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| 9-P-10 | SANITARY RISER DIAGRAMS |
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| 9-H-V-4 | FAN ROOM NO.2 TYPICAL DETAILS |
| 9-H-V-5 | SECOND FLOOR PLAN - CENTRAL UNIT |
| 9-H-V-6 | THIRD FLOOR PLAN - CENTRAL UNIT |
| 9-H-V-7 | FOURTH FLOOR PLAN - CENTRAL UNIT |
| 9-H-V-8 | SECOND FLOOR PLAN - WING UNITS 1 & 2 |
| 9-H-V-9 | THIRD FLOOR PLAN - WING UNIT 3 |
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| 9-H-V-2 EXT. 2 | FOURTH FLOOR PLAN - WING UNIT 6 |
| 9-E-1 EXT. 2 | FOURTH FLOOR PLAN - WING UNIT 5 |
| 9-E-2 EXT. 2 | FOURTH FLOOR PLAN - WING UNIT 6 |

## STANDARD DETAILS

Abbreviation "mod" means that for this project, the Contractor shall modify the Standard Detail to the extent explained below.

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| | | | | |
|---|---|---|---|---|
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| 6 - 1 - 2B MOD | 6 - 15 - 7 | | | |
| 6 - 2 - 6 | 6 - 15 - 12 | | | |
| 6 - 2 - 15 MOD | 6 - 15 - 16 MOD | | | |
| 6 - 2 - 16A MOD | 6 - 15 - 19 MOD | | | |
| 6 - 2 - 19A MOD | 6 - 15 - 24A | | | |
| 6 - 3 - 1C | 6 - 17 - 1 MOD | | | |
| 6 - 4 - 1D | 6 - 19 - 2A MOD | | | |
| 6 - 6 - 1 MOD | 6 - 19 - 4 | | | |
| 6 - 8 - 3A MOD | 6 - 21 - 1A | | | |
| 6 - 10 - 1B MOD | 6 - 22 - 1 | | | |
| 6 - 10 - 2 MOD | 6 - 22 - 10 | | | |
| 6 - 10 - 3 | 6 - 25 - 9 MOD | | | |
| 6 - 10 - 4 MOD | 6 - 50 - 2D MOD | | | |
| 6 - 10 - 5B MOD | SHTS. 1-2-3 & 4 MOD. | | | |
| 6 - 10 - 10A | | | | |
| 6 - 11 - 7 | 6 - 2 - 18 | | | |
| 6 - 11 - 19 MOD | 6 - 19 - 5 | | | |
| 6 - 11 - 20 | 6 - 19 - 7 | | | |
| 6 - 11 - 22 MOD | 6 - 13 - 11 MOD. | | | |
| 6 - 12 - 1 MOD | 6 - 13 - 4 MOD. | | | |
| 6 - 12 - 2B MOD | 6 - 13 - 5 | | | |
| 6 - 13 - 3 MOD | 6 - 13 - 8 MOD. | | | |
| 6 - 13 - 11 | 6 - 11 - 6 | | | |
| 6 - 13 - 12 | | | | |
| 6 - 13 - 15 MOD | | | | |
| 6 - 13 - 26A | | | | |
| 6 - 13 - 30 MOD | | | | |
| 6 - 13 - 31 | | | | |
| 6 - 13 - 32 | | | | |
| 6 - 13 - 40 MOD | | | | |

### STRUCTURAL

| | | | | |
|---|---|---|---|---|
| 8 - 2 - 1B MOD | (B), (E) | | | |
| 8 - 2 - 2 | | | | |
| 8 - 2 - 3B | | | | |
| 8 - 2 - 4 | | | | |
| 8 - 3 - 2A | | | | |
| 8 - 4 - 2 | (A) | | | |
| 8 - 5 - 4 MOD. | | | | |
| 8 - 6 - 11A | | | | |
| 8 - 6 - 12 | | | | |
| 8 - 6 - 13 | | | | |
| 8 - 7 - 2 | | | | |
| 8 - 8 - 1C | (A), (C), (F) | | | |
| 8 - 10 - 1 | (A) | | | |
| 8 - 50 - 3 | | | | |
| 8 - 60 - 1 | | | | |
| 8 - 60 - 2 | | | | |
| 8 - 60 - 3 | | | | |
| 8 - 60 - 4A | | | | |
| 8 - 60 - 5 | | | | |
| 8 - 60 - 6 | | | | |
| 8 - 60 - 9 | | | | |

### MECHANICAL

| | | | | |
|---|---|---|---|---|
| 10 - 1 - 1A | 10 - 8 - 5A | | | |
| 10 - 1 - 2A | 10 - 8 - 7 | | | |
| 10 - 1 - 3A | 10 - 8 - 8A | | | |
| 10 - 1 - 4 | 10 - 2 - 14 | | | |
| 10 - 1 - 5 | 10 - 2 - 4 | | | |
| 10 - 2 - 1A | | | | |
| 10 - 2 - 2 | 10-8-12B | | | |
| 10 - 2 - 3 | 10-8-20F MOD. | | | |
| 10 - 3 - 1A | 10-8-29C MOD. | | | |
| 10 - 3 - 3A SHEET 1 - 2 | 10-8-6A | | | |
| | 10-8-20F | | | |
| 10 - 3 - 6A | 10-8-29C | | | |
| 10 - 3 - 7 | | | | |
| 10 - 4 - 1A | | | | |
| 10 - 4 - 2 | | | | |
| 10 - 4 - 3 | | | | |
| 10 - 4 - 4 | | | | |
| 10 - 5 - 1 | | | | |
| 10 - 6 - 1 | | | | |
| 10 - 6 - 2A | | | | |
| 10 - 6 - 3A | | | | |
| 10 - 8 - 25C SHT 1 | | | | |
| 10 - 8 - 25C SHT 2 | | | | |
| 10 - 2 - 8B | | | | |
| 10 - 3 - 2A | | | | |
| 10 - 3 - 3 | | | | |
| 10 - 3 - 4 (A) | | | | |
| 10 - 8 - 1A | | | | |
| 10 - 8 - 2A | | | | |
| 10 - 8 - 3A | | | | |
| 10 - 8 - 4A | | | | |

### MODIFICATIONS TO BE MADE BY CONTRACTOR

| | |
|---|---|
| 6 - 1 - 1 | Wood stud partition symbol to be used for indicating metal stud partitions. |
| 6 - 2 - 15 | Detail modified for following conditions: 1. Where catch basin is located in grass area no concrete slab occurs around it. Top of catch basin to be 2 inches below finish grade. 2. Where catch basin is located in grass area at sidewalk, top of catch basin to be 2 inches below top of sidewalk. |
| 6 - 1 - 2B | Modify to include added abbreviation on Dwg. 3-1. |
| 6 - 2 - 16A | Modify for asphalt paving. |
| 6 - 2 - 19 | Cheeks to be 1 inch minimum above finish grade. |
| 6 - 6 - 1 | Modified as per Dwg. 5-6. |
| 6 - 8 - 3A | Modify height from top of loading platform to pavement at Wing Unit 3 as per Dwg 5-15. |
| 6 - 10 - 1B | Modified only where handrail at head of Stair No.4 is anchored to top of concrete retaining wall. Use SD. 6-10-2 & 3. |
| 6 - 10 - 2 | Modified as per Dwg. 5-15. |
| 6 - 10 - 4 & 6 - 10 - 5B | Use steel handrail in lieu of aluminum. |
| 6 - 11 - 19 | Modify railing at East & West entrances of Wing Unit Nos. 1, 2 & 5 to be removable & set free in tubular pipe sleeves 12 inches long. |
| 6 - 11 - 22 | Welded connection to be used in lieu of standard Tee fitting at loading platform stair Wing Unit 3. Det. (B) Dwg. 5-15. Anchorage modified at all Wing Unit entrances to receive tubular railing S.D. 6-11-19 at top end. |
| 6 - 12 - 1 | Modify size of roof scuttles over Fan Rooms Nos. 1 & 2 to 5'-0" x 6'-0" and over Impedance Room 334 to 6'-0" x 6'-0". All roof scuttles over 3'-0" wide to have double doors in lieu of single door. |
| 6 - 12 - 2A | Modified as per Dwg. 5-17 |
| 6 - 13 - 30 | Modify to delete phrase "Furnished by Gov't." |
| 6 - 13 - 15 | Steel water closet enclosure used as dressing room enclosure in Locker Rooms 343, 344, & 136. Modify dimensions as per Det. (C) Dwg. 5-39 & Det. (C) Dwg. 5-38, and omit paper holder. |
| 6 - 15 - 16 | Modified as per Dwg. 5-20. |
| 6 - 15 - 19 | Modify for concrete block walls in lieu of structural tile. |
| 6 - 19 - 2A | Modify as required for wall types other than that shown on detail. Wood door in lieu of metal to be used in Reception Room 113 as per Det. (B-3) Dwg. 5-26 - Type 1 |
| 6 - 25 - 9 | Modify dimensions to fit space allotted in Storage Room 137. See Dwg. 3-2. |
| 6 - 50 - 2d Shts. 1, 2, 3, & 4 | Modified as per Dwg. 5-2. |
| 6 - 13 - 40 | Modify as per Finish Schedule for tile & joint color & painting, and as per Dwgs. 5-38 & 5-39 |
| 6 - 13 - 1, 6 - 13 - 3, 6 - 13 - 4 | Modify as per Dwgs. 5-38 & 5-39. Slate in lieu of marble & steel partition in lieu of marble in dressing room |
| 8 - 5 - 4 | Omit L.C.C. joint cover in parapet. Omit L.C.C. joint cover at windows when sash frame extends beyond outside face of conc. sill. |
| 8 - 2 - 1B | Modified copper flashing to C.R.M. flashing. |
| 6 - 17 - 1 | Modify to delete phrase "Furnished by Gov't." |
| 10-8-20F | Modify as covered in light fixture spec. |
| 10-8-29C | " " " " " " " |

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BOULDER, COLORADO

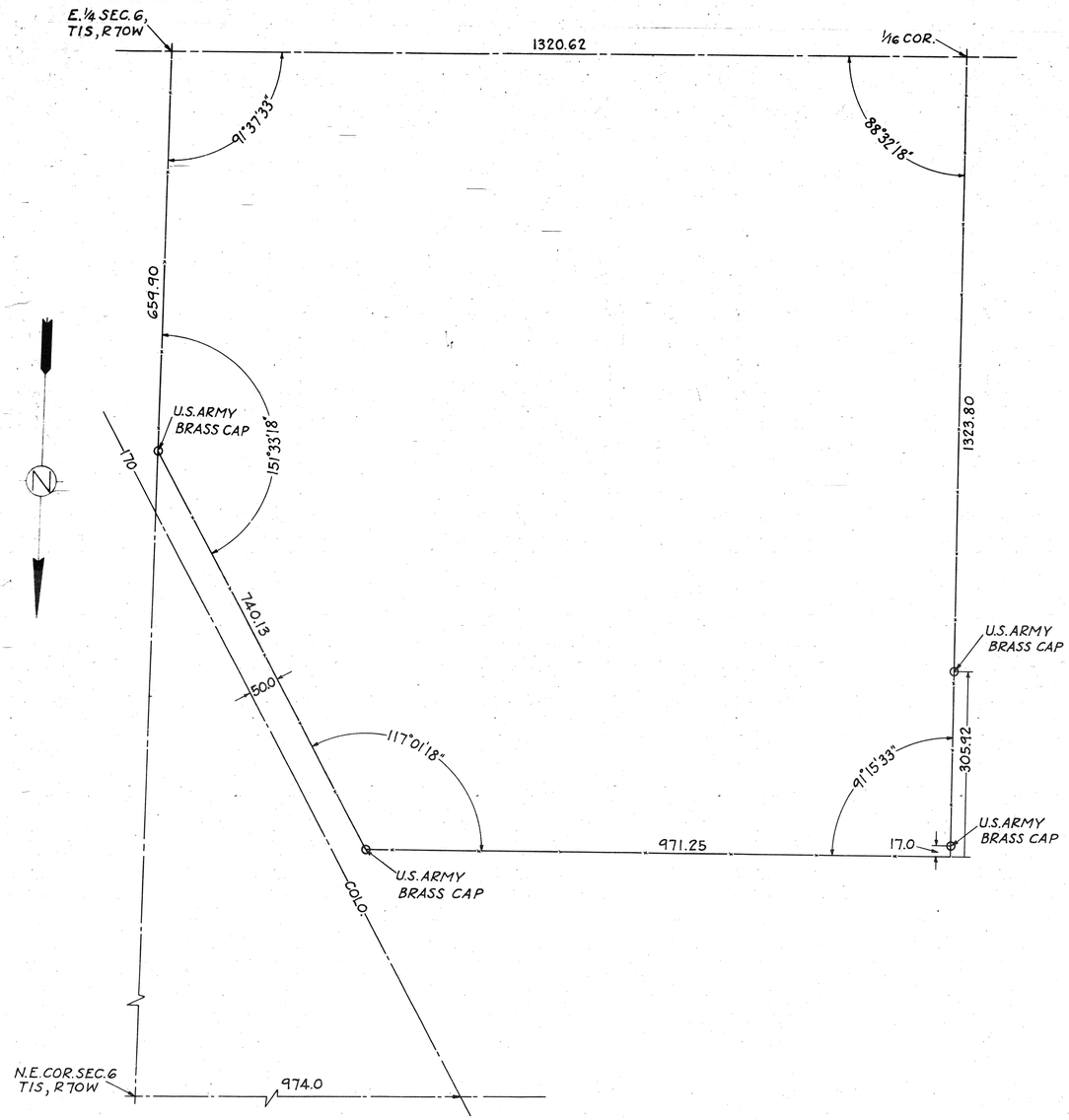
"ME" "S" "SP" "DD" "AD"

PUBLIC BUILDINGS SERVICE
GENERAL SERVICES ADMINISTRATION, WASHINGTON, D. C.

| | |
|---|---|
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS |
| LOCATION | BOULDER, COLORADO |
| STREET | STATE HIGHWAY 170 |
| PROJ. NO. | 5-044 |
| FILE NO. | |
| DRAWN BY | H.T. L.T. 2-22-52 |
| CHECKED BY | R.M.S. |
| DRAWING TITLE | COVER SHEET |
| DRAWING NO. | 0-1 B-20,000 |

# GENERAL SERVICES ADMINISTRATION

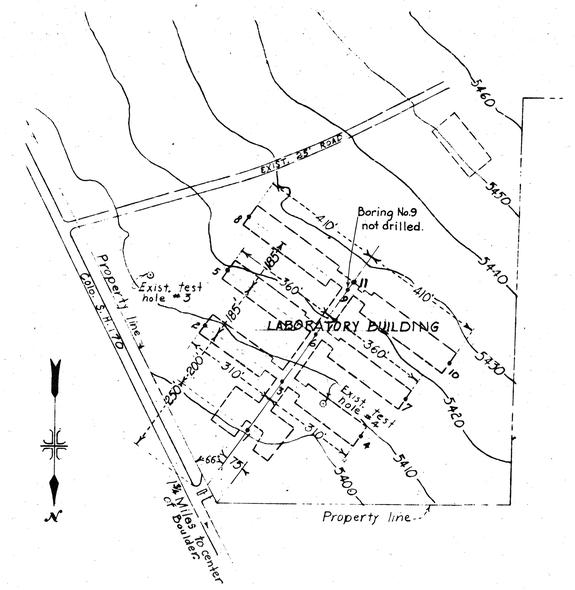
*Public Buildings Service* *Washington 25, D. C.*

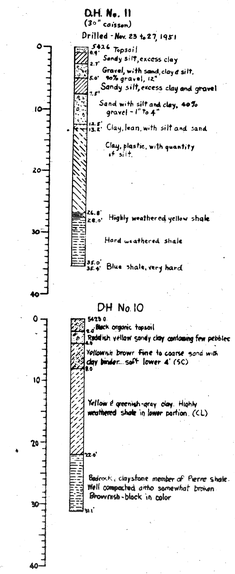


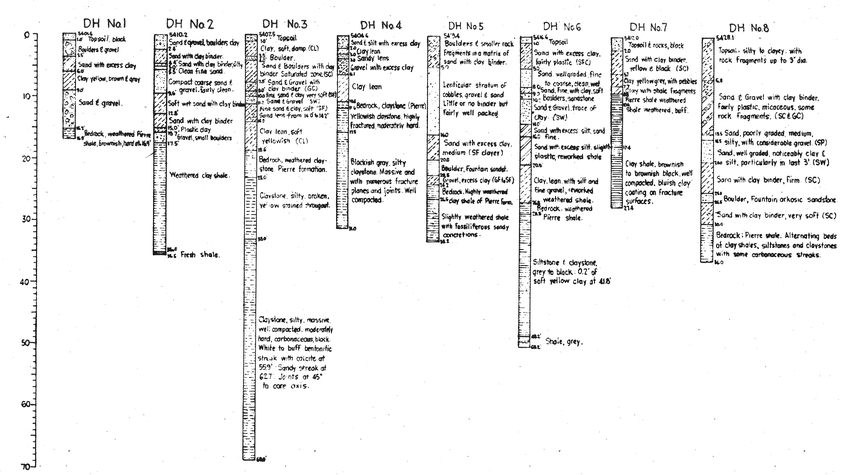

Scale: 1" = 100 feet

## BOUNDARY LINE PLOT

(As prepared by Office of the Corps of Engineers, Dep't. of the Army, Denver, Colorado)




## SOIL EXPLORATION

(As prepared by Bureau of Reclamation, Interior Dep't.)



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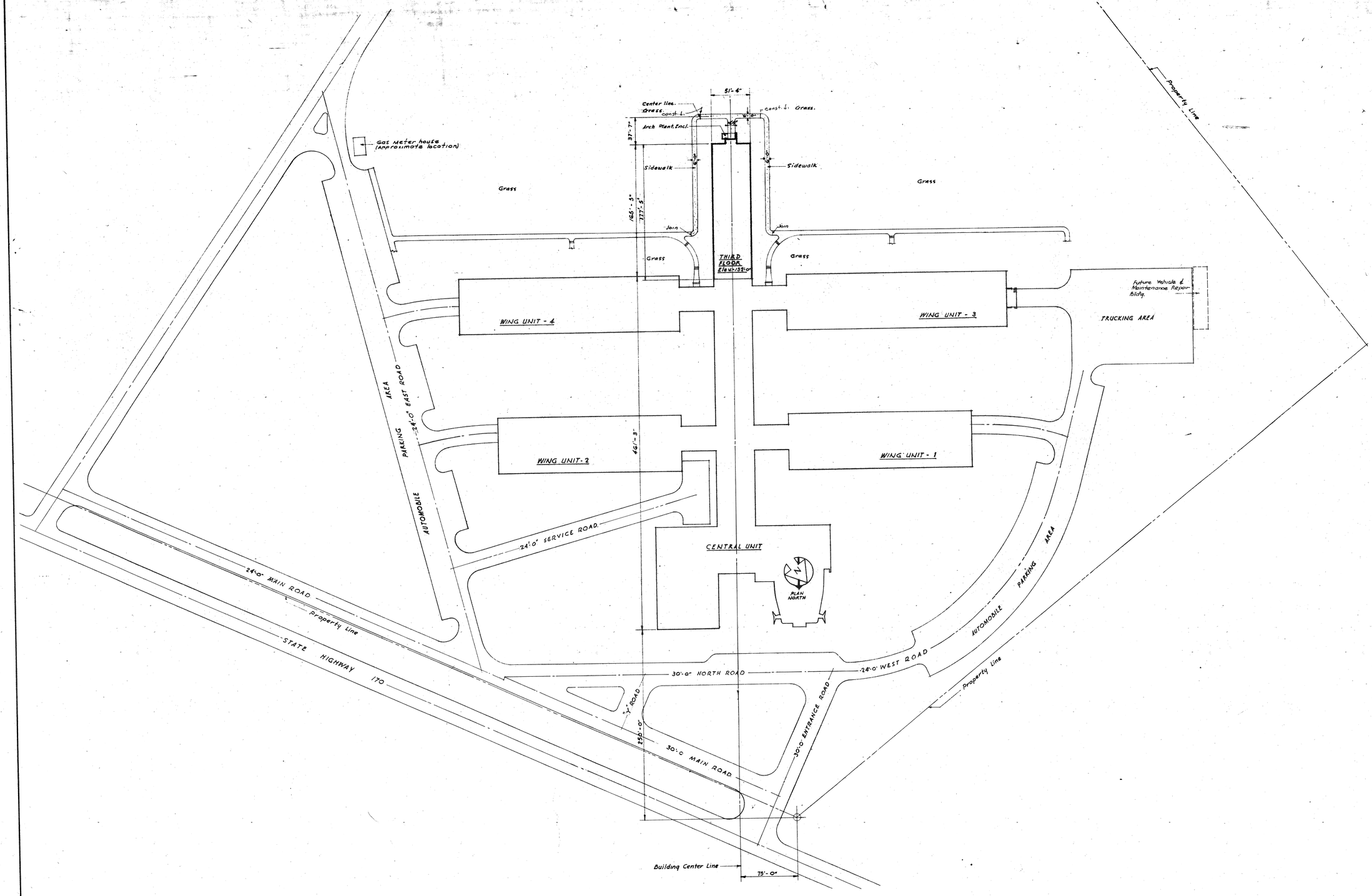
| "ME" | "S" | "SF" | "DD" | "AD" |
|---|---|---|---|---|
| | | | | |

PUBLIC BUILDINGS SERVICE
GENERAL SERVICES ADMINISTRATION, WASHINGTON, D.C.

| | | | |
|---|---|---|---|
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | 5-044 | FILE NO. | |
| DRAWN BY | 2-22-52 | CHECKED BY | |
| DRAWING TITLE | SURVEY & SOIL EXPLORATION | | |
| | ARCHITECTURAL | | |
| DRAWING NO. | 1-1 B-12003 | | |




SITE PLAN

Scale 1" = 50'

A

ALTERNATES

ALTERNATE "A"

1. Construction as described in the specifications.
2. Omit knockout panels, sunshade and roof eave curbs & flashings and utility caps, valves, etc., at location where extension bldg. existing building.
3. Omit sidewalks, curbs & driveways shown on dwg. 2-1, and not shown on dwg. 2-1 EXT.-1.

ALTERNATE "B"

1. Construction of Alternate "A", with the omission of interior concrete block partitions from col's 38 to 48 except those enclosing S.W.C. recess and F.H.C. see dwg. 3-1 EXT.-1.

MICROFILMED

NOTE:
1. See dwg 2-1 for General Notes.
2. See dwg 2-1 for work not shown.

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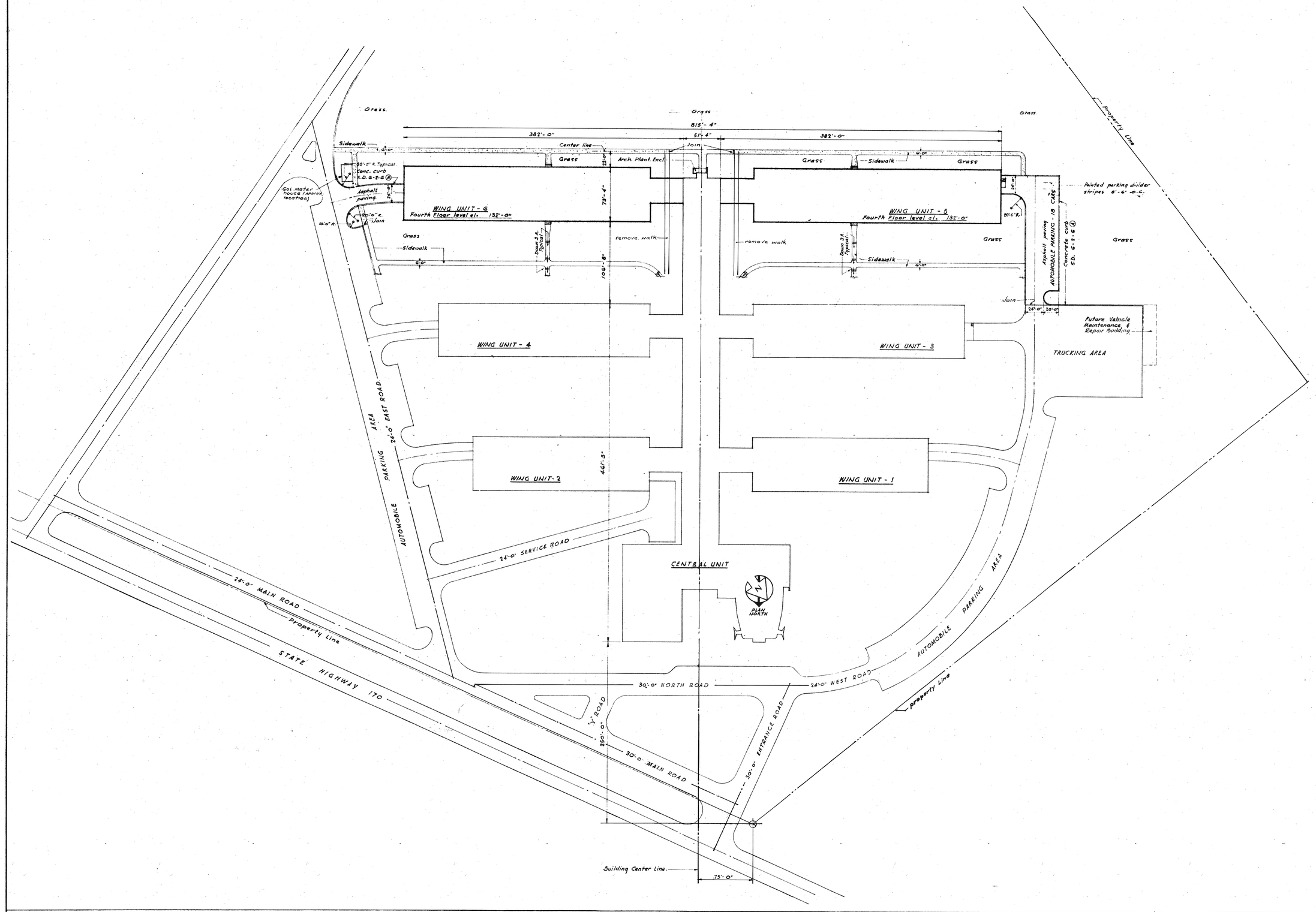
| | | | | |
|---|---|---|---|---|
| JRS 1/4/52 | NBS 8-28-52 | CDH 9/21/52 | 10/5-24-52 | 2-22-52 |
| "ME" | "S" | "SP" | "DD" | "AD" |

PUBLIC BUILDINGS SERVICE
GENERAL SERVICES ADMINISTRATION, WASHINGTON, D.C.

| | | | |
|---|---|---|---|
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | B-044 | FILE NO. | |
| DRAWN BY | A.G. 2-22-52 | CHECKED BY | E.M.G. |
| DRAWING TITLE | SITE PLAN B20001A | | |
| | ARCHITECTURAL | | |
| DRAWING NO. | 2-1 EXT 1 | | |




ALTERNATES

ALTERNATE 'C' & 'D'

1. Construction as described in the specifications.
2. Omit knock-out panels, roof-eave curbs & flashings, and utility caps, valves, etc. at locations where Extension 2 Joins Extension 1.
3. Omit sidewalks, curbs and driveways shown on dwg 2-1 Ext. 1 and not on dwg 2-1 Ext 2.

Notes

1. See dwg. 2-1 for General Notes.
2. See dwg 2-1 for work not shown.



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BOULDER, COLORADO

| | | | | |
|---|---|---|---|---|
| 3/4/52 "AE" | 3-28-52 "S" | 3/31/52 "SP" | 3-28-52 "DD" | 3-24-52 "AD" |

PUBLIC BUILDINGS SERVICE
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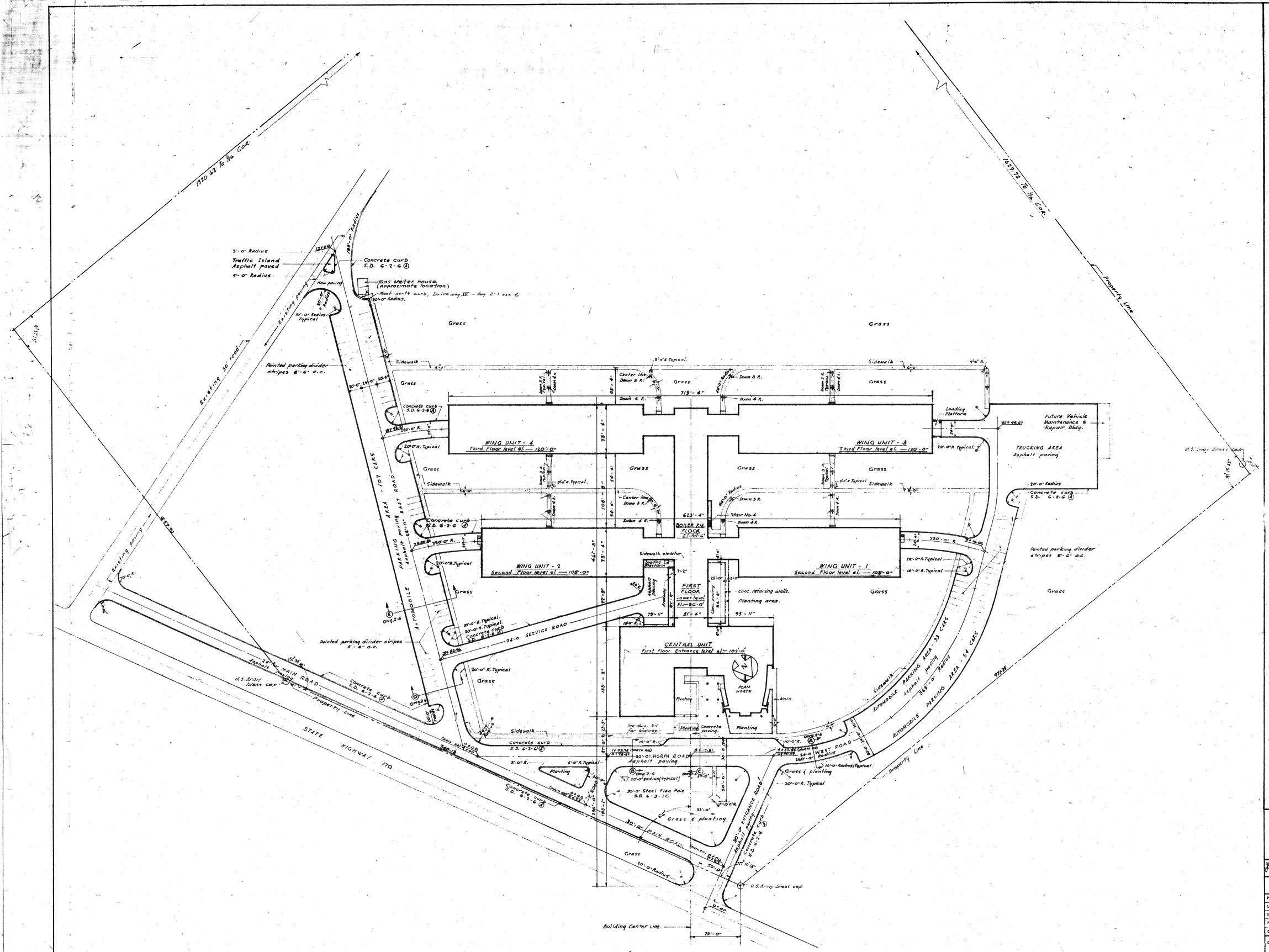
| | | | |
|---|---|---|---|
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | 3-044 | FILE NO. | |
| DRAWN BY | A.G. 2-22-52 | CHECKED BY | E.M.S. |
| DRAWING TITLE | SITE PLAN | | |
| | B-22001 ARCHITECTURAL | | |
| DRAWING NO. | 2-1 EXT 2 | | |

SITE PLAN

Scale 1"=50' (A)




## GENERAL NOTES.

1. All building dimensions are given to exterior face of column c.l.
2. All sidewalks shall be 4" concrete with scoring at 2'-0" c.l.s, contraction joints at 18'-0" c.l.s and expansion joints at 48'-0" c.l.s. Expansion & contraction joints S.D. 6-2-18.
3. All conc. driveway curbs shall be as shown on S.D. 6-2-6 (A) and shall have scoring and expansion and contraction joints at same spacing as sidewalks. Expansion & contraction joints similar to S.D. 6-2-8B.
4. Refer to S.D. 6-3-1C for flagpole details. Pole to be 50'-0" high, base to be conc. & footing to be type no. 2.
5. All steps in sidewalks shall be as shown on S.D. 6-2-19 (A) mod. see dwg. 2-2 for sidewalk elevations.

MICROFILMED

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BOULDER COLORADO

| | | | | | |
|---|---|---|---|---|---|
| 3-14-52 | 3-24-52 | CFM | 4-21-52 | 7-28-52 | 3-24-52 |
| "ME" | "E" | "S" | "DO" | | "AD" |

PUBLIC BUILDINGS SERVICE
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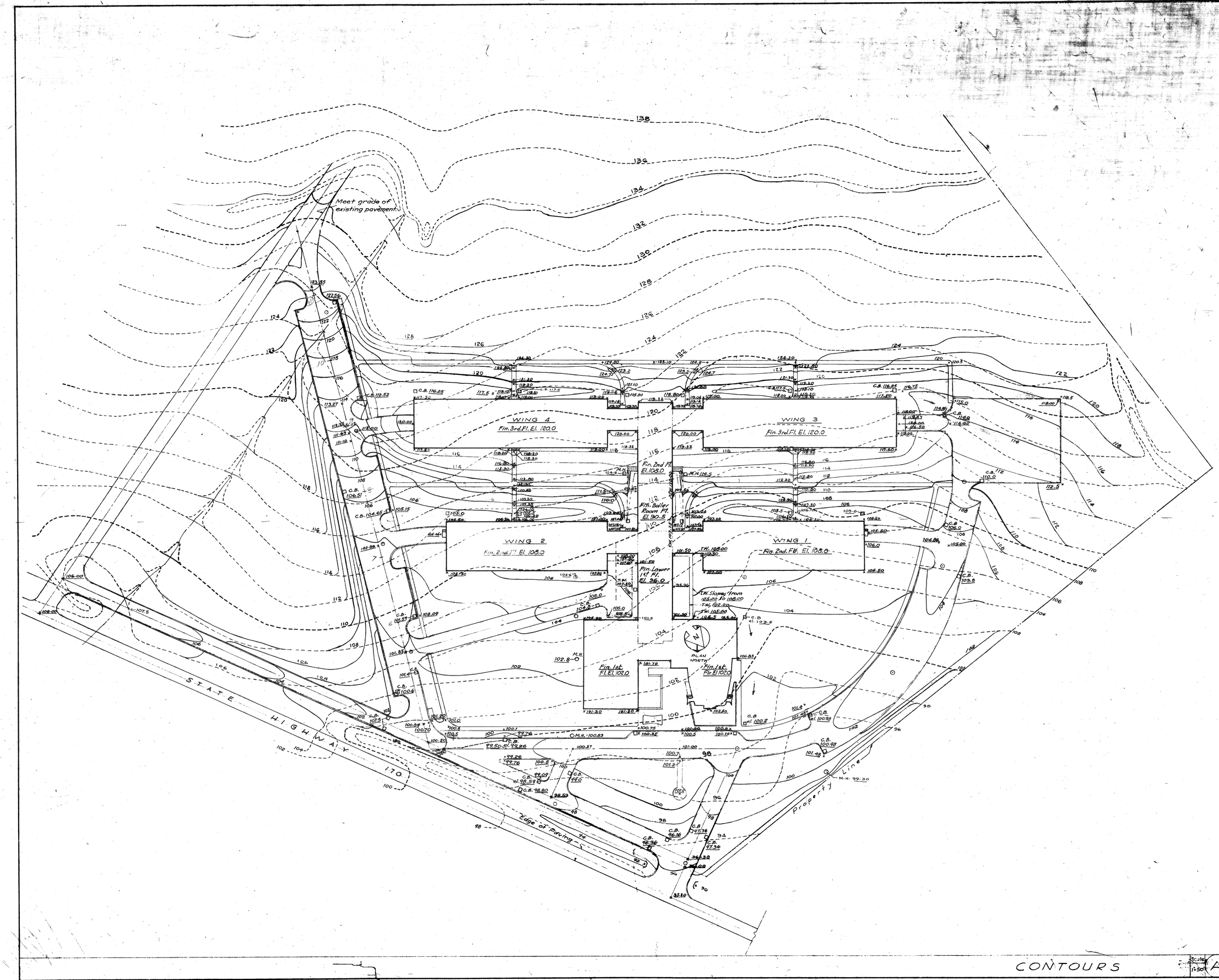
| | | | |
|---|---|---|---|
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | 5-044 | FILE NO. | |
| DRAWN BY | J.E. | 2-22-52 | CHECKED BY E.M.S. |
| DRAWING TITLE | SITE PLAN | | |
| | ARCHITECTURAL | | |
| DRAWING NO. | 2-1 B-20001 | | |

SITE PLAN

Scale 1"=50' (A)

RETURN TO DRAWING FILES UNIT

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BOULDER, COLORADO

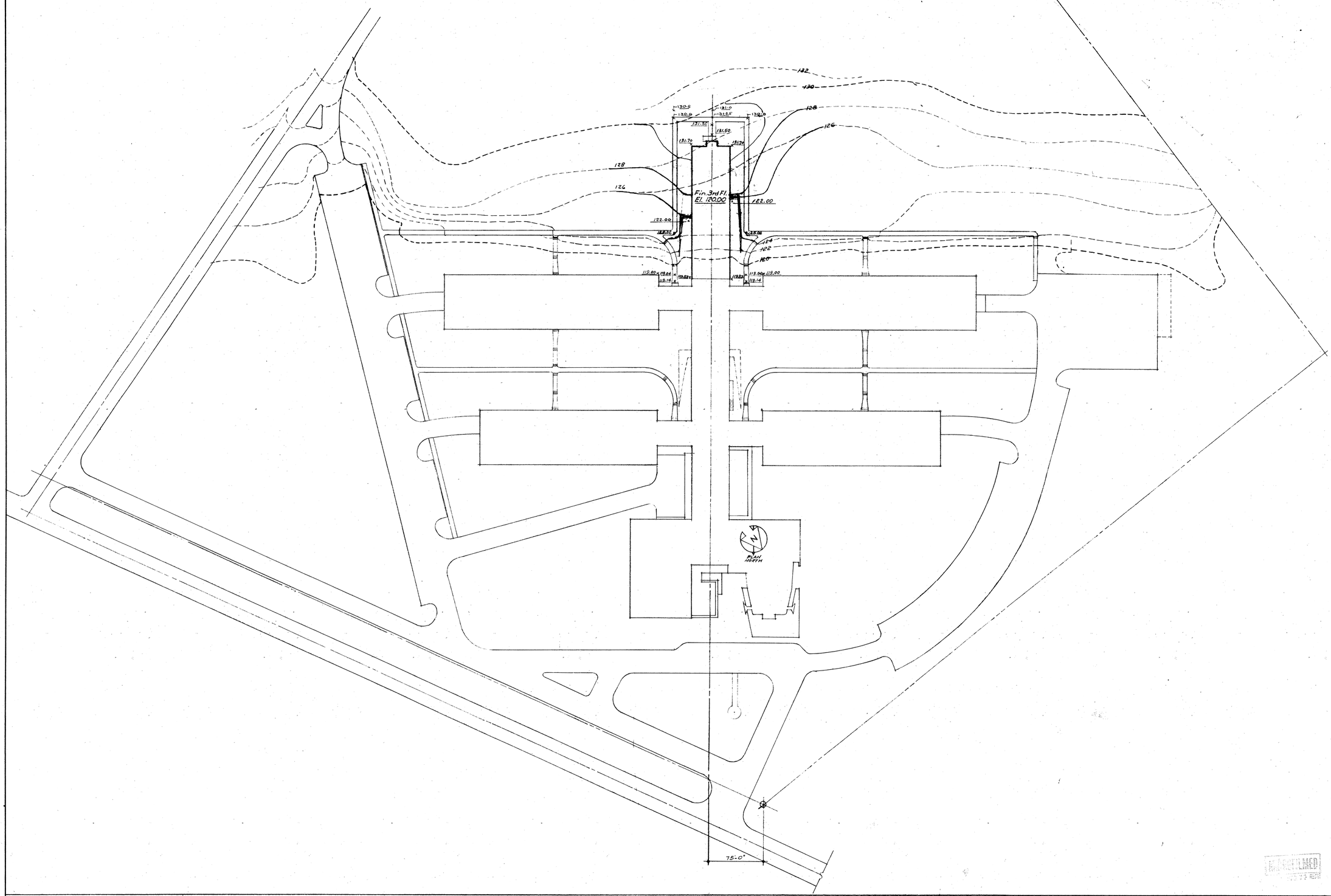
| | | | | |
|---|---|---|---|---|
| 4-14-52 "ME" | 4-14-52 "S" | CEH 3/21/52 "SP" | CJS 2-22-52 "DD" | 2-22-52 "AD" |

PUBLIC BUILDINGS SERVICE
GENERAL SERVICES ADMINISTRATION, WASHINGTON, D. C.

| | | | |
|---|---|---|---|
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | 5-044 | FILE NO. | |
| DRAWN BY | J. M. 2-22-52 | CHECKED BY | C. S. |
| DRAWING TITLE | CONTOURS & GRADING PLAN | | |
| | ARCHITECTURAL | | |
| DRAWING NO. | 2-2B-20002 | | |

5-37

RETURN TO D & C DRAWING FILES UNIT




~LEGEND~

R.D. Roof Drain.

- - - - - Existing Ground.

——— Finished Grade.

Existing ground contours for Extension 1 correspond with finished grade contours for Dwg. No. 2-2. Ext. 2

MICROFILMED

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BOULDER, COLORADO

| | | | |
|---|---|---|---|
| "ME" | "S" | "SP" | "DD" | "AD" |

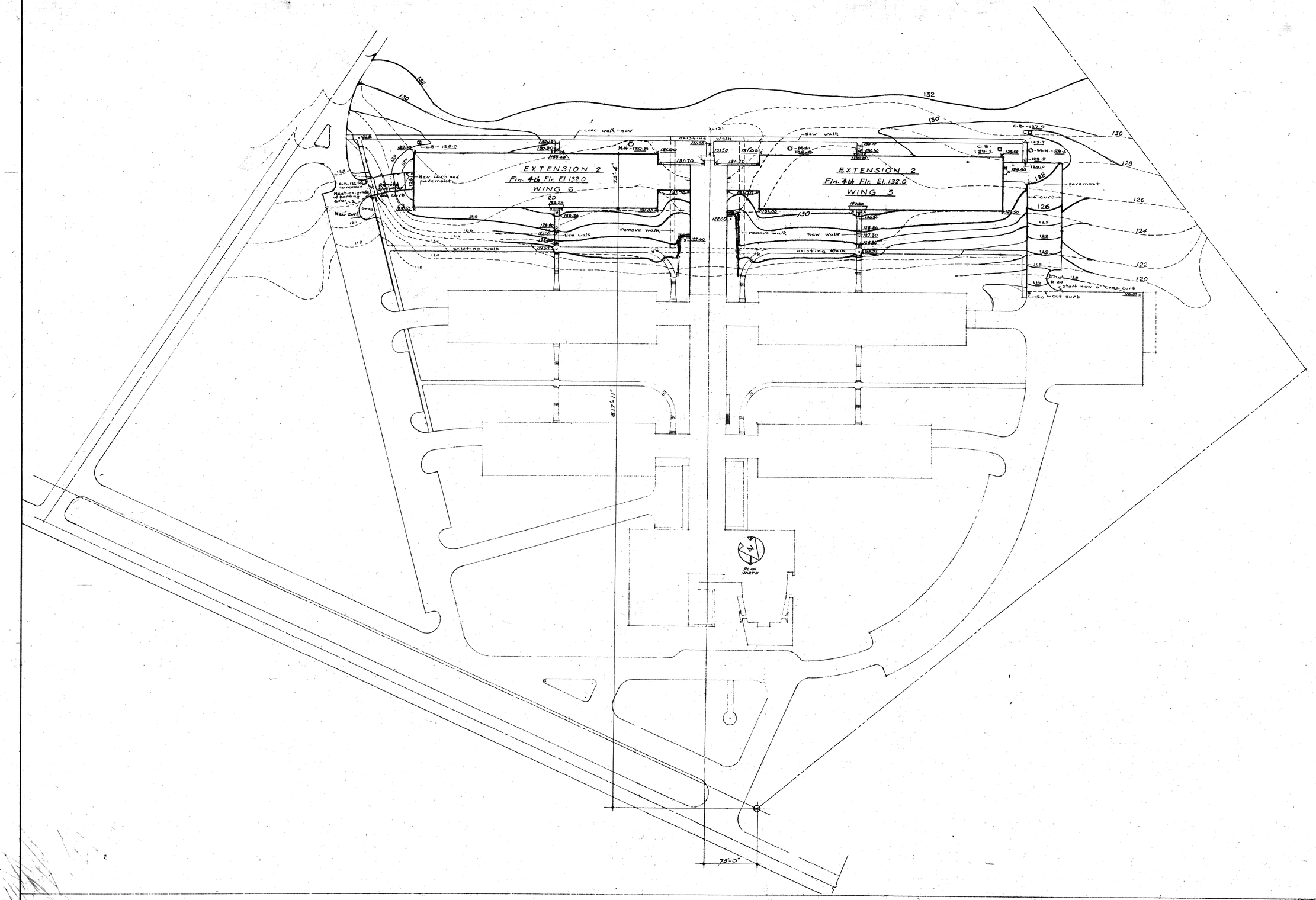
PUBLIC BUILDINGS SERVICE
GENERAL SERVICES ADMINISTRATION, WASHINGTON, D.C.

| | | | |
|---|---|---|---|
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | 9-044 | FILE NO. | |
| DRAWN BY | J.M. 2-22-52 | CHECKED BY | C.S. |
| DRAWING TITLE | CONTOURS & GRADING PLAN | | |
| B-20002A ARCHITECTURAL | | | |
| DRAWING NO. | 2-2 EXT 1 | | |

CONTOURS & GRADING - EXTENSION-1

SCALE 1"=50' A

MICROFILMED




GRADING PLAN - EXTENSION 2

SCALE 1" = 50'

A

~LEGEND~

■ Catch Basin (Detail 6-2-15 mod & 6-2-15A mod)
⊙ Manhole Storm Drain.
S.P. Vitrified Clay Pipe.
R.D. Roof Drain.

Existing ground contours for Extension 2 correspond with finish grade contours for Dwg. No. 2-2 Ext. 1.



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BOULDER, COLORADO

| "ME" | "S" | "SF" | "DD" | "AD" |
|---|---|---|---|---|
| J.M. 2-21-52 | HGT 2-22-52 | CEH 2-21-52 | CAB 2-28-52 | 2-28-52 |

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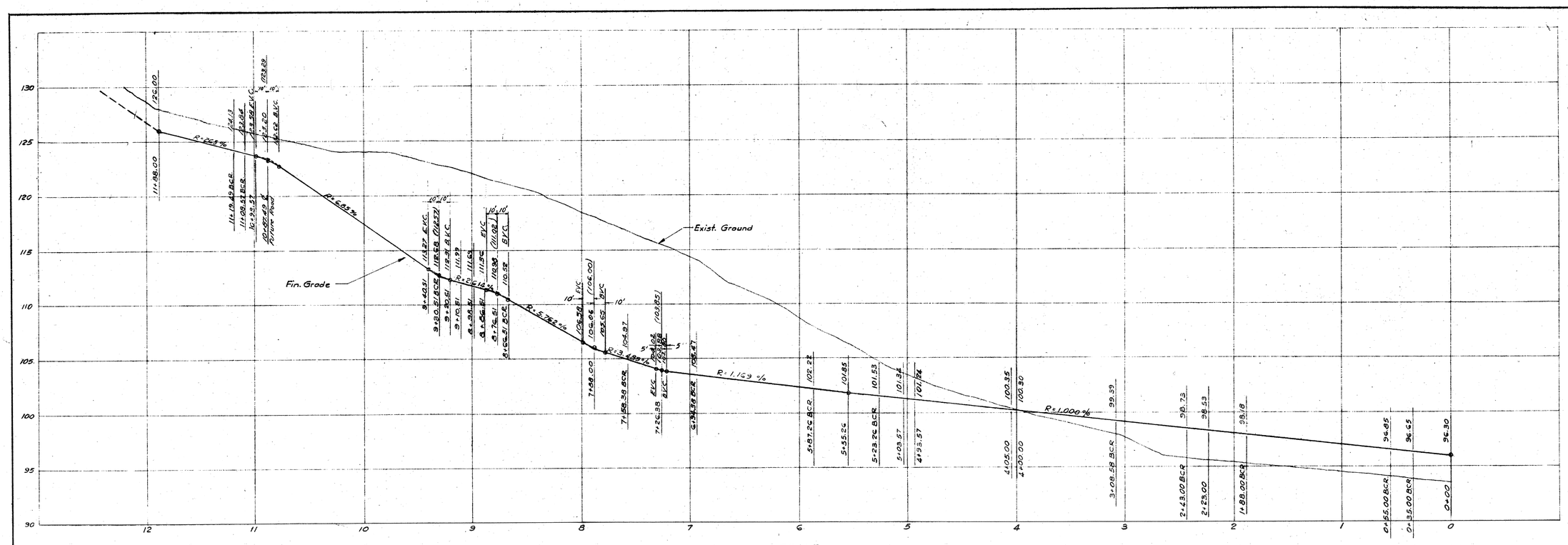
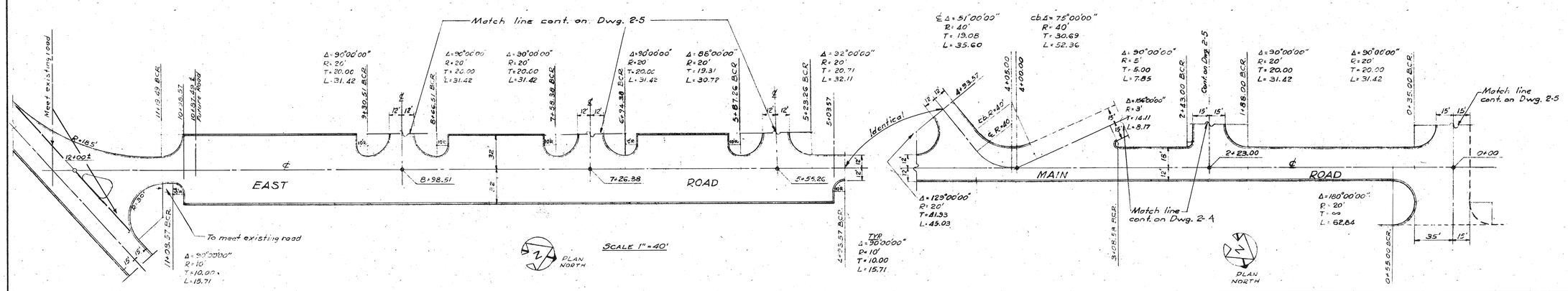
|---|---|---|---|
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | B-044 | FILE NO. | |
| DRAWN BY | J.M. 2-22-52 | CHECKED BY | C.S. |
| DRAWING TITLE | CONTOURS & GRADING PLAN | | |
| B-22002 | ARCHITECTURAL | | |
| DRAWING NO. | 2-2 EXT 2 | | |



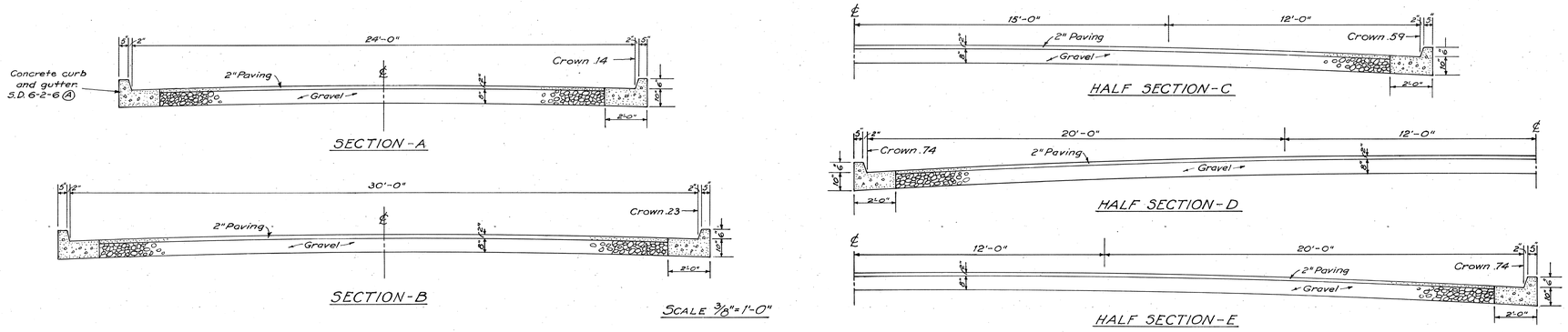

PROFILE

Scale H-1"=40' V-1"=4' (C)



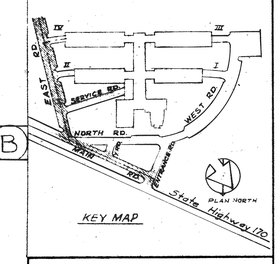

STREET PLAN

Scale 1"=40' (B)




STREET SECTIONS

(A)




KEY MAP

PEREIRA & LUCKMAN
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LOS ANGELES, CALIFORNIA
ROBERT W. DITZEN
ASSOCIATE ARCHITECT
BOULDER, COLORADO

| | | | | |
|---|---|---|---|---|
| 9-4-52 "A6" | 11-21-52 2-22-52 "5" | C.S.N. 9-16-52 "3" | 9-23-52 "00" | 2-22-52 "A0" |

PUBLIC BUILDINGS SERVICE
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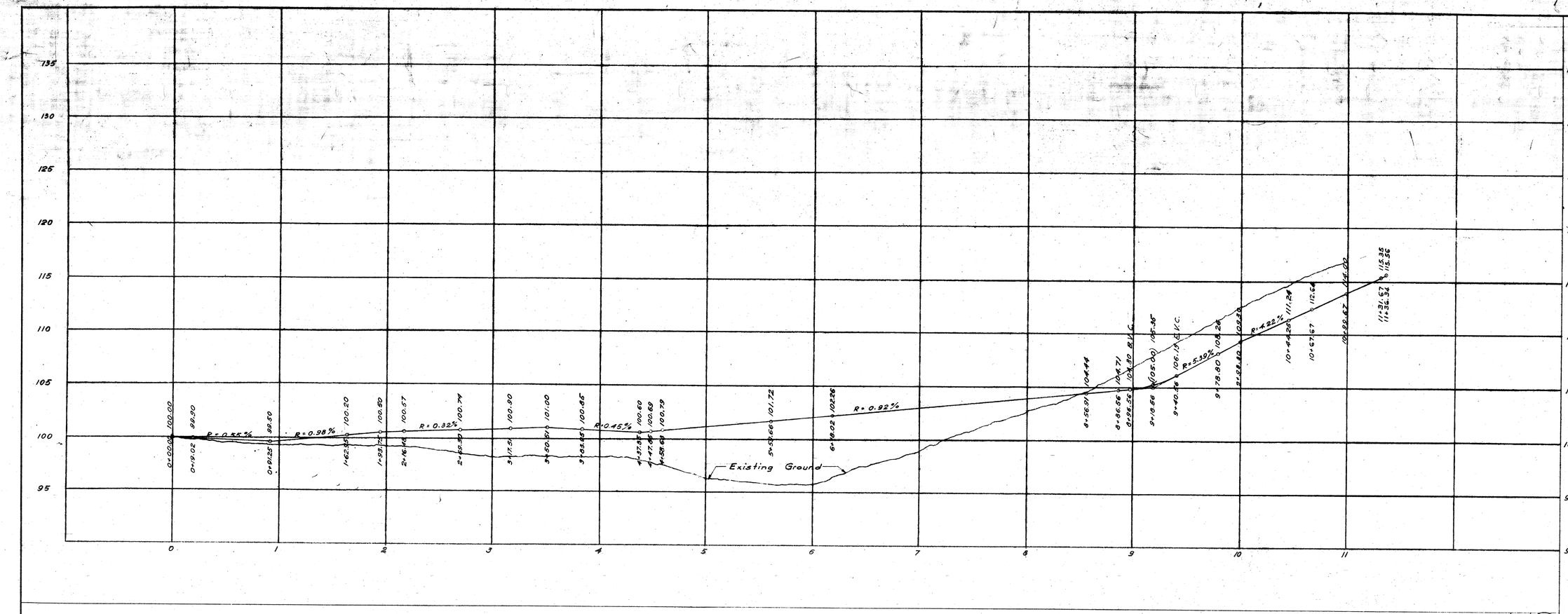
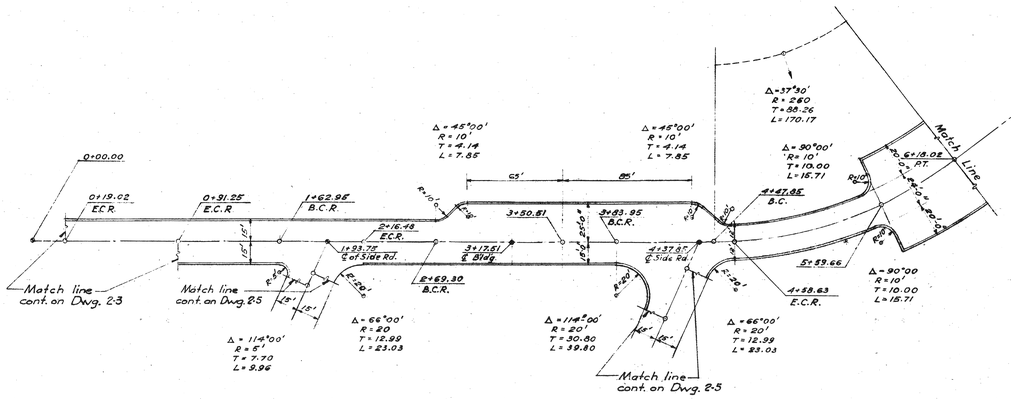
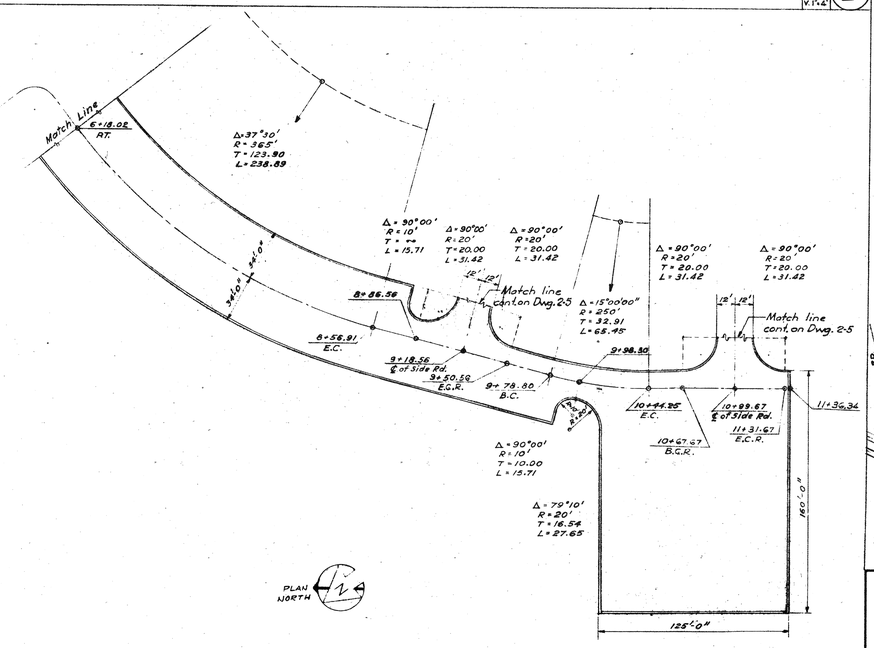
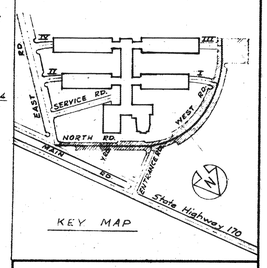
| | | | |
|---|---|---|---|
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | 8-044 | FILE NO. | |
| DRAWN BY | J. M. 2-22-52 | CHECKED BY | C. S. |
| DRAWING TITLE | STREET PLANS & PROFILES | | |
| | ARCHITECTURAL | | |
| DRAWING NO. | 2-3 | | |

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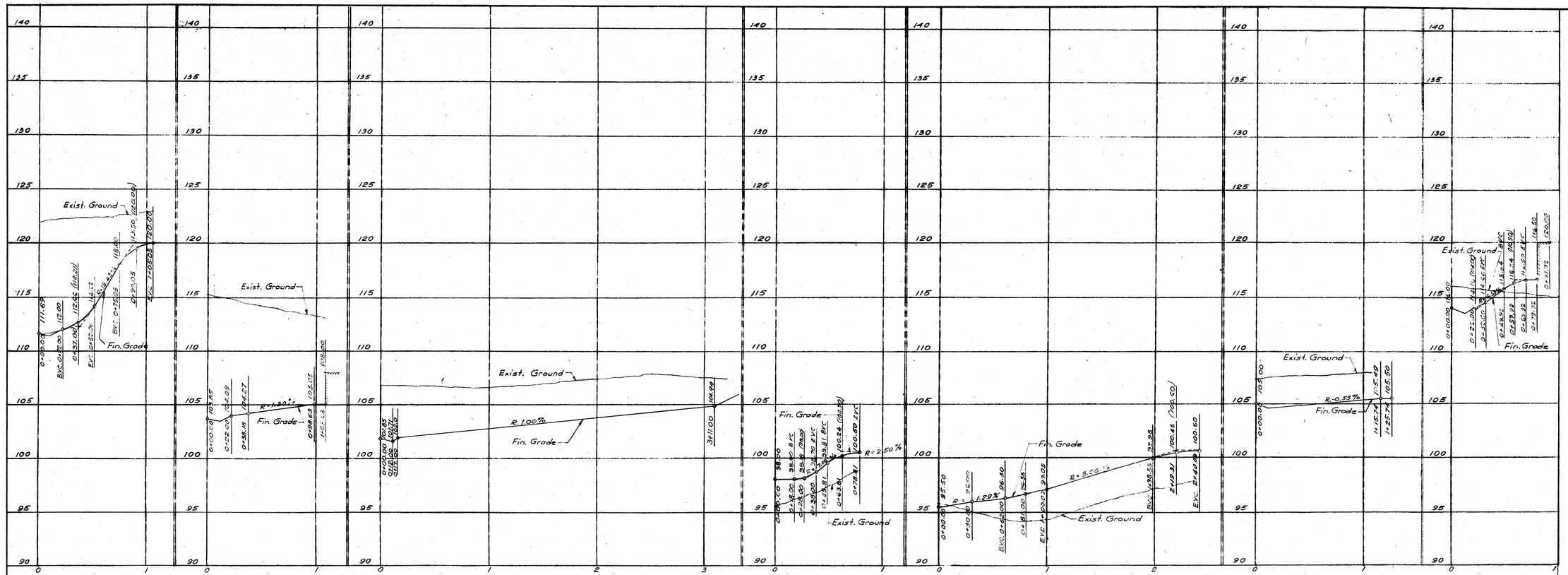
BOULDER, COLORADO

| | | | |
|---|---|---|---|
| 3/1/52 "ME" | 3-24-52 "S" | 3-17-52 "SP" | 3-24-52 "DD" |

PUBLIC BUILDINGS SERVICE
GENERAL SERVICES ADMINISTRATION, WASHINGTON, D. C.

| | | | |
|---|---|---|---|
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | 9-044 | FILE NO. | |
| DRAWN BY | J. M. 2-22-52 | CHECKED BY | |
| DRAWING TITLE | STREET PLANS & PROFILES | | |
| DRAWING NO. | B-20004 ARCHITECTURAL 2-4 | | |

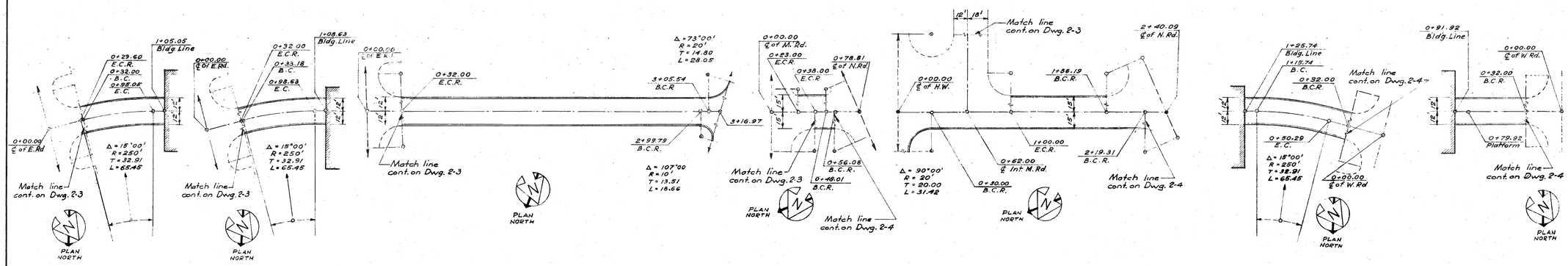
STREET PLAN
Scale 1"=40'
A




PROFILE

Scale H 1"=40' V. 1"=4'

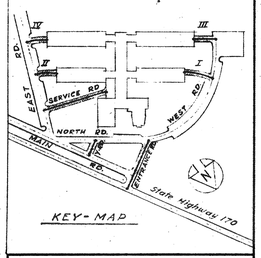
B




STREET PLAN

Scale 1"=40'

A

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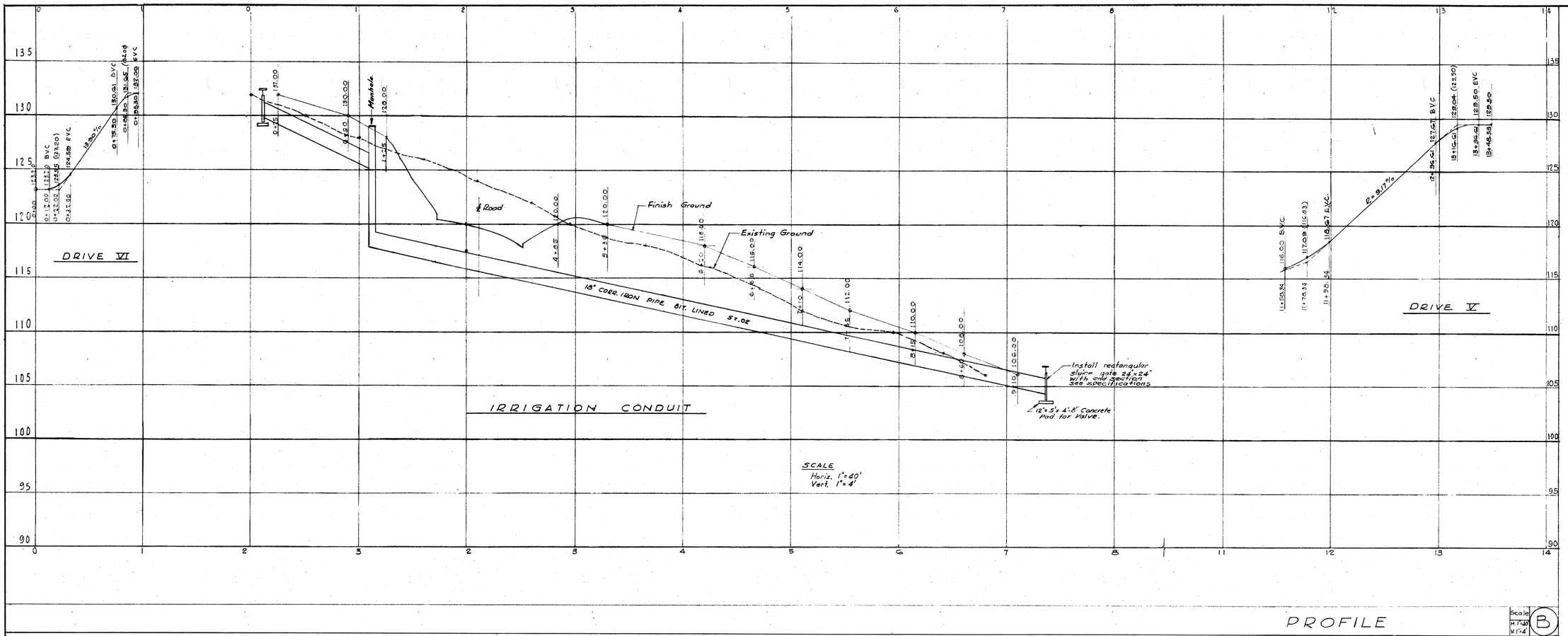
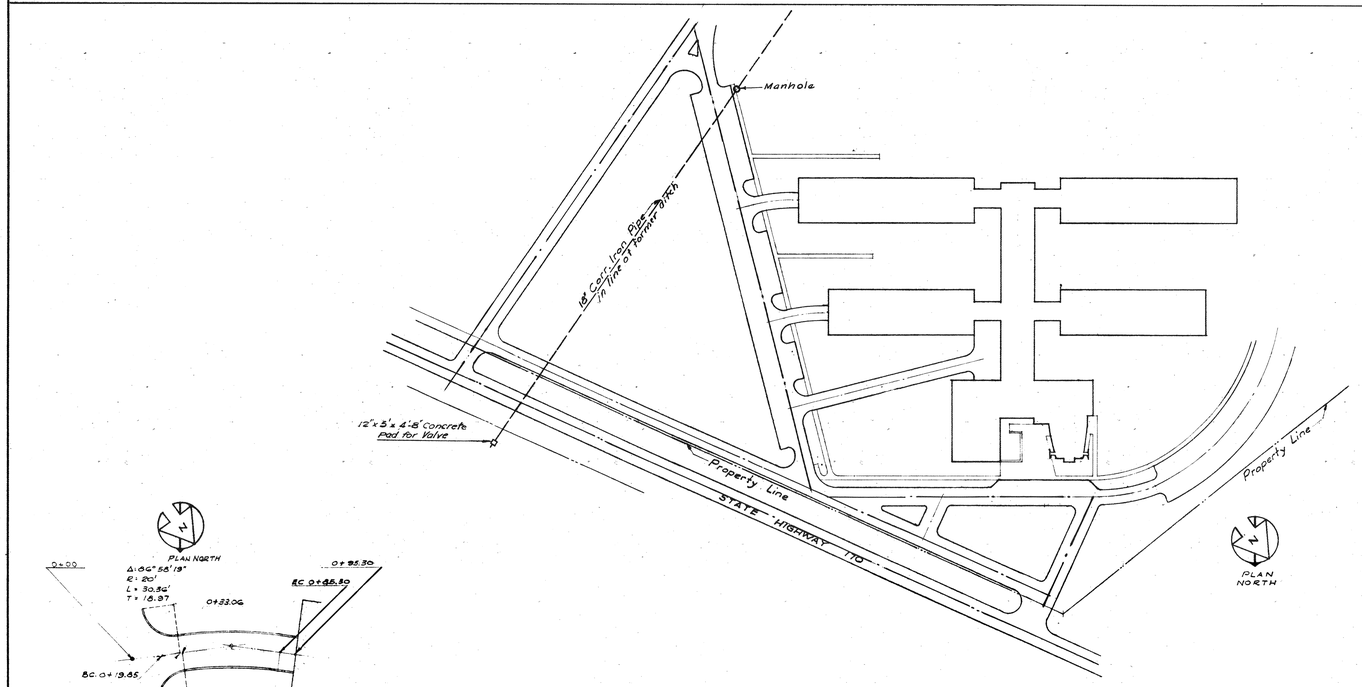
BOULDER, COLORADO

| | | | | |
|---|---|---|---|---|
| "LE" | "T" | "JF" | "DD" | "AD" |

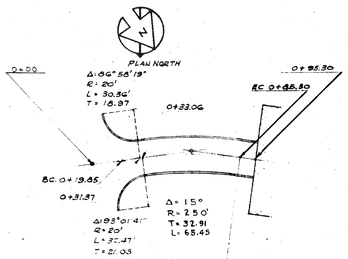
PUBLIC BUILDINGS SERVICE
GENERAL SERVICES ADMINISTRATION, WASHINGTON, D.C.

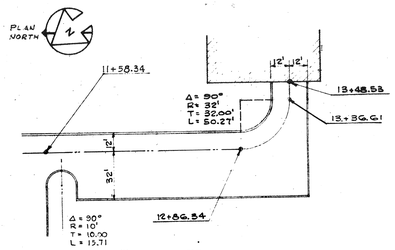
| | | | |
|---|---|---|---|
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | 5-044 | FILE NO. | |
| DRAWN BY | J. M. 2-22-52 | CHECKED BY | C.S. |
| DRAWING TITLE | STREET PLANS & PROFILES | | |
| B20005 | ARCHITECTURAL | | |
| DRAWING NO. | 2-5 | | |




LOCATION OF IRRIGATION CONDUIT
Scale: 1"=100'



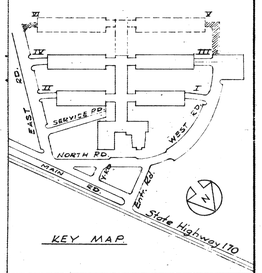

MANHOLE NOT VISIBLE - UNCOVER IF PIPE IN USE.
UTILITIES SUPERSEDED BY 8519001 - OUTSIDE UTILITY SURVEY - 1967

STREET PLAN

Scale 1"=40' (A)

Scale H 1"=40' V 1"=4' (B)

Note: 18" conduit will provide capacity for maximum flow of existing ditch.



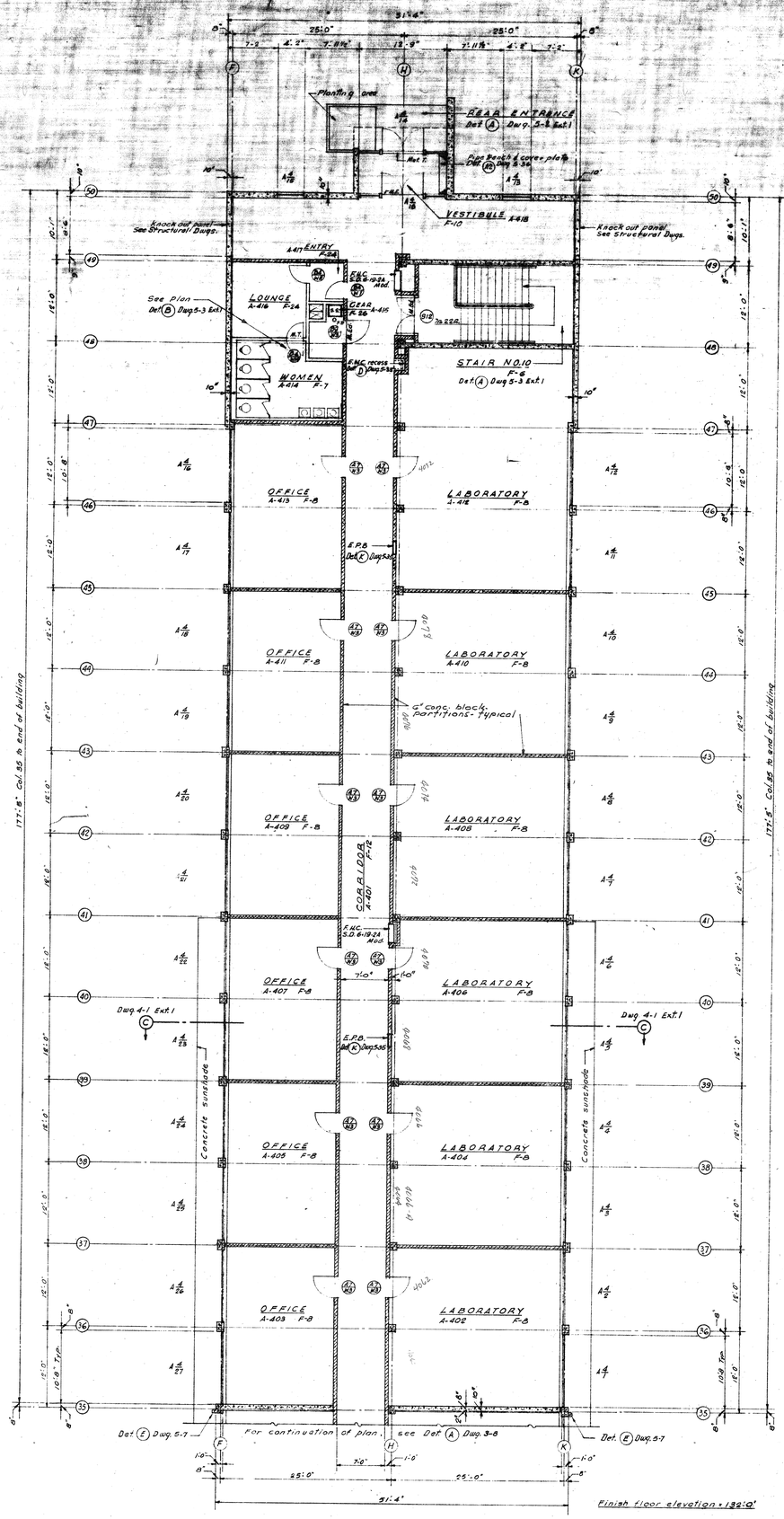

KEY MAP

PEREIRA & LUCKMAN
AND
J. E. STANTON
ARCHITECTS AND ENGINEERS
LOS ANGELES, CALIFORNIA
ROBERT W. DITZEN
ASSOCIATE ARCHITECT
BOULDER, COLORADO

| | | | |
|---|---|---|---|
| JWC 1/3/52 | CEH 2-14-52 | CAP 2-14-52 | 3-24-52 |
| "WE" | "E" | "SW" | "DD" | "AD" |

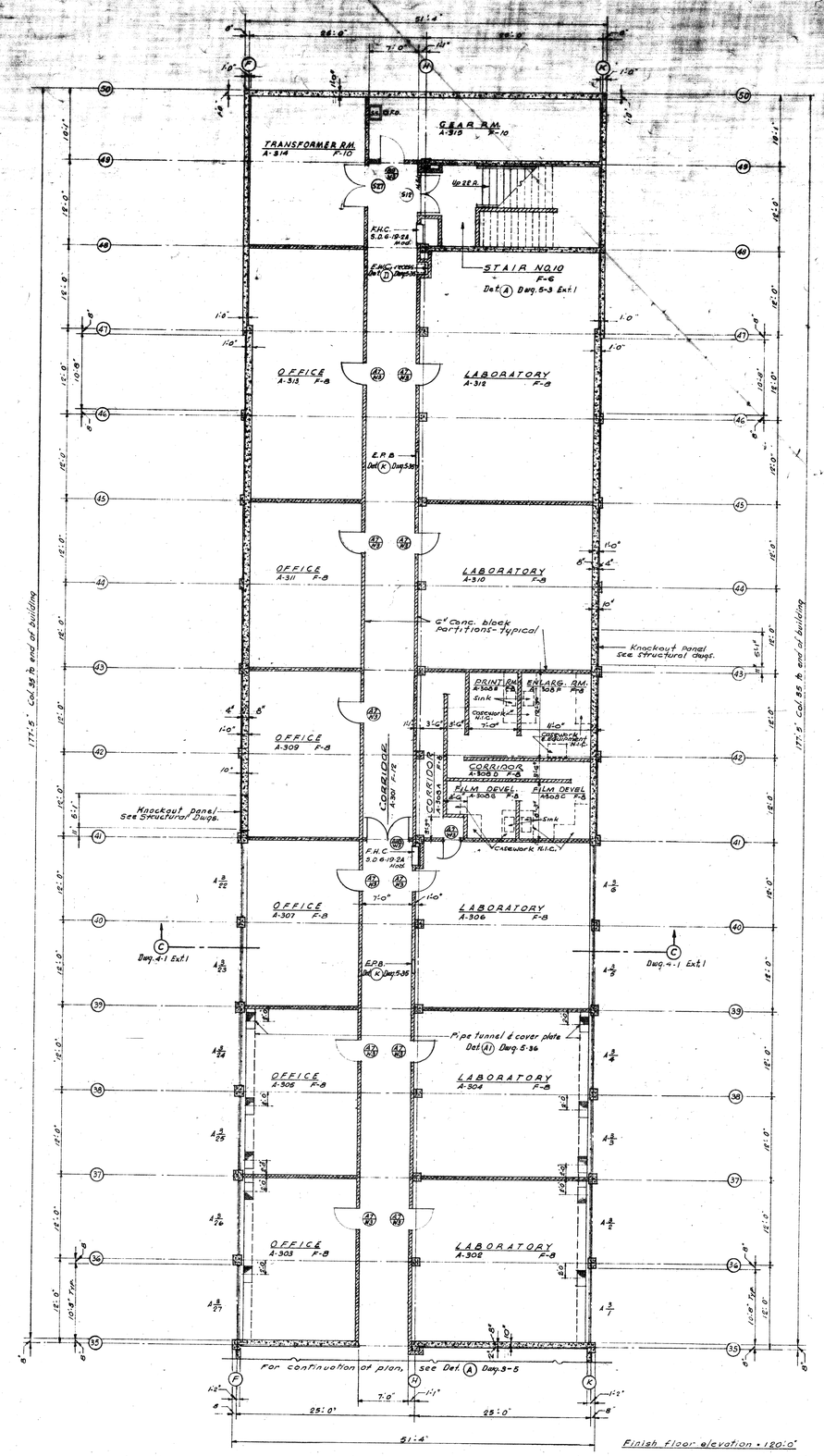
PUBLIC BUILDINGS SERVICE
GENERAL SERVICES ADMINISTRATION, WASHINGTON, D.C.

| | | | |
|---|---|---|---|
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | 9-044 | FILE NO. | |
| DRAWN BY | J.M. 2-22-52 | CHECKED BY | C.S. |
| DRAWING TITLE | STREET PLANS & PROFILES | | |
| B20006 | ARCHITECTURAL | | |
| DRAWING NO. | 2-6 | | |




FOURTH FLOOR PLAN – CENTRAL UNIT

Scale 1/8" B

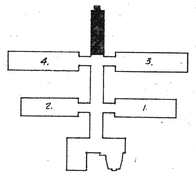



THIRD FLOOR PLAN – CENTRAL UNIT

Scale 1/8" A

NOTES.

1. See "General Notes" Dwg. 3-1
2. For "Abbreviations", "Material Symbols", "Typical Partitions", "Typical Furring", "Structural Dwg. References" see dwg. 3-1




KEY PLAN

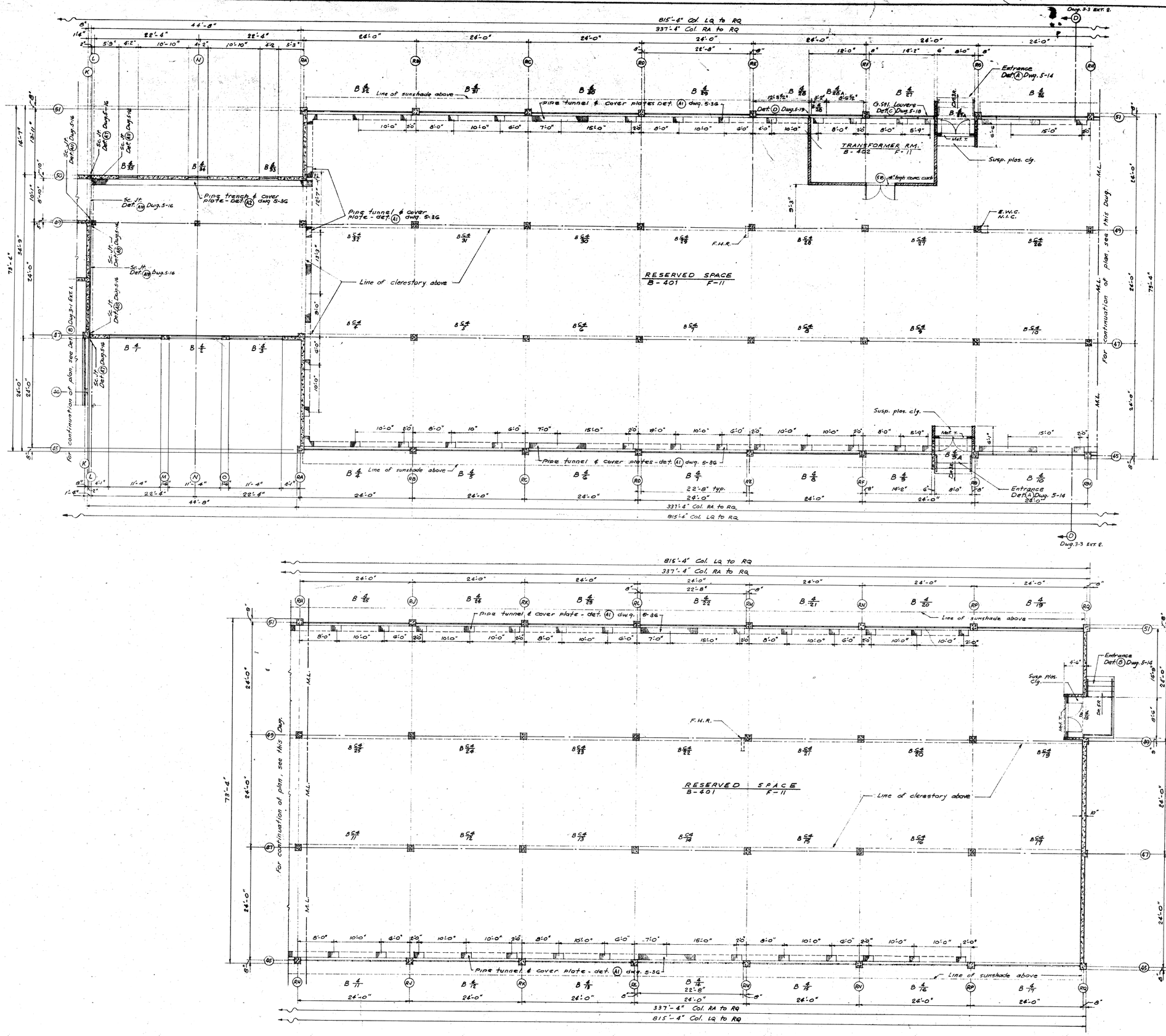


PEREIRA & LUCKMAN
AND
J. E. STANTON
ARCHITECTS AND ENGINEERS
LOS ANGELES, CALIFORNIA
ROBERT W. DITZEN
ASSOCIATE ARCHITECT
BOULDER, COLORADO

| "ME" | "S" | "SP" | "DD" | "AD" |
|---|---|---|---|---|
| 3/4/52 | 3-4-52 | | | 3-22-52 |

PUBLIC BUILDINGS SERVICE
GENERAL SERVICES ADMINISTRATION, WASHINGTON, D.C.

| | | | |
|---|---|---|---|
| PROJECT | NEW BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | 5-044 | FILE NO. | |
| DRAWN BY | C.H.C. 2-22-52 | CHECKED BY | E.M.S. |
| DRAWING TITLE | THIRD & FOURTH FLOOR PLAN | | |
| | B-20011A ARCHITECTURAL | | |
| DRAWING NO. | 3-1 EXT 1 | | |







Finish floor elevation = 132'-0"

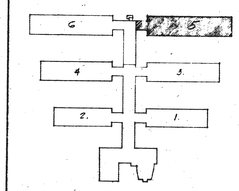
PLAN NORTH

# FOURTH FLOOR PLAN WING UNIT 5

Scale 1/8" A

NOTES

1. See "General Notes" Dwg. 3-1
2. For "Abbreviations," "Material Symbols," "Typical Partitions," "Typical Purlins," see Dwg. 3-1




KEY PLAN



PEREIRA & LUCKMAN AND J. E. STANTON
ARCHITECTS AND ENGINEERS
LOS ANGELES, CALIFORNIA
ROBERT W. DITZEN
ASSOCIATE ARCHITECT
BOULDER, COLORADO

| | | | | |
|---|---|---|---|---|
| "MS" | "S" | "SP" | "DD" | "AD" |

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GENERAL SERVICES ADMINISTRATION, WASHINGTON, D.C.

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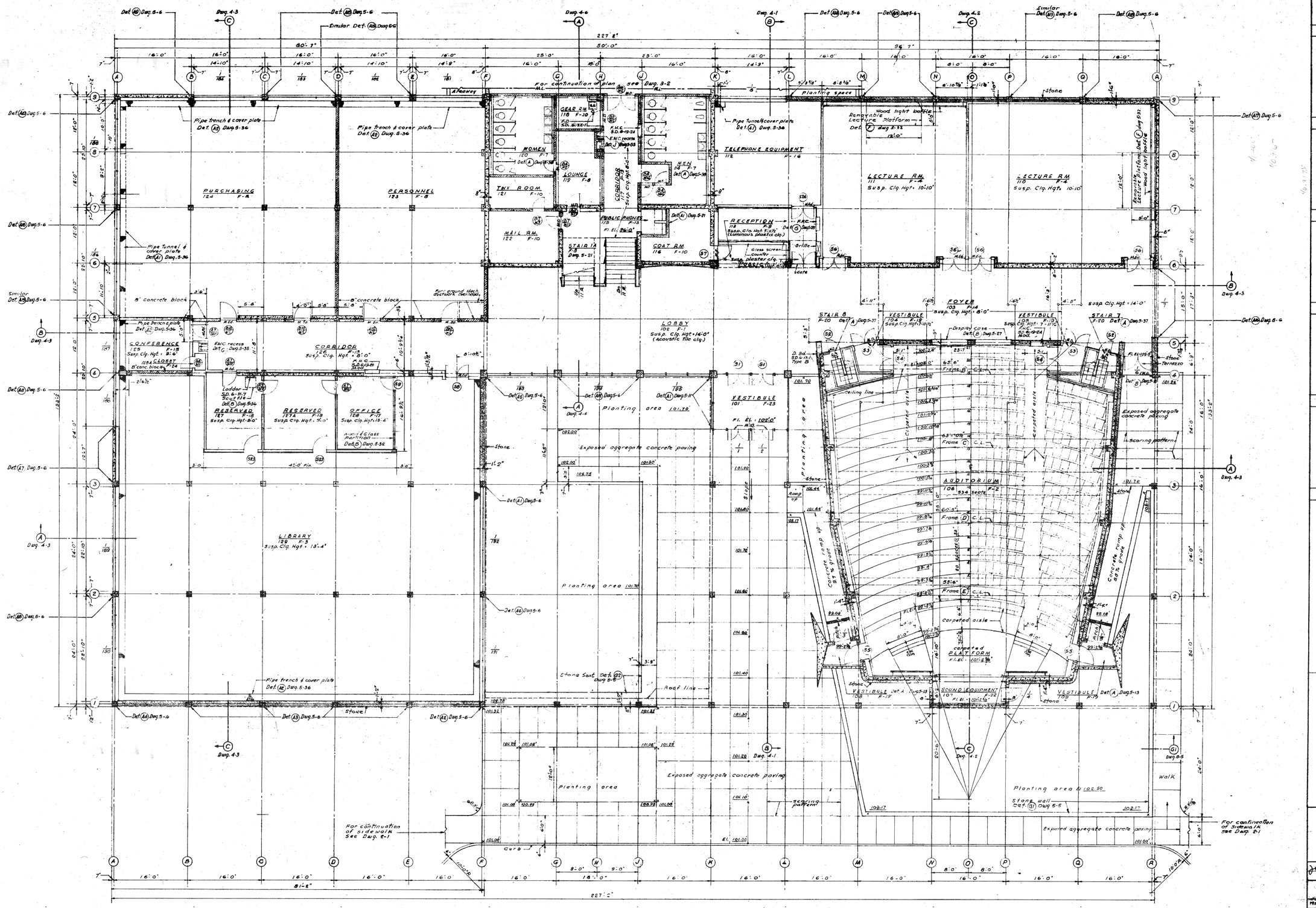
|---|---|---|---|
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | 5-044 | FILE NO. | |
| DRAWN BY | L.P. | 2-22-52 | CHECKED BY E.M.S. |
| DRAWING TITLE | FOURTH FLOOR PLAN WING UNIT 5 | | |
| B-22003 | ARCHITECTURAL | | |
| DRAWING NO. | 3-1 EXT 2 | | |




# FIRST FLOOR PLAN – ENTRANCE LEVEL – CENTRAL UNIT

Scale 1/8" (A)

## DRAWING REFERENCES

| | |
|---|---|
| Drawing Index | Dwg. 0-1 |
| Site Plan | Dwg. 2 & 2-1 |
| Sections & Elevations | Dwgs. 4-1 to 4-11 |
| Finish Schedules | Dwgs. 5-1 & 5-2 |
| Vestibule Enclosures | Dwg. 5-11 |
| Window Schedule | Dwg. 5-18 |
| Door Schedule | Dwg. 5-20 |
| Lobby Interiors | Dwg. 5-24 |
| Foyer Interiors | Dwg. 5-27 |
| Lecture Room Interiors | Dwg. 5-28 |
| Auditorium Interiors | Dwg. 5-29 |
| Library Interiors | Dwg. 5-32 |
| Lobby, Foyer, Library, Floor & Ceiling Plan | Dwg. 5-33 |
| Reception Room | Dwg. 5-46 |

## ABBREVIATIONS

| Architectural Abbreviations | S.D. 6-1-28 |
|---|---|
| C.J. | Control Joint |
| G. St'l. | Galvanized Steel |
| Jan. | Janitor |
| M. D. | Metal Divider Strip |
| Met. T. | Metal Threshold |
| M. L. | Match Line |
| Plywood | Plywood |
| Sc. Jt. | Seismic Joint |
| T.W. | Top of wall |
| E.P.B. | Electric Panel Board |
| M.O. | Masonry or door opening |
| L. D. | Lower Dimension |
| W.D. | Window Dimension |

## MATERIAL SYMBOLS

| Material Symbols | S.D. 6-1-1 mod. |
|---|---|
| Concrete Block | |
| Metal (Steel) Studs | |

## TYPICAL PARTITIONS

Concrete Block Partitions
1. Nominal 8" thickness, 11'-0" Height extent as indicated, exceptions noted.
2. Nominal 8" thickness, where noted, extent as indicated.

Steel Stud Partitions
1. 3 1/4" Steel studs

## TYPICAL FURRING

Steel
1. 3 1/4" steel studs
2. 3/4" steel channels

Wood
1. 2"x4" studs

See detail (J) dwg. 5-36 for typical wood furring details.

## STRUCTURAL DRAWING REFERENCES

1. See dwg. 7-1 for details of:
   (a) Metal Studs & furring.
   (b) Concrete block partitions.
   (c) Stone veneer & masonry walls.

## GENERAL NOTES

1. Exterior thresholds indicated • S.D. 6-15-24 A except where otherwise detailed.
2. Metal Edging indicated • S.D. 6-15-7 (a)
3. Marble Threshold indicated • S.D. 6-15-7 (b)
4. Metal Dividing Strip indicated • S.D. 6-15-7 (c)
5. For list of Items not in Contract see Dwg. 5-2
6. Elevator references:
   (a) Elevator No. 1 - Passenger Elevator
   (b) Elevator No. 2 - Freight Elevator (Sidewalk type)

KEY PLAN



PEREIRA & LUCKMAN
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ROBERT W. DITZEN
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BOULDER, COLORADO

| | | | | |
|---|---|---|---|---|
| 2-13-61 | 3-23-62 | | | |
| "NE" | "S" | "SP" | "D" | "AD" |

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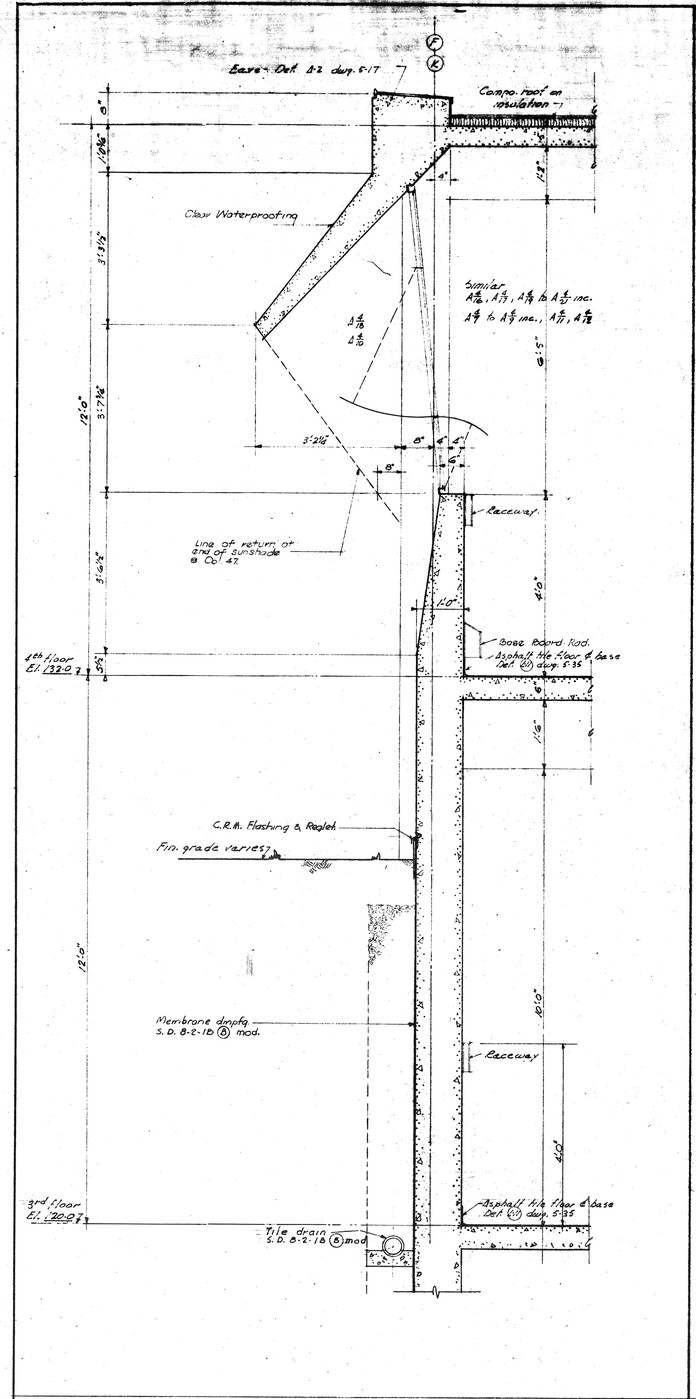
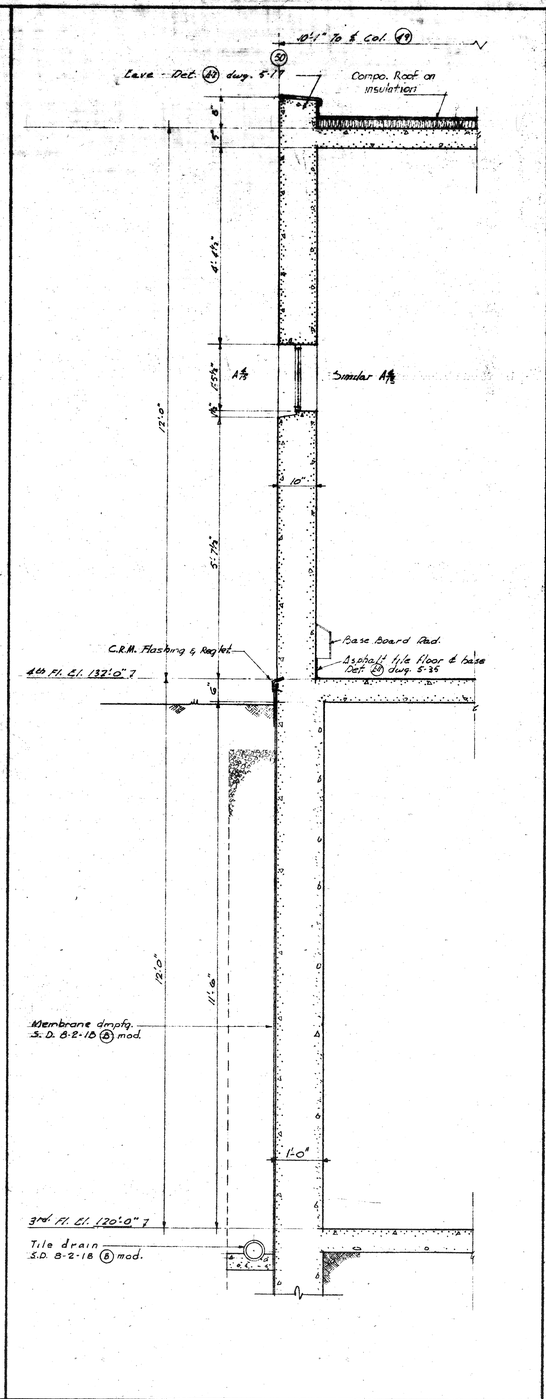
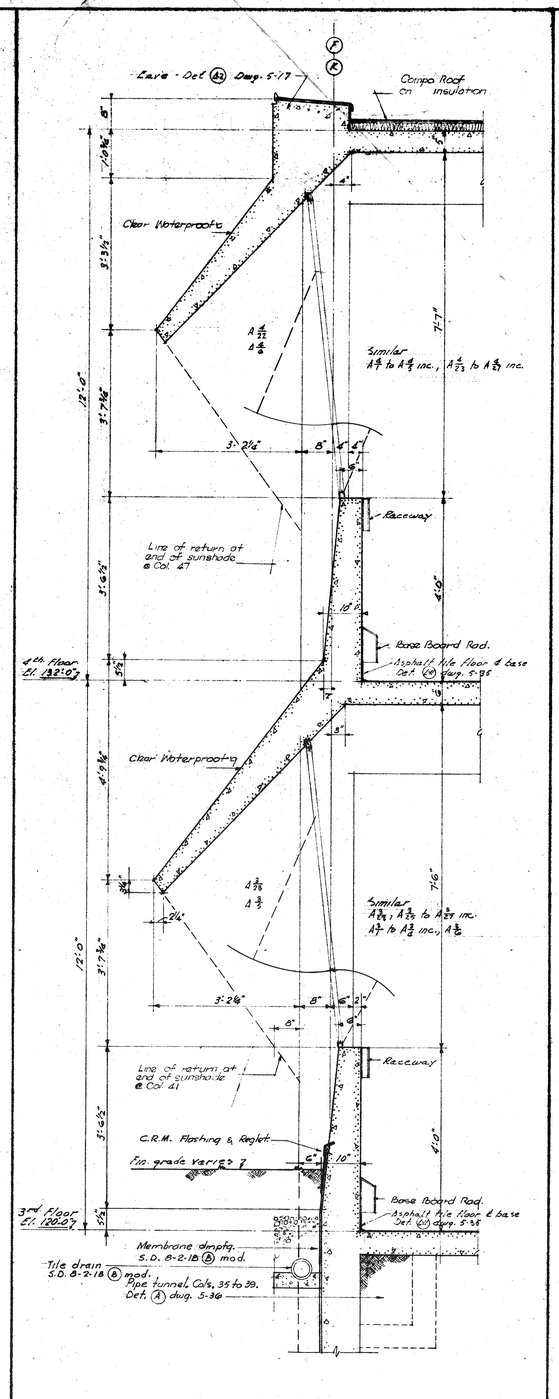
|---|---|---|---|
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | S-044 | FILE NO. | |
| DRAWN BY | C.H.C. | 2-22-52 | CHECKED BY E.M.S. |
| DRAWING TITLE | FIRST FLOOR PLAN ENTRANCE LEVEL - CENTRAL UNIT | | |
| | ARCHITECTURAL | | |
| DRAWING NO. | 3-1 B-20 007 | | |



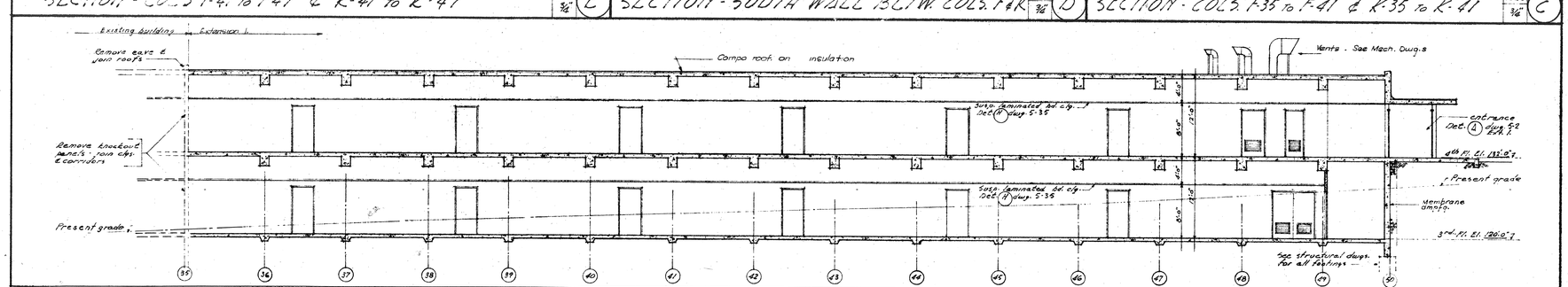

SECTION - COL'S F-41 to F-47 & K-41 to K-47 Scale 3/8" (E)



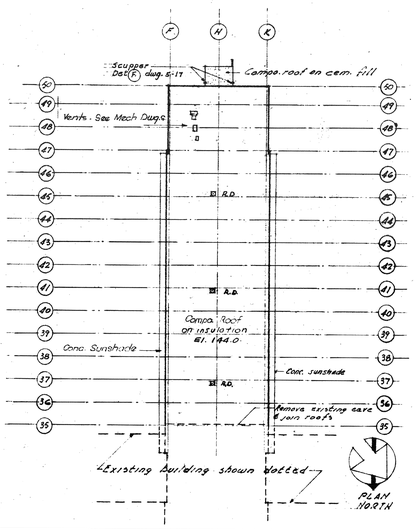

SECTION - SOUTH WALL BETW. COL'S. F & K Scale 3/8" (D)




SECTION - COL'S. F-35 to F-41 & K-35 to K-41 Scale 3/8" (C)

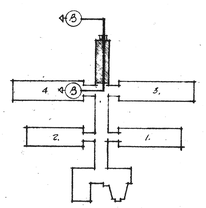



SECTION Scale 1/8" (B)




ROOF PLAN Scale 1/32" (A)

NOTE
Provide anchor bars and pipe sleeves at all roofs. See detail (D) dwg 5-36
Anchor bars to be located at each exterior and interior column.
Pipe sleeves to be located at alternate exterior columns.




KEY PLAN



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BOULDER, COLORADO

| | | | | |
|---|---|---|---|---|
| 3-14-60 "ME" | 3-24-60 "S" | "SF" | REVISED-52 "DD" | 2-24-52 "AD" |

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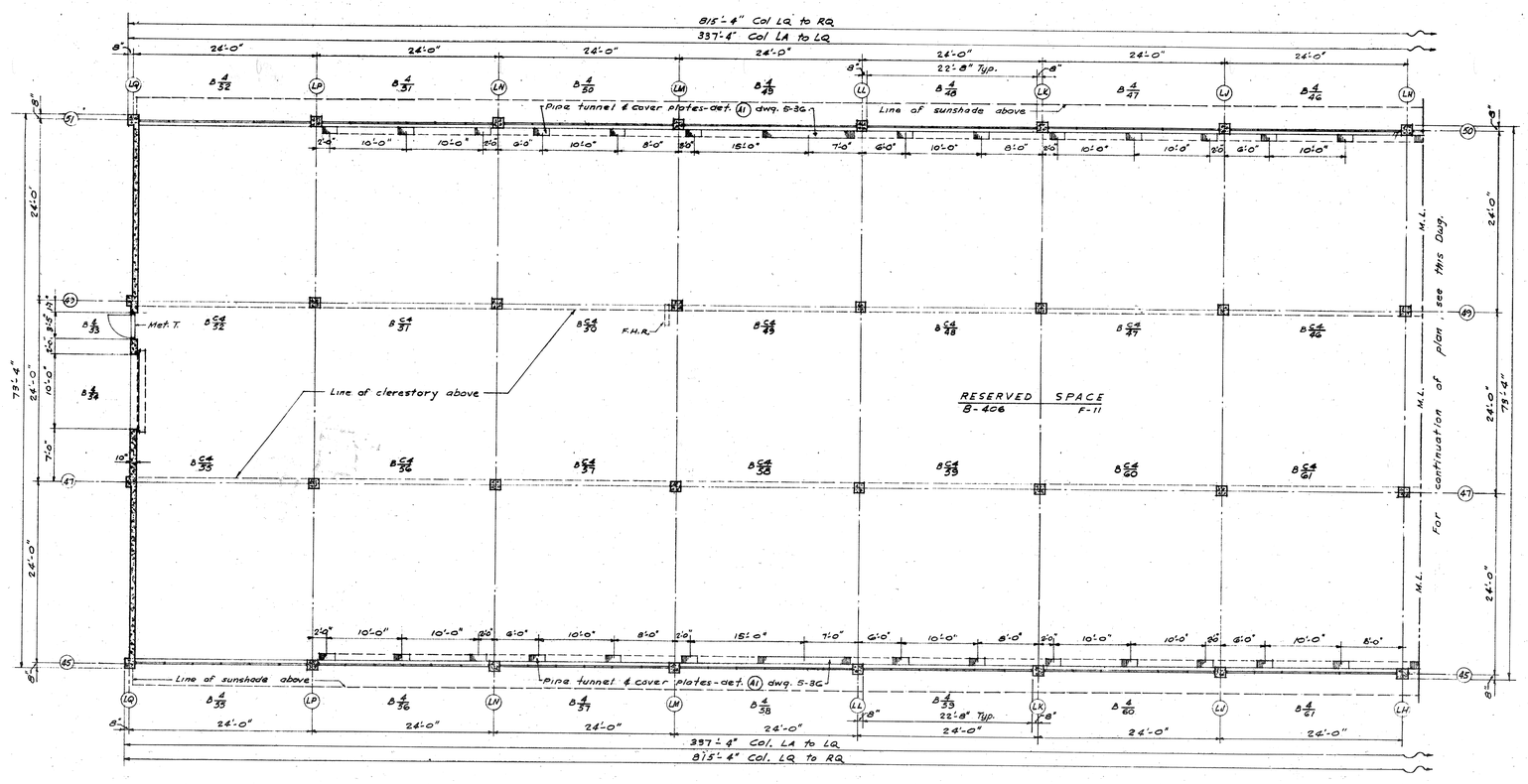
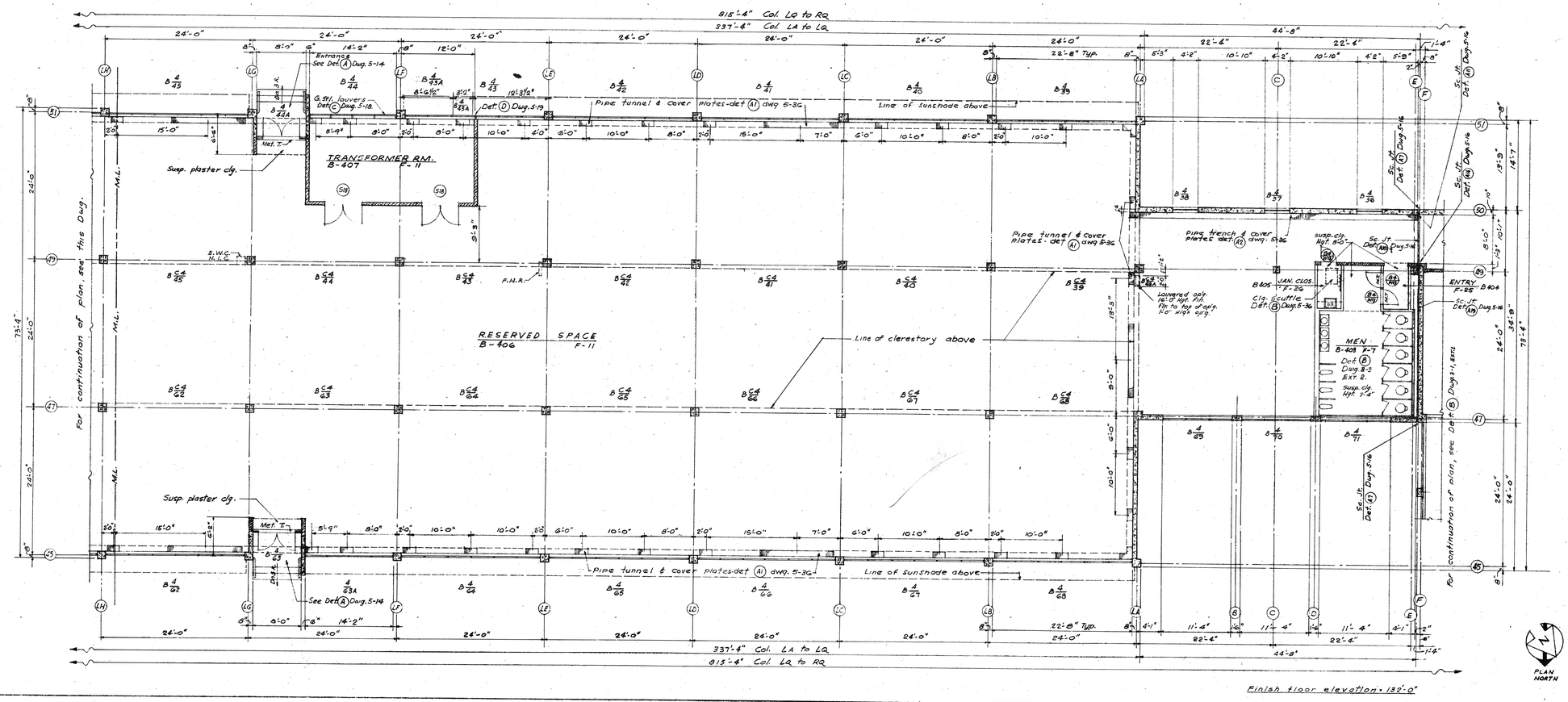
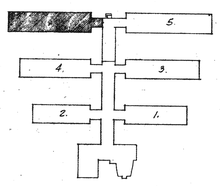
| PROJ. NO. | 8-044 / FILE NO. |
| DRAWN BY | L.T. 2-22-52 / CHECKED BY E.M.S. |
| DRAWING TITLE | RO. PLAN & SECTIONS |
| | B20044A ARCHITECTURAL |
| DRAWING NO. | 3-2 EXT 1 |

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| "ME" | "S" | "SF" | "DD" | "AD" |
|---|---|---|---|---|
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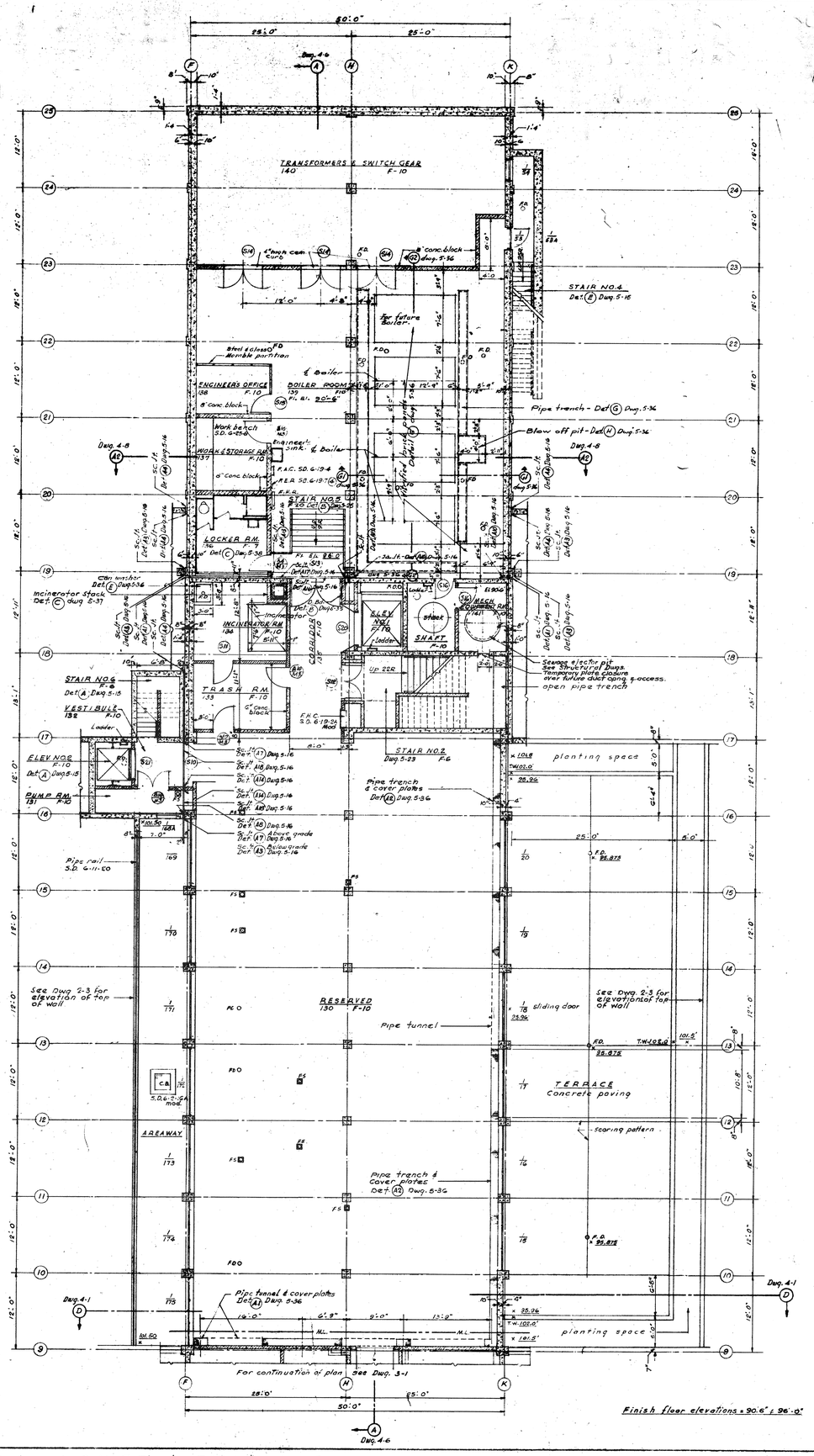
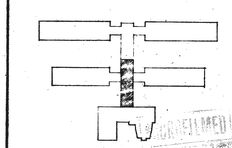
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | 5-044 | FILE NO. | |
| DRAWN BY | L.F. | 2-22-52 | CHECKED BY R.M.S. |
| DRAWING TITLE | FOURTH FLOOR PLAN WING UNIT 6 | | |
| B23003 | ARCHITECTURAL | | |
| DRAWING NO. | 3-2 EXT 2 | | |

# FOURTH FLOOR PLAN — WING UNIT 6

Scale 1/8" A



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BOULDER COLORADO

| "AE" | "S" | "SP" | "DD" | "AD" |
|---|---|---|---|---|
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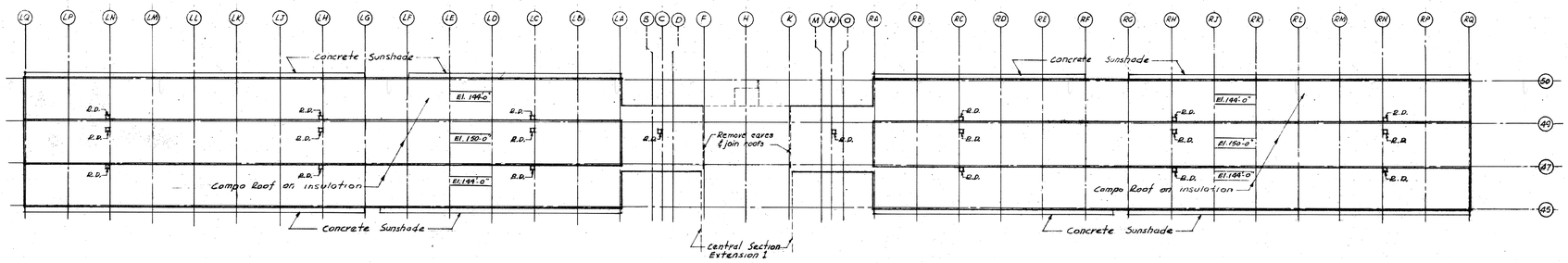
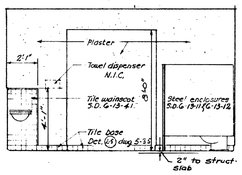
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | 5-044 | FILE NO. | |
| DRAWN BY | C.H.C. 2-22-52 | CHECKED BY | S.M.S. |
| DRAWING TITLE | FIRST FLOOR PLAN LOWER LEVEL - CENTRAL UNIT | | |
| | ARCHITECTURAL | | |
| DRAWING NO. | 3-2 B-20008 | | |

# FIRST FLOOR PLAN – LOWER & BOILER ROOM LEVELS – CENTRAL UNIT

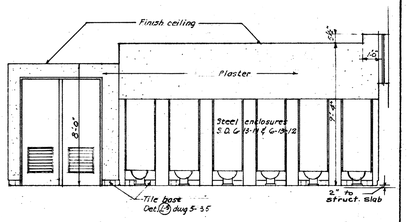
Scale 1/8" A



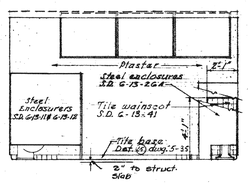

ROOF PLAN - WING UNITS 5 & 6 — Scale 1/32" — E



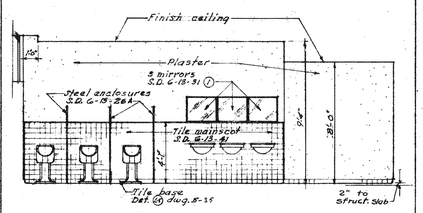

SOUTH WALL MEN B-403 — B-7



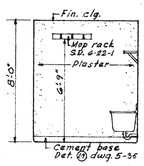

WEST WALL MEN B-403 — B-6



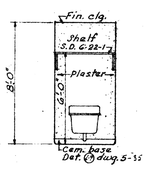

NORTH WALL MEN B-403 — B-5



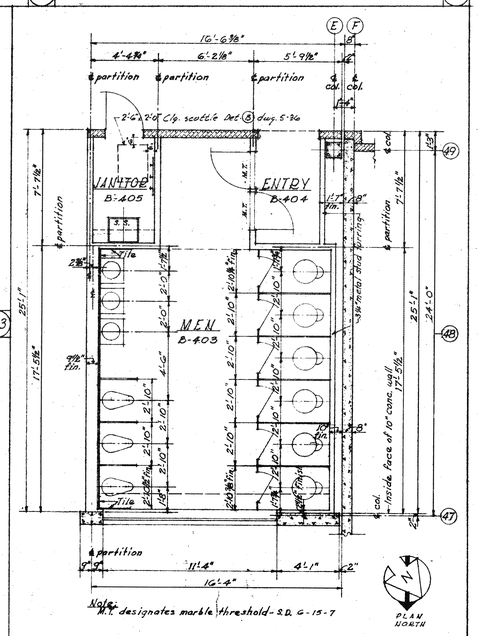

EAST WALL MEN B-403 — B-4




WEST WALL JAN. B-405 — B-3

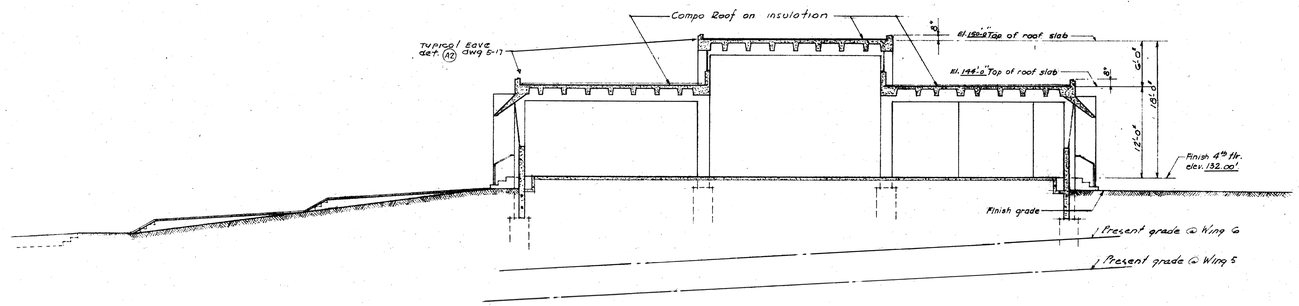



NORTH WALL JAN. B-405 — B-2

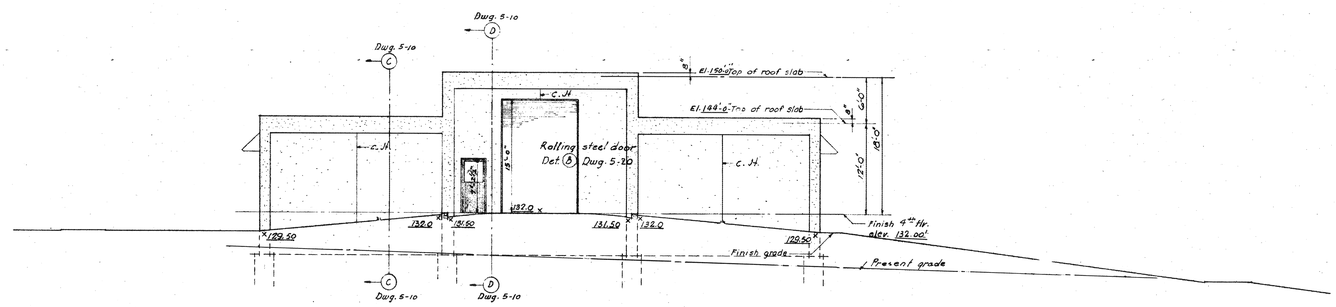



PLAN — B-1

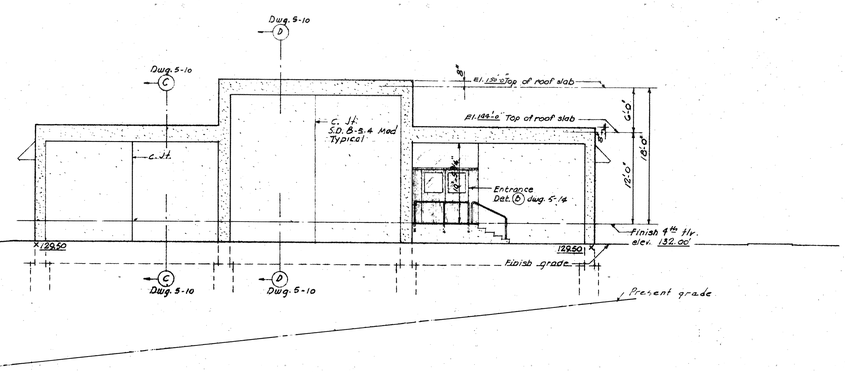
TOILET ROOM - MEN B-403 — Scale 1/4" — B




CROSS-SECTION - WING UNIT 5 — Scale 1/8" — D

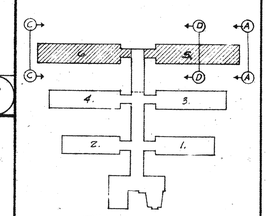



EAST ELEVATION - WING UNIT 6 — Scale 1/8" — C




WEST ELEVATION - WING UNIT 5 — Scale 1/8" — A

NOTE:
Provide anchor bars & pipe sleeves at all roofs. see det. D dwg. 5-36. Anchor bars to be located at each exterior & interior col. pipe sleeves to be located at alternate exterior col.

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BOULDER, COLORADO

| | | | |
|---|---|---|---|
| Jan 4 1952 "ME" | Mar 2 2-26-52 "S" | "SP" | Sept 5-15-52 "DD" | Nov 3 3-24-53 "AD" |

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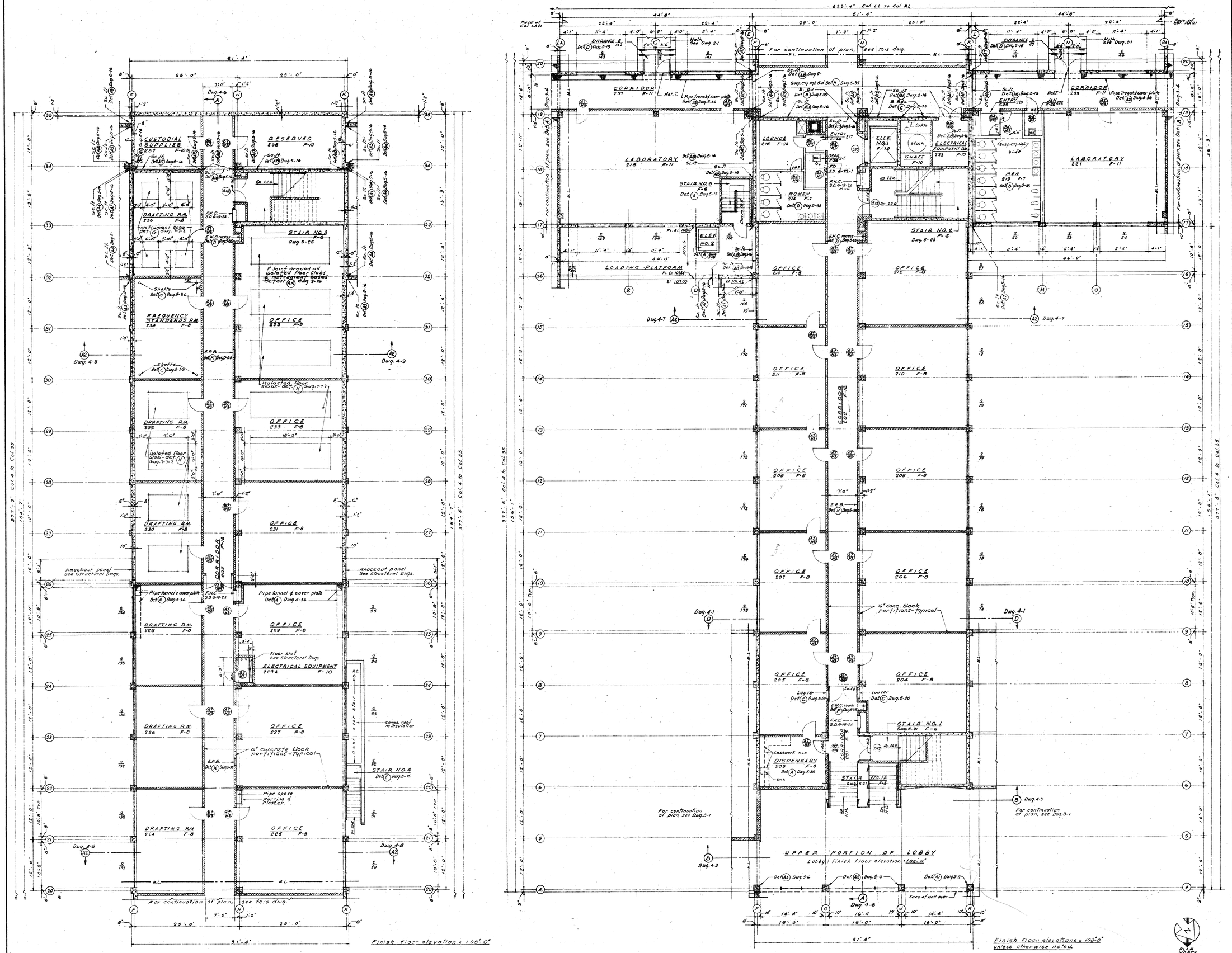
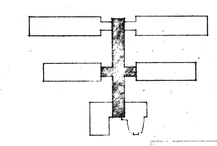
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | 9-044 | FILE NO. | |
| DRAWN BY | V.L.D., L.P. 2-22-52 | CHECKED BY | S.M.S. |
| DRAWING TITLE | ROOF PLAN ELEV.S TOILET ROOMS | | |
| B-22004 B-23004 | ARCHITECTURAL | | |
| DRAWING NO. | 3-3 EXT 2 | | |

SW-B-22008




SECOND FLOOR PLAN — CENTRAL UNIT



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| | | | | |
|---|---|---|---|---|
| "ME" | "S" | "SP" | "DO" | AD" |

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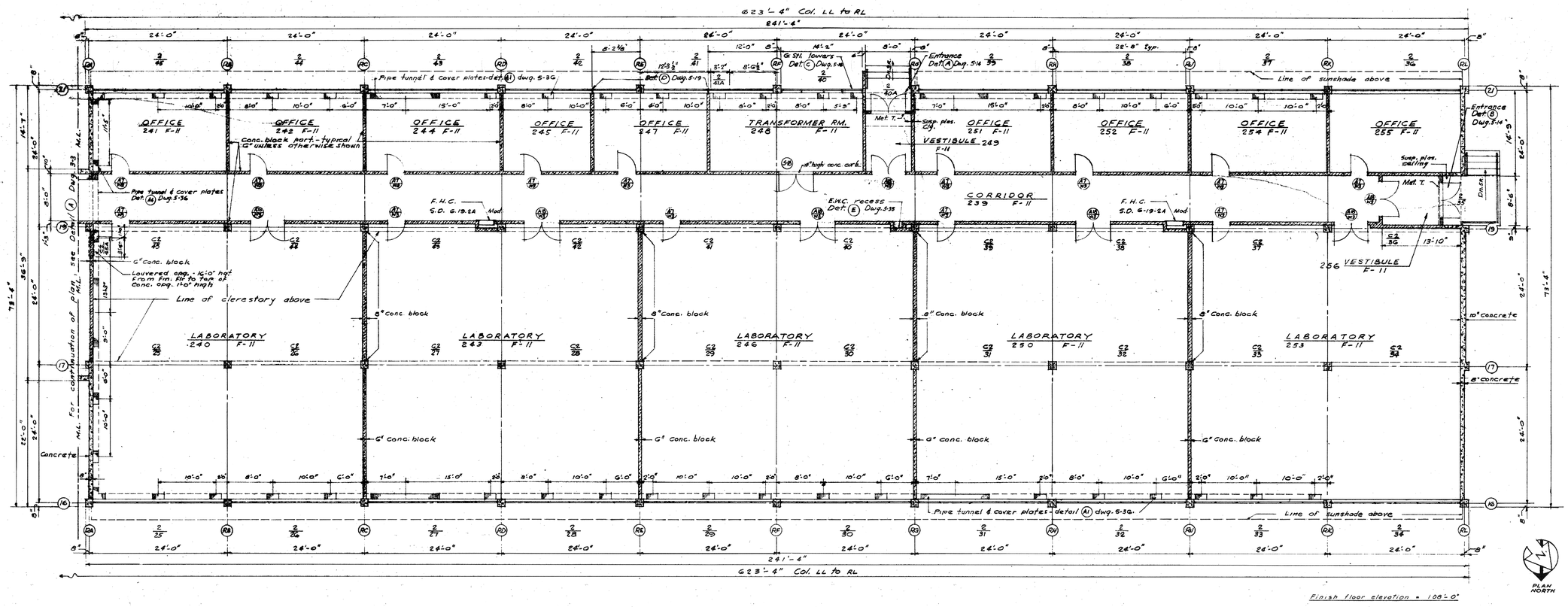
| PROJ. NO. | 8-044 | FILE NO. | |
| DRAWN BY | C.H.C. 2-22-52 | CHECKED BY | E.M.S. |
| DRAWING TITLE | SECOND FLOOR PLAN CENTRAL UNIT | | |
| | ARCHITECTURAL | | |
| DRAWING NO. | 3-3B-20009 | | |

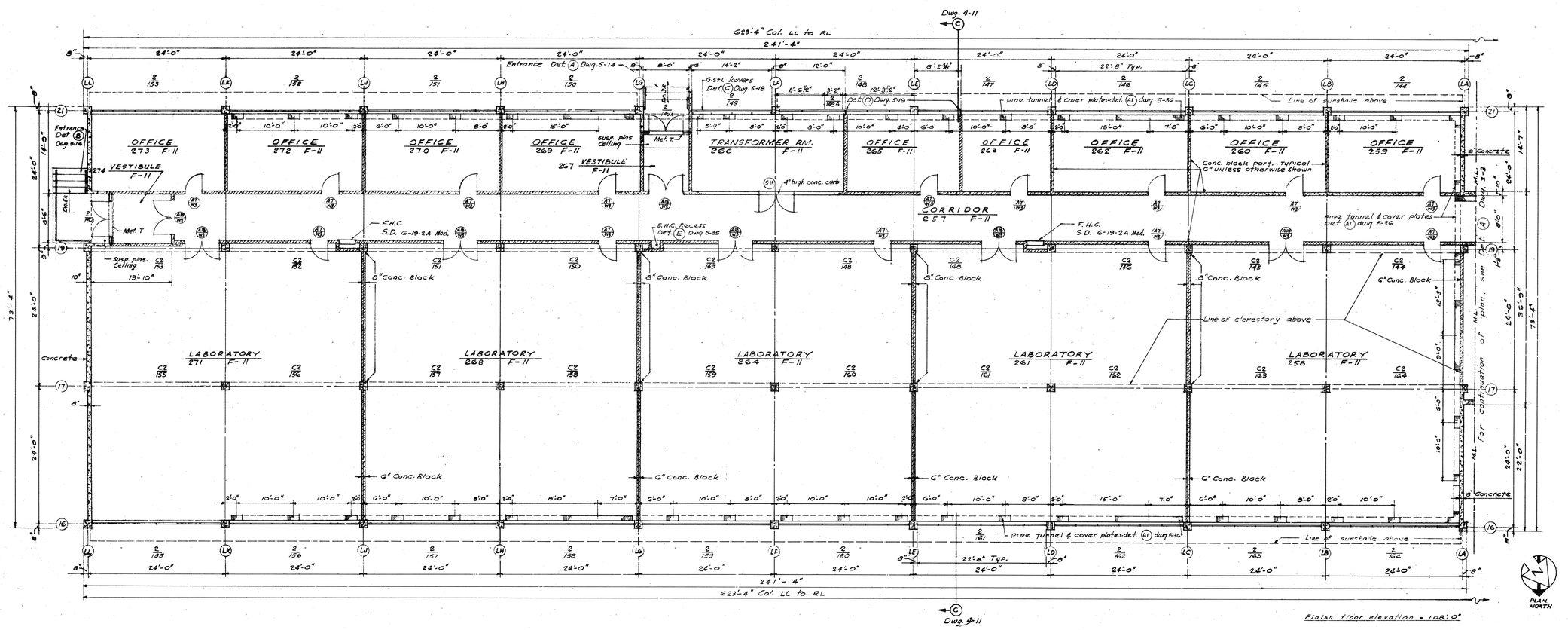
Scale 1/8" A

RETURN TO PLAN DRAWING FILE UNIT



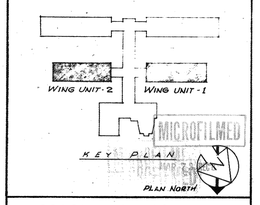

SECOND FLOOR PLAN – WING UNIT 1

Scale 1/8" (B)




SECOND FLOOR PLAN – WING UNIT 2

Scale 1/8" (A)



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| "ME" | "S" | "SP" | "DD" | "AD" |
|---|---|---|---|---|
| 5/14/52 | 5-8-52 | | CONSTRUCTION | |

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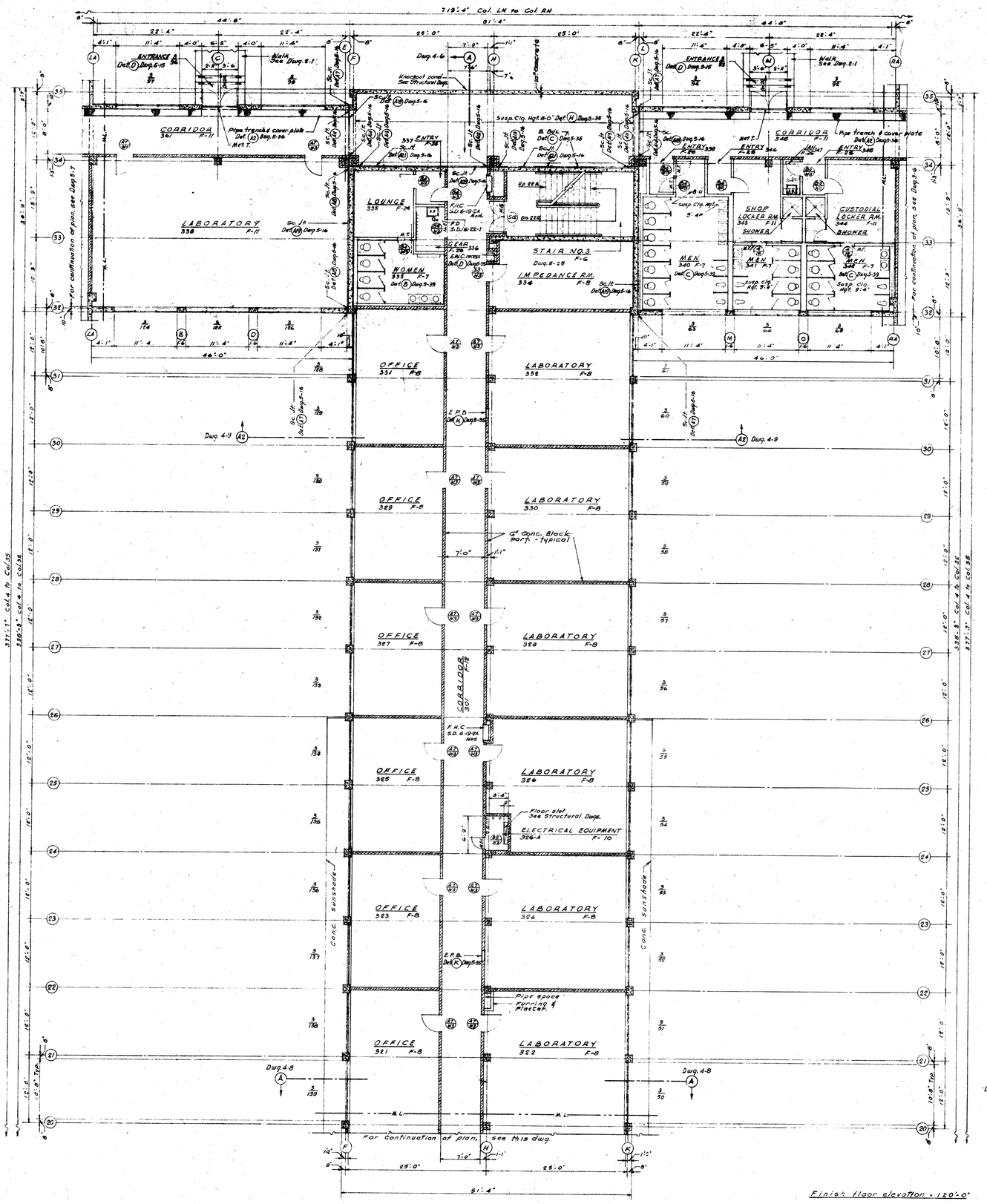
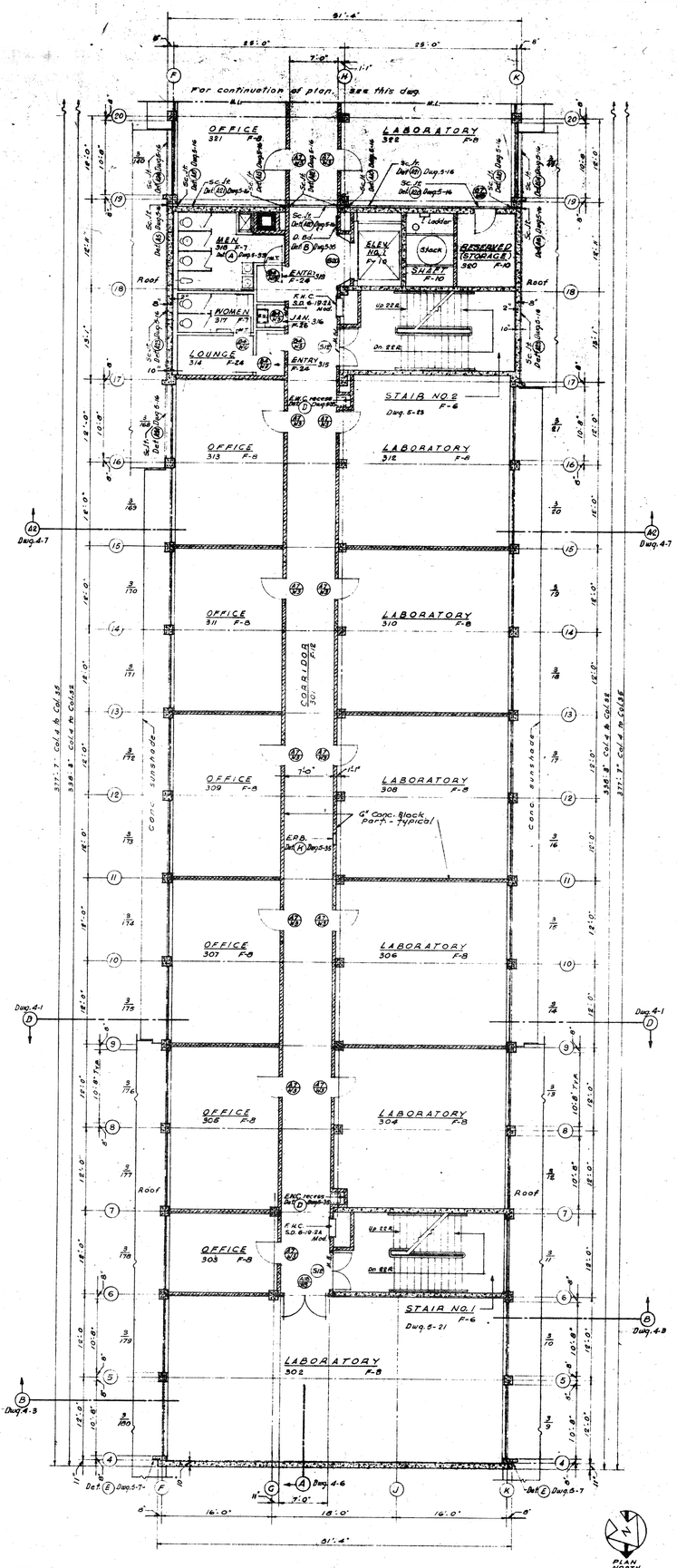
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | 5-044 | FILE NO. | |
| DRAWN BY | L.P. | 2-22-52 | CHECKED BY E.M.S. |
| DRAWING TITLE | SECOND FLOOR PLAN WING UNITS 1 & 2 | | |
| | ARCHITECTURAL | | |
| DRAWING NO. | 3-4B-20010 | | |




KEY PLAN

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ROBERT W. DITZEN
ASSOCIATE ARCHITECT
BOULDER, COLORADO

| "ME" | "S" | "SP" | "DD" | "AD" |
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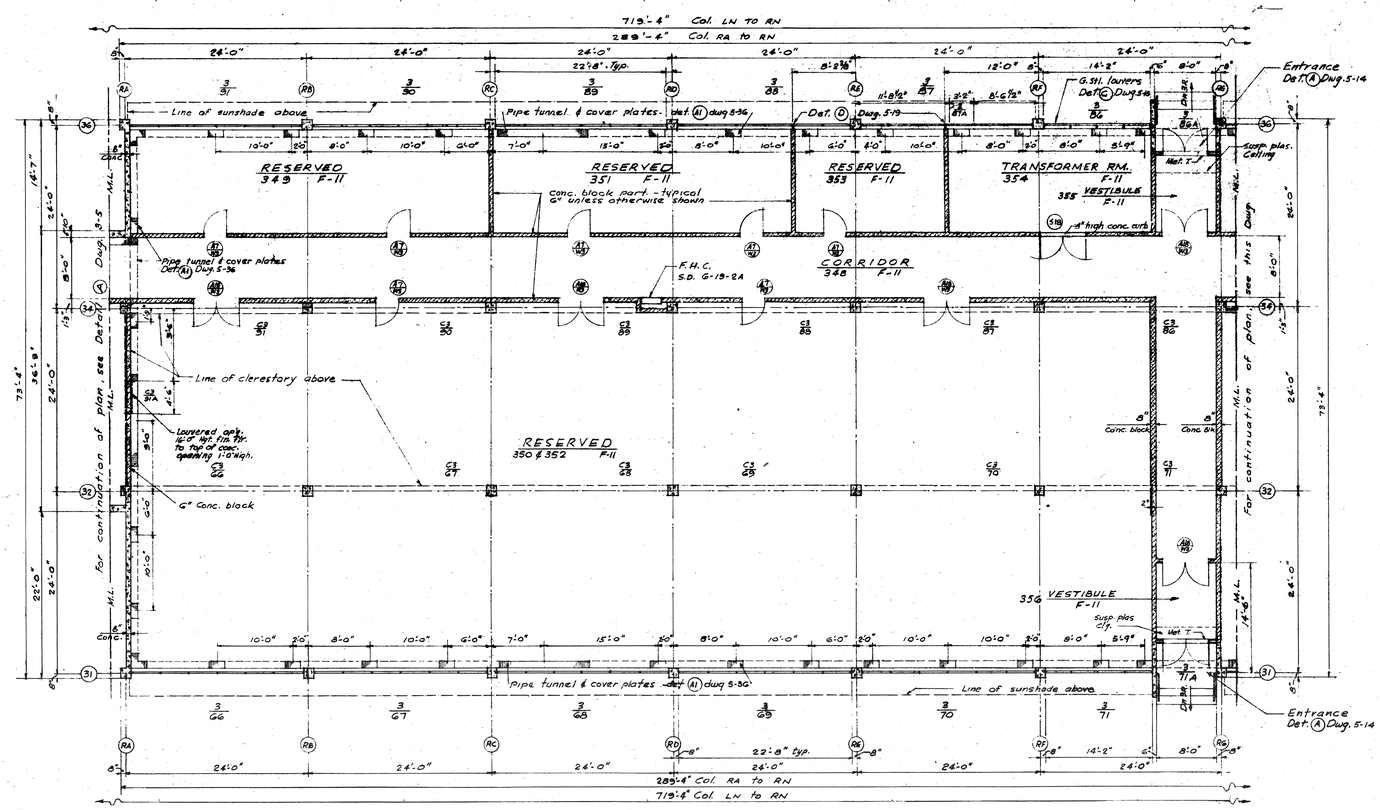
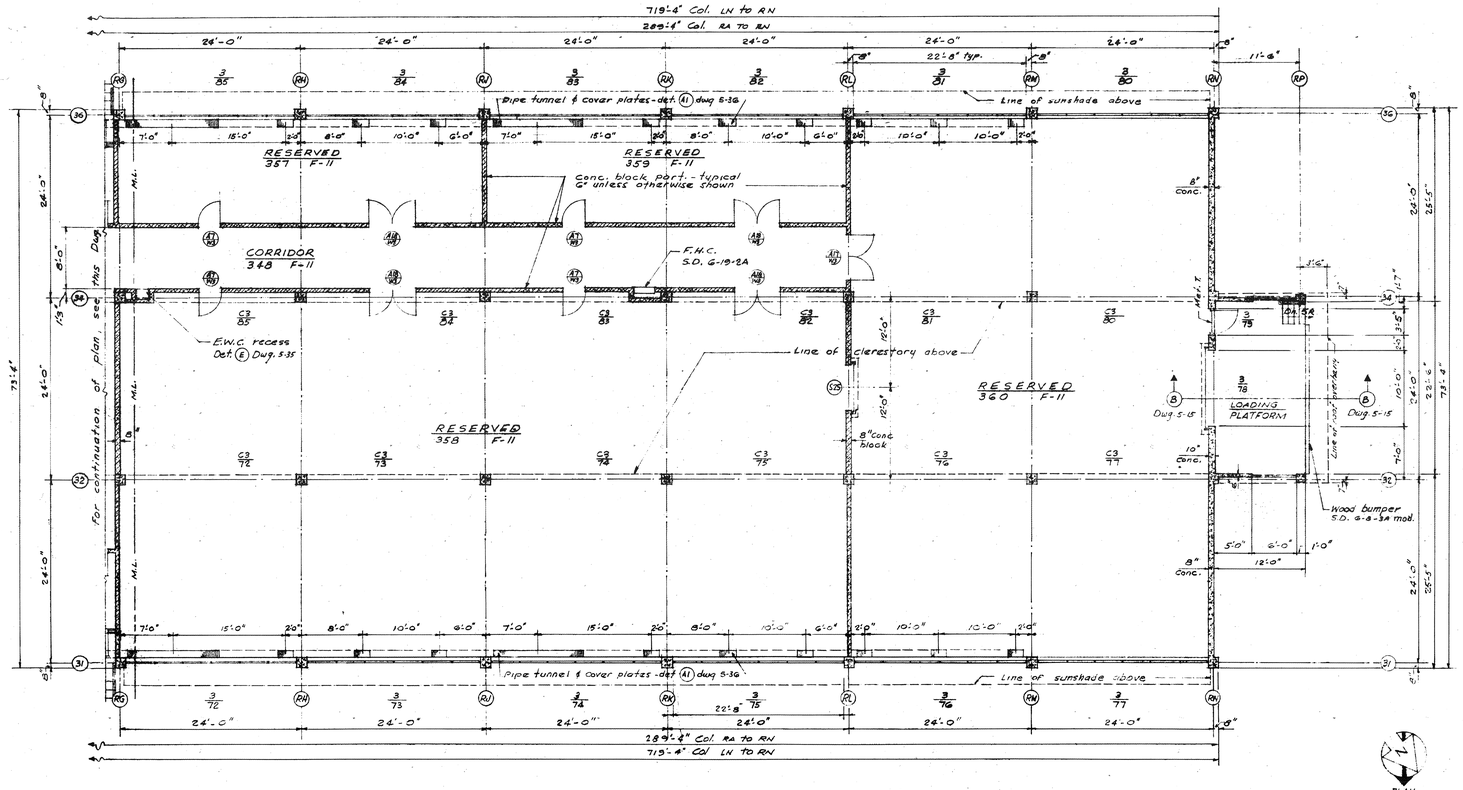
|---|---|---|---|
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | S-044 | FILE NO. | |
| DRAWN BY | C.H.C. 2-22-52 | CHECKED BY | E.M.S. |
| DRAWING TITLE | THIRD FLOOR PLAN CENTRAL UNIT | | |
| | ARCHITECTURAL | | |
| DRAWING NO. | 3-5 B-20011 | | |

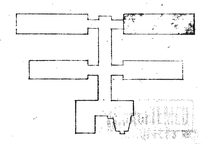
Scale 1/8" A

# THIRD FLOOR PLAN — CENTRAL UNIT




Finish floor elevation: 120'-0"



KEY PLAN



PEREIRA & LUCKMAN
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J. E. STANTON
ARCHITECTS AND ENGINEERS
LOS ANGELES CALIFORNIA
ROBERT W. DITZEN
ASSOCIATE ARCHITECT
BOULDER COLORADO

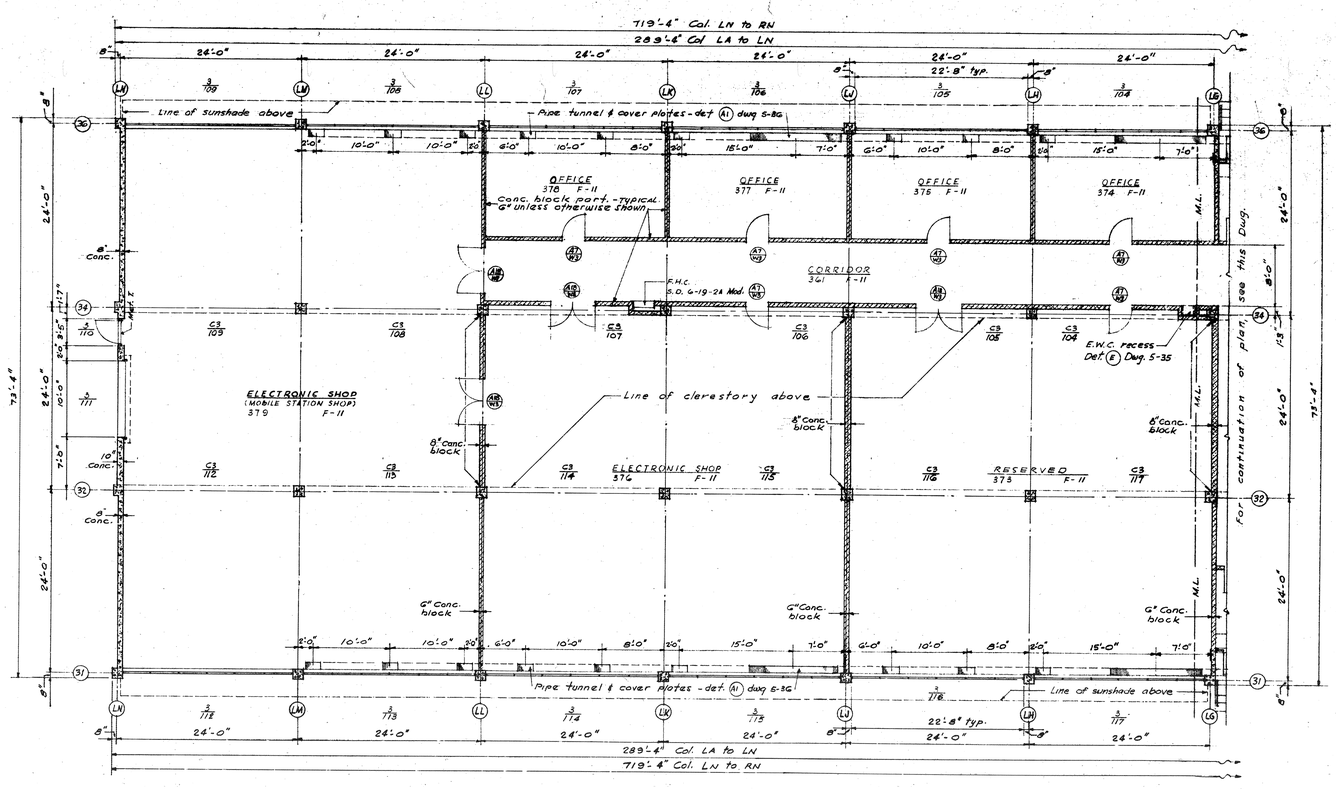
| | | | | |
|---|---|---|---|---|
| ME | 5' | 5P | | "AD" |

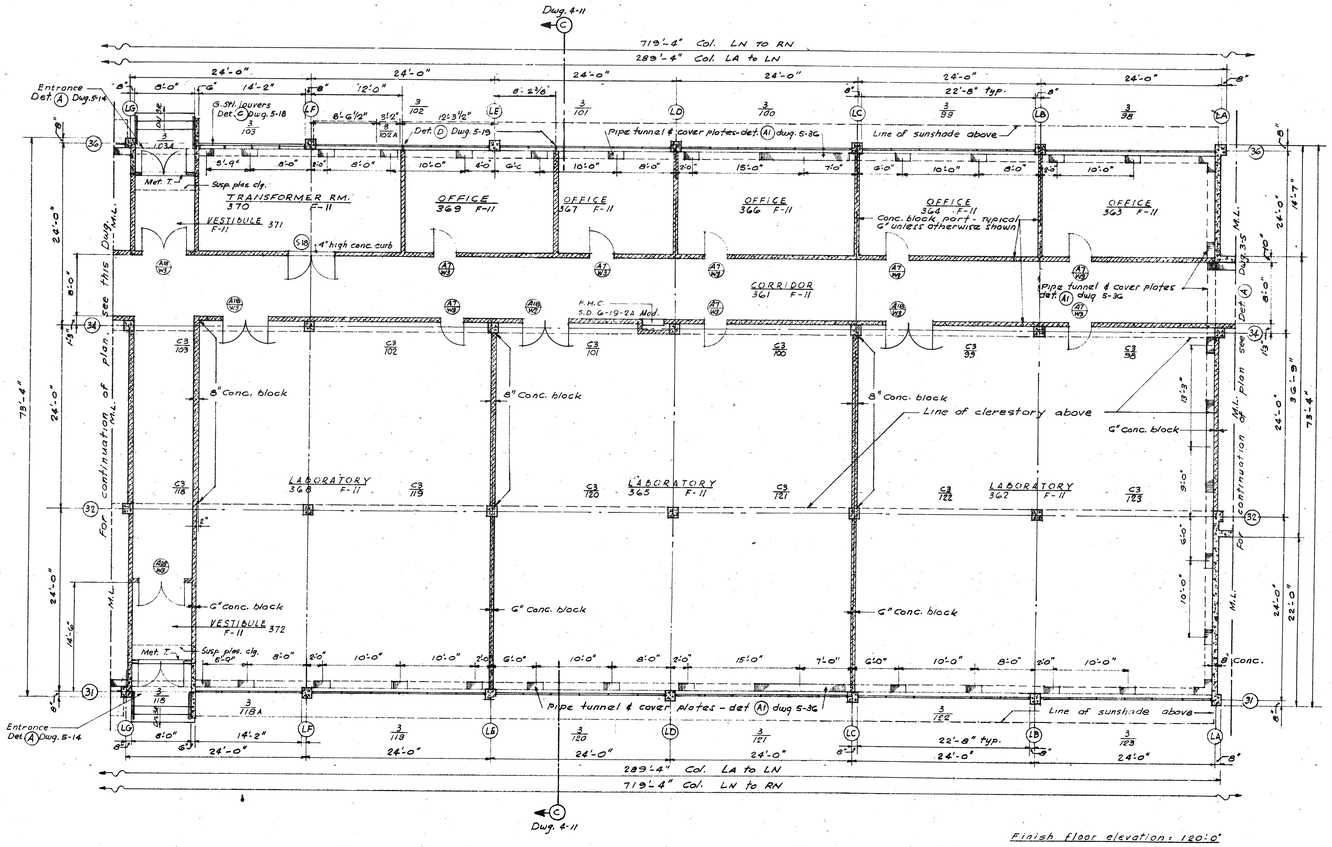
PUBLIC BUILDINGS SERVICE
GENERAL SERVICES ADMINISTRATION, WASHINGTON, D.C.

| | | | |
|---|---|---|---|
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | 5-044 | FILE NO. | |
| DRAWN BY | L.S. 2-22-52 | CHECKED BY | E.M.S. |
| DRAWING TITLE | THIRD FLOOR PLAN WING UNIT 3 | | |
| | ARCHITECTURAL | | |
| DRAWING NO. | 3-6 B-20012 | | |

# THIRD FLOOR PLAN — WING UNIT 3

Scale 1/8" A




Finish floor elevation: 120'-0"

PLAN NORTH

KEY PLAN



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J. E. STANTON
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LOS ANGELES, CALIFORNIA
ROBERT W. DITZEN
ASSOCIATE ARCHITECT
BOULDER, COLORADO

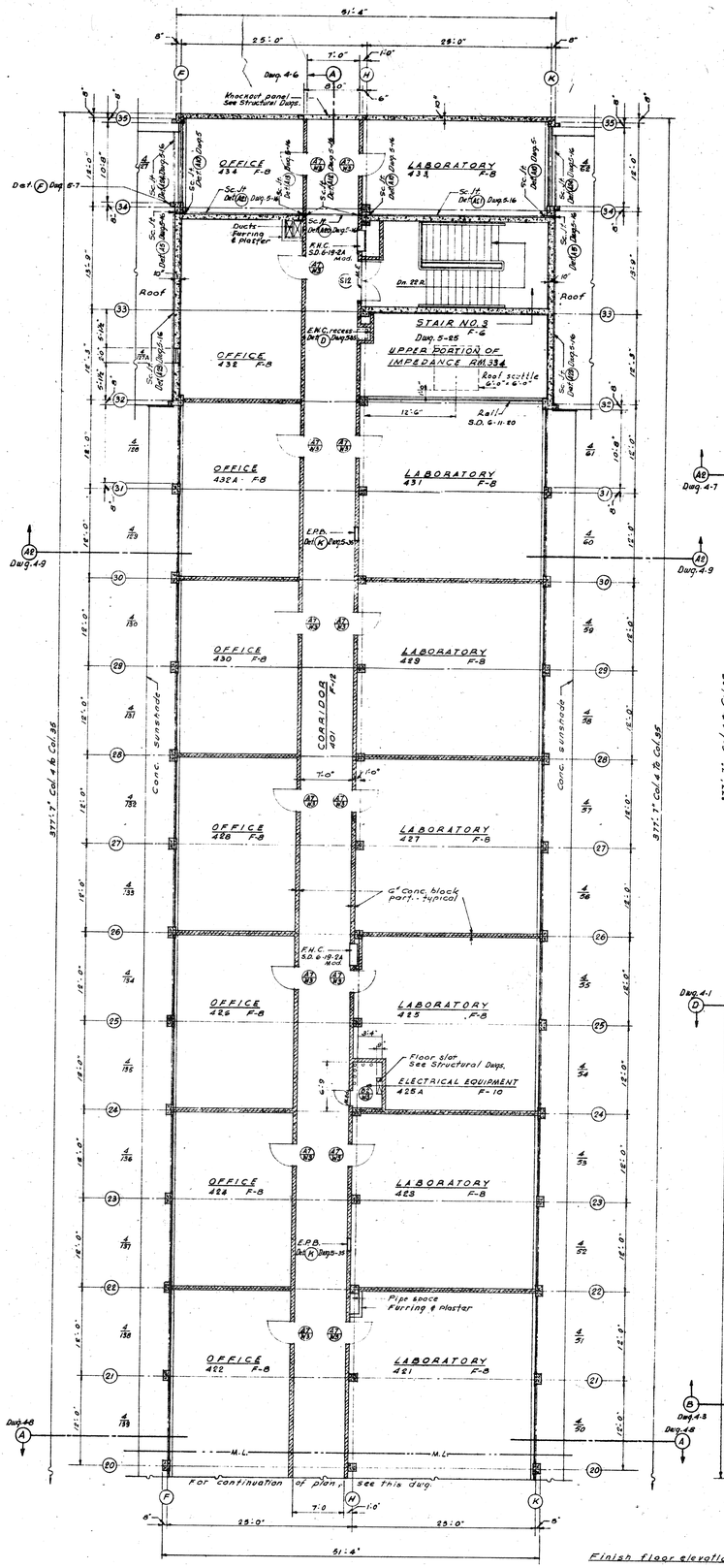
| | | | | |
|---|---|---|---|---|
| DRAWN 3/20/53 "ME" | CHK'D 3-20-53 "S" | "SP" | "DD" | RECOMMENDED 3-23-53 AC |

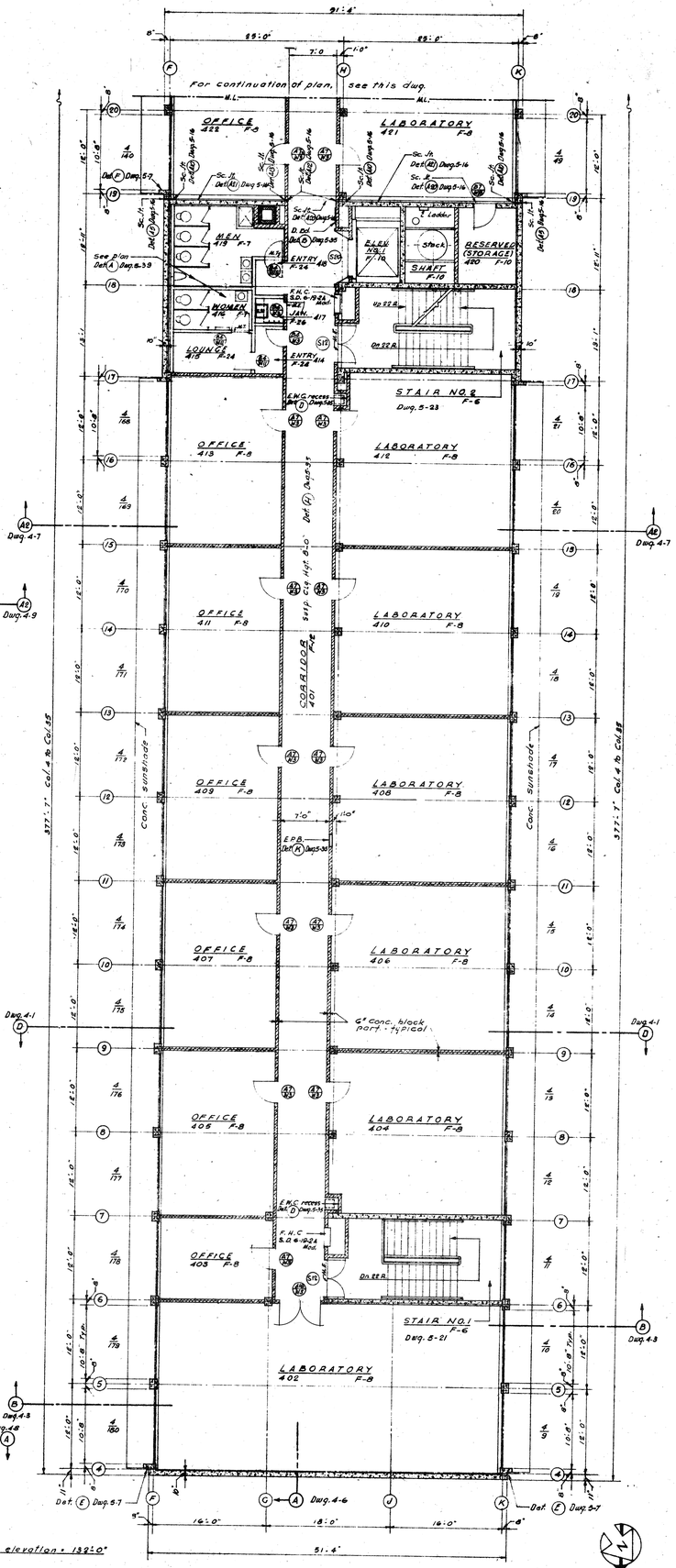
PUBLIC BUILDINGS SERVICE
GENERAL SERVICES ADMINISTRATION, WASHINGTON, D. C.

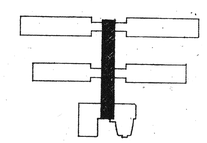
| | | | |
|---|---|---|---|
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | 5-044 | FILE NO. | |
| DRAWN BY | L.P., C.H.C. 2-22-52 | CHECKED BY | E.M.S. |
| DRAWING TITLE | THIRD FLOOR PLAN WING UNIT 4 | | |
| | ARCHITECTURAL | | |
| DRAWING NO. | 3-7B-20013 | | |

# THIRD FLOOR PLAN — WING UNIT 4

Scale 1/8" (A)



KEY PLAN



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ROBERT W. DITZEN
ASSOCIATE ARCHITECT
BOULDER, COLORADO

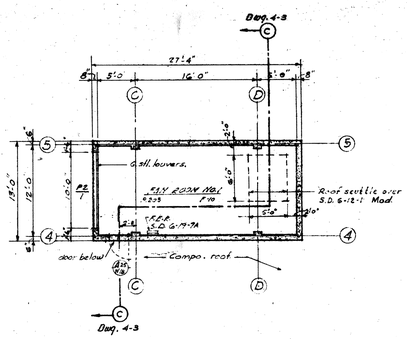
| | | | | |
|---|---|---|---|---|
| 3/14/73 | 11/1/72 3-29-72 | | REVISED 12-15-71 | 11-15-72 |
| "MS" | "S" | "SP" | "DD" | "AD" |

PUBLIC BUILDINGS SERVICE
GENERAL SERVICES ADMINISTRATION, WASHINGTON, D.C.

| | | | |
|---|---|---|---|
| PROJECT | EQUIPMENT LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | 8-044 | FILE NO. | |
| DRAWN BY | C.H.C. 7-22-72 | CHECKED BY | R.M.S. |
| DRAWING TITLE | FOURTH FLOOR PLAN CENTRAL UNIT | | |
| | ARCHITECTURAL | | |
| DRAWING NO. | 3-8 B-20014 | | |

Scale 1/8" A

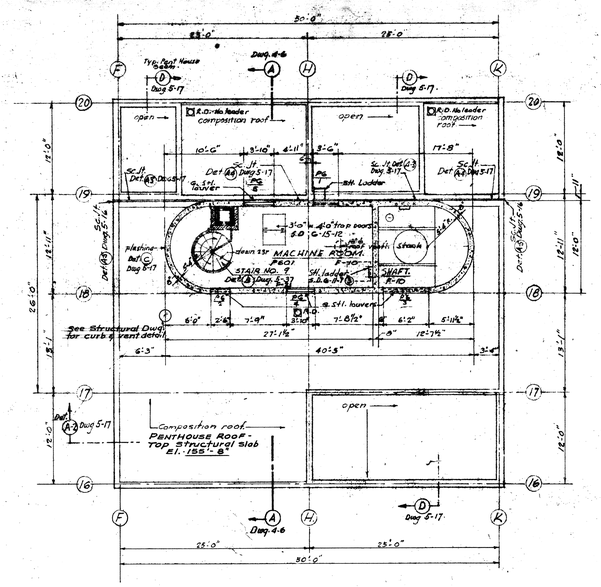
# FOURTH FLOOR PLAN - CENTRAL UNIT




Finish floor elevation - 111'-6"

PLAN NORTH

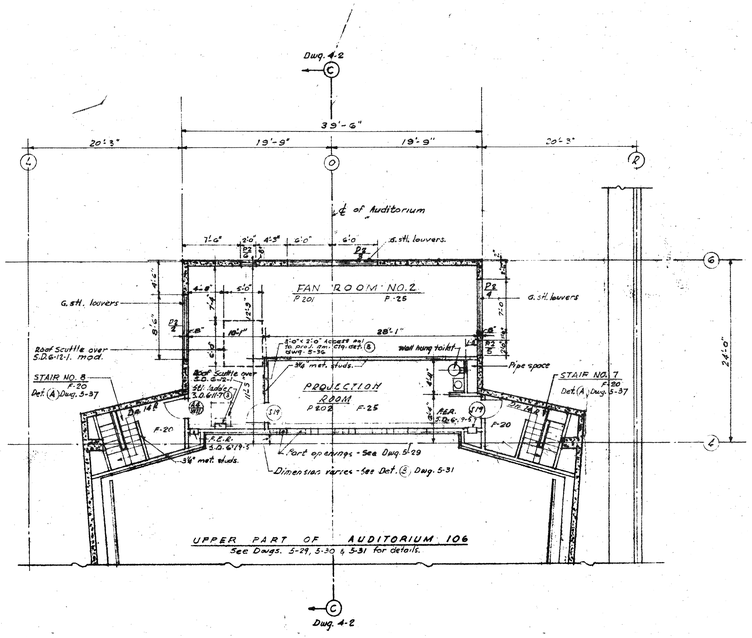
FAN ROOM · NO. 1 - CENTRAL UNIT Scale 1/8" (D)




Finish floor elevation - 151'-4"

PLAN NORTH

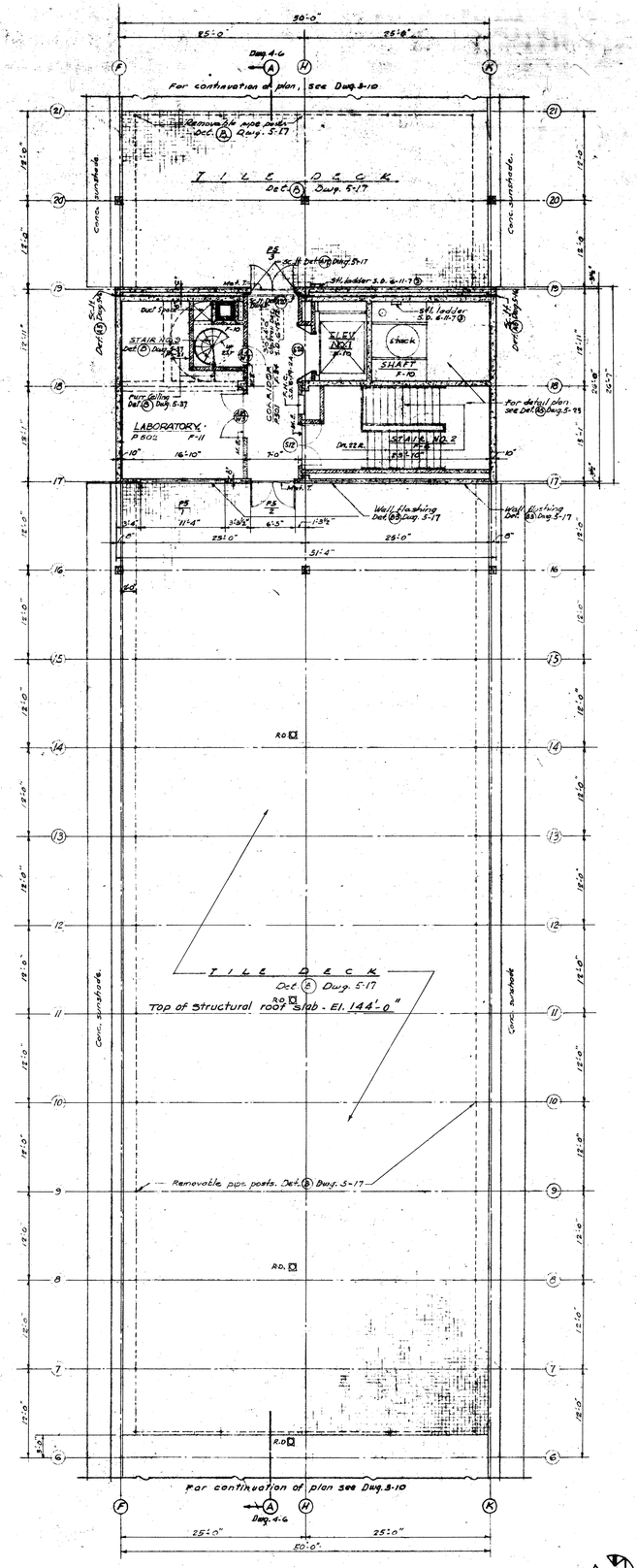
ELEVATOR MACHINE RM FL. PLAN - CENTRAL UNIT Scale 1/8" (C)




Finish floor elevation - 111'-2"

PLAN NORTH

PROJECTION ROOM & FAN ROOM NO. 2 FLOOR PLAN - CENTRAL UNIT Scale 1/8" (B)



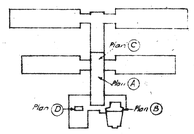

Finish floor elevation - 144'-4"

PLAN NORTH

PENT HOUSE & ROOF DECK PLAN - CENTRAL UNIT Scale 1/8" (A)

GENERAL NOTES

Provide Anchor Bar & Pipe Sleeves at Roof Step (Det. (B) Dwg. 5-36) See Det. (B) Dwg. 5-36



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BOULDER COLORADO

| "ME" | "S" | "SP" | "DD" | "AD" |
|---|---|---|---|---|
| 3/14/54 | 11/23/53 5-24-52 | | 2-22-52 | 2-22-52 |

PUBLIC BUILDINGS SERVICE
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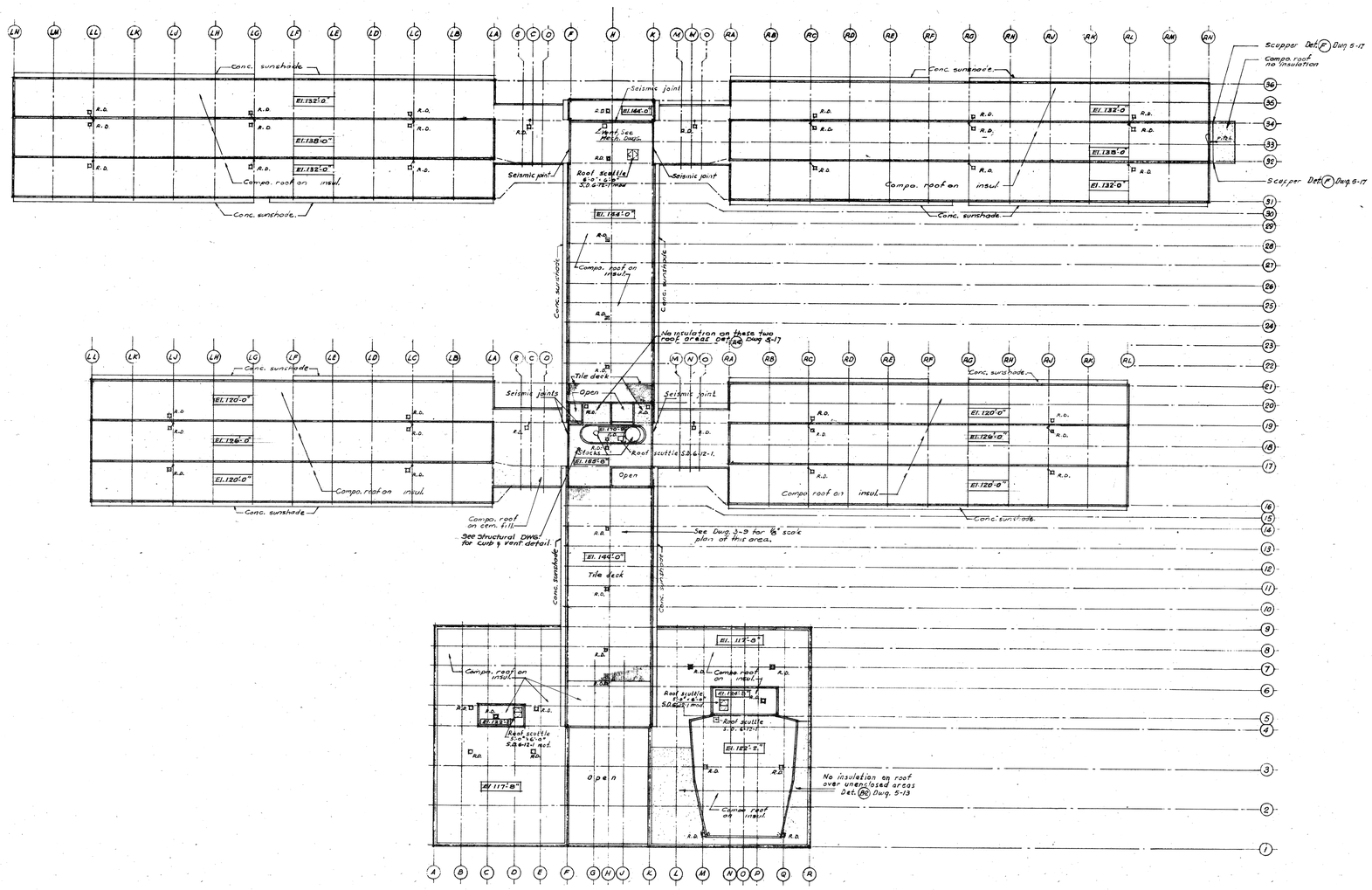
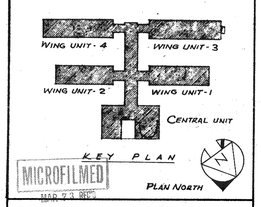
| | | | |
|---|---|---|---|
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | 5-044 | FILE NO. | |
| DRAWN BY | G.M., T.C.D. 2-22-52 | CHECKED BY | W.M.C. |
| DRAWING TITLE | PENTHOUSE & MISC. PLANS CENTRAL UNIT | | |
| | ARCHITECTURAL | | |
| DRAWING NO. | 3-9 B-20015 | | |




NOTE:
Provide anchor bars and pipe sleeves at roofs of wing units and at portions of central unit roof. See Det. (D) Dwg. 5-36.

NOTE
El. 122'-2 Indicates elevation of tops of structural roof slabs.

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MAR 23 1962

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BOULDER, COLORADO

| | | | | |
|---|---|---|---|---|
| 3-4-52 | 11-21 2-24-52 | | REV. 2-26-52 | 2-26-52 |
| "ME" | "S" | "SP" | "DD" | "AD" |

PUBLIC BUILDINGS SERVICE
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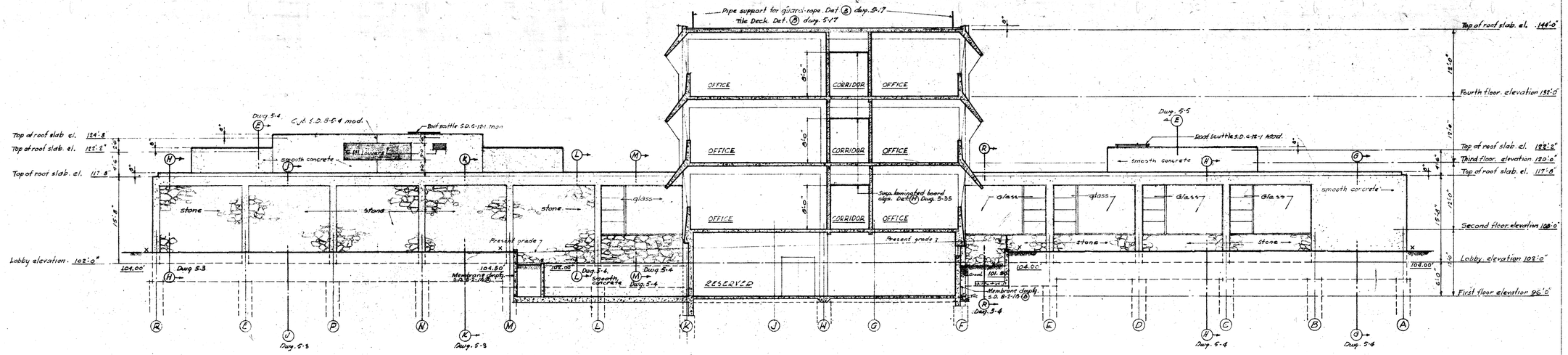
| | | | |
|---|---|---|---|
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | 5-044 | FILE NO. | |
| DRAWN BY | AD, TCB, JW | 2-22-52 | CHECKED BY E.M.S. |
| DRAWING TITLE | ROOF PLAN | | |
| | ARCHITECTURAL | | |
| DRAWING NO. | 3-10 B-20016 | | |

PLAN NORTH

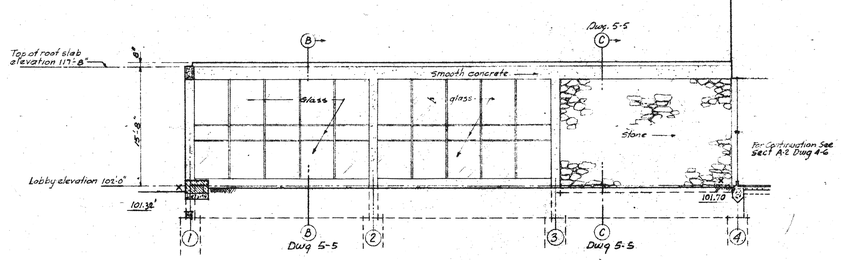
ROOF PLAN

Scale 1/32 (A)



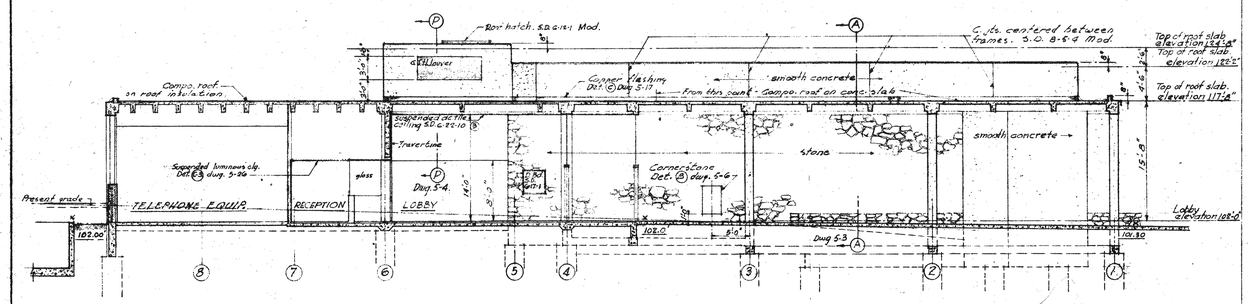

ELEVATION - SECTION

Scale 1/8" (D)




ELEVATION

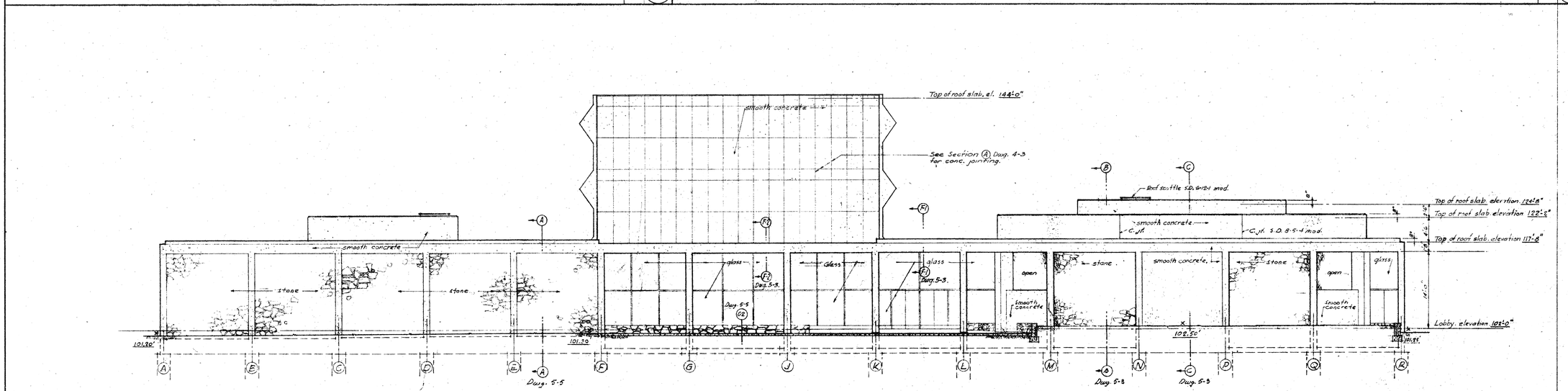
Scale 1/8" (C)




ELEVATION - SECTION.

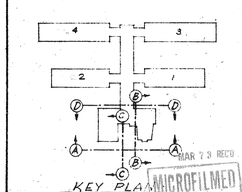
Scale 1/8" (B)

Note:
For elevations, dimensions, & operation of windows see Dwg. 5-18




ELEVATION

Scale 1/8" (A)



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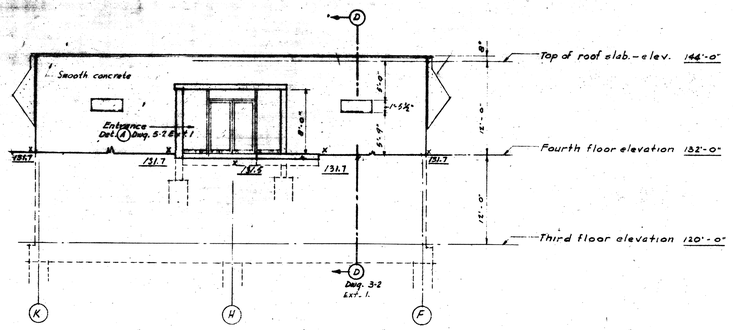
ROBERT W. DITZEN
ASSOCIATE ARCHITECT
BOULDER, COLORADO

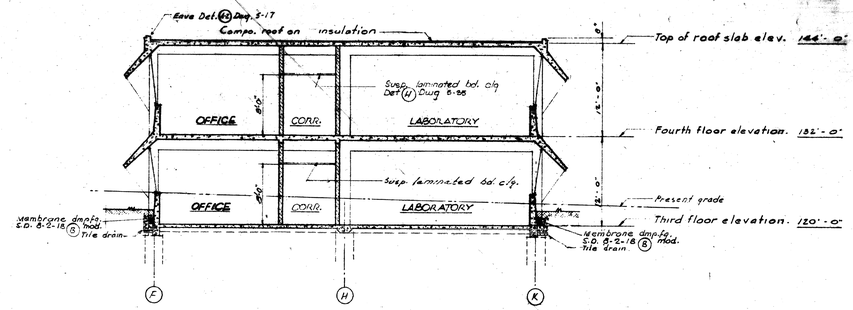
| | | | | |
|---|---|---|---|---|
| 3-31-54 | 11-1-54 8-29-54 | | 12-20-54 | 3-24-55 |
| "ME" | "S" | "SP" | "DD" | "AD" |

PUBLIC BUILDINGS SERVICE
GENERAL SERVICES ADMINISTRATION, WASHINGTON, D. C.

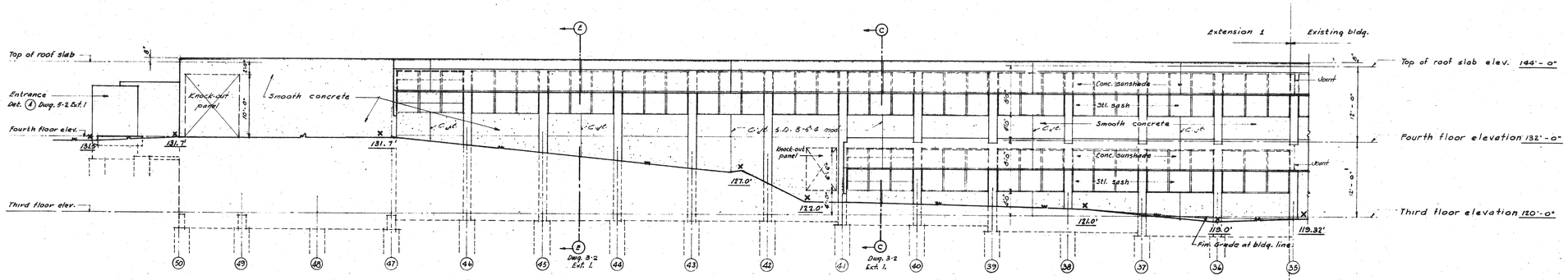
| | | | |
|---|---|---|---|
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | 5-044 | FILE NO. | |
| DRAWN BY | G.M. | 2-22-52 | CHECKED BY R.M.S. |
| DRAWING TITLE | ELEV.S & SECT.S CENTRAL UNIT | | |
| | ARCHITECTURAL | | |
| DRAWING NO. | 4-1 B-20017 | | |



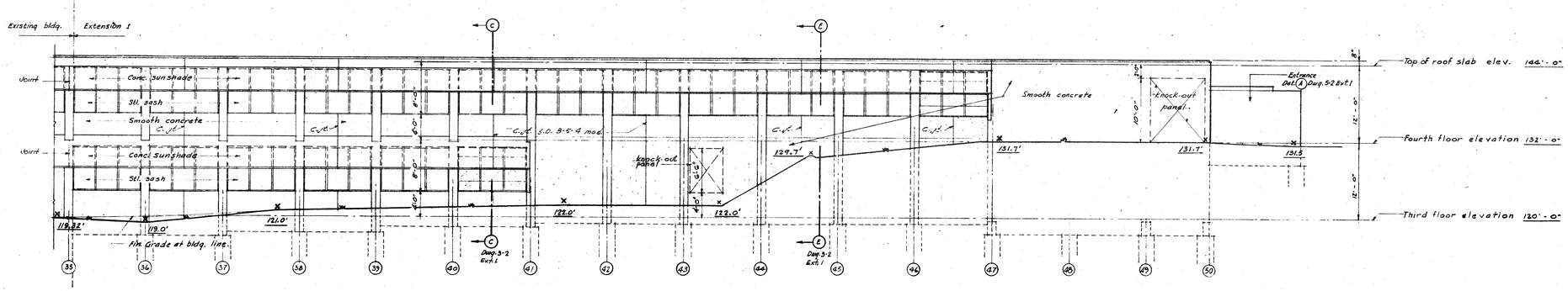

SOUTH ELEVATION — Scale 1/8" (D)




SECTION — Scale 1/8" (C)

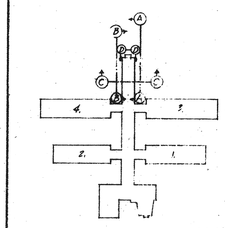



EAST ELEVATION - CENTRAL UNIT — Scale 1/8" (B)




WEST ELEVATION - CENTRAL UNIT — Scale 1/8" (A)

Note: For elevations, dimensions, & operation of windows, see Dwg. 5-18



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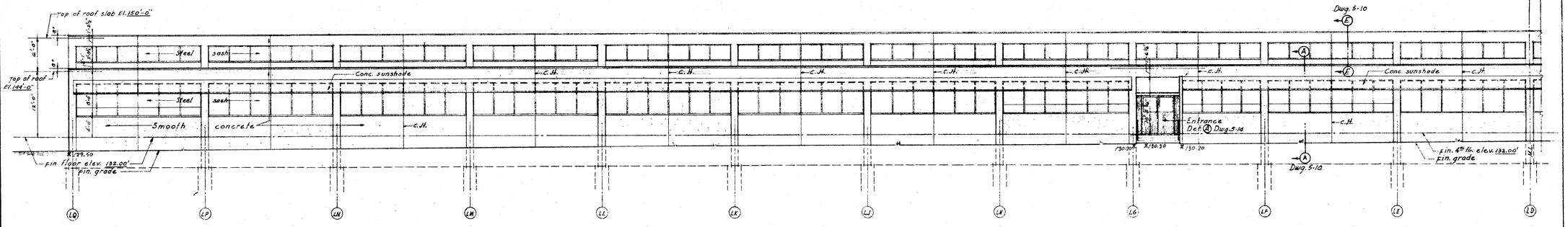
ROBERT W. DITZEN
ASSOCIATE ARCHITECT
BOULDER, COLORADO

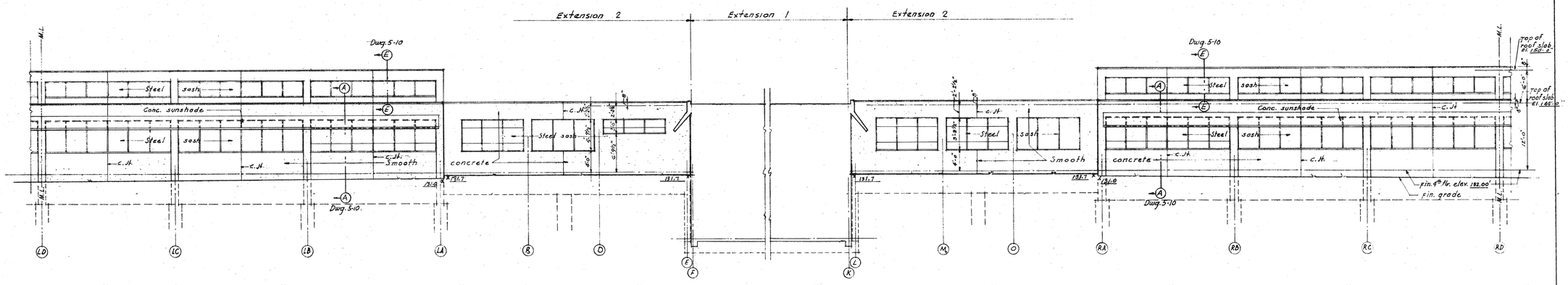
| | | | | | |
|---|---|---|---|---|---|
| 3-14-54 | 10 | HM 2-24-54 | | COST 10-18-52 | 2-24-52 |
| "ME" | "S" | "SP" | | "DD" | "AD" |

PUBLIC BUILDINGS SERVICE
GENERAL SERVICES ADMINISTRATION WASHINGTON, D. C.

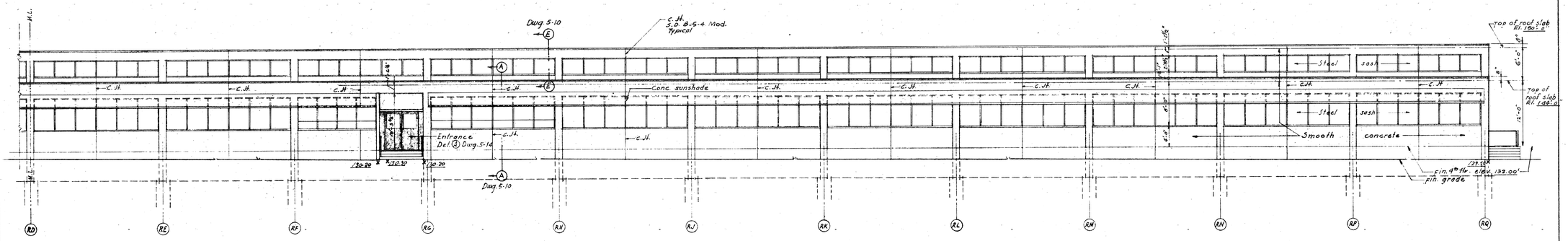
| | | | |
|---|---|---|---|
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | 5-044 | FILE NO. | |
| DRAWN BY | A.G., F.C.R. 2-22-54 | CHECKED BY | E.M.S. |
| DRAWING TITLE | ELEV.S & SECT. | | |
| DRAWING NO. | B-20067 ARCHITECTURAL 4-1 EXT 1 | | |




A3




A2



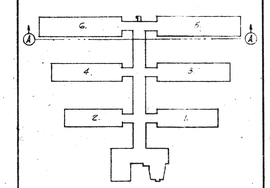

A1

NORTH ELEVATION WING UNITS 5 & 6

Scale 1/8"

A

Note:
For elevations, dimensions, & operation of windows, see Dwg. 5-18



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J. E. STANTON
ARCHITECTS AND ENGINEERS
LOS ANGELES, CALIFORNIA
ROBERT W. DITZEN
ASSOCIATE ARCHITECT
BOULDER, COLORADO

| "ME" | "S" | "SP" | "DD" | "AD" |
|---|---|---|---|---|
| 11/47 2-14-51 | | | | |

PUBLIC BUILDINGS SERVICE
GENERAL SERVICES ADMINISTRATION, WASHINGTON, D. C.

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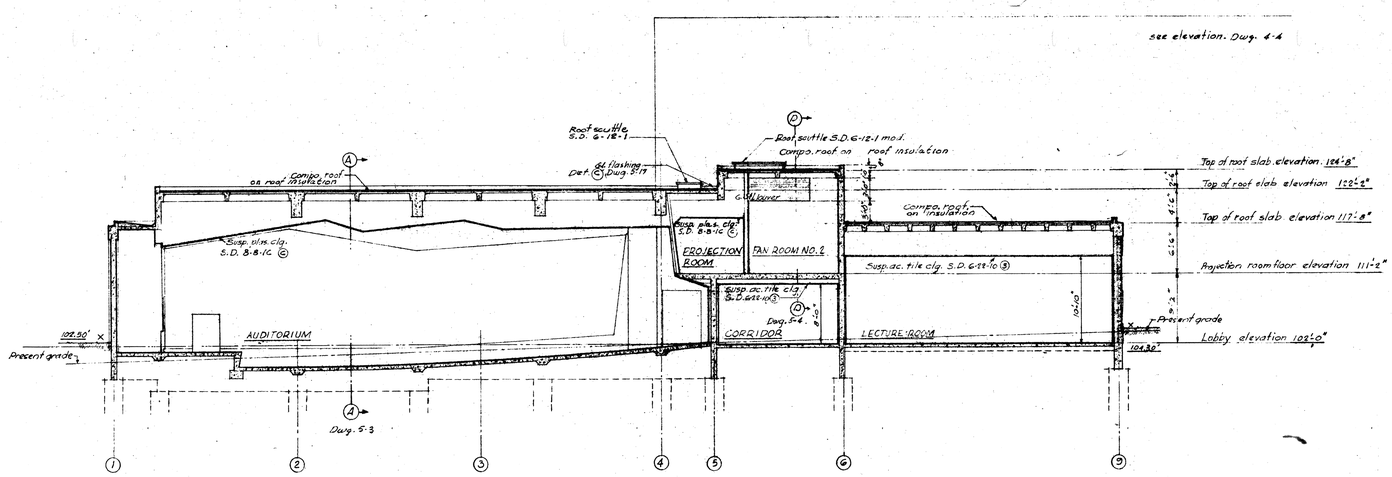
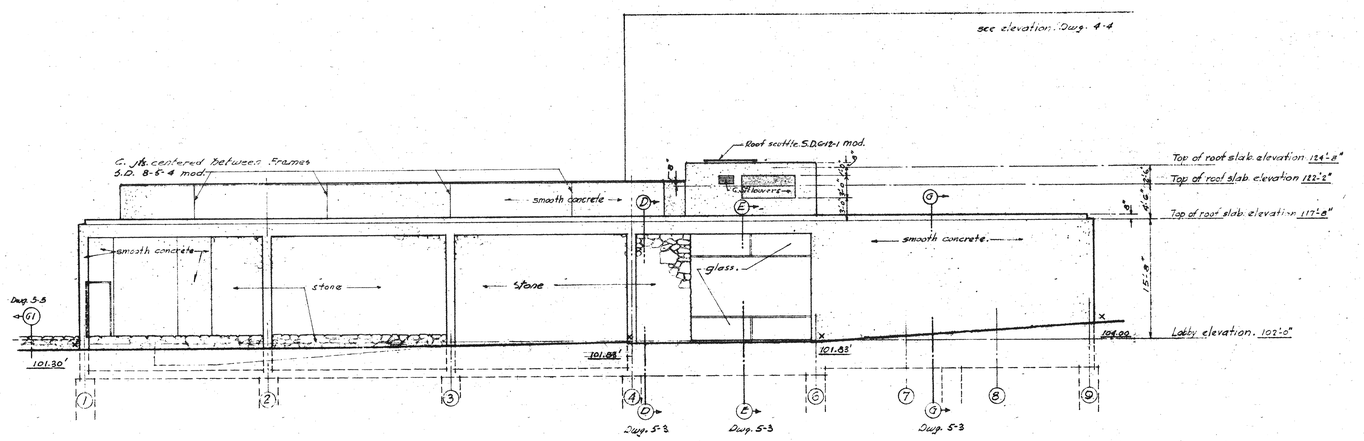
|---|---|---|---|
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | 5-044 | FILE NO. | |
| DRAWN BY | J.O. 2-22-52 | CHECKED BY | E.M.S. |
| DRAWING TITLE | ELEVATIONS WING UNITS 5 & 6 | | |
| B-22005 ARCHITECTURAL B23005 | | | |
| DRAWING NO. | 4-1 EXT 2 | | |




SECTION

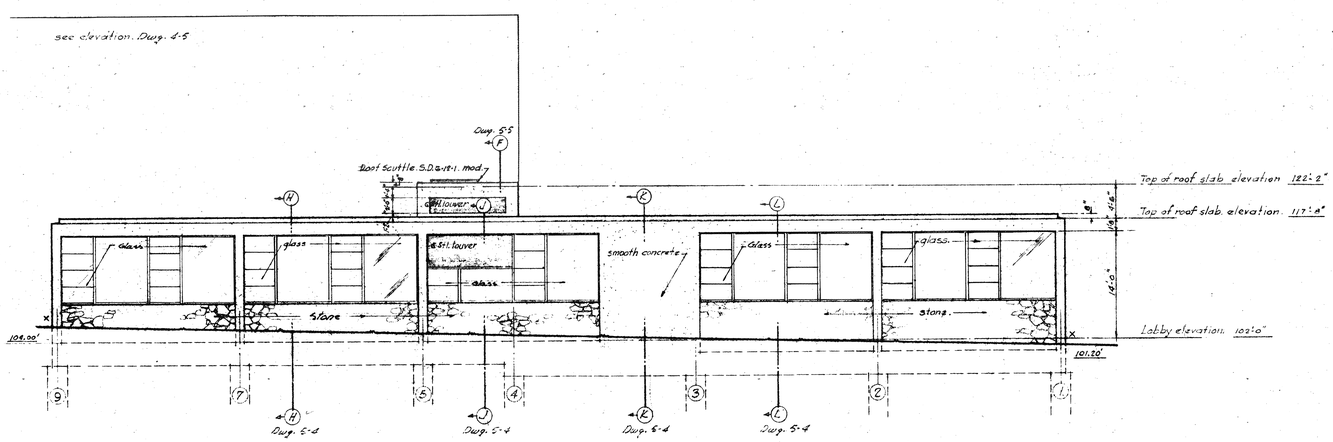
Scale 1/8" (C)




ELEVATION

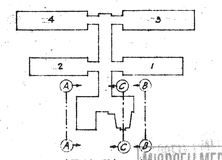
Scale 1/8" (B)

Note: For elevations, dimensions, & operation of windows see Dwg. 5-18




ELEVATION

Scale 1/8" (A)




KEY PLAN

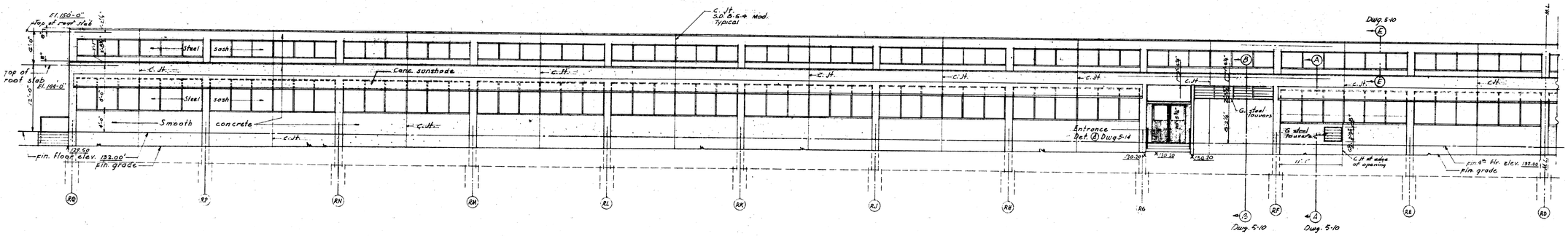


PEREIRA & LUCKMAN
AND
J. E. STANTON
ARCHITECTS AND ENGINEERS
LOS ANGELES, CALIFORNIA
ROBERT W. DITZEN
ASSOCIATE ARCHITECT
BOULDER, COLORADO

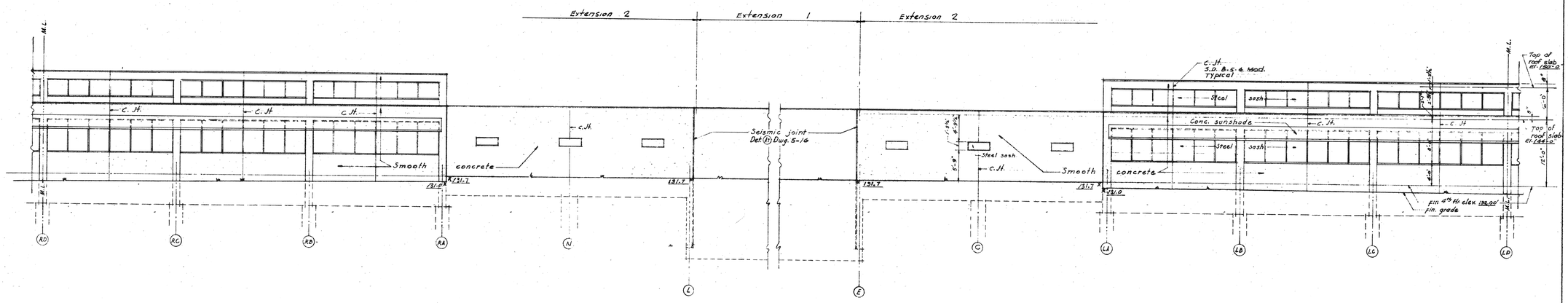
| "ME" | "S" | "SP" | "DD" | "AD" |
|---|---|---|---|---|
| 3/31/50 | 3-24-50 | | REVISED 7-8 | 3-24-52 |

PUBLIC BUILDINGS SERVICE
GENERAL SERVICES ADMINISTRATION, WASHINGTON, D. C.

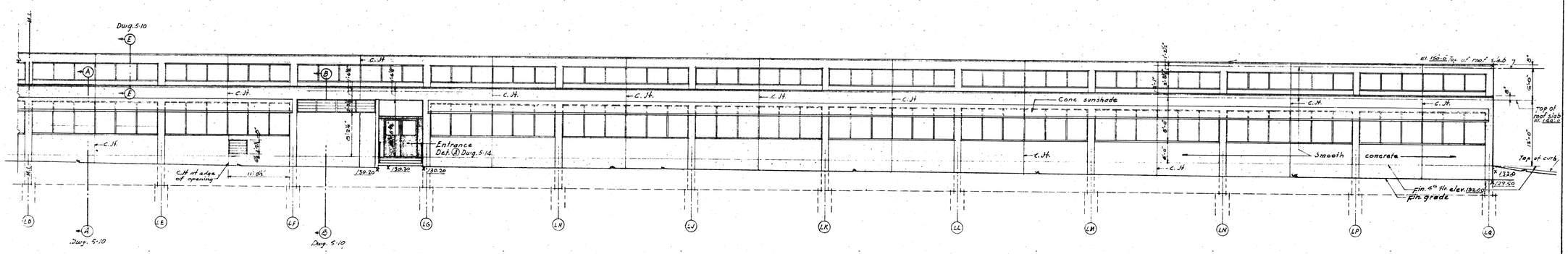
| | | | |
|---|---|---|---|
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | 5-044 | FILE NO. | |
| DRAWN BY | G.M. | 2-22-52 | CHECKED BY E.M.S. |
| DRAWING TITLE | ELEV.S & SECT. CENTRAL UNIT | | |
| | ARCHITECTURAL | | |
| DRAWING NO. | 4-2 B20018 | | |




A3




A2

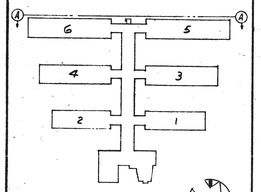



A1

SOUTH ELEVATION WING UNITS 5 & 6

Scale 1/8

A




KEY PLAN



PEREIRA & LUCKMAN
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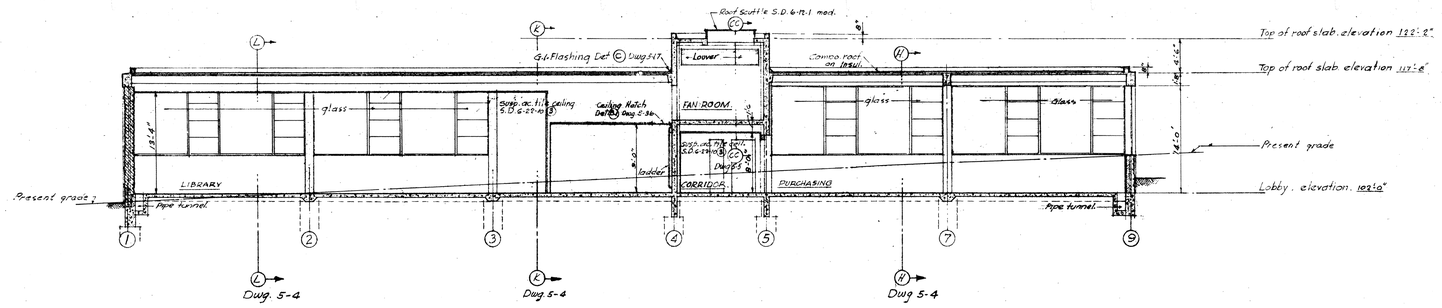
J. E. STANTON
ARCHITECTS AND ENGINEERS
LOS ANGELES, CALIFORNIA
ROBERT W. DITZEN
ASSOCIATE ARCHITECT
BOULDER, COLORADO

| | | | | |
|---|---|---|---|---|
| "ME" | "S" | "SP" | "DD" | "AD" |

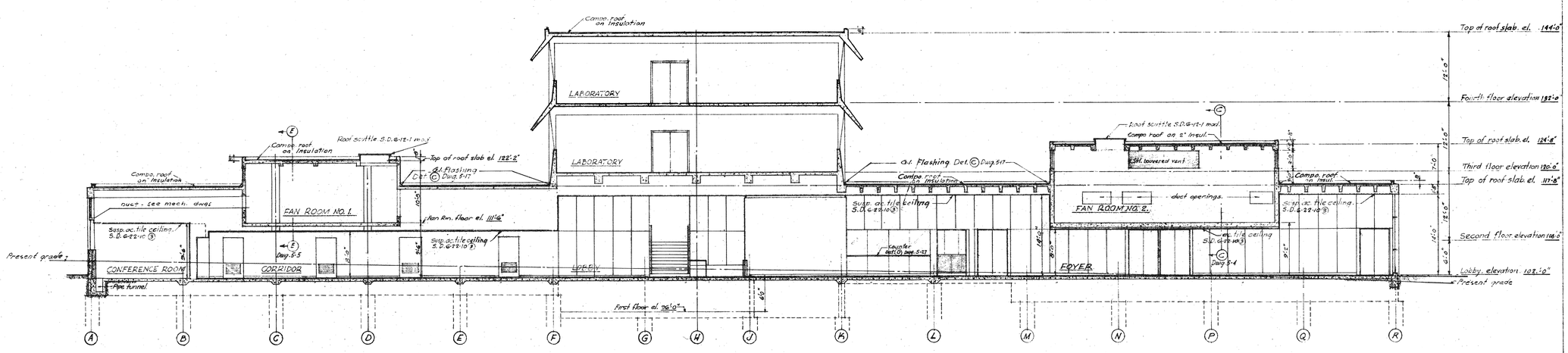
PUBLIC BUILDINGS SERVICE
GENERAL SERVICES ADMINISTRATION, WASHINGTON, D. C.

| | | | |
|---|---|---|---|
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | 5-044 | FILE NO. | |
| DRAWN BY | J.G. | 2-22-52 | CHECKED BY E.M.S. |
| DRAWING TITLE | ELEV.S & SECT.S WING UNITS 5 & 6 | | |
| B-22006 ARCHITECTURAL B-23006 | | | |
| DRAWING NO. | 4-2 EXT 2 | | |



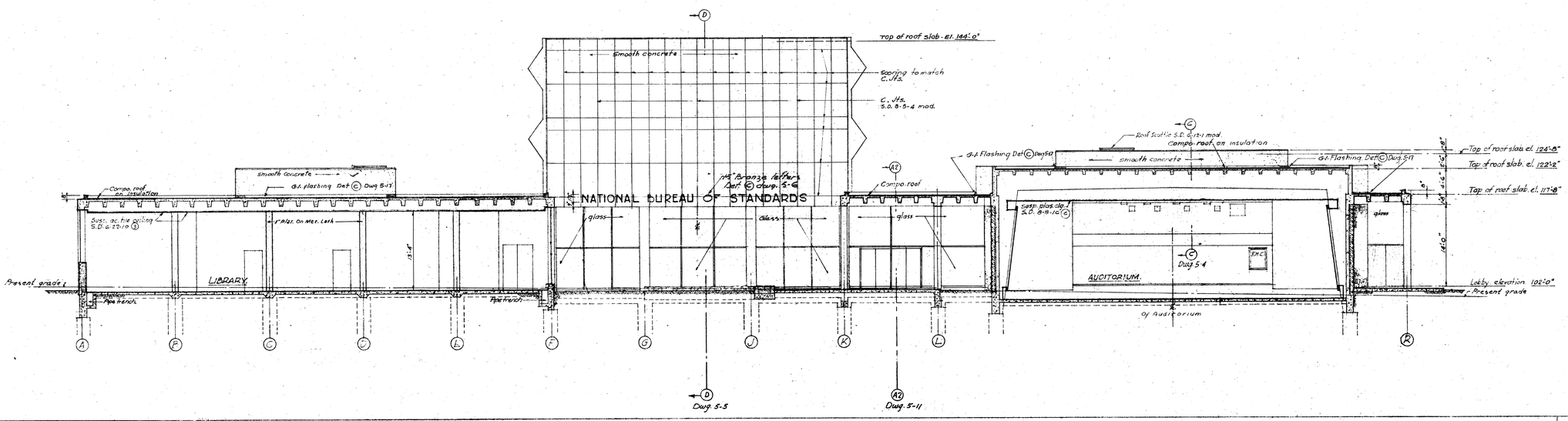

SECTION

Scale 1/8" (C)




SECTION

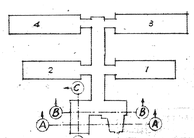
Scale 1/8" (B)




SECTION

Scale 1/8" (A)

Note:
For elevations, dimensions, & operation of windows see Dwg. 5-18



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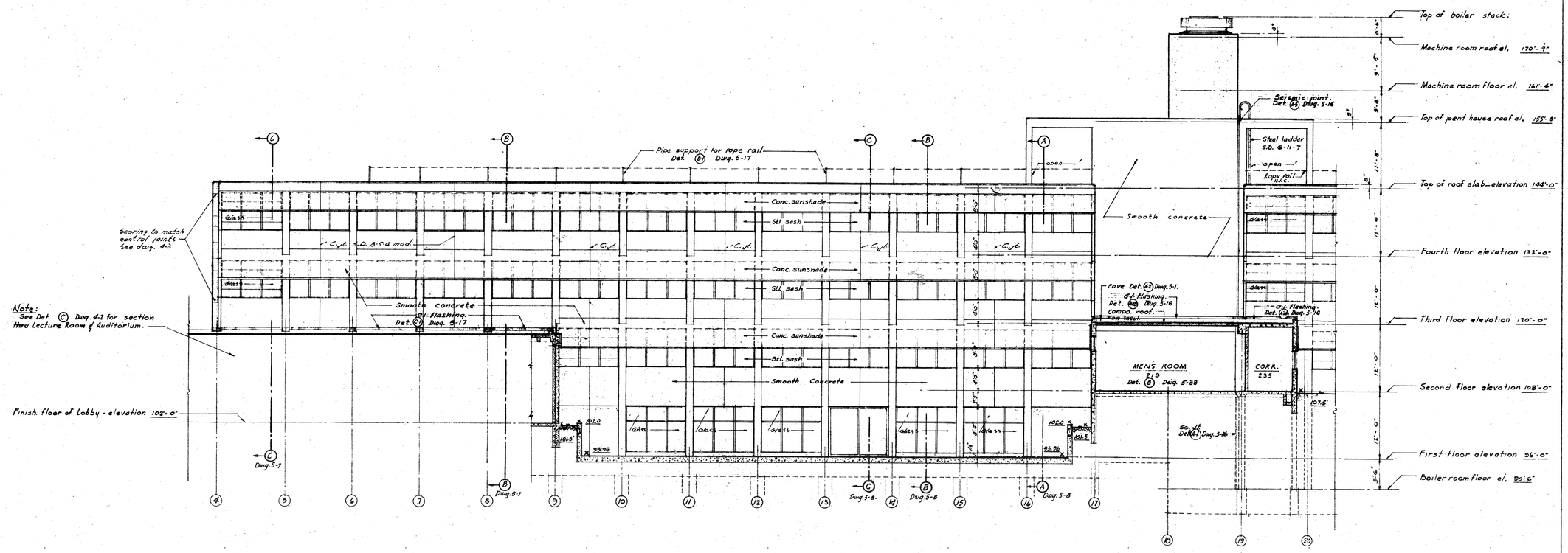
LOS ANGELES, CALIFORNIA
ROBERT W. DITZEN
ASSOCIATE ARCHITECT
BOULDER, COLORADO

| SHT. STARTED | FINISHED | | RETURNED | APPROVED |
|---|---|---|---|---|
| "ME" | "S" | "SF" | "DD" | "AD" |

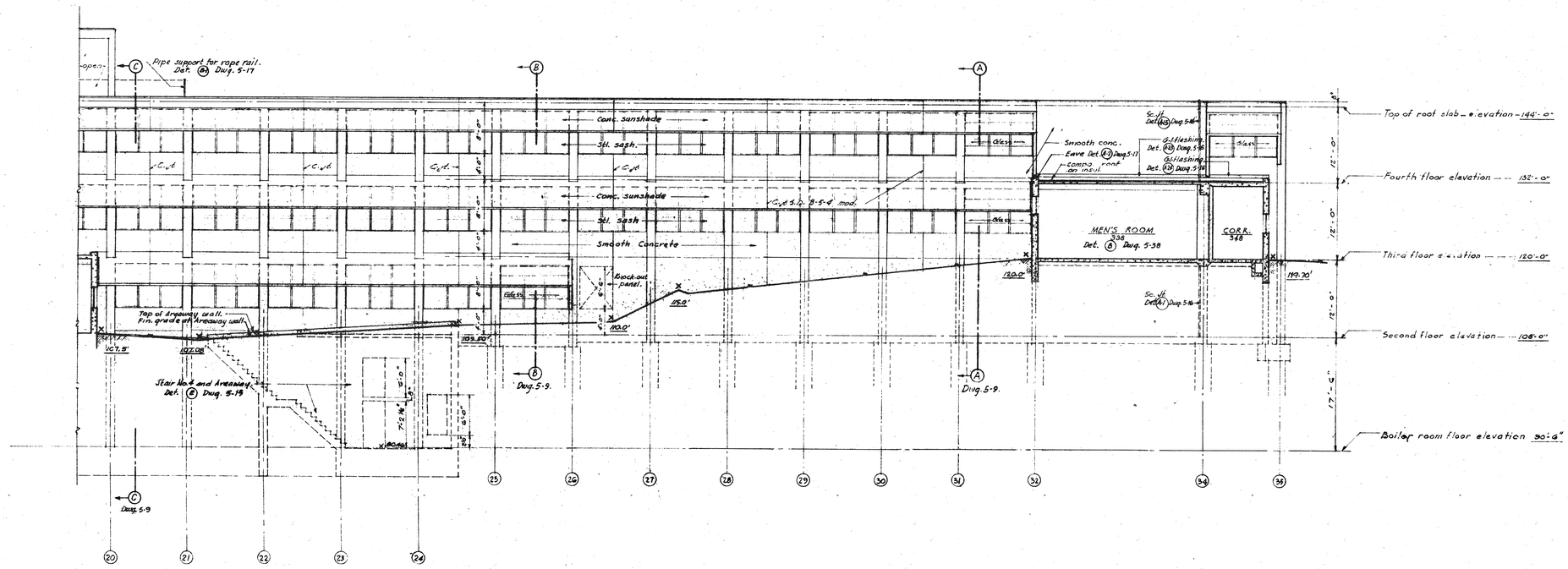
PUBLIC BUILDINGS SERVICE
GENERAL SERVICES ADMINISTRATION, WASHINGTON, D.C.

| | | | |
|---|---|---|---|
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | B-044 | FILE NO. | |
| DRAWN BY | G.M. | 2-22-52 | CHECKED BY W.M.S. |
| DRAWING TITLE | SECTIONS CENTRAL UNIT | | |
| | ARCHITECTURAL | | |
| DRAWING NO. | 4-3 B-20019 | | |




— COLUMN K-4 TO K-20 —

A-2




— COLUMN K-20 TO K-35 —

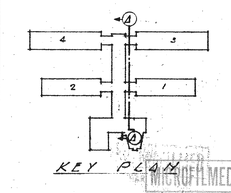
A-1

# WEST ELEVATION - CENTRAL UNIT

Scale 1/8"

A

Note: For elevations, dimensions, & operation of windows, see Dwg. 5-18



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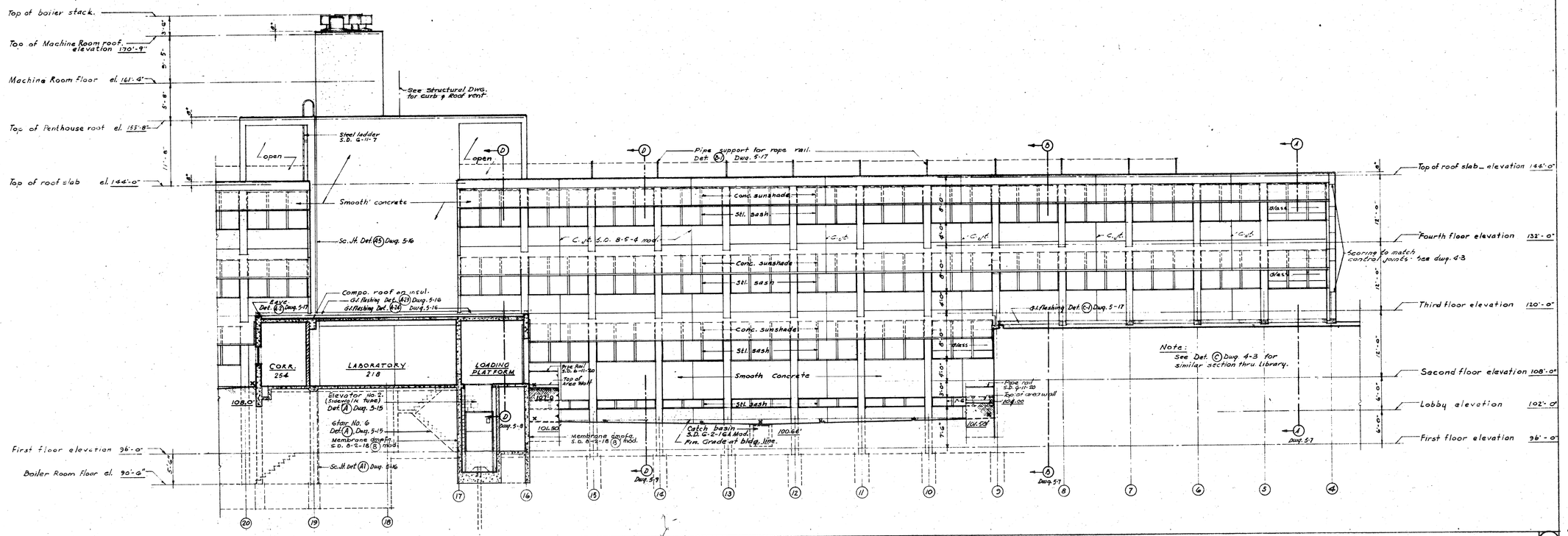
BOULDER, COLORADO

| | | | | |
|---|---|---|---|---|
| 3-28-52 | 3-28-52 | | | 3-28-52 |
| "ME" | "S" | "SP" | "DD" | "AD" |

PUBLIC BUILDINGS SERVICE
GENERAL SERVICES ADMINISTRATION, WASHINGTON, D. C.

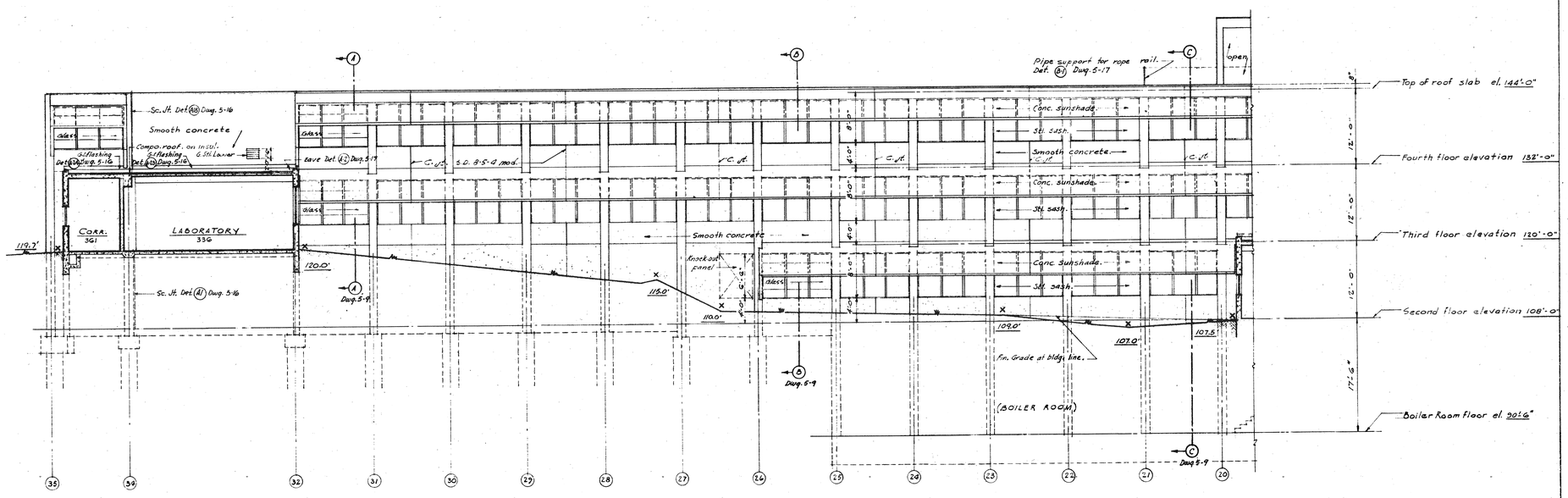
| | | | |
|---|---|---|---|
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | 5-044 | FILE NO. | |
| DRAWN BY | A.G. 2-22-52 | CHECKED BY | E.M.S. |
| DRAWING TITLE | ELEV.S & SECT.S CENTRAL UNIT | | |
| | ARCHITECTURAL | | |
| DRAWING NO. | 4-4 B-20020 | | |

RETURN TO D & D DRAWING FILE UNIT




COLUMN F-4 TO F-20

A-2

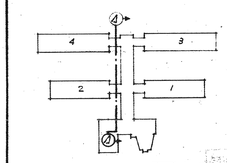



COLUMN F-20 TO F-35

A-1

# EAST ELEVATION — CENTRAL UNIT

Note: For elevations, dimensions, & operation of windows see Dwg. 5-18




KEY PLAN



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BOULDER, COLORADO

| | | | |
|---|---|---|---|
| "ME" | "S" | "SP" | "DD" "AD" |

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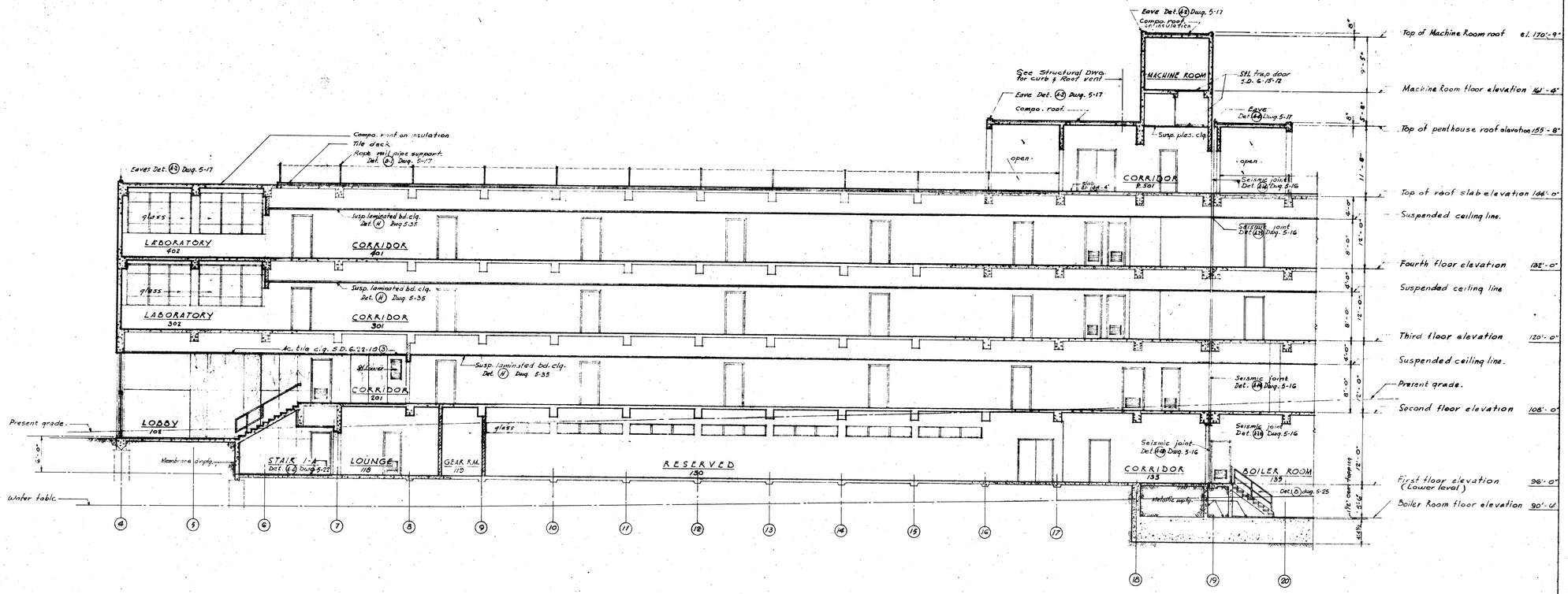
GENERAL SERVICES ADMINISTRATION, WASHINGTON, D.C.

| | | | |
|---|---|---|---|
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | 5-044 | FILE NO. | |
| DRAWN BY | A.G. 2-22-52 | CHECKED BY | E.M.S. |
| DRAWING TITLE | ELEV.S & SECT.S CENTRAL UNIT | | |
| | ARCHITECTURAL | | |
| DRAWING NO. | 4-5 B-20021 | | |

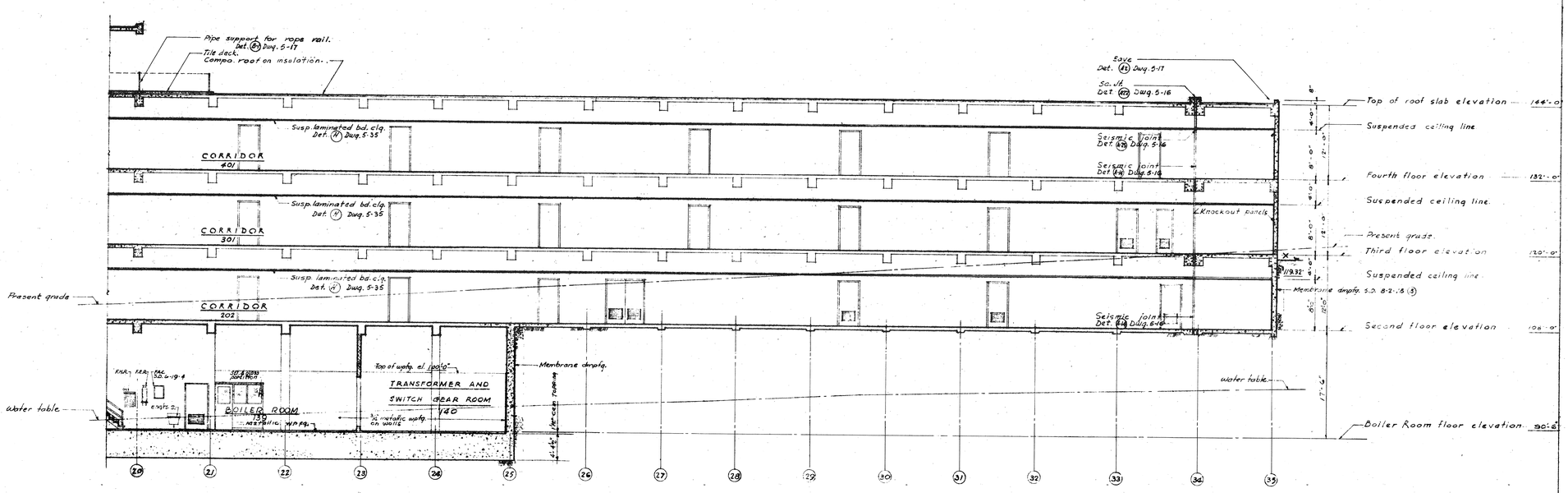
Scale 1/8"

A




COLUMN 4 TO 20

A-2

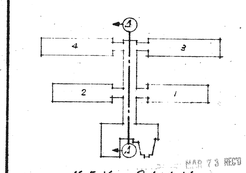



COLUMN. 20 TO 35

A-1

# LONGITUDINAL SECTION — CENTRAL UNIT

Note: For elevations, dimensions, & operation of windows, see Dwg. 5-18



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BOULDER, COLORADO

| | | | | |
|---|---|---|---|---|
| "ME" | "S" | "SP" | "DD" | "AD" |

PUBLIC BUILDINGS SERVICE
GENERAL SERVICES ADMINISTRATION, WASHINGTON, D. C.

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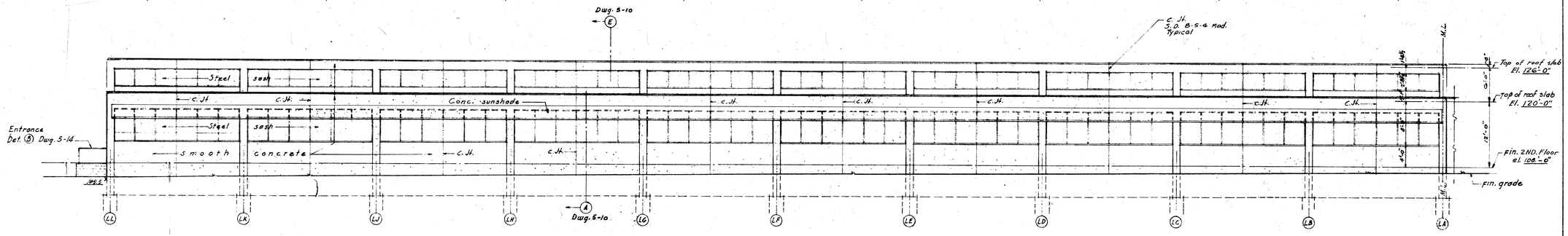
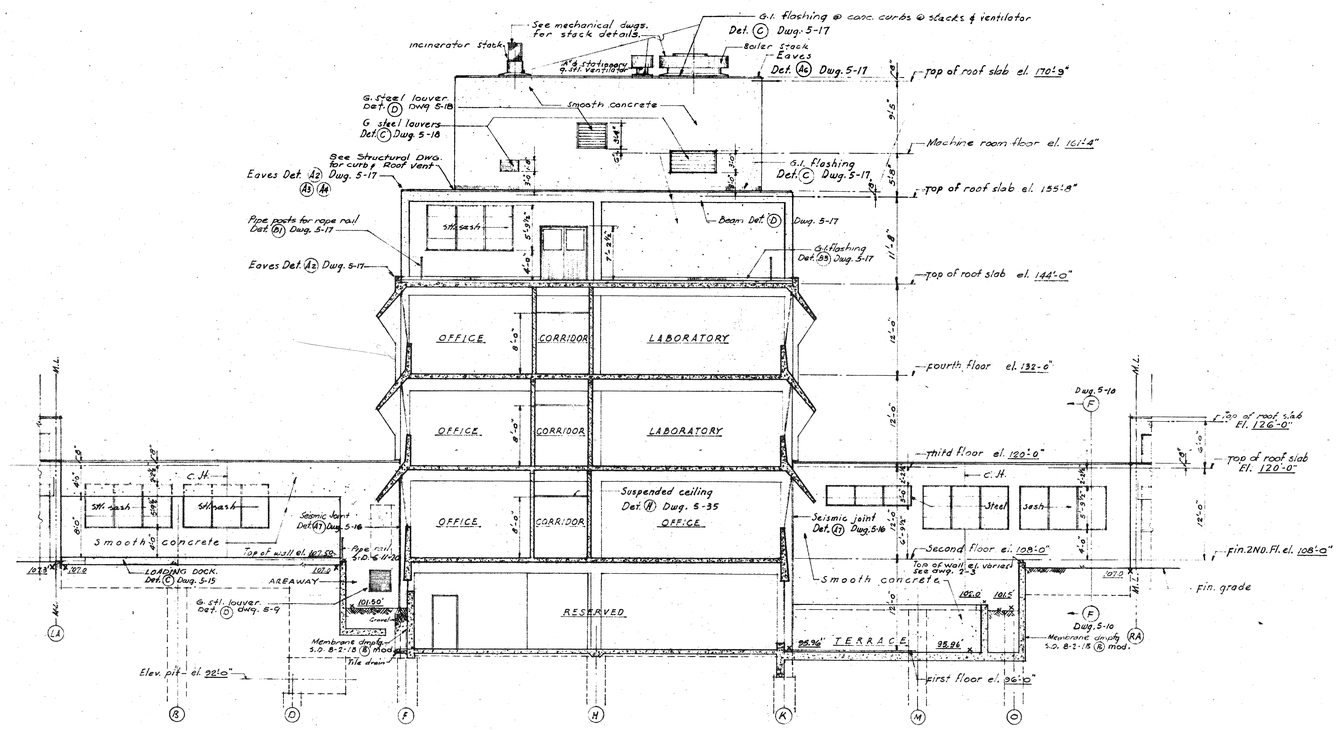
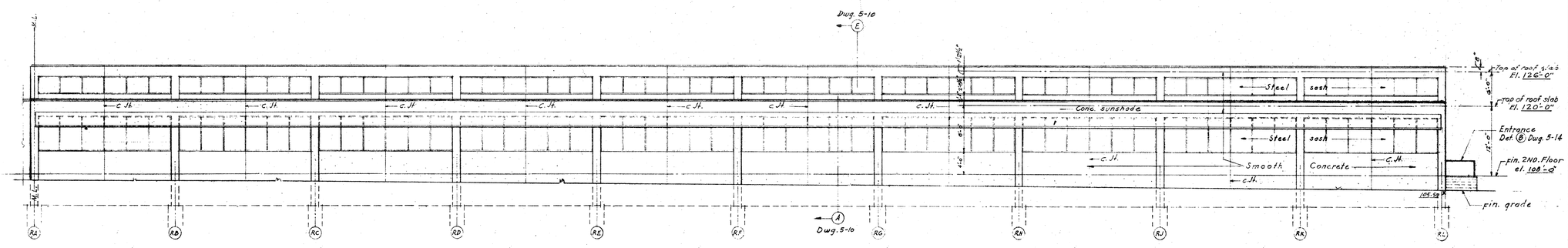
|---|---|---|---|
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | 5-044 | FILE NO. | |
| DRAWN BY | A.Q. 2-22-58 | CHECKED BY | W.M.S. |
| DRAWING TITLE | SECTION CENTRAL UNIT | | |
| | ARCHITECTURAL | | |
| DRAWING NO. | 4-6B-20022 | | |




A2




A1



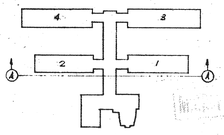

A1

NORTH ELEVATIONS WING UNITS 1 & 2

Scale 1/8"

A

Note:
For elevations, dimensions, & operation of windows see Dwg. 5-18




KEY PLAN



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J. E. STANTON
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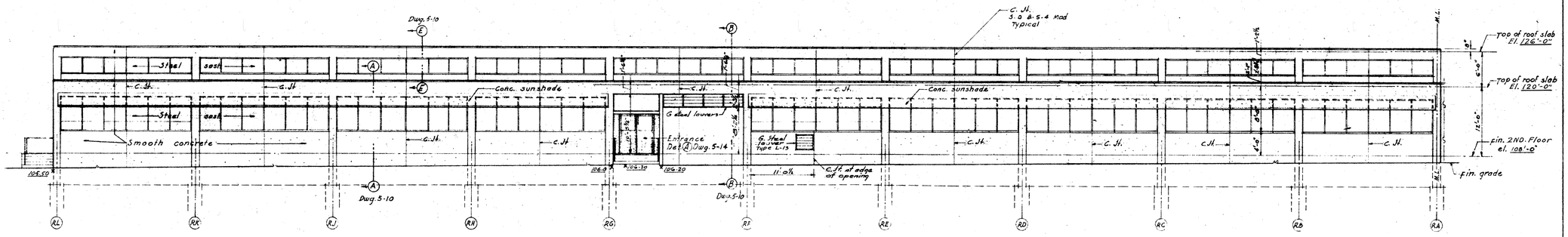
LOS ANGELES, CALIFORNIA
ROBERT W. DITZEN
ASSOCIATE ARCHITECT
BOULDER, COLORADO

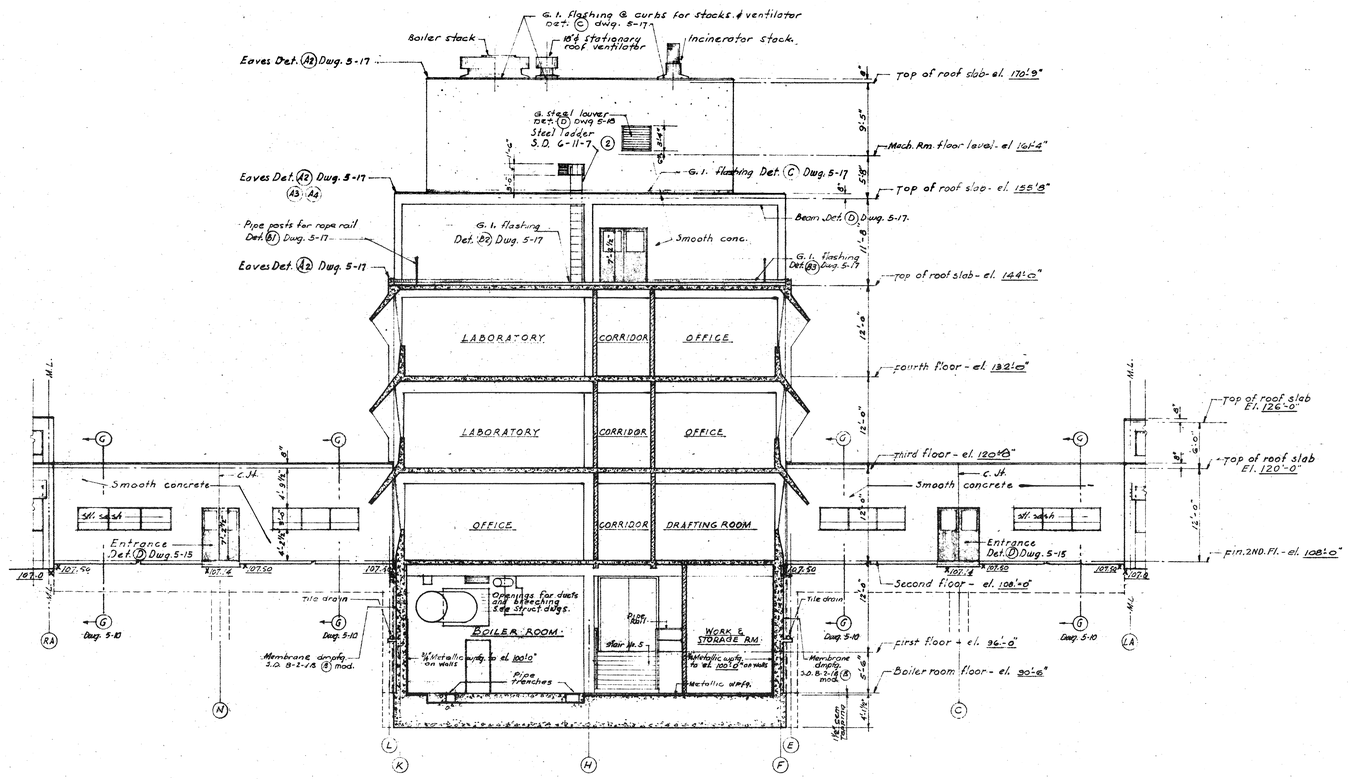
| | | | | |
|---|---|---|---|---|
| DWN 3-14-57 | HPG 3-28-57 | | CKD 3-28-57 | APD 3-28-57 |
| "ME" | "S" | "SP" | "DD" | "AD" |

PUBLIC BUILDINGS SERVICE
GENERAL SERVICES ADMINISTRATION, WASHINGTON, D. C.

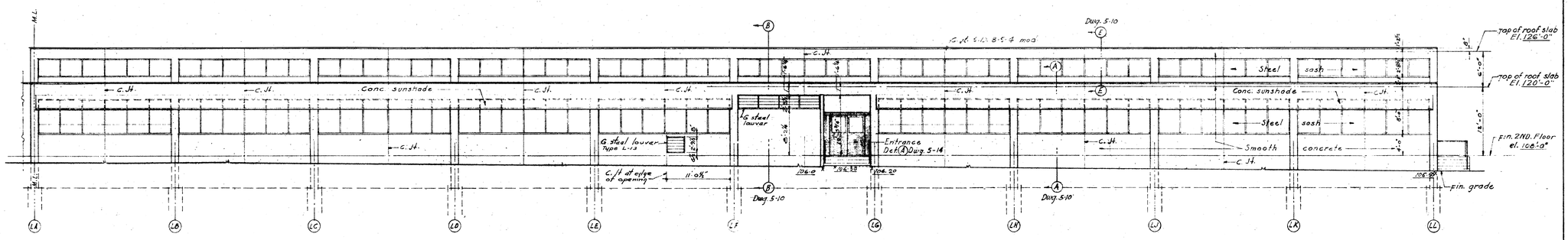
| | | | |
|---|---|---|---|
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | 5-044 | FILE NO. | |
| DRAWN BY | J.G. | 2-27-57 | CHECKED BY | B.M.S. |
| DRAWING TITLE | ELEV.S & SECT. WING UNITS 1 & 2 | | |
| | ARCHITECTURAL | | |
| DRAWING NO. | 4-7B-20023 | | |




A3




A2



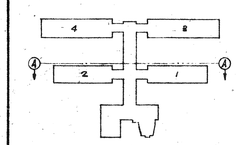

A1

SOUTH ELEVATION WING UNITS 1 & 2

Scale 1/10"

A

Note:
For elevations, dimensions, & operation of windows, see Dwg. 5-18




KEY PLAN



PEREIRA & LUCKMAN
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J. E. STANTON
ARCHITECTS AND ENGINEERS
LOS ANGELES CALIFORNIA
ROBERT W. DITZEN
ASSOCIATE ARCHITECT
BOULDER COLORADO

| "ME" | "S" | "SF" | "DD" | "AD" |
|---|---|---|---|---|
| 3-14-54 | | | | |

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GENERAL SERVICES ADMINISTRATION, WASHINGTON, D.C.

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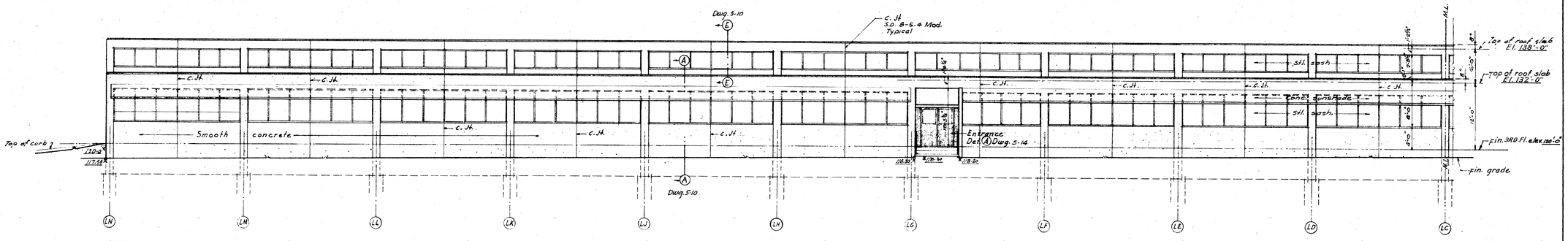
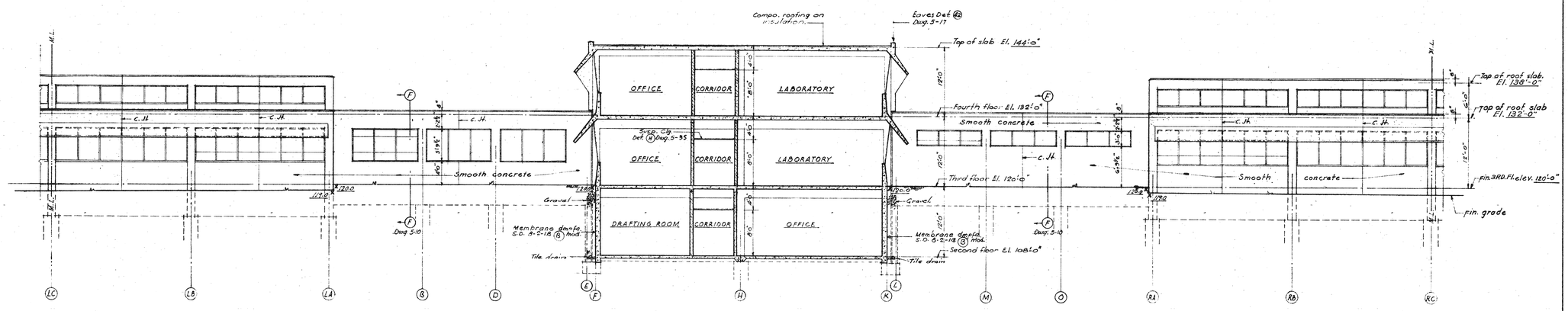
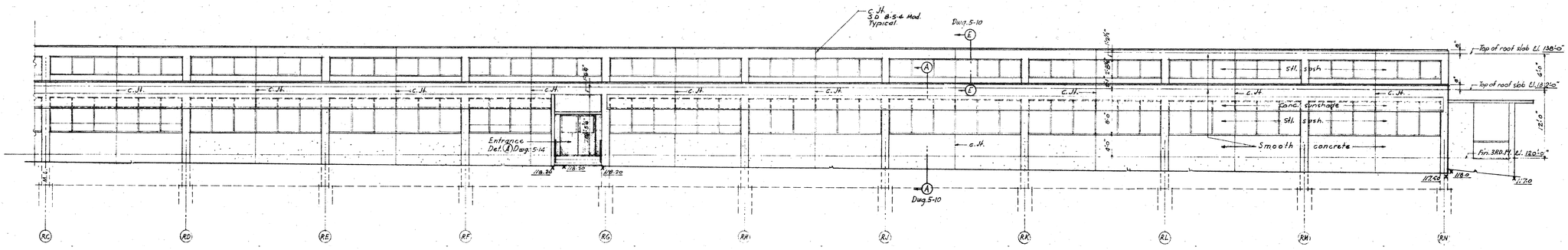
|---|---|---|---|
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | 5-044 | FILE NO. | |
| DRAWN BY | J.S. 2-22-52 | CHECKED BY | E.M.S. |
| DRAWING TITLE | ELEV.S & SECT. WING UNITS 1 & 2 | | |
| | ARCHITECTURAL | | |
| DRAWING NO. | 4-8B-20024 | | |




A3




A2



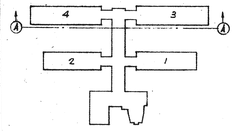

A1

NORTH ELEVATION - WING UNITS 3 & 4

Scale 1/8"

A

Note:
For elevations, dimensions, & operation of windows, see Dwg. 5-18




KEY PLAN



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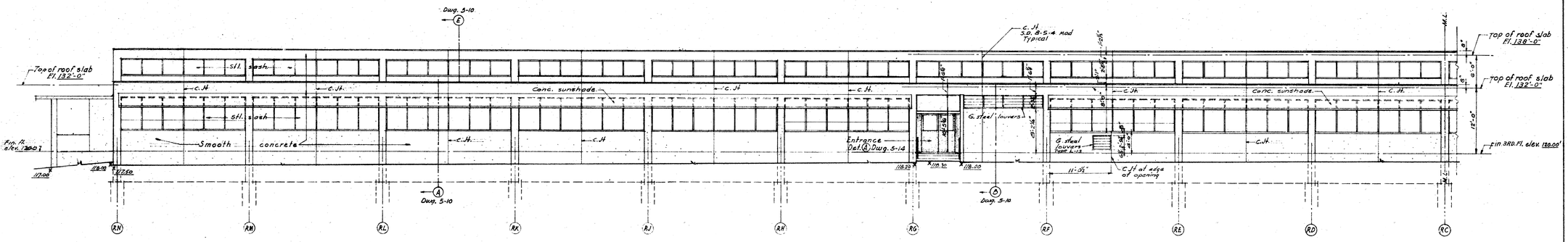
ARCHITECTS AND ENGINEERS
LOS ANGELES, CALIFORNIA
ROBERT W. DITZEN
ASSOCIATE ARCHITECT
BOULDER, COLORADO

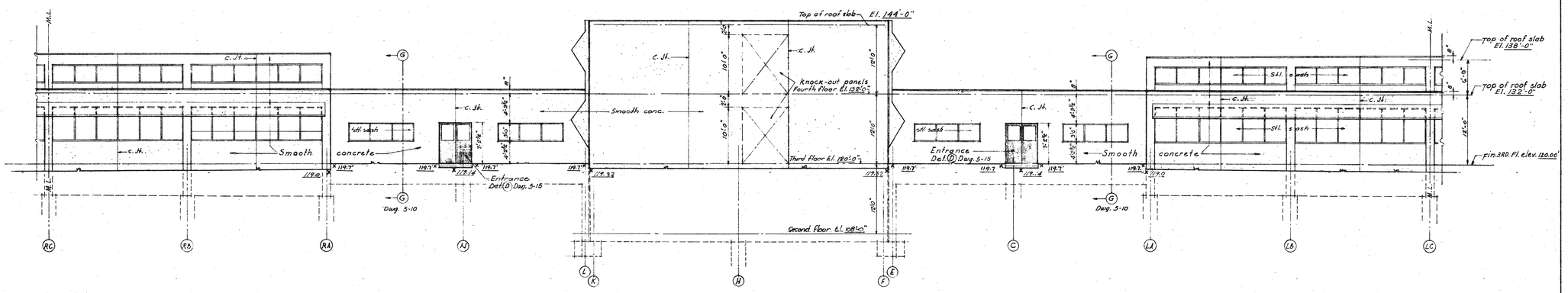
| "ME" | "S" | "SP" | "DD" | "AD" |
|---|---|---|---|---|
| J.W.S. 3-14-52 | RV | HMP 3-26-52 | | EKW 5-20-52 | 2-27-52 |

PUBLIC BUILDINGS SERVICE
GENERAL SERVICES ADMINISTRATION, WASHINGTON, D. C.

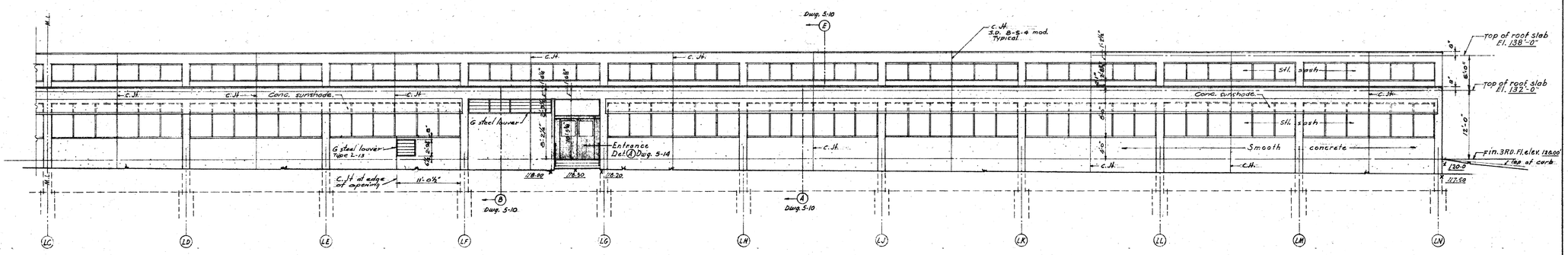
| | | | |
|---|---|---|---|
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | 5-044 | FILE NO. | |
| DRAWN BY | J.Q. | 2-22-52 | CHECKED BY E.M.S. |
| DRAWING TITLE | ELEV.S & SECT.S WING UNITS 3 & 4 | | |
| | ARCHITECTURAL | | |
| DRAWING NO. | 4-9 B-20025 | | |




A3




A2




A1

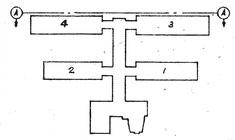
SOUTH ELEVATION - WING UNITS 3 & 4

Scale 1/16"

A

DRAWING NO. 4-10 B-20026

Note: For elevations, dimensions, & operation of windows see Dwg. 5-18




KEY PLAN



PEREIRA & LUCKMAN
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J. E. STANTON
ARCHITECTS AND ENGINEERS
LOS ANGELES, CALIFORNIA
ROBERT W. DITZEN
ASSOCIATE ARCHITECT
BOULDER, COLORADO

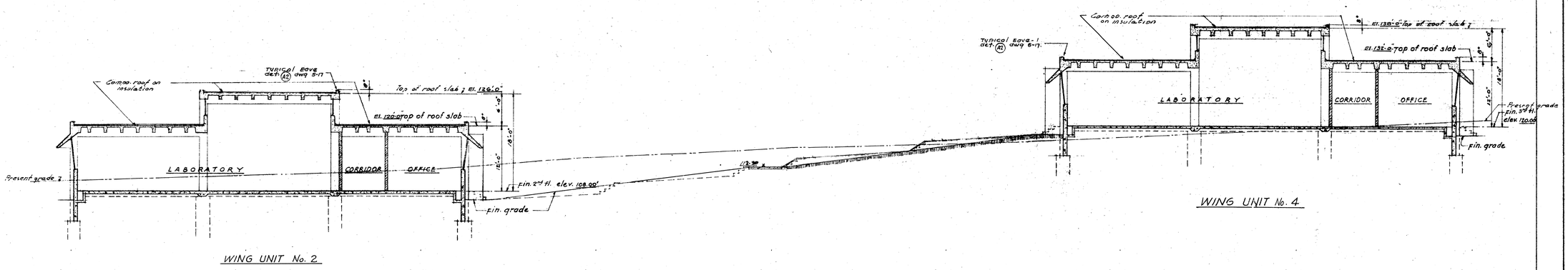
| | | | | |
|---|---|---|---|---|
| "ME" | "S" | "SF" | "DD" | "AD" |

PUBLIC BUILDINGS SERVICE
GENERAL SERVICES ADMINISTRATION, WASHINGTON, D.C.

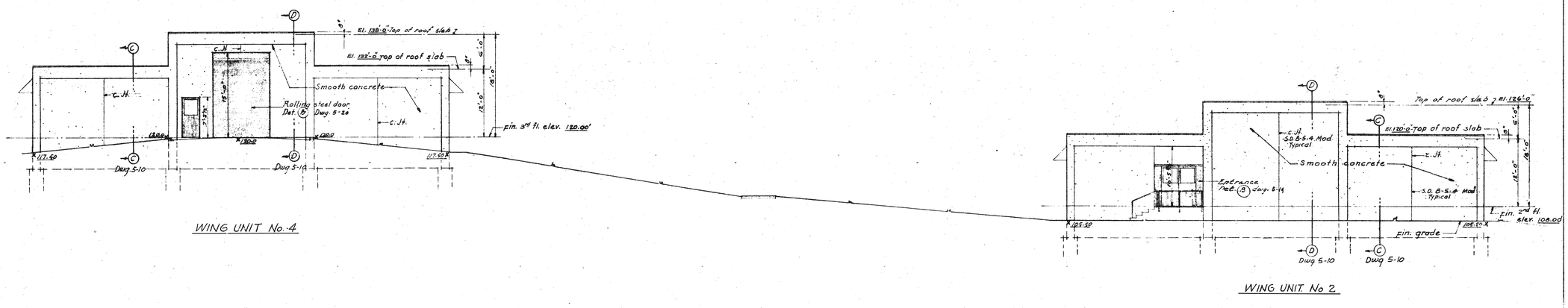
| | | | |
|---|---|---|---|
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | 5-044 | FILE NO. | |
| DRAWN BY | J.G. 2-22-52 | CHECKED BY | E.M.S. |
| DRAWING TITLE | ELEV.S & SECT. WING UNITS 3 & 4 | | |
| | ARCHITECTURAL | | |

B-20026

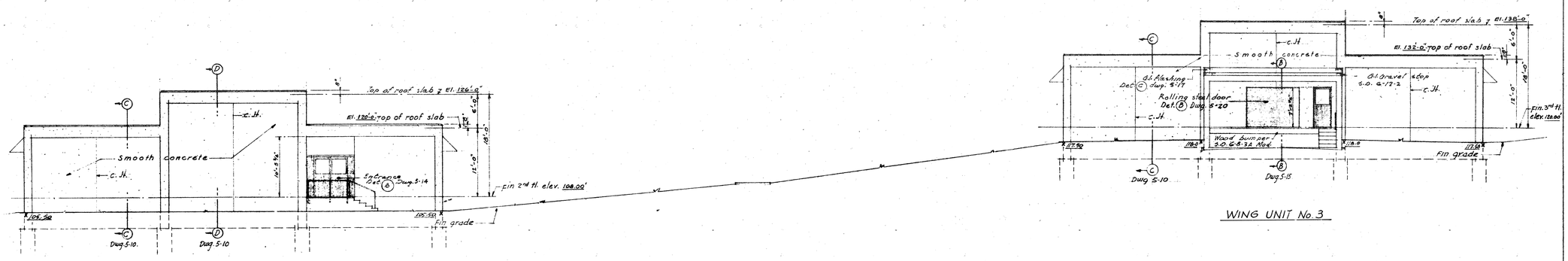
B-20026



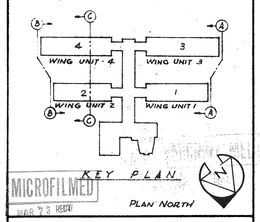

CROSS SECTIONS WING UNITS 2 & 4 — Scale 1/8" — C




EAST ELEVATION WING UNITS 2 & 4 — Scale 1/8" — B




WEST ELEVATION WING UNITS 1 & 3 — Scale 1/8" — A



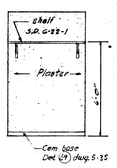

MICROFILMED

PEREIRA & LUCKMAN
AND
J. E. STANTON
ARCHITECTS AND ENGINEERS
LOS ANGELES, CALIFORNIA
ROBERT W. DITZEN
ASSOCIATE ARCHITECT
BOULDER, COLORADO

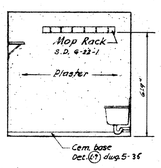
| | | | | |
|---|---|---|---|---|
| 3-4-57 | 3-24-58 | | 10-17-58 | 2-2-62 |
| "ME" | "S" | "SP" | "DD" | "AD" |

PUBLIC BUILDINGS SERVICE
GENERAL SERVICES ADMINISTRATION, WASHINGTON, D. C.

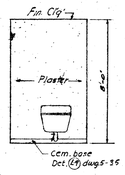
| | | | |
|---|---|---|---|
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | B-044 | FILE NO. | |
| DRAWN BY | J.A., L.T. 2-22-62 | CHECKED BY | E.M.S. |
| DRAWING TITLE | ELEV.S & SECT.S WING UNITS 1 2 3 & 4 | | |
| | ARCHITECTURAL | | |
| DRAWING NO. | 4-11 B-20027 | | |



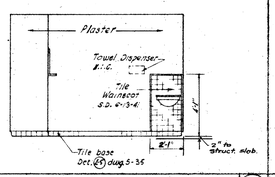

NORTH WALL GEAR A-415 (B-8)



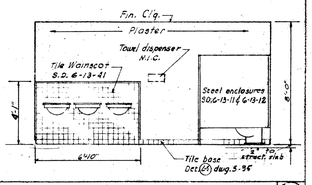

EAST WALL GEAR A-415 (B-7)



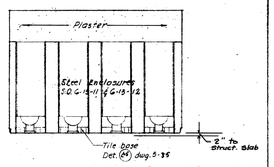

SOUTH WALL GEAR A-415 (B-6)



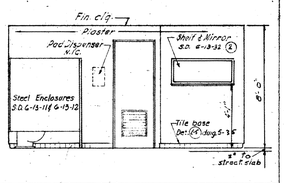

WEST WALL WOMEN A-414 (B-5)



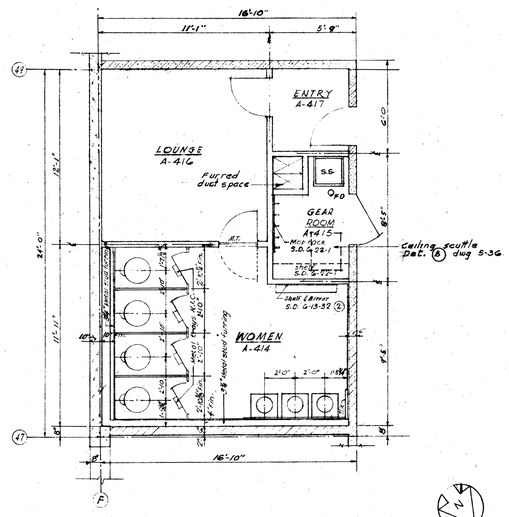

NORTH WALL WOMEN A-414 (B-4)




EAST WALL WOMEN A-414 (B-3)

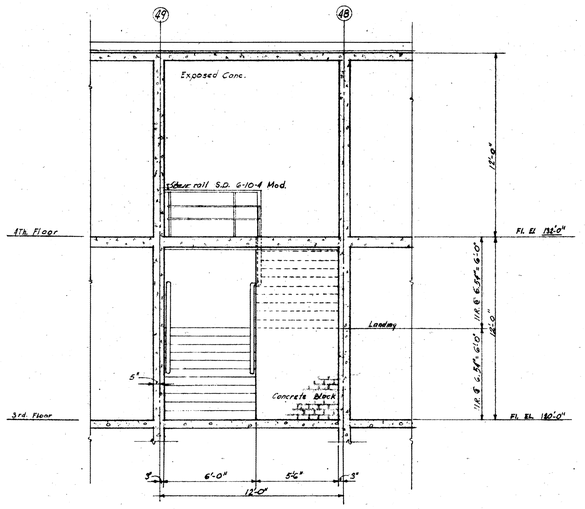



SOUTH WALL WOMEN A-414 (B-2)

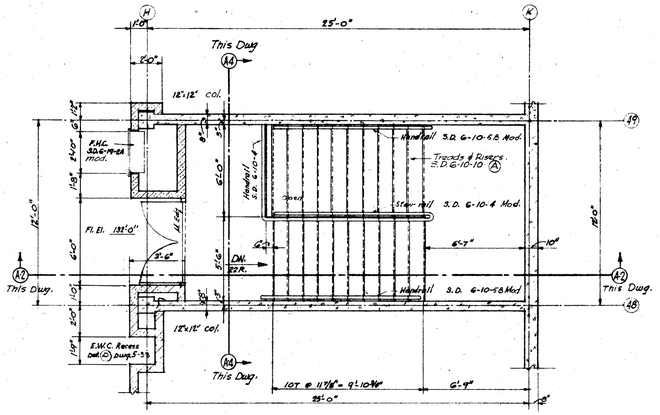



PLAN (B-1)

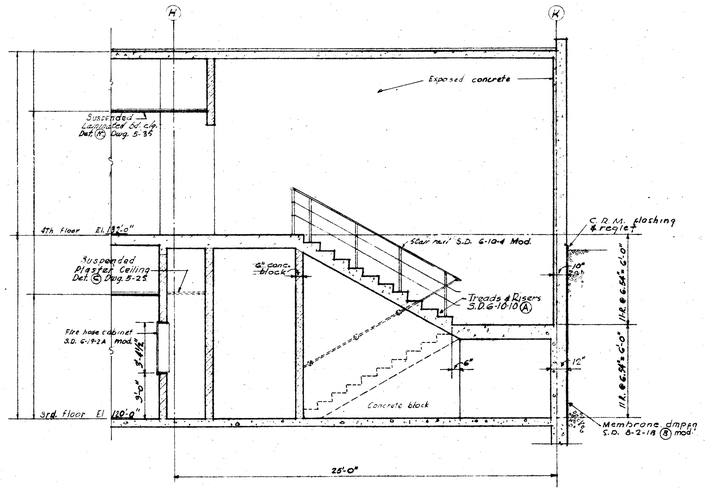
TOILET ROOM WOMEN A-414 — Scale 1/4" (B)



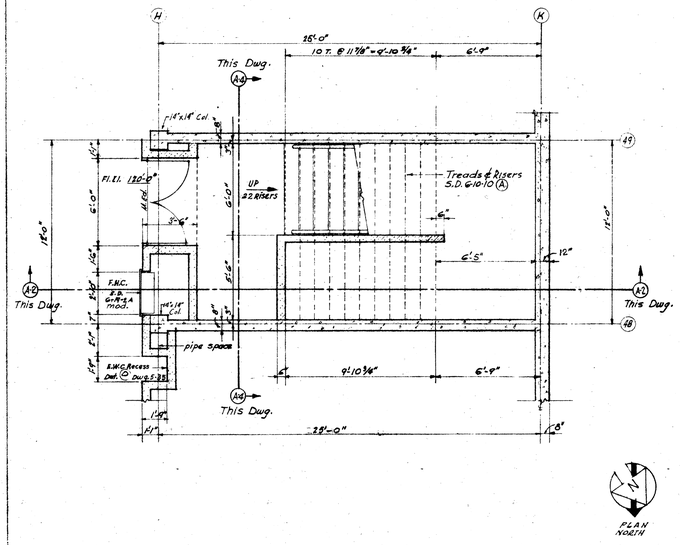

SECTION (A-4)




FOURTH FLOOR PLAN (A-3)




SECTION (A-2)




THIRD FLOOR PLAN (A-1)

STAIR NO. 10 THIRD & FOURTH FLOOR — Scale 1/4" (A)

MICROFILMED
MAR 23 REC'D

M.T. Designates Marble Threshold
F.D. 6-15-7

All ceilings noted as Fin. clg. - Det. (B) of this dwg. are to be suspended plaster clgs. S.D. 8-8-1c (C)

PEREIRA & LUCKMAN
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J. E. STANTON
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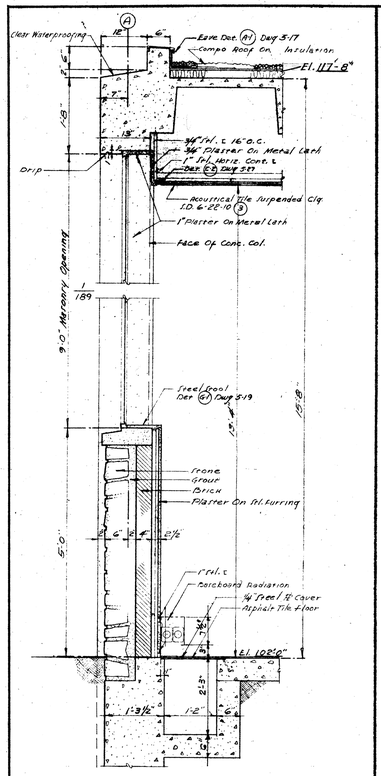
LOS ANGELES, CALIFORNIA
ROBERT W. DITZEN
ASSOCIATE ARCHITECT
BOULDER, COLORADO

| "HE" | "S" | "SP" | "DD" | "AD" |
|---|---|---|---|---|
| J.M.M. 7/11/57 | H.A.S. 2-24-5-1 | | R.W.D. 2-21-51 | H.A.S. 2-24-5-2 |

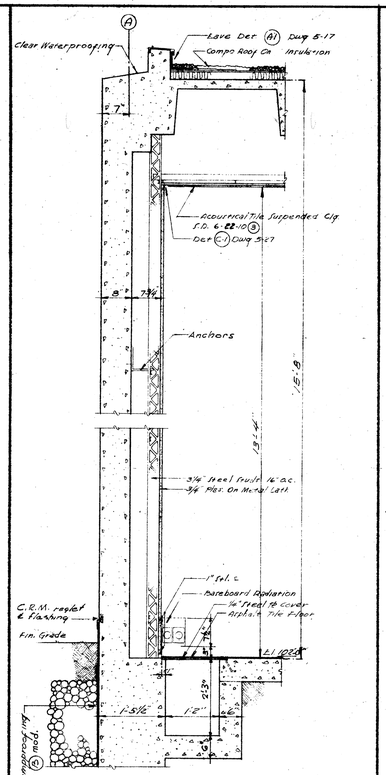
PUBLIC BUILDINGS SERVICE
GENERAL SERVICES ADMINISTRATION, WASHINGTON, D. C.

| | | | |
|---|---|---|---|
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | 3-044 | FILE NO. | |
| DRAWN BY | J.M. 2-22-52 | CHECKED BY | W.M.S. |
| DRAWING TITLE | STAIR NO. 10 & TOILETS | | |
| | B-20069 ARCHITECTURAL | | |
| DRAWING NO. | 5-3 EXT 1 | | |



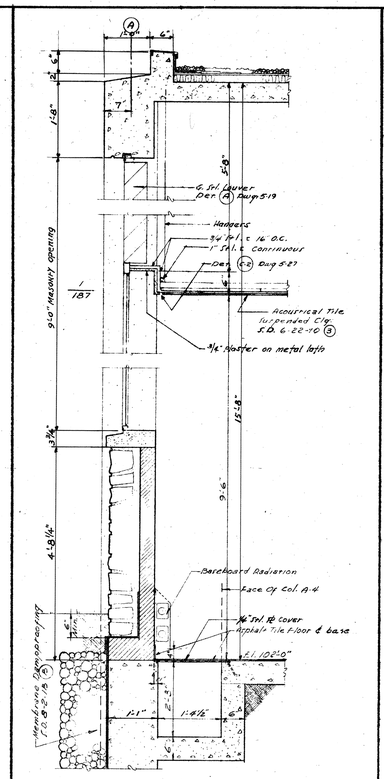

EAST WALL - LIBRARY
COLS NOS. 1-TO-3

Scale 3/4" (L)




EAST WALL - LIBRARY
NORTH OF COL. NO. 3.

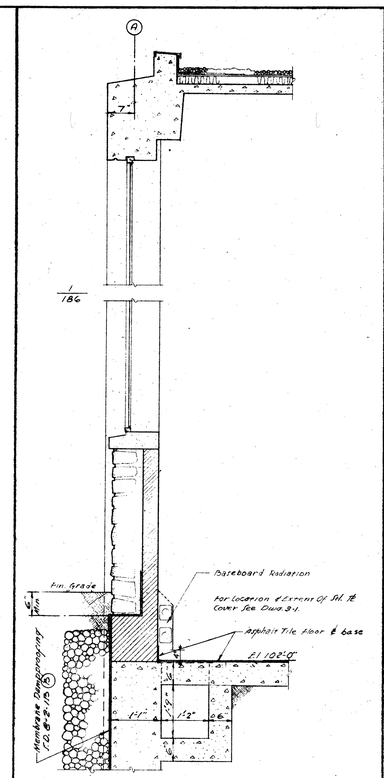
Scale 3/4" (K)




NOTE:
For Additional Dimensions & Applicable Notes
See Details (A) & (B) this Dwg.

EAST WALL-CONFERENCE
COL'S. NOS. 4 TO 5

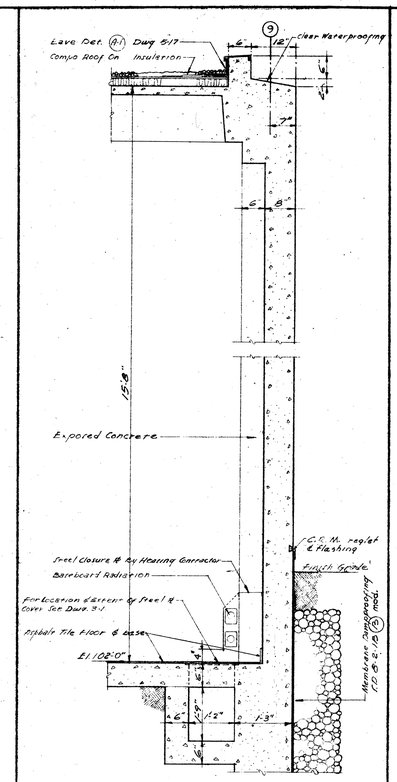
Scale 3/4" (J)




NOTE:
For Dimensions & Additional Applicable
Notes See Details (A) & (B) This Dwg.

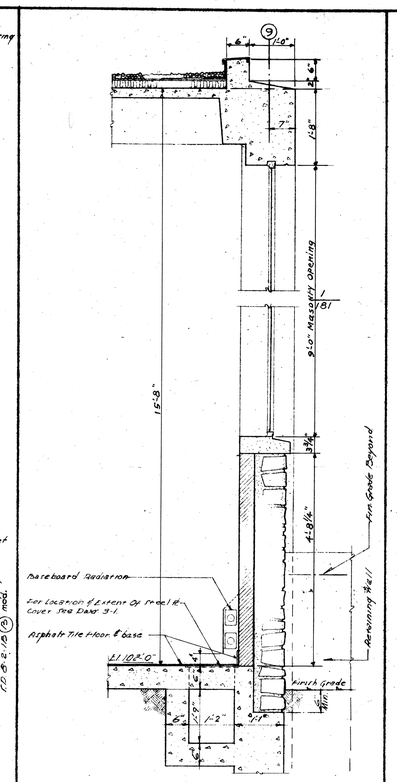
EAST OR SOUTH WALL-PURCHASING
COL'S. NOS. 5 TO 9 & B TO E

Scale 3/4" (H)




SOUTH WALL - PURCHASING
BETWEEN COL'S (A) & (B)

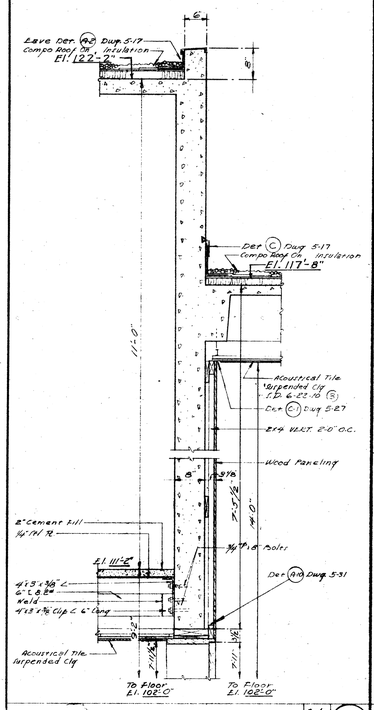
Scale 3/4" (G)




NOTE:
For Dimensions & Additional Applicable
Notes See Details (A) & (B) This Dwg.

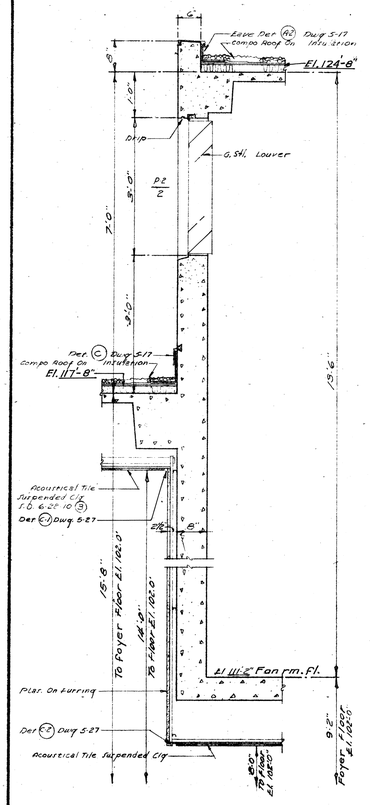
SOUTH WALL- PERSONNEL
COLS. E TO F.

Scale 3/4" (F)



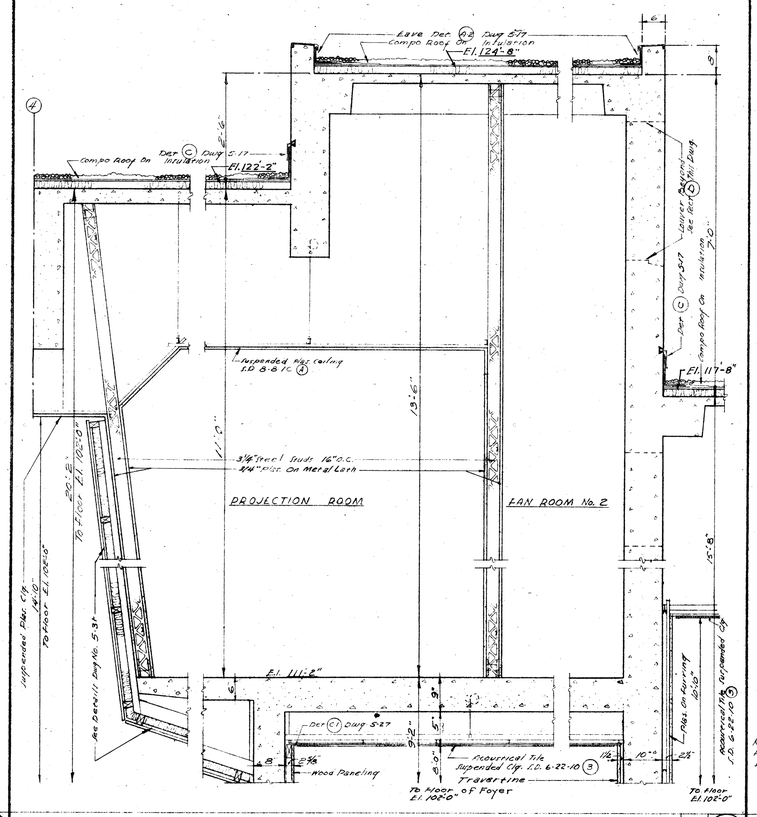

SOUTH WALL AT VESTIBULES 104 & 105

Scale 3/4" (E)



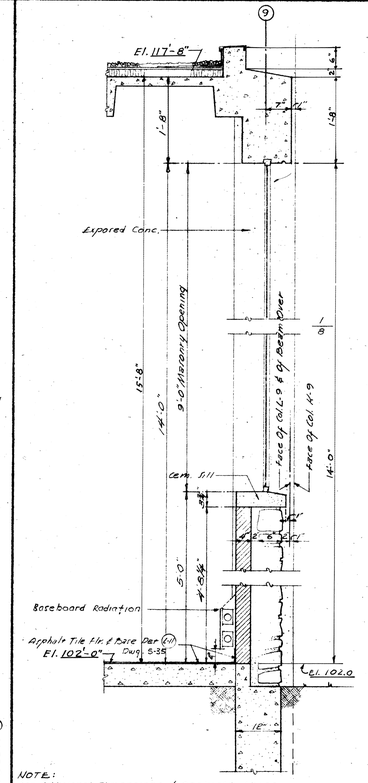

EAST WALL-FAN ROOM No. 2

Scale 3/4" (D)




NORTH-SOUTH SECTION THRU PROJECTION & FAN ROOM No. 2

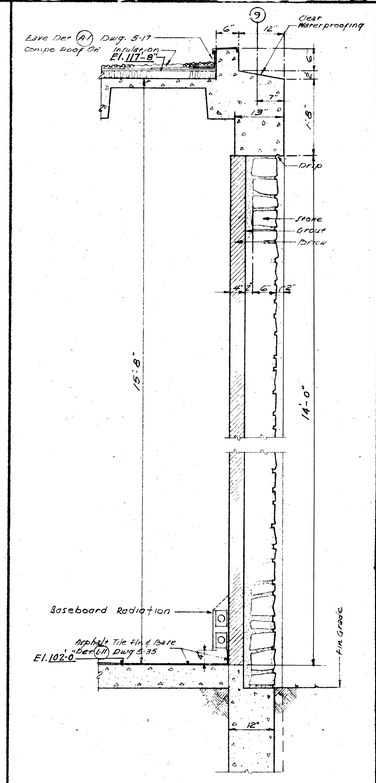
Scale 3/4" (C)




NOTE:
For Additional Dimensions & Applicable Notes
See Detail (A) This Dwg.

SOUTH WALL-TELEPHONE EQUIP.

Scale 3/4" (B)




SOUTH WALL - TELEPHONE EQUIP. &
LECTURE RM. # 111 EXCEPT WALL IS PLASTERED

Scale 3/4" (A)

NOTE:
For pipe trench details see dwg.
5-3G & floor plans.

MICROFILMED

PEREIRA & LUCKMAN
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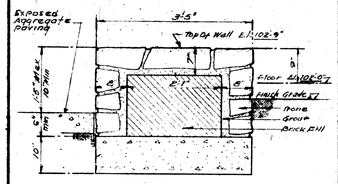
J. E. STANTON
ARCHITECTS AND ENGINEERS
LOS ANGELES, CALIFORNIA
ROBERT W. DITZEN
ASSOCIATE ARCHITECT
BOULDER, COLORADO

| Date 3/14/52 | 11/12 2-26-52 | | REVISED 5-29-52 | 5-22-52 |
|---|---|---|---|---|
| "AE" | "A" | "SP" | "DD" | "AD" |

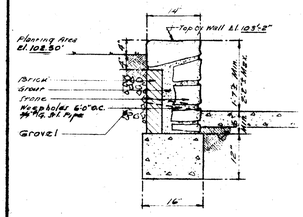
PUBLIC BUILDINGS SERVICE
GENERAL SERVICES ADMINISTRATION, WASHINGTON, D.C.

| | | | |
|---|---|---|---|
| PROJECT | BOULDER, COLORADO, FIELD NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | 8-044 | FILE NO. | |
| DRAWN BY | E.J., J.M. 2-22-52 | CHECKED BY | E.M.S. |
| DRAWING TITLE | WALL SECTIONS | | |
| | ARCHITECTURAL | | |
| DRAWING NO. | 5-4B-20031 | | |

RETURN TO D&C DRAWING FILES ROOM

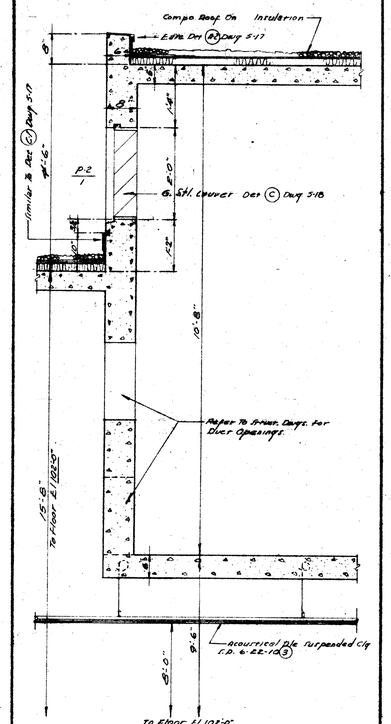



AT LIBRARY (G-2)

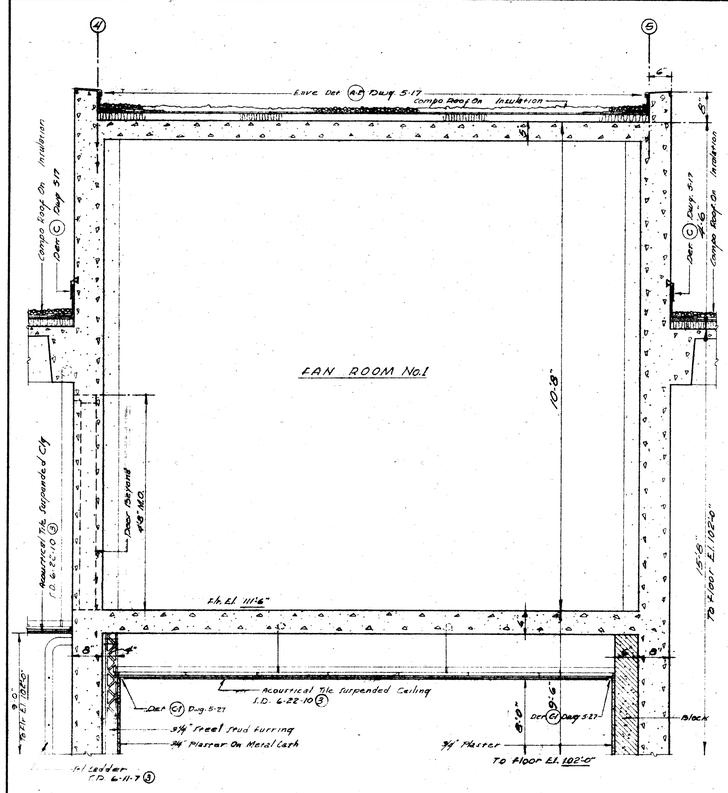



AT AUDITORIUM (G-1)

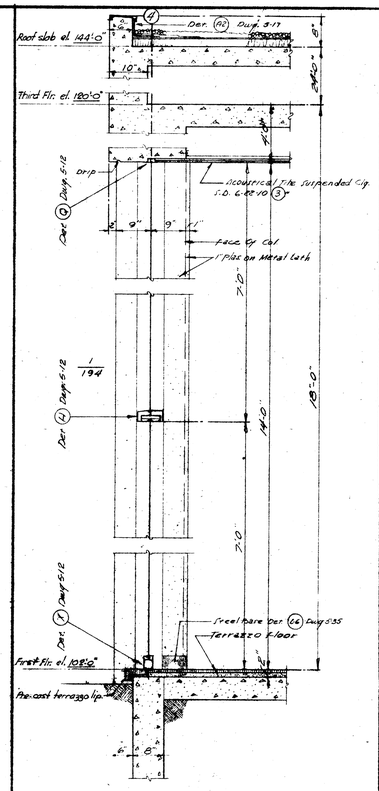
PLANTING AREA WALLS — Scale 3/4" — G



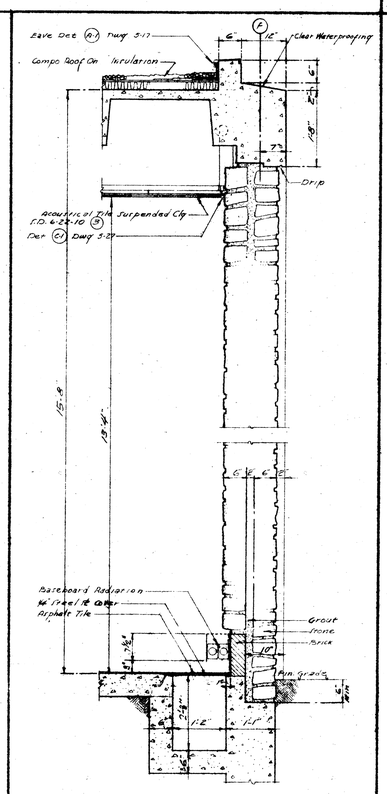

EAST WALL FAN RM. No. 1 — Scale 3/4" — F



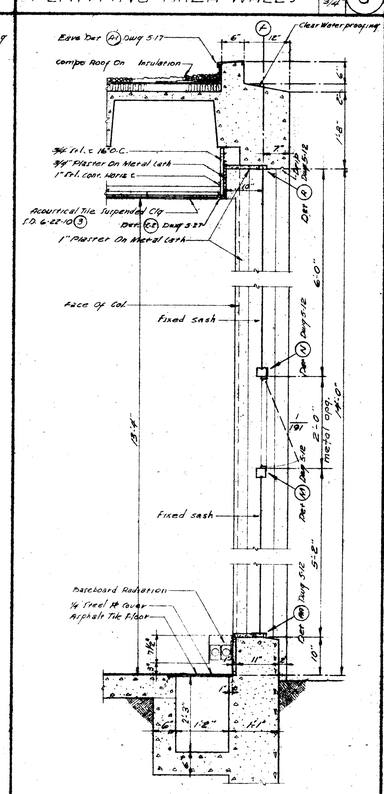

SECTION THRU FAN ROOM No 1 — Scale 3/4" — E



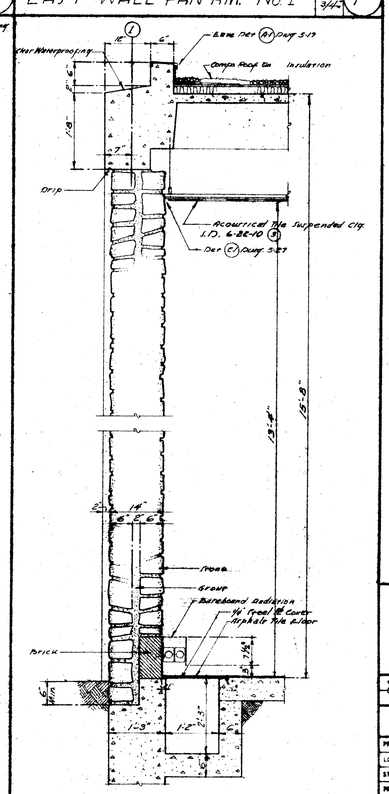

NORTH WALL LOBBY — Scale 3/4" — D




WEST WALL-LIBRARY — Scale 3/4" — C




WEST WALL-LIBRARY — Scale 3/4" — B




NORTH WALL-LIBRARY — Scale 3/4" — A

NOTE:
For pipe trench details see dwg 5-3G & floor plan



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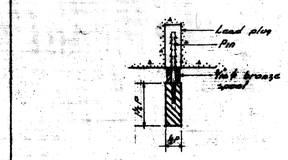
LOS ANGELES, CALIFORNIA
ROBERT W. DITZEN
ASSOCIATE ARCHITECT
BOULDER, COLORADO

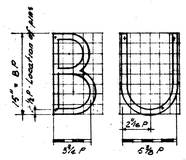
| | | | |
|---|---|---|---|
| "MB" | "S" | "SP" | "DD" | "AD" |

PUBLIC BUILDINGS SERVICE
GENERAL SERVICES ADMINISTRATION, WASHINGTON, D.C.

| | | | |
|---|---|---|---|
| PROJECT | ROCKY MTN. LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO | 8-044 | FILE NO. | |
| DRAWN BY | E. J. J.M. | 2-22-52 | CHECKED BY E.M.S. |
| DRAWING TITLE | WALL SECTIONS | | |
| | ARCHITECTURAL | | |
| DRAWING NO | B-20032 5-5 | | |




TYPICAL SECTION (C-2)

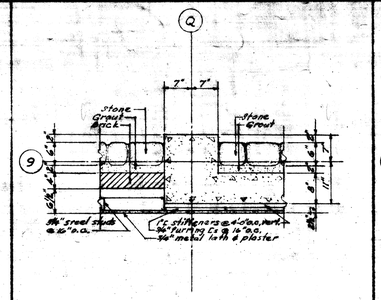



Note: 1 Part = 16"/8

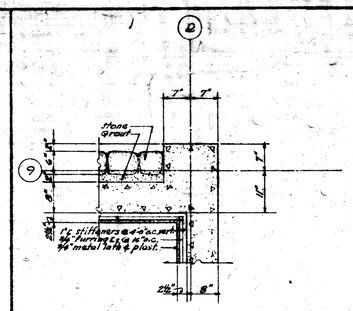
Note: Final name of Building to be determined at later date. Contractor to provide 50 letters.

ELEVATION (C-1)

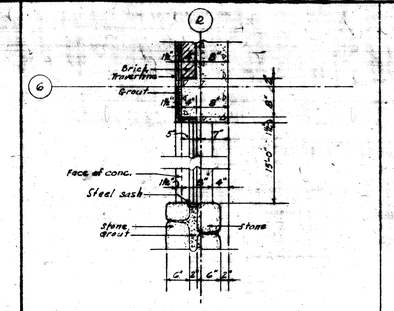
TYP. BRONZE LETTER DET. No Scale (C)



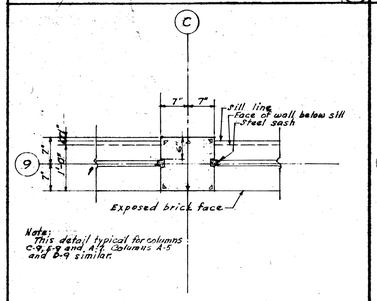

PLAN OF COLUMN Q-9 (A-18)




PLAN OF COLUMN R-9 (A-17)

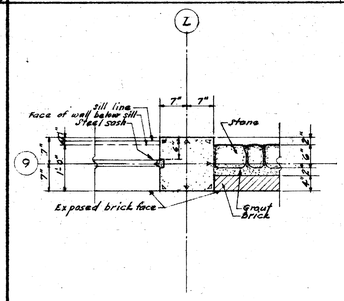



PLAN OF COLUMN R-6 (A-16)

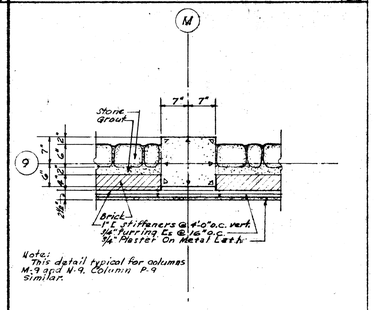



Note: This detail typical for columns C-9, F-9 and A-18. Columns A-5 and R-9 similar.

PLAN OF COLUMN C-9 (A-15)

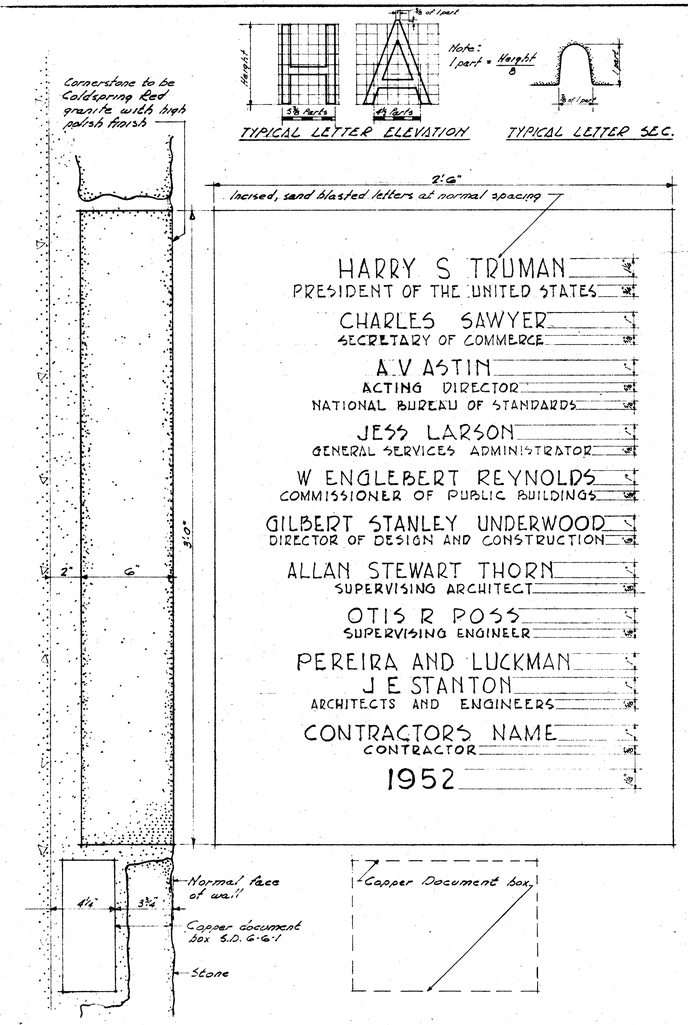



PLAN OF COLUMN L-9 (A-14)

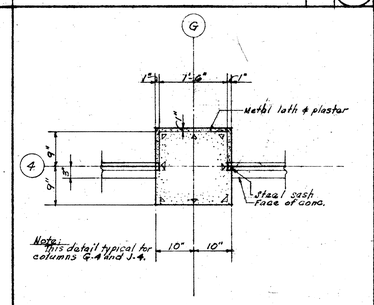



Note: This detail typical for columns M-9 and N-9. Column P-9 similar.

PLAN OF COLUMN M-9 (A-13)

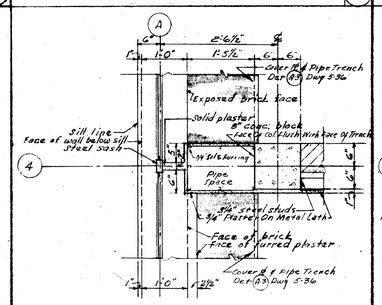



SECTION & ELEVATION OF CORNERSTONE (B) Scale 3"

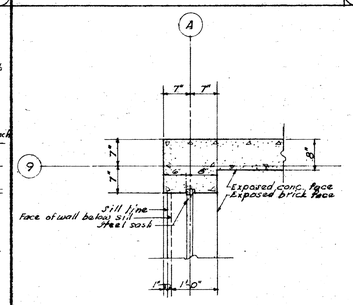



Note: This detail typical for columns G-4 and J-4.

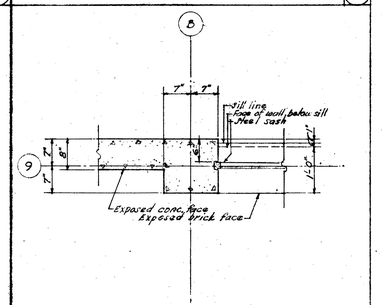
PLAN OF COLUMN G-4 (A-12)



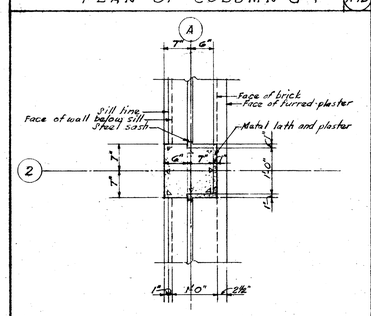

PLAN OF COLUMN A-4 (A-11)



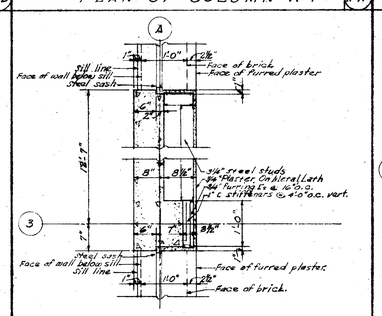

PLAN OF COLUMN A-9 (A-10)



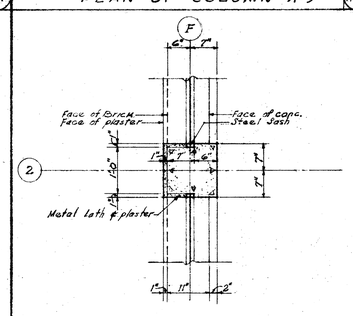

PLAN OF COLUMN B-9 (A-9)



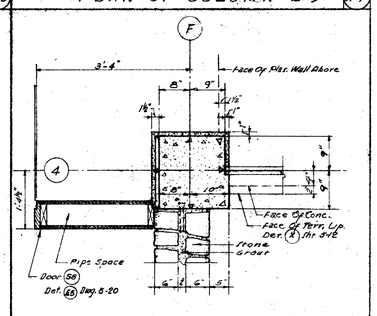

PLAN OF COLUMN A-2 (A-8)



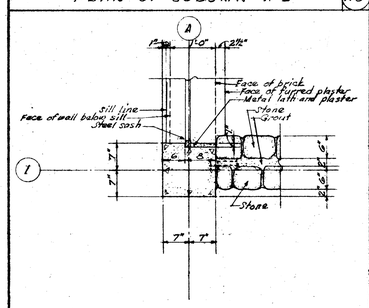

PLAN OF COLUMN A-3 (A-7)



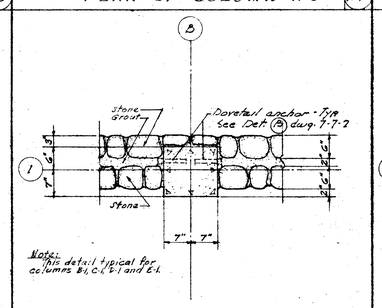

PLAN OF COLUMN F-2 (A-6)




PLAN OF COLUMN F-4 (A-5)

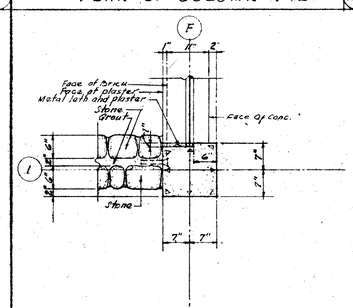



PLAN OF COLUMN A-1 (A-4)

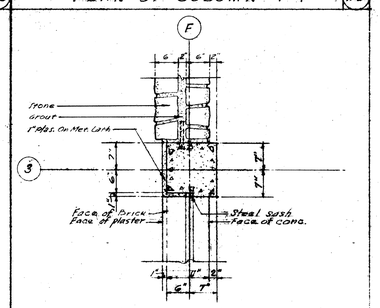



Note: This detail typical for columns B-1, C-1, D-1 and E-1.

PLAN OF COLUMN B-1 (A-3)




PLAN OF COLUMN F-1 (A-2)




PLAN OF COLUMN F-3 (A-1)

DETAILS OF COLUMNS AT ENTRANCE LEVEL Scale 3/4" (A)

Note: For typical dovetail anchor of stone to concrete see Det. (B) dwg. 7-7-2.



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ASSOCIATE ARCHITECT
BOULDER, COLORADO

| | | | | |
|---|---|---|---|---|
| 3/4" | 3/4/52 | 3-28-52 | 6/25/52 | 3-28-52 |
| "M5" | "S" | "SP" | "DD" | "AD" |

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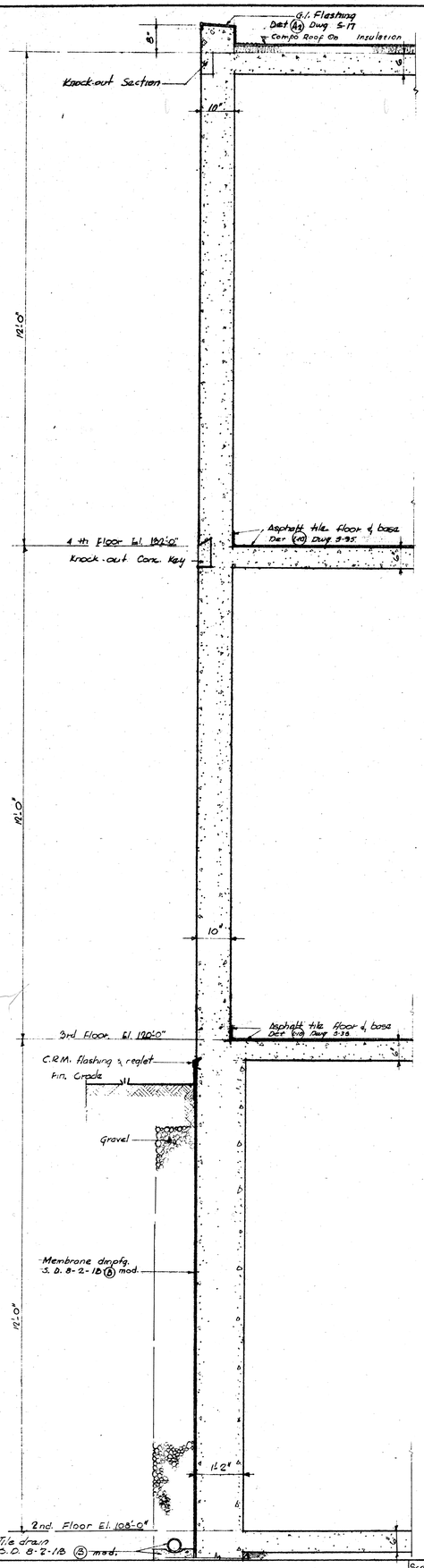
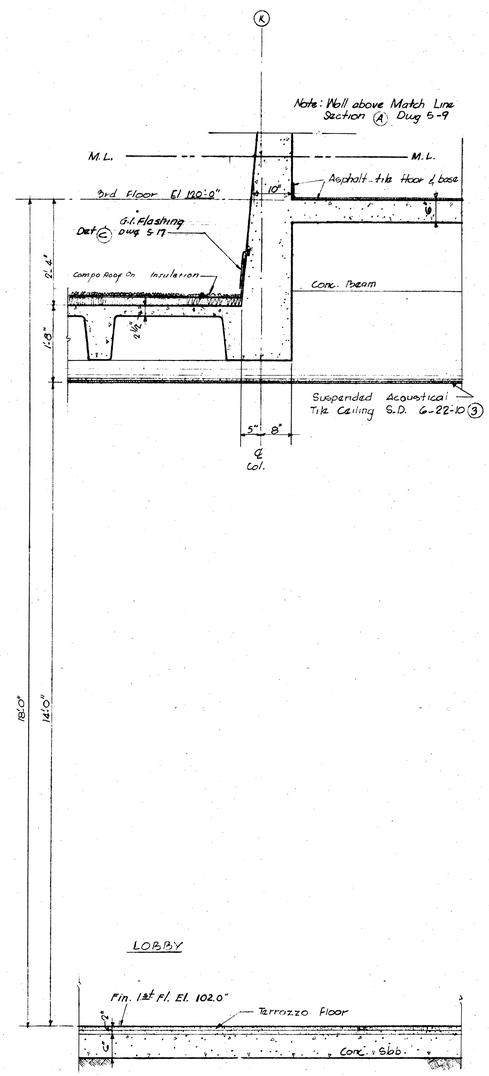
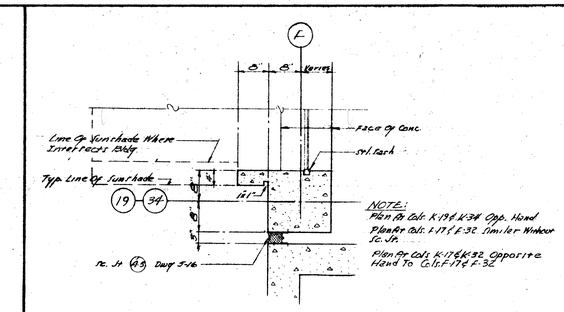
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | S-044 | FILE NO. | |
| DRAWN BY | V.L.B., J.M.L.T. | 3-22-52 | CHECKED BY E.M.S. |
| DRAWING TITLE | EXTERIOR DETAILS | | |
| | ARCHITECTURAL | | |
| DRAWING NO. | B20033 5-6 | | |



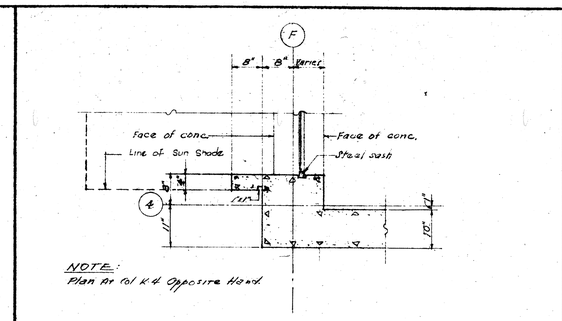

SECTION - SOUTH END CENTRAL UNIT — Scale 3/4" — D



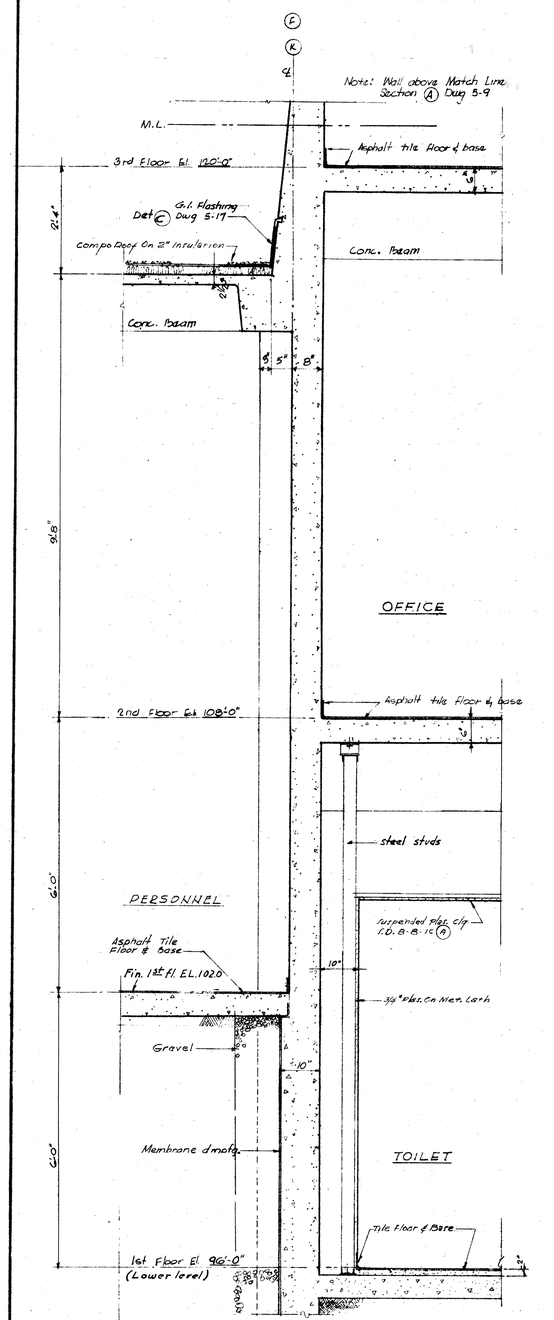

SECTION — COL K-4 TO K-6 — Scale 3/4" — C



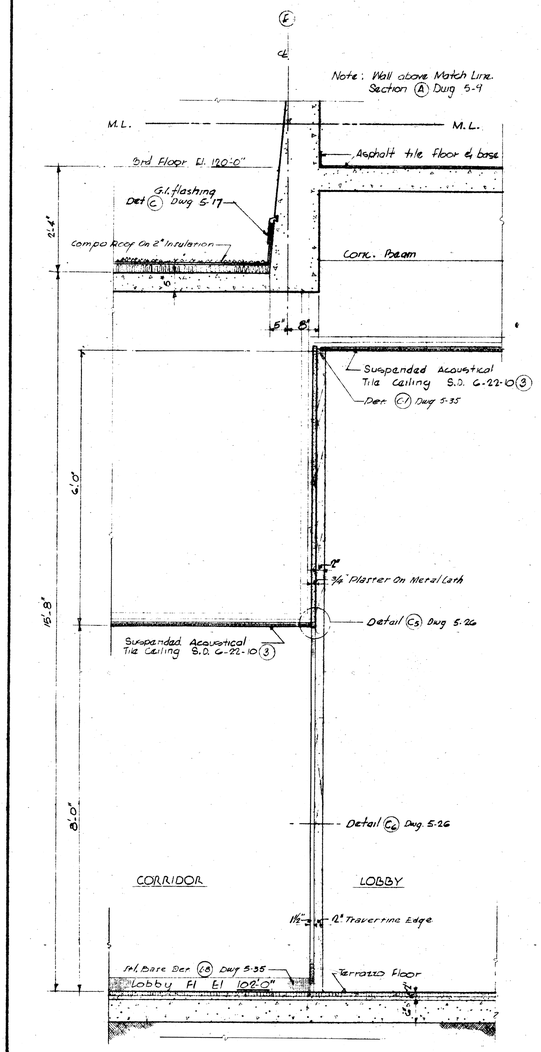

PLAN OF COL. F-19 AT 3RD & 4TH FLRS. & COL F-34 AT 4TH FLR — Scale 3/4" — F




PLAN OF COL F-4 AT 3RD & 4TH FLRS — Scale 3/4" — E




SECTION — COL. F-8 TO F-9 & K-8 TO K-9 — Scale 3/4" — B




SECTION — COL. F-4 TO F-5 — Scale 3/4" — A



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BOULDER, COLORADO

| | | | | |
|---|---|---|---|---|
| 9-14-53 "MB" | 3-4-54 "S" | 11-24-54 8-25-55 "SP" | CHECKED BY "DD" | APPROVED "AD" |

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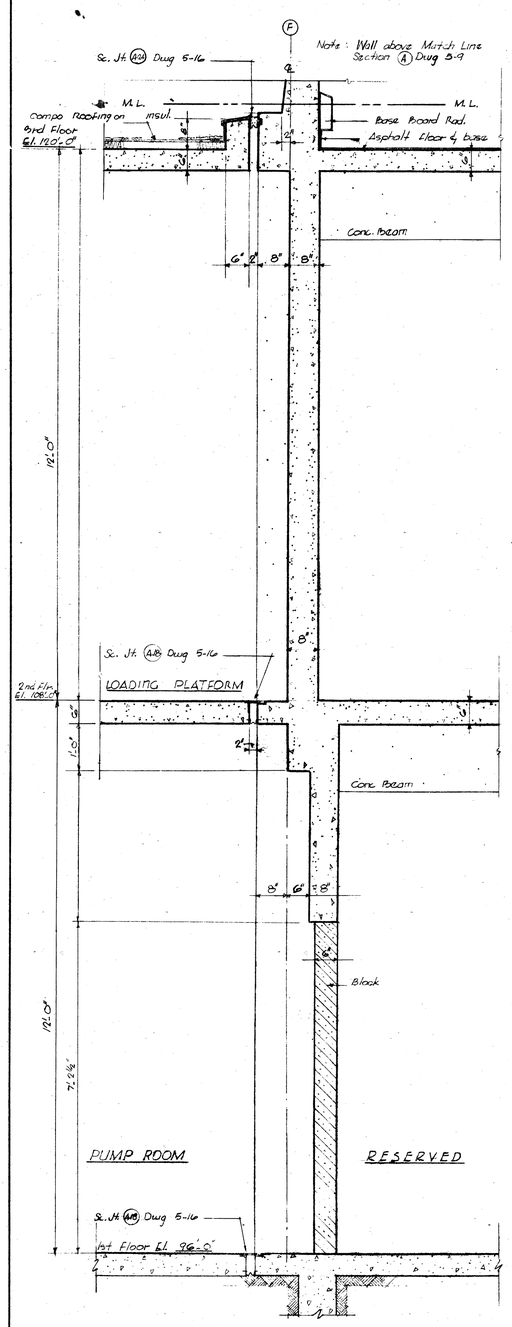
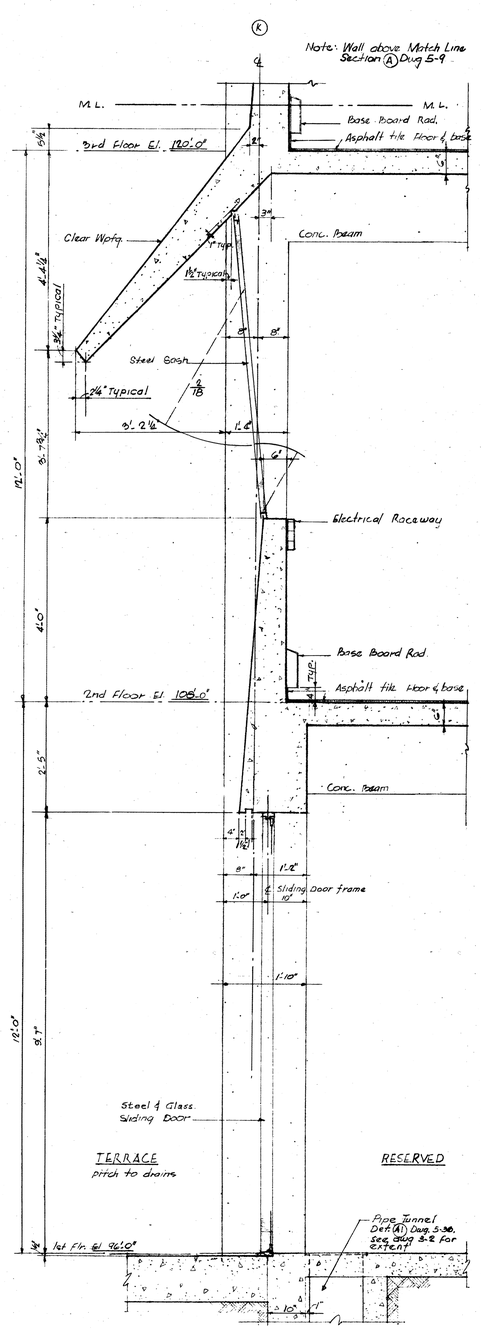
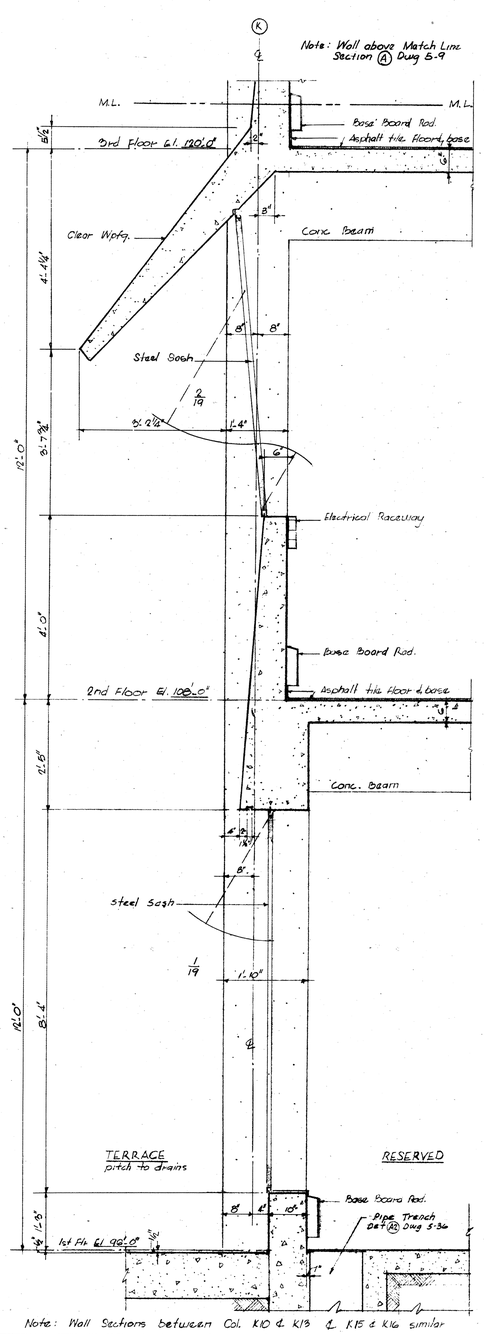
| PROJ. NO. | 8-044 | FILE NO. | |
| DRAWN BY | W.M. | 2-22-52 | CHECKED BY E.M.S. |
| DRAWING TITLE | WALL SECTIONS | | |
| | ARCHITECTURAL | | |
| DRAWING NO. | B20034 5-7 | | |




SECTION COL F16 TO F17 — Scale 3/4" — D

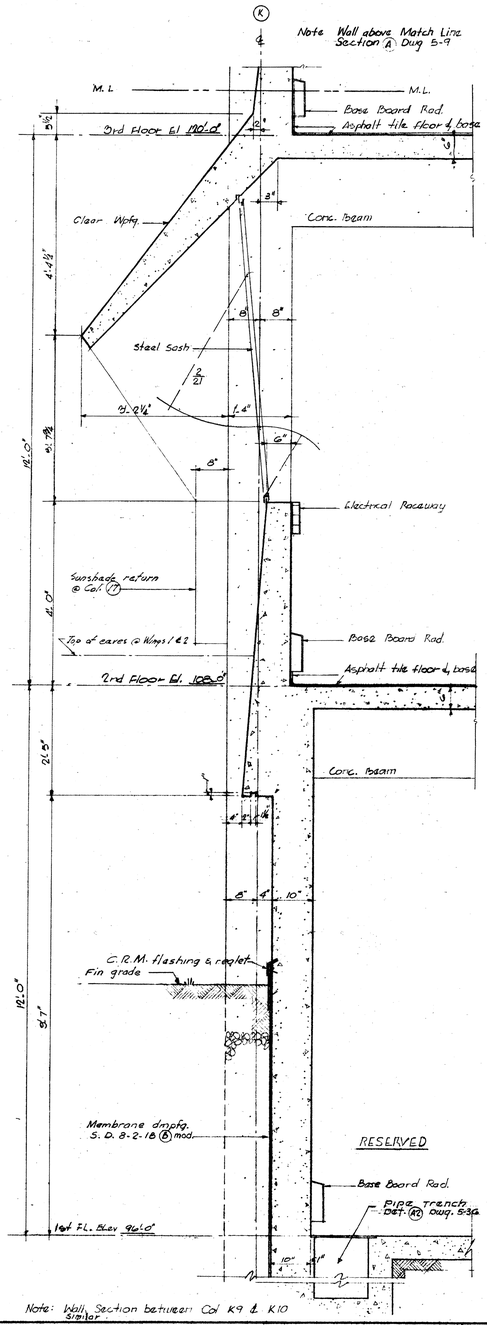



SECTION COL K13 TO K14 — Scale 3/4" — C




Note: Wall Sections between Col. K10 & K13 & K15 & K16 similar

SECTION COL. K-14 TO K15 — Scale 3/4" — B




Note: Wall Section between Col K9 & K10 similar

SECTION COL. K16 TO K17 — Scale 3/4" — A

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BOULDER, COLORADO

| "ME" | "S" | "SP" | "DD" | "AD" |
|---|---|---|---|---|
| | | | | |

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| PROJ. NO. | 5-044 | FILE NO. | |
| DRAWN BY | W.M. | 2-22-52 | CHECKED BY | R.M.S. |
| DRAWING TITLE | WALL SECTIONS | | |
| | ARCHITECTURAL | | |
| DRAWING NO. | B200355-8 | | |

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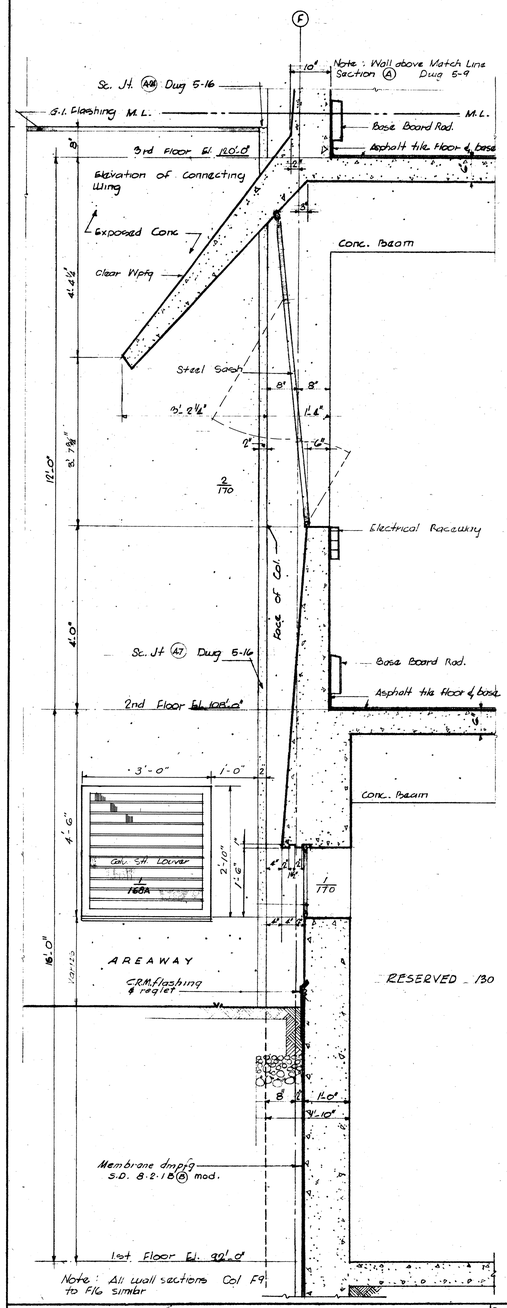
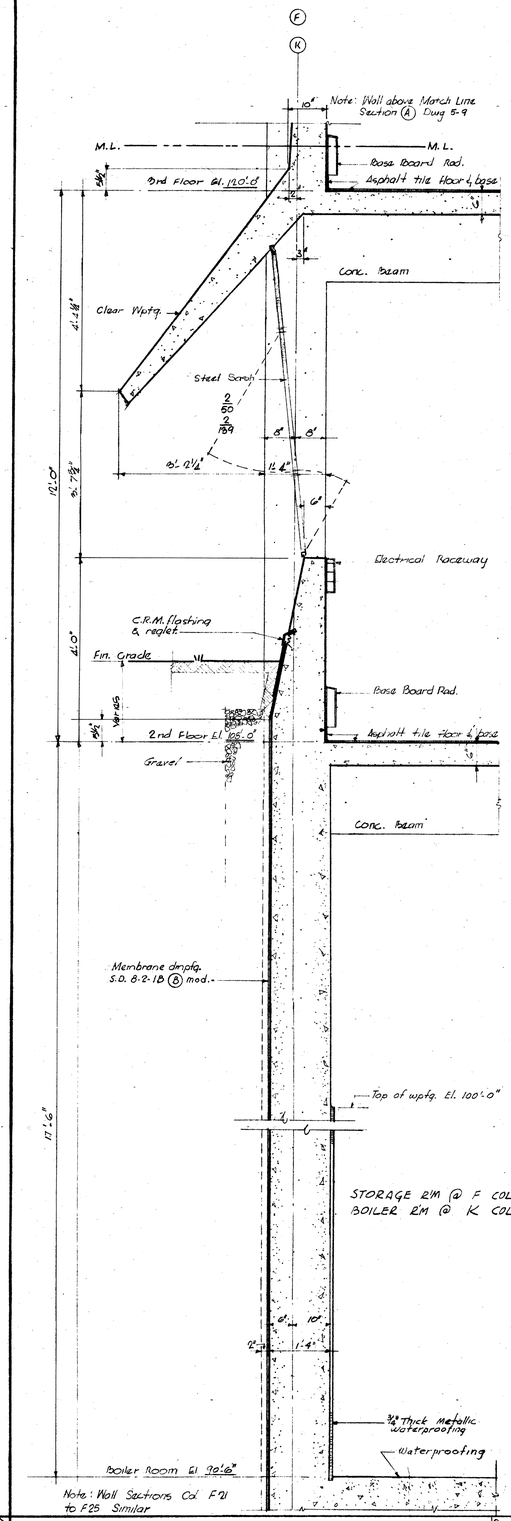
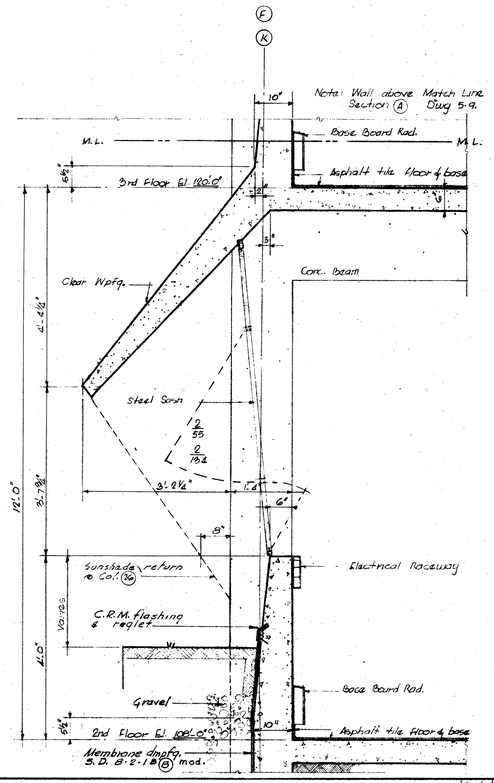


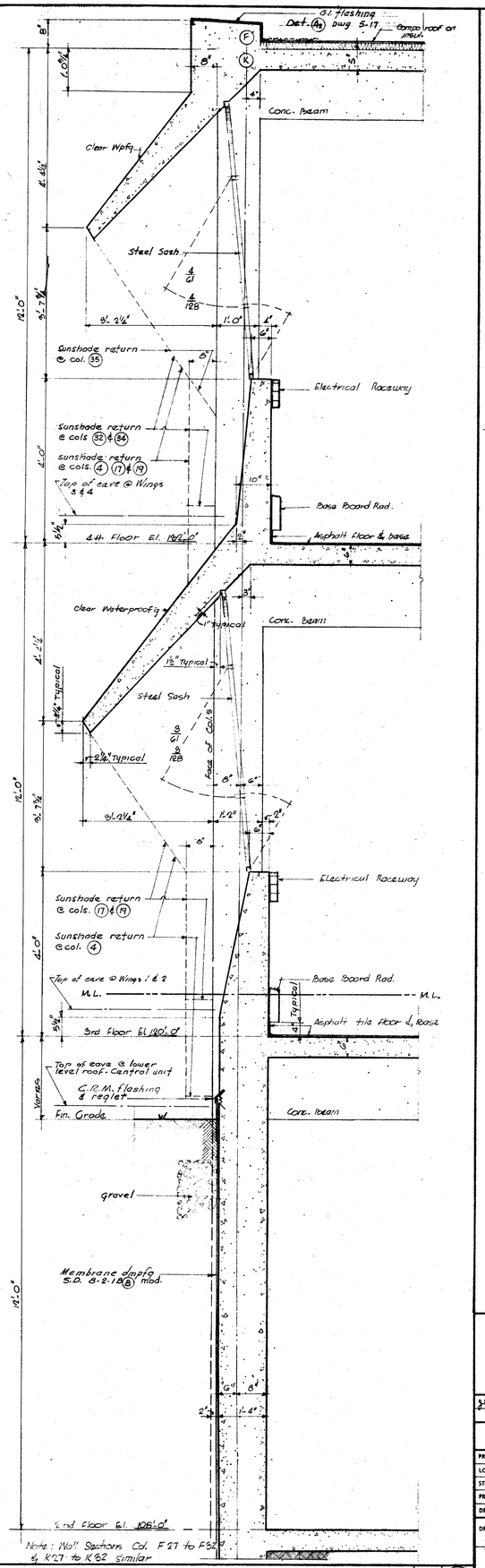

SECTION COL. F14 TO F15 Scale 3/4" (D)




SECTION COL. F20 TO F21 & K20 TO K21 Scale 3/4" (C)




SECTION COL F25 TO F26 & K25 TO K26 Scale 3/4" (B)




SECTION COL. F31 TO F32 & K31 TO K32 Scale 3/4" (A)

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| "ME" | "S" | "SP" | "DD" | "AD" |
|---|---|---|---|---|
| 3-29-52 | | | | 2-26-52 |

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| LOCATION | BOULDER, COLORADO | | |
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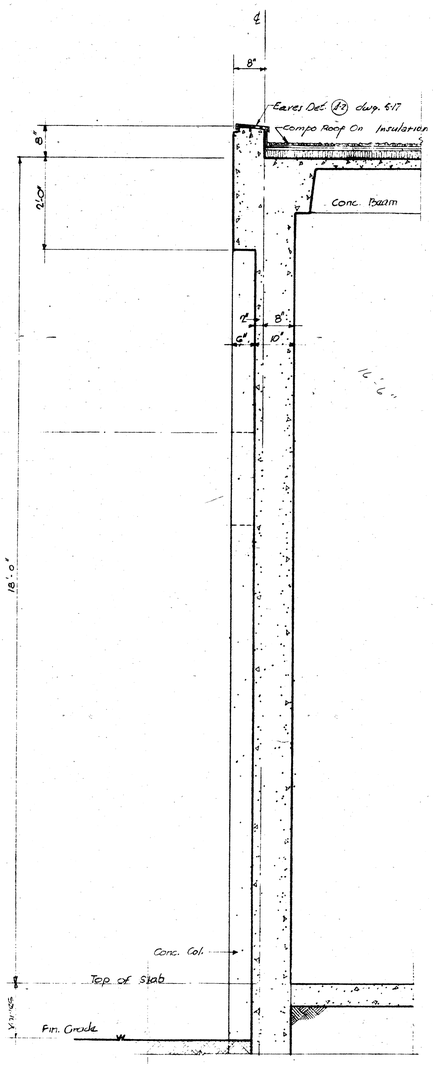
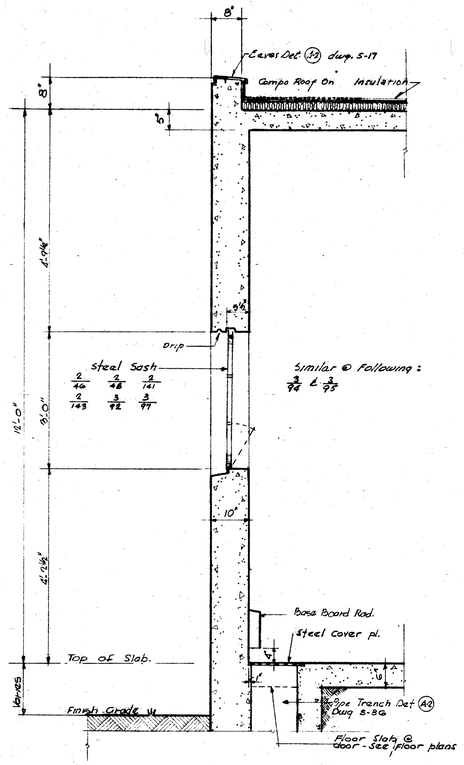
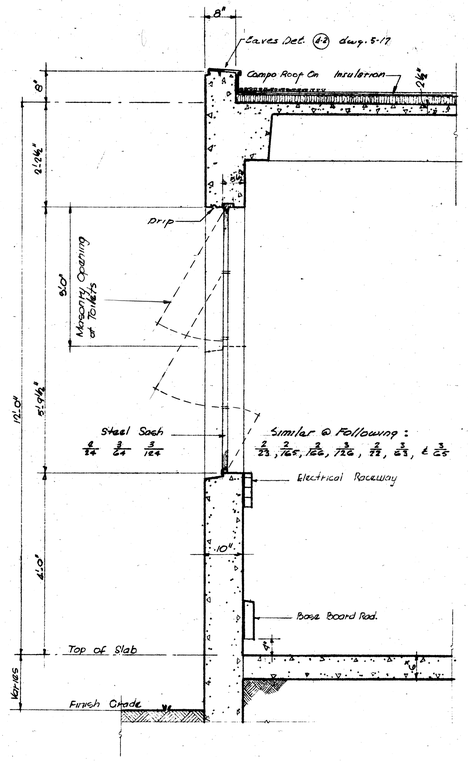
| PROJ. NO. | 5-044 | FILE NO. | |
| DRAWN BY | W.M. 2-22-52 | CHECKED BY | E.M.S. |
| DRAWING TITLE | WALL SECTIONS | | |
| | ARCHITECTURAL | | |
| DRAWING NO. | B200365 - 9B-20036 | | |



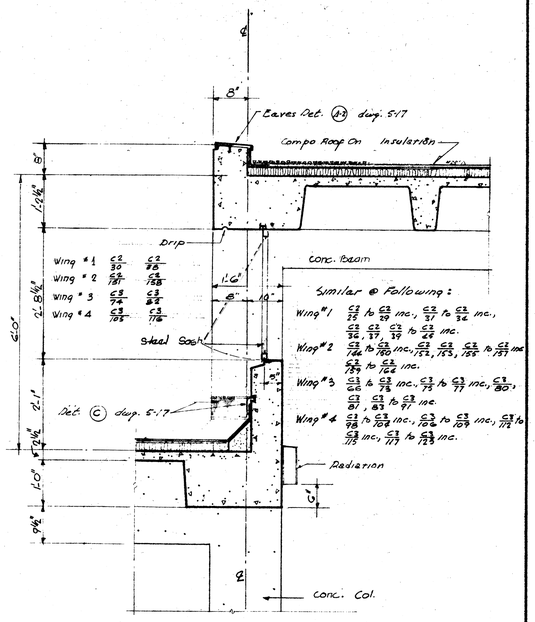

SECTION AT END OF WINGS — Scale 3/4" — (D)



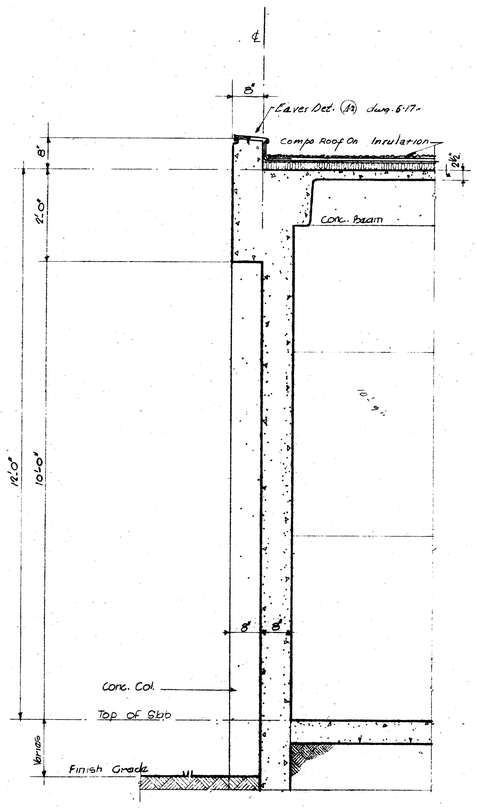

SECTION AT CONNECTING CORR. — Scale 3/4" — (G)



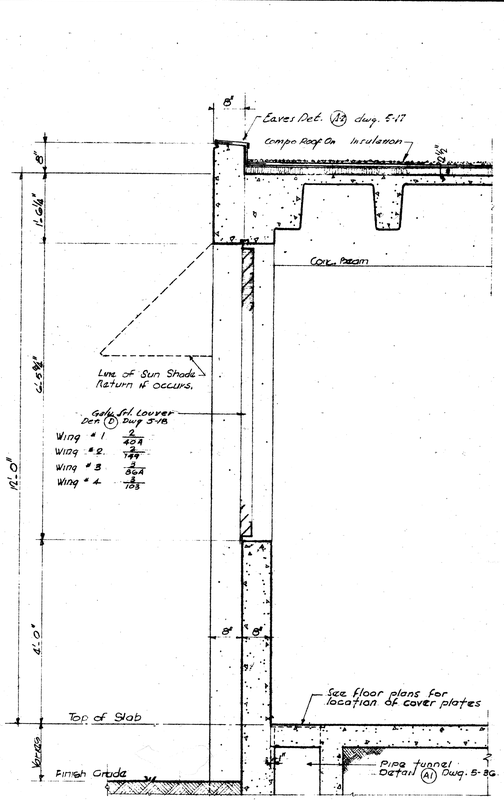

SECTION AT CONNECTING LAB. — Scale 3/4" — (F)



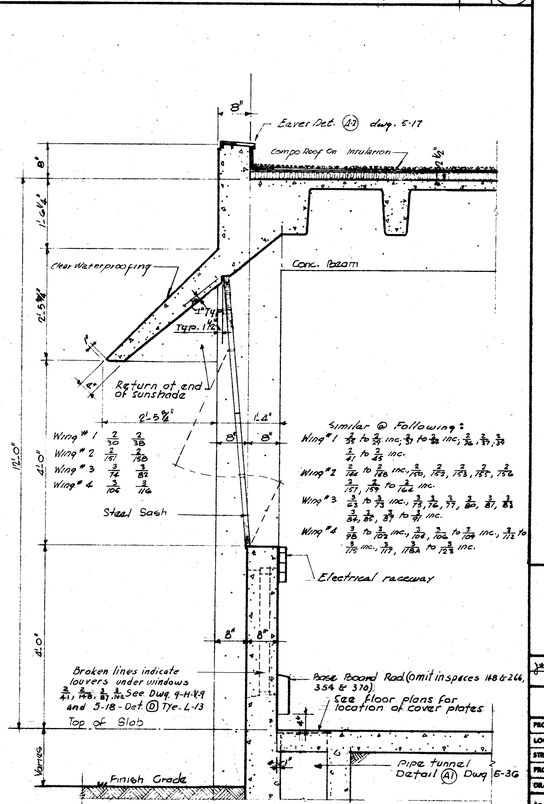

SECTION AT WING CLERESTORY — Scale 3/4" — (E)




SECTION AT END OF WINGS — Scale 3/4" — (C)




SECTION AT WING TRANS. ROOMS — Scale 3/4" — (B)




TYPICAL SECTION AT WING LAB. — Scale 3/4" — (A)

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| Issued 4-14-51 | Mar 3-24-51 | | REVISIONS | 2-4-52 |
| "MS" | "S" | "SP" | "DO" | "AD" |

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| PROJ. NO. | 8-044 | FILE NO. | |
| DRAWN BY | W.M. | 2-22-52 | CHECKED BY E.M.S. |
| DRAWING TITLE | WALL SECTIONS | | |
| | ARCHITECTURAL | | |
| DRAWING NO. | 5-10 B-20037 | | |

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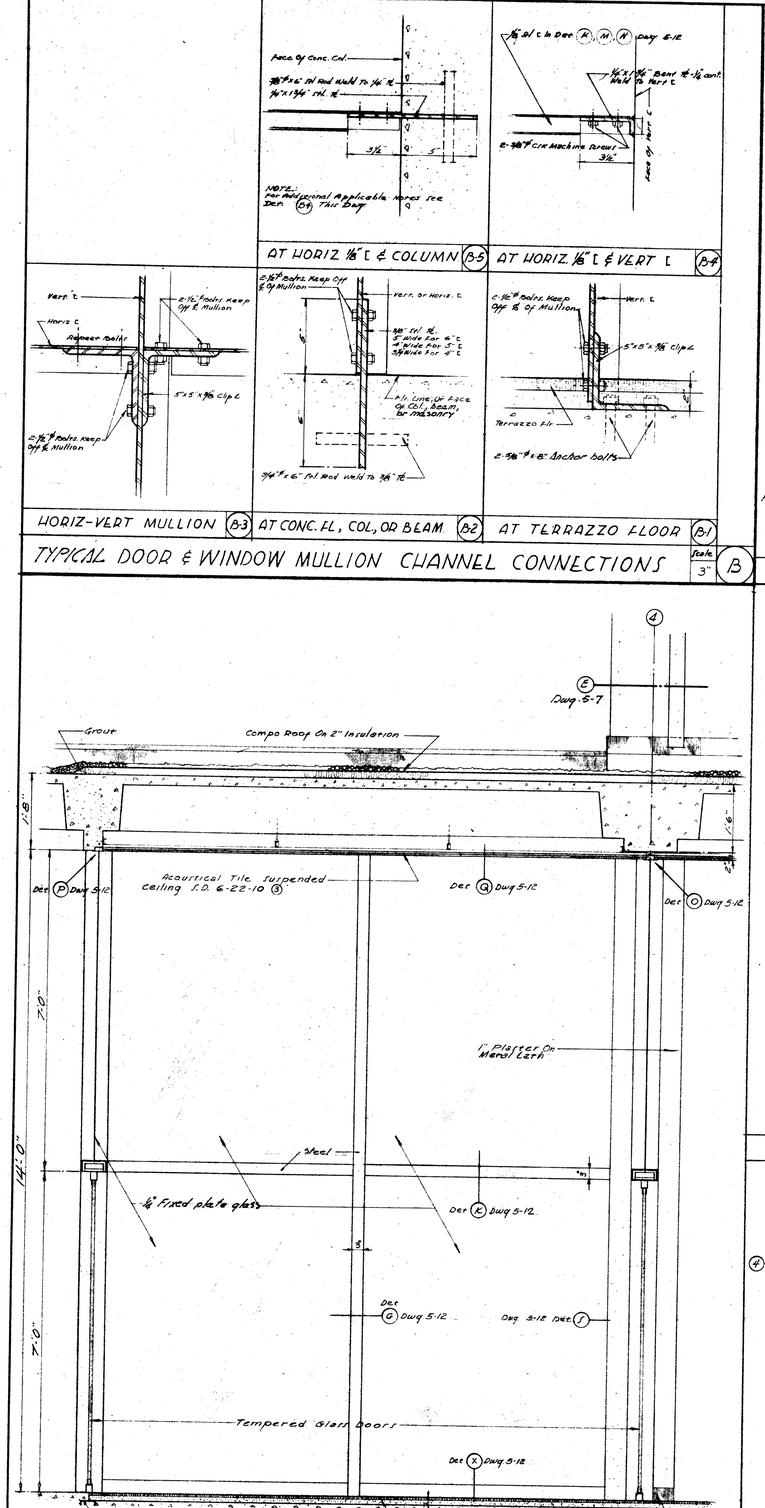



AT HORIZ. 1/16" [ & COLUMN (B-5)

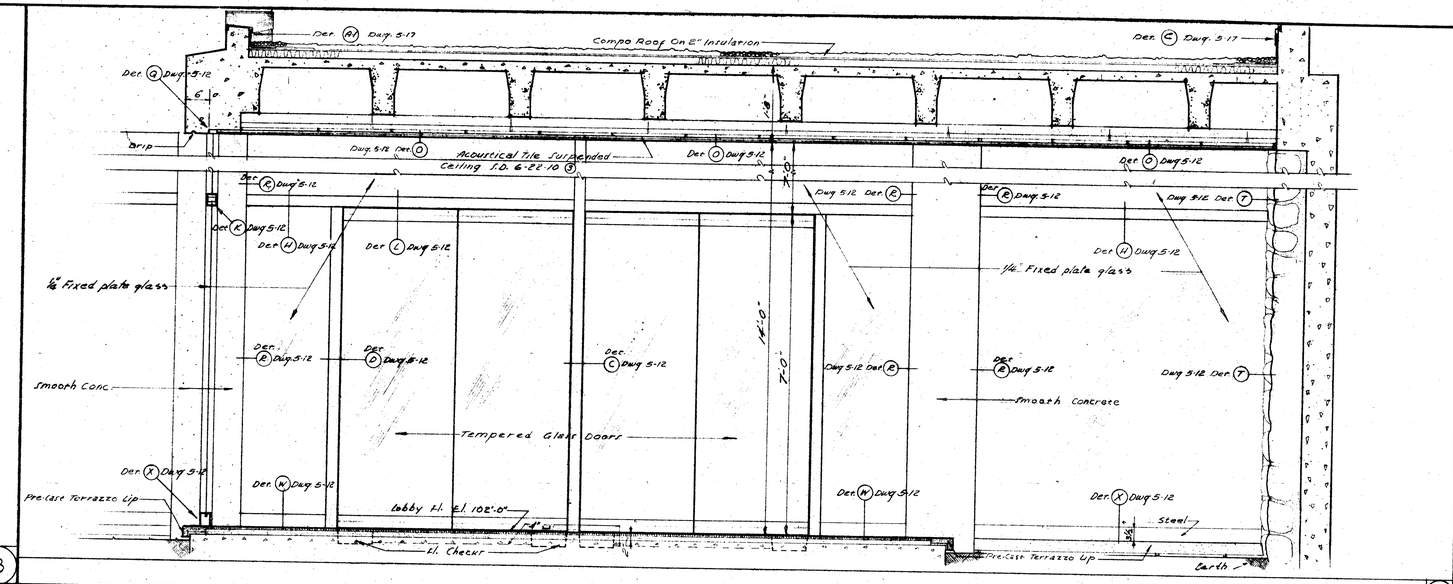
AT HORIZ. 1/16" [ & VERT [ (B-4)

HORIZ-VERT MULLION (B-3)

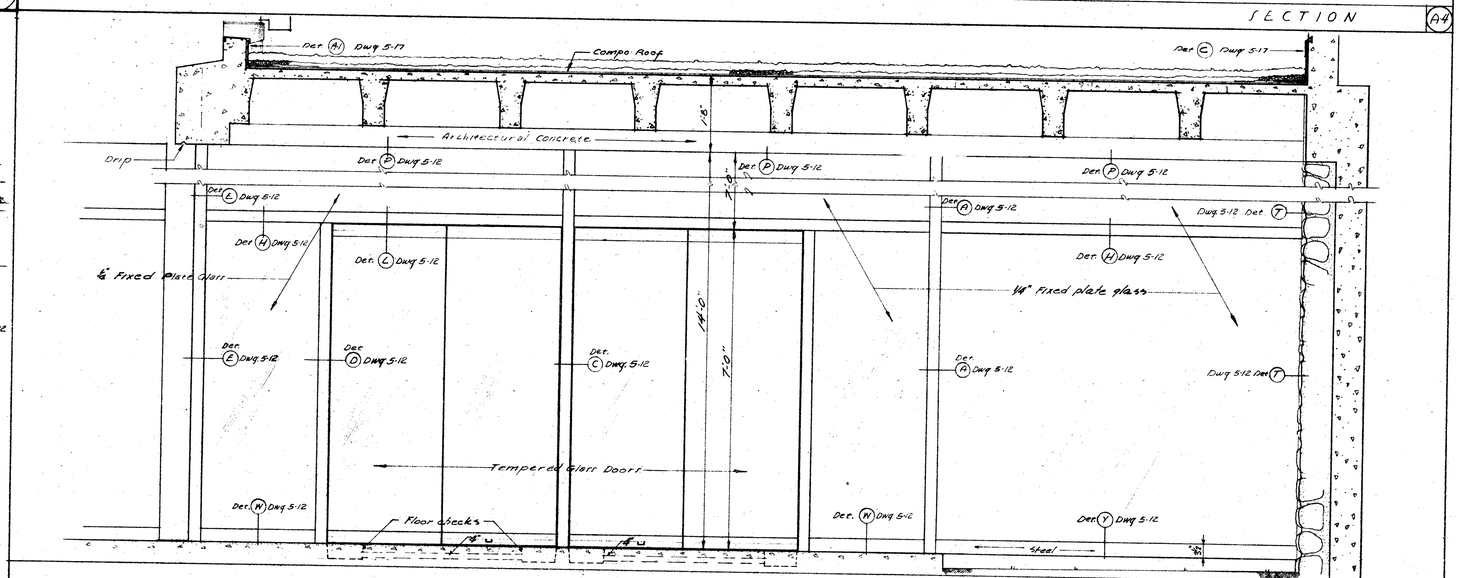
AT CONC. FL, COL, OR BEAM (B-2)

AT TERRAZZO FLOOR (B-1)

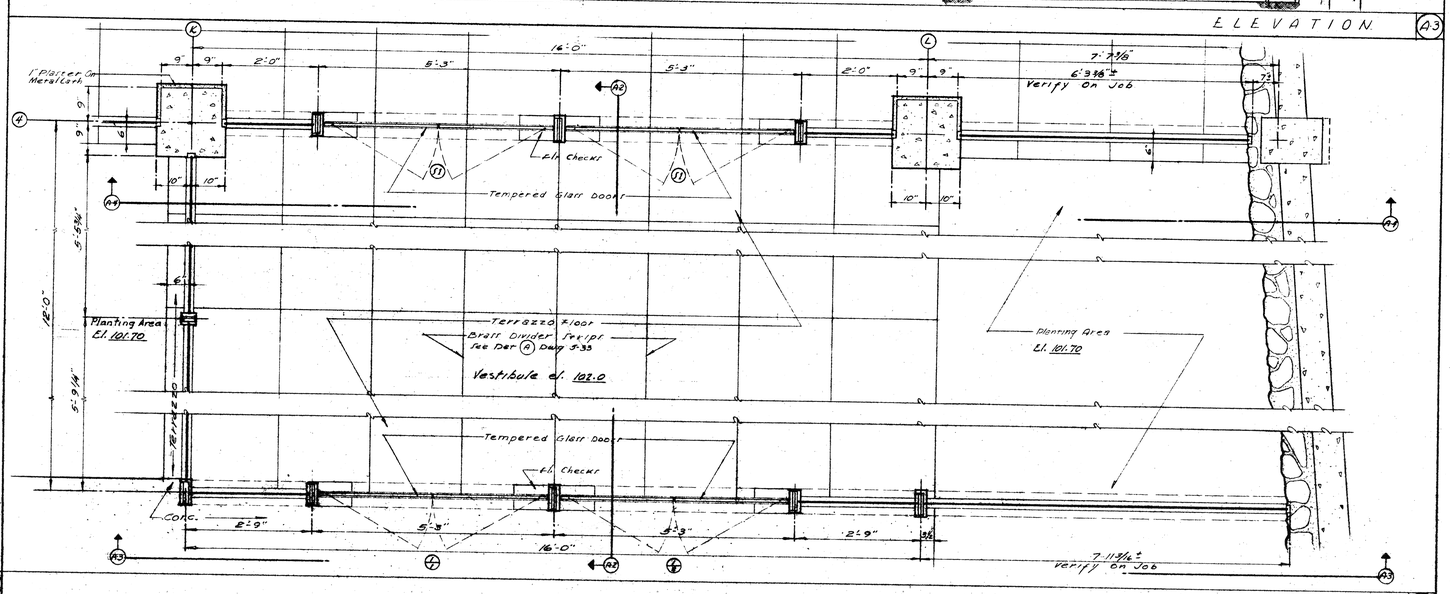
TYPICAL DOOR & WINDOW MULLION CHANNEL CONNECTIONS Scale 3" (B)




SECTION (A4)




ELEVATION (A3)




PLAN (A1)

LOBBY ENTRANCE Scale 3/4" (A)

MICROFILMED

MICROFILMED MAR 73 REC'D

PEREIRA & LUCKMAN
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ARCHITECTS AND ENGINEERS
LOS ANGELES, CALIFORNIA
ROBERT W. DITZEN
ASSOCIATE ARCHITECT
BOULDER, COLORADO

| | | | | |
|---|---|---|---|---|
| DWN 2-21-52 | JMS 3-26-51 | | CK'D 2-22-52 | APD 2-24-52 |
| "MF" | "S" | | "SP" | "DD" "AD" |

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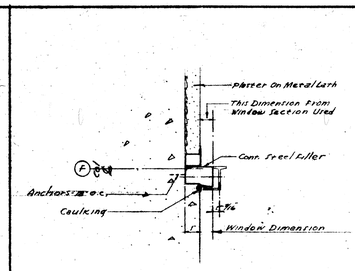
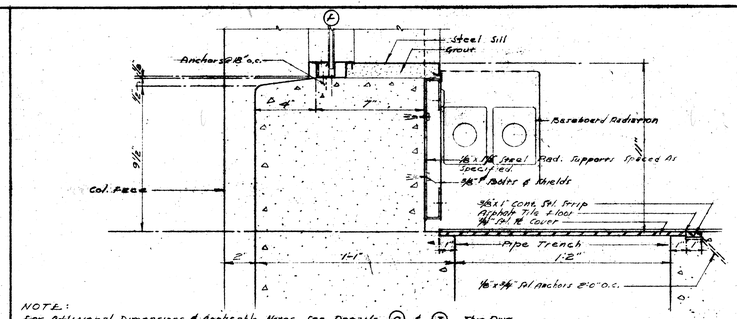
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | B-044 | FILE NO. | |
| DRAWN BY | J.M. 2-22-52 | CHECKED BY | M.M.S. |
| DRAWING TITLE | LOBBY ENTRANCE | | |
| | ARCHITECTURAL | | |
| DRAWING NO. | B20038 5-11 | | |



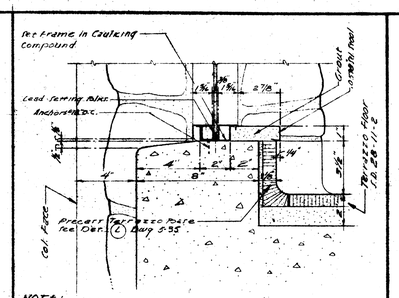

NOTE:
For Additional Dimensions & Applicable Notes
See Detail (O) This Dwg.

JAMB @ STL. SASH Scale 3" (BB)



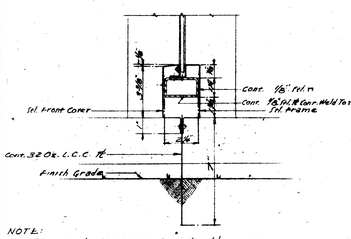

NOTE:
For Additional Dimensions & Applicable Notes See Details (O) & (Z) This Dwg.

SILL @ WINDOWS 1/191 & 1/192 Scale 3" (AA)



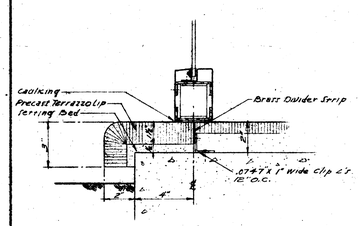

NOTE:
For Additional Applicable Notes See Detail (O) This Dwg.

SILL @ WINDOW 1/7 Scale 3" (Z)



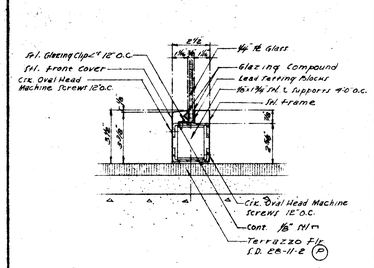

NOTE:
For Additional Dimensions & Applicable Notes
See Detail (W) This Dwg.

SILL SECTION Scale 3" (Y)



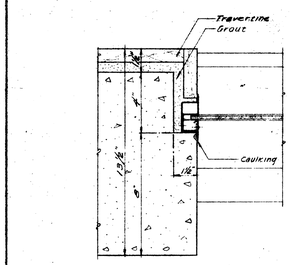

NOTE:
For Additional Dimensions & Applicable Notes
See Detail (W) This Dwg.

SILL SECTION Scale 3" (X)



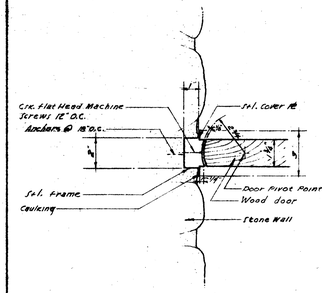

NOTE:
For Additional Dimensions & Applicable Notes
See Detail (O) This Dwg.

SILL SECTION Scale 3" (W)

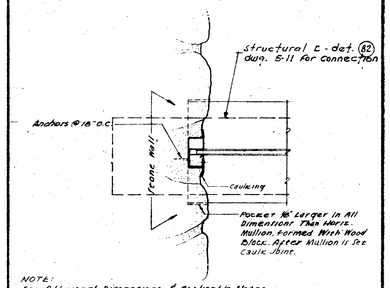



NOTE:
For Additional Dimensions & Applicable Notes
See Detail (O) This Dwg.

JAMB @ WINDOW 1/7 Scale 3" (V)

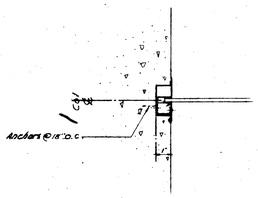



JAMB @ DOOR 1/6 Scale 3" (U)



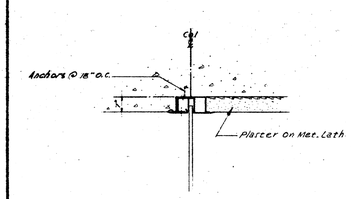

NOTE:
For Additional Dimensions & Applicable Notes
See Detail (O) This Dwg.

JAMB @ STONE WALL Scale 3" (T)



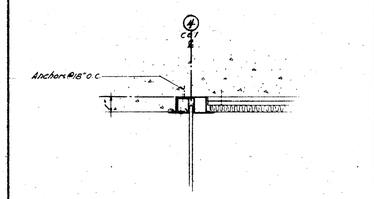

NOTE:
For Additional Dimensions & Applicable Notes
See Detail (O) This Dwg.

JAMB SECTION Scale 3" (S)



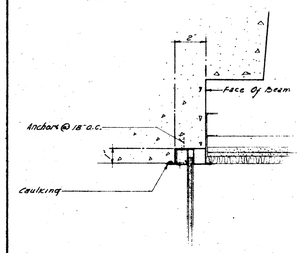

NOTE:
For Additional Dimensions & Applicable Notes
See Detail (O) This Dwg.

HEAD OR JAMB SECTION Scale 3" (R)



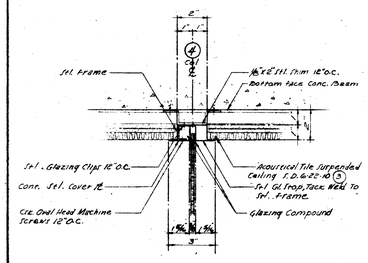

NOTE:
For Additional Dimensions & Applicable Notes
See Detail (O) This Dwg.

HEAD SECTION Scale 3" (Q)

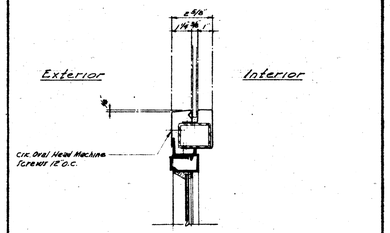



NOTE:
For Additional Dimensions & Applicable Notes
See Detail (O) This Dwg.

HEAD SECTION Scale 3" (P)

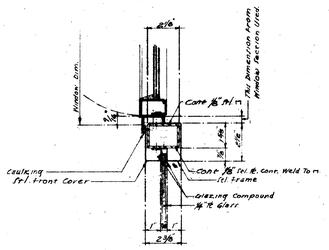



HEAD SECTION Scale 3" (O)

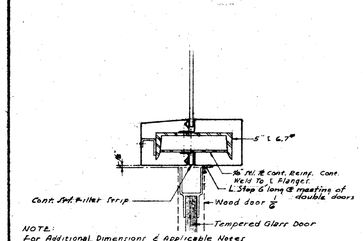



NOTE:
For Additional Dimensions & Applicable Notes
See Detail (M) This Dwg.

HORIZ. MULLION @ STL. SASH Scale 3" (N)

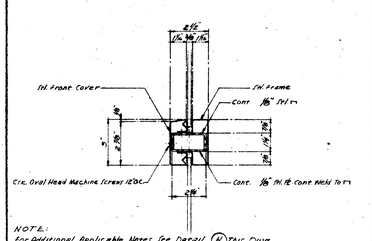



HORIZ. MULLION @ STL. SASH Scale 3" (M)



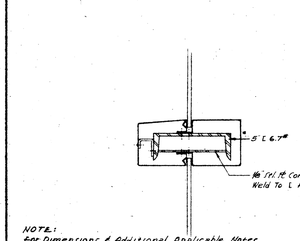

NOTE:
For Additional Dimensions & Applicable Notes
See Detail (H) This Dwg.

HORIZ. MULLION @ DOOR Scale 3" (L)



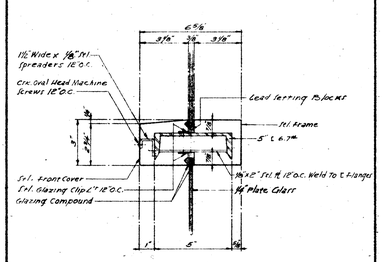

NOTE:
For Additional Applicable Notes See Detail (H) This Dwg.

HORIZONTAL MULLION Scale 3" (K)

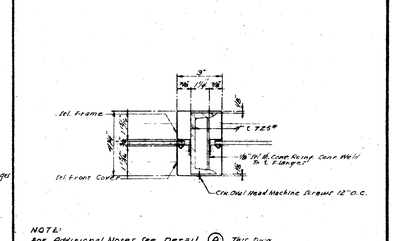



NOTE:
For Dimensions & Additional Applicable Notes
See Detail (H) This Dwg.

HORIZONTAL MULLION Scale 3" (J)

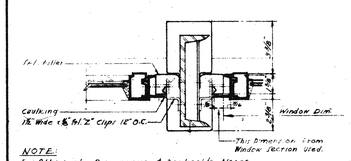



TYP. HORIZ. MULLION Scale 3" (H)



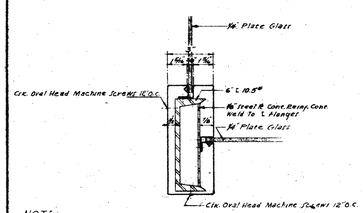

NOTE:
For Additional Notes See Detail (A) This Dwg.

VERTICAL MULLION Scale 3" (G)



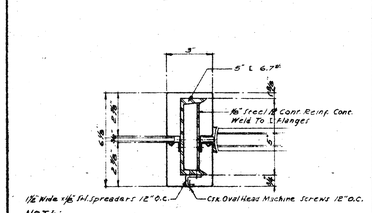

NOTE:
For Additional Dimensions & Applicable Notes
See Detail (A) This Dwg.

VERT. MULLION @ STL. SASH Scale 3" (F)



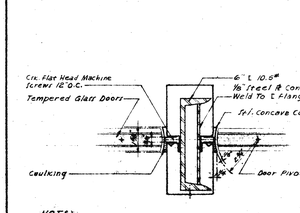

NOTE:
For Additional Dimensions & Applicable Notes
See Detail (A) This Dwg.

CORNER POST @ VESTIBULE Scale 3" (E)



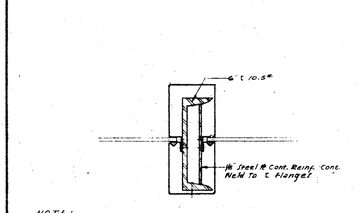

NOTE:
For Additional Dimensions & Applicable Notes
See Details (A) & (C) This Dwg.

VERT. MULL @ DOOR & FIXED GLASS Scale 3" (D)



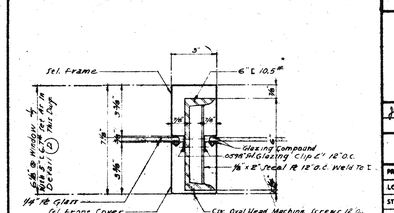

NOTE:
For Additional Dimensions & Applicable Notes
See Detail (A) This Dwg.

VERT. MULL. BETWEEN DOORS Scale 3" (C)




NOTE:
For Dimensions & Additional Applicable Notes
See Detail (A) This Dwg.

VERTICAL MULLION Scale 3" (B)




TYPICAL VERTICAL MULLION Scale 3" (A)

Notes:
1. Anchors to masonry, unless otherwise shown, shall be 3/4" dia.
2. For anchorage of all steel channels see Det (A) dwg. 5-11



PEREIRA & LUCKMAN
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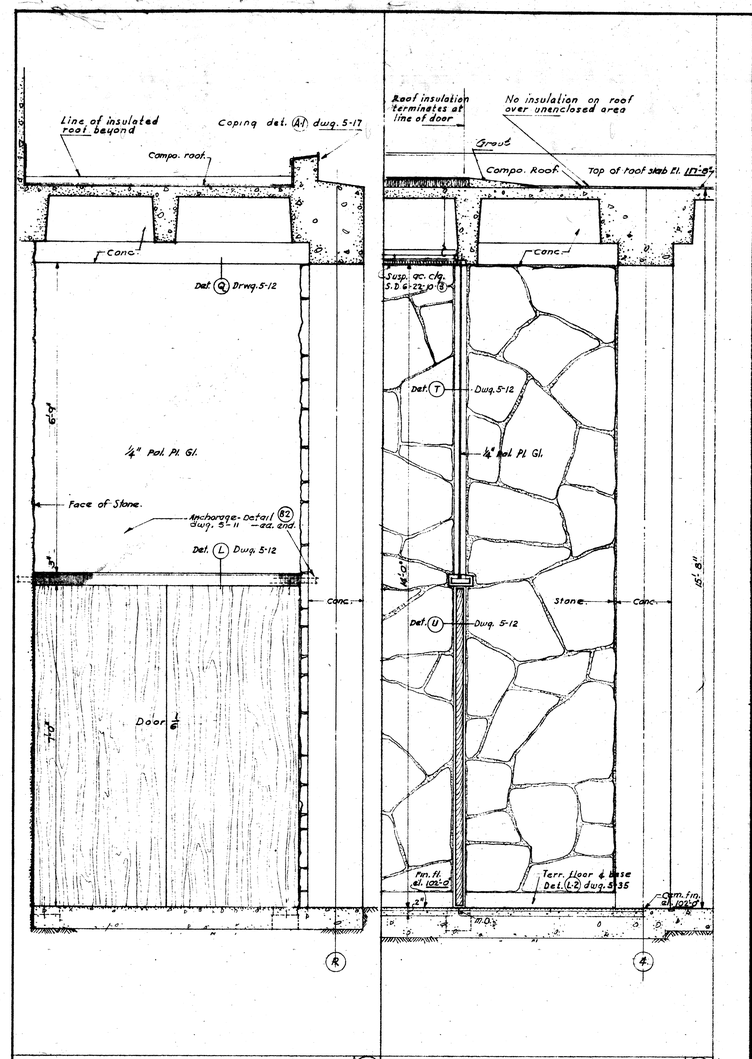
ARCHITECTS AND ENGINEERS
LOS ANGELES, CALIFORNIA
ROBERT W. DITZEN
ASSOCIATE ARCHITECT
BOULDER, COLORADO

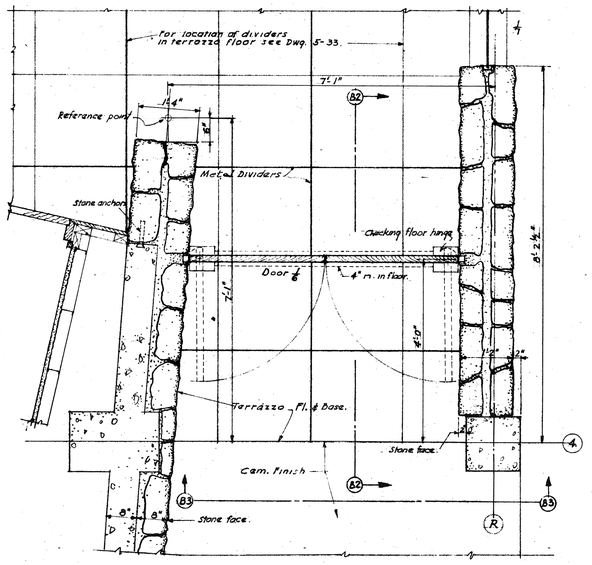
| "NE" | "S" | "SF" | "DD" | "AD" |
|---|---|---|---|---|
| JMS 3-14-52 | JMS 2-28-52 | | REVISED 3-10-52 | REVISED 2-28-52 |

PUBLIC BUILDINGS SERVICE
GENERAL SERVICES ADMINISTRATION, WASHINGTON, D. C.

| | | | |
|---|---|---|---|
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | 8-044 | FILE NO. | |
| DRAWN BY | J.M. | 2-22-52 | CHECKED BY E.M.S. |
| DRAWING TITLE | LOBBY ENTRANCE DETAILS | | |
| | ARCHITECTURAL | | |
| DRAWING NO. | B20039 5-12 | | |

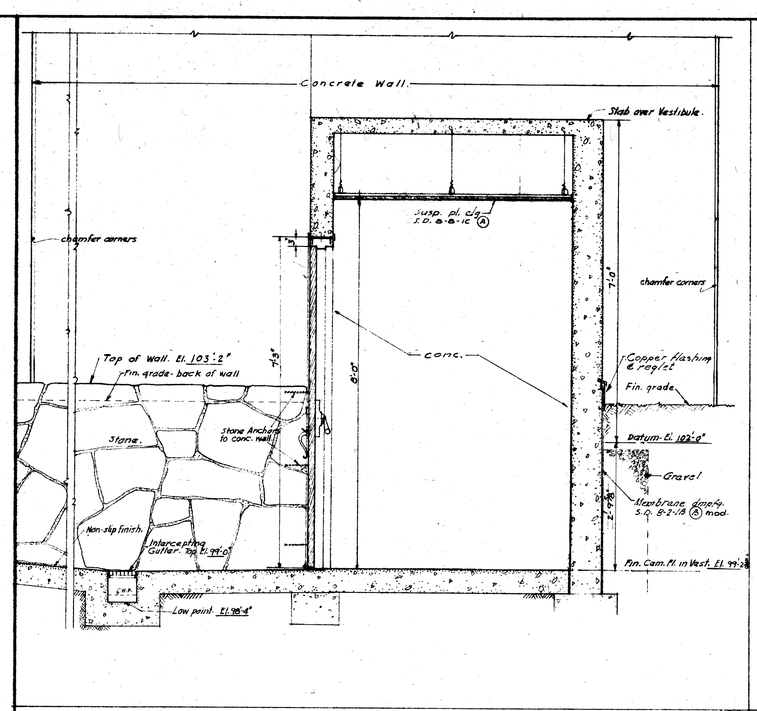



ELEVATION B3 SECTION B2

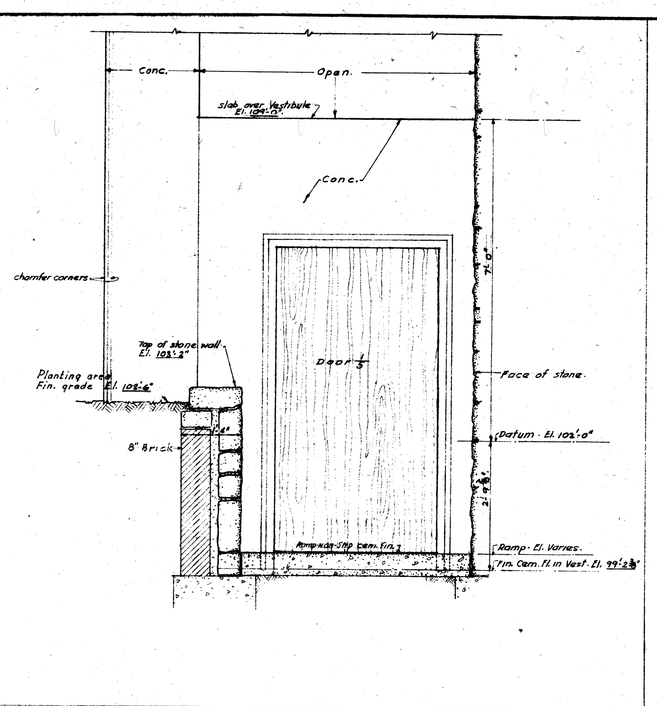



PLAN B1

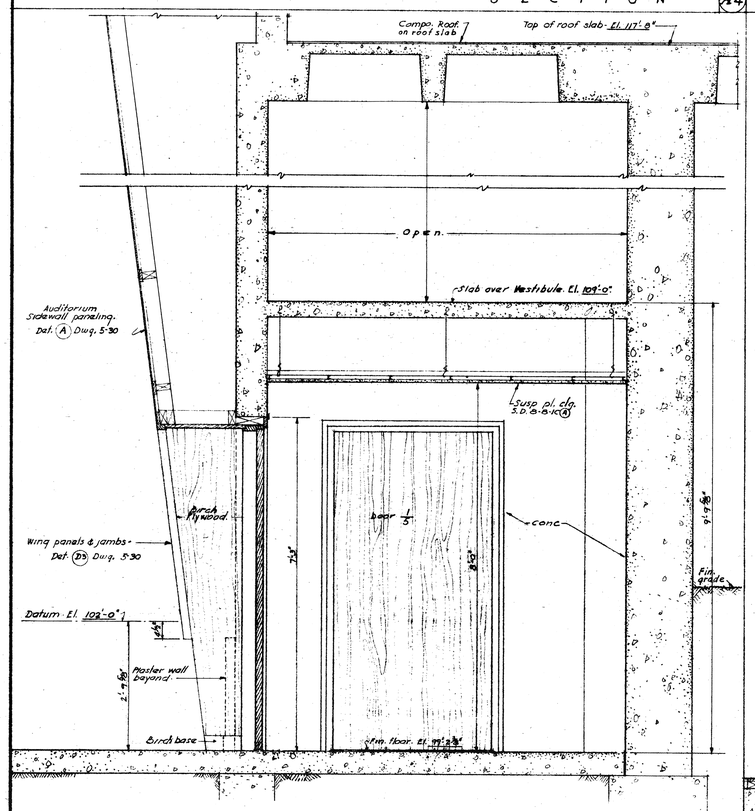
AUDITORIUM ENTRANCE - 1/6 SCALE 3/4" B



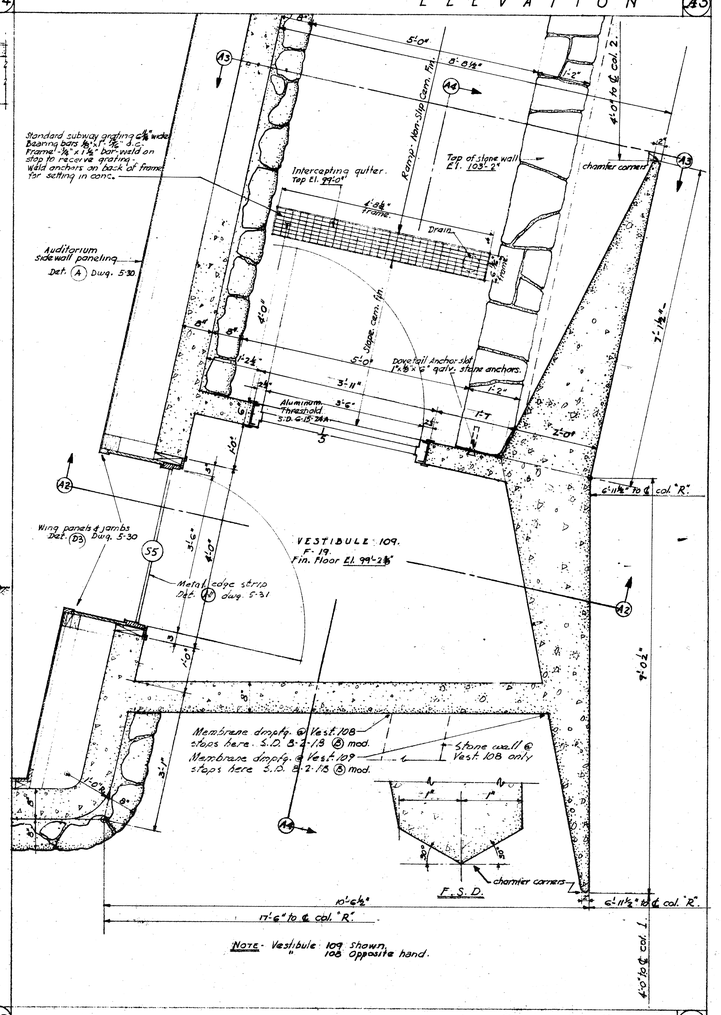

SECTION A4




ELEVATION A3




SECTION A2




Note: Vestibule 109 shown, " 108 opposite hand.

PLAN A1

AUDITORIUM VESTIBULES — 108 AND 109. SCALE 3/4" A

NOTE:

1. See detail (J) dwg. 5-36 for typical wood furring details.



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ROBERT W. DITZEN
ASSOCIATE ARCHITECT
BOULDER, COLORADO

| | | | | | |
|---|---|---|---|---|---|
| 1 | 3/14/83 | 3-24-83 | | RECAPITULATED | 3-24-83 |
| "MB" | "S" | "SP" | "DD" | "AD" | |

PUBLIC BUILDINGS SERVICE
GENERAL SERVICES ADMINISTRATION, WASHINGTON, D. C.

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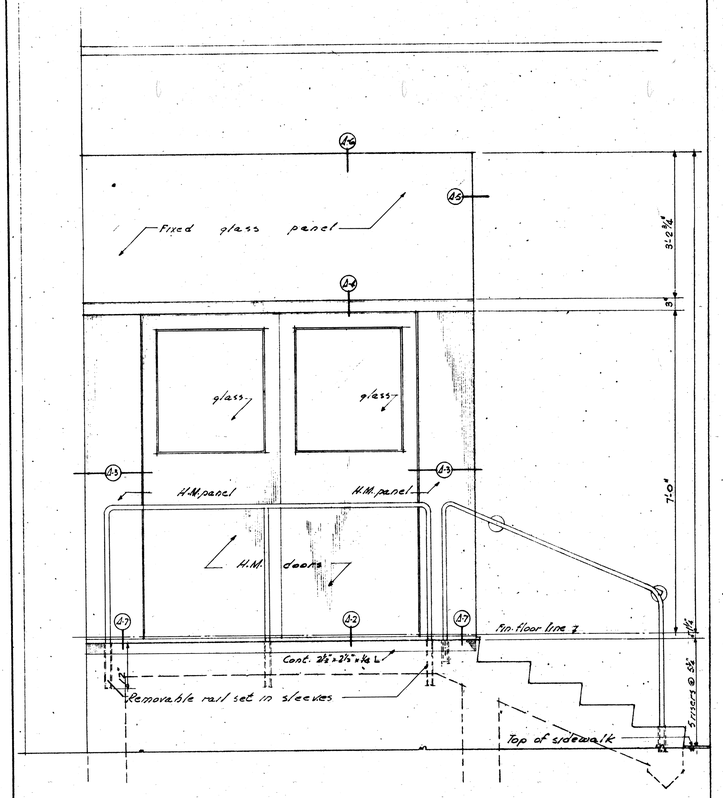
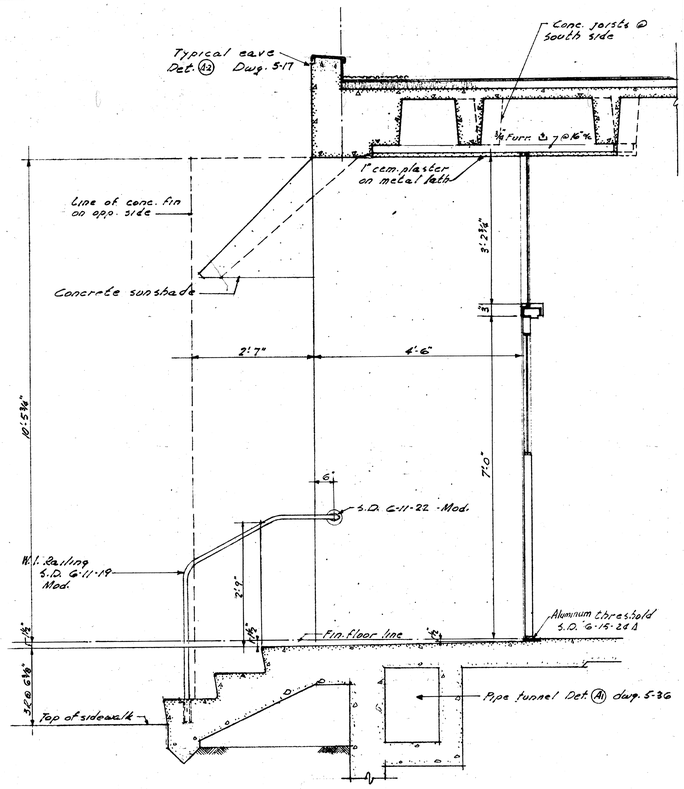
|---|---|---|---|
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | B-044 | FILE NO. | |
| DRAWN BY | E.C. | 2-22-82 | CHECKED BY E.M.S. |
| DRAWING TITLE | FOYER & AUDITORIUM ENTRANCES | | |
| B-20040 | ARCHITECTURAL | | |
| DRAWING NO. | 5-13 | | |



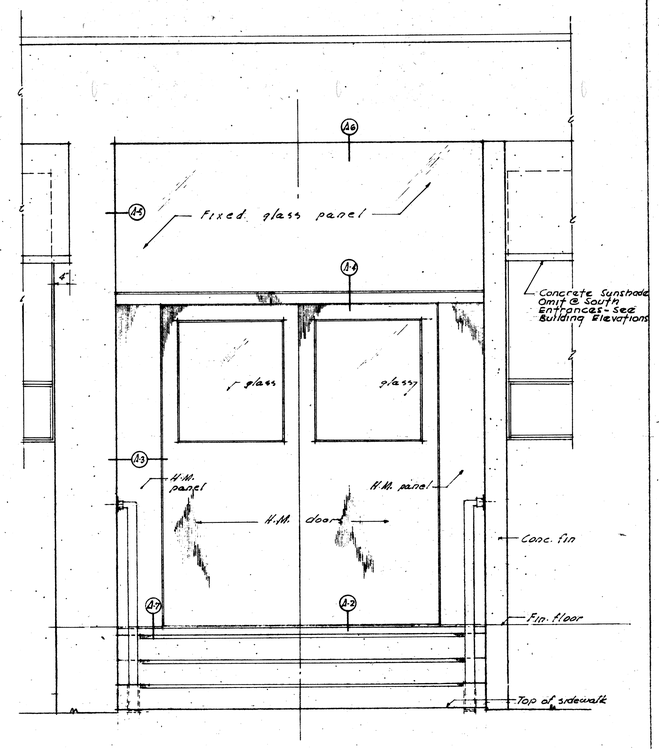

East entrance Wing 2 similar except opposite hand
For 3" scale details (A-2) thru (A-7) see this sheet.

ELEVATION - WEST ENTRANCE - WING #1 (B-2)



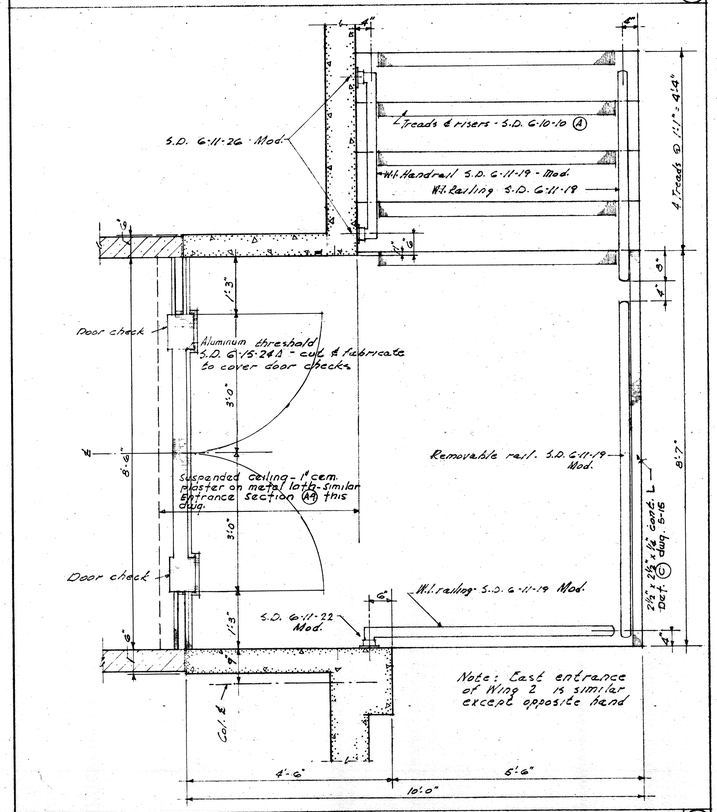

North entrance of Wing 4 --- as shown
North entrance of Wing 3 --- similar except opposite hand
South entrances of Wings 1, 2, 3, 4, similar except as noted

SECTION - NORTH ENTRANCE WING 4 Scale 3/4" (A-9)



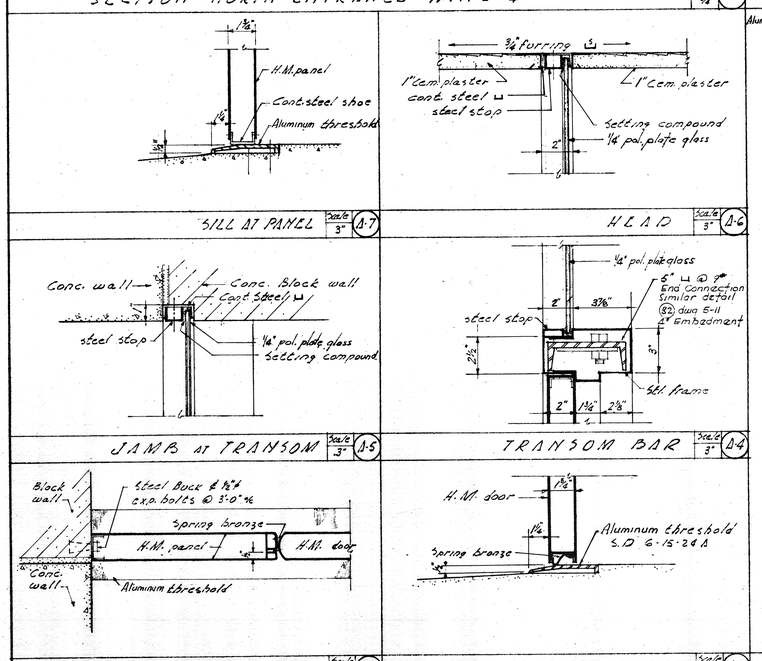

North entrance of Wing 4 --- as shown.
North entrance of Wing 3 --- similar except opposite hand
South entrances of Wings 1, 2, 3, & 4 similar except as noted

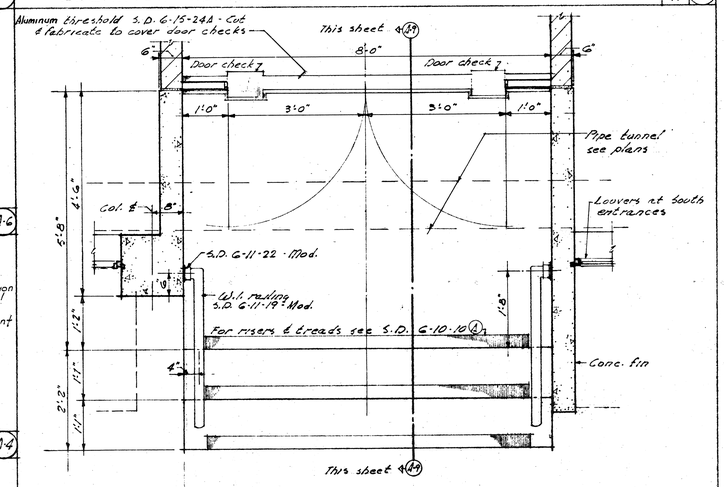
ELEVATION - NORTH ENTRANCE WING 4 Scale 3/4" (A-8)




PLAN - WEST ENTRANCE WING #1 (B-1) Scale 3/4"

DETAIL - EAST & WEST ENTRANCES - WINGS 1 & 2 (B)




North entrance of Wing 4 --- as shown
North entrance of Wing 3 --- similar except opposite hand
South entrances of Wings 1, 2, 3, & 4 similar except as noted

PLAN - NORTH ENTRANCE - WING 4 Scale 3/4" (A-1) Scale as noted

DETAIL NORTH & SOUTH ENTRANCES - WINGS 1, 2, 3, & 4 (A)

MICROFILMED

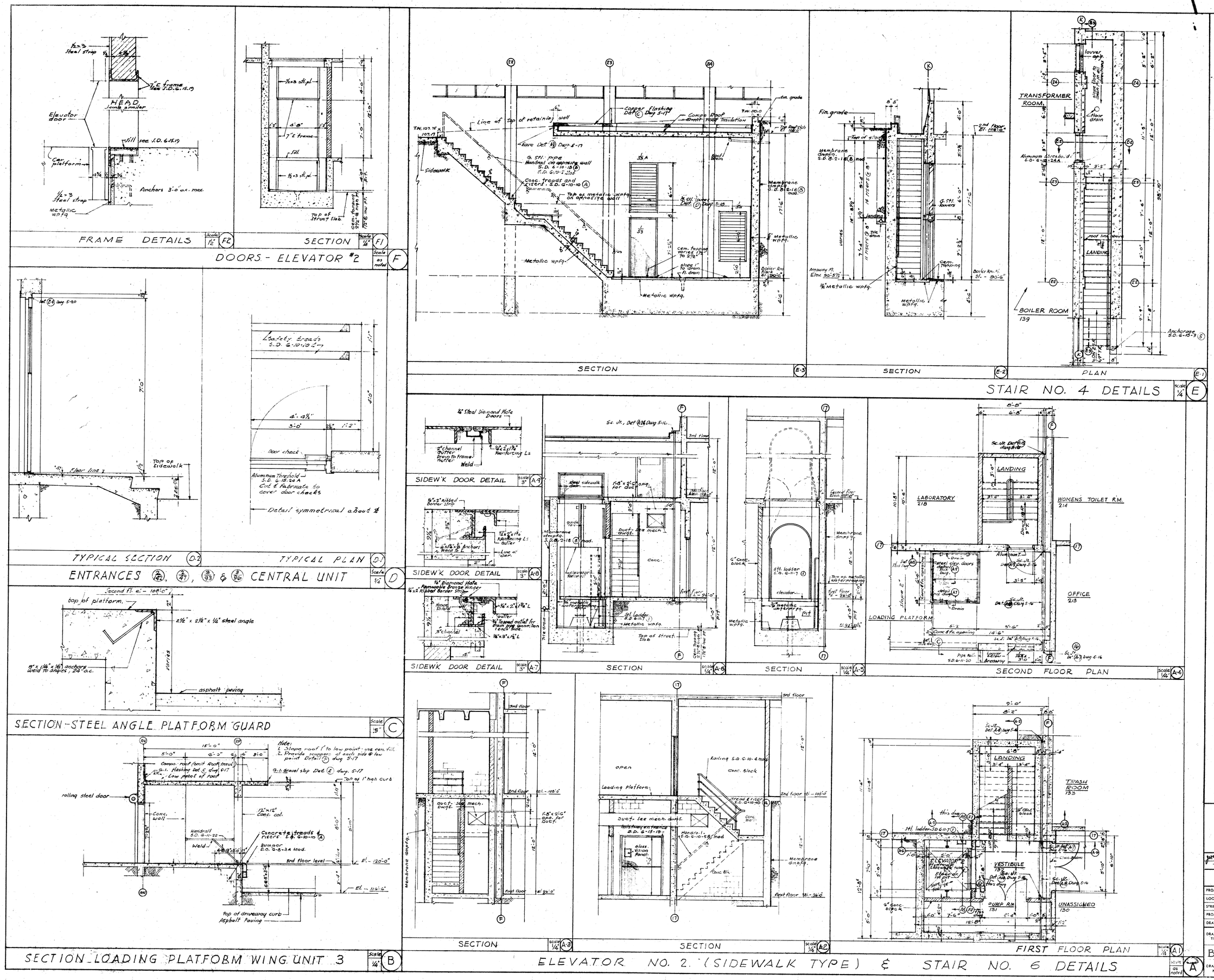
PEREIRA & LUCKMAN
AND
J. E. STANTON
ARCHITECTS AND ENGINEERS
LOS ANGELES, CALIFORNIA
ROBERT W. DITZEN
ASSOCIATE ARCHITECT
BOULDER, COLORADO

| "ME" | "S" | "SP" | "DD" | "AD" |
|---|---|---|---|---|
| 1/14/52 | 1/14/52 | 3-24-52 | | |

PUBLIC BUILDINGS SERVICE
GENERAL SERVICES ADMINISTRATION, WASHINGTON, D.C.

| | | | |
|---|---|---|---|
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | 5-044 | FILE NO. | |
| DRAWN BY | L.T. 2-22-52 | CHECKED BY | W.M.S. |
| DRAWING TITLE | WING ENTRANCES | | |
| DRAWING NO. | B-20041 ARCHITECTURAL 5-14 | | |

RETURN TO D & C DRAWING FILES ROOM

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J. E. STANTON
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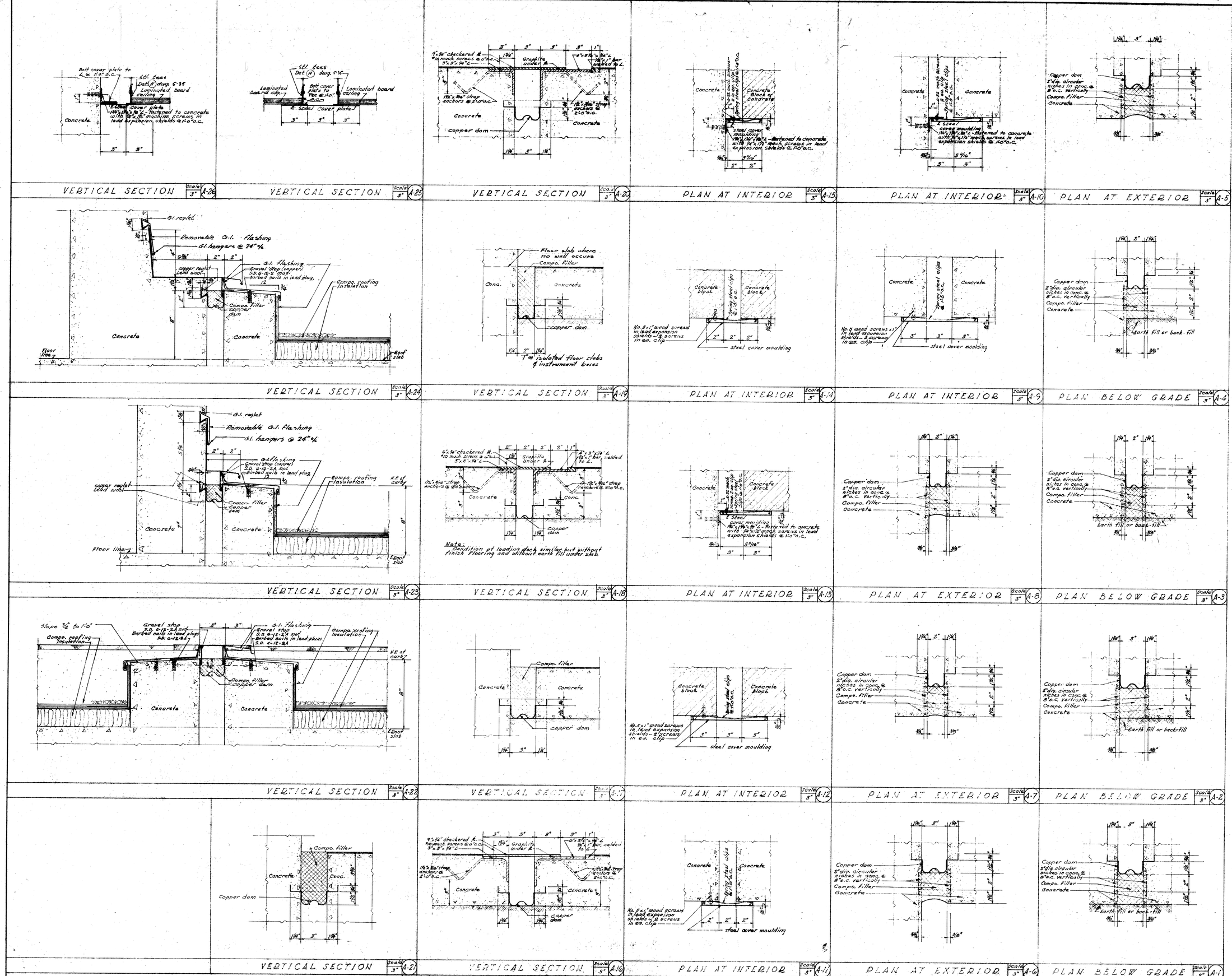
LOS ANGELES, CALIFORNIA
ROBERT W. DITZEN
ASSOCIATE ARCHITECT
BOULDER, COLORADO

| "ME" | "S" | "SF" | "DD" | "AD" |
|---|---|---|---|---|
| 3-24-52 | | | | |

PUBLIC BUILDINGS SERVICE
GENERAL SERVICES ADMINISTRATION, WASHINGTON, D.C.

| | | | |
|---|---|---|---|
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | 5-044 | FILE NO. | |
| DRAWN BY | D.D., L.P. 2-22-52 | CHECKED BY | E.A.S. |
| DRAWING TITLE | STAIRS NO.4 & NO.6 MISC. DETAILS | | |
| | B-20042 | ARCHITECTURAL | |
| DRAWING NO. | 5-15 | | |




Note:
Asphalt tile shown occurs only where directed on Finish schedule. Where asphalt tile does not occur, steel floor plates or compo. filler are to be flush with top of slab.

Copper dams shall be set in forms before pouring concrete.



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ROBERT W. DITZEN
ASSOCIATE ARCHITECT
BOULDER, COLORADO

| | | | | | |
|---|---|---|---|---|---|
| WWS 3-24-53 | WMS 3-24-53 | | | | |
| "ME" | "S" | "SF" | "DD" | "AD" | |

PUBLIC BUILDINGS SERVICE
GENERAL SERVICES ADMINISTRATION, WASHINGTON, D. C.

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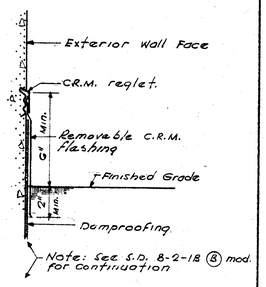
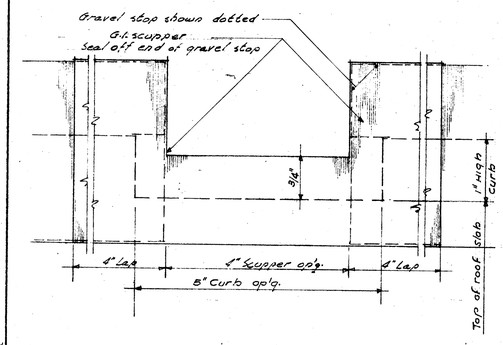
|---|---|
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS |
| LOCATION | BOULDER, COLORADO |
| STREET | STATE HIGHWAY 170 |
| PROJ. NO. | B-044 FILE NO. |
| DRAWN BY | V.L.B. 2-22-52 CHECKED BY R.M.S. |
| DRAWING TITLE | SEISMIC JOINTS |
| | B-20043 ARCHITECTURAL |
| DRAWING NO. | 5-16 |

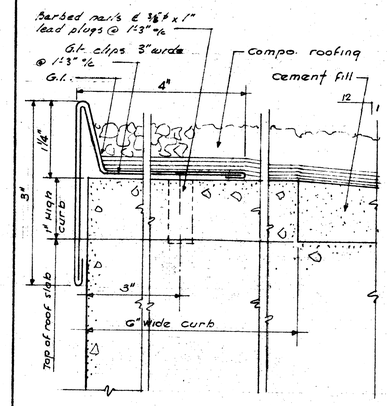



Note: This detail typical for concrete walls only. For flashing at top of stone-faced walls - See S.D. 8-2-18 (B) mod

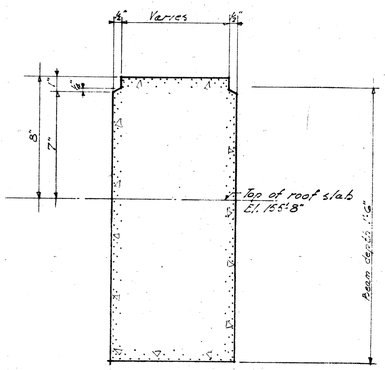
FLASHING - EXT. WALL DMPFG. scale 3" (G)




ELEVATION OF SCUPPER IN GRAVEL STOP scale F.S. (F)

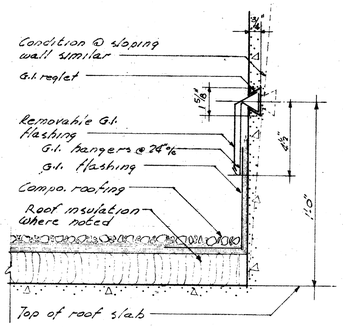



GRAVEL STOP DET. scale F.S. (E)



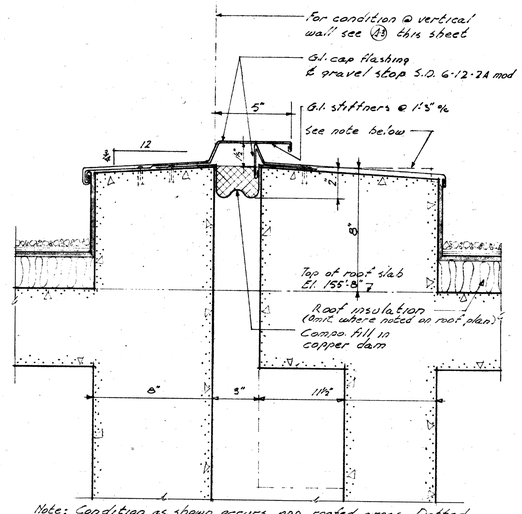

Note: For location of beams see det. (C) dwg. 3-9. For dimensions see structural dwgs.

PENTHOUSE ROOF BEAM scale 3" (D)



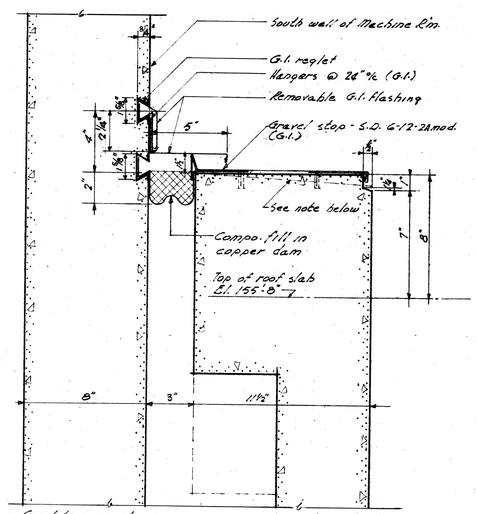

Note: The roof insulation is omitted in some areas - See roof plan dwg. 3-10. Also loading dock Det. (B) dwg. 5-15

TYPICAL FLASH. @ VERTICAL WALLS scale 3" (C)



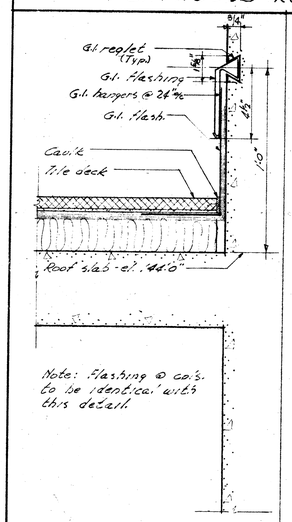

Note: Condition as shown occurs app. roofed areas. Dotted condition occurs app. open roof areas. See (A3) this sheet

PENTHOUSE EAVE AT SEISMIC JOINT (A-4)



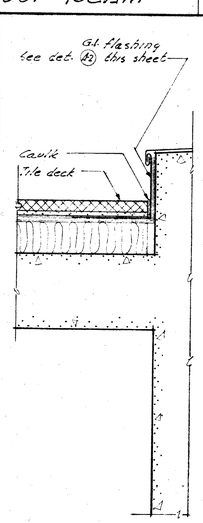

Note: Condition as shown occurs app. open roof areas. Dotted condition occurs app. roofed areas. See (A3) this sheet

PENTHOUSE EAVE AT SEISMIC JOINT (A-3)

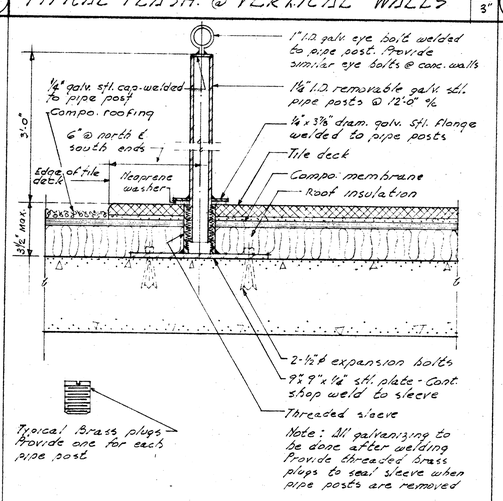



Note: Flashing @ conditions to be identical with this detail.

TILE DECK @ VERT. WALL (B-3)

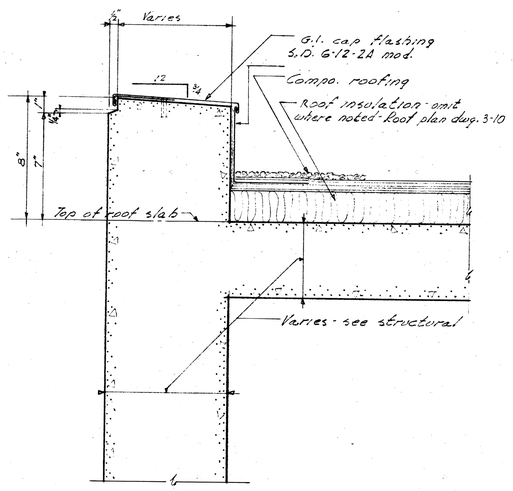



TILE DECK @ EAVE (B-2)

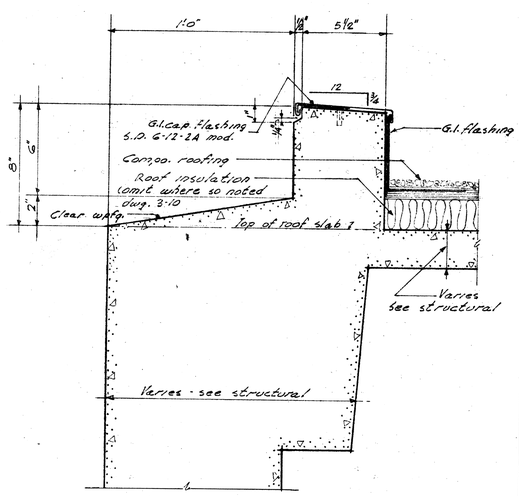



REMOVABLE PIPE POSTS (B-1)

TILE DECK DETAILS scale 3" (B)




TYPICAL EAVE (A-2)




TYPICAL ROOF EAVE OVER ENTRANCE LEVEL (A-1)

EAVE DETAILS scale 3" (A)

NOTE:
1. See specifications for tile deck construction & tile deck expansion joints.
2. See specifications for thickness of roof insulation.

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ARCHITECTS AND ENGINEERS
LOS ANGELES, CALIFORNIA
ROBERT W. DITZEN
ASSOCIATE ARCHITECT
BOULDER, COLORADO

| | | | | |
|---|---|---|---|---|
| "ME" | "S" | "SP" | "DD" | "AD" |

PUBLIC BUILDINGS SERVICE
GENERAL SERVICES ADMINISTRATION, WASHINGTON, D.C.

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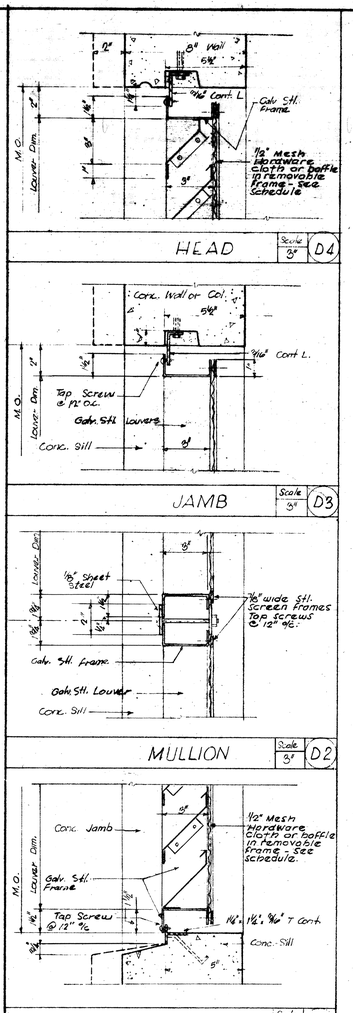
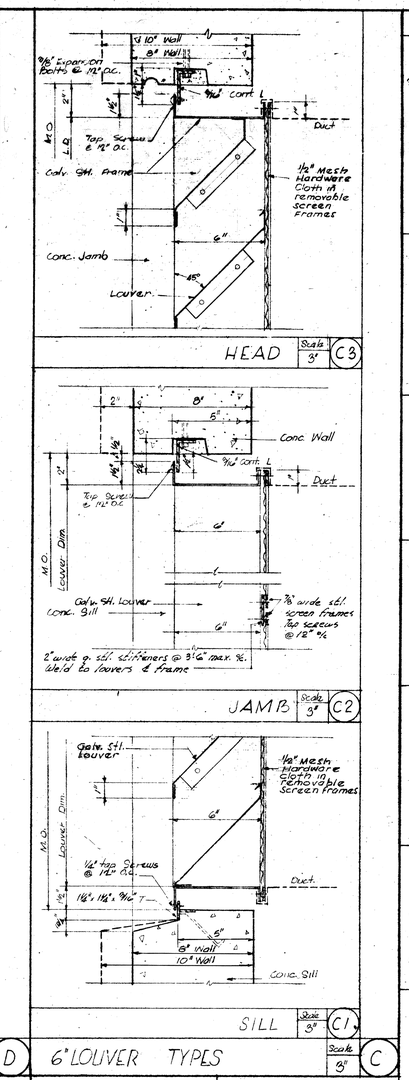
|---|---|---|---|
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | B-044 | FILE NO. | |
| DRAWN BY | L.T. | 2-22-52 | CHECKED BY E.M.S. |
| DRAWING TITLE | ROOF & MISC. DETAILS | | |
| DRAWING NO. | B-20044 ARCHITECTURAL 5-17 | | |

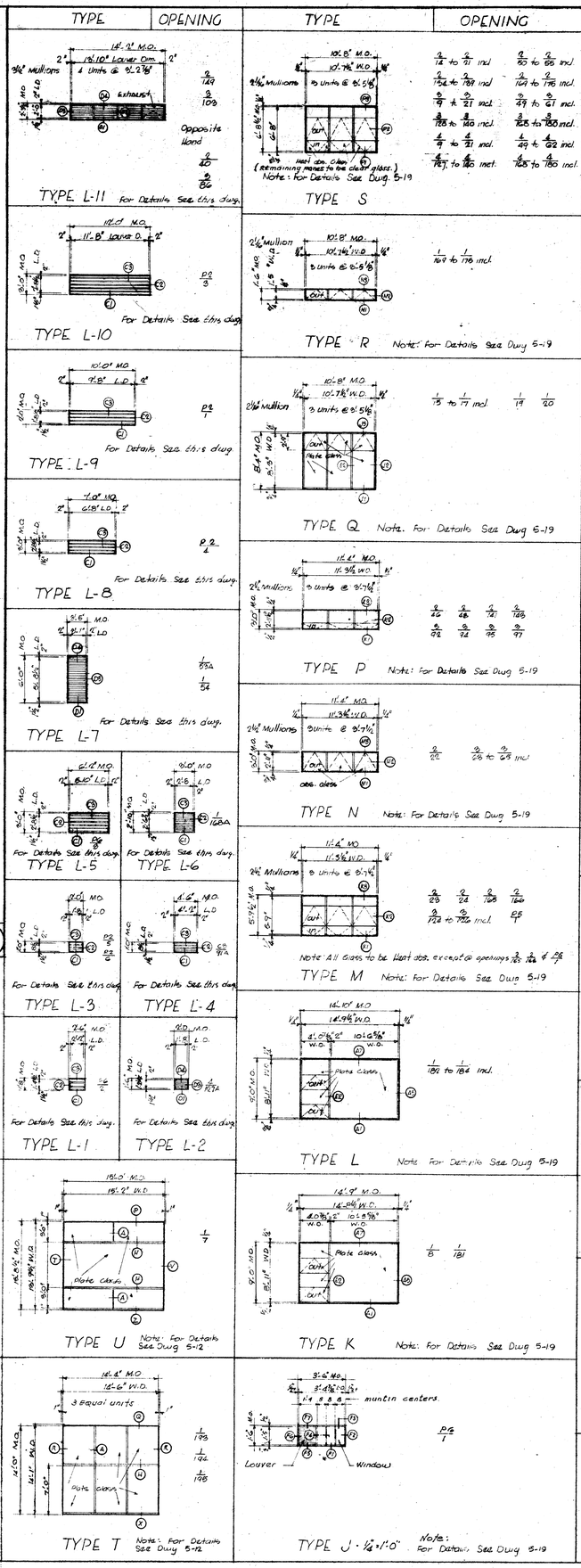
RETURN TO D & C DRAWING FILES UNIT

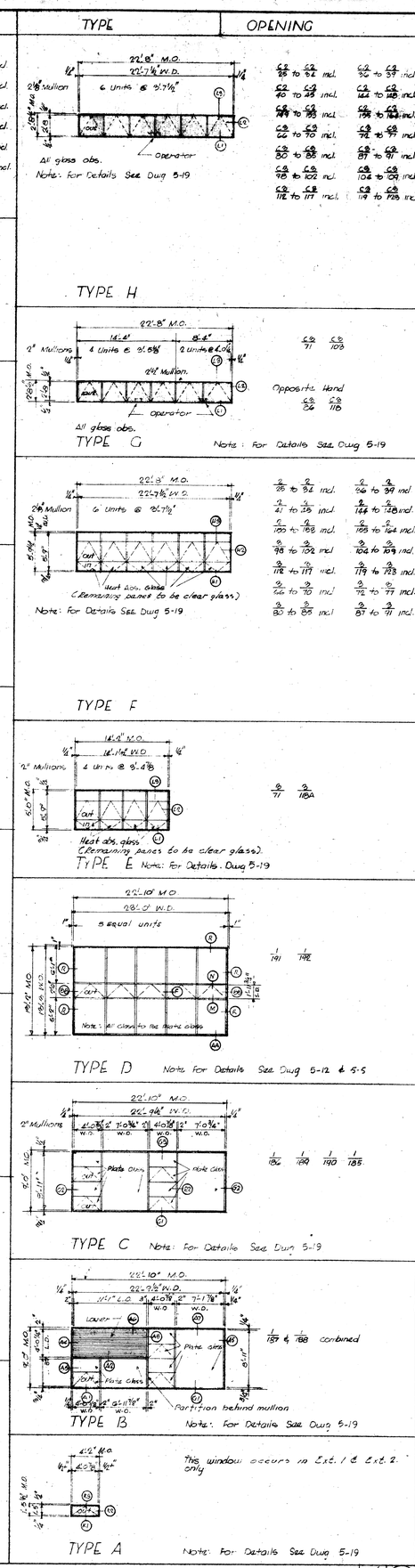









## SCREEN SCHEDULE

| Louver or Window Type | | Screen |
|---|---|---|
| B | Window Louver | None |
| J | Window Louver | 1/2" mesh hardware cloth<br>1/4" mesh hardware cloth insect screen |
| L1 | Louver | 1/2" mesh hardware cloth |
| L2 | Louver | 1/2" mesh hardware cloth |
| L3 | Louver | 1/2" mesh hardware cloth |
| L4 | Louver | 1/2" mesh hardware cloth |
| L5 | Louver | 1/2" mesh hardware cloth |
| L6 | Louver | 1/2" mesh hardware cloth |
| L7 | Louver | 1/2" mesh hardware cloth |
| L8 | Louver | 1/2" mesh hardware cloth |
| L9 | Louver | 1/2" mesh hardware cloth |
| L10 | Louver | 1/2" mesh hardware cloth |
| L11 | Exhaust louv. other louvers | 1/2" mesh hardware cloth<br>22 ga. galv. baffle |
| L12 | Louver | 1/2" mesh hardware cloth |
| L13 | Louver | 1/2" mesh hardware cloth |
| L14 | Louver | 1/2" mesh hardware cloth |

NOTE:
1. All windows viewed from the outside.
2. 1/8" glass to be clear window glass unless noted otherwise.
3. See dwg. 5-2 for glass schedule
4. All screens to be tack welded to removable screen frames.



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ROBERT W. DITZEN
ASSOCIATE ARCHITECT
BOULDER, COLORADO

| | | | |
|---|---|---|---|
| JWS | 3-24-53 | REVISIONS | 3-24-53 |
| "ME" | "S" | "SP" | "DD" "AD" |

PUBLIC BUILDINGS SERVICE
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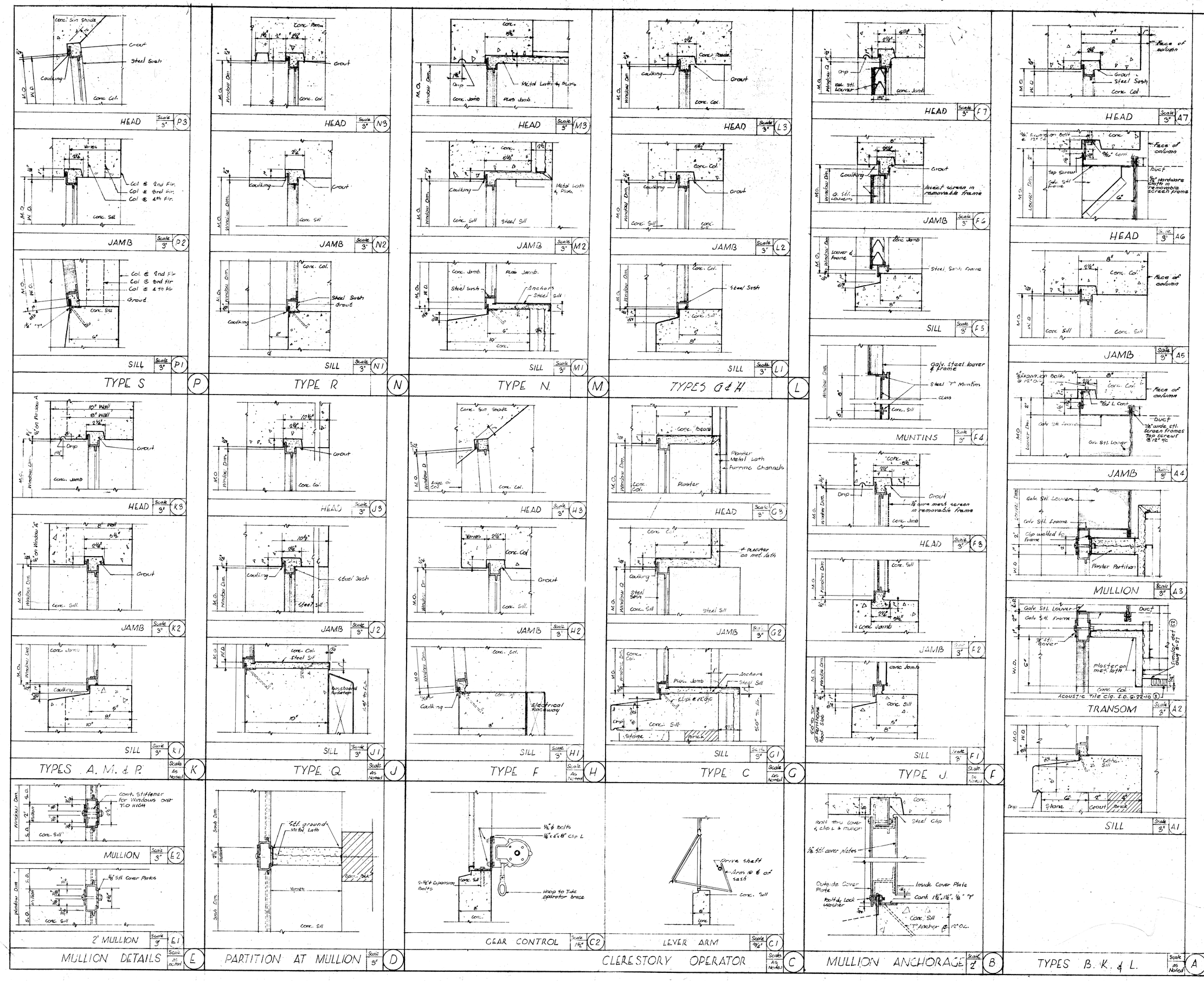
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | B-044 | FILE NO. | |
| DRAWN BY | W.M. | 2-22-52 | CHECKED BY E.M.S. |
| DRAWING TITLE | WINDOW SCHEDULE & DETAILS | | |
| B-20045 | ARCHITECTURAL | | |
| DRAWING NO. | 5-18 | | |

WINDOW AND LOUVER SCHEDULE — Scale 1/8" (A)




NOTE:
1. All screens to be tack welded to removable screen frames

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J. E. STANTON
ARCHITECTS AND ENGINEERS
LOS ANGELES, CALIFORNIA
ROBERT W. DITZEN
ASSOCIATE ARCHITECT
BOULDER, COLORADO

| "MR" | "S" | "SP" | "DD" | "AD" |
|---|---|---|---|---|
| 3/18/80 | 2-24-80 | | | |

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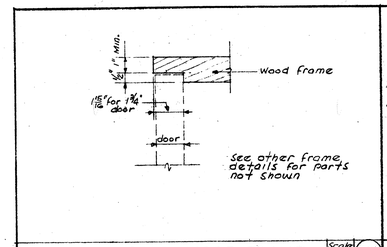
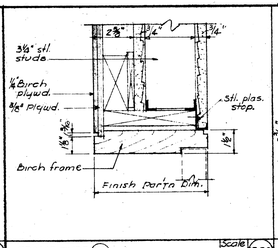
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | 5-044 | FILE NO. | |
| DRAWN BY | W.M. | 2-22-52 | CHECKED BY M.M.S. |
| DRAWING TITLE | WINDOW DETAILS | | |
| B-20046 ARCHITECTURAL | | | |
| DRAWING NO. | 5-19 | | |

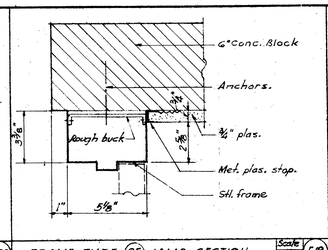
RETURN TO U & C DRAWING FILE DR



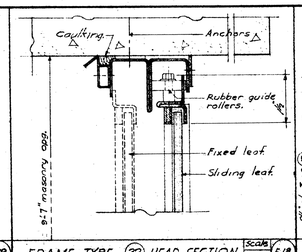

TYPICAL STOP - WOOD FRAME — Scale 3" — E23



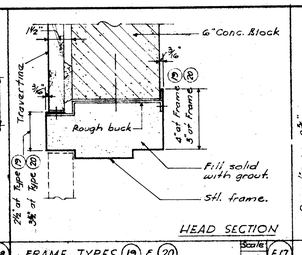

FRAME TYPE (27) — Scale 3" — E20



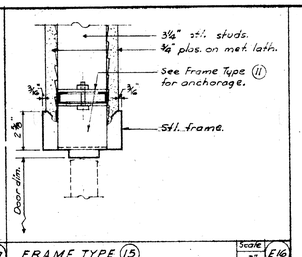

FRAME TYPE (25) JAMB SECTION — Scale 3" — E19



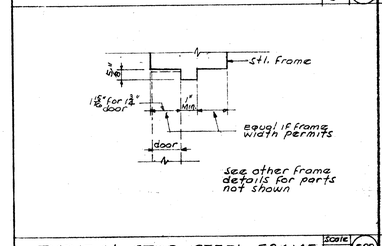

FRAME TYPE (22) HEAD SECTION — Scale 3" — E18



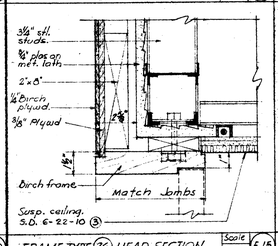

FRAME TYPES (19) & (20) — Scale 3" — E17



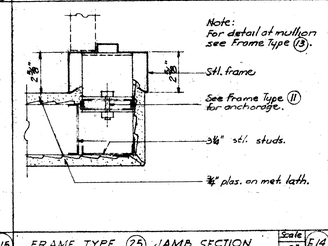

FRAME TYPE (15) — Scale 3" — E16



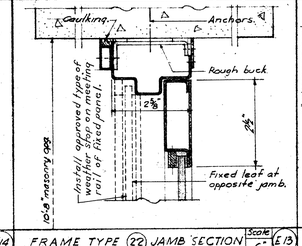

TYPICAL STOP - STEEL FRAME — Scale 3" — E22



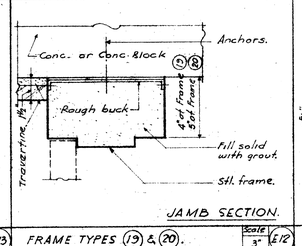

FRAME TYPE (26) HEAD SECTION — Scale 3" — E15



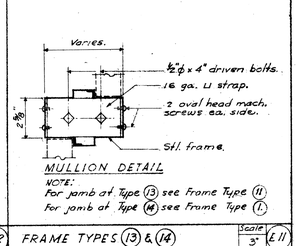

FRAME TYPE (25) JAMB SECTION — Scale 3" — E14



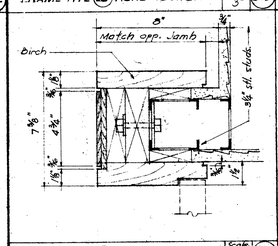

FRAME TYPE (22) JAMB SECTION — Scale 3" — E13



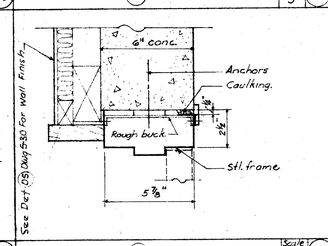

FRAME TYPES (19) & (20). — Scale 3" — E12



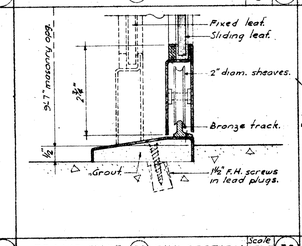

FRAME TYPES (13) & (14) — Scale 3" — E11



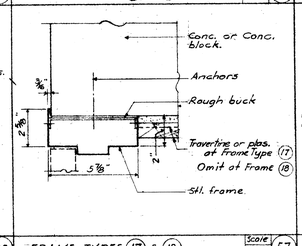

FRAME TYPE (26) JAMB SECTION — Scale 3" — E10



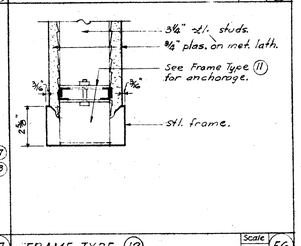

FRAME TYPE (25) — Scale 3" — E9



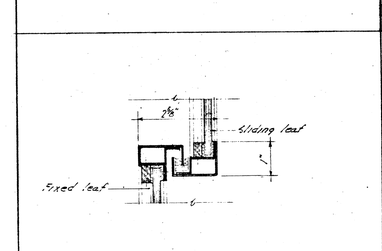

FRAME TYPE (22) SILL SECTION — Scale 6" — E8



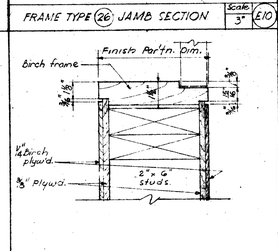

FRAME TYPES (17) & (18). — Scale 3" — E7



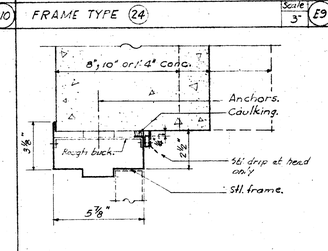

FRAME TYPE (12) — Scale 3" — E6



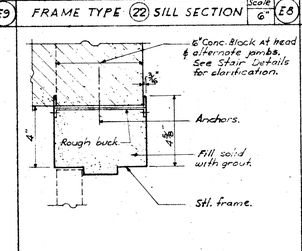

FRAME TYPE (22) VERT. MEETING RAIL — Scale 6" — E21



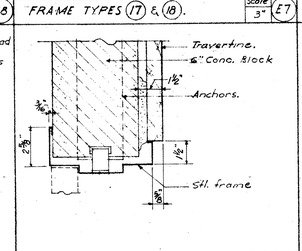

FRAME TYPE (26) JAMB SECTION — Scale 3" — E5



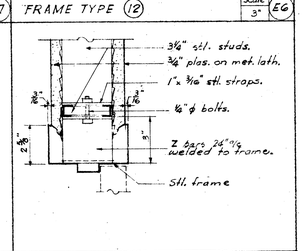

FRAME TYPE (23) — Scale 3" — E4




FRAME TYPE (21) — Scale 3" — E3




FRAME TYPE (16) — Scale 3" — E2



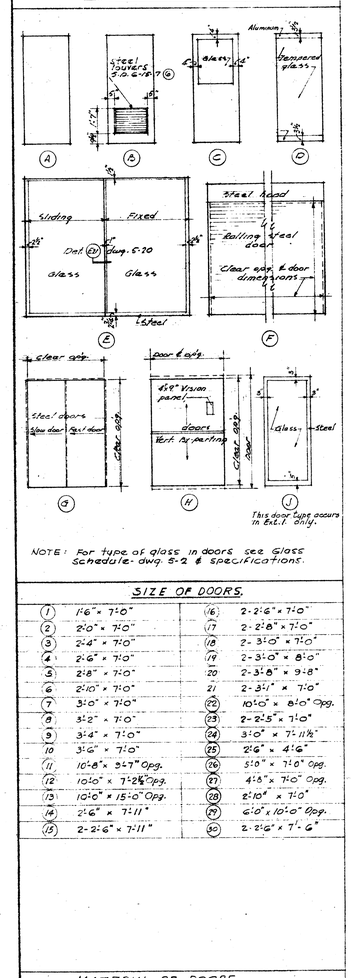

FRAME TYPE (11) — Scale 3" — E1

DOOR FRAME DETAILS

For frame details nos. (1) to (10) inclusive see S.D. 6-15-2. For frame details (11) to (21) inclusive see this detail. For other frame details see this drawing & other details.

E

## TYPES OF DOORS




NOTE: For type of glass in doors see Glass Schedule - dwg. 5-2 & specifications.

## SIZE OF DOORS.

| | | | |
|---|---|---|---|
| (1) | 1'-6" x 7'-0" | (16) | 2'-2'-6" x 7'-0" |
| (2) | 2'-0" x 7'-0" | (17) | 2'-2'-8" x 7'-0" |
| (3) | 2'-4" x 7'-0" | (18) | 2'-3'-0" x 7'-0" |
| (4) | 2'-6" x 7'-0" | (19) | 2'-3'-0" x 8'-0" |
| (5) | 2'-8" x 7'-0" | (20) | 2'-3'-8" x 9'-8" |
| (6) | 2'-10" x 7'-0" | (21) | 2'-3'-1" x 7'-0" |
| (7) | 3'-0" x 7'-0" | (22) | 10'-0" x 8'-0" Opg. |
| (8) | 3'-2" x 7'-0" | (23) | 2'-2'-5" x 7'-0" |
| (9) | 3'-4" x 7'-0" | (24) | 3'-0" x 7'-11 1/2" |
| (10) | 3'-6" x 7'-0" | (25) | 2'-6" x 4'-6" |
| (11) | 10'-8" x 3'-7" Opg. | (26) | 5'-0" x 7'-0" Opg. |
| (12) | 10'-0" x 7'-2 1/2" Opg. | (27) | 4'-8" x 7'-0" Opg. |
| (13) | 10'-0" x 15'-0" Opg. | (28) | 2'-10" x 7'-0" |
| (14) | 2'-6" x 7'-11" | (29) | 6'-0" x 10'-0" Opg. |
| (15) | 2'-2'-6" x 7'-11" | (30) | 2'-2'-6" x 7'-6" |

## MATERIAL OF DOORS

W - indicates Wood M - indicates Hollow Metal Stl - indicates Steel

EXTERIOR & INTERIOR DOOR TYPES & SIZES

D

## EXTERIOR DOOR SCHEDULE

All doors 1 3/4" thick unless otherwise noted or detailed

| DRAWING NUMBER | DOOR TYPE | DOOR SIZE | DOOR MATERIAL | FRAME TYPE | REMARKS |
|---|---|---|---|---|---|
| 1/1 | D | 16 | Temp. Glass | — | See Dwgs. 5-11 & 5-12. |
| 2/1 | D | 16 | Gl. | — | See Dwgs. 5-11 & 5-12. |
| 3/1 | A | 10 | W | 24 | |
| 4/1 | A | 7 | W | — | See Det. (E) Dwg. 5-30 |
| 5/1 | A | 10 | W | 24 | |
| 6/1 | A | 23 | W | — | See Det. (B) Dwg. 5-13 |
| 7/1 | E | 11 | Glass & Stl. | 22 | Sliding door. |
| 3/3 | A | 7 | M | 23 | |
| 3/5 | C | 18 | M | — | See Det. (B) Dwg. 5-14 |
| 20/A | C | 18 | M | — | See Det. (A) Dwg 5-14 |
| 2/7 | C | 18 | M | 23 | See Det. (D) Dwg. 5-15 |
| 1/12 | C | 18 | M | 23 | See Det. (D) Dwg. 5-15 |
| 10/A | C | 18 | M | — | See Det. (A) Dwg. 5-14 |
| 1/14 | C | 18 | M | — | See Det. (B) Dwg. 5-14 |
| 1/17 | A | 7 | M | 23 | |
| 11/1 | C | 18 | M | — | See Det. (A) Dwg. 5-14 |
| 1/8 | F | 12 | Stl. | — | See Det. (B) this dwg. |
| 1/9 | C | 7 | M | 23 | |
| 20/A | C | 18 | M | — | See Det. (A) Dwg. 5-14 |
| 3/4 | C | 18 | M | 23 | See Det. (D) Dwg. 5-15 |
| 5/6 | C | 18 | M | 23 | See Det. (D) Dwg. 5-15 |
| 103/A | C | 18 | M | — | See Det. (A) Dwg. 5-14 |
| 1/10 | A | 7 | M | 23 | |
| 1/1 | F | 15 | Stl. | — | See Det. (B) this dwg. |
| 7/18 | C | 18 | M. | — | See Det. (A) Dwg. 5-14 |
| F/E 1 | C | 18 | M | 23 | |
| F/E 3 | C | 18 | M | 23 | |

## INTERIOR DOOR SCHEDULE

All doors 1 3/4" thick unless otherwise noted or detailed.

(A5/10) = Symbol shown on floor plans indicates A = type of door. 5 = size of door. W = material of door. 3 = type of frame.

(S1) (S2) etc. indicate special doors. See special interior door schedule.

## SPECIAL INTERIOR DOOR SCHEDULE

All doors 1 3/4" thick unless otherwise noted or detailed

| OPENING NUMBER | DOOR TYPE | DOOR SIZE | DOOR MATERIAL | FRAME TYPE | REMARKS |
|---|---|---|---|---|---|
| S1 | D | 16 | Temp. Glass | — | See Dwgs. 5-11 & 5-12. |
| S2 | A | 14 | W | — | See Det. (C) Dwg. 5-31 |
| S3 | A | 15 | W | — | See Det. (A5) (A7) (A10) Dwg. 5-31. |
| S4 | A | 16 | W | — | See Det. (A5) (A9) (A12) Dwg. 5-31 |
| S5 | A | 10 | W | — | See Det. (D3) Dwg. 5-30 |
| S6 | A | 15 | W | — | See Dets. (C) Dwg. 5-28. |
| S7 | A | 24 | W | — | See Det. (F) Dwg. 5-28 |
| S8 | A | 15 | W | 26 | |
| S9 | A | 5 | W | — | See Det. (C) Dwg. 5-32 |
| S10 | A | 18 | M | — | Frame Type 3 & 18. |
| S11 | A | 16 | M | 3 | Class "C" door in Class "C" assembly. |
| S12 | A | 17 | — | 21 | Class "B" door in Class "B" assembly. Wood veneer with incombustible core |
| S13 | A | 20 | M | 21 | Class "C" door in Class "C" assembly. |
| S14 | A | 19 | M | 3 | Class "C" door in Class "C" assembly. |
| S15 | C | 4 | M | — | Door in stl. partition. See specification |
| S16 | A | 4 | M | 18 | Class "C" door in Class "C" assembly |
| S17 | A | 17 | — | 19 | Class "B" door in Class "B" assembly. Wood veneer with incombustible core. |
| S18 | A | 19 | M | 3 | Class "C" door in Class "C" assembly |
| S19 | A | 4 | M | 11 | Class "C" door in Class "C" assembly |
| S20 | G | 26 | M | — | See Det. (A) this dwg. |
| S21 | H | 27 | — | — | See Det. (A) dwg 5-15. See S.D. 6-15-14 for frame det. |
| S22 | J | 18 | Stl. & glass | — | See Det. (A) Dwg. 5-2 Ext. I. |
| S23 | B | 28 | W | 27 | 1" undercut on doors |
| S24 | A | 15 | W | — | See Det. (F) Dwg 5-28 |
| S25 | F | 29 | Stl. | — | See Det. (B) this dwg. |
| S-26 | J | 18 | Stl. & Glass | — | See Det. (A) dwg 5-2 Ext. I |
| S-27 | A | 30 | M | — | Class "C" door in Class "C" Assembly |

## GENERAL NOTES.

1. See Specifications for type and spacing of door frame anchors not indicated.
2. See Floor Plans and other details for threshold types and locations.
3. Wood doors adjacent to walnut paneling shall have walnut veneer to match. All other wood doors shall have birch veneer. See Finish Schedules, dwgs 5-1 & 5-2 and other details.
4. See detail (S22) & (S23) this dwg for typical door frame setups - apply to all frames.
5. Doors (S20) and entrances and doors (S21) to be under elevator.



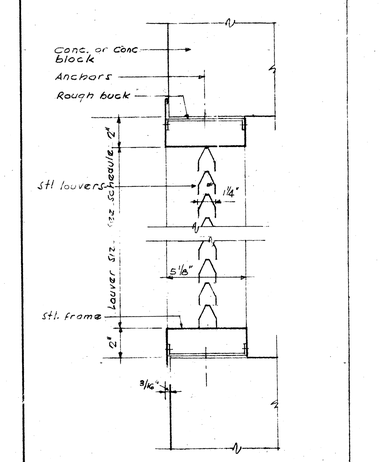
PEREIRA & LUCKMAN
AND
J. E. STANTON
ARCHITECTS AND ENGINEERS
LOS ANGELES, CALIFORNIA
ROBERT W. DITZEN
ASSOCIATE ARCHITECT
BOULDER, COLORADO

| "ME" | "S" | "SP" | "DD" | "AD" |
|---|---|---|---|---|
| 3-26-62 | | | | 3-26-62 |

PUBLIC BUILDINGS SERVICE
GENERAL SERVICES ADMINISTRATION, WASHINGTON, D.C.

| | |
|---|---|
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS |
| LOCATION | BOULDER, COLORADO |
| STREET | STATE HIGHWAY 170 |
| PROJ. NO. | B-044 |
| DRAWN BY | R.C.B. 2-22-62 |
| CHECKED BY | G.M.S. |
| DRAWING TITLE | DOOR SCHEDULE & DETAILS |
| B20047 | ARCHITECTURAL |
| DRAWING NO. | 5-20 |

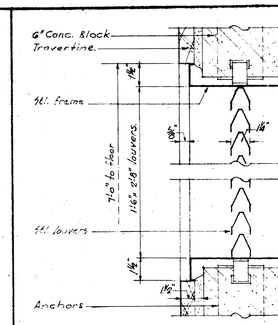
A



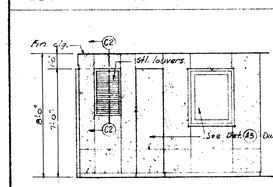

SECTION — Scale 3" — F1

INTERIOR LOUVER

F




LOUVER SECTION — Scale 3" — C2




Note: Louvers in east corridor wall to be located directly opposite.

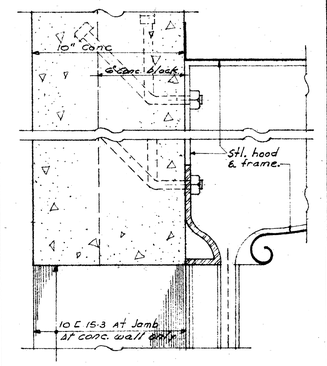
ELEVATION - WEST CORRIDOR WALL — Scale 1/4" — C1

LOUVER DETAILS - CORRIDOR #201

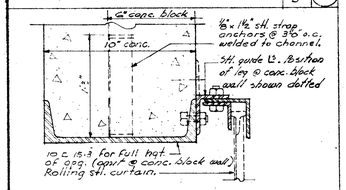
C

SCHEDULE

| SPACE LOCATION | SIZE WIDTH | SIZE HEIGHT |
|---|---|---|
| Boiler rm to boiler stock space | 3'-0" | 10" |
| Boiler rm to MECH. EQUIP. (SEWAGE EJECTOR) | 2'-0" | 1'-0" |



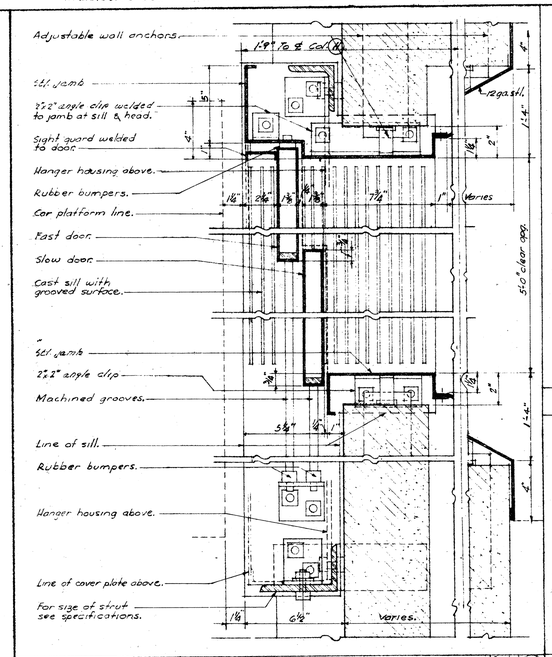

SECTION AT HEAD. — Scale 3" — B2



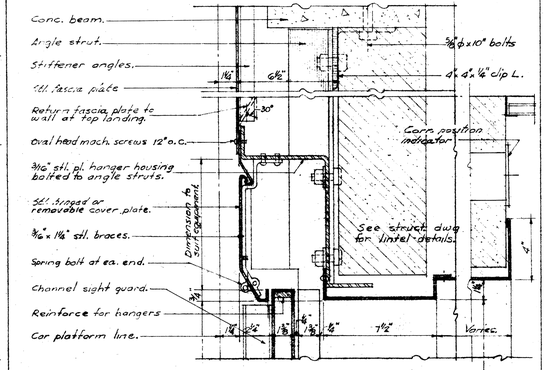

SECTION AT JAMB. — Scale 3" — B1

ROLLING STEEL DOOR DETAILS.

B

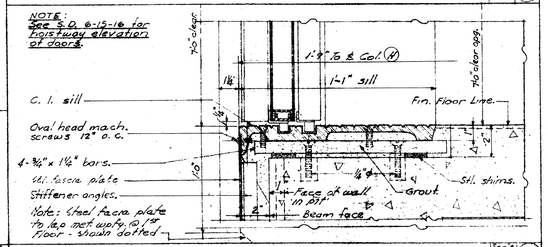



SECTION AT JAMBS. — Scale 3" — A2




SECTION AT HEAD. — Scale 3" — A3

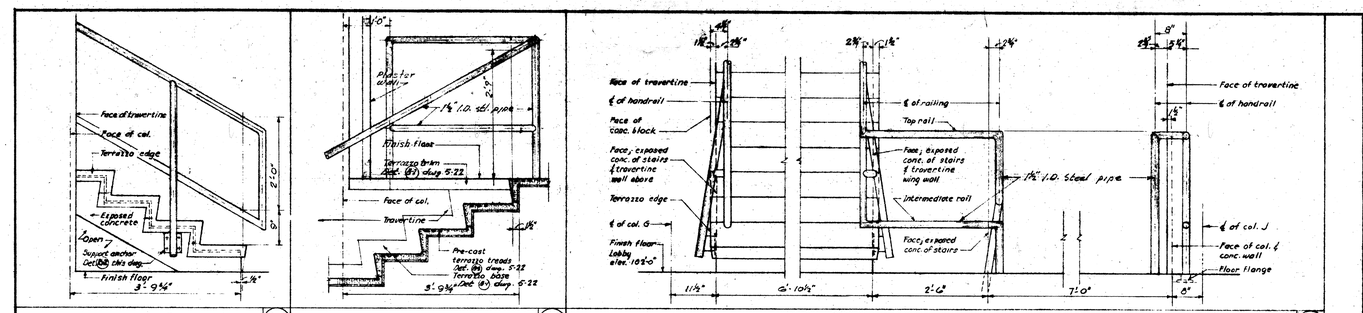
NOTE: See S.D. 6-15-16 for hoistway elevation of doors.




SECTION AT SILL. — Scale 3" — A1

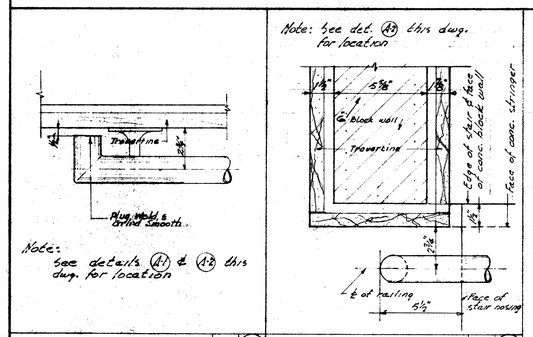
A

DOOR & FRAME DETAILS - ELEVATOR NO. 1.



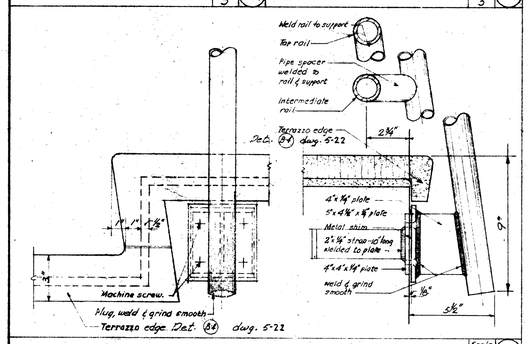

ELEVATION (C-3) — ELEVATION (C-2) — LOBBY ELEVATION OF HANDRAILS & RAILING (C-1)

STAIR NO. 1-A HANDRAIL DETAILS — Scale ¾" — (C)

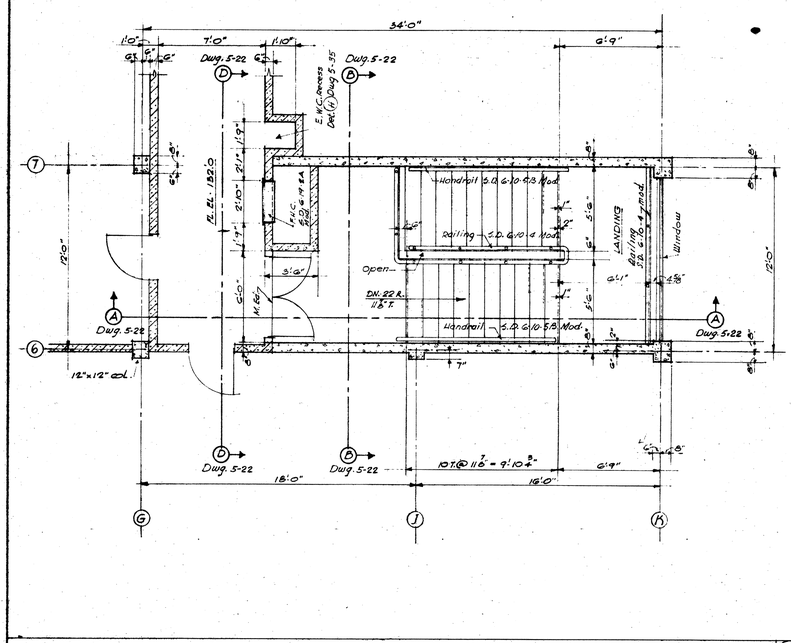



PLAN-END OF RAILING — Scale 3" — (B-4)

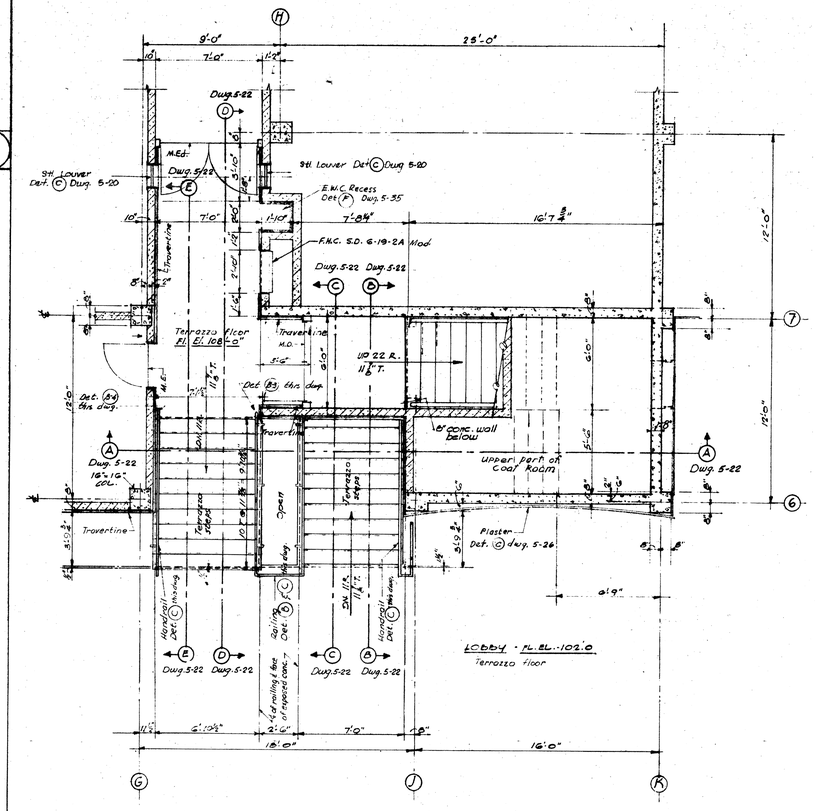
PLAN-END OF RAILING — Scale 3" — (B-3)



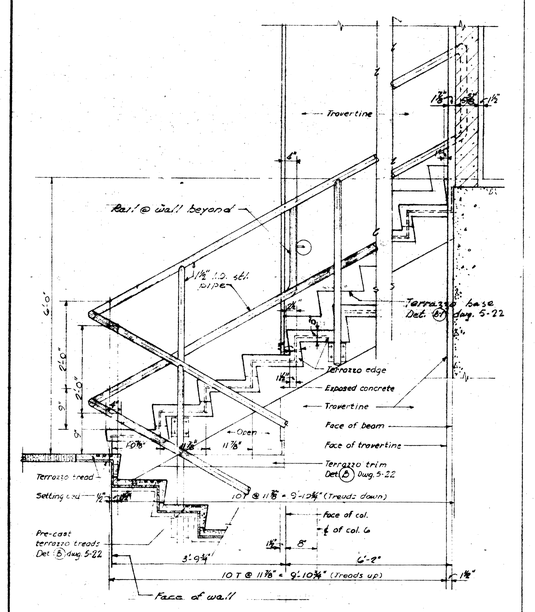

SUPPORT ANCHOR DETAILS — Scale 3" — (B-2)




FOURTH FLOOR PLAN STAIR NO.-1 (A4)

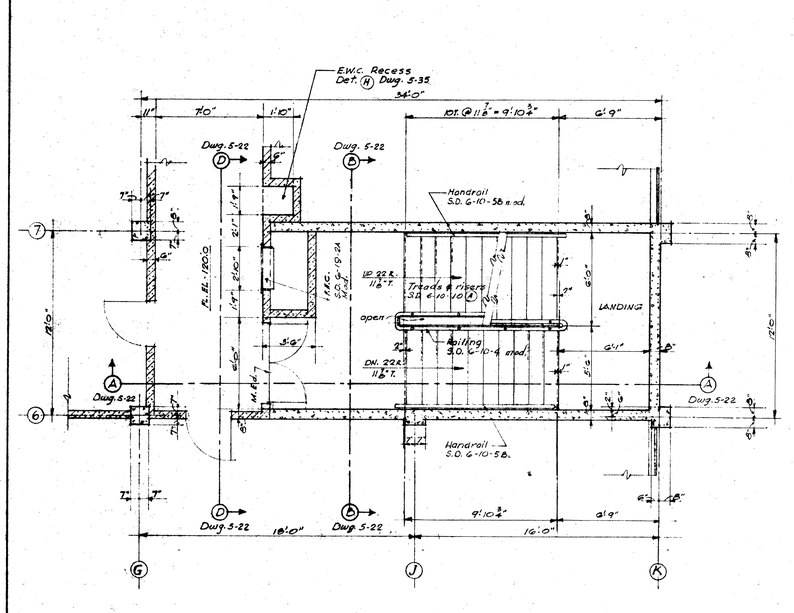



SECOND FLOOR PLAN STAIRS NO.-1-A & 1 (A2)

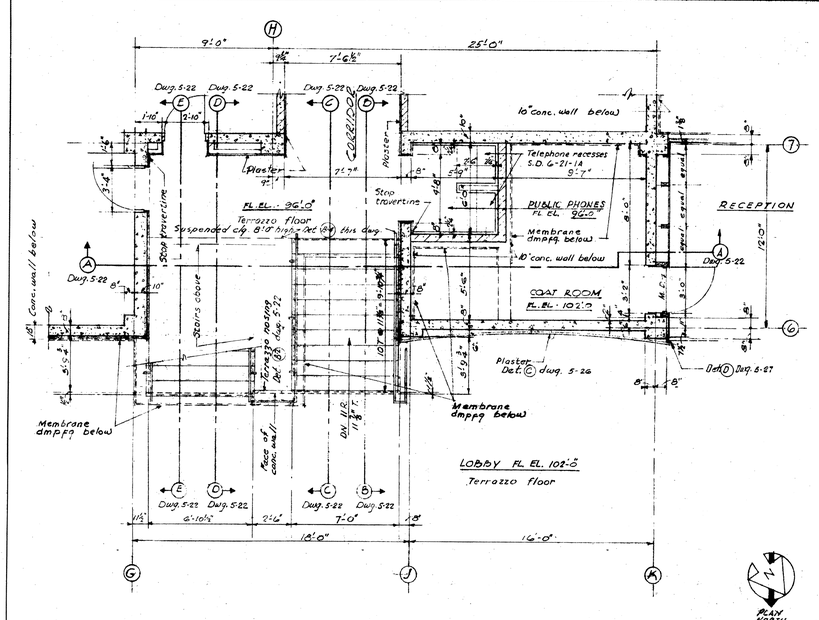



PARTIAL SECTION & ELEVATION — Scale 3/4" — (B-1)

STAIR NO. 1-A - RAILING DETAILS — Scale as noted — (B)




THIRD FLOOR PLAN STAIR NO.-1 (A3)




FIRST FLOOR PLAN STAIR NO.-1-A (A1)

STAIRS NOS. 1-A & 1 — Scale ¼" — (A)

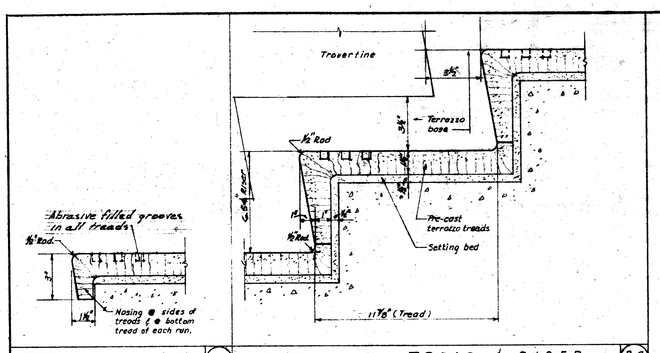
MICROFILMED MAR 23 1983

PEREIRA & LUCKMAN AND J. E. STANTON
ARCHITECTS AND ENGINEERS
LOS ANGELES, CALIFORNIA
ROBERT W. DITZEN
ASSOCIATE ARCHITECT
BOULDER, COLORADO

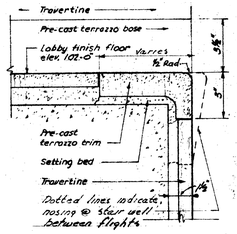
| | | | | |
|---|---|---|---|---|
| 4-4-52 "M4" | 3-14-52 "S" | "SP" | 2-21-52 "DD" | 2-2-52 "AD" |

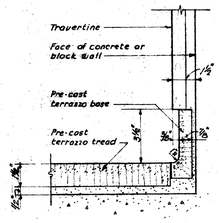
PUBLIC BUILDINGS SERVICE
GENERAL SERVICES ADMINISTRATION, WASHINGTON, D.C.

| | |
|---|---|
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS |
| LOCATION | BOULDER, COLORADO |
| STREET | STATE HIGHWAY 170 |
| PROJ. NO. | S-044 — FILE NO. |
| DRAWN BY | J.L., H.T. — 2-22-52 — CHECKED BY B.M.S. |
| DRAWING TITLE | STAIRS NO. 1 & NO. 1-A |
| B-20048 | ARCHITECTURAL |
| DRAWING NO. | 5-21 |



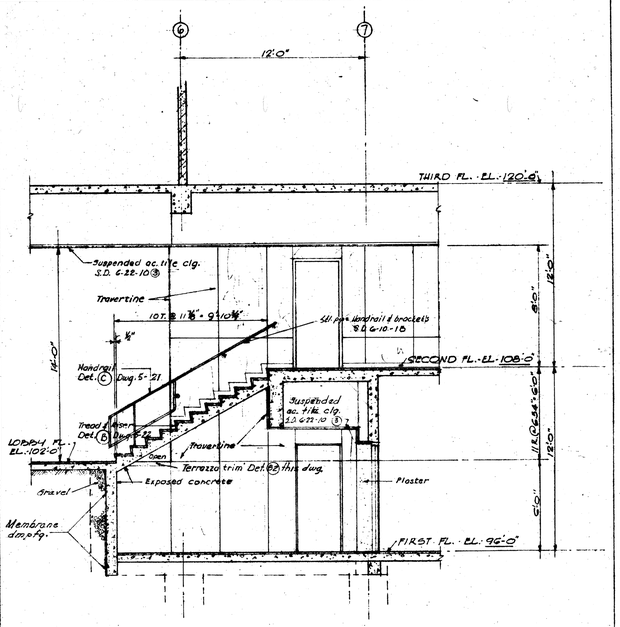

SIDES OF TREADS (B-4) TREAD & RISER (B-3)



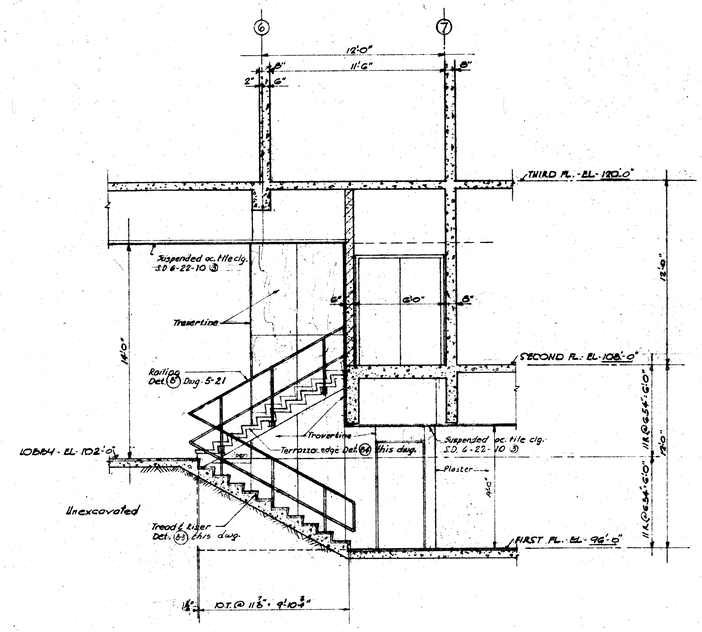




TERRAZZO TRIM (B-2) TERRAZZO BASE (B-1)

STAIR NO. 1-A DETAILS scale 3" (B)

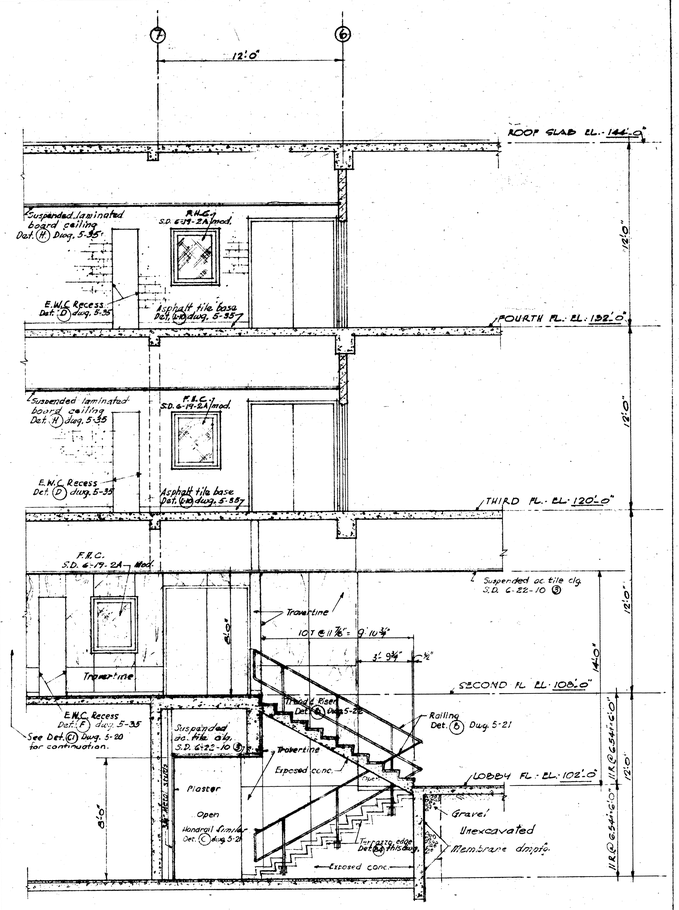



SECTION - E-E' STAIR NO.-1-A (A-4)

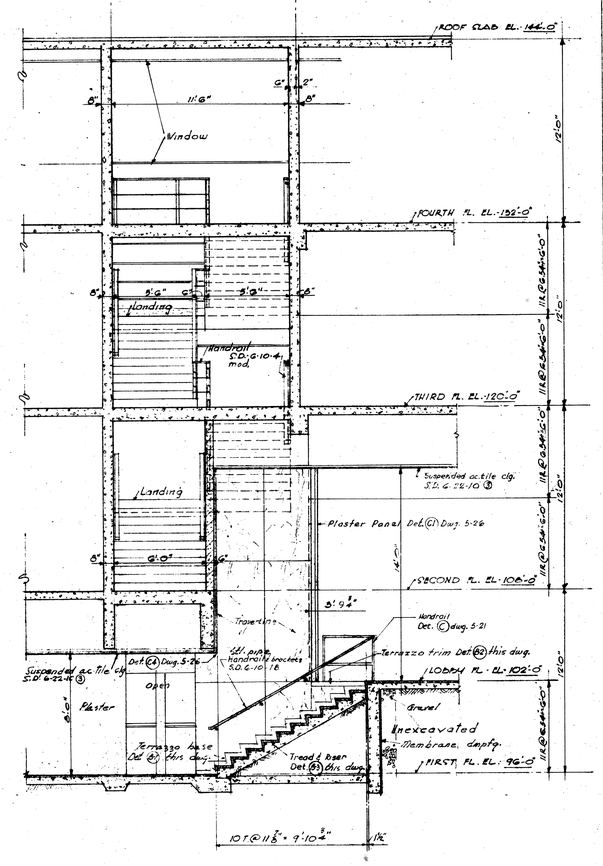



SECTION - C-C STAIR NO.- 1-A (A-2)

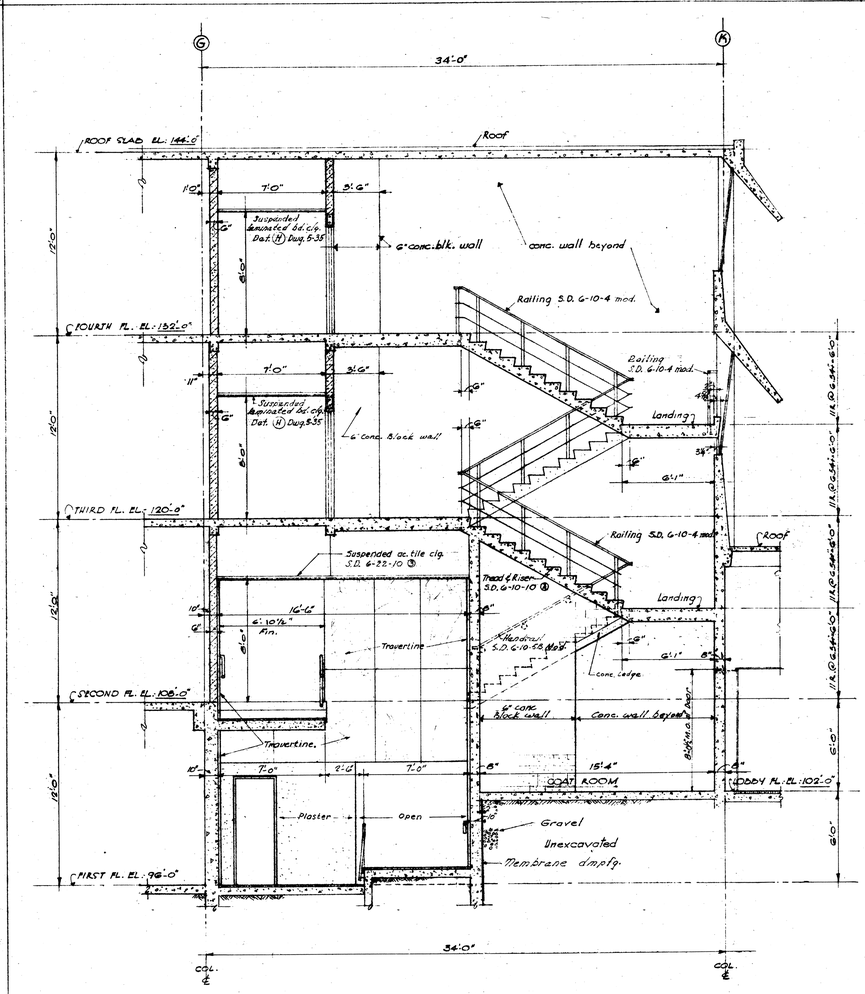
NOTE: For locations of stair sections see Dwg. 5-21.




SECTION - D-D STAIR NO. 1-A. (A-5)




SECTION - B-B (A-3)




SECTION - A-A STAIR NO.-1 (A-1)

STAIRS NOS. 1A & 1 scale ¼" (A)

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AND
J. E. STANTON
ARCHITECTS AND ENGINEERS
LOS ANGELES, CALIFORNIA
ROBERT W. DITZEN
ASSOCIATE ARCHITECT
BOULDER, COLORADO

| | | | | | |
|---|---|---|---|---|---|
| JWS | JWS | HW | | | |
| "ME" | "S" | "SF" | "DD" | "AD" | |

PUBLIC BUILDINGS SERVICE
GENERAL SERVICES ADMINISTRATION, WASHINGTON, D.C.

| | | | |
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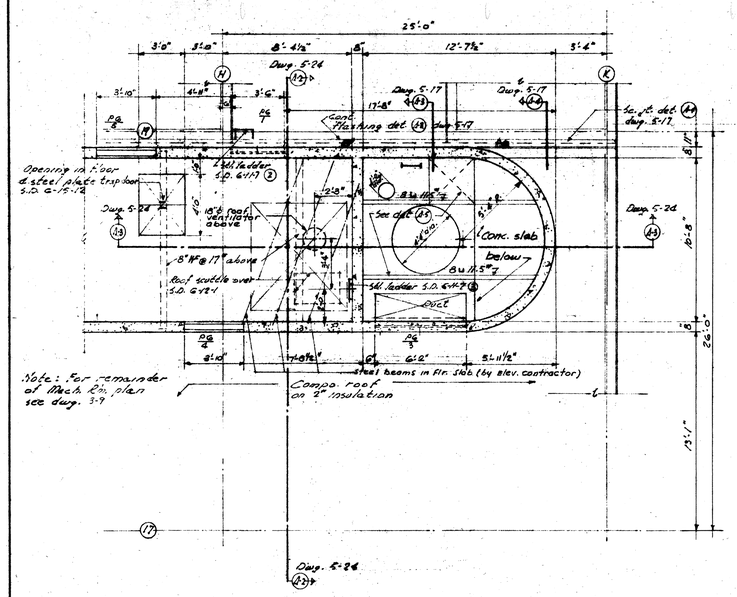
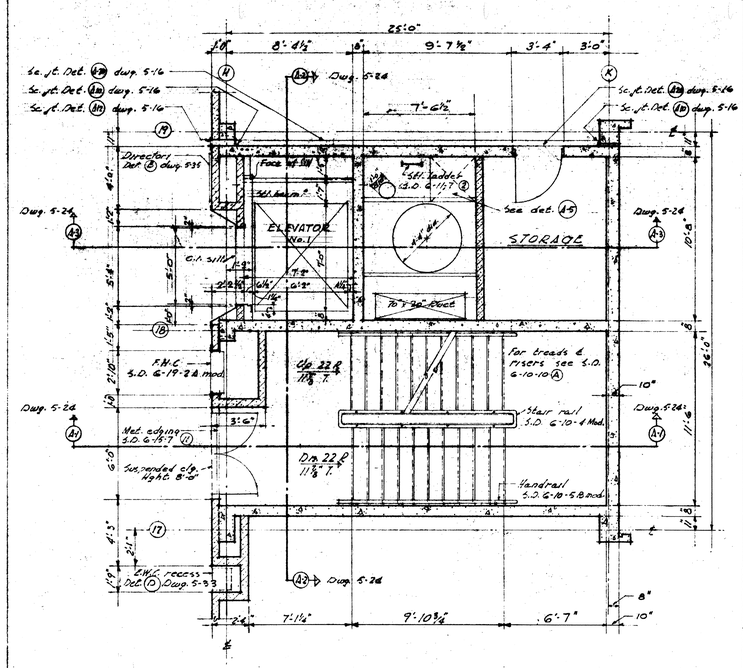
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | 5-044 | FILE NO. | |
| DRAWN BY | J.L., N.I. 2-22-52 | CHECKED BY | E.M.C. |
| DRAWING TITLE | STAIRS NO. 1 & NO. 1-A | | |
| B 20049 | ARCHITECTURAL | | |
| DRAWING NO. | 5-22 | | |

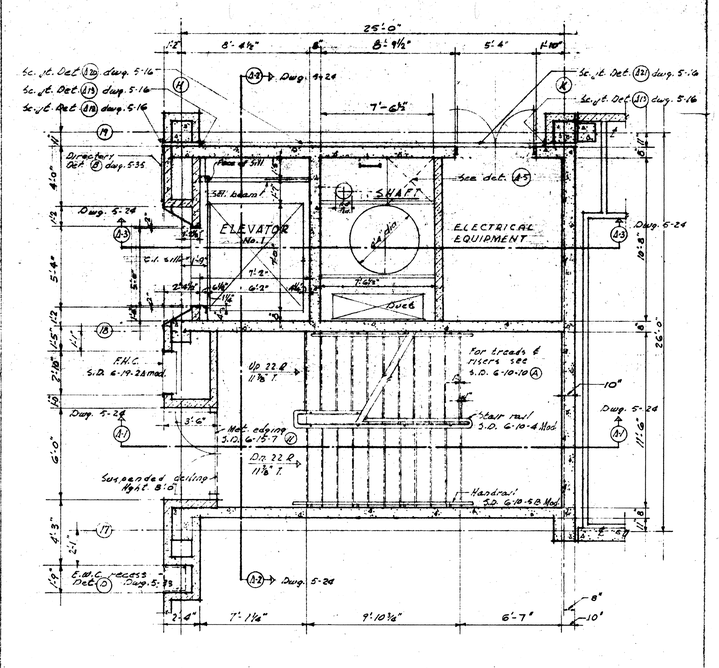
RETURN TO D & C DRAWING FILES ROOM



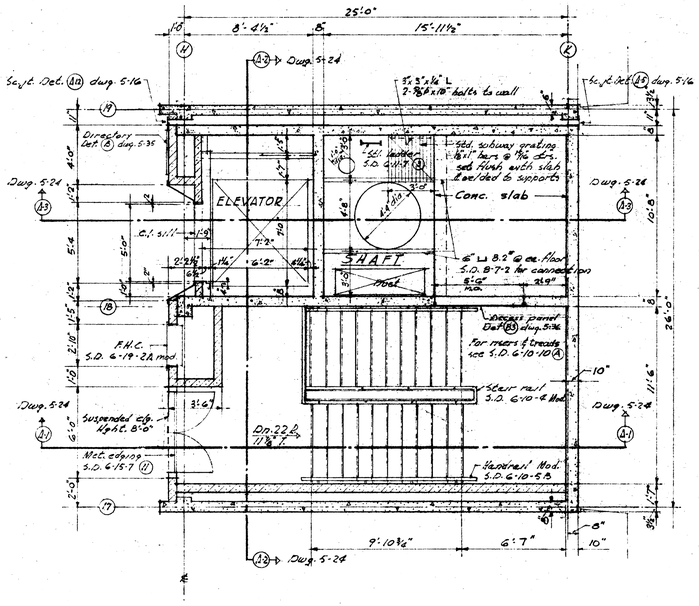

PLAN AT MACHINE ROOM



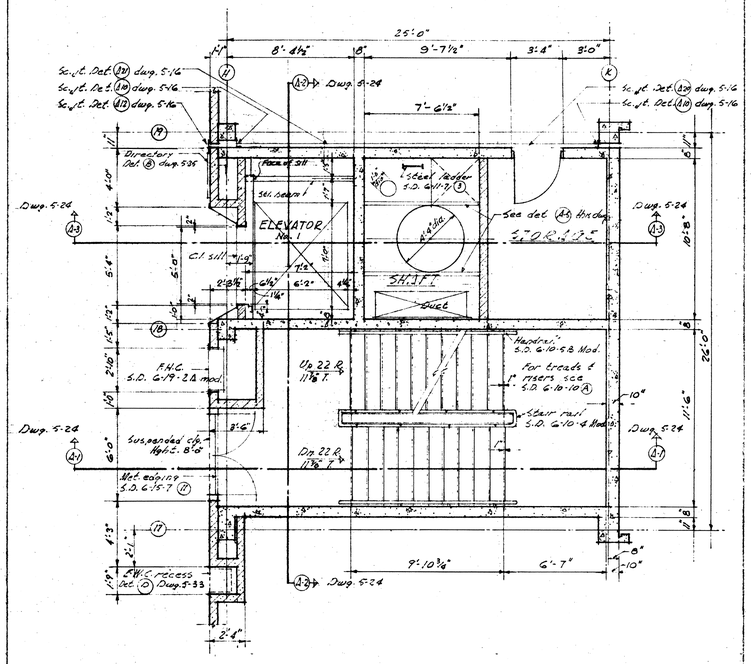

FOURTH FLOOD PLAN



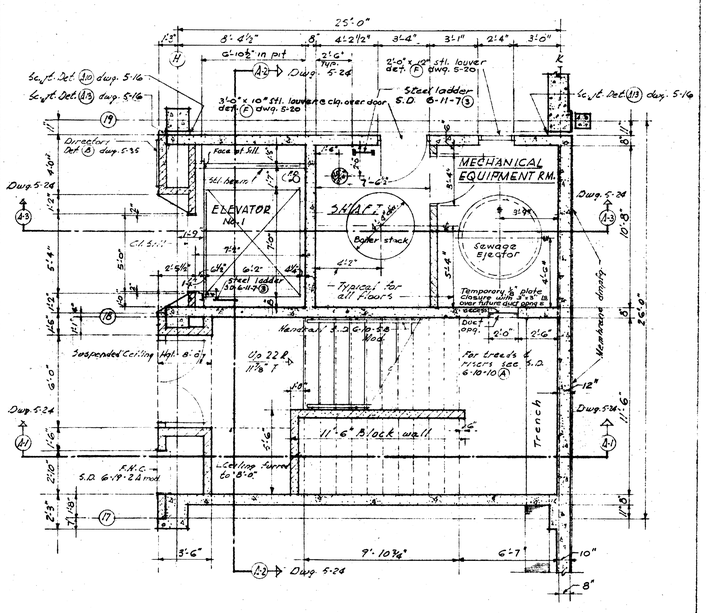

SECOND FLOOR PLAN




PLAN AT ROOF LEVEL




THIRD FLOOR PLAN




FIRST FLOOR PLAN

ELEVATOR NO. 1 (PASSENGER TYPE) STAIR NO. 2

NOTE: Elevator entrance details Det (A) dwg. 5-20



PEREIRA & LUCKMAN
AND
J. E. STANTON
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LOS ANGELES, CALIFORNIA
ROBERT W. DITZEN
ASSOCIATE ARCHITECT
BOULDER, COLORADO

| "ME" | "S" | "SF" | "DD" | "AD" |
|---|---|---|---|---|
| 3-19-54 | 3-24-54 | | 2-25-52 | 2-26-52 |

PUBLIC BUILDINGS SERVICE
GENERAL SERVICES ADMINISTRATION, WASHINGTON, D. C.

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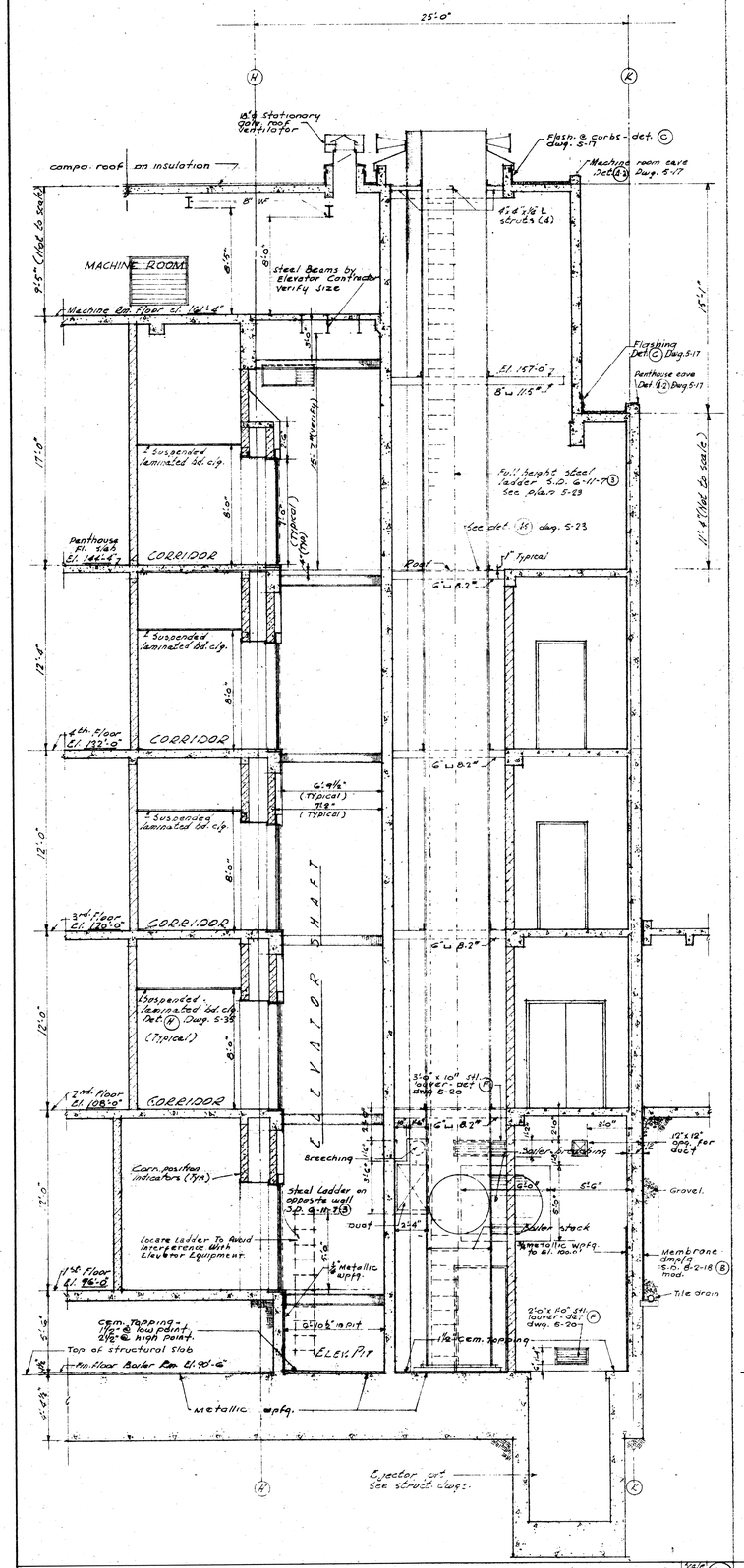
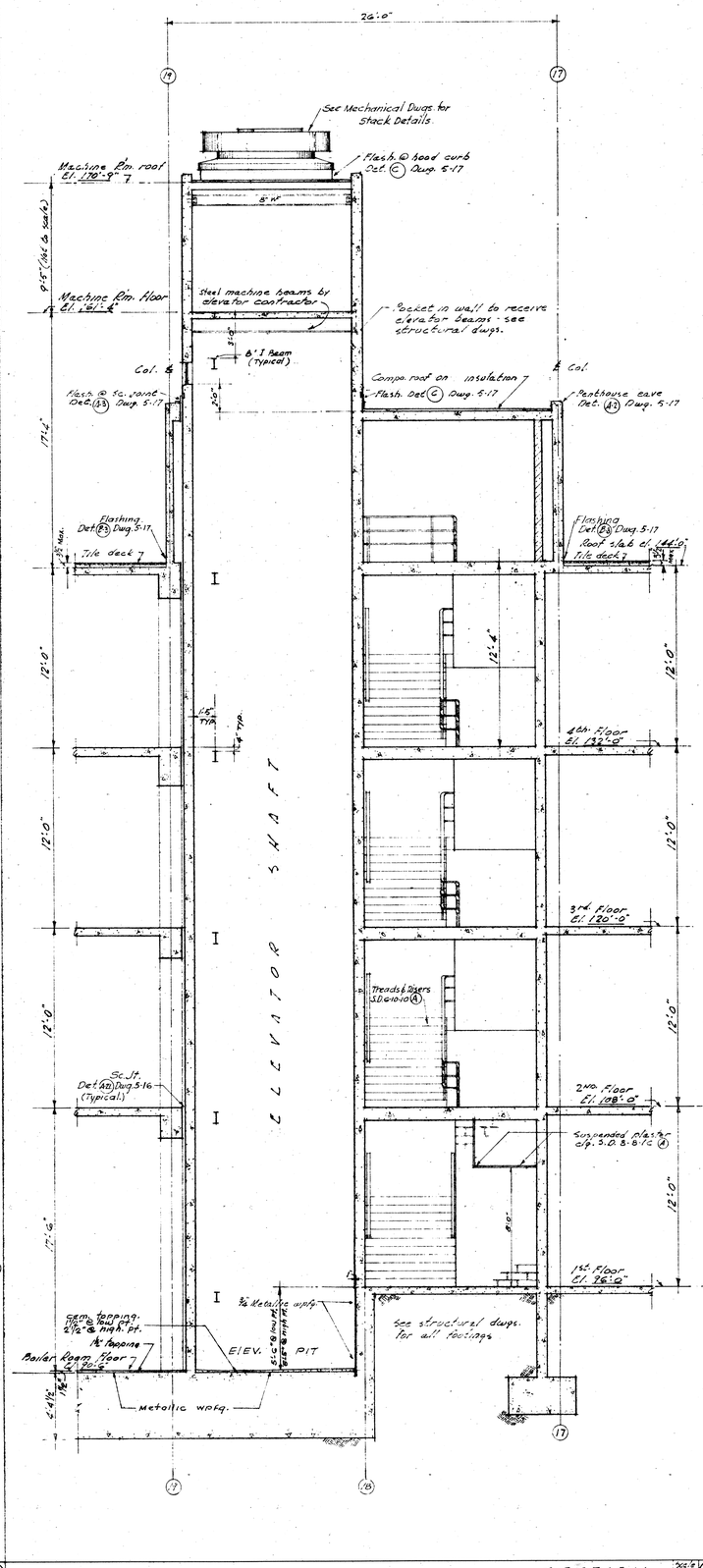
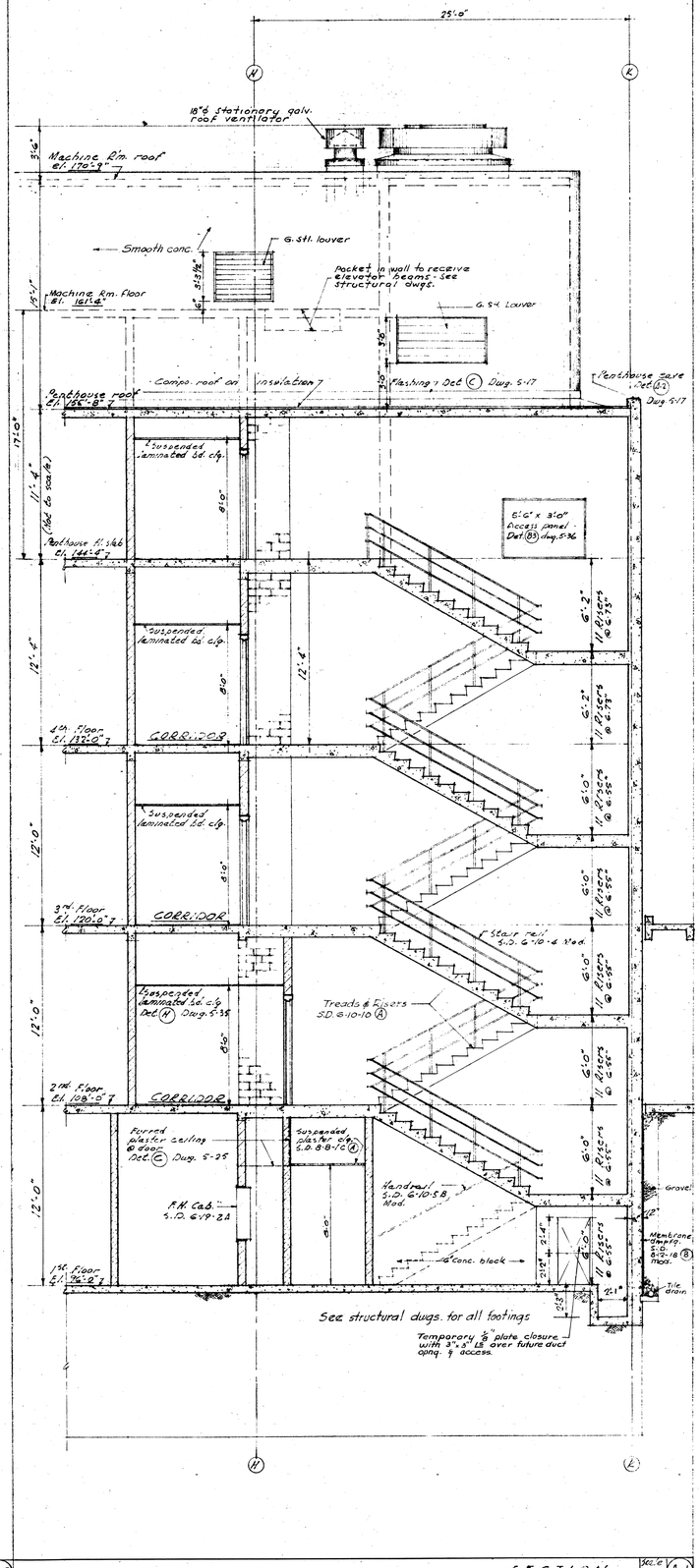
|---|---|---|---|
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | 5-044 | FILE NO. | |
| DRAWN BY | L.T. 2-22-52 | CHECKED BY | B.M.S. |
| DRAWING TITLE | STAIR NO. 2 & ELEVATOR NO. 1 | | |
| B20050 ARCHITECTURAL | | | |
| DRAWING NO. | 5-23 | | |




NOTE:
Elevator entrance details Det. A dwg. 5-20

MICROFILMED

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J. E. STANTON
ARCHITECTS AND ENGINEERS
LOS ANGELES, CALIFORNIA
ROBERT W. DITZEN
ASSOCIATE ARCHITECT
BOULDER, COLORADO

| "M" | "S" | "SF" | "DD" | "AD" |
|---|---|---|---|---|
| 5-14-52 | 3-24-52 | | 2-28-52 | 2-24-52 |

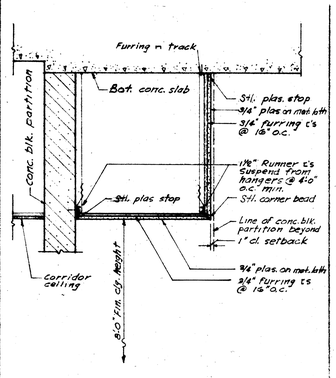
PUBLIC BUILDINGS SERVICE
GENERAL SERVICES ADMINISTRATION, WASHINGTON, D. C.

| | | | |
|---|---|---|---|
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | 5-044 | FILE NO. | |
| DRAWN BY | L.T. 2-22-52 | CHECKED BY | W.M.S. |
| DRAWING TITLE | STAIR NO. 2 & ELEVATOR NO. 1 | | |
| B-20051 | ARCHITECTURAL | | |
| DRAWING NO. | 5-24 | | |

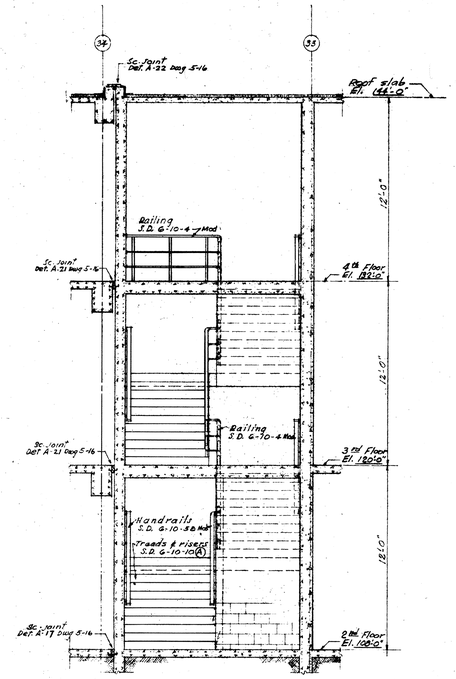
Scale: As Noted

A

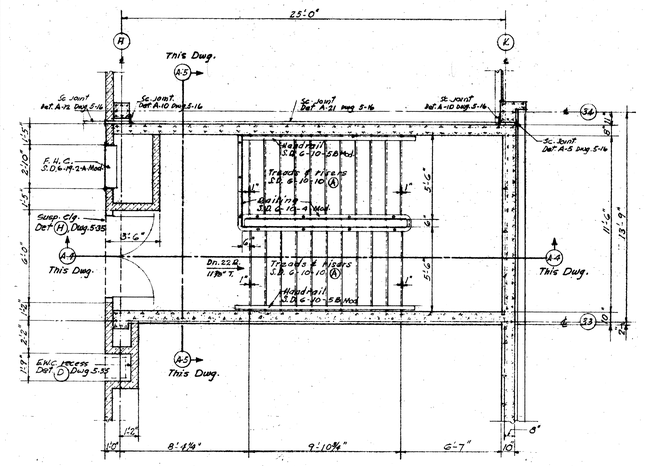
ELEVATOR NO. 1 (PASSENGER TYPE) & STAIR NO. 2



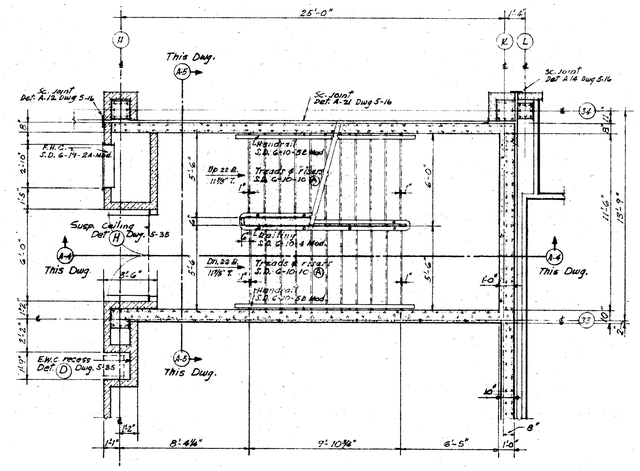

DET. SUSP. PLAS CLG. AT STAIR — Scale 3/4" — (C)



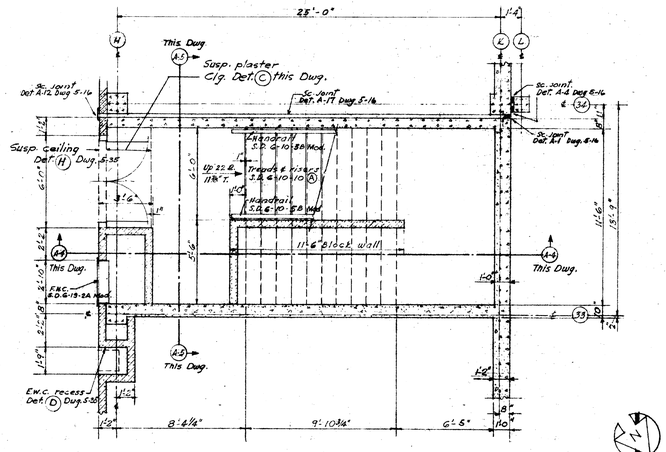

SECTION — Scale 1/4" — (A-5)




FOURTH FLOOR PLAN — Scale 1/4" — (A-3)

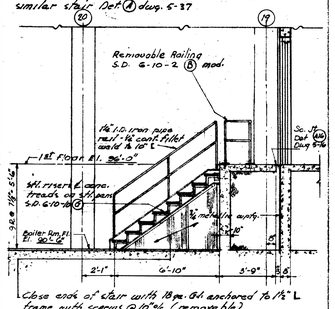



THIRD FLOOR PLAN — Scale 1/4" — (A-2)




SECOND FLOOR PLAN — Scale 1/4" — (A-1)

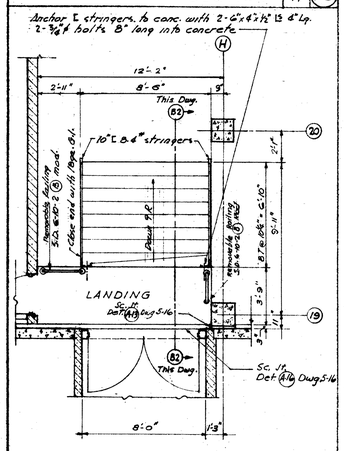
Note: for larger scale details of stair see similar stair Det. (A) dwg. S-27




Close end of stair with 18 ga. Stl. anchored to 1 1/2" L frame with screws @ 10" o.c. (removable)

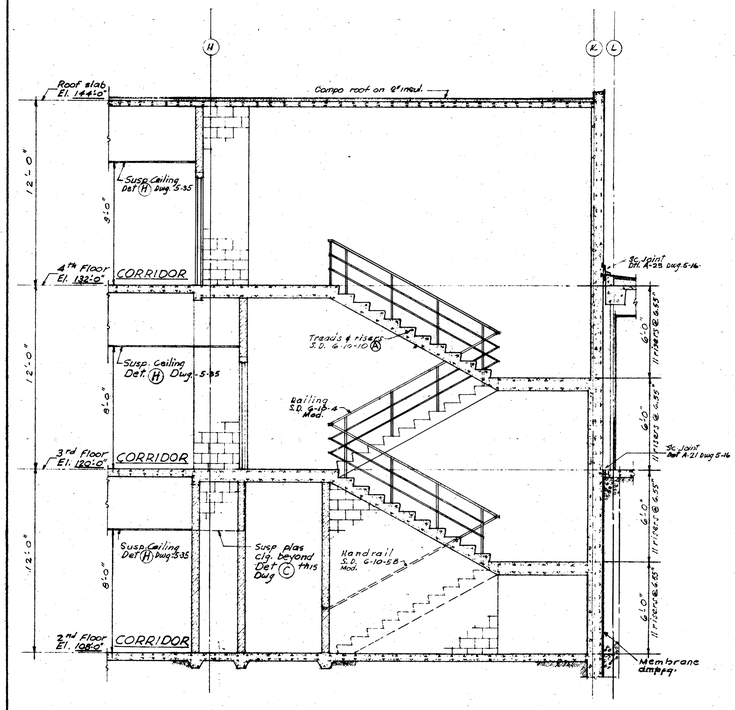
SECTION — Scale 1/4" — (B-2)

Anchor L stringers to conc. with 2-6"x6"x1/2" L's 6" Lg. 2-3/4" ϕ bolts 8" long into concrete




PLAN — Scale 1/4" — (B-1)

DETAILS OF STAIR NO. 5 — Scale as noted — (B)




SECTION — Scale 1/4" — (A-4)

DETAILS OF STAIR NO. 3 — Scale as noted — (A)

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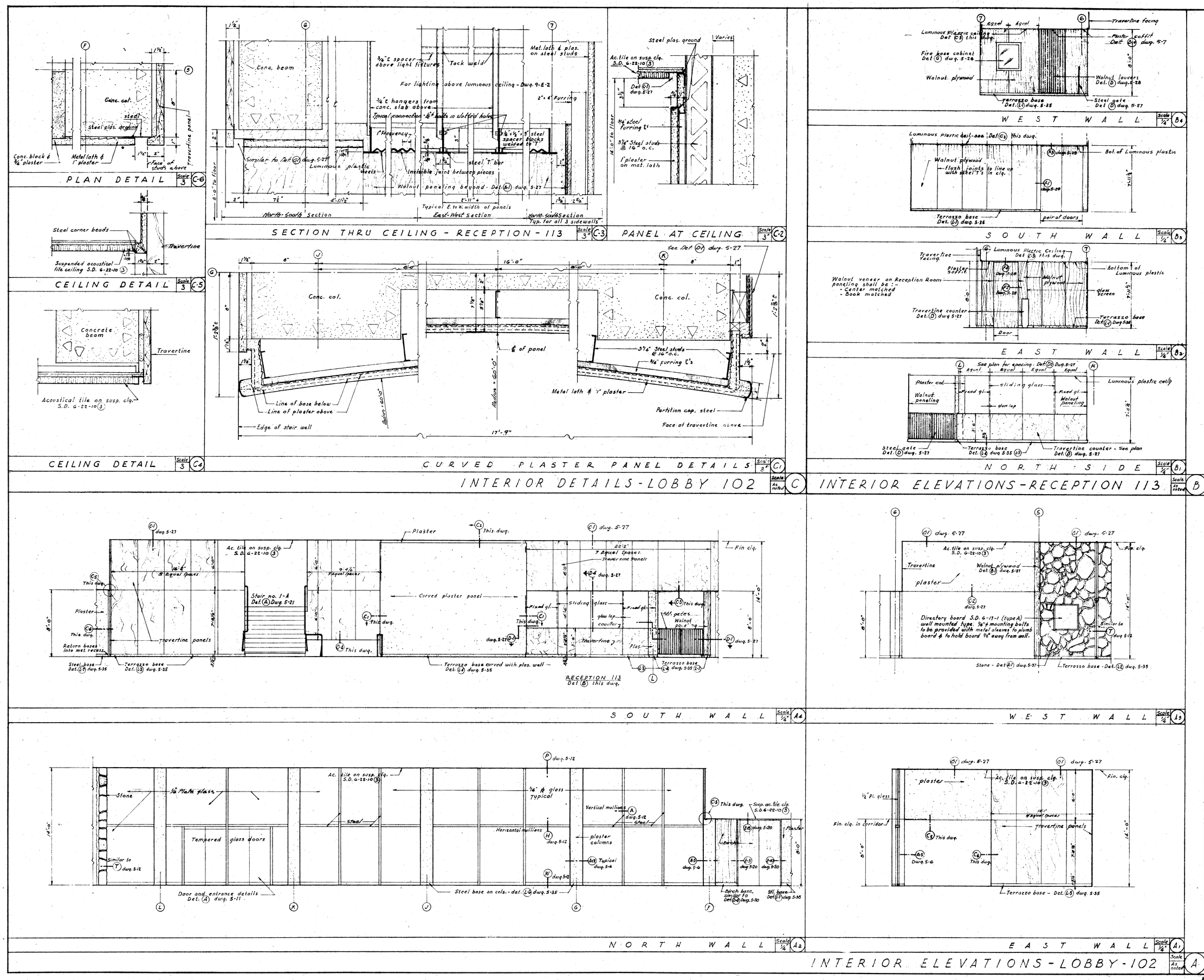
BOULDER, COLORADO

| | | | | |
|---|---|---|---|---|
| "ME" | "S" | "SP" | "DD" | "AD" |

PUBLIC BUILDINGS SERVICE
GENERAL SERVICES ADMINISTRATION, WASHINGTON, D.C.

| | | | |
|---|---|---|---|
| PROJECT | BOULDER LABORATORIES - NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | 5-044 | FILE NO. | |
| DRAWN BY | V.L.B., L.R. 2-22-52 | CHECKED BY | E.M.S. |
| DRAWING TITLE | STAIRS NO.3 & NO.5 | | |
| B20052 | ARCHITECTURAL | | |
| DRAWING NO. | 5-25 | | |

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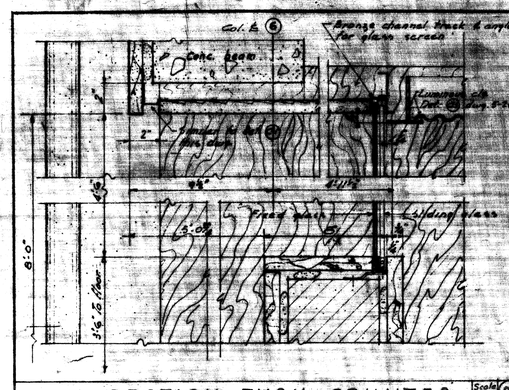
J. E. STANTON
ARCHITECTS AND ENGINEERS
LOS ANGELES, CALIFORNIA
ROBERT W. DITZEN
ASSOCIATE ARCHITECT
BOULDER, COLORADO

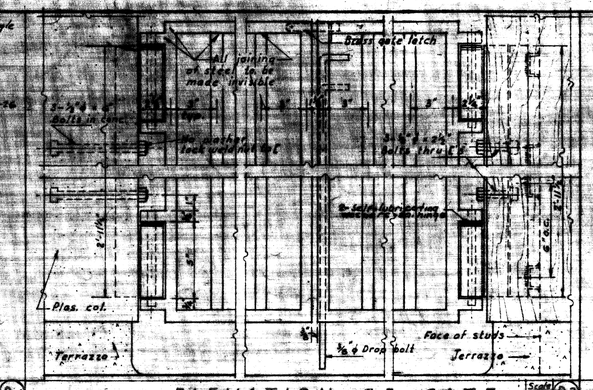
| "ME" | "S" | "SF" | "DD" | "AD" |
|---|---|---|---|---|
| | | | | |

PUBLIC BUILDINGS SERVICE
GENERAL SERVICES ADMINISTRATION, WASHINGTON, D. C.

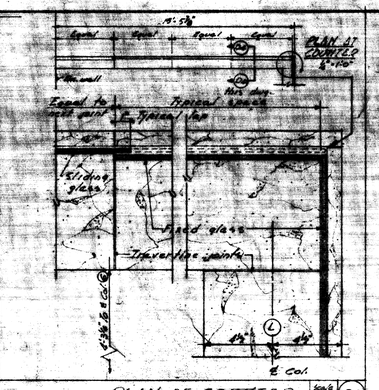
| | |
|---|---|
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS |
| LOCATION | BOULDER, COLORADO |
| STREET | STATE HIGHWAY 170 |
| PROJ. NO. | 6-644 FILE NO. |
| DRAWN BY | J.A., R.M. 2-22-52 CHECKED BY S.M.G. |
| DRAWING TITLE | LOBBY INTERIORS |
| | B-20053 ARCHITECTURAL |
| DRAWING NO. | 5-26 |



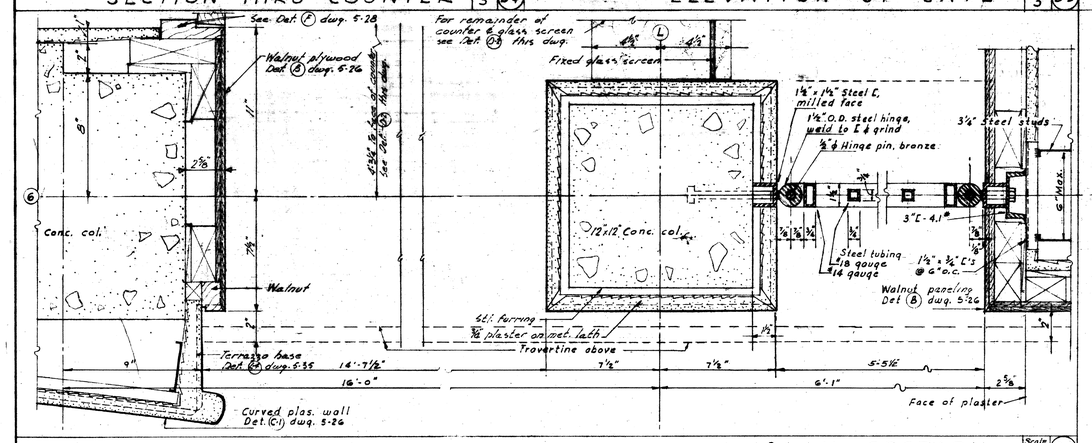

SECTION THRU COUNTER Scale 3" D-4




ELEVATION OF GATE Scale 3" D-3

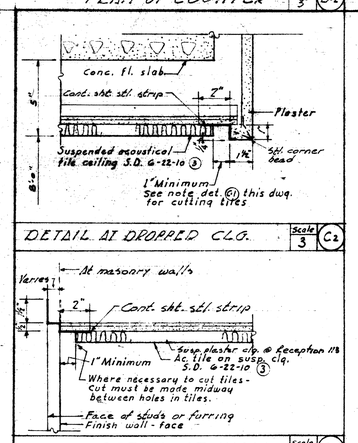



PLAN OF COUNTER Scale 3" D-2




PLAN SECTION Scale 3" D-1

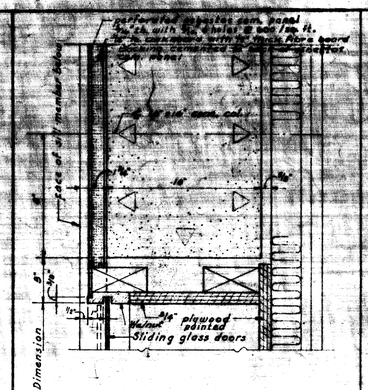
COUNTER & GATE - RECEPTION - 113 Scale As noted D



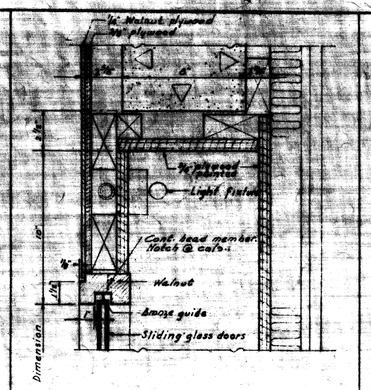

DETAIL AT DROPPED CLG. Scale 3 C-2

DETAIL AT WALL Scale 3" C-1

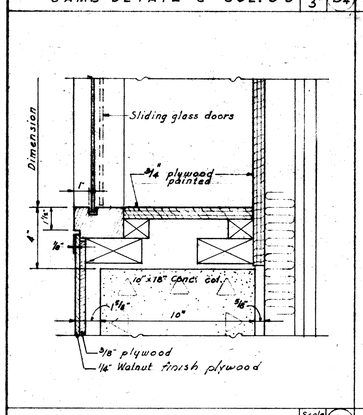
AC. TILE CLG. DETAILS Scale As noted C



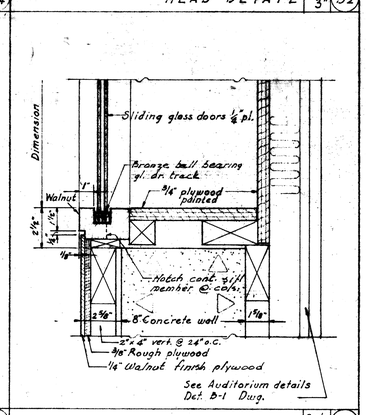

JAMB DETAIL @ COL. O-5 Scale 3" B-4




HEAD DETAIL Scale 3" B-2

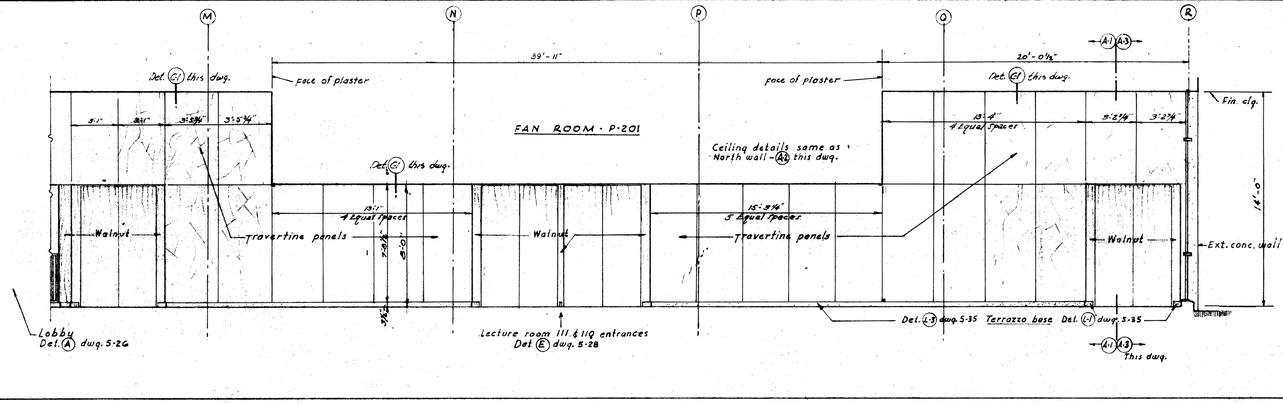



JAMB DETAIL @ COLS. N-5, P-5 Scale 3" B-3

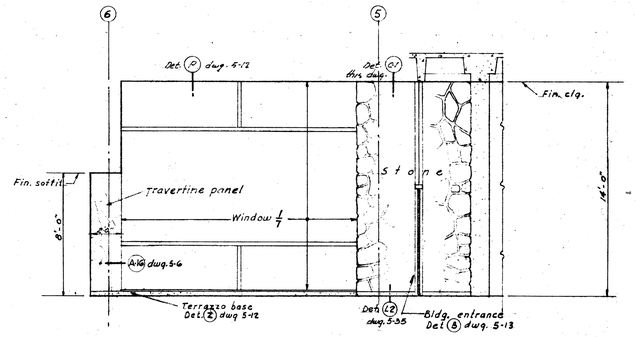



SILL DETAIL Scale 3" B-1

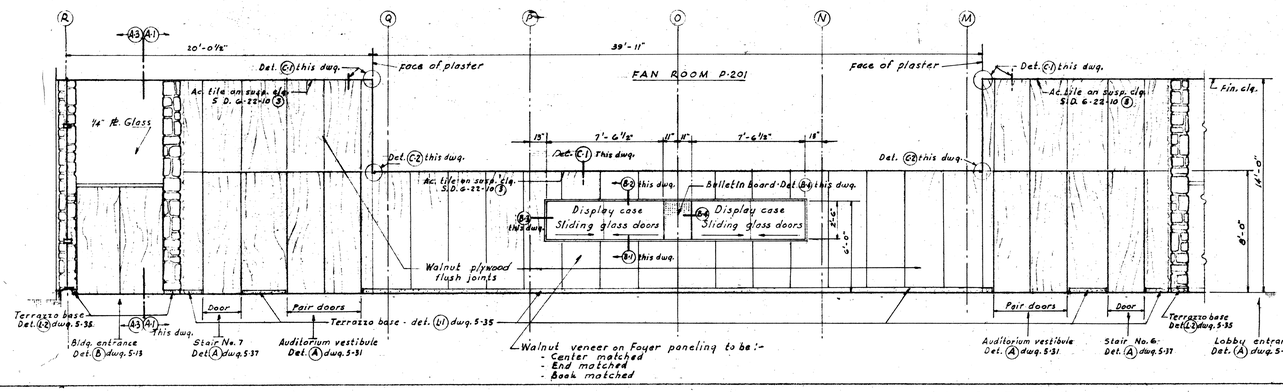
DISPLAY CASE DETAILS Scale As noted B



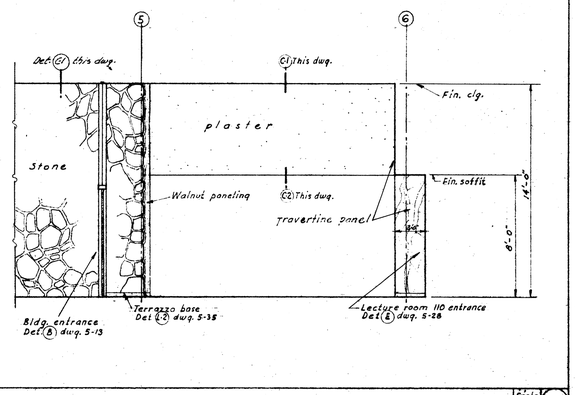

SOUTH WALL Scale ¼" A4




WEST WALL Scale ¼" A3




NORTH WALL Scale ¼" A2




EAST WALL Scale ¼" A1

INTERIOR ELEVATIONS FOYER - 103 Scale As noted A

Note: See Det. (U) dwg. 5-36 for typical wood furring details



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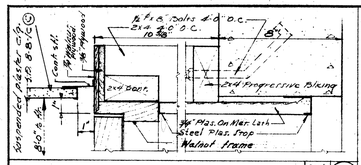
ASSOCIATE ARCHITECT
BOULDER, COLORADO

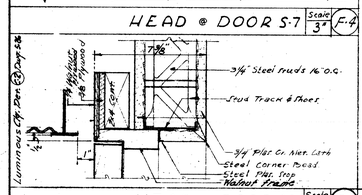
| | | | | | |
|---|---|---|---|---|---|
| Date 3-14-52 | Date 3-24-52 | | | Date 3-24-52 | |
| "WP" | "S" | "SF" | "DD" | "AD" | |

PUBLIC BUILDINGS SERVICE
GENERAL SERVICES ADMINISTRATION, WASHINGTON, D. C.

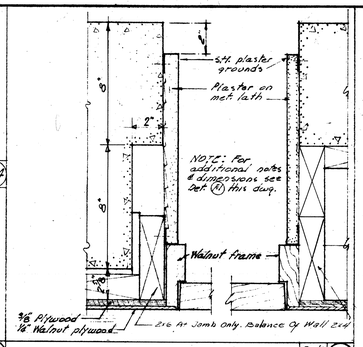
| | | | |
|---|---|---|---|
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | B-044 | FILE NO. | |
| DRAWN BY | J.G., E.M., L.T. 2-22-52 | CHECKED BY | E.M.S. |
| DRAWING TITLE | FOYER INTERIORS | | |
| | B-20054 ARCHITECTURAL | | |
| DRAWING NO. | 5-27 | | |



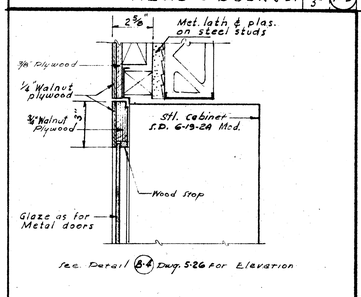

HEAD @ DOOR S-7 Scale 3" E-4



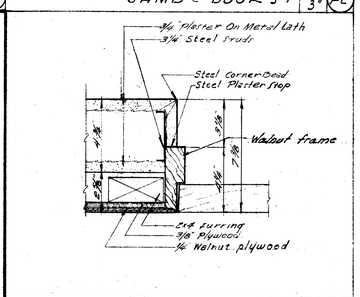

HEAD @ DOOR S-24 Scale 3" E-3




JAMB @ DOOR S-7 Scale 3" E-2

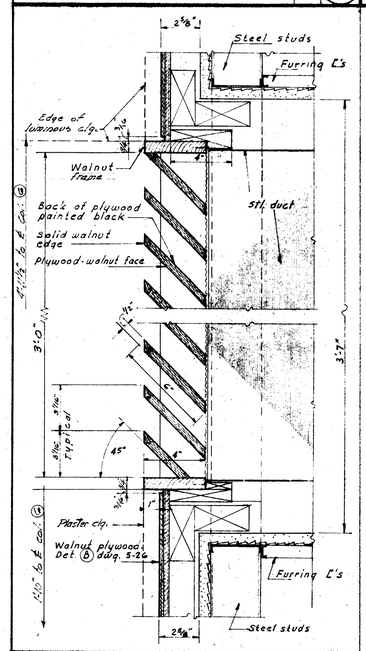



F.H.C. DET'L.-RECEPTION Scale 3" G

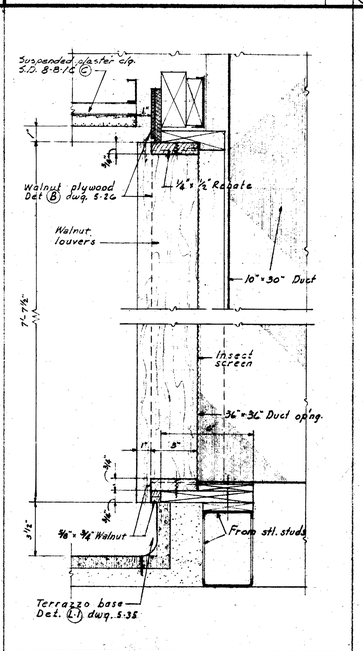



JAMB @ DOOR S-24 Scale 3" F-1

RECEPTION ROOM DOOR DETAILS Scale As noted F

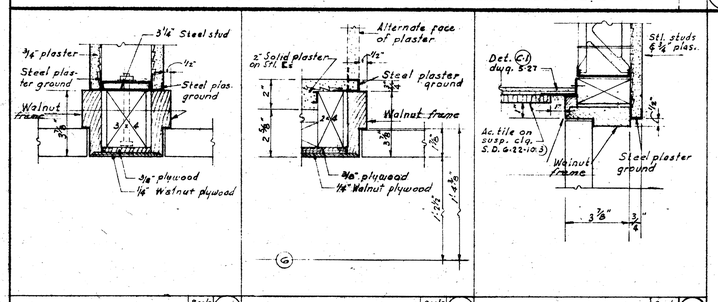



HORIZONTAL SECTION Scale 3" D2



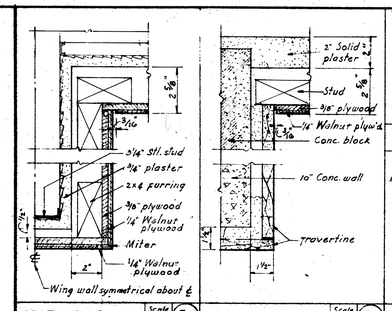

VERTICAL SECTION Scale 3" D1

GRILLE DETAILS-RECEPTION #113 Scale D




MULLION Scale 3" C3 | JAMB Scale 3" C2 | HEAD Scale 3" C1

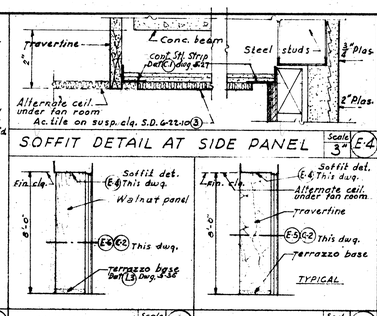
LECTURE ROOM DOOR DETAILS Scale As noted C



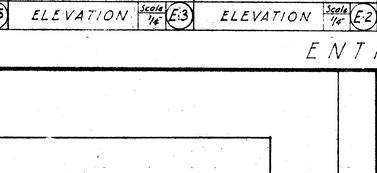

SECTION AT WALL Scale 3" E-6




SECTION AT WALL Scale 3" E-5



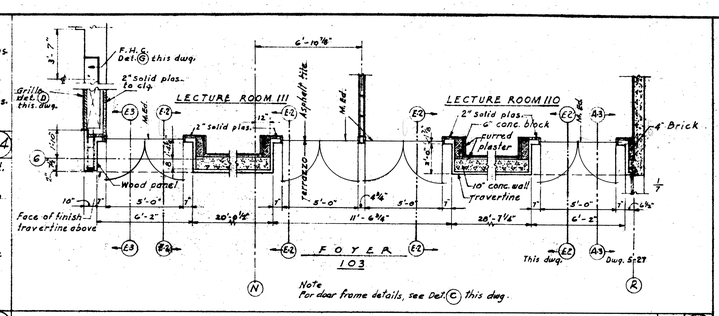

SOFFIT DETAIL AT SIDE PANEL Scale 3" E-4




ELEVATION Scale 1/4" E-3

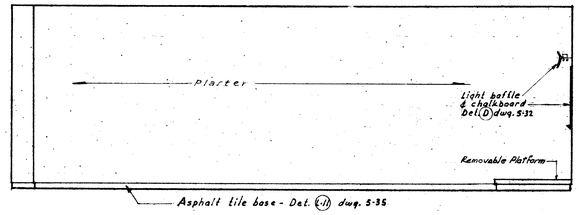



ELEVATION Scale 1/4" E-2

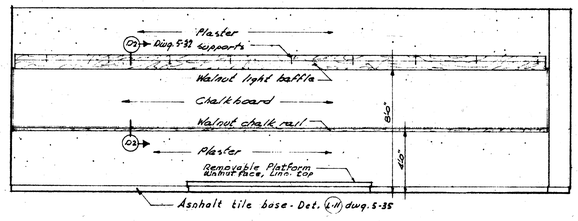



FLOOR PLAN Scale 1/4" E-1

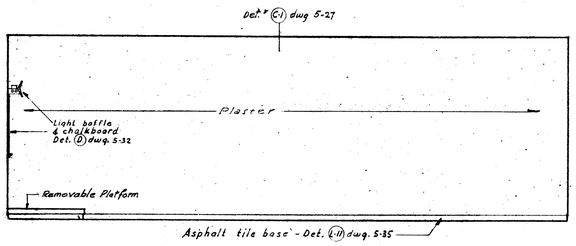
ENTRANCE DETAILS – LECTURE ROOMS Scale As noted E



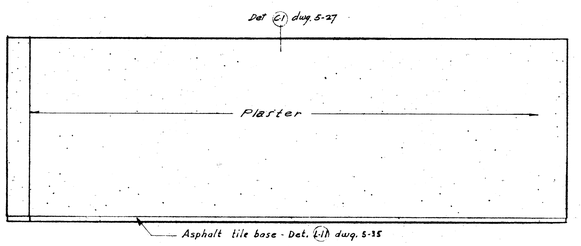

EAST WALL Scale 1/4" B-4



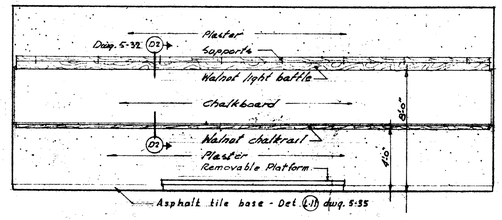

WEST WALL Scale 1/4" A-4



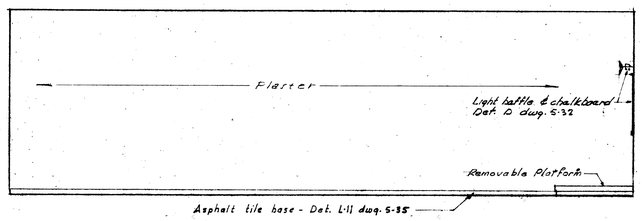

WEST WALL Scale 1/4" B-3



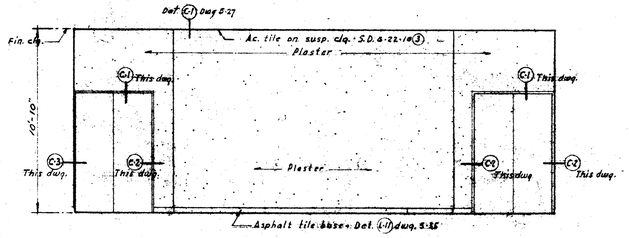

EAST WALL Scale 1/4" A-3



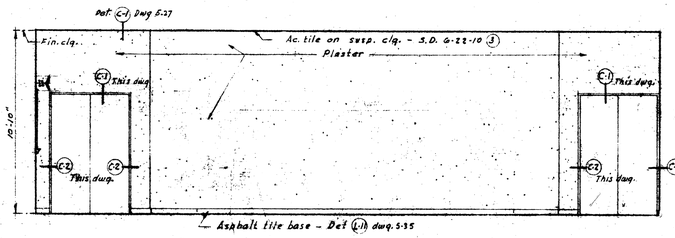

SOUTH WALL Scale 1/4" B-2




SOUTH WALL Scale 1/4" A-2




NORTH WALL Scale 1/4" B-1




NORTH WALL Scale 1/4" A-1

INTERIOR ELEVATIONS LECTURE ROOM 111 Scale As Noted B

INTERIOR ELEVATIONS LECTURE ROOM 110 Scale As Noted A

Note:
1. See Det. (L) dwg. 5-35 for typical wood furring details
2. See dwg. 5-20 for door frame details



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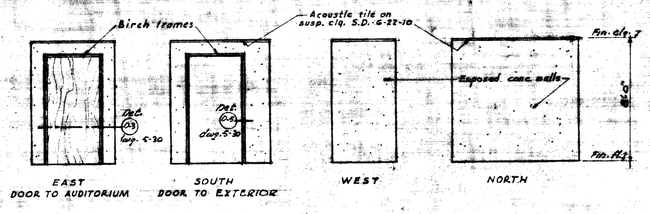
ROBERT W. DITZEN
ASSOCIATE ARCHITECT
BOULDER, COLORADO

| "ME" | "S" | "SP" | "DD" | "AD" |
|---|---|---|---|---|
| 3-14-52 | 3-14-52 | | 6-13-52 REV | 8-26-52 REV |

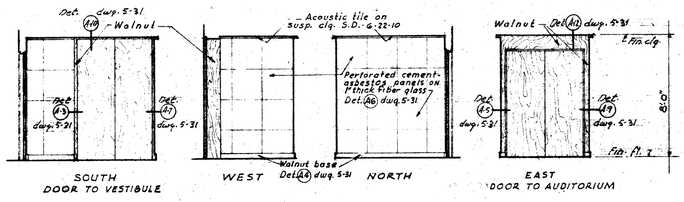
PUBLIC BUILDINGS SERVICE
GENERAL SERVICES ADMINISTRATION, WASHINGTON, D.C.

| | | | |
|---|---|---|---|
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | B-044 | FILE NO. | |
| DRAWN BY | J.G., J.M. 2-22-52 | CHECKED BY | R.M.S. |
| DRAWING TITLE | LECTURE ROOM INTERIORS | | |
| | B20055 ARCHITECTURAL | | |
| DRAWING NO. | 5-28 | | |



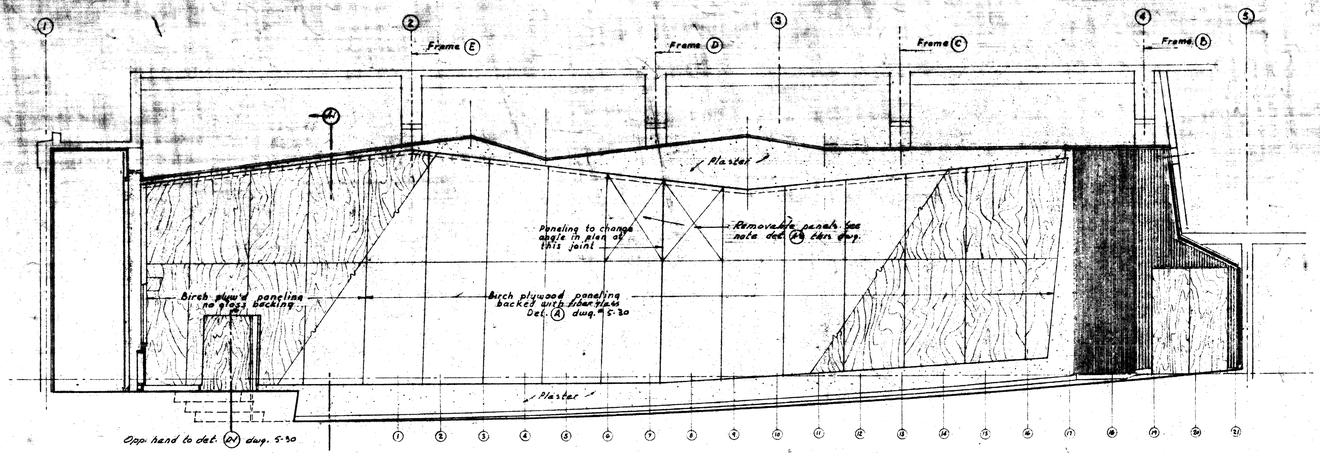

Note: Refer to det. (A) dwg. 5-13 for additional det.

WALL ELEVATIONS VESTIBULES ROOMS 108 & 109 — Scale 1/4" — A-6



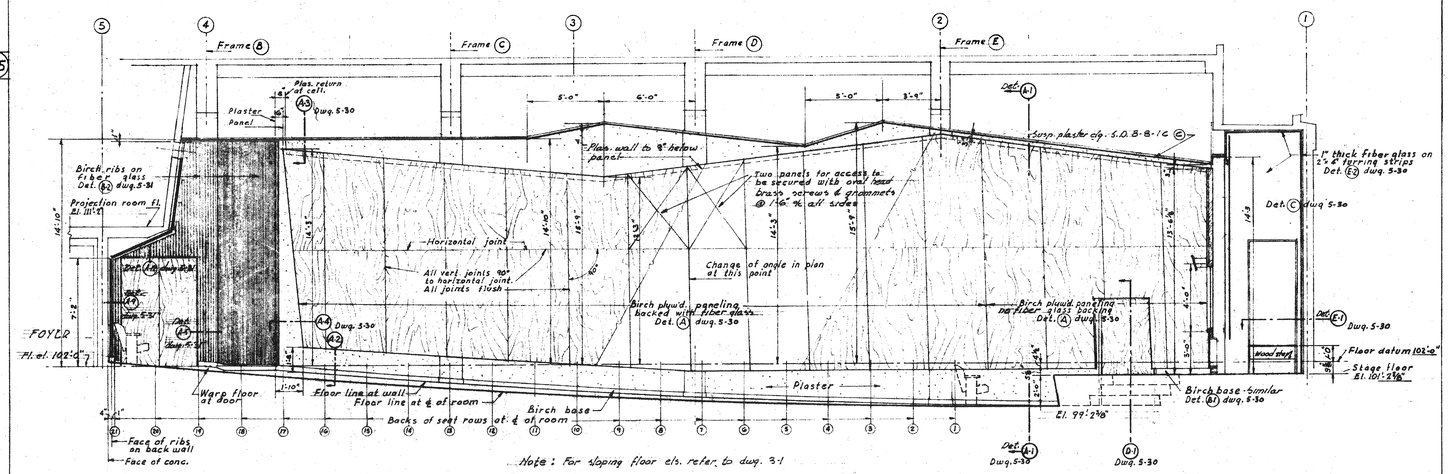

Compass directions shown, apply to room #105
Opposite points apply to room #104

WALL ELEVATIONS VESTIBULE 104 & 105 — Scale 1/4" — A-5



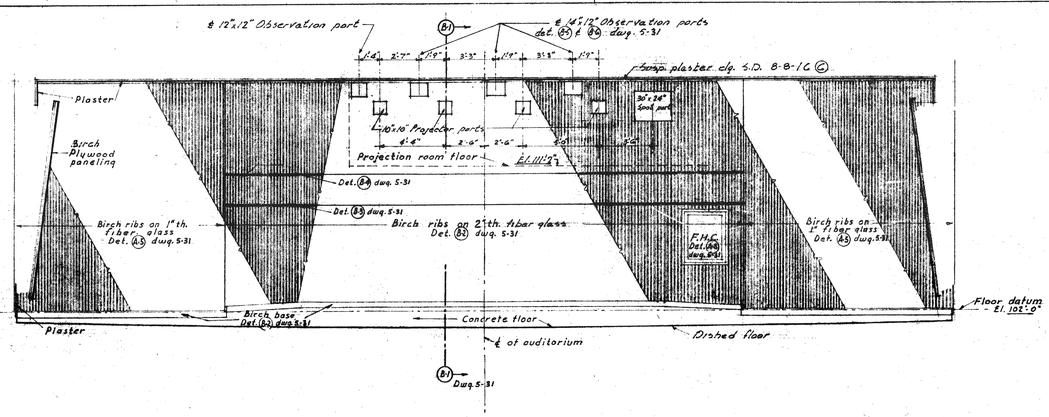

Note: See det. A3 this dwg. for detail references & general notes

EAST WALL ELEVATION — Scale 1/4" — A-4

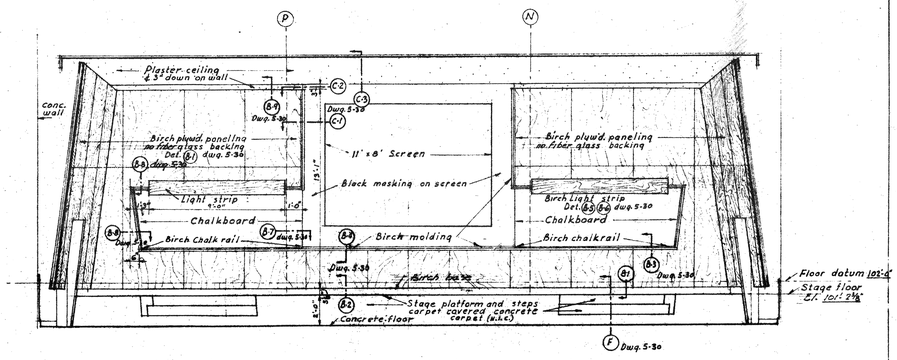



Note: For sloping floor els. refer to dwg. 3-1

WEST WALL ELEVATION — Scale 1/4" — A-3




SOUTH WALL ELEVATION — Scale 1/4" — A-2




Birch veneer on all plywood paneling in Auditorium shall be;-
-Center matched
-End matched
-Book matched

NORTH WALL ELEVATION — Scale 1/4" — A-1

AUDITORIUM INTERIOR ELEVATIONS — Scale Noted — A

Note:
Provide wood nailers at edge of all carpeted areas & as otherwise necessary to secure carpet. Det. (H) dwg. 5-31



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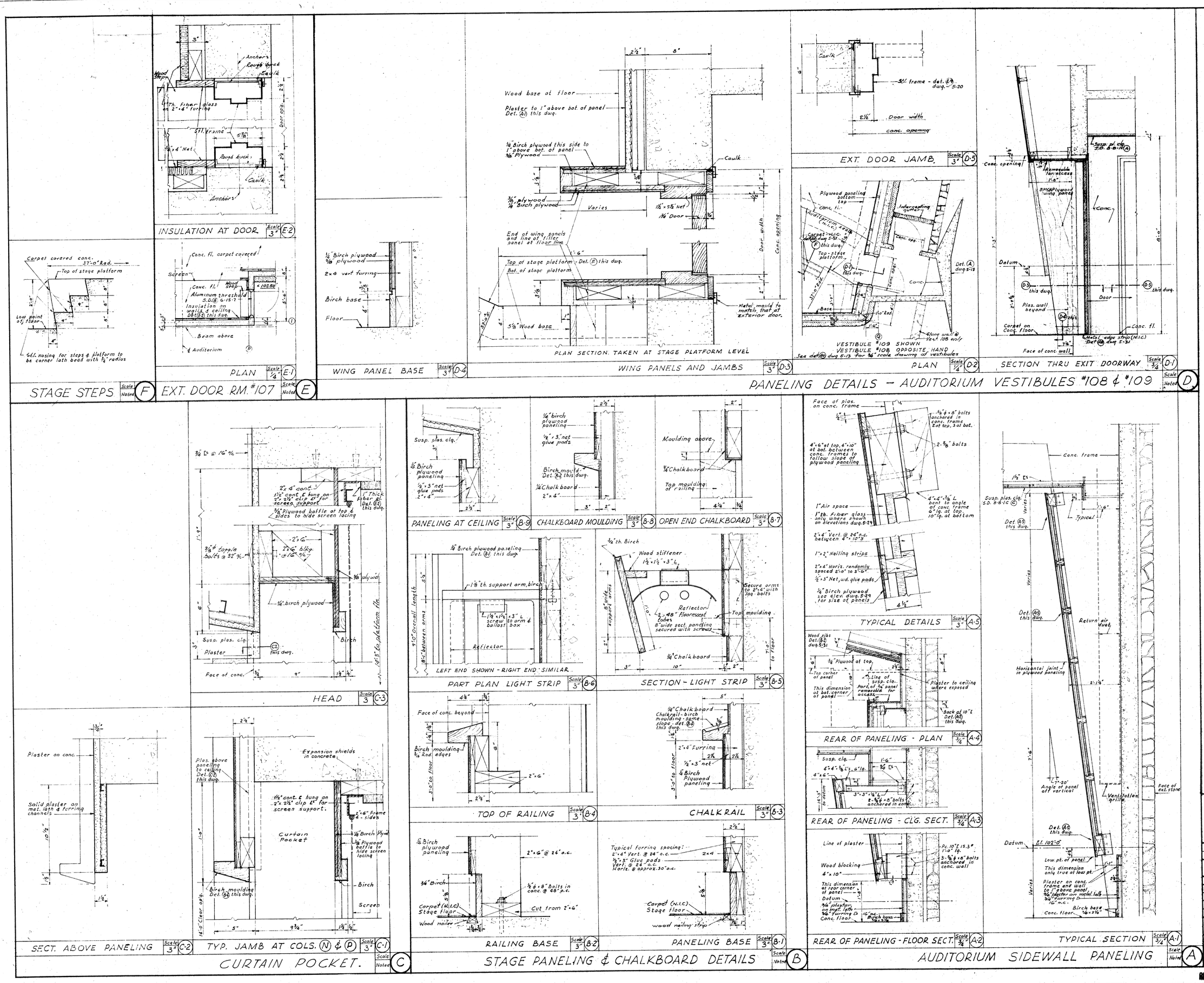
BOULDER, COLORADO

| | | | | |
|---|---|---|---|---|
| "ME" | "S" | "SP" | "DD" | "AD" |

PUBLIC BUILDINGS SERVICE
GENERAL SERVICES ADMINISTRATION, WASHINGTON, D.C.

| | | | |
|---|---|---|---|
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | B-044 | FILE NO. | |
| DRAWN BY | R.M. | 2-22-57 | CHECKED BY W.M.S. |
| DRAWING TITLE | AUDITORIUM INTERIORS | | |
| B-20056 | ARCHITECTURAL | | |
| DRAWING NO. | 5-29 | | |




Notes:
1. See detail (J) dwg 5-36 for typical wood furring details
2. See dwg 5-20 for door frame notes.
3. Carpet where noted or shown is N.I.C.



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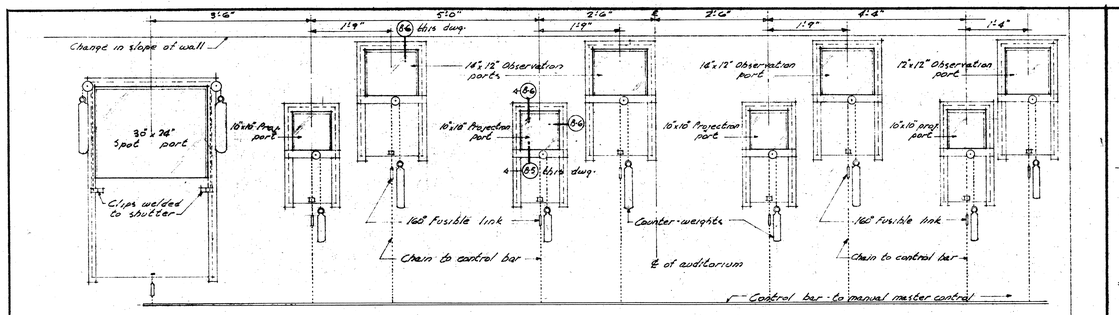
BOULDER, COLORADO

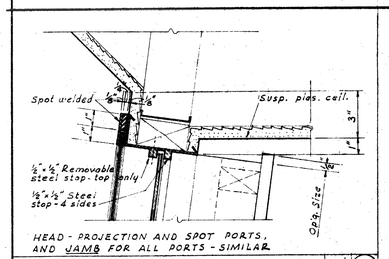
| 3/4/54 | 3/4/54 | 3-16-54 | | 3-24-54 |
|---|---|---|---|---|
| "ME" | "S" | "SP" | "DD" | "AD" |

PUBLIC BUILDINGS SERVICE
GENERAL SERVICES ADMINISTRATION, WASHINGTON, D.C.

| | | | |
|---|---|---|---|
| PROJECT | ROCKY MOUNTAIN LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | 8-044 | FILE NO. | |
| DRAWN BY | R.M. | 2-22-52 | CHECKED BY E.M.S. |
| DRAWING TITLE | AUDITORIUM INTERIORS | | |
| | ARCHITECTURAL | | |
| DRAWING NO. | 5-30 | | |

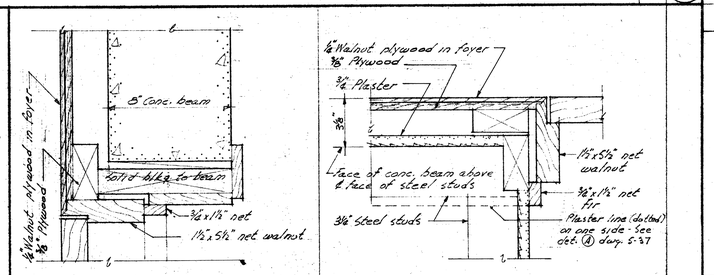



INTERIOR ELEVATION OF PORTS — Scale 3/4" — D



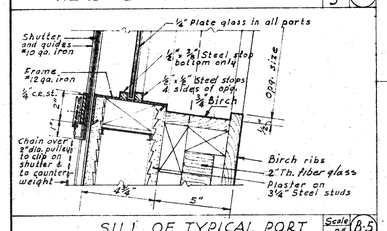

HEAD - PROJECTION AND SPOT PORTS, AND JAMB FOR ALL PORTS - SIMILAR

HEAD - OBSERVATION PORTS — Scale 3" — B-6

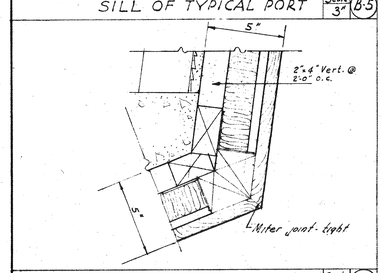



HEAD DETAIL (C-2) — JAMB DETAIL (C-1)

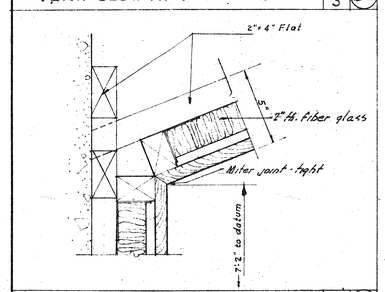
DOOR FRAME TO STAIRS #7 & #8 — Scale 3" — C



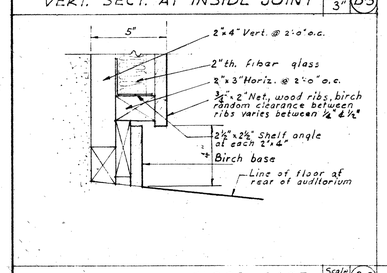

SILL OF TYPICAL PORT — Scale 3" — B-5



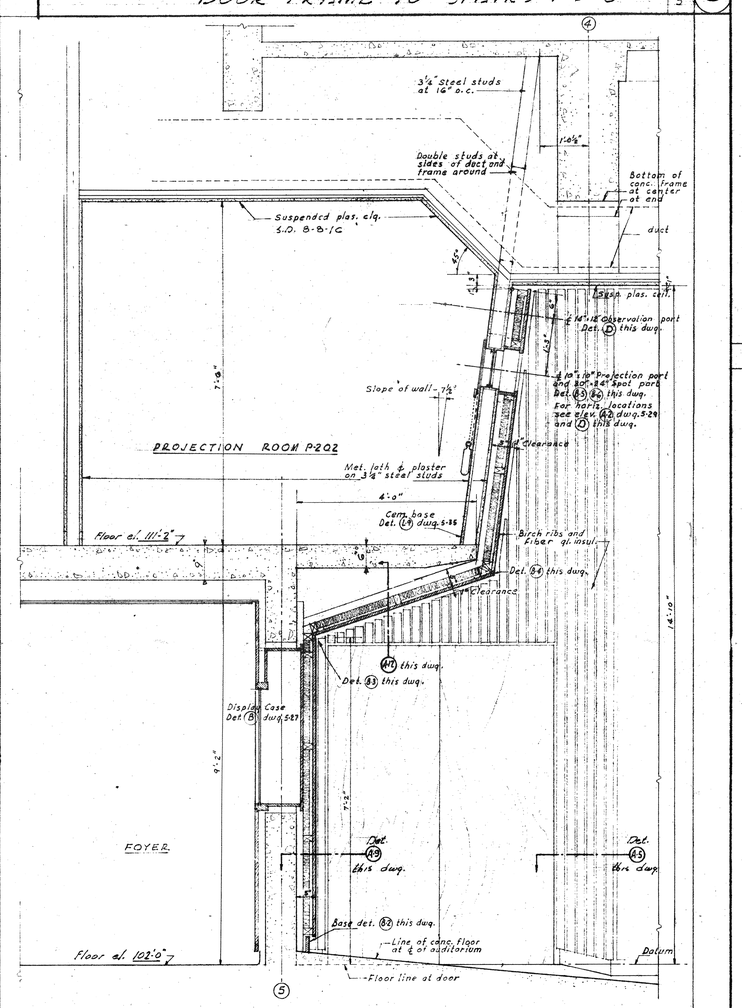

VERT. SECT. AT OUTSIDE JOINT — Scale 3" — B-4




VERT. SECT. AT INSIDE JOINT — Scale 3" — B-3

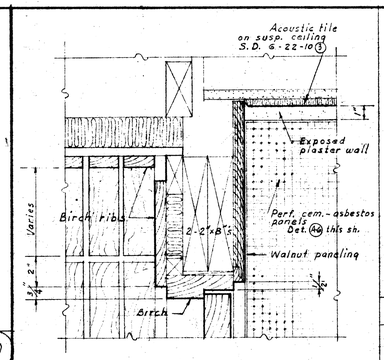



FLOOR BASE — Scale 3" — B-2

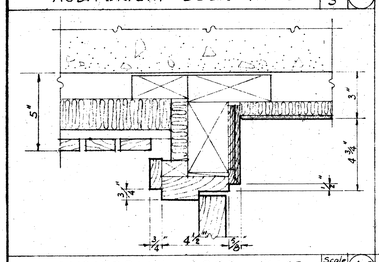



SECTION - REAR WALL & PROJECTION ROOM — Scale 3/4" — B-1

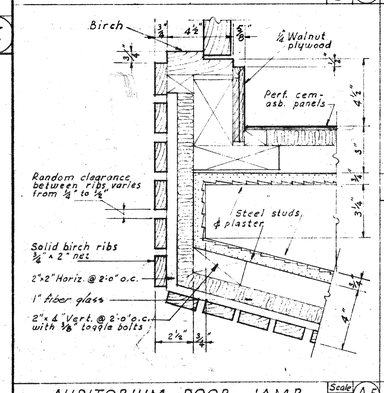
RIB WALL DETAILS - REAR WALL AUDITORIUM — Scale Noted — B



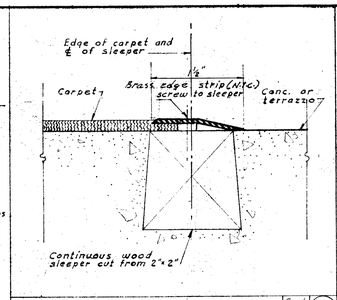

AUDITORIUM DOOR HEAD — Scale 3" — A-12



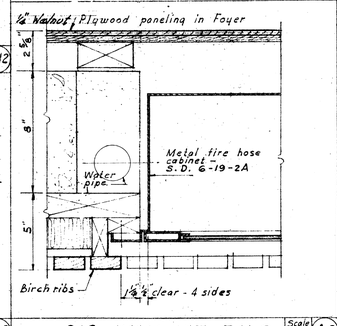
AUDITORIUM DOOR JAMB — Scale 3" — A-9



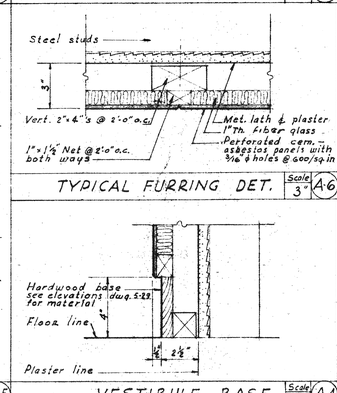

AUDITORIUM DOOR JAMB — Scale 3" — A-5




CARPET EDGE STRIP — Scale F.S. — A-11

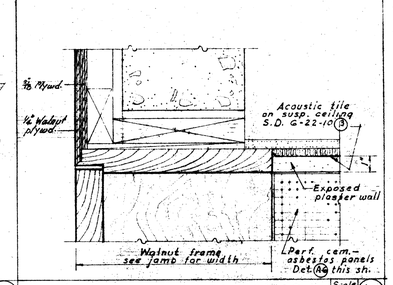



RIB WALL AT F.H.C. — Scale 3" — A-8

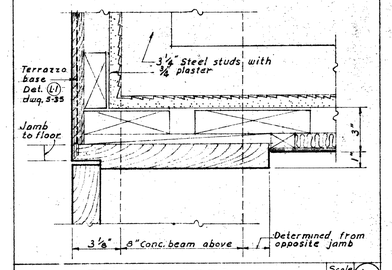



TYPICAL FURRING DET. — Scale 3" — A-6

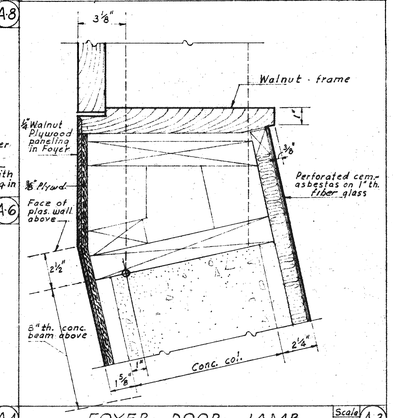
VESTIBULE BASE — Scale 3" — A-4



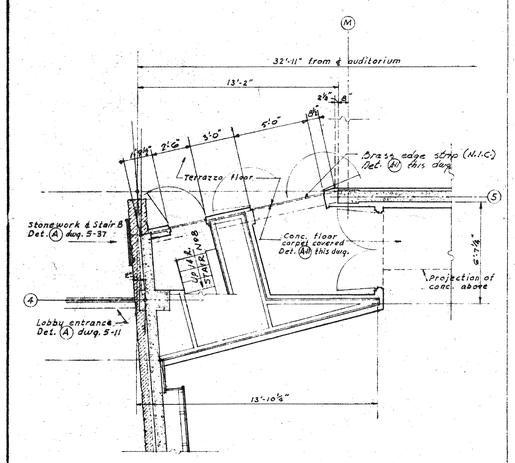

FOYER DOOR HEAD — Scale 3" — A-10




FOYER DOOR JAMB — Scale 3" — A-7



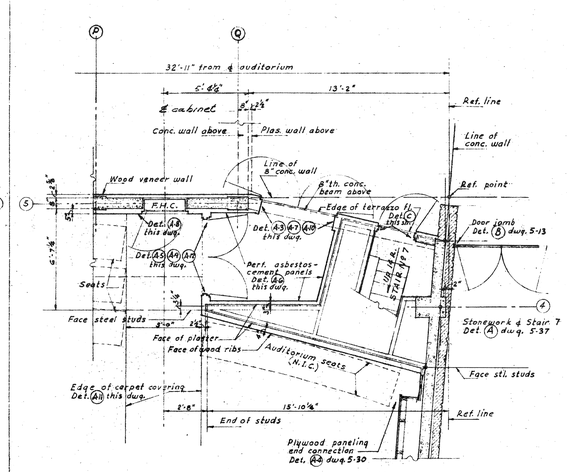

FOYER DOOR JAMB — Scale 3" — A-3




THIS VESTIBULE IDENTICAL TO VESTIBULE #105 EXCEPT OPPOSITE HAND

Note: Refer to Det. (H) this dwg. for additional dimensions & notes.

PLAN ENTRANCE VESTIBULE #104 — Scale 1/4" — A-2




Note: Refer to Det. (H) this dwg. for additional dimensions & notes.

PLAN ENTRANCE VESTIBULE #105 — Scale 1/4" — A-1

AUDITORIUM ENTRANCE VESTIBULES — Scale Noted — A

Note:
1. See dwg. 5-20 for door frame notes.
2. For typical wood furring det. see Det. J dwg. 5-36
3. Carpet, where noted or drawn, is N.I.C.



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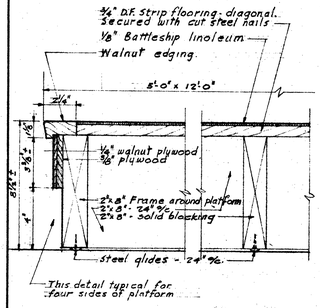
BOULDER, COLORADO

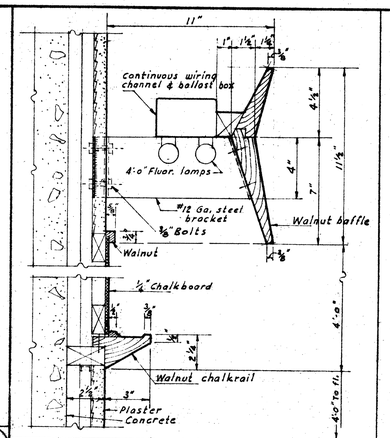
| | | | |
|---|---|---|---|
| "ME" | "S" | "SP" | "DO" "AD" |

PUBLIC BUILDINGS SERVICE
GENERAL SERVICES ADMINISTRATION, WASHINGTON, D.C.

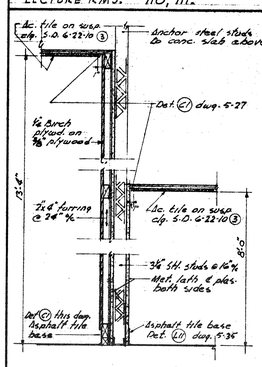
| | |
|---|---|
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS |
| LOCATION | BOULDER, COLORADO |
| STREET | STATE HIGHWAY 170 |
| PROJ. NO. | B-044 / FILE NO. |
| DRAWN BY | R.M., L.T. / CHECKED BY E.M.S. |
| DRAWING TITLE | AUDITORIUM INTERIORS |
| | B20058 ARCHITECTURAL |
| DRAWING NO. | 5-31 |



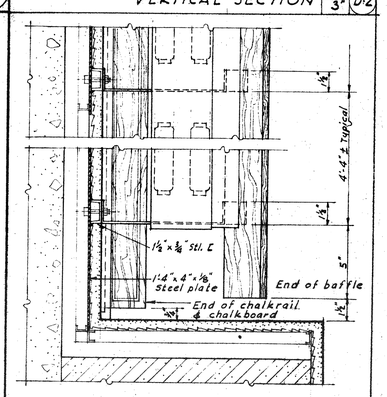

REMOVABLE PLATFORM.
LECTURE RM'S. # 110, 111.
Scale 3" (F)




VERTICAL SECTION Scale 3" (D-2)

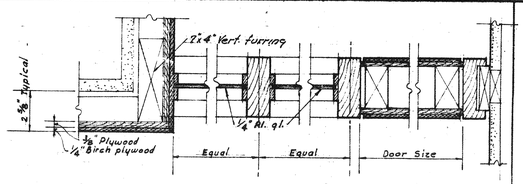



SEC. AT WOOD PARTN. Scale 3/4" (E)

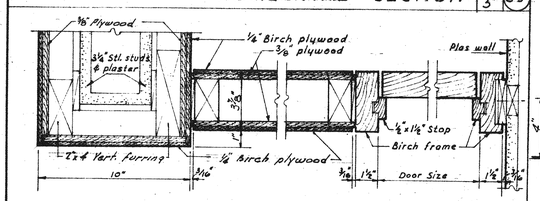



TOP VIEW Scale 3" (D-1)

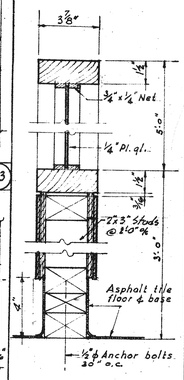
CHALKB'D. & LIGHT BAFFLE - RM'S. 110 & 111 Scale As noted (D)




HORIZONTAL SECTION Scale 3" (C-3)

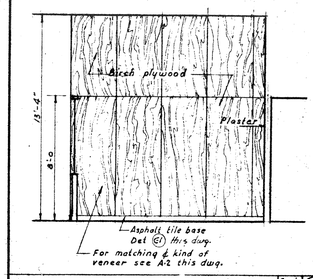



HORIZONTAL SECTION Scale 3 (C-2)

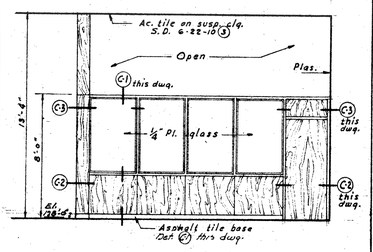



VERTICAL SECT. Scale 3" (C-1)

WOOD & GLASS PARTITION Scale As Noted (C)

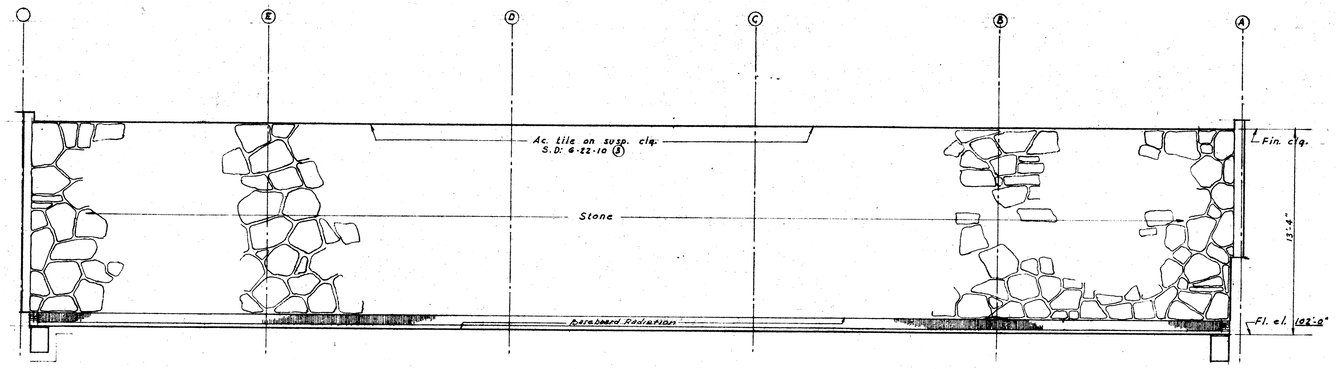



NORTH ELEV. INTERIOR Scale 1/4" (B-2)

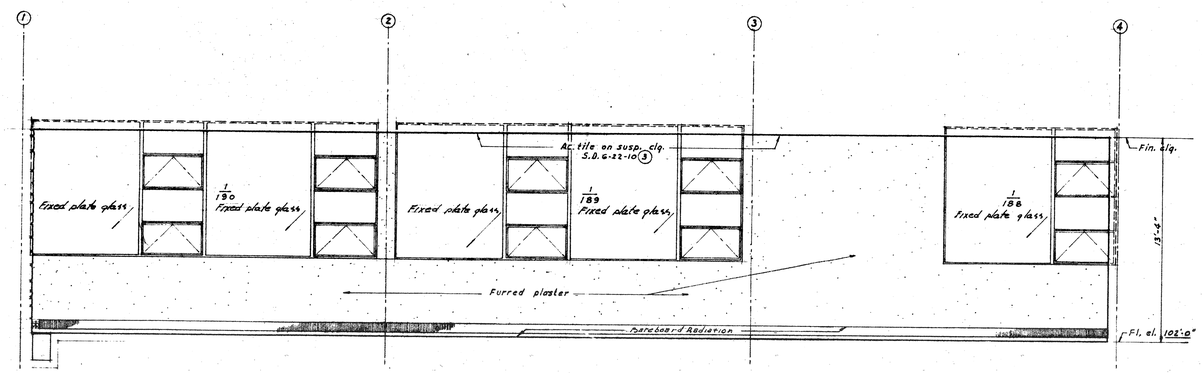



WEST ELEVATION EXTERIOR Scale 1/4" (B-1)

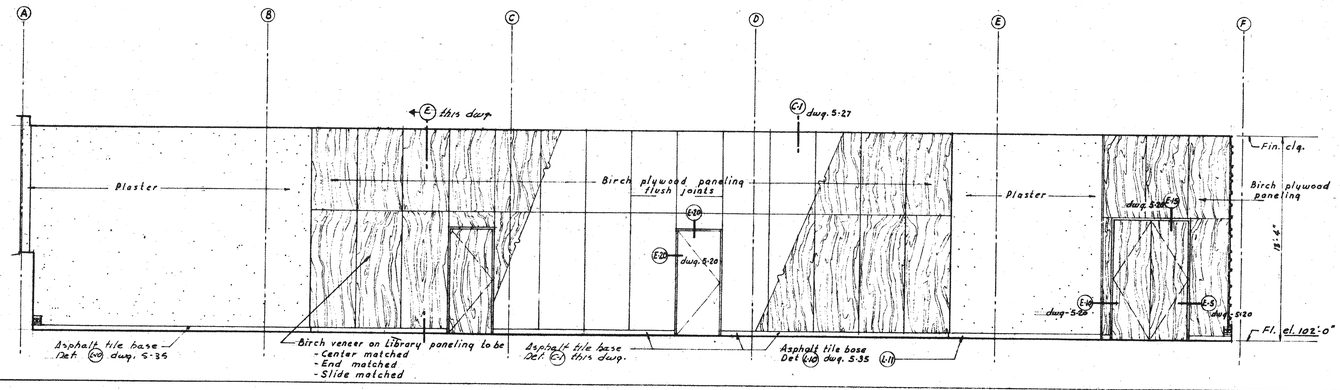
OFFICE 128 Scale Noted (B)



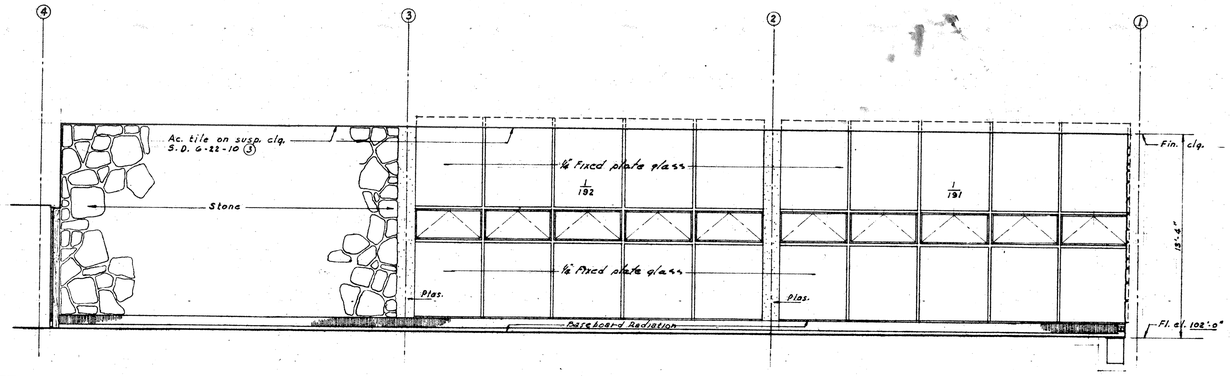

NORTH WALL Scale 1/4" (A-4)




EAST WALL Scale 1/4" (A-3)




SOUTH WALL Scale 1/4" (A-2)




WEST WALL Scale 1/4" (A-1)

INTERIOR ELEVATIONS AT LIBRARY 129 Scale Noted (A)

MICROFILMED MAR 7 3 REC'D

Note:
1. See dwg. 5-20 for door frame notes.
2. See Det. J dwg. 5-36 for typical wood furring details.

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AND
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LOS ANGELES, CALIFORNIA
ROBERT W. DITZEN
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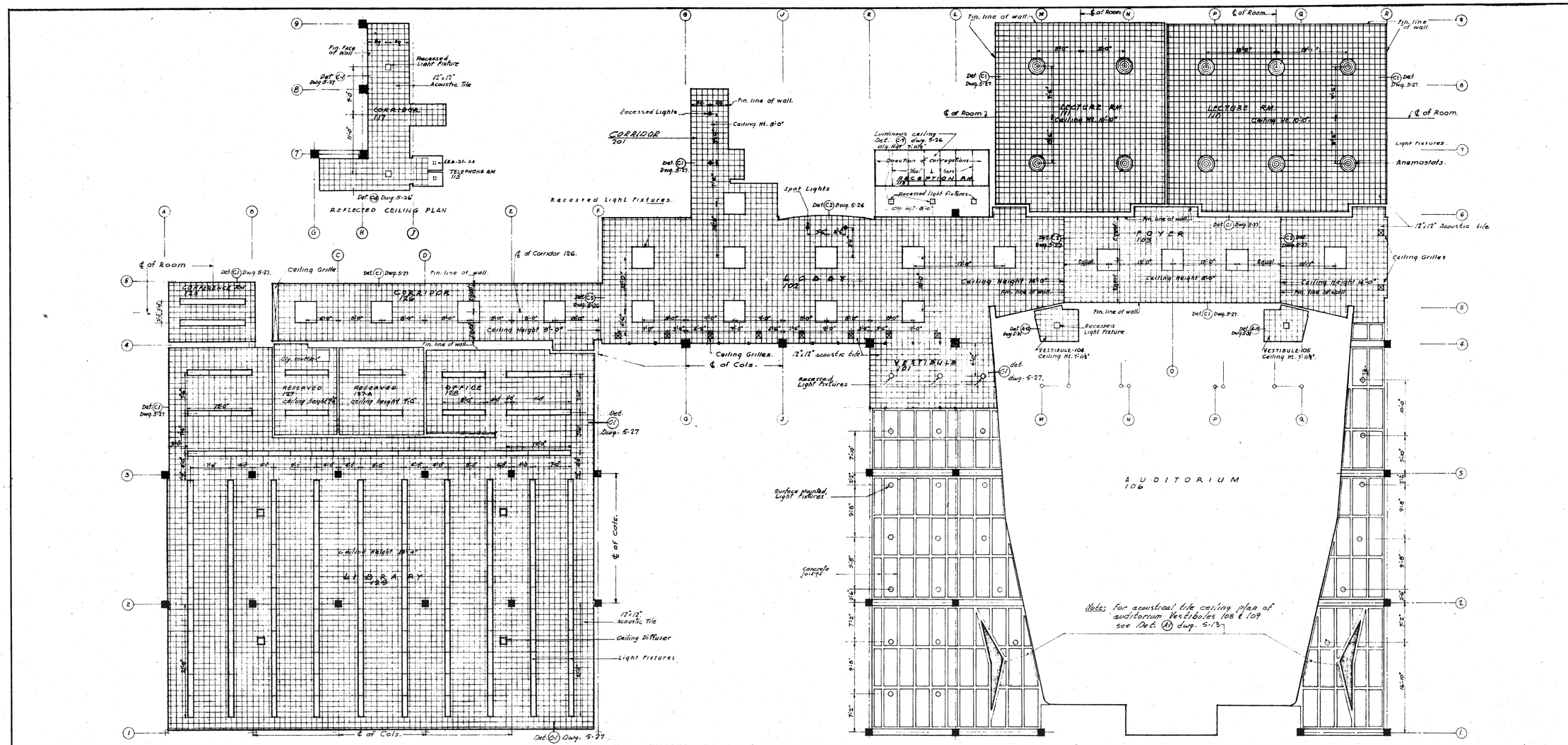
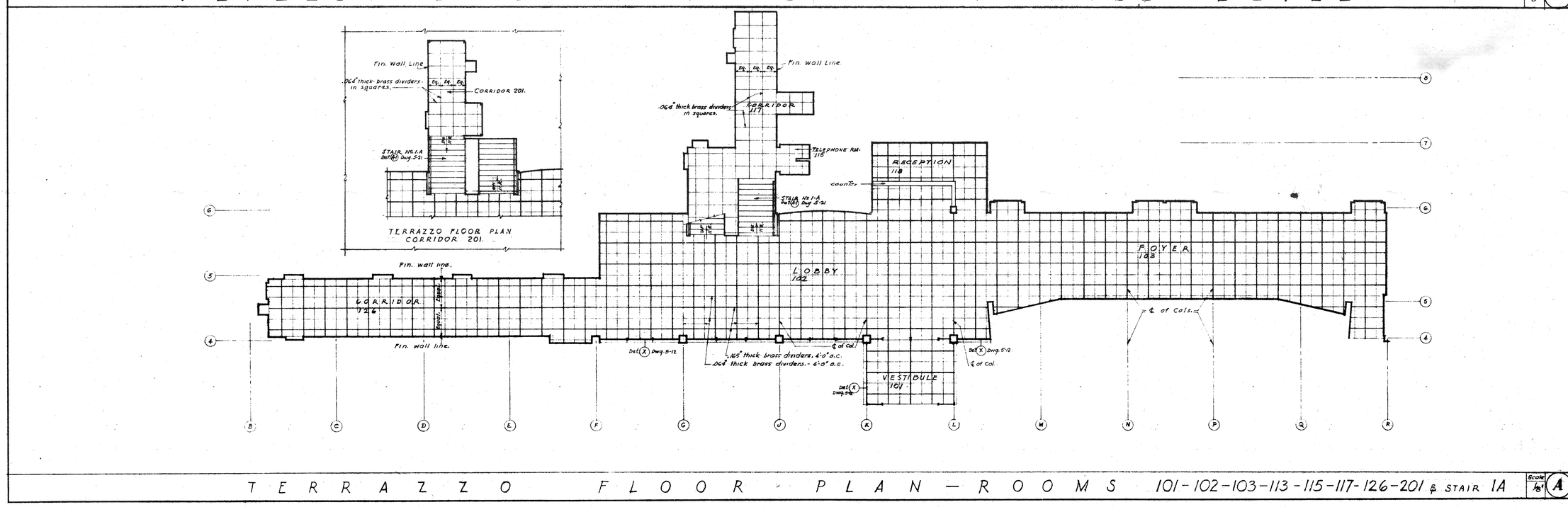
BOULDER, COLORADO

| | | | | |
|---|---|---|---|---|
| 9-15-51 | 11-19-51 3-24-51 | | 12-17-51 | 2-28-52 |
| "ME" | "S" | "SF" | "DD" | "AD" |

PUBLIC BUILDINGS SERVICE
GENERAL SERVICES ADMINISTRATION, WASHINGTON, D. C.

| | | | |
|---|---|---|---|
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | B-044 | FILE NO. | |
| DRAWN BY | R.M. | 2-22-52 | CHECKED BY R.M.S. |
| DRAWING TITLE | LIBRARY INTERIORS & MISC. DETAILS | | |
| B20059 | ARCHITECTURAL | | |
| DRAWING NO. | 5-32 | | |




Note: See dwgs. 5-1 & 5-2 for acoustic tile & terrazzo data

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| "MR" | "S" | "SP" | "DD" | "AD" |

PUBLIC BUILDINGS SERVICE
GENERAL SERVICES ADMINISTRATION, WASHINGTON, D.C.

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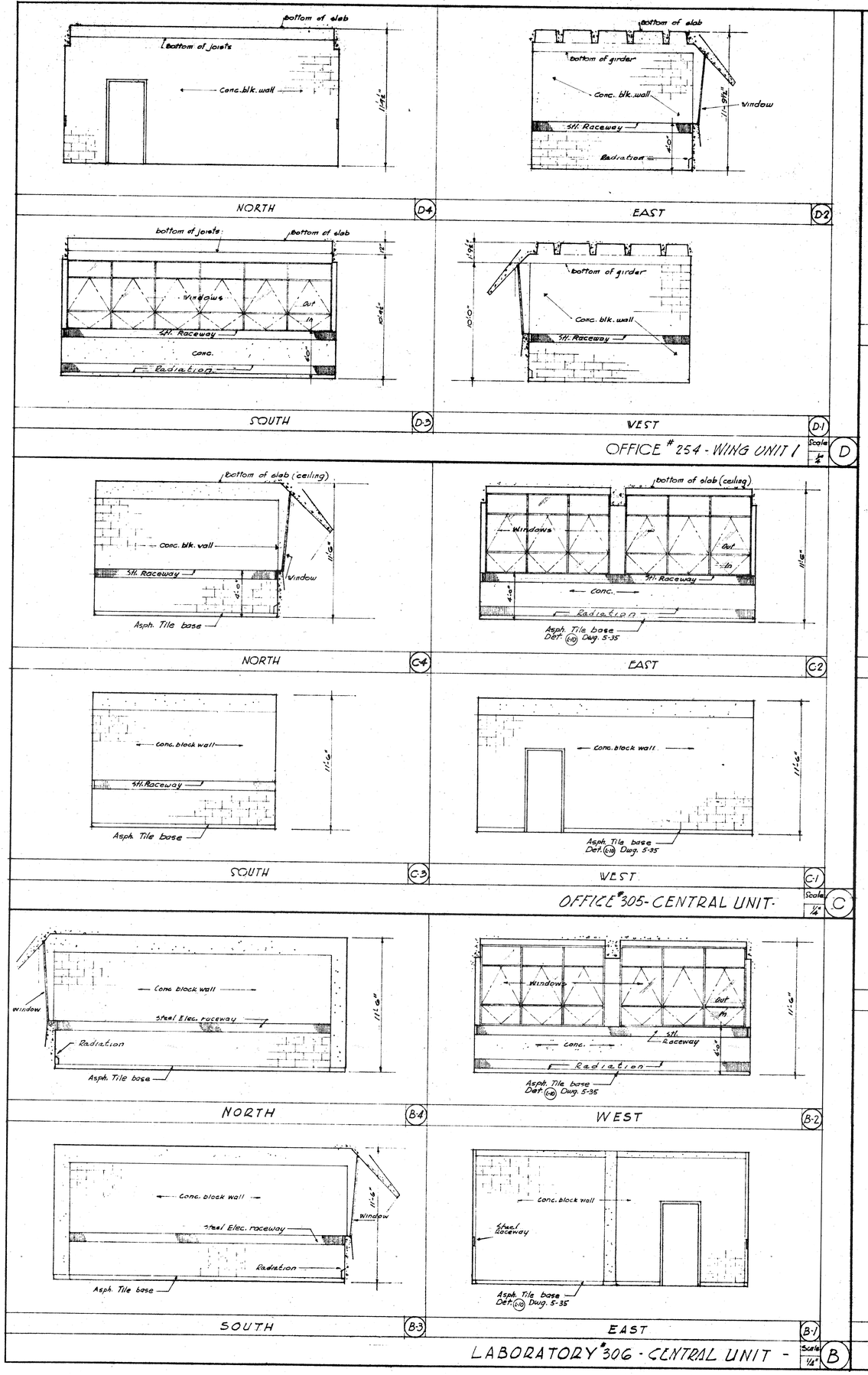
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | B-044 | FILE NO. | |
| DRAWN BY | E.C., R.S. 2-22-52 | CHECKED BY | E.M.S. |
| DRAWING TITLE | LOBBY-FOYER-LIBRARY FLOOR & CEILING PLANS | | |
| | B-20060 ARCHITECTURAL | | |
| DRAWING NO. | 5-33 | | |




Note:

1. Interior elevations of Wing Laboratories 240, 243, 246, 250, 253, 258, 271, 362, 365, & 367 are similar to those of Det. (4) this dwg. except for door locations, wall finishes & floor, cl. See Floor Plans & Finish Schedule. Laboratories 268 & 261 are identical to 264

2. Interior elevations of the following Central Unit Laboratories are identical with those of lab. # 306 Det (B) this dwg: 308, 310, 326, 336, 338, 350, 352, 406, 408, 410, 423, 425, 427, 429, & 431. Laboratories 312 & 412 similar except that south wall is conc. Laboratories 304 & 404 similar except that north walls are concrete.

3. Interior elevations of the following Central Unit Offices are identical with those of Office 305: 307, 309, 311, 313, 323, 325, 327, 329, 331, 426, 428, 430, 432A, 405, 407, 409, 411, & 413. See Det (C) this dwg. Offices 205, 207, 209, & 211 are similar except for doors in north & south walls - See Floor Plans.

4. Interior elevations of following Wing Unit Offices are identical with those of Office 254: 242, 244, 252, 364, & 366. See Det. (1) this dwg. Offices 241, 255, 259, 260, 262, 267, 272, 273, 363, 374, 375, 377, & 378 are similar except for door location or wall finish. See Floor Plans.



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| 3/4/52 | 3-24-52 | | 3-24-52 | |
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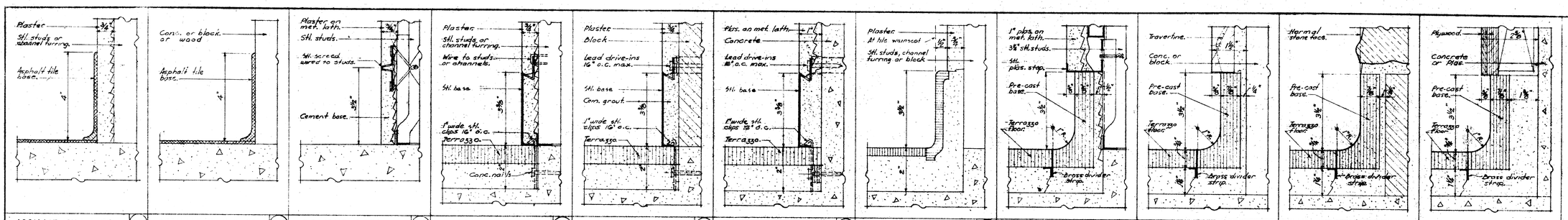
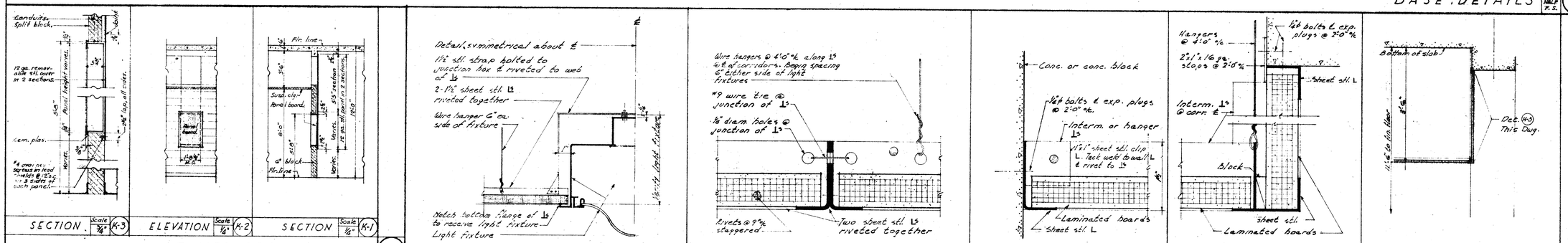
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | B-044 | FILE NO. | |
| DRAWN BY | J.L., V.A. 2-22-52 | CHECKED BY | W.M.S. |
| DRAWING TITLE | OFFICE & LABORATORY INTERIORS | | |
| B20061 | ARCHITECTURAL | | |
| DRAWING NO. | 5-34 | | |




ASPHALT TILE BASE (L-11) | ASPHALT TILE BASE (L-10) | CEMENT BASE (L-9) | STEEL BASE (L-8) | STEEL BASE (L-7) | STEEL BASE (L-6) | TILE BASE (L-5) | TERRAZZO BASE (L-4) | TERRAZZO BASE (L-3) | TERRAZZO BASE (L-2) | TERRAZZO BASE (L-1)

## BASE DETAILS (L)




SECTION (K-3) Scale ½" | ELEVATION (K-2) Scale ½" | SECTION (K-1) Scale ½"

## PANEL BOARD DETAILS (K)

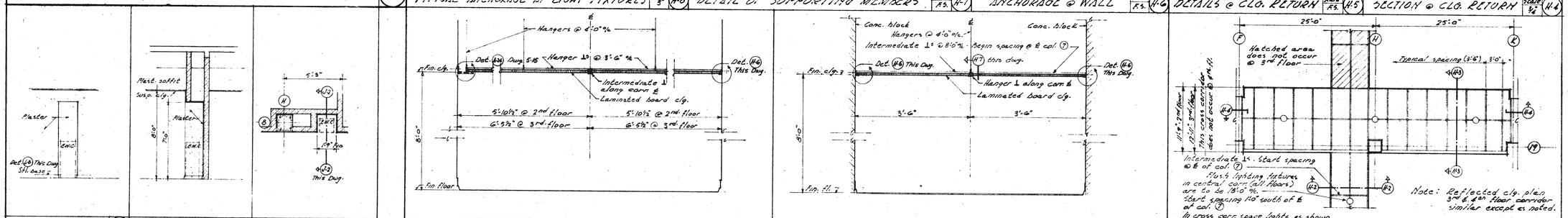
TYPICAL ANCHORAGE AT LIGHT FIXTURES (H-8) Scale 3"

DETAIL OF SUPPORTING MEMBERS (H-7) Scale F.S.

ANCHORAGE @ WALL (H-6) Scale F.S.

DETAILS @ CLG. RETURN (H-5) Scale F.S.

SECTION @ CLG. RETURN (H-4) Scale ½"

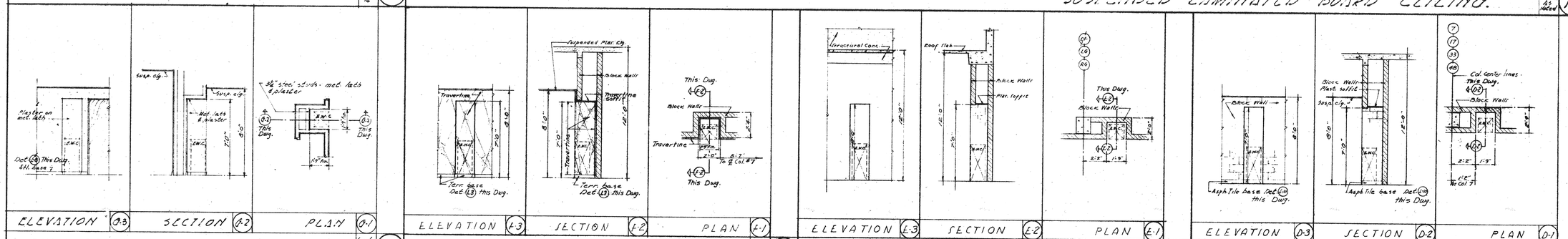



ELEVATION (J-3) | SECTION (J-2) | PLAN (J-1) Scale ½"

## E.W.C. RECESS AT CORRIDOR 117 (J)

CROSS SECTION (H-3) Scale ¾" | CROSS SECTION (H-2) Scale ¾" | REFLECTED CLG. PLAN - 2nd FLR CORRIDOR (H-1) Scale ⅛"

## SUSPENDED LAMINATED BOARD CEILING. (H)




ELEVATION (G-3) | SECTION (G-2) | PLAN (G-1) Scale ⅛"

## E.W.C. RECESS AT CORRIDOR 126 (G)

ELEVATION (F-3) | SECTION (F-2) | PLAN (F-1) Scale ⅛"

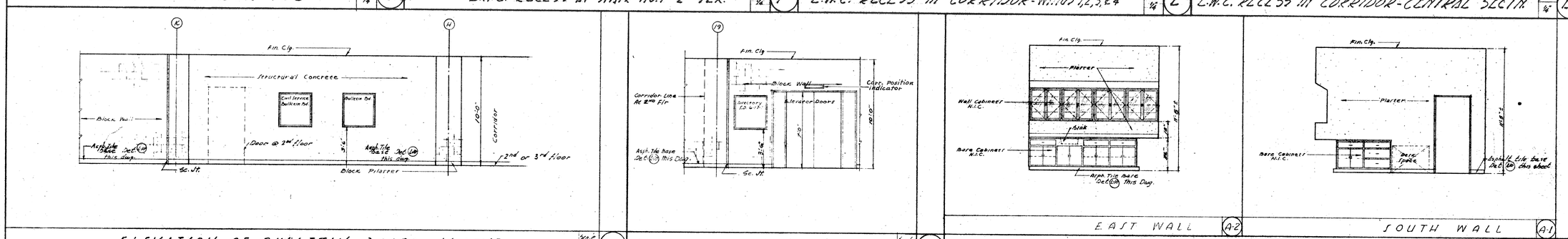
## E.W.C. RECESS AT STAIR NO. 1 - 2ND FLR (F)

ELEVATION (E-3) | SECTION (E-2) | PLAN (E-1) Scale ⅛"

## E.W.C. RECESS IN CORRIDOR - WINGS 1, 2, 3 & 4 (E)

ELEVATION (D-3) | SECTION (D-2) | PLAN (D-1) Scale ⅛"

## E.W.C. RECESS IN CORRIDOR - CENTRAL SECTN. (D)




## ELEVATION OF BULLETIN BOARD ALCOVE (C) Scale ⅛"

ELEV. DIRECTORY AT ELEVATOR. (B) Scale ⅛"

EAST WALL (A-2) | SOUTH WALL (A-1)

## DISPENSARY WALL ELEVATIONS. (A) Scale ⅛"



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|---|---|---|---|---|
| 3/4/52 "ME" | 3/4/52 "S" | 3-22-52 "SP" | CONSULTED "DD" | 3-22-52 "AD" |

PUBLIC BUILDINGS SERVICE
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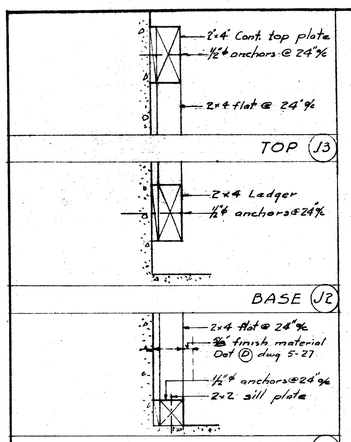
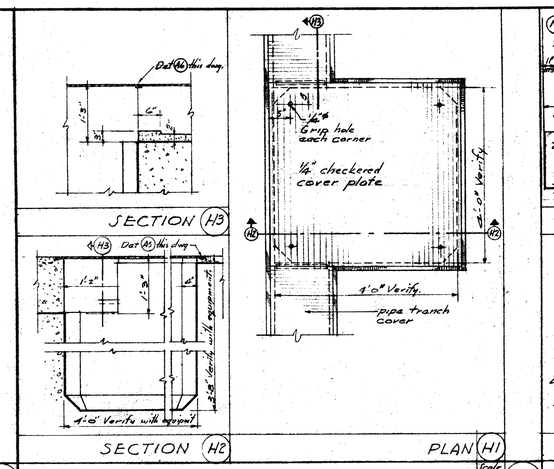
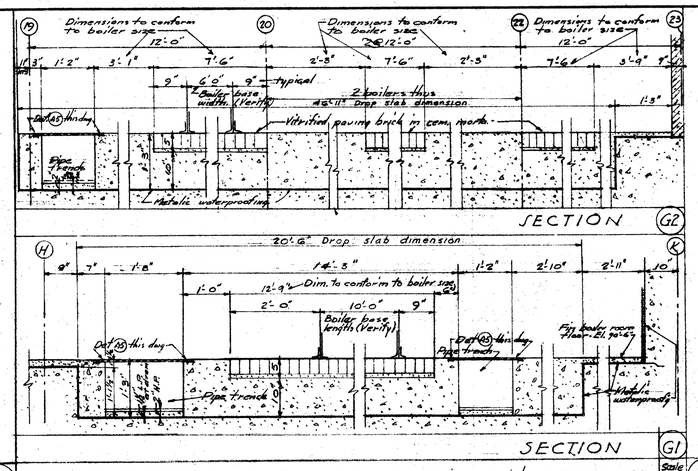
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | 5-044 | FILE NO. | |
| DRAWN BY | J.M., L.T., F.C.B. 2-22-52 | CHECKED BY | R.M.S. |
| DRAWING TITLE | MISC. INTERIOR DETAILS | | |
| | B 20062 | ARCHITECTURAL | |
| DRAWING NO. | 5-35 | | |



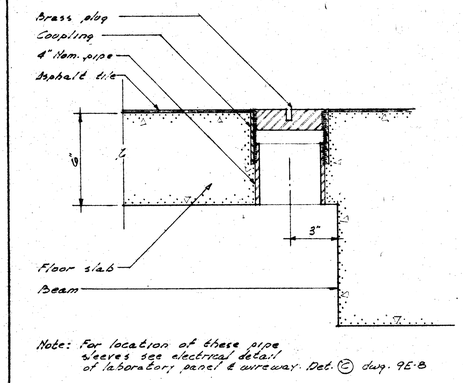

TYPICAL WOOD FURRING — Scale 3" — (J)



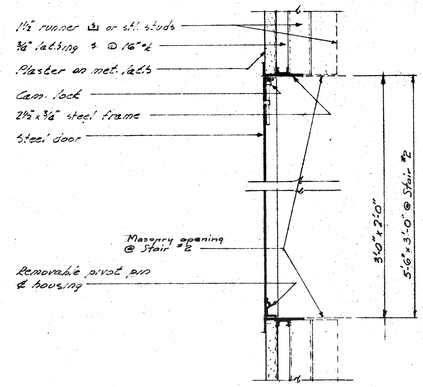

BLOW OFF PIT — Scale 3/4" — (H)



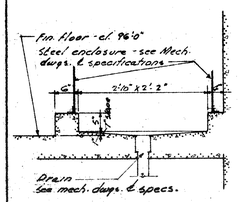

BOILER SETTING & TRENCHES — Scale 3/4" — (G)




PIPE SLEEVE IN FLOOR SLAB — Scale 3" — (F)

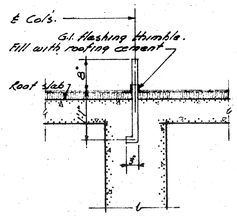



ACCESS DOOR - PLAN SECTION (B-3)



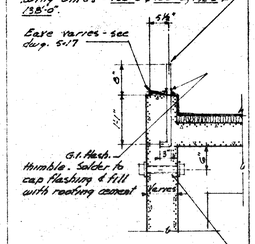

CAN WASHER — Scale 3/4" — (E)

1 1/4"ϕ anchor bars to occur over ℄ of interior cols. at the following roof slabs:
Central unit - el. 144'-0" (except at pile deck). Labs. 218, 221, & 338
Wing units - el. 170'-0" & 126'-0", 132'-0" & 138'-0".




ANCHOR BAR @ INTERIOR COL. (D-2)

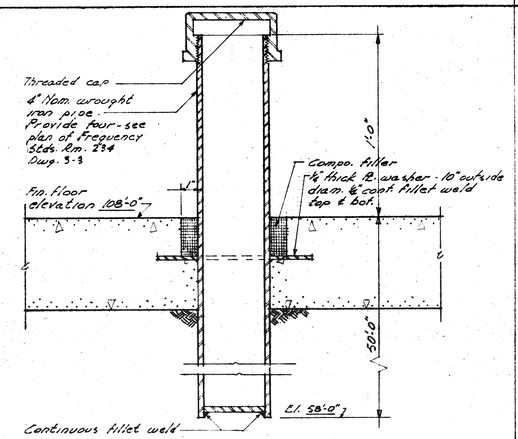
1 1/4"ϕ anchor bar to occur over ℄ of exterior cols. at the following roof slabs:
Central unit - el. 144'-0"
Labs. 218, 221, & 338 & P.502
Wing units - 170'-0" & 126'-0", 132'-0" & 138'-0".



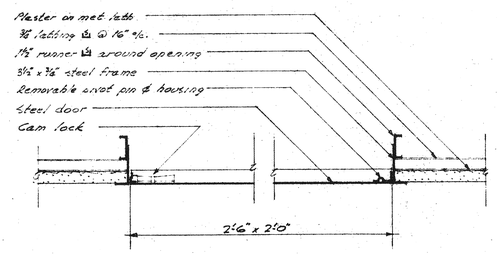

1 1/4" galv. threaded & capped pipe sleeve through wall along side of every other exterior col. in areas where anchor bar occurs approx. 1'-0" from ℄ of col.

ANCHOR BAR @ EXT. COL. (D-1)

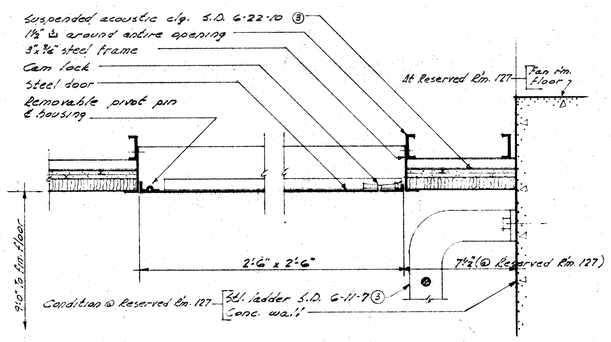
ANCHOR BAR & PIPE SLEEVE DETAILS — Scale 3/4" — (D)




PIPE SHAFT DETAILS - RM. 234 — Scale 3" — (C)

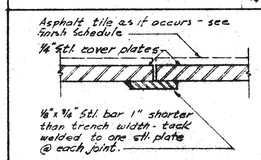



CEILING SCUTTLE IN SUSPENDED PLASTER CEILING (B-2)

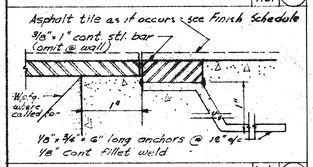



CEILING SCUTTLE IN SUSPENDED ACOUSTIC CEILING (B-1)

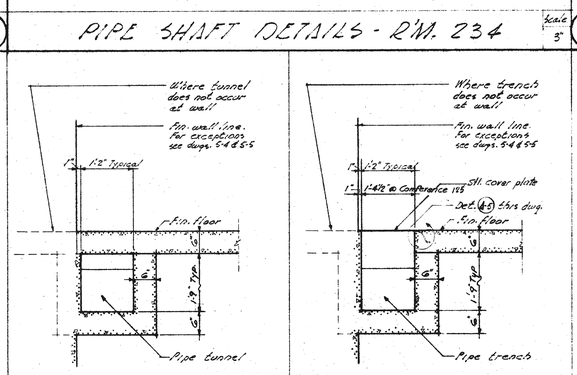
ACCESS DOORS & CEILING SCUTTLES — Scale 3" — (B)




COVER PLATE JOINT — Scale F.S. — (A-6)

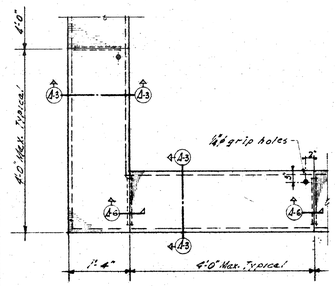



COVER PLATE FRAME — Scale F.S. — (A-5)

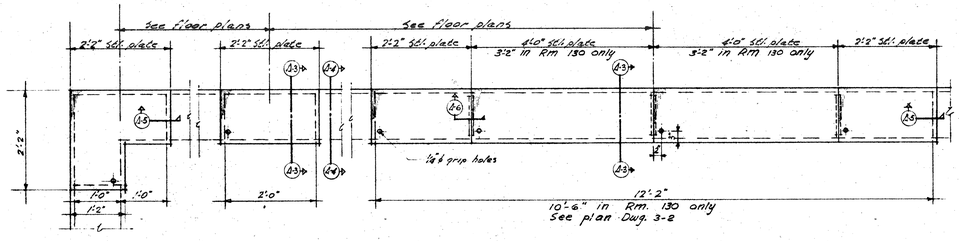



SECTION @ TUNNEL — Scale 3/4" — (A-4)

SECTION @ COVER PLATE — Scale 3/4" — (A-3)




PLAN - PIPE TRENCH & CONTINUOUS COVER — Scale 3/4" — (A-2)




TYPICAL PLAN - PIPE TUNNEL — Scale 3/4" — (A-1)

PIPE TRENCH & PIPE TUNNEL DETAILS — Scale 1/4" (Noted) — (A)

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| 2-28-52 "ME" | 3-14-52 "S" | "SP" | "DD" | 3-24-52 "AD" |

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| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | S-044 | FILE NO. | |
| DRAWN BY | L.T., L.R. 2-22-52 | CHECKED BY | E.-M.S. |
| DRAWING TITLE | MISC. INTERIOR DETAILS | | |
| B-20063 | ARCHITECTURAL | | |
| DRAWING NO. | 5-36 | | |

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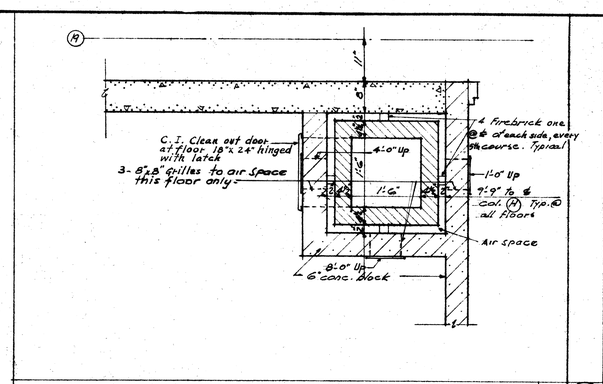
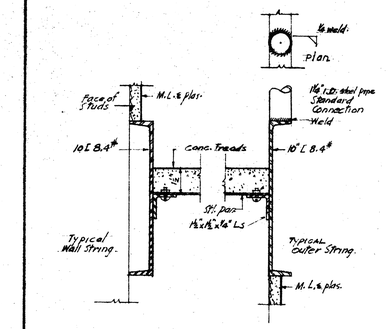
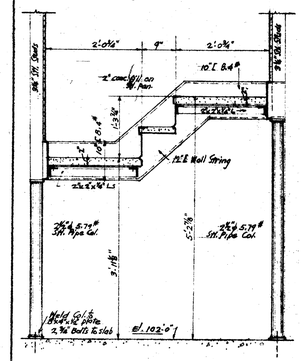


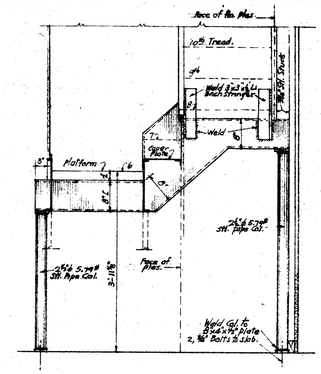

INCINERATOR STACK - PLAN AT FIRST FLOOR — Scale 3/8" — C



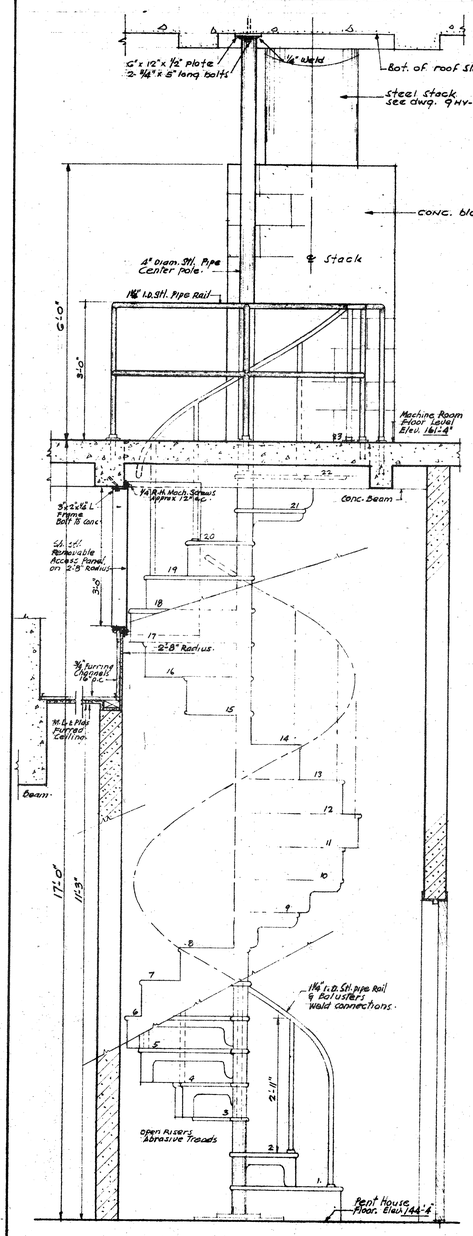

TYPICAL STAIR STRING — Scale 3/4" — A-7



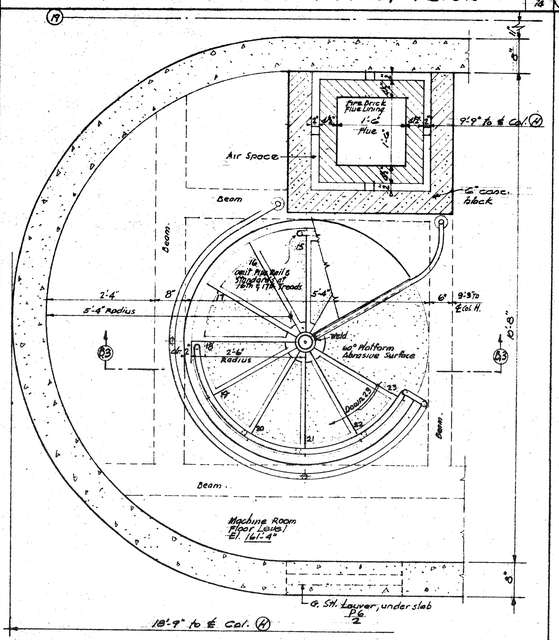

SECTION — Scale 3/4" — A-6



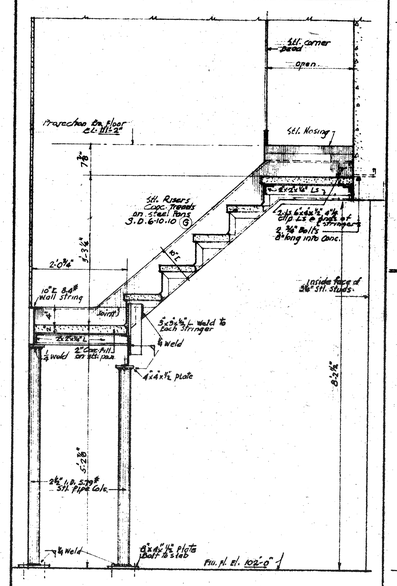

SECTION — Scale 3/4" — A-5



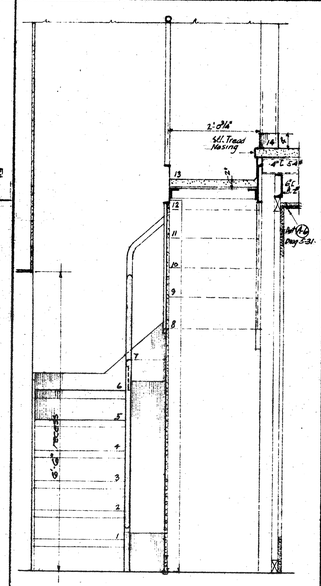

SECTION — B-3



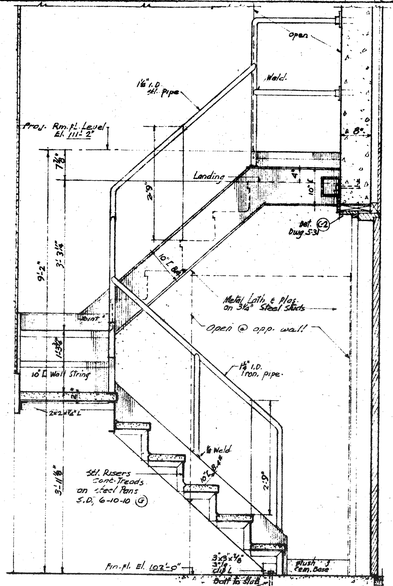

PLAN AT MACHINE RM. FLOOR — B-2



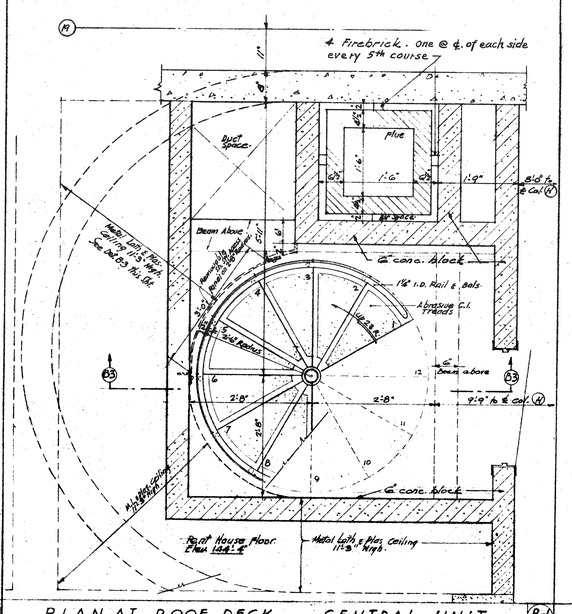

SECTION — Scale 3/4" — A-4



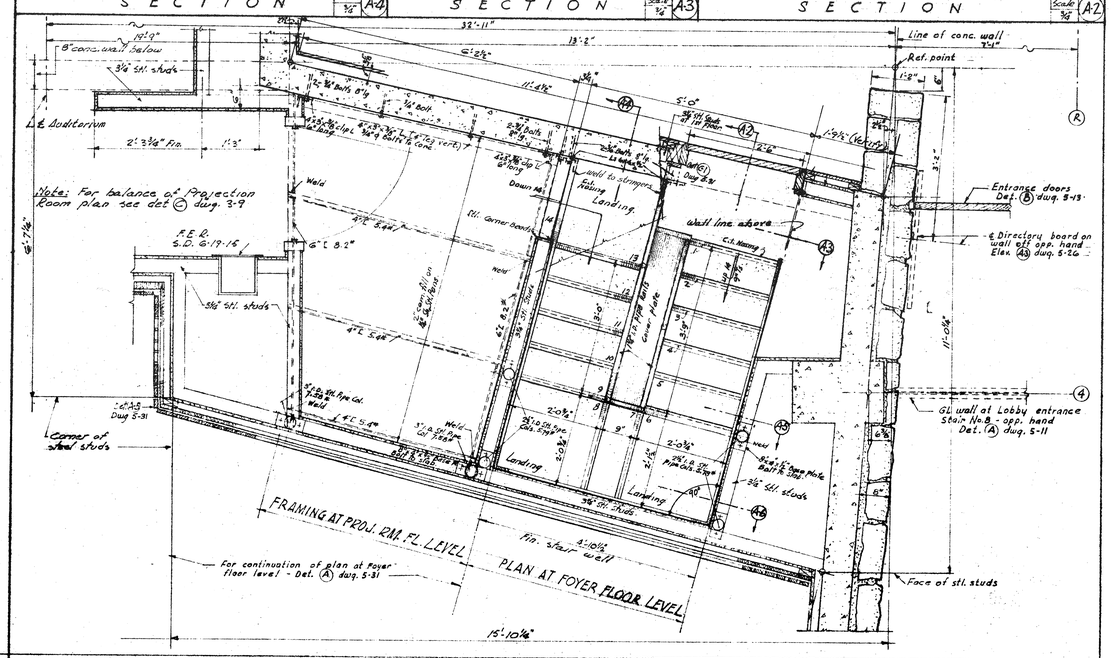

SECTION — Scale 3/4" — A-3




SECTION — Scale 3/4" — A-2




PLAN AT ROOF DECK - CENTRAL UNIT — B-1




PLAN — Scale 3/8" — A-1

STAIR Nº 9 — Scale 3/4" — B

STAIR Nº 7 — STAIR Nº 8 OPP HAND — Scale 3/8" — A

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| 1 | 3/4/60 | 2-26-60 | | CONFORMED | 2-26-62 |
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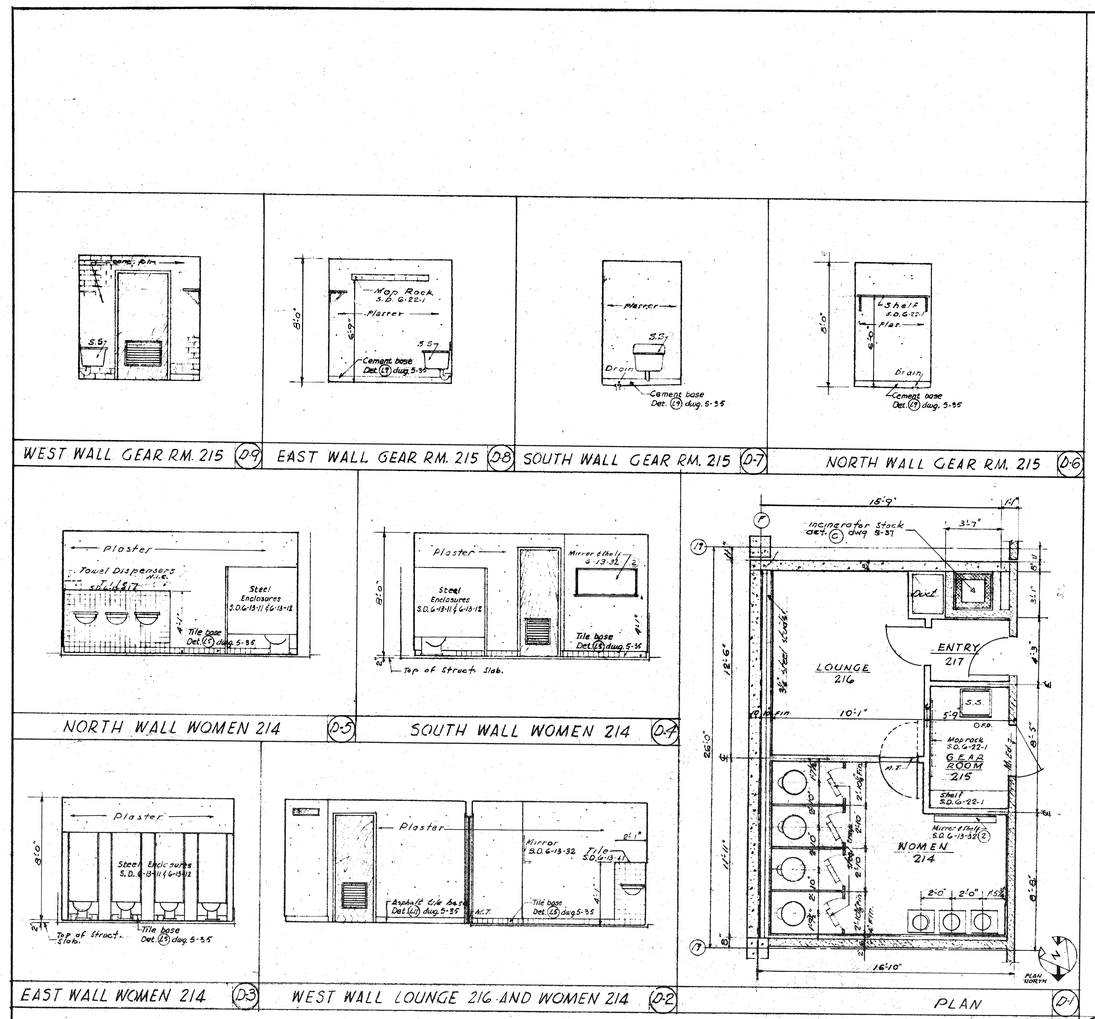
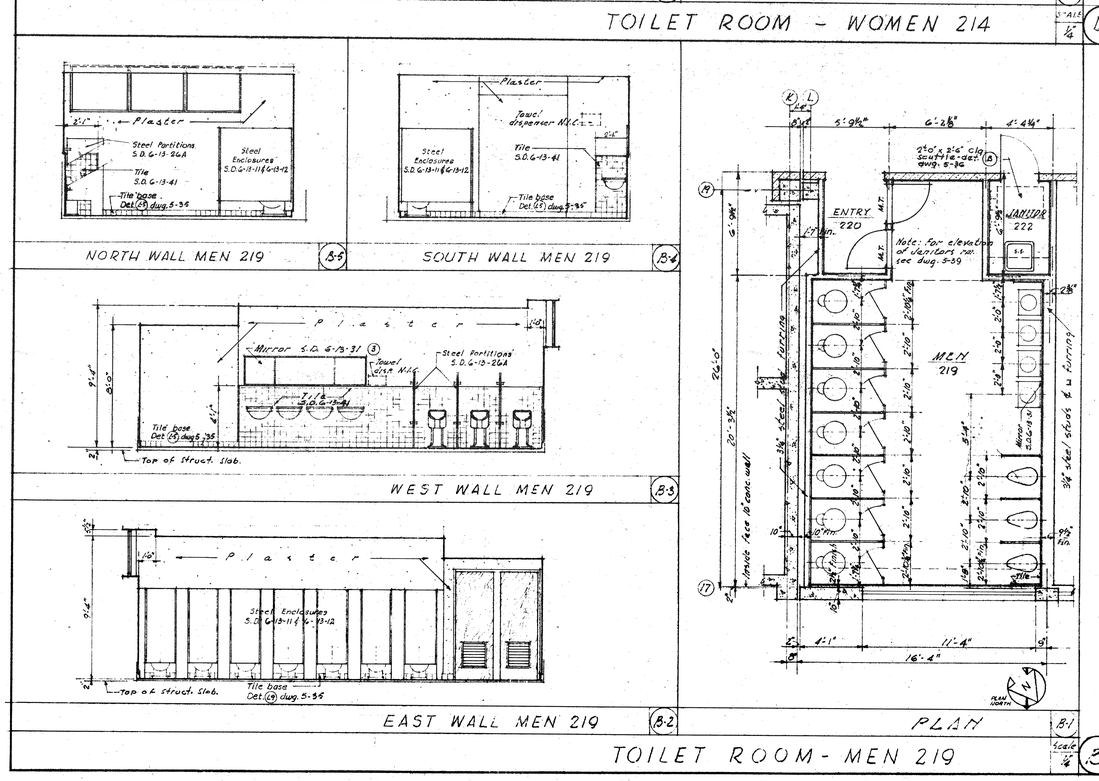
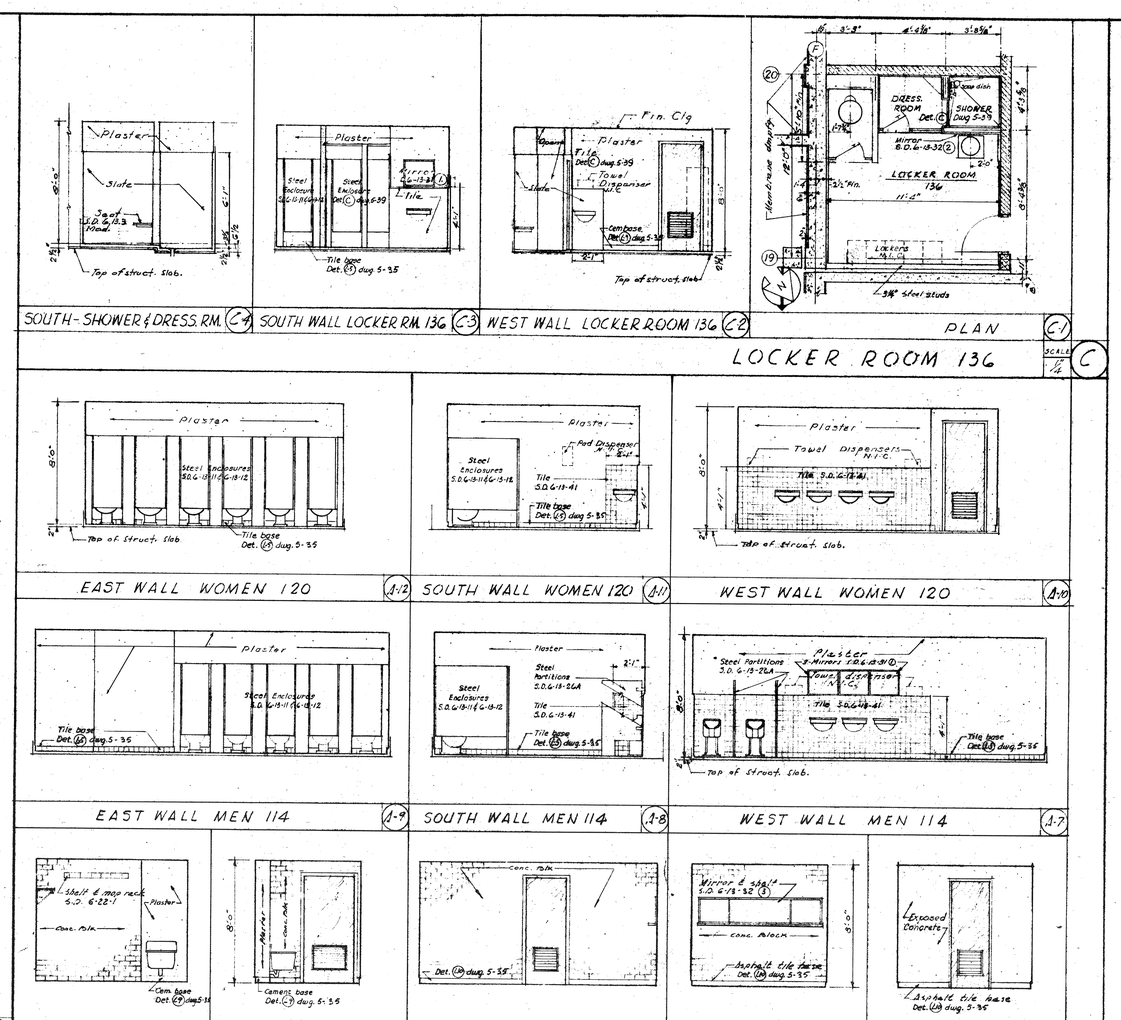
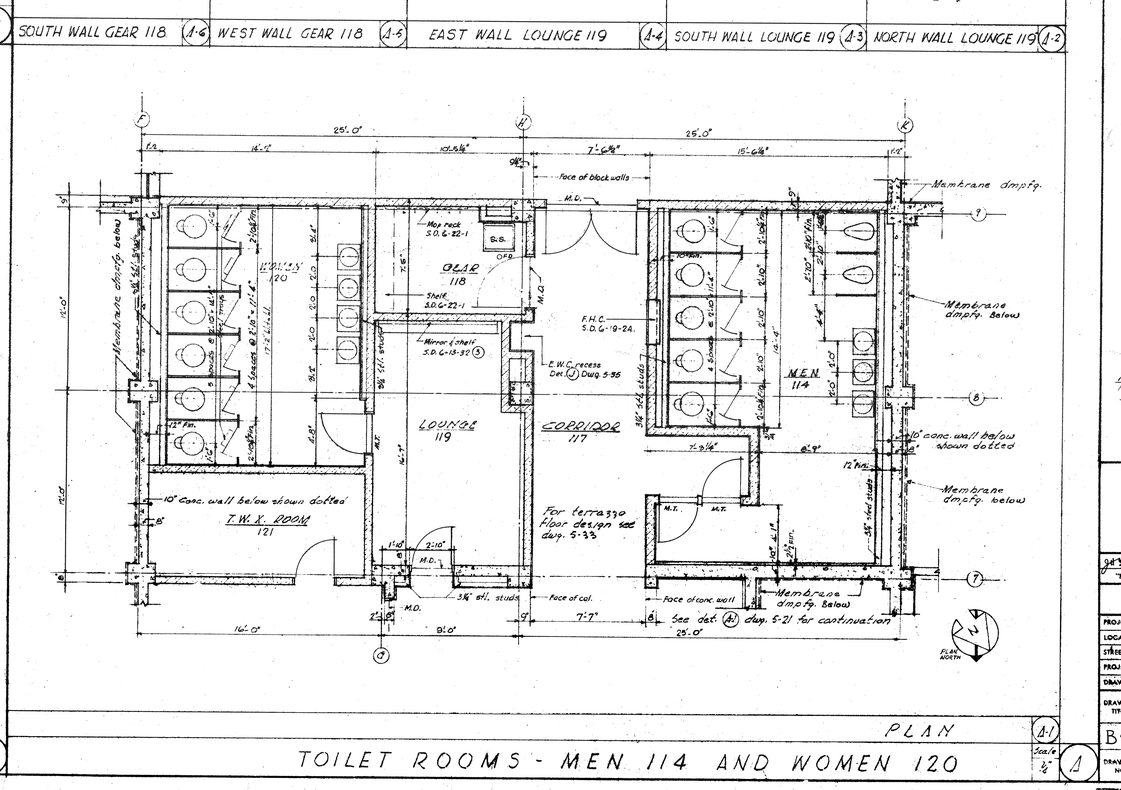
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | 8-044 | FILE NO. | |
| DRAWN BY | R.S. | 2-22-52 | CHECKED BY R.M.S. |
| DRAWING TITLE | STAIRS NO.7 NO.8 & NO.9 | | |
| | B20064 ARCHITECTURAL | | |
| DRAWING NO. | 5-37 | | |

RETURN TO D & C DRAWING FILES UNIT




Note:
M.T. Designates Marble Threshold
T.D. 6-15-7 (9)



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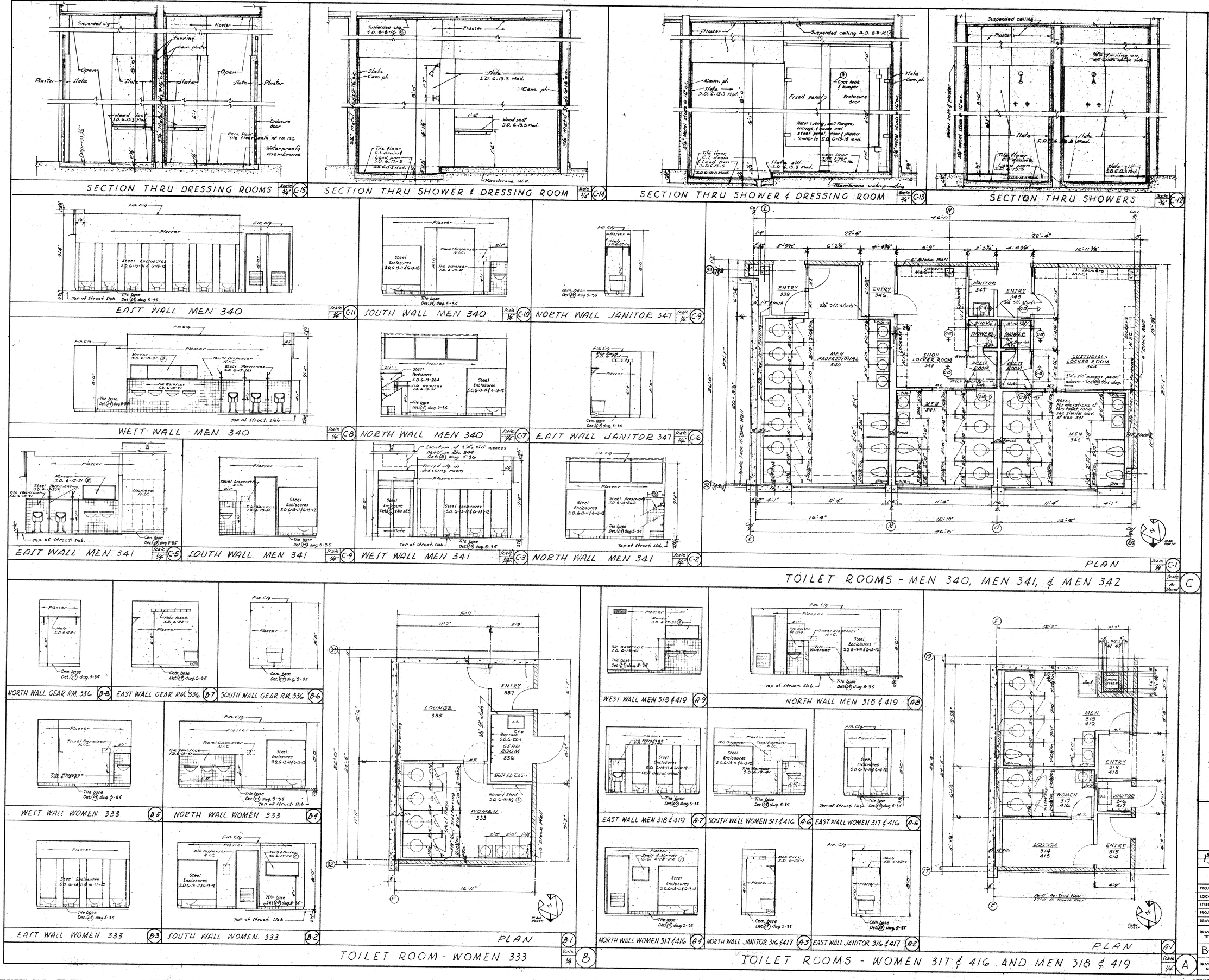
LOS ANGELES, CALIFORNIA
ROBERT W. DITZEN
ASSOCIATE ARCHITECT
BOULDER, COLORADO

| "ME" | "S" | "SP" | "DD" | "AD" |
|---|---|---|---|---|
| 2-22-52 | | | 2-22-52 | 2-22-52 |

PUBLIC BUILDINGS SERVICE
GENERAL SERVICES ADMINISTRATION, WASHINGTON, D.C.

| | |
|---|---|
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS |
| LOCATION | BOULDER, COLORADO |
| STREET | STATE HIGHWAY 170 |
| PROJ. NO. | B-044 FILE NO. |
| DRAWN BY | J.M., H.T., L.T. 2-22-52 CHECKED BY B.M.S. |
| DRAWING TITLE | TOILET ROOM DETAILS |
| | B20065 ARCHITECTURAL |
| DRAWING NO. | 5-38 |




Notes:
M.T. Designates Marble Threshold F.D. 6-18-7 ⓟ
All finish ceilings to be suspended plaster clgs. S.D. 8-8-1C ⓒ



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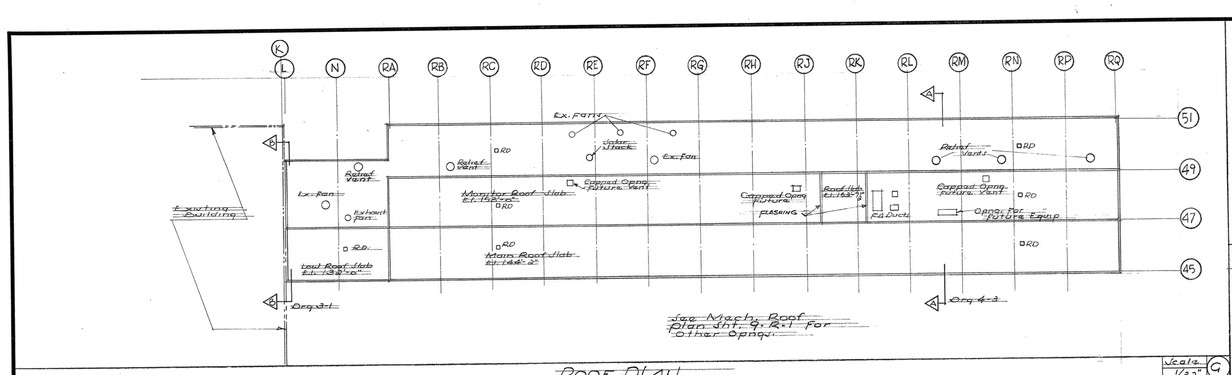
ASSOCIATE ARCHITECT
BOULDER, COLORADO

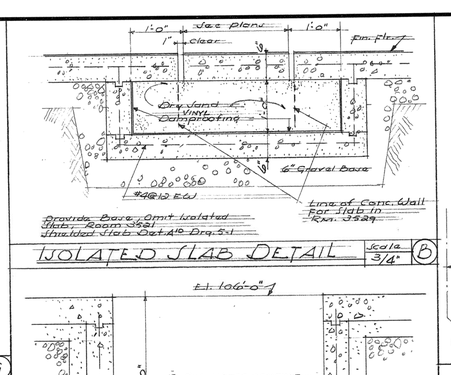
| "ME" | "S" | "SF" | "DD" | "AD" |
|---|---|---|---|---|
| | | | | |

PUBLIC BUILDINGS SERVICE
GENERAL SERVICES ADMINISTRATION, WASHINGTON, D.C.

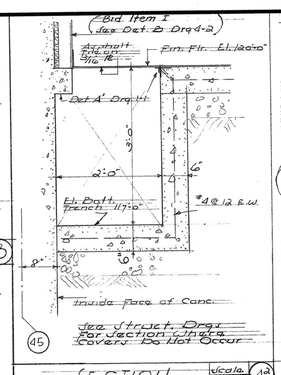
| | |
|---|---|
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS |
| LOCATION | BOULDER, COLORADO |
| STREET | STATE HIGHWAY 170 |
| PROJ. NO. | 5-044 FILE NO. |
| DRAWN BY | J.M., H.T. 2-22-52 CHECKED BY E.M.S. |
| DRAWING TITLE | TOILET ROOM DETAILS |
| | B-20066 ARCHITECTURAL |
| DRAWING NO. | 5-39 |



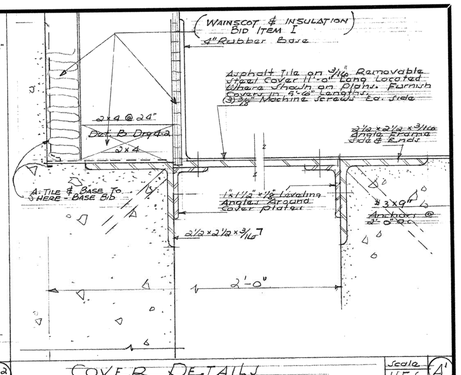

ROOF PLAN — Scale 1/32" (G)




ISOLATED SLAB DETAIL — Scale 3/4" (B)

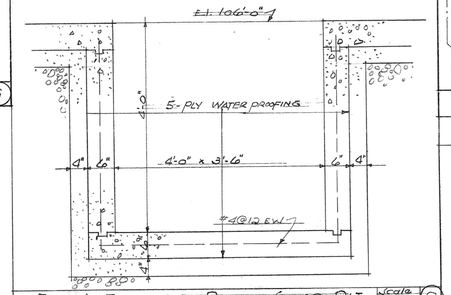



SECTION — Scale 3/4" (A1)

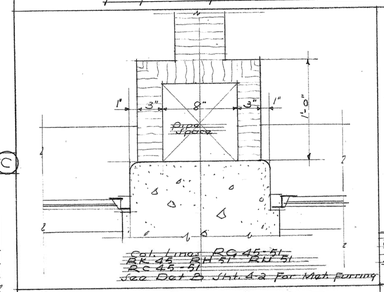


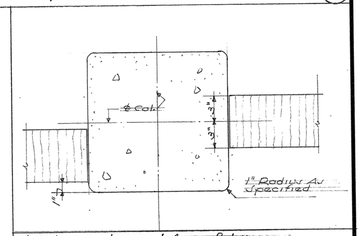

COVER DETAILS — Scale H.F.S. (A')

PIPE TRENCH DETAILS (A)



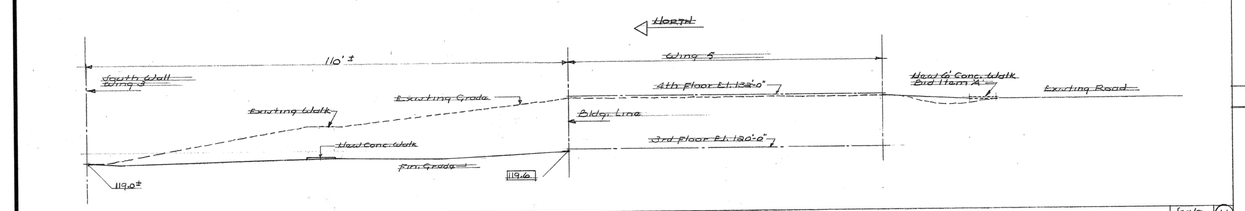

TRANSFORMER ROOM JUMP PIT — Scale 3/4" (C)



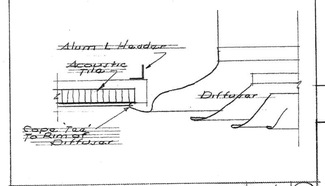




JUNCTION OF MAS. BLK. AT COLUMN (TYPICAL) — Scale 1/2" (D)

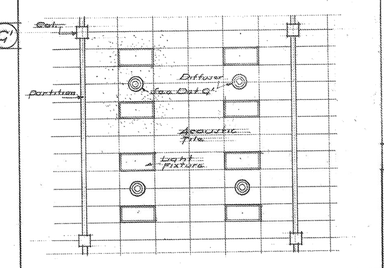
Except Where Dimensioned Otherwise



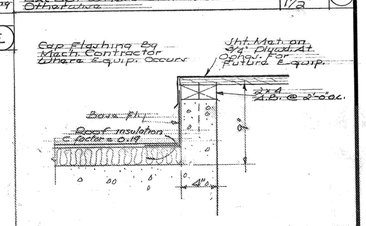

PROFILE SECTION A-A — Scale 1/16"=1'-0" (H)



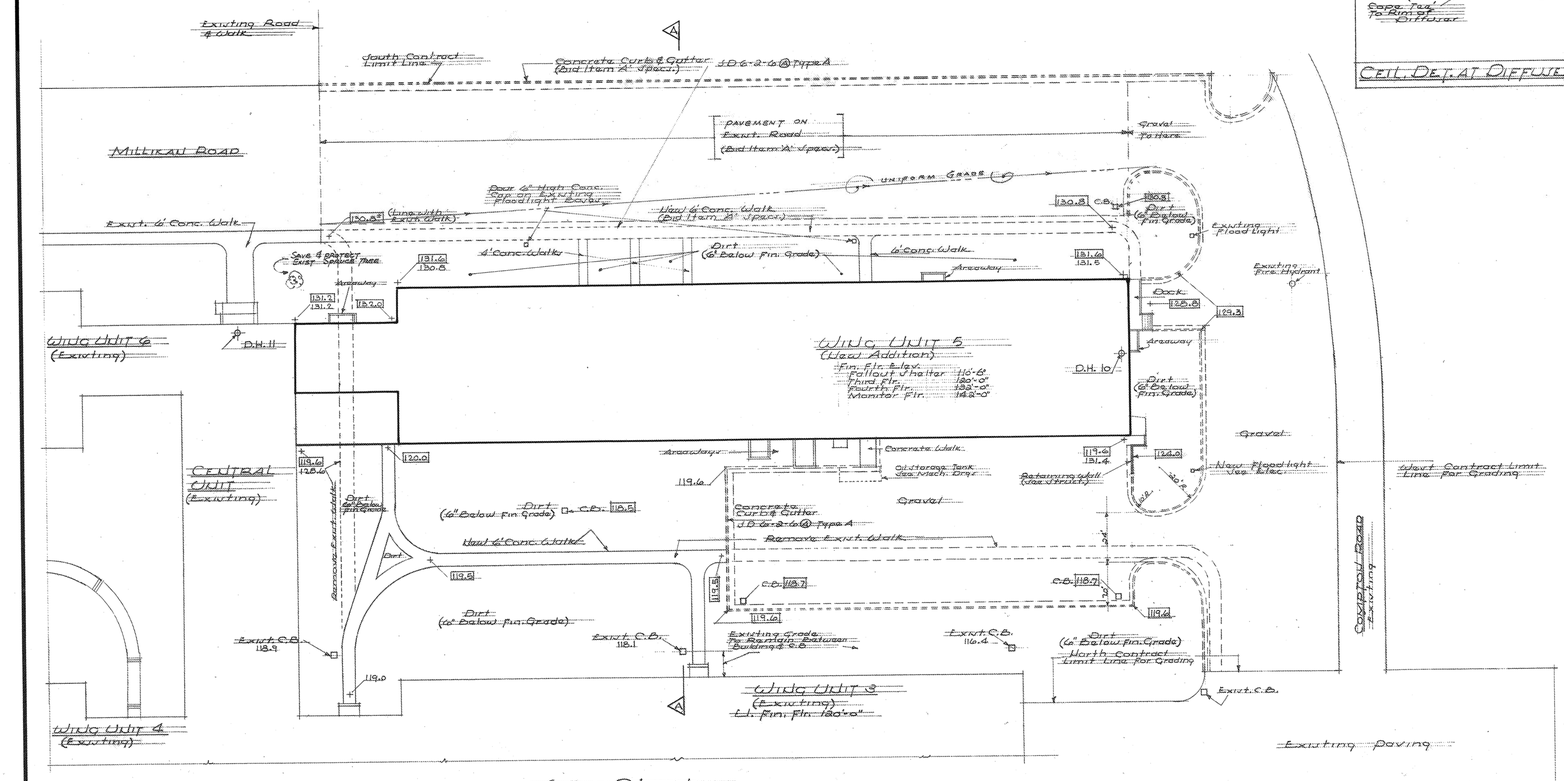

CEIL. DET. AT DIFFUSER — Scale Wing (G')




REFLECTED CEILING PLAN (Typical Bay) — Scale 1/8" (G)

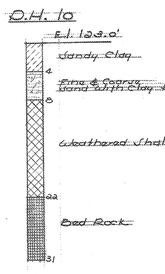


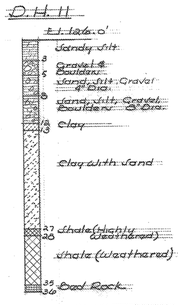

ROOF CURBS AT OPNGS. — Scale 1/2" (F)



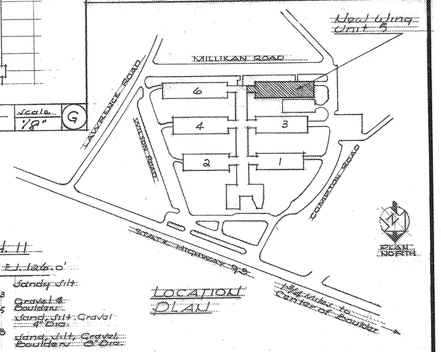

SITE PLAN
Scale 1/32"=1'-0"
(See Bid Item A' Specifications)

000.0 = Finished Grade
000.0 = Existing Grade




SOIL EXPLORATION
(As Prepared By Bureau of Reclamation Interior Dept.)
SEE SPECIFICATIONS - SUB-SOIL CONDITIONS SECTION 7.




LOCATION PLAN

G. MEREDITH MUSICK AND CLAYTON C. MUSICK
DENVER ARCHITECTS COLORADO

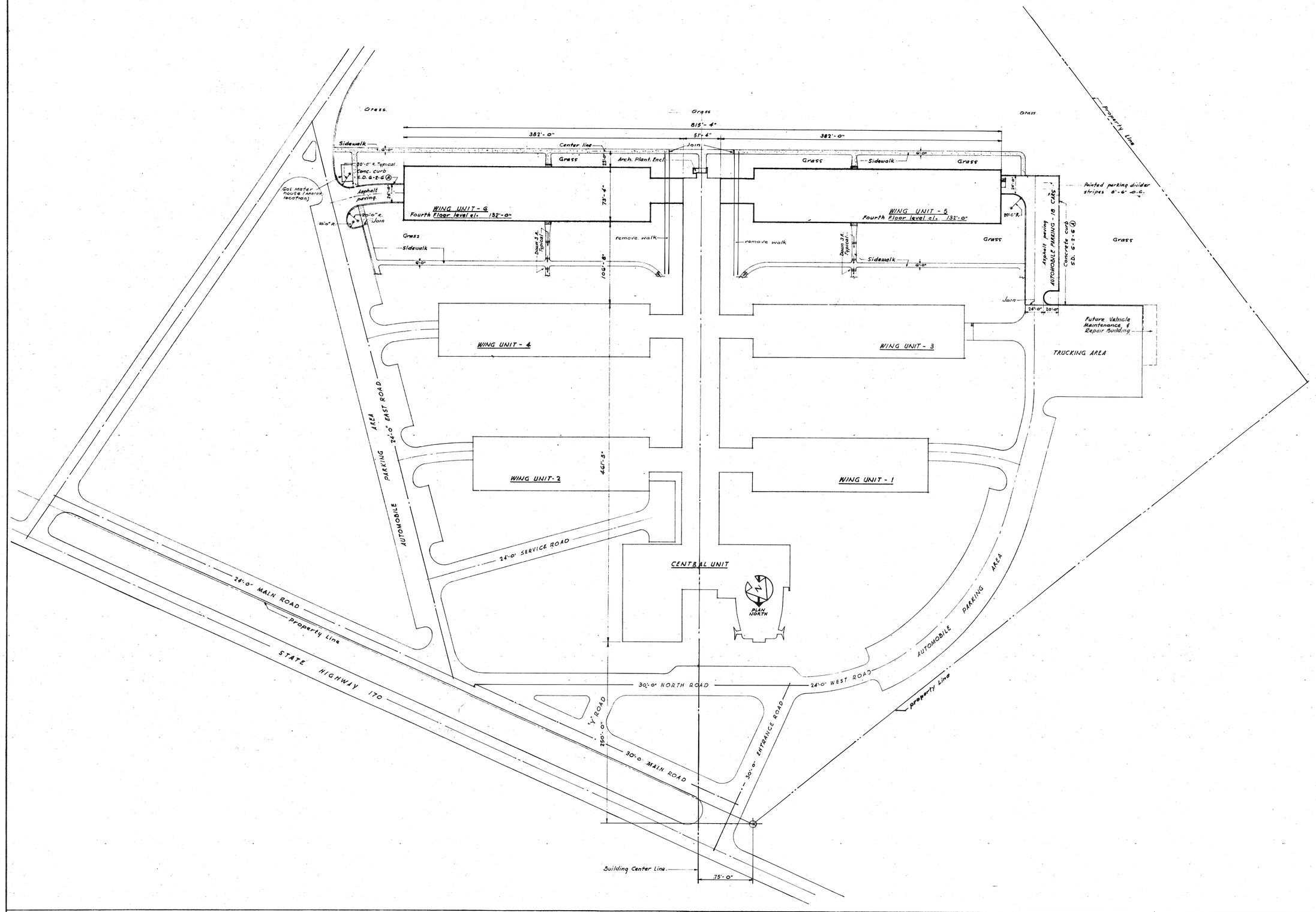
GENERAL SERVICES ADMINISTRATION
PUBLIC BUILDINGS SERVICE • WASHINGTON, D. C.

| | | | |
|---|---|---|---|
| PROJECT | WING NO. 5 EXT. TO BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 93 | | |
| PROJ. NO. | 917 | FILE NO. | |
| DRAWN BY | WB 11-10-60 | CHECKED BY | C. MUSICK |
| DRAWING TITLE | PLOT PLAN ROOF PLAN ARCHITECTURAL | | |
| DRAWING NO. | 1-1 | 42-088-2626 EXT. 2 | |

MICROFILMED MAR 12 1969

B-22005

GSA FORM 1109 June 1959




ALTERNATES

ALTERNATE 'C' & 'D'

1. Construction as described in the specifications.
2. Omit knock-out panels, roof-eave curbs & flashings, and utility caps, valves, etc. at locations where Extension 2 Joins Extension 1.
3. Omit sidewalks, curbs and driveways shown on dwg 2-1 Ext. 1 and not on dwg 2-1 Ext 2.

Notes

1. See dwg. 2-1 for General Notes.
2. See dwg 2-1 for work not shown.



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LOS ANGELES, CALIFORNIA
ROBERT W. DITZEN
ASSOCIATE ARCHITECT
BOULDER, COLORADO

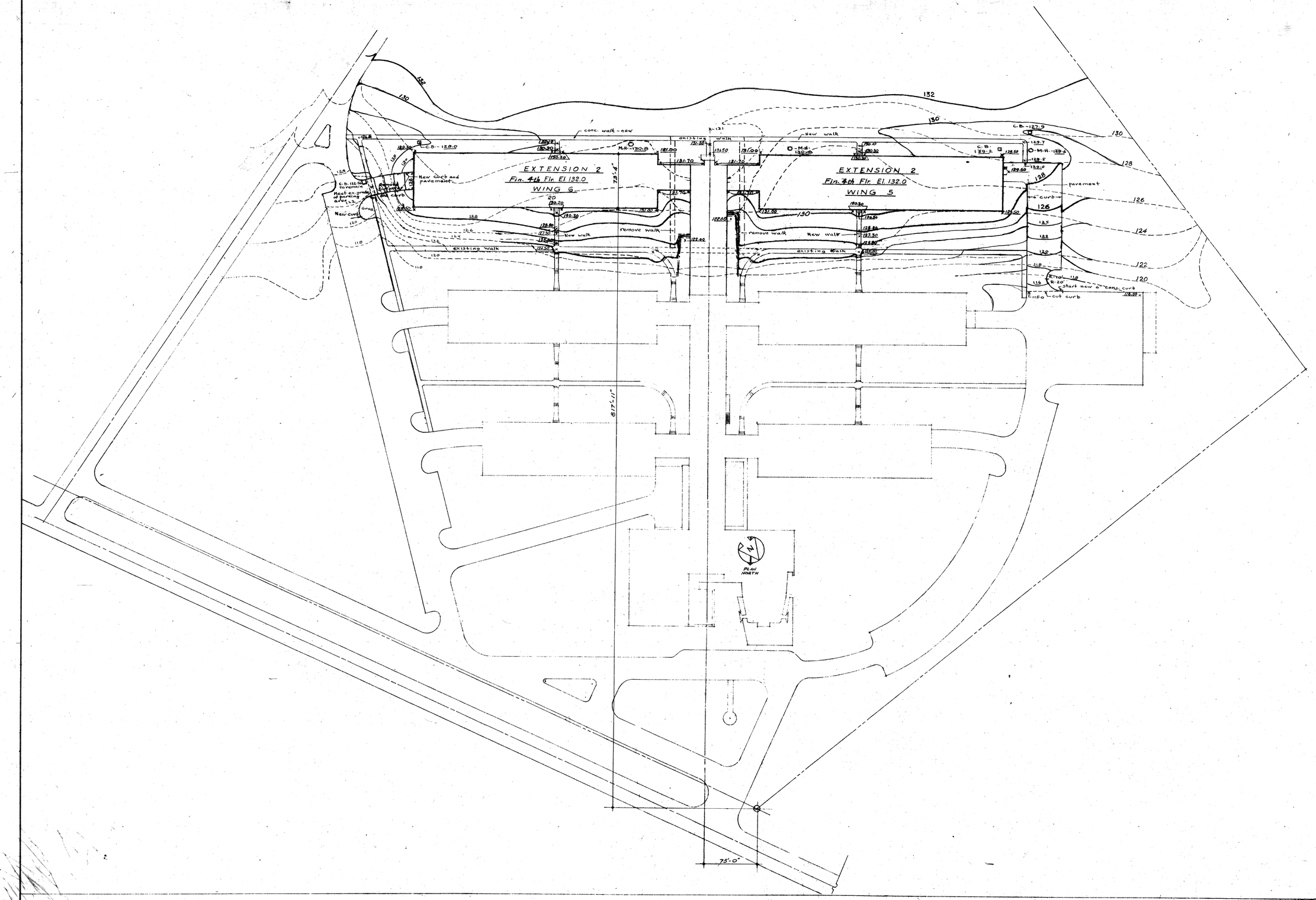
| | | | | |
|---|---|---|---|---|
| 3/4/52 "AE" | 3-28-52 "S" | 3/31/52 "SP" | 3-28-52 "DD" | 3-24-52 "AD" |

PUBLIC BUILDINGS SERVICE
GENERAL SERVICES ADMINISTRATION, WASHINGTON, D. C.

| | | | |
|---|---|---|---|
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | 3-044 | FILE NO. | |
| DRAWN BY | A.G. 2-22-52 | CHECKED BY | E.M.S. |
| DRAWING TITLE | SITE PLAN | | |
| | B-22001 ARCHITECTURAL | | |
| DRAWING NO. | 2-1 EXT 2 | | |

SITE PLAN

Scale 1"=50' (A)




GRADING PLAN - EXTENSION 2

SCALE 1" = 50'

A

~LEGEND~

■ Catch Basin (Detail 6-2-15 mod & 6-2-15A mod)
⊙ Manhole Storm Drain.
S.P. Vitrified Clay Pipe.
R.D. Roof Drain.

Existing ground contours for Extension 2 correspond with finish grade contours for Dwg. No. 2-2 Ext. 1.



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LOS ANGELES, CALIFORNIA
ROBERT W. DITZEN
ASSOCIATE ARCHITECT
BOULDER, COLORADO

| "ME" | "S" | "SF" | "DD" | "AD" |
|---|---|---|---|---|
| J.M. 2-21-52 | HGT 2-22-52 | CEH 2-21-52 | CAB 2-28-52 | 2-28-52 |

PUBLIC BUILDINGS SERVICE
GENERAL SERVICES ADMINISTRATION, WASHINGTON, D.C.

| | | | |
|---|---|---|---|
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | B-044 | FILE NO. | |
| DRAWN BY | J.M. 2-22-52 | CHECKED BY | C.S. |
| DRAWING TITLE | CONTOURS & GRADING PLAN | | |
| B-22002 | ARCHITECTURAL | | |
| DRAWING NO. | 2-2 EXT 2 | | |

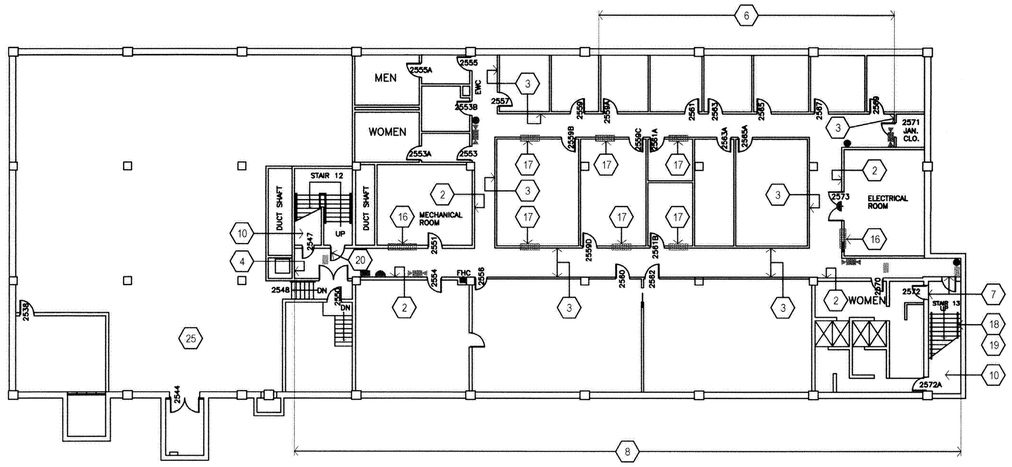
## LEGEND

- (E) FIRE EXTINGUISHER
- (E) FIRE ALARM BELL ON WALL
- (E) FIRE ALARM PULL STATION
- (E) ILLUMINATED "EXIT" SIGNAGE
- (E) EMERGENCY LIGHT FIXTURE
- (E) TRANSFER GRILLE OR RETURN AIR GRILLE THROUGH CORRIDOR WALL.
- (E) ILLUMINATED "STAIRWAY" SIGNAGE
- (E) FIRE ALARM HORN AND STROBE

## KEY NOTES

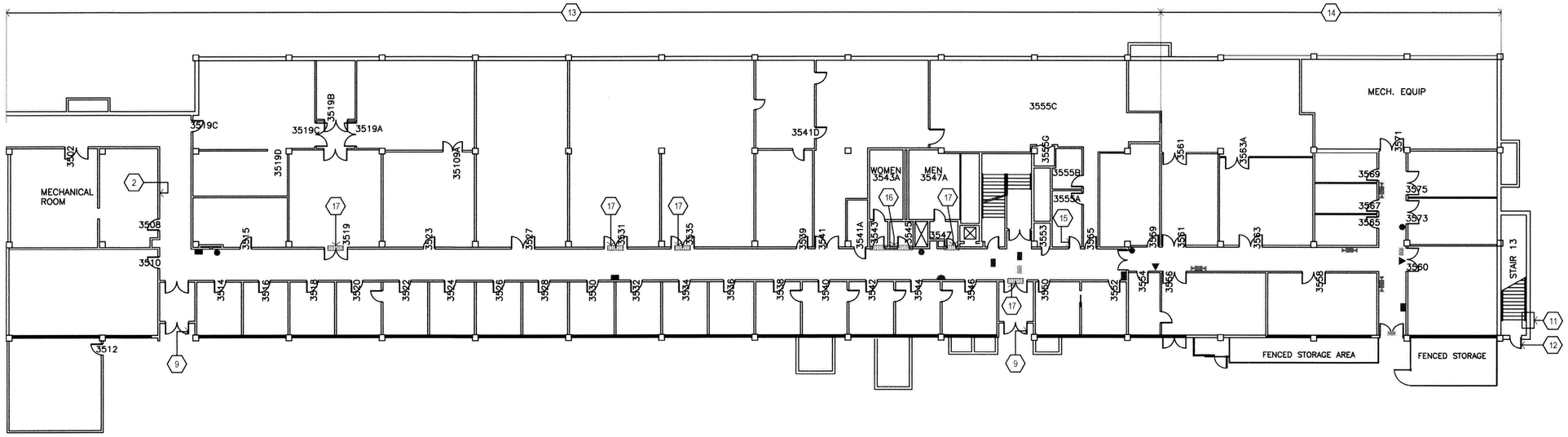
KEY NOTE REFERENCE NUMBER

1. DUMBWAITER
2. (E) CMU WALLS, FULL HEIGHT
3. (E) GYP. BD. WALLS, TO UNDERSIDE OF CEILING OR STOPS SHORT OF CEILING.
4. (E) DUMBWAITER
5. (E) SMOKE DETECTOR ABOVE
6. (E) VINYL COVERED PANEL WALL SYSTEM.
7. 3" STEP DOWN ONTO STAIRWAY LANDING.
8. (E) ACOUSTIC CEILING TILES GLUED TO BOTTOM OF STRUCTURE IN CORRIDOR.
9. (E) EXIT DOORS WITH WIRE GLASS LITES, EXIT DEVICE AND CLOSER.
10. (E) AREA BELOW STAIRWAY USED FOR STORAGE. UBC 1005.3.3.6
11. (E) DAMPER ON WALL. PURPOSE UNKNOWN.
12. (E) EXIT DOOR WITH CLOSER AND NO EXIT DEVICE.
13. (E) NO CEILING, OPEN TO STRUCTURE, (E) CMU CORRIDOR WALLS TO BOTTOM OF STRUCTURE.
14. (E) S.A.C. (7'-3" AFF), IT APPEARS GYP. BD. WALLS TO UNDERSIDE OF CEILING.
15. WALL BUILT INTO (E) INACTIVE DOOR LEAF OF DOUBLE DOOR OPENING.
16. (E) R.A. GRILLE, NO DAMPER
17. (E) TRANSFER GRILLE, NO DAMPER
18. (E) HANDRAILS STOP AT EDGE OF FIRST AND LAST TREAD, DOES NOT COMPLY.
19. (E) HANDRAIL IS MOUNTED HIGHER THAN ALLOWED.
20. (E) 1-1/2 HR FIRE-RATED EXIT DOOR IN NON-FIRE RATED FRAME WITH EXIT DEVICE & 6" X 24" WIRE GLASS BORROWED LIGHT; DOOR DOES NOT SWING IN DIRECTION OF TRAVEL (EXIT TO GRADE)
21. DOOR TYPE 'A' : EXIST. NON-FIRE RATED DOOR, NON-FIRE RATED DOOR FRAME
22. DOOR TYPE 'B' : EXIST. NON-FIRE RATED DOOR, NON-FIRE RATED DOOR FRAME; LOUVER
23. DOOR TYPE 'D' : EXIST. NON-FIRE RATED DOOR, NON-FIRE RATED DOOR FRAME; NON-WIRE GLASS; LOUVER
24. DOOR TYPE 'E' : EXIST. 20 MIN. OR HIGHER FIRE RATED DOOR; NON-FIRE RATED DOOR FRAME; NON-WIRE GLASS
25. SUB BASEMENT IS NOT SPRINKLERED AS REQUIRED BY UBC 904.2.2




## SUB-BASEMENT FLOOR PLAN - EXIST. CONDITIONS

N.T.S.




## BASEMENT FLOOR PLAN - EXIST. CONDITIONS

N.T.S.


GREENBERG +
GREENBERG
1700 EAST 17TH AVENUE
DENVER, COLORADO 80218
303 3 2 1 2 0 4 3
F A X 3 0 3 3 2 1 2 0 9 0


EMERGENCY EGRESS STUDY
NIST, B1, W5
SUB BASEMENT
BASEMENT

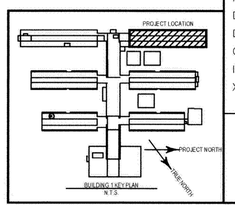
325 BROADWAY
BOULDER, COLORADO

ARCHITECTURE
CODE ANALYSIS PLANS

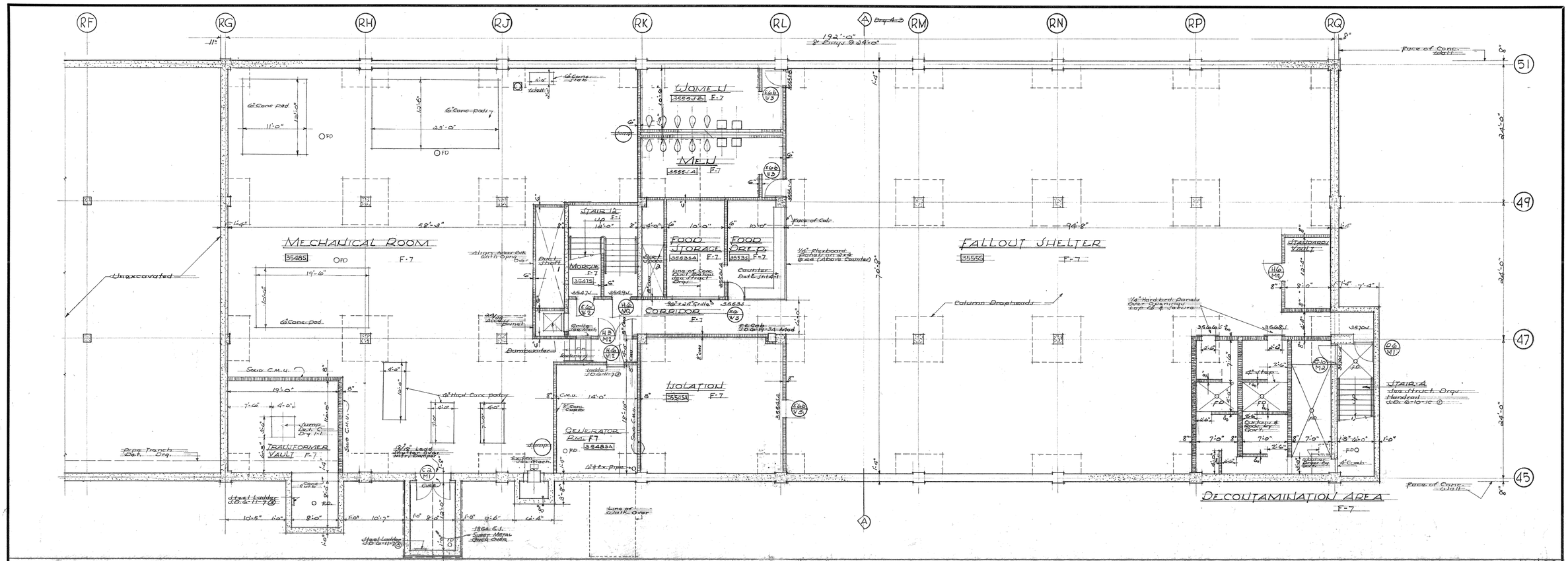
REVISIONS

| NO. | DATE |
|---|---|
| | |
| | |
| | |
| | |
| | |
| | |

| | |
|---|---|
| PROJECT NO. | 20206.00 |
| DATE | 05.17.02 |
| DRAWN BY | PL |
| CHECKED BY | PG |
| ISSUE FOR: | |
| XXX | |

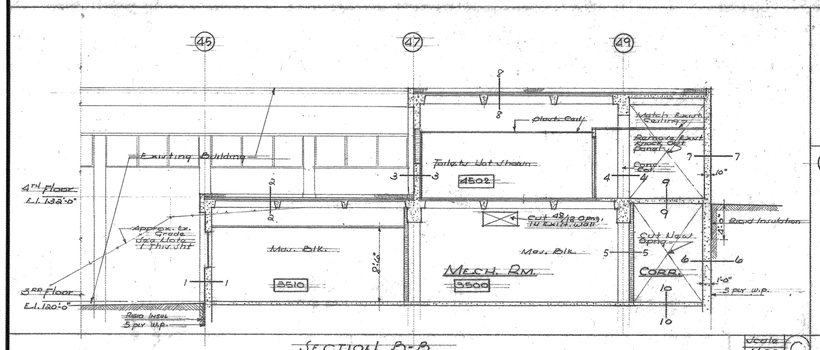



CRP-1

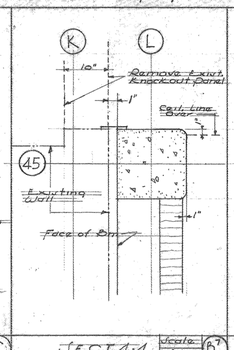



BASEMENT PLAN - WING UNIT 5

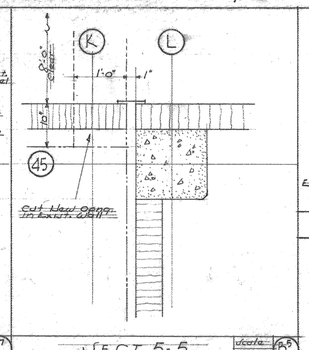
Scale 1/8" (A)




SECTION B-B — Scale 1/8" (C)



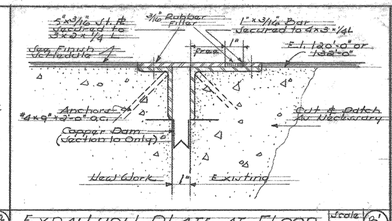

SECT 4-4 — Scale 3/4" (B7)



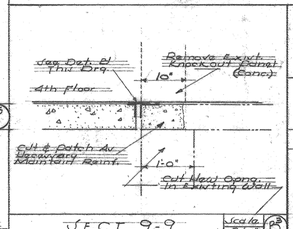

SECT 5-5 — Scale 3/4" (B8)



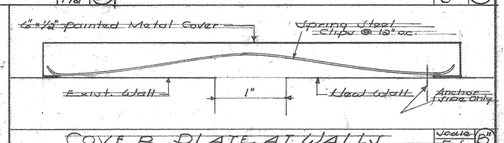

SECT 8-8 — Scale 1 1/2" (B2)



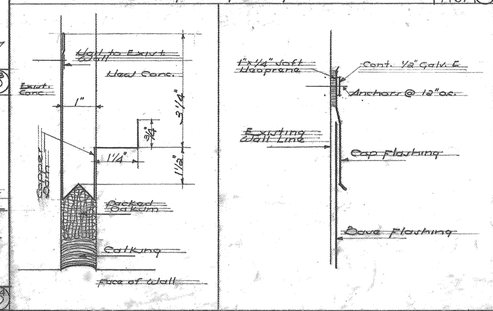

EXPANSION PLATE AT FLOOR — Scale 3" (B1)




SECT 9-9 — Scale 3/4" (B)



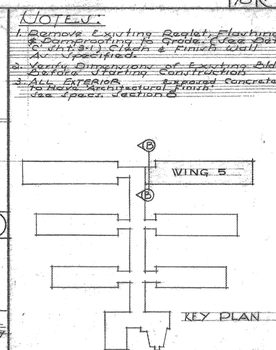

COVER PLATE AT WALL — Scale F.J. (B)

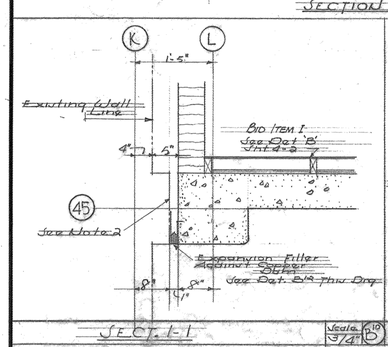



JOINT DET. — Scale HFS (B)

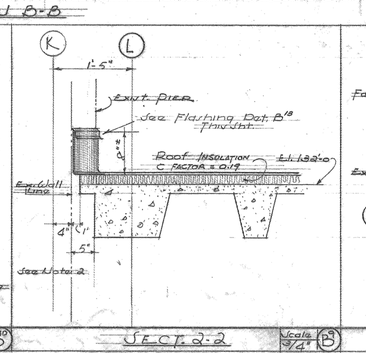
FLASHING DET. — Scale HFS (B)

NOTE:
1. Remove Existing Roofs, Flashing & Damproofing to Grade. (See Det. "C" Dwg. 3-1) Clean & Finish Wall Air Specified.
2. Verify Dimensions of Existing Bldg. Before Starting Construction.
3. All Grade Exposed Concrete to have Architectural Finish. (See Spec. Section 2)

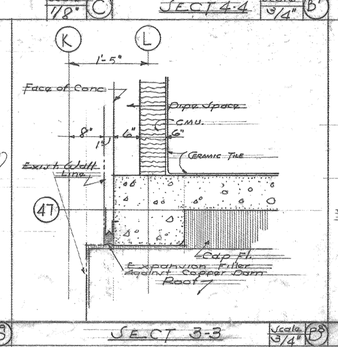


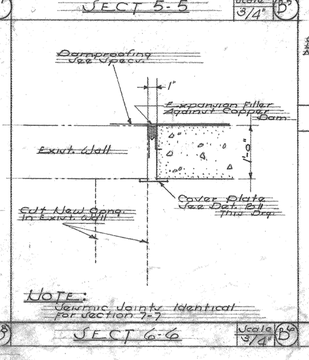

SECT. 1-1 — Scale 3/4" (B10)




SECT. 2-2 — Scale 3/4" (B)

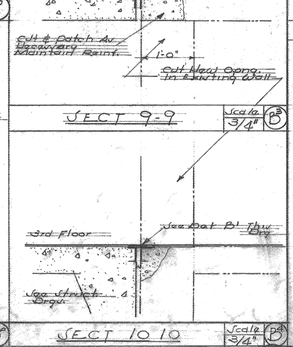



SECT 3-3 — Scale 3/4" (B)




NOTE: Seismic Joints Identical for Section 7-7

SECT 6-6 — Scale 3/4" (B)




SECT 10-10 — Scale 3/4" (B)

SEISMIC DETAILS (B)

MICROFILMED MAR 23 REC'D

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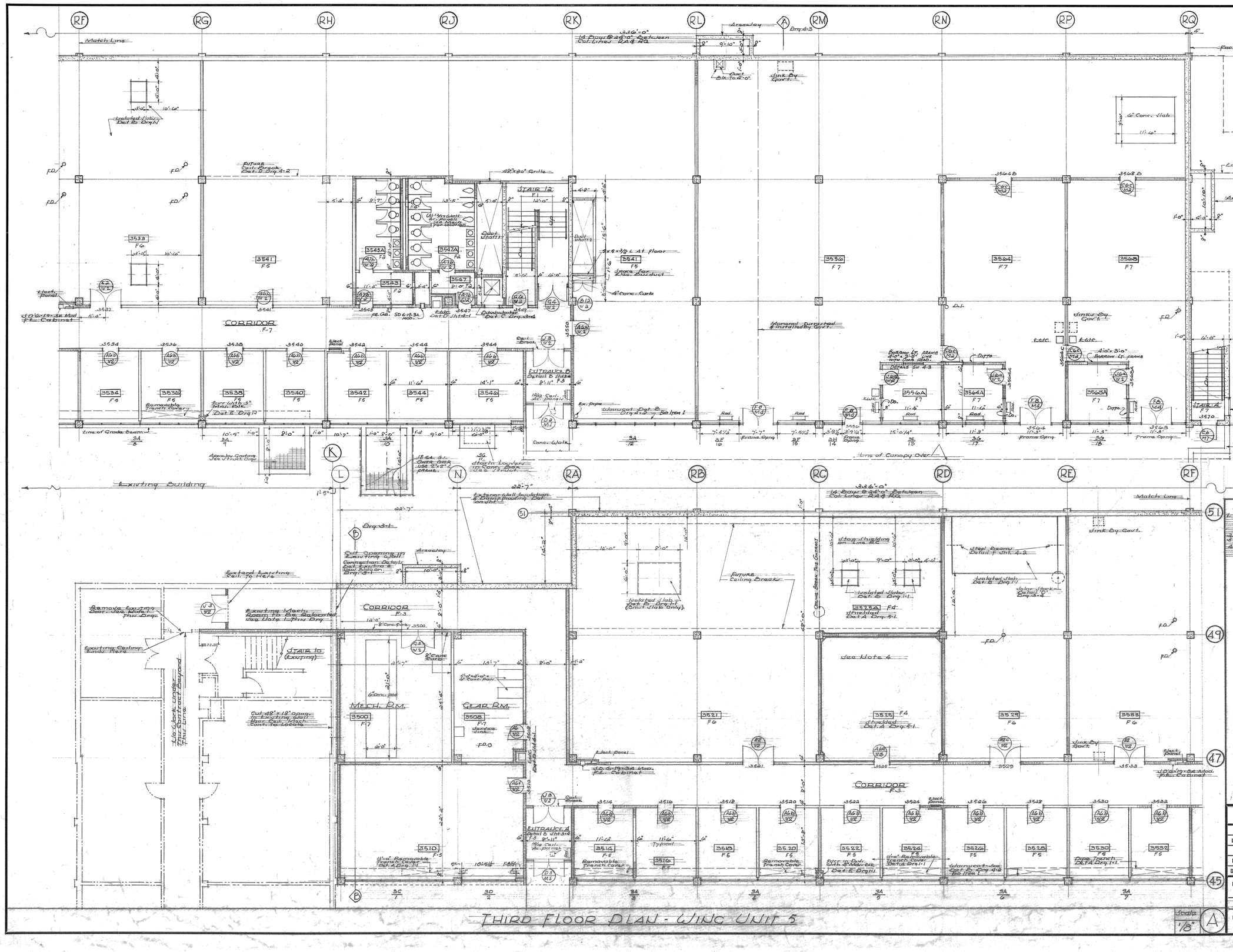
DENVER ARCHITECTS COLORADO

GENERAL SERVICES ADMINISTRATION
PUBLIC BUILDINGS SERVICE · WASHINGTON, D. C.

| | | | |
|---|---|---|---|
| PROJECT | WING NO 5 EXT. TO BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 93 | | |
| PROJ. NO. | 917 | FILE NO. | |
| DRAWN BY | VB 11-10-60 | CHECKED BY | C. MUSICK |
| DRAWING TITLE | BASEMENT PLAN ARCHITECTURAL | | |
| DRAWING NO. | 3-1 | GS-08B-2626 EXT 2 | |

B-22009



NOTES

1. Patch & Repair Existing Mech. Room To Match Existing. Remove Existing Doors & Extend Ceiling to Doors B2 / M1
2. Maintain Level Floor At Flr. Drains
3. Copper Shielding in Area Between Col. Lines RC-RD & 47-51
4. 4" Concrete Sub Slab & Plastic Dampproofing in Area Between Col. Lines RC-RD & 47-51

WING 5

KEY PLAN

MICROFILMED
MAR 13

G. MEREDITH MUSICK
AND
CLAYTON C. MUSICK
ARCHITECTS
DENVER COLORADO

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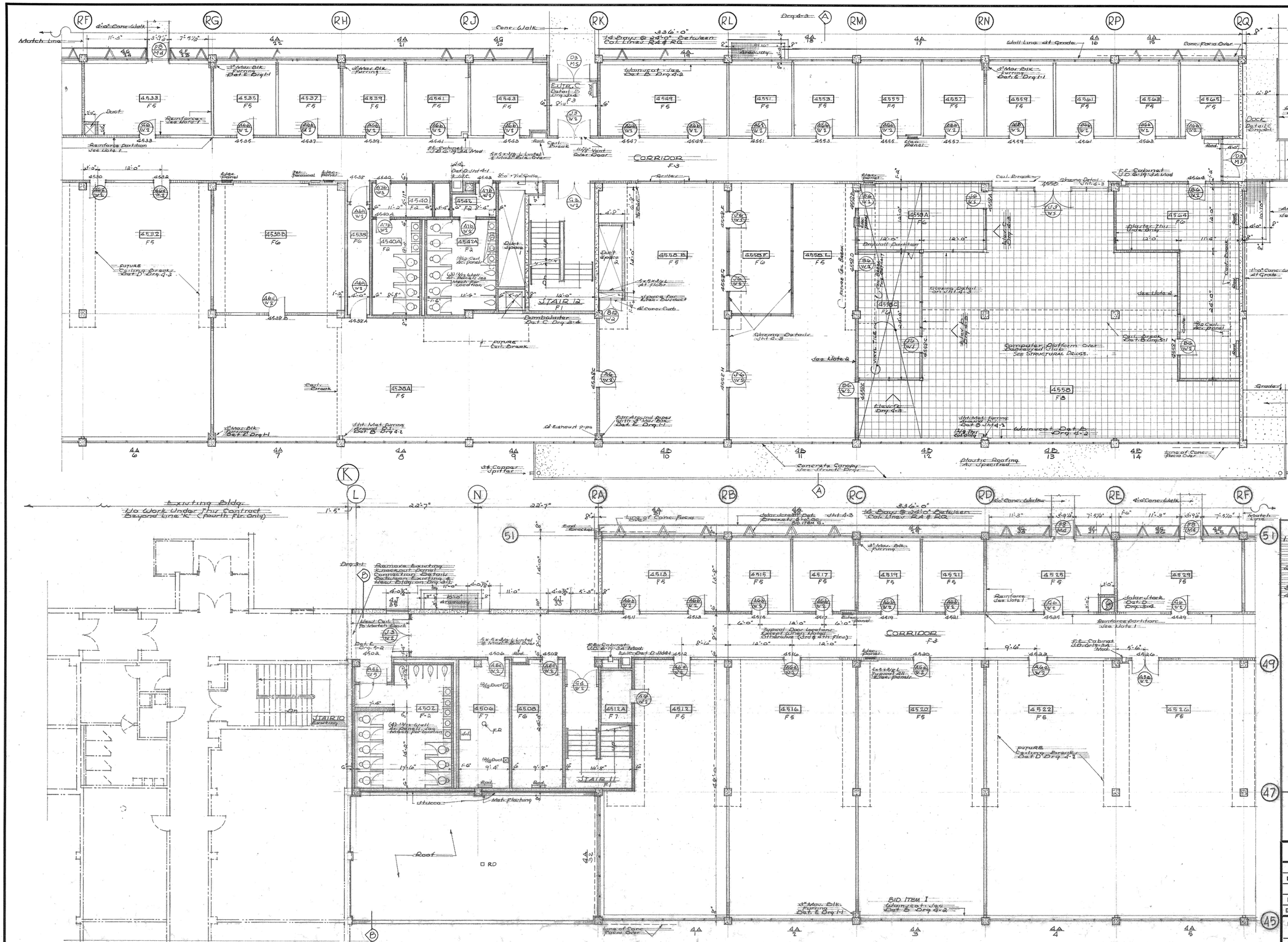
| | | | |
|---|---|---|---|
| PROJECT | WING NO 5 EXT. TO BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 93 | | |
| PROJ. NO. | 917 | FILE NO. | |
| DRAWN BY | WB 11-10-60 | CHECKED BY | C. MUSICK |
| DRAWING TITLE | THIRD FLOOR PLAN | | |
| | ARCHITECTURAL | | |
| DRAWING NO. | 3-2 | GS-08B-2626<br>EXT 2 | |

B-22010

U. S. GOVERNMENT PRINTING OFFICE

GSA FORM 1109
June 1953



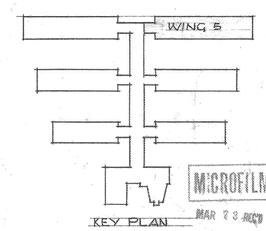

FOURTH FLOOR PLAN - WING UNIT 5

Scale 1/8"

A

NOTES:

1. Reinforce Walls Between Col. Lines RD & RQ Where Noted on Plans. Typical Reinforcing Each Horizontal Joint & (2) #5 @ 16" o.c. Vertical.
2. Partitions on Col. Line RM Bet. 4541-49 & Around Room 4540-A To Be Run Tight Against Structural Slab.
3. 5x5x3/8 L Lintels To Be Used Over Elec. Panel Recesses.
4. See Note 3, Drg. 3-1.




KEY PLAN

MICROFILMED MAR 23 1961

G. MEREDITH MUSICK AND CLAYTON C. MUSICK
DENVER ARCHITECTS COLORADO

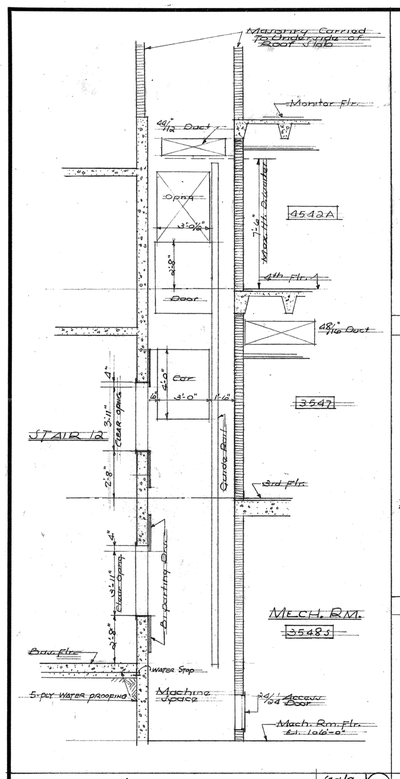
GENERAL SERVICES ADMINISTRATION
PUBLIC BUILDINGS SERVICE - WASHINGTON, D. C.

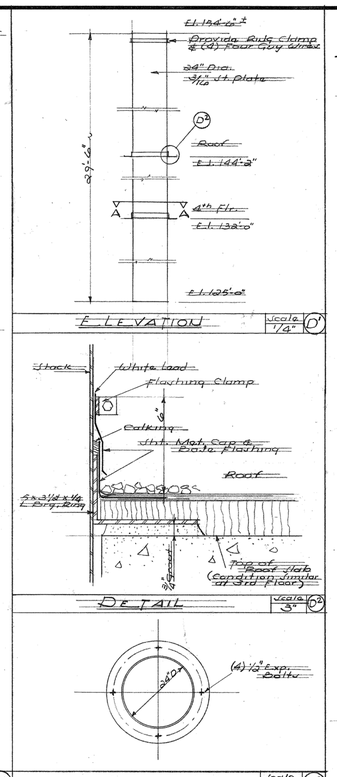
| | | | |
|---|---|---|---|
| PROJECT | WING NOS. EXT. TO BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 93 | | |
| PROJ. NO. | 917 | FILE NO. | |
| DRAWN BY | VB 11-10-60 | CHECKED BY | C. MUSICK |
| DRAWING TITLE | FOURTH FLOOR PLAN | | |
| | ARCHITECTURAL | | |
| DRAWING NO. | 3-3 | GS-08B-2626 EXT 2 | |

B-22011

U. S. GOVERNMENT PRINTING OFFICE 494325-b

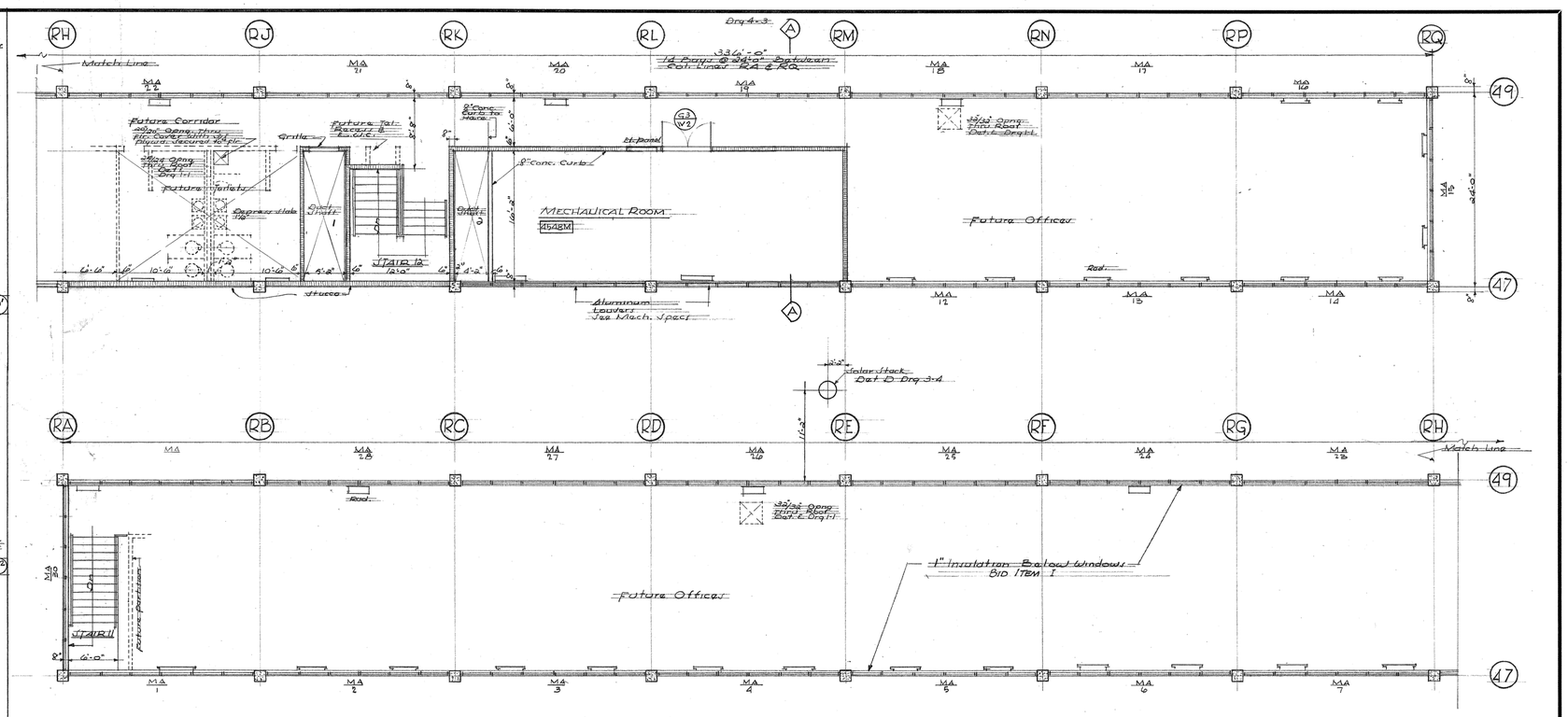
GSA FORM 1109 June 1953



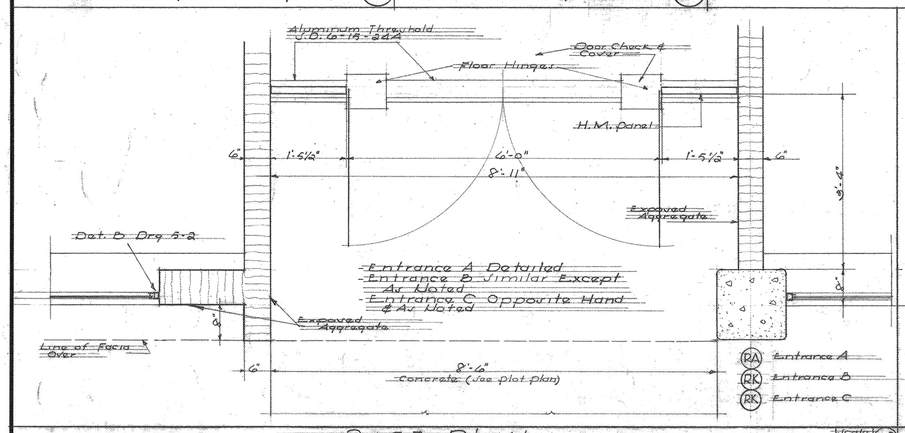




DUMBWAITER DETAIL C

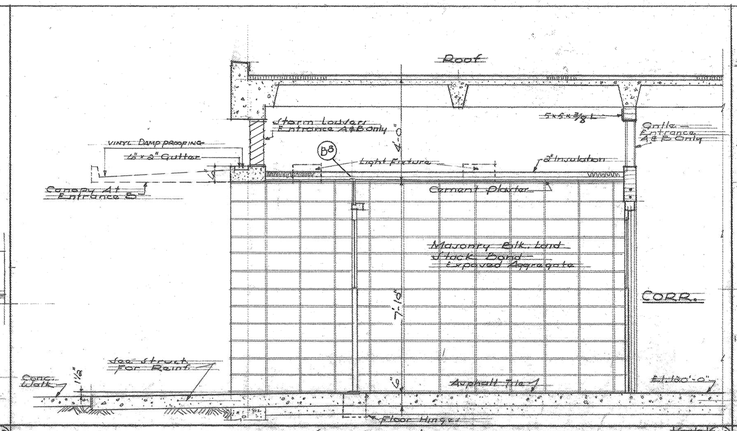
SOLAR STACK D



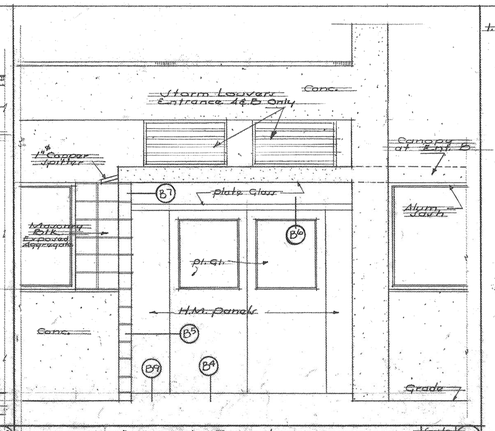

MONITOR FLOOR PLAN - WING UNIT 5 Scale 1/8" A




PART PLAN Scale 3/4" B8

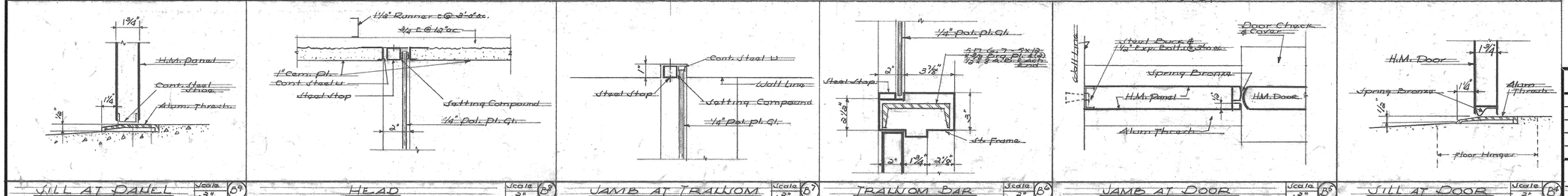



SECTION Scale 3/8" B8




ELEVATION Scale 3/8" B8

See Note 3, Drg. 3-1




DETAIL NORTH & SOUTH ENTRANCES B

MICROFILMED
MAR 23 1966

G. MEREDITH MUSICK
AND
CLAYTON C. MUSICK
DENVER ARCHITECTS COLORADO

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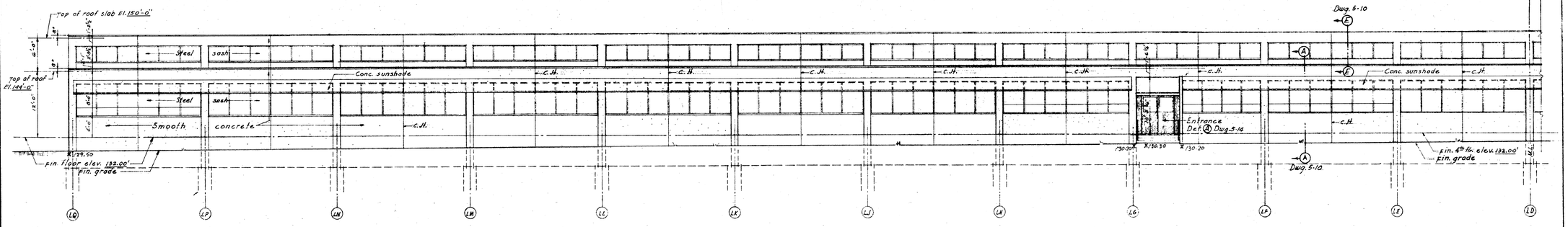
| | | | |
|---|---|---|---|
| PROJECT | WING NO 5 EXT TO BOULDER LABORATORIES, NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 93 | | |
| PROJ. NO. | 917 | FILE NO. | |
| DRAWN BY | WB 11-10-60 | CHECKED BY | G. MUSICK |
| DRAWING TITLE | MONITOR FLOOR PLAN | | |
| | ARCHITECTURAL | | |
| DRAWING NO. | 3-4 | 55-080-2626 EXT 2 | |

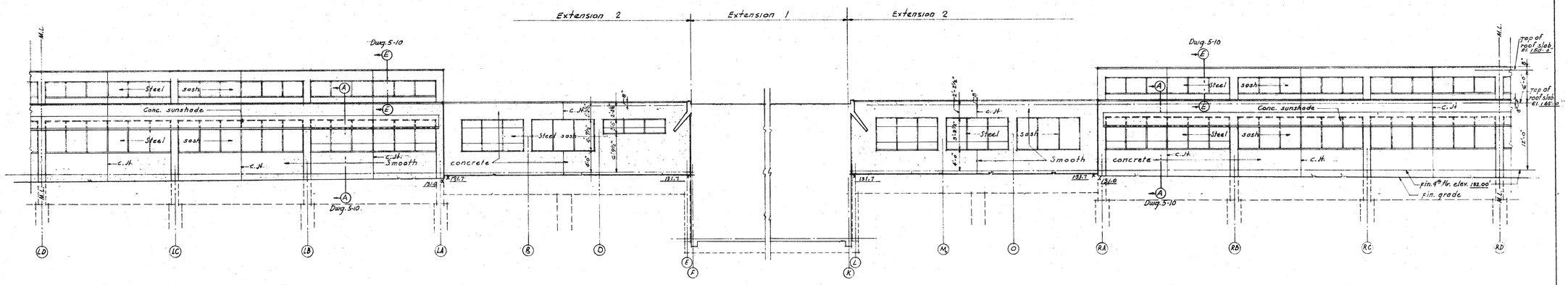
B-22012

5

Monitor




A3

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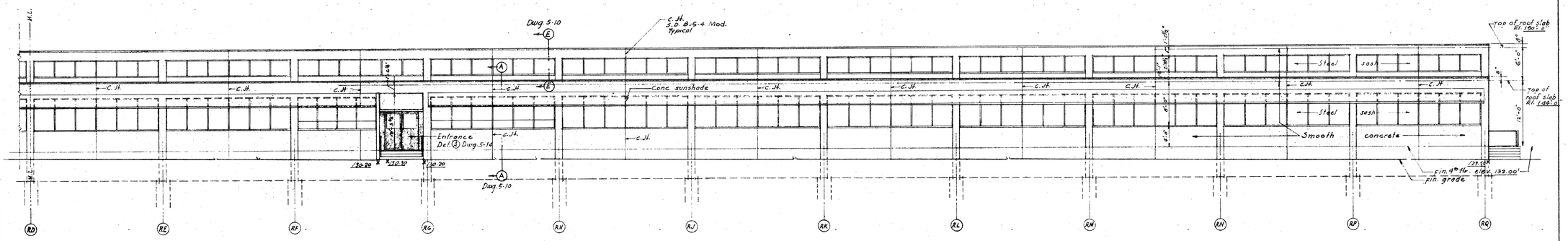


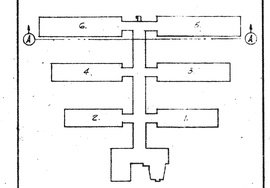

A1

NORTH ELEVATION WING UNITS 5 & 6

Scale 1/8"

A

Note:
For elevations, dimensions, & operation of windows, see Dwg. 5-18



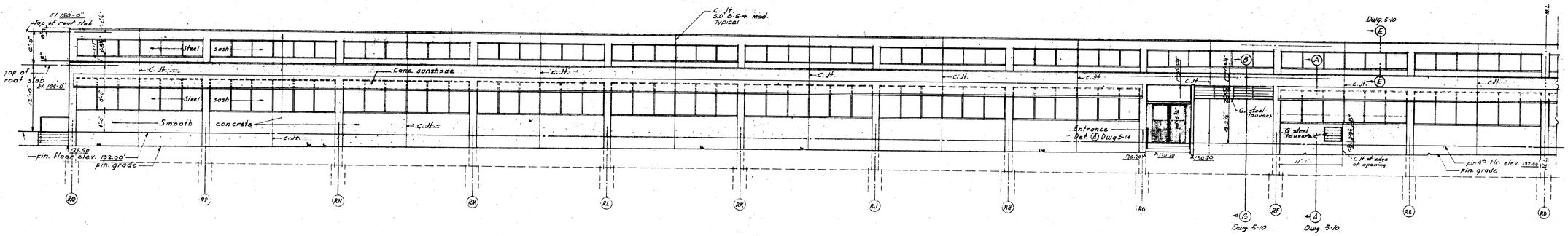



PEREIRA & LUCKMAN
AND
J. E. STANTON
ARCHITECTS AND ENGINEERS
LOS ANGELES, CALIFORNIA
ROBERT W. DITZEN
ASSOCIATE ARCHITECT
BOULDER, COLORADO

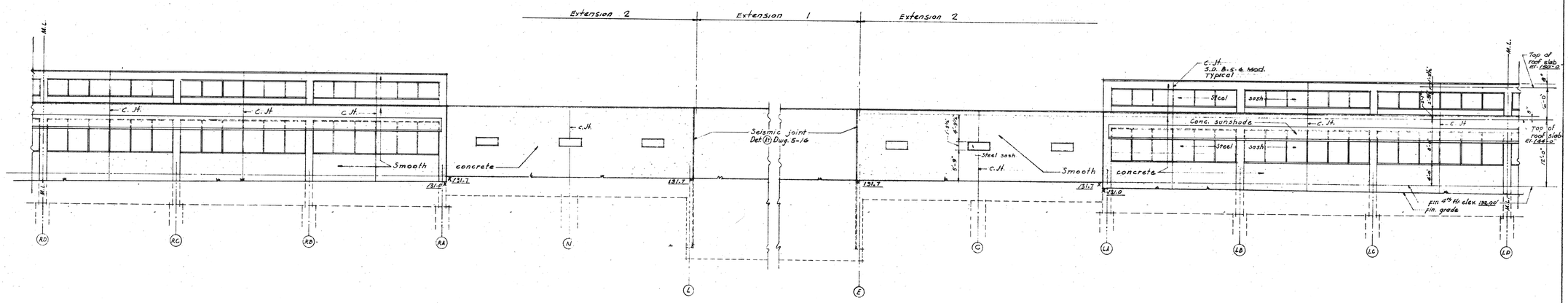
| "ME" | "S" | "SP" | "DD" | "AD" |
|---|---|---|---|---|
| 11/47 2-14-51 | | | | |

PUBLIC BUILDINGS SERVICE
GENERAL SERVICES ADMINISTRATION, WASHINGTON, D. C.

| | | | |
|---|---|---|---|
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | 5-044 | FILE NO. | |
| DRAWN BY | J.O. 2-22-52 | CHECKED BY | E.M.S. |
| DRAWING TITLE | ELEVATIONS WING UNITS 5 & 6 | | |
| B-22005 ARCHITECTURAL B23005 | | | |
| DRAWING NO. | 4-1 EXT 2 | | |




A3

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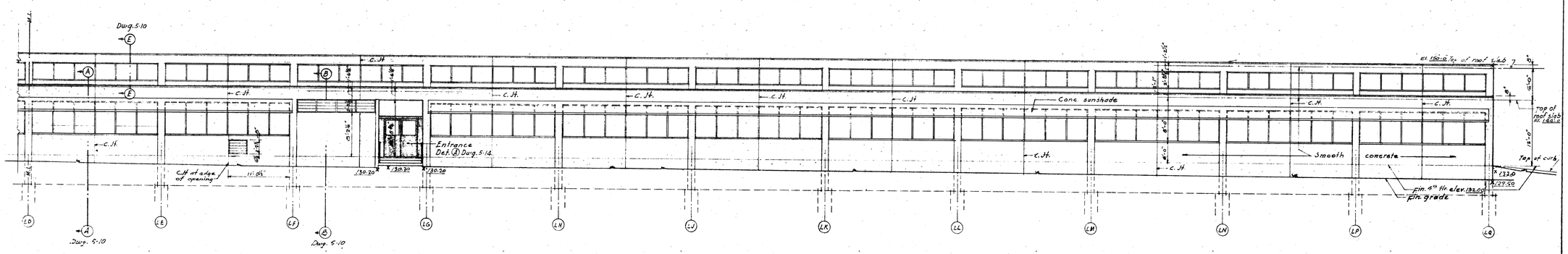
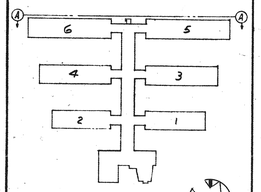



A1

SOUTH ELEVATION WING UNITS 5 & 6

Scale 1/8

A




KEY PLAN



PEREIRA & LUCKMAN
AND
J. E. STANTON
ARCHITECTS AND ENGINEERS
LOS ANGELES, CALIFORNIA
ROBERT W. DITZEN
ASSOCIATE ARCHITECT
BOULDER, COLORADO

| | | | | |
|---|---|---|---|---|
| "ME" | "S" | "SP" | "DD" | "AD" |

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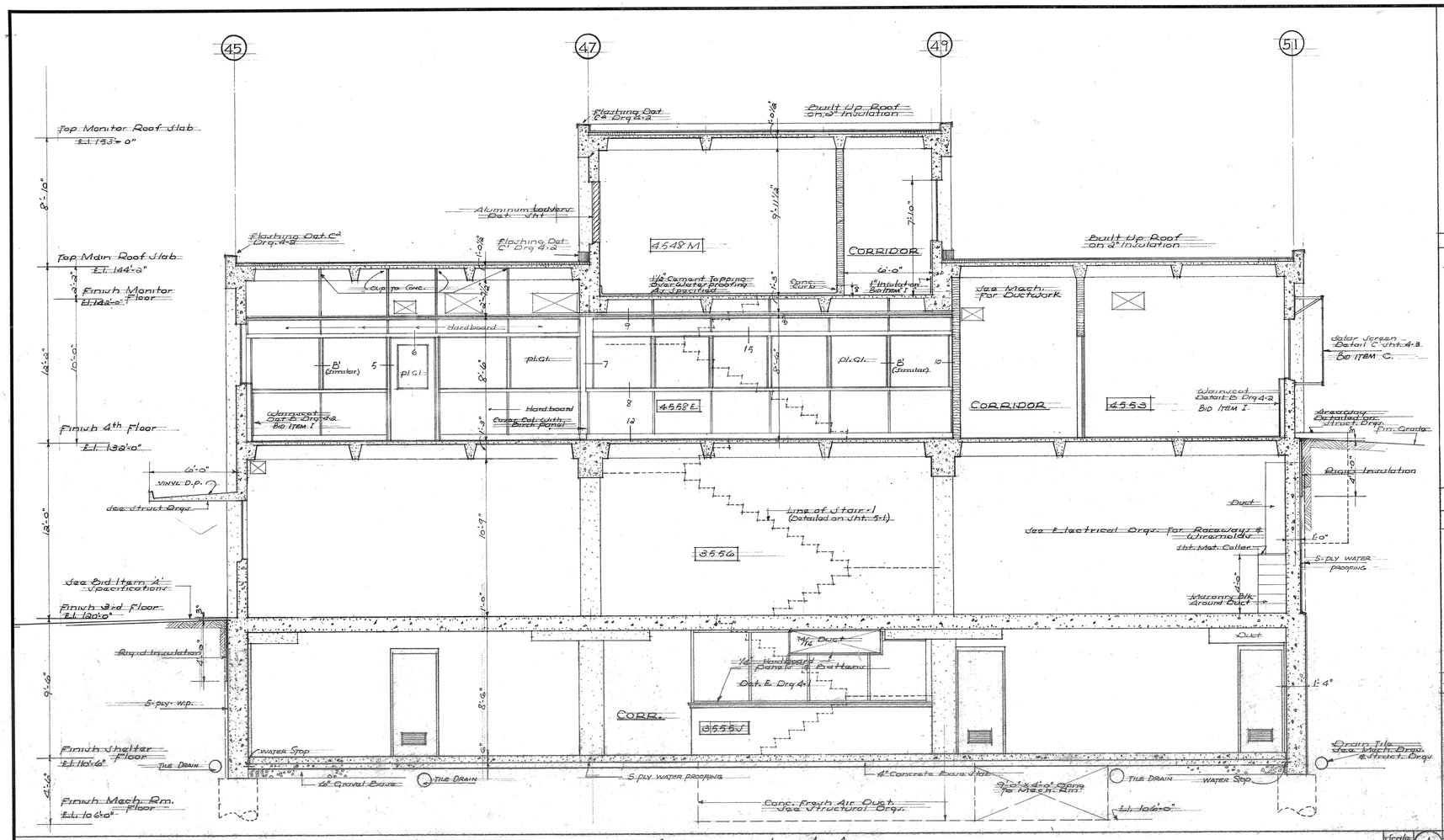
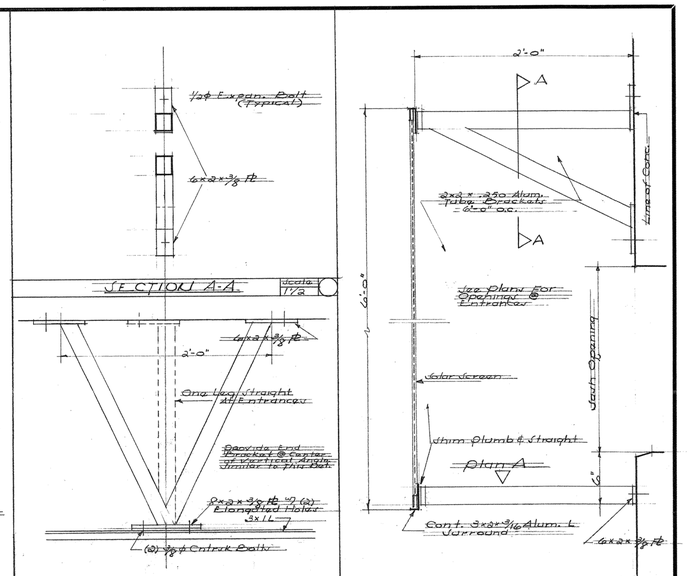
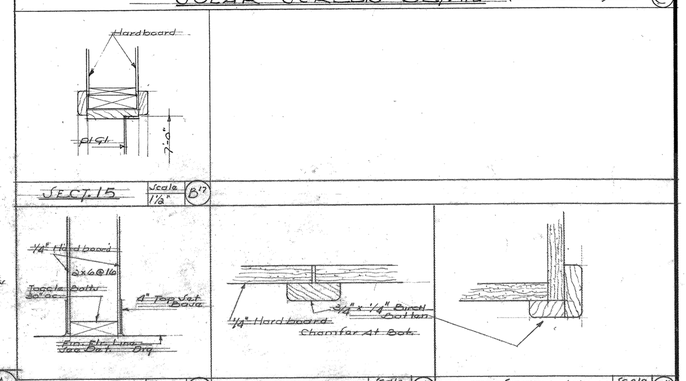
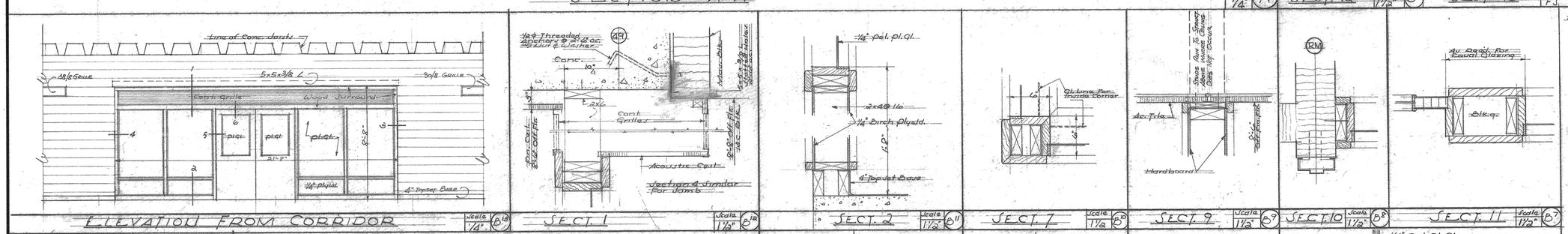
| | | | |
|---|---|---|---|
| PROJECT | BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 170 | | |
| PROJ. NO. | 5-044 | FILE NO. | |
| DRAWN BY | J.G. | 2-22-52 | CHECKED BY E.M.S. |
| DRAWING TITLE | ELEV.S & SECT.S WING UNITS 5 & 6 | | |
| B-22006 ARCHITECTURAL B-23006 | | | |
| DRAWING NO. | 4-2 EXT 2 | | |

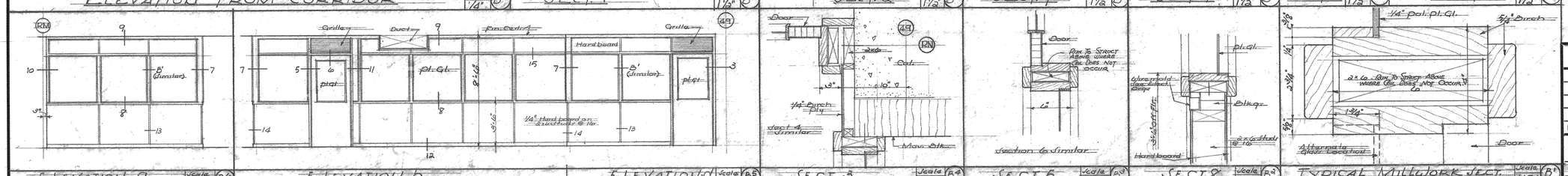



SECTION A-A Scale 1/4" (A)




GLAZING DETAILS FOR ROOM 4558 #3556A 4A & 4A SIMILAR (B)

G. MEREDITH MUSICK AND CLAYTON C. MUSICK
DENVER ARCHITECTS COLORADO

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|---|---|---|---|
| PROJECT | WING NO. 5 EXT. TO BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS | | |
| LOCATION | BOULDER, COLORADO | | |
| STREET | STATE HIGHWAY 93 | | |
| PROJ. NO. | 912 | FILE NO. | |
| DRAWN BY | WB | 11-10-60 | CHECKED BY: C. MUSICK |
| DRAWING TITLE | TRANSVERSE SECT. | | |
| DRAWING NO. | ARCHITECTURAL 4-3 | GS-08B-2626 EXT 2 | |

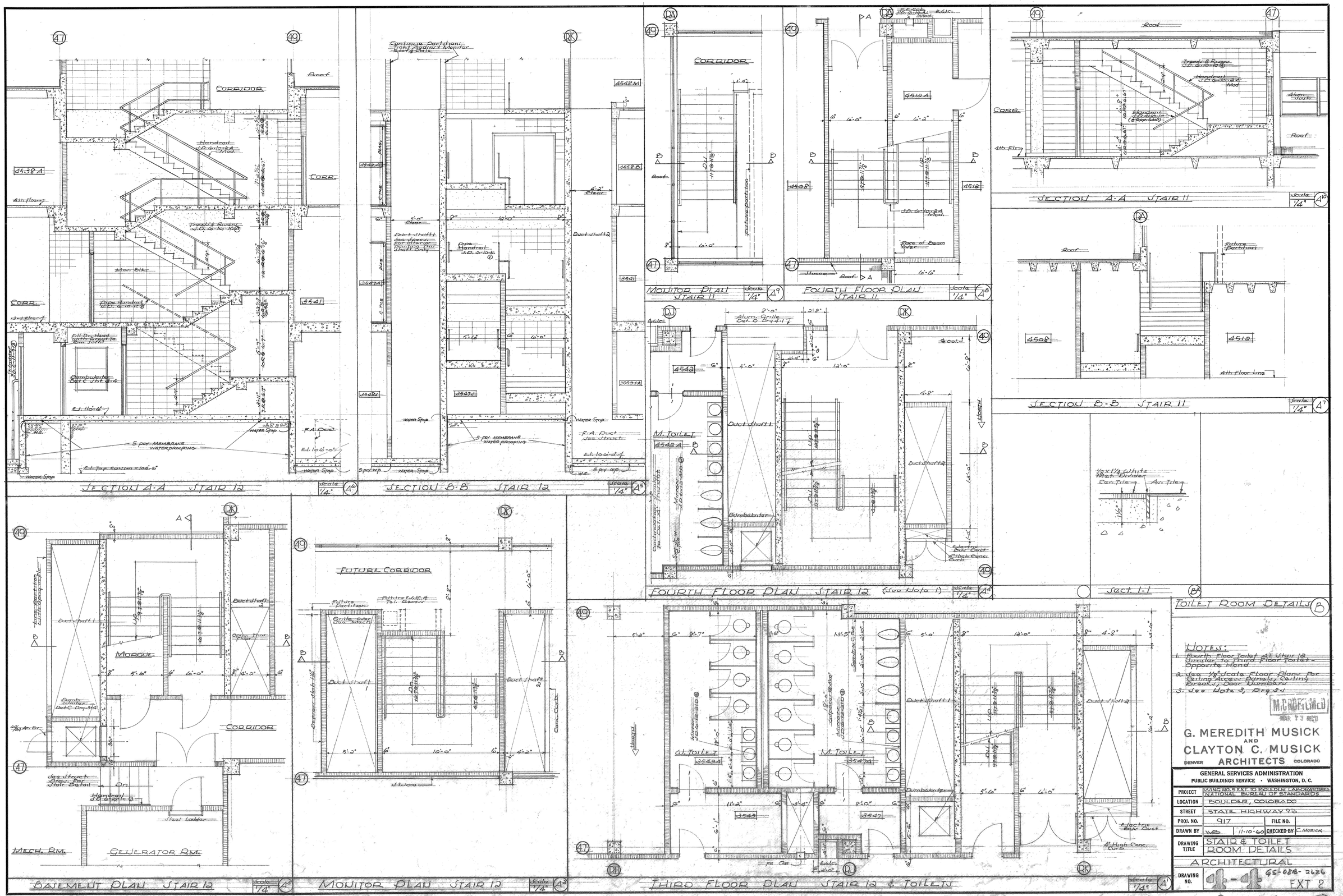
B-22015

MICROFILMED MAR 7 '73 REC'D

U. S. GOVERNMENT PRINTING OFFICE 474537-D

GSA FORM 1109 June 1953

4-3


SECTION A-A STAIR 12
SECTION B-B STAIR 12
MONITOR PLAN STAIR 11
FOURTH FLOOR PLAN STAIR 11
SECTION A-A STAIR 11
SECTION B-B STAIR 11
FOURTH FLOOR PLAN STAIR 12 (See Note 1)
Sect. 1-1
TOILET ROOM DETAILS
BASEMENT PLAN STAIR 12
MONITOR PLAN STAIR 12
THIRD FLOOR PLAN STAIR 12 & TOILETS
CORRIDOR
FUTURE CORRIDOR
M. TOILET
W. TOILET
MORGUE
MECH. RM.
GENERATOR RM.
Dumbwaiter
Duct shaft 1
Duct shaft 2
5 ply MEMBRANE WATERPROOFING
WATER Stop
Scale 1/4"
NOTES:
1. Fourth Floor Toilet At Stair 12 Similar to Third Floor Toilet - Opposite Hand
2. See 1/8" Scale Floor Plans For Ceiling Access Panels, Ceiling Brackets, Door Numbers
3. See Note 3, Dwg. 3-1
G. MEREDITH MUSICK AND CLAYTON C. MUSICK
DENVER ARCHITECTS COLORADO
GENERAL SERVICES ADMINISTRATION
PUBLIC BUILDINGS SERVICE • WASHINGTON, D. C.
PROJECT: WING NO. 6 EXT. TO BOULDER LABORATORIES NATIONAL BUREAU OF STANDARDS
LOCATION: BOULDER, COLORADO
STREET: STATE HIGHWAY 93
PROJ. NO.: 917
FILE NO.:
DRAWN BY: 11-10-60
CHECKED BY: C. MUSICK
DRAWING TITLE: STAIR & TOILET ROOM DETAILS
ARCHITECTURAL
DRAWING NO.: GS-088-2626 EXT 2
B-22016
10