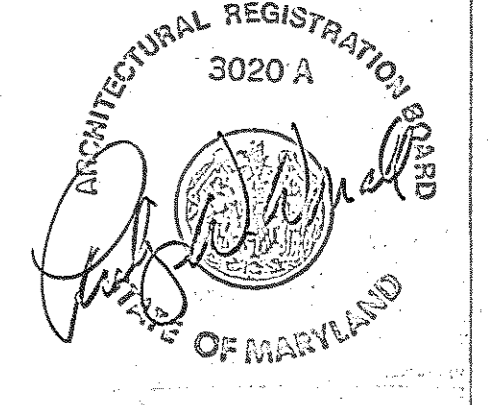
21 ROOF OVER HOLDING CELL

Browne, Worrall & Johnson/Gutwein-Guenther Professional Association  
 A Joint Venture  
 2435 North Calvert Street  
 Baltimore, Maryland 21218  
 Daft-McCune-Walker, Inc. George Evans & Associates, Inc. Moore/Lewis Inc.  
 530 EAST JOPPA ROAD 130 WEST HAMILTON STREET 2435 NORTH CALVERT STREET  
 TOWSON, MARYLAND 21284 BALTIMORE, MARYLAND 21201 BALTIMORE, MARYLAND 21218

USING AGENCY APPROVAL  
 Robert B. Smith  
 DEPARTMENT OF GENERAL SERVICES  
 PROJECT ADMINISTRATOR  
 DATE 3/21/83  
 TITLE  
 DATE 3/21/83

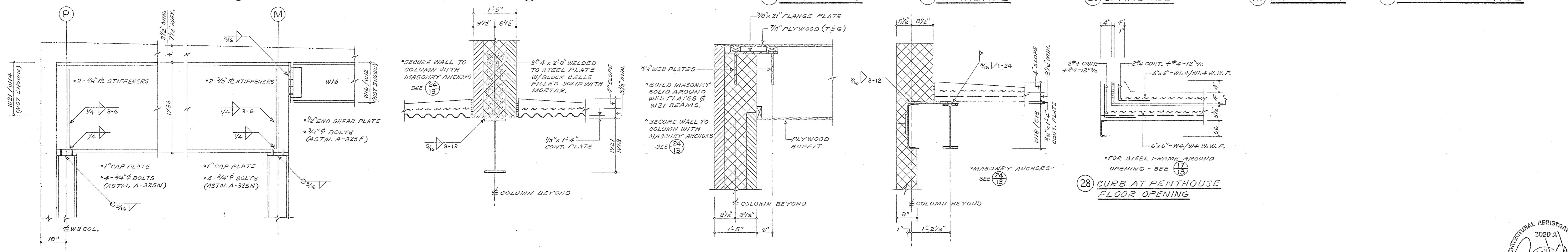
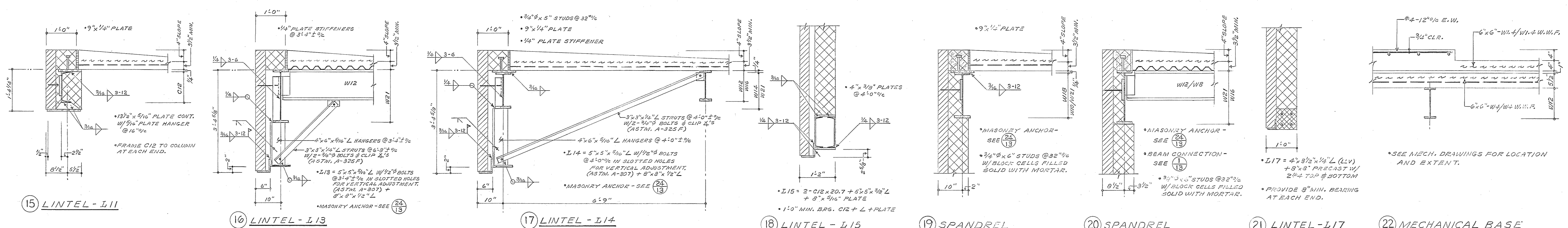
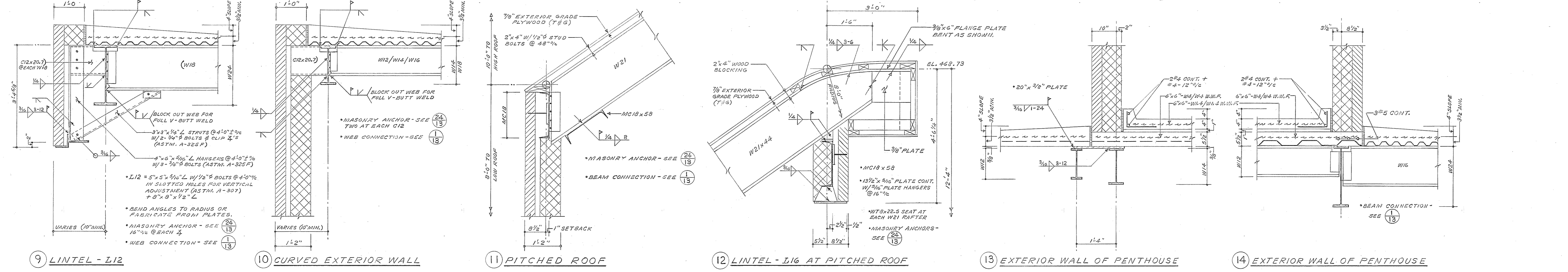
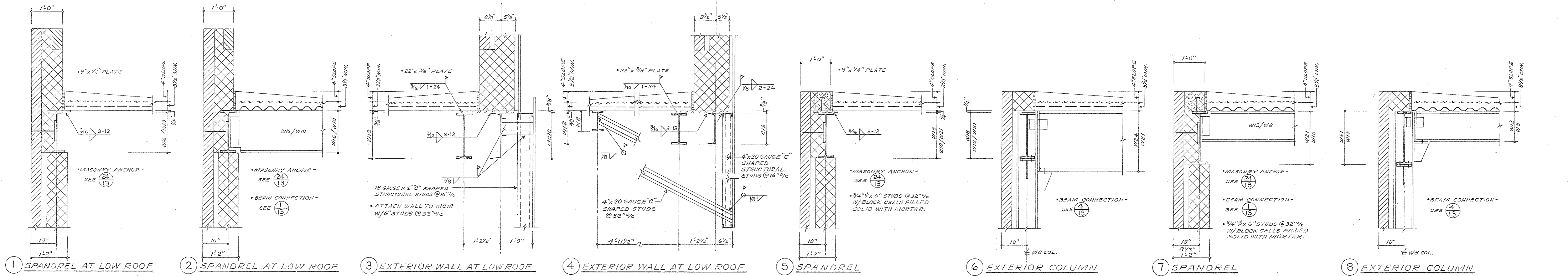
REVISIONS	
REVISION NO. 1	23 MAR. 1983
AS BUILT REVISIONS	9-19-86

Northwest District Court  
 Wabash Avenue  
 Baltimore, Maryland  
 DRAWING NO. BC-000-751-0617  
**S-11**  
 BWJ/GGA 8104  
 DATE: 20 JAN. 1983

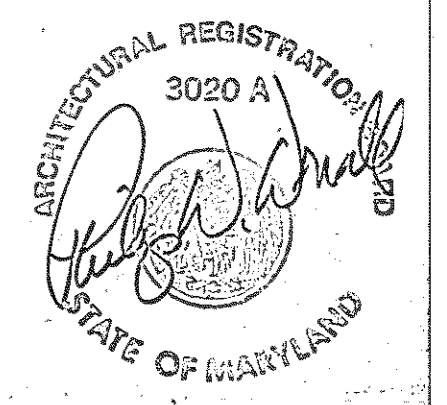


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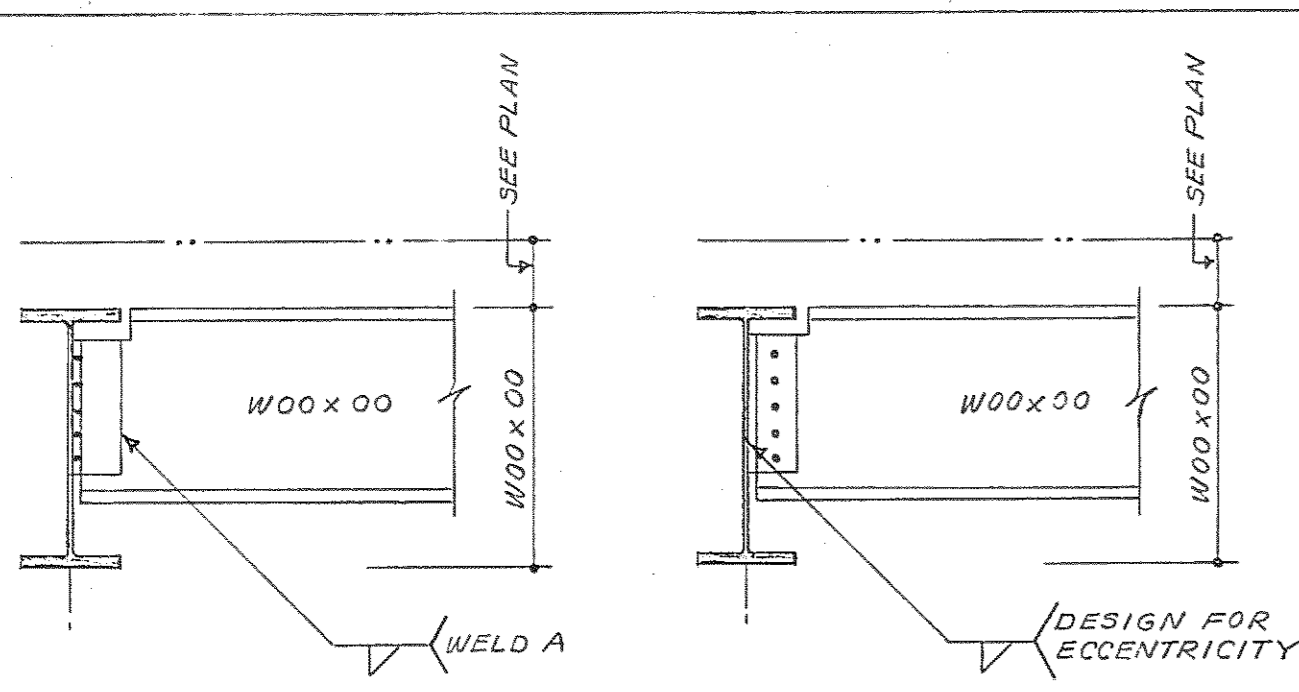




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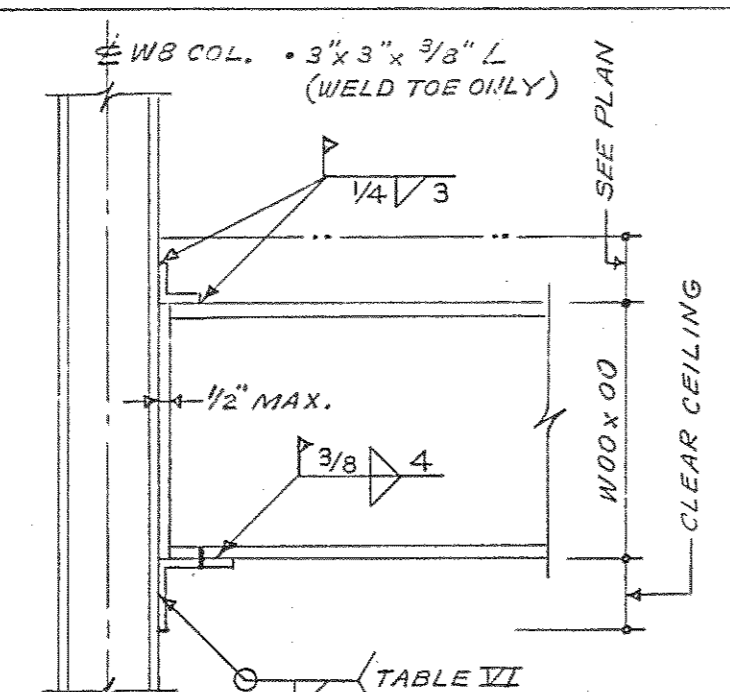


Browne, Worrall & Johnson/Gutwein-Guenther Professional Association 2435 North Calvert Street Baltimore, Maryland 21218		USING AGENCY APPROVAL <i>Robert B. Ford</i> ADMINISTRATOR, WSC 3/1/83		DEPARTMENT OF GENERAL SERVICES PROJECT ADMINISTRATOR DATE 3/31/83		REVISIONS REVISION NO. 1 28 MAR. 1983 AS BUILT REVISIONS 05 86		Northwest District Court Wabash Avenue Baltimore, Maryland		DRAWING NO. BC-000-751-001 <b>S-12</b> BWJ/GFA 8104 DATE: 20 JAN. 1983	
Daft-McCune-Walker, Inc. 530 EAST JOPPA ROAD TOWSON, MARYLAND 21204		George Evans & Associates, Inc. 150 WEST HAMILTON STREET BALTIMORE, MARYLAND 21201		Moore/Lewis Inc. 2435 NORTH CALVERT STREET BALTIMORE, MARYLAND 21218		TITLE DATE 3/1/83		DIRECTOR, ENGR. & CONST. DATE 3/1/83		FILE NO. 84 - DWG. NO. 396	

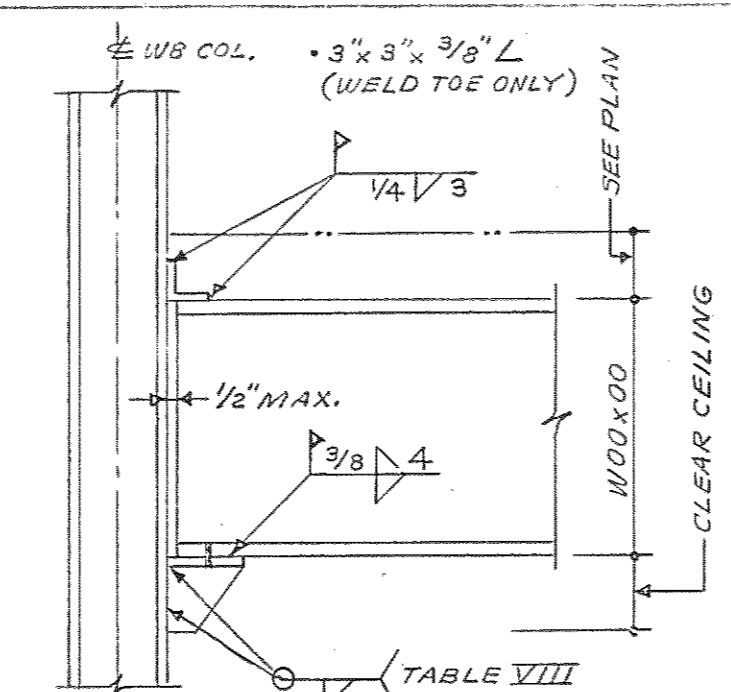


**1** FRAMED BEAM CONNECTIONS TABLES II & III (A.I.S.C.)  
 • 3/4"  $\phi$  FIELD BOLTS (ASTM A-325F)  
 • SHOP WELDS - E70XX ELECTRODES

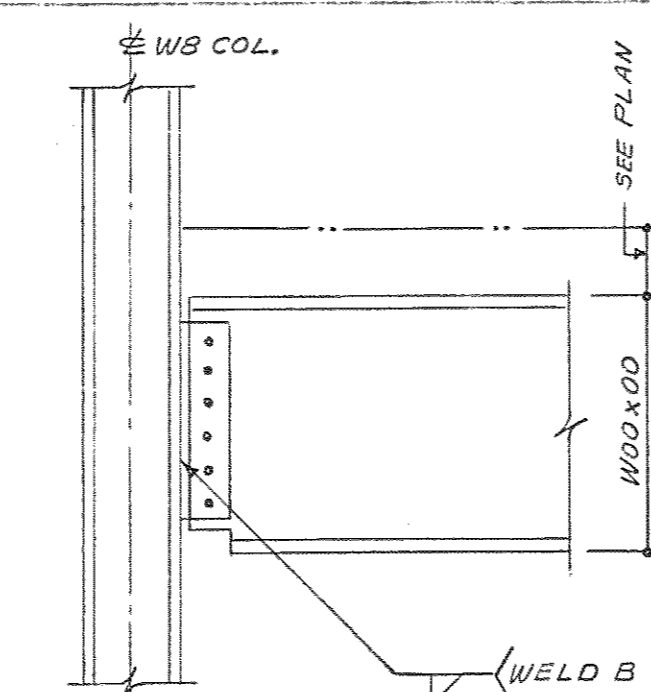
**2** ONE SIDED FRAMED BEAM CONNECTIONS  
 • 3/4"  $\phi$  FIELD BOLTS (ASTM A-325F OR A-325X)  
 • SHOP WELDS - E70XX ELECTRODES



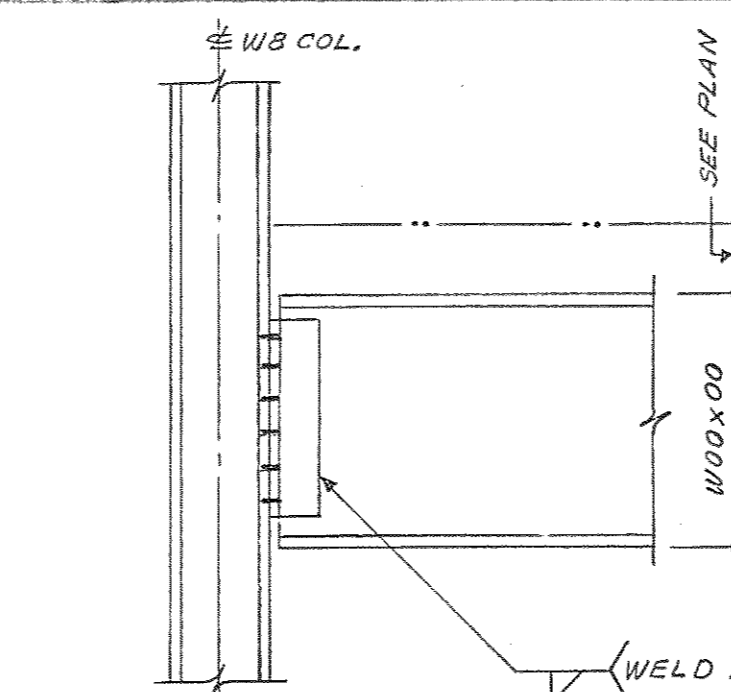
**3** SEATED BEAM CONNECTIONS TABLE VII (A.I.S.C.)  
 • 2-3/4"  $\phi$  ERECTION BOLTS (ASTM A-307)  
 • SHOP  $\phi$  FIELD WELDS - E70XX ELECTRODES  
 • WEB SEATS SIMILAR  
 • WHERE REQUIRED USE STIFFENED SEATED BEAM CONNECTIONS.



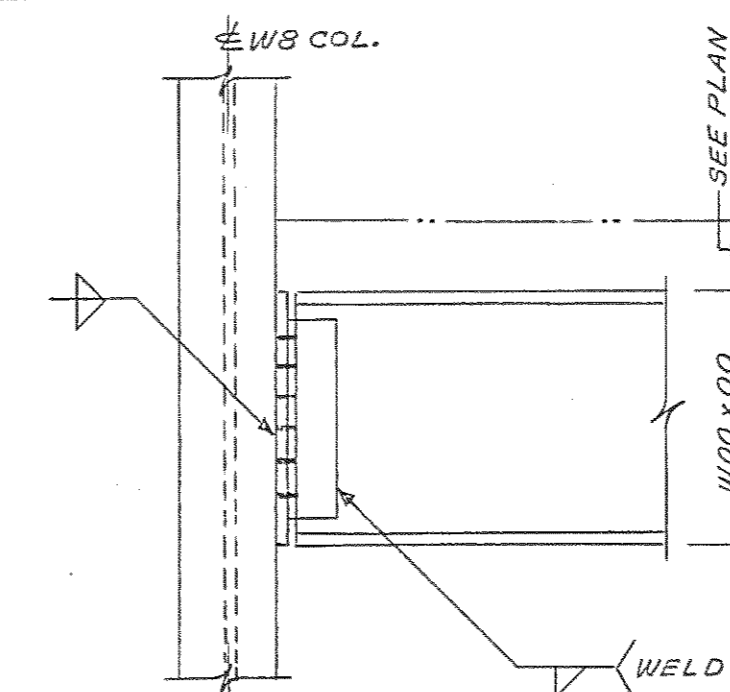
**4** STIFFENED SEATED BEAM CONNECTIONS TABLE VIII (A.I.S.C.)  
 • 2-3/4"  $\phi$  ERECTION BOLTS (ASTM A-307)  
 • SHOP  $\phi$  FIELD WELDS - E70XX ELECTRODES  
 • WEB SEATS SIMILAR



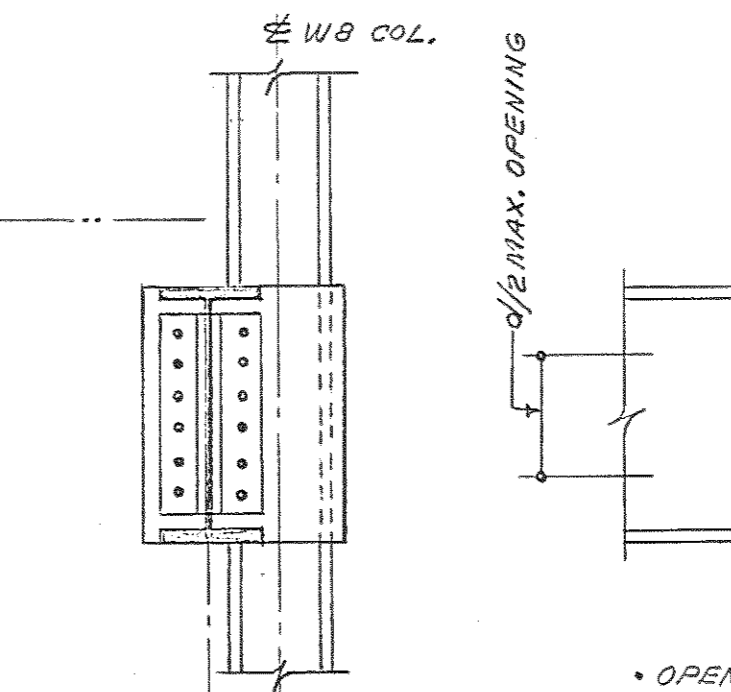
**5** FRAMED BEAM CONNECTIONS TABLES II & III (A.I.S.C.)  
 • 3/4"  $\phi$  FIELD BOLTS (ASTM A-325F)  
 • SHOP WELDS - E70XX ELECTRODES  
 • WEB CONNECTIONS SIMILAR



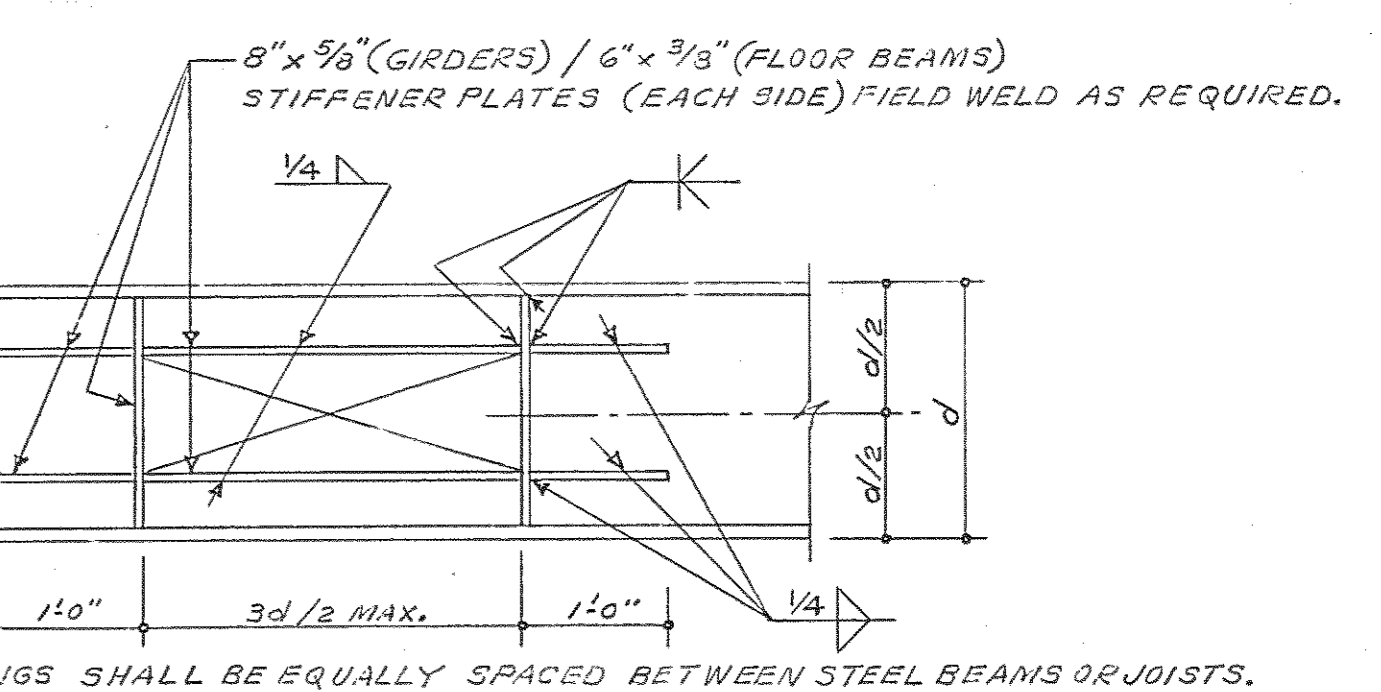
**6** FRAMED BEAM CONNECTIONS TABLES II & III (A.I.S.C.)  
 • 3/4"  $\phi$  FIELD BOLTS (ASTM A-325F)  
 • SHOP WELDS - E70XX ELECTRODES  
 • WEB CONNECTIONS SIMILAR



**7** ECCENTRIC BEAM TO COLUMN CONNECTIONS TABLES II & III (A.I.S.C.)  
 • 3/4"  $\phi$  FIELD BOLTS (ASTM A-325F)  
 • SHOP WELDS - E70XX ELECTRODES



**8** TYP. DETAIL FOR SLOTS IN BEAMS  
 • OPENINGS SHALL BE EQUALLY SPACED BETWEEN STEEL BEAMS OR JOISTS.  
 • END OF STIFFENER SHALL CLEAR STEEL BEAMS OR JOISTS BY 12" MIN. AND CLEAR COLUMNS BY 30" MIN.  
 • PROVIDE SLOTS IN BEAMS FOR PIPES, DUCTS AND OTHER SIMILAR MECHANICAL WORK.  
 • PIPE SLEEVES MAY BE USED WITH THE APPROVAL OF THE ENGINEER.  
 • SEE ARCHITECTURAL AND MECHANICAL DRAWINGS FOR SIZE AND LOCATION OF OPENINGS.



**8** TYP. DETAIL FOR SLOTS IN BEAMS  
 • OPENINGS SHALL BE EQUALLY SPACED BETWEEN STEEL BEAMS OR JOISTS.  
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 • PIPE SLEEVES MAY BE USED WITH THE APPROVAL OF THE ENGINEER.  
 • SEE ARCHITECTURAL AND MECHANICAL DRAWINGS FOR SIZE AND LOCATION OF OPENINGS.

**1** BEAM TO BEAM CONNECTIONS

**2** BEAM TO BEAM CONNECTIONS

**3** BEAM TO COLUMN CONNECTIONS

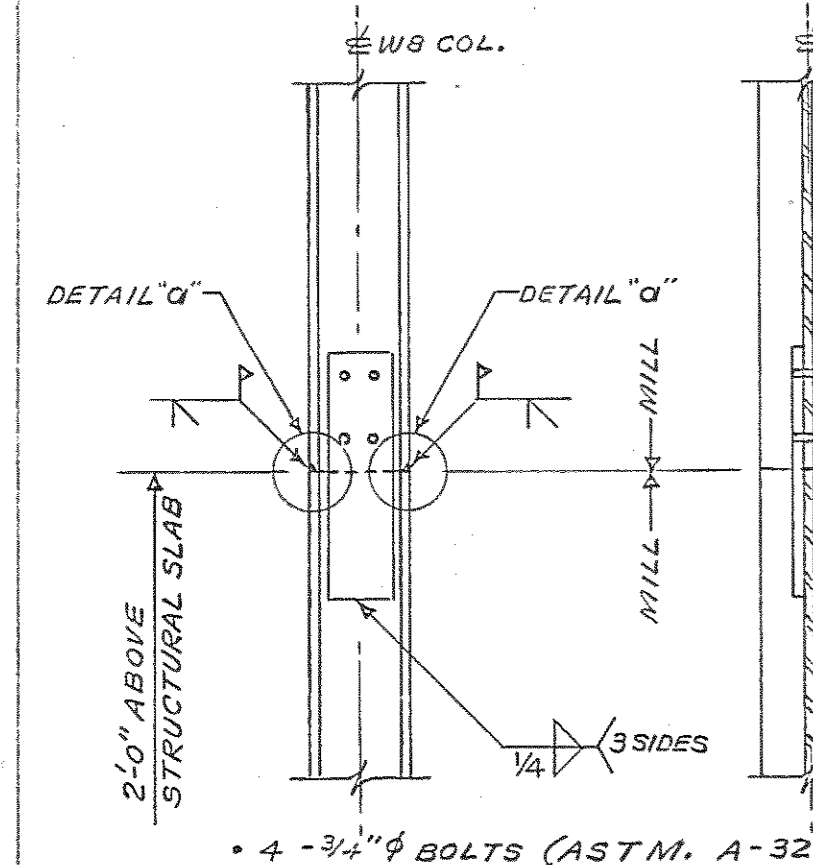
**4** GIRDER TO COLUMN CONNECTIONS

**5** BEAM TO COLUMN CONNECTIONS

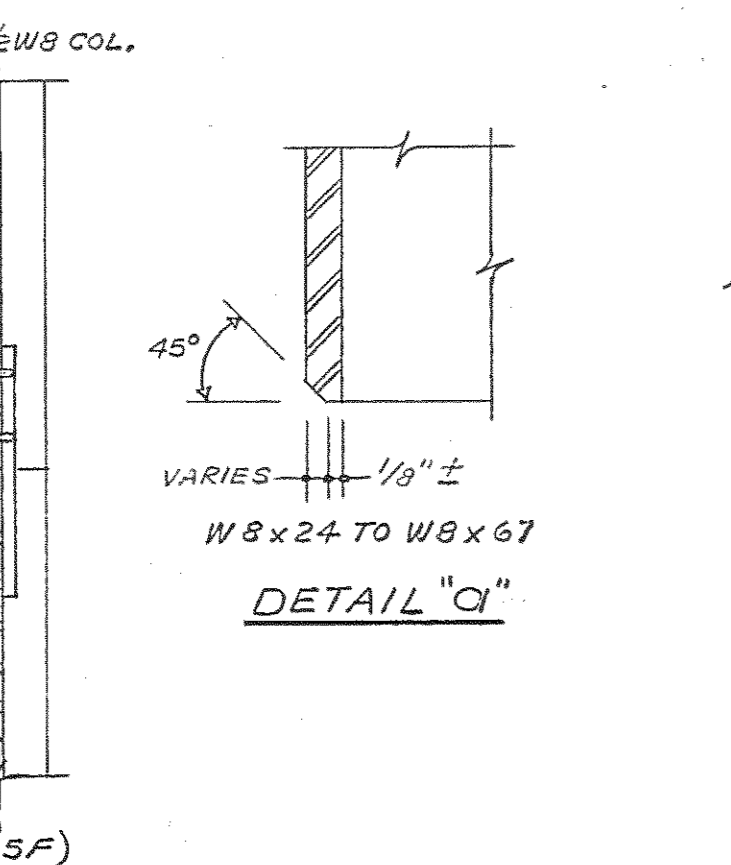
**6** BEAM TO COLUMN CONNECTIONS

**7** ECCENTRIC BEAM TO COLUMN CONNECTIONS

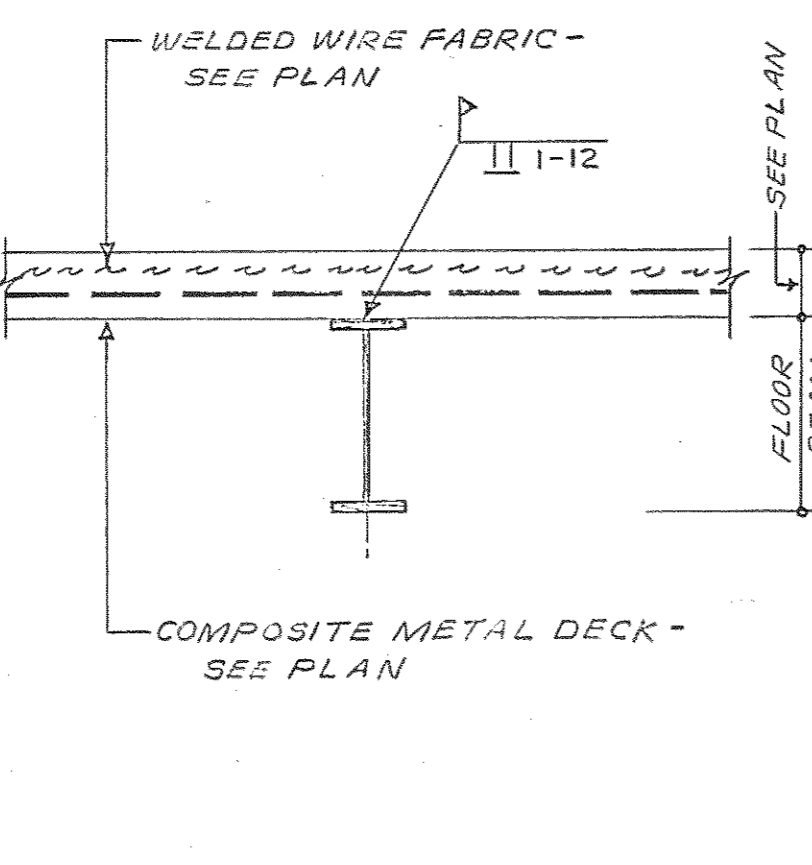
**8** TYP. DETAIL FOR SLOTS IN BEAMS



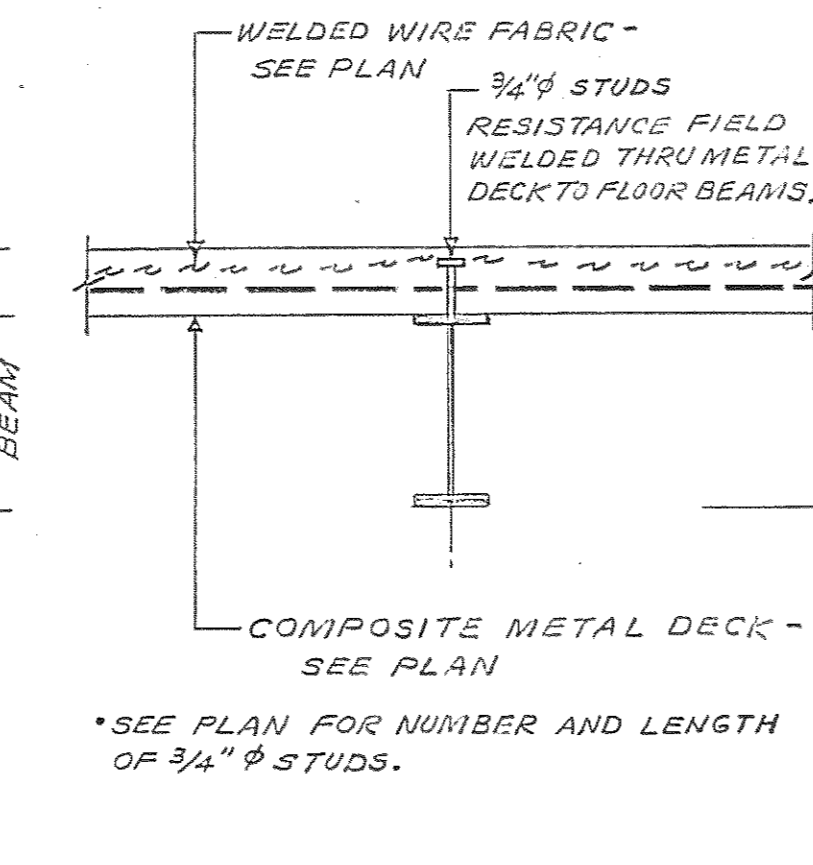
**9** TYPICAL W8 COLUMN SPLICE  
 • 4-3/4"  $\phi$  BOLTS (ASTM A-325F)  
 • 2-3/8" PLATES  
 • PROVIDE FILL PLATES AS REQUIRED.



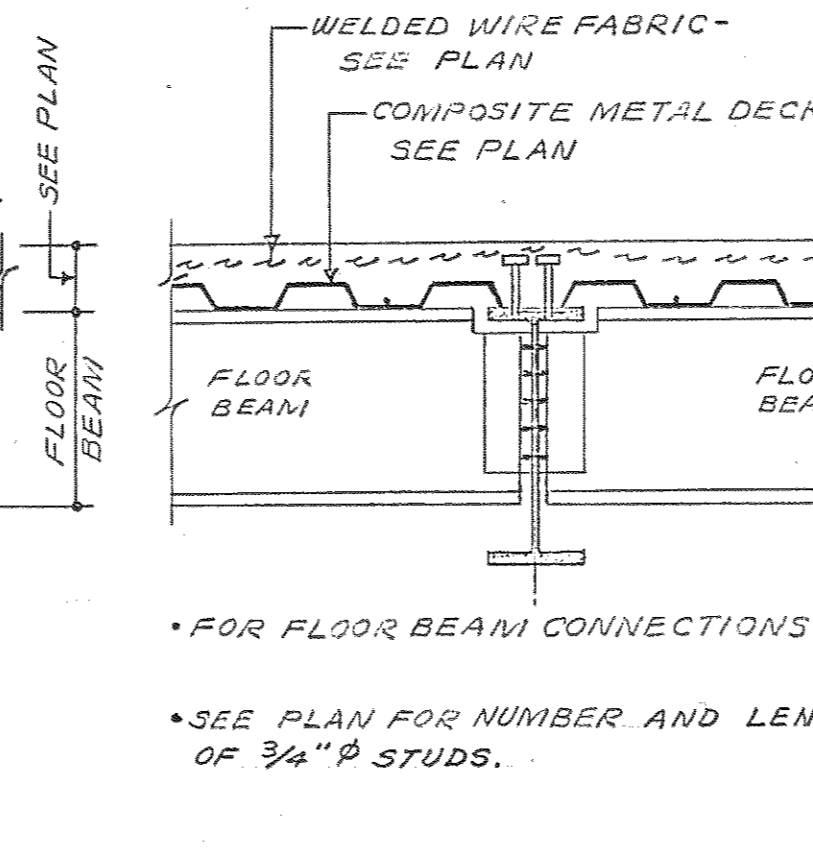
**10** COMPOSITE FLOOR SLAB  
 • WELDED WIRE FABRIC - SEE PLAN  
 • 3/4"  $\phi$  STUDS RESISTANCE FIELD WELDED THROUGH METAL DECK TO FLOOR BEAMS.  
 • COMPOSITE METAL DECK - SEE PLAN



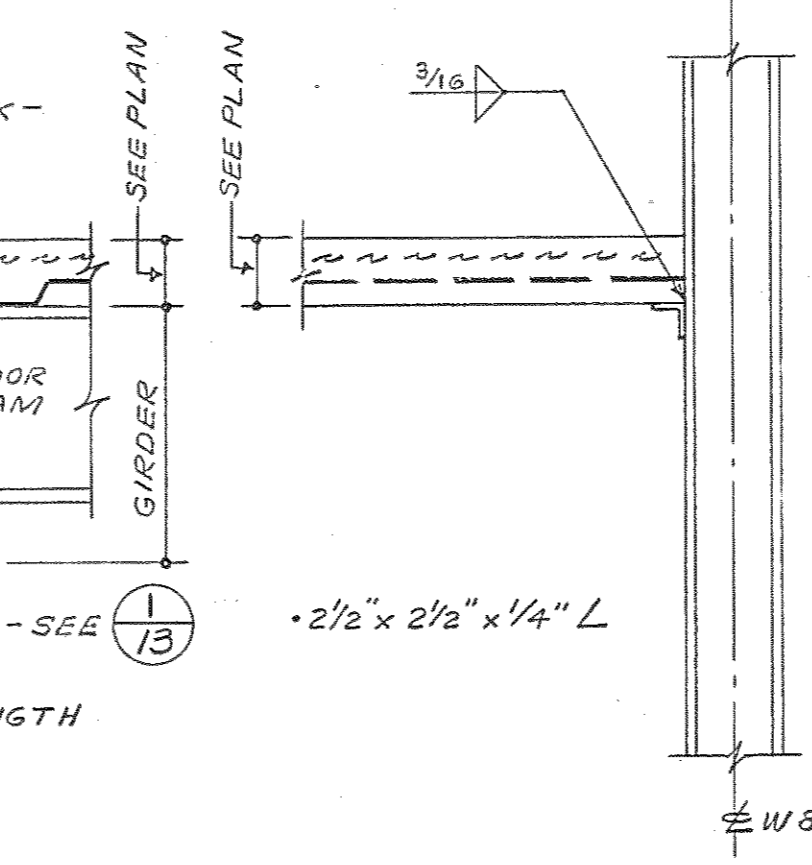
**11** COMPOSITE BEAM  
 • WELDED WIRE FABRIC - SEE PLAN  
 • 3/4"  $\phi$  STUDS RESISTANCE FIELD WELDED THROUGH METAL DECK TO FLOOR BEAMS.  
 • COMPOSITE METAL DECK - SEE PLAN



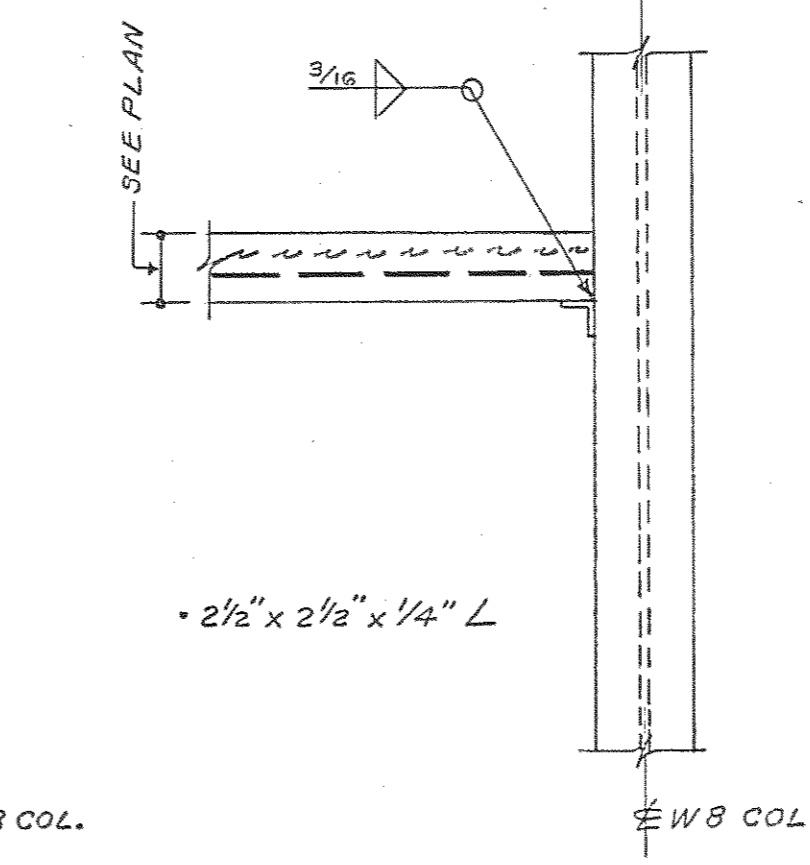
**12** COMPOSITE GIRDER  
 • WELDED WIRE FABRIC - SEE PLAN  
 • COMPOSITE METAL DECK - SEE PLAN  
 • FOR FLOOR BEAM CONNECTIONS - SEE 13



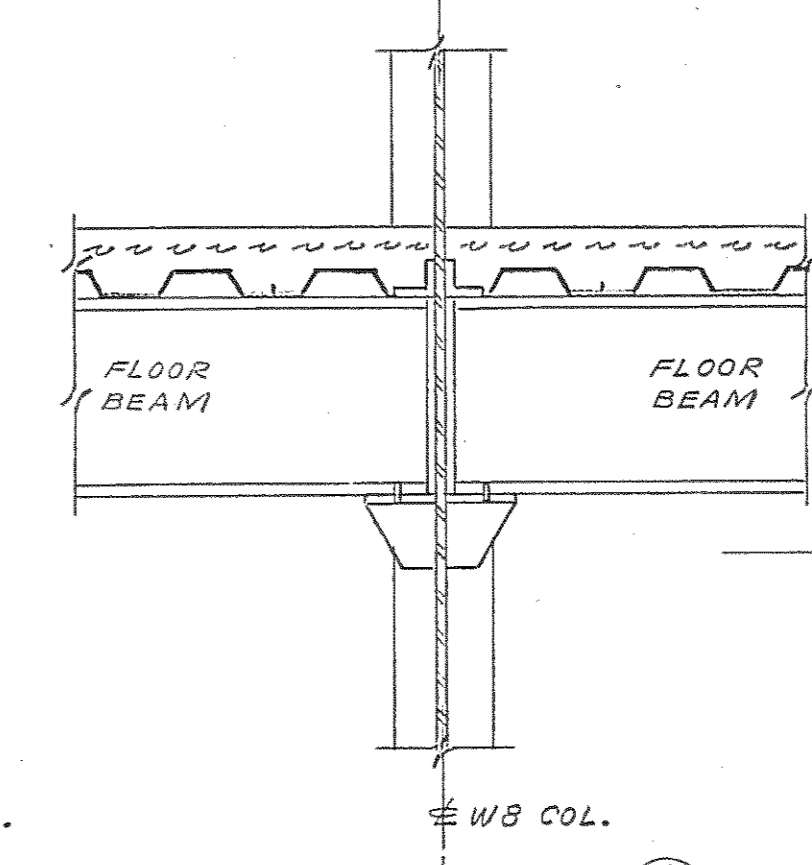
**13** SUPPORT FOR METAL DECK AT COLUMN  
 • 2 1/2" x 2 1/2" x 1/4" L  
 • SEE PLAN FOR NUMBER AND LENGTH OF 3/4"  $\phi$  STUDS.



**14** INTERIOR COLUMN DECK AT COLUMN  
 • 2 1/2" x 2 1/2" x 1/4" L  
 • SEE PLAN FOR NUMBER AND LENGTH OF 3/4"  $\phi$  STUDS.



**15** INTERIOR COLUMN DECK AT COLUMN  
 • 2 1/2" x 2 1/2" x 1/4" L  
 • SEE PLAN FOR NUMBER AND LENGTH OF 3/4"  $\phi$  STUDS.



**16** INTERIOR COLUMN DECK AT COLUMN  
 • 2 1/2" x 2 1/2" x 1/4" L  
 • SEE PLAN FOR NUMBER AND LENGTH OF 3/4"  $\phi$  STUDS.

**9** TYPICAL W8 COLUMN SPLICE

**10** COMPOSITE FLOOR SLAB

**11** COMPOSITE BEAM

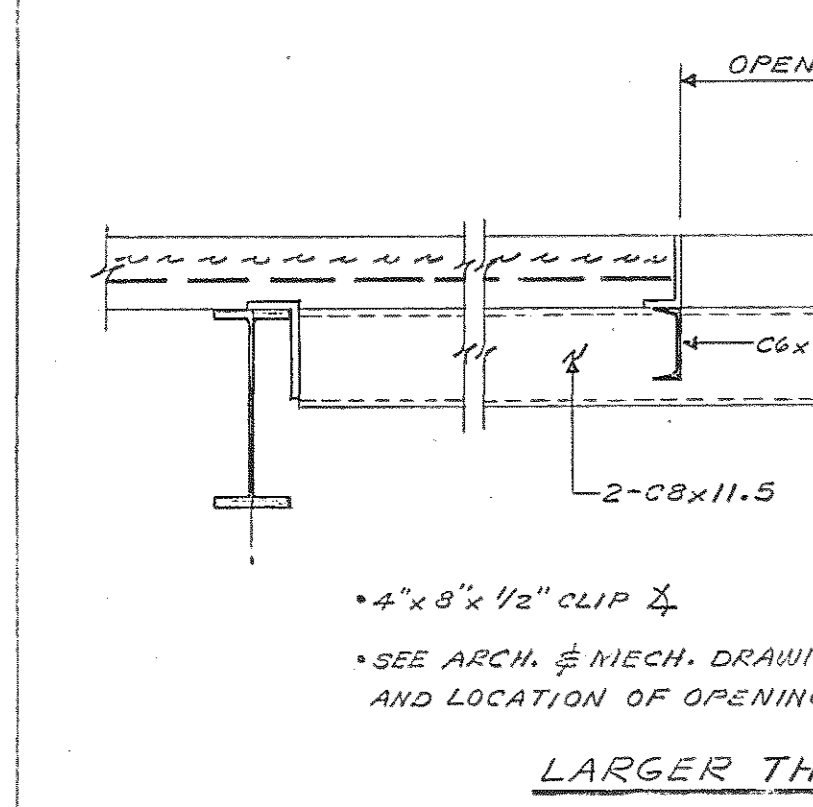
**12** COMPOSITE GIRDER

**13** SUPPORT FOR METAL DECK AT COLUMN

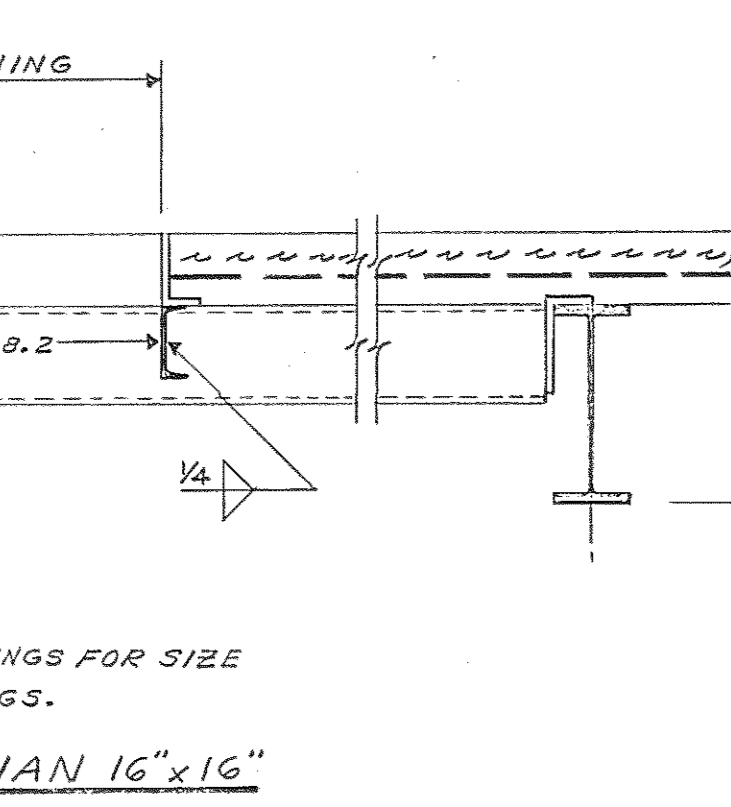
**14** INTERIOR COLUMN DECK AT COLUMN

**15** INTERIOR COLUMN DECK AT COLUMN

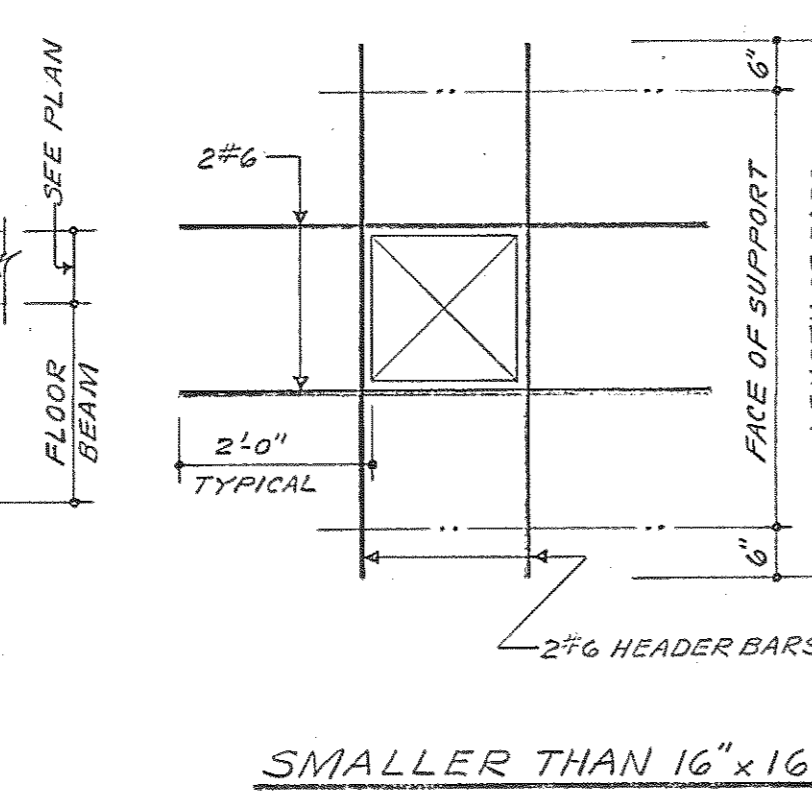
**16** INTERIOR COLUMN DECK AT COLUMN



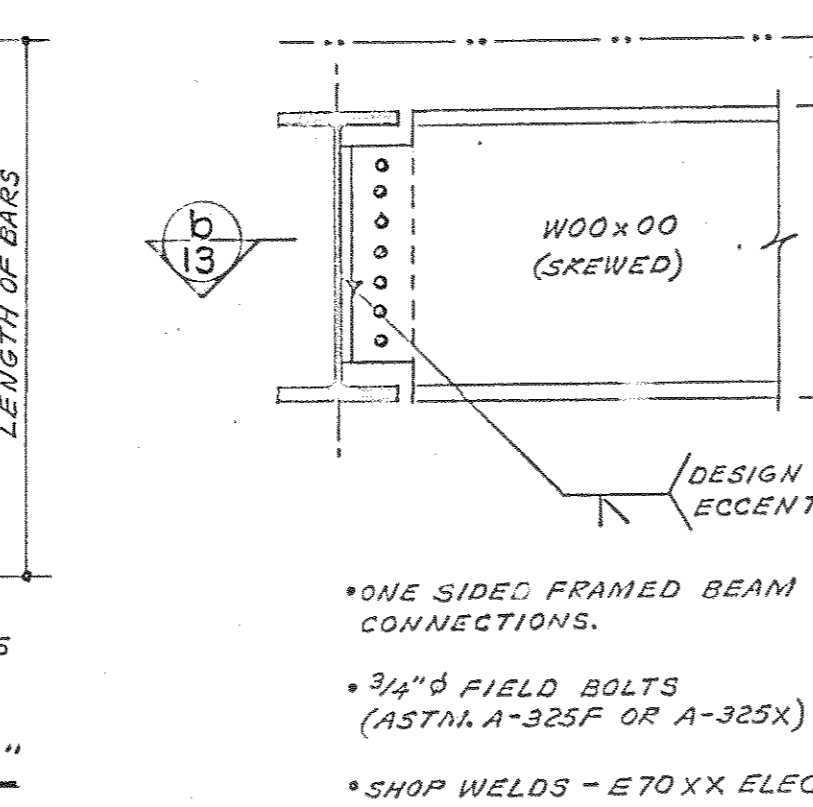
**17** OPENING IN COMPOSITE CONCRETE SLAB  
 • 4" x 8" x 1/2" CLIP  
 • SEE ARCH. & MECH. DRAWINGS FOR SIZE AND LOCATION OF OPENINGS.  
 • LARGER THAN 16" x 16"



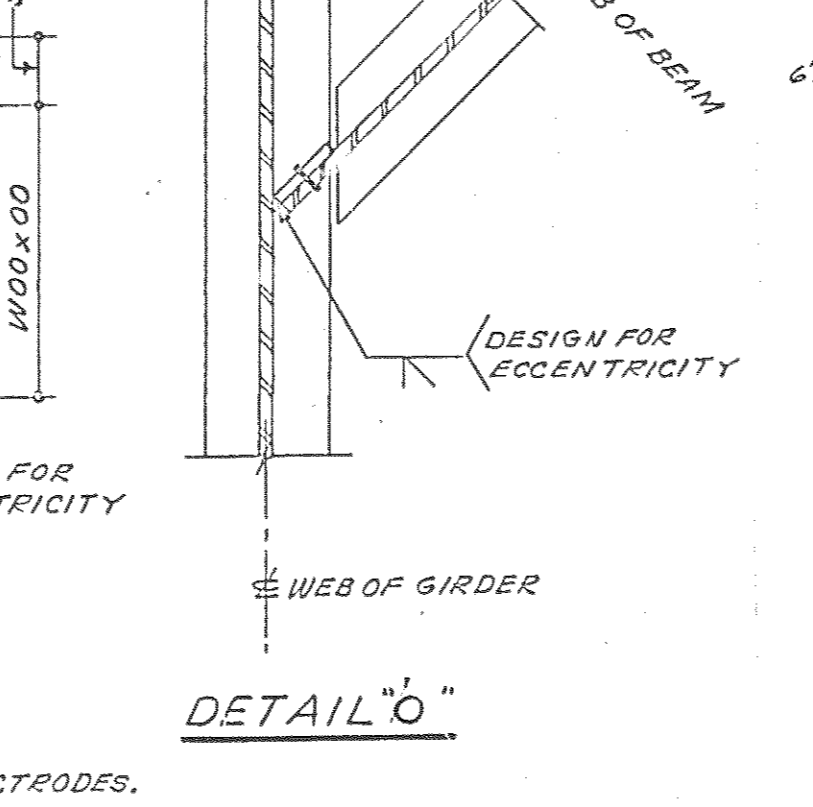
**18** SKEWED BEAM CONNECTIONS  
 • ONE SIDED FRAMED BEAM CONNECTIONS.  
 • 3/4"  $\phi$  FIELD BOLTS (ASTM A-325F OR A-325X)  
 • SHOP WELDS - E70XX ELECTRODES.



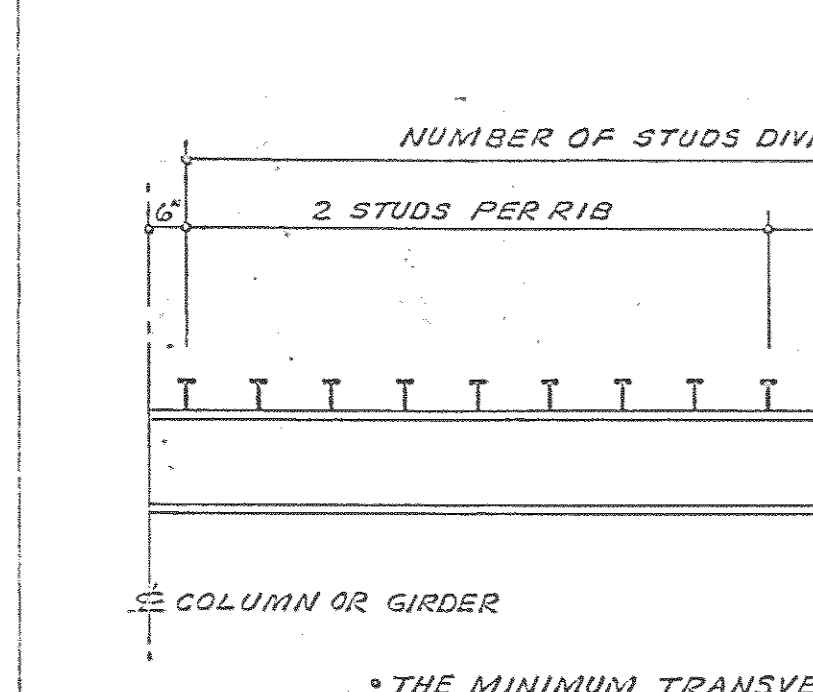
**19** ROOF OPENING DETAIL  
 • 4-3/8"  $\phi$  BOLTS (ASTM A-325N)  
 • 2-1/2" STIFFENER PLATES  
 • UNIT TO BE SHOP ASSEMBLED AND FIELD WELDED TO BEAMS



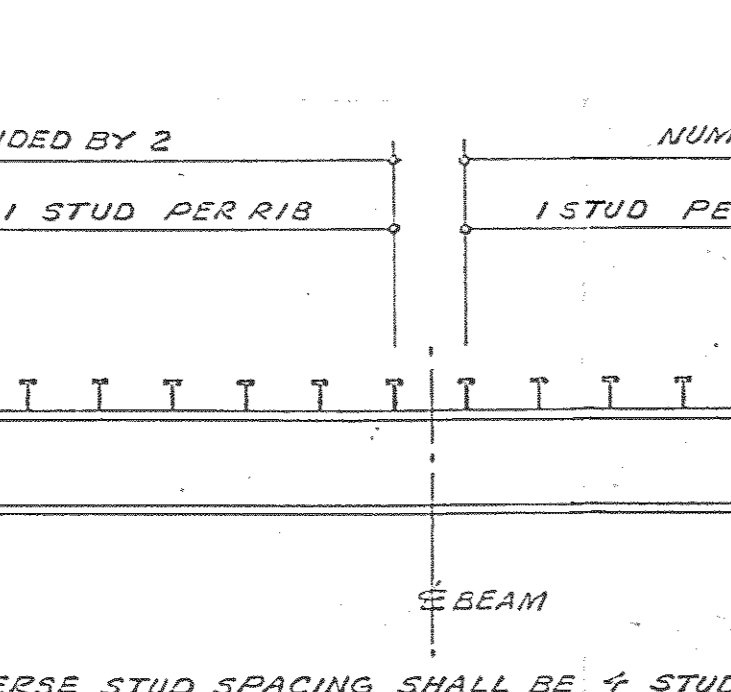
**20** PENTHOUSE POSTS  
 • 3/4" BEG. PLATE  
 • 4-3/8"  $\phi$  BOLTS (ASTM A-325N)  
 • 2-1/2" STIFFENER PLATES



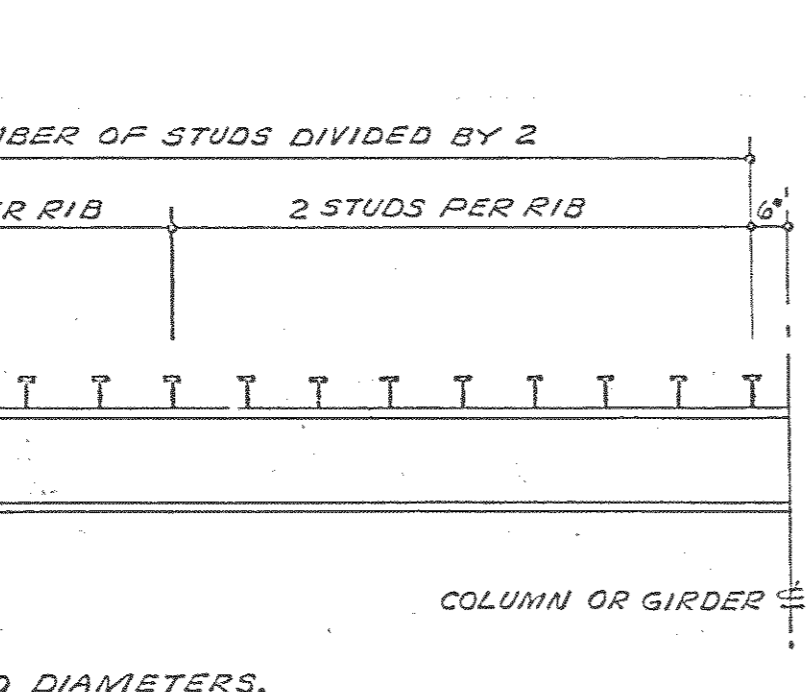
**21** TYP. BEARING PLATE  
 • 2" SETBACK  
 • BP1 = 6" x 3/4" x 1'-4"  
 • BP2 = 6" x 3/4" x 1'-0"  
 • 1"  $\pm$  GROUT  
 • 2-3/4"  $\phi$  x 1'-6" ANCHOR BOLTS.  
 • BP3 = 6" x 3/4" x 0'-10"  
 • BP4 = 6" x 3/4" x 1'-0"



**22** STUD PLACEMENT WITH DECK RIBS ORIENTED PERPENDICULAR TO STEEL BEAM OR GIRDER  
 • THE MINIMUM TRANSVERSE STUD SPACING SHALL BE 4 STUD DIAMETERS.



**23** STUD PLACEMENT WITH DECK RIBS ORIENTED PARALLEL TO STEEL BEAM OR GIRDER  
 • THE MINIMUM TRANSVERSE STUD SPACING SHALL BE 4 STUD DIAMETERS.



**24** CHANNEL SLOT & CORRUGATED ANCHOR  
 • PROVIDE MASONRY ANCHORS SHOWN ABOVE ON ALL SPANDREL BEAMS @ 24"  $\phi$  HORIZ. AND ALL COLS. @ 16"  $\phi$  VERT.  
 • CHANNEL SLOTS SHALL BE MADE OF 11 GAUGE GALVANIZED STEEL.  
 • CORRUGATED ANCHORS SHALL BE MADE OF 16 GAUGE x 1/4" GALVANIZED CORRUGATED STEEL.

**22** STUD PLACEMENT WITH DECK RIBS ORIENTED PERPENDICULAR TO STEEL BEAM OR GIRDER

**23** STUD PLACEMENT WITH DECK RIBS ORIENTED PARALLEL TO STEEL BEAM OR GIRDER

**24** CHANNEL SLOT & CORRUGATED ANCHOR

PLACEMENT OF SHEAR CONNECTORS (STUDS) ON COMPOSITE BEAM OR GIRDER

PLACEMENT OF SHEAR CONNECTORS (STUDS) ON COMPOSITE BEAM OR GIRDER

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PLACEMENT OF SHEAR CONNECTORS (STUDS) ON COMPOSITE BEAM OR GIRDER

**19** ROOF OPENING DETAIL

**20** PENTHOUSE POSTS

**21** TYP. BEARING PLATE

**22** STUD PLACEMENT WITH DECK RIBS ORIENTED PERPENDICULAR TO STEEL BEAM OR GIRDER

**23** STUD PLACEMENT WITH DECK RIBS ORIENTED PARALLEL TO STEEL BEAM OR GIRDER

**24** CHANNEL SLOT & CORRUGATED ANCHOR

**25** SUPPORT FOR TOILET PARTITIONS

**26** SUPPORT FOR TOILET PARTITIONS

**25** SUPPORT FOR TOILET PARTITIONS

**26** SUPPORT FOR TOILET PARTITIONS

**25** SUPPORT FOR TOILET PARTITIONS

**26** SUPPORT FOR TOILET PARTITIONS

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**26** SUPPORT FOR TOILET PARTITIONS

Browne, Worrall & Johnson/Gutwein-Guenther Professional Association  
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 2435 North Calvert Street  
 Baltimore, Maryland 21218

Daft-McCune-Walker, Inc. 530 EAST JOPPA ROAD TOWSON, MARYLAND 21204

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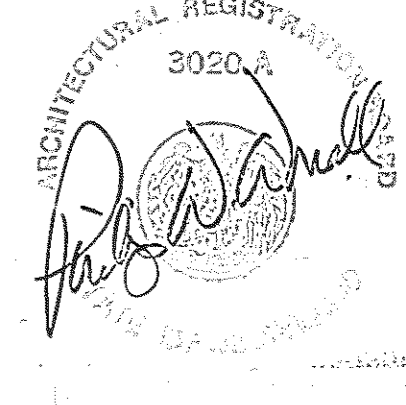
USING AGENCY APPROVAL  
 Robert B. Small  
 PROJECT ADMINISTRATOR  
 DATE 3/31/83

DEPARTMENT OF GENERAL SERVICES  
 PROJECT ADMINISTRATOR  
 DATE 3/31/83

REVISIONS  
 REVISION NO. 1 28 MAR. 1983  
 AS BUILT PENENTIONS 15 D 20

Northwest District Court  
 Wabash Avenue  
 Baltimore, Maryland

DRAWING NO.  
 BC-000-751-001  
 S-13  
 B/W/GGFA 9104  
 DATE: 27 JAN. 1983



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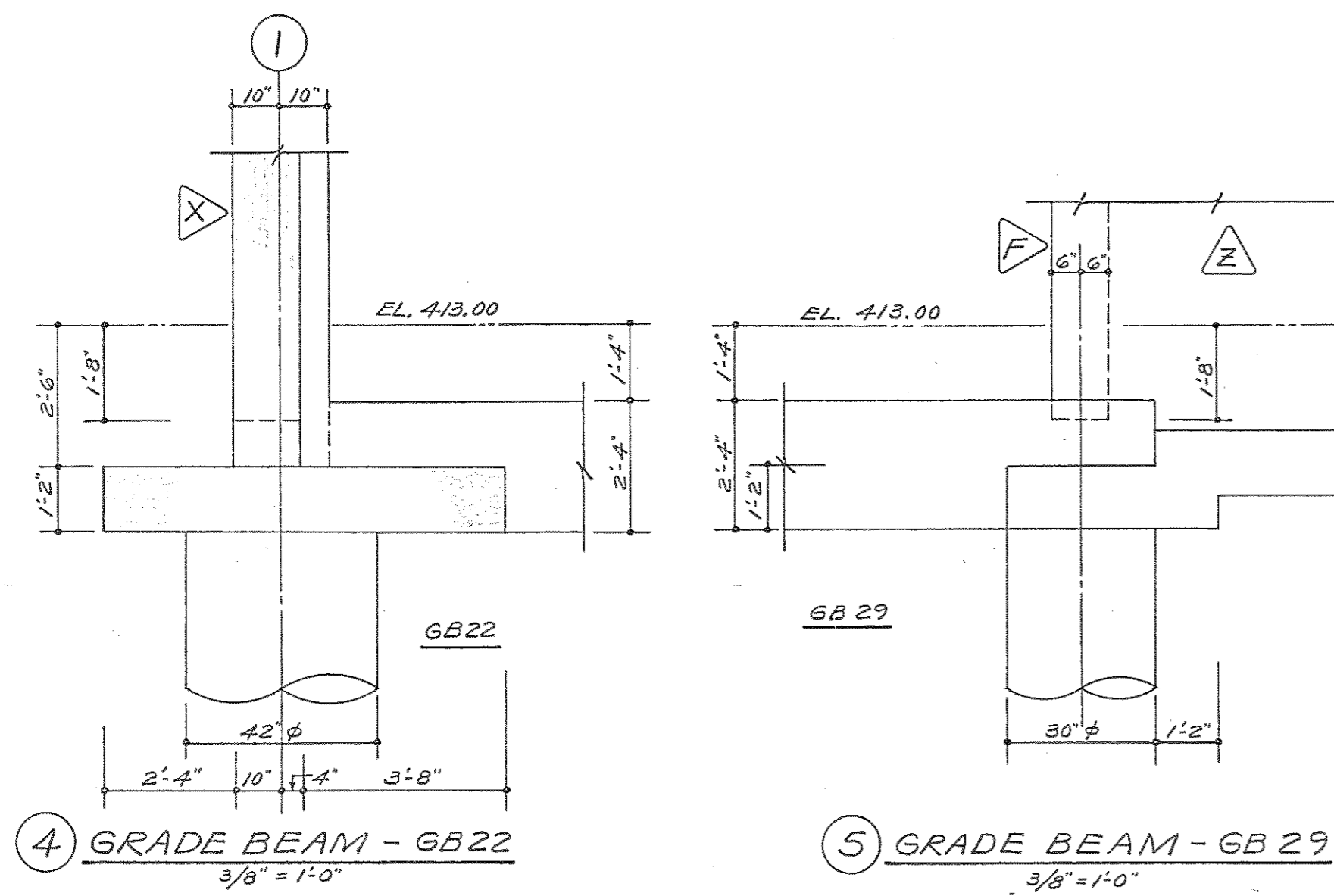
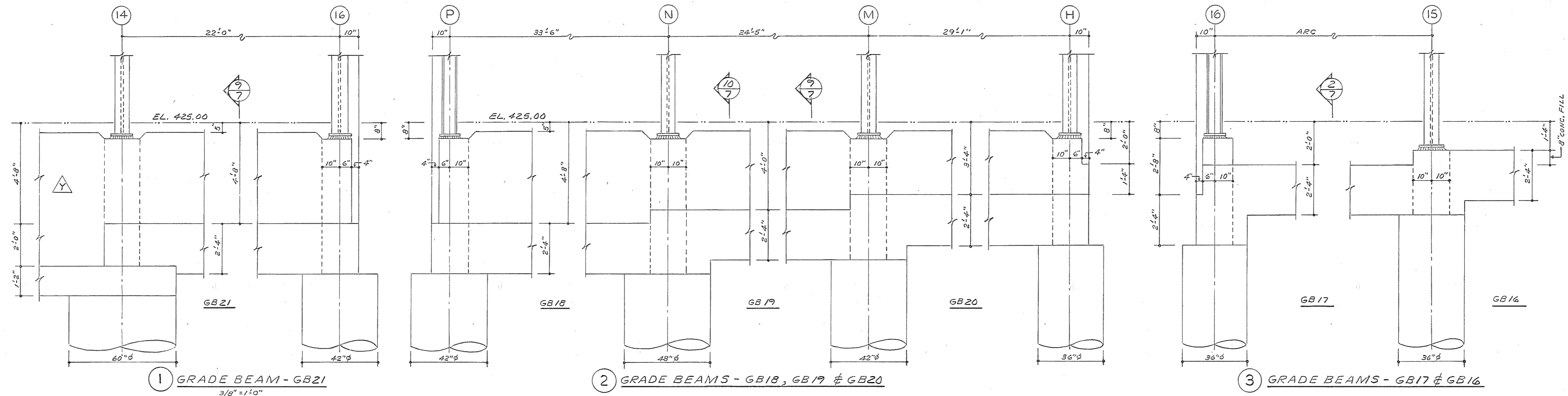


COLUMN SCHEDULE ALTERNATE NO. 1

COL. NOS LEVEL	A4	A5	A6	A7	A8	B4	B5	B6	B7	B8	B9	C3	C4	C9	C10	D5	D6	D7	D8	D9	E12	F3	F4	G14	G15	H16	J1	J2	J4	J5	J6	J7	J8	J9	K11	K13	K5	K6					
PEDESTAL	20" x 20" 4#9	20" x 20" 4#9	20" x 20" 4#9	20" x 20" 4#9	20" x 20" 4#9	20" x 20" 4#9				20" x 20" 4#9	20" x 20" 4#9	20" x 20" 4#9	20" x 20" 4#9	20" x 20" 4#9	20" x 20" 4#9					20" x 20" 4#9	20" x 20" 4#9	20" x 20" 4#9	20" x 20" 4#9	20" x 20" 4#9	20" x 20" 4#9	20" x 20" 4#9	16" x 16" 4#8	20" x 20" 4#9	20" x 20" 4#9	20" x 20" 4#9	20" x 20" 4#9	20" x 20" 4#9	20" x 20" 4#9				16" x 20" 4#9						
ELEV. TOP OF CAISSON	421.33	421.33	421.33	421.33	421.33	421.33	424.33	424.33	424.33	421.33	421.33	411.33	411.33	421.33	421.33	424.33	424.33	424.33	424.33	421.33	421.33	411.33	411.33	421.33	420.67	419.33	411.33	411.33	411.33	411.33	411.33	424.33	424.33	424.33	419.50	424.33							
CAISSON	36" φ	36" φ	36" φ	36" φ	36" φ	36" φ	30" φ	30" φ	30" φ	36" φ	36" φ	36" φ	42" φ	36" φ	42" φ	30" φ	30" φ	30" φ	36" φ	30" φ	42" φ	36" φ	36" φ	42" φ	36" φ	36" φ	42" φ	48" φ	54" φ	60" φ	54" φ	48" φ	48" φ	48" φ	36" φ	30" φ							

COL. NOS LEVEL	K,7	K,8	L11	M1	M2	M4	M5	M6	M7	M8	M9	M10	M13	M16	N1	N2	N4	N5	N6	N7	N8	N9	N10	N13	N16	N,5	N,6	N,7	N,8	P1	P2	P4	P5	P6	P7	P8	P9	P10				
PEDESTAL			16" x 20" 4#9	20" x 20" 4#9										16" x 20" 4#9	20" x 20" 4#9		20" x 24" 4#10								16" x 20" 4#9									20" x 16" 4#9	20" x 20" 4#9	20" x 20" 4#9	20" x 20" 4#9	20" x 20" 4#9	20" x 20" 4#9	20" x 20" 4#9	20" x 16" 4#9	20" x 16" 4#9
ELEV. TOP OF CAISSON			419.50	411.33	411.67	411.67	411.67	412.33	412.33	412.33	424.33	424.33	424.33	418.67	411.33	411.67	407.50	412.33	412.33	412.33	412.33	424.33	424.33	424.33	418.00							409.33	409.33	409.33	409.33	409.33	409.33	409.33	409.33	410.00	412.00	
CAISSON			30" φ	48" φ	42" φ	54" φ	54" φ	54" φ	66" φ	66" φ	42" φ	36" φ	42" φ	42" φ	48" φ	42" φ	60" φ	54" φ	54" φ	60" φ	60" φ	42" φ	42" φ	36" φ	48" φ					42" φ	54" φ	66" φ	60" φ	60" φ	60" φ	60" φ	54" φ	36" φ	48" φ			

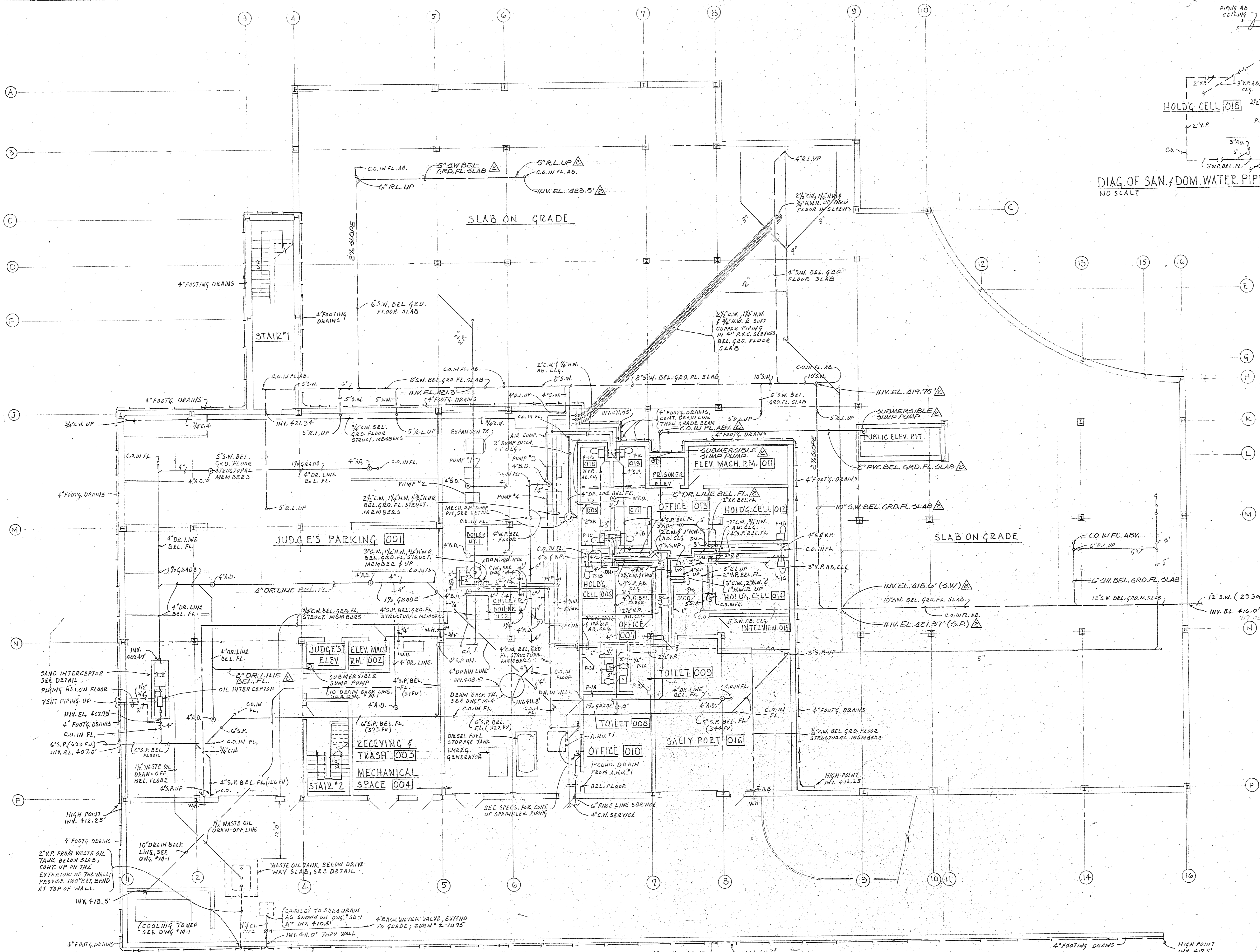
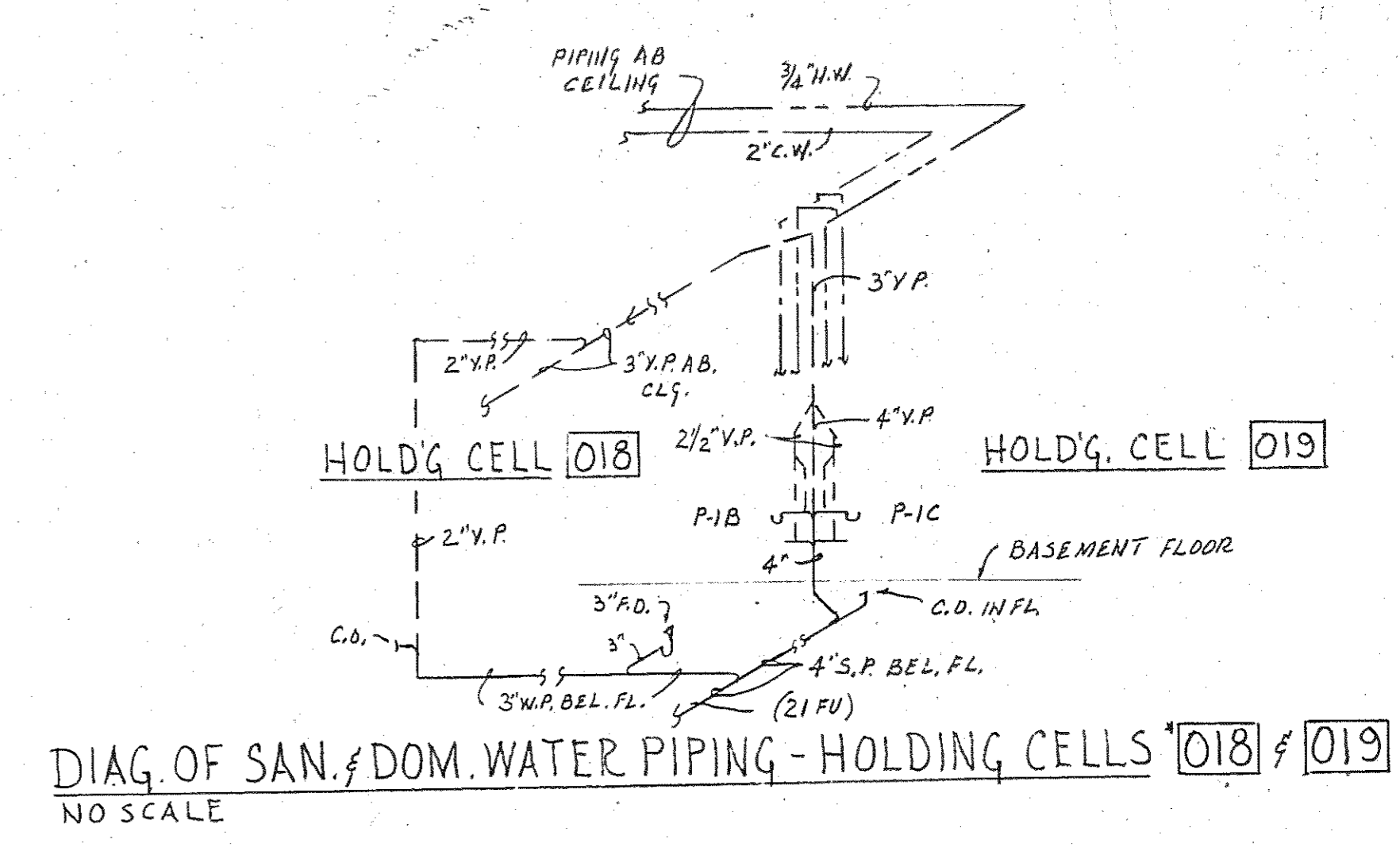
COL. NOS LEVEL	P13	P16
PEDESTAL	20" x 16" 4#9	16" x 16" 4#8
ELEV. TOP OF CAISSON	417.17	418.00
CAISSON	60" φ	42" φ



THESE RECORD DOCUMENTS HAVE BEEN PREPARED BASED ON INFORMATION PROVIDED BY OTHERS. THE ARCHITECT/ENGINEER HAS NOT VERIFIED THE ACCURACY OF THIS INFORMATION AND SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH MAY BE INCORPORATED HEREIN AS A RESULT.

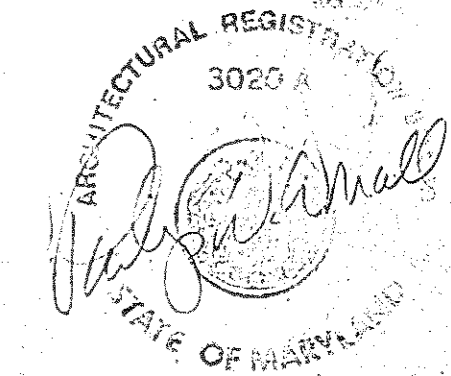
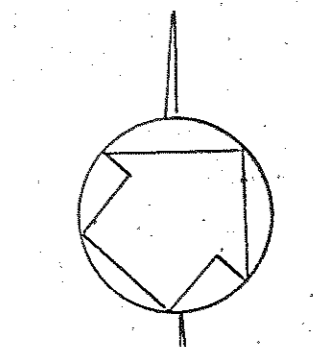


Browne, Worrall & Johnson/Gutwein-Guenther Professional Association A Joint Venture 2435 North Calvert Street Baltimore, Maryland 21218		USING AGENCY APPROVAL Robert B. Sivert Administrator, NSC 2/27/83 DATE		DEPARTMENT OF GENERAL SERVICES PROJECT ADMINISTRATOR DATE		REVISIONS REVISION NO. 1 28 MAR. 1983 AS BUILT REVISIONS 5-5-86		Northwest District Court Wabash Avenue Baltimore, Maryland		DRAWING NO. BC-500-751-001 S-14A BUJ/GGA 8104 DATE: 20 JAN. 1983	
Daft-McCune-Walker, Inc. 530 EAST JOPPA ROAD TOWSON, MARYLAND 21204		George Evans & Associates, Inc. 130 WEST HAMILTON STREET BALTIMORE, MARYLAND 21201		Moore/Lewis Inc. 2435 NORTH CALVERT STREET BALTIMORE, MARYLAND 21218		TITLE DATE		DIRECTOR, ENGR. & CONST. DATE		CAISSON - BASE BID "B" - COLUMN SCHEDULE	



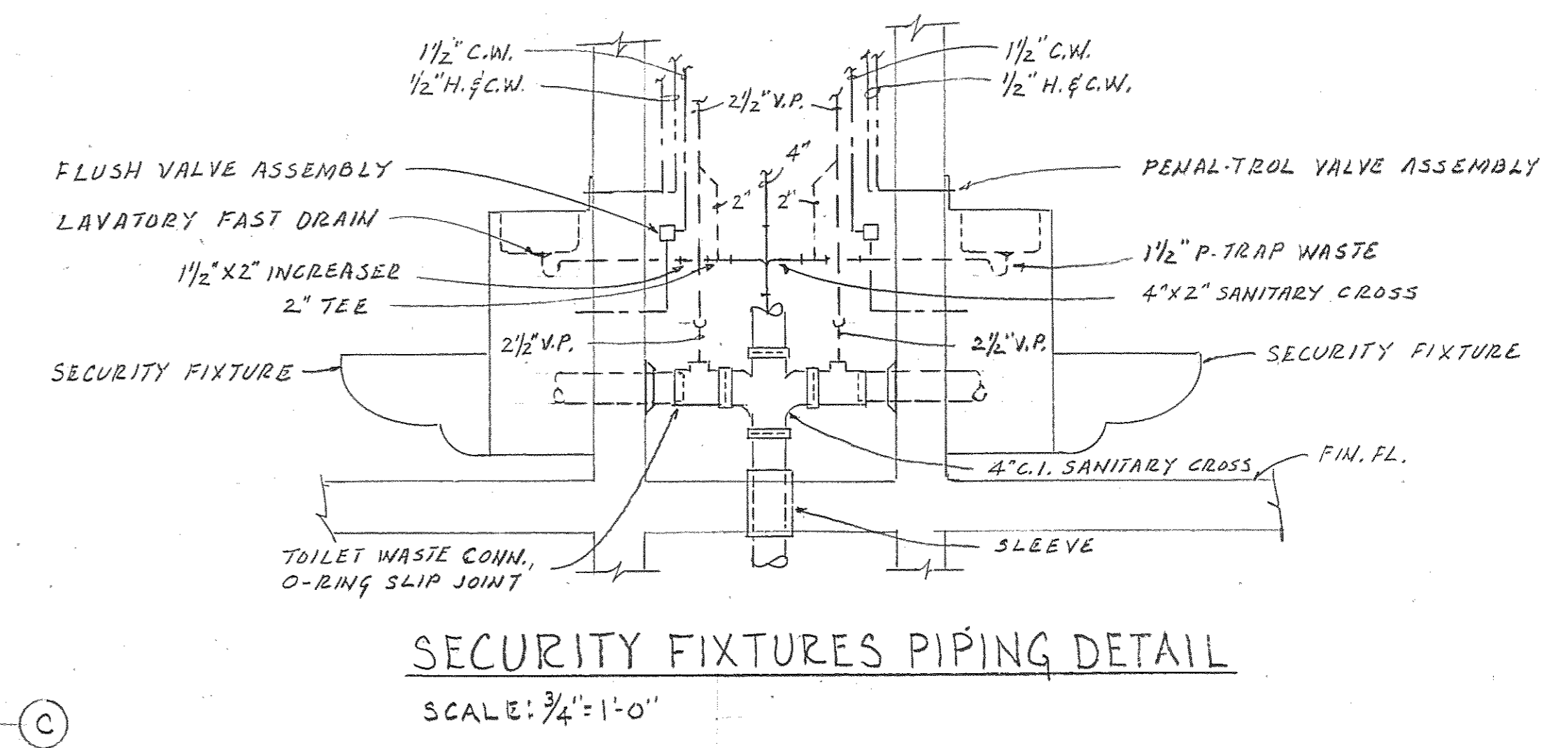
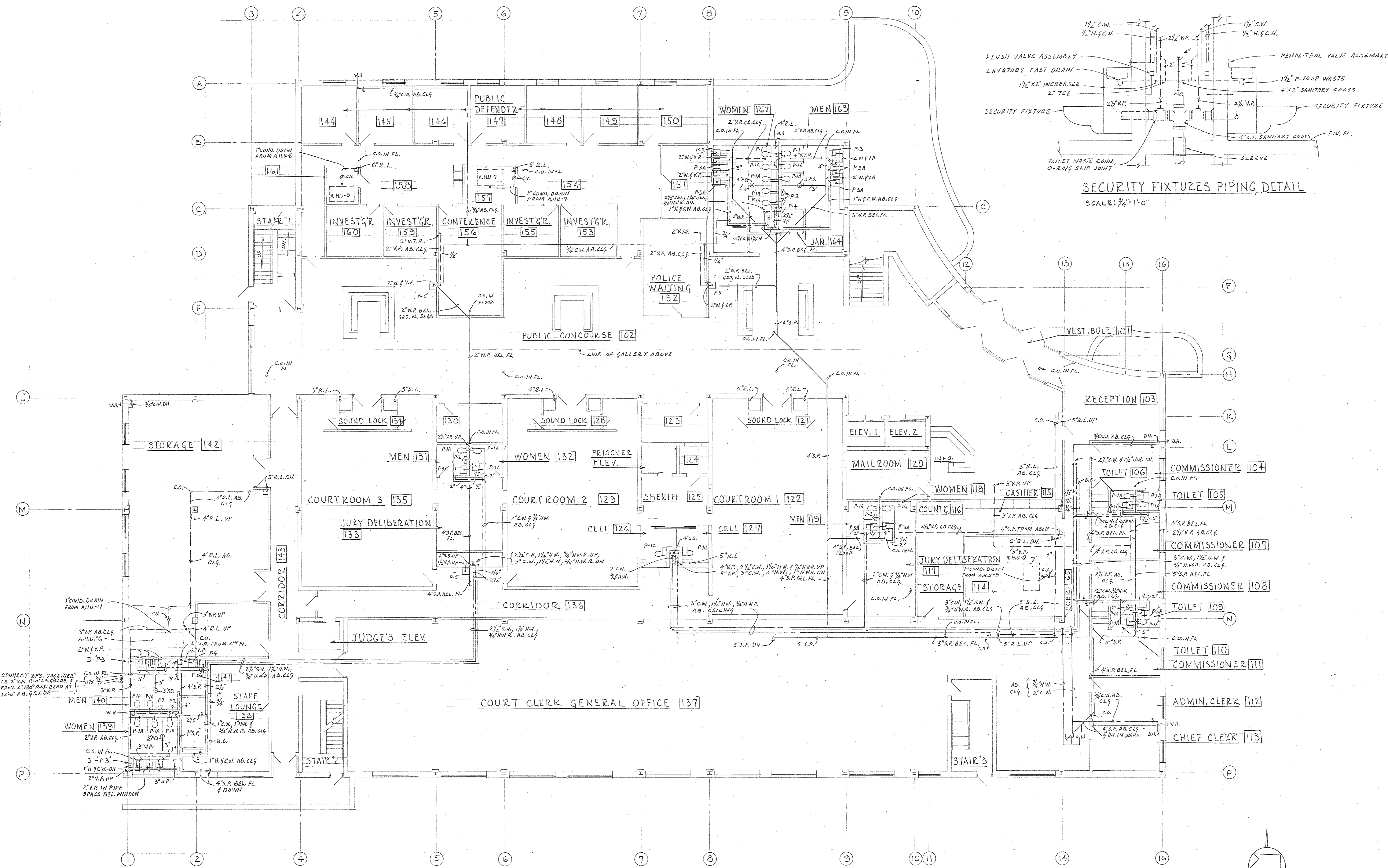
BASEMENT FLOOR PLAN (FIN. FL. 413.0)  
SCALE: 1/8" = 1'-0"

THESE FLOOR PLANS HAVE BEEN PREPARED BASED ON THE RECORD DRAWINGS OF THE ARCHITECT/ENGINEER. THE ARCHITECT/ENGINEER HAS CONDUCTED VISUAL GENERAL VERIFICATION AND CONFIRMATION OF THE EXISTING CONDITIONS AND WORKSHOWN THE DISCREPANCIES AS NECESSARY.



PLUMBING-BASEMENT FLOOR PLAN

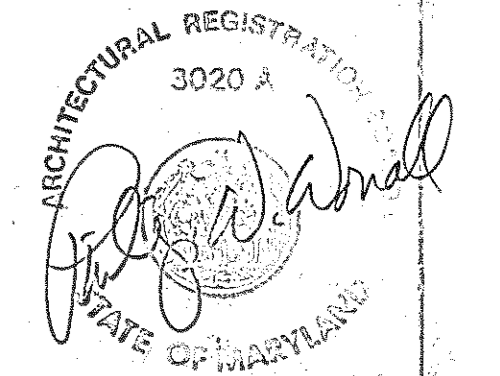
<b>Browne, Worrall &amp; Johnson/Gutwein-Guenther Professional Association</b> A Joint Venture 2435 North Calvert Street Baltimore, Maryland 21218 Daf-McCune-Walker, Inc. 530 EAST JOPPA ROAD TOWSON, MARYLAND 21204 George Evans & Associates, Inc. 130 WEST HAMILTON STREET BALTIMORE, MARYLAND 21201 Moore/Lewis Inc. 2435 NORTH CALVERT STREET BALTIMORE, MARYLAND 21218	USING AGENCY APPROVAL <i>Robert B. Sweet</i> ADMINISTRATOR, MDC 3/21/83 DATE	DEPARTMENT OF GENERAL SERVICES <i>Jonathan M. Moxley</i> 3/21/83 PROJECT ADMINISTRATOR DATE	REVISIONS REV. #1 - 2.25.83 REV. #2 - 2.22.84	NORTHWEST DISTRICT COURT Wabash Avenue Baltimore, Maryland	DRAWING NO. <b>P1</b> BWJ/GGPA 8104 DATE: 20 JAN 1983
	FILE NO. 84 - DWG. NO. 400				



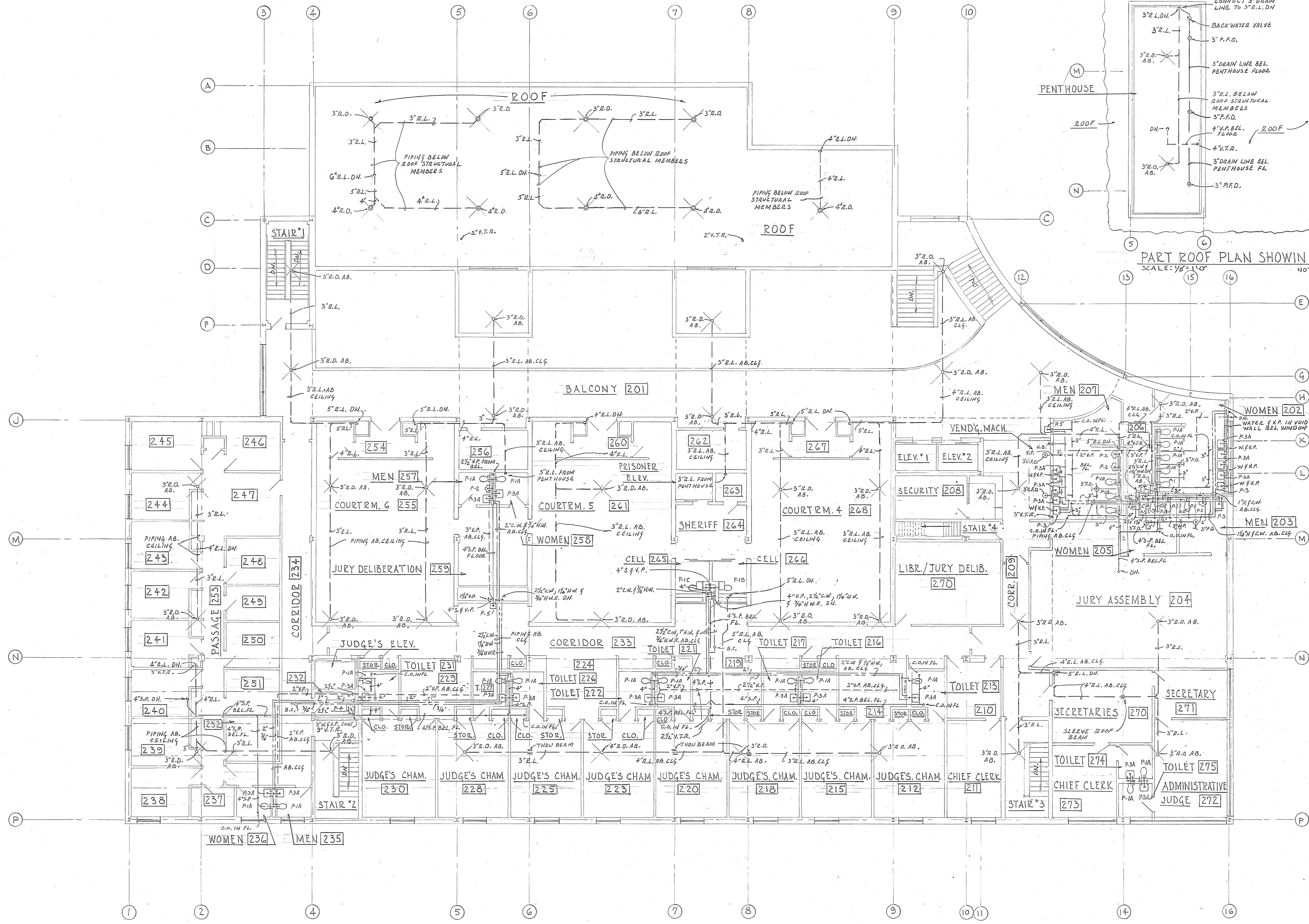
**GROUND FLOOR PLAN**  
SCALE: 1/8" = 1'-0"

**PLUMBING-GROUND FLOOR PLAN**

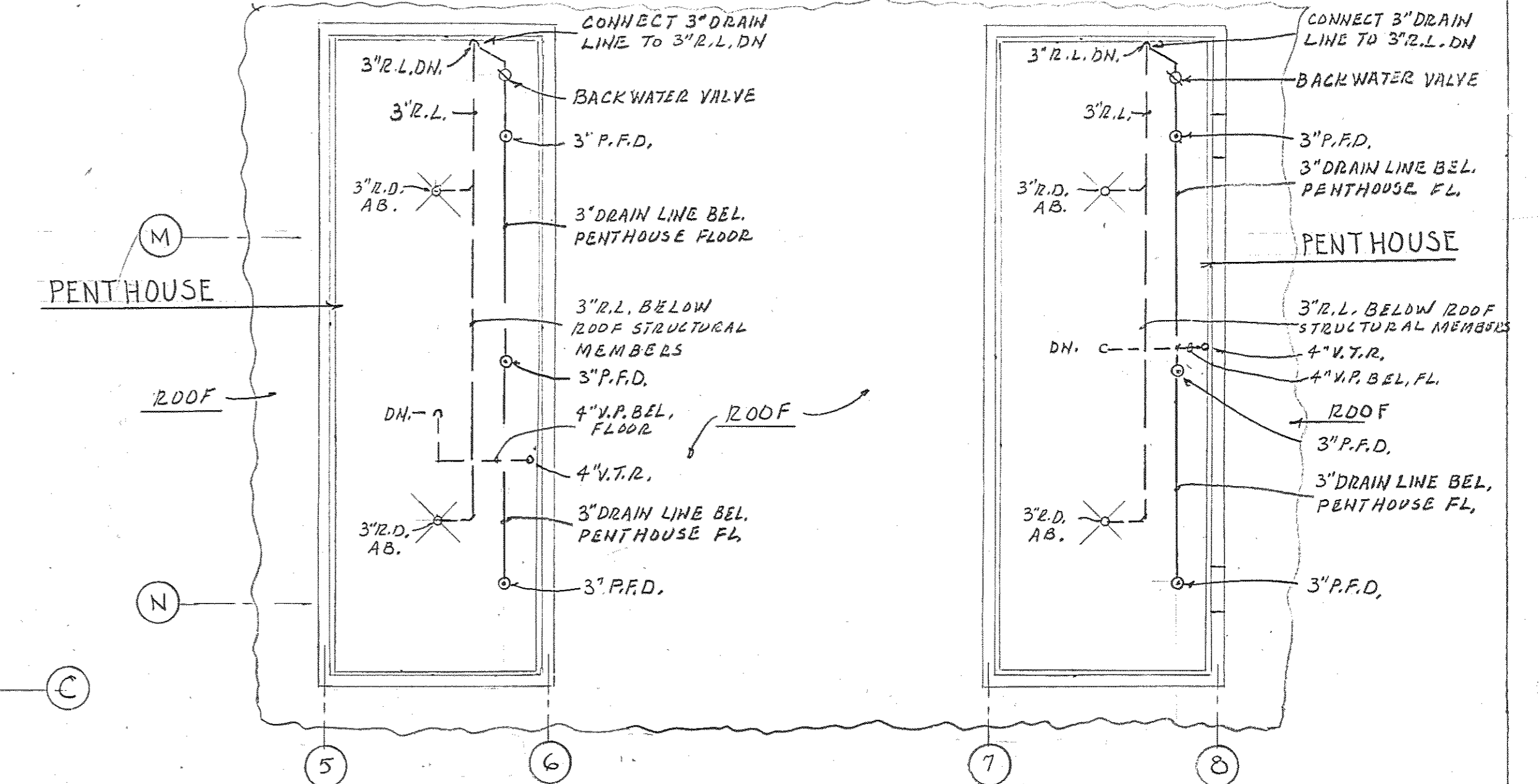
THESE RECORD DOCUMENTS HAVE BEEN PREPARED BASED ON INFORMATION PROVIDED BY OTHERS. THE ARCHITECT/ENGINEER HAS NOT VERIFIED THE ACCURACY OF THIS INFORMATION AND SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH MAY BE INCORPORATED HEREIN AS A RESULT.



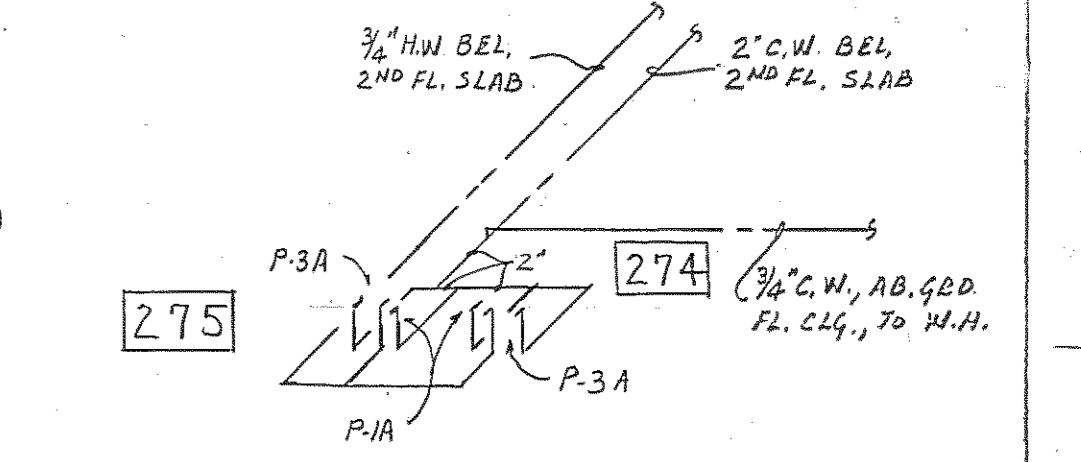
<b>Browne, Worrall &amp; Johnson/Gutwein-Guenther Professional Association</b> 2435 North Calvert Street Baltimore, Maryland 21218		<b>Daft-McCune-Walker, Inc.</b> 530 EAST JOPPA ROAD TOWSON, MARYLAND 21284		<b>George Evans &amp; Associates, Inc.</b> 130 WEST HAMILTON STREET BALTIMORE, MARYLAND 21201		<b>Moore/Lewis Inc.</b> 2435 NORTH CALVERT STREET BALTIMORE, MARYLAND 21218	
USING AGENCY APPROVAL <i>Robert B. Scribner</i> TITLE: <i>REGISTERED PROFESSIONAL ENGINEER</i> DATE: <i>3/25/83</i>		DEPARTMENT OF GENERAL SERVICES <i>Jonathan E. Wolfe</i> PROJECT ADMINISTRATOR DATE: <i>3/21/83</i>		REVISIONS REV. # 1 - 2-28-83		NORTHWEST DISTRICT COURT WABASH AVENUE BALTIMORE, MARYLAND	
DRAWING NO. BC-000-751-001 <b>P 2</b> BWJ/GGFA 8104 DATE: 20 JAN 1983						FILE NO. 84-1070-AD-401	



SECOND FLOOR PLAN  
SCALE: 1/8"=1'-0"



PART ROOF PLAN SHOWING PENTHOUSE  
SCALE: 1/8"=1'-0"  
NOTE: - EXTEND ALL CONDENSATE DRAINS (1/4"), FROM AIR HANDLING UNITS TO FLOOR DRAINS.



DIAG. OF DOMESTIC WATER PIPING  
TOILET #274 & 275  
NO SCALE

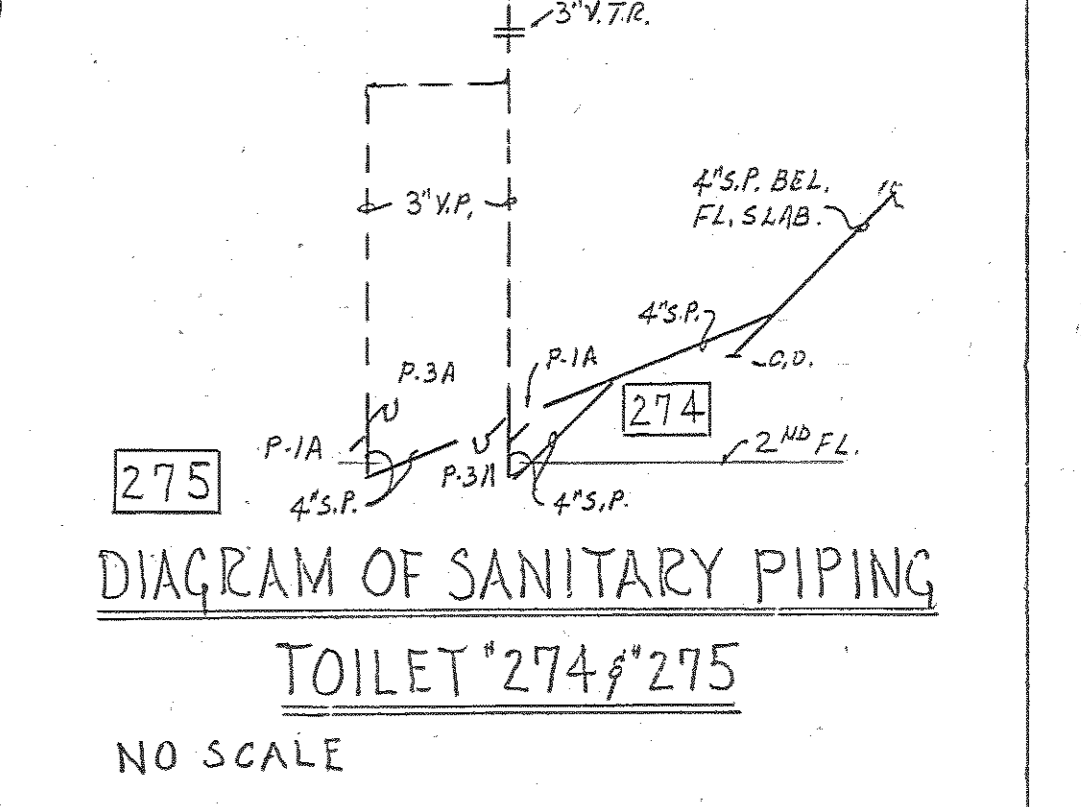
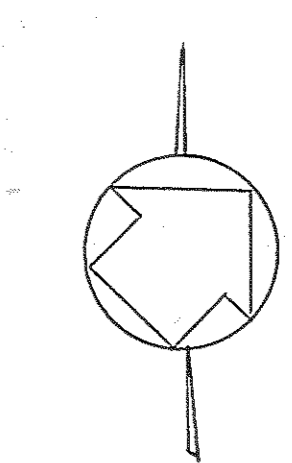
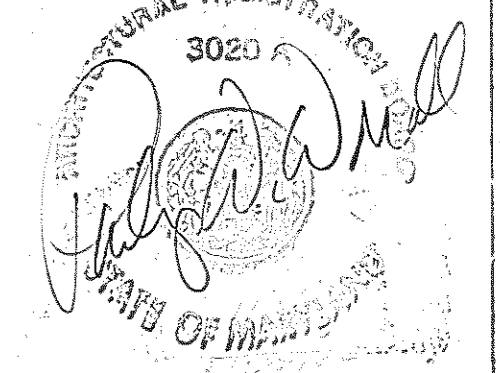


DIAGRAM OF SANITARY PIPING  
TOILET #274 & 275  
NO SCALE



PLUMBING-SECOND FLOOR PLAN

<b>Browne, Worrall &amp; Johnson/Gutwein-Guenther Professional Association</b> A Joint Venture 2435 North Calvert Street Baltimore, Maryland 21218		USING AGENCY APPROVAL <i>Robert B. Swint</i> TITLE DATE		DEPARTMENT OF GENERAL SERVICES <i>James E. Morley</i> PROJECT ADMINISTRATOR DATE		REVISIONS 1 - 3-28-83		DRAWING NO. BC-000-751-001 <b>P 3</b> BWJ/GCPA 8104 DATE: 20 JAN. 1983	
Daft-McCune-Walker, Inc. George Evans & Associates, Inc. Moore/Lewis Inc. 530 EAST JOPPA ROAD TOWSON, MARYLAND 21204 130 WEST HAMILTON STREET BALTIMORE, MARYLAND 21201 2435 NORTH CALVERT STREET BALTIMORE, MARYLAND 21218		<i>James E. Morley</i> TITLE DATE		<i>James E. Morley</i> PROJECT ADMINISTRATOR DATE		NORTHWEST DISTRICT COURT Wabash Avenue Baltimore, Maryland		FILE NO. 84 - DWG. NO. 702	



THESE PLUMBING DOCUMENTS HAVE BEEN PREPARED BASED ON INFORMATION SUPPLIED BY OTHERS. THE ARCHITECT/ENGINEER HAS NOT VERIFIED THE ACCURACY OF THIS INFORMATION AND SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH MAY BE INCORPORATED HEREIN AS A RESULT.

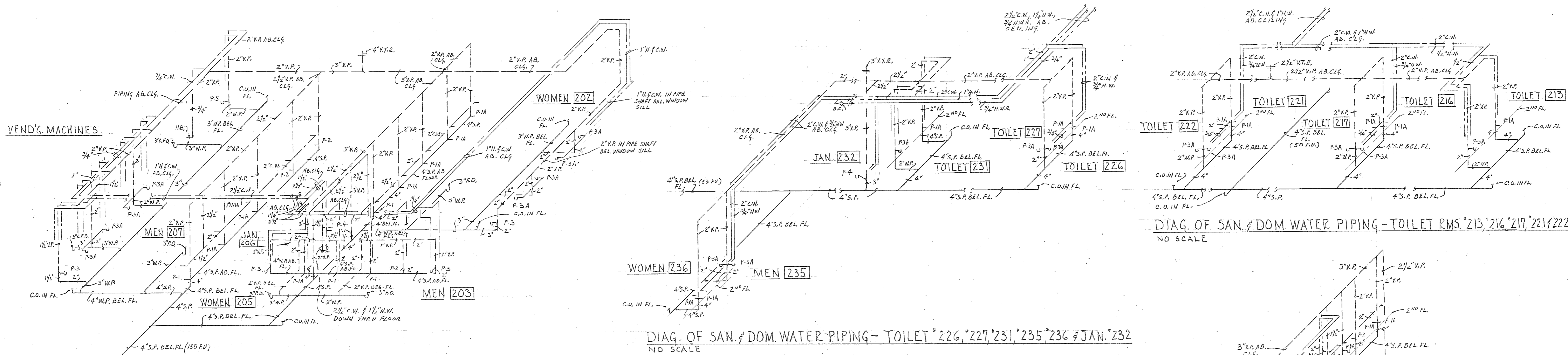
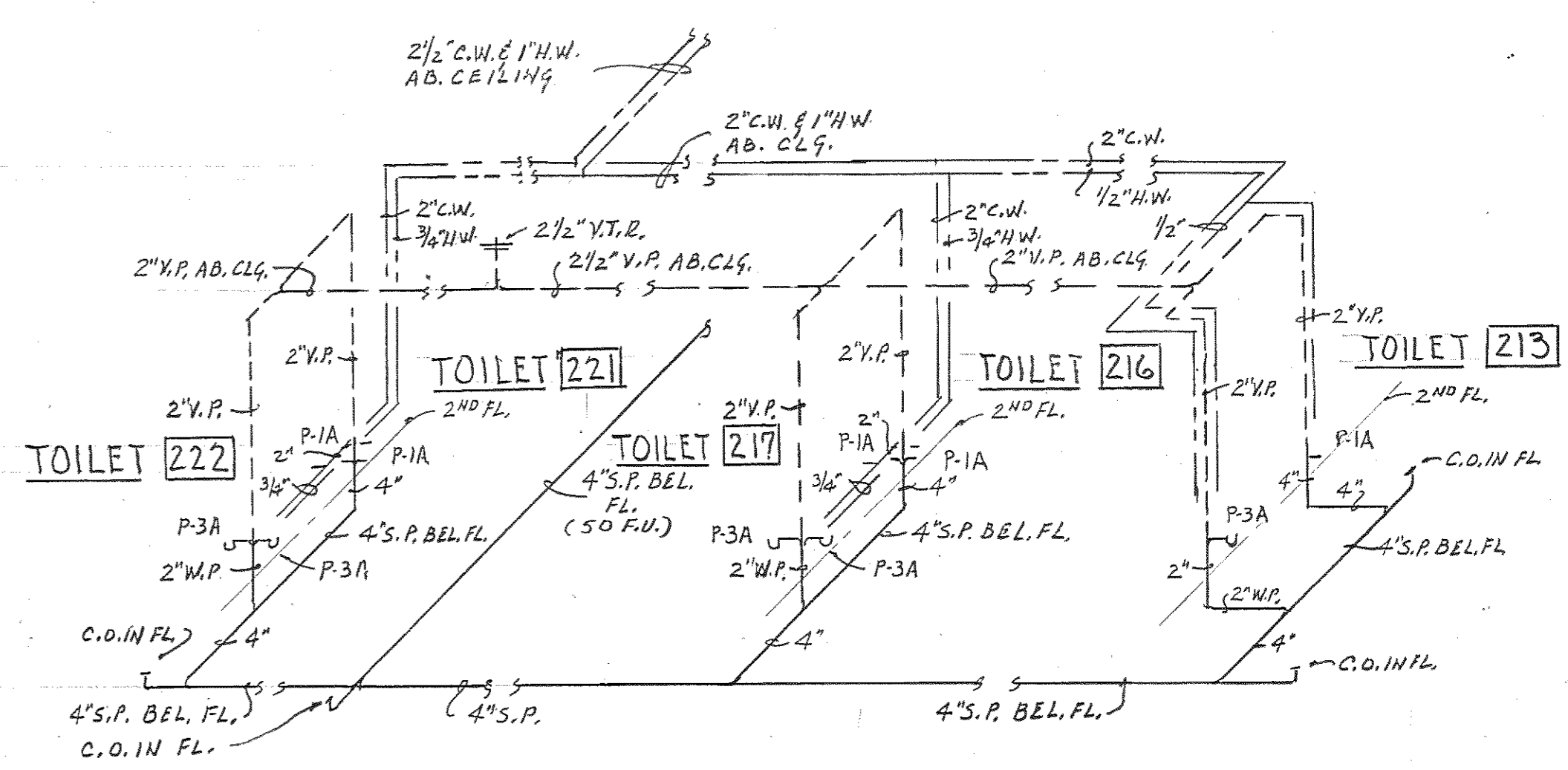


DIAGRAM OF SANITARY & DOM. WATER PIPING - TOILET RMS. 202, 203, 205, 207 & JAN. 206  
NO SCALE

DIAG. OF SAN. & DOM. WATER PIPING - TOILET 226, 227, 231, 235, 236 & JAN. 232  
NO SCALE



DIAG. OF SAN. & DOM. WATER PIPING - TOILET RMs. 213, 216, 217, 221 & 222  
NO SCALE

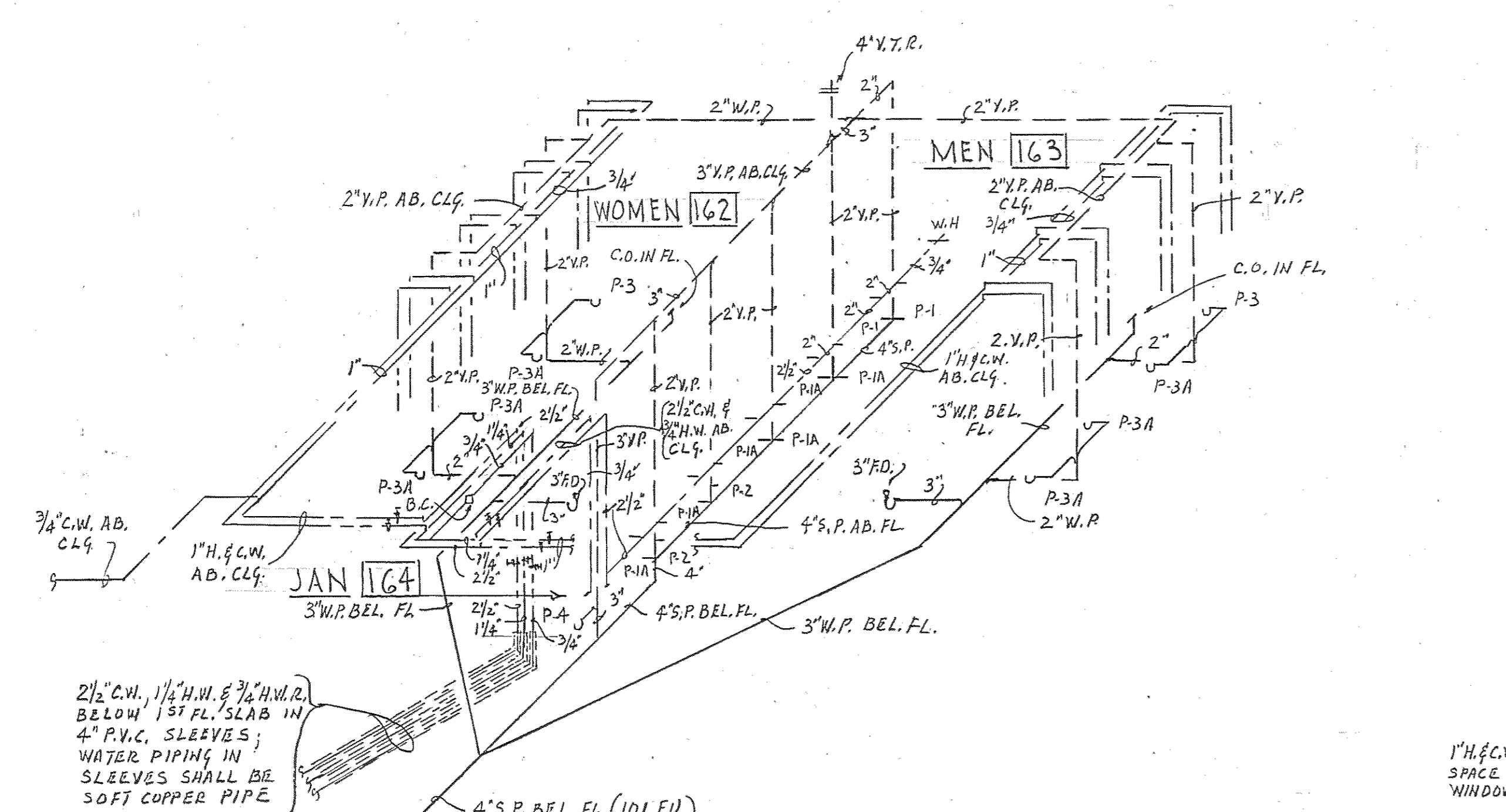
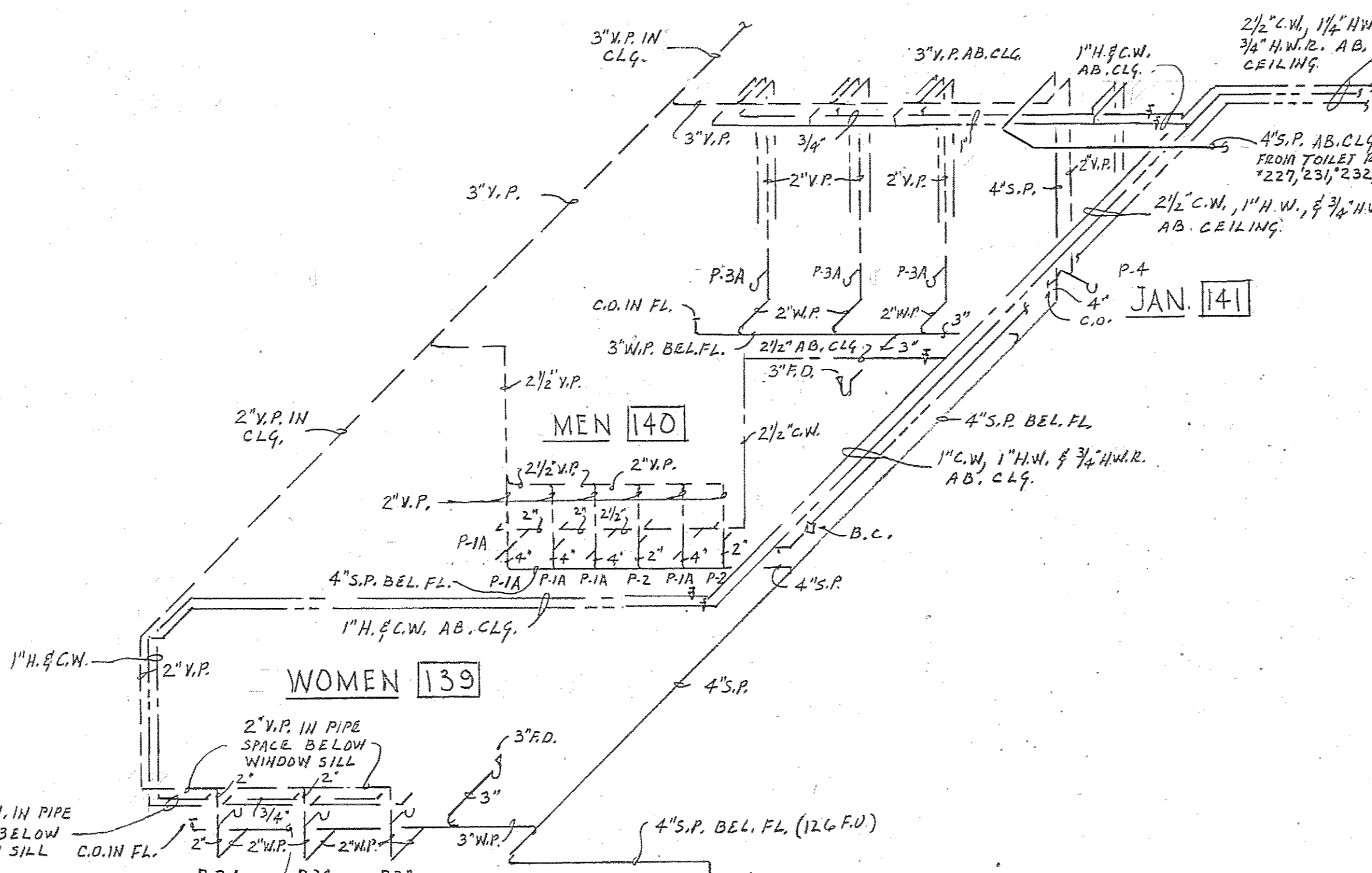
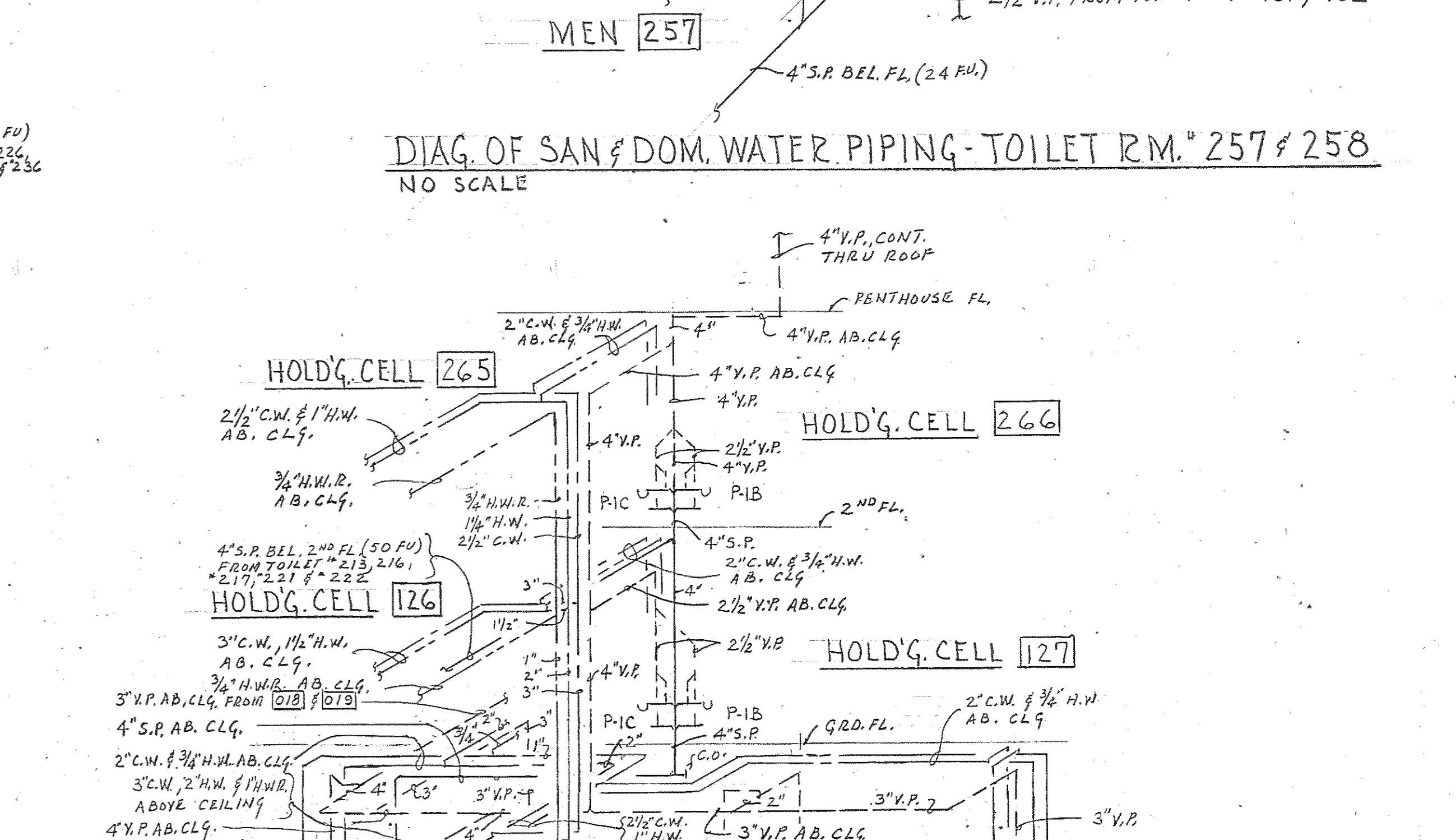


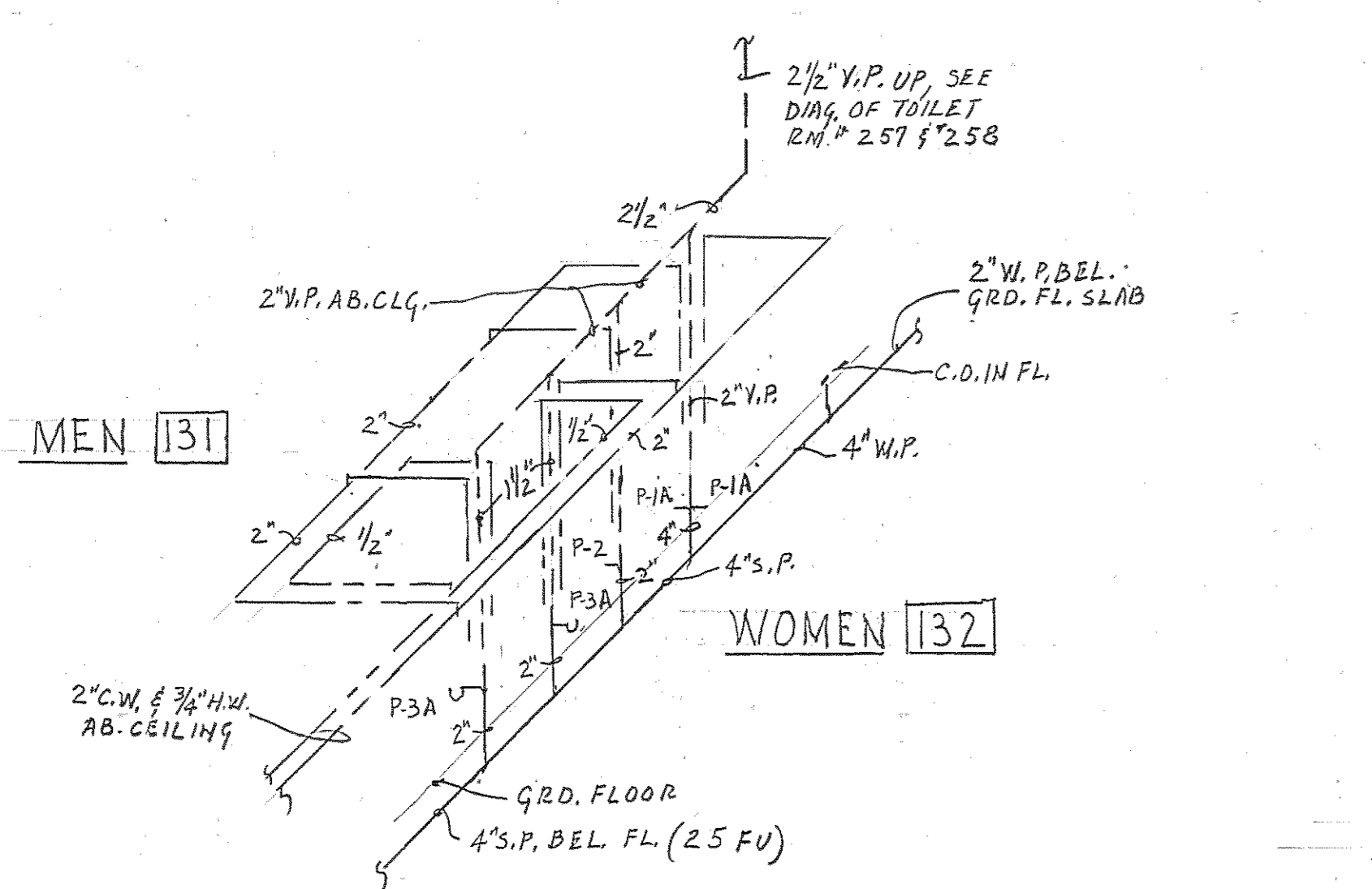
DIAGRAM OF SANITARY & DOMESTIC WATER PIPING - TOILET RM. 162, 163 & JAN. 164  
NO SCALE



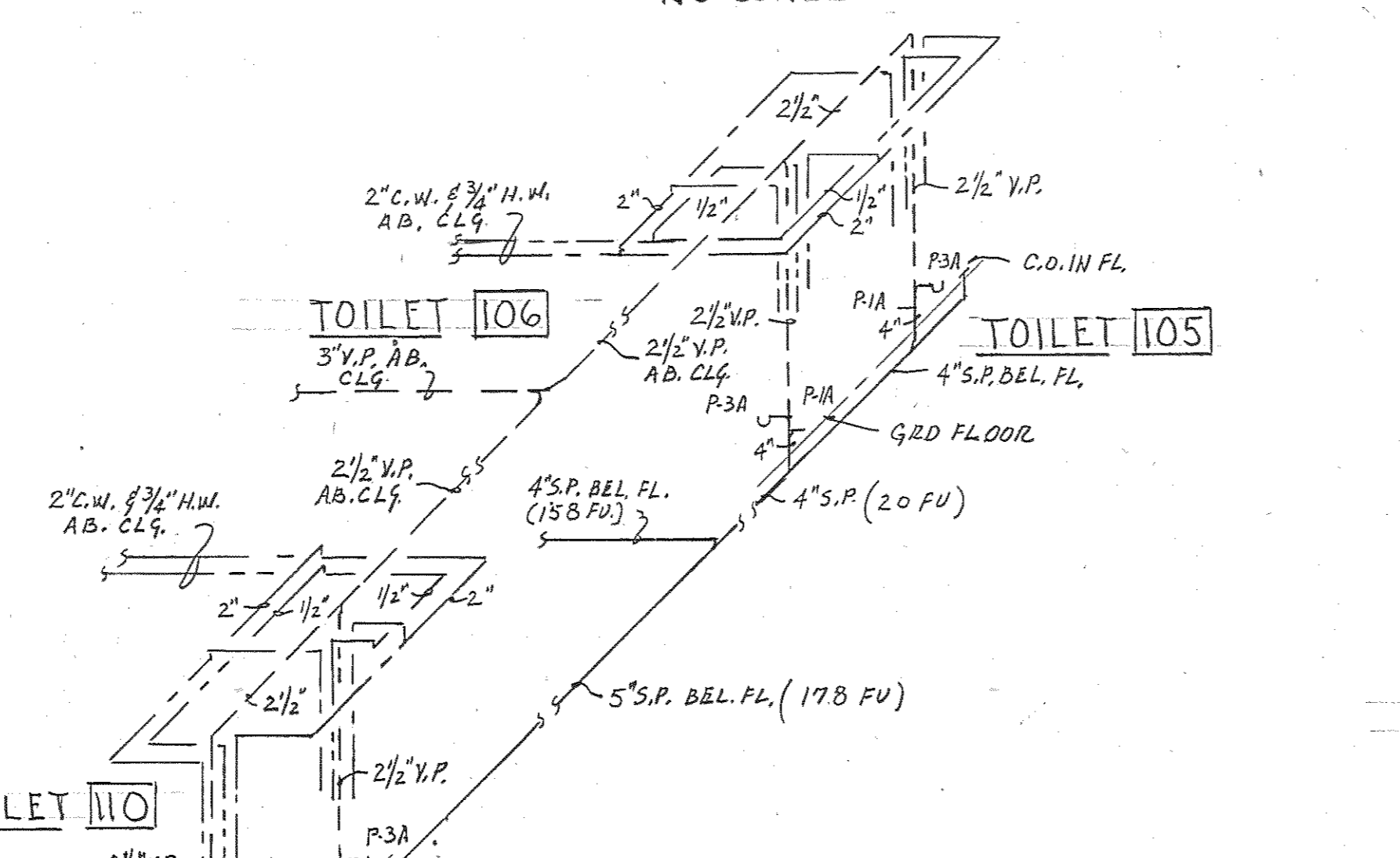
DIAG. OF SAN. & DOM. WATER PIPING - TOILET 139, 140 & JAN. 141  
NO SCALE



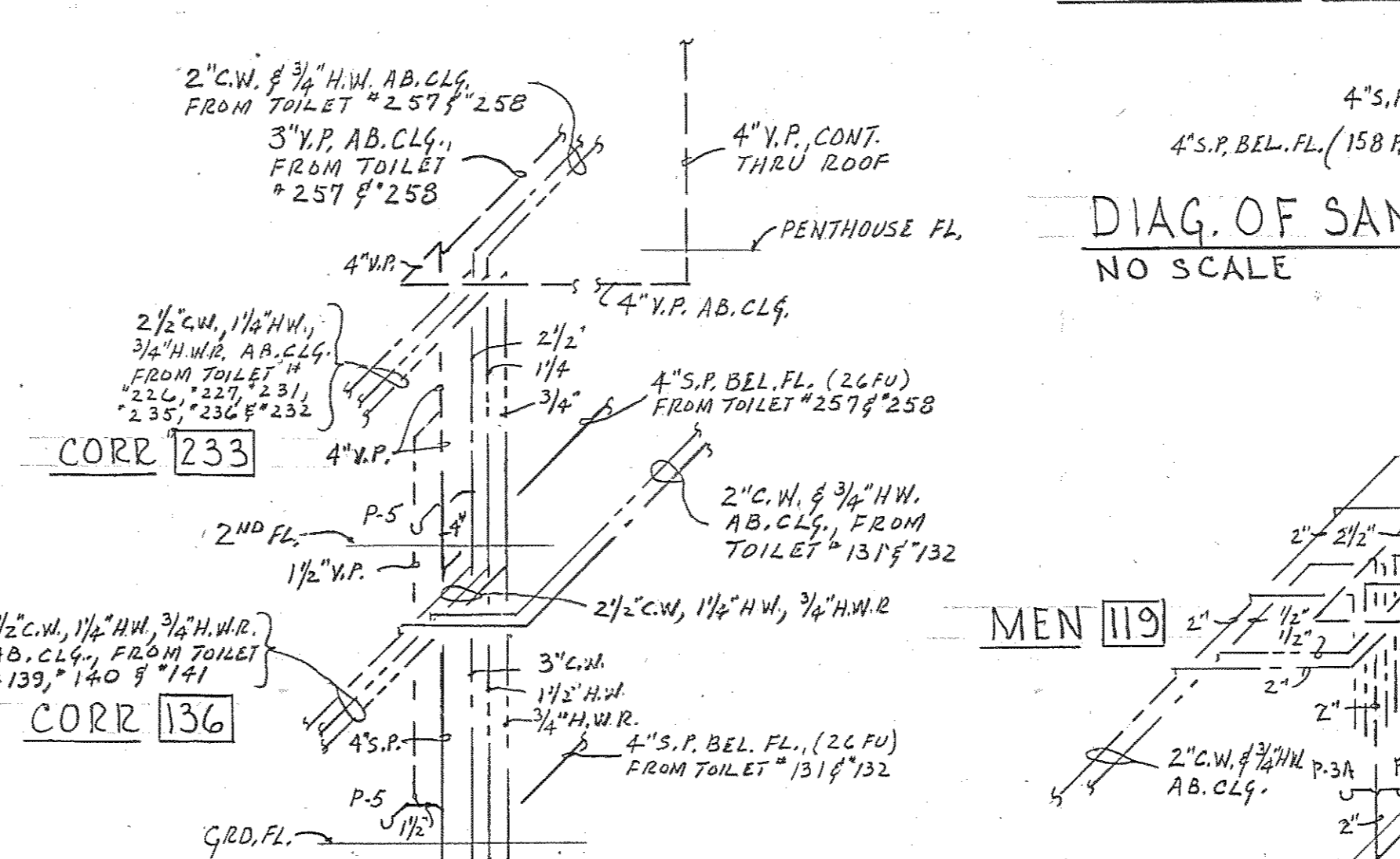
DIAG. OF SAN. & DOM. WATER PIPING - HOLDG. CELLS ON BSMT, GRD. & 2ND FLOORS  
NO SCALE



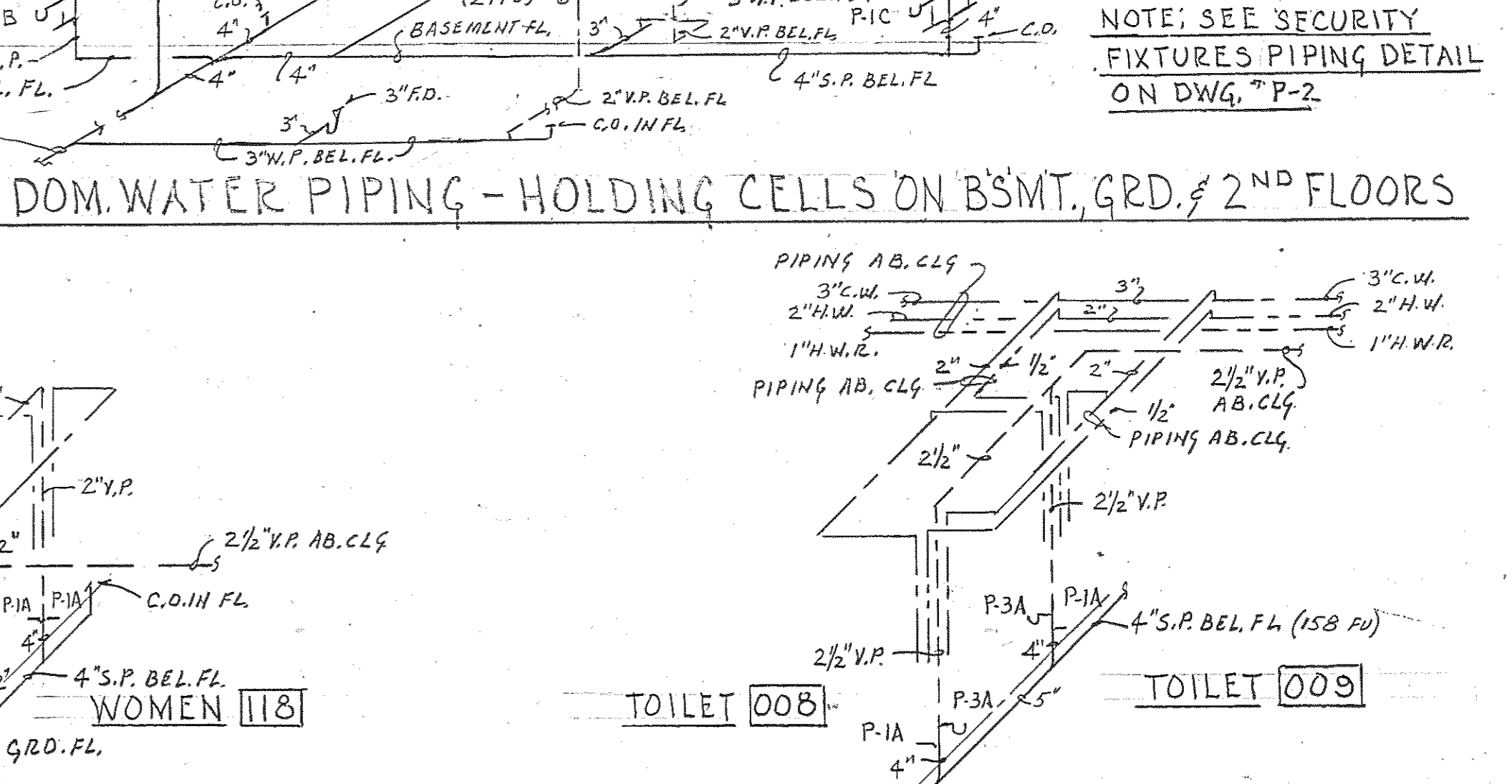
DIAG. OF SAN. & DOM. WATER PIPING - TOILET 131 & 132  
NO SCALE



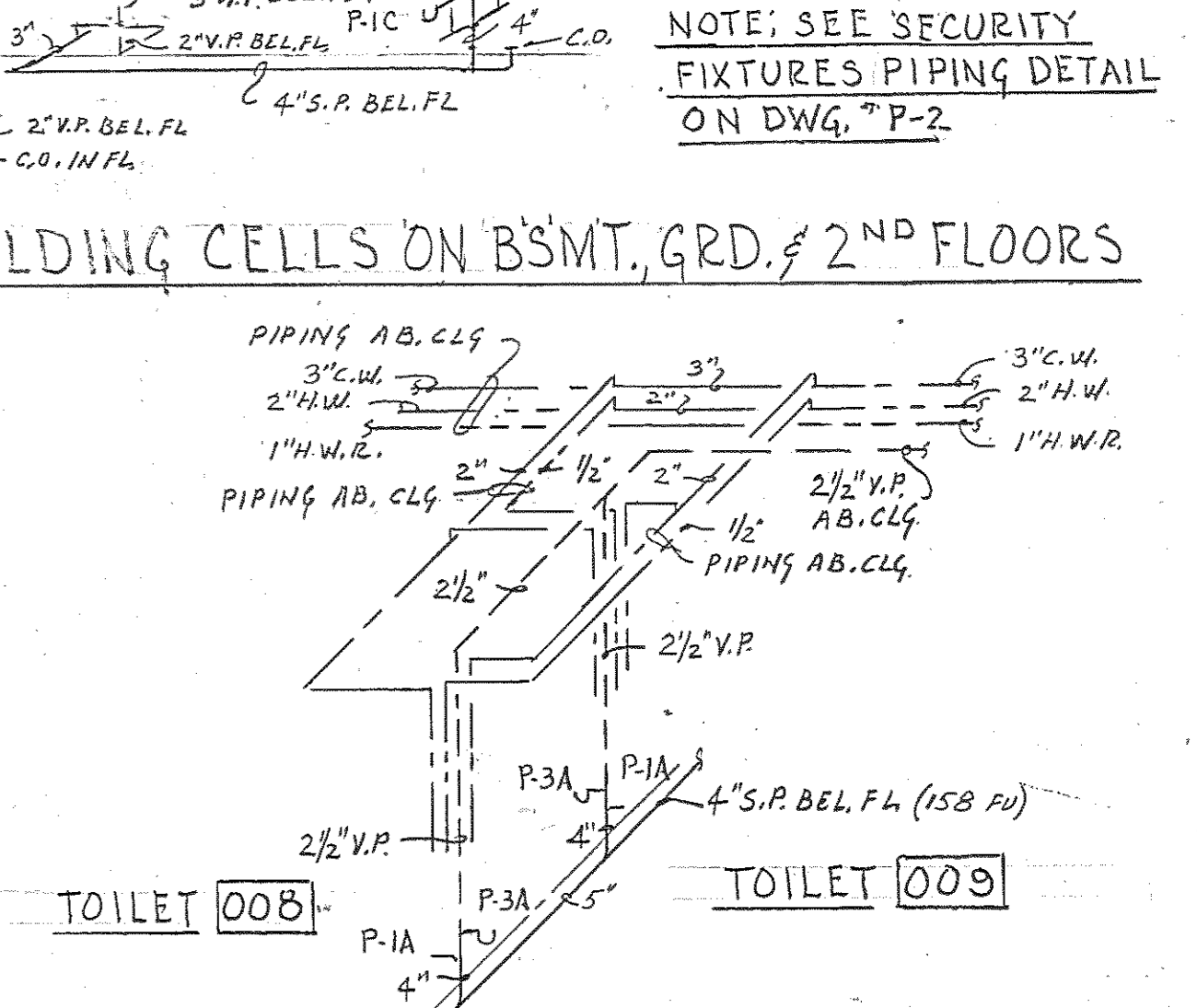
DIAG. OF SAN. & DOM. WATER PIPING - TOILET 105, 106, 109 & 110  
NO SCALE



DIAG. OF SAN. & DOM. WATER PIPING - CORRIDOR 136 & 233  
NO SCALE



DIAG. OF SAN. & DOM. WATER PIPING - TOILET RM. 118 & 119  
NO SCALE

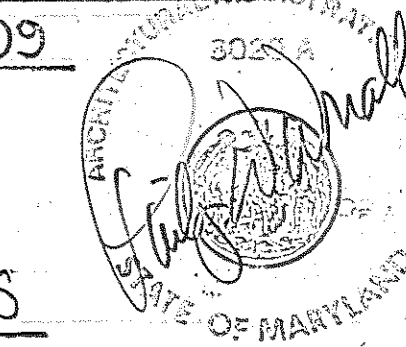


DIAG. OF SAN. & DOM. WATER PIPING - TOILET RM. 008 & 009  
NO SCALE

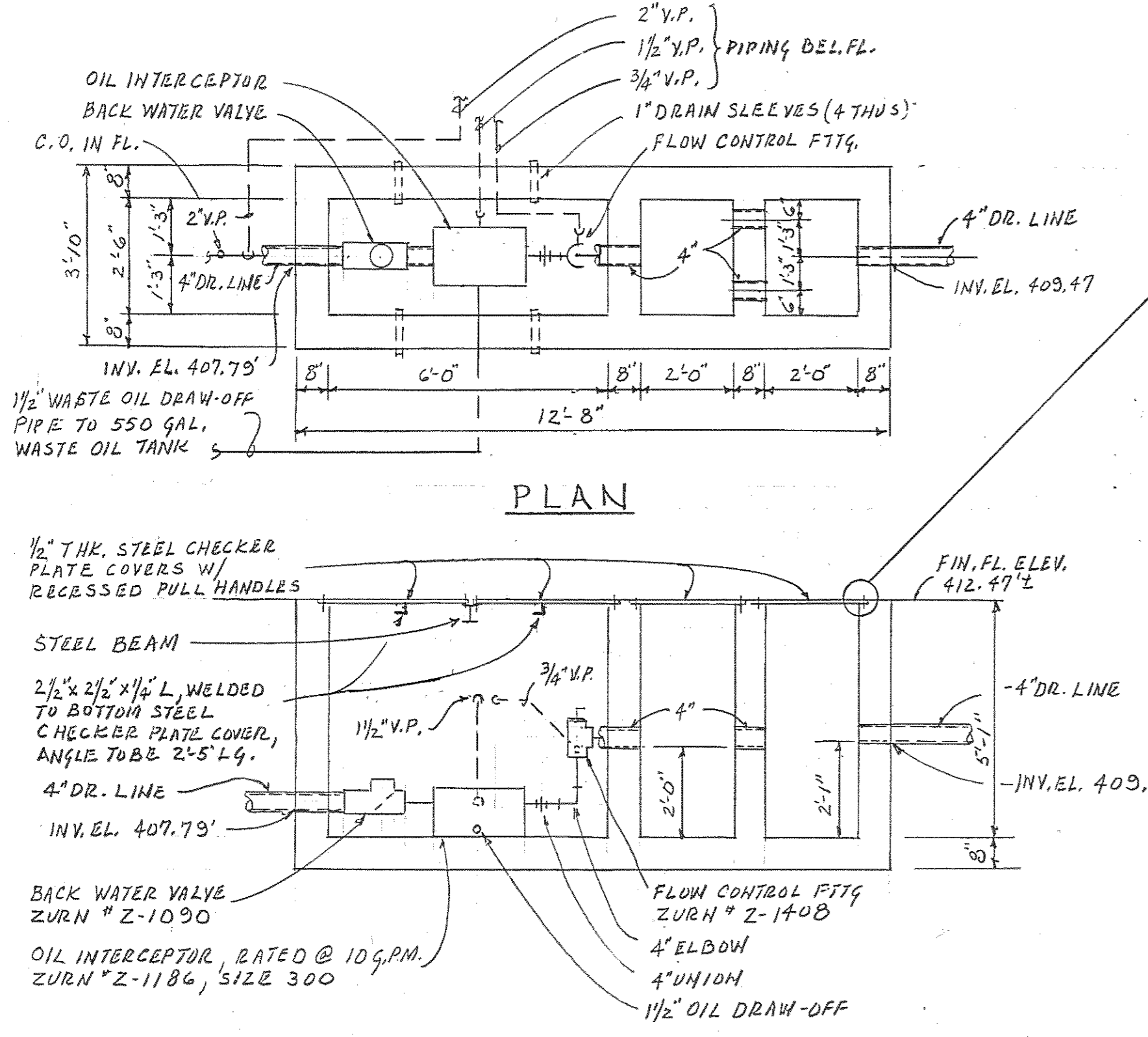
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PLUMBING DIAGRAMS

Browne, Worrall & Johnson/Gutwein-Guenther Professional Association A Joint Venture 2435 North Calvert Street Baltimore, Maryland 21218			USING AGENCY APPROVAL <i>Robert B. Sient</i> ADMINISTRATOR MSC 3/2/83 DATE		DEPARTMENT OF GENERAL SERVICES PROJECT ADMINISTRATOR DATE		REVISIONS REV. #1 - 2-28-83		DRAWING NO. BC-000-751-001 <b>P4</b> BWJ/GGPA 8104 DATE: 20 JAN 1985	
Daft-McCune-Walker, Inc. 530 EAST JOPPA ROAD TOWSON, MARYLAND 21284			George Evans & Associates, Inc. 130 WEST HAMILTON STREET BALTIMORE, MARYLAND 21201		Moore/Lewis Inc. 2435 NORTH CALVERT STREET BALTIMORE, MARYLAND 21218		Northwest District Court Wabash Avenue Baltimore, Maryland		DATE: 20 JAN 1985	

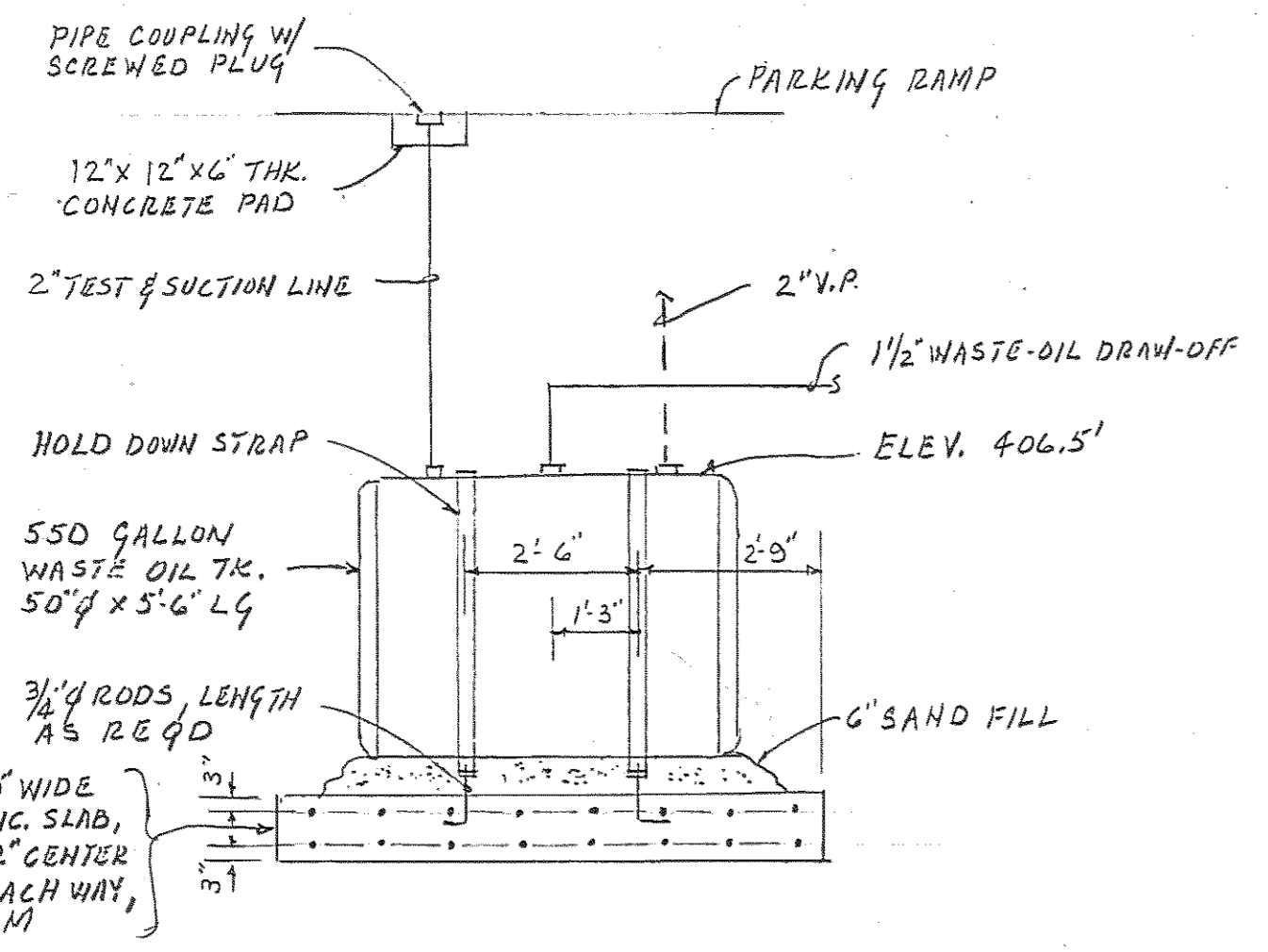




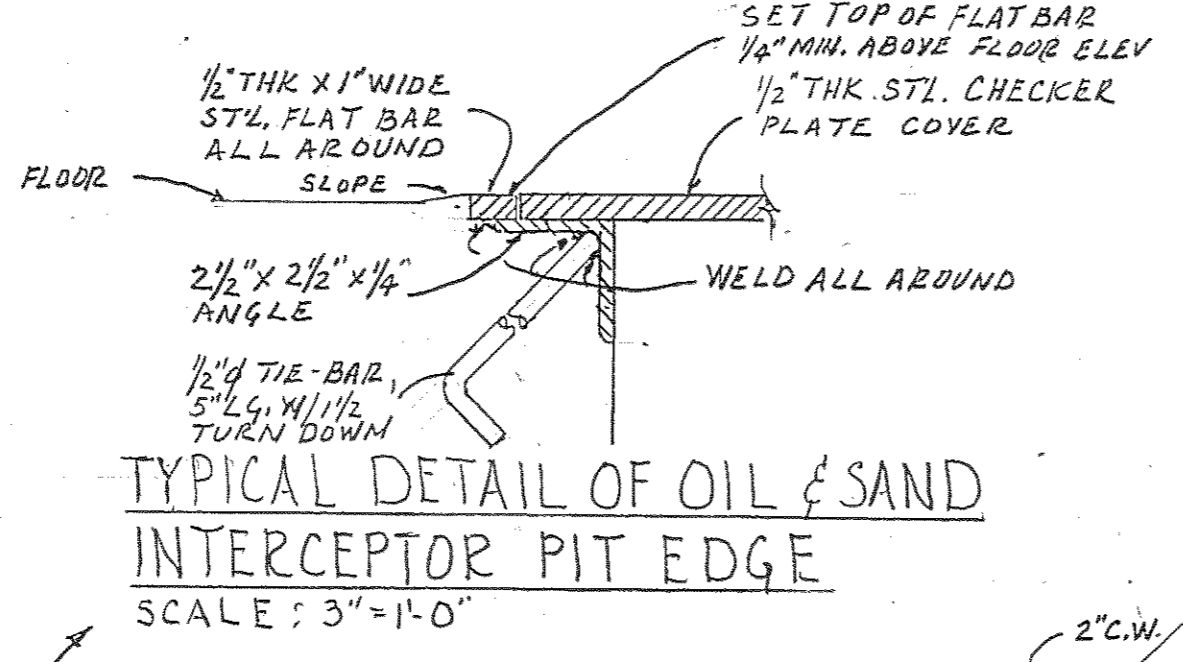


**DETAIL OF SAND & OIL INTERCEPTOR VAULT**  
SCALE: 3/8" = 1'-0"

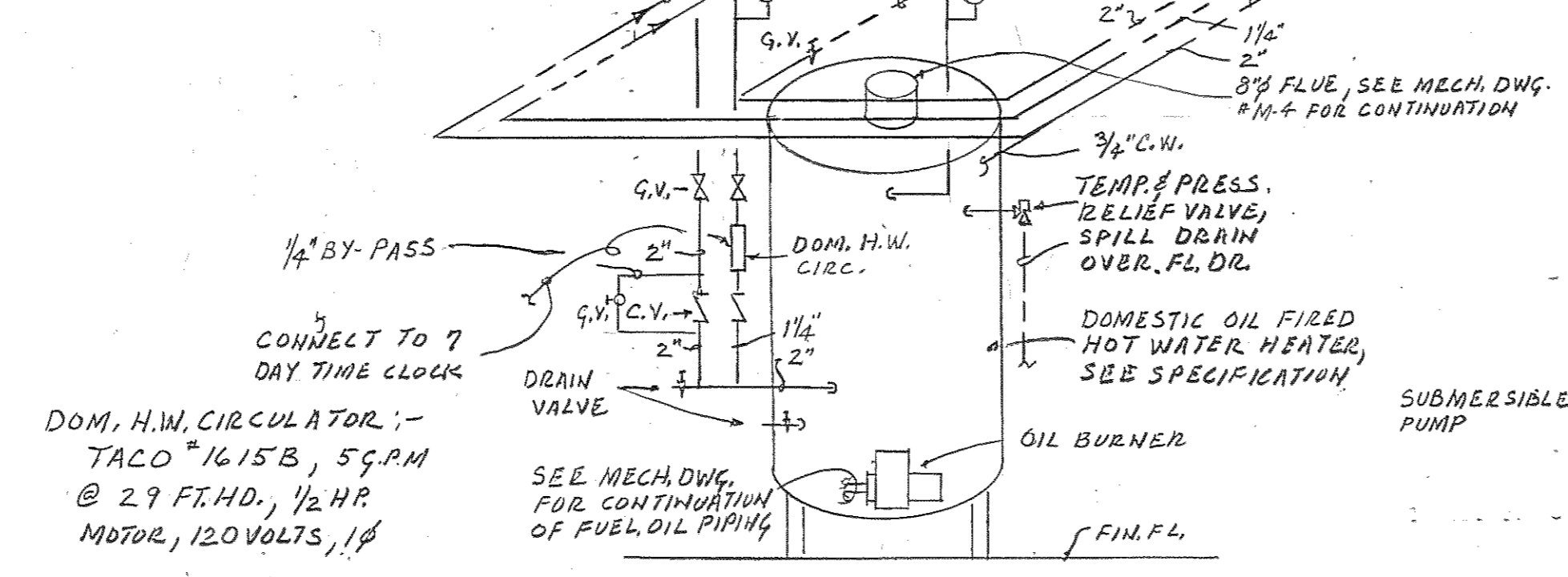
NOTES:-  
 1- SEE STRUCTURAL DWGS. FOR STEEL COVER PLATES, STEEL SUPPORT BEAM & CONCRETE REINFORCING OF ALL VAULT WALLS & FLOOR.  
 2- PROVIDE 2- 1 1/2" PIPE SLEEVES ON EACH SIDE OF INTERCEPTOR VAULT, THRU WALL AT FLOOR LEVEL. EXTEND EACH SLEEVE INTO ONE CUFT. OF CRUSH STONE.  
 3- PROVIDE FLAT HEAD MACHINE SCREWS, APPROX. 18" ON CENTERS IN STEEL PLATE COVERS, FOR ATTACHING PLATES TO CONCRETE VAULT.  
 4- PROVIDE WATER PROOFING ON EXTERIOR WALLS OF SAND & OIL INTERCEPTOR VAULT.



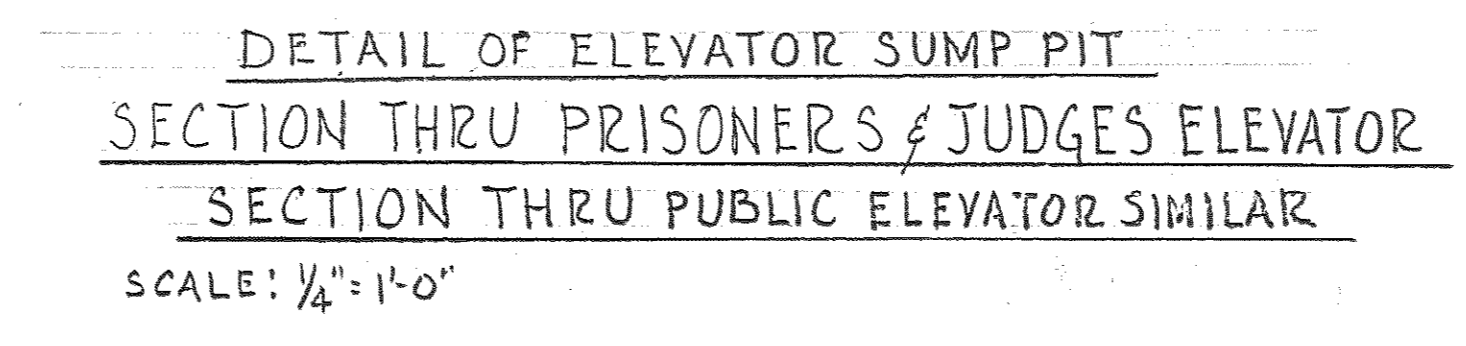
**DETAIL OF WASTE OIL TANK**  
SCALE: 3/8" = 1'-0"



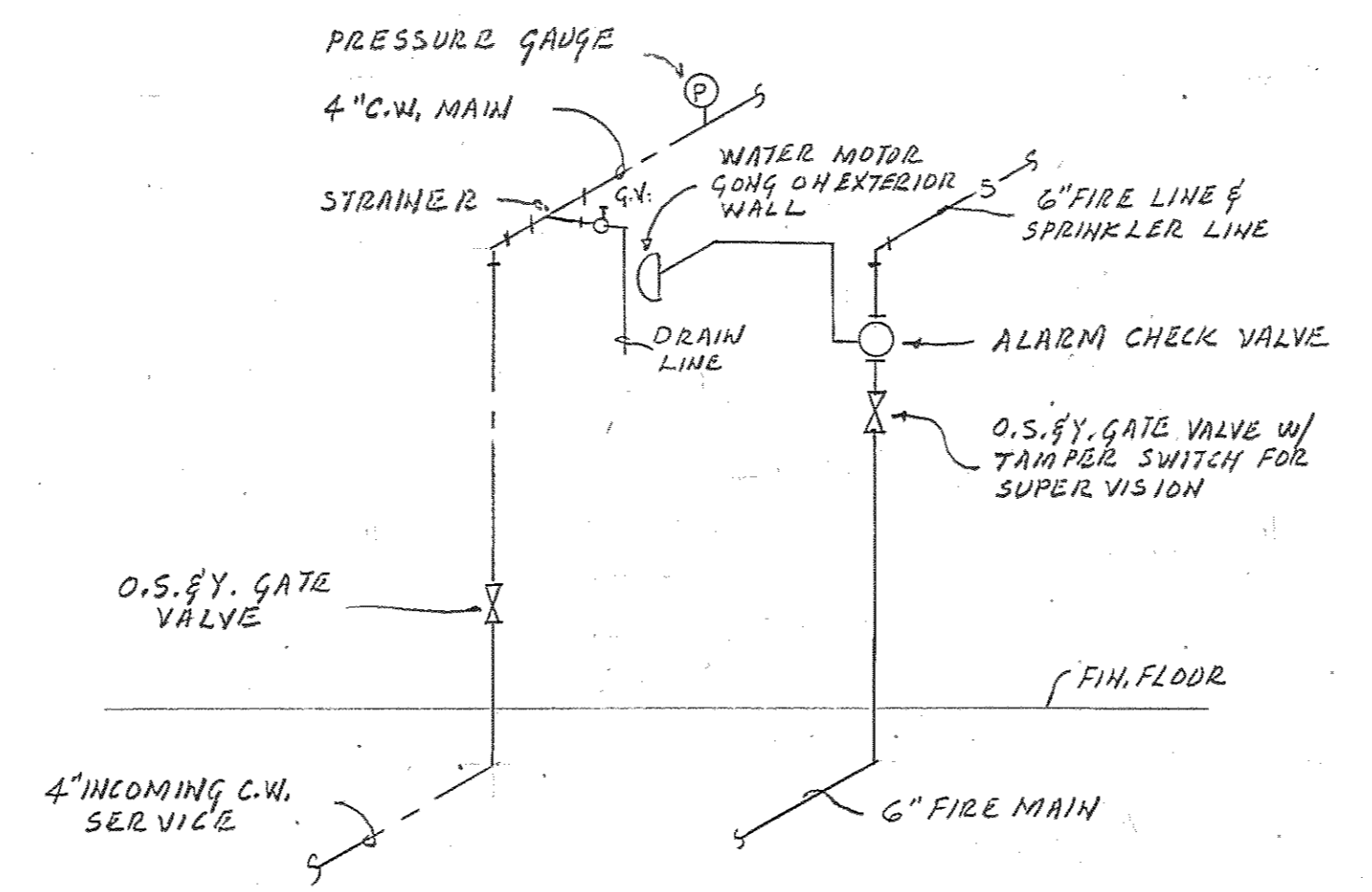
**TYPICAL DETAIL OF OIL & SAND INTERCEPTOR PIT EDGE**  
SCALE: 3/4" = 1'-0"



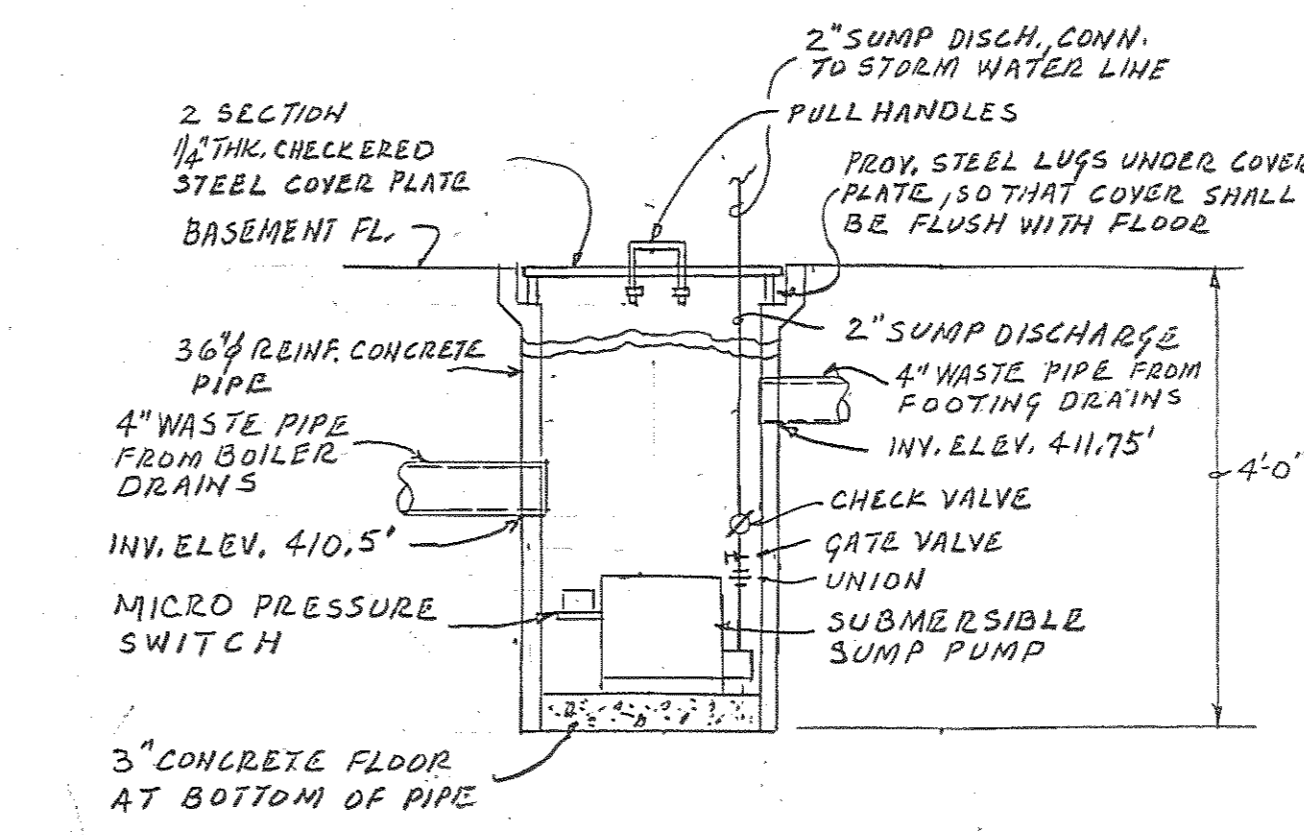
**DIAGRAM OF DOMESTIC HOT WATER HEATER PIPING**  
NO SCALE



**DETAIL OF ELEVATOR SUMP PIT**  
SECTION THRU PRISONERS & JUDGES ELEVATOR  
SECTION THRU PUBLIC ELEVATOR SIMILAR  
SCALE: 1/4" = 1'-0"



**DIAGRAM OF INCOMING FIRE MAIN & COLD WATER SERVICE**  
NO SCALE



**DETAIL OF MECHANICAL ROOM SUMP PIT**  
SCALE: 3/4" = 1'-0"

PLUMBING FIXTURE SCHEDULE										
SYMBOL	FIXTURE DESCRIPTION	WASTE	TRAP	VENT	C.W.	H.W.	MOUNT'G HEIGHT	MANUF. #	MODEL N°	REMARKS
P-1	WATER CLOSET HANDI-CAPPED	4"	INT.	2"	1 1/2"		18" TO RIM	AM. STD. #2477.016		WALL HUNG, BACK OUT-LET, FL. VALVE
P-1A	WATER CLOSET	4"	INT.	2"	1 1/2"		15" TO RIM	AM. STD. #2477.016		WALL HUNG, BACK OUT-LET, FL. VALVE
P-1B	WATER CLOSET SECURITY	4"	INT.	2 1/2"	1 1/2"	1/2"	15" TO RIM	ACORN #1550-L		WALL HUNG, BACK OUT-LET, FL. VALVE
P-1C	WATER CLOSET SECURITY	4"	INT.	2 1/2"	1 1/2"	1/2"	15" TO RIM	ACORN #1550-R		WALL HUNG, BACK OUT-LET, FL. VALVE
P-2	URINAL	2"	INT.	2"	3/4"		24" TO LIP	AM. STD. #6560.015		WALL HUNG, FL. VALVE
P-3	LAVATORY HANDI-CAPPED	1 1/2"	1 1/2" x 1 1/2"	1 1/2"	1/2"	1/2"	36" TO LIP	AM. STD. #4847.024		
P-3A	LAVATORY	1 1/2"	1 1/2" x 1 1/2"	1 1/2"	1/2"	1/2"	31" TO LIP	AM. STD. #4847.024		
P-4	SERVICE SINK	3"	3"	3"	3/4"	3/4"		AM. STD. #7692.049		
P-5	ELEC. WATER COOLER	1 1/2"	1 1/2"	1 1/2"	1/2"		38" TO BUBBLER	HAWS # HWC 8		

NOTES:-  
 1- PROVIDE STOP VALVES ON ALL FIXTURES.

PLUMBING LEGEND & SYMBOLS LIST	
— S.W. —	STORM WATER PIPE
— SAN —	SANITARY WASTE PIPE, S.P., W.P.
— C.W. —	COLD WATER PIPE
— H.W. —	HOT WATER PIPE
— H.W.R. —	HOT WATER RETURN PIPE
— V.P. —	VENT PIPE
— F.D. —	FOOTING DRAINS
— S —	SPRINKLER PIPE, FIRE MAIN
— B.C. —	BALANCING COCK
— G.V. —	GATE VALVE
— STR —	STRAINER
— C.V. —	CHECK VALVE
— C.O. —	CLEAN-OUT, IN LINE TYPE
— C.O. —	CLEAN-OUT, FLOOR TYPE
— R.D. —	ROOF DRAIN
— F.D. —	FLOOR DRAIN
— C.F.D. —	COMBINATION FLOOR DRAIN
— R.L. —	RAIN LEADER
— INV. —	INVERT
— FL. —	FLOOR
— H.B. —	HOSE BIBB
— W.H. —	FROST PROOF HYDRANT
— V.T.R. —	VENT THRU ROOF
— B.F.P. —	BACK FLOW PREVENTER
— T.P. —	TEMP. & PRESS. RELIEF VALVE
— Θ —	THERMOMETER
— ⊕ —	PRESSURE GAUGE
— F.U. —	FIXTURE UNITS
— A.D. —	AREA DRAIN
— EL. —	ELEVATION
— B.D. —	BOILER RM. DRAIN
— P.F.D. —	PENTHOUSE FLOOR DRAIN
— C.D. —	CONDENSATE DRAIN

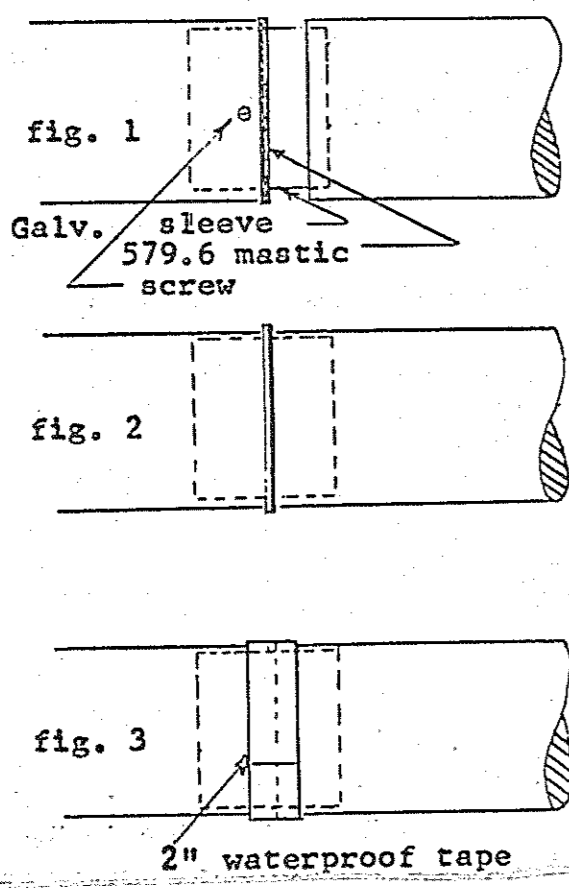
**PLUMBING-DETAILS, DIAGRAMS & SCHEDULE**

Browne, Worrall & Johnson/Gutwein-Guenther Professional Association 2435 North Calvert Street Baltimore, Maryland 21218 A Joint Venture		USING AGENCY APPROVAL <i>Robert B. Smith</i> PROJECT ADMINISTRATOR		DEPARTMENT OF GENERAL SERVICES PROJECT ADMINISTRATOR <i>William E. Morley</i> DATE 3/1/83		REVISIONS Δ REV. #1 - 3-25-83		NORTHWEST DISTRICT COURT Wabash Avenue Baltimore, Maryland		DRAWING NO. BC-000-751-001 <b>P5</b> DWJ/CCPA 0104 DATE: 20 JAN. 1983	
Daft-McCune-Walker, Inc. 530 EAST JOPPA ROAD TOWSON, MARYLAND 21204		George Evans & Associates, Inc. 130 WEST HAMILTON STREET BALTIMORE, MARYLAND 21201		Moore/Lewis Inc. 2435 NORTH CALVERT STREET BALTIMORE, MARYLAND 21218		TITLE <i>Administrative, M.S.C.</i> DATE 3/29/83		DIRECTOR, ENGR. & CONST. DATE 3/1/83		FILE NO. 84 - DWG. NO. 404	

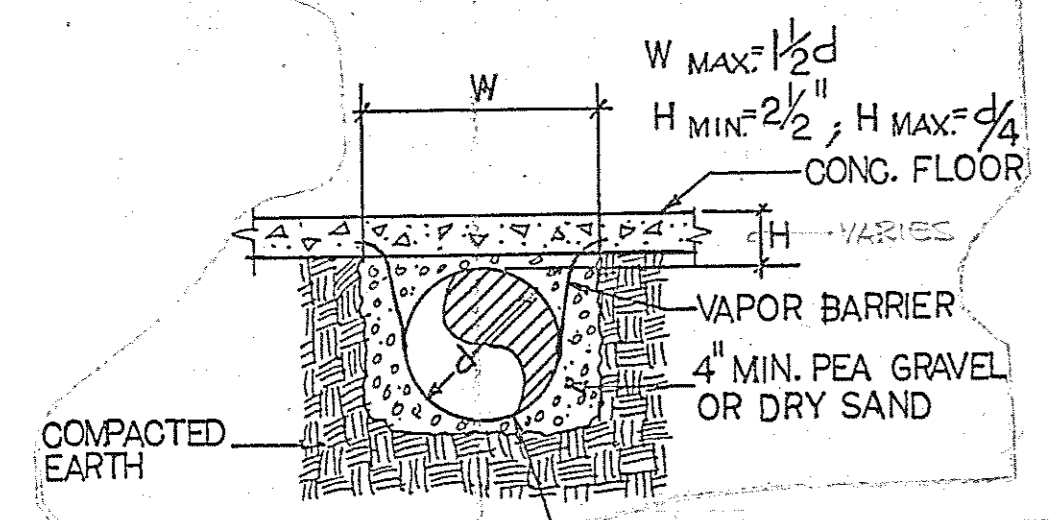
**SPUNSTRAND UNDERSLAB DUCT JOINTS**

**BELON SLAB RECOMMENDED METHOD**

1. Wipe dirt and dust from duct ends, secure sleeve inside duct with sheet metal screws. (Fig. 1)
2. Apply extruded bead of 579.6 Pressite non-hardening water-proof mastic. (Fig. 2)
3. Press joining duct tightly against mastic, forming water-proof seal. Secure with screws. (Fig. 2)
4. Wrap joint with waterproof tape, covering screw heads. (Fig. 3)

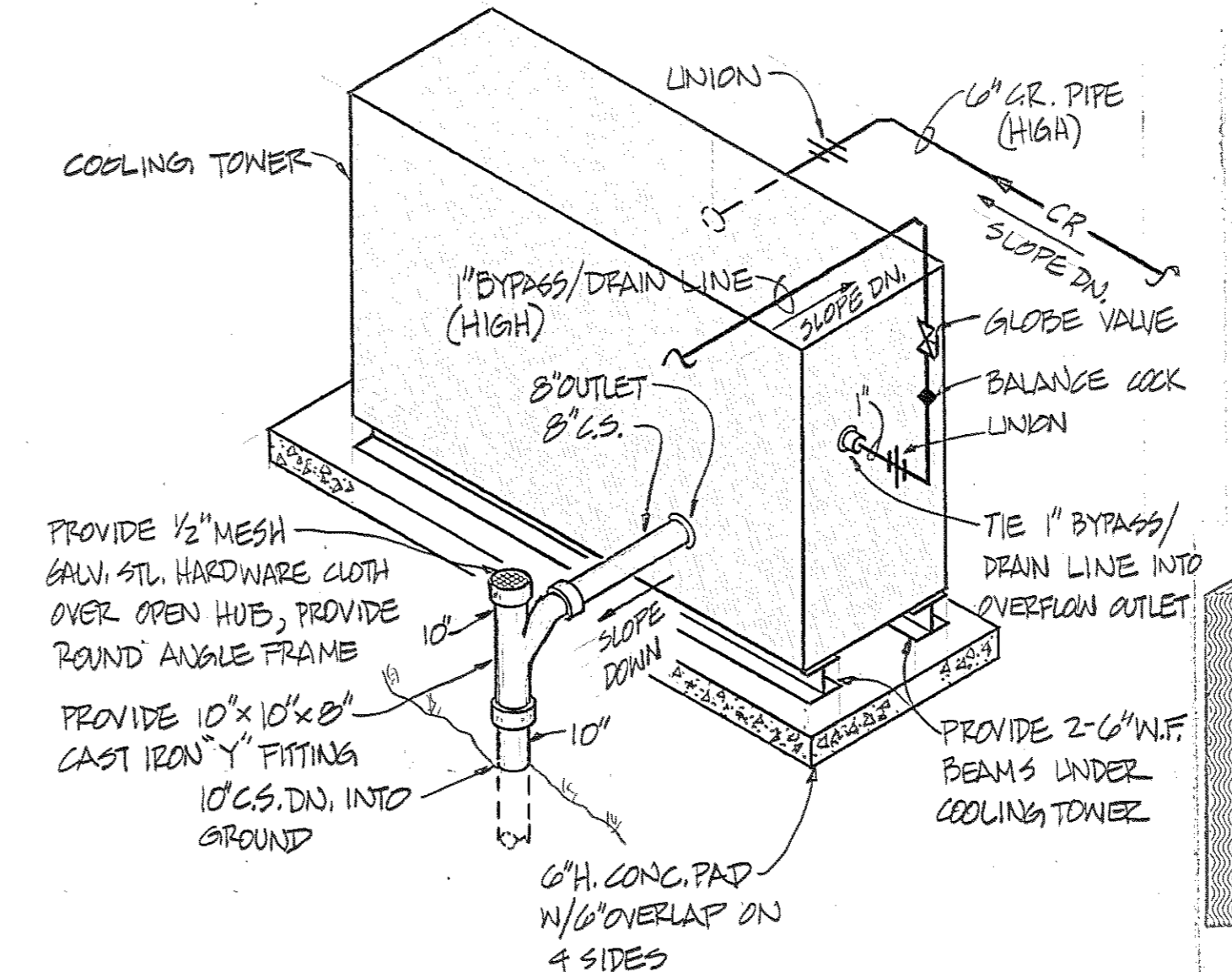


NOTE: DURING BACKFILL MECH. COMPACTION OR WATER SETTLING SHALL BE AVOIDED.

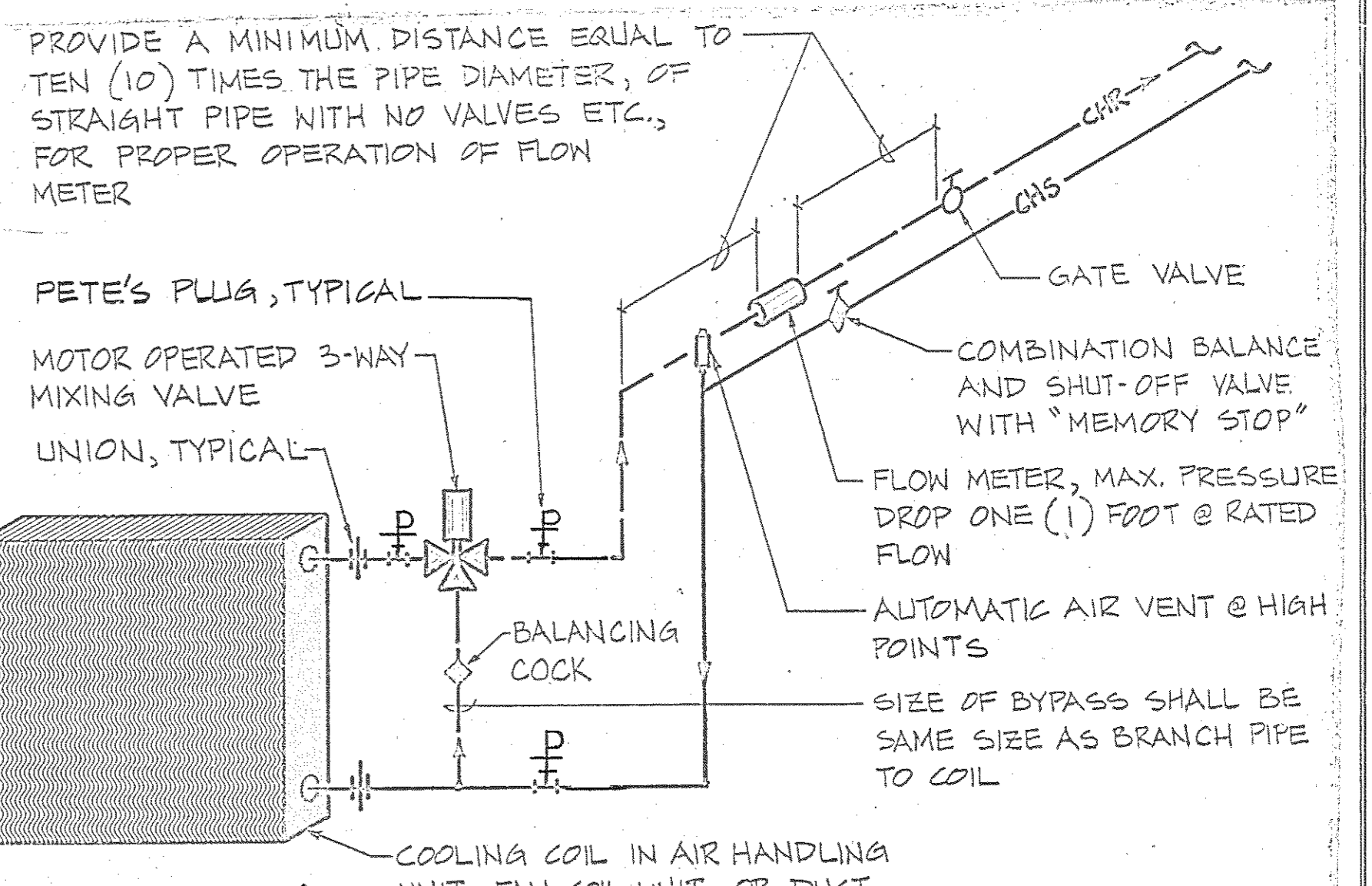


NOTE: INSTALL HS&HR OR CHS&CHR IN SLEEVE AFTER INSTALLATION OF SLEEVE

**UNDERFLOOR DUCT DETAILS**  
NO SCALE



**COOLING TOWER INSTALLATION DETAIL**  
NO SCALE



**COOLING COIL PIPING DIAGRAM**  
NO SCALE

NOTE: THIS DETAIL TYPICAL FOR PRE-HEAT COILS ALSO.

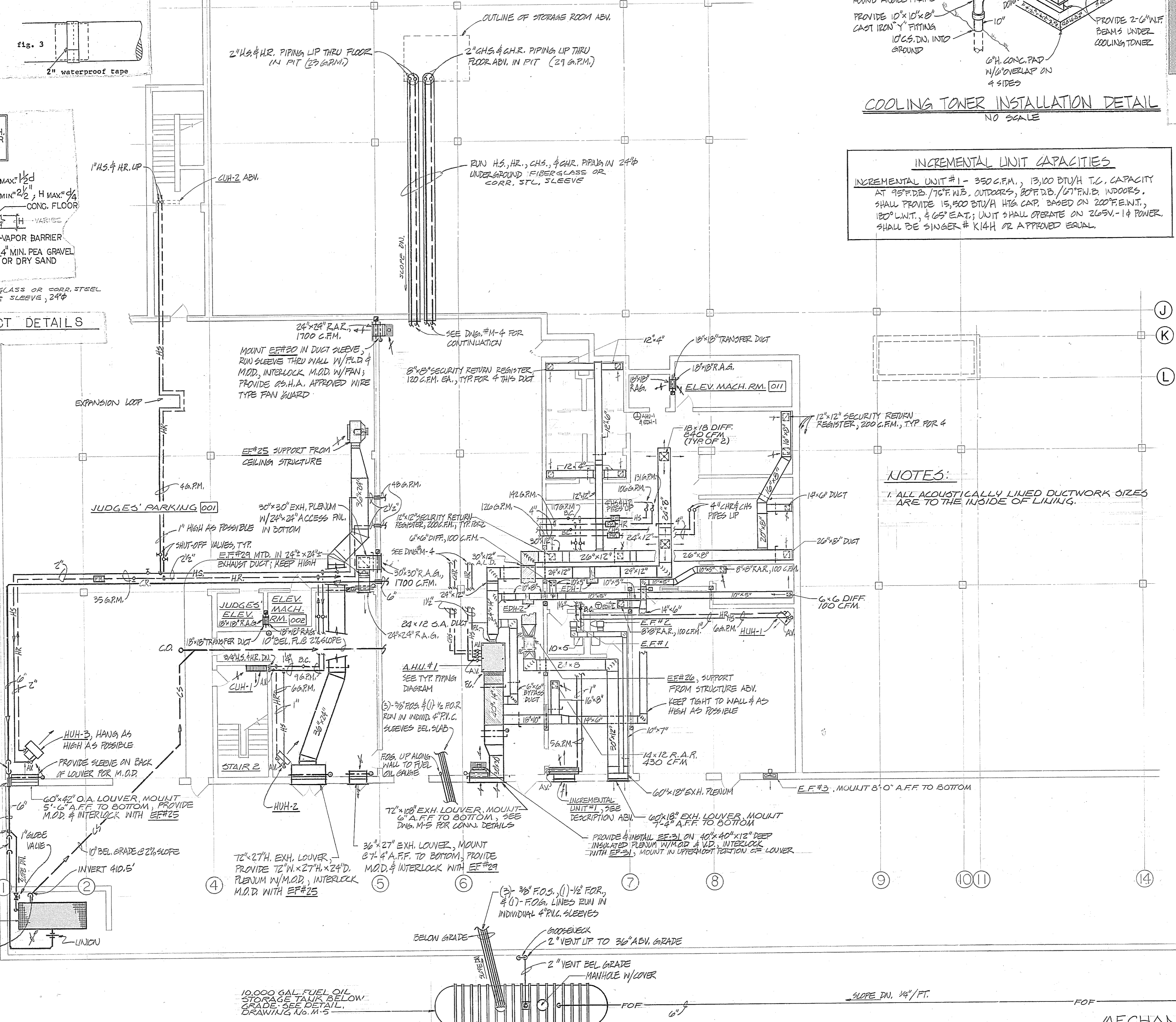
**INCREMENTAL UNIT CAPACITIES**

INCREMENTAL UNIT #1 - 350 C.F.M., 13,100 BTU/H T.C. CAPACITY AT 95°F DB, 70°F WB. OUTDOORS, 80°F DB, 67°F WB. INDOORS. SHALL PROVIDE 15,500 BTU/H HTG CAP. BASED ON 200°F ENT, 180° LWT, & 65° EAT; UNIT SHALL OPERATE ON 206.5V-1ϕ POWER. SHALL BE SINGER # K14H OR APPROVED EQUAL.

**GENERAL MECHANICAL NOTES**

1. Provide double thickness turning vanes at all elbows of supply, return, exhaust, and make-up air ductwork. Provide adjustable volume extractors at all duct tap-in points in supply or make-up air ductwork.
2. Shift diffusers, grilles and registers as required to fit in ceiling grid system. Report any discrepancies to Engineer prior to installation.
3. Provide automatic air vents at all high points of HS, HR, CHS, and CHR piping.
4. Piping of HS, HR, CHS and CHR systems shall slope slightly upward in direction of flow.
5. Provide flow meters as shown on each air handling unit, and as required to balance flow in CHS, CHR, HS and HR piping.
6. Provide shut-off valves on each piece of equipment, as shown on drawings, and as required to isolate each branch of HS, HR, CHS, and CHR piping. (See also the typical piping diagrams for equipment).
7. All condensate drains shall slope at 1/8" / ft.
8. Provide access to all valves, traps, balancing cocks, flow meters, flow switches, volume dampers, motor-operated dampers, fire dampers, etc. as required for adjustment, inspection and service. Provide access panels, plates or doors as required. Provide access panel in duct to inspect and reset fire dampers.
9. Provide balance cocks as required to balance flow through system, system loops and individual equipment and device loops of HS, HR, CHS and CHR piping and system.
10. Mount all thermostats on wall at 60" above finished floor unless specified otherwise.
11. Refer to Architectural, Electrical and Site Drawings as well as contract specifications for additional Mechanical Work.
12. Provide water, drain and/or other mechanical services and connections for all appliances, fixtures and items of equipment requiring the same and which are shown on any other contract drawings or specified in any section of the specifications, unless such connections are specified to be omitted.
13. Install every item of equipment in accordance with manufacturers recommendations and conditions for guarantee. Provide all accessories required to complete installation and function in accordance with intended purpose.
14. Comply with all applicable codes. In the event of a conflict between contract drawings and specifications and interpretation of the code by local authorities, the latter shall govern.
15. Prior to installing pipes, ducts, fixtures, appliances and other items of equipment, verify adequacy of clearance from equipment and structure shown on other contract drawings.
16. Install all ductwork in accordance with "SHACNA" low velocity duct construction standards.
17. Provide mechanical supports for all equipment. Where hangers are supported from bar joists, secure at panel points and top chords.

NOTES:  
1. ALL ACOUSTICALLY LINED DUCTWORK SIZES ARE TO THE INSIDE OF LIVING.



**BASEMENT FLOOR PLAN**  
SCALE: 1/8" = 1'-0"

**MECHANICAL - BASEMENT FLOOR PLAN**

Browne, Worrall & Johnson/Gutwein-Guenther Professional Association  
A Joint Venture  
2435 North Calvert Street  
Baltimore, Maryland 21218

Daft-McCune-Walker, Inc. 530 EAST JOPPA ROAD  
TOWSON, MARYLAND 21284

George Evans & Associates, Inc. 130 WEST HAMILTON STREET  
BALTIMORE, MARYLAND 21201

Moore/Lewis Inc. 2435 NORTH CALVERT STREET  
BALTIMORE, MARYLAND 21218

USING AGENCY APPROVAL  
Robert P. Smith  
DATE 3/22/83

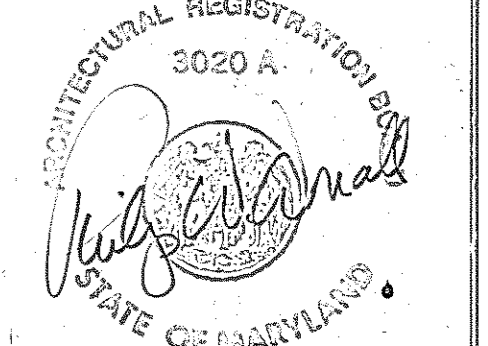
DEPARTMENT OF GENERAL SERVICES  
PROJECT ADMINISTRATOR  
DATE 3/23/83

REVISIONS  
REV #1 - 3-28-83

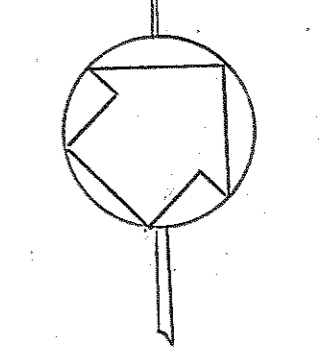
DIRECTOR, ENGR. & CONST.  
DATE

Northwest District Court  
Wabash Avenue  
Baltimore, Maryland

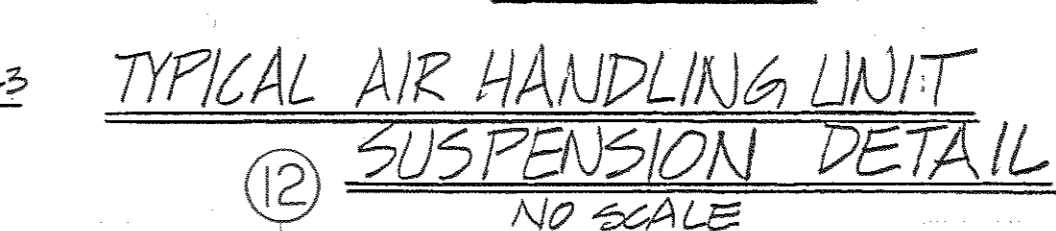
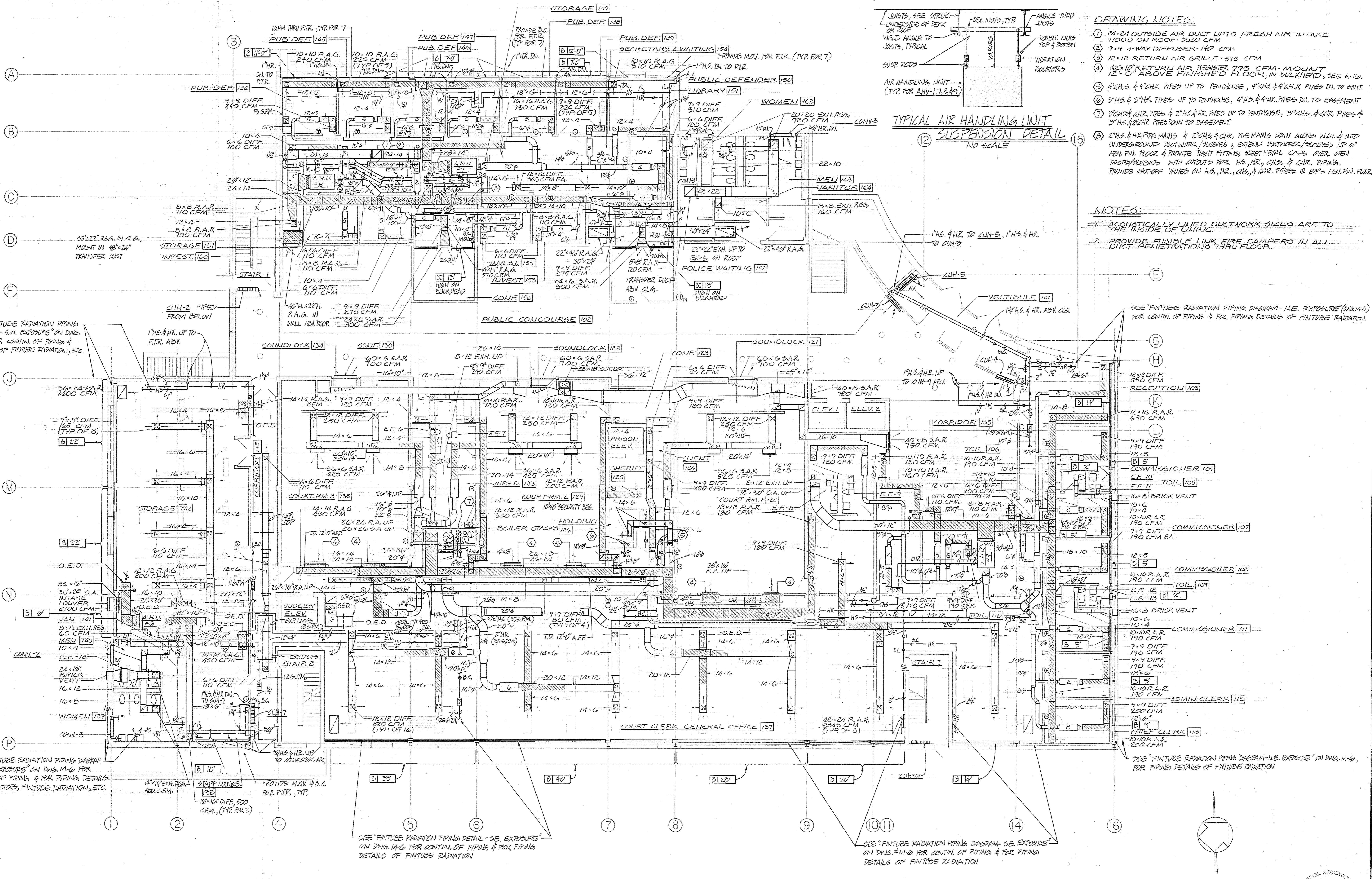
DRAWING NO.  
BC-900-751-001  
M1  
BY: JCG/PA 3104  
DATE: 20 JAN 1983



THESE PLANS AND SPECIFICATIONS HAVE BEEN PREPARED BASED ON INFORMATION PROVIDED BY OWNER. THE ARCHITECT/ENGINEER HAS NOT BEEN MADE AWARE OF THE ACCURACY OF THIS INFORMATION AND SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS WHICH MAY BE INCORPORATED HEREIN AS A RESULT.



6" FUEL OIL FILL IN CONC. PAD WITH C.I. ENCLOSURE, COVER & CAP



- DRAWING NOTES:**
- 24" x 24" OUTSIDE AIR DUCT UP TO FRESH AIR INTAKE HOOD ON ROOF - 3520 CFM
  - 9" x 9" 4-WAY DIFFUSER - 140 CFM
  - 12" x 12" RETURN AIR GRILLE - 575 CFM
  - 42" x 10" RETURN AIR REGISTER ITS CFM - MOUNT 12" x 6" ABOVE FINISHED FLOOR, IN BULKHEAD, SEE A-16.
  - 4" x 5" & 4" x 4" PIPES UP TO TENTHOUSE, 4" x 5" & 4" x 4" PIPES DN. TO BASEMT
  - 3" x 5" & 3" x 4" PIPES UP TO TENTHOUSE, 4" x 5" & 4" x 4" PIPES DN. TO BASEMENT
  - 3" x 5" & 4" x 4" PIPES UP TO TENTHOUSE, 3" x 5" & 4" x 4" PIPES DN. TO BASEMENT
  - 2" x 5" & 4" x 4" HR PIPE MAINS & 2" x 5" & 4" x 4" HR PIPE MAINS DOWN ALONG WALL & INTO UNDERGROUND DUCTWORK/SLEEVES; EXTEND DUCTWORK/SLEEVES UP 6" ABV FIN. FLOOR & PROVIDE TIGHT FITTING SHEET METAL CAPS OVER OPEN DUCTS/SLEEVES WITH CUTOFF FOR HS, HR, GAS, & CHR. PIPING. PROVIDE SHUT-OFF VALVES ON HS, HR, GAS, & CHR. PIPES @ EA'S ABV FIN. FLOOR.

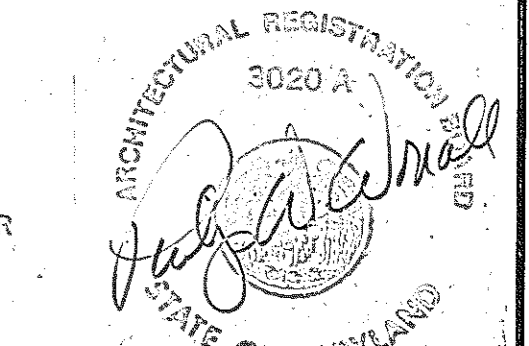
- NOTES:**
- ACOUSTICALLY LINED DUCTWORK SIZES ARE TO THE INSIDE OF LINING.
  - PROVIDE FUSIBLE LINK FIRE DAMPERS IN ALL DUCT PENETRATIONS THRU FLOOR.

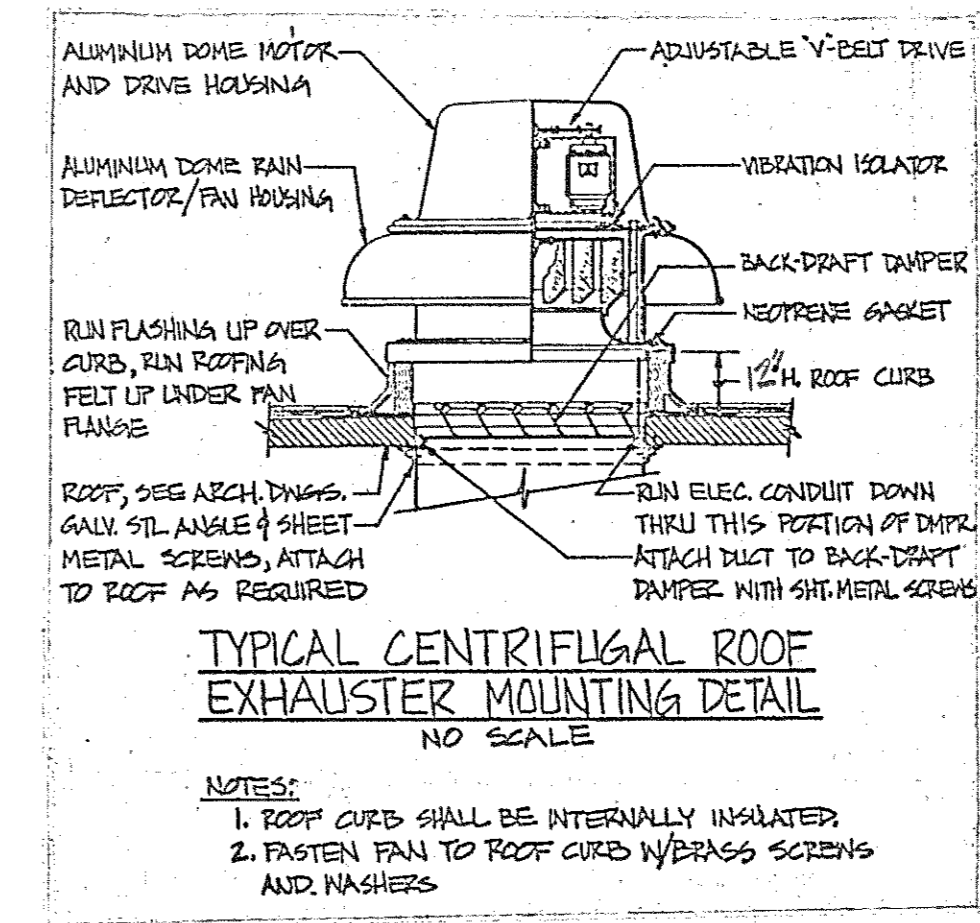
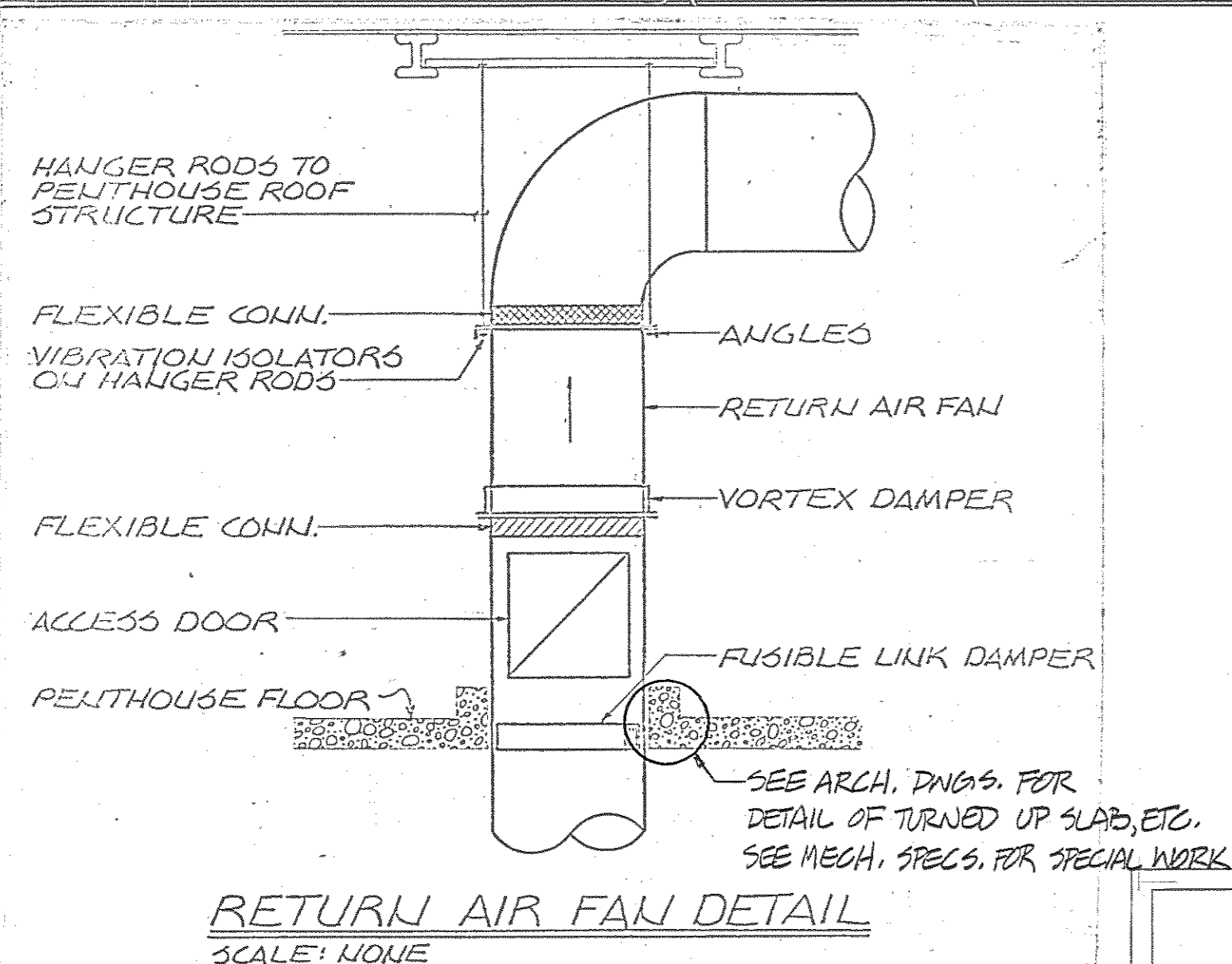
**GROUND FLOOR PLAN**  
SCALE: 1/8" = 1'-0"

**MECHANICAL-GROUND FLOOR PLAN**

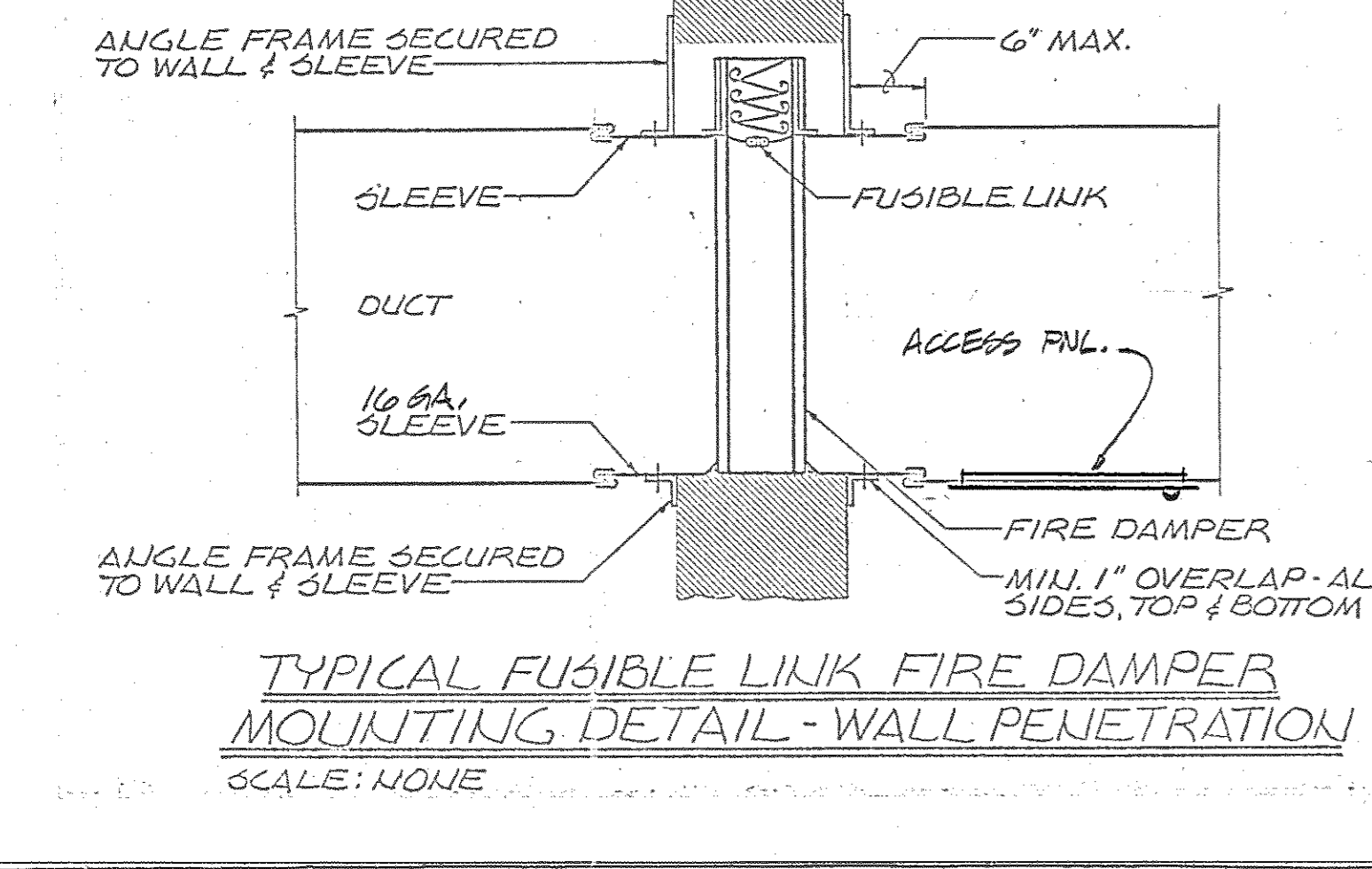
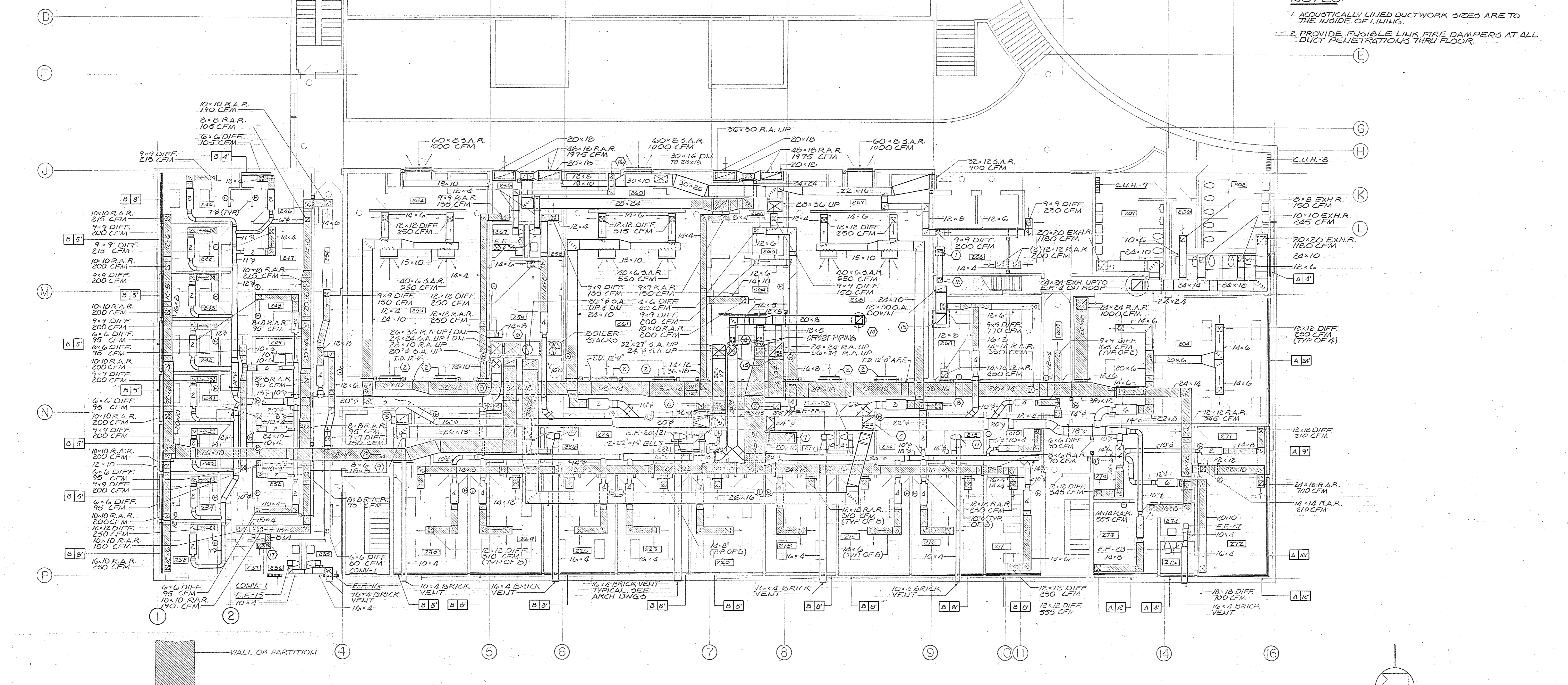
Browne, Worrall & Johnson/Gutwein-Guenther Professional Association 2435 North Calvert Street Baltimore, Maryland 21218		USING AGENCY APPROVAL <i>Robert D. Sival</i> PROJECT ADMINISTRATOR 3/13/83 DATE		DEPARTMENT OF GENERAL SERVICES PROJECT ADMINISTRATOR 3/13/83 DATE		REVISIONS REV #1-3-28-23		Northwest District Court Wabash Avenue Baltimore, Maryland		DRAWING NO. BC-000-751-001 <b>M2</b> BXUJ/GSPA 3104 DATE: 20 JAN 1983	
Daft-McCune-Walker, Inc. 330 EAST JOPPA ROAD TOWSON, MARYLAND 21284		George Evans & Associates, Inc. 130 WEST HAMILTON STREET BALTIMORE, MARYLAND 21201		Moore/Lewis Inc. 2435 NORTH CALVERT STREET BALTIMORE, MARYLAND 21218		TITLE DATE		DIRECTOR, ENGR & CONST. DATE		FILE NO. 84 - DWG. NO. 400	

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- DRAWING NOTES:**
- 8" x 10" EXHAUST DUCT UPTO 10" x 10" EXHAUST HOOD ON ROOF
  - 48" x 8" RETURN AIR REGISTER- 805 CFM. MOUNT 12'-0" ABOVE FINISHED FLOOR.
  - 26" x 9" SUPPLY AIR DUCT UP
  - 10" x 10" SECURITY EXHAUST REGISTER
  - 26" x 16" RETURN AIR DUCT DOWN.
  - 36" x 22" RETURN AIR DUCT UP
  - 18" x 18" RETURN AIR GRILLE- 795 CFM
  - 12" x 12" DIFFUSER- 265 CFM- 14" x 6" DUCT.
  - EXHAUST FAN # 17
  - EXHAUST FAN # 18 & 19 w/ 10" x 4" DUCT EXHAUST FAN # 24
  - 8" x 10" EXHAUST DUCT DOWN.
  - 24" x 24" OUTSIDE AIR DUCT UPTO 24" x 24" FRESH AIR INTAKE HOOD ON ROOF.
  - 18" x 18" EXHAUST DUCT UPTO E.F.#32 ON ROOF
  - 14" x 6" EXHAUST DUCT DOWN.
  - 8" x 12" EXHAUST DUCT DOWN & 12" x 12" UPTO 14" x 14" CAP ON ROOF.
  - 6" x 6" RETURN AIR REGISTER- 40 CFM.
- NOTES:**
- ACOUSTICALLY LINED DUCTWORK SIZES ARE TO THE INSIDE OF LINING.
  - PROVIDE FUSIBLE LINK FIRE DAMPERS AT ALL DUCT PENETRATIONS THRU FLOOR.



**SECOND FLOOR PLAN**  
SCALE: 1/8" = 1'-0"

**MECHANICAL - SECOND FLOOR PLAN**

Browne, Worrall & Johnson/Gutwein-Guenther Professional Association  
A Joint Venture  
2435 North Calvert Street  
Baltimore, Maryland 21218

Daft-McCune-Walker, Inc. 530 EAST JOPPA ROAD TOWSON, MARYLAND 21204

George Evans & Associates, Inc. 130 WEST HAMILTON STREET BALTIMORE, MARYLAND 21201

Moore/Lewis Inc. 2435 NORTH CALVERT STREET BALTIMORE, MARYLAND 21218

USING AGENCY APPROVAL  
*Robert B. Smith*  
ADMINISTRATOR, DECE 2/29/83 DATE

DEPARTMENT OF GENERAL SERVICES  
*James H. ...*  
PROJECT ADMINISTRATOR DATE

REVISIONS  
REV. #1-3 29-83

Northwest District Court  
Wabash Avenue  
Baltimore, Maryland

DRAWING NO. BC-8002751-001  
**M3**  
BWJ/GCPA 8104  
DATE: 20 JAN 1983

FILE NO. 84 - DWG. NO. 407

2" H.S. & H.R. PIPES IN 24" FIBERGLASS OR GALVANIZED STEEL SLEEVE, SEE DWG. # M-1

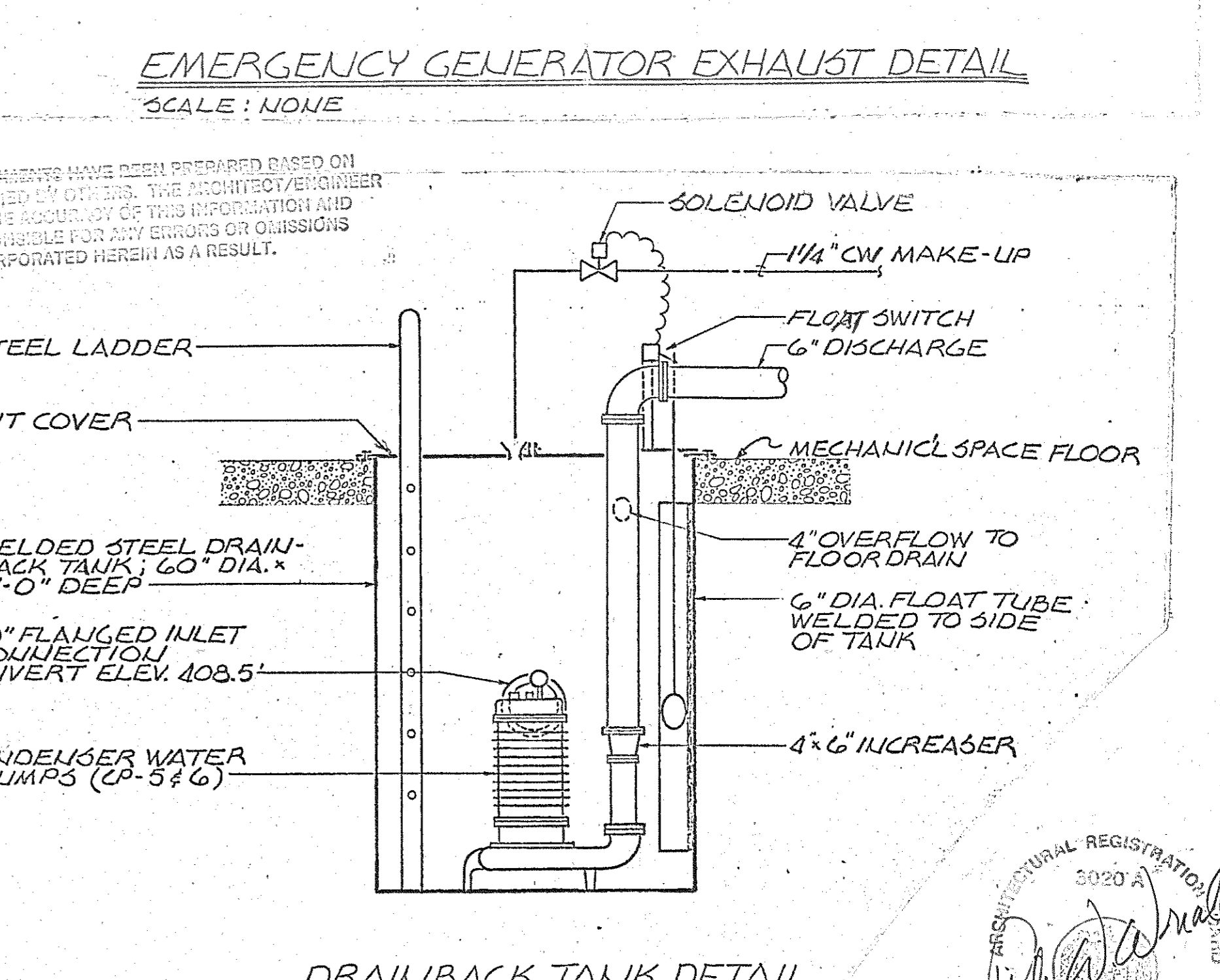
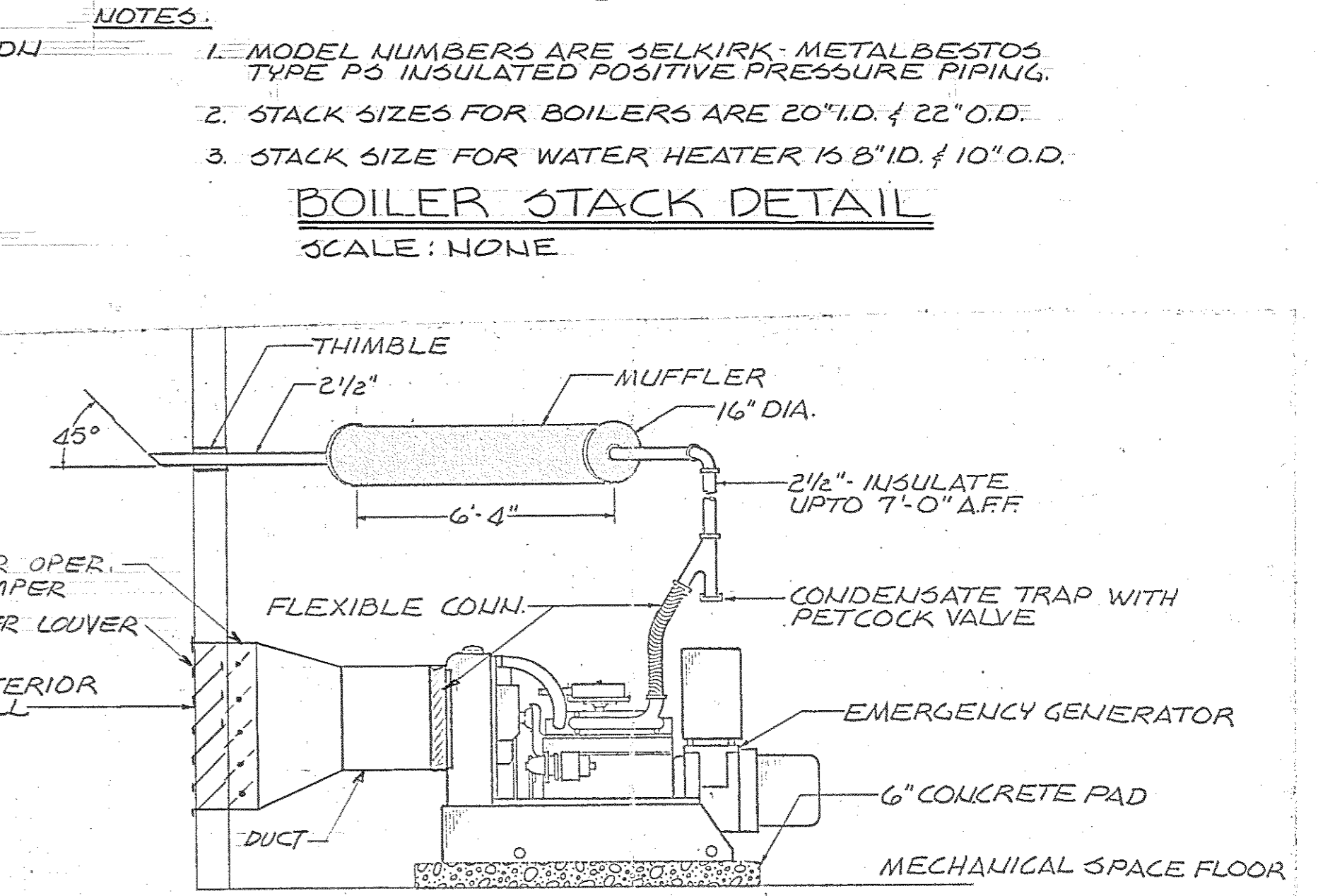
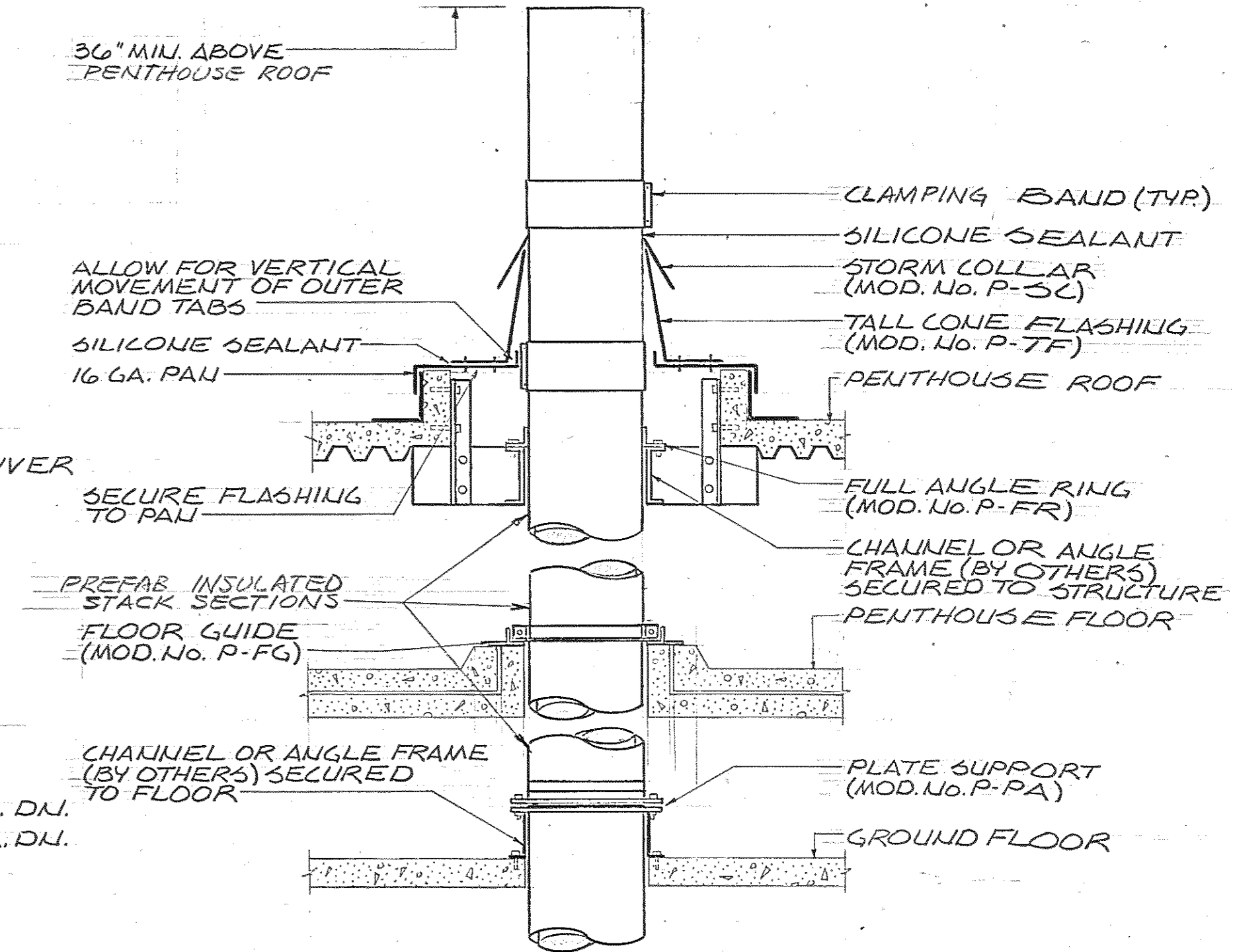
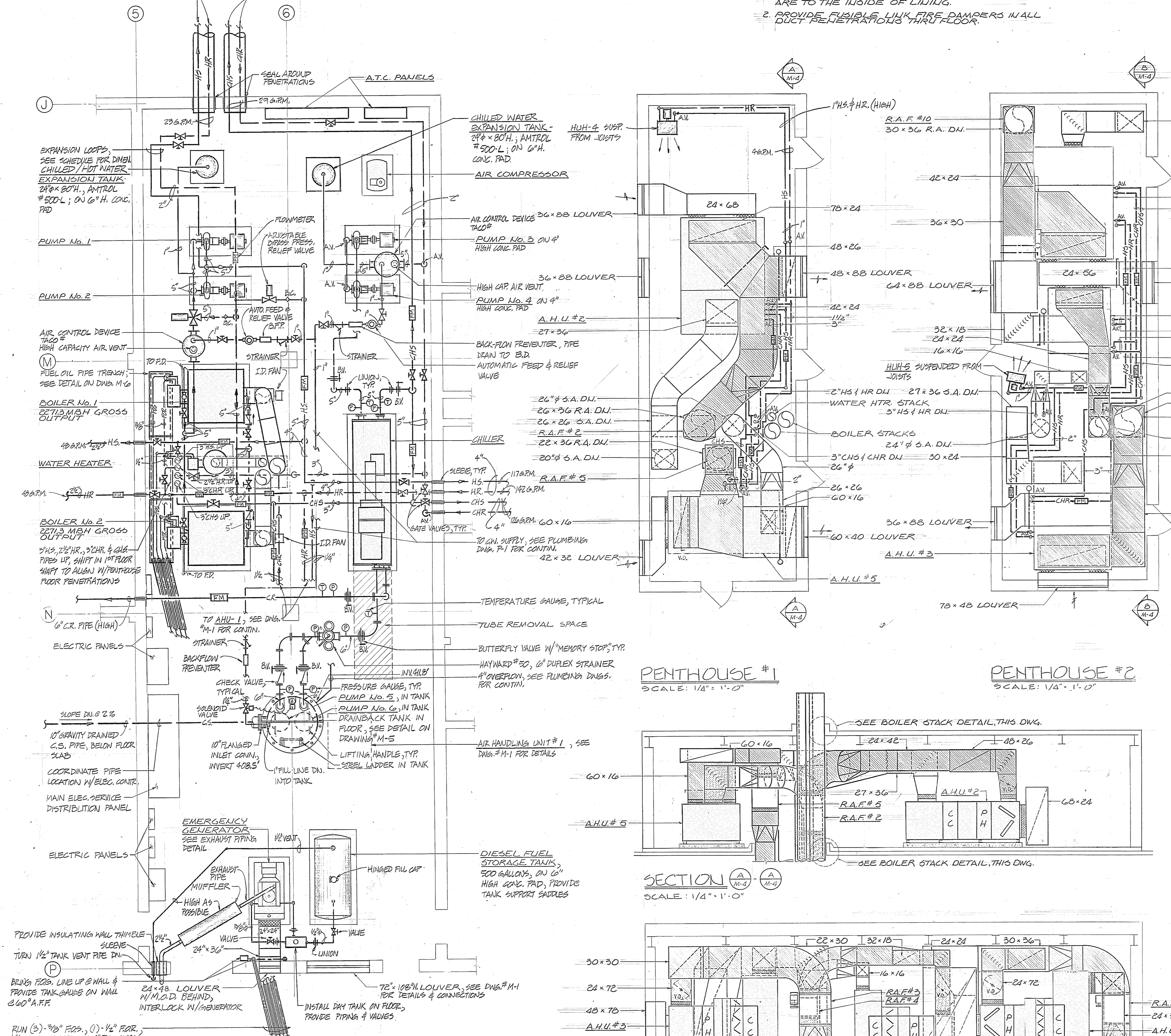
2" C.H.S. & C.H.R. IN 24" FIBERGLASS OR GALVANIZED STEEL SLEEVE, SEE DWG. # M-1

**NOTES:**

1. ALL ACOUSTICALLY LINED DUCTWORK SIZES ARE TO THE INSIDE OF LINING.
2. PROVIDE FUSIBLE LINK FIRE DAMPERS IN ALL DUCT PENETRATIONS THRU FLOOR.

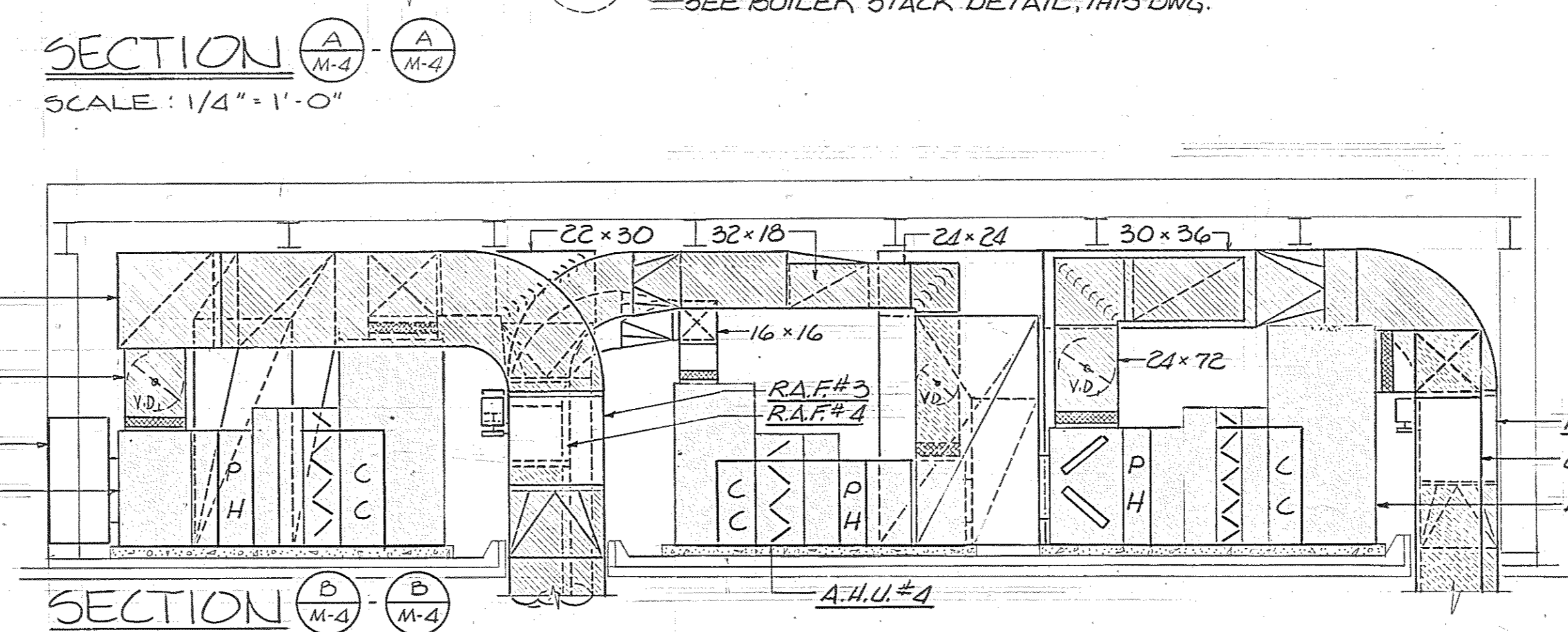
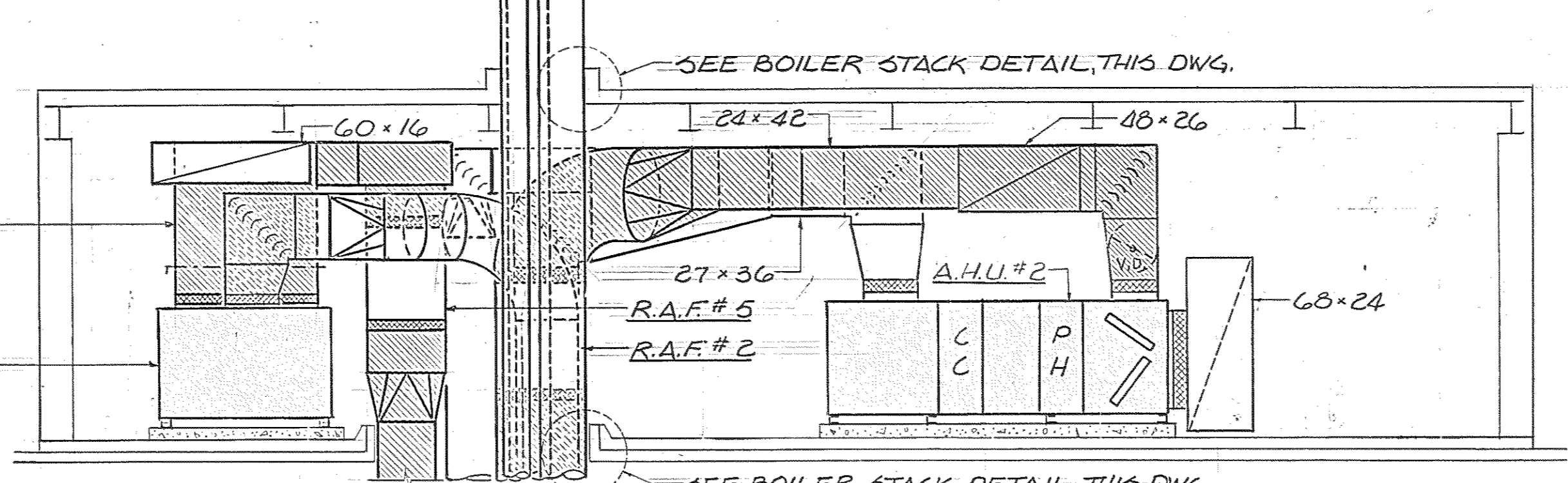
**Major Equipment Schedule**

1. Boilers (2) - 40 psig cast iron, 82 oil fired packaged hot water boilers; 2,271 MBH net I.B.R. rating; 22.5 gph firing rate; Well-McCain PL-1094-WF or approved equal.
2. Chiller - hermetic centrifugal type; 160 tons capacity; to cool 320 gpm water ent. at 85°; cooler P.D. 15' maximum condenser P.D. 18' maximum; 190 KW POWER; UNIT SHALL RUN ON 480V-60 Hz POWER. CARRIER #19DH OR APPR. EQUAL.
3. Cooling tower - blow thru, one side inlet; top discharge; to cool 480 gpm water from 95° to 85° with 78° ambient; 15 hp from motor; Baltimore Aircoil VXR-165 with Ballbond coating or approved equal. SHALL OPERATE ON 480V-60 Hz POWER.

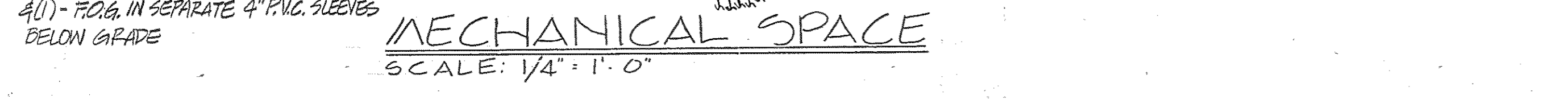


**PENTHOUSE #1**  
SCALE: 1/4" = 1'-0"

**PENTHOUSE #2**  
SCALE: 1/4" = 1'-0"



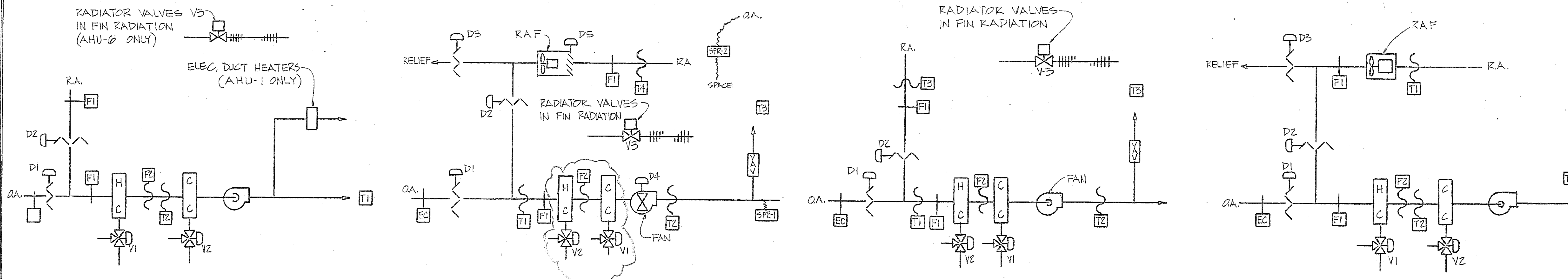
**MECHANICAL SPACE**  
SCALE: 1/4" = 1'-0"



Browne, Worrall & Johnson/Gutwein-Guenther Professional Association A Joint Venture 2435 North Calvert Street Baltimore, Maryland 21218		USING AGENCY APPROVAL Robert B. Seibel PROJECT ADMINISTRATOR DATE 3/29/83		DEPARTMENT OF GENERAL SERVICES PROJECT ADMINISTRATOR DATE 3/31/83		REVISIONS 1. REV. #1 3-28-83		Northwest District Court Wabash Avenue Baltimore, Maryland		DRAWING NO. BC-000-751-001 <b>M4</b> BWL/GGPA 8104 DATE: 20 JAN 1983	
Daft-McCune-Walker, Inc. TOWSON, MARYLAND 21284		George Evans & Associates, Inc. 130 WEST HAMILTON STREET BALTIMORE, MARYLAND 21201		Moore/Lewis Inc. 2435 NORTH CALVERT STREET BALTIMORE, MARYLAND 21218		TITLE MECHANICAL SPACE & PENTHOUSES		DIRECTOR, ENGR. & CONST.		FILE NO. 84 - DWG. NO. 408	



# AUTOMATIC TEMPERATURE CONTROL DIAGRAMS

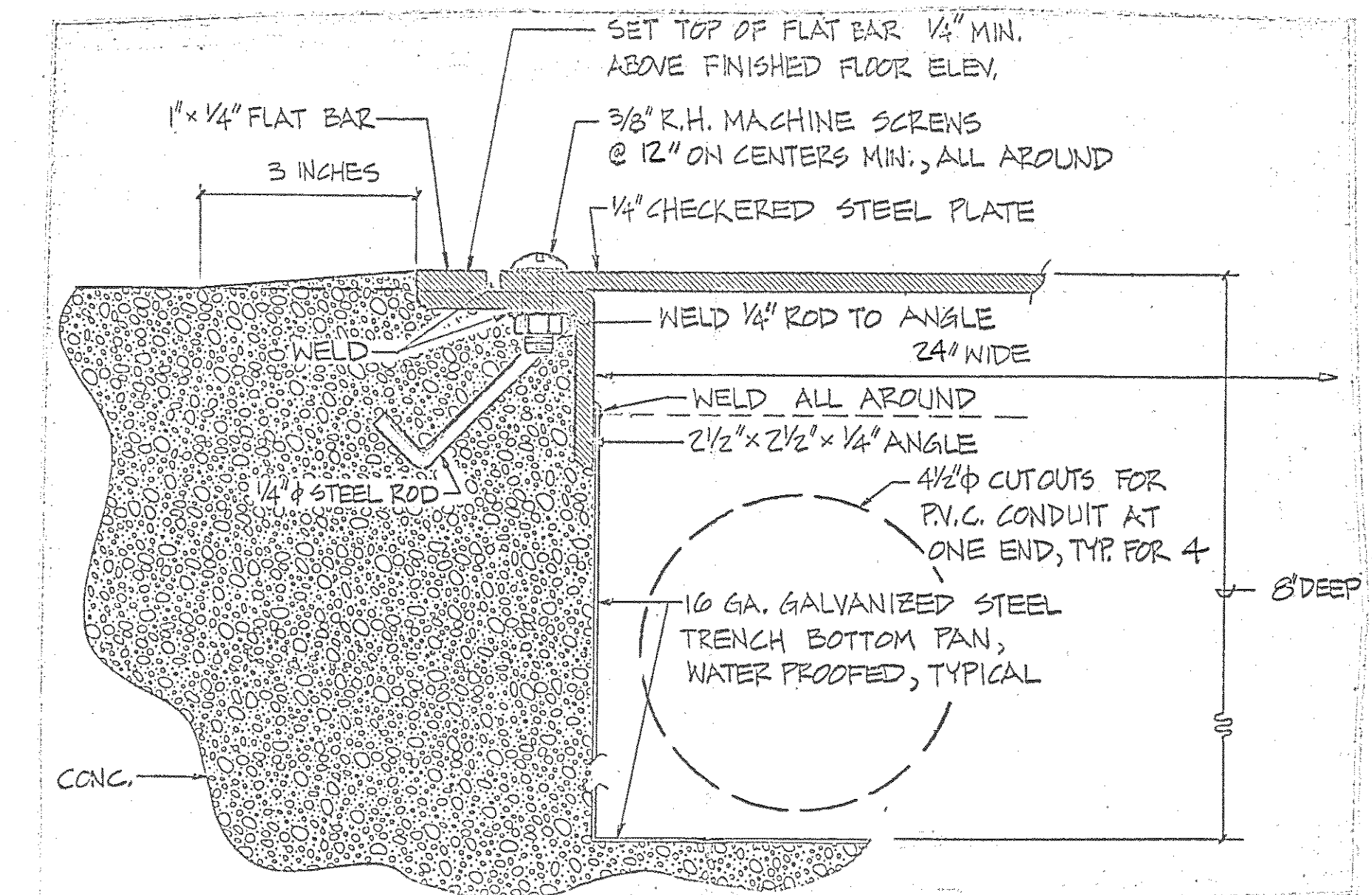


**AIR HANDLING UNITS #1 & #6**

**AIR HANDLING UNITS #2 THRU #5 (TYPICAL)**

**AIR HANDLING UNITS #7, #8, #9 (TYPICAL)**

**AIR HANDLING UNIT #10**



**DETAIL OF FUEL OIL PIPE TRENCH**

**A.H. UNIT #1**

AHU-1 sequence is similar to AHU-6, except that either of 2 room stats T1 and T-1A modulate V1 closed, then open V2 to suit cooling demand of either space. Room thermostats T3 and T-3A control individual ELECTRIC DUCT HEATERS to prevent overcooling. There is no R.A. damper D2 as the unit is fixed at 90% outside air at all times.

**A.H. UNIT #6**

- On a rising temperature, T1 and T-1A modulates radiator valves V3 closed, modulates V1 closed in sequence, then modulates dampers toward 100% OA, subject to low limit T2 (50%) to maintain 70°.
- When space temperature rises to 78°, T1 modulates V2 open.
- During Unoccupied cycle, T1 cycles the fan, with D1 closed, to maintain 60°.

**A.H. UNITS #2 thru #5 (typical)**

- T1 modulates dampers D1, 2, 3 from minimum setting to 100% OA, to maintain 55°.
- T2 modulates V1 (when chiller is on) to maintain 55°.
- SPR-1 (located 2/3 downstream from unit) modulates inlet vanes D4 to maintain supply duct static.
- SPR-2 modulates RAP inlet vanes D5 to maintain space static relative to outdoors, as system volume varies.
- Room thermostat T3 (typical) modulates its VAV terminal to maintain 78°, closing it to minimum flow setting on temperature fall.
- T3 in perimeter spaces with HWBB radiation controls radiator valves in sequence with VAV box, with adjustable dead band between box closure and valve opening. Provide main air to each VAV box.
- D4 and D5 close when their fans stop, for no-load startup.

**A.H. UNITS 7, 8 and 9 (typical)**

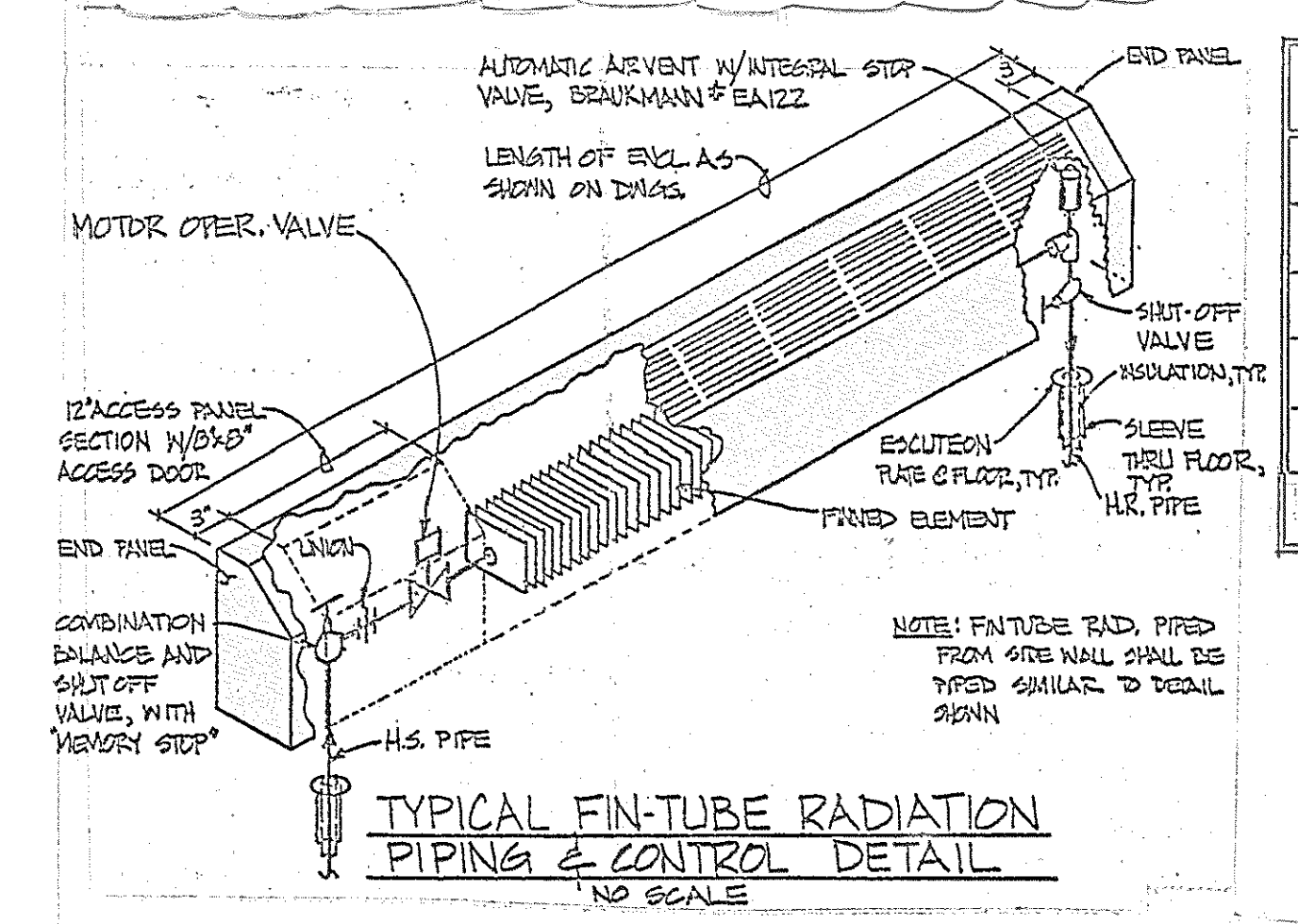
- T1 modulates dampers D1 and 2 from minimum setting to 100% OA to maintain 55°.
- T2 modulates V1 (when chiller is on) to maintain 55°.
- Room thermostat T3 (typical) modulates its VAV terminal to maintain 78°, closing to minimum on temperature fall.
- T3 in perimeter spaces with HWBB radiation controls radiator valves in sequence with VAV box, with adjustable dead band between box closing and valve opening. Provide Main Air to each VAV box.
- D3 closes when fan stops.
- Provide a warmup cycle for 7 and 8 only, in which T2 controls V2 to supply 100% air, with D1 and V1 closed, and all VAV boxes open, until temperature at T3 reaches 70°.
- NO INLET VANE CONTROL OR FAN VOLUME CONTROL THESE UNITS.

**A.H. UNIT 10**

- On a rising RA temperature, T1 modulates V1 closed, then modulates dampers toward 100% OA, subject to low limit T2 (50%), to maintain 70°.
- When RA temperature rises to 78°, T1 modulates V2 open.
- During Unoccupied cycle, space thermostat T3 cycles fans, with D1 and D3 closed, to maintain 60°.

**General Notes for ATC Diagrams:**

- OA damper D1 (and relief D3) close whenever the unit fan stops.
- Enthalpy controller EC prevents D1 from opening beyond minimum (adjustable) setting when outdoor air enthalpy exceeds its setpoint.
- Firestats F1 stop fans at 125°.
- Freezestat F2 stops fan at 35°.
- Occupied - Unoccupied scheduling will be under control of the Owner's computerized central monitoring system at the Preston Street office complex, with local override capability. Provide manual 0-6 hour timers for each AHU, to permit on-site override of Unocc. cycle. Timer operation shall start fan and index thermostats to Occ setting. Locate manual timers in the spaces served, where shown on the drawings.
- RA fans are interlocked (by ATC) to run with SA fans.
- During Occupied cycle, fans run continuously. During Unoccupied cycle, fans are off, and thermostats which control perimeter radiation are indexed to a lower (60°) setpoint. AH Units #1, 10 and #6 are cycled during Unoccupied cycle to maintain 60°.
- Interlock supply and return air fans to run together.



TYPE	MANUFACT. & MODEL NO.	REMARKS
SECURITY RET. REG.	TUTTLE & BAILEY 56-4301-EO	W/ DAMPER
RETURN AIR REG.	TITUS #13-RL5	
SUPPLY AIR DIFF.	TITUS # TDC	
SUPPLY AIR REG.	TITUS # CT-16	
RETURN AIR GRILLE	TITUS #13-RL	NO DAMPER

NO.	MSH	DIMENSIONS		TRANE MOD. NO.	REMARKS
		D. x H. x L.	TRANE MOD. NO.		
1	1.6	4" x 14" x 26"	RG430L	RECESSED	
2	3.2	4" x 18" x 38"	RG430L	RECESSED	
3	2.2	4" x 14" x 32"	RG430L	RECESSED	
4	4.2	4" x 18" x 44"	RG430L	RECESSED	

**NOTE: SIZING IS BASED ON 170° ENT & 70° EXT**

NO.	TYPE	MSH	CFM	RAV	GPM	TRANE MOD. NO.	REMARKS
CUH-1	INV. CAB.	28.4	300	1100	2.87	M4G40-03	FLOOR MTD.
CUH-2	INV. CAB.	36.7	400	1100	3.75	M4G40-04	FLOOR MTD.
CUH-3	RECES. INV. CAB.	36.7	400	1100	3.75	M4G40-04	WALL MTD. 6" AFF.
CUH-4	RECES. INV. CAB.	36.7	400	1100	3.75	M4G40-04	WALL MTD. 6" AFF.
CUH-5	RECES. INV. CAB.	70.2	1000	775	7.16	M4G40-10	WALL MTD. 6" AFF.
CUH-6	INV. CAB.	36.7	400	1100	3.75	M4G40-04	FLOOR MTD.
CUH-7	INV. CAB.	36.7	400	1100	3.75	M4G40-04	FLOOR MTD.
CUH-8	INV. CAB.	36.7	400	1100	3.75	M4G40-04	FLOOR MTD.
CUH-9	INV. CAB.	28.4	300	1100	2.87	M4G40-03	FLOOR MTD.
HUH-1	SUSP. FR. JOISTS	55.1	1160	1550	5.7	UHSA-090W2-A-AAE	28" THROW - 1/2 HP
HUH-2	SUSP. FR. JOISTS	55.1	1160	1550	5.7	UHSA-090W2-A-AAE	28" THROW - 1/2 HP
HUH-3	SUSP. FR. JOISTS	53.0	1020	1100	3.7	UHSA-090W2-A-AAE	65" THROW - 3/4 HP
HUH-4	SUSP. FR. JOISTS	35.6	755	1550	3.76	UHSA-060W2-A-AAE	22" THROW - 1/2 HP
HUH-5	SUSP. FR. JOISTS	35.6	755	1550	3.76	UHSA-060W2-A-AAE	22" THROW - 1/2 HP

**NOTES:**

- ALL UNIT HEATERS ARE 120V-1Ø EXCEPT HUH-2, WHICH IS 480V-3Ø.
- CUH'S ARE BASED ON 170° ENT, 70° E.A.T., & 20° AC W.T.D.
- HUH'S ARE BASED ON 180° ENT, 70° E.A.T., & 20° AC W.T.D.
- CUH-3 & 4 SHALL HAVE MAX. FACE FIN. LENGTH OF 51".
- CUH-5 SHALL HAVE MAX. FIN. LENGTH OF 66".
- CUH-2 SHALL HAVE MAX. LENGTH OF 44".

**FINTUBE RADIATION LIST**

**Type "A" Fintube Radiation** - Aluminum extruded top/linear grille; wall mounted, 7" H. x 5-9/16" D. encl. - 1 row - 1" copper tube/1/4" aluminum fin element, 48 fins/ft., 1100 BTU/H/L.F. @ 180° A.W.T. and 65° E.A.T.; shall be Vulcan "Dura-Vane" - style "DVW" or approved equal. Mount at window sill height.

**Type "B" - Fintube Radiation** - Aluminum extruded top/linear grille; wall mounted, 12-9/16" H. x 4-1/2" D. encl., 1 row - 1" copper tube/ 3/4" aluminum fin element, 48 fins/ft., 930 BTU/H/L.F. @ 180° A.W.T. and 65° E.A.T.; shall be Vulcan "Dura-Vane" style "DV3" or approved equal. Mount at window sill height.

**Type "B1" - Fintube Radiation** - Same as type "B" except mount high on wall, an enclosure shall be inverted.

**ELECTRIC DUCT HEATER LIST**

**NOTES:**

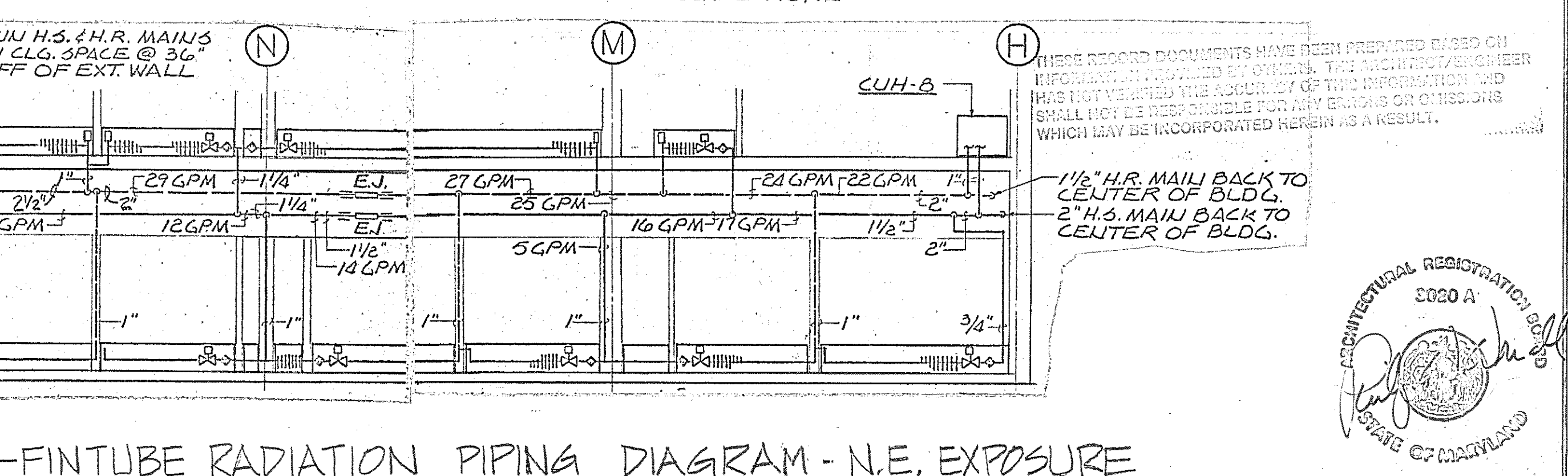
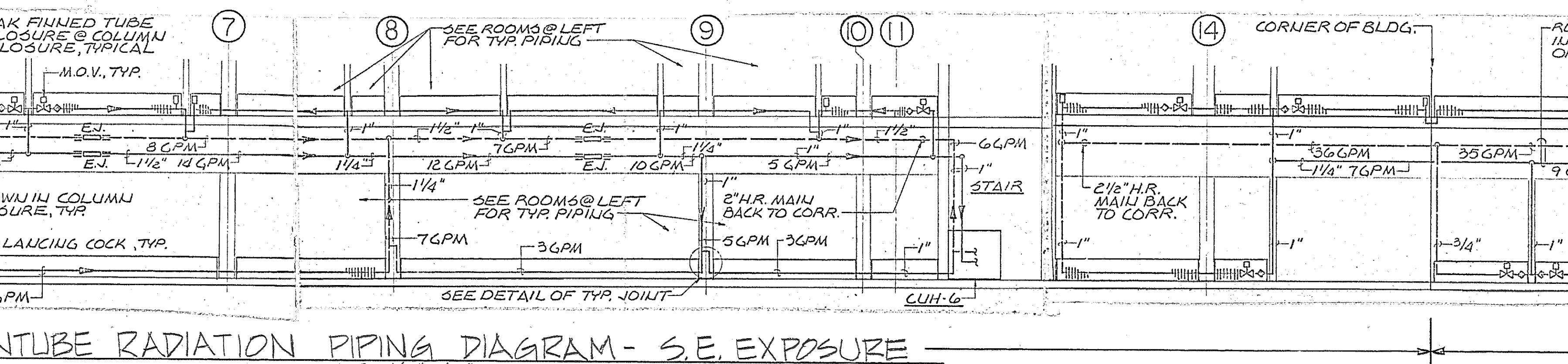
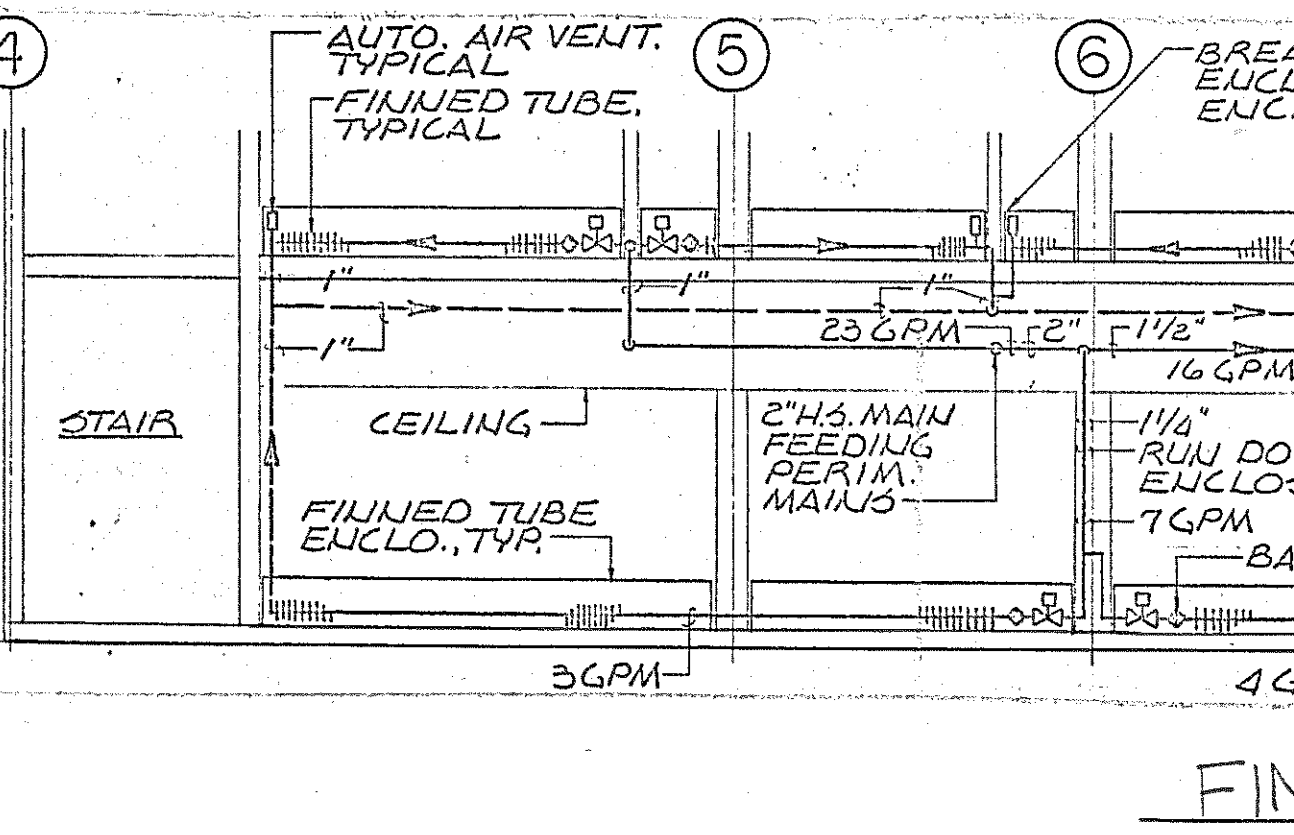
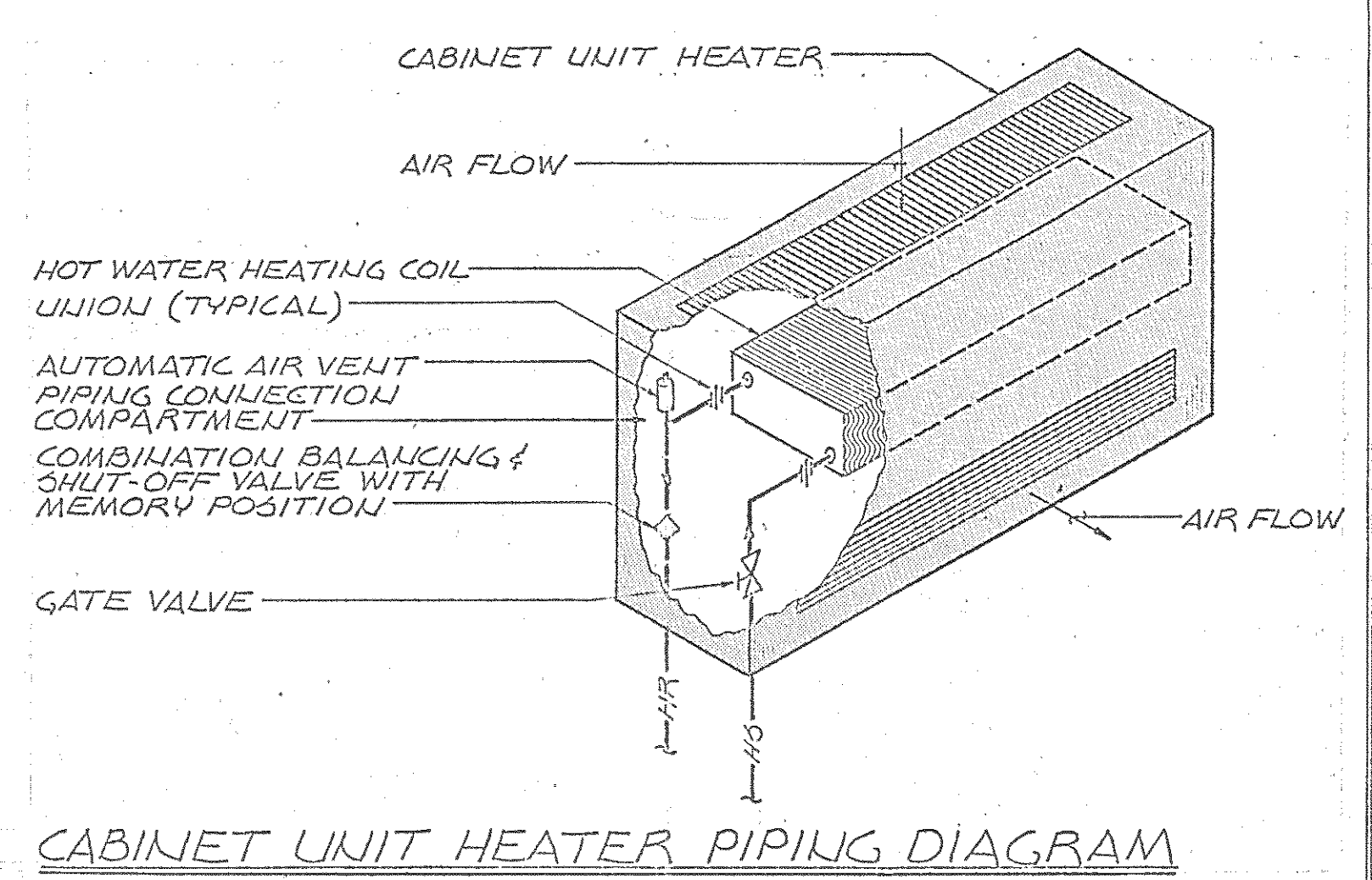
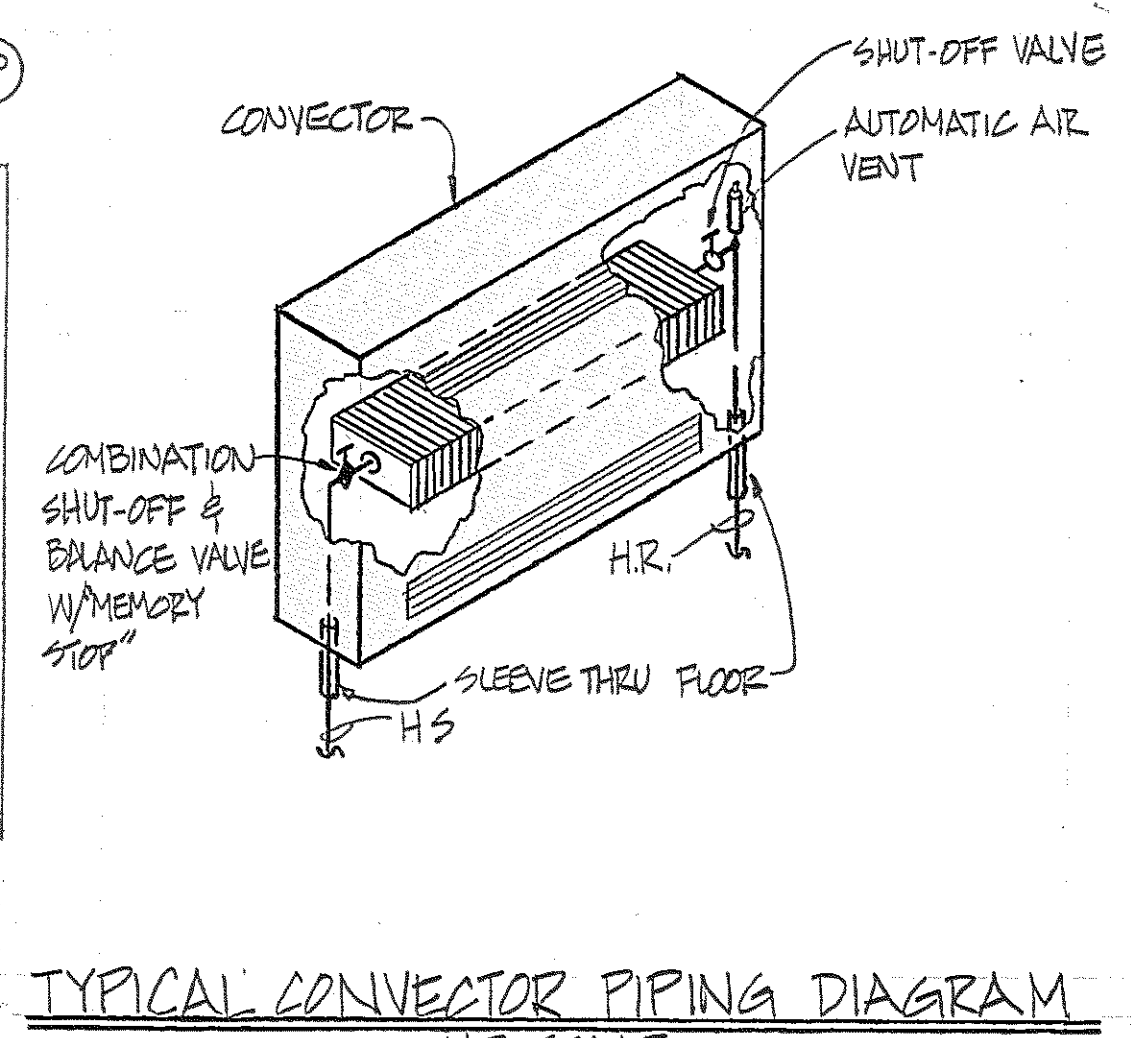
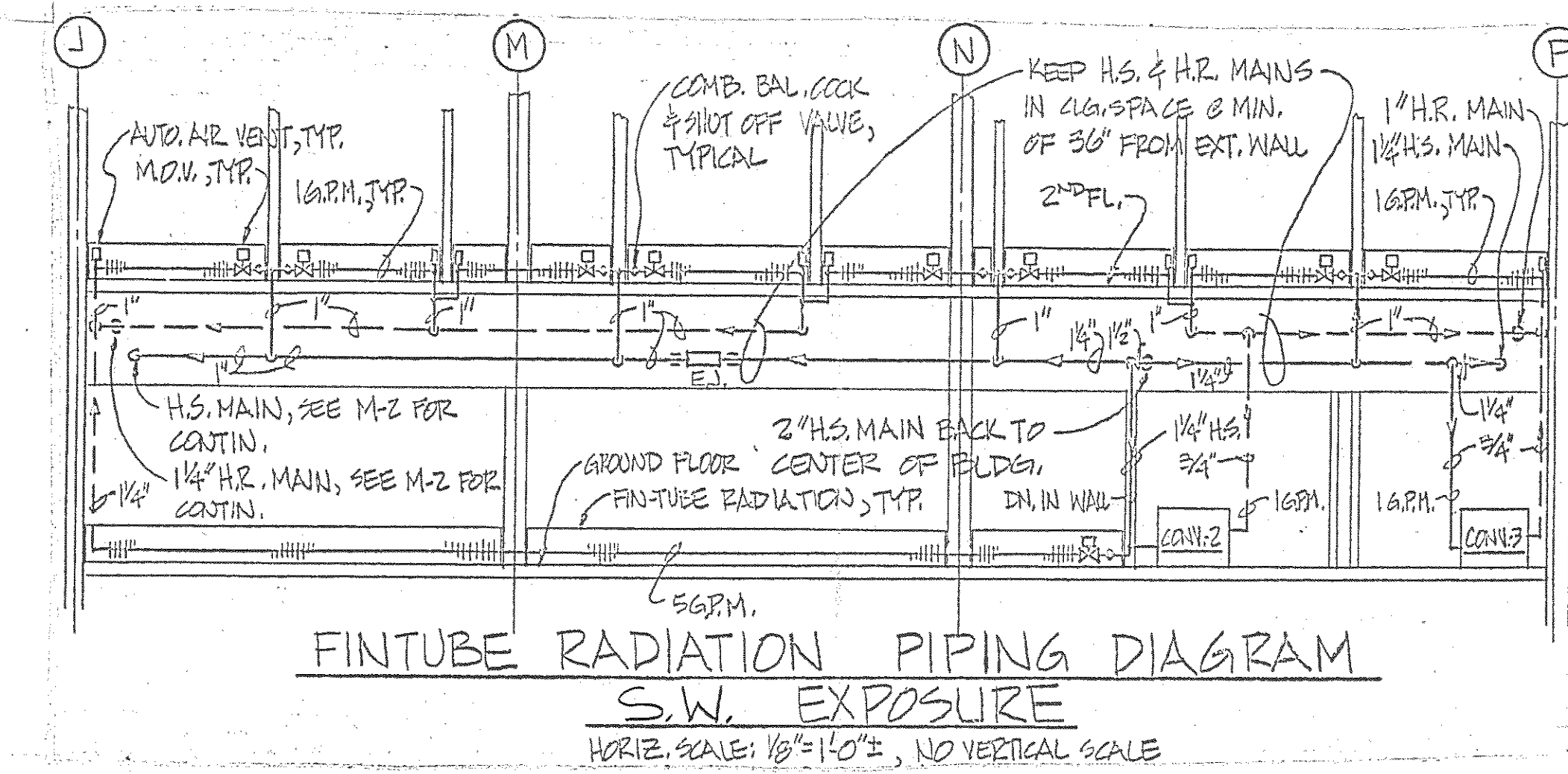
- Provide flanged type duct heaters, transition as required, to connect to ductwork.
- Provide air flow switch, control transformer, magnetic control contactor, control wiring, thermostat with subbase, disconnect switch, pilot light (mounted @ thermostat), and overheat safety for each electric duct heater.

**Electric Duct Heater #1 - (EDH-1):**

58 M.B.H., 17 K.W., 1680, C.F.M., 24" W. x 12" H., 480V.-3 Phase. Provide 2 stages of heat, 8.5 kW each, and 2-STEP Controls. Shall be Valley Industries #17RPF-24" x 12"-2-4803-24 or approved equal. Maximum pressure drop of 0.06" S.P.

**Electric Duct Heater #2 - (EDH-2):**

2 K.W., 290 C.F.M., 10" x 8" 480V.-3 Phase. Shall be Valley Industries #2RPF-10" x 8" - 1-4803-24 or approved equal.

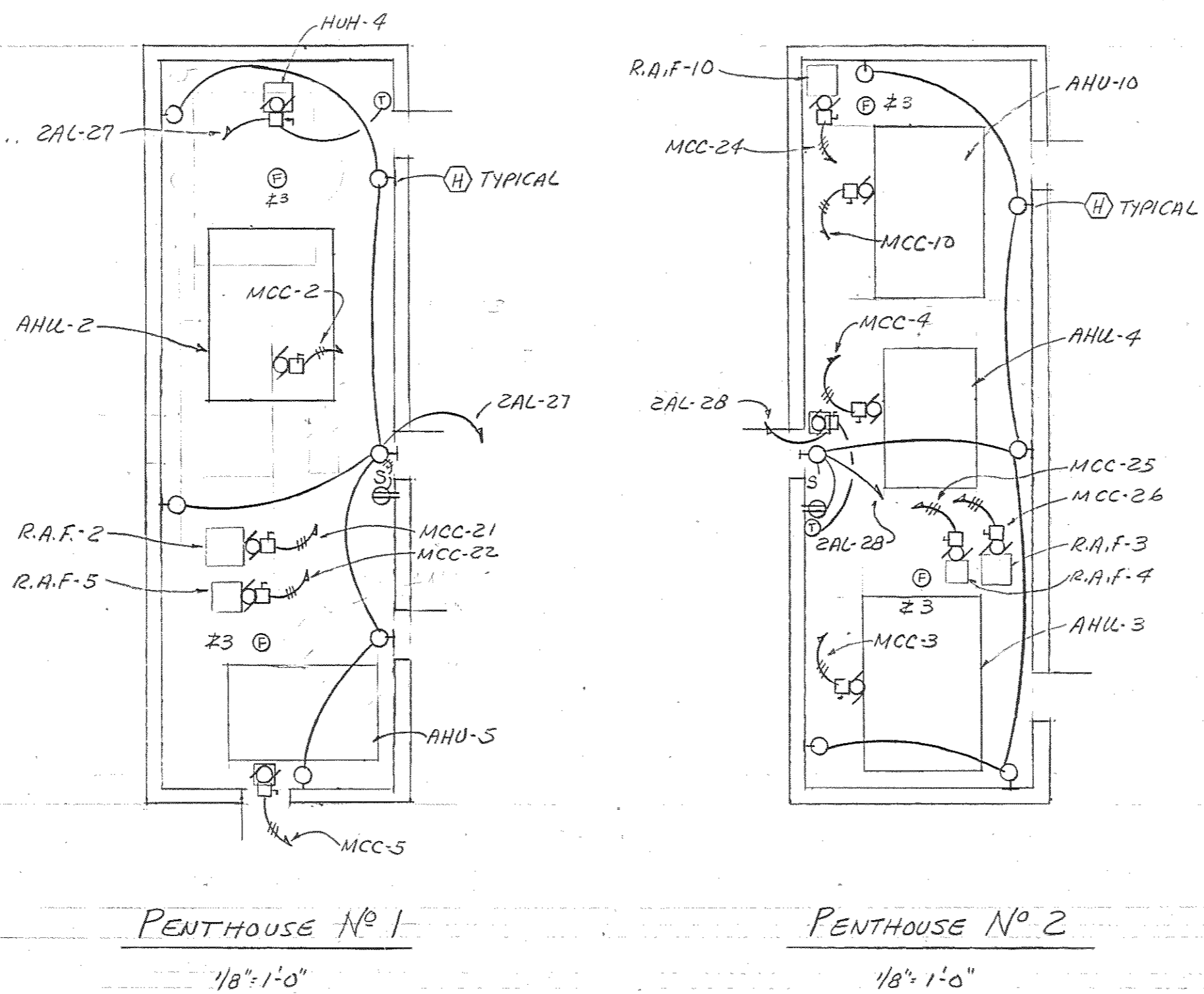


<b>Browne, Worrall &amp; Johnson/Gutwein-Guenther Professional Association</b> A Joint Venture 2435 North Calvert Street Baltimore, Maryland 21218		USING AGENCY APPROVAL <i>Robert B. Sinal</i> DATE 3/29/83		DEPARTMENT OF GENERAL SERVICES PROJECT ADMINISTRATOR DATE 3/31/83		REVISIONS REV #1 3-28-83		DRAWING NO. BC-000-751-001	
<b>Daft-McCune-Walker, Inc.</b> 530 EAST JOPPA ROAD TOWSON, MARYLAND 21204		<b>George Evans &amp; Associates, Inc.</b> 130 WEST HAMILTON STREET BALTIMORE, MARYLAND 21201		<b>Moore/Lewis Inc.</b> 2435 NORTH CALVERT STREET BALTIMORE, MARYLAND 21218		TITLE DATE		DIRECTOR, ENGR & CONST DATE	
Northwest District Court Wabash Avenue Baltimore, Maryland						DRAWING NO. M6 BW/GGA 8104 DATE: 20 JAN 1983			

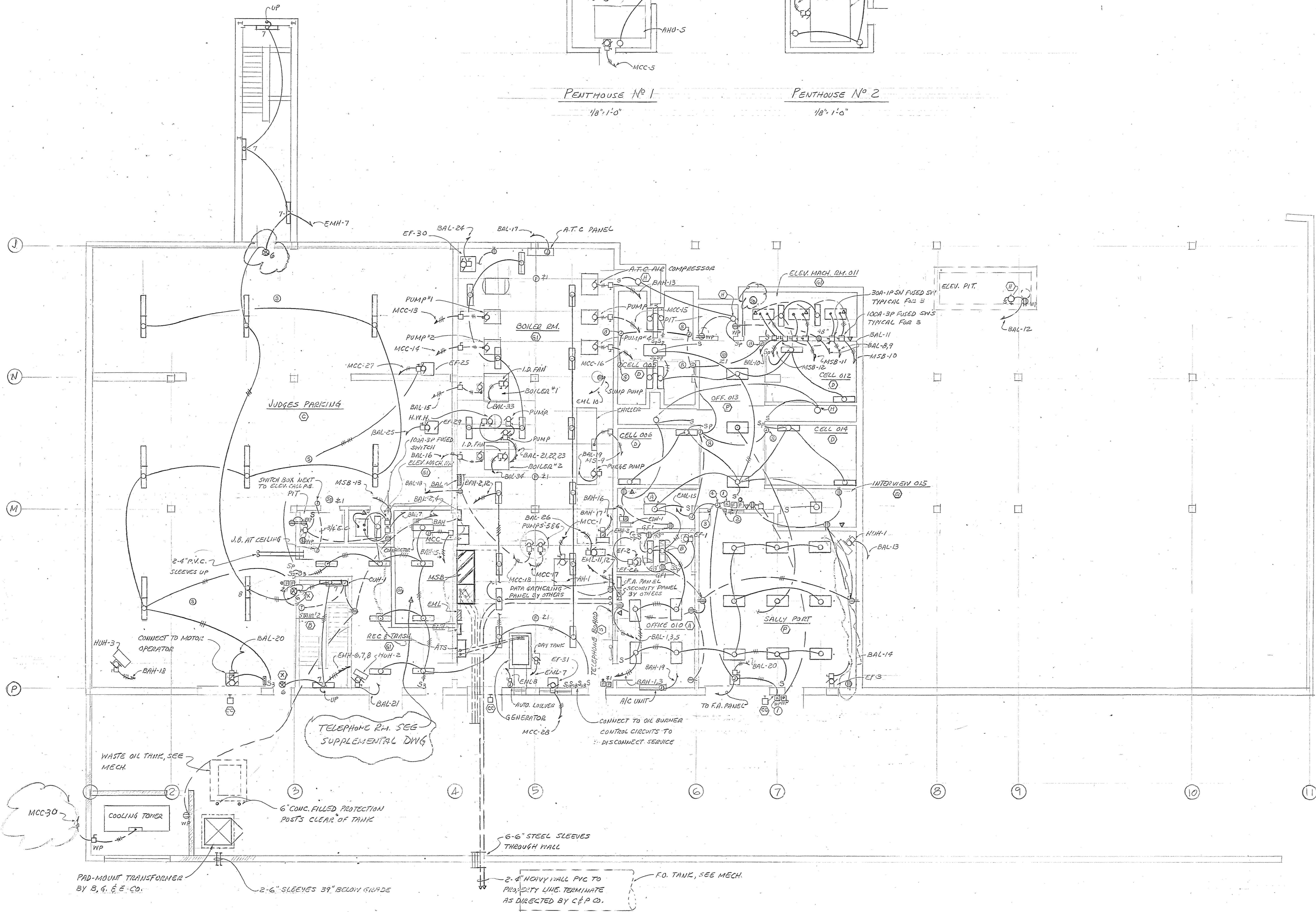
FILE NO. 84 - DWG. NO. 410

**Sally Port Door Wiring Notes:**

1. INSTALL KEY-OPERATED CONTROL SWITCH FURNISHED BY OVERHEAD DOOR SUPPLIER.
2. INSTALL ELECTRIC DOOR RELEASE FURNISHED BY HARDWARE SUPPLIER.
3. FURNISH & INSTALL ELECTRIC DOOR SWITCH.
4. JUNCTION BOX ABOVE CEILING.
5. DOORS SHALL BE INTERLOCKED TO ALLOW OPENING OF EACH DOOR WHEN OTHER DOOR IS ACTIVATED.
6. PROVIDE ALL WIRING, COMPONENTS, ETC. FOR A COMPLETE SYSTEM. VERIFY VOLTAGE. ALL HARDWARE SHALL BE TAMPER-PROOF.
7. SUBMIT WIRING DIAGRAM FOR APPROVAL.
8. INSTALL JUNCTION BOX AS DIRECTED BY CELL HARDWARE SUPPLIER FOR CONNECTION TO ELECTRIC LOCK STRIKES. VERIFY ROOM-IN LOCATION.



CONNECTED LOADS:	
LIGHTS	122 KW
RECEPTACLES	78 KW
SMOKE MELTING	11 KW
MOTORS	195 KW
CHILLER	130 KW
ELEVATORS	115 KW
ELEC. HEAT	19 KW
LARGEST MOTOR: CHILLER, 1.39A/KV = 181 F.L.A.	



- ### SYMBOLS
- 2'x4' FLUORESCENT LIGHT FIXTURE
  - 2'x2' " " " "
  - 1'x4' " " " "
  - WALL MOUNTED FLUORESCENT FIXTURE, INCANDESCENT OR H.I.D. FIXTURE
  - WALL MOUNTED INCANDESCENT FIXTURE
  - EXIT LIGHT
  - WALL MOUNTED H.I.D. FIXTURE
  - SITE LIGHTING H.I.D. FIXTURES & POLE
  - LIGHTING FIXTURES ON EMERGENCY CIRCUIT
  - DUPLEX RECEPTACLE
  - DUPLEX RECEPTACLE, WEATHER-PROOF
  - 50A-3P-3W 125/250V SIMPLEX RECEPTACLE
  - GROUND FAULT INTERRUPTER TYPE DUPLEX RECEPTACLE
  - JUNCTION BOX
  - DISCONNECT SWITCH
  - MAGNETIC MOTOR STARTER
  - DUPLEX RECEPTACLE IN FLUSH FLOOR BOX
  - MICROPHONE JACK IN FLUSH FLOOR BOX
  - RECEPTACLE IN FLUSH FLOOR BOX
  - TELEPHONE OUTLET IN FLUSH FLOOR BOX
  - OVERHEAD DOOR KEY SWITCH
  - BUZZER
  - PUSH BUTTON STATION
  - MOTOR OUTLET
  - DOME SIGNAL LIGHT
  - FLUSH CEILING SPEAKER
  - VOLUME CONTROL SWITCH
  - FIRE ALARM PULL STATION
  - FIRE ALARM FLASHING LIGHT & BELL
  - SMOKE DETECTOR
  - THERMO DETECTOR
  - TELEPHONE OUTLET
  - INDICATES LIGHTING FIXTURE TYPE
  - INDICATES REFER. NOTE, SEE DIV. E-2
  - SINGLE POLE TUMBLER SWITCH
  - 3-WAY TUMBLER SWITCH
  - SWITCH & PILOT LIGHT
  - OIL BURNER EMERGENCY CUT-OFF SWITCH
  - 277/480V PANEL BOARD
  - 120/208V PANEL BOARD
  - W.P. WEATHER-PROOF
  - A.F.F. ABOVE FINISHED FLOOR
  - G.F.I. GROUND FAULT INTERRUPTER
  - E.C. EMPTY CONDUIT
  - Z.I. FIRE ALARM ZONE

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**LIGHTING & POWER - BASEMENT FLOOR PLAN**  
1/8" = 1'-0"

Browne, Worrall & Johnson/Gutwein-Guenther Professional Association  
A Joint Venture  
2435 North Calvert Street  
Baltimore, Maryland 21218

Daft-McCune-Walker, Inc. George Evans & Associates, Inc. Moore/Lewis Inc.  
530 EAST JOPPA ROAD 130 WEST HAMILTON STREET 2435 NORTH CALVERT STREET  
TOWSON, MARYLAND 21204 BALTIMORE, MARYLAND 21201 BALTIMORE, MARYLAND 21218

USING AGENCY APPROVAL: *Robert B. Smith*  
DEPARTMENT OF GENERAL SERVICES  
PROJECT ADMINISTRATOR: *Matthew E. Morley*  
DATE: 3/21/83  
TITLE: *Basement* DATE: 3/21/83  
DIRECTOR, ENGR. & CONST. DATE: 3/21/83

REVISIONS	
Δ REV #1	3-28-83

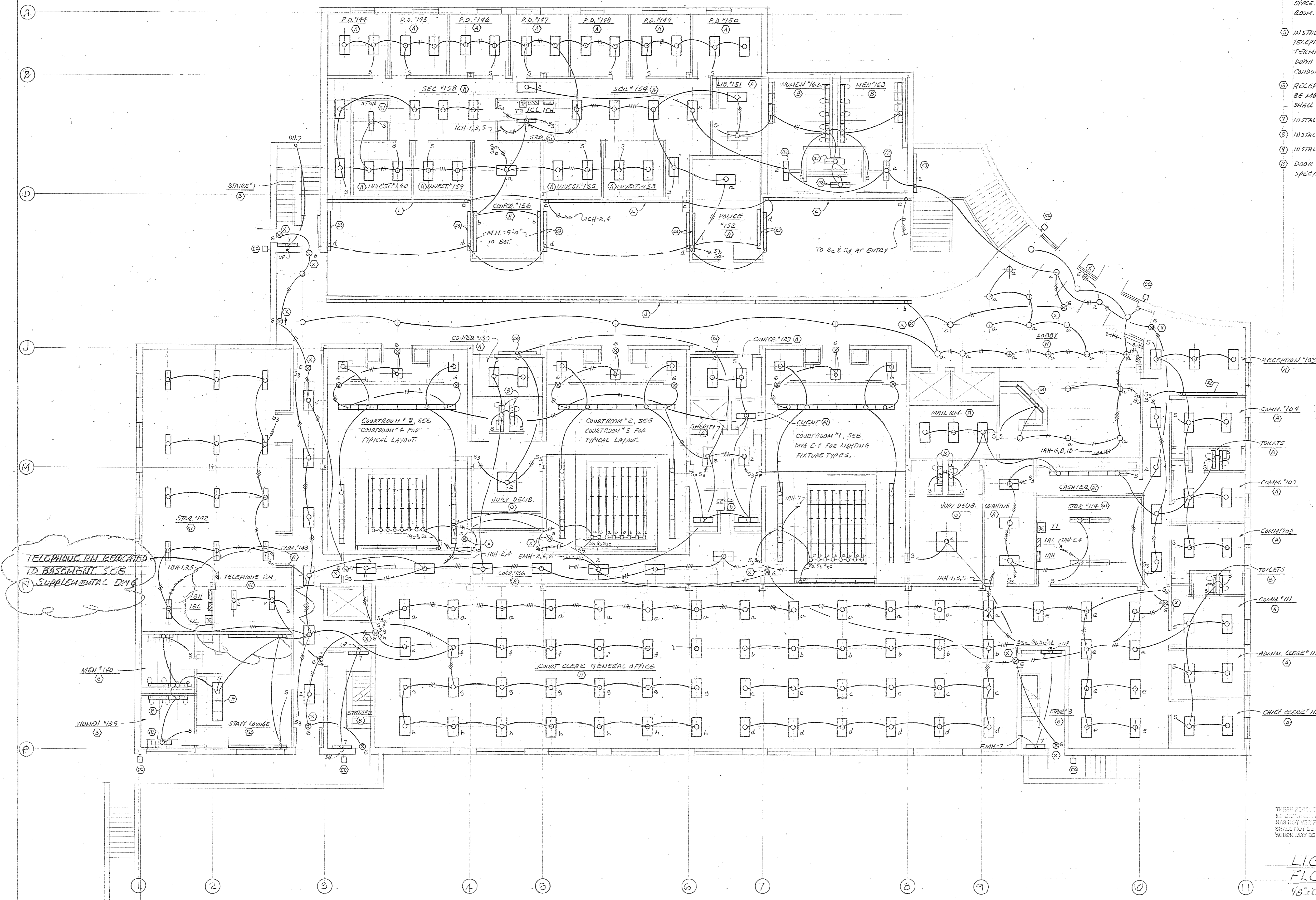
Northwest District Court  
Wabash Avenue  
Baltimore, Maryland

DRAWING NO. DC-059-751-001  
**E1**  
BWJ/GGPA 8104  
DATE: 20 JAN 1983



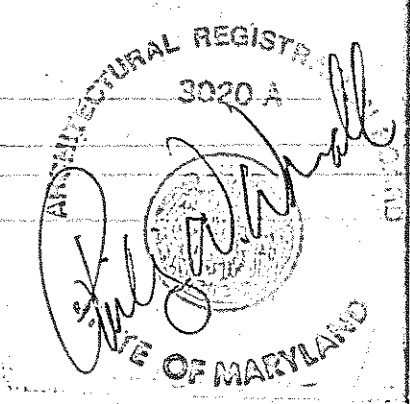
REFER. NOTES:

1. INSTALL BRANCH WIRING TO JUNCTION BOX ABOVE CEILING FOR CONNECTION TO TELE-POWER POLES AS DIRECTED IN FIELD FURNISH & INSTALL (18) EIGHTEEN WIRE MOLD "25TP-4" POLES COMPLETE WITH ALL ACCESSORIES, COLOR AS SELECTED BY ARCHITECT.
2. INSTALL SMOKE DETECTOR AT TOP OF ELEVATOR SHAFT & CONNECT TO ELEVATOR CONTROL PANEL & FIRE ALARM ZONE. COORDINATE WITH ELEVATOR SUPPLIER.
3. SEE DWG. E-7 FOR EXTERIOR WALL LIGHT FIXTURE CIRCUITING.
4. INSTALL 1" S.C. FROM EACH TELEPHONE OUTLET TO CORRIDOR CEILING SPACE. OUTLET CONDUITS ON SECOND FLOOR SHALL TERMINATE IN GROUND FLOOR CORR. SPACE. ALL CABLES WEST OF COL. LINE-7 SHALL TERMINATE IN TELEPHONE ROOM. ALL CABLES EAST OF COL. LINE-7 SHALL TERMINATE IN STOR. RM. #114.
5. INSTALL 4"x8"x3/4" PLYWOOD BACKBOARD, PAINTED BLACK, FOR INCOMING TELEPHONE CABLES. TERMINATE PVC CONDUITS 12" A.F.F. CAP SPARE. TERMINATE PVC CONDUITS FROM TELEPHONE RM. ON GROUND FLOOR 12" DOWN ON BACKBOARD. INSTALL 90° LONG RADIUS ELBOWS. NO TELEPHONE CONDUITS SHALL TERMINATE IN AIR PLENUM CEILING SPACES.
6. RECEPTACLES IN AREAS WHERE FIN TUBE RHD IS BEING INSTALLED SHALL BE MOUNTED 12" A.F.F. TO CENTER LINE OF OUTLET. TELEPHONE OUTLETS SHALL ALSO BE 12" A.F.F.
7. INSTALL PLUGMOLD 2100 SERIES WITH SURGETS 6" 9C, 18" A.F.F.
8. INSTALL ELEC. DOOR SWITCH, VERIFY LOCATION.
9. INSTALL ELEC. DOOR RELEASE FURNISHED BY HARDWARE SUPPLIER.
10. DOOR SWITCHES & RELEASES SHALL BE WIRED TO CONTROL DOORS AS SPECIFIED IN ARCH. SPEC.

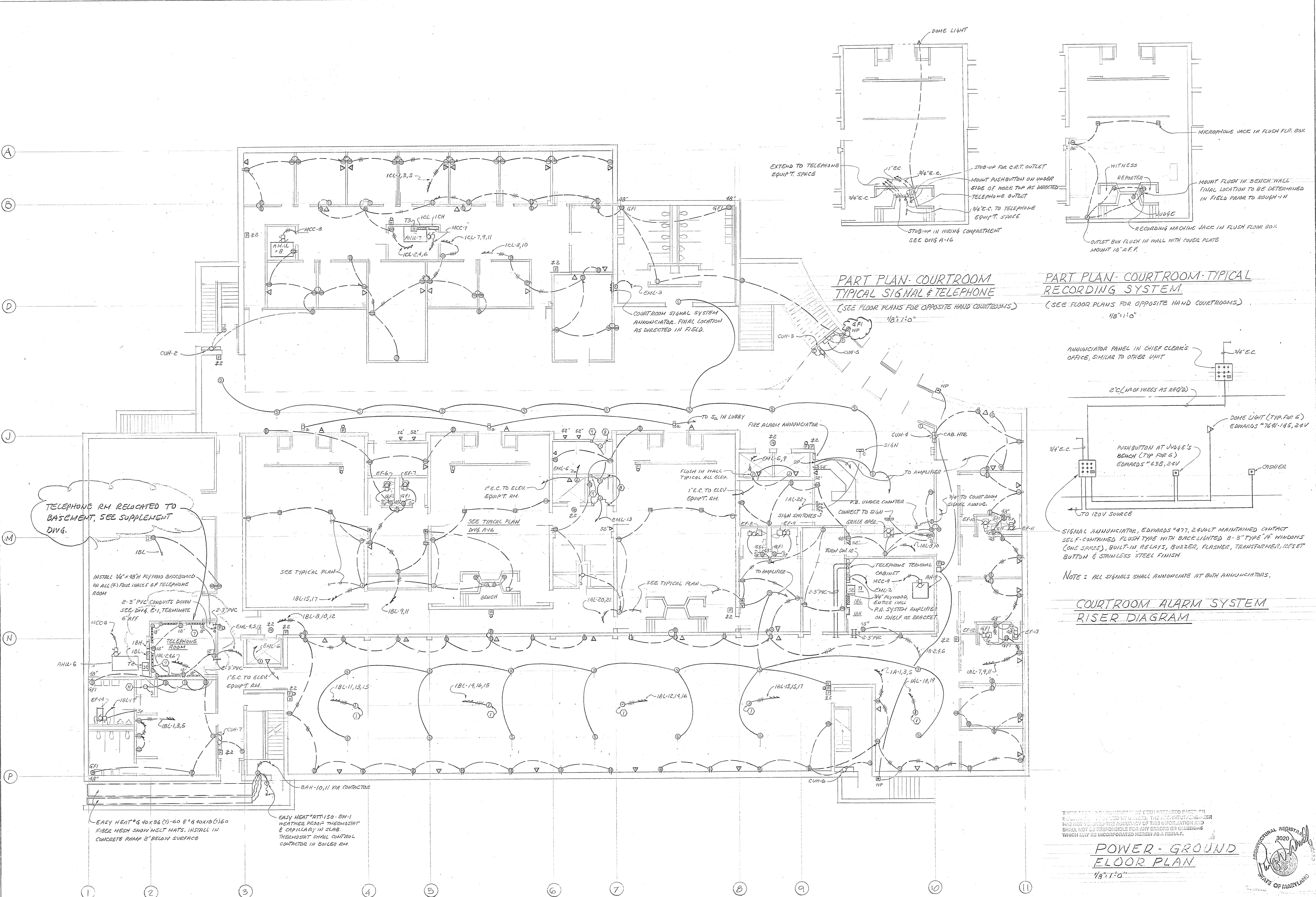


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LIGHTING - GROUND FLOOR PLAN  
1/8" = 1'-0"

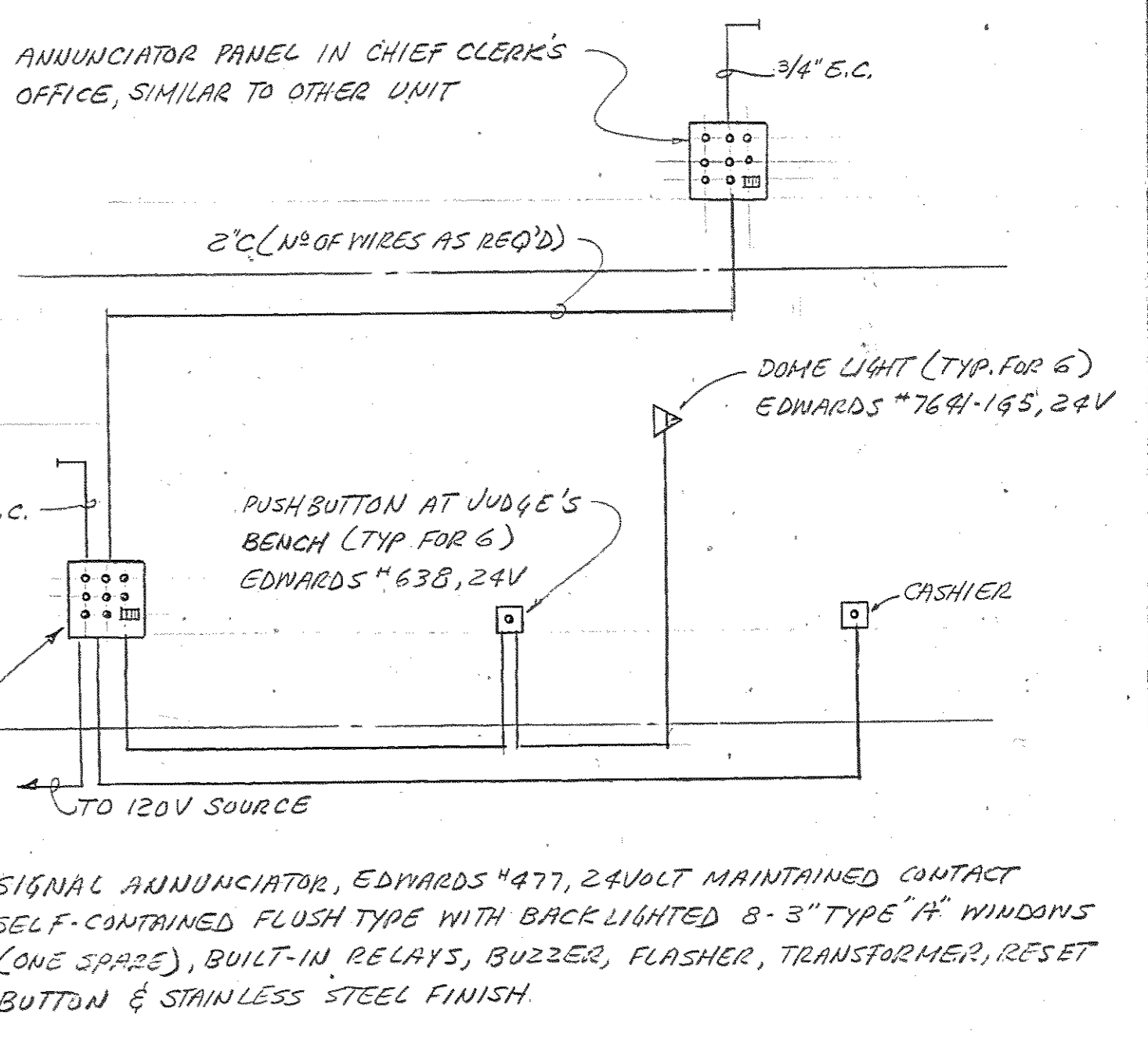


<b>Browne, Worrall &amp; Johnson/Gutwein-Guenther Professional Association</b> A Joint Venture 2435 North Calvert Street Baltimore, Maryland 21218		USING AGENCY APPROVAL <i>Robert B. Smith</i> ADMINISTRATOR, MSC 2/27/83 TITLE DATE	DEPARTMENT OF GENERAL SERVICES PROJECT ADMINISTRATOR DATE	REVISIONS #1 - 2.22.83	DRAWING NO. BC-000-951-001 <b>E 2</b> BIJJ/GGPA 8104 DATE: 20 JAN 1983
Daft-McCune-Walker, Inc. 530 EAST JOPPA ROAD TOWSON, MARYLAND 21204	George Evans & Associates, Inc. 130 WEST HAMILTON STREET BALTIMORE, MARYLAND 21201	Moore/Lewis Inc. 2435 NORTH CALVERT STREET BALTIMORE, MARYLAND 21218	PROJECT ADMINISTRATOR DATE	NORTHWEST DISTRICT COURT Wabash Avenue Baltimore, Maryland	FILE NO. 84 - D.W.M. NO. 412



**PART PLAN - COURTROOM  
TYPICAL SIGNAL & TELEPHONE**  
(SEE FLOOR PLANS FOR OPPOSITE HAND COURTROOMS)  
1/8" = 1'-0"

**PART PLAN - COURTROOM - TYPICAL  
RECORDING SYSTEM**  
(SEE FLOOR PLANS FOR OPPOSITE HAND COURTROOMS)  
1/8" = 1'-0"



**COURTROOM ALARM SYSTEM  
RISER DIAGRAM**

**POWER - GROUND  
FLOOR PLAN**  
1/8" = 1'-0"

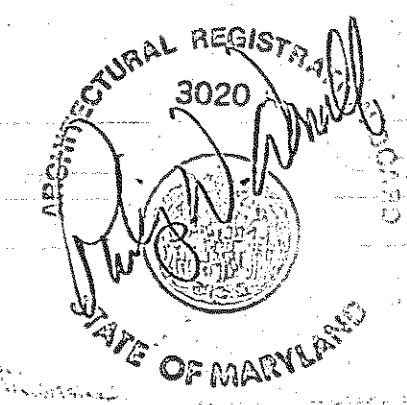
TELEPHONE RM RELOCATED TO BASEMENT, SEE SUPPLEMENT DWG.

INSTALL 3/4" x 1/8" PLYWOOD BASEBOARD ON ALL (4) FOUR WALLS OF TELEPHONE ROOM  
2-3" PVC CONDUITS DOWN SEE DWG. E-1, TERMINATE 6" AFF

EASY HEAT #9 40x36 (1)-60 & #9 40x10 (1)-60 FIBER MESH SNOW MELT MATS. INSTALL IN CONCRETE RAMP 2" BELOW SURFACE

EASY HEAT #RT-150 - BW-1 WEATHER PROOF THERMOSTAT & CAPILLARY IN SLAB. THERMOSTAT SHALL CONTROL CONTRACTOR IN BOILER RM.

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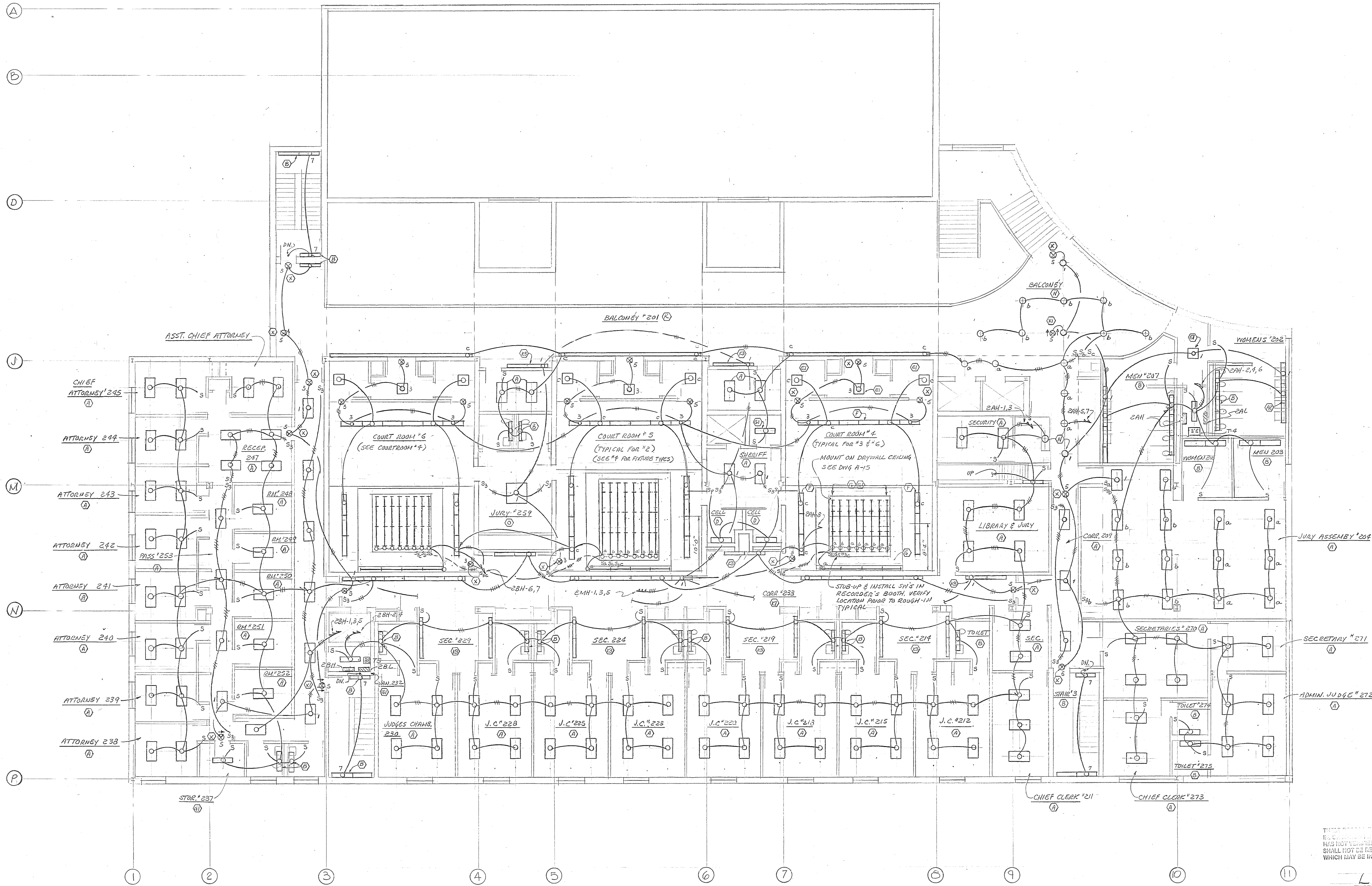


**Browne, Worrall & Johnson/Gutwein-Guenther Professional Association**  
A Joint Venture  
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George Evans & Associates, Inc. 130 WEST HAMILTON STREET BALTIMORE, MARYLAND 21201  
Moore/Lewis Inc. 2435 NORTH CALVERT STREET BALTIMORE, MARYLAND 21218

USING AGENCY APPROVAL  
*Robert B. Seibert*  
PROJECT ADMINISTRATOR  
DATE 3/19/83  
DEPARTMENT OF GENERAL SERVICES  
PROJECT ADMINISTRATOR  
DATE 3/18/83  
DIRECTOR, ENGR. & CONST. DATE

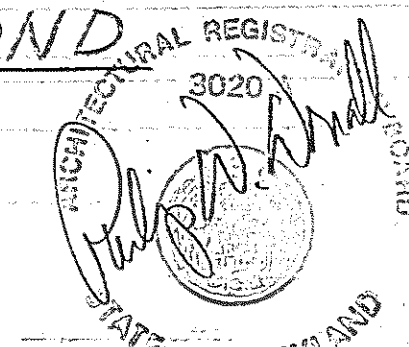
REVISIONS
1. REV #1 - 3-22-83

Northwest District Court  
Wabash Avenue  
Baltimore, Maryland  
DRAWING NO. BC-000-751-001  
**E 3**  
BWJ/GGPA 8104  
DATE: 20 JAN. 1983  
FILE NO. 84 - D.W.G. NO. 413



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**LIGHTING - SECOND FLOOR PLAN**  
1/8" = 1'-0"



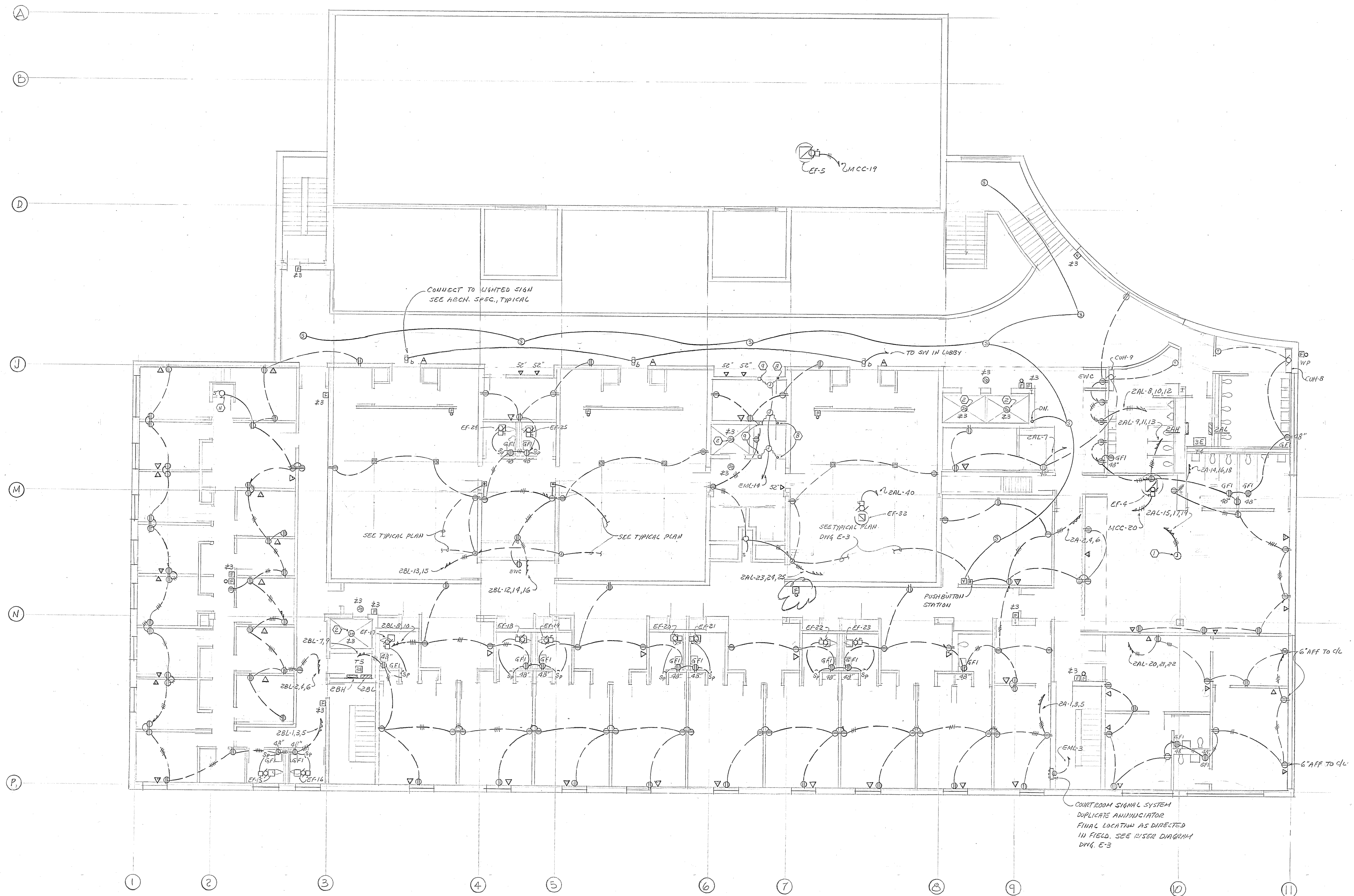
**Browne, Worrall & Johnson/Gutwein-Guenther Professional Association**  
A Joint Venture  
2435 North Calvert Street Baltimore, Maryland 21218  
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George Evans & Associates, Inc. 130 WEST HAMILTON STREET BALTIMORE, MARYLAND 21201  
Moore/Lewis Inc. 2435 NORTH CALVERT STREET BALTIMORE, MARYLAND 21218

USING AGENCY APPROVAL  
*Robert B. Sival*  
TITLE: ADMINISTRATOR, REC DATE: 3/27/83  
DEPARTMENT OF GENERAL SERVICES  
PROJECT ADMINISTRATOR  
*James S. Mowley* 3/31/83 DATE  
DIRECTOR, ENGR. & CONST. DATE

REVISIONS
Δ REV. #1 3-28-83

Northwest District Court  
Wabash Avenue  
Baltimore, Maryland

DRAWING NO. BC-000-751-001  
**E4**  
BWJ/GGPA 8104  
DATE: 20 JAN. 1983

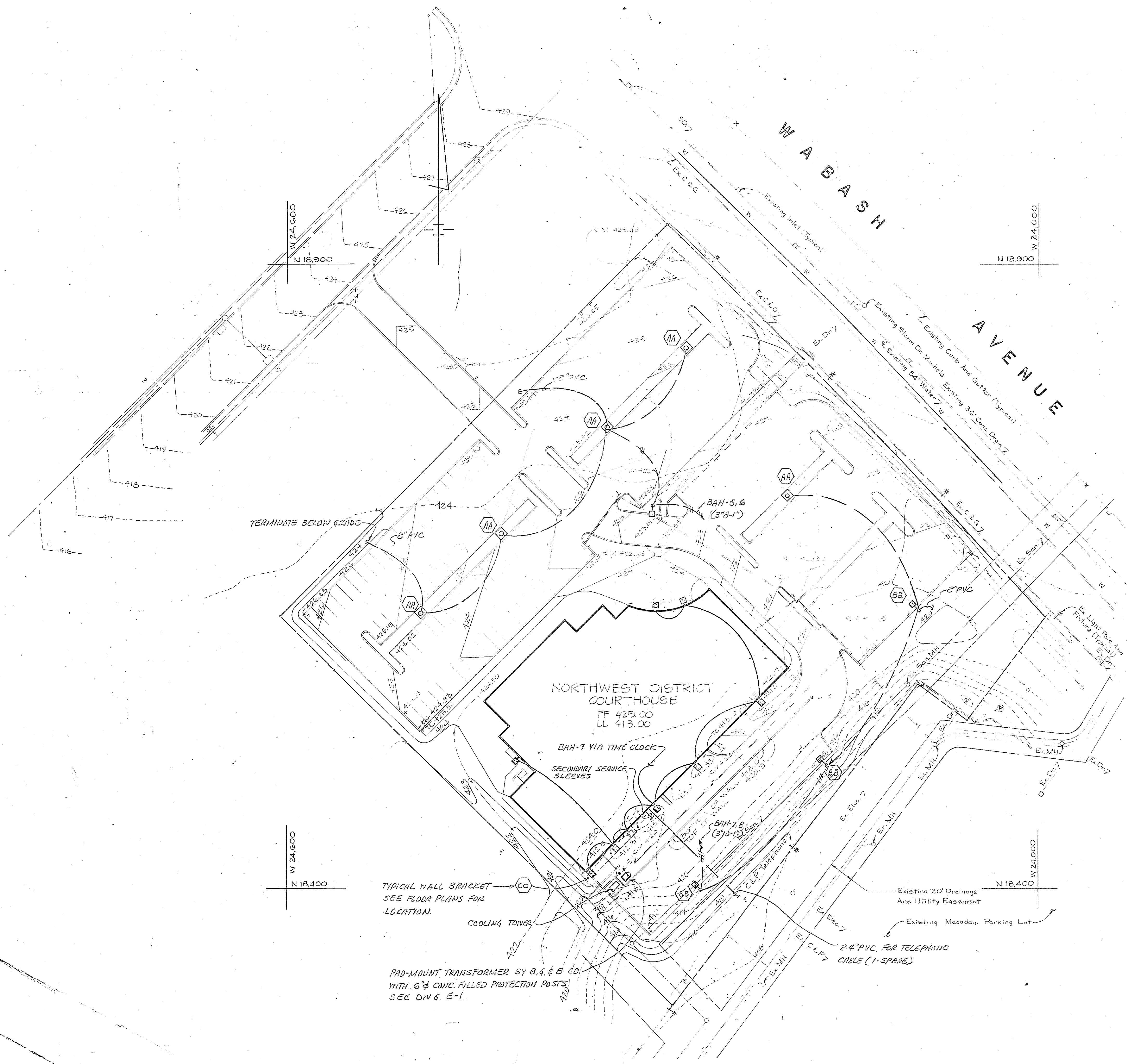
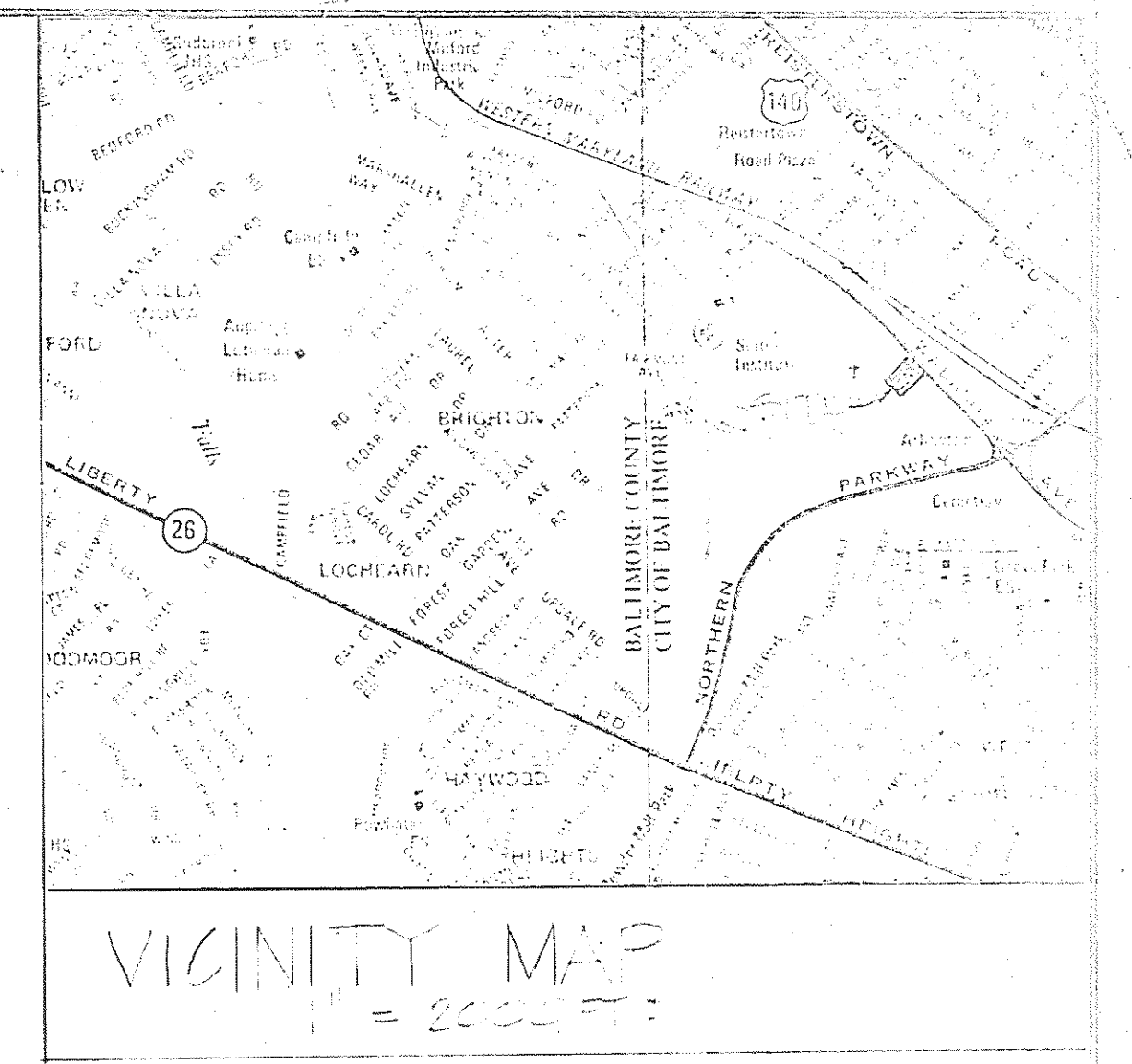


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**POWER - SECOND FLOOR PLAN**  
 1/8" = 1'-0"  
 POWER OF MARYLAND

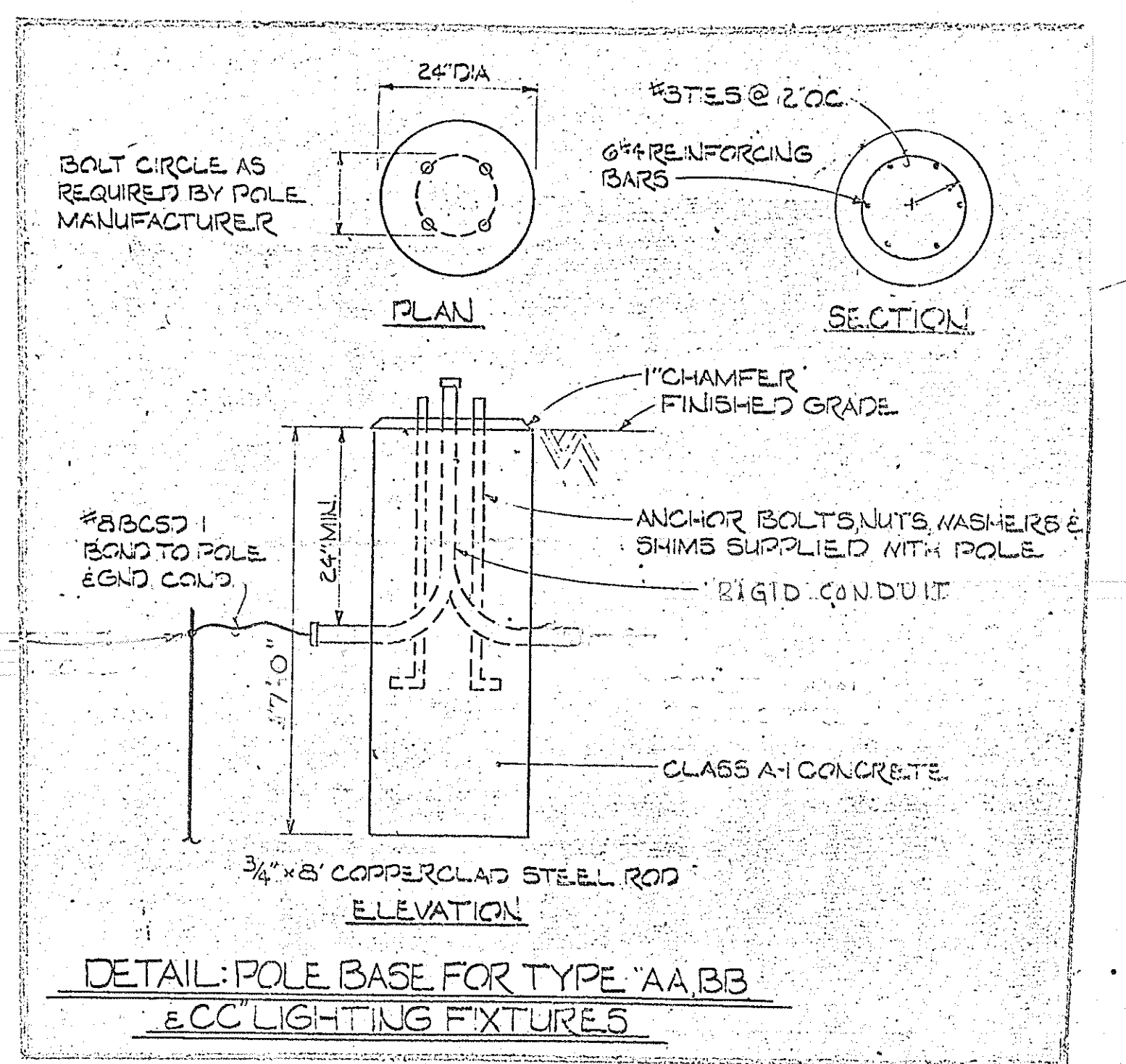
<b>Browne, Worrall &amp; Johnson/Gutwein-Guenther Professional Association</b> A Joint Venture 2435 North Calvert Street Baltimore, Maryland 21218		USING AGENCY APPROVAL <i>Robert B. Smith</i> PROJECT ADMINISTRATOR TITLE DATE		DEPARTMENT OF GENERAL SERVICES <i>David H. W. [Signature]</i> PROJECT ADMINISTRATOR DATE		REVISIONS Δ PEN 21 - 2.28.22		Northwest District Court Wabash Avenue Baltimore, Maryland		DRAWING NO. BC-000-751-001 <b>E 5</b> BWJ/GGP 8104 DATE: 20 JAN. 1989	
<b>Daft-McCune-Walker, Inc.</b> 530 EAST JOPPA ROAD TOWSON, MARYLAND 21204		<b>George Evans &amp; Associates, Inc.</b> 130 WEST HAMILTON STREET BALTIMORE, MARYLAND 21201		<b>Moore/Lewis Inc.</b> 2435 NORTH CALVERT STREET BALTIMORE, MARYLAND 21218		DIRECTOR, ENGR. & CONST. DATE		FILE NO. 84-		NO 415	



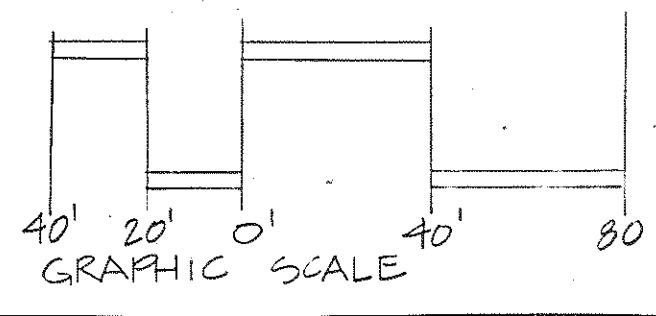


**SITE LIGHTING FIXTURE SCHEDULE**

- (AA) LIGHTOLIER #DUIQD 18, 27V, TYPE AA, DISTRIBUTION II WITH CLEAR, 400W H.P.S. LAMP. FINISH SHALL BE DARK BRONZE. INSTALL ON "POLE" YD08-496, 6 1/4" SQUARE ANODIZED ALUM. BRACKET 30' POLE COMPLETE WITH ANCHOR BOLTS, BASE, HANDHOLE & GROUND LUG.
  - (BB) LIGHTOLIER #YD16-27742 WITH BRACKET & 400W HPS ON POLE YD08-496
  - (CC) LIGHTOLIER #YD16-1742, 70 HPS-BRA WALL BRACKET WITH DARK BRONZE FINISH & 70W H.P.S. LAMP. MOUNT 8'-0" AFF. SEE FLOOR PLANS FOR LOCATION
- FURNISH & INSTALL CONCRETE BASES, SEE DETAIL THIS DWG.



**SITE LIGHTING & DETAILS**



<b>Browne, Worrall &amp; Johnson/Gutwein-Guenther Professional Association</b> A Joint Venture 2435 North Calvert Street Baltimore, Maryland 21218		USING AGENCY APPROVAL <i>Robert B. Smith</i> ADMINISTRATOR, MSC 3/1/83		DEPARTMENT OF GENERAL SERVICES <i>James H. Miller</i> PROJECT ADMINISTRATOR 3/1/83		REVISIONS 1-3-28-83		Northwest District Court Wabash Avenue Baltimore, Maryland		DRAWING NO. BC-800-255-0013 <b>E-7</b> BWJ/GGPA 810-1 DATE: 20 JAN 1983	
Daft-McCune-Walker, Inc. 530 EAST JOPPA ROAD TOWSON, MARYLAND 21204		George Evans & Associates, Inc. 130 WEST HAMILTON STREET BALTIMORE, MARYLAND 21201		Moore/Lewis Inc. 2435 NORTH CALVERT STREET BALTIMORE, MARYLAND 21218		TITLE DATE		DIRECTOR, ENGR & CONST DATE		84-000-001-417	