

MAINE YACHT CENTER

P O R T L A N D M A I N E

Construction Type Certification
for
Maine Yacht Center
Boat Storage, Office and Tenant Space
100 Kensington Street
Portland, Maine

This project is designed to meet the 2000 National Fire Protection Association Standards for construction type as identified herein. All fire rated areas shall conform to the 17 Edition, GA -600-2003 Gypsum Association Fire Resistance Design Manual standards for the applicable structural element. The structures are designed per the 1998 Edition -- BOCA National Building Code.

This project is comprised of 3 use groups as follows:

Unit #1 Boat Storage Building = BOCA Use Group S-1 (storage); NFPA = 5 (storage)
Unit #2 Business, BOCA Use Group B; NFPA = 0 (office & sales areas)
Unit #3 Retail tenant space (retail sales) = BOCA Use Group M (mercantile); NFPA = M (mercantile)

BOCA allows this project to be non-separated use group BOCA 313.1.1, but is overridden by NFPA requiring separated use group BOCA 313.1.2.

Type 2B construction, NFPA Type II (000). These buildings will be sprinkled in accordance with NFPA 13 and BOCA Section 906.2.1 (fire sprinkler requirements) pertaining to the above usages.

NFPA Fire Ratings and Gypsum Association Design Details for this Construction Type are as follows:

| Unit #1 Boat Storage Area | | |
|---|------------|---|
| NFPA Fire Rating | (In hours) | Gypsum Association File No. |
| Exterior Bearing Walls: | 0 | |
| Interior Fire Separation Walls between Hangar and Offices/Shop areas: | 1 Hour | WP -1072 and WP -1330 at 10' on either side of Unit 1 and Unit #2 |
| Columns: | 1 Hour | GM -1000 |
| Fire Rated Doors Hangar to/from Office and Shop areas | 45 minutes | |
| Beams, Girders, Trusses, and Arches: | 0 | |
| Floor Construction: | None | |
| Roof Construction: | 0 | |
| Exterior Nonbearing Walls: | 0 | |
| Stairwells: | 1 Hour | WP -1072 |
| Elevator Shaft(s): | None | |

Unit #2 Office and Sales Areas

| NFPA Fire Rating | (In hours) | Gypsum Association File No. |
|---|------------|--------------------------------|
| Exterior Bearing Walls: | 0 | |
| Interior Fire Separation Walls between Hangar and Offices/Shop areas: | 1 Hour | Common with Unit #1 = WP -1072 |
| Columns: | 1 Hour | GM -1000 |
| Fire Rated Doors Hangar to/from Office and Shop areas | 45 minutes | |
| Beams, Girders, Trusses, and Arches: | 0 | |
| Floor Construction: | 0 | |
| Roof Construction: | 0 | |
| Exterior Nonbearing Walls: | 0 | |
| Stairwells: | 1 Hour | WP -1072 |
| Elevator Shaft(s): | None | |

Unit #3 Tenant Sales Area

| NFPA Fire Rating | (In hours) | Gypsum Association File No. |
|---|------------|---|
| Exterior Bearing Walls: | 0 | |
| Beams, Girders, Trusses, and Arches: | 1 Hour | See Detail on Plans similar to BM -2120 |
| Floor Construction: | 1 Hour | Concrete Slabs |
| Roof Construction: | 0 | |
| Exterior Bearing Walls: | 0 | |
| Interior Fire Separation Walls between Hangar and Offices/Shop areas: | 1 Hour | Common with Unit #1 = WP -1072 |
| Columns: | 1 | GM -1000 Pending Tenant Occupancy |
| Fire Rated Doors Hangar to/from Office and Shop areas | 45 minutes | |
| Exterior Nonbearing Walls: | 0 | |
| Stairwells: | 1 Hour | WP -1072 |
| Elevator Shaft(s): | None | |

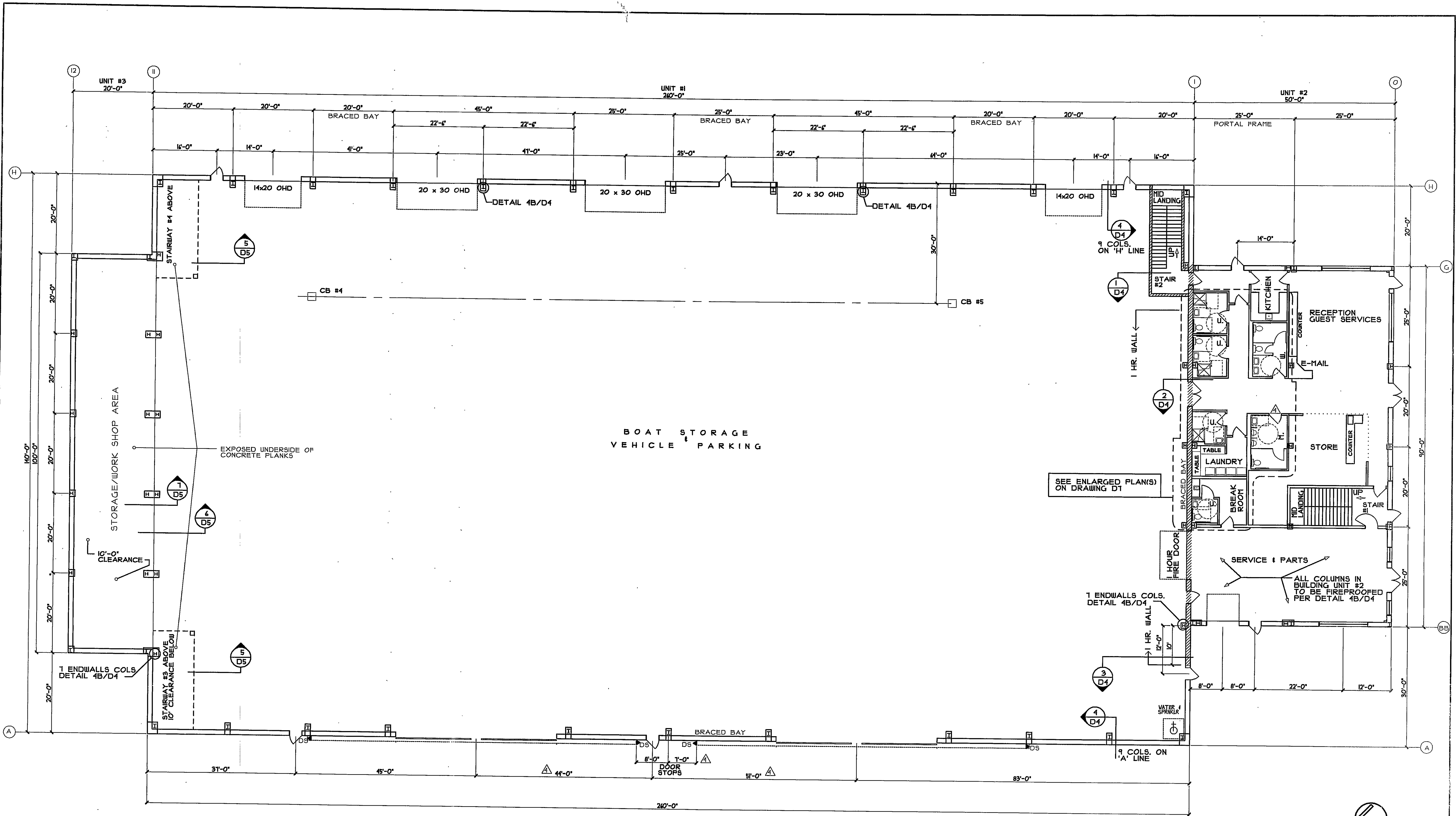


Step P. Drury
7-27-04

| | | | | | |
|--|--|------------------------------------|-----------------|-------------------------|-------------|
| DATE | | REVISION | EST. NO | Engineering Designs For | JOB NO. |
| 7-27-04 | | ISSUED FOR CONSTRUCTION AND PERMIT | SIZE | MAINE YACHT CENTER | 030017 |
| | | | TYPE | 100 KENSINGTON STREET | ENGINEERING |
| | | | DRAWN BY RP | PORTLAND, MAINE | DWG. NO. |
| | | | APPROVED BY DCS | | COV |
| | | | SCALE none | COVER SHEET | OF |
| | | | DATE 6-3-04 | | |
| DataCAD® FILE NAME: 030017COVG.TV. NAME: | | | | | |



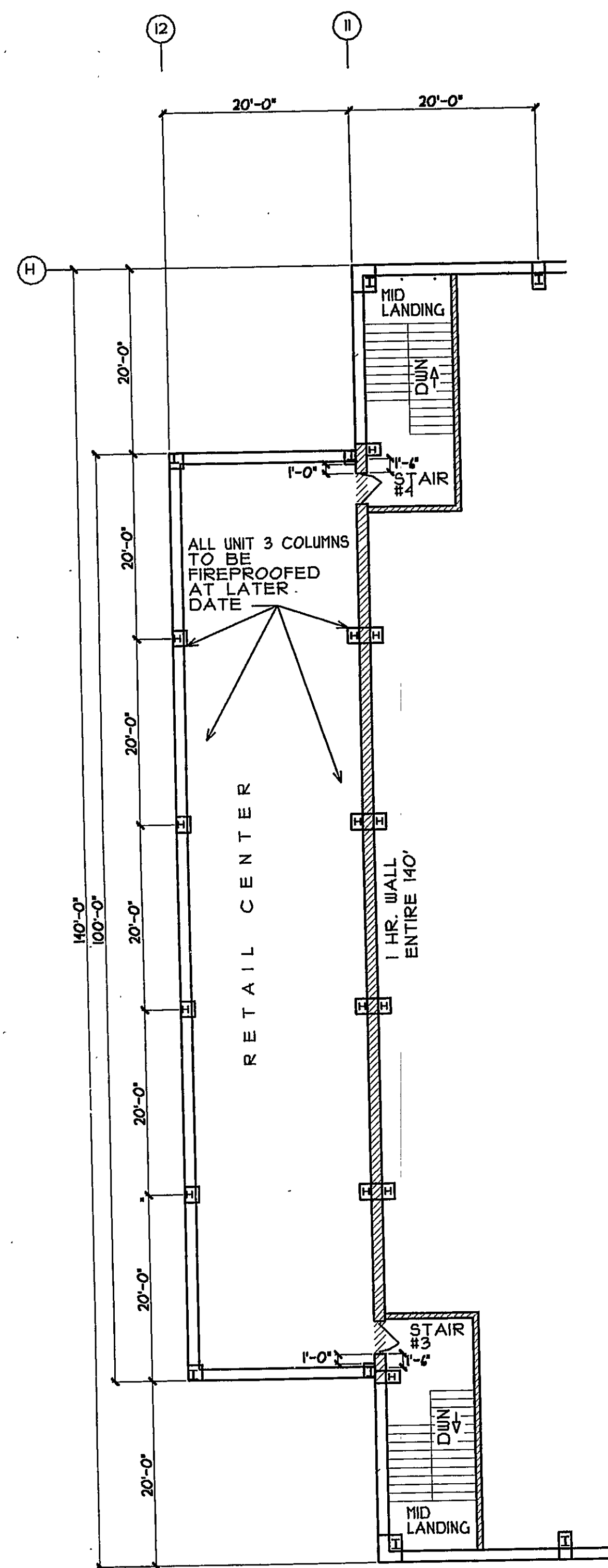
FAIRFIELD
PORTLAND
MAINE



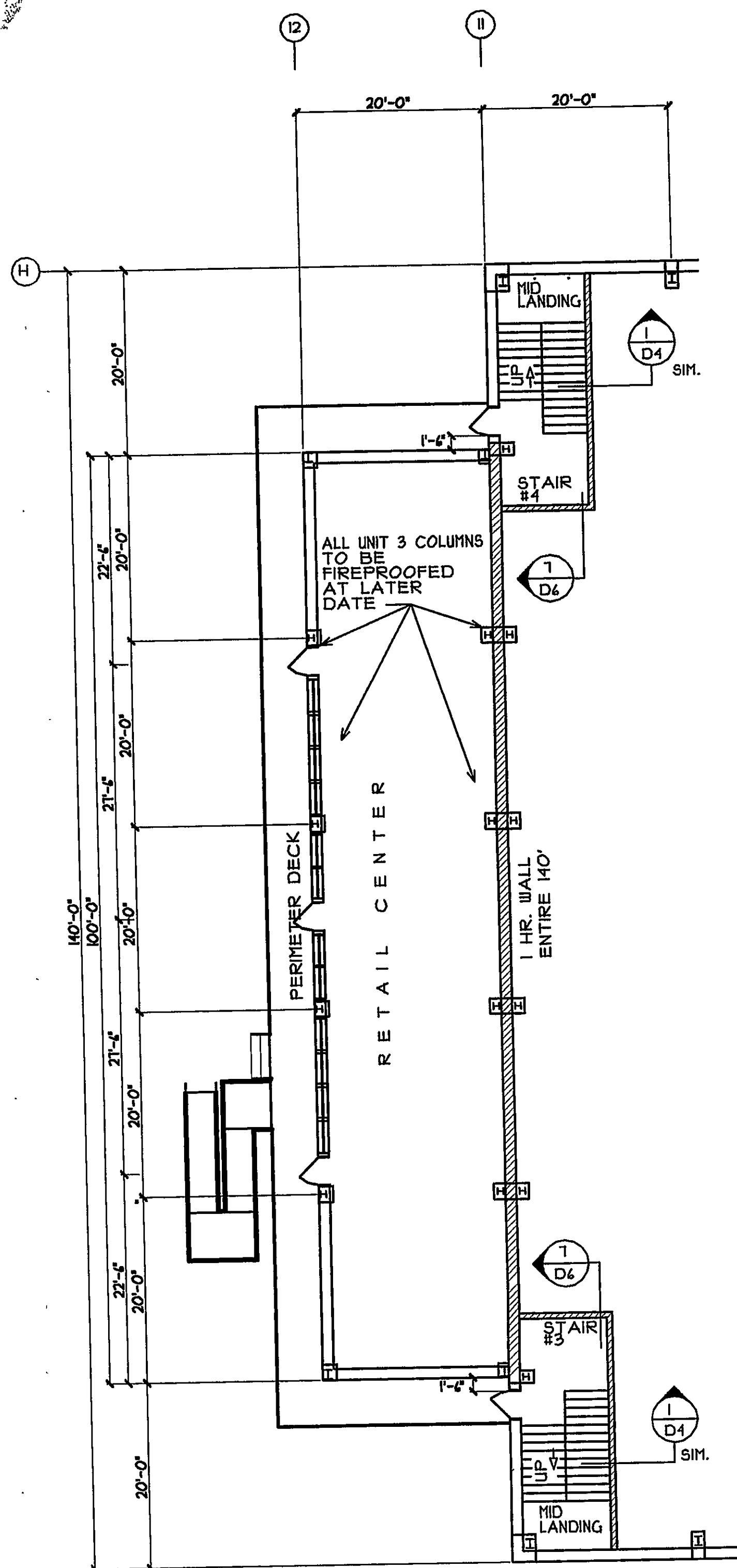
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| DATE | REVISION | EST. NO | 83-106 |
|--------------------------------------|---|--|---------------|
| 1/20/04 | INCREASE RH SIZE & GEN. REV. ISSUED FOR PERMIT & CONSTRUCTION | DRAWN BY | RS/RP |
| 6/25/04 | REVISE OFFICE SERVICE/STORE LAYOUT (version 9) | APPROVED BY | SPD |
| 6/21/04 | REVISED OHD LOCATIONS, STAIR #2, #3, & #4 | SCALE | 3/32" = 1'-0" |
| 4-1-04 | REV'D. FOR CONTRACT | DATE | 12/22/03 |
| DataCAD FILE NAME: G.T.V. NAME: PLAN | | Engineering Designs For MAINE YACHT CENTER 100 KENSINGTON STREET PORTLAND, MAINE | |
| | | JOB NO. 030017 ENGINEERING DWG. NO. DI OF | |
| | | Sheridan FAIRFIELD PORTLAND MAINE | |
| | | DESIGN BUILDER | |

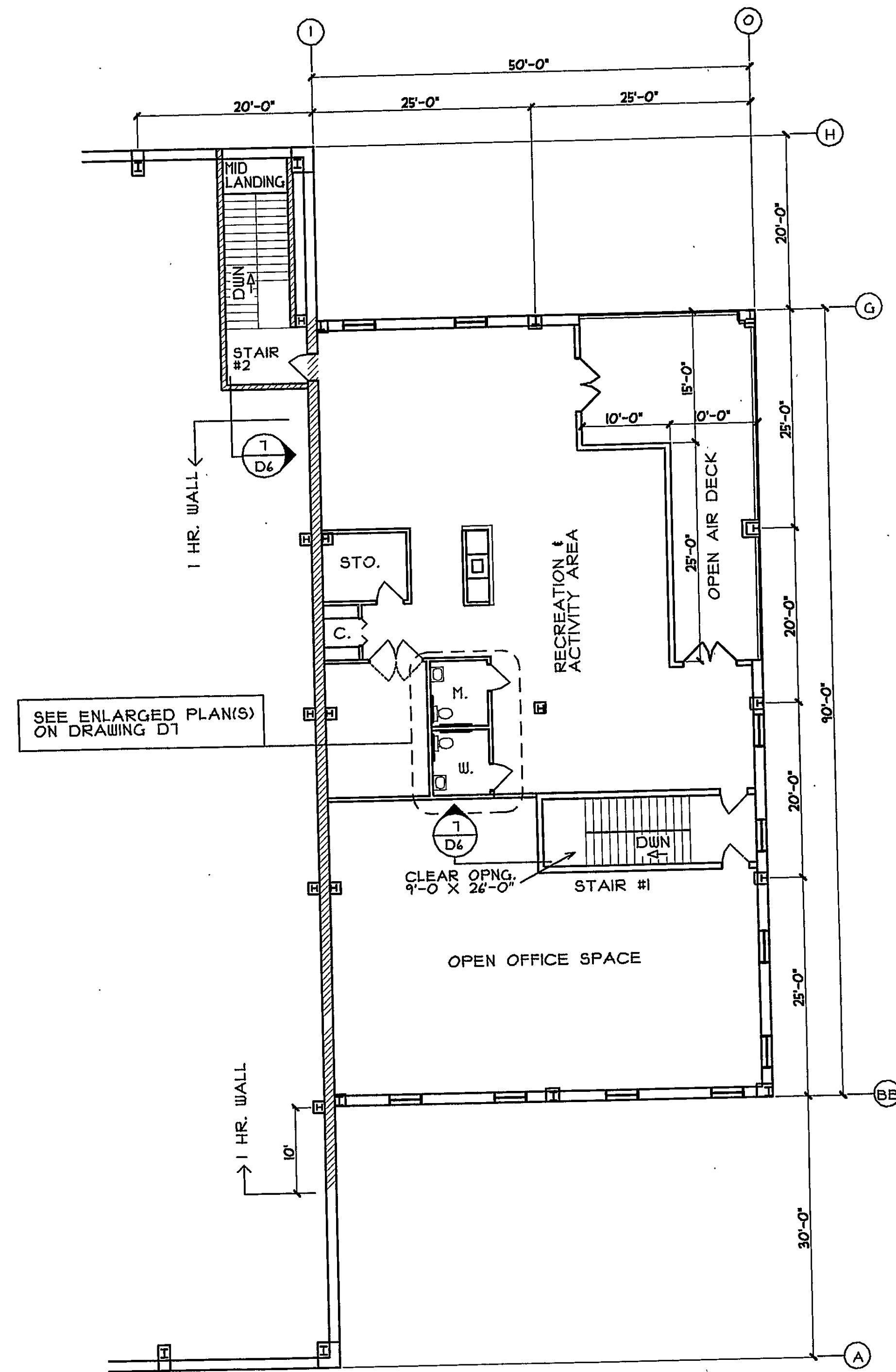




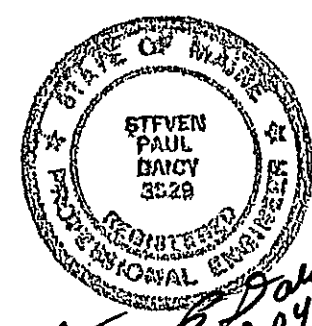
THIRD FLOOR RETAIL BUILDING



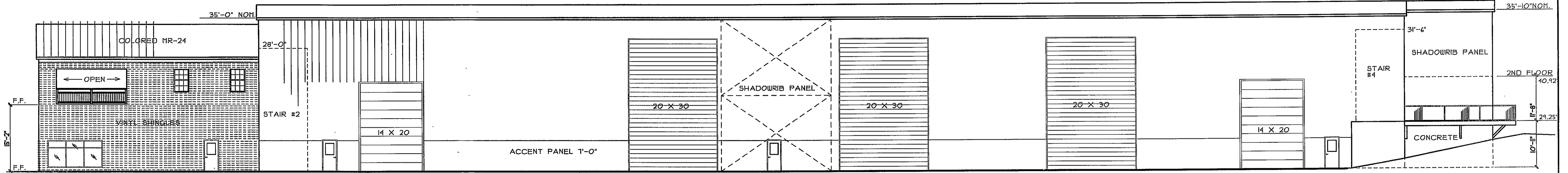
SECOND FLOOR RETAIL BUILDING



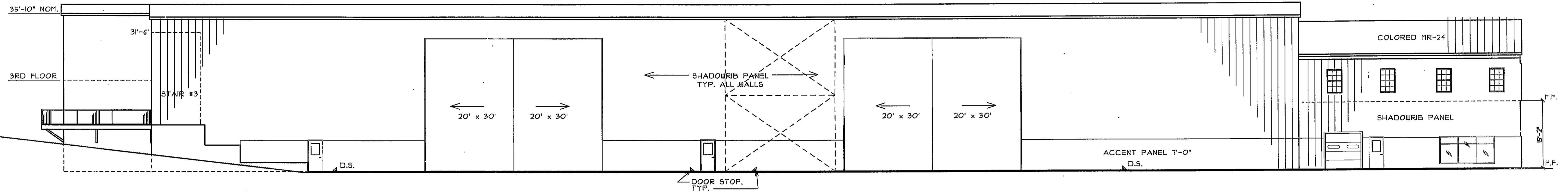
SECOND FLOOR OFFICE / SERVICE BUILDING



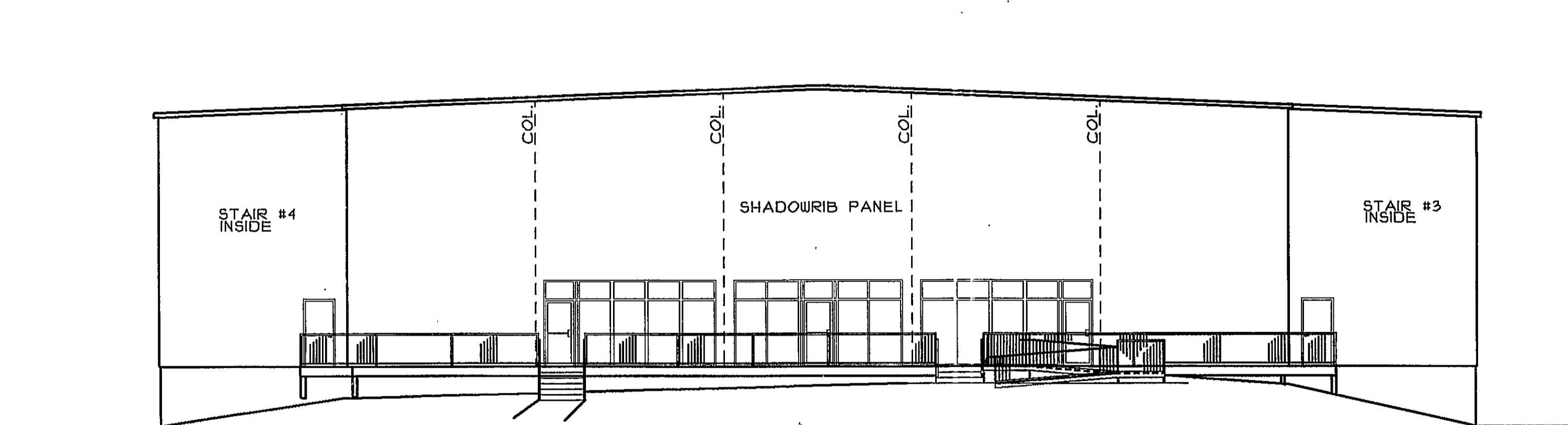
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| <p>DATE</p> | <p>REVISION</p> | <p>EST. NO 83406</p> | <p>SECOND FLOOR PLAN - OFFICE 2ND & 3RD FLOOR PLAN - RETAIL</p> <p>DESIGN BUILDER</p> | | |
| | | <p>SIZE</p> | | | |
| | | <p>TYPE</p> | | | |
| <p>1/26/04</p> | <p>ISSUED FOR PERMIT AND CONSTRUCTION</p> | <p>DRAWN BY RP/RS</p> | | | |
| <p>1/27/04</p> | <p>GENERAL REVISIONS</p> | <p>APPROVED BY SPD</p> | | | |
| <p>6/22/04</p> | <p>MINOR UPDATES & MOVE STAIR #2 (version 1)</p> | <p>SCALE 3/32" = 1'-0"</p> | <p>OF D2</p> | | |
| <p>4-1-04</p> | <p>REVIEWED FOR CONTRACT</p> | <p>DATE 12/22/03</p> | <p>Sheridan FAIRFIELD PORTLAND MAINE</p> | | |
| <p>DateCAD FILE NAME: G.T.V. NAME: PLAN</p> | | | <p>PLANT DATE: 1-26-2004 PLOT TIME: 4:52 PM PATHNAME: N:\DCAD\1\DWG\C\R5\030017 D2 VER1.AEC</p> | | |



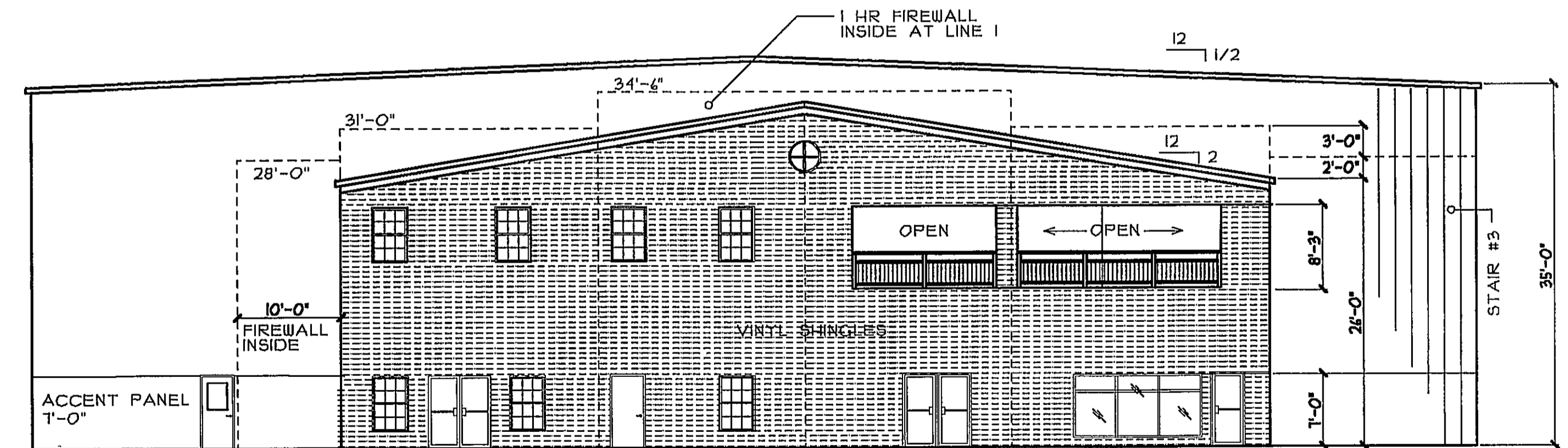
EAST ELEVATION (LINE H)



WEST ELEVATION (LINE A)



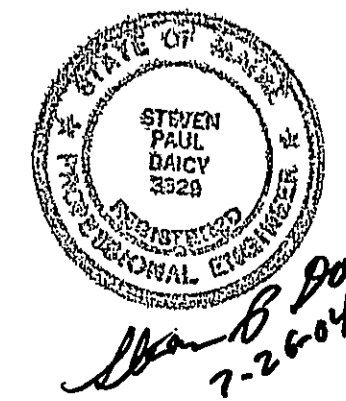
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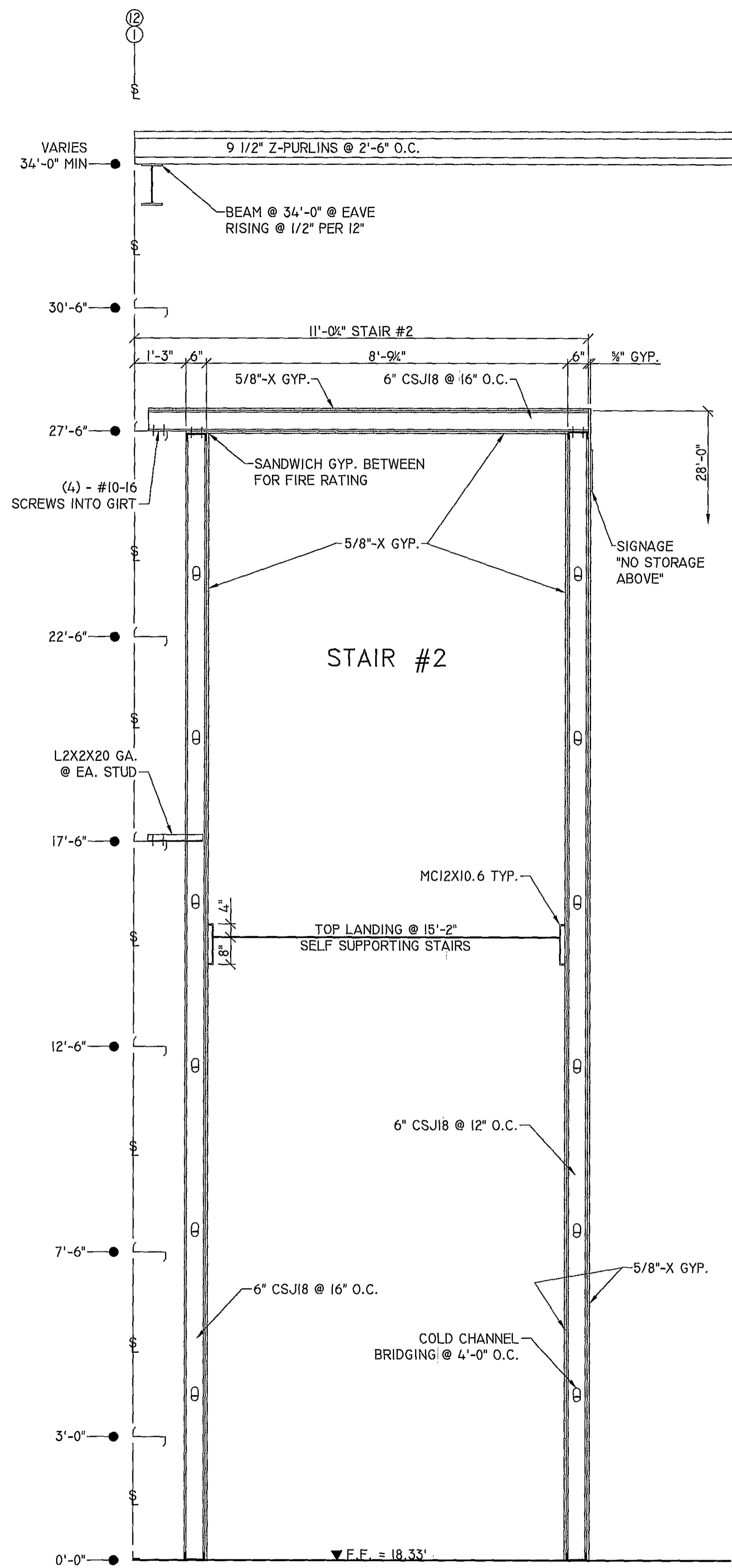


SOUTH ELEVATION (LINE O)

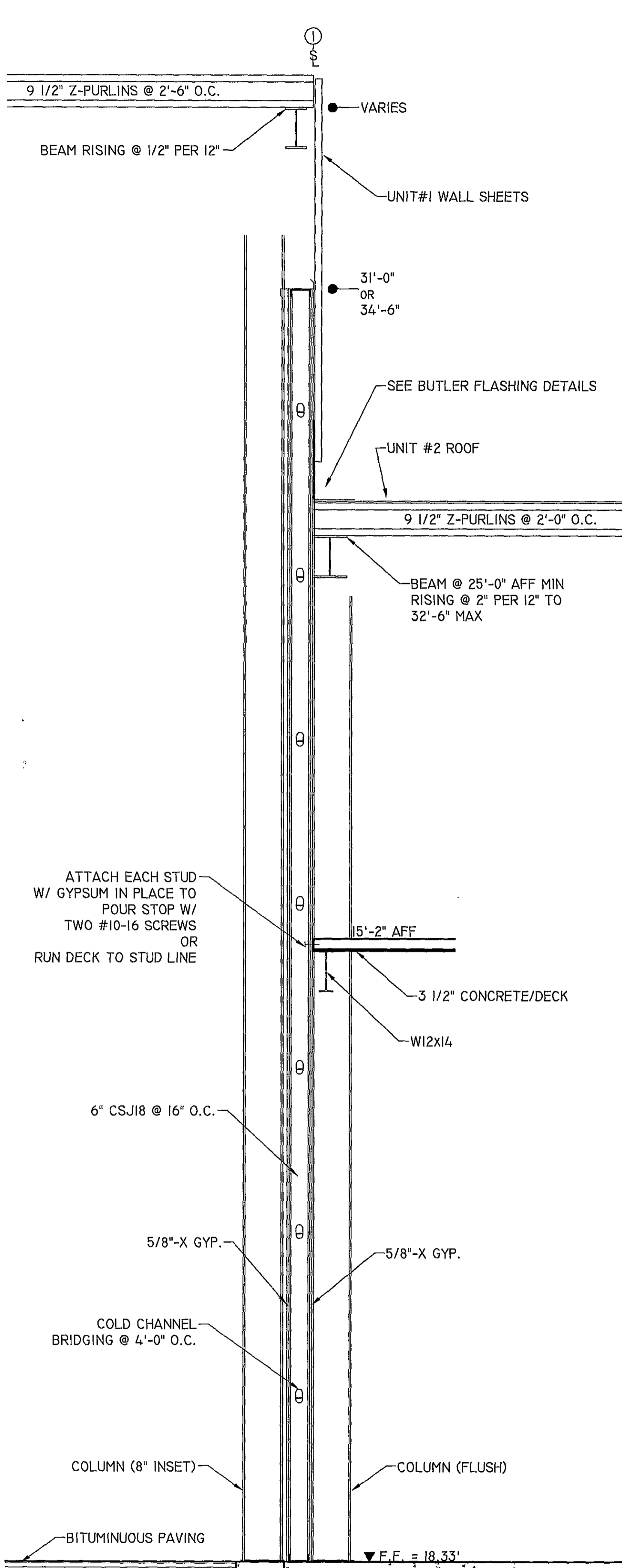
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| DATE | REVISION | EST. NO. | 93404 | Engineering Designs For | JOB NO. |
|---------|---|-------------|---------------|---|-------------|
| 1/23/04 | ADD FIRE WALLS & MISC. ISSUED FOR PERMIT & CONSTRUCTION | SIZE | | MAINE YACHT CENTER 100 KENSINGTON STREET PORTLAND, MAINE | 030017 |
| 6/23/04 | GENERAL REV., DECK & RAMP (VERSION 9) | TYPE | | | ENGINEERING |
| 5-25-04 | EXTERIOR FINISHES REVISED | DRAWN BY | RS | | D3 |
| 4-1-04 | REV'D. FOR CONTRACT | APPROVED BY | | | OF |
| | | SCALE | 3/32" = 1'-0" | ELEVATIONS | |
| | | DATE | 12/22/03 | DESIGN BUILDER | |

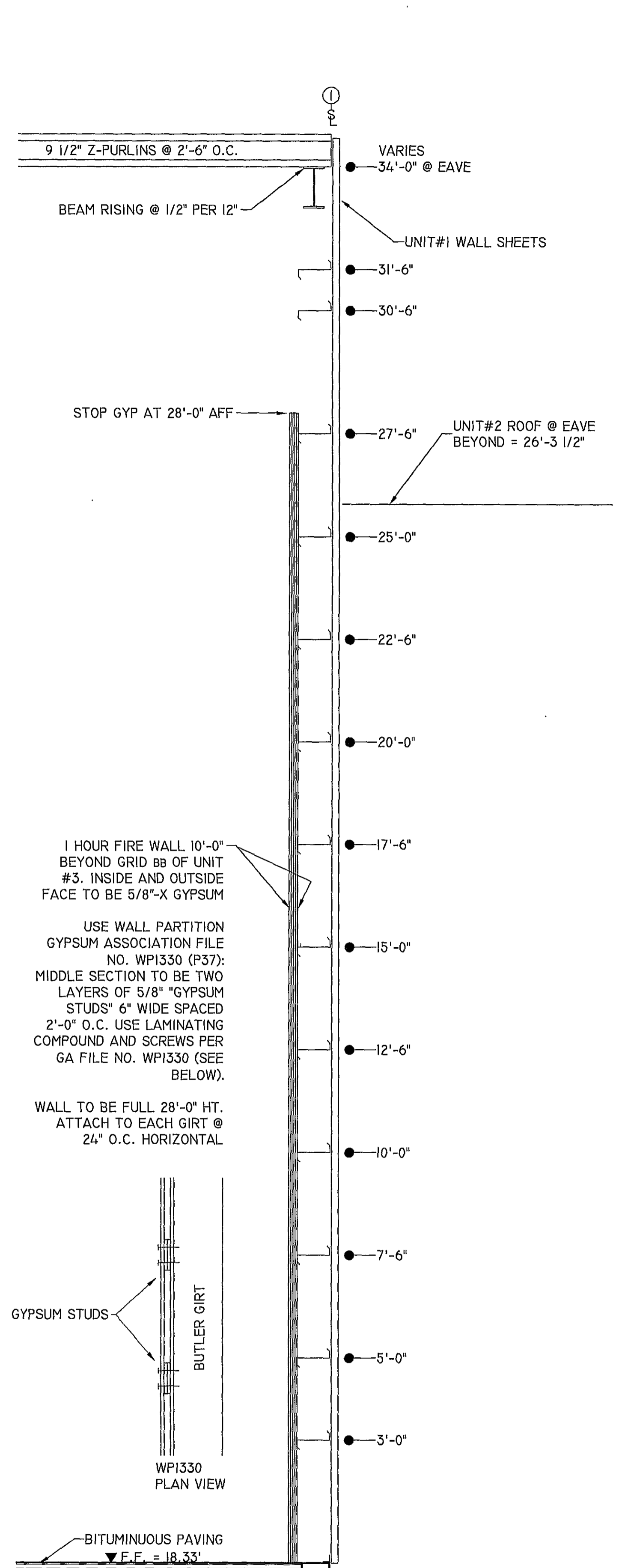




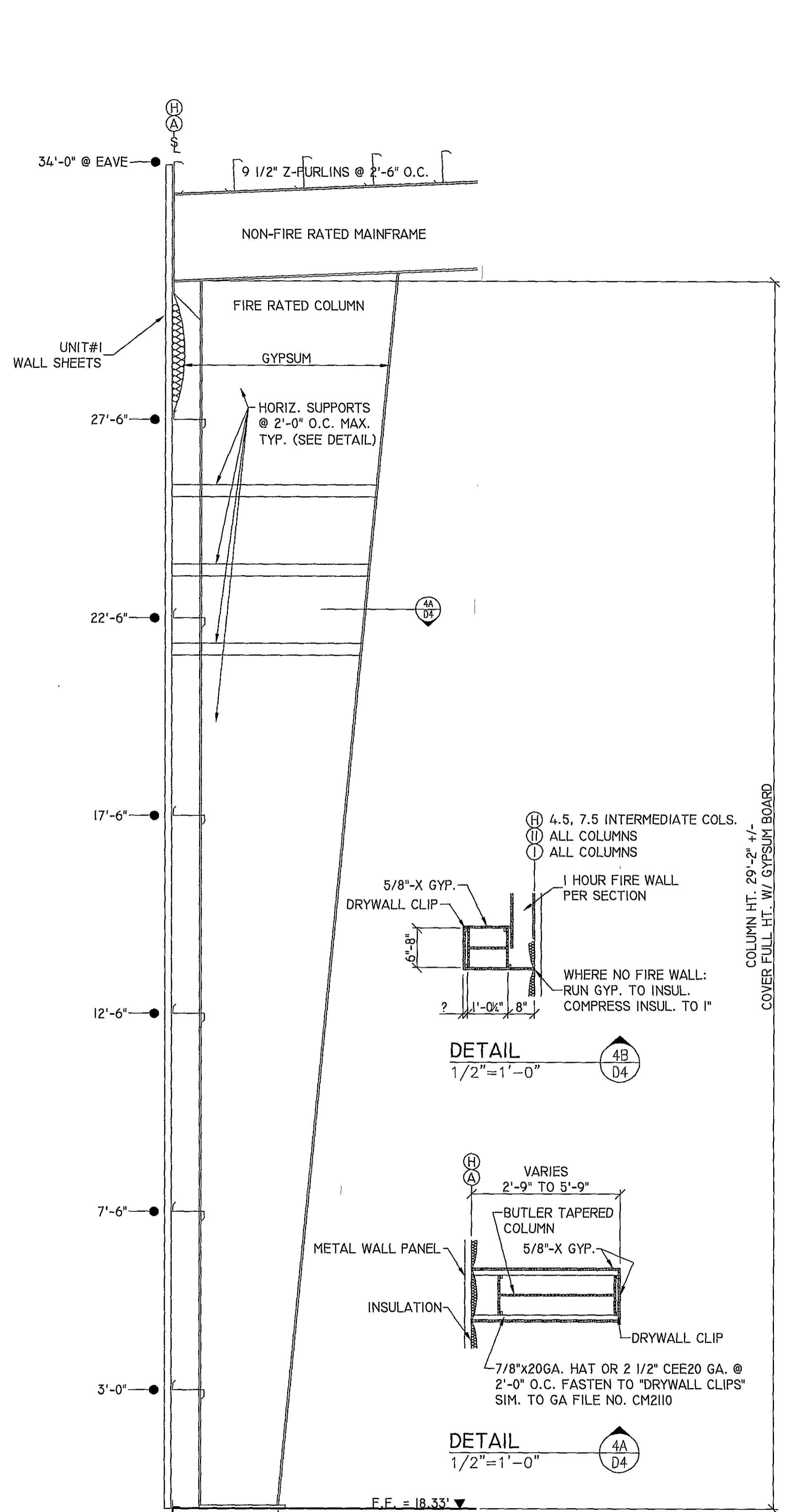
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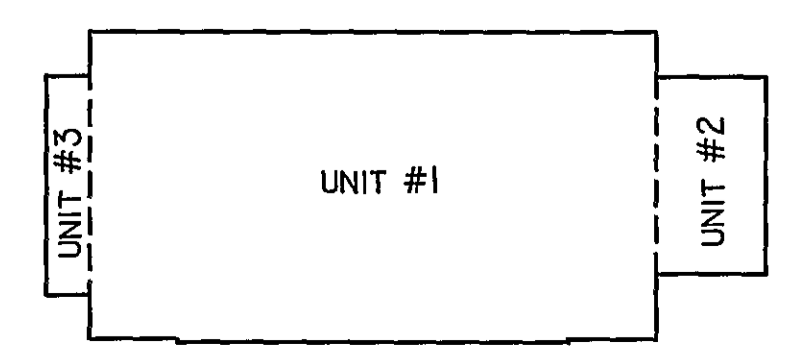
SECTION 2
1/2"=1'-0"



SECTION 3
1/2"=1'-0"



SECTION 4
1/2"=1'-0"

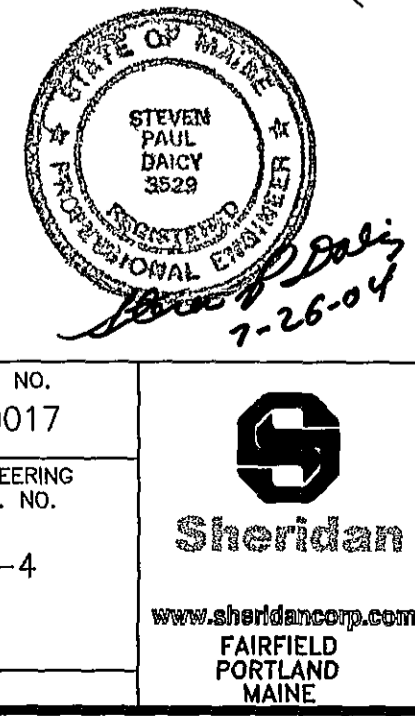


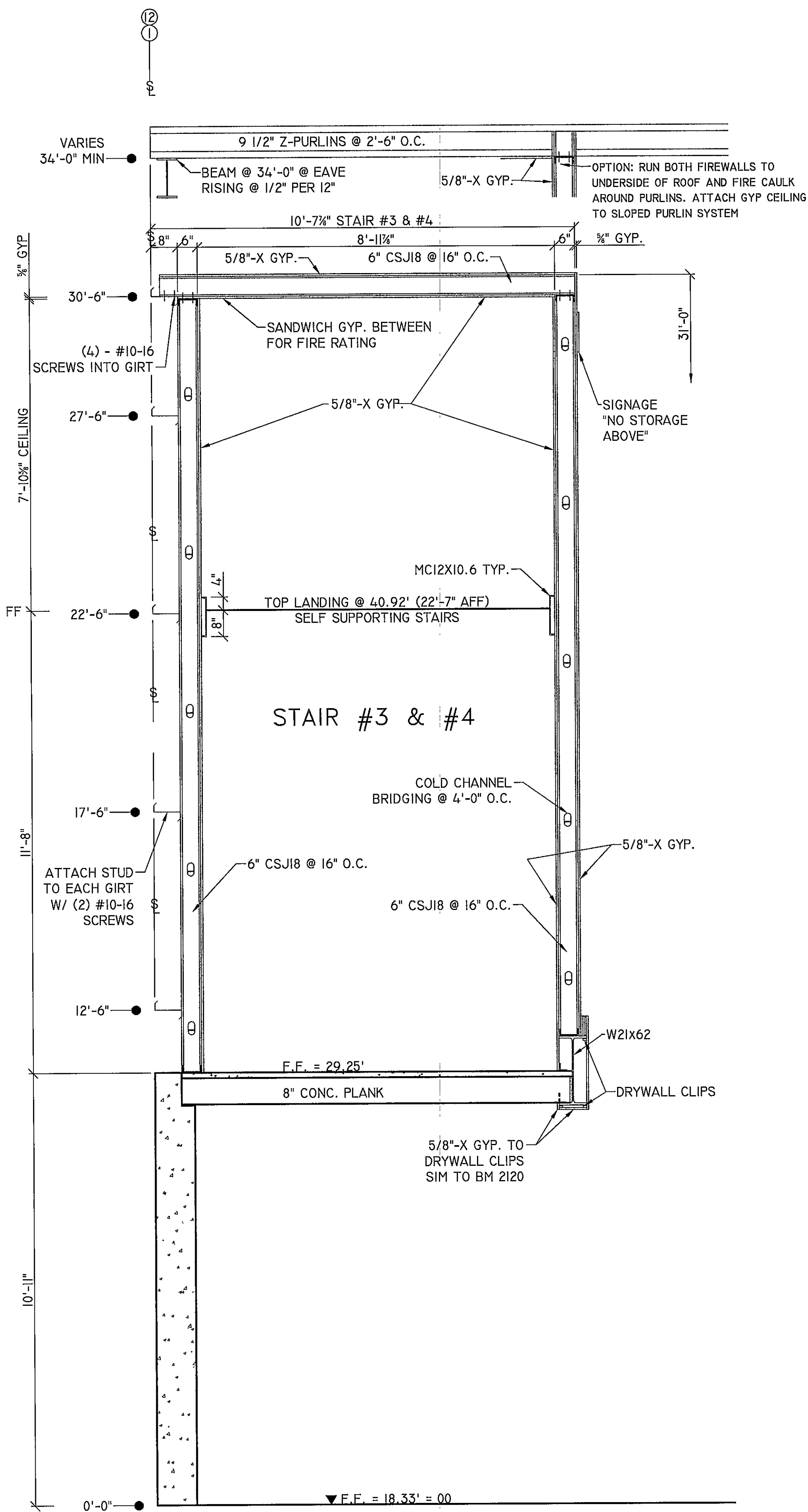
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| DATE | REVISION | EST. NO | 83408 |
|----------|------------------------------------|---------|-------|
| 07/26/04 | ISSUED FOR PERMIT AND CONSTRUCTION | | |

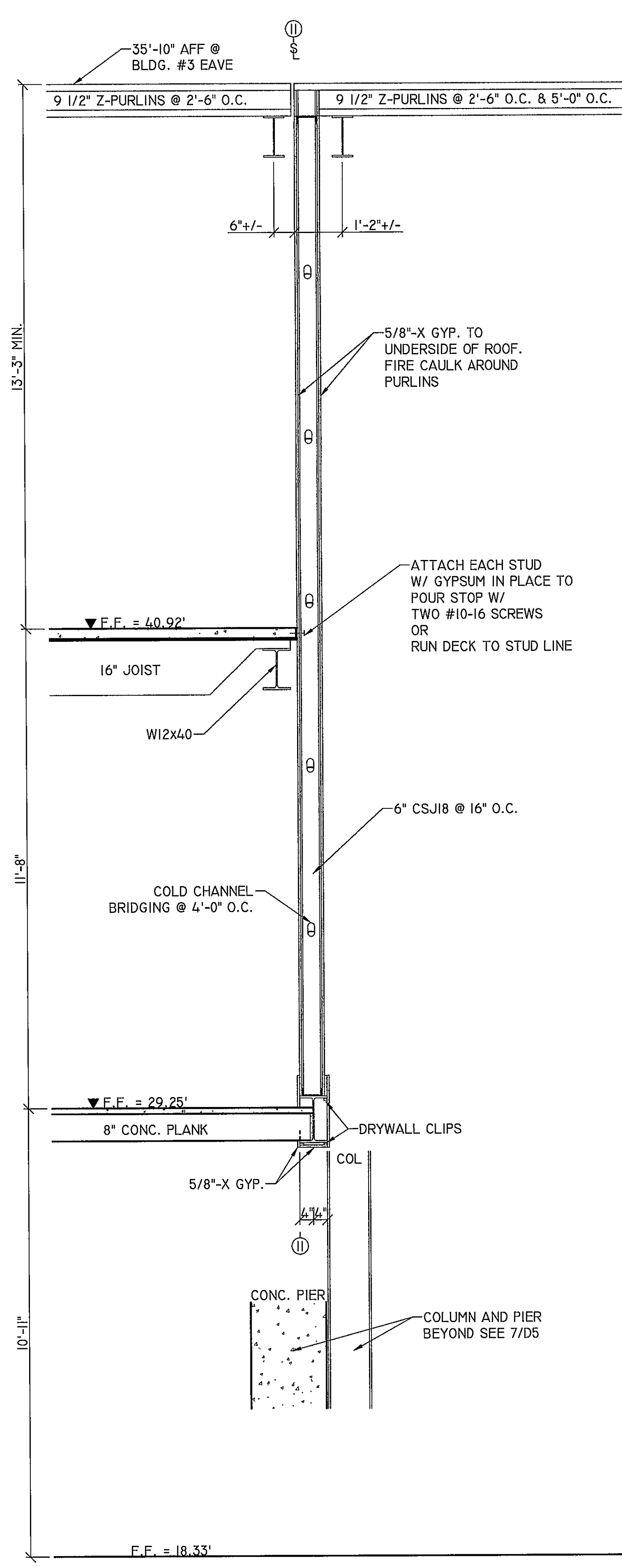
Engineering Design: For
MAINE YACHT CENTER
 100 KENSINGTON STREET
 PORTLAND, MAINE

JOB NO. 030017
 ENGINEERING DWG. NO. D-4
BUILDING SECTIONS
 DESIGN BUILDER

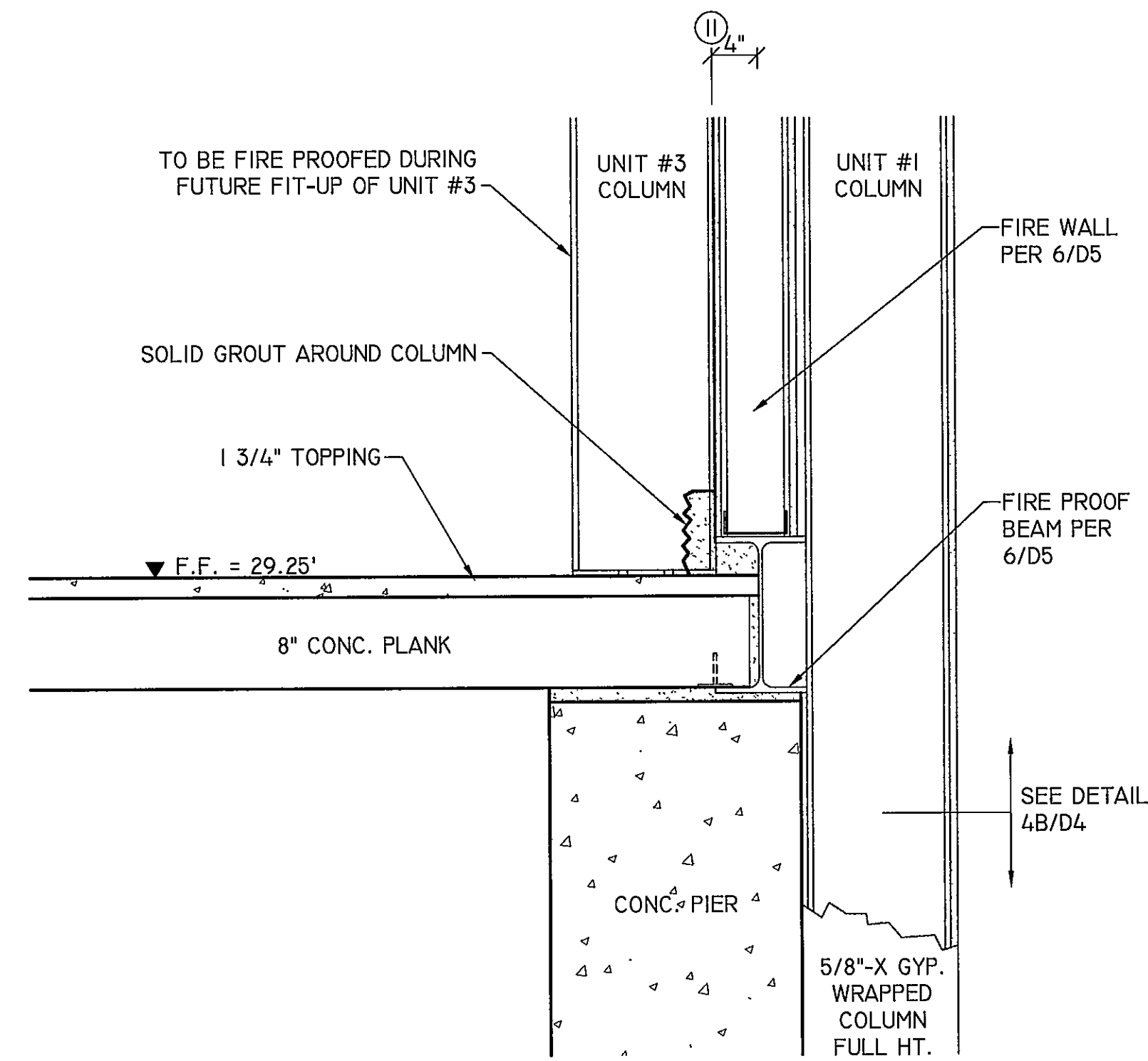




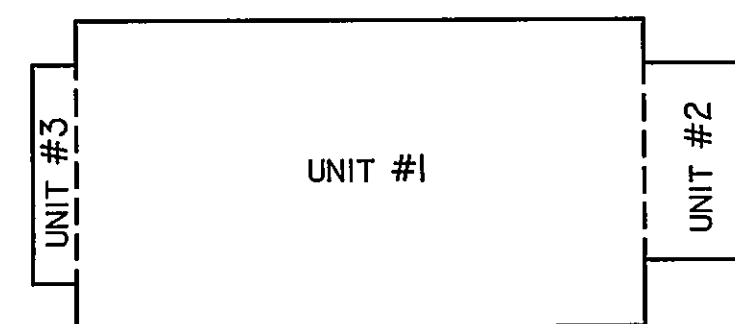
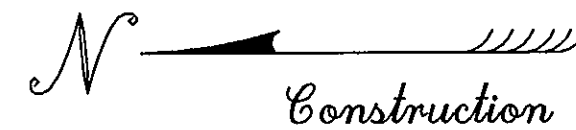
SECTION 5
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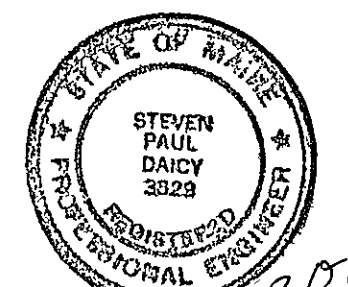
SECTION 6
1/2"=1'-0"



SECTION 7
1"=1'-0"

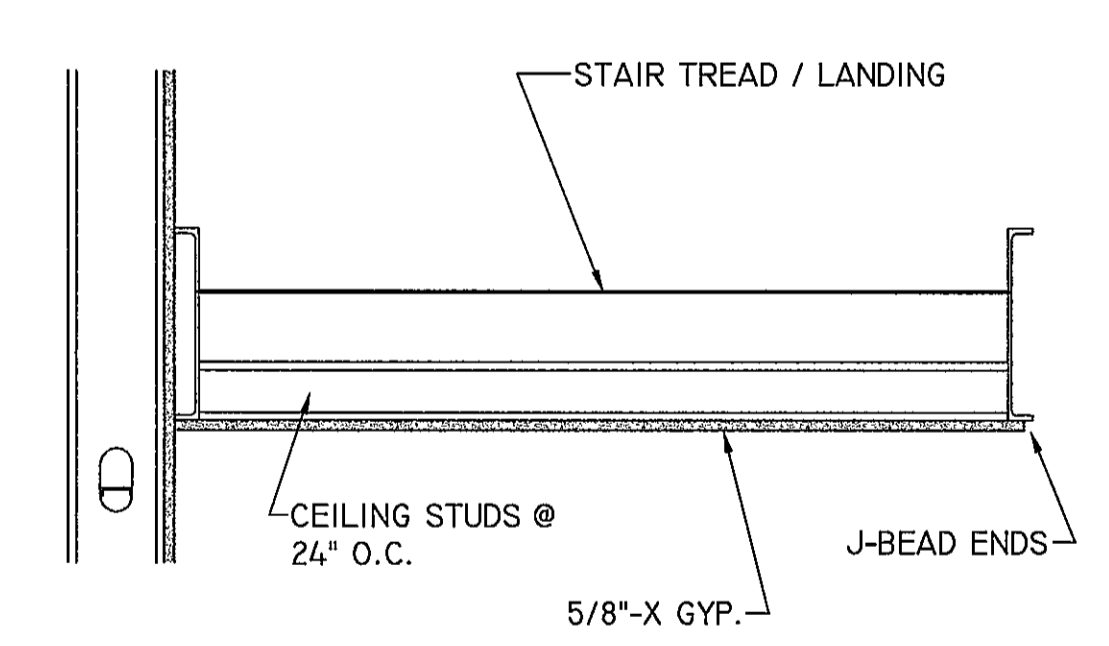
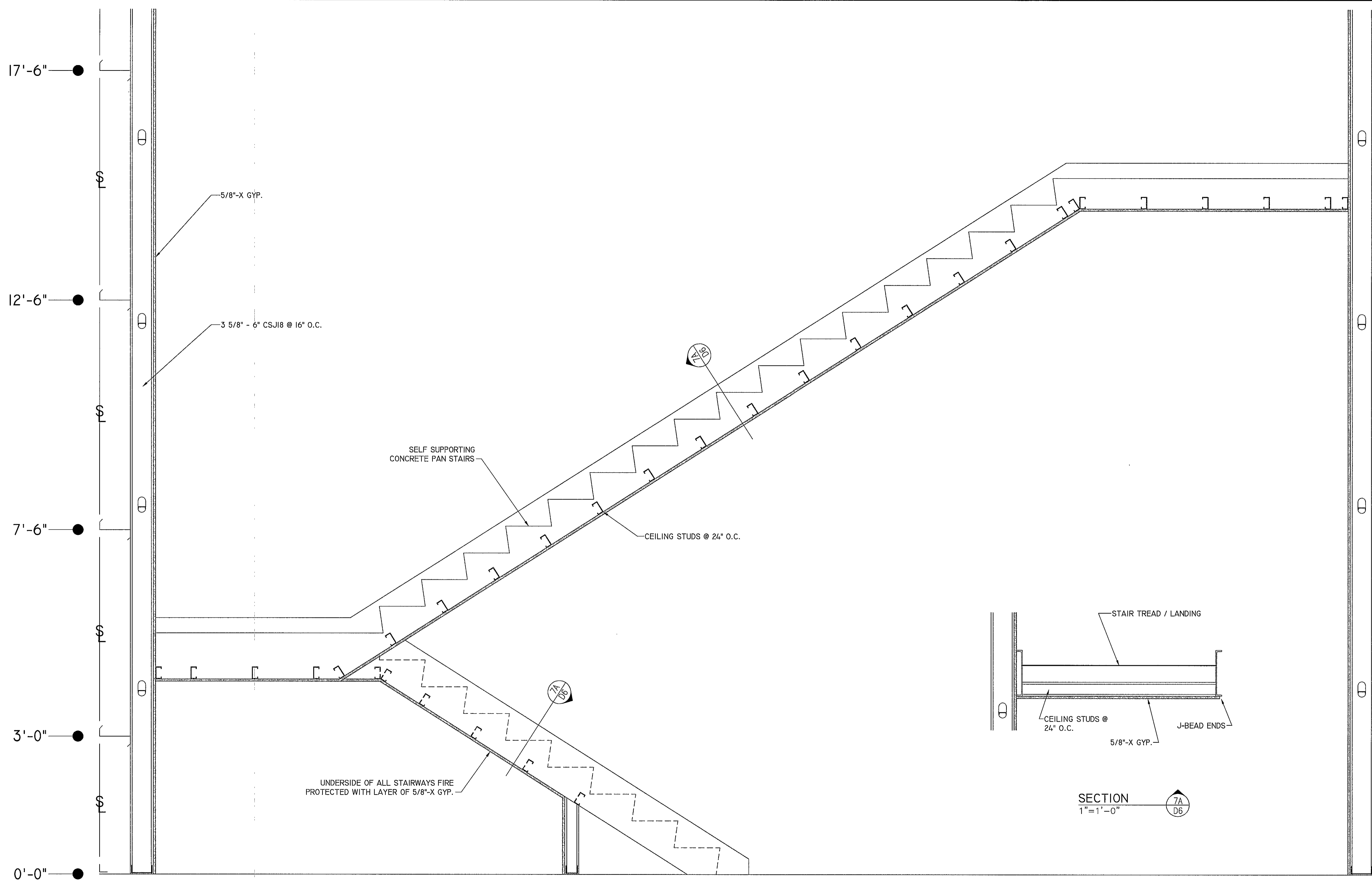


| | | | | | | | | | |
|---|--|----------|--|-------------|----------|-------------------------|--|--------------------------|----------|
| DATE | | REVISION | | EST. NO. | 83406 | Engineering Designs For | | JOB NO. | 030017 |
| | | | | SIZE | | MAINE YACHT CENTER | | ENGINEERING | DWG. NO. |
| | | | | TYPE | | 100 KENSINGTON STREET | | | D-5 |
| | | | | DRAWN BY | DGF | PORTLAND, MAINE | | Title | |
| | | | | APPROVED BY | SPD | BUILDING SECTIONS | | DESIGN BUILDER | |
| | | | | SCALE | AS NOTED | | | www.sheridancorp.com | |
| | | | | DATE | 07/27/04 | | | FAIRFIELD PORTLAND MAINE | |
| 07/27/04 ISSUED FOR PERMIT AND CONSTRUCTION | | | | | | | | | |



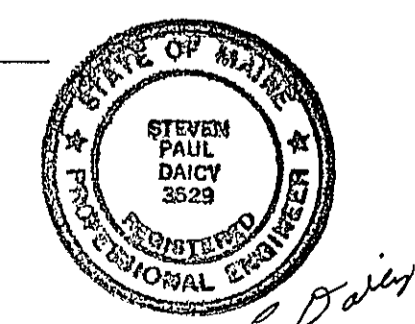
Steven P. Dancy
7-27-04



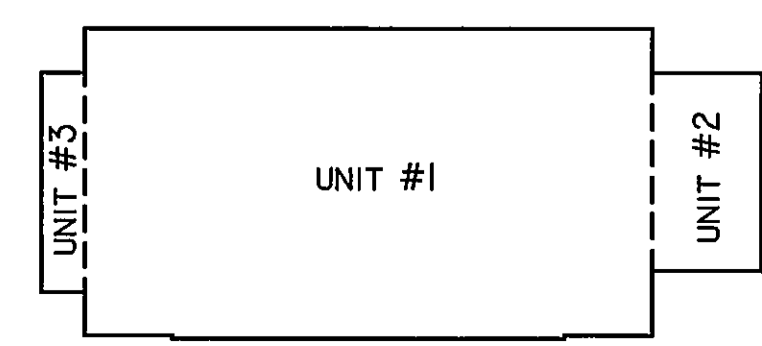


SECTION
1"=1'-0" (7A D6)

SECTION
1"=1'-0" (7 D6)



Steven P. Daicy
7-27-04

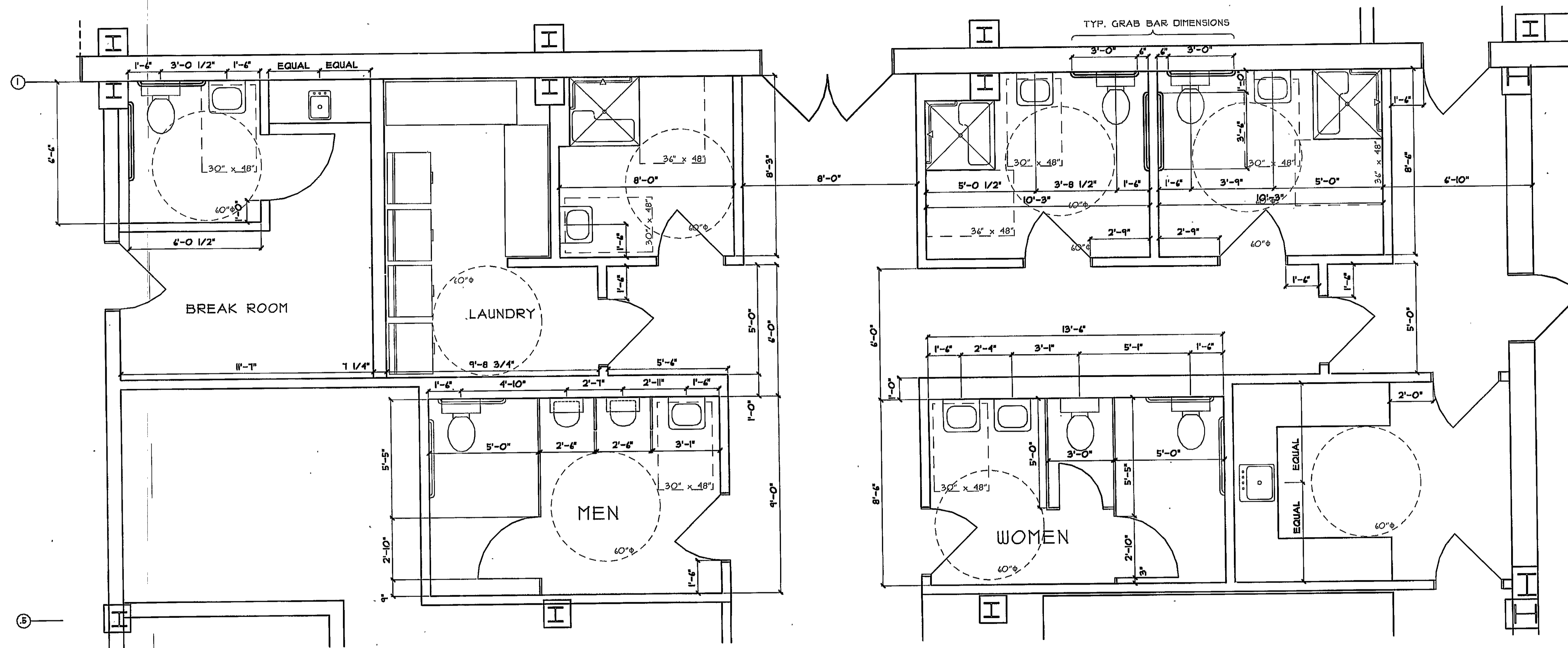


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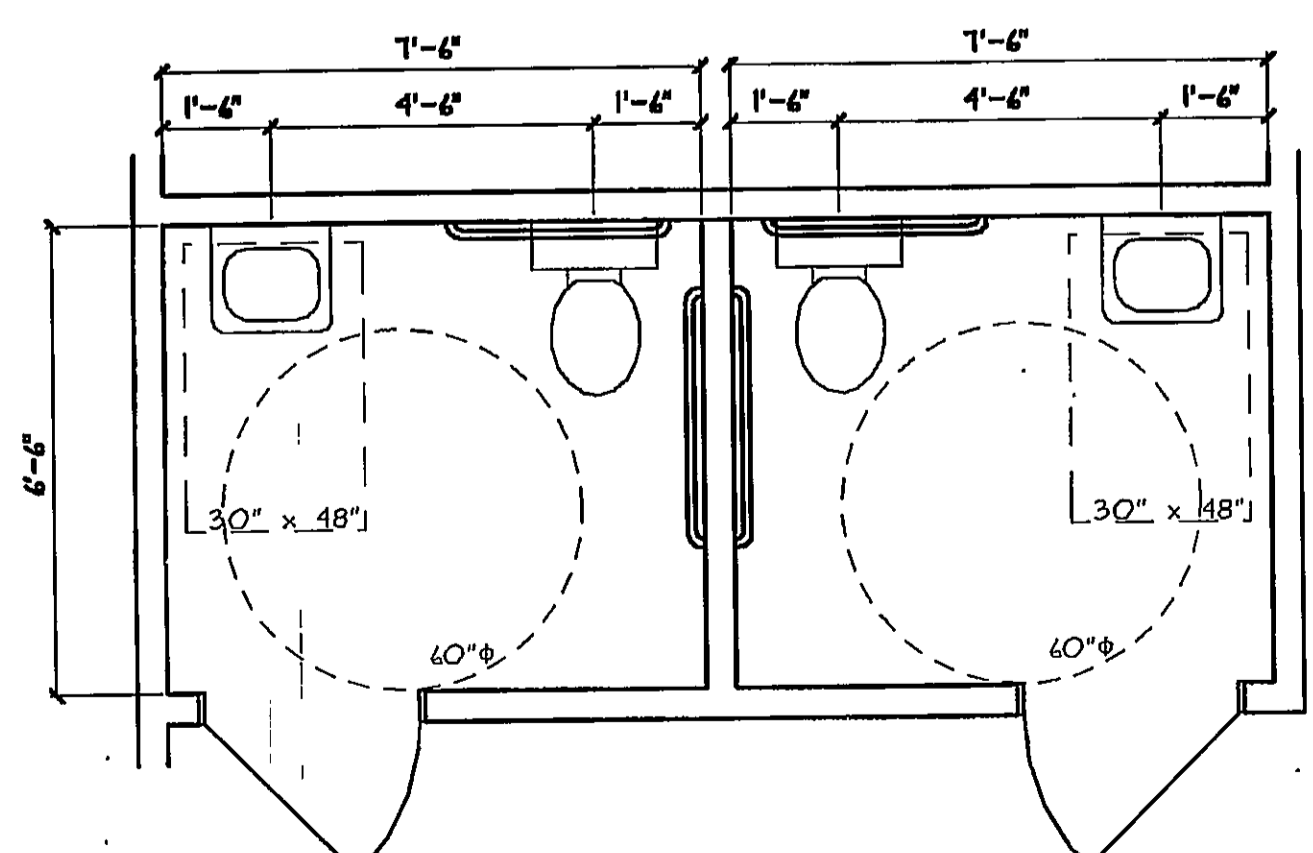
| DATE | REVISION | EST. NO | 83406 |
|------|----------|-------------|----------|
| | | SIZE | |
| | | TYPE | |
| | | DRAWN BY | DGF |
| | | APPROVED BY | SPD |
| | | SCALE | AS NOTED |
| | | DATE | 07/27/04 |

| | |
|--|--------------------------------|
| Engineering Designs For | JOB NO. 030017 |
| MAINE YACHT CENTER 100 KENSINGTON STREET PORTLAND, MAINE | ENGINEERING DWG. NO. D-6 |
| BUILDING SECTIONS | |
| DESIGN BUILDER | |

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FAIRFIELD
PORTLAND
MAINE

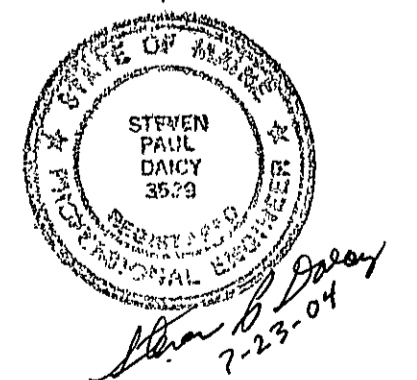


FIRST FLOOR RESTROOMS

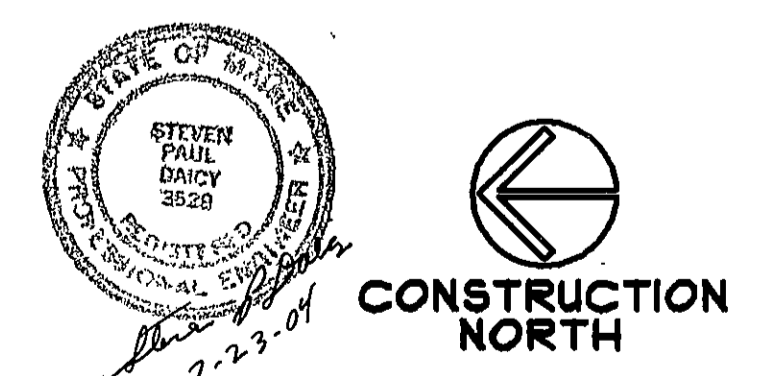
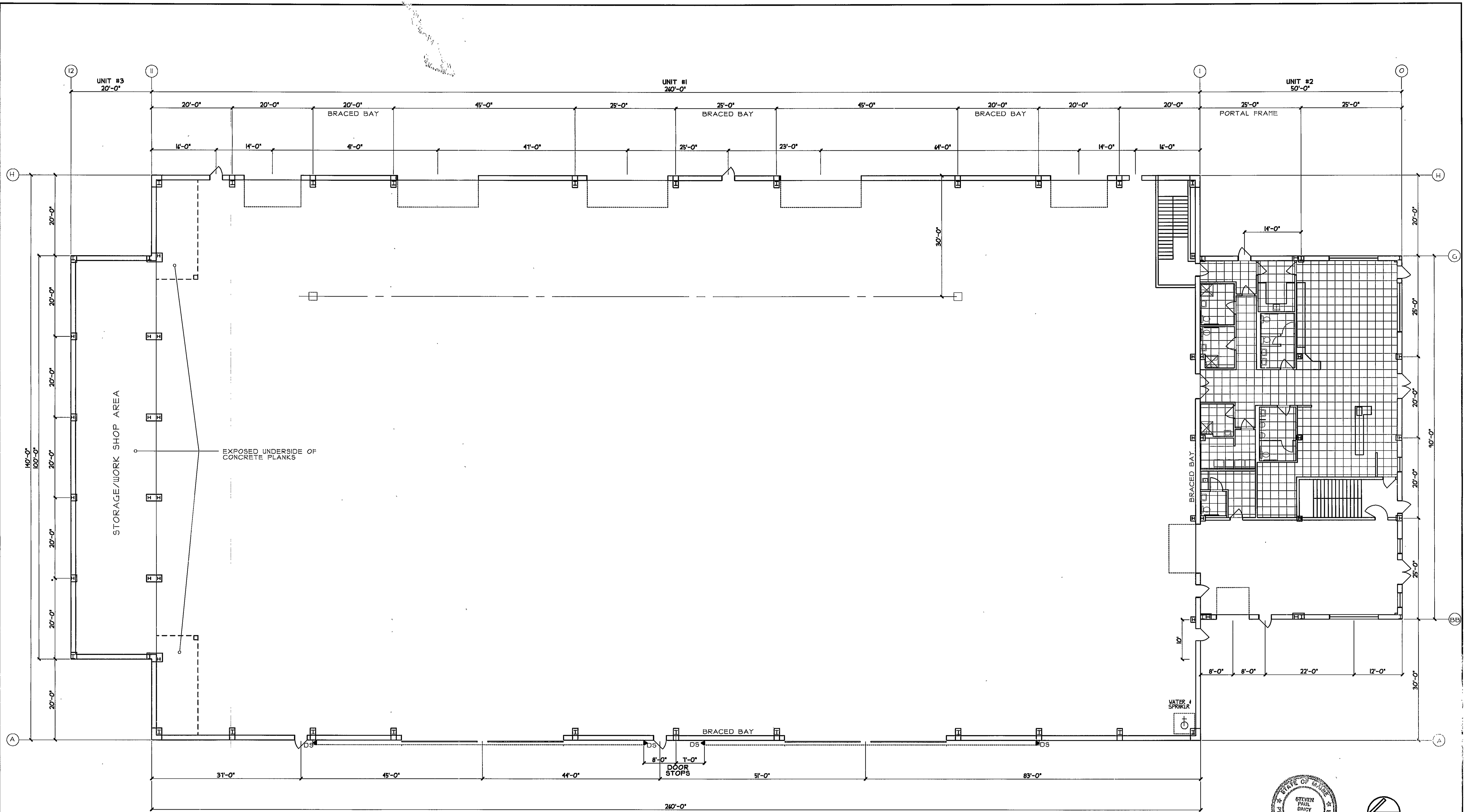


SECOND FLOOR RESTROOMS

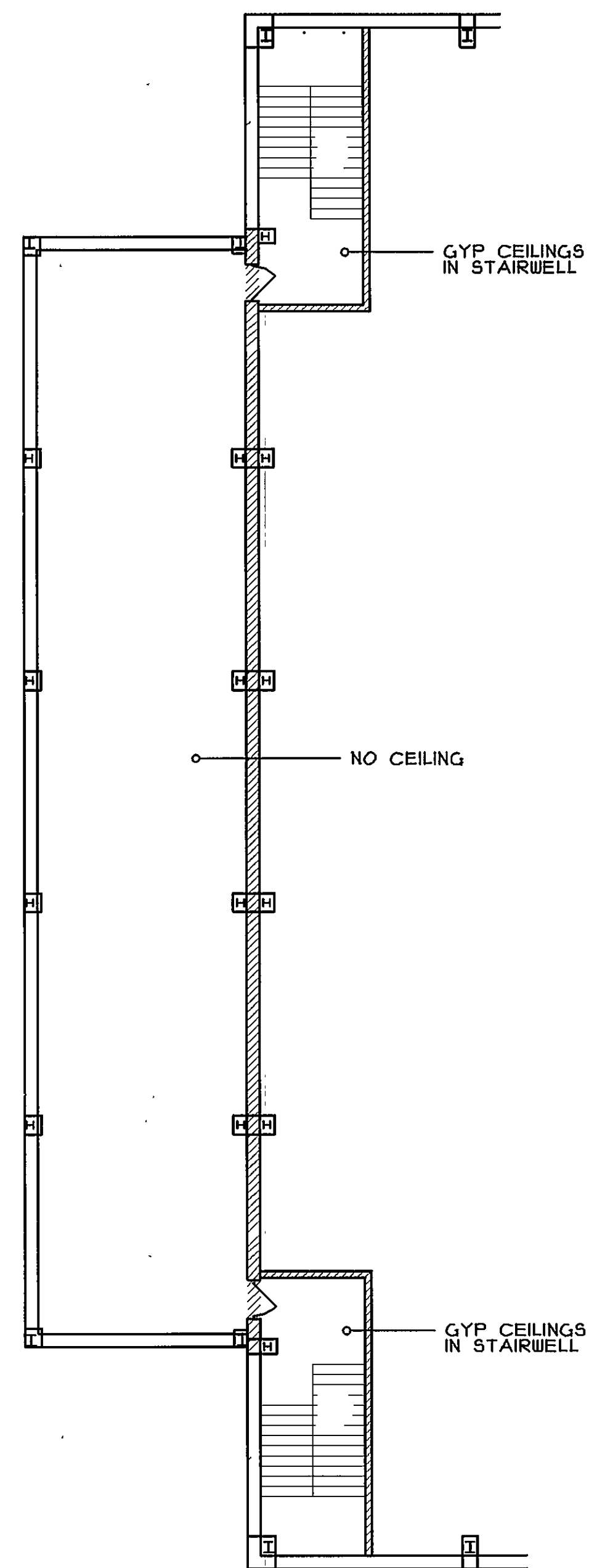
NOTE:
REFER TO DRAWING ADA 124.3 FOR ADDITIONAL
FIXTURE CLEARANCES AND DIMENSIONS AND COUNTER DESIGN.



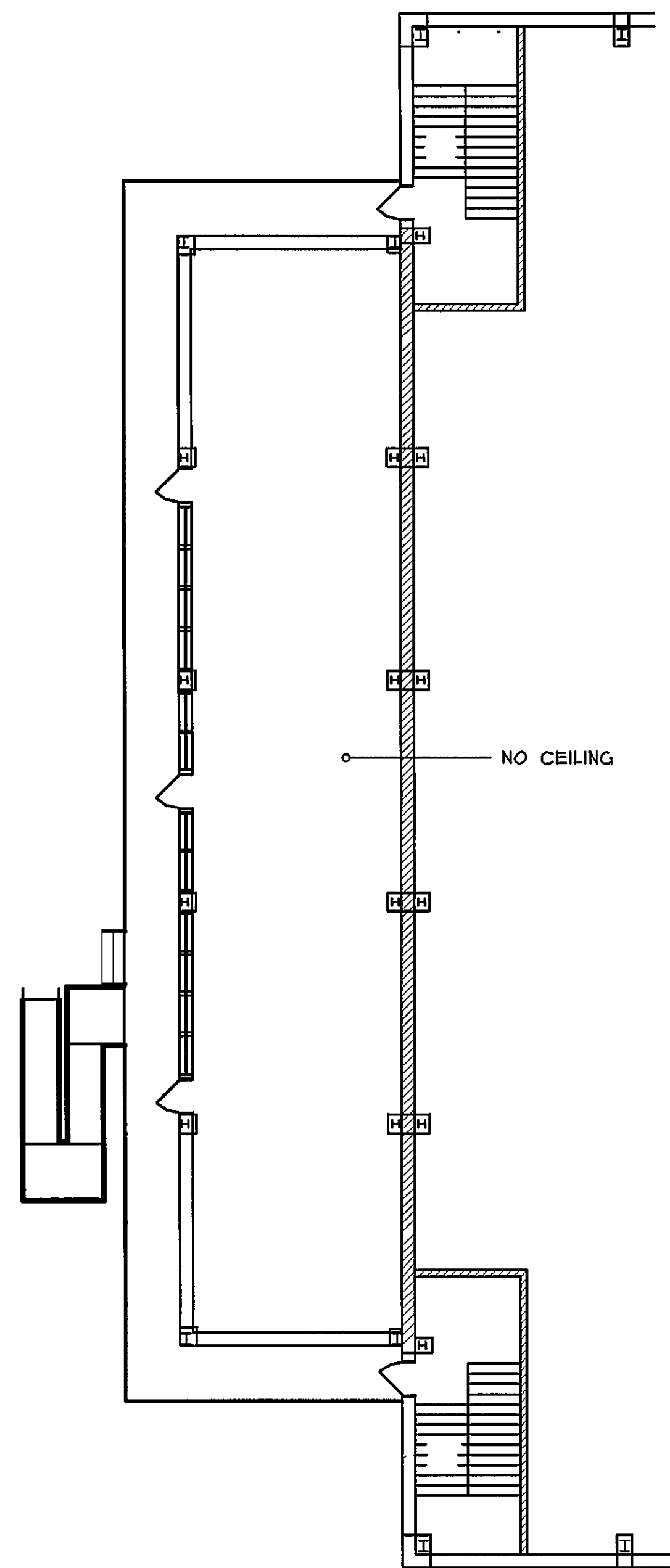
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|--|-----------------|--|--------------------------------|---|
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| DATE 1/23/04 | REVISION | EST. NO N/A | SIZE N/A | ENGINEERING DWG. NO. DT 07 |
| | | TYPE N/A | DRAWN BY RB | ENLARGED RESTROOM PLANS UNIT 2 |
| | | APPROVED BY SPD | SCALE 3/8" = 1'-0" | |
| 1/23/04 ISSUED FOR PERMIT & CONSTRUCTION | | DATE 1/23/04 | DATE 1/23/04 | DESIGN BUILDER |
| <small>Plot Date: 1-23-2004 Plot Time: 2:52 PM PathName: N:\DCAD\1208\CV\RS\030017\RR.AEC</small> | | <small>DataCAD FILE NAME:</small> | <small>G.T.V. NAME: DT</small> | <small>FAIRFIELD PORTLAND MAINE</small> |



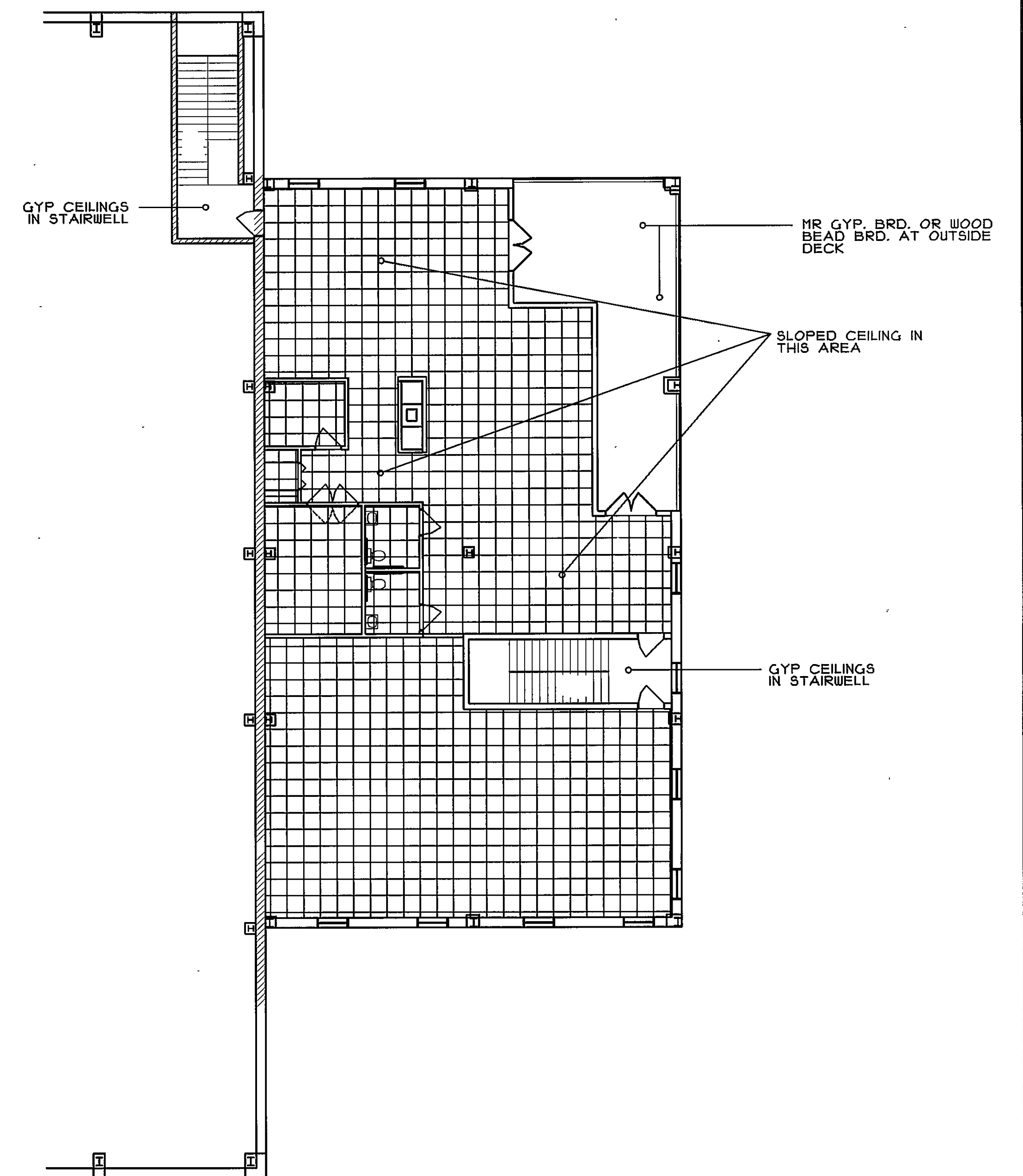
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|--|---|---|----------------------------|--|
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| DATE 1/23/04 | REVISION ISSUED FOR PERMIT & CONSTRUCTION | EST. NO 83406 | TYPE RS/RP Title | ENGINEERING DWG. NO. RCI OF |
| APPROVED BY <small>_____</small> | | SCALE 3/32" = 1'-0" | DATE 1/20/04 | Sheridan <small>www.sheridaninc.com</small> FAIRFIELD PORTLAND MAINE |
| PLOT DATE: 1-23-2004 PLOT TIME: 1:35 PM PATHNAME: N:\DCAD\1\DWG\CARS\030017.D3 VERR9.AEC | | BUTLER DESIGN BUILDER | | |



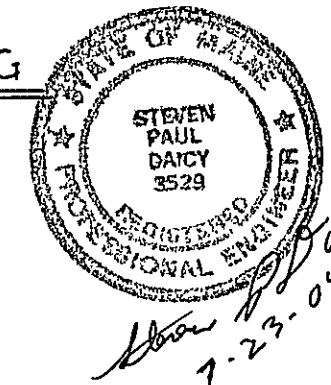
THIRD FLOOR RETAIL BUILDING



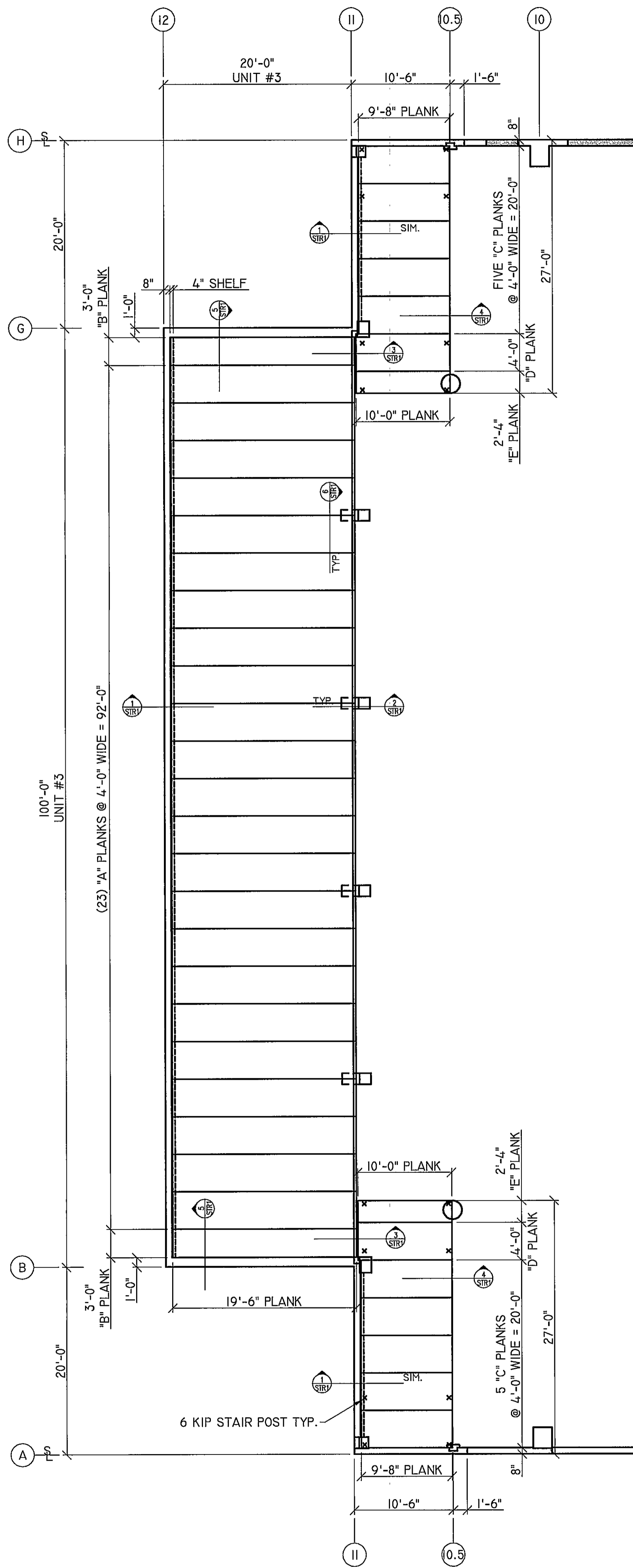
SECOND FLOOR RETAIL BUILDING



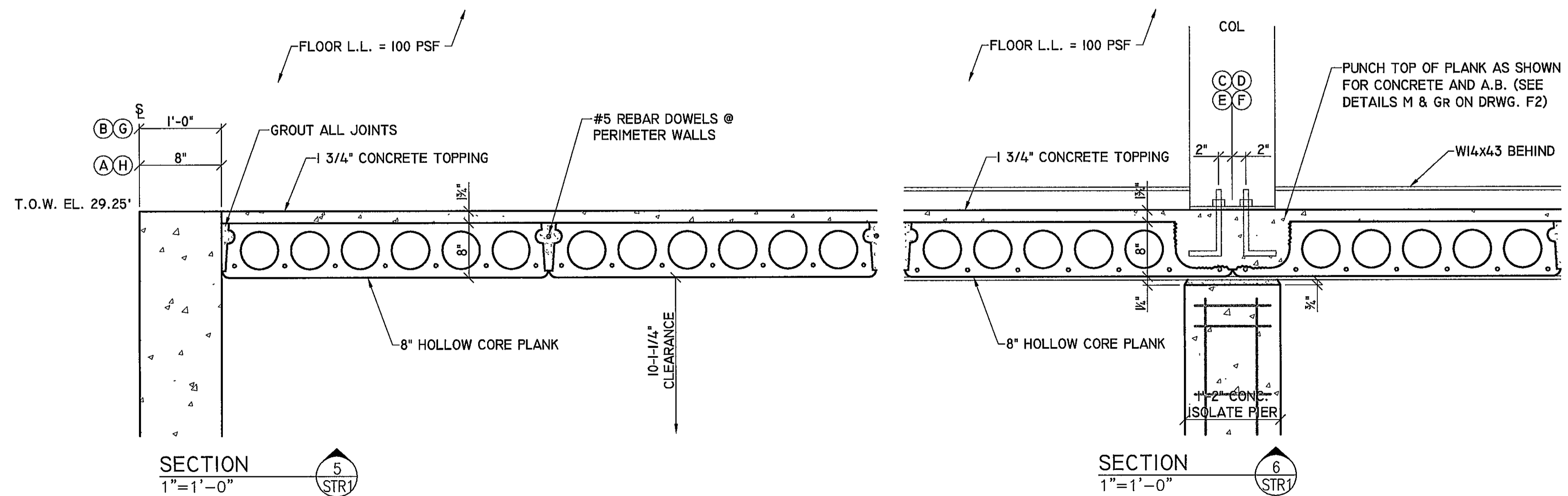
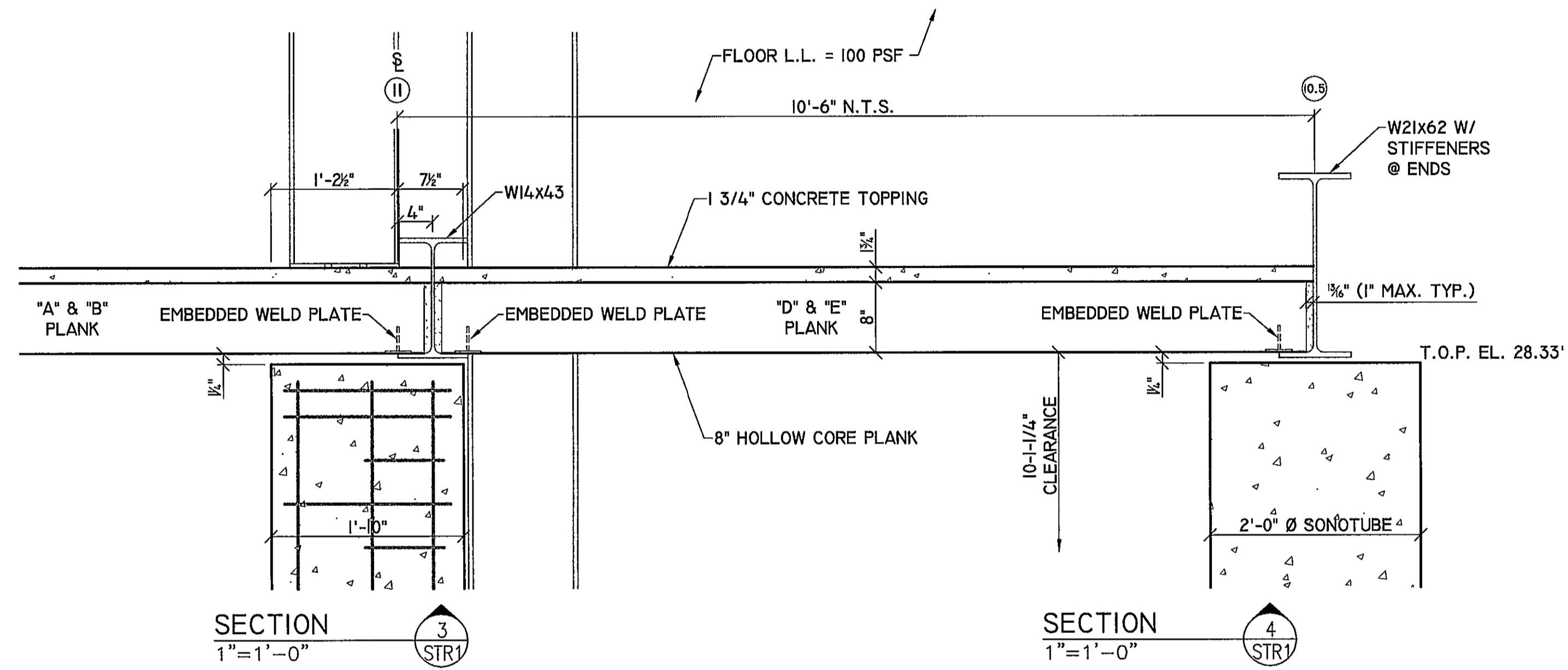
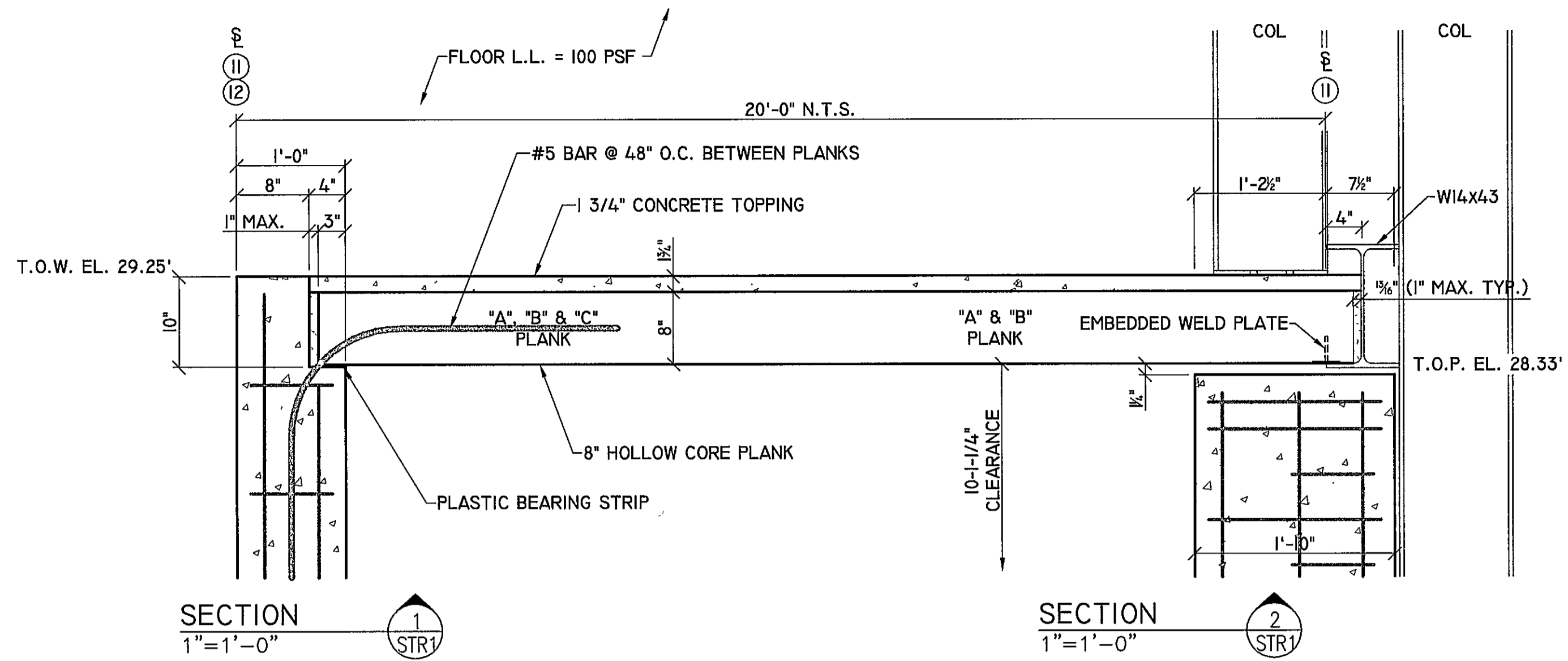
SECOND FLOOR OFFICE / SERVICE BUILDING



| | | | | | | | | | |
|--------------------|--|----------------------------------|--|---------------------|--|-------------------------------|--|--------------------------|--|
| DATE | | REVISION | | EST. NO 83404 | | Engineering Designs For | | JOB NO. 030017 | |
| | | | | SIZE | | MAINE YACHT CENTER | | ENGINEERING DWG. NO. RC2 | |
| | | | | TYPE | | PORTLAND, MAINE | | OF | |
| | | | | DRAWN BY RP/RS | | TITL | | Sheridan | |
| | | | | APPROVED BY | | SECOND FLOOR PLAN - OFFICE | | FAIRFIELD PORTLAND MAINE | |
| | | | | SCALE 3/32" = 1'-0" | | 2ND & 3RD FLOOR PLAN - RETAIL | | | |
| 1/23/04 | | ISSUED FOR PERMIT & CONSTRUCTION | | DATE 1/20/04 | | CEILING GRID | | | |
| DataCAD FILE NAME: | | G.T.V. NAME: REFCEIL | | | | BUTLER DESIGN BUILDER | | | |



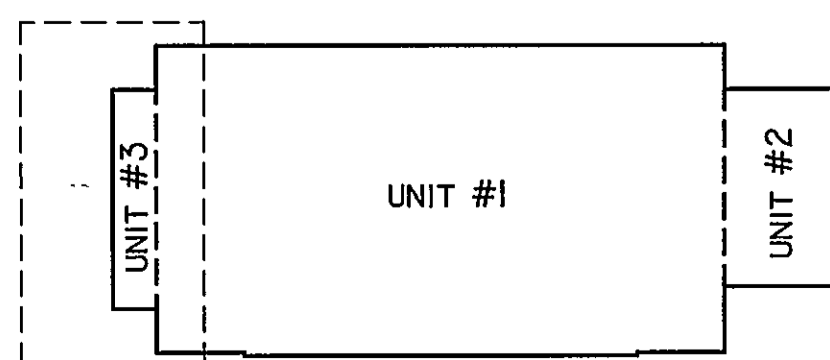
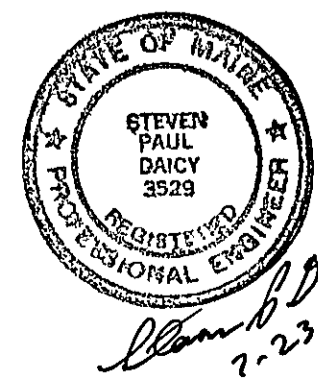
PLANKING PLAN
1/8" = 1'-0"



PLANK NOTES:

- 1.) LIVE LOAD FOR FLOOR PLANKS "A" & "B" = 100 PSF. LIVE LOAD FOR STAIR PLANKS "C", "D", AND "E" = 150 PSF. (STAIR POINT LOAD OF 6 KIPS MAX WILL BE LOCATED WITHIN 6 INCHES FROM END OF PLANKS. FIELD PUNCH AND GROUT 12"x12" AREA TO RECEIVE STAIR POST).
- 2.) LIFT PLANKS NEAR ENDS ONLY, AND WITH THE "TOPSIDE" UP. THE TOP OF PLANK MUST REMAIN IN COMPRESSION AT ALL TIMES. BOTTOM OF PLANKS HAVE STEEL TENSION CABLE.
- 3.) ERECT PLANKS USING PLASTIC SHIMS @ CONCRETE WALLS, AND WELD PLATES @ STEEL BEAMS. FIELD WELD EMBEDMENT PLATES TO BEAM FLANGE WITH MINIMUM 1/4" FILLET OVERHEAD WELD FOR 3".
- 4.) GROUT ENDS AND SIDE JOINTS WITH 2500 PSI GROUT. BEND #5 REBAR FROM FOUNDATION WALLS INTO EACH SIDE JOINT.
- 5.) PLANKS MAY HAVE CAMBER. THUS, MID-SPAN MAY HAVE LESS CONCRETE TOPPING THAN AT ENDS OF PLANK.
- 6.) TOPPING TO BE 3500 PSI CONCRETE @ 28 DAY COMPRESSIVE STRENGTH.
- 7.) PLANK TO HAVE TOP PUNCHED FOR SOLID GROUT AS PER DETAILS M & GR ON DRAWING F2 AND NOTE #1 ABOVE.
- 8.) STEEL BEAMS ON LINE 11 AND 10.5 TO BE FIREPROOFED WITH GYPSUM BOARD PER DETAILS ON DRAWING D5.

| UNIT | STRUCTURAL PLAN INDEX: |
|------|-------------------------------------|
| #3 | STR1 CONC. PLANKING PLAN & DTLS. |
| #3 | STR2 FF=29.25 STEEL FRAMING & DTLS. |
| #3 | STR3 FF=40.92 STEEL FRAMING & DTLS. |
| #? | STR4 ??? |
| #? | STR5 ??? |
| #? | STR6 ??? |
| #? | STR7 ??? |
| #? | STR8 ??? |



| DATE | REVISION | EST. NO | 83406 |
|----------|----------------------------------|-------------|----------|
| | | SIZE | |
| | | TYPE | |
| | | DRAWN BY | DGF-RS |
| | | APPROVED BY | SPD |
| | | SCALE | AS NOTED |
| | | DATE | 07/19/04 |
| 07/23/04 | ISSUED FOR PERMIT & CONSTRUCTION | | |

Engineering Designs For
MAINE YACHT CENTER
 100 KENSINGTON STREET
 PORTLAND, MAINE

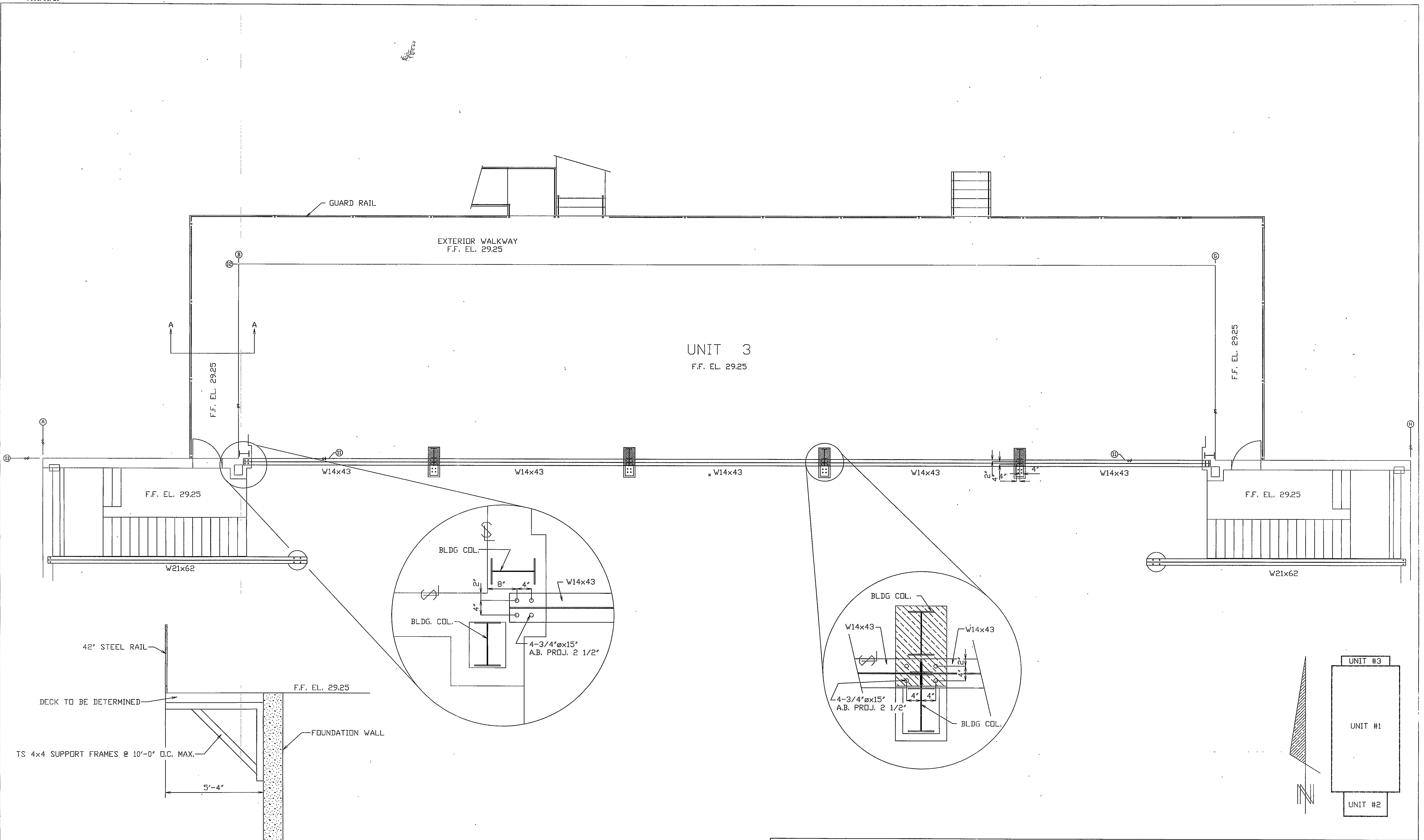
CONCRETE PLANKING PLAN
 AND SECTIONS

DESIGN BUILDER

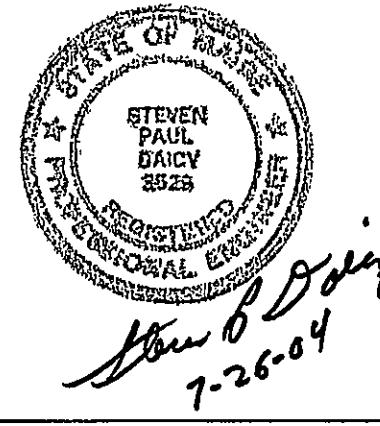
JOB NO.
030017

ENGINEERING
DWG. NO.
STR-1

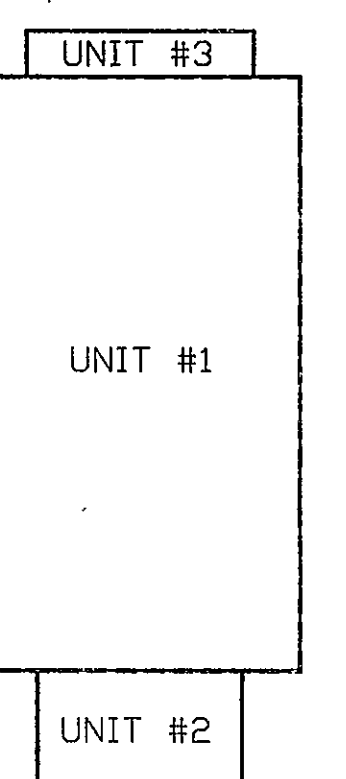
Sheridan
 FAIRFIELD
 PORTLAND
 MAINE

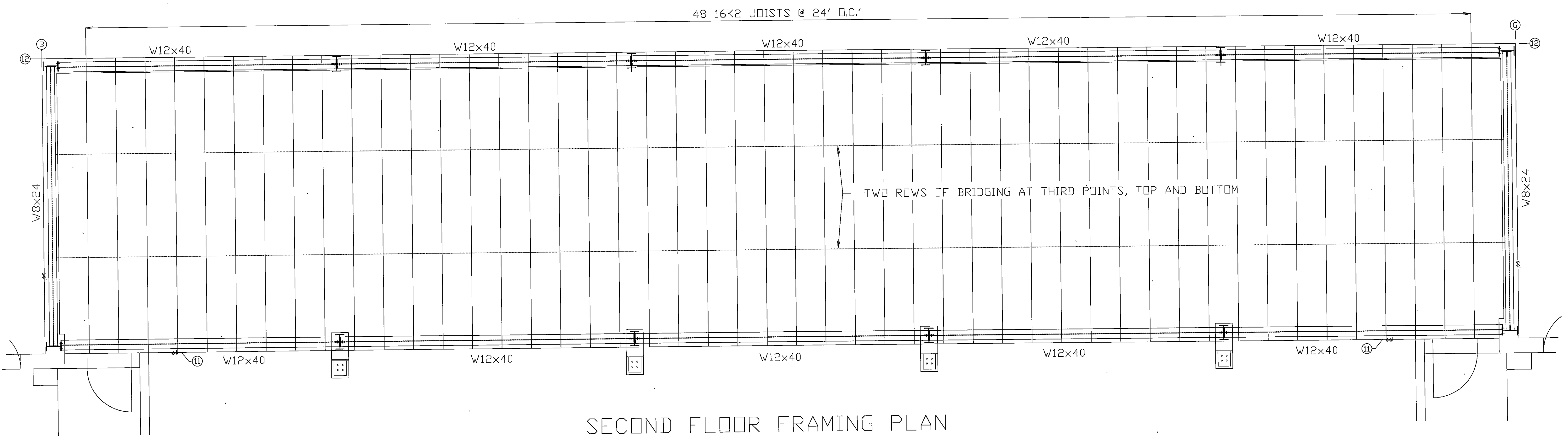


SECTION A
EXTERIOR WALKWAY FRAMING

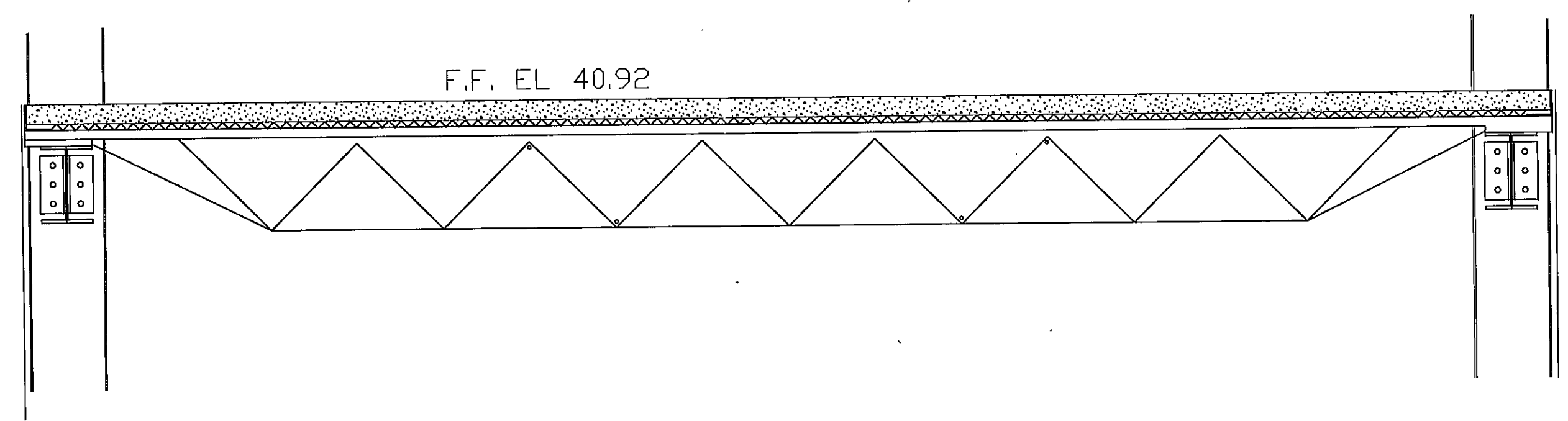


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|--|------------------------------------|----------------------|---------------------------|
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| DATE | REVISION | EST. NO | Engineering Designs For |
| | | | MAINE YACHT |
| | | | PORTLAND, MAINE |
| | | | JOB NO. 030017 |
| | | | ENGINEERING DWG. NO. STR2 |
| | | | UNIT 3 |
| | | | STEEL FRAMING AND DETAILS |
| 26 JULY 04 | ISSUED FOR PERMIT AND CONSTRUCTION | DATE 26 JULY 04 | DESIGN BUILDER |
| FILE NAME: N:\ROGER\2003\030017 Maine Yacht\STR2.dwg | | SHERIDAN CORPORATION | |





SECOND FLOOR FRAMING PLAN

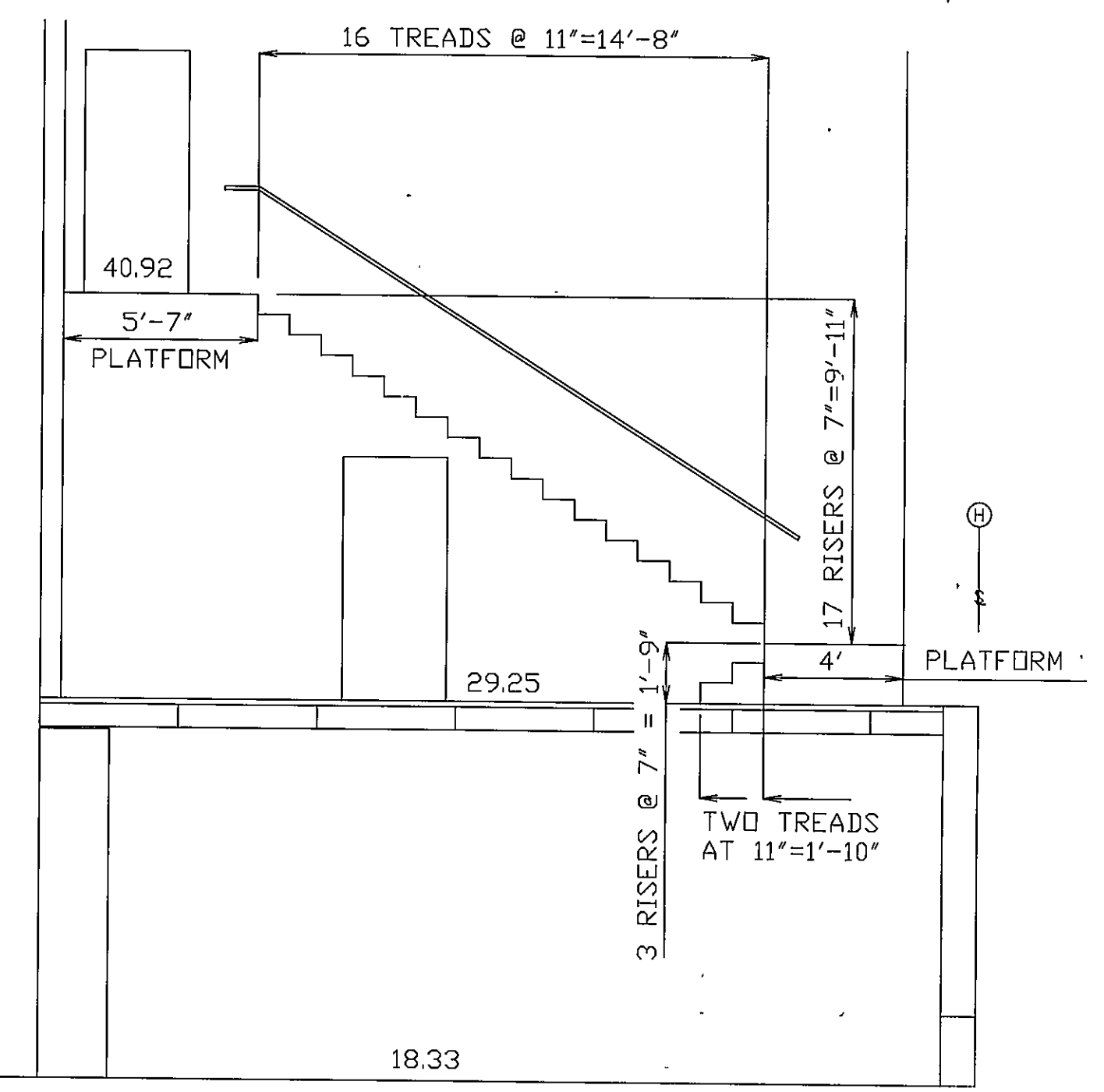
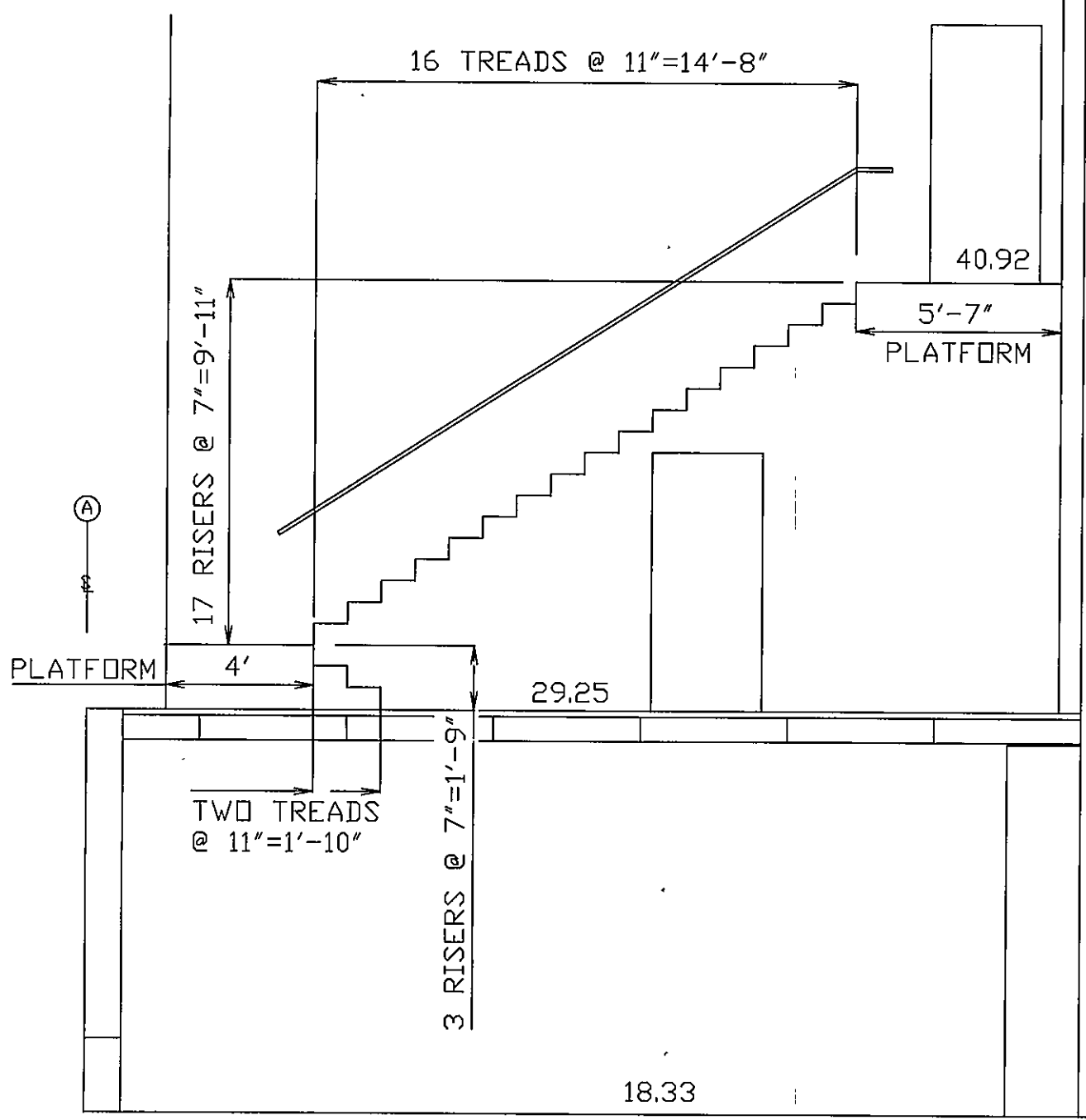
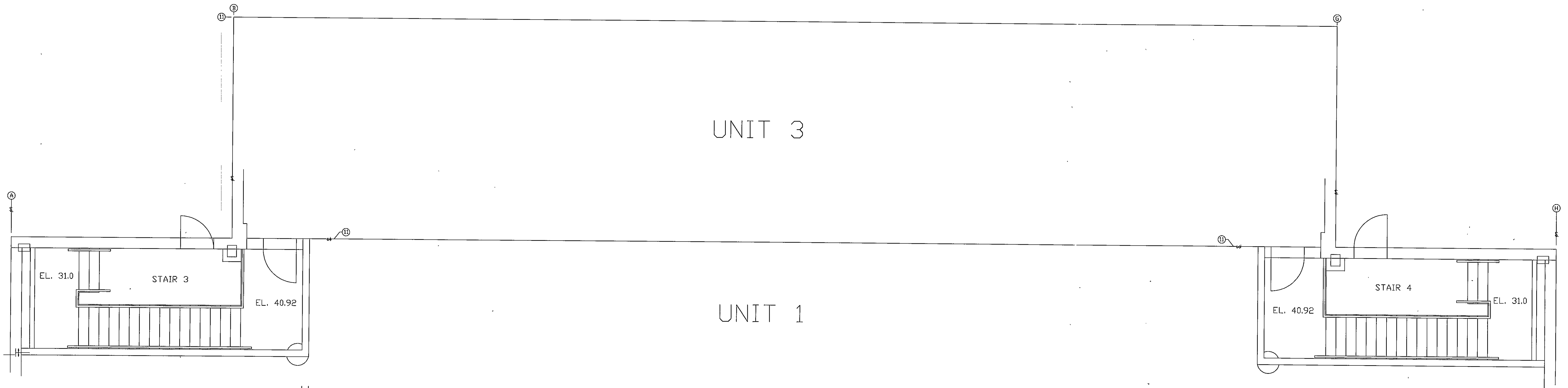


TYPICAL SECTION THROUGH SECOND FLOOR

| | | | |
|---|------------------------------------|----------------|--|
| <small>WARNING THIS DRAWING IS THE PROPERTY AND INSTRUMENT OF SHERIDAN CORPORATION FOR USE WITH THE PROJECT IDENTIFIED BELOW. NO MODIFICATIONS OR CHANGES MAY BE MADE TO THIS DRAWING AND NO USE MAY BE MADE OF THIS DRAWING WITHOUT THE EXPRESS WRITTEN PERMISSION OF SHERIDAN CORPORATION. ANY MODIFICATION, CHANGE OR USE OF THIS DRAWING WITHOUT THE EXPRESS WRITTEN PERMISSION OF SHERIDAN CORPORATION IS WRONGFUL AND IS AT THE USER'S RISK. SHERIDAN DISCLAIMS ANY AND ALL LIABILITY FOR SUCH USE.</small> | | | |
| DATE | REVISION | EST. NO | Engineering Designs For |
| | | SIZE | MAINE YACHT |
| | | TYPE | PORTLAND, MAINE |
| | | DRAWN BY RAJP | Title 40.92 UNIT 3 |
| | | APPROVED BY | |
| 26 JULY 04 | ISSUED FOR PERMIT AND CONSTRUCTION | SCALE NTS | DATE 26 JULY 04 |
| FILE NAME: \N\ROGER\2003\030017 Maine Yacht\STR3.dwg | | DESIGN BUILDER | |
| | | | JOB NO. 030017 ENGINEERING DWG. NO. STR3 |
| | | | FAIRFIELD PORTLAND MAINE |

UNIT 3

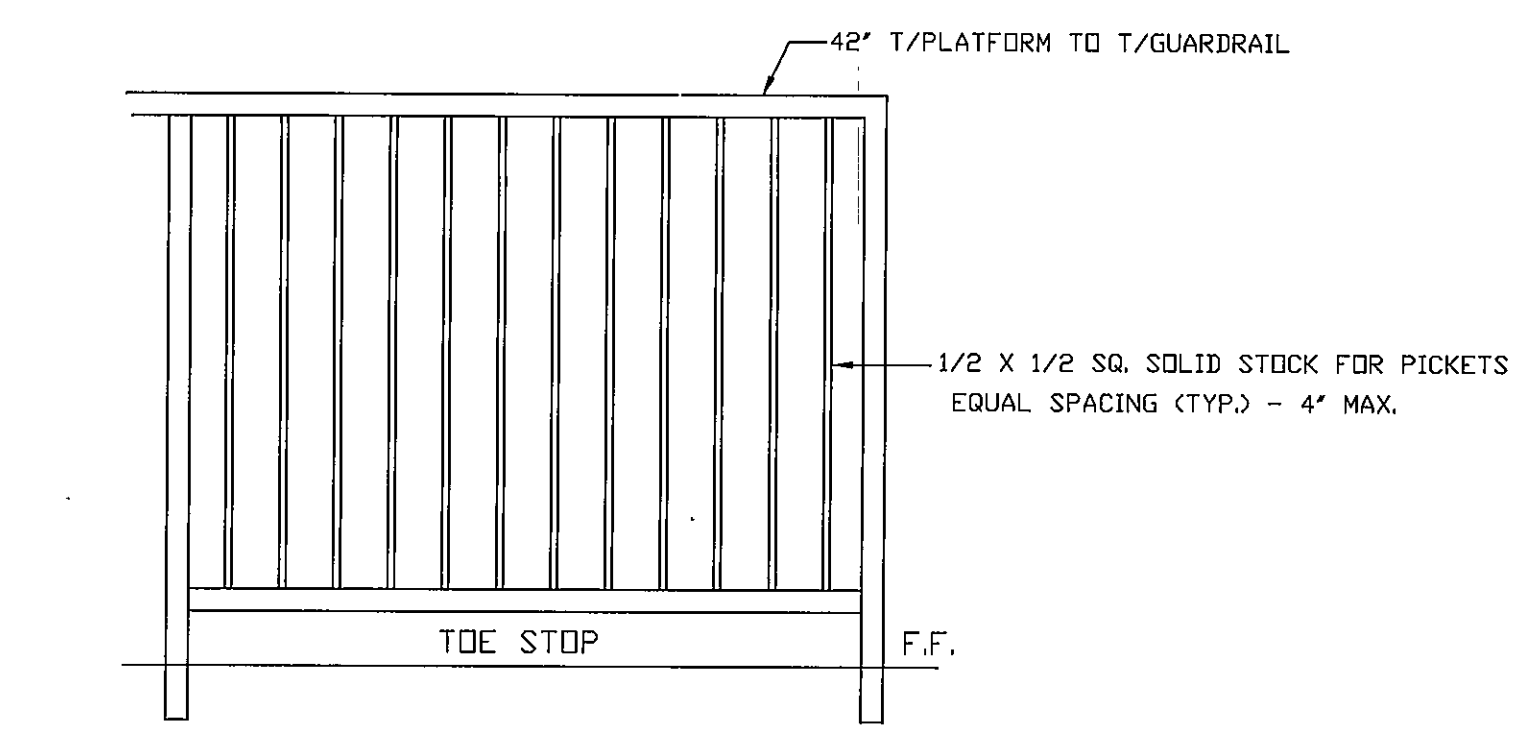
UNIT 1



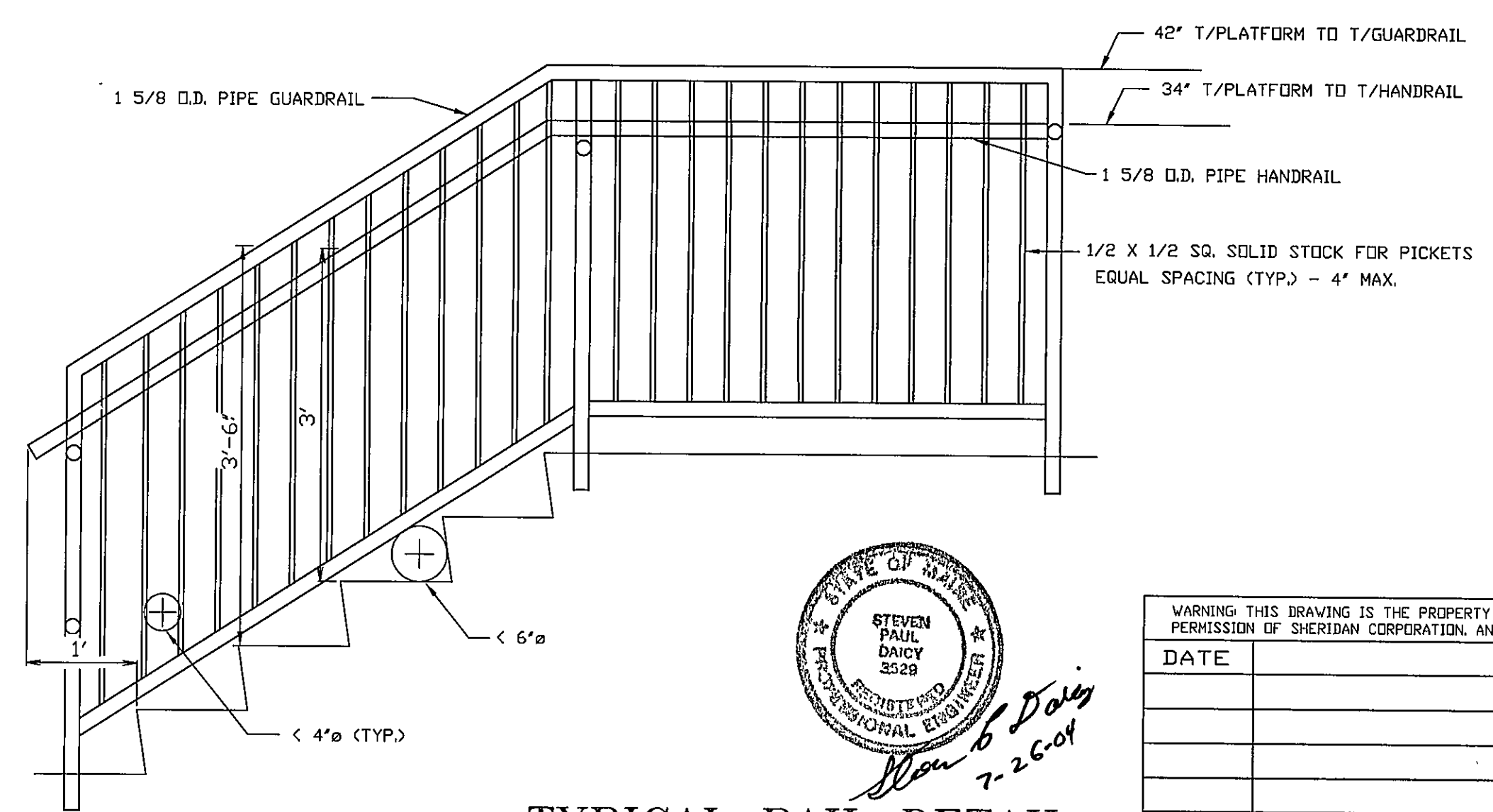
NOTE:
STAIRS 1 & 2
ARE SIMILIAR.

STAIR 3

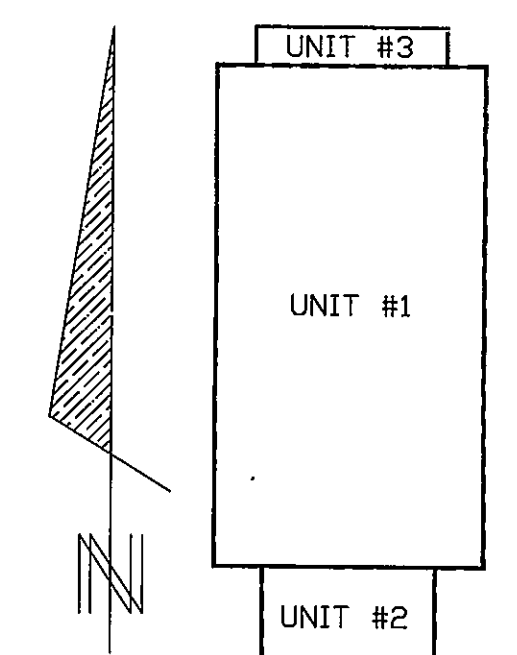
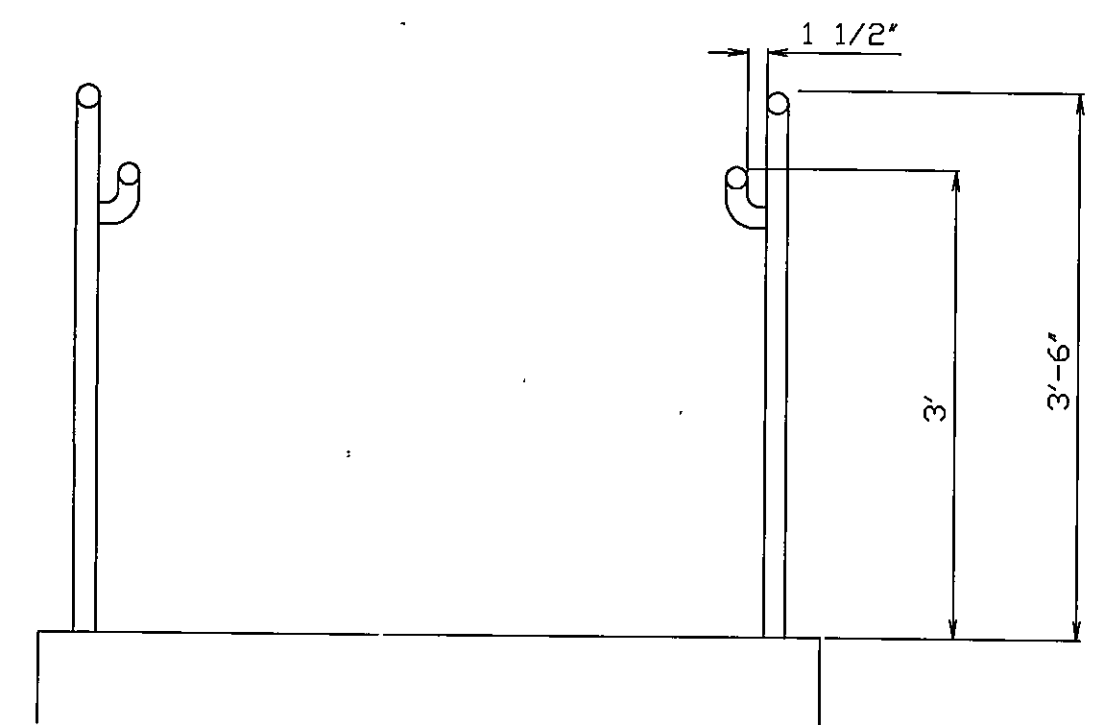
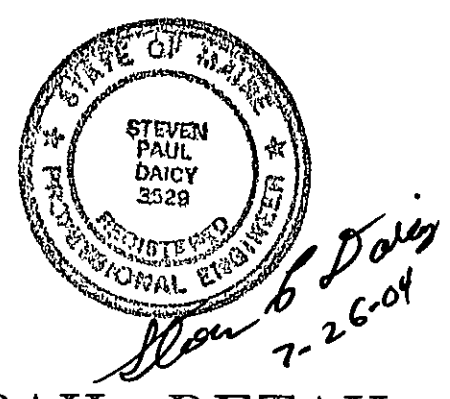
STAIR 4



TYPICAL GUARD RAIL DETAIL

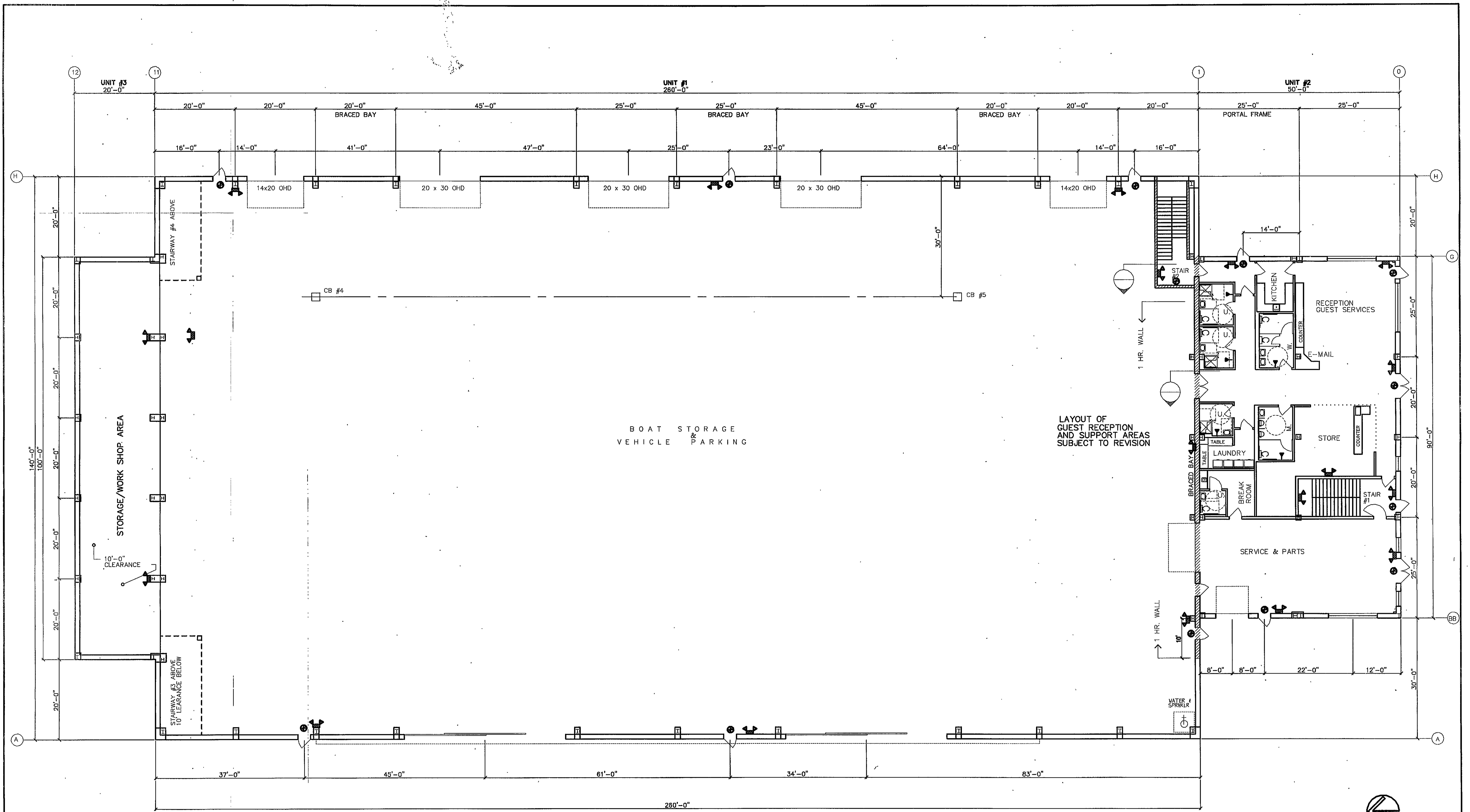


TYPICAL RAIL DETAIL



| | | | |
|--|------------------------------------|---|----------------------|
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| DATE | REVISION | EST. NO. | JOB NO. |
| | | SIZE | 030017 |
| | | TYPE | ENGINEERING DWG. NO. |
| | | DRAWN BY RAJP | STR4 |
| | | APPROVED BY | Title |
| | | SCALE NTS | UNIT 3 STAIR DETAILS |
| 26 JULY 04 | ISSUED FOR PERMIT AND CONSTRUCTION | DATE 26 JULY 04 | |
| FILE NAME: \N\ROGER\2003\030017 Maine Yacht\STR4.dwg | | <p>Engineering Designs For</p> <p>MAINE YACHT PORTLAND, MAINE</p> <p>UNIT 3 STAIR DETAILS</p> <p>DESIGN BUILDER</p> | |

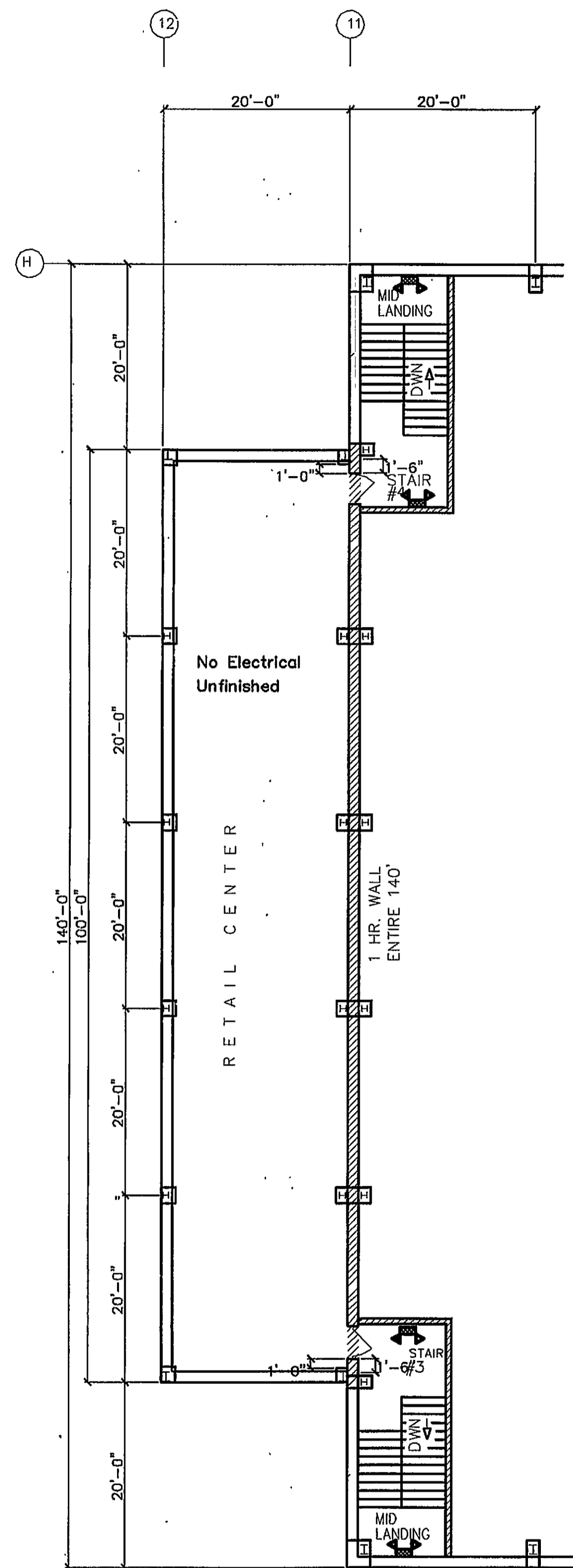




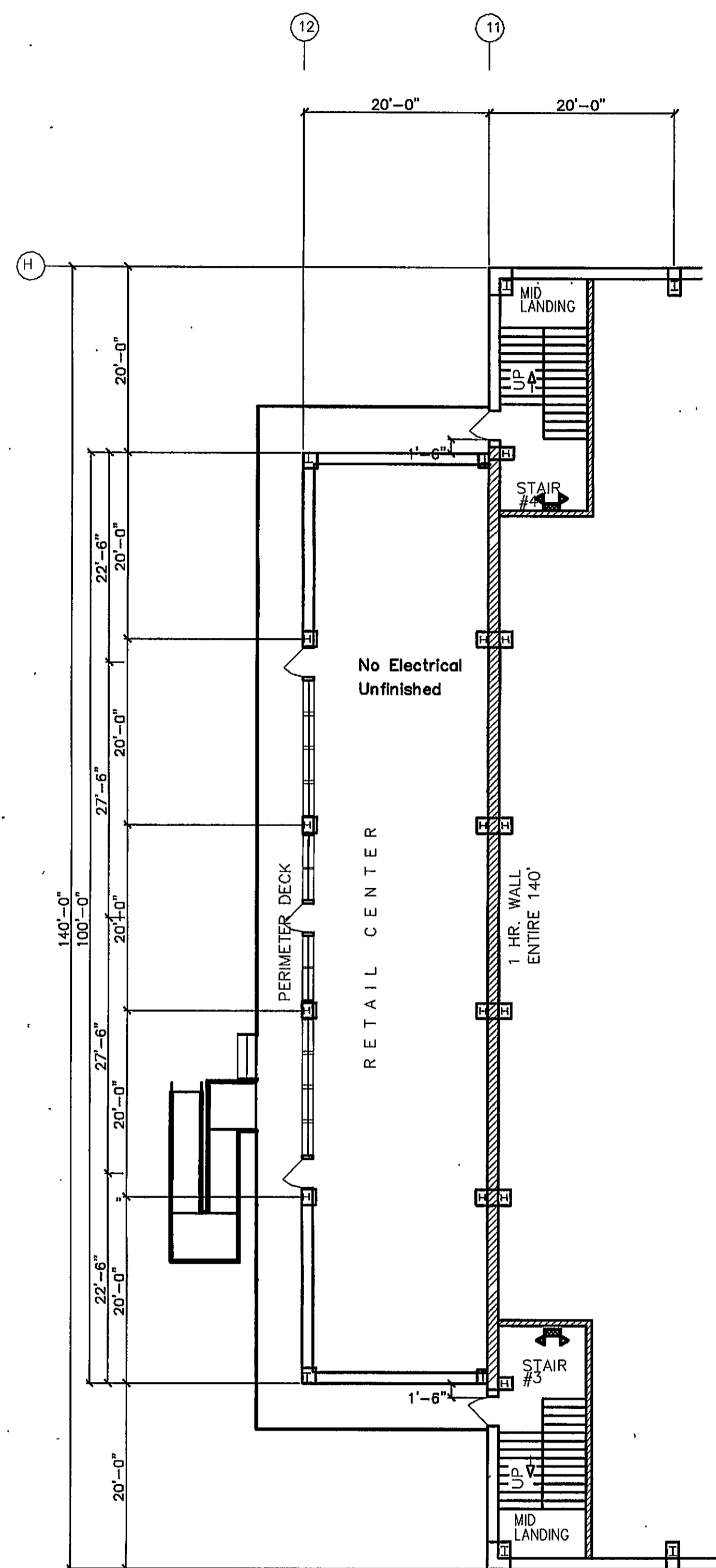
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- ▽ SINGLE HEAD EMERGENCY LIGHT
- ⚡ EMERGENCY LIGHT



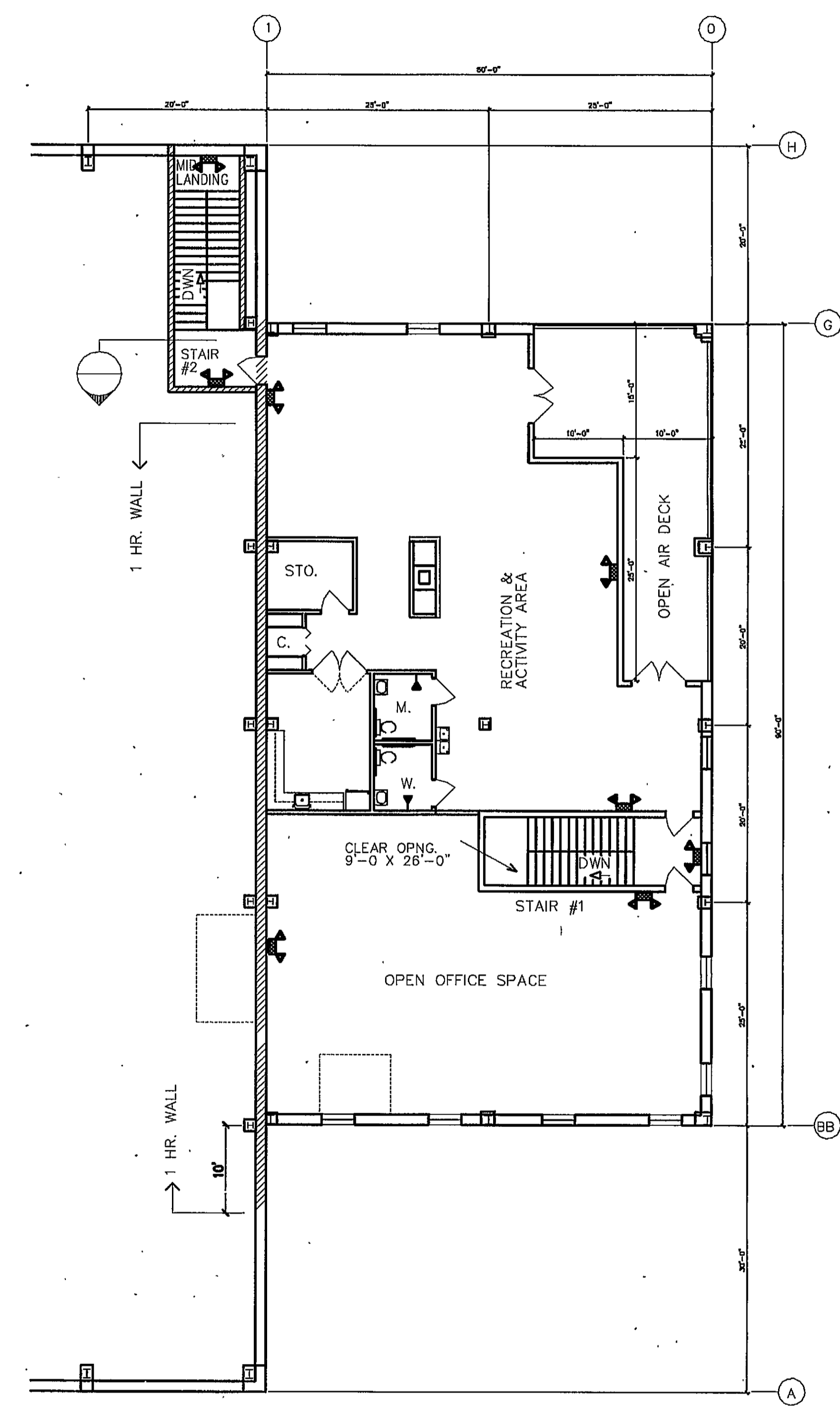
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| DATE | REVISION | EST. NO | 83406 |
| 7/13/04 | Emergency Lighting/Exit Electrical Systems of Maine Inc. | SIZE | |
| | | TYPE | |
| 6/25/04 | REVISE OFFICE SERVICE/STORE LAYOUT (version 9) | DRAWN BY | RS/SP |
| 6/21/04 | REVISED OHD LOCATIONS, STAIR #2, #3, & #4 | APPROVED BY | SPD |
| 4-1-04 | REV'D. FOR CONTRACT | SCALE | 3/32" = 1'-0" |
| | | DATE | 12/22/03 |
| <small>PROJECT NAME: MAINE YACHT CENTER G.T.V. NAME: PLAN</small> | | Engineering Design For MAINE YACHT CENTER PORTLAND, MAINE | |
| | | JOB NO. 030017 | |
| | | ENGINEERING DWG. NO. | |
| | | E I OF | |
| | | First Floor Plan | |
| | | | |
| | | | |
| | | FARFIELD PORTLAND MAINE | |



THIRD FLOOR RETAIL BUILDING



SECOND FLOOR RETAIL BUILDING

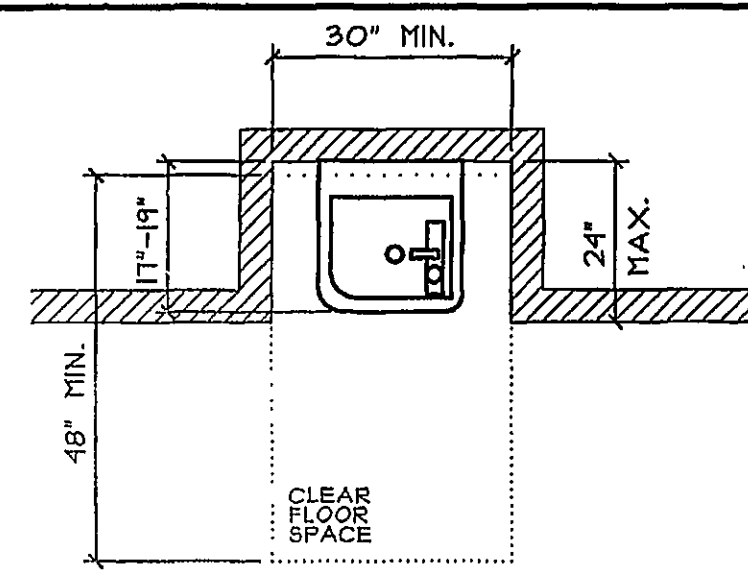


SECOND FLOOR OFFICE / SERVICE BUILDING

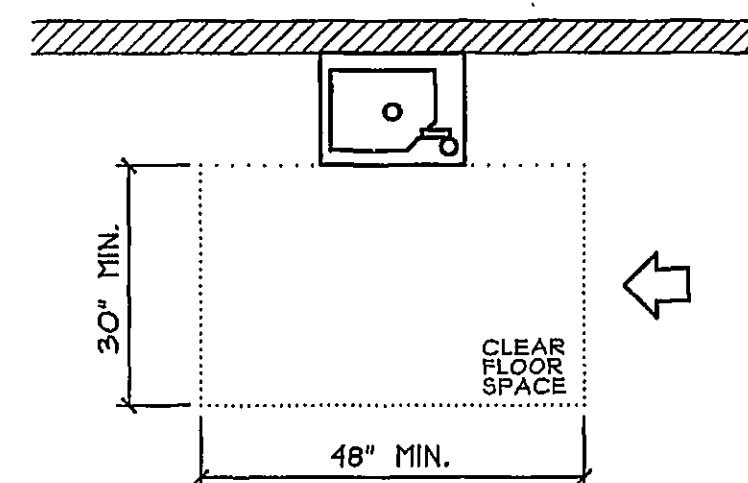
- ⊙ EXIT SIGN
- Y SINGLE HEAD EMERGENCY LIGHT
- ⬅ EMERGENCY LIGHT



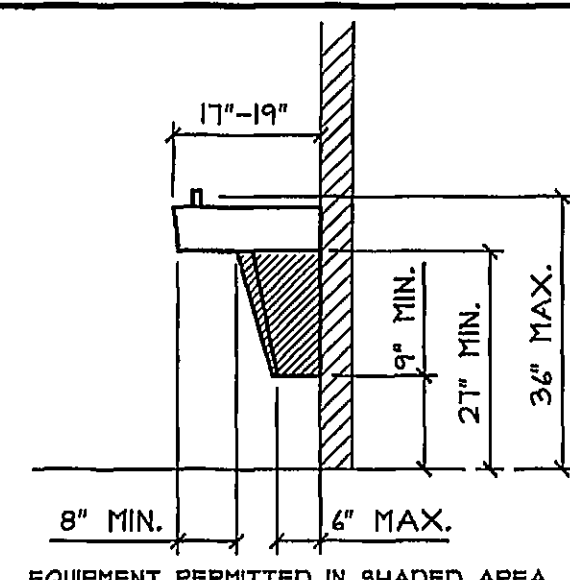
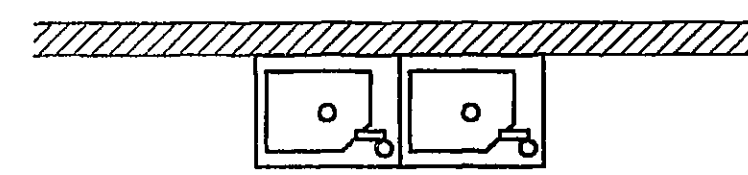
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|--|--|----------------------------------|---|-----------------------|------------------------------------|
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| DATE | REVISION | EST. NO | SIZE | TITLE | ENGINEERING DWG. NO. |
| 7/13/04 | Emergency Lighting/Exit Electrical Systems of Maine Inc. | 63406 | | | E2 |
| | | | | | OF |
| 6/22/04 | MINOR UPDATES & MOVE STAIR #2 (version 9) | | DRAWN BY RP/RS | SCALE 3/32" = 1'-0" | FAIRFIELD PORTLAND MAINE |
| 4-1-04 | REVIEWED FOR CONTRACT | | APPROVED BY SPD | DATE 12/22/03 | |
| <small>PLOT DATE: 7-13-2004 PLOT TIME: 9:14 AM PATH\NAME: N:\DCAD7\DWG\CYRS\ELE\208\208.DWG\NAME:PLAN</small> | | <small>G.T.V. NAME: PLAN</small> | | BUTLER DESIGN BUILDER | |



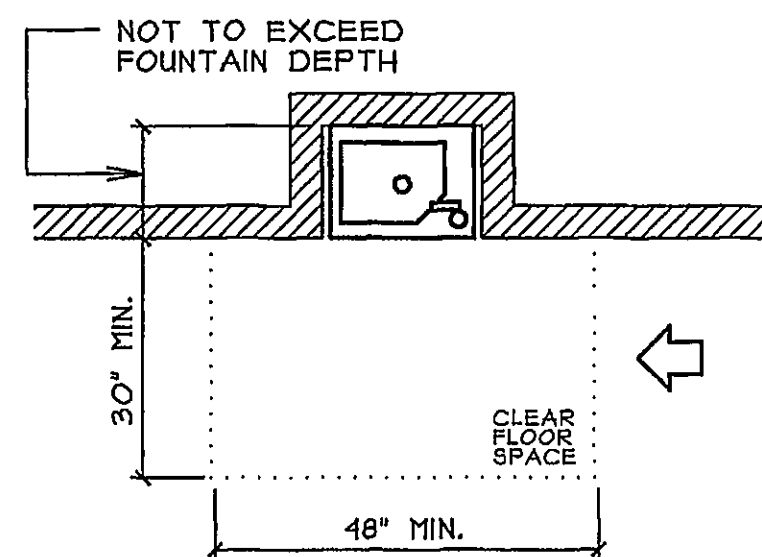
CLEAR FLOOR SPACE FOR WALL- OR POST-MOUNTED COOLERS



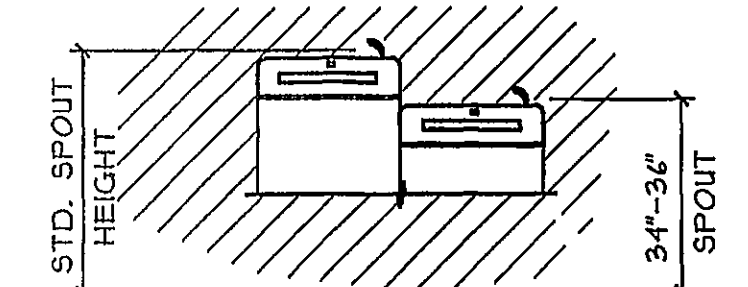
CLEAR FLOOR SPACE FOR FREE-STANDING COOLER



SPOUT HEIGHT & KNEE CLEARANCE

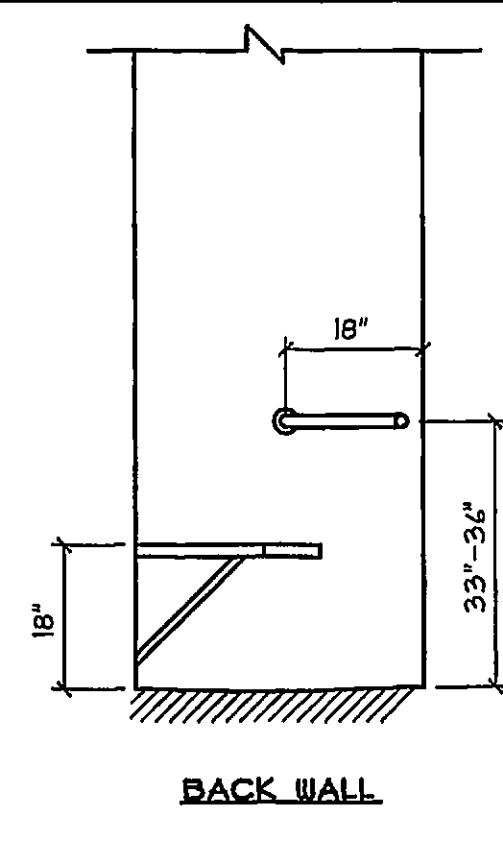
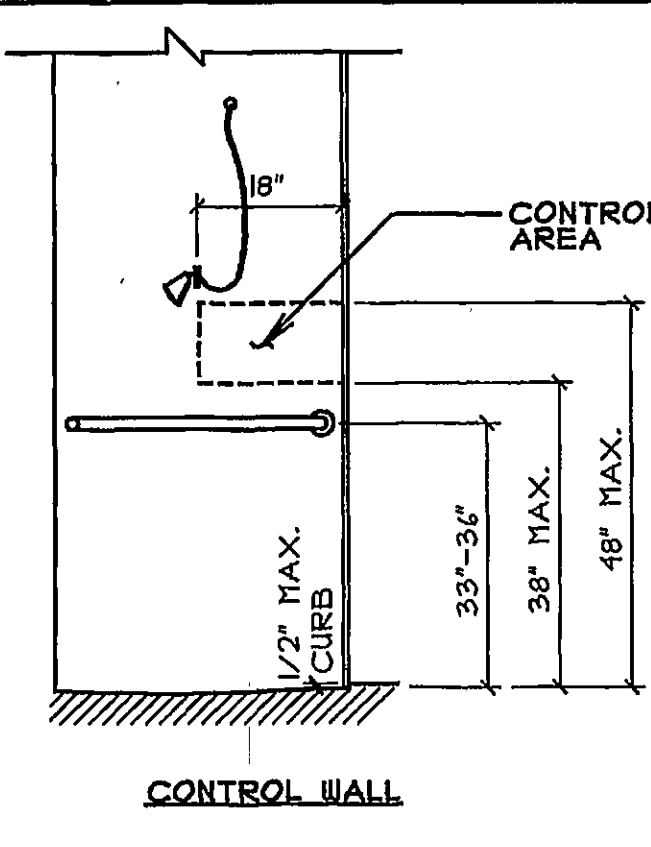
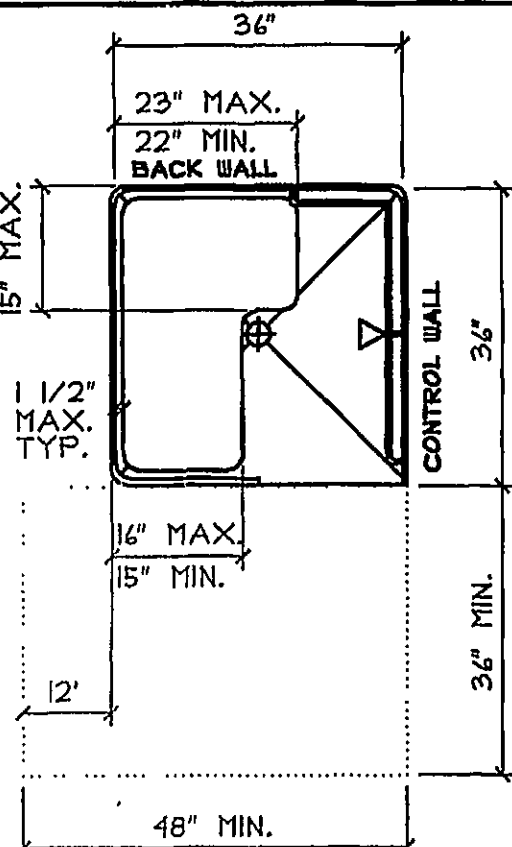


CLEAR FLOOR SPACE FOR BUILT-IN COOLER



WHERE ONLY ONE DRINKING FOUNTAIN IS PROVIDED ON A FLOOR A "HI-LO" FOUNTAIN (AS SHOWN) SHALL BE USED.

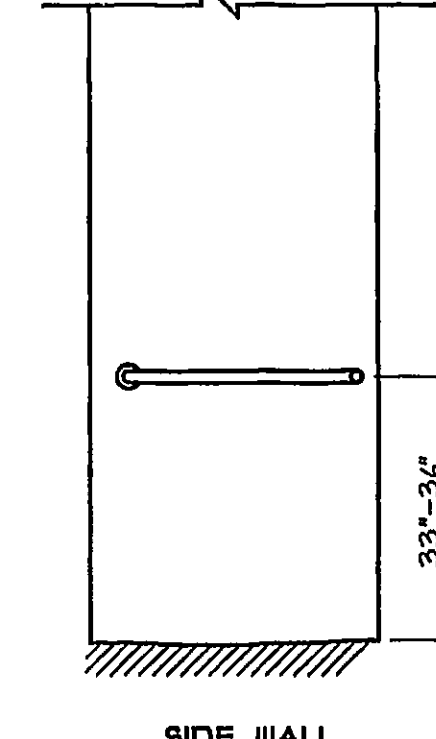
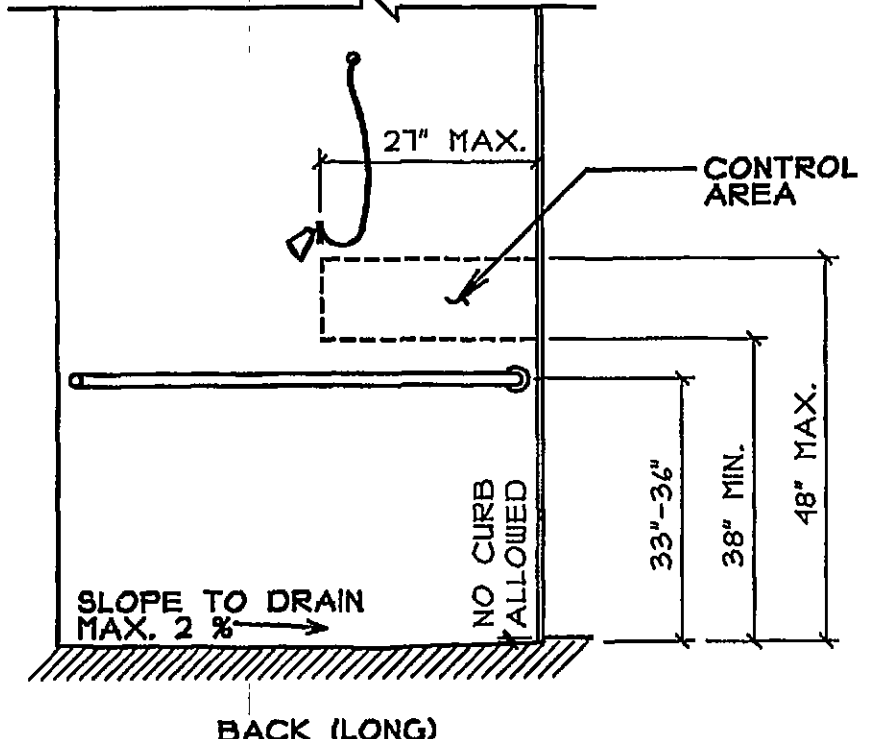
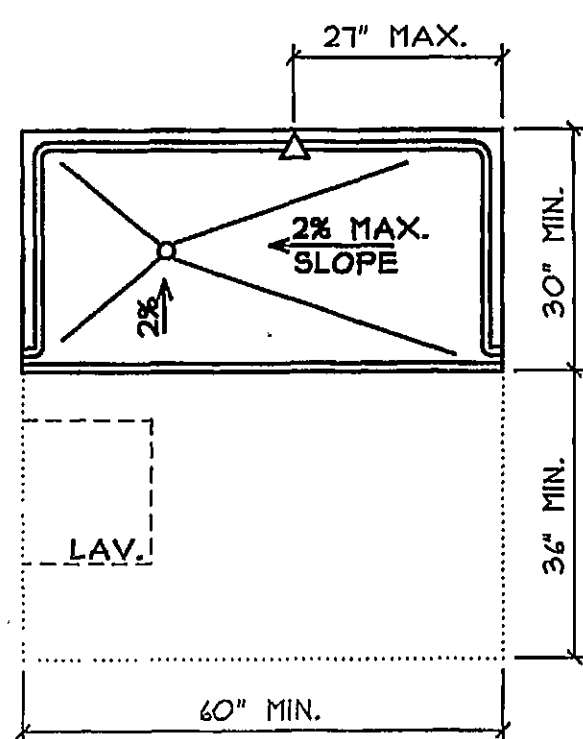
DRINKING FOUNTAINS AND WATER COOLERS (REFERENCE 4.1B) (REFERENCE 4.1J)



NOTE: ADDITIONAL 12\"/>

36\"/>

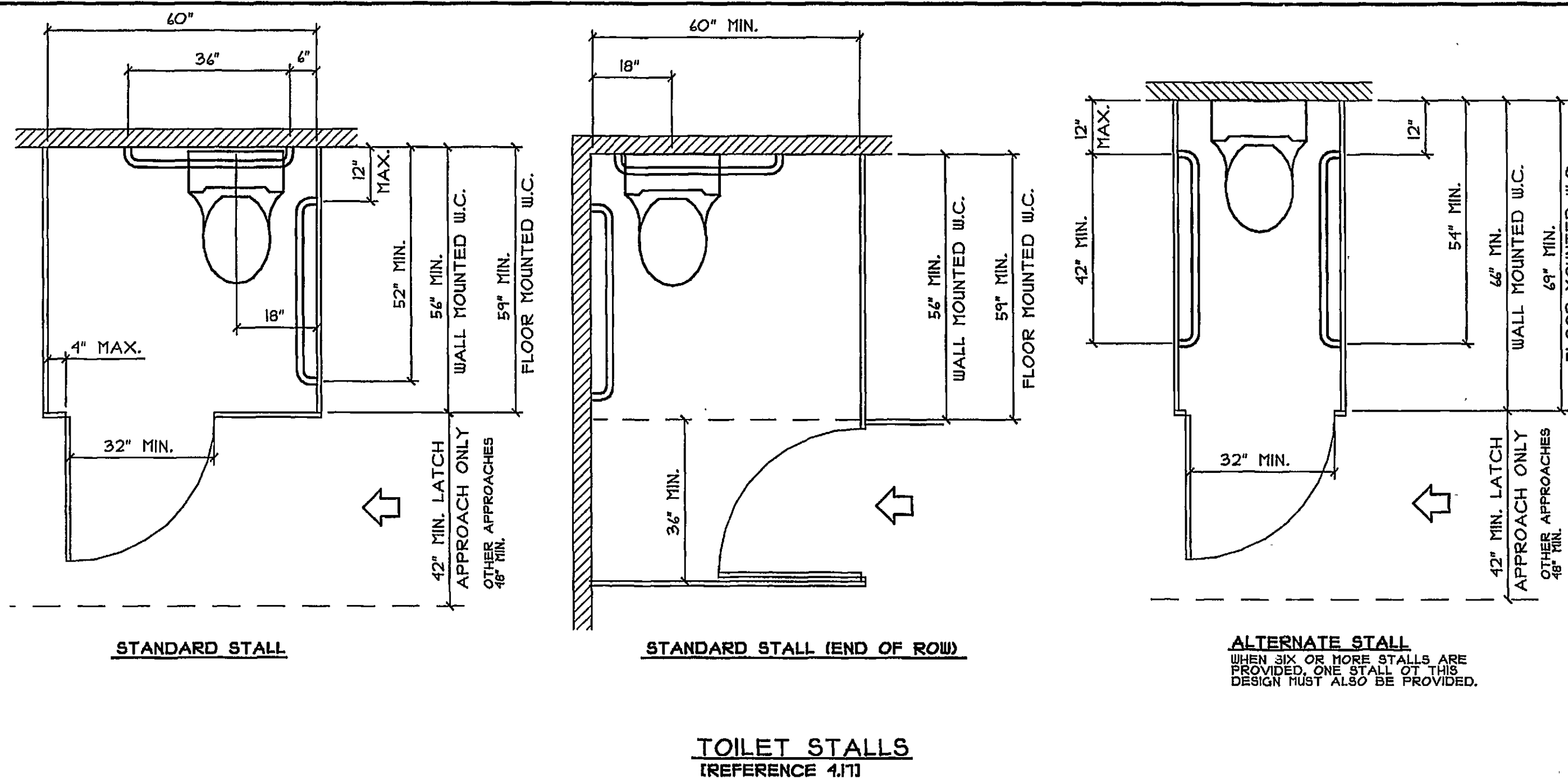
NOTE: BASE OF SHOWER UNIT SHALL BE RECESSED IN SUB-FLOOR TO ALLOW FOR A MAXIMUM CURB HEIGHT OF 1/2\"/>



30\"/>

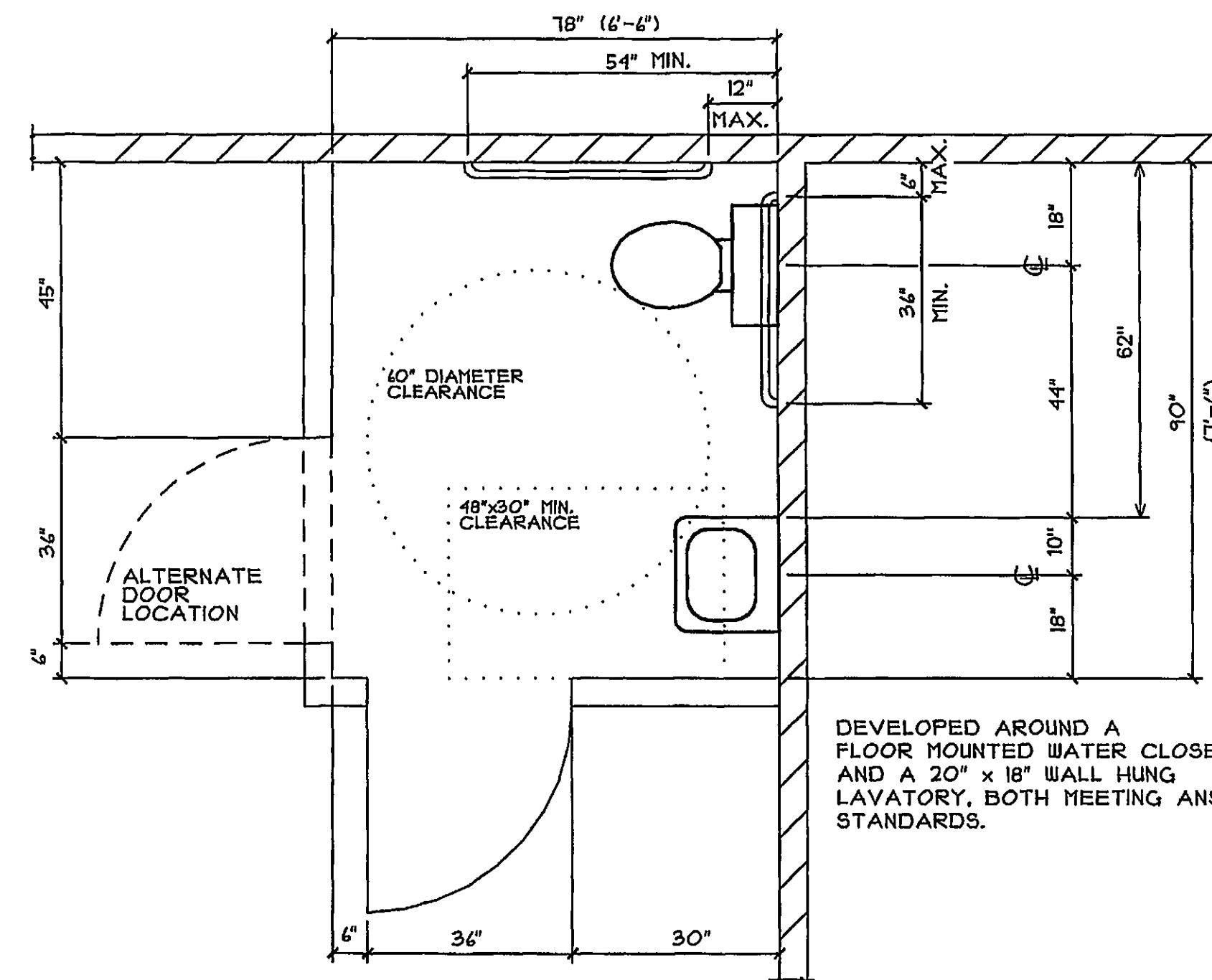
SHOWER STALLS (REFERENCE 4.2I)

NOTE: BASE OF SHOWER UNIT SHALL BE RECESSED IN SUB-FLOOR. NO CURB HEIGHT IS ALLOWED ABOVE FINISHED FLOOR.



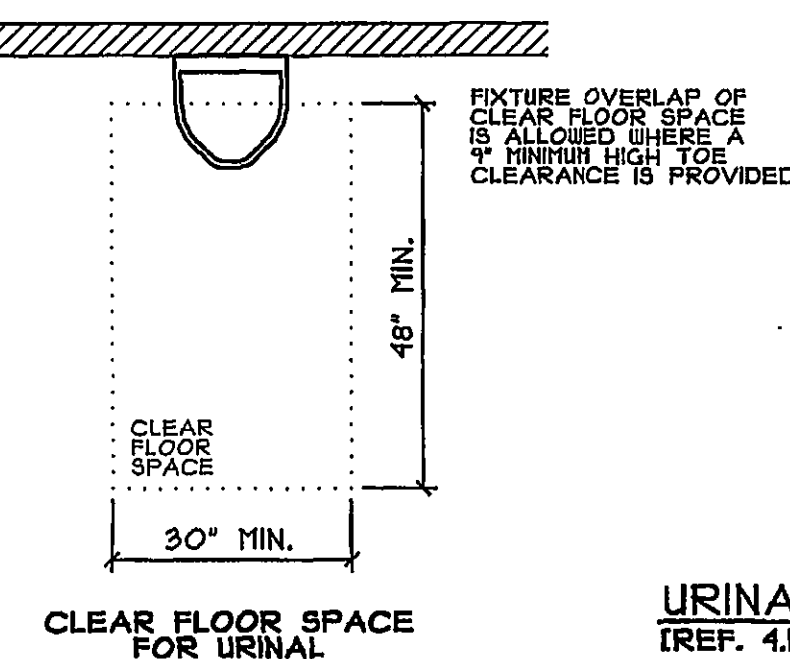
TOILET STALLS (REFERENCE 4.1I)

ALTERNATE STALL WHEN SIX OR MORE STALLS ARE PROVIDED, ONE STALL OF THIS DESIGN MUST ALSO BE PROVIDED.



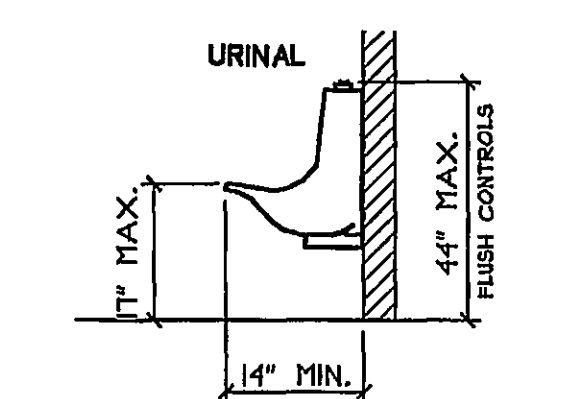
TYPICAL SINGLE USER REST ROOM LAYOUT

DEVELOPED AROUND A FLOOR MOUNTED WATER CLOSET AND A 20\"/>



CLEAR FLOOR SPACE FOR URINAL

URINALS (REF. 4.1B)



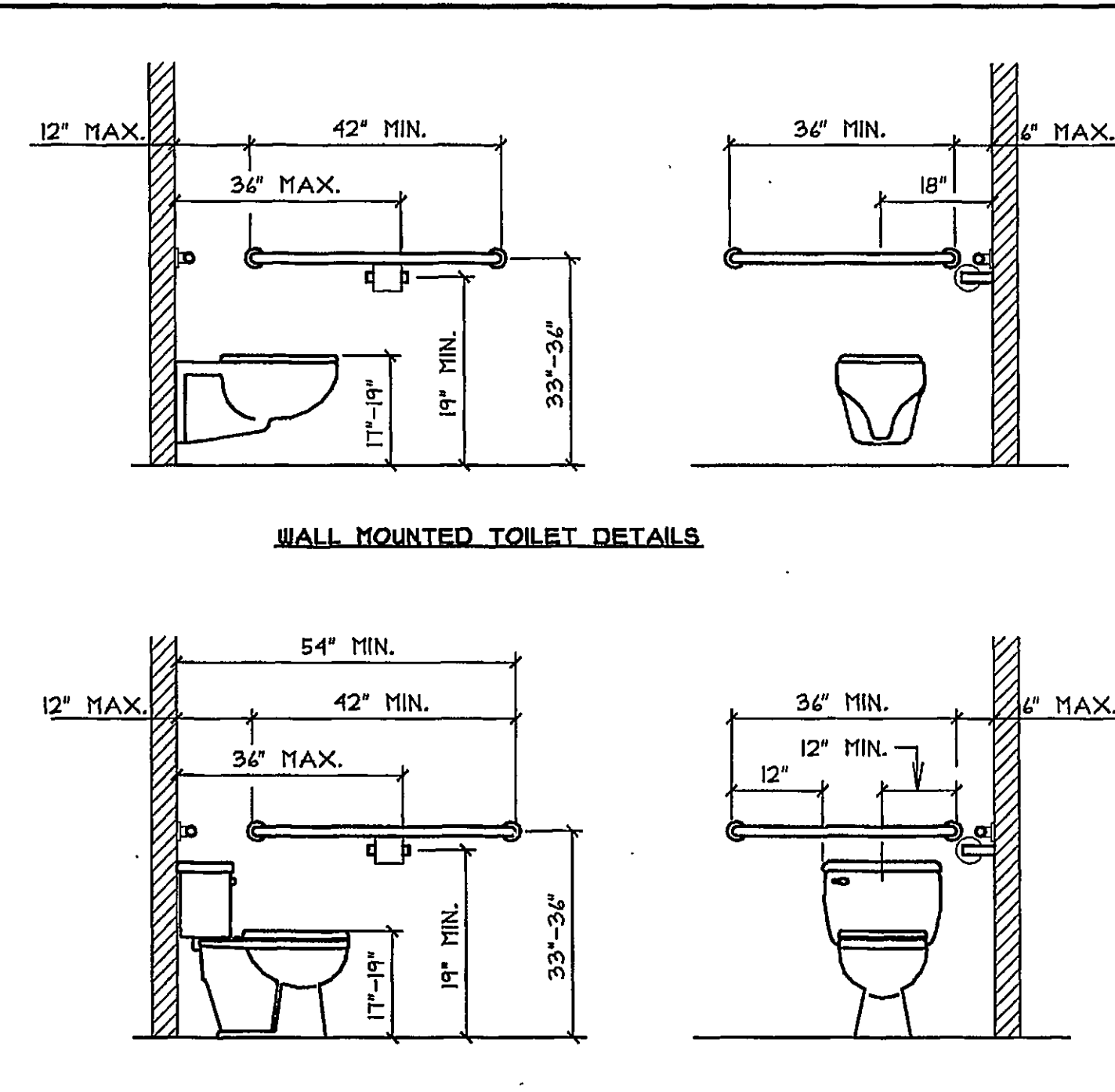
WALL-HUNG WITH ELONGATED RIM (USE OF A STALL TYPE IS ALSO ACCEPTABLE)

- NOTES:
- 1) THE STANDARDS SHOWN ON THIS SHEET PERTAIN TO THE REQUIREMENTS OF THE ADA ACCESSIBILITY GUIDELINES OF JULY 1999. FOR THE CONDITION SHOWN HEREIN, THEY COVER THE STANDARD CONDITIONS PRESENTED ON MOST PROJECTS. THESE PLANS ARE NOT MEANT TO COVER EVERY INDIVIDUAL CASE AND ROOM CONFIGURATION. SHOULD OTHER SPECIAL CONDITIONS OCCUR, CONSULT THE ENGINEERING DEPT'S ENGINEER OF RECORD FOR DETERMINATIONS BEFORE PROCEEDING WITH THE WORK.
 - 2) SEE CONTRACT DRAWINGS FOR SPECIFIC RESTROOM PLAN.
 - 3) REFERENCES LISTED REFER TO THE FEDERAL REGISTER, APPENDIX A TO PART 36-STANDARDS FOR ACCESSIBLE DESIGN.
 - 4) CHECK STATE LAW FOR ANY CONFLICTS. THE MORE RESTRICTIVE GUIDELINES MUST BE FOLLOWED.
 - 5) THE ABOVE DETAILS ARE ONLY A GUIDE, REFER TO THE APPROPRIATE CODES FOR COMPLETE REQUIREMENTS.

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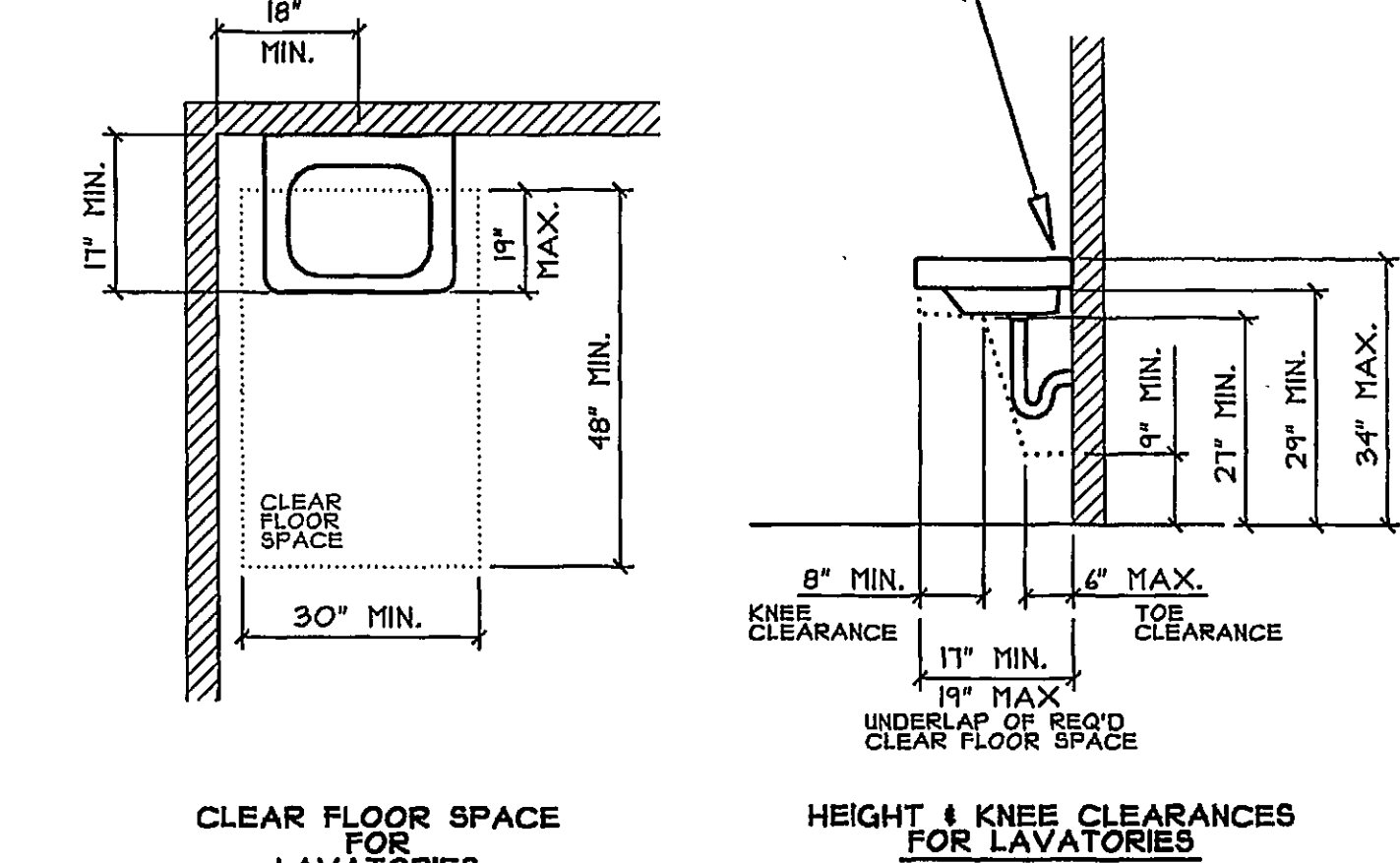
| DATE | REVISION | EST. NO. |
|------|----------|----------|
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DataCAD FILE NAME: G.T.V. NAME:

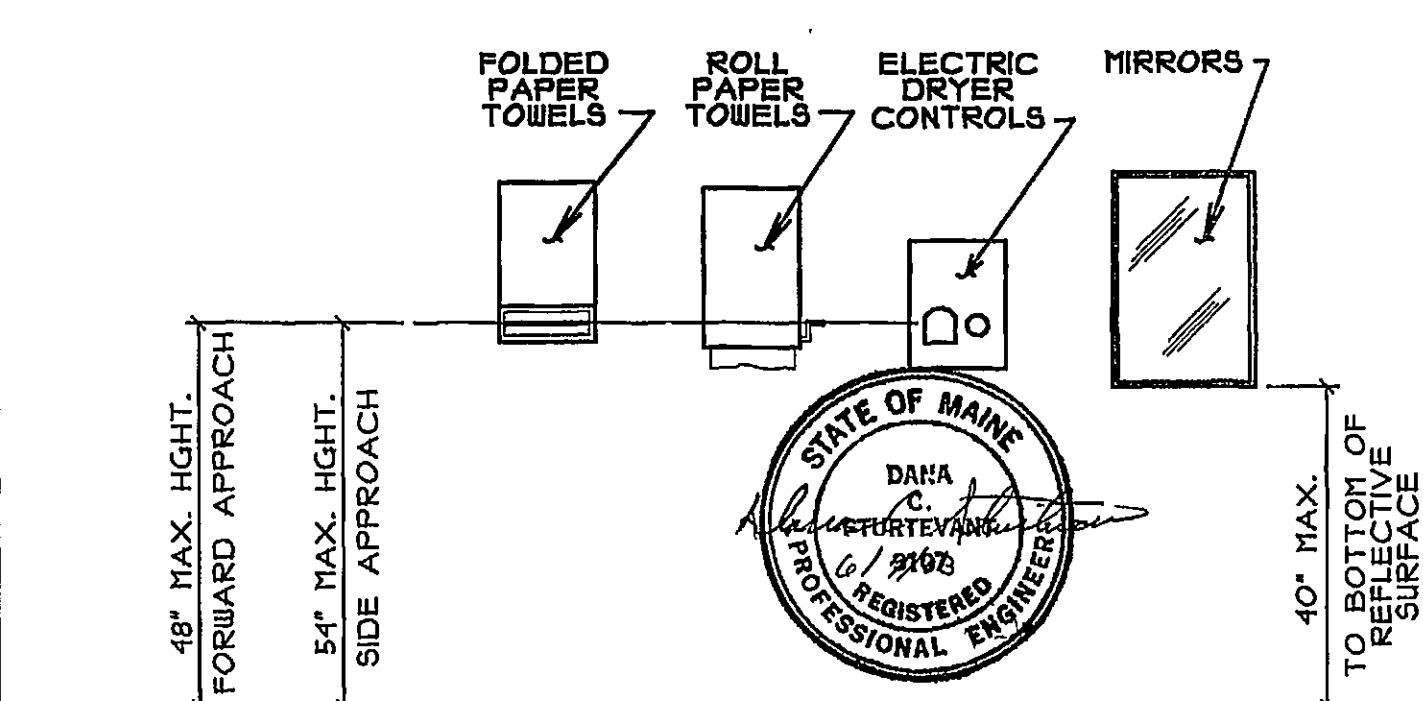


WATER CLOSETS (REF. 4.1K & 4.1L)

FAUCETS: SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. LEVER-OPERATED, PUSH-TYPE AND ELECTRONICALLY CONTROLLED MECHANISMS ARE EXAMPLES OF ACCEPTABLE DESIGNS. (REFERENCE 4.19.5 AND 4.21.4)



LAVATORIES (REF. 4.19)




RESTROOM ACCESSORIES (REFERENCE 4.19.4 & 4.21.3)

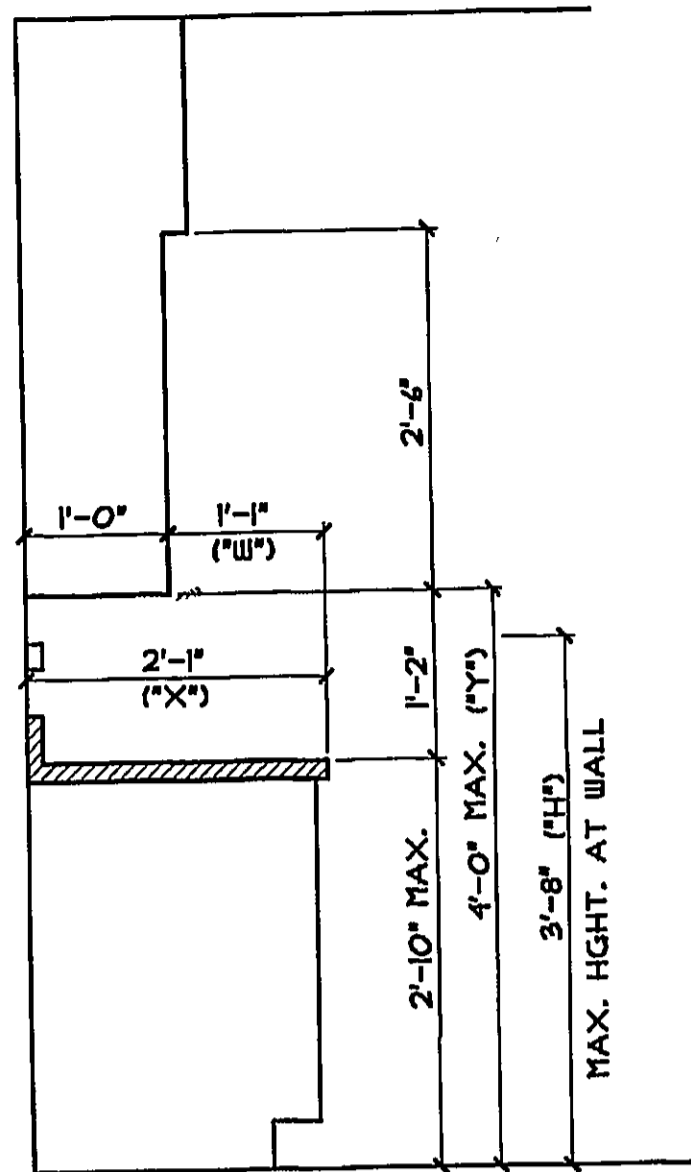
Engineering Designs For AMERICANS W/ DISABILITIES ACT (ADA) GUIDELINES REFERENCE ADAAG MAJUNAL, JULY 1998 28 CFR PART 36, REV. JULY 1, 1994 ADA STANDARDS FOR ACCESSIBLE DESIGN APPLICABLE FOR PUBLIC AND COMMERCIAL FACILITIES

| | | | |
|--------|----------|---|------------|
| DATE | DESIGNER | TITLE | JOB NO. |
| 6/2/03 | NTS | REST ROOM FIXTURE PLACEMENT and REQUIRED CLEARANCES | ADA-1 OF 3 |

Butler DESIGN BUILDER



Fairfield Portland MAINE



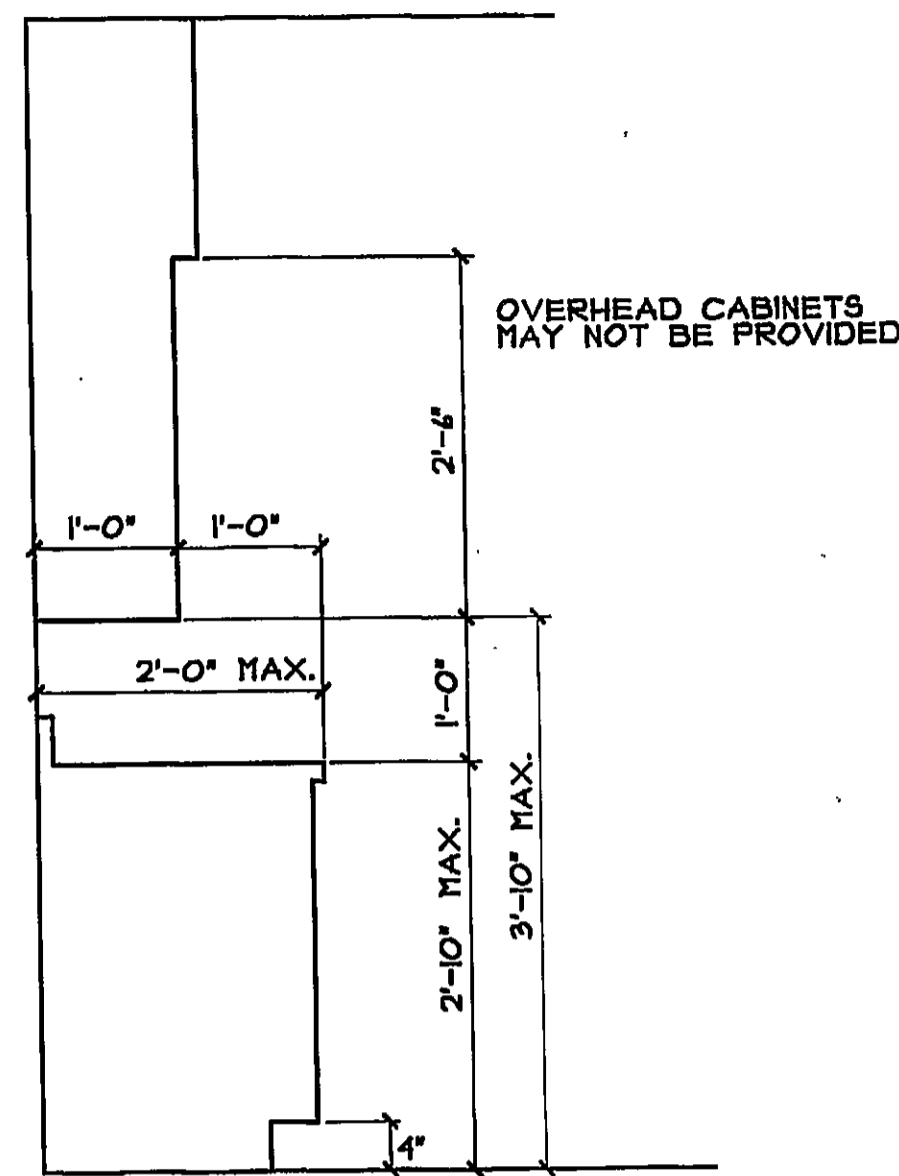
SIDE REACH:

IF "X" IS LESS THAN OR EQUAL TO 24"
 "Y" CAN BE LESS THAN OR EQUAL TO 46"
 IF "Z" IS LESS THAN OR EQUAL TO 10"
 "Y" CAN BE LESS THAN OR EQUAL TO 54"

FORWARD REACH:

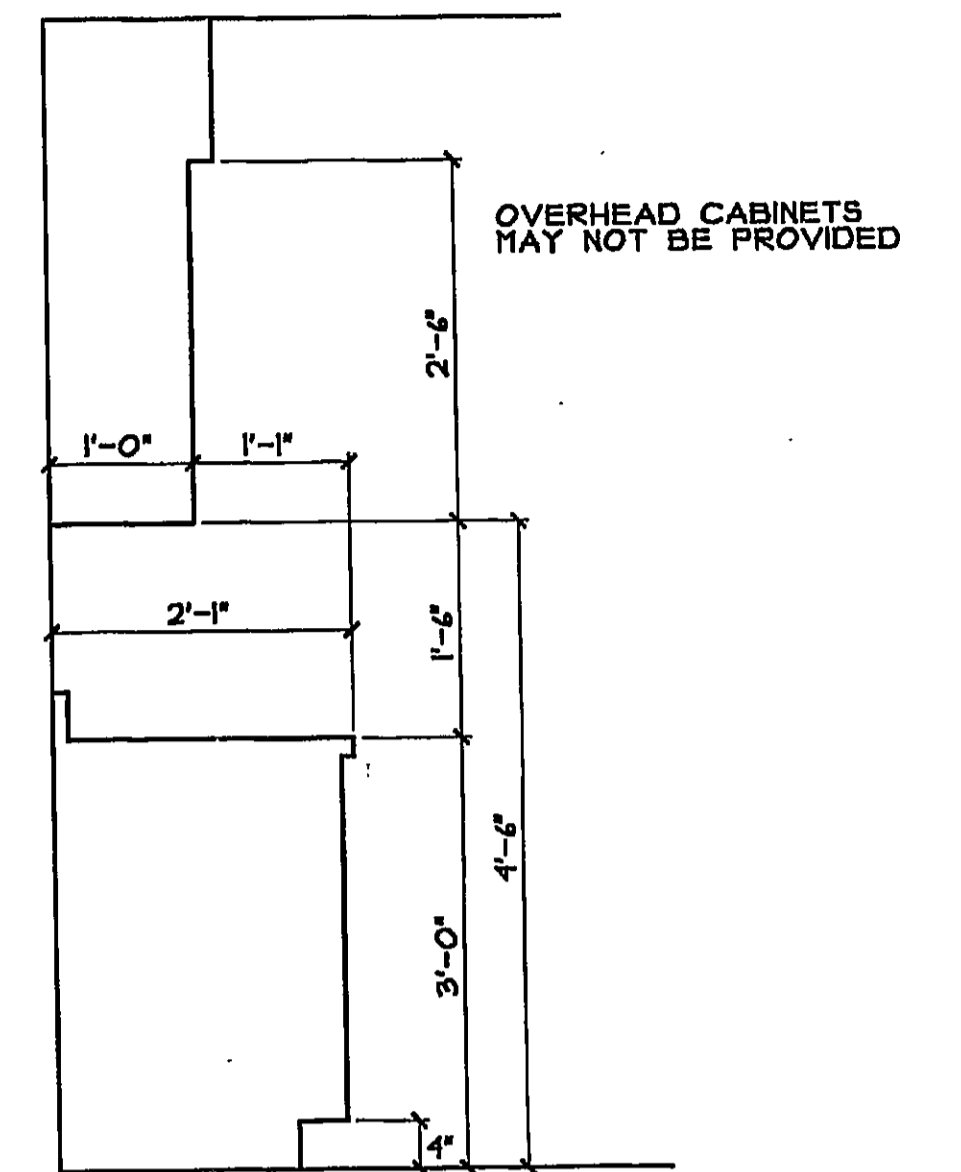
IF "X" IS 20" TO 25" THAN "Y" AND "H"
 SHALL BE 44" OR LESS.
 IF "X" OR "Z" IS LESS THAN 20" THAN
 "Y" SHALL BE 48" OR LESS.

**GUIDE FOR DETERMINING OTHER
 COUNTER/CABINET CONFIGURATIONS**

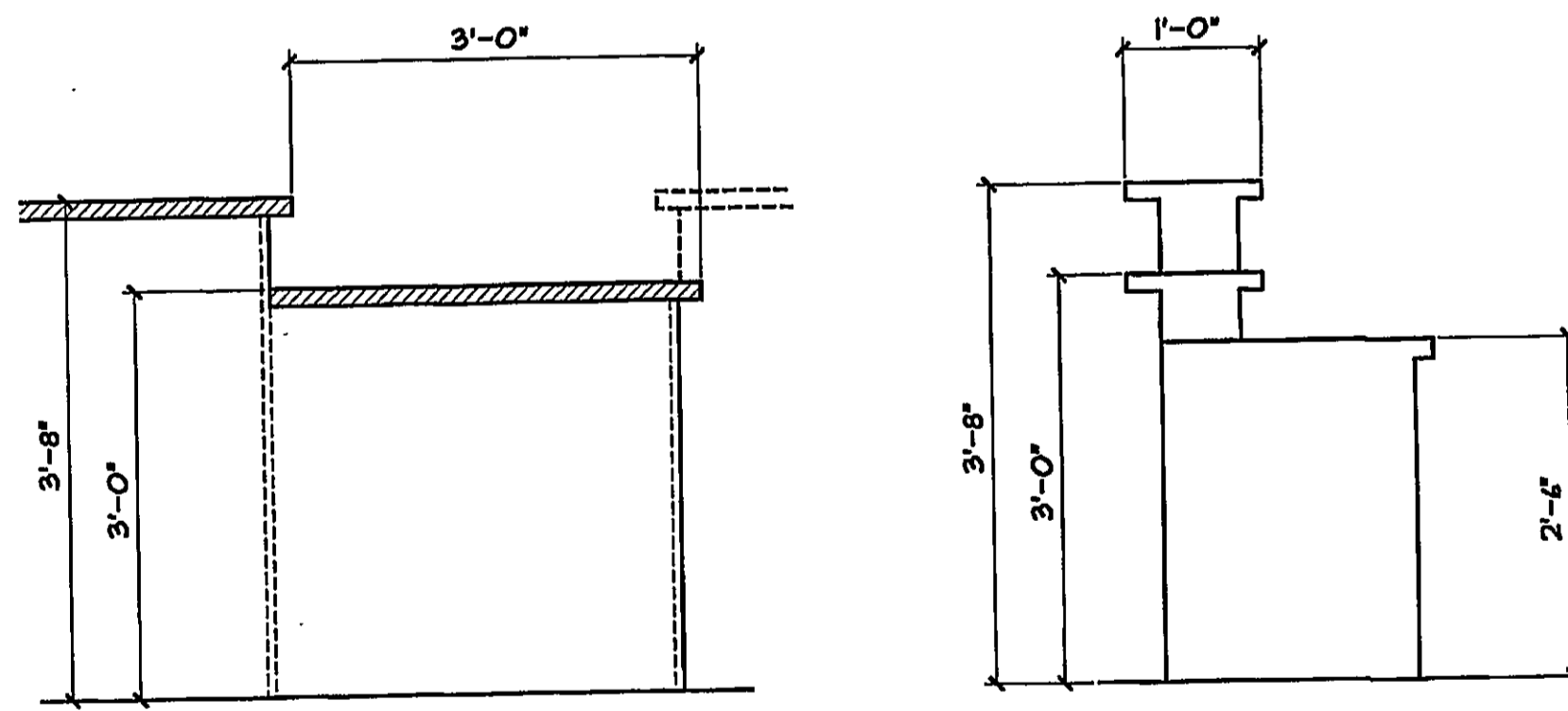


ACCESSIBLE - SIDE REACH ONLY

LOWERED SECTION FOR ACCESSIBILITY
 MAY BE PROVIDED WITHIN LENGTH OF
 COUNTER OR AT END OF COUNTER
 ACCORDING TO SPECIFIC APPLICATION



STANDARD COUNTER SECTION

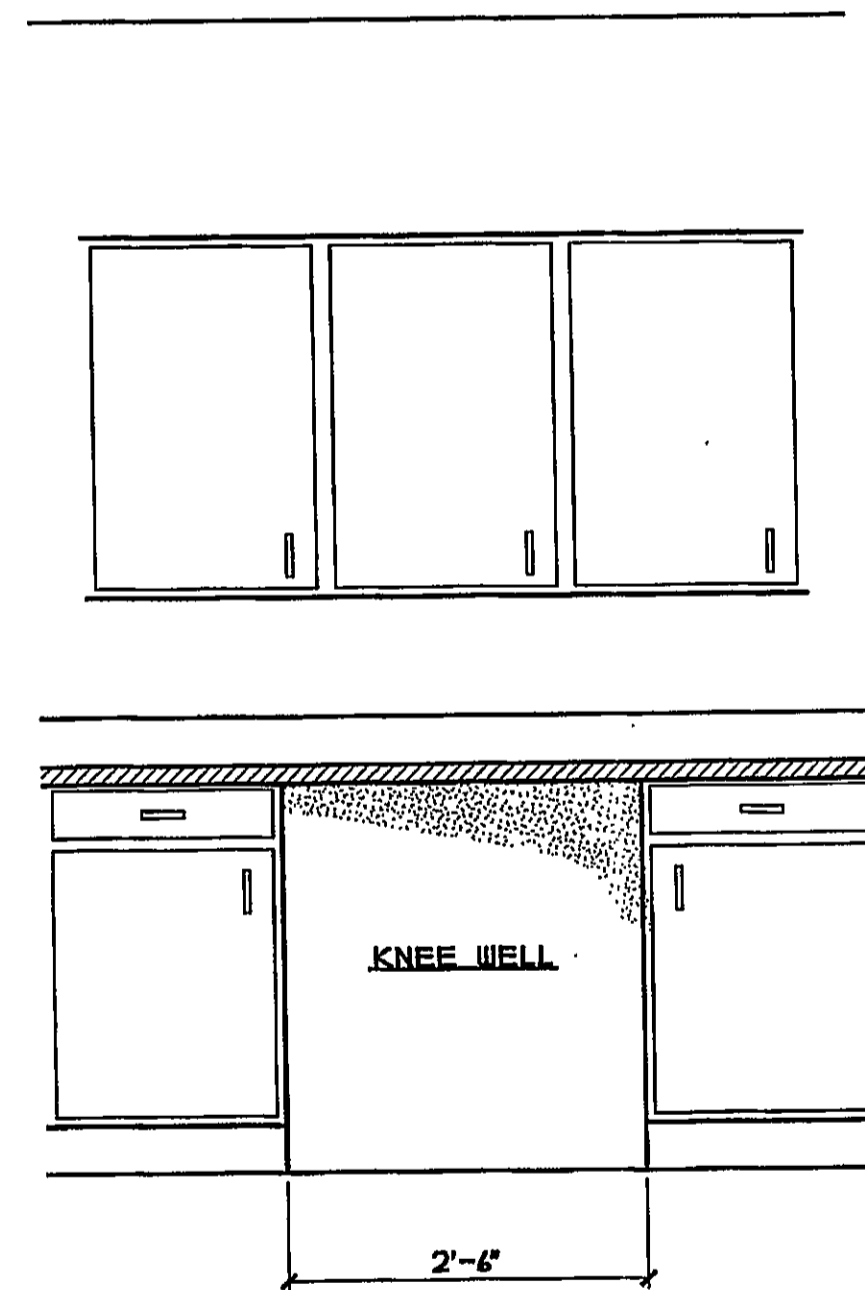


**ACCESSIBLE PORTION
 ELEVATION**

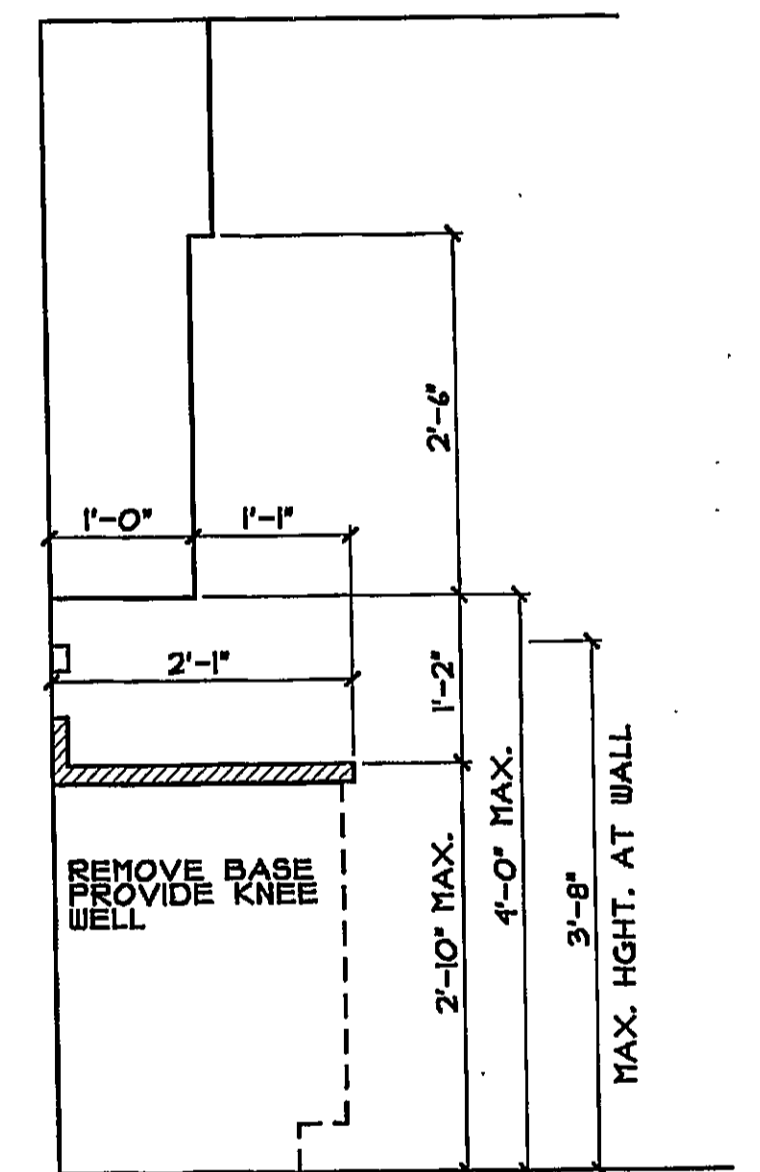
**ACCESSIBLE PORTION
 SECTION**

LOWERED SECTION FOR ACCESSIBILITY
 MAY BE PROVIDED WITHIN LENGTH OF
 COUNTER OR AT END OF COUNTER
 ACCORDING TO SPECIFIC APPLICATION

RECEPTION/INFORMATION COUNTER



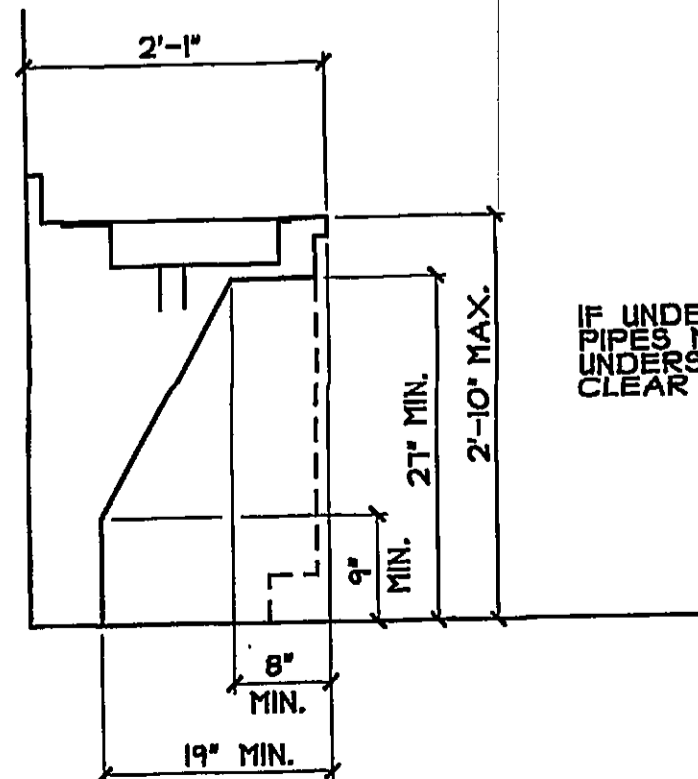
ACCESSIBLE - FORWARD REACH



ACCESSIBLE - FORWARD REACH

LOWERED SECTION FOR ACCESSIBILITY
 MAY BE PROVIDED WITHIN LENGTH OF
 COUNTER OR AT END OF COUNTER
 ACCORDING TO SPECIFIC APPLICATION

EMPLOYEE KITCHENETTE/LUNCHROOM COUNTER



IF UNDER SINK IS NOT ENCLOSED
 PIPES MUST BE WRAPPED AND
 UNDERSIDE OF SINK MUST BE
 CLEAR OF SHARP SURFACES.

ACCESSIBLE SINK IN COUNTER

NOTES:

- 1) THE STANDARDS SHOWN ON THIS SHEET PERTAIN TO THE REQUIREMENTS OF THE ADA ACCESSIBILITY GUIDELINES OF JULY 1999. FOR THE CONDITION SHOWN HEREIN, THEY COVER THE STANDARD FOR THE CONDITION PRESENTED ON MOST PROJECTS. THESE PLANS ARE NOT MEANT TO COVER EVERY INDIVIDUAL CASE AND ROOM CONFIGURATION. SHOULD OTHER SPECIAL CONDITIONS OCCUR, CONSULT THE ENGINEERING DEPT'S ENGINEER OF RECORD FOR DETERMINATIONS BEFORE PROCEEDING WITH THE WORK.
- 2) SEE CONTRACT DRAWINGS FOR SPECIFIC RESTROOM PLAN.
- 3) REFERENCES LISTED REFER TO THE FEDERAL REGISTER, APPENDIX A TO PART 36-STANDARDS FOR ACCESSIBLE DESIGN.
- 4) CHECK STATE LAW FOR ANY CONFLICTS. THE MORE RESTRICTIVE GUIDELINES MUST BE FOLLOWED.
- 5) THE ABOVE DETAILS ARE ONLY A GUIDE, REFER TO THE APPROPRIATE CODES FOR COMPLETE REQUIREMENTS.

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| DATE | REVISION | EST. NO | TITLE |
|------|----------|-----------------|-----------------------|
| | | SIZE | COUNTERS AND CABINETS |
| | | TYPE | |
| | | DRAWN BY RS | |
| | | APPROVED BY DCS | |
| | | SCALE NTS | |
| | | DATE 6/2/03 | |

Engineering Designs For
AMERICANS W/ DISABILITIES ACT (ADA) GUIDELINES
 REFERENCE ADAAG MANUAL, JULY 1998
 28 CFR PART 36, REV. JULY 1, 1994
 ADA STANDARDS FOR ACCESSIBLE DESIGN
 APPLICABLE FOR PUBLIC AND COMMERCIAL FACILITIES

JOB NO.
 ENGINEERING
 DWG. NO.
ADA-3
 OF
3



DATA DESIGN BUILDER