

MULTNOMAH COUNTY BUILDING DEPARTMENT
PLAN CHECK SHEET

Job Name: 1638 NE 102nd
Location: 1638 NE 102nd
Date: 6-23-65 Checked By: Jorge

Item Page Detail
No. No. No. Comments Code Section No.

1. Provide stairs w/ hand rail 3319
2. Provide stairs w/ hand rail 3319
3. Provide stairs w/ hand rail 3319

37257

MULTNOMAH COUNTY BUILDING DEPARTMENT
PLAN CHECK SHEET

Job Name: 1638 NE 102nd
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PART OF ABOVE PLAN NOT LEGIBLE
WHEN RECEIVED FOR MICROFILMING

Including land, buildings and improvements.

William A. Sonias
WILLIAM A. SONIAS
CIVIL ENGINEER 10388

SHEET 2

William J. Smith
CIVIL ENGINEER - 1038

10


CIVIL ENGINEER 1038

SHEET 5

CIVIL ENGINEER • 1039

1

[illegible][illegible][illegible][illegible]

 **AMERICAN INSTITUTE OF STEEL CONSTRUCTION**

DESIGNED BY _____
ENGINEERED BY _____
FOR ALL JOBS
CONNECTIONS AND SPACING LEAVE 20% MIN 15% MAX

DATE 1-1-66

SPLICE & CHANGE IN TAPER

M = 66.0'
 $T.C. = \frac{66.0' \times 1}{2} = 33.0'$

USE 6" x 8 HT BOLTS PALLOW 39.9"

RATIO A = $\frac{360}{0.6082} = 149.0'$

USE 8" x 14 GROSS AREA = 200"
LESS 2 X 8 SQUARE = 64"
NET AREA = 136" OK

VERTICAL SPLICE USE 4" x 8 HT BOLTS PALLOW 39.9"

LONGITUDINAL WIND LOAD

$P.L.S.D.O. (7.90 + 11.23) = 574'$

RATIO AREA = $574' \times \frac{28}{32} = 0.2275$

USE 2 S4TS OF 12 RODS AS36 STEEL

USE IN ROWS & SIDEWAYS

ANCHOR BOLTS

H = 20.11'
USE 4" x 8 ANCHOR BOLTS PALLOW 12.00"
TIE RODS w/E THRUOUT & SLOPE 2" x 6" = $\frac{12.00'}{24.00'} = .5$

RATIO AREA = $\frac{20.11}{20.00} = 1.005"$ USE 4 RS BMS LOOK ALONG ANCHOR BOLTS

BASIC ST V = 29.03"
USE 8" x 12 RS
W = $\frac{29.03'}{11.14} = 0.24\%$
A = $\frac{29.03' \times 11.14}{100} = 0.32$
= $\frac{(29.03' \times 11.14)}{100} =$ USE 7R

87257

DESIGNED BY **LEWIS**

CHECKED BY **[Signature]**

DATE **11-1-68**

FOR **ALL JOBS**

CONSTRUCTION **80 SPAN 16 BAYS 20% LL**

DATE **11-1-68**

BY **MR. J. L. JONES**

DATE **1-1-68**

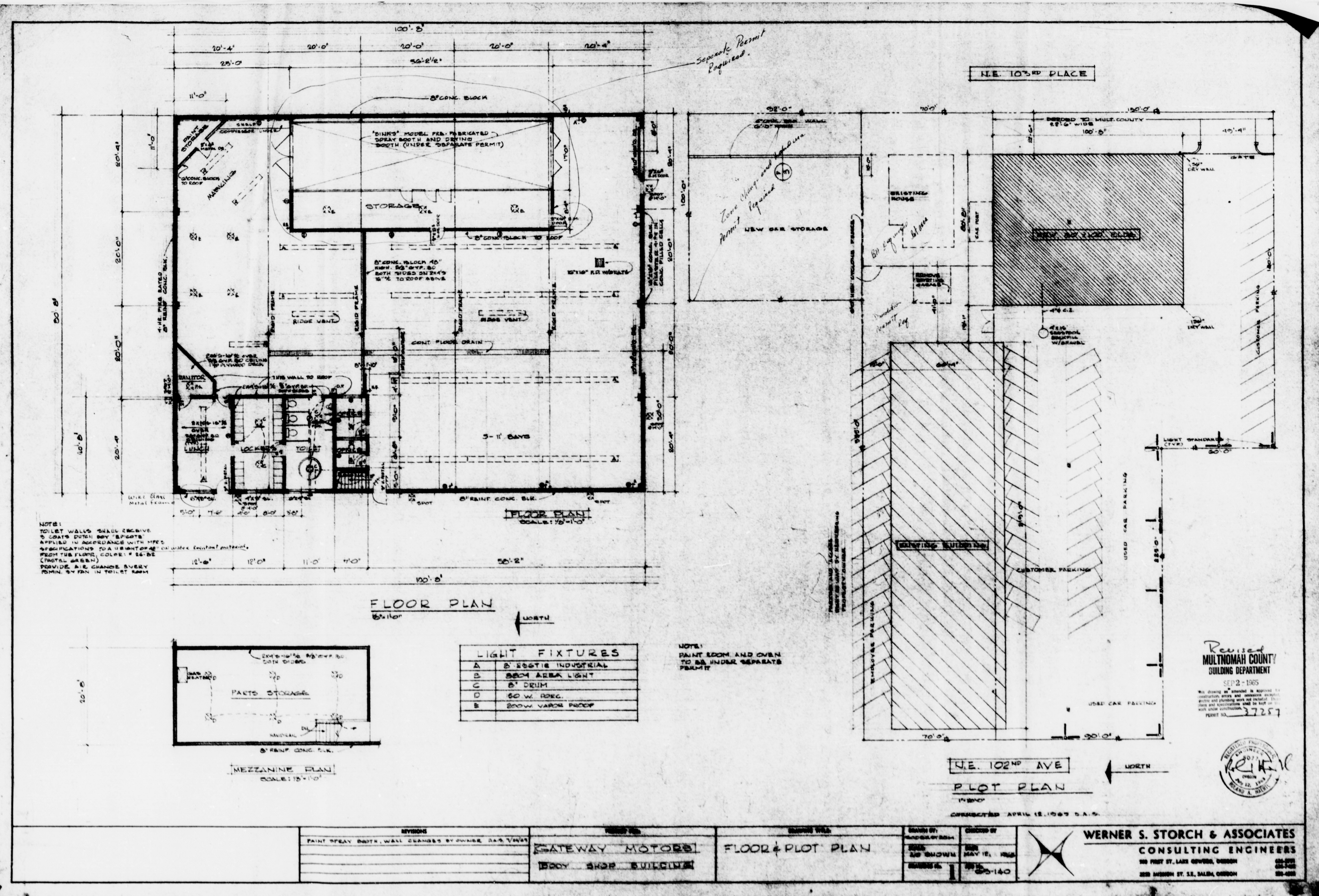
SPALCE ON RIDGE

$MT = 96.6''$
 $C = T = \frac{96.6 \times 12}{2.0} = 91.4$
 USE $8 - \frac{3}{4} \phi$ MT BOLTS $Area = 23.0''^2$
 SPALCE RE AREA = $\frac{91.4}{2.0 \times 8} = 1.64''$
 USE $8 - \frac{5}{8}'' \#8$ $A = 2.50$
 LESS $8 - \frac{3}{4} \phi$ $1.99''^2$ OR
 VERTICAL SPALCE USE $4 - \frac{1}{2} \phi$ MID $Area = 7.00''^2$

FOUNDATION $V = 23.03''$

ALLOWABLE DM. PER STAKE	1000%	1500%	2000%	3000%
AREA REQ'D	27.15	22.03/1.75 = 17.05	23.03/1.75 = 17.45	23.03/2.75 = 8.09
PROPOSED SIZE	6'3" x 12	4'2" x 12	3'7" x 12	2'11" x 12
REMARK	6 # 8 BARS EACH WAY	5 # 8 BARS EACH WAY	4 # 8 BARS EACH WAY	4 # 8 BARS EACH WAY

3725

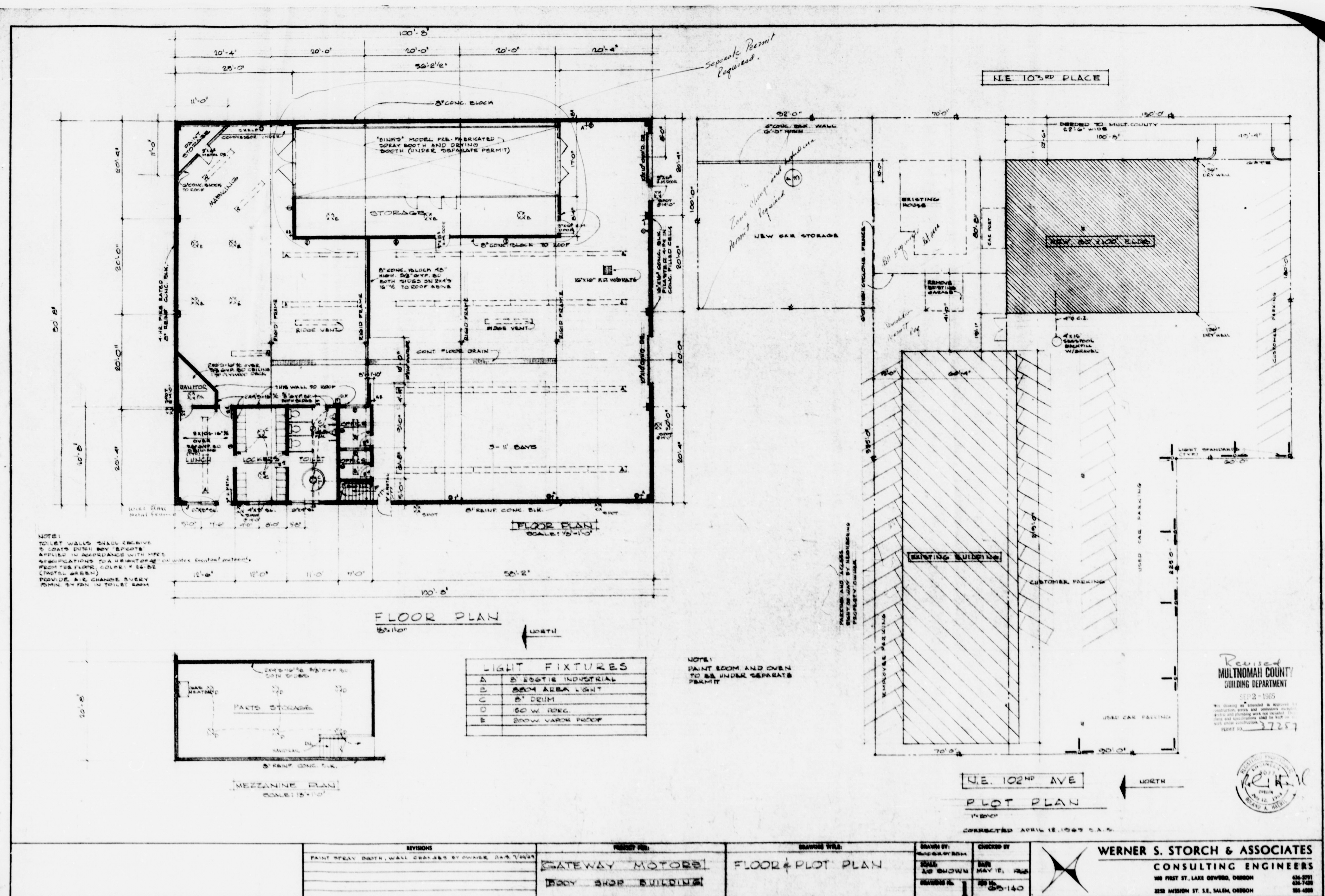


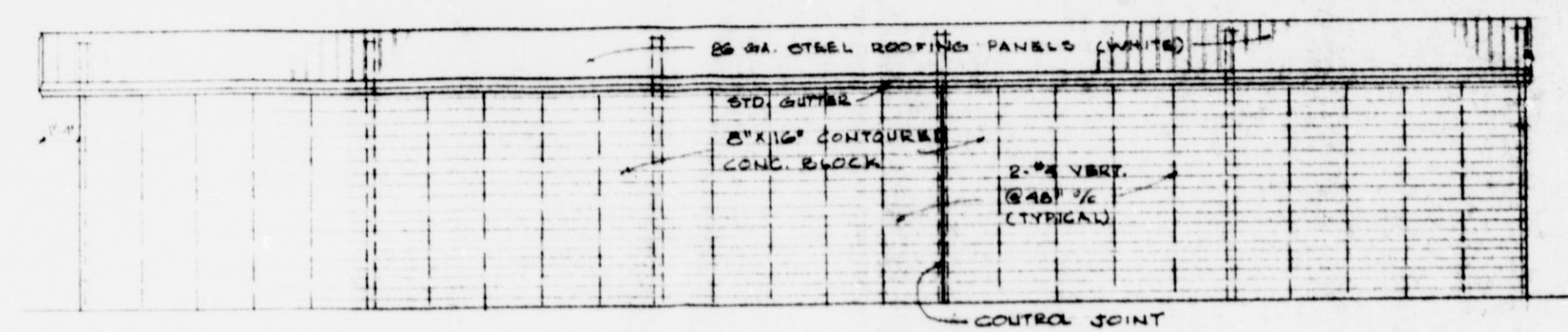
NOTE:
TOILET WALLS SHALL RECEIVE
A COAT OF WHITE PASTE
APPLIED IN ACCORDANCE WITH MPES
SPECIFICATIONS FOR A HENTHOFER COLLECTOR (EXCEPT MATERIALS
FROM THE FLOOR, COLOR: # 5635
(TYPICAL GREEN)
FLOOR: A/C CHANGE EVERY
FOURTH YEAR IN TOILET ROOM

LIGHT FIXTURES	
A	2' x 4' INDUSTRIAL
B	2' x 4' AREA LIGHT
C	6" DEEM
D	60 W. REC.
E	200 W. VARIOUS PROOF

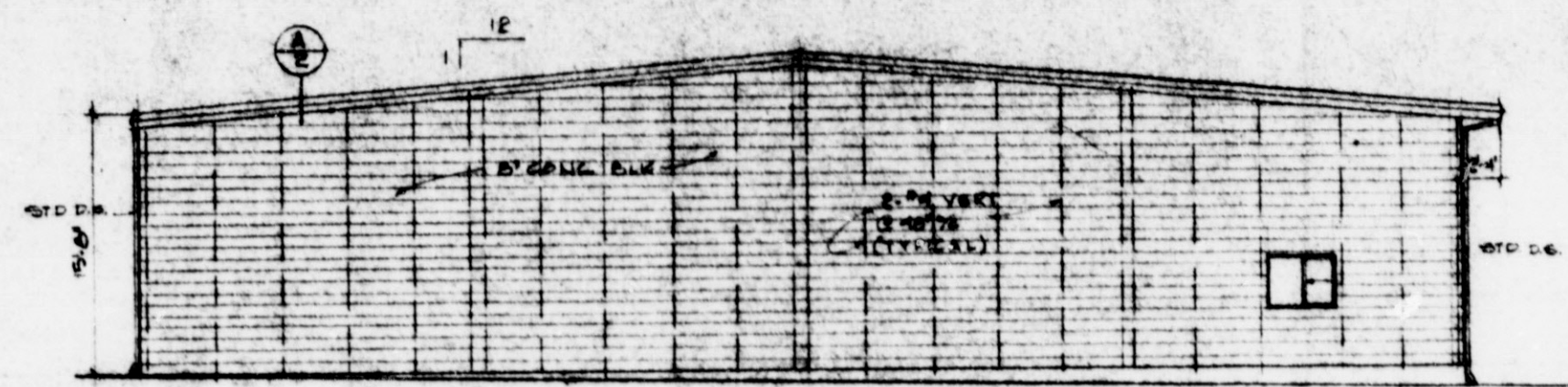
NOTE:
PAINT ROOM AND OVEN
TO BE UNDER SEPARATE
PERMIT

PART OF ABOVE PLAN NOT LEGIBLE
WHEN RECEIVED FOR MICROFILMING

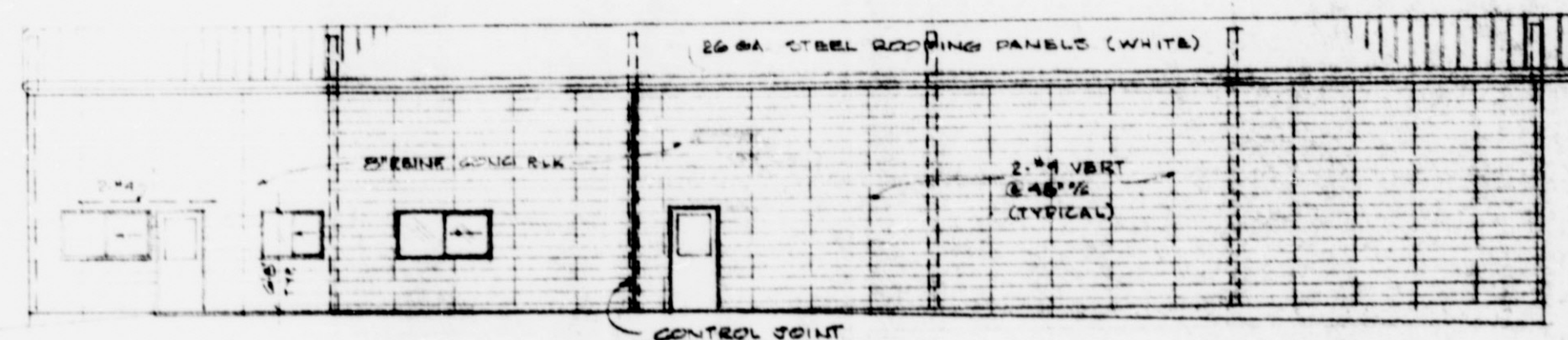




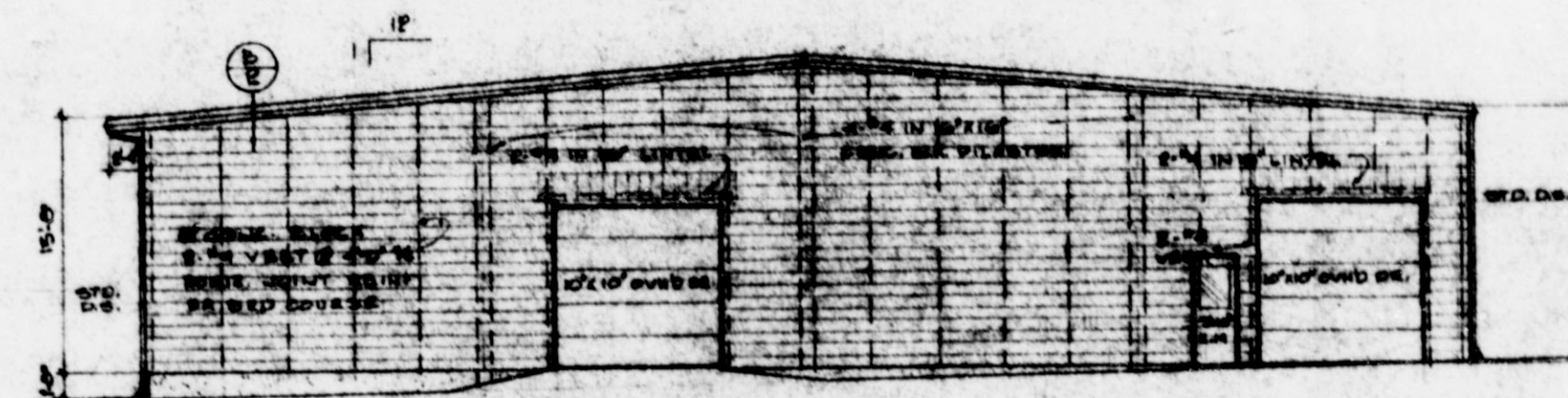
EAST ELEV.



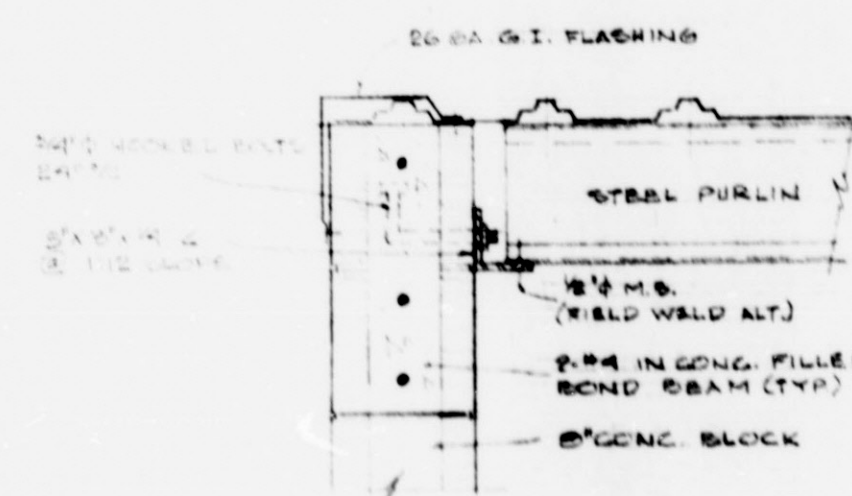
NORTH ELEV.



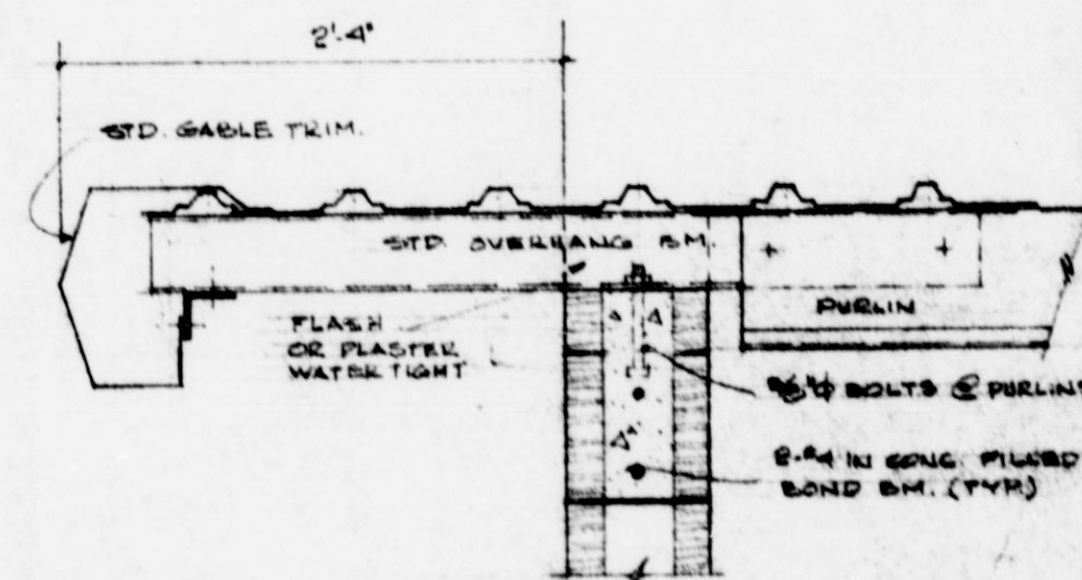
WEST ELEV.



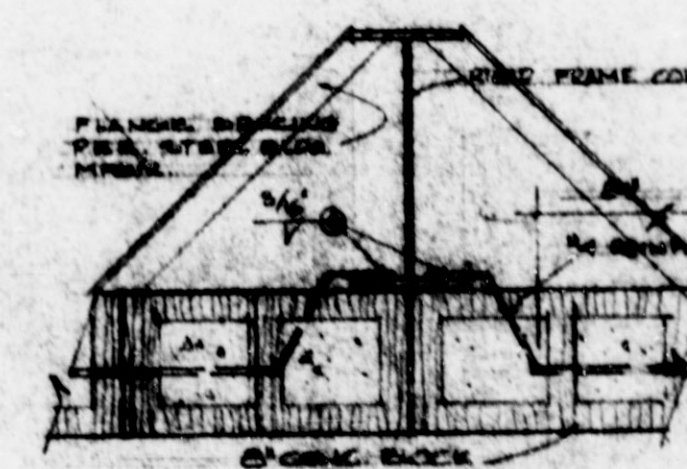
SOUTH ELEV.



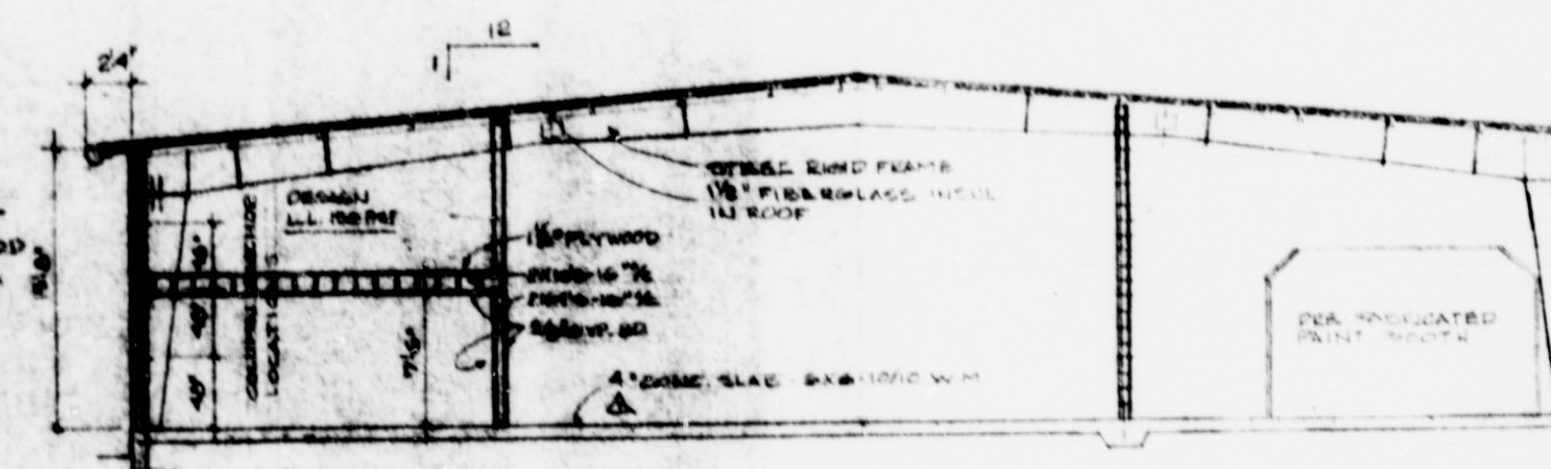
A GABLE DET.



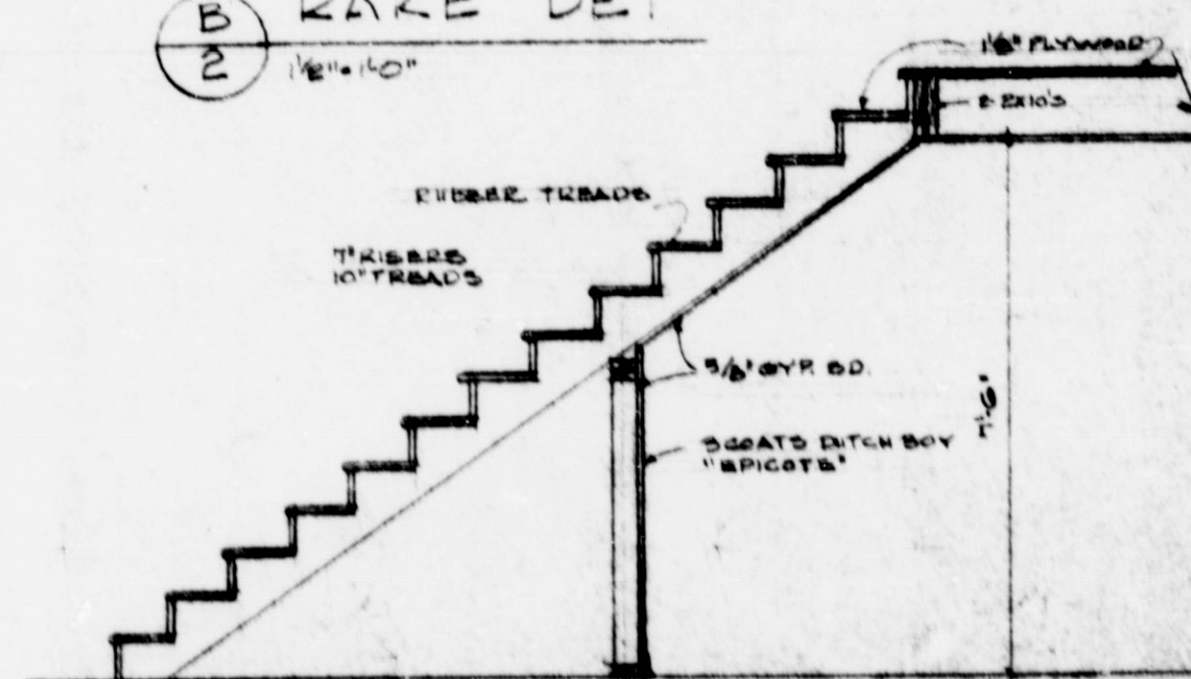
B RAKE DET.



C COLUMN ANCHOR



D CROSS SECTION



SECTION THRU STAIRS

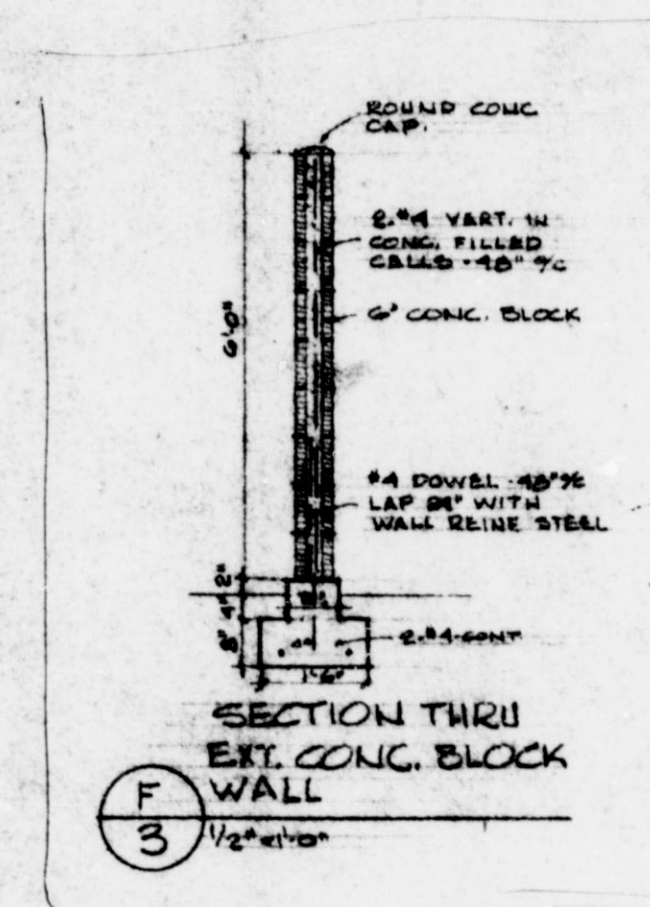
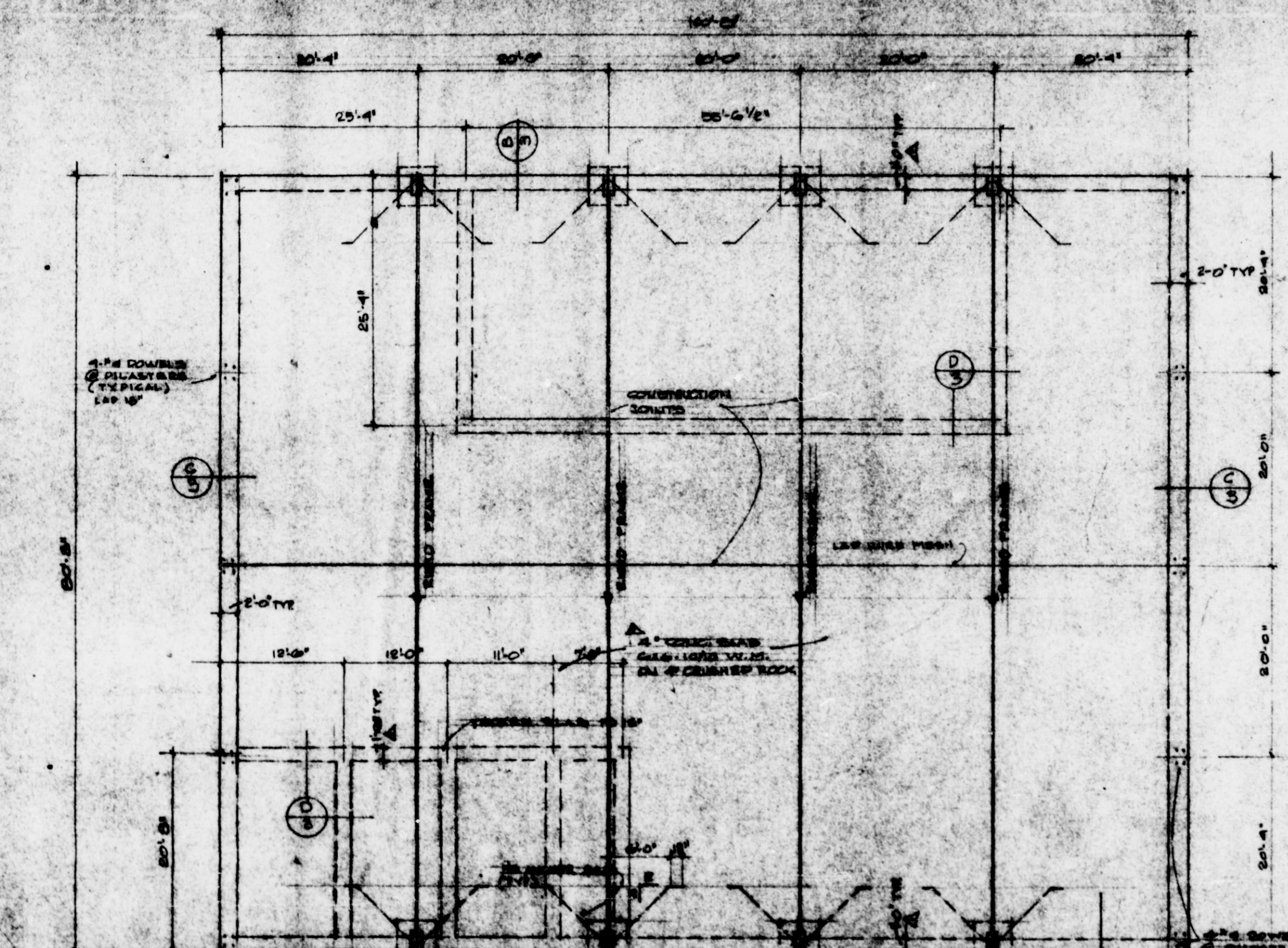
HAULTMAN COUNTY
BUILDING DEPARTMENT

1972-1980
ALL DRAWINGS ARE SUBJECT TO
REVISIONS AND SHOULD BE
CHECKED AGAINST THE
LATEST EDITIONS OF THE
LOCAL ORDINANCES.
DATE 12-12-80

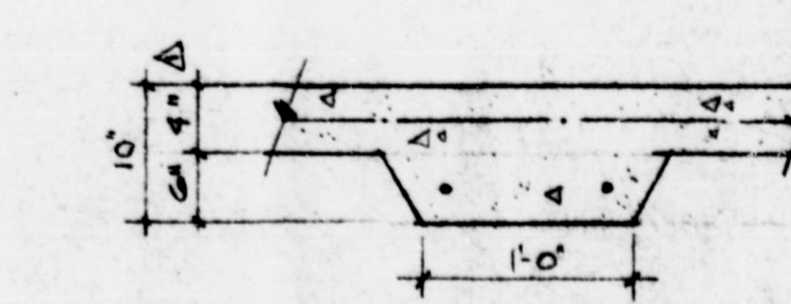
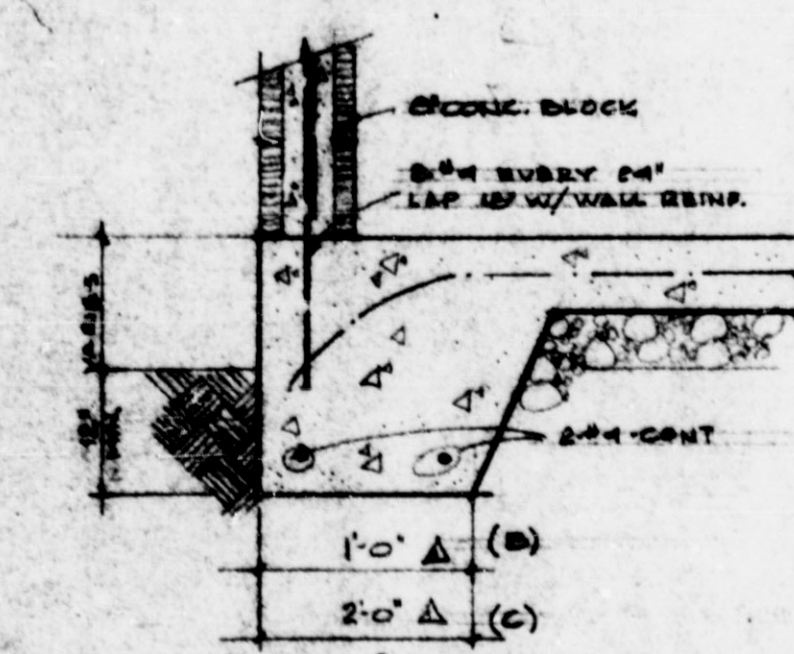
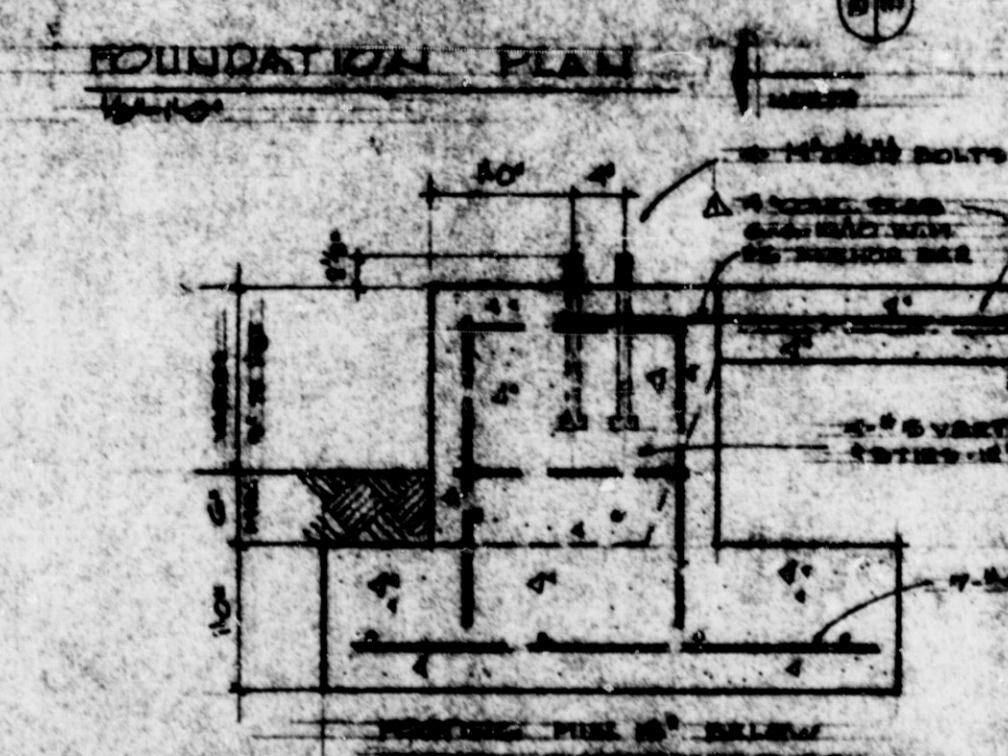
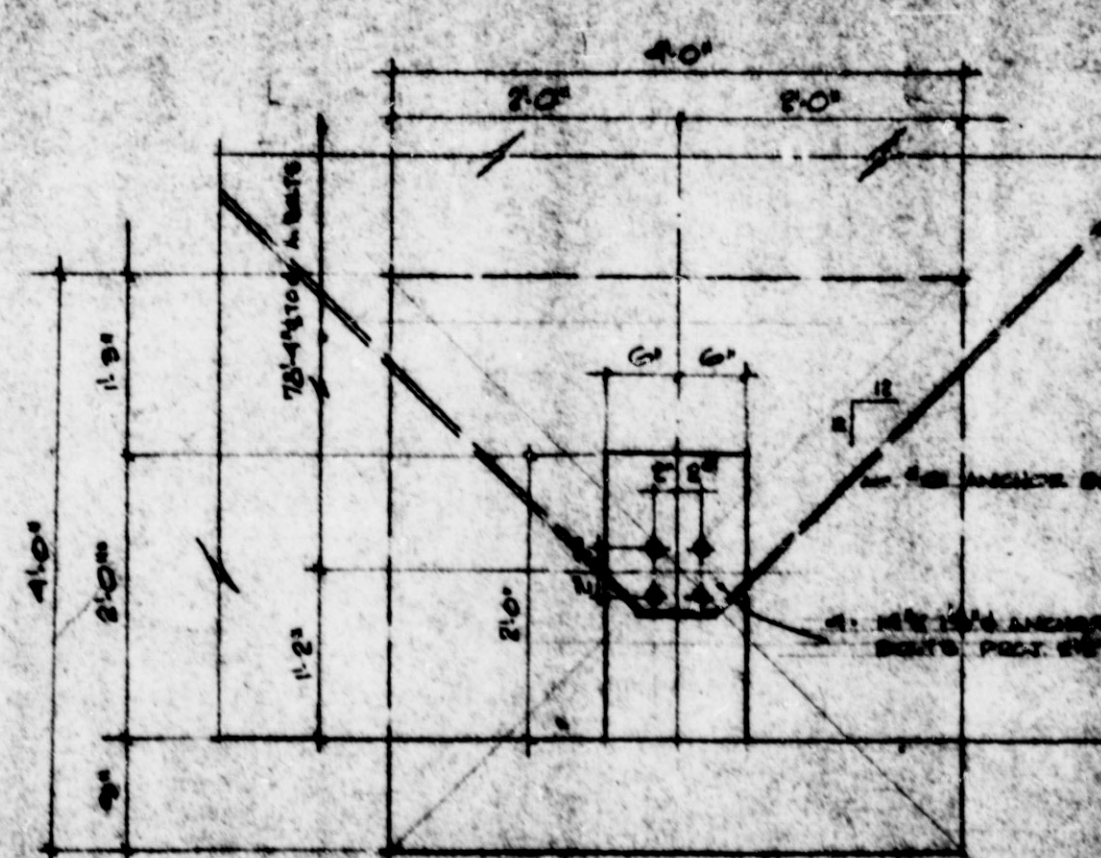


SCALE SECTION - PAINT BATH 1/8" = 1'-0"	GATEWAY MOTORS BODY SHOP BUILDING	ELEVATIONS DETAILS	DRAWN BY W.S. STORCH DATE MAY 12, 1988 CHECKED BY W.S. STORCH DATE MAY 12, 1988	WERNER S. STORCH & ASSOCIATES CONSULTING ENGINEERS 340 FIRST ST., LAKE OSWEGO, OREGON 97031 503-235-1234 1233 MISSION ST. SE, SALEM, OREGON 97302 503-325-1300
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PART OF ABOVE PLAN NOT LEGIBLE
WHEN RECEIVED FOR MICROFILMING



NOTES:
 CONCRETE SHALL BE 2500 P.S.I. & 28 DAYS.
 REINFORCING STEEL SHALL BE HARD OR INTERMEDIATE GRADE DEFORMED BARS.
 MESH SHALL BE COLD DRAWN WELDED WIRE FABRIC.
 FOOTINGS DESIGNED FOR 2500 P.S.I. SOIL BEARING. ENGINEER HAS NOT
 INSPECTED SUBSURFACE SOIL CONDITIONS. SHOULD UNUSUAL CONDITIONS
 ARISE HE IS TO BE NOTIFIED PRIOR TO PLACING CONCRETE.
 ANCHOR BOLTS SHALL BE SET BY MEANS OF A TEMPLATE.



PLAN
 RIGID FRAME FOOTINGS

SECTION
 SLAB EDGE

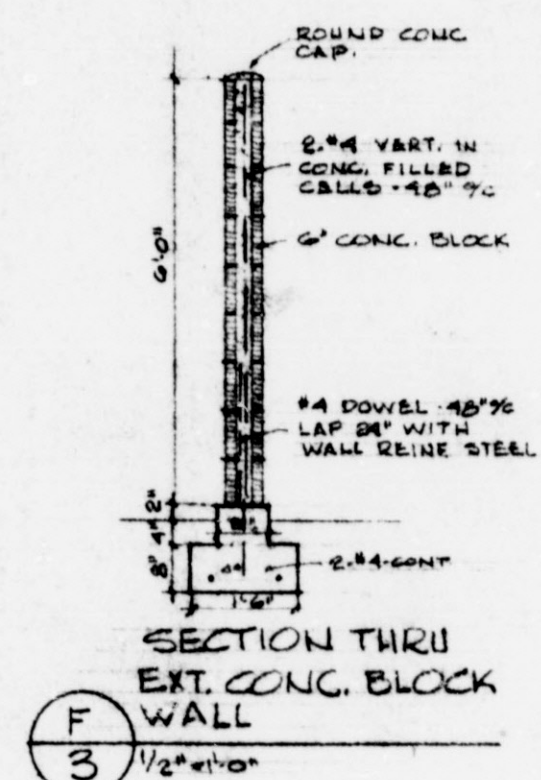
LOAD BEARING
 PARTITION FOOTING

MULTNOMAH COUNTY
 BUILDING DEPARTMENT
 SEP 2 - 1965
 37257



DESIGNED BY WERNER S. STORCH & ASSOCIATES	PROJECT NO. GATEWAY MOTORS BODY SHOP BUILDING	FOUNDED BY WERNER S. STORCH & ASSOCIATES	DATE SEP 15, 1965
CHECKED BY WERNER S. STORCH & ASSOCIATES	SCALE AS SHOWN	NO. OF SETS 3	NO. OF SETS 140

PART OF ABOVE PLAN NOT LEGIBLE
 WHEN RECEIVED FOR MICROFILMING



NOTES:

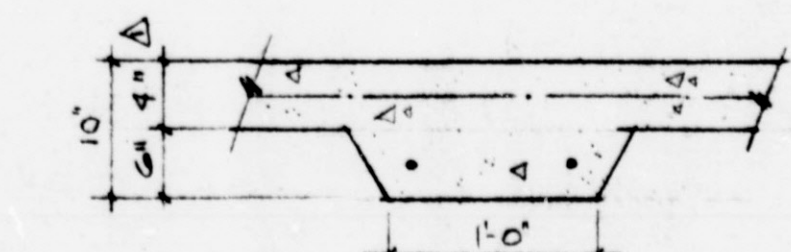
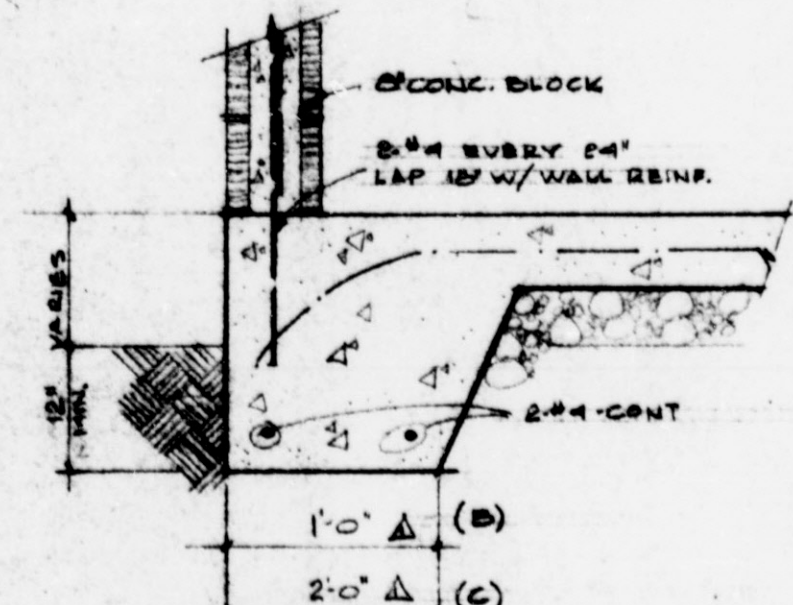
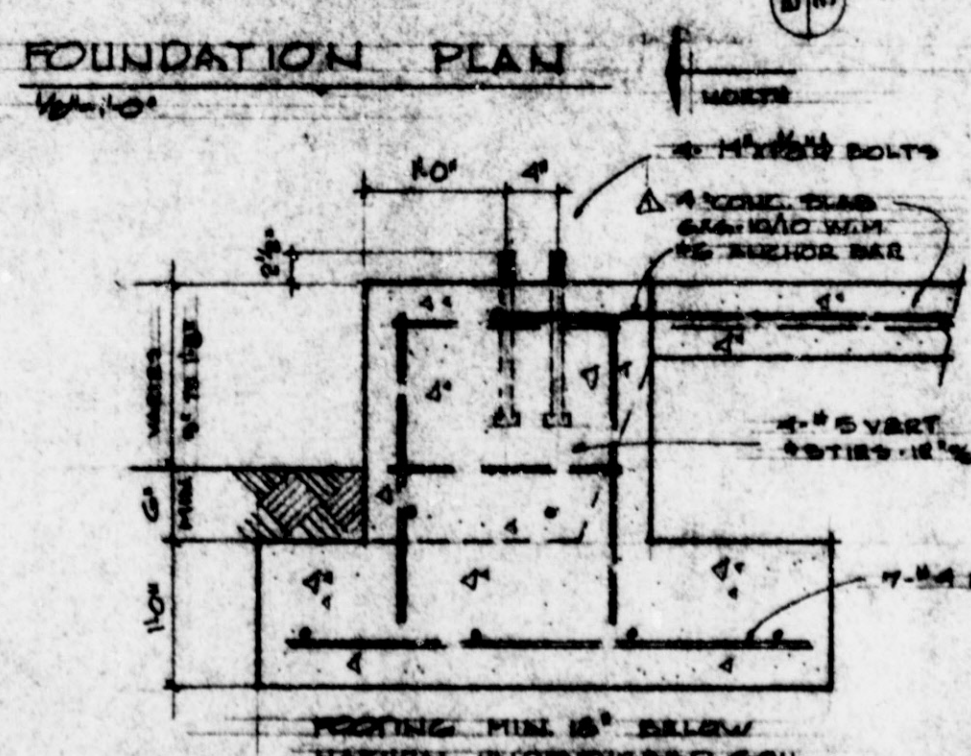
CONCRETE SHALL BE 2500 P.S.I. @ 28 DAYS.

REINFORCING STEEL SHALL BE #4 OR INTERMEDIATE GRADE DEFORMED BARS.

MESH SHALL BE COLD DRAWN WELDED WIRE FABRIC.

POSTINGS DESIGNED FOR 20000 P.S.I. SOIL BEARING. ENGINEER HAS NOT INSPECTED SUBSURFACE SOIL CONDITIONS. SHOULD UNUSUAL CONDITIONS ARISE HE IS TO BE NOTIFIED PRIOR TO PLACING CONCRETE.


ANCHOR BOLTS SHALL BE SET BY MEANS OF A TEMPLATE.



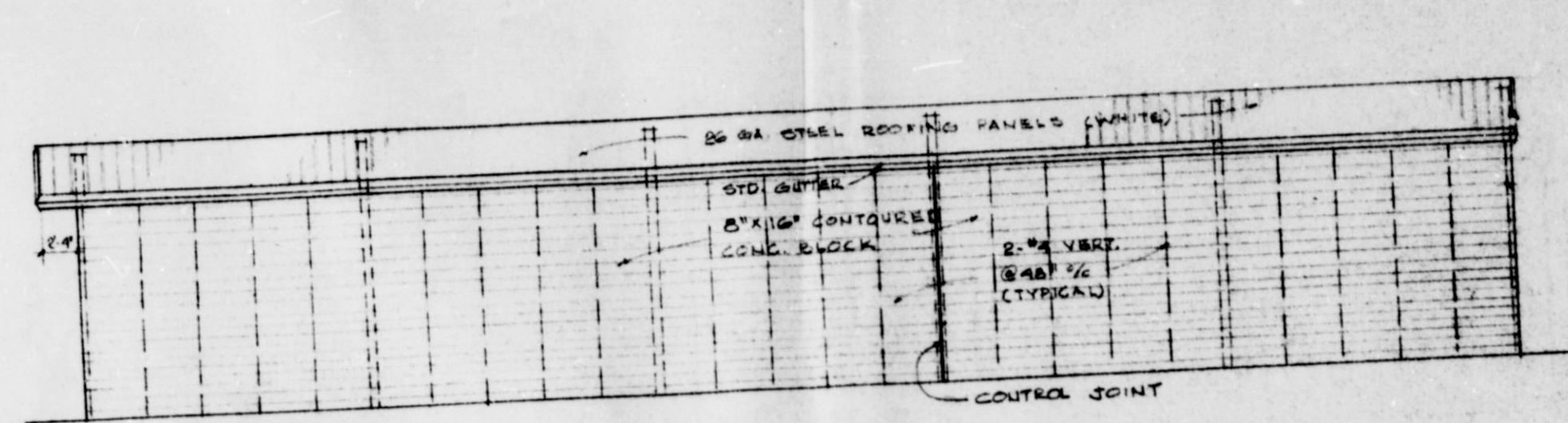
LOAD BEARING
PARTITION FOOTING

MULTNOMAH COUNTY
BUILDING DEPARTMENT
SEP 2 - 1965
This drawing as amended is approved for construction errors and omissions excepted. Electric and plumbing work not included. Plans and specifications shall be kept on the work while construction.
PERMIT NO. 37257

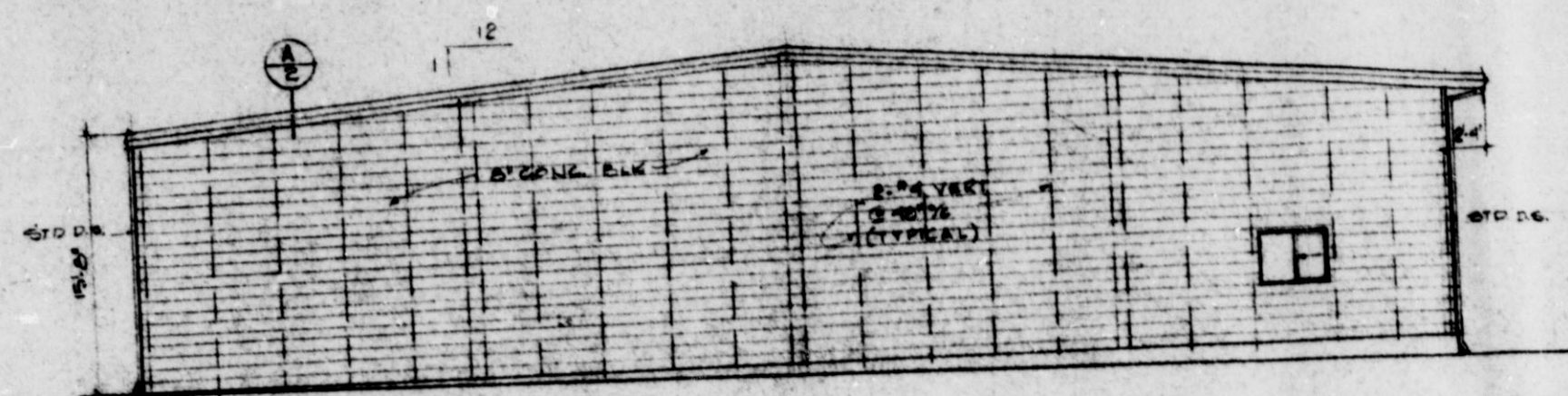


REVISIONS FOOTING & QUESTION 3 THICKEN SLAB & PAINT BOTTOM 8-3-65 REVISE FOOTING & SLAB DIM'S	DRAWING NO. GATEWAY MOTORS BODY SHOP BUILDING	DRAWING TITLE FOUNDATION PLAN	DRAWN BY: SUPERSECTECH DATE: AUG. THIRDM 1964 CHECKED BY: DATE: MAY 12, 1964 REVISIONS: 1. 8-3-65 2. 8-3-65	 WERNER S. STORCH & ASSOCIATES CONSULTING ENGINEERS 500 WEST 7 TH LANE, OMAHA, IOWA 2201 UNIVERSITY BL., SALT LAKE, UTAH
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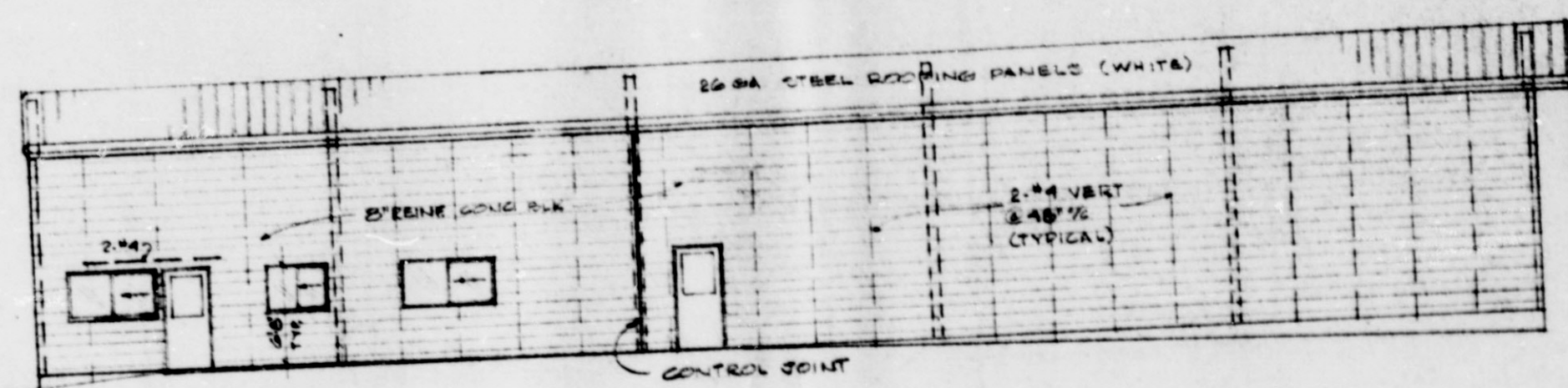
PART OF ABOVE PLAN NOT LEGIBLE
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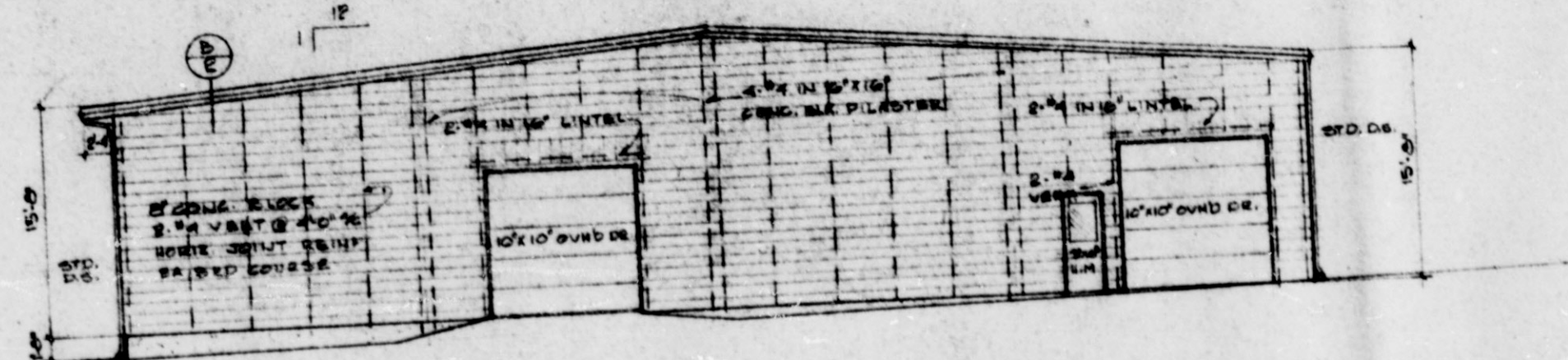
EAST ELEV.
15'-10"



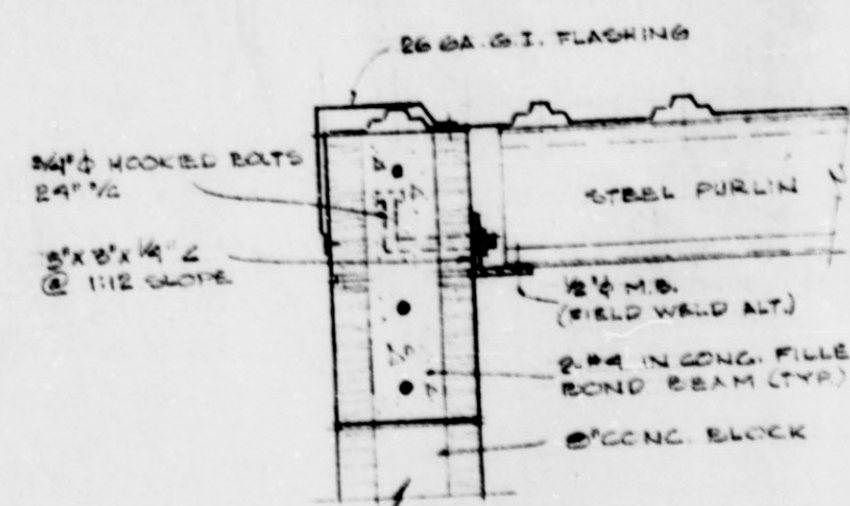
NORTH ELEV.
10'-10"



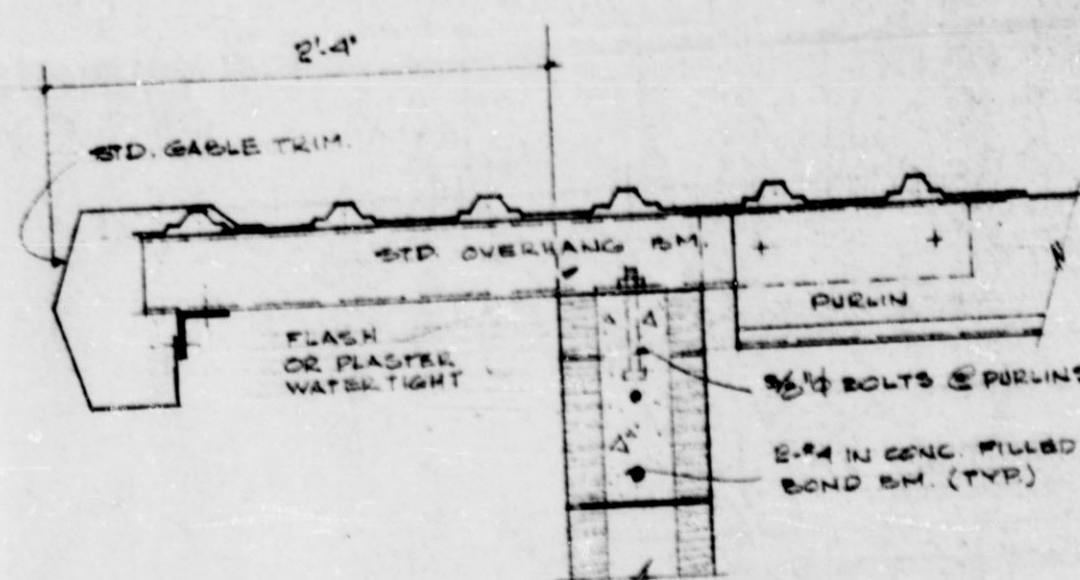
WEST ELEV.
10'-10"



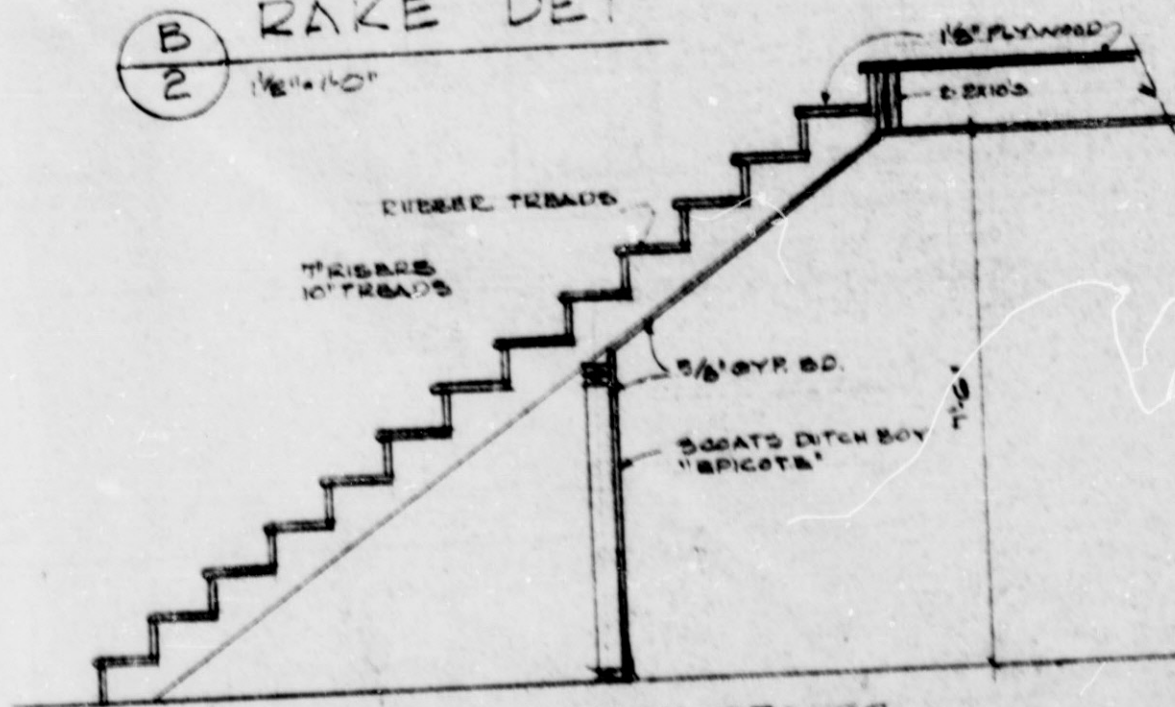
SOUTH ELEV.
10'-10"



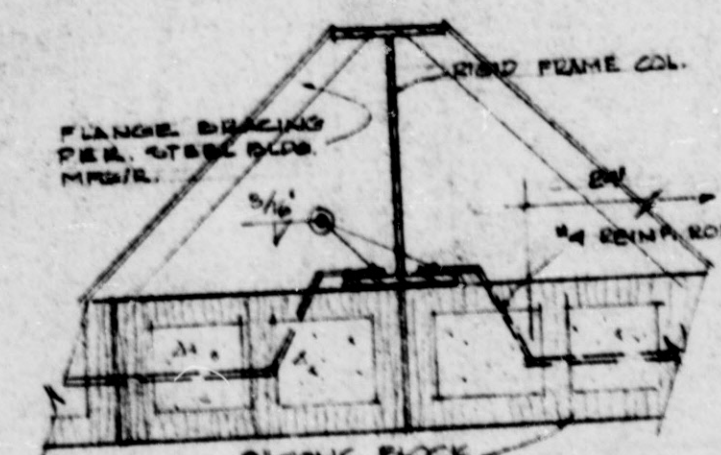
A/2 GABLE DET.
1/2" = 1'-0"



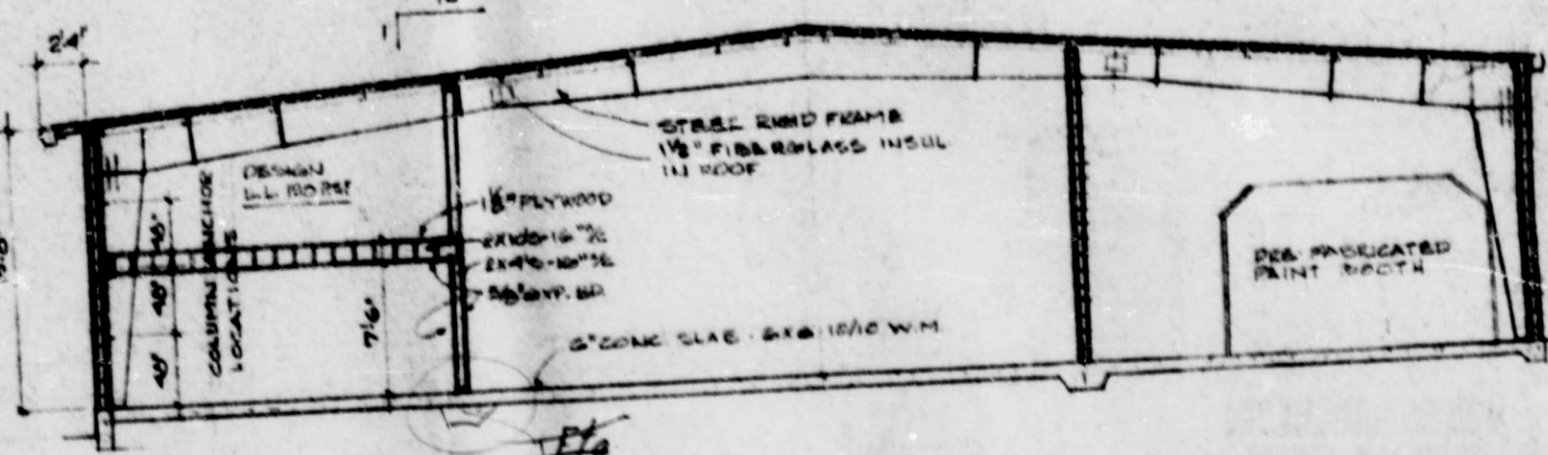
B/2 RAKE DET.
1/2" = 1'-0"



SECTION THRU STAIRS



C/2 COLUMN ANCHOR
1/2" = 1'-0"



D/2 CROSS SECTION
1/2" = 1'-0"

MULTNOMAH COUNTY
BUILDING DEPARTMENT
JUL 20 1985
27237



REVISION	DATE	BY	APP
1	10/1/84	WSS	
2	10/1/84	WSS	

PROJECT: GATEWAY MOTORS
BODY SHOP BUILDING

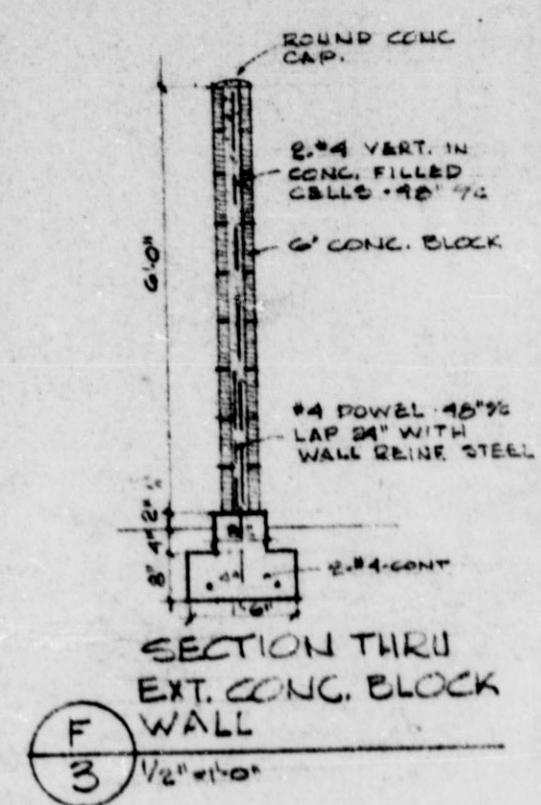
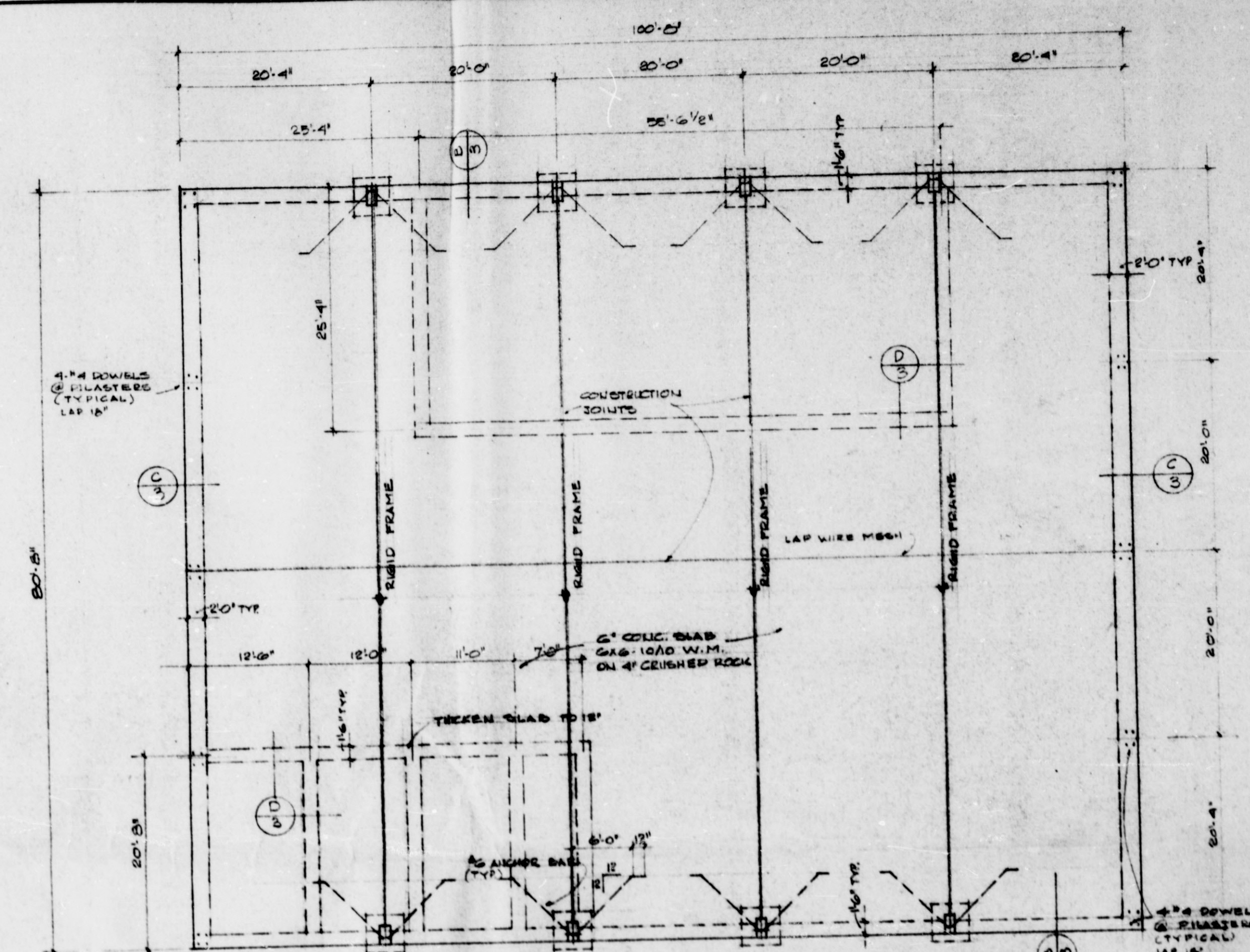
DRAWING TITLE: ELEVATIONS
DETAILS

DATE	BY	CHKD BY
10/1/84	WSS	WSS

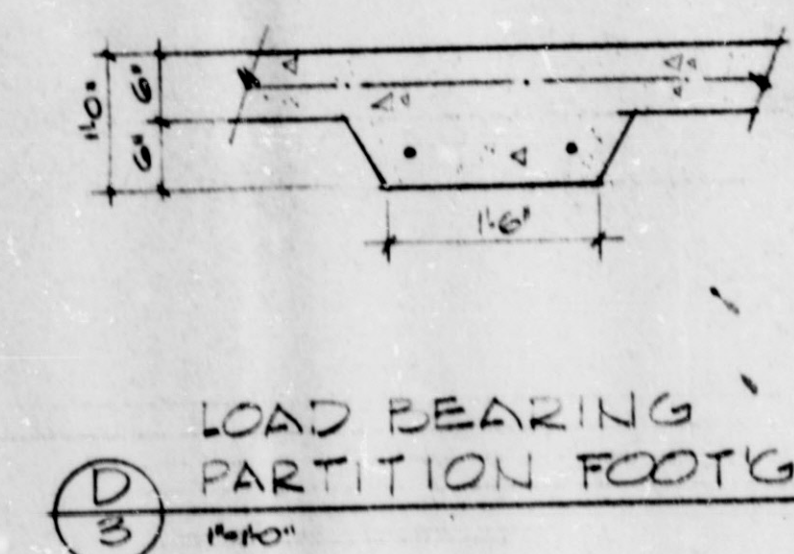
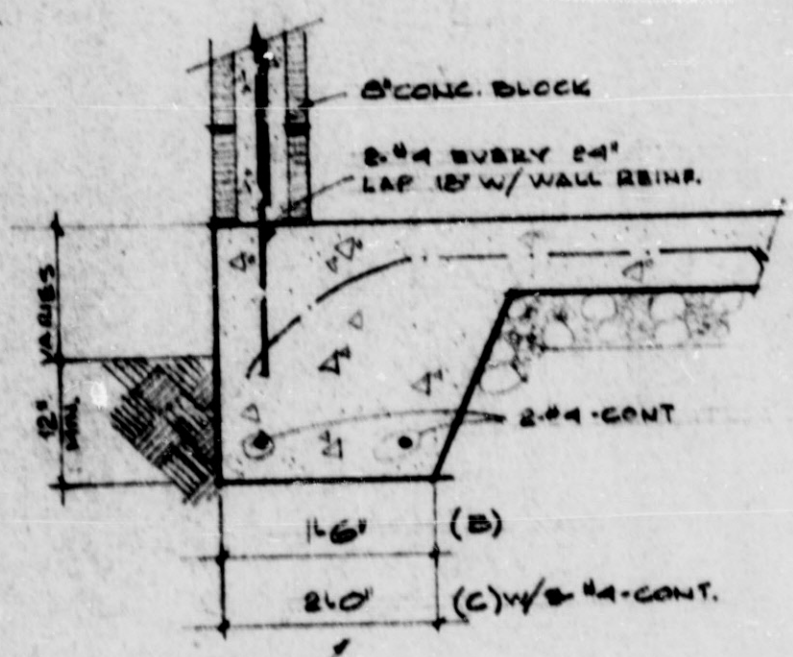
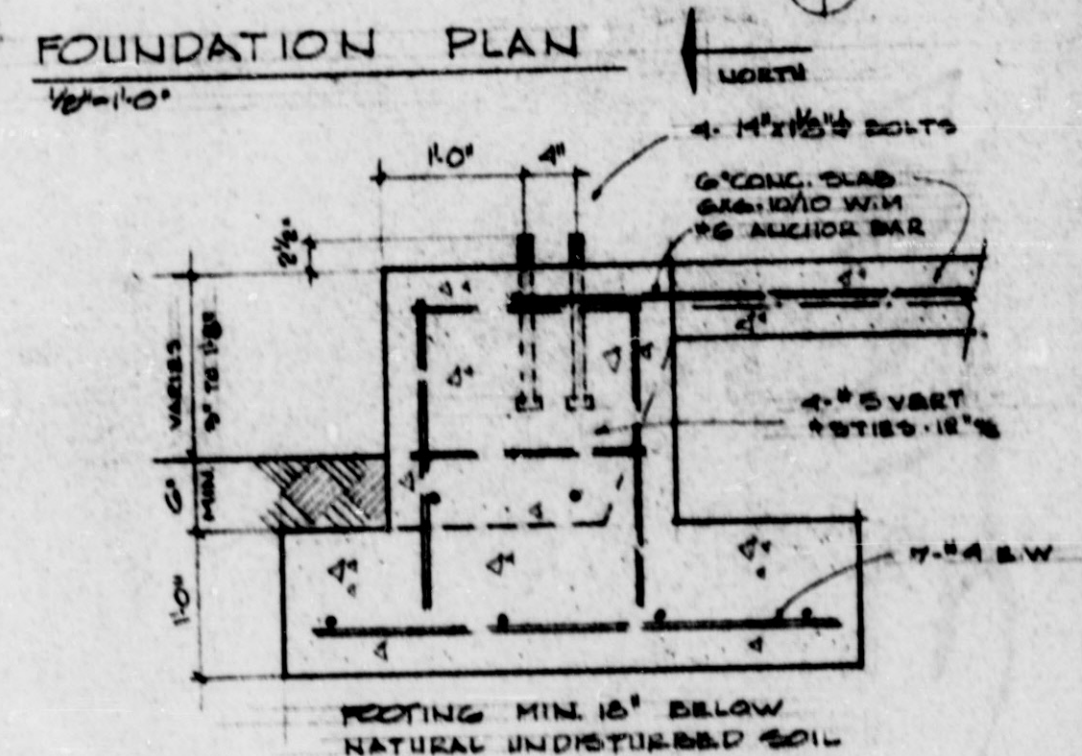
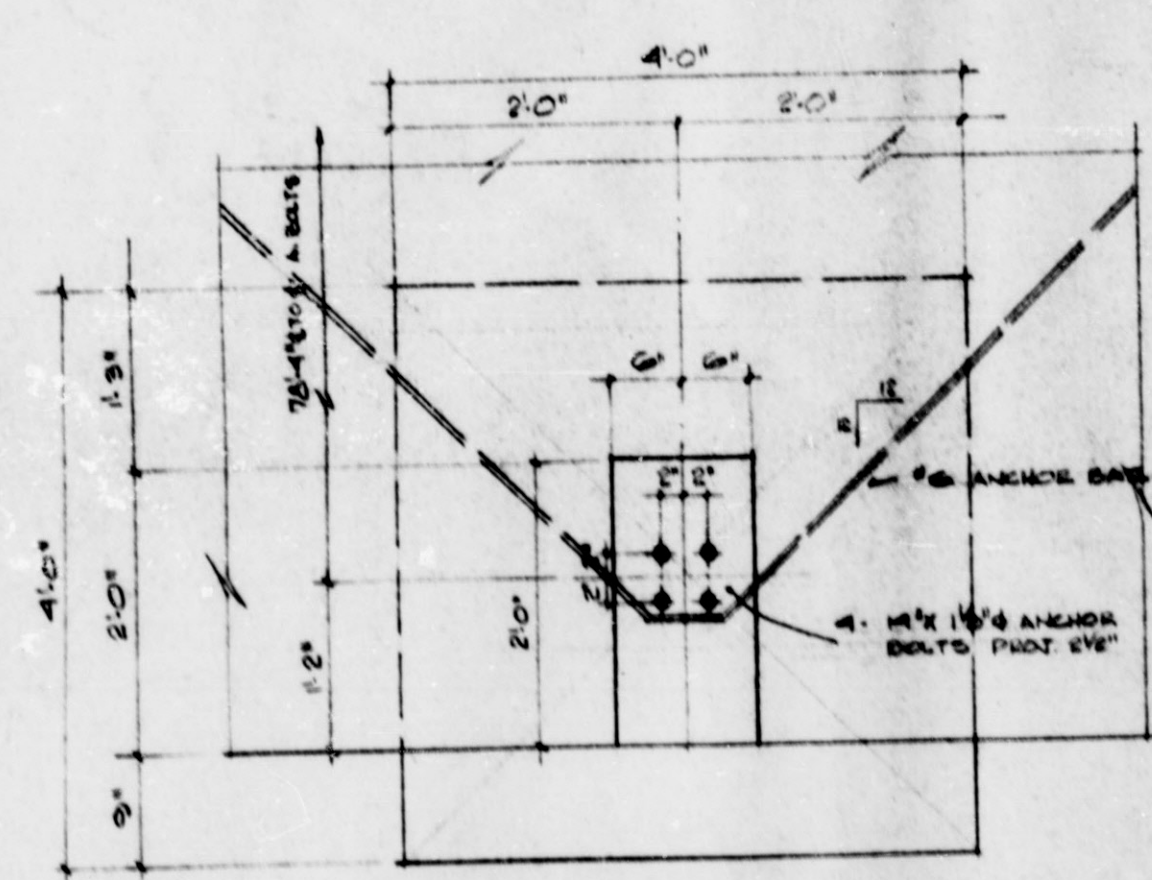


WERNER S. STORCH & ASSOCIATES
CONSULTING ENGINEERS
200 FIRST ST., LAKE OSWEGO, OREGON 97031
503-261-1111

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WHEN RECEIVED FOR MICROFILMING



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PLAN
 RIGID FRAME FOOTINGS
 10'-0"

SECTION
 SLAB EDGE
 10'-0"

MULTNOMAH COUNTY
 BUILDING DEPARTMENT
 JUL 29 1985
 37257



REVISIONS	PROJECT	DRAWING TITLE	DRAWN BY	CHECKED BY	DATE
FOOTING & SECTION 1 7/29/85 D.S.	GATEWAY MOTORS	FOUNDATION PLAN	W.S. STORCH	W.S. STORCH	MAY 12, 1985
THICKEN SLAB 3 PRINT BOTS	BODY SHOP BUILDING				

PART OF ABOVE PLAN NOT LEGIBLE
 WHEN RECEIVED FOR MICROFILMING