

The Senior Village

Dayton, Ohio

100% Construction Documents - June 24, 2002

Dayton View Associates Ltd.

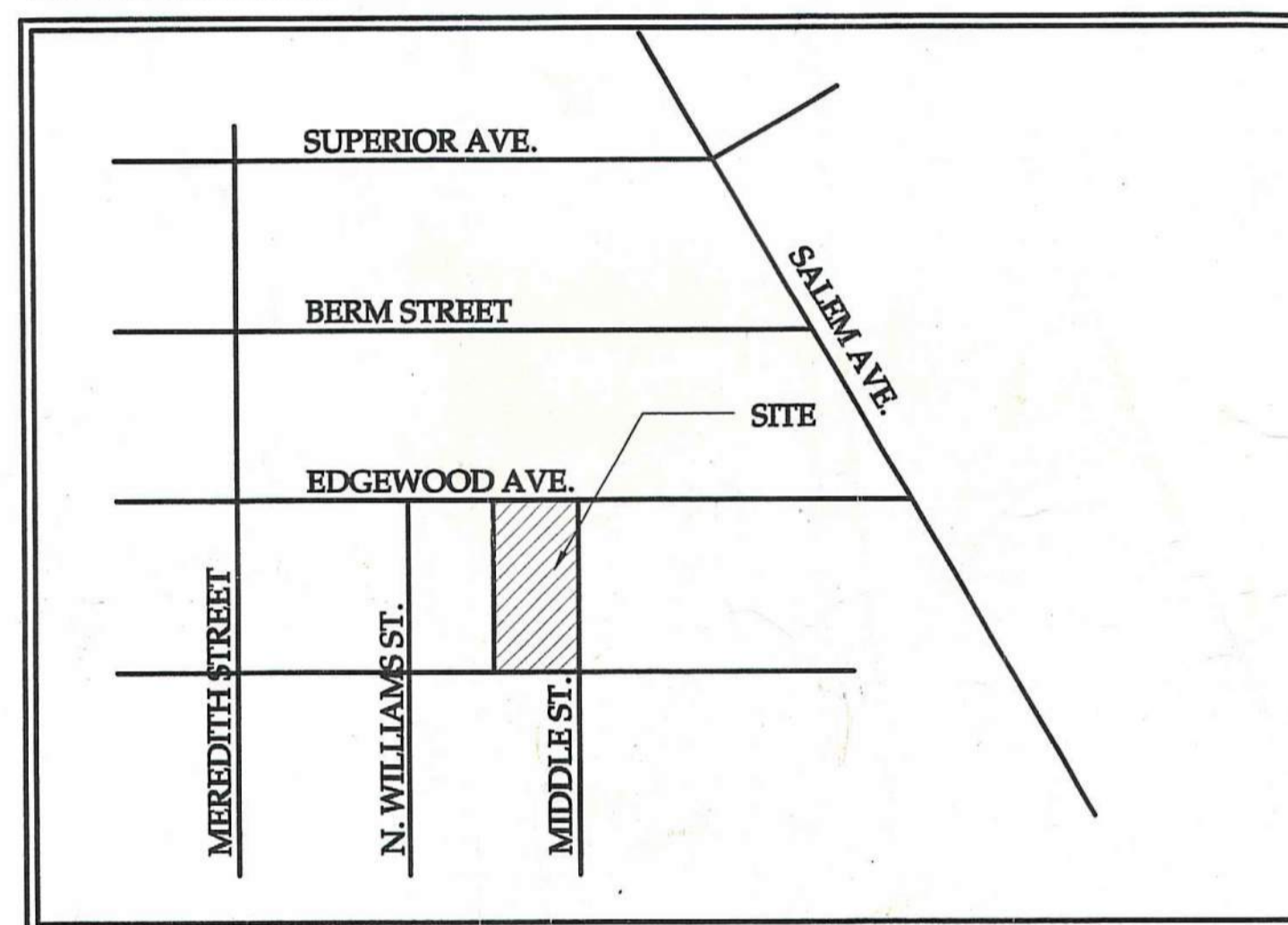
Client:
Dayton View Associates Ltd.
 4324 Webster St. Dayton OH 45414
 937-278-0851 fax: 937-278-6334

Architect:
Domenech Hicks & Krockmalnic
 155 Mass Ave. Boston, MA 02115
 617-267-6408 fax: 617-267-1990

MEP Engineers:
Contech Design Inc.
 519 Windsor Park Dr. Centerville, OH 45459
 937-435-3722 fax: 937-435-4685

Structural Engineers:
Weidinger Associates Inc.
 1 Broadway Cambridge, MA 01142
 617-374-0000 fax: 617-374-0010

Location Plan



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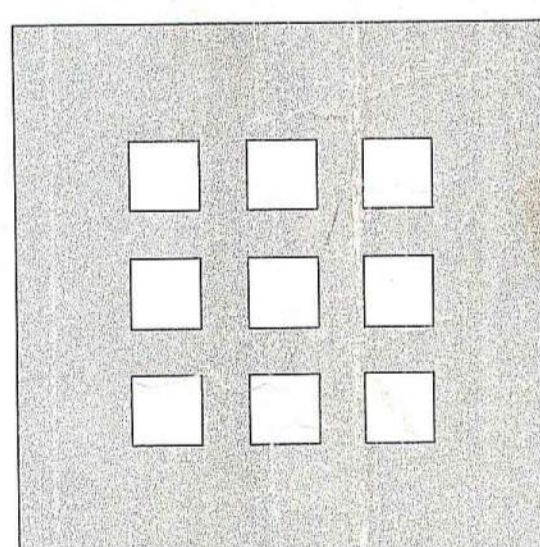
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STRUCTURAL:

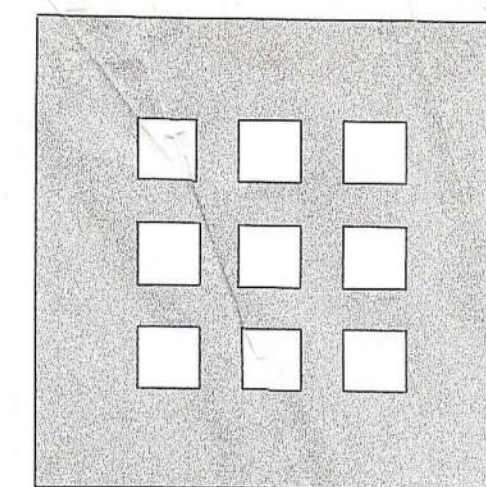
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 HICKS &
 KROCKMALNIC
 ARCHITECTS**



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HICKS &
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ARCHITECTS**

155 Massachusetts Ave.
Boston, MA 02115
617-267-6408
Fax 617-267-1990

PREPARED FOR:

**DAYTON VIEW
ASSOCIATES LTD.**
4324 WEBSTER STREET
DAYTON, OHIO 45414

No.	Date	Revision

**DAYTON HOPE VI
SENIOR HOUSING**

100% CONSTRUCTION DRAWING

FOUNDATION PLAN

Scale 1" = 8'

File Name A-1.0

Drawn By RB

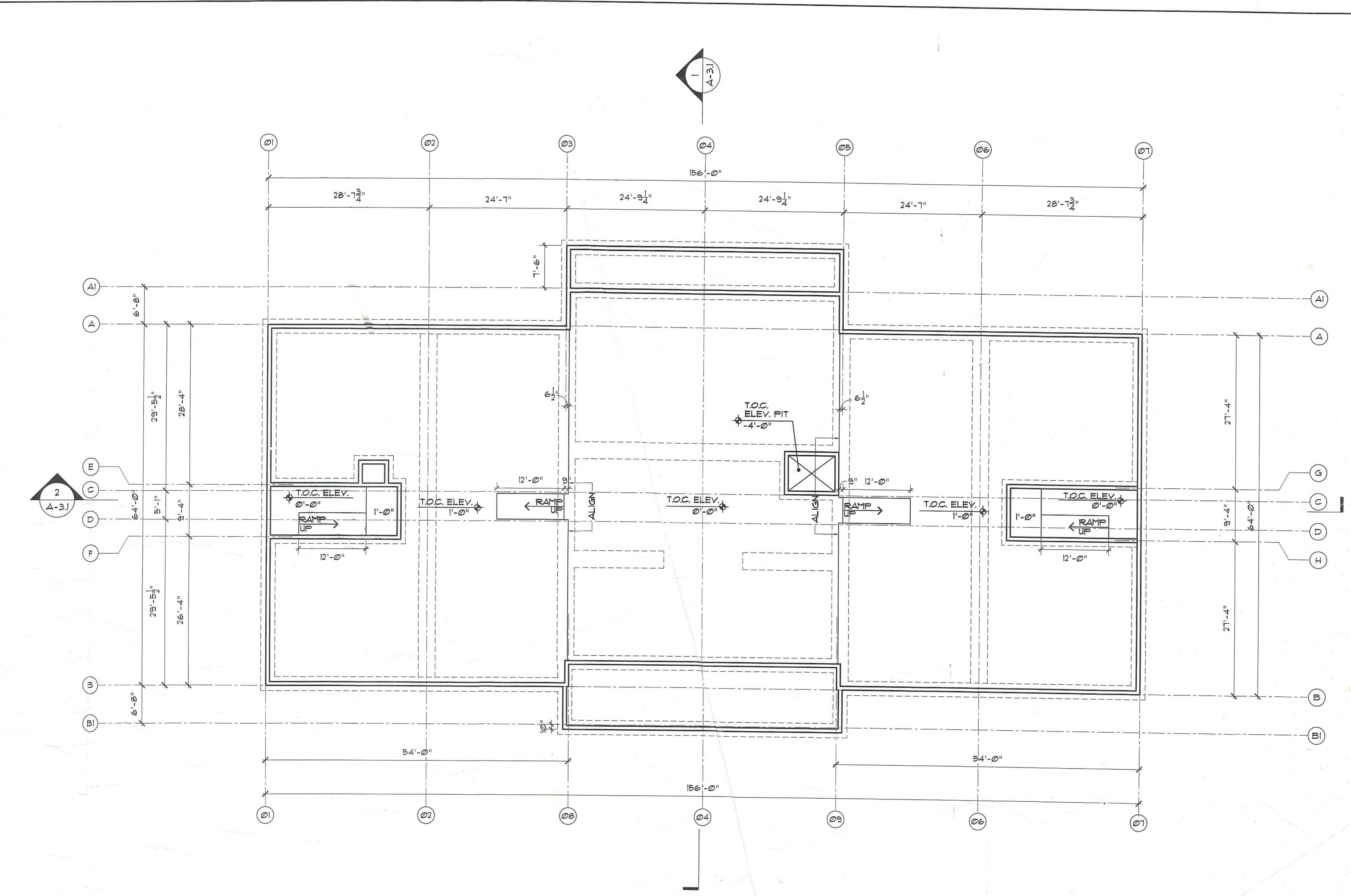
Checked By MP

Job No. 2101.1

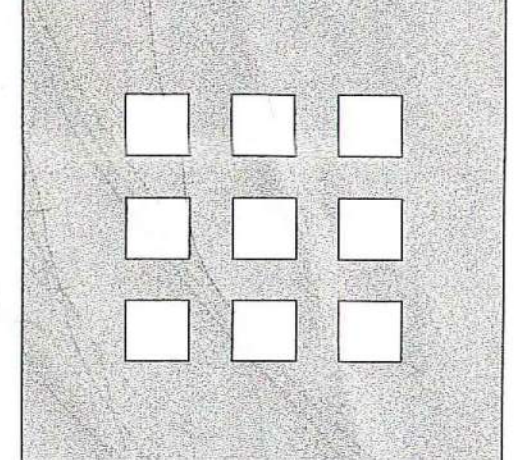
Date 06-24-02



A-1.0



REFER TO STRUCTURAL DRAWINGS FOR FOUNDATION
CONSTRUCTION METHODS AND DETAILS -
ARCHITECTURAL DRAWING FOR DIMENSIONAL
INFORMATION ONLY



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100% CONSTRUCTION DRAWINGS

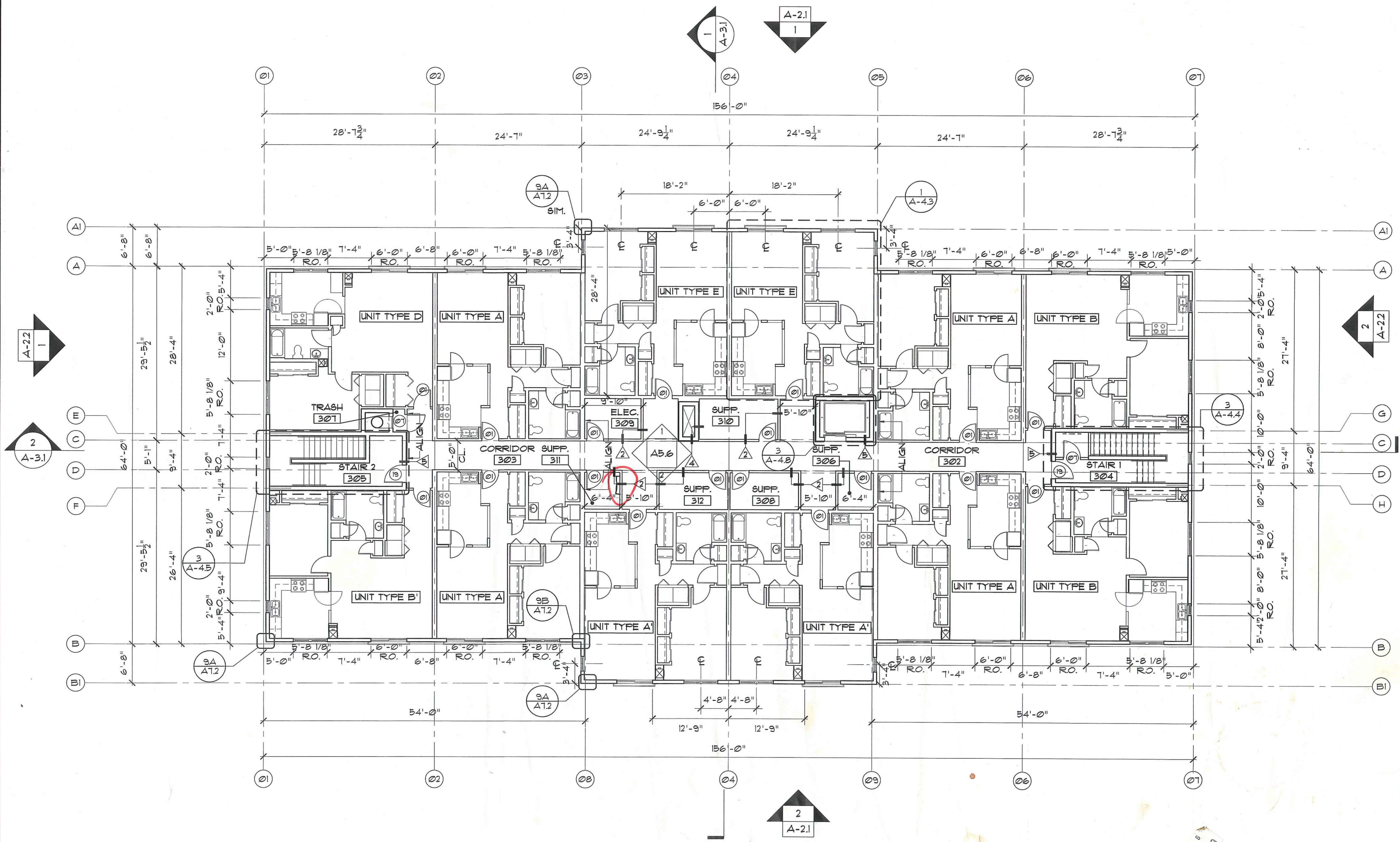
THIRD FLOOR PLAN

Scale 1" = 8'



File Name A-1.3
Drawn By RB
Checked By MP
Job No. 2101.1
Date 06-24-02

Drawing No. **A-1.3**



ALL PARTITIONS ARE TYPE I UNLESS OTHERWISE NOTED

ATTIC VENT CALCULATIONS FOR AREAS B & D

AREAS B & D = 1574 sf
 AREA/300 = TOTAL AREA OF VENTING REQ'D

1574 sf/300 = 5.25 sf
 5.25 sf x (144 sq in / sq ft) = 756 sq in

1/2 OF AREA REQUIRED MUST BE RIDGE/ATTIC VENT

378 sq in REQUIRED / 18 sq in NET FREE AREA / LINEAR FOOT = 21
 LINEAR FEET OF RIDGE VENT REQUIRED

ATTIC VENT CALCULATIONS FOR AREA C

AREA C = 1721 sf
 AREA/300 = TOTAL AREA OF VENTING REQ'D

1721 sf/300 = 5.74 sf
 5.74 sf x (144 sq in / sq ft) = 827 sq in

1/2 OF AREA REQUIRED MUST BE RIDGE/ATTIC VENT

414 sq in REQUIRED / 60 sq in NET FREE AREA / VENT = 7 VENTS
 REQUIRED

ATTIC VENT CALCULATIONS FOR AREAS A & E

AREAS A & E = 1716 sf
 AREA/300 = TOTAL AREA OF VENTING REQ'D

1716 sf/300 = 5.72 sf
 5.72 sf x (144 sq in / sq ft) = 824 sq in

1/2 OF AREA REQUIRED MUST BE RIDGE/ATTIC VENT

412 sq in REQUIRED / 60 sq in NET FREE AREA / VENT = 7 VENTS
 REQUIRED

ATTIC VENT CALCULATIONS FOR AREA F

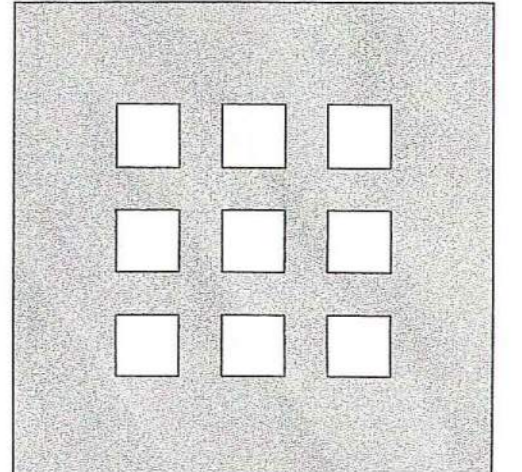
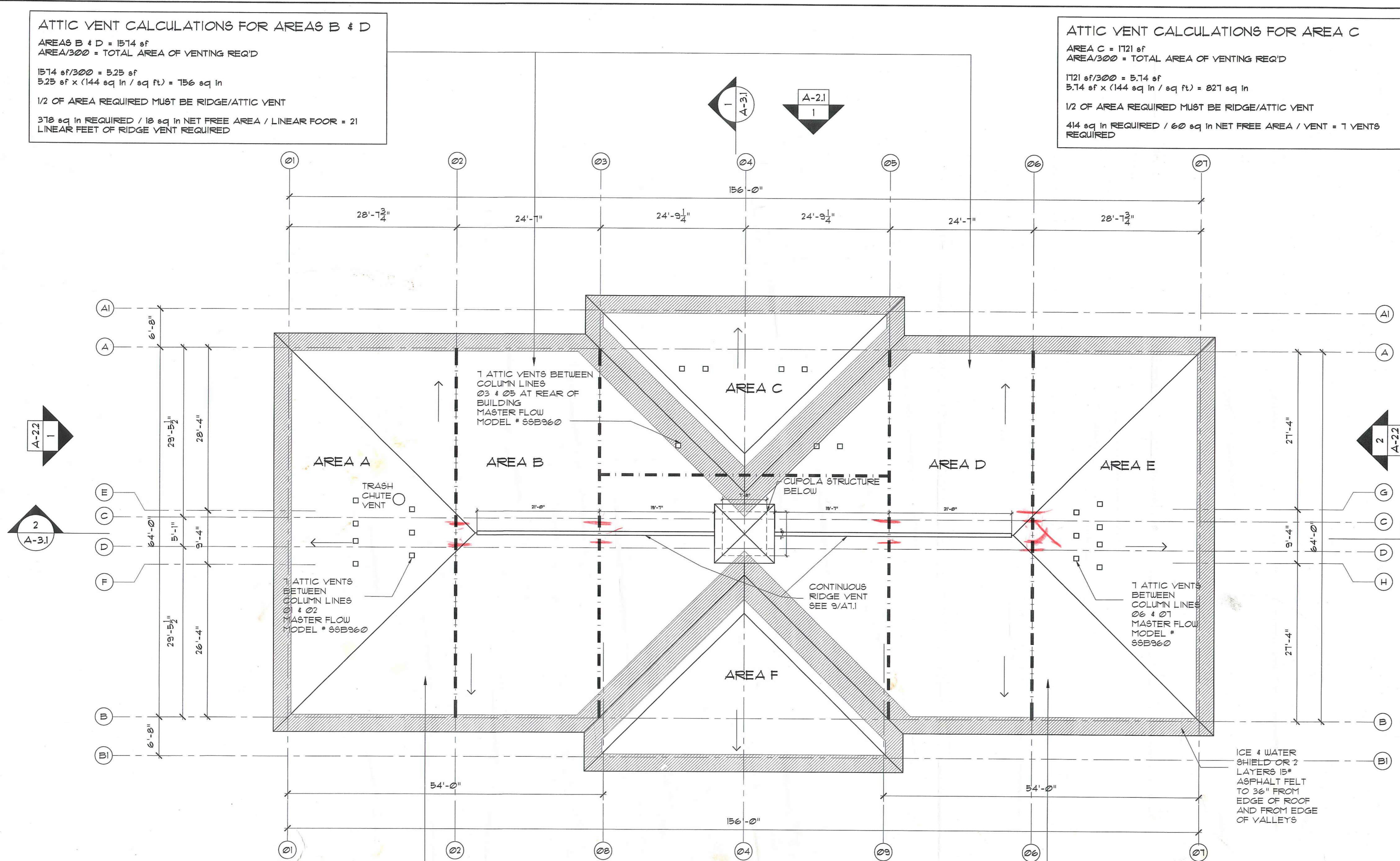
AREA F = 2378 sf
 AREA/300 = TOTAL AREA OF VENTING REQ'D

2378 sf/300 = 7.92 sf
 7.92 sf x (144 sq in / sq ft) = 1140.5 sq in

1/2 OF AREA REQUIRED MUST BE RIDGE/ATTIC VENT

570.25 sq in REQUIRED / 18 sq in NET FREE AREA / LINEAR FOOT = 31.7
 LINEAR FEET OF RIDGE VENT REQUIRED

INDICATES LINE OF
 DRAFTSTOPPING AT ATTIC
 BELOW



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 Fax 617-267-1990

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**DAYTON HOPE VI
 SENIOR HOUSING**

100% CONSTRUCTION DRAWINGS

Roof PLAN

Scale
 1" = 8'

File Name
 A-1.4

Drawn By
 RB

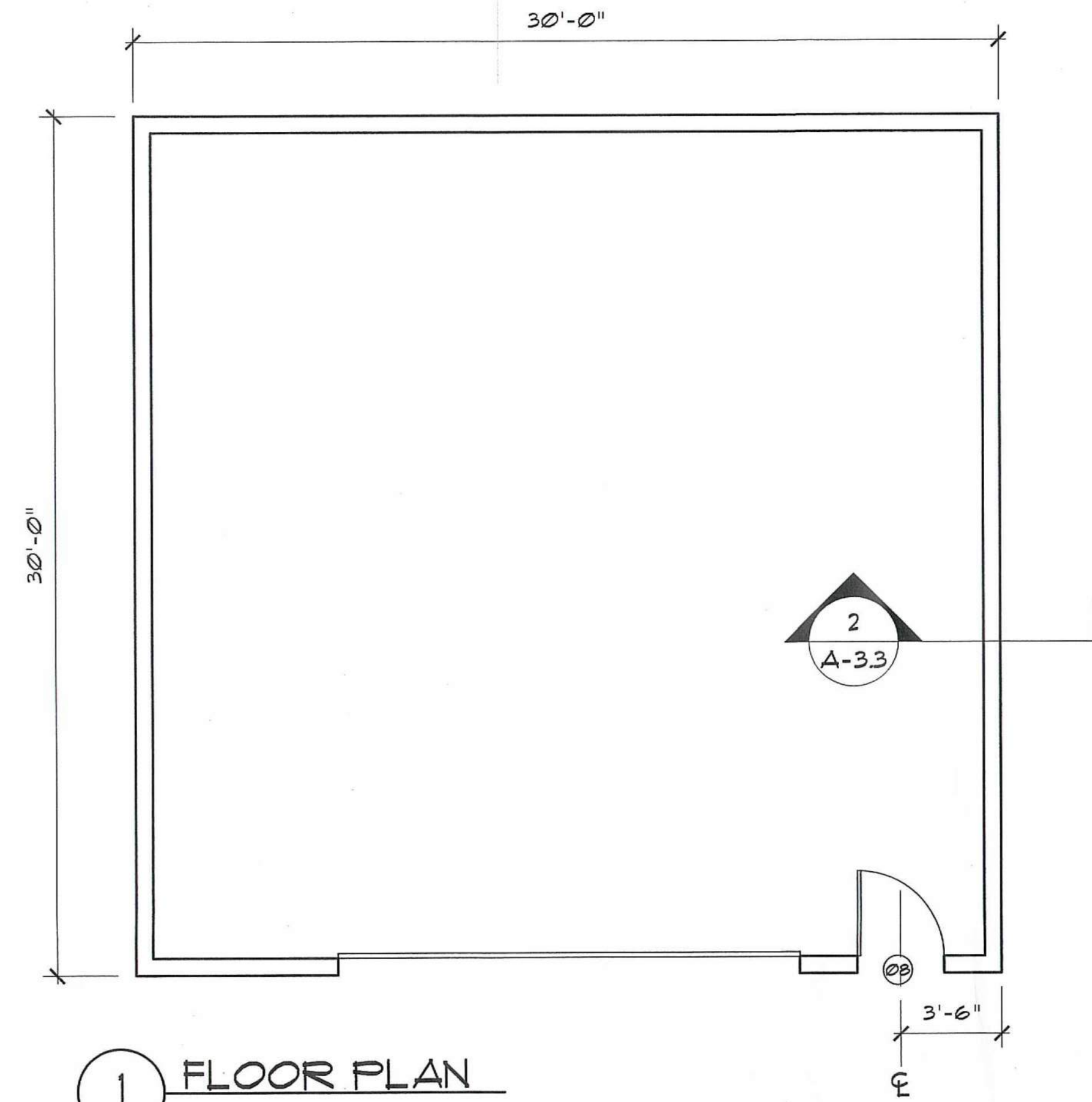
Checked By
 MP

Job No.
 2101.1

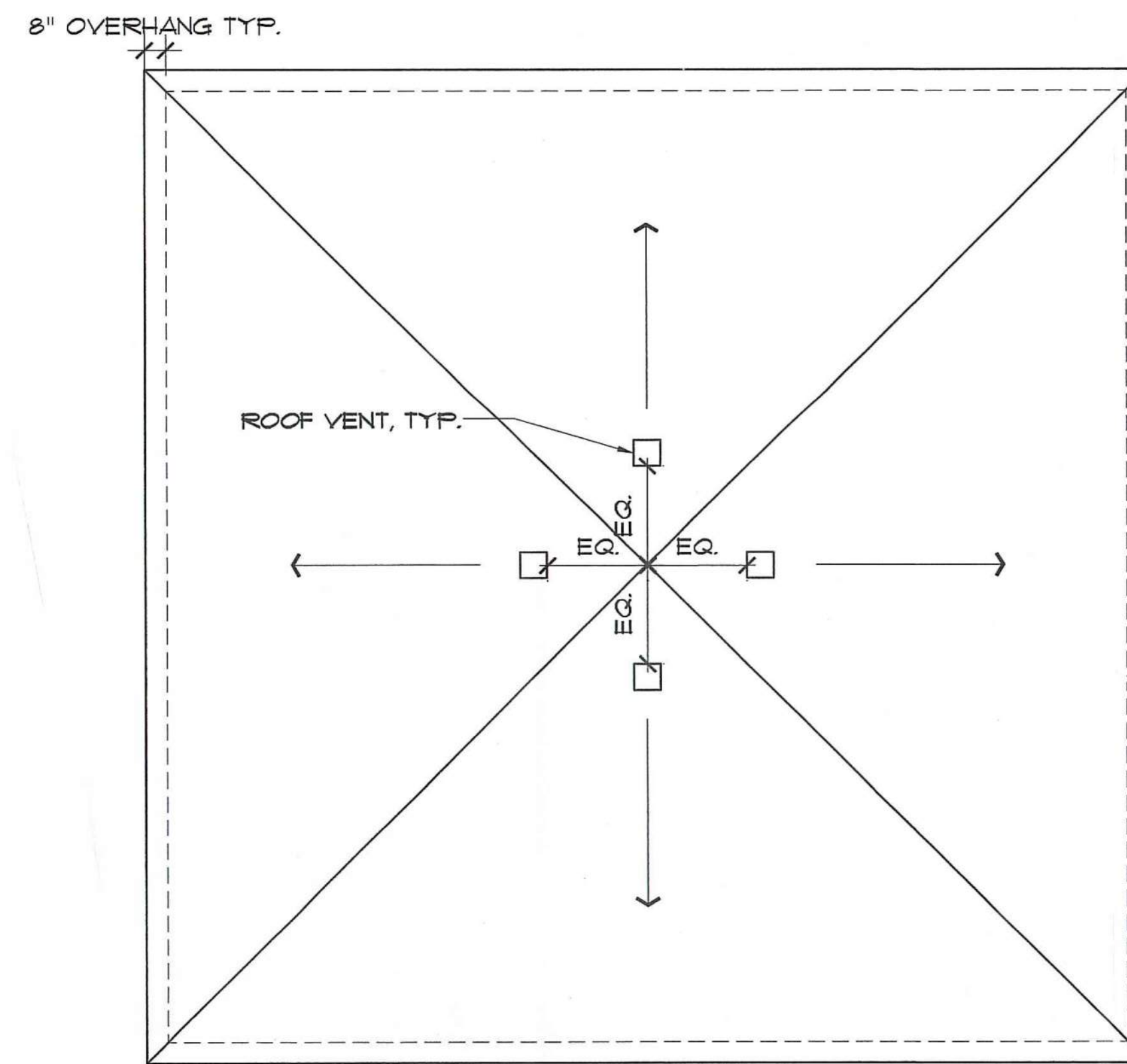
Date
 06-24-02



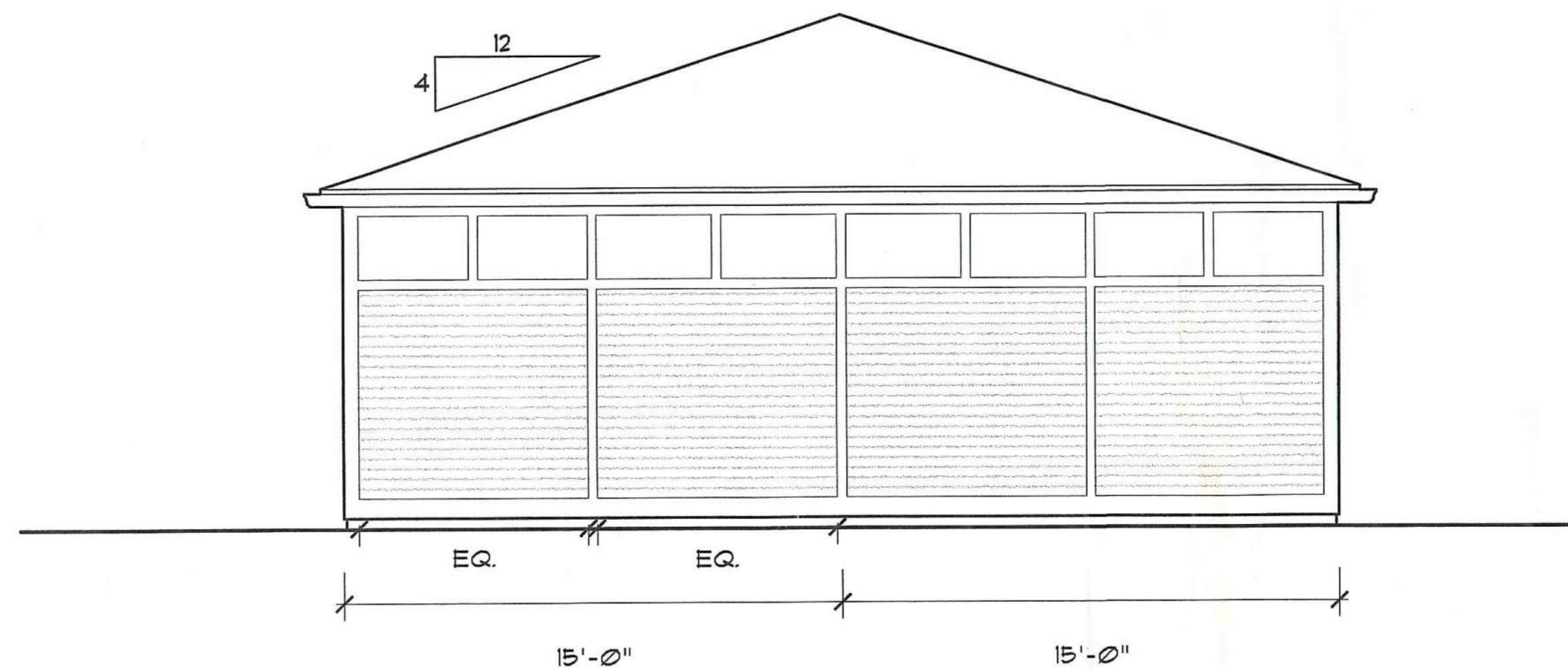
A-1.4



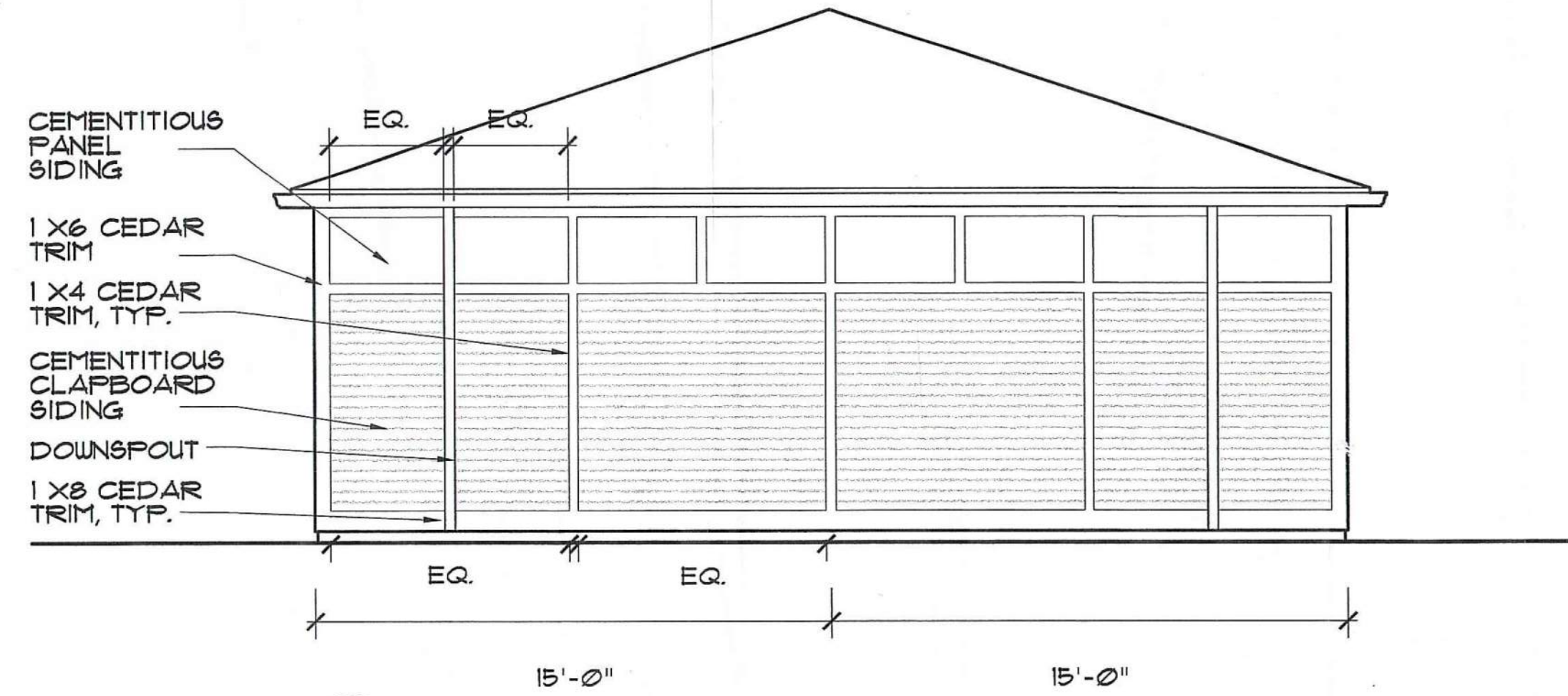
1 FLOOR PLAN



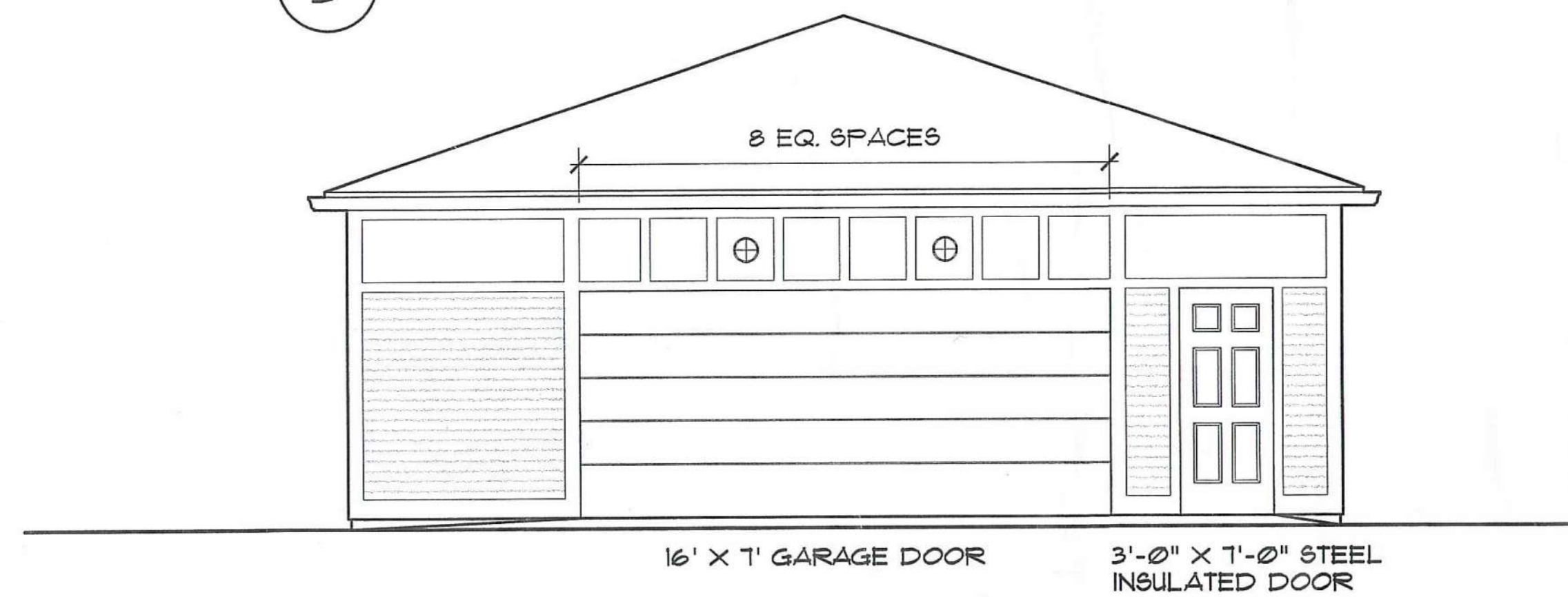
2 ROOF PLAN



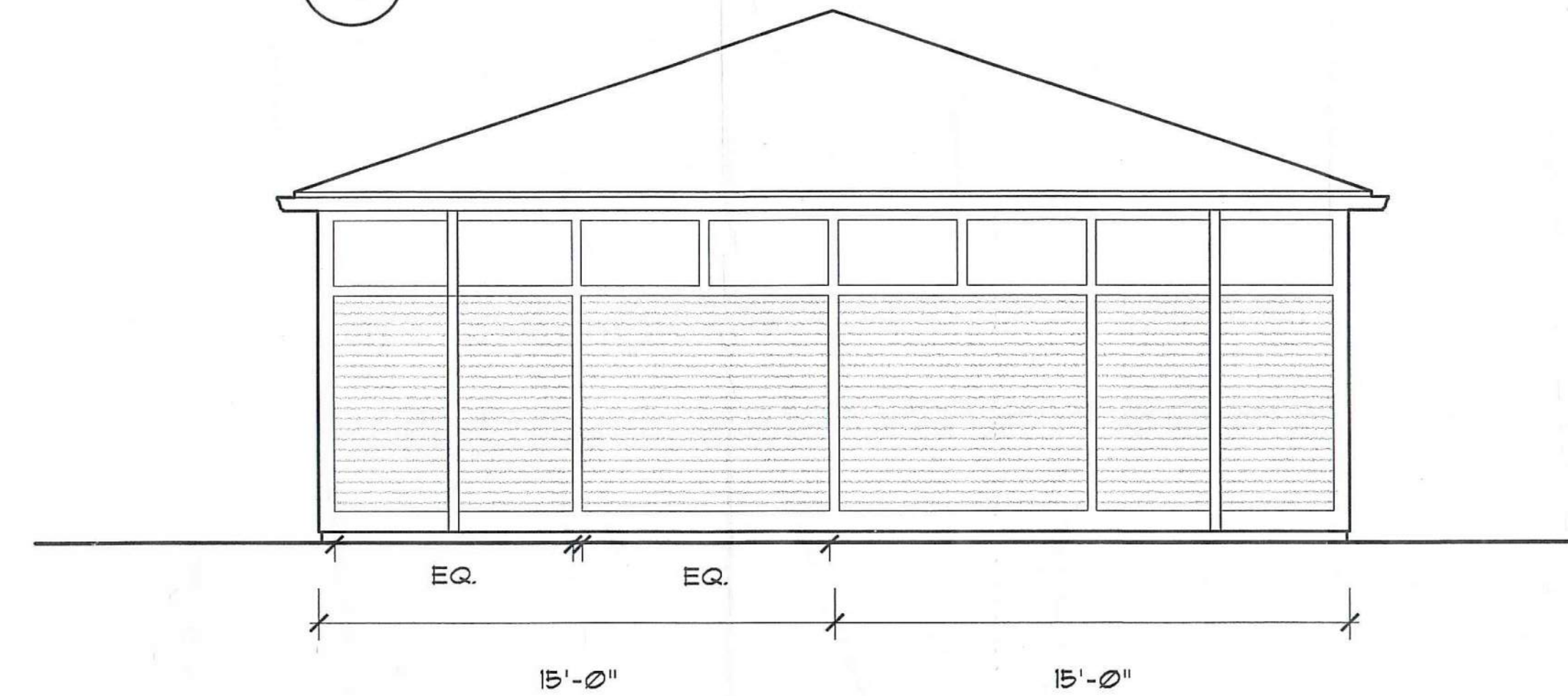
3 SIDE ELEVATION



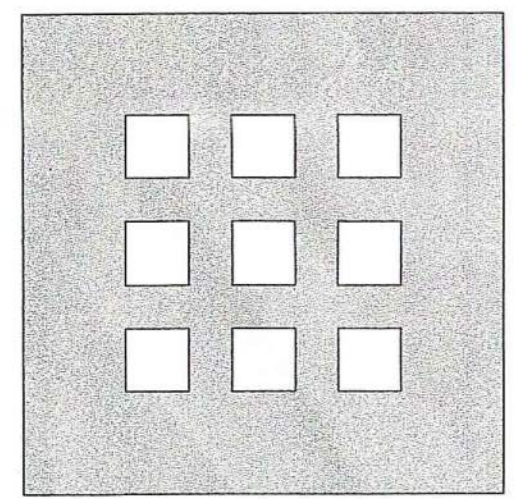
4 SIDE ELEVATION



5 FRONT ELEVATION



6 REAR ELEVATION



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**DAYTON HOPE VI
SENIOR HOUSING**

100% CONSTRUCTION DRAWINGS

**MAINTENANCE GARAGE
PLANS & ELEVATIONS**

Scale 1/4" = 1'-0"

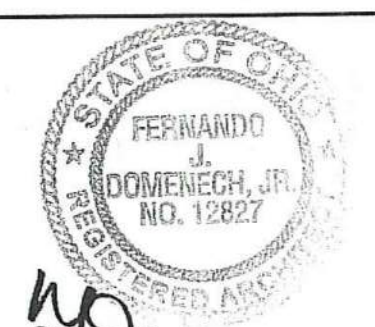
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Drawn By: RB

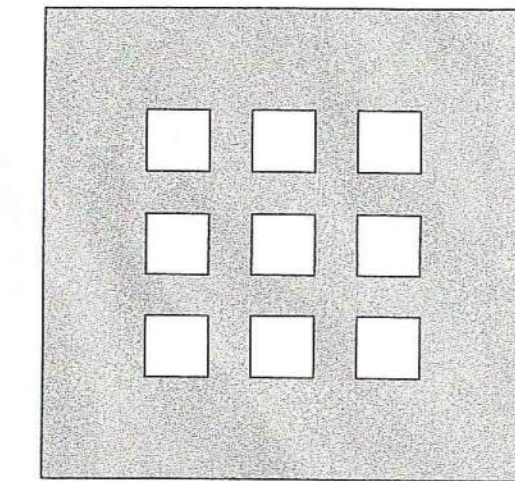
Checked By: MP

Job No. 2101.2

Date 06-24-02



A-1.5



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**DAYTON HOPE VI
SENIOR HOUSING**

100% CONSTRUCTION DRAWINGS
PERMIT SET

EXTERIOR ELEVATIONS
EAST AND WEST

Scale 1" = 8'

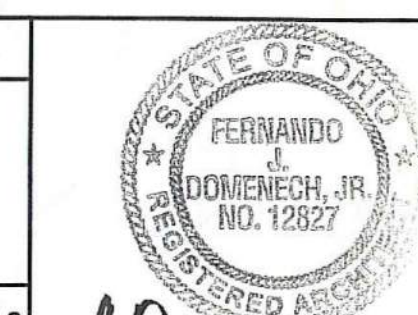
File Name A-2.1_2.2

Drawn By RB

Checked By MP

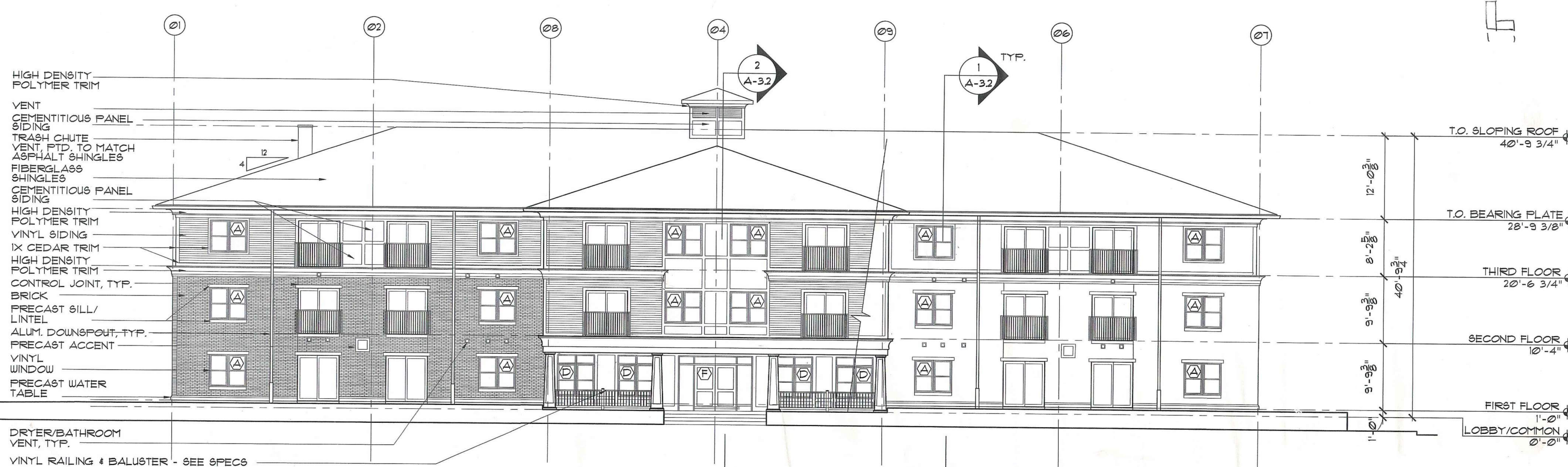
Job No. 2101.1

Date 06-24-02

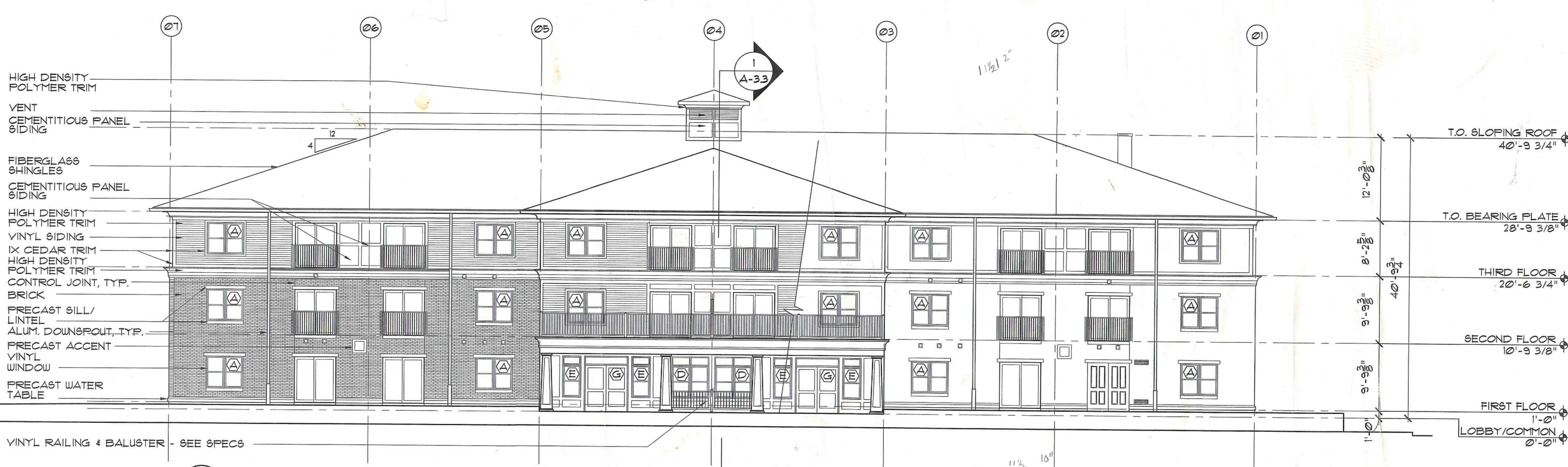


[Signature]

A-2.1



2 EAST ELEVATION - MIDDLE STREET

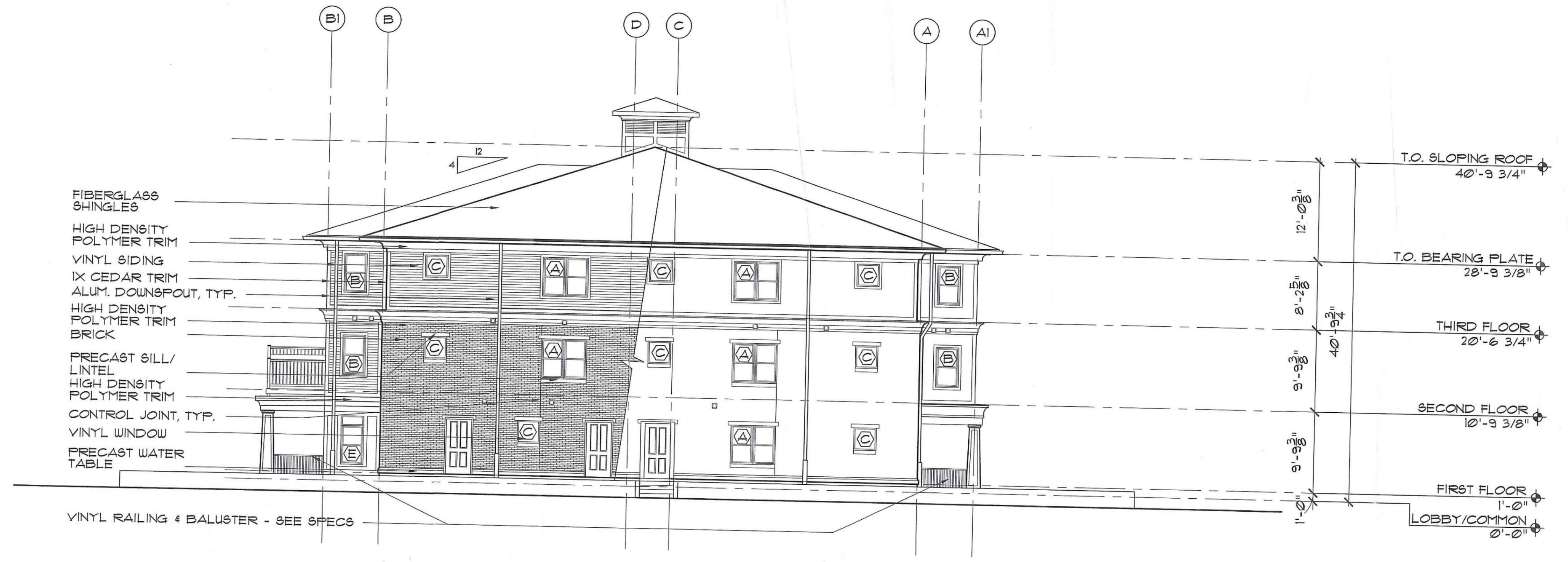


1 WEST ELEVATION

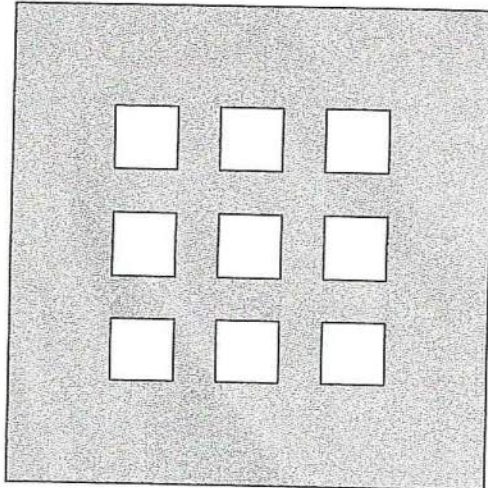
GENERAL NOTE:
ALL TOILET STACK VENTS TO BE
PAINTED TO MATCH ASPHALT
SHINGLE COLOR



2 NORTH ELEVATION - EDGEWOOD STREET



1 SOUTH ELEVATION



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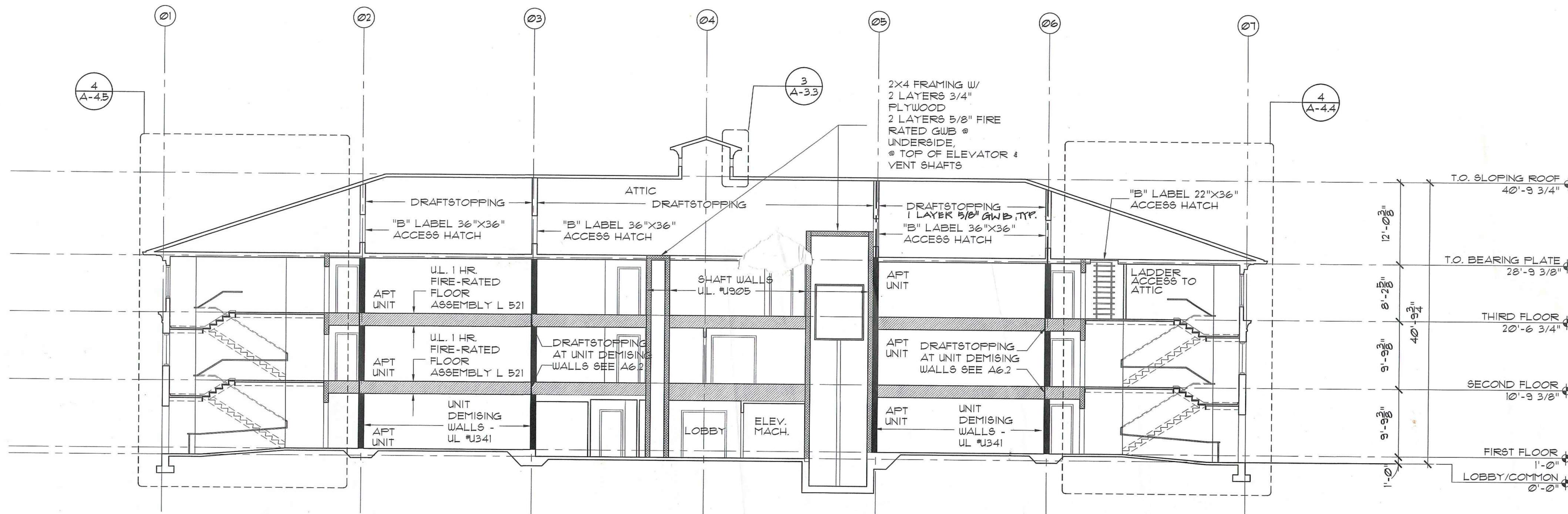
**DAYTON HOPE VI
SENIOR HOUSING**

100% CONSTRUCTION DRAWINGS
PERMIT SET

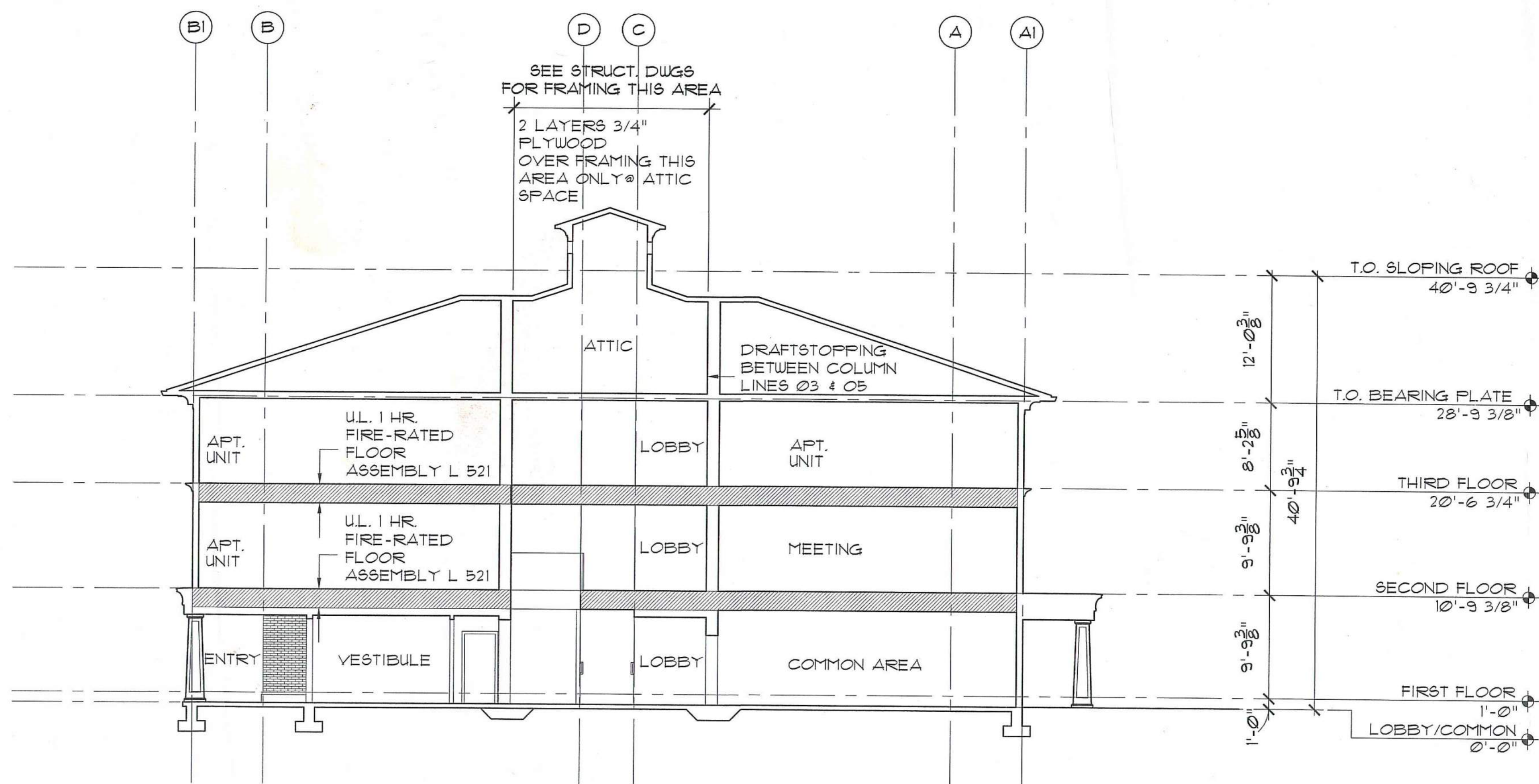
EXTERIOR ELEVATIONS
NORTH AND SOUTH

Scale 1" = 8'





2 LONGITUDINAL SECTION



1 CROSS SECTION

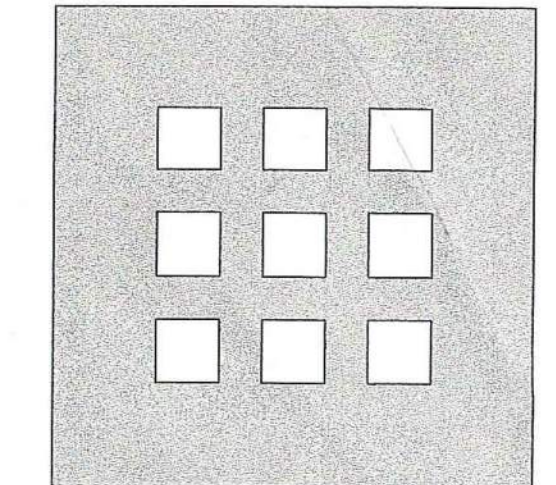
STC NOTES:

STC RATING OF 50 FOR FLOOR ASSEMBLY BASED ON NATIONAL EVALUATION SERVICE REPORT NER-148

STC RATING OF UNIT DEMISING DOUBLE WALL IS 54

LEGEND:

- UNIT DEMISING WALL UL #341
- 1 HR RATED FLOOR ASSEMBLY - UL #L521
- 1 HR RATED SHAFT WALLS UL #905



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**DAYTON HOPE VI
SENIOR HOUSING**

100% CONSTRUCTION DRAWINGS

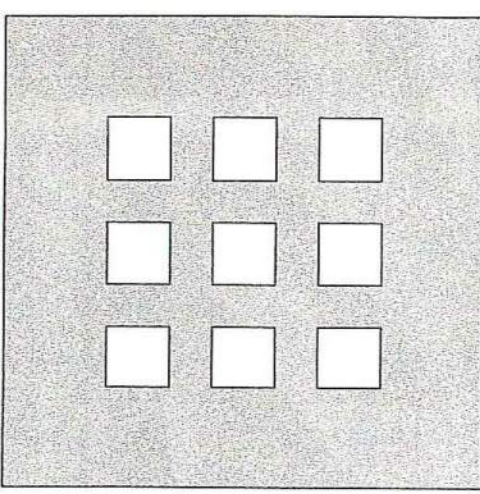
BUILDING SECTIONS

Scale 1" = 8'

File Name: A-SC-01
Drawn By: RB
Checked By: MP
Job No.: 2101.1
Date: 06-24-02

STATE OF OHIO
FERNANDO DOMENECH, JR.
NO. 12827
REGISTERED ARCHITECT

Drawing No. **A-3.1**



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No.	Date	Revision

**DAYTON HOPE VI
SENIOR HOUSING**

8548
91
823

100% CONSTRUCTION DRAWINGS

WALL SECTIONS

Scale 1/2" = 1'-0"

File Name: A-3C-WAL

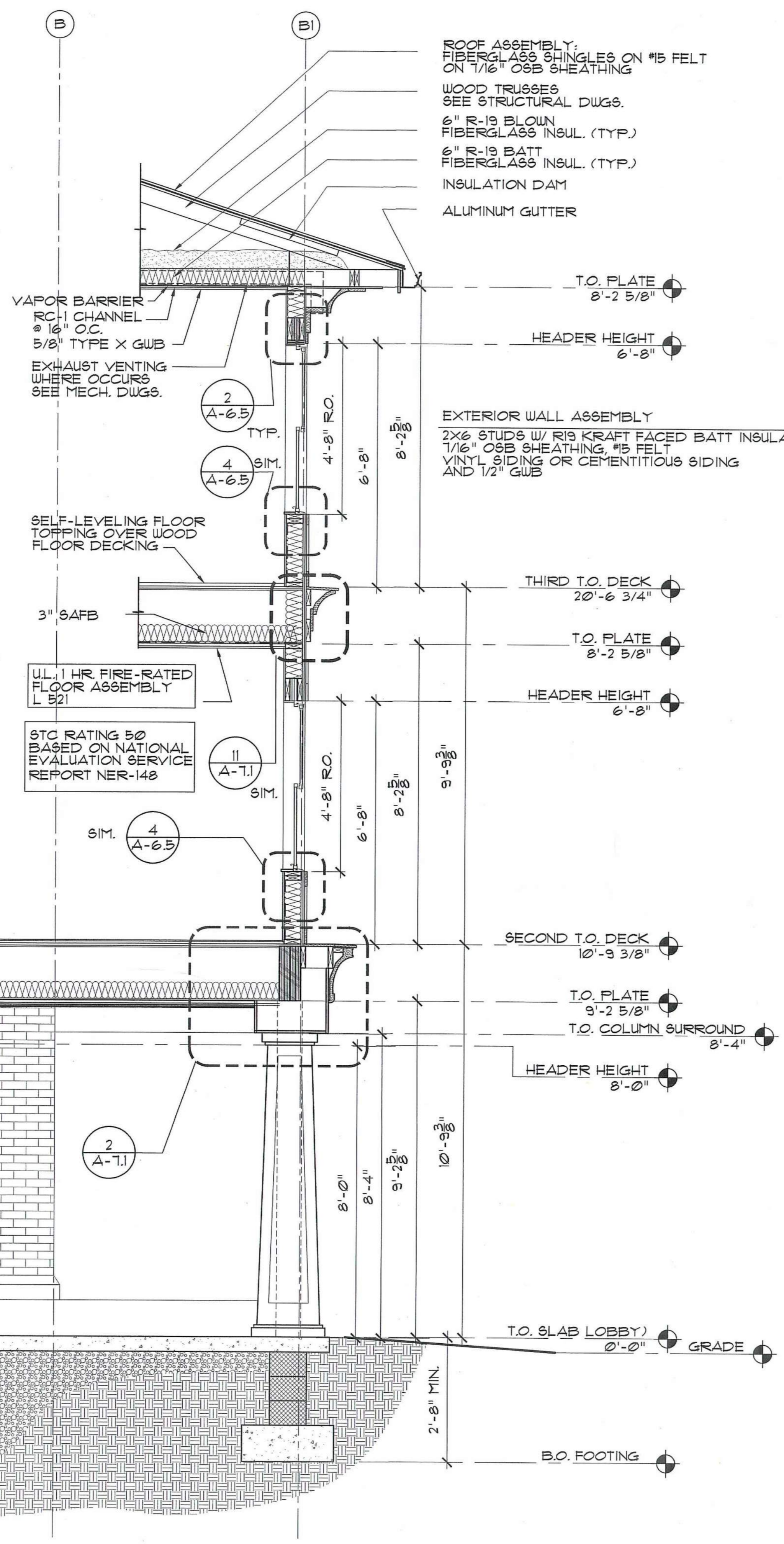
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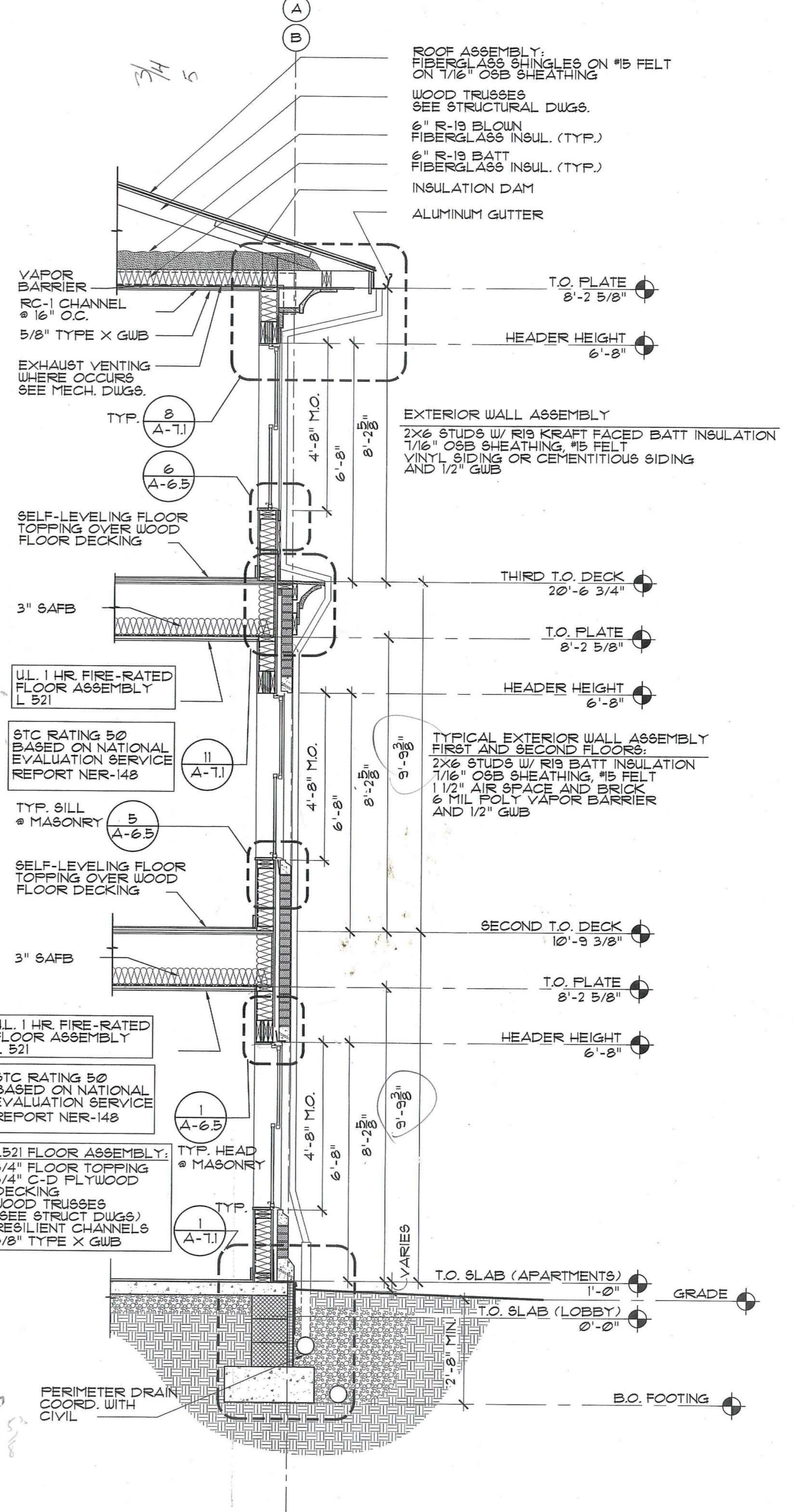
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Date: 06-24-02

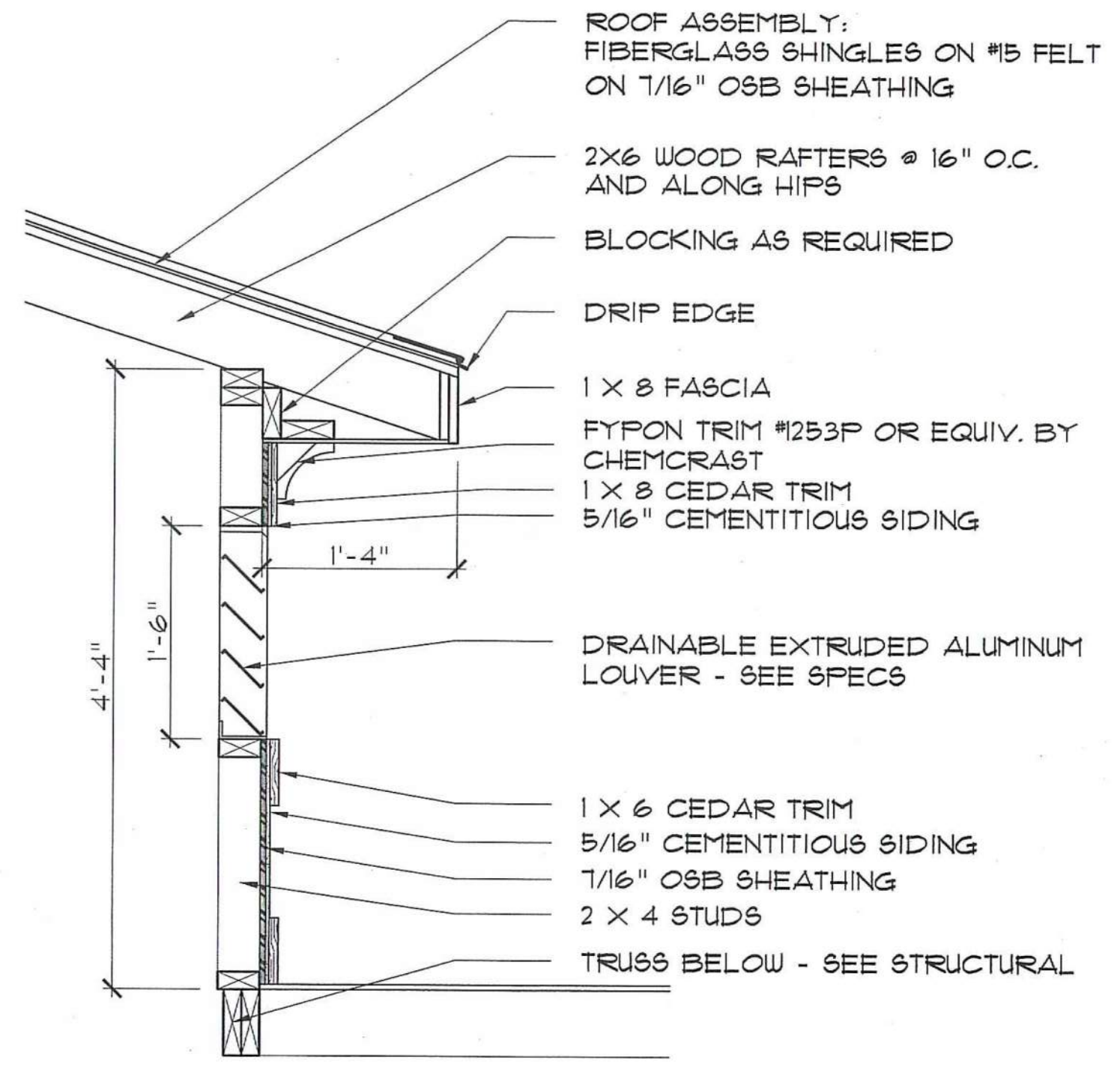
Drawing No.: **A-3.2**



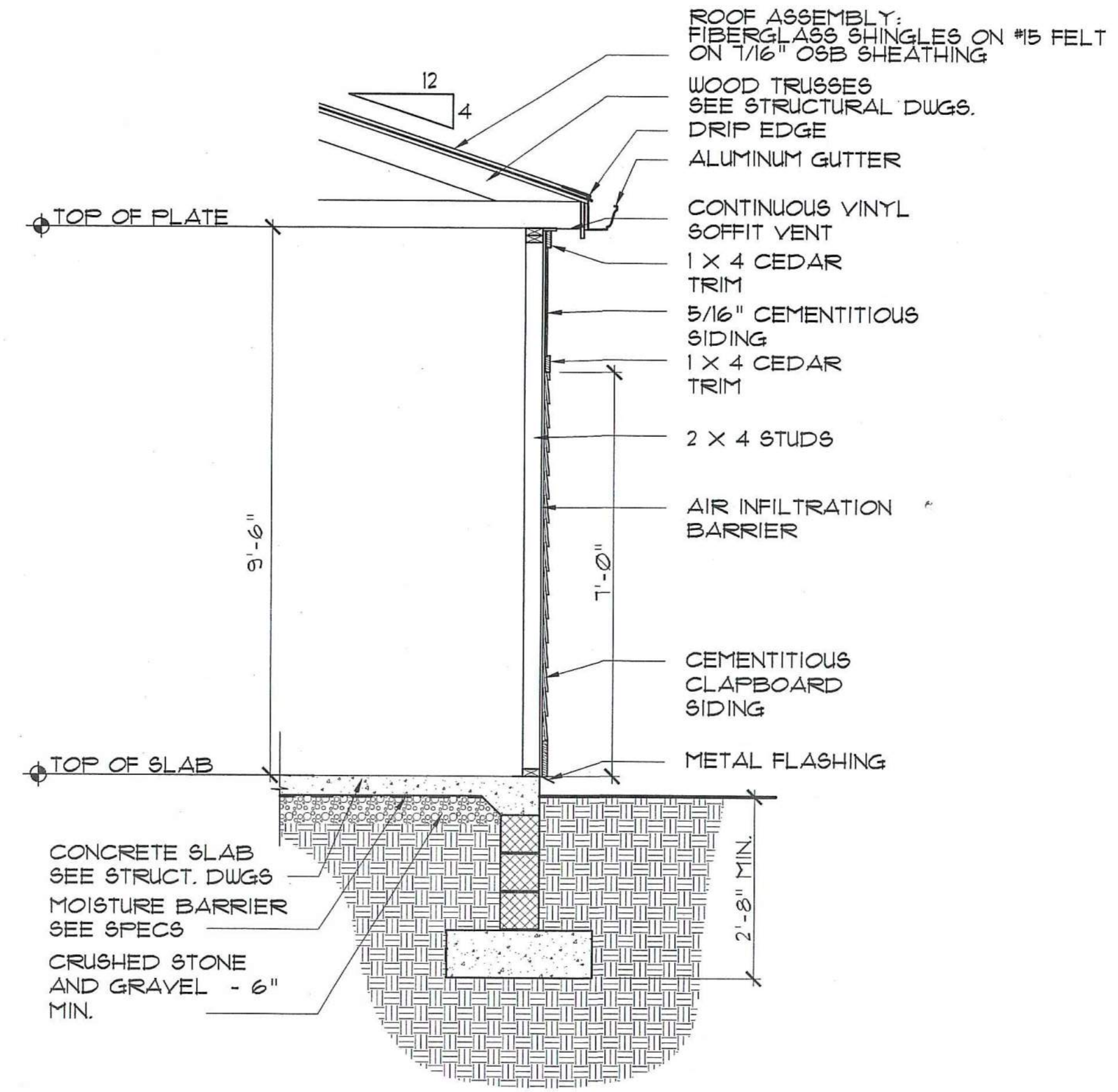
2 WALL SECTION AT ENTRY
SCALE: 1/2" = 1'-0"



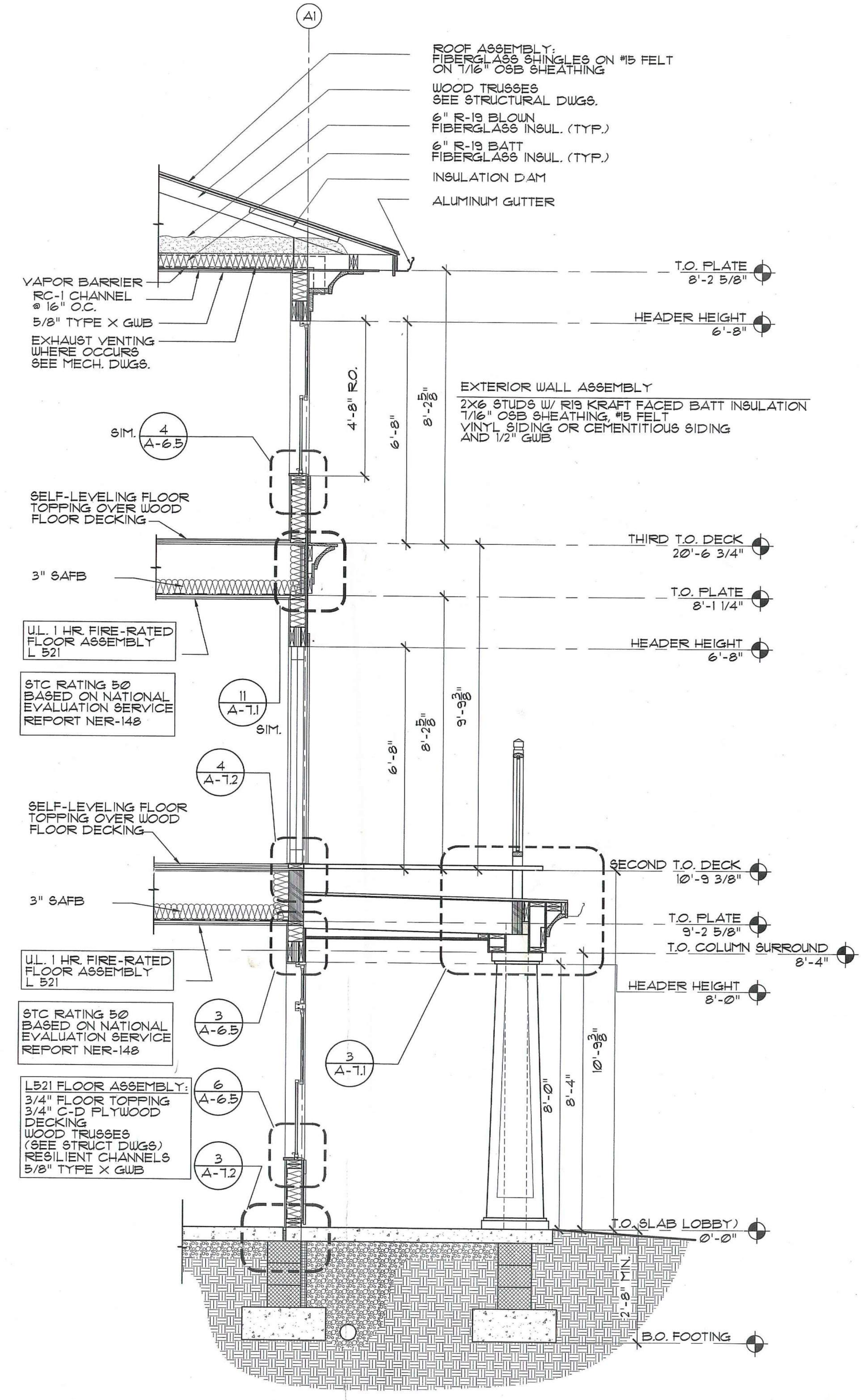
1 TYPICAL WALL SECTION
SCALE: 1/2" = 1'-0"



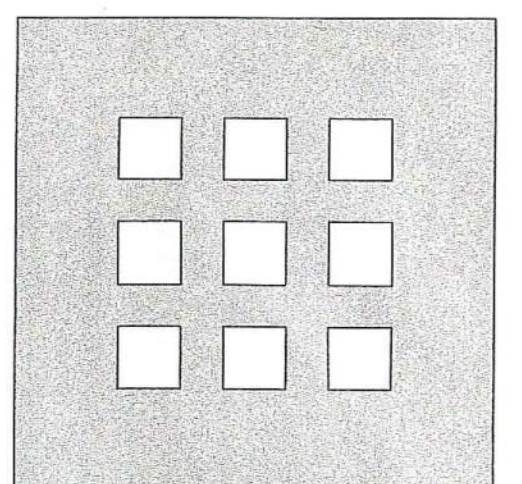
3 WALL SECTION AT CUPOLA
SCALE: 1/2" = 1'-0"



2 WALL SECTION AT MAINTENANCE GARAGE
SCALE: 1/2" = 1'-0"



1 WALL SECTION AT PORCH
SCALE: 1/2" = 1'-0"



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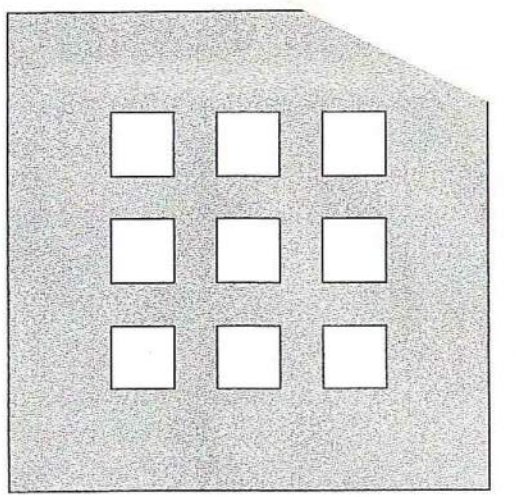
100% CONSTRUCTION DRAWINGS

WALL SECTIONS

Scale 1/2" = 1'-0"
File Name A-SC-WAL
Drawn By RB
Checked By MP
Job No. 2101.1
Date 06-24-02



Drawing No.
A-3.3



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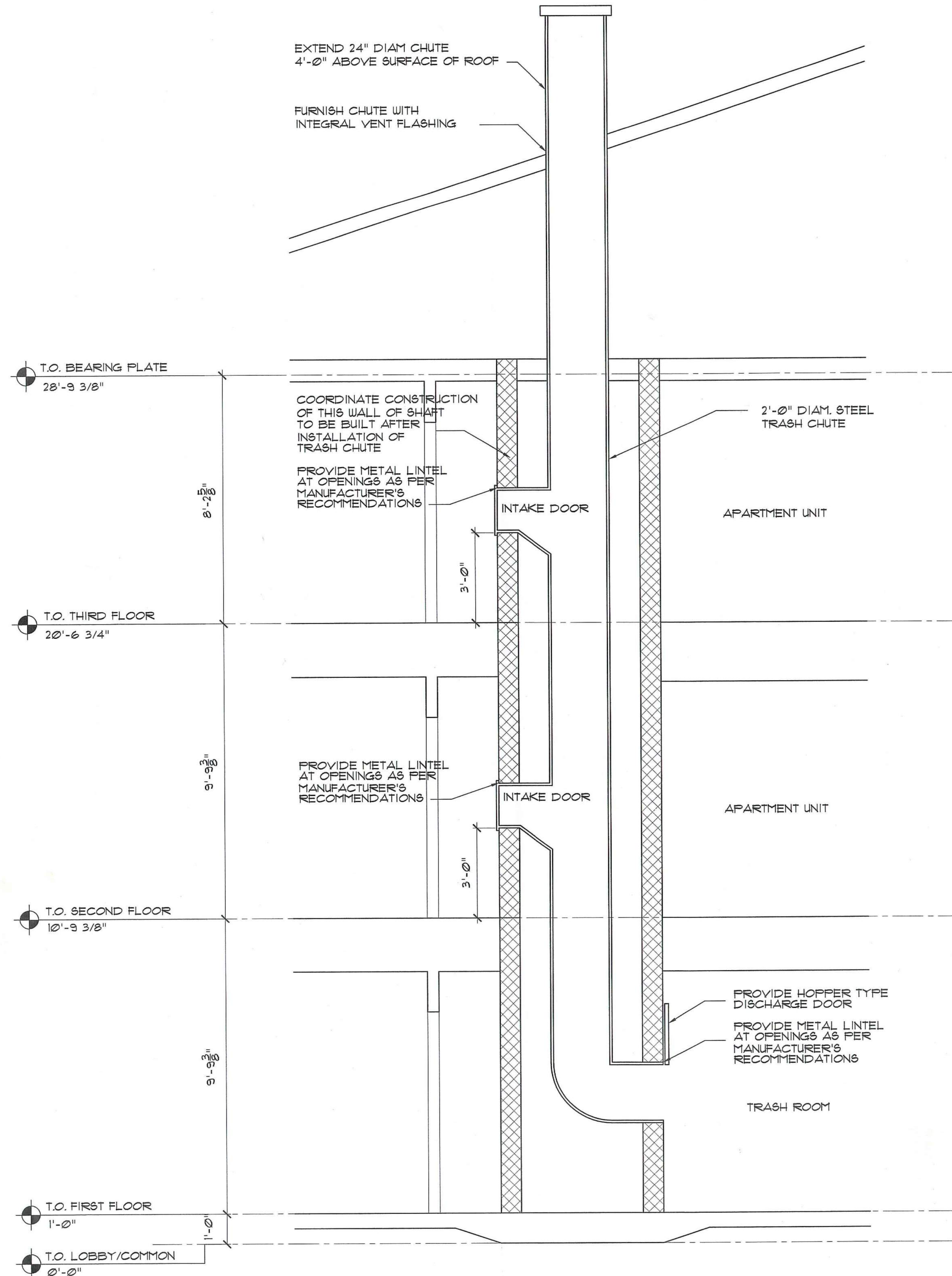
TRASH CHUTE SECTION

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



File Name: A-SC-WAL
Drawn By: RB
Checked By: MP
Job No.: 2101.1
Date: 06-24-02

A-3.4



WALL SECTION AT TRASH CHUTE
SCALE: 1/2" = 1'-0"

GENERAL UNIT PLAN NOTES:

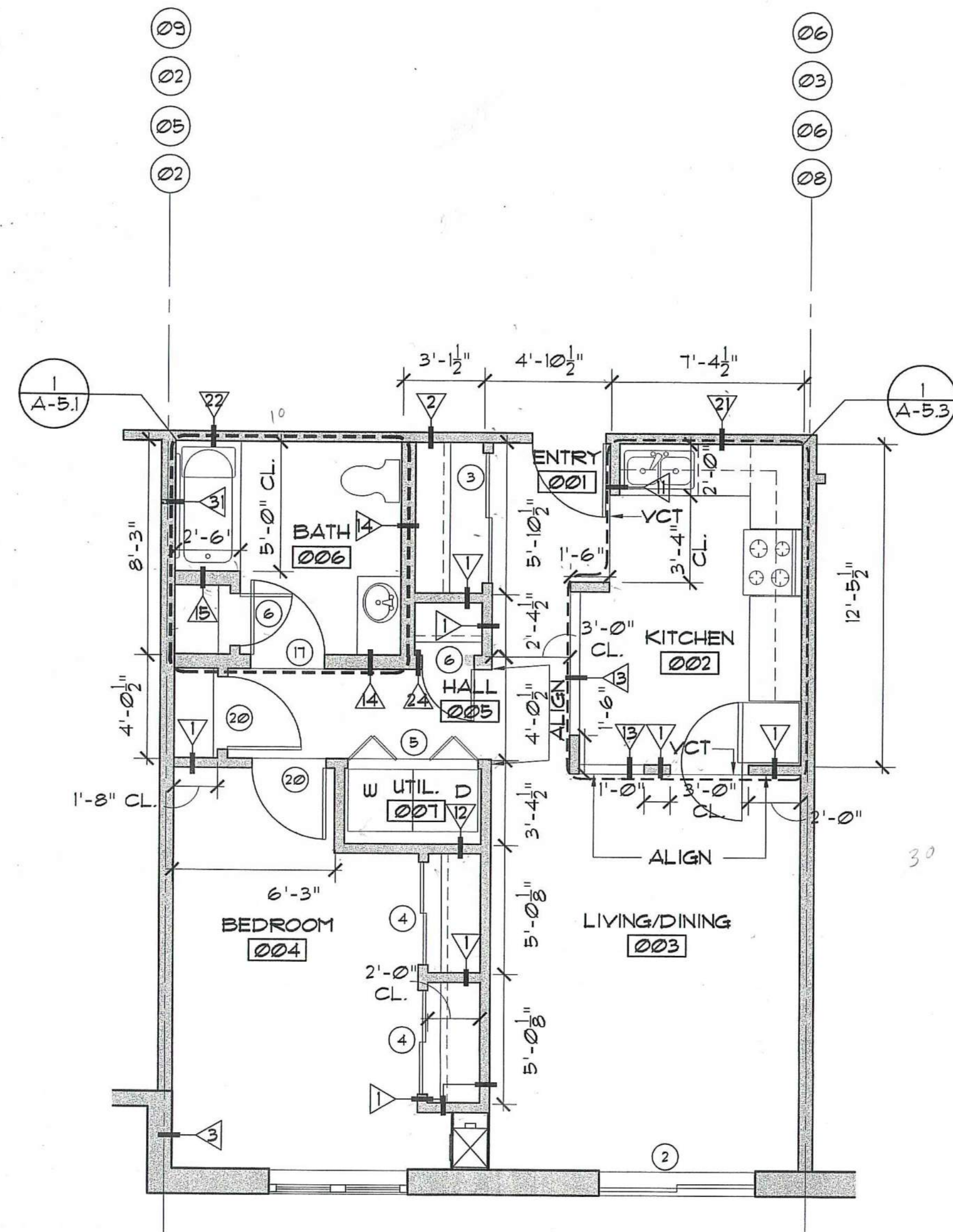
1. DOORS ARE 4" OFF ADJACENT WALL UNLESS OTHERWISE NOTED.
2. ALL DIMENSIONS ARE TO FACE OF STUD UNLESS NOTED "CLEAR" WHICH DENOTES FINISH DIMENSION.
3. SEE SHEET A-62 FOR PARTITION TYPES

FHA UNIT PLAN NOTES:

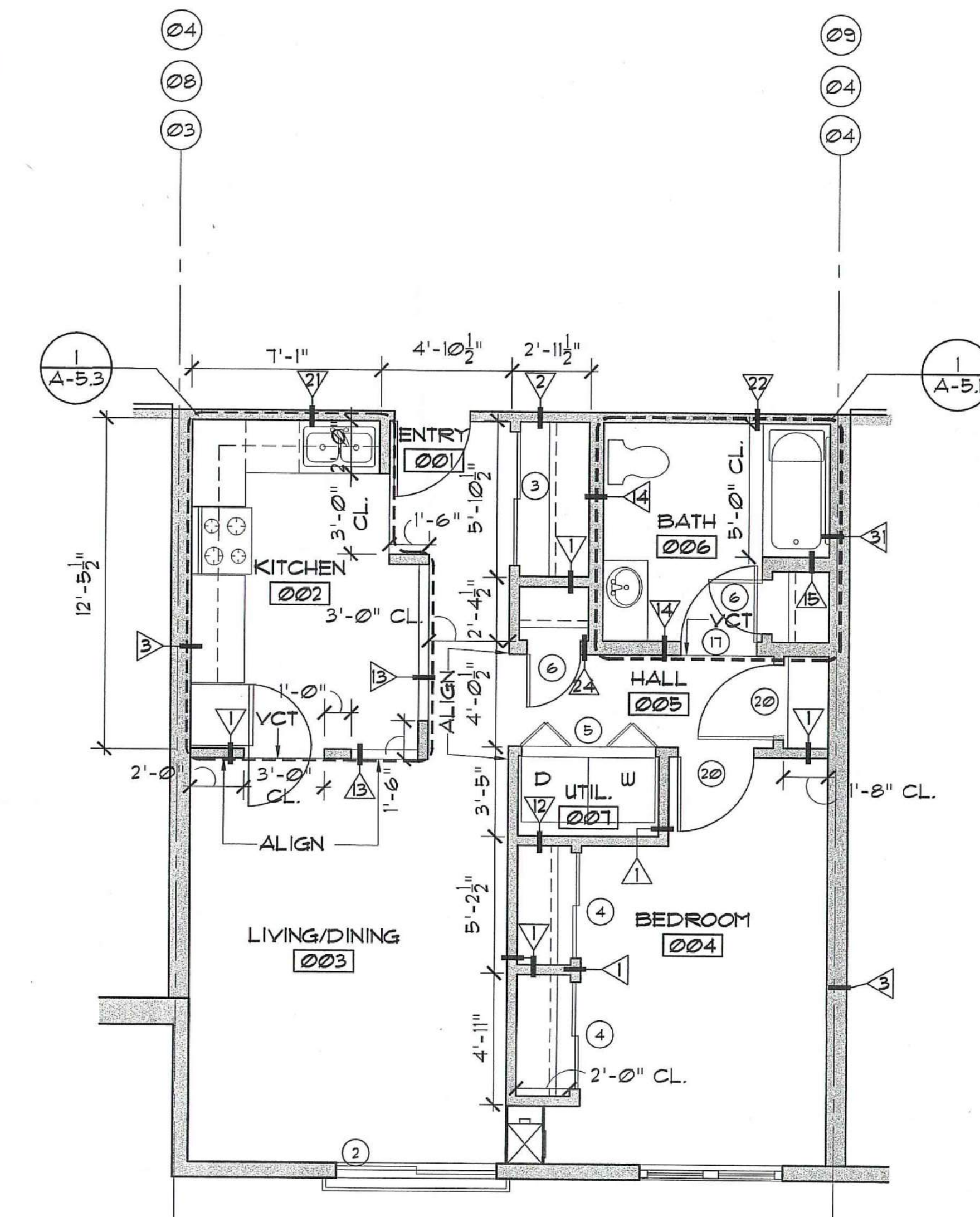
1. FOR FHA REQUIREMENTS RELATING TO KITCHENS AND BATHROOMS, SEE A5.1-A5.4
2. ALL DOORS MUST HAVE A MINIMUM NOMINAL CLEAR WIDTH OF 32."
3. ALL CONTROLS, SWITCHES AND OUTLETS MUST BE LOCATED BETWEEN 15" AFF AND 48" AFF TO THEIR CENTERLINE.
4. THE PUBLIC SIDE OF ALL DWELLING UNIT ENTRY DOORS MUST COMPLY WITH ANSI 4.13.

UFAS UNIT PLAN NOTES:

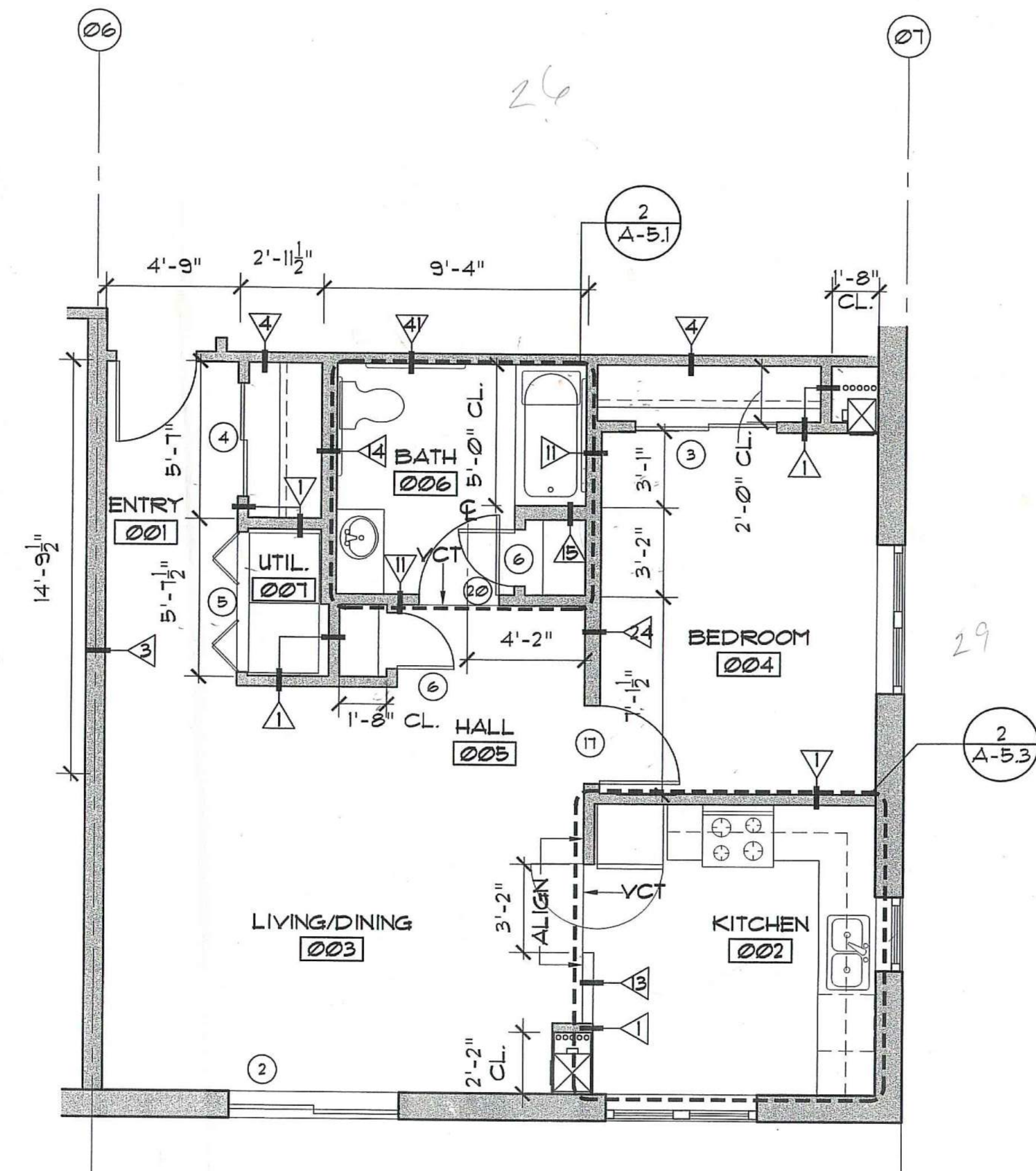
1. FOR UFAS REQUIREMENTS RELATING TO KITCHENS AND BATHROOMS, SEE A5.1-A5.4
2. DWELLING UNIT ENTRY DOORS TO THE UNITS SHALL COMPLY WITH UFAS 4.14.
3. STORAGE IN THE DWELLING UNIT SHALL COMPLY WITH UFAS 4.25. CLOTHES RODS SHALL BE A MAXIMUM OF 54" AFF. SHELVES SHALL BE MOUNTED A MINIMUM OF 9" AFF.
4. ALL CONTROLS, SWITCHES AND OUTLETS SHALL COMPLY FHA 4.21 AND BE LOCATED NO LESS THAN 15" AFF.



GROSS AREA = 727 SF
NETAREA = 702 SF



GROSS AREA = 730 SF
NETAREA = 705 SF

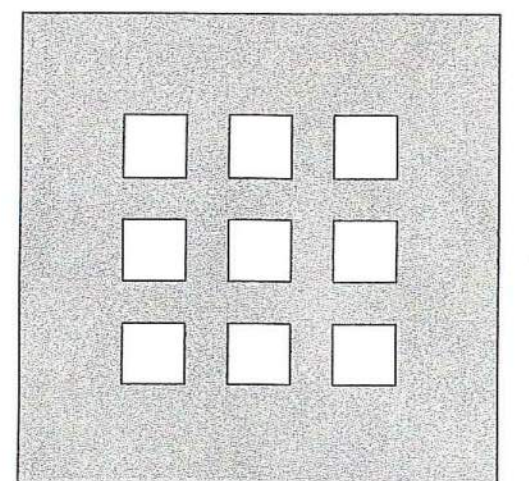


GROSS AREA = 718 SF
NETAREA = 725 SF

1 UNIT A ENLARGED PLAN
SCALE: 1/4" = 1'-0" FHA COMPLIANT

2 UNIT A' ENLARGED PLAN
SCALE: 1/2" = 1'-0" FHA COMPLIANT

3 UNIT B ENLARGED PLAN
SCALE: 1/2" = 1'-0" FHA COMPLIANT



**DOMENECH
HICKS &
KROCKMALNIC
ARCHITECTS**

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Boston, MA 02115
617-267-6408
Fax 617-267-1990

PREPARED FOR:

**DAYTON VIEW
ASSOCIATES LTD.**
4324 WEBSTER STREET
DAYTON, OHIO 45414

No.	Date	Revision

**DAYTON HOPE VI
SENIOR HOUSING**

100% CONSTRUCTION DRAWINGS

ENLARGED UNIT TYPE PLANS

Scale 1" = 4'

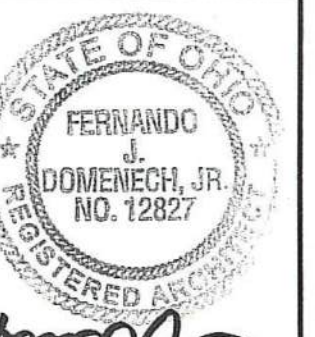
File Name A-4.1

Drawn By RB

Checked By MP

Job No. 2101.1

Date 06-24-02



A-4.1

GENERAL UNIT PLAN NOTES:

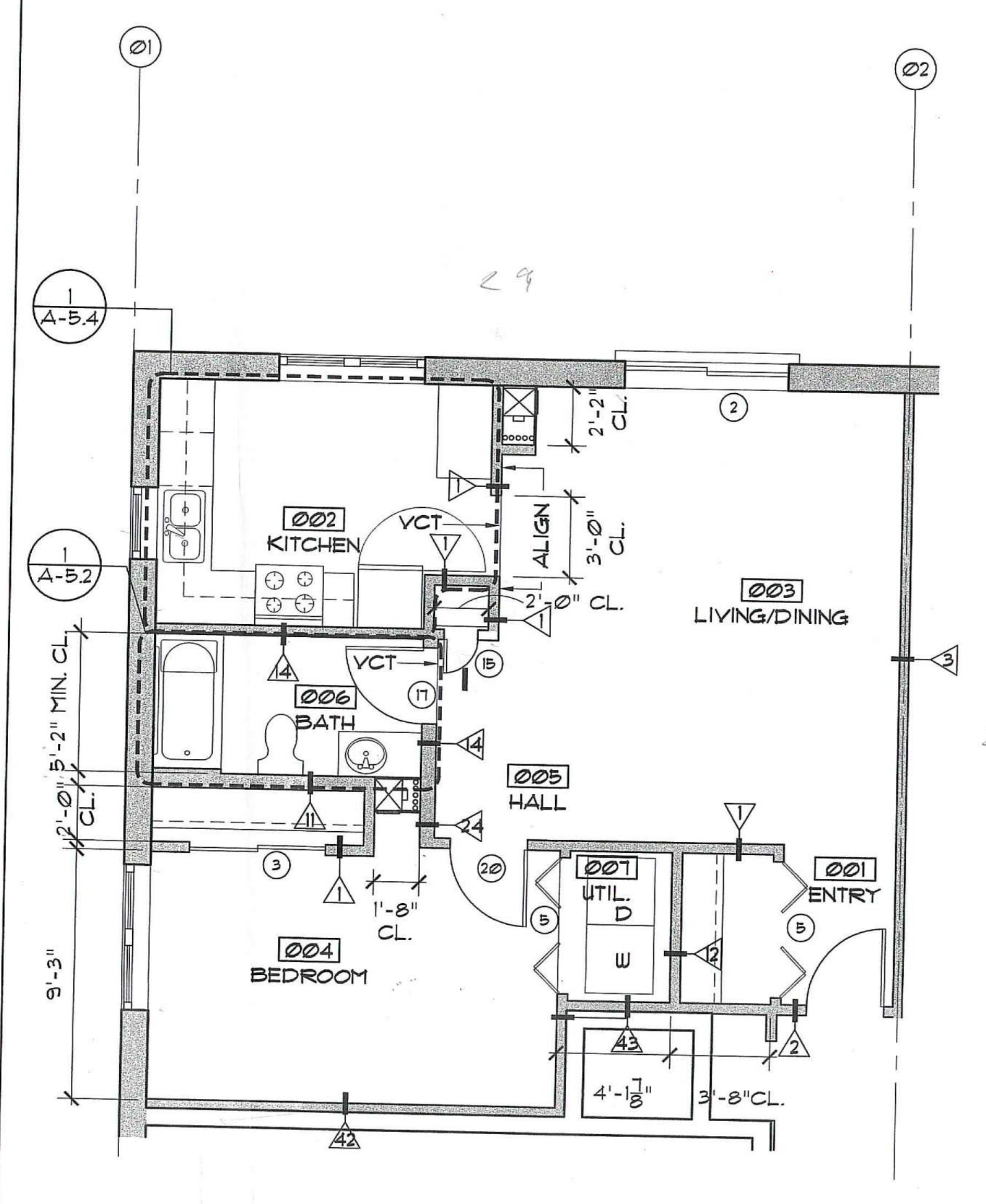
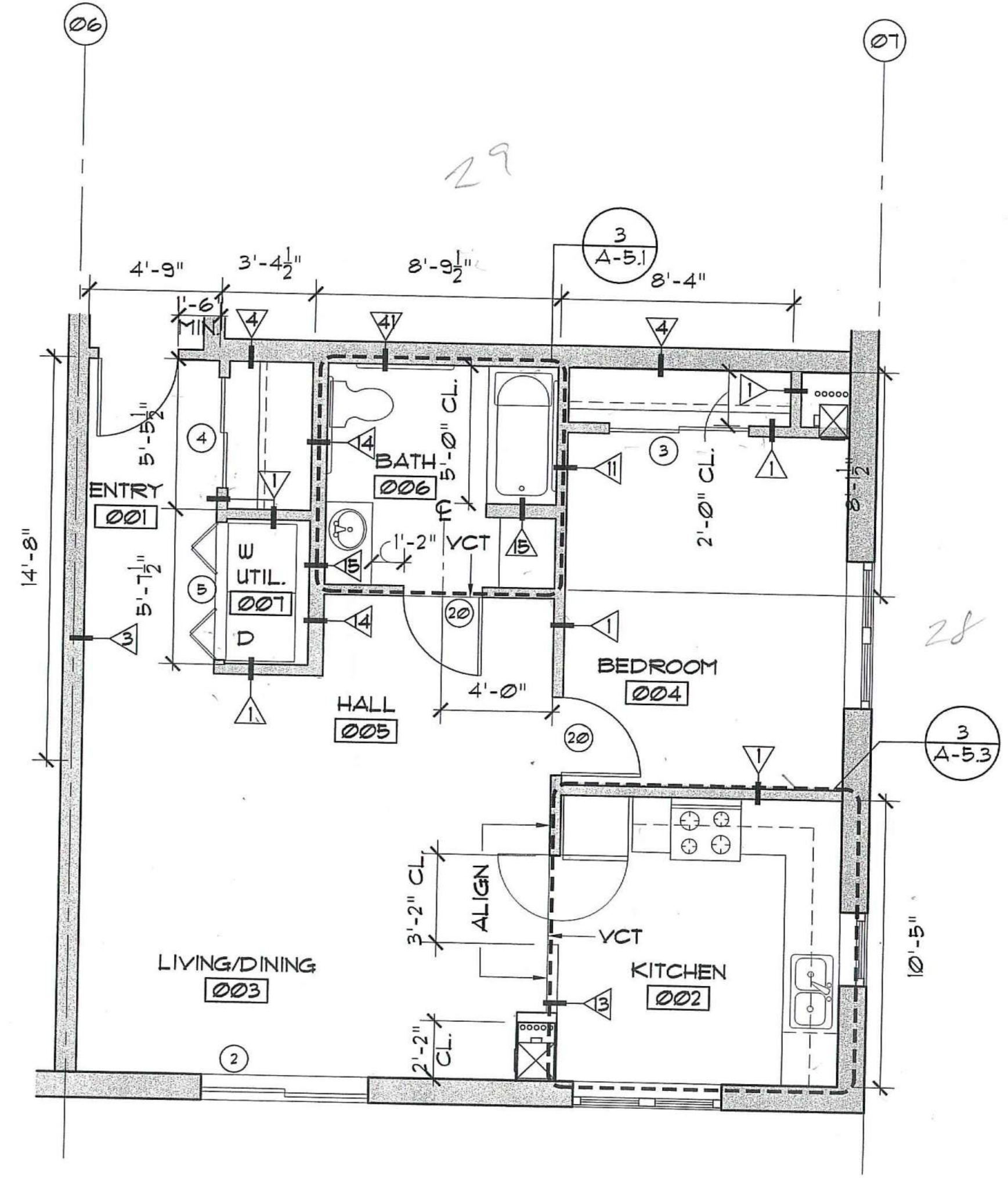
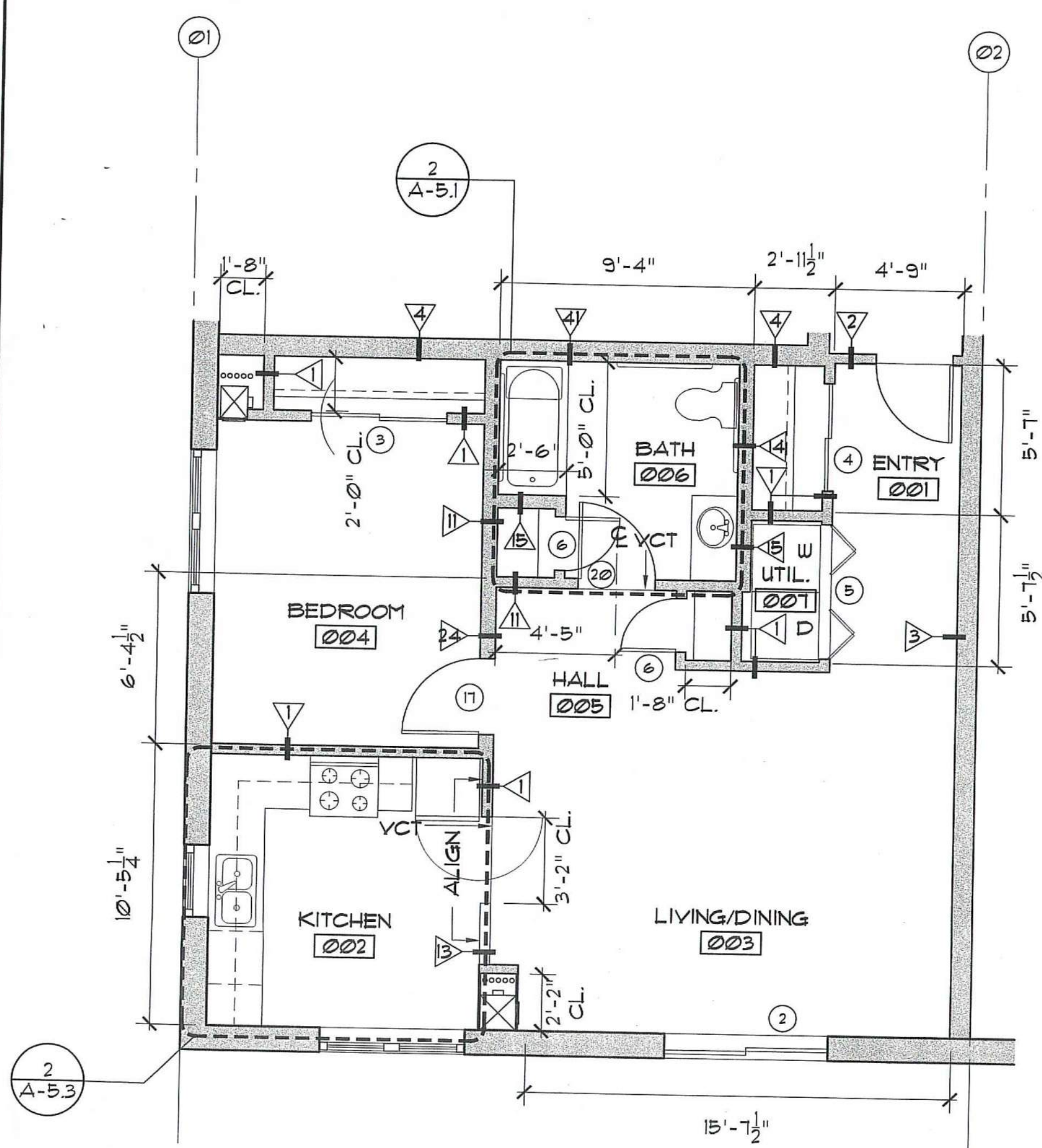
1. DOORS ARE 4" OFF ADJACENT WALL UNLESS OTHERWISE NOTED.
2. ALL DIMENSIONS ARE TO FACE OF STUD UNLESS NOTED "CLEAR" WHICH DENOTES FINISH DIMENSION.
3. SEE SHEET A-6.2 FOR PARTITION TYPES

FHA UNIT PLAN NOTES:

1. FOR FHA REQUIREMENTS RELATING TO KITCHENS AND BATHROOMS, SEE A5.1-A5.4
2. ALL DOORS MUST HAVE A MINIMUM CLEAR WIDTH OF 32"
3. ALL CONTROLS, SWITCHES AND OUTLETS MUST BE LOCATED BETWEEN 15" AFF AND 48" AFF TO THEIR CENTERLINE.
4. THE PUBLIC SIDE OF ALL DWELLING UNIT ENTRY DOORS MUST COMPLY WITH ANSI 4.13.

UFAS UNIT PLAN NOTES:

1. FOR UFAS REQUIREMENTS RELATING TO KITCHENS AND BATHROOMS, SEE A5.1-A5.4.
2. DWELLING UNIT ENTRY DOORS TO THE UNITS SHALL COMPLY WITH UFAS 4.14.
3. STORAGE IN THE DWELLING UNIT SHALL COMPLY WITH UFAS 4.25. CLOTHES RODS SHALL BE A MAXIMUM OF 54" AFF. SHELVES SHALL BE MOUNTED A MINIMUM OF 9" AFF.
4. ALL CONTROLS, SWITCHES AND OUTLETS SHALL COMPLY FHA 4.27 AND BE LOCATED NO LESS THAN 15" AFF.



GROSS AREA = 750 SF
NETAREA = 697 SF

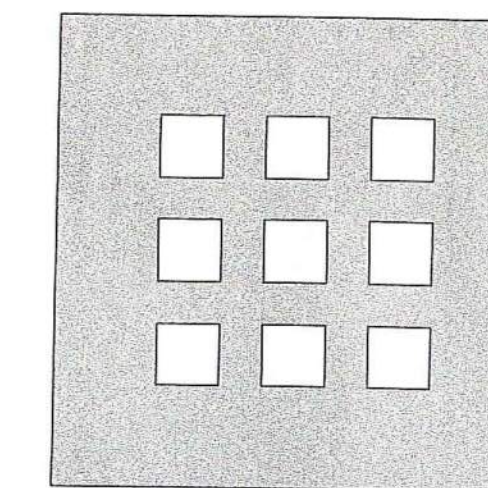
GROSS AREA = 778 SF
NETAREA = 725 SF

GROSS AREA = 752 SF
NETAREA = 698 SF

1 UNIT B' ENLARGED PLAN
SCALE: 1/4" = 1'-0" FHA COMPLIANT

2 UNIT C ENLARGED PLAN
SCALE: 1/4" = 1'-0" UFAS COMPLIANT

3 UNIT D ENLARGED PLAN
SCALE: 1/4" = 1'-0" FHA COMPLIANT



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ENLARGED UNIT TYPE PLANS

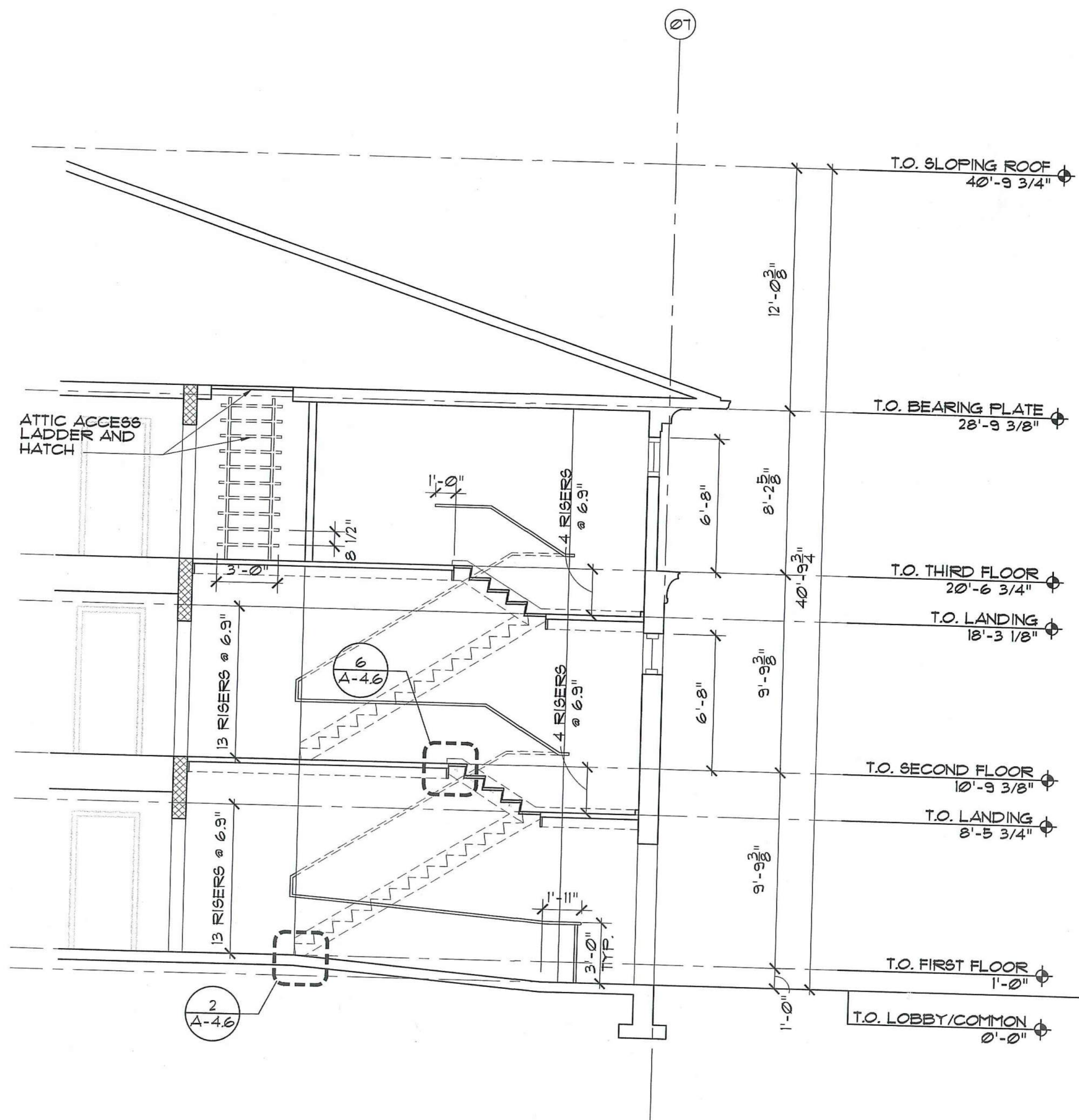
Scale 1" = 4'

File Name A-4.1
Drawn By RB
Checked By MP
Job No. 2101.1
Date 06-24-02

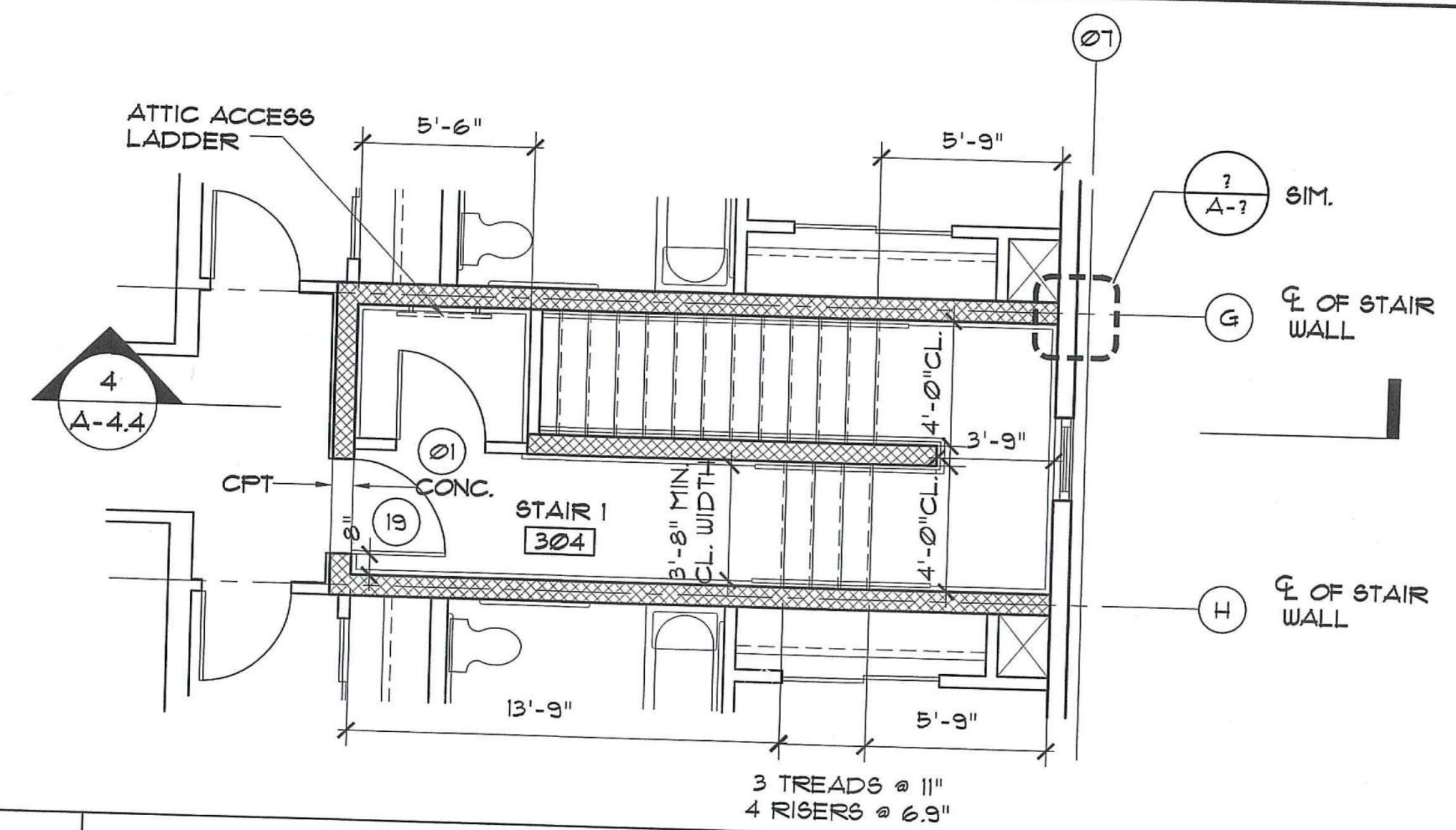


Fernando J. Domenech, Jr.
Drawing No.

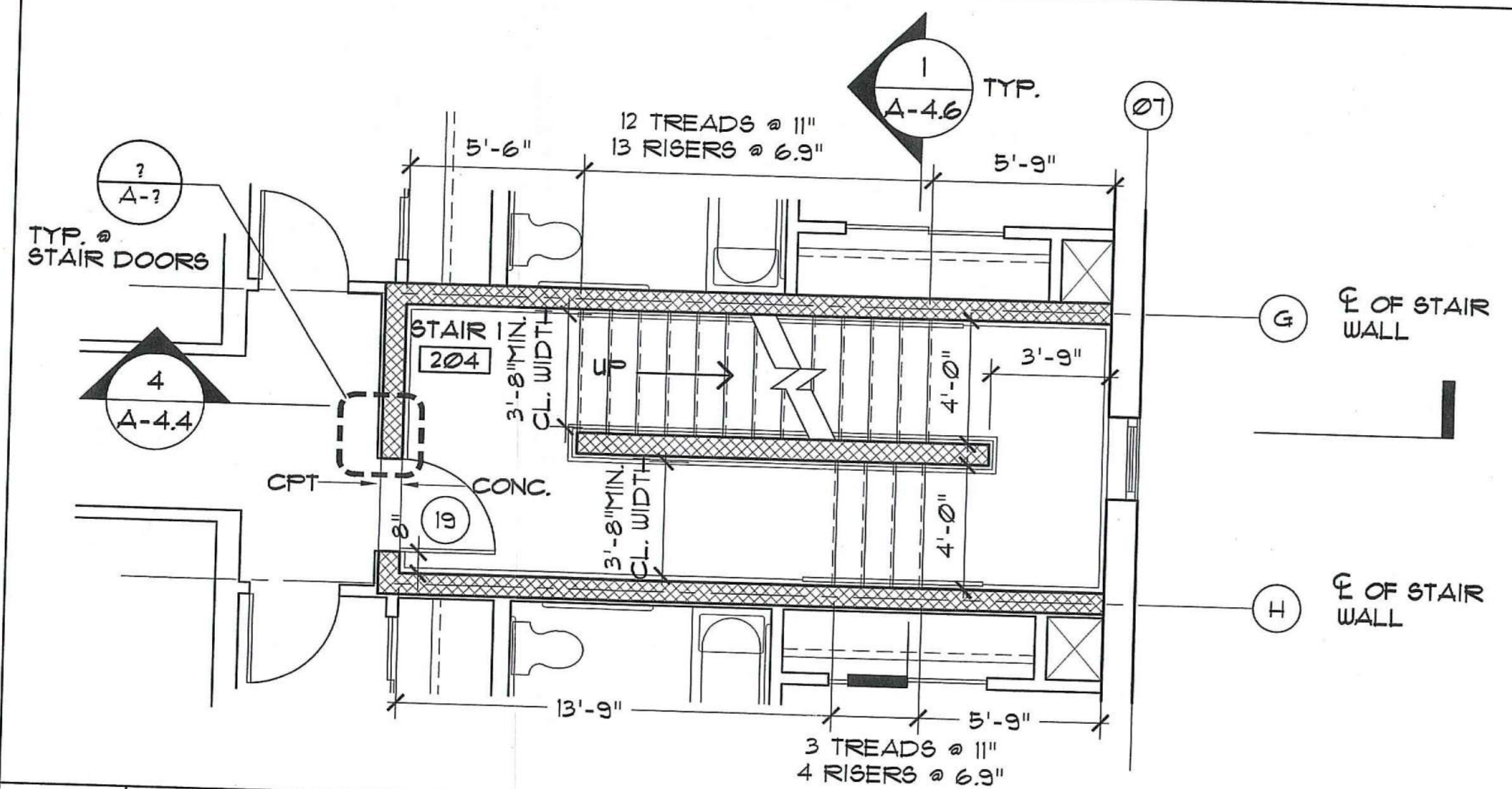
A-4.2



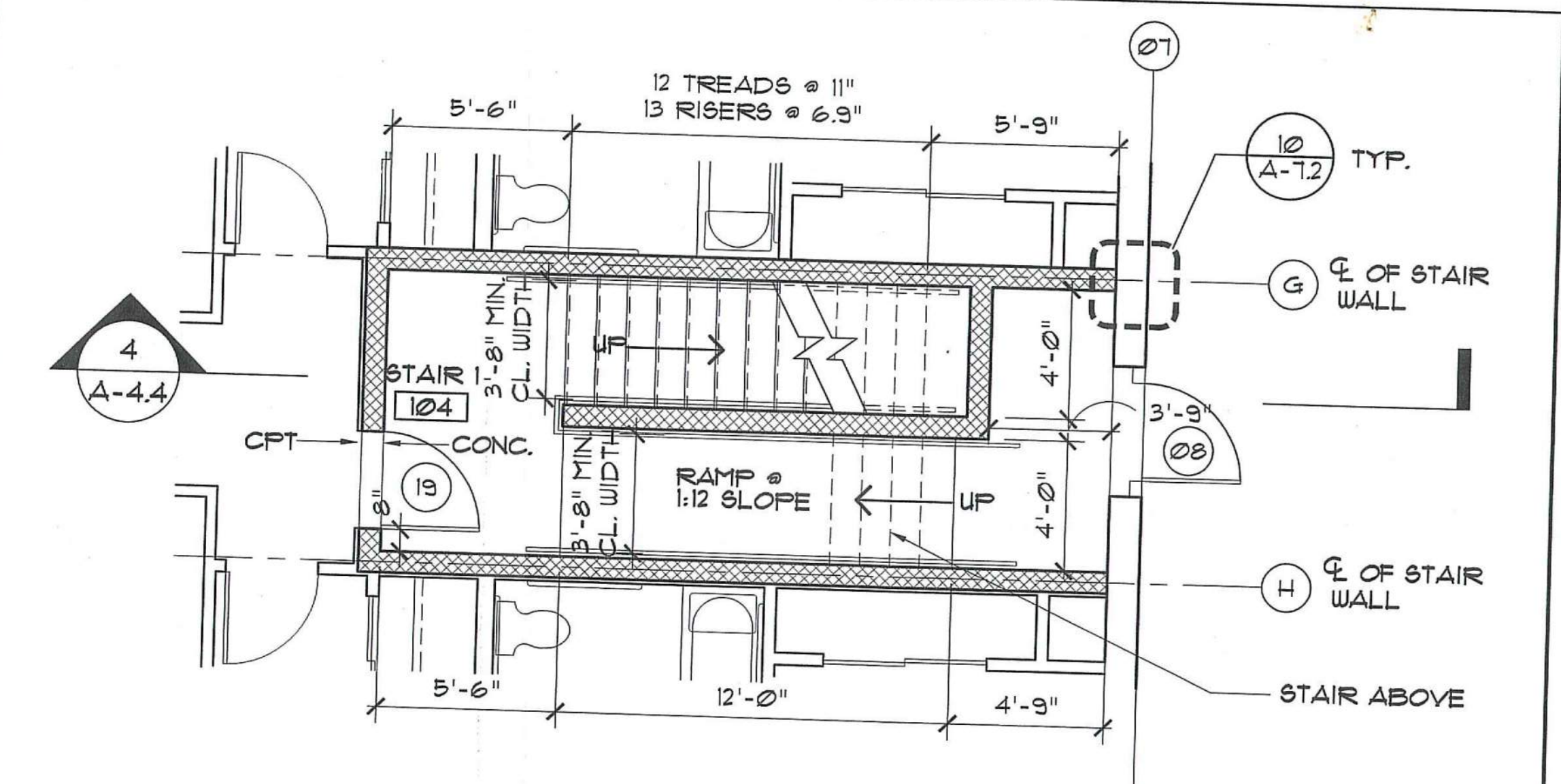
4 STAIR 1 - SECTION
SCALE: 1/4" = 1'-0"



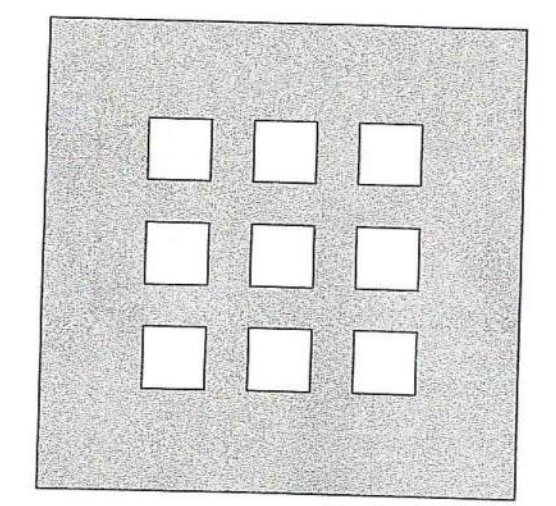
3 STAIR 1 - ENLARGED PLAN - THIRD FLOOR
SCALE: 1/4" = 1'-0"



2 STAIR 1 - ENLARGED PLAN - SECOND FLOOR
SCALE: 1/4" = 1'-0"



1 STAIR 1 - ENLARGED PLAN - FIRST FLOOR
SCALE: 1/4" = 1'-0"



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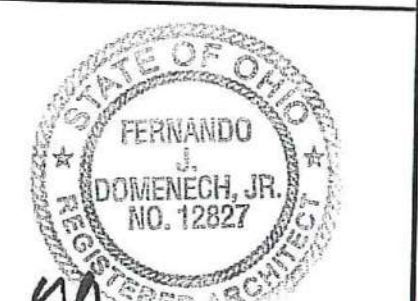
No.	Date	Revision

**DAYTON HOPE VI
SENIOR HOUSING**

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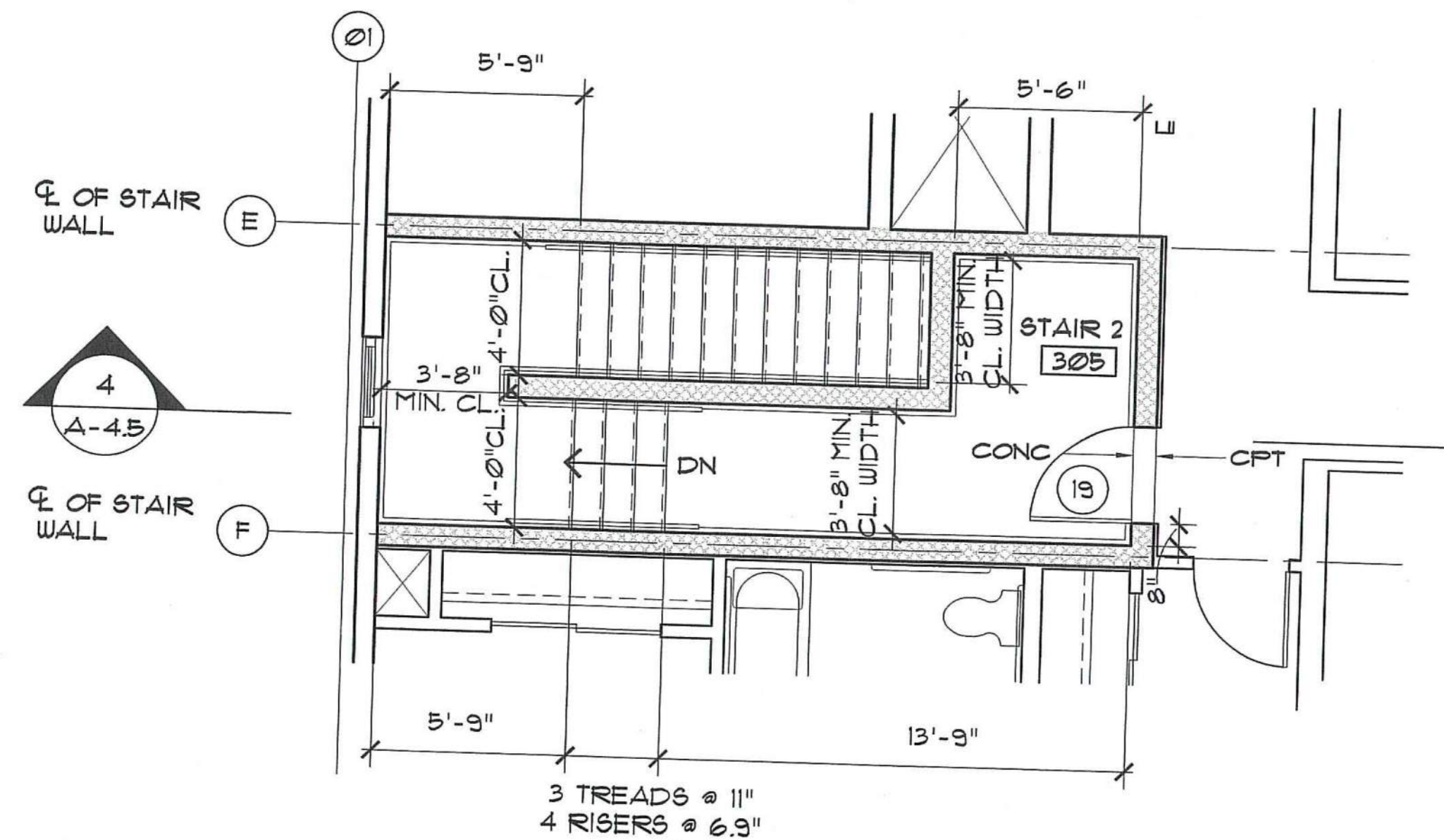
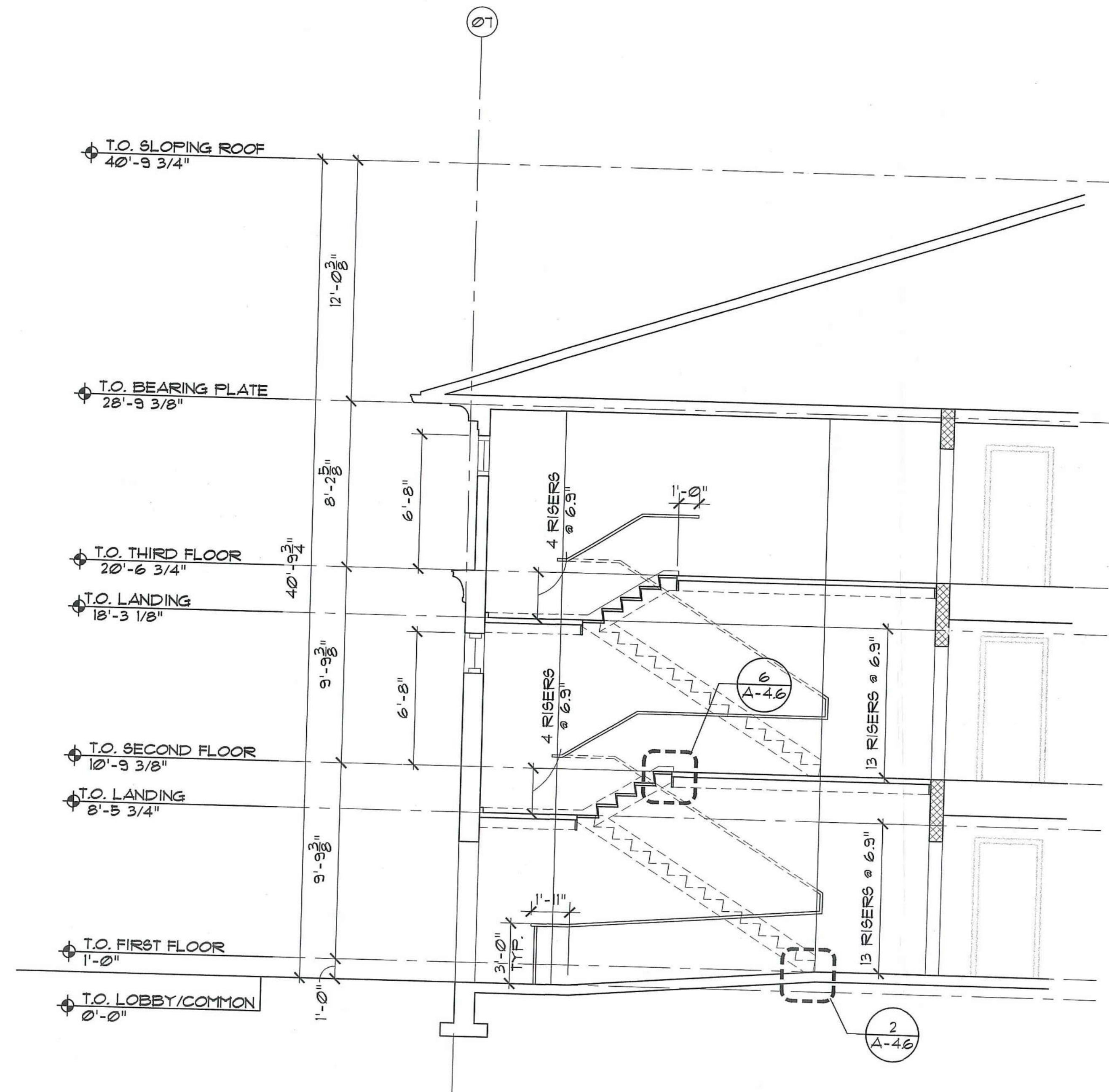
STAIR 1
ENLARGED STAIR PLANS
AND SECTION

Scale: AS NOTED
File Name: A-EP-STR
Drawn By: RB
Checked By: MP
Job No.: 2101.1
Date: 06-24-02

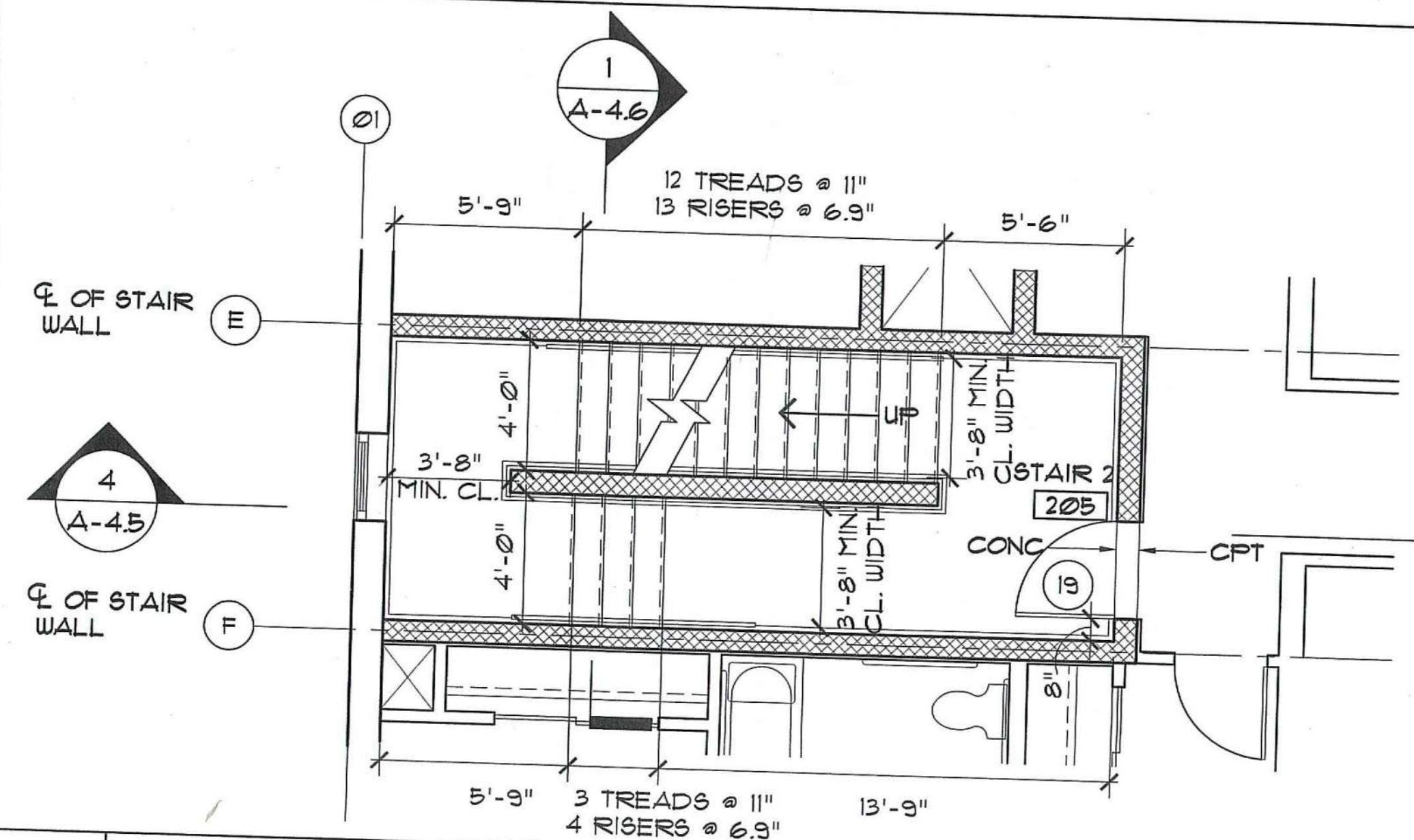


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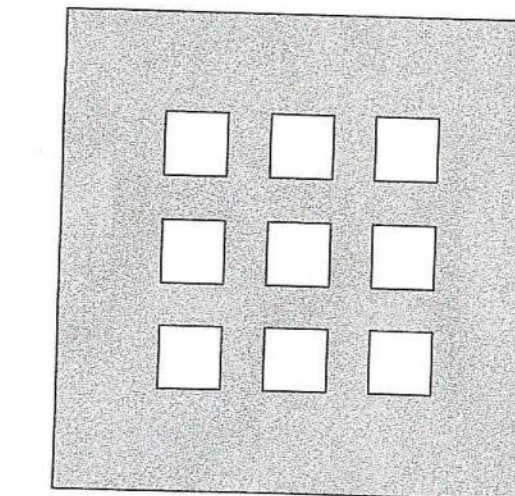
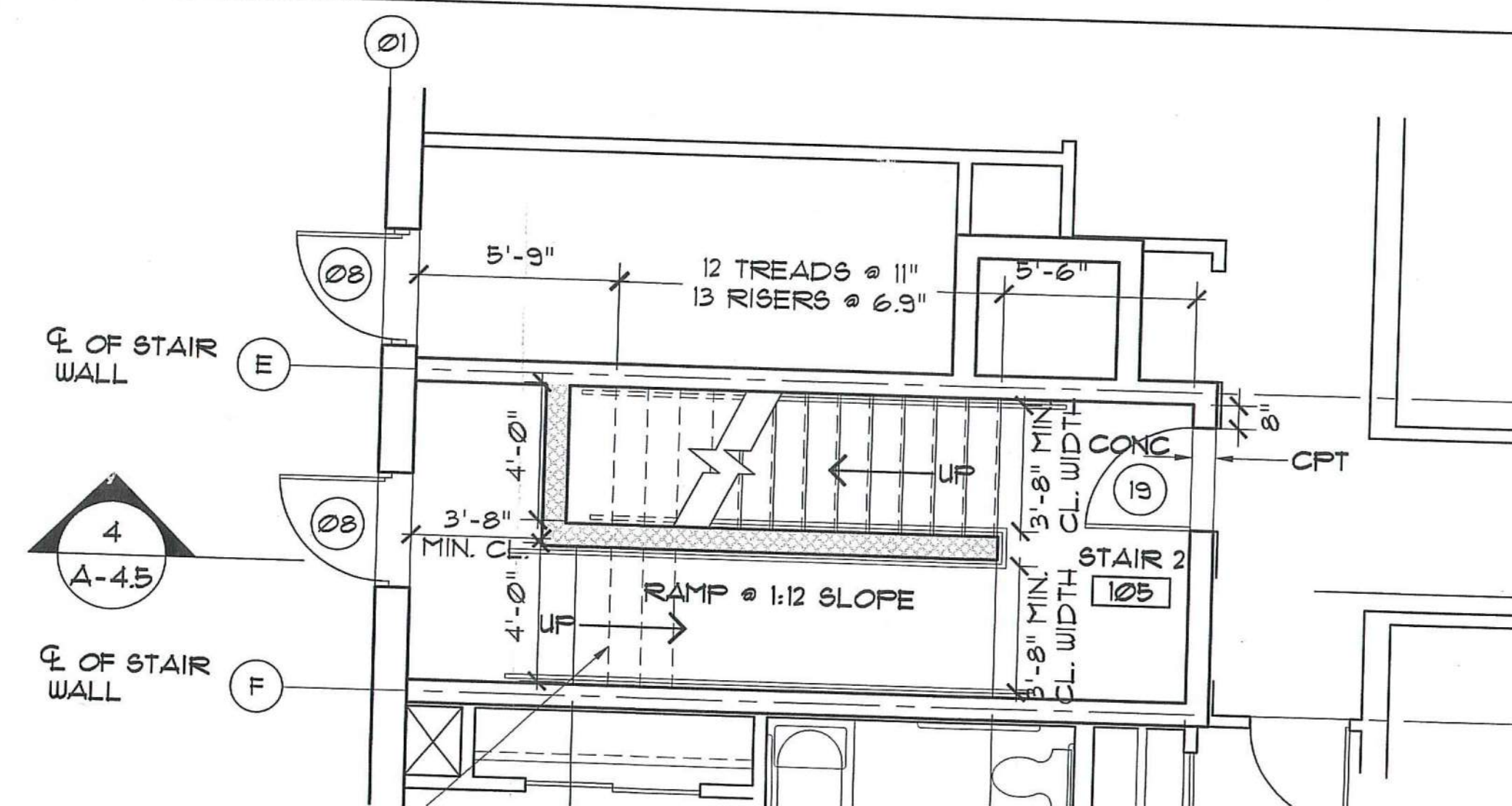
A-4.4



3 STAIR 2 - ENLARGED PLAN - THIRD FLOOR
SCALE: 1/4" = 1'-0"



2 STAIR 2 - ENLARGED PLAN - SECOND FLOOR
SCALE: 1/4" = 1'-0"



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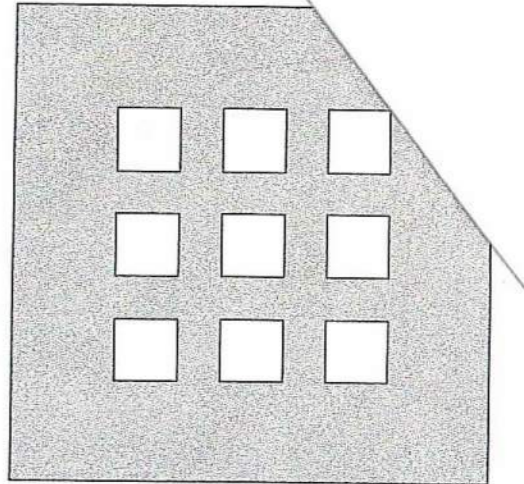
**DAYTON HOPE VI
SENIOR HOUSING**

100% CONSTRUCTION DRAWINGS

STAIR 2
ENLARGED STAIR PLANS
AND SECTION

Scale AS NOTED





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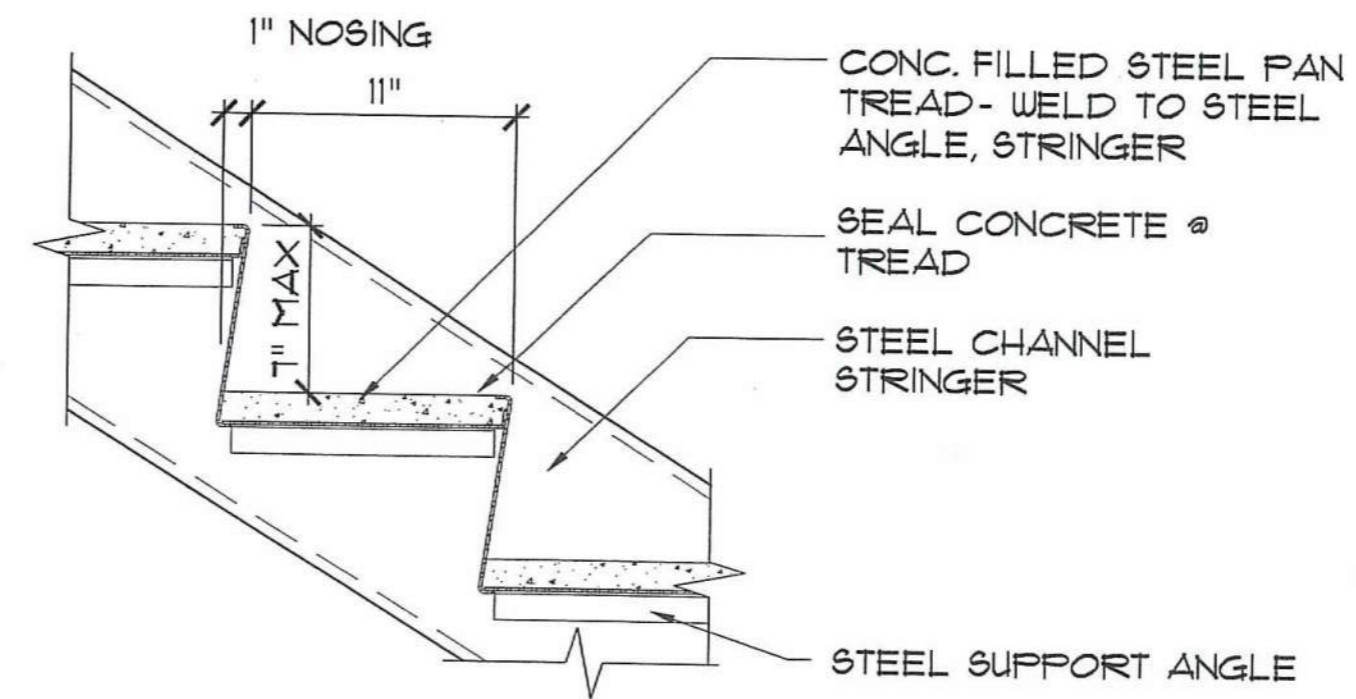
100% CONSTRUCTION DRAWINGS

STAIR DETAILS

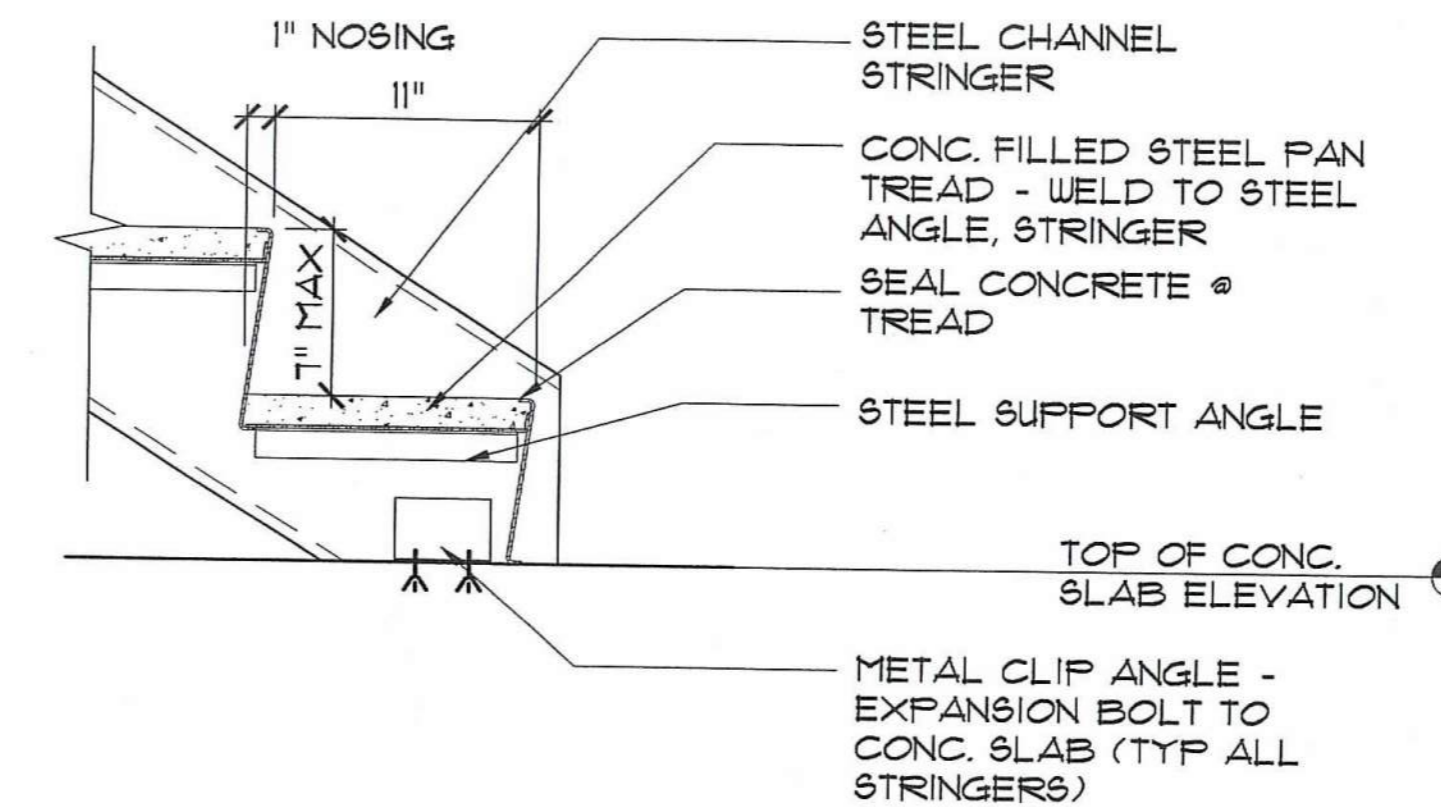
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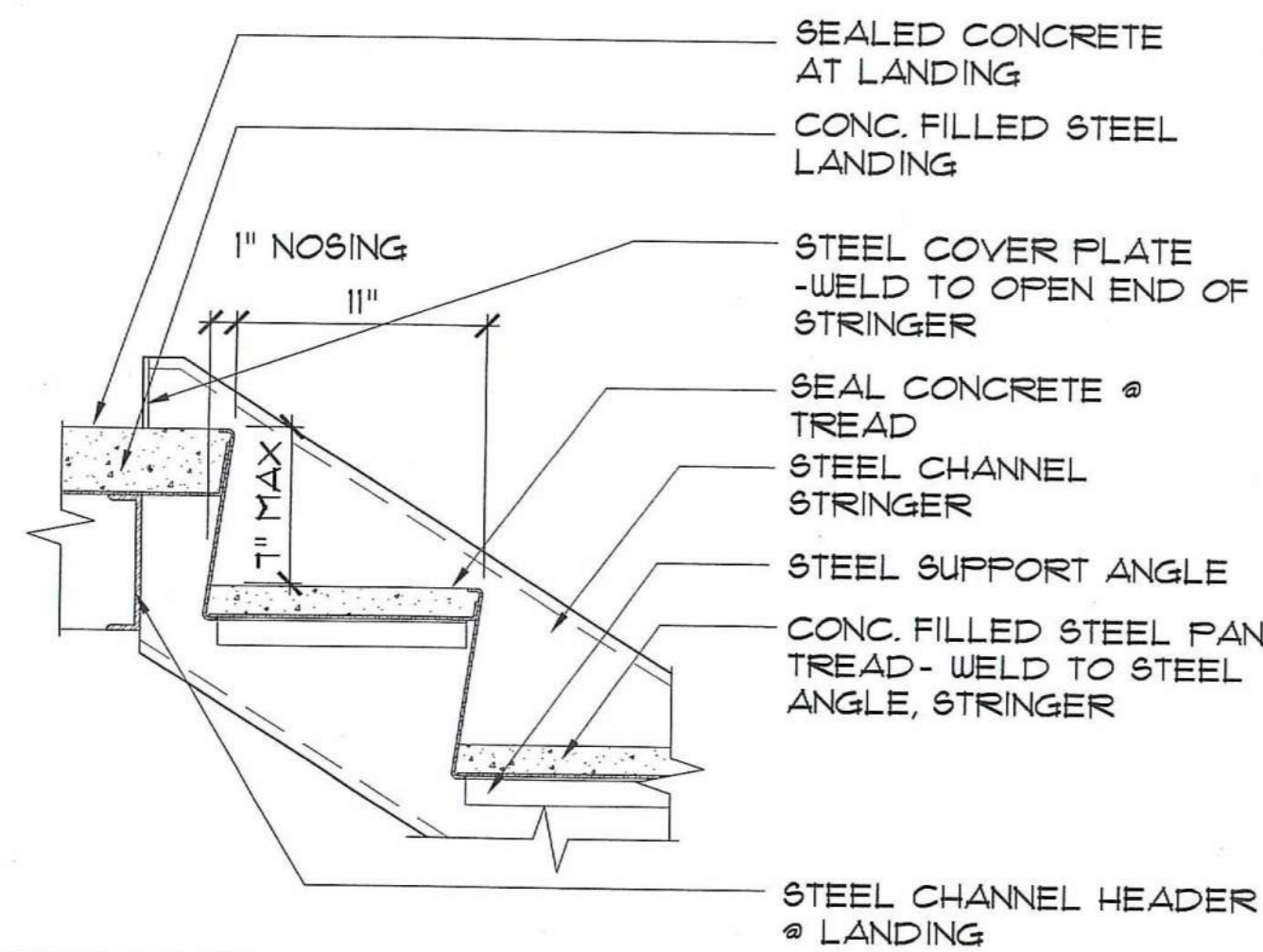
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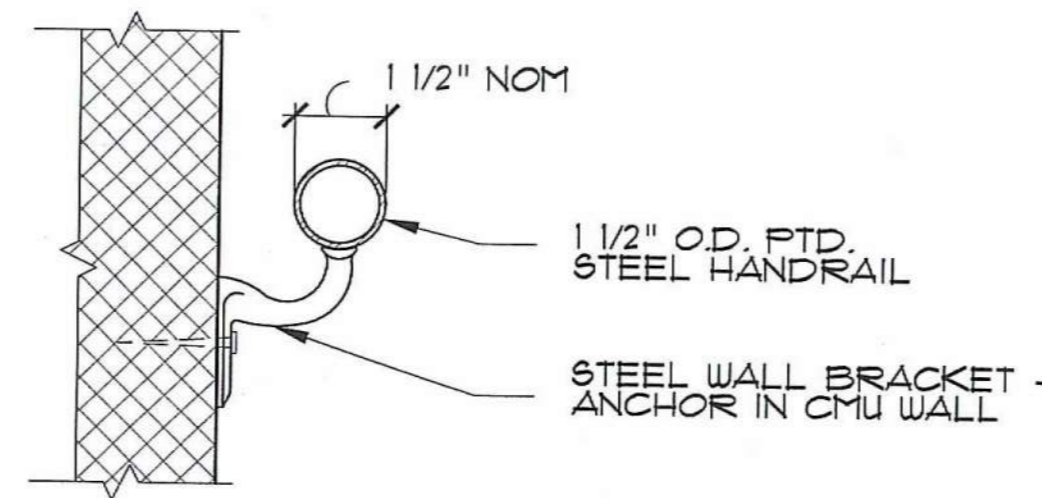
3 TREAD DETAIL
SCALE: 1 1/2" = 1'-0"



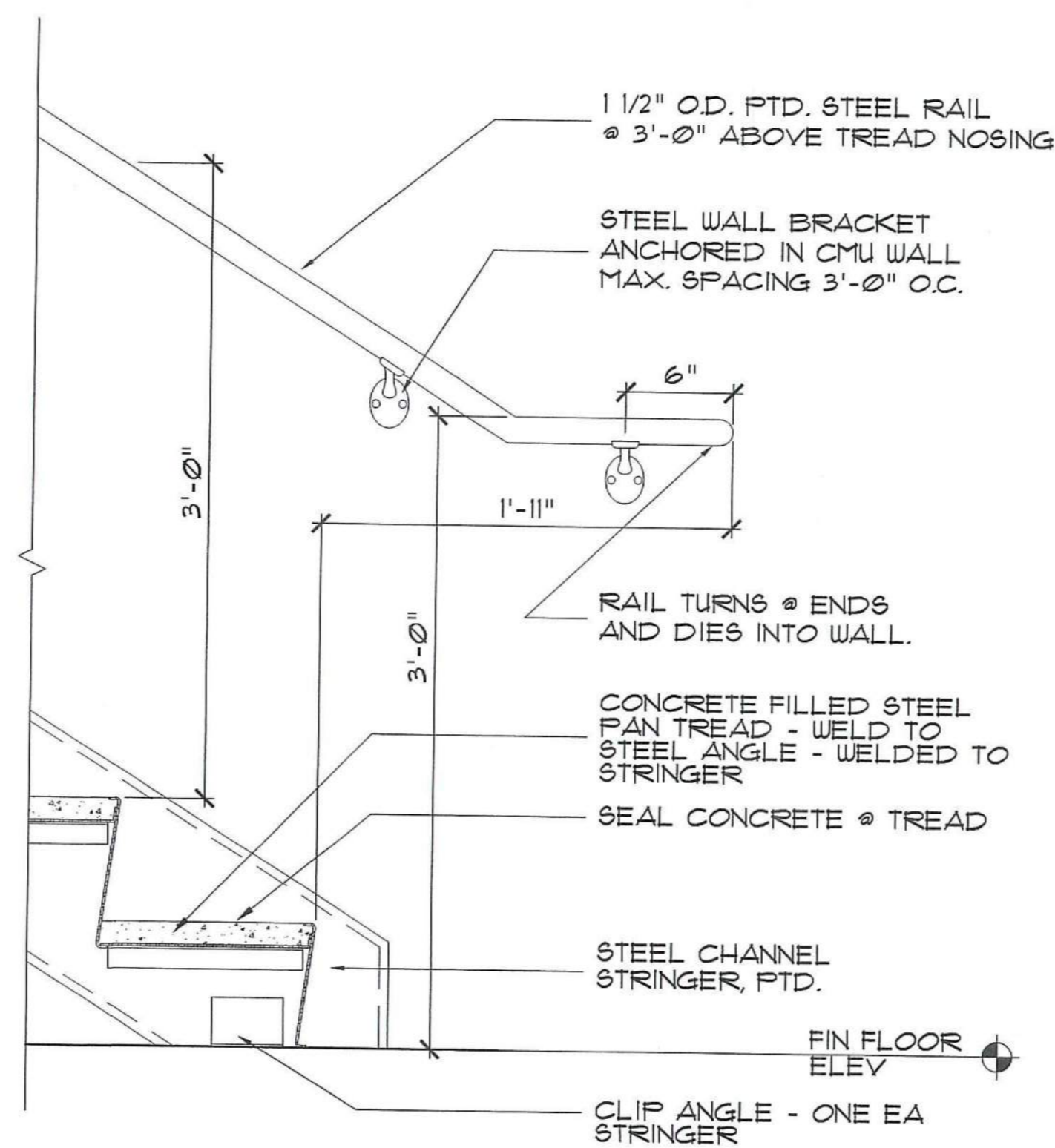
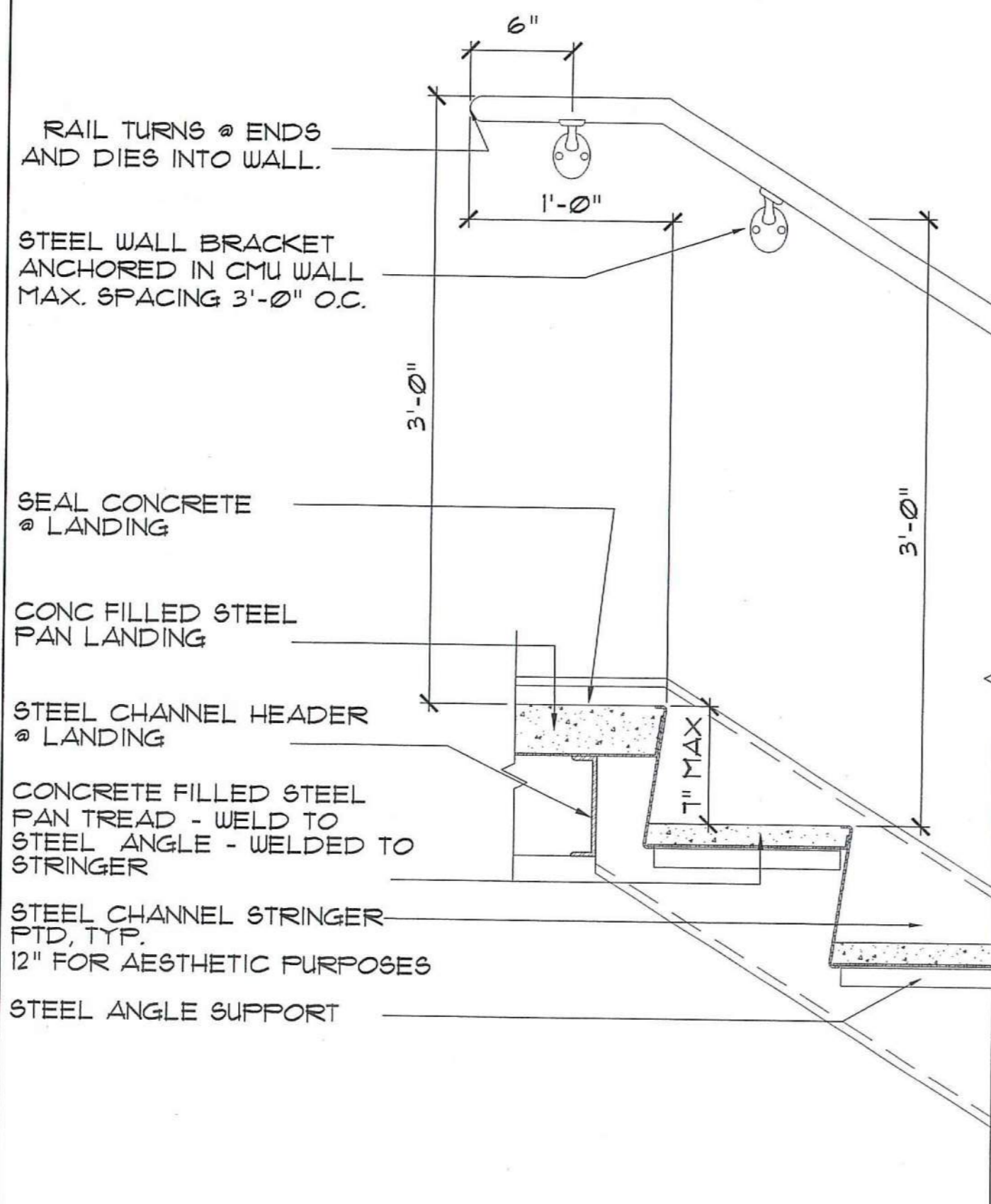
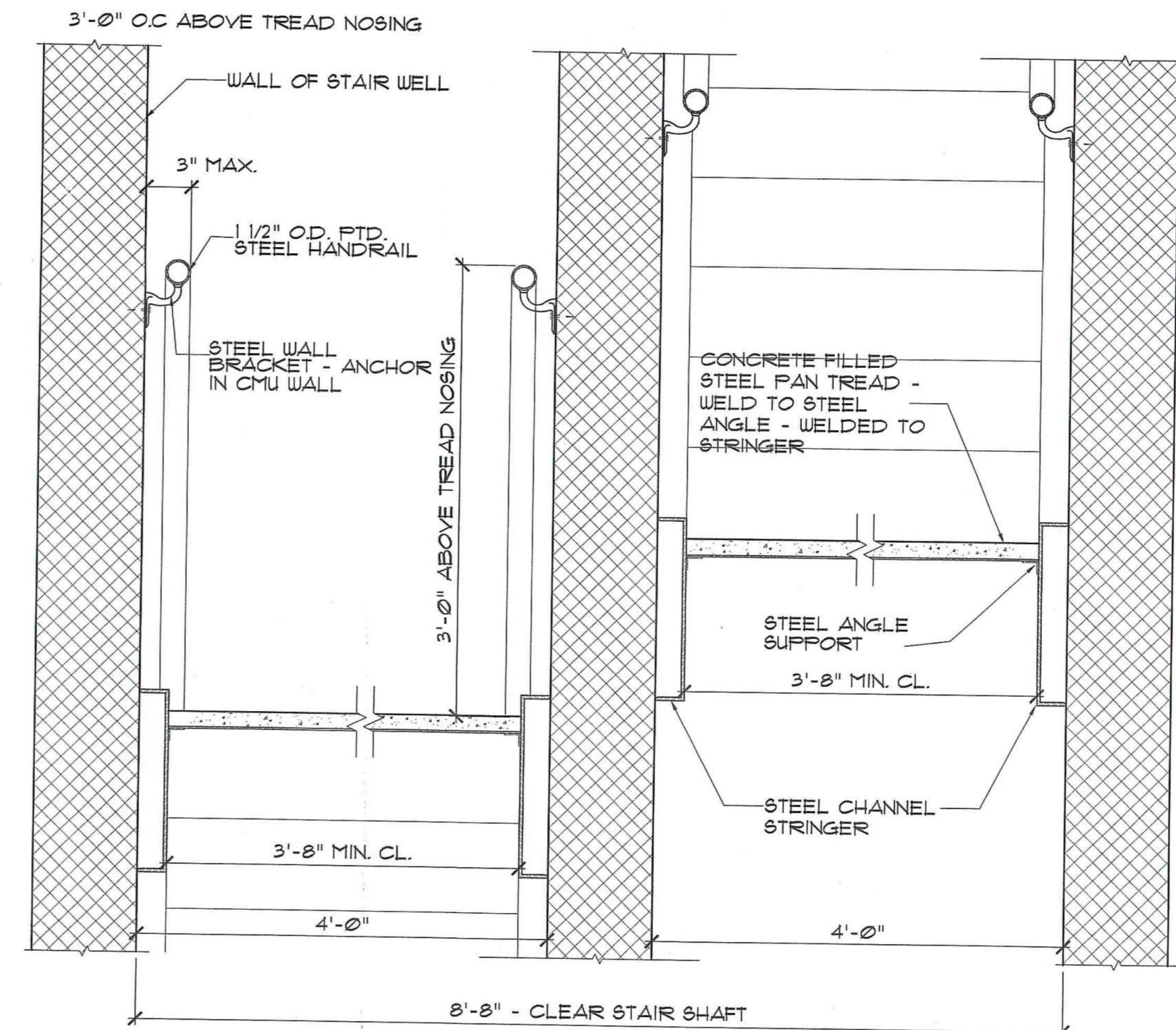
2 DETAIL AT SLAB
SCALE: 1 1/2" = 1'-0"

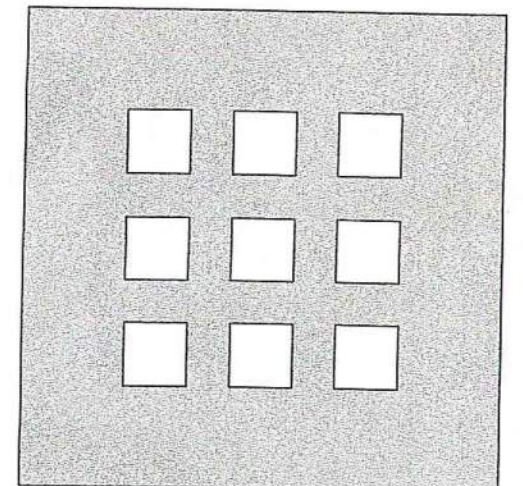


6 DETAIL AT LANDING
SCALE: 1 1/2" = 1'-0"



5 HANDRAIL ATTACHMENT DETAIL
SCALE: 3" = 1'-0"





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**DAYTON HOPE VI
SENIOR HOUSING**

100% CONSTRUCTION DRAWINGS

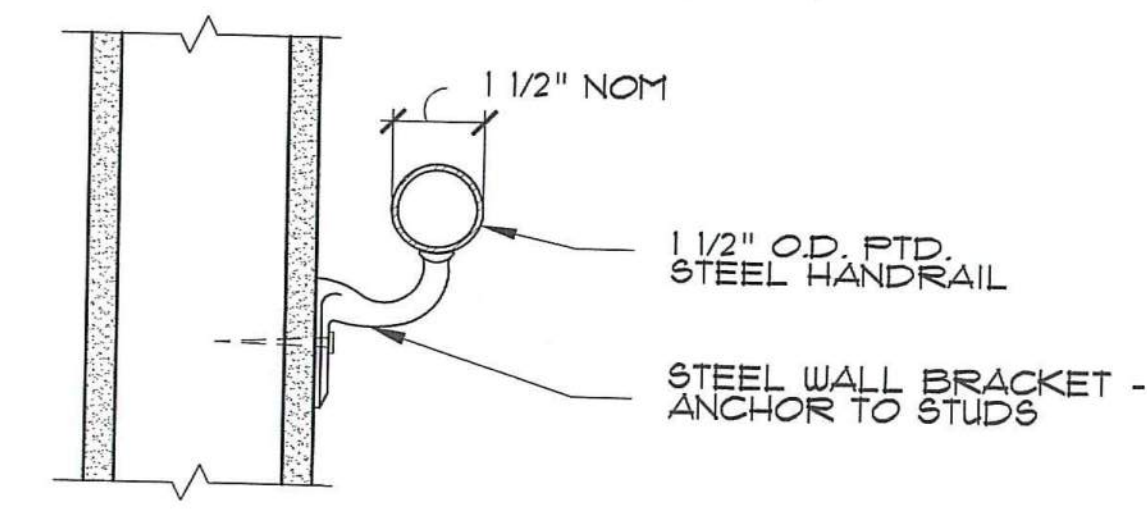
**FIRST FLOOR RAMP
ENLARGED PLANS
AND DETAILS**

Scale	AS NOTED
File Name	A-EP-STR
Drawn By	RB
Checked By	MP
Job No.	2101.1
Date	06 24 02

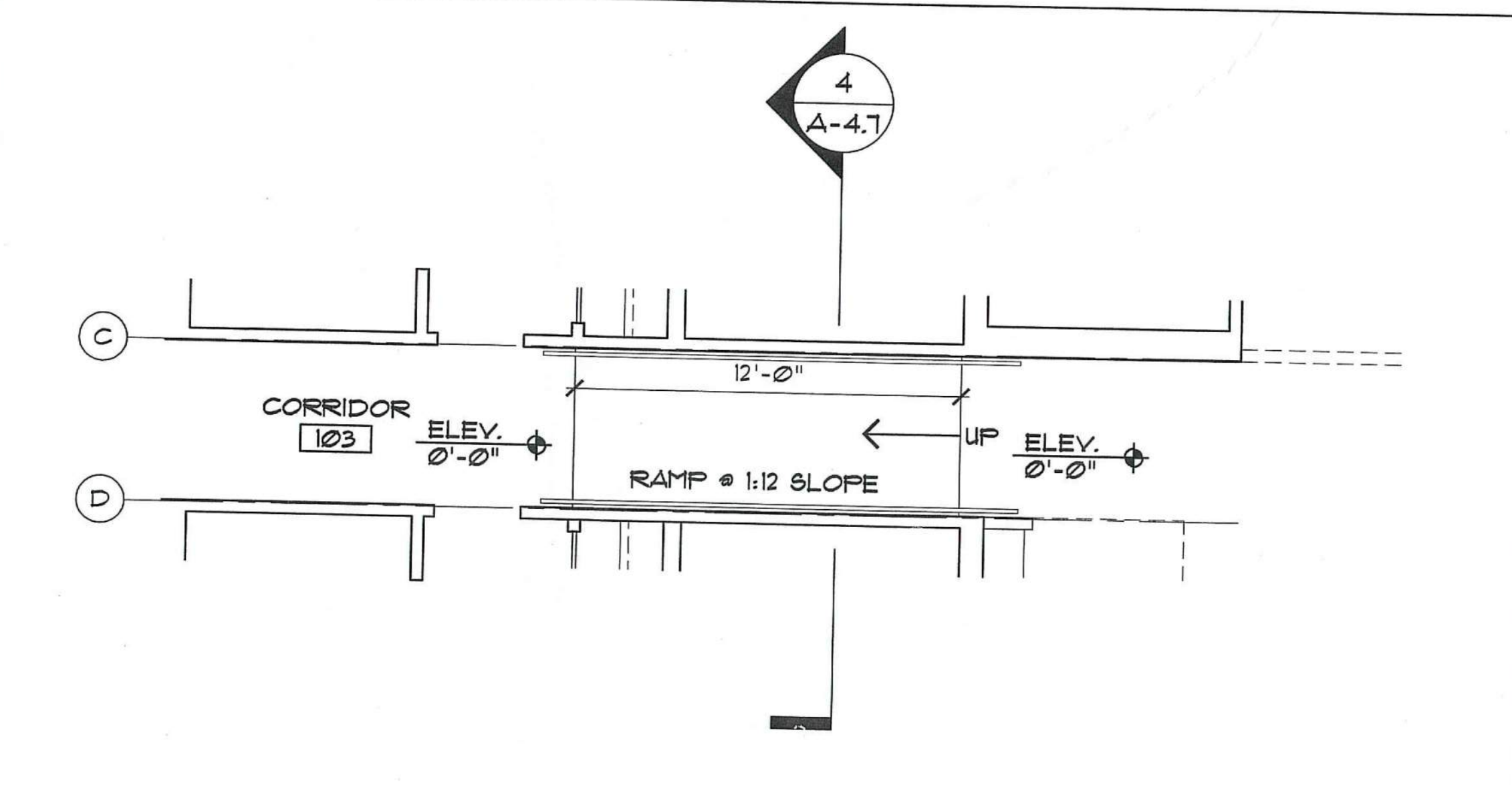


Fernando Domenech, Jr.

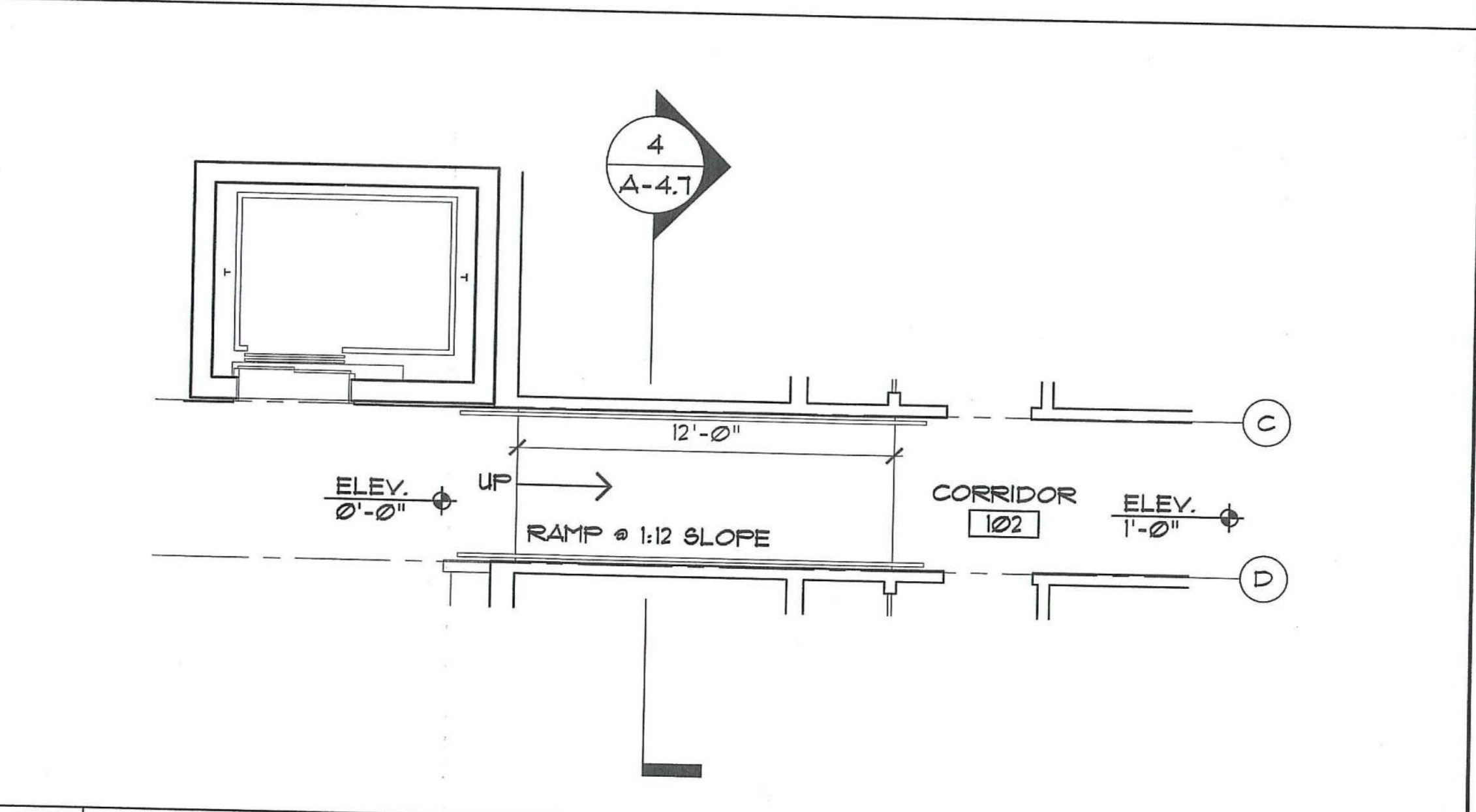
A-4.7



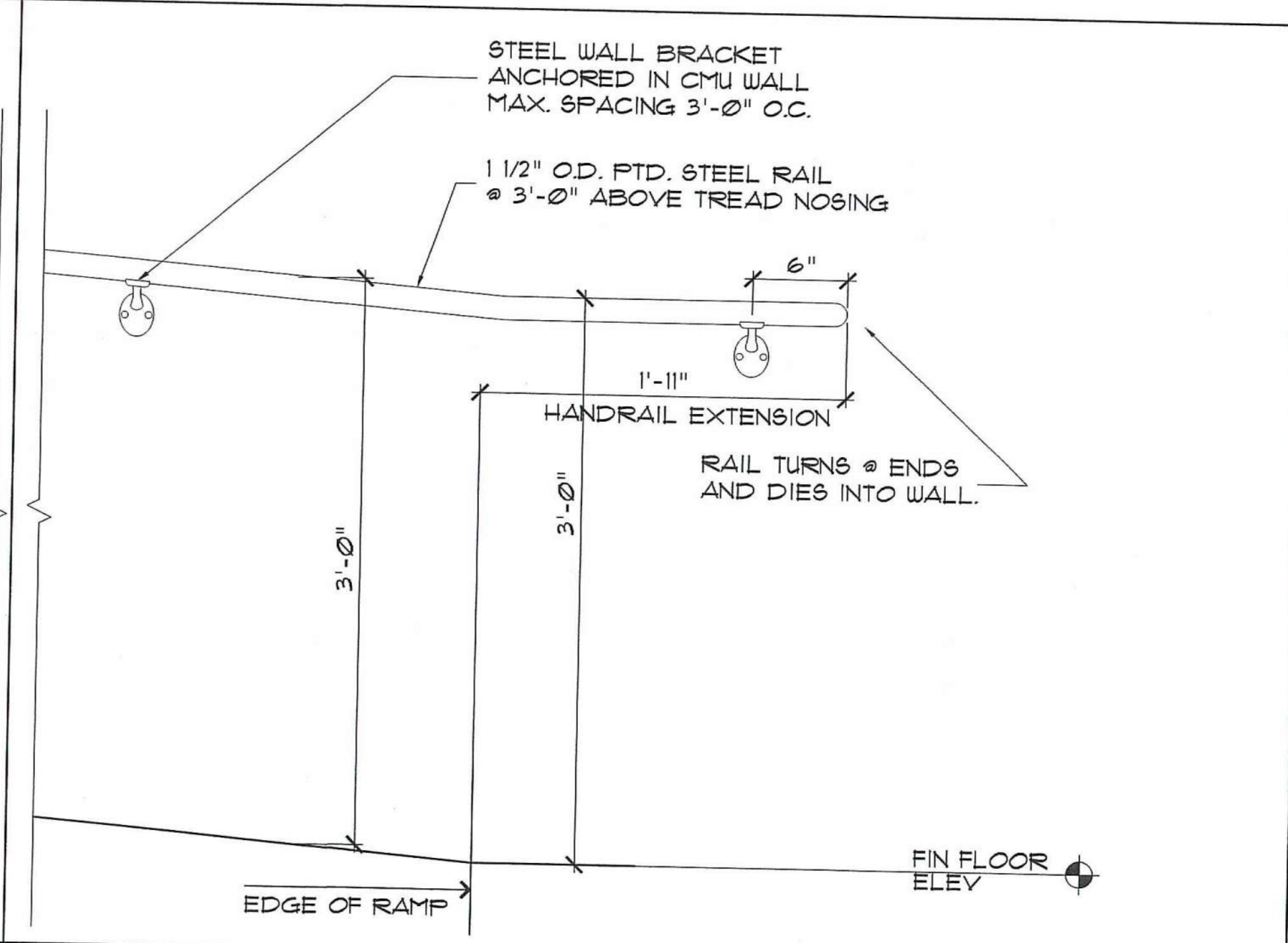
3 HANDRAIL ATTACHMENT DETAIL
SCALE: 3" = 1'-0"



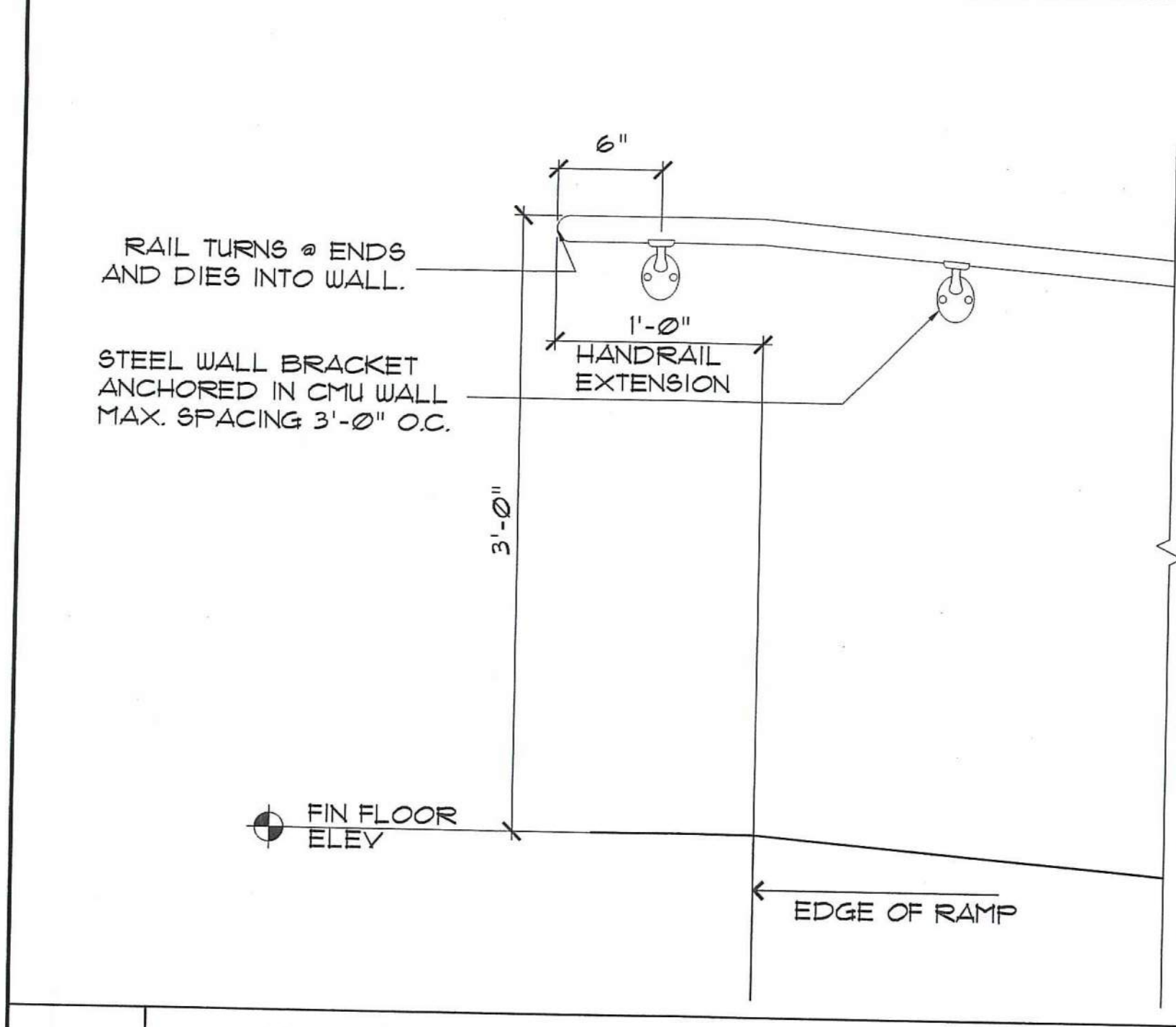
2 RAMP AT CORRIDOR 103
SCALE: 1/4" = 1'-0"



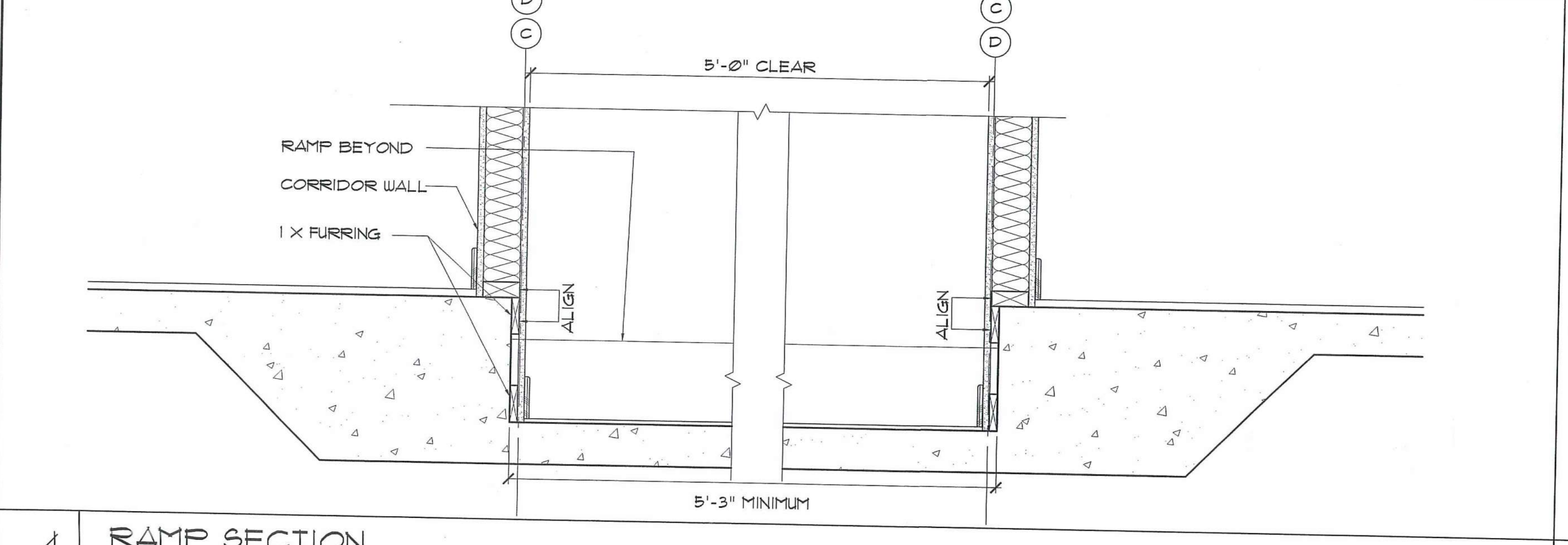
1 RAMP AT CORRIDOR 102
SCALE: 1/4" = 1'-0"



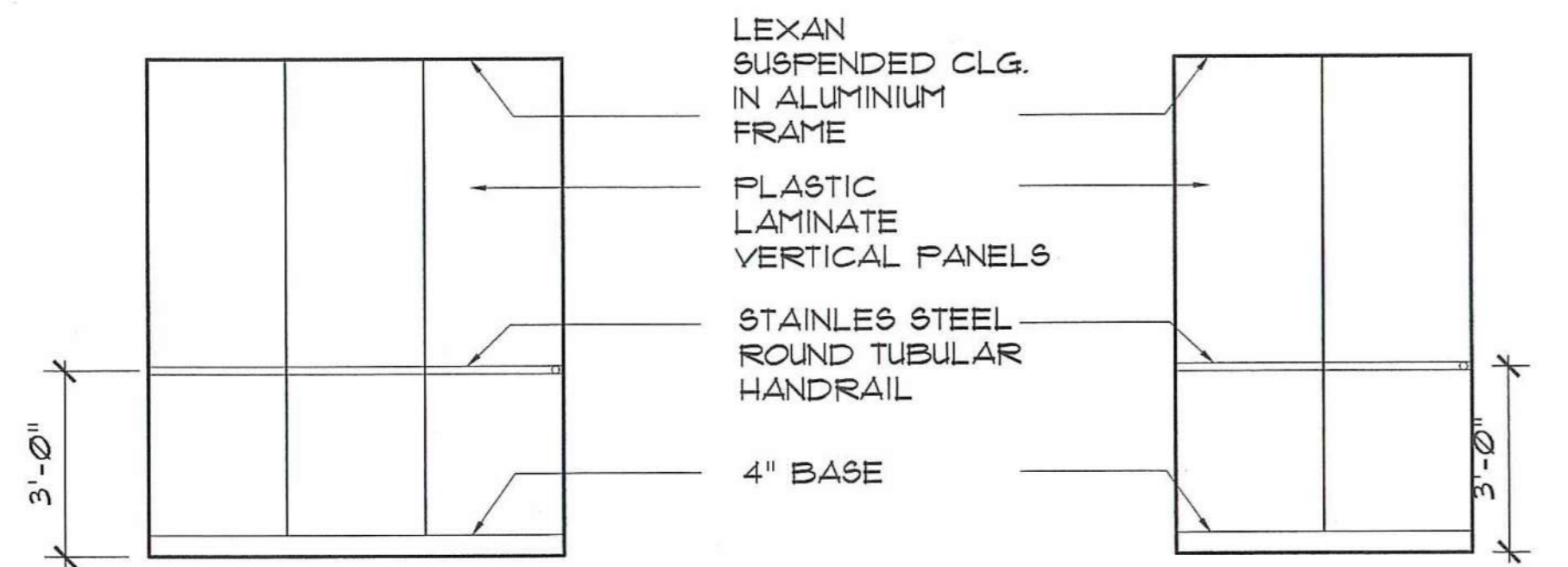
6 RAILINGS AT BOTTOM OF RAMP
SCALE: 1 1/2" = 1'-0"



5 RAILINGS AT TOP OF RAMP
SCALE: 1 1/2" = 1'-0"

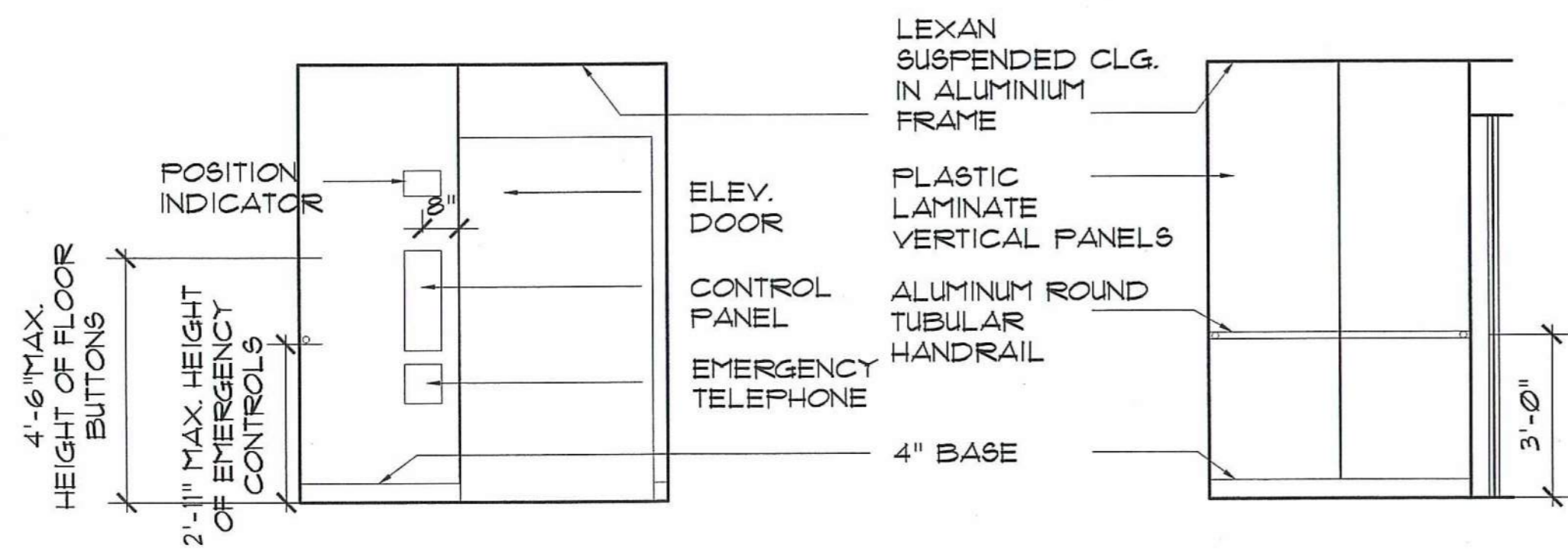


4 RAMP SECTION
SCALE: 1 1/2" = 1'-0"



A ELEVATION A

B ELEVATION B

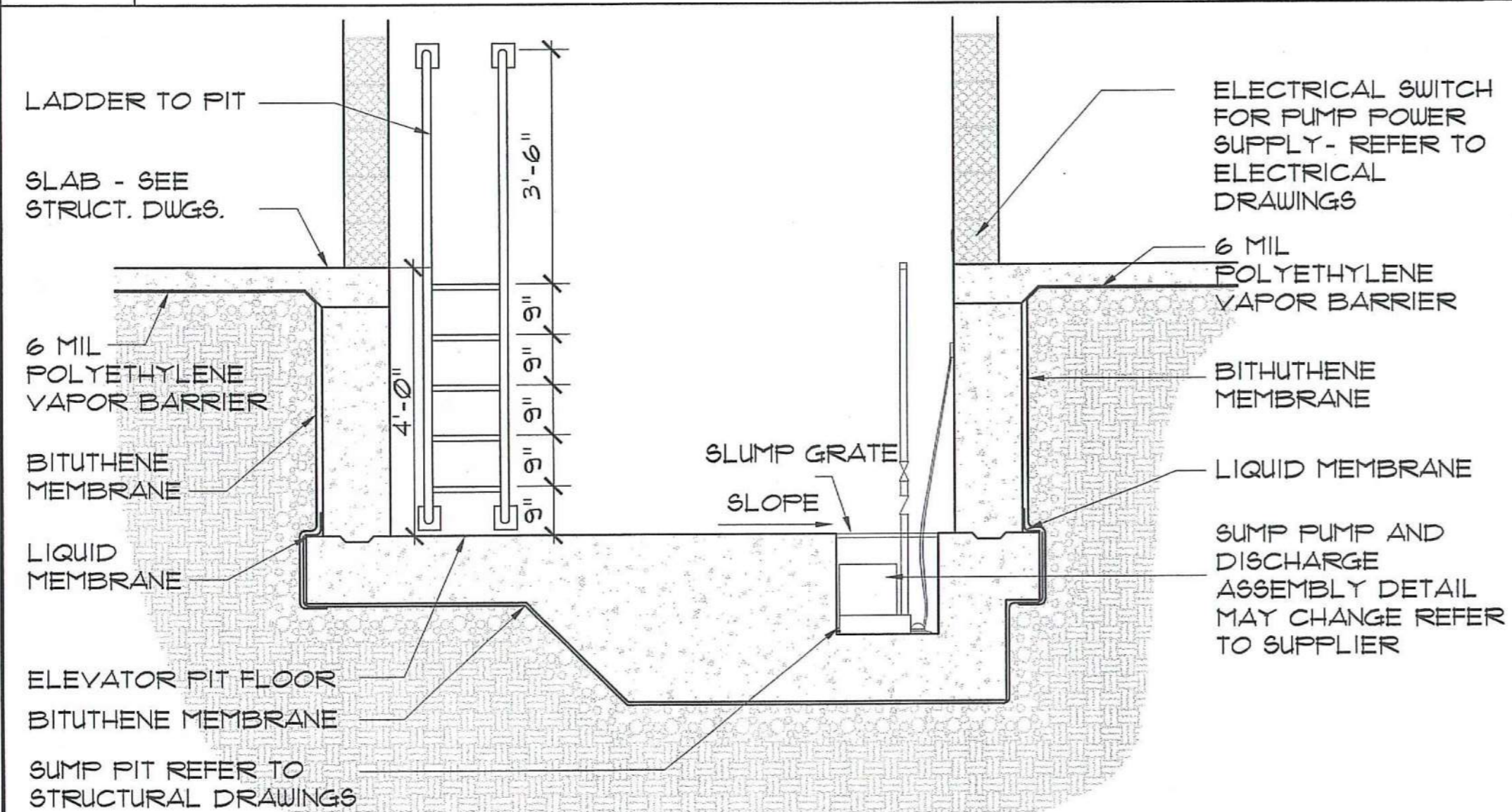


C ELEVATION C

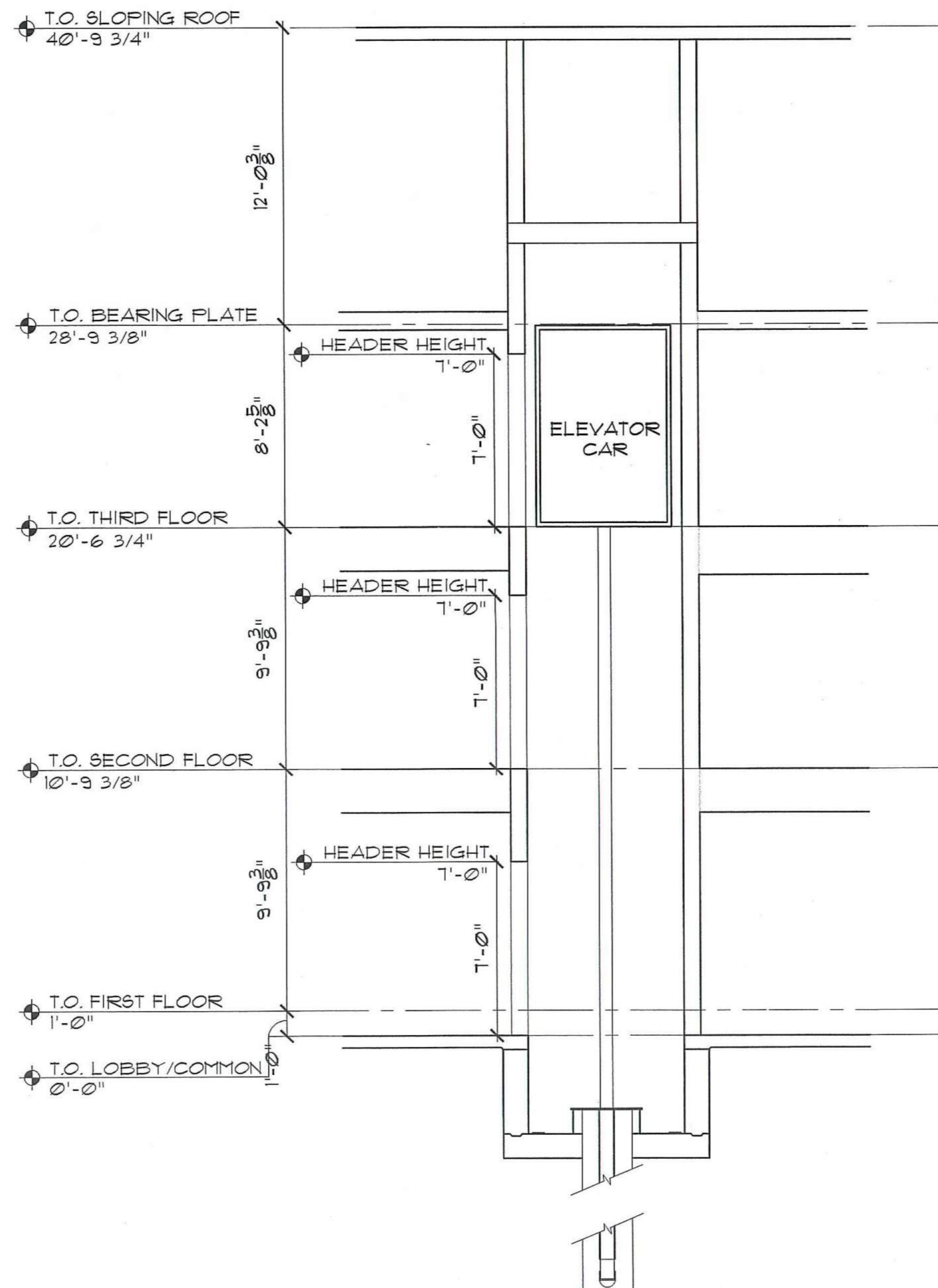
D ELEVATION D

NOTE:
ELEVATIONS ARE TYPICAL
FOR ALL FLOOR LOCATIONS

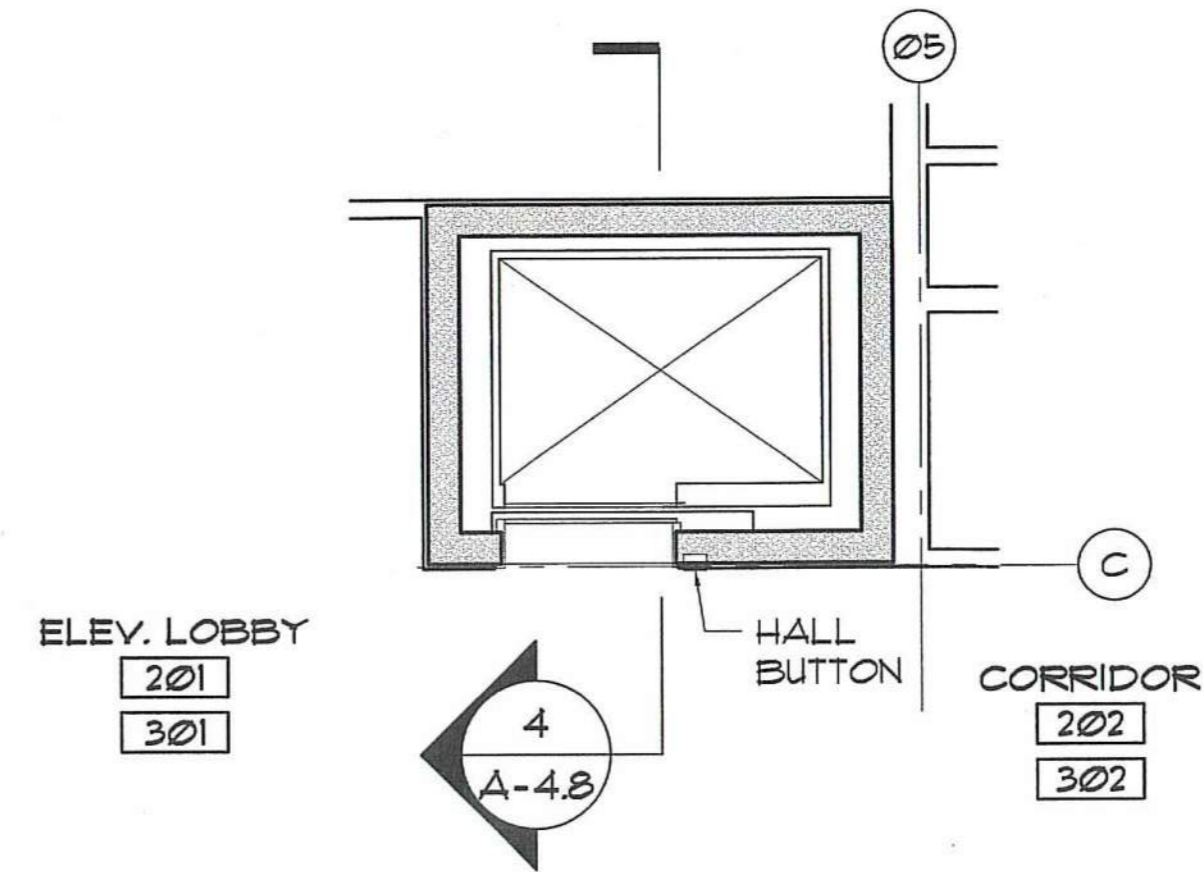
6 INTERIOR ELEVATIONS
SCALE: 3/8" = 1'-0"



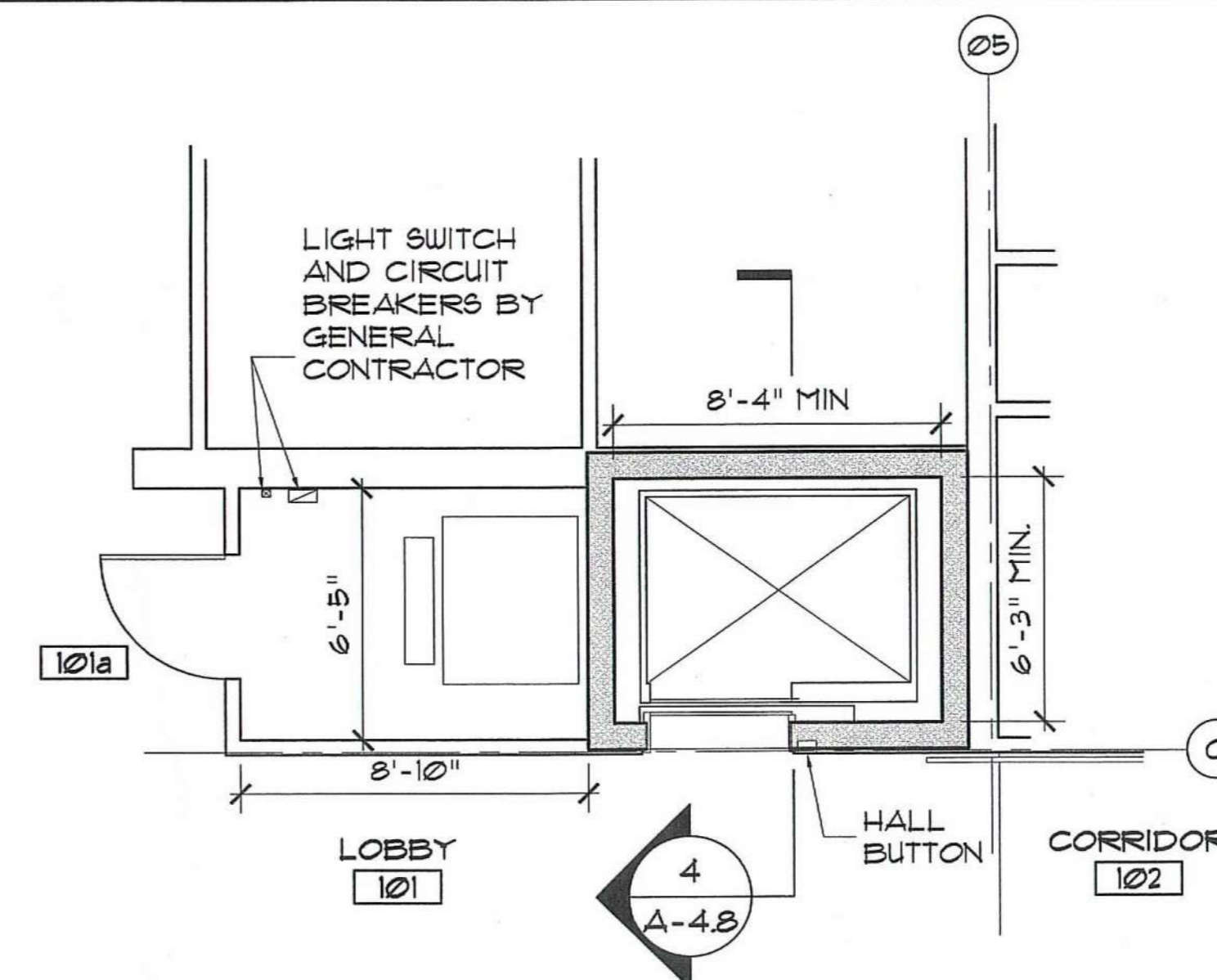
5 SECTION AT ELEVATOR PIT
SCALE: 1/2" = 1'-0"



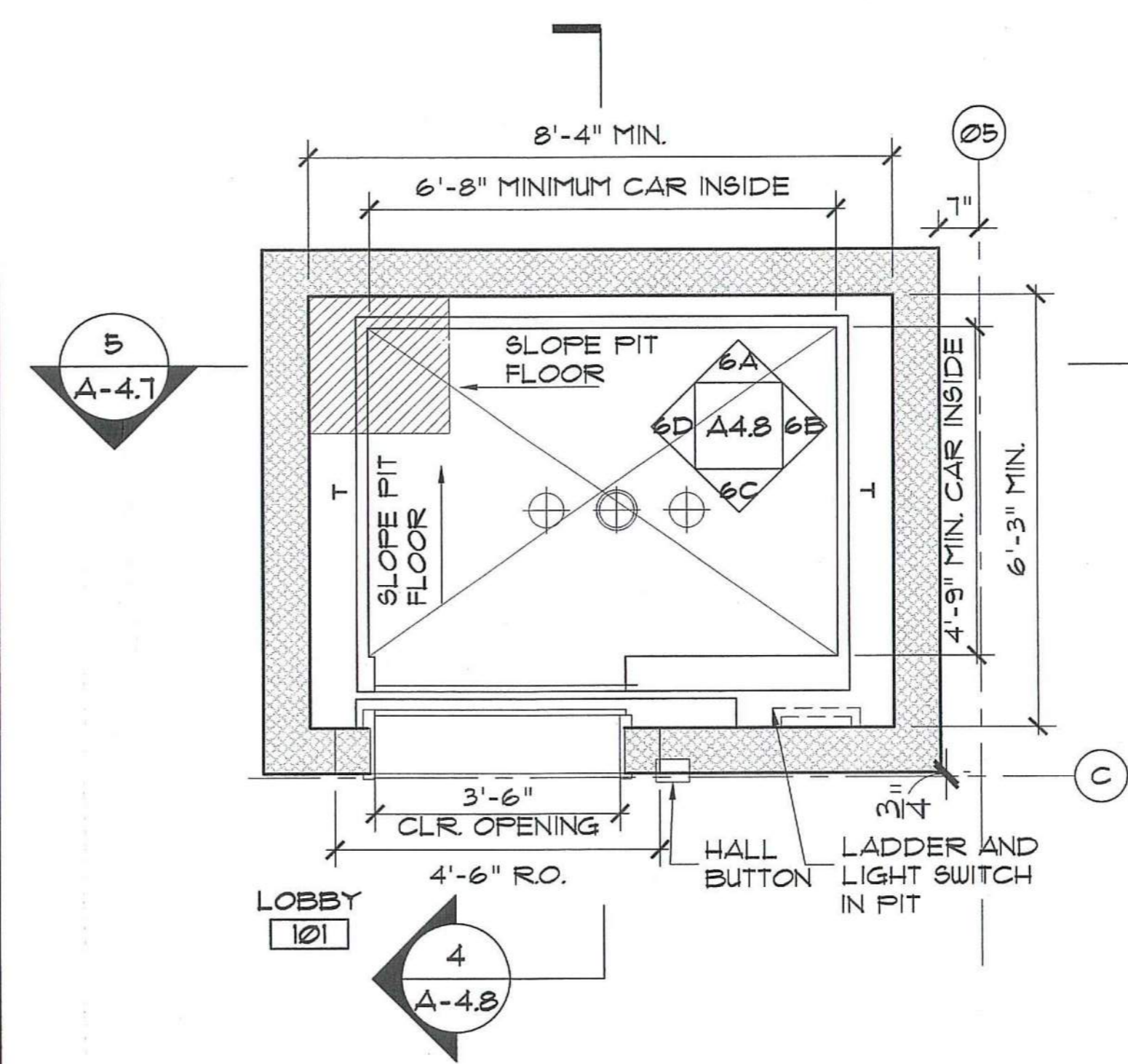
4 ELEVATOR SECTION
SCALE: 1/4" = 1'-0"



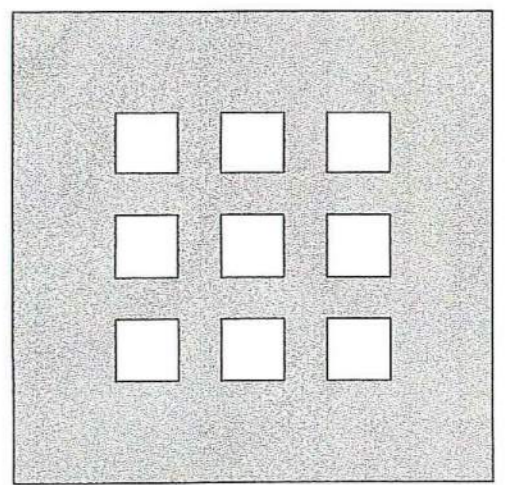
3 ELEVATOR - TYP. FLOOR
SCALE: 1/4" = 1'-0"



2 ELEVATOR - FIRST FLOOR
SCALE: 1/4" = 1'-0"



1 CAB & PIT PLAN
SCALE: 1/2" = 1'-0"



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SENIOR HOUSING**

100% CONSTRUCTION DRAWINGS

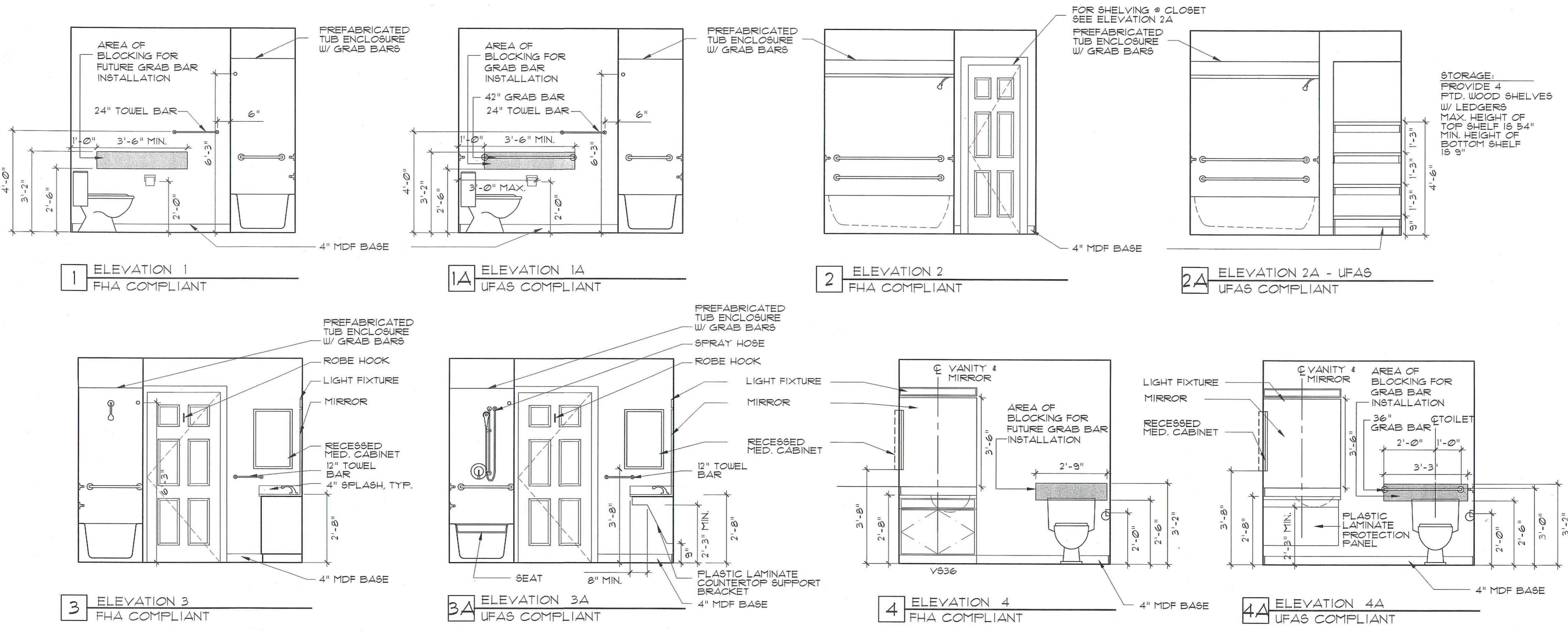
**ELEVATOR ENLARGED
PLANS, SECTION
AND INTERIOR ELEVATIONS**

AS NOTED

File Name: A-EP-ELV
Drawn By: RB/ME
Checked By: MP
Job No.: 2101.1
Date: 06-24-02



A-4.8



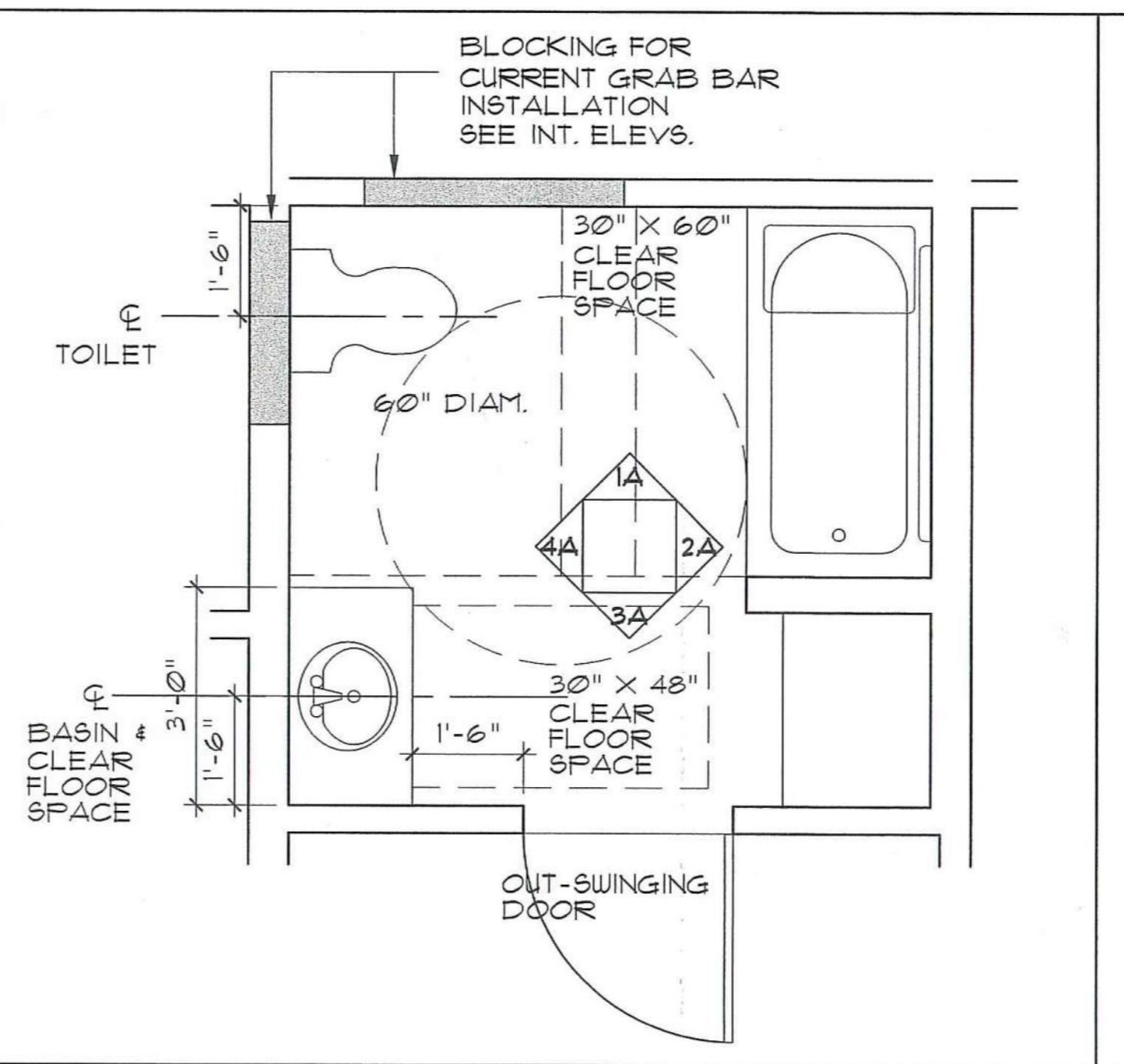
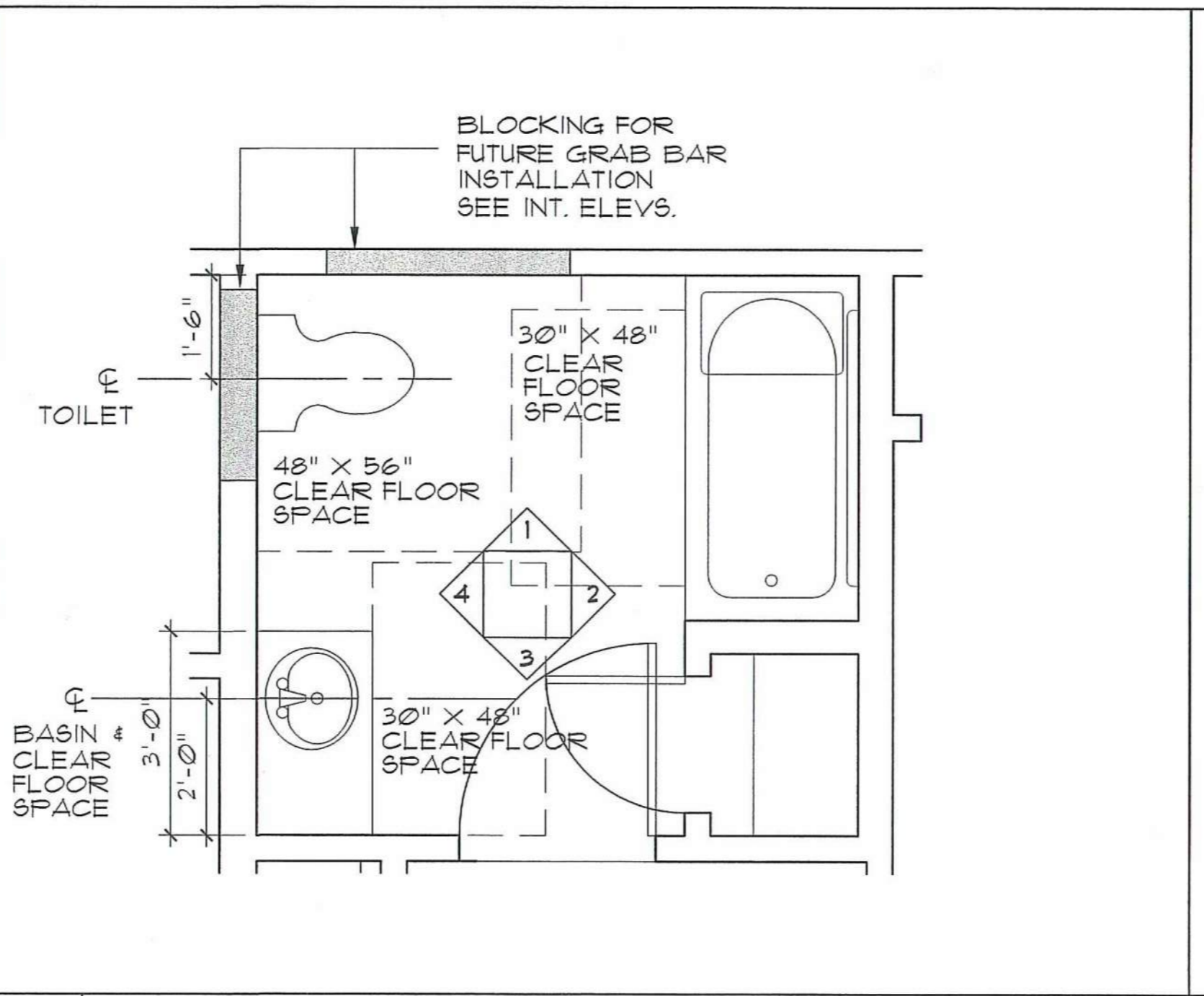
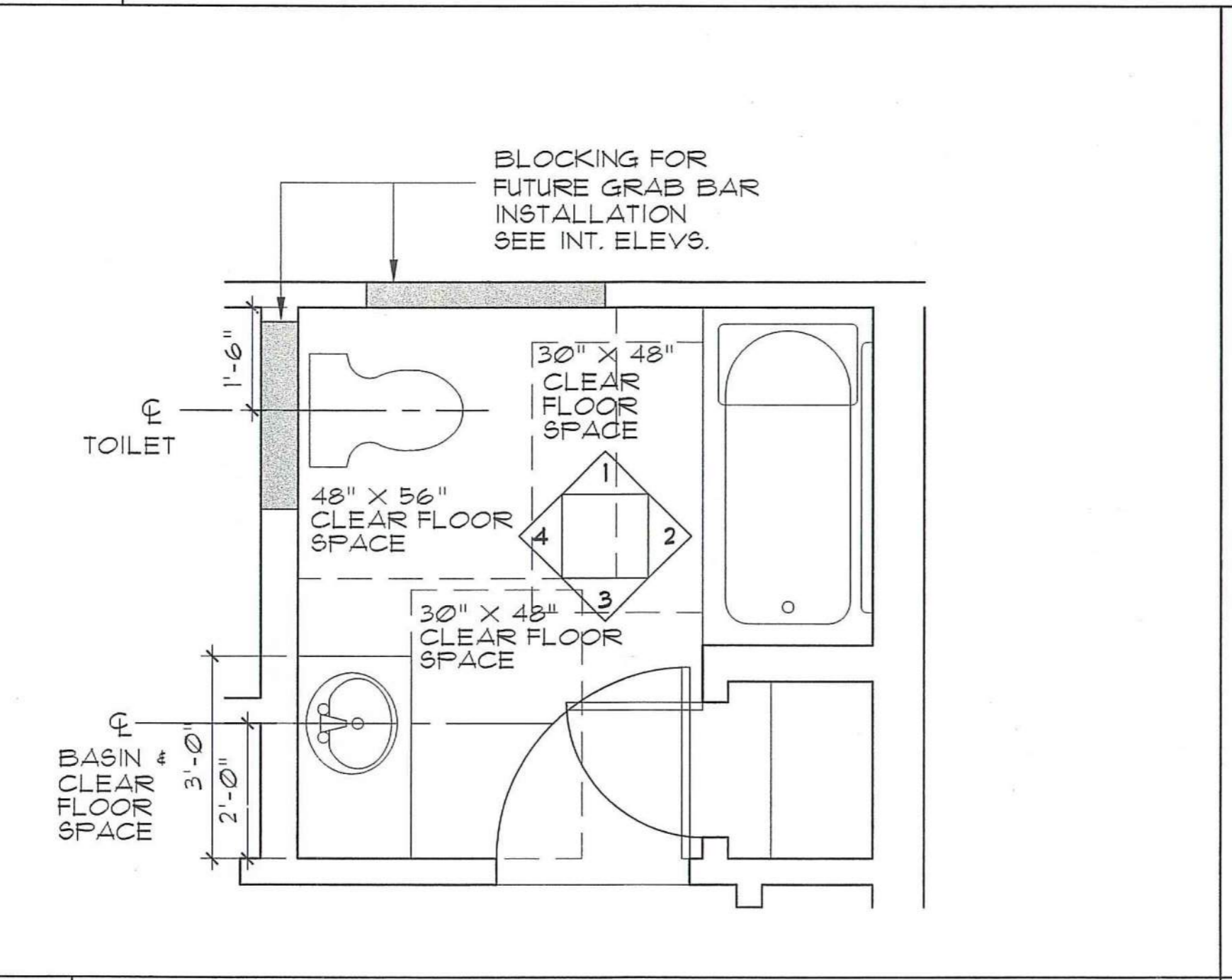
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BATHROOM ELEVATIONS
SCALE: 1/2" = 1'-0"



- FHA BATHROOM REQUIREMENTS GENERAL**
1. ALL BATHROOMS SHALL COMPLY WITH THE FAIR HOUSING ACT (FHA) GUIDELINES
 2. CLEAR FLOOR SPACES ARE NOTED ON PLANS.
- DOORS**
3. DOORS SHALL HAVE A NOMINAL CLEAR WIDTH OF 32"
- WATER CLOSETS**
4. HEIGHT OF WATER CLOSET SHALL BE AT LEAST 15" AND NO MORE THAN 19" MEASURED TO TOP OF TOILET SEAT.
 5. STRUCTURAL REINFORCEMENT AND GRAB BAR INSTALLATION IS NOTED ON DRAWINGS.
- LAVATORY, MIRRORS, AND MEDICINE CABINETS**
6. LAVATORIES SHALL BE MOUNTED WITH THE RIM OR COUNTER SURFACE NO HIGHER THAN 34".
 7. SEE ELEVATIONS FOR KNEE CLEARANCES.

1 UNITS A, A' & E BATH - ENLARGED PLAN
SCALE: 1/2" = 1'-0" **FHA COMPLIANT**

2 UNIT B & B' BATH - ENLARGED PLAN
SCALE: 1/2" = 1'-0" **FHA COMPLIANT**

3 UNIT C - ENLARGED PLAN
SCALE: 1/2" = 1'-0" **UFAS COMPLIANT**

No.	Date	Revision

**DAYTON HOPE VI
SENIOR HOUSING**

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**UNIT ENLARGED BATH PLANS
AND INTERIOR ELEVATIONS**

Scale: AS NOTED

File Name: A-EL-INT

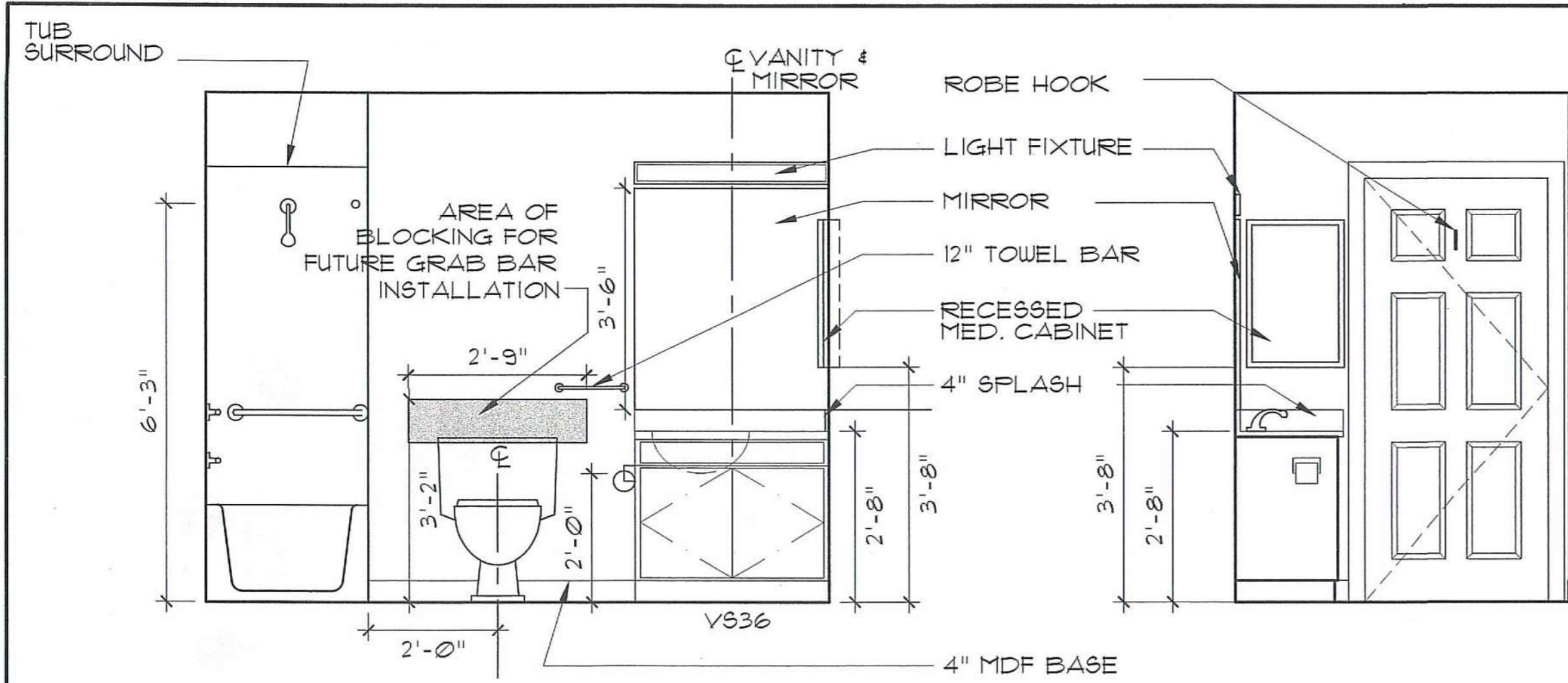
Drawn By: RB

Checked By: MP

Job No.: 2101.1

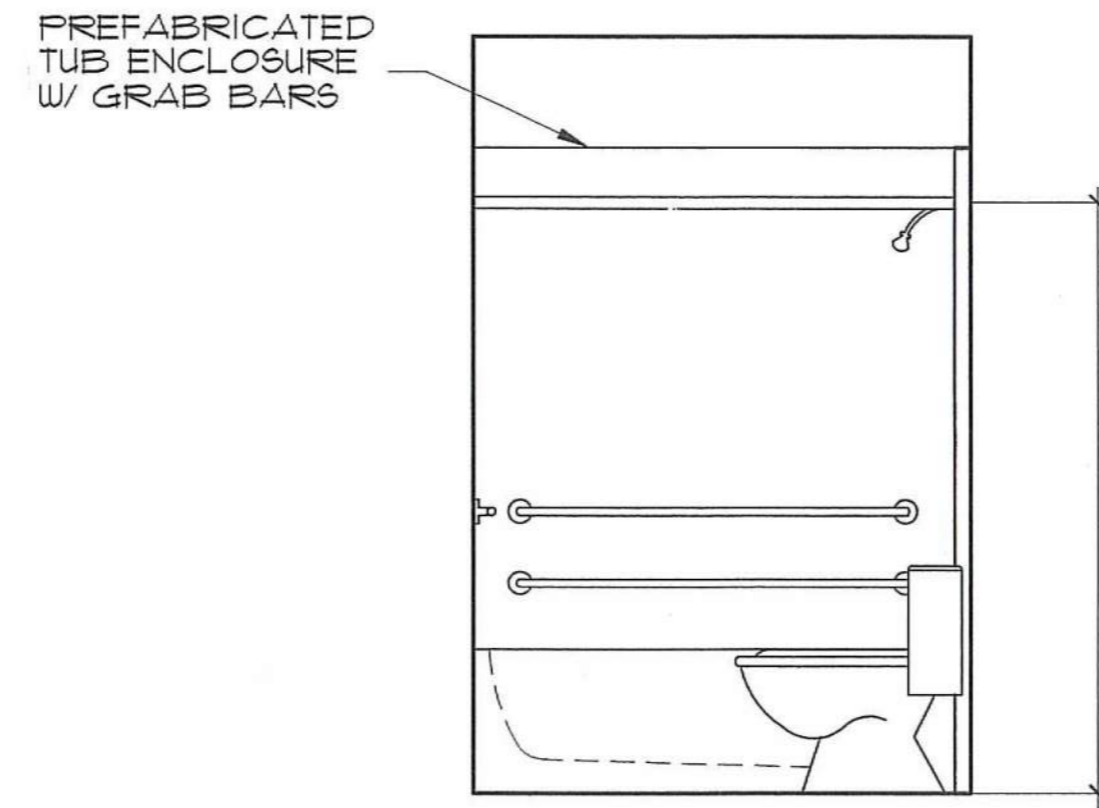
Date: 06-24-02

A-5.1

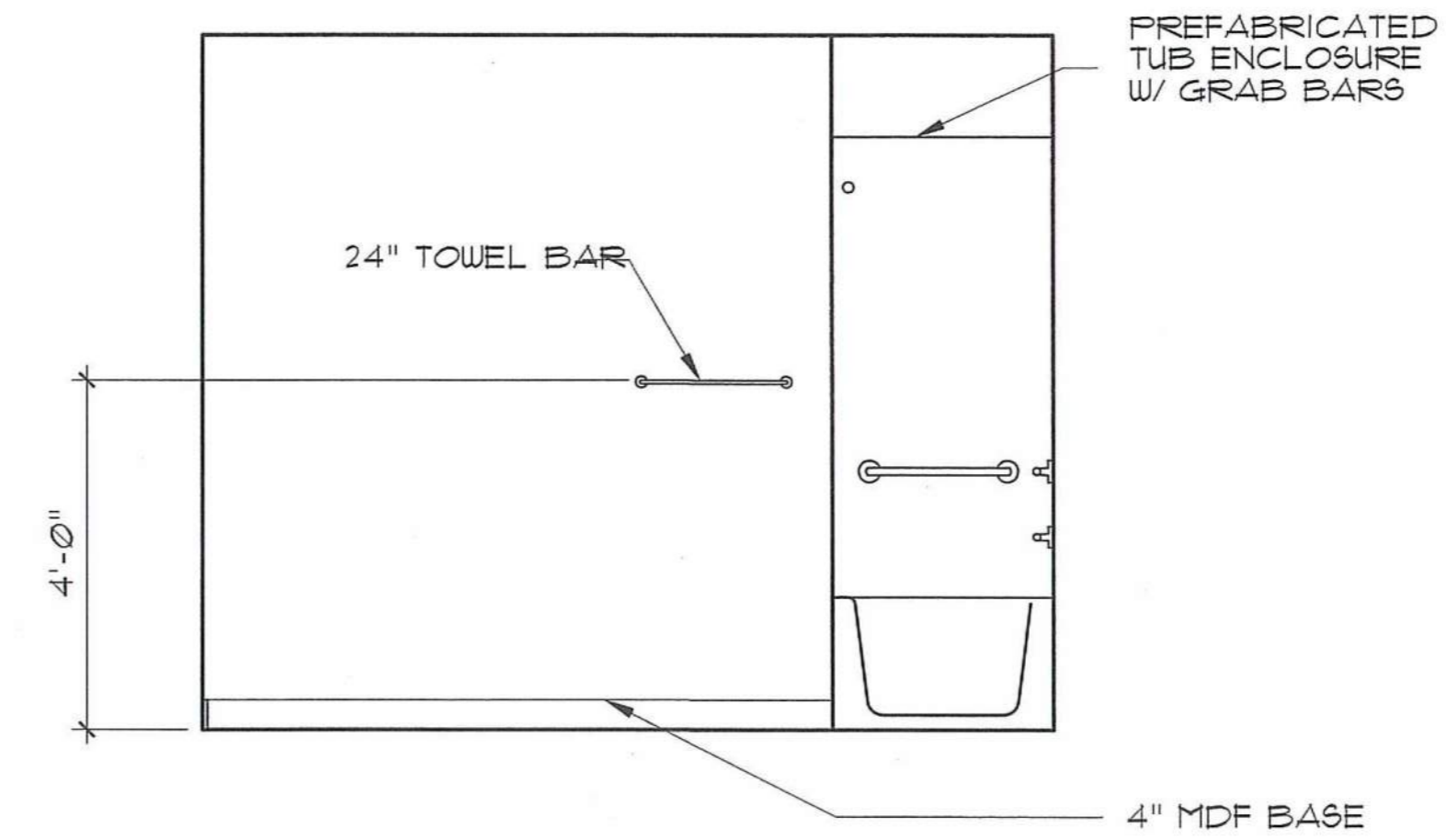


1 ELEVATION 1
FHA COMPLIANT

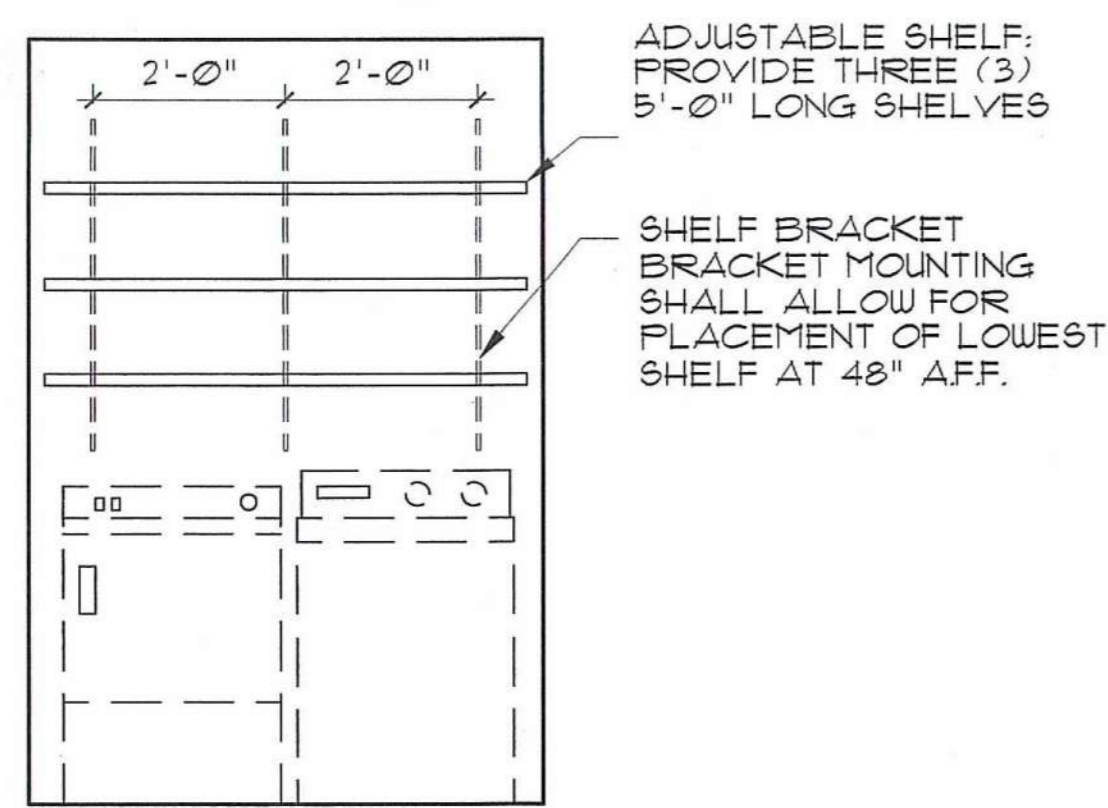
2 ELEVATION 2
FHA COMPLIANT



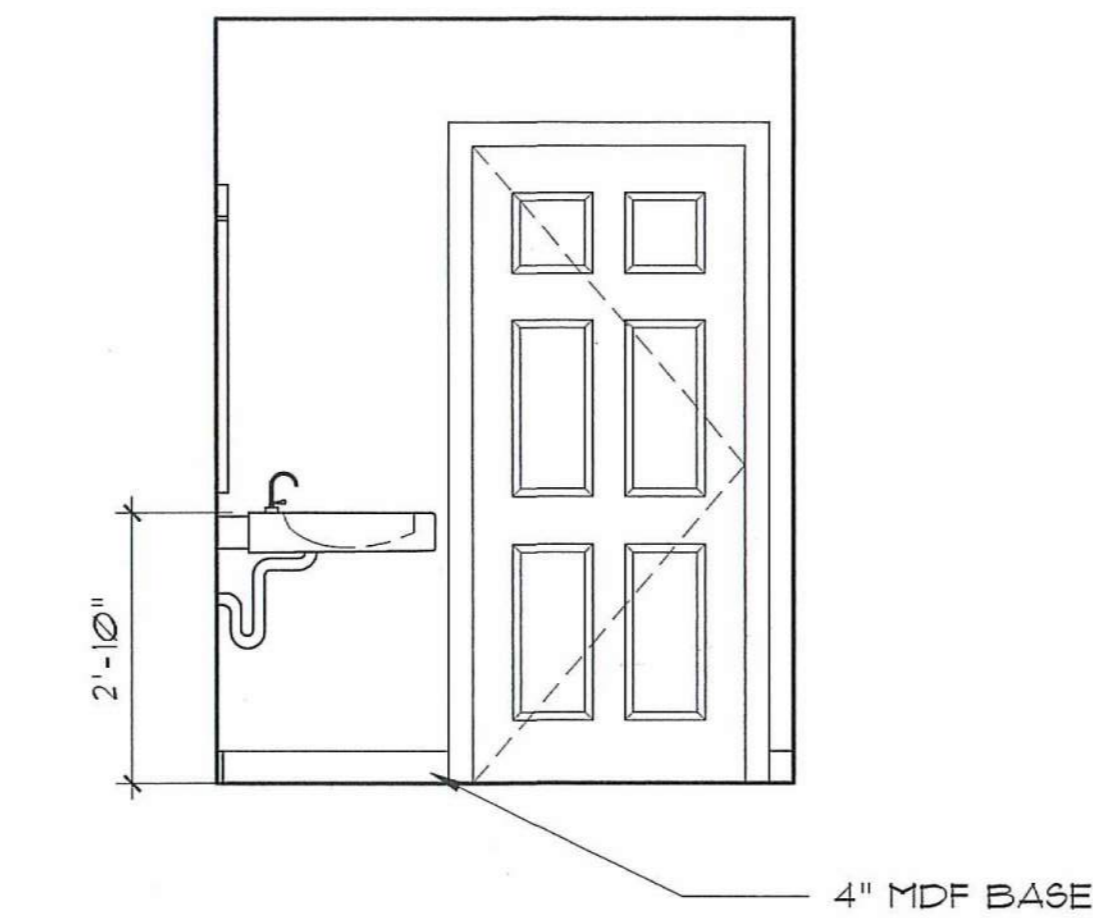
3 ELEVATION 3
FHA COMPLIANT



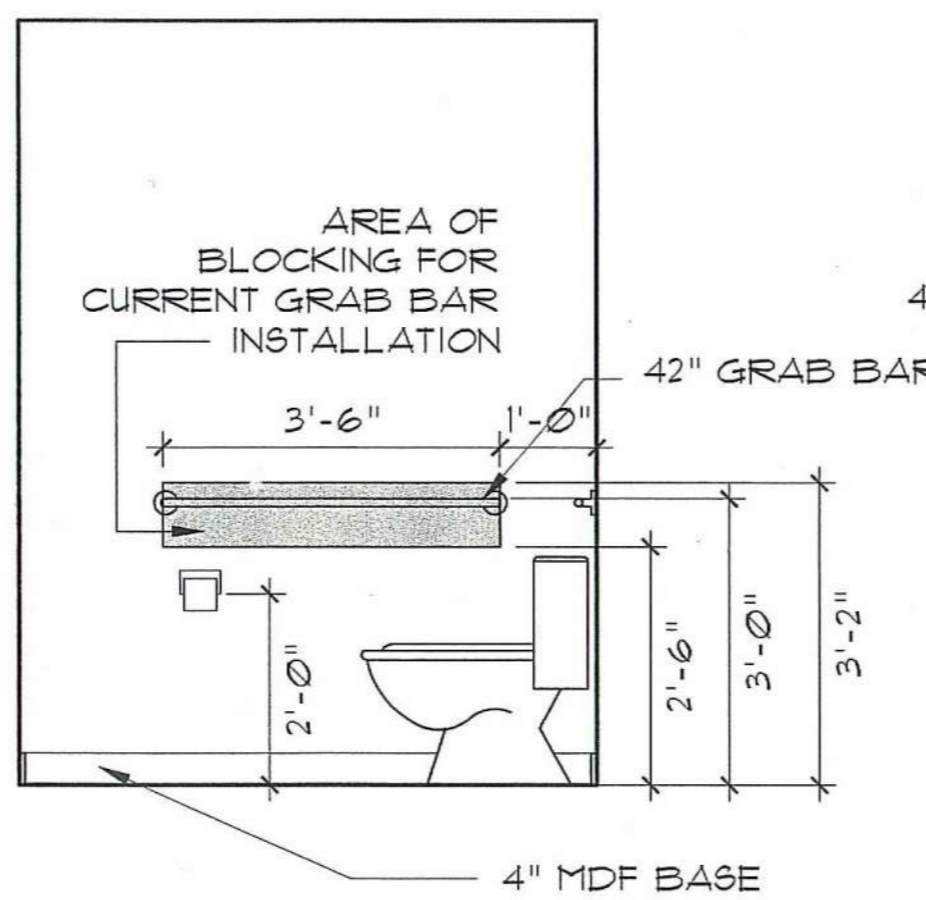
4 ELEVATION 4
FHA COMPLIANT



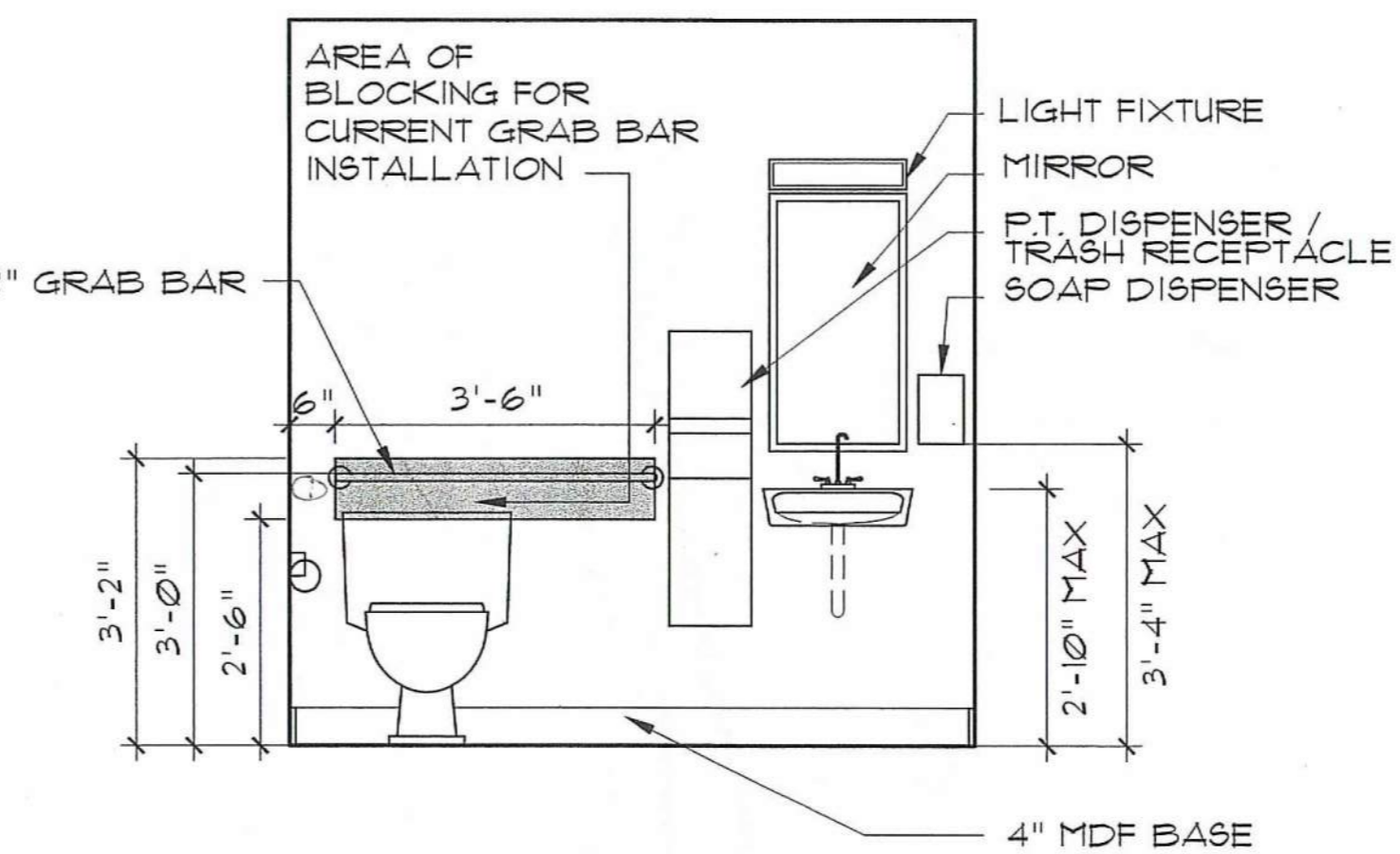
5 TYPICAL UTILITY @ ALL UNITS
FHA COMPLIANT



6 ELEVATION 6
ANSI COMPLIANT



7 ELEVATION 7
ANSI COMPLIANT



8 ELEVATION 8
ANSI COMPLIANT

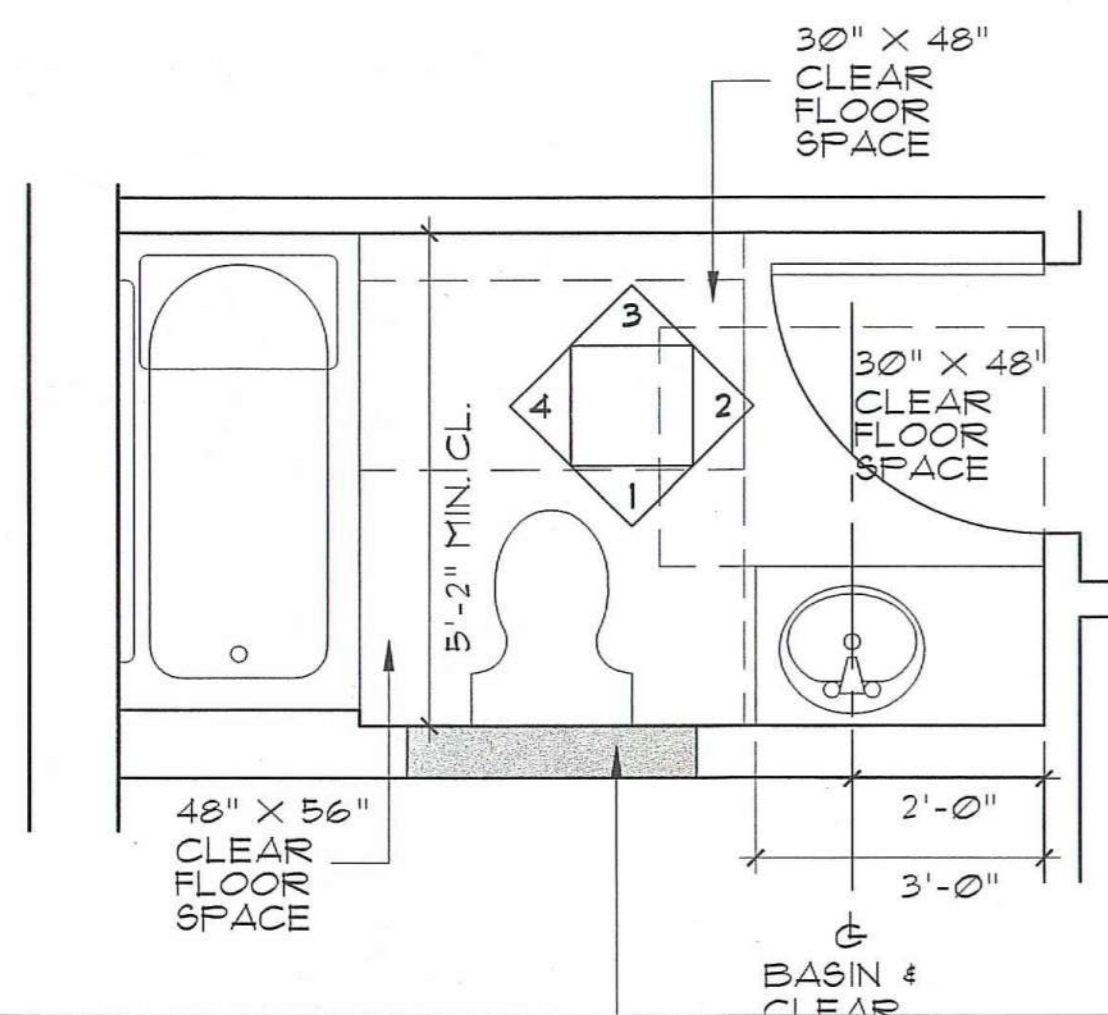
6A ELEVATION 6 MIRROR
ANSI COMPLIANT

7A ELEVATION 7 MIRROR
ANSI COMPLIANT

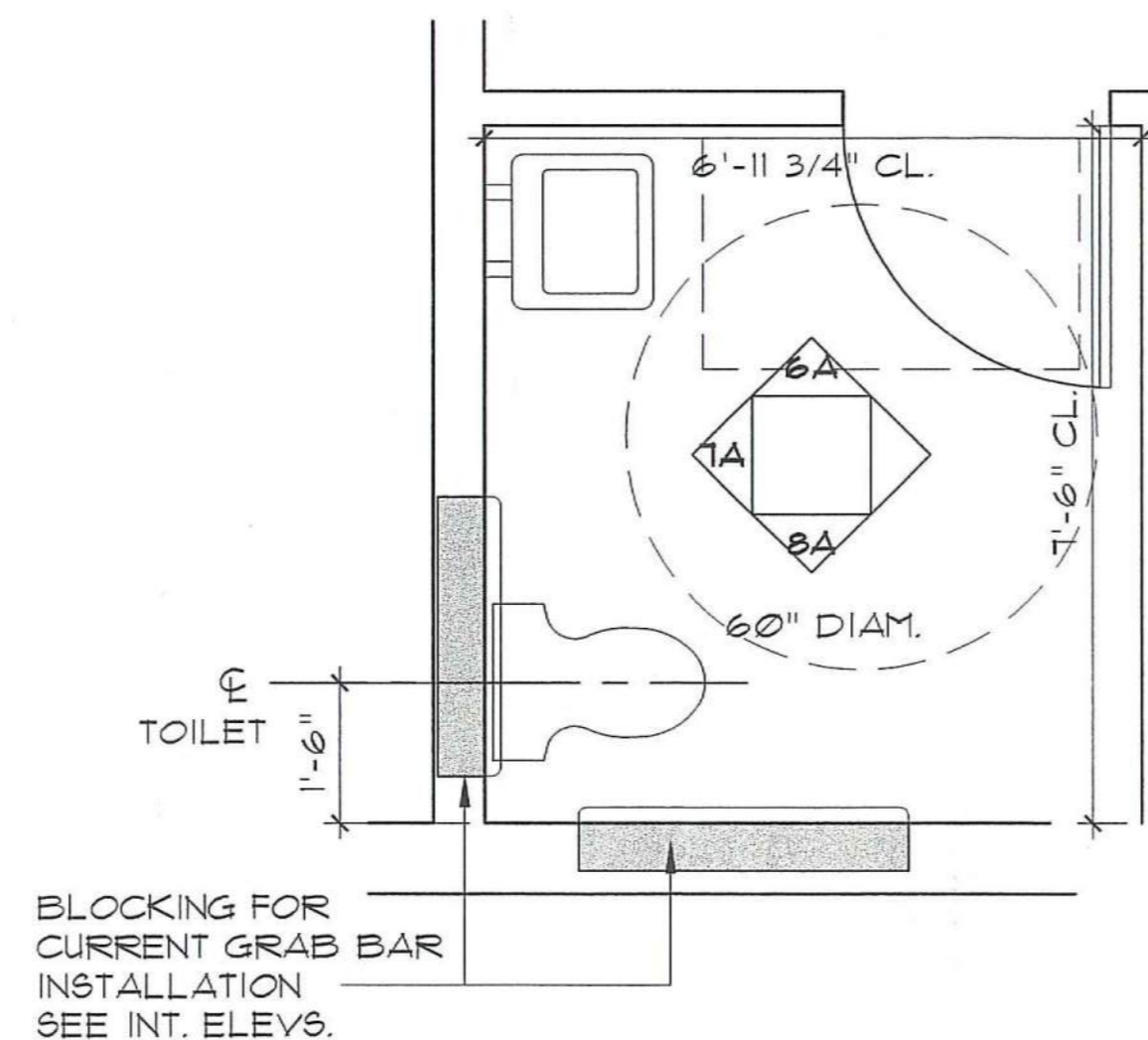
8A ELEVATION 8 MIRROR
ANSI COMPLIANT

BATHROOM & UTILITY ELEVATIONS

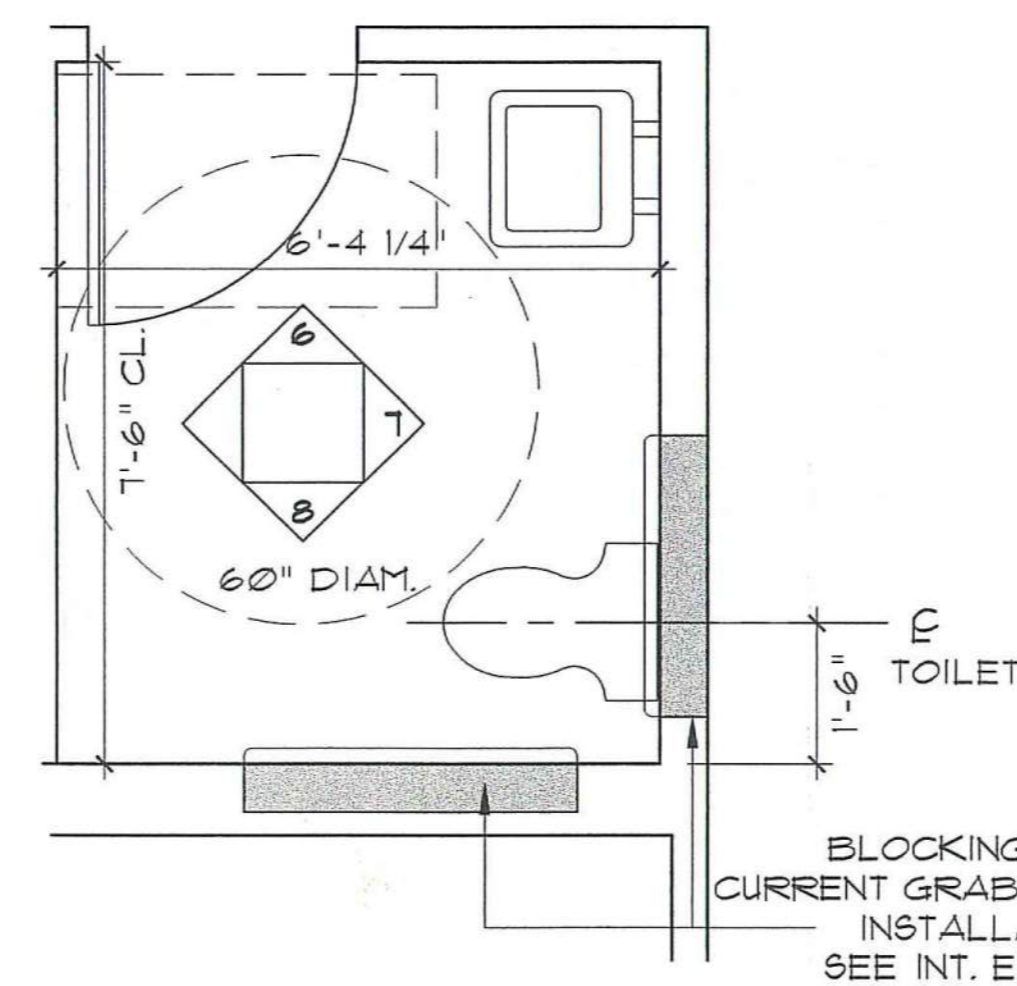
SCALE: 1/2" = 1'-0"



1 UNIT D BATH - ENLARGED PLAN
SCALE: 1/2" = 1'-0" FHA COMPLIANT

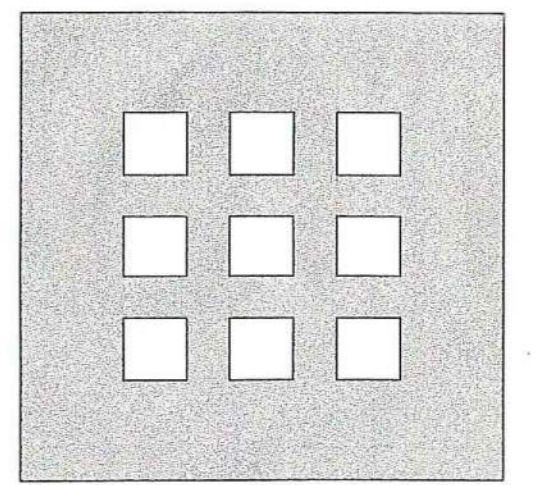


2 COMMON TOILET 114
SCALE: 1/2" = 1'-0" ANSI COMPLIANT



3 COMMON TOILET 113
SCALE: 1/2" = 1'-0" ANSI COMPLIANT

UFAS BATHROOM REQUIREMENTS 434.5
GENERAL
1. AT LEAST ONE FULL BATHROOM SHALL COMPLY WITH THE UNIFORM FEDERAL ACCESSIBILITY STANDARD (UFAS).
2. CLEAR FLOOR SPACES ARE NOTED ON PLANS.
DOORS 434.5.1
3. DOORS SHALL NOT SWING INTO CLEAR FLOOR SPACES.
WATER CLOSETS 434.4.2
4. HEIGHT OF WATER CLOSET SHALL BE AT LEAST 15" AND NO MORE THAN 19" MEASURED TO TOP OF TOILET SEAT.
5. STRUCTURAL REINFORCEMENT AND GRAB BAR INSTALLATION IS NOTED ON DRAWINGS.
LAVATORY, MIRRORS, AND MEDICINE CABINETS 434.5.3
6. LAVATORIES SHALL BE MOUNTED WITH THE RIM OR COUNTER SURFACE NO HIGHER THAN 34"
7. SEE ELEVATIONS FOR KNEE CLEARANCES.
8. BOTTOM OF MEDICINE CABINET SHALL BE LOCATED WITH A USABLE SHELF NO HIGHER THAN 44" ABOVE FLOOR.
BATHTUBS 434.5.4
9. AN IN TUB SEAT AT THE HEAD END OF TUB SHALL BE PROVIDED.
10. A SHOWER SPRAY UNIT WITH A HOSE AT LEAST 60" LONG THAT CAN BE USED AS A FIXED SHOWER HEAD OR AS A HAND HELD SHOWER SHALL BE PROVIDED.



**DOMENECH
HICKS &
KROCKMALNIC
ARCHITECTS**

155 Massachusetts Ave.
Boston, MA 02115
617-267-6408
Fax 617-267-1990

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No.	Date	Revision

**DAYTON HOPE VI
SENIOR HOUSING**

100% CONSTRUCTION DRAWINGS

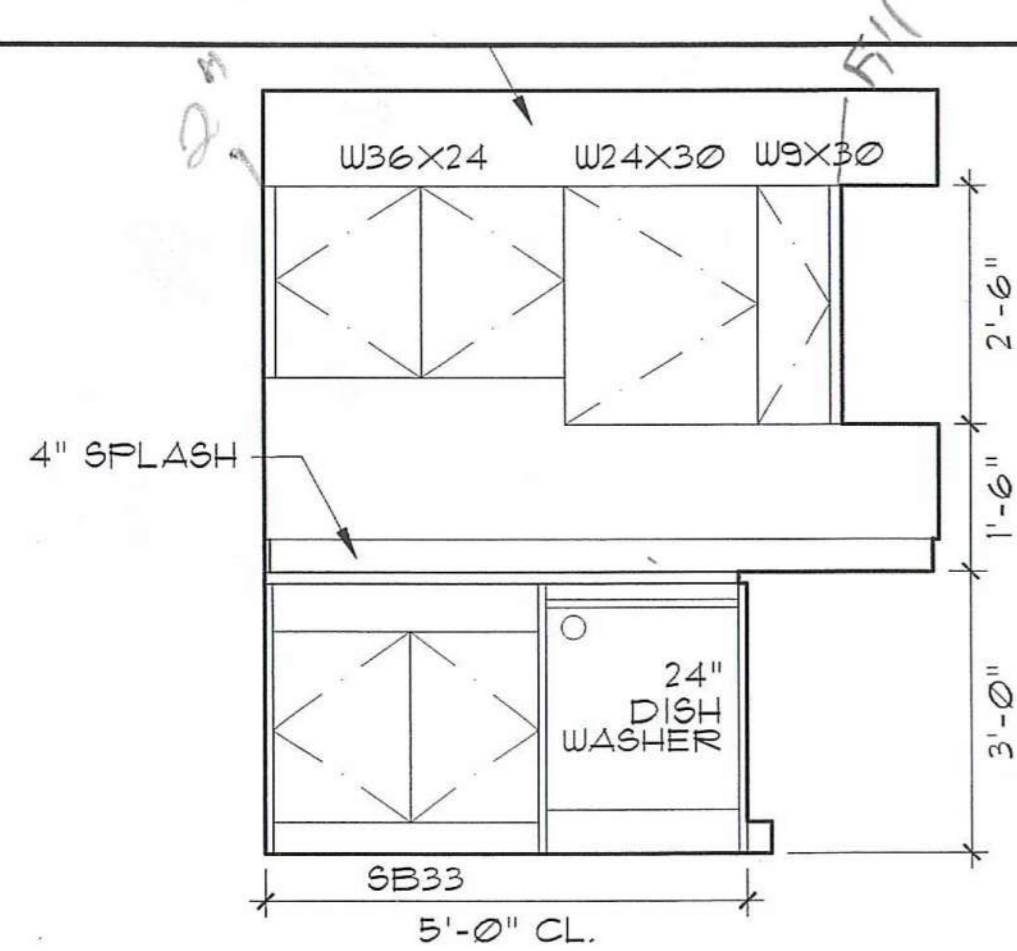
UNIT ENLARGED BATH AND
COMMON AREA TOILET ROOM PLANS
AND INTERIOR ELEVATIONS

Scale: AS NOTED

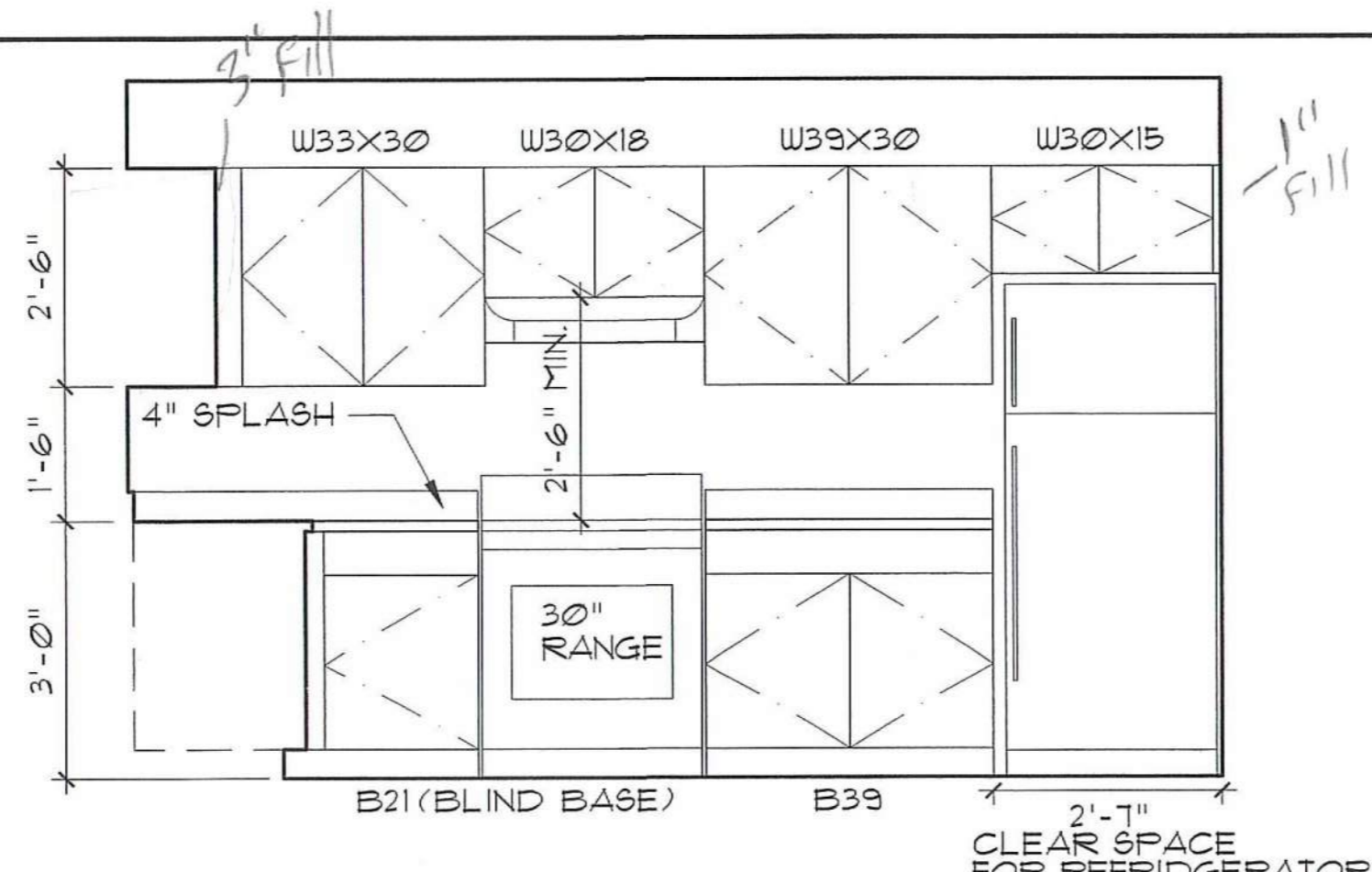
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Drawn By: RB
Checked By: MP
Job No.: 2101.1
Date: 06-24-02

STATE OF OHIO
FERNANDO J. DOMENECH, JR.
REGISTERED ARCHITECT
NO. 12827

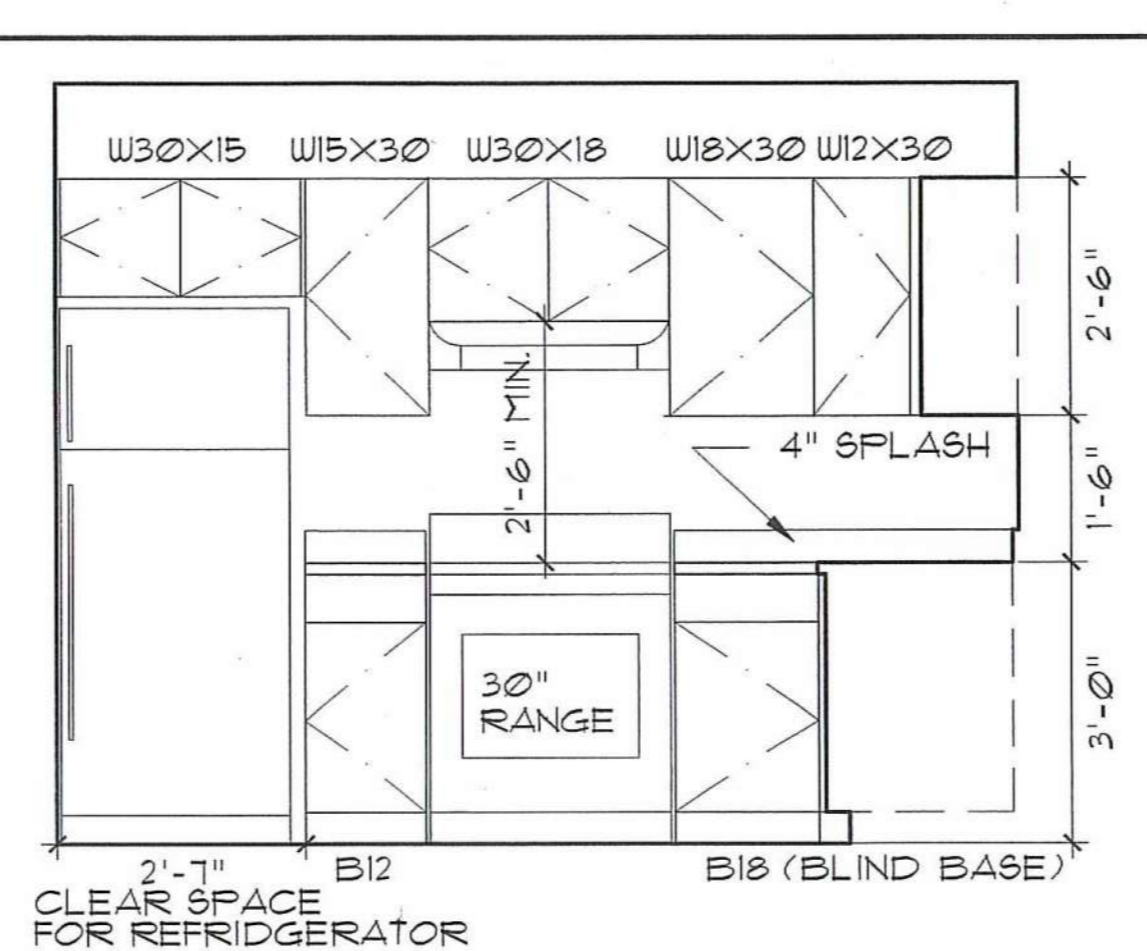
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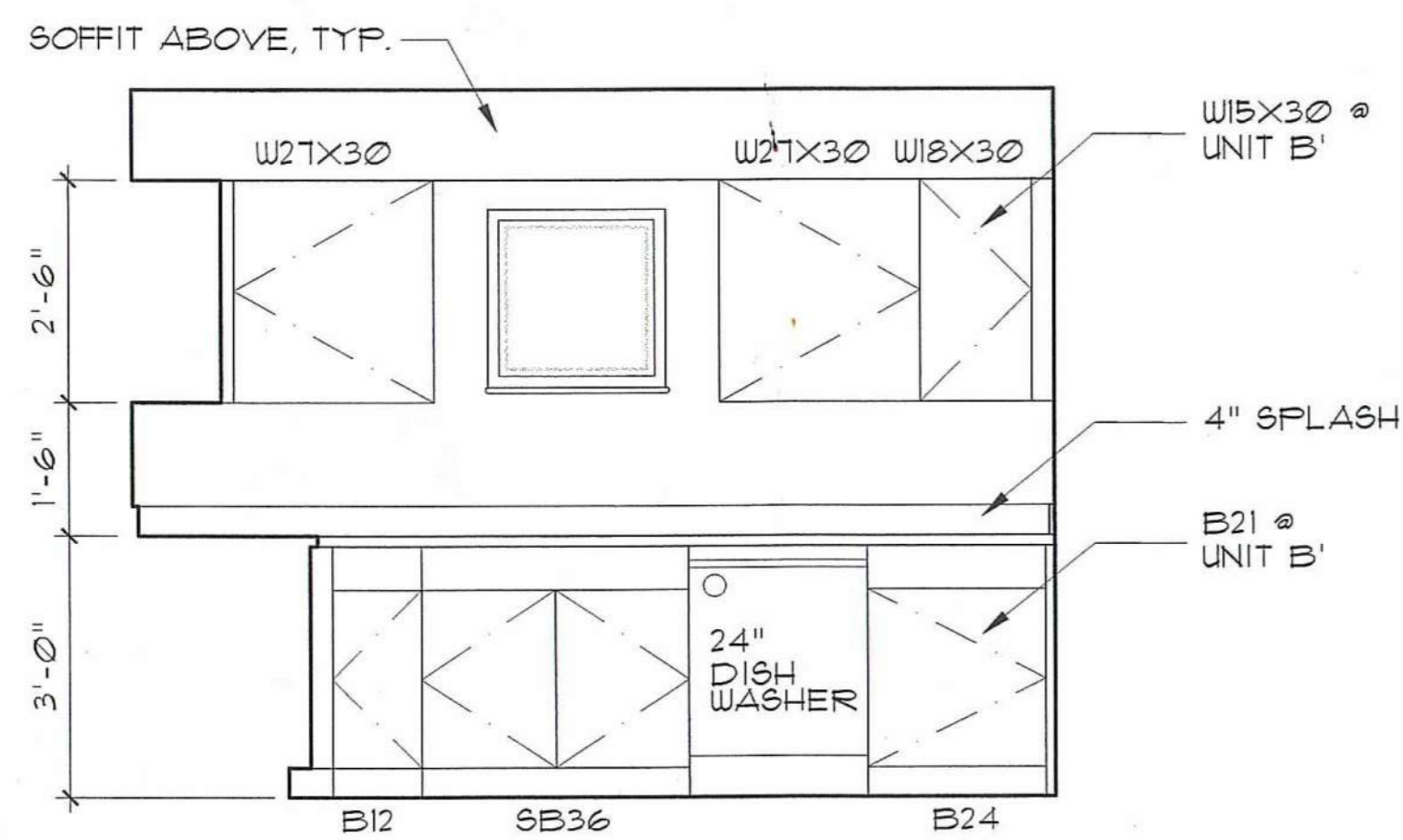
1 ELEVATION 1
FHA COMPLIANT



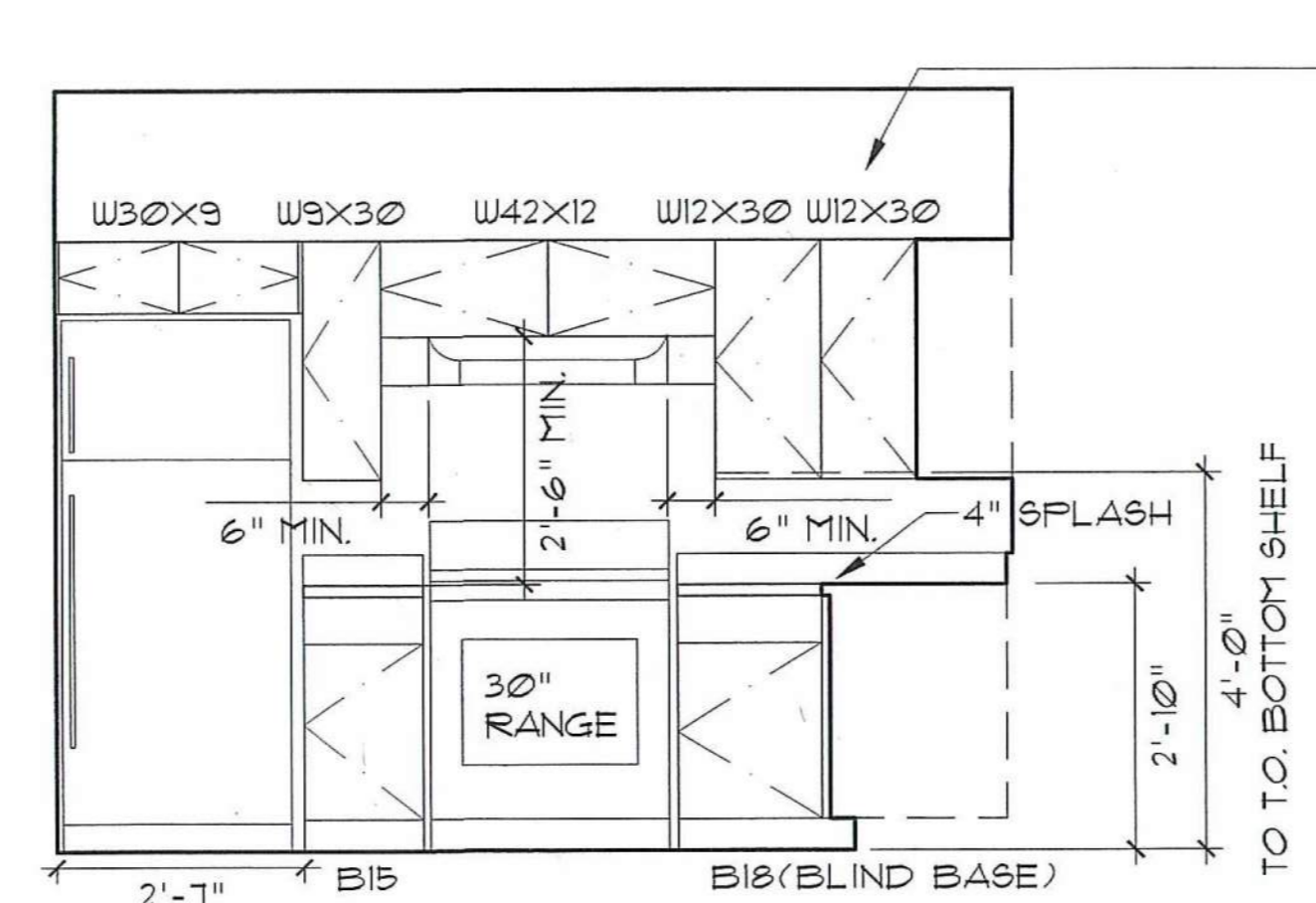
2 ELEVATION 2
FHA COMPLIANT



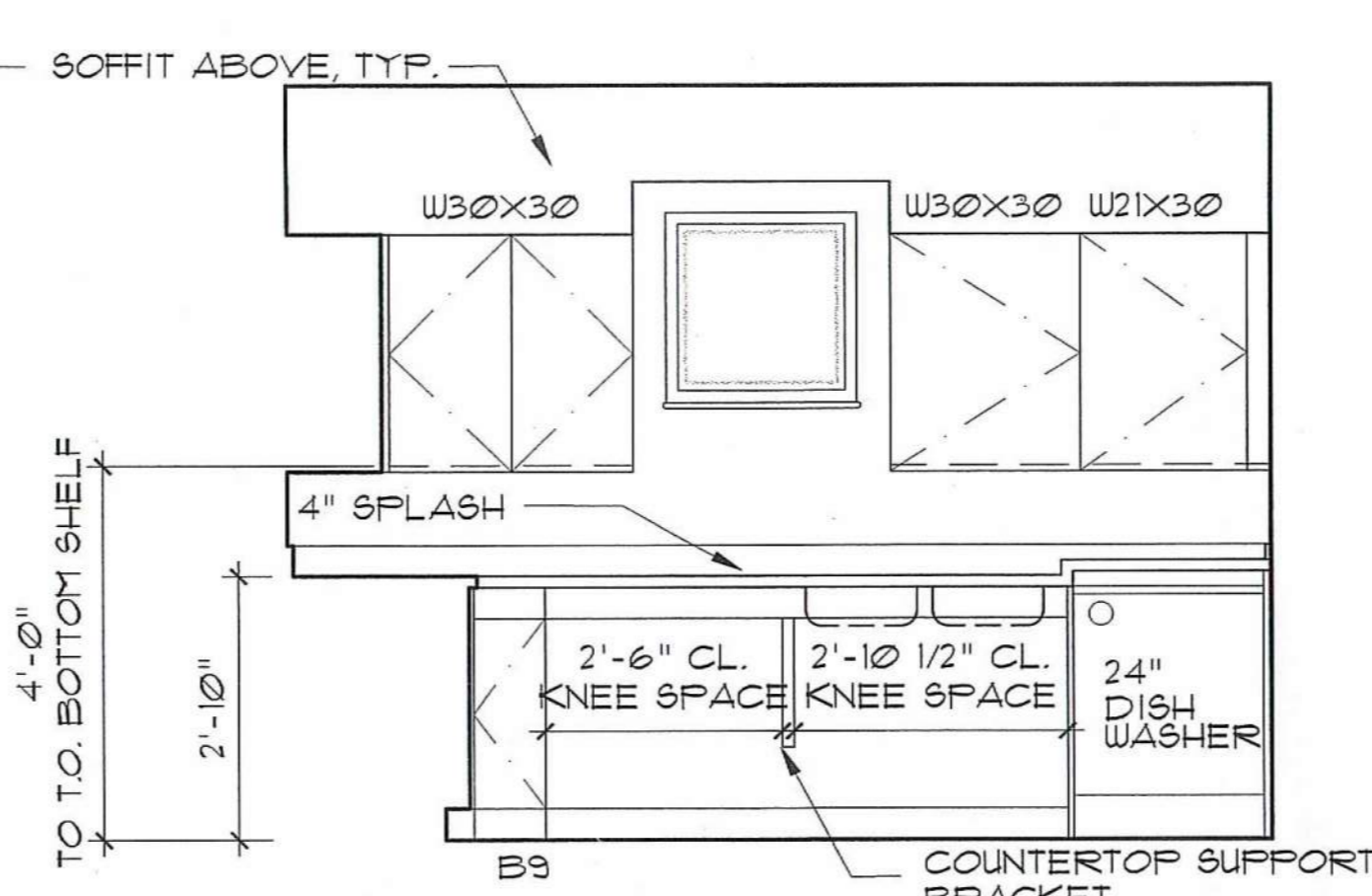
3 ELEVATION 3
FHA COMPLIANT



4 ELEVATION 4
FHA COMPLIANT



5 ELEVATION 5
UFAS COMPLIANT



6 ELEVATION 6
UFAS COMPLIANT

GENERAL NOTES

- INSURE THAT ALL CLEARANCES AROUND APPLIANCES COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
- UPPER CABINETS ADJACENT TO RANGE TO BE LOCATED MINIMUM 1'-6" ABOVE RANGE/ COUNTERTOP SURFACES

FHA KITCHEN REQUIREMENTS GENERAL

- CLEARANCES BETWEEN ALL OPPOSING BASE CABINETS, COUNTER TOPS, APPLIANCES OR WALLS SHALL BE 40" MIN. EXCEPT IN U-SHAPED KITCHENS, WHERE CLEARANCE SHALL BE 64".
- CLEAR FLOOR SPACES ARE NOTED ON PLANS.

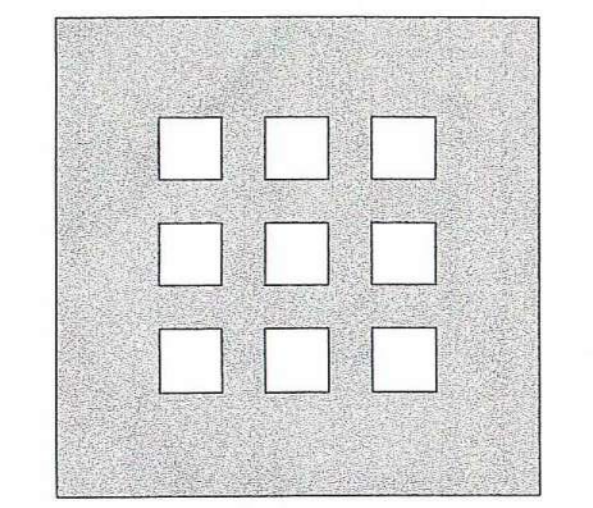
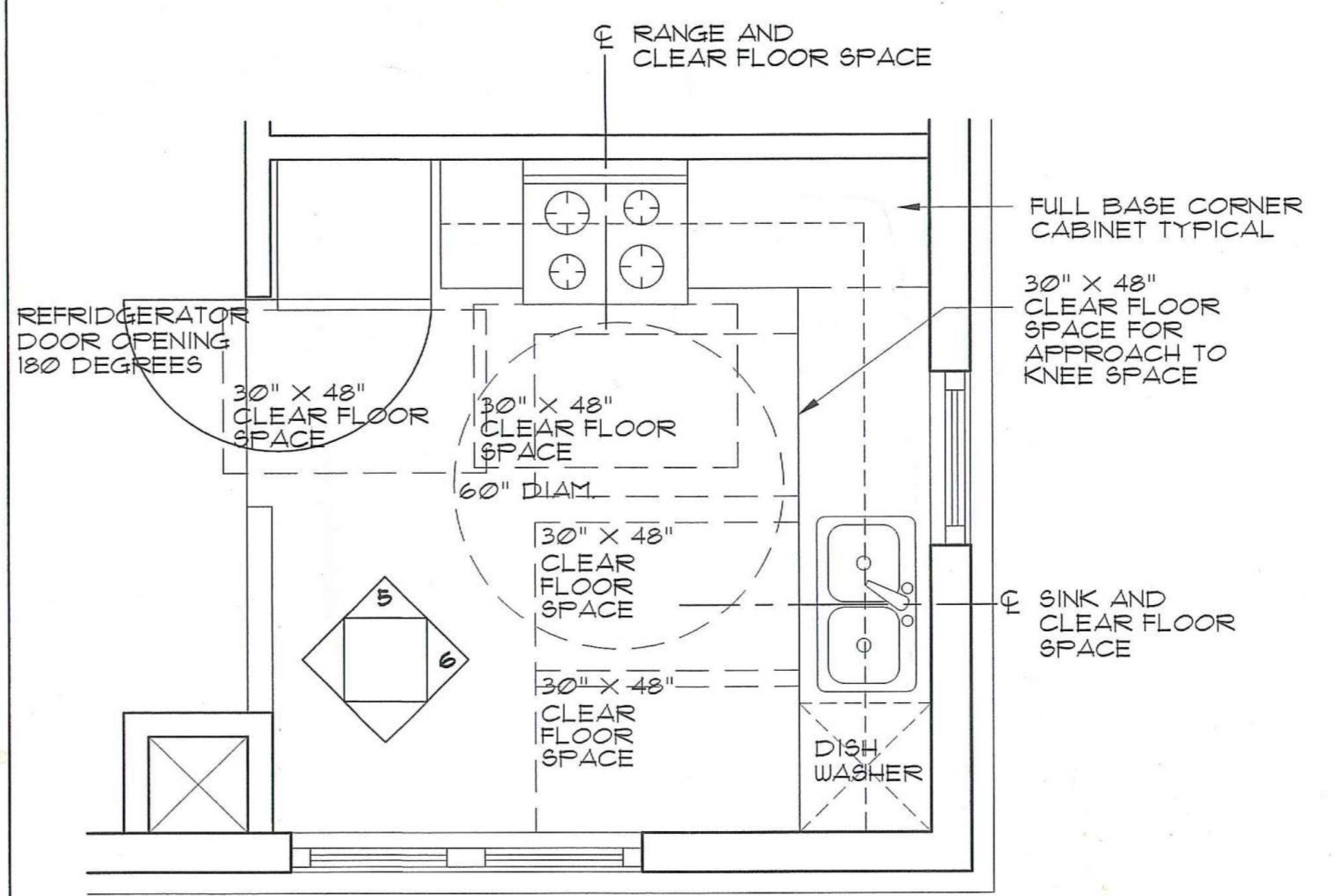
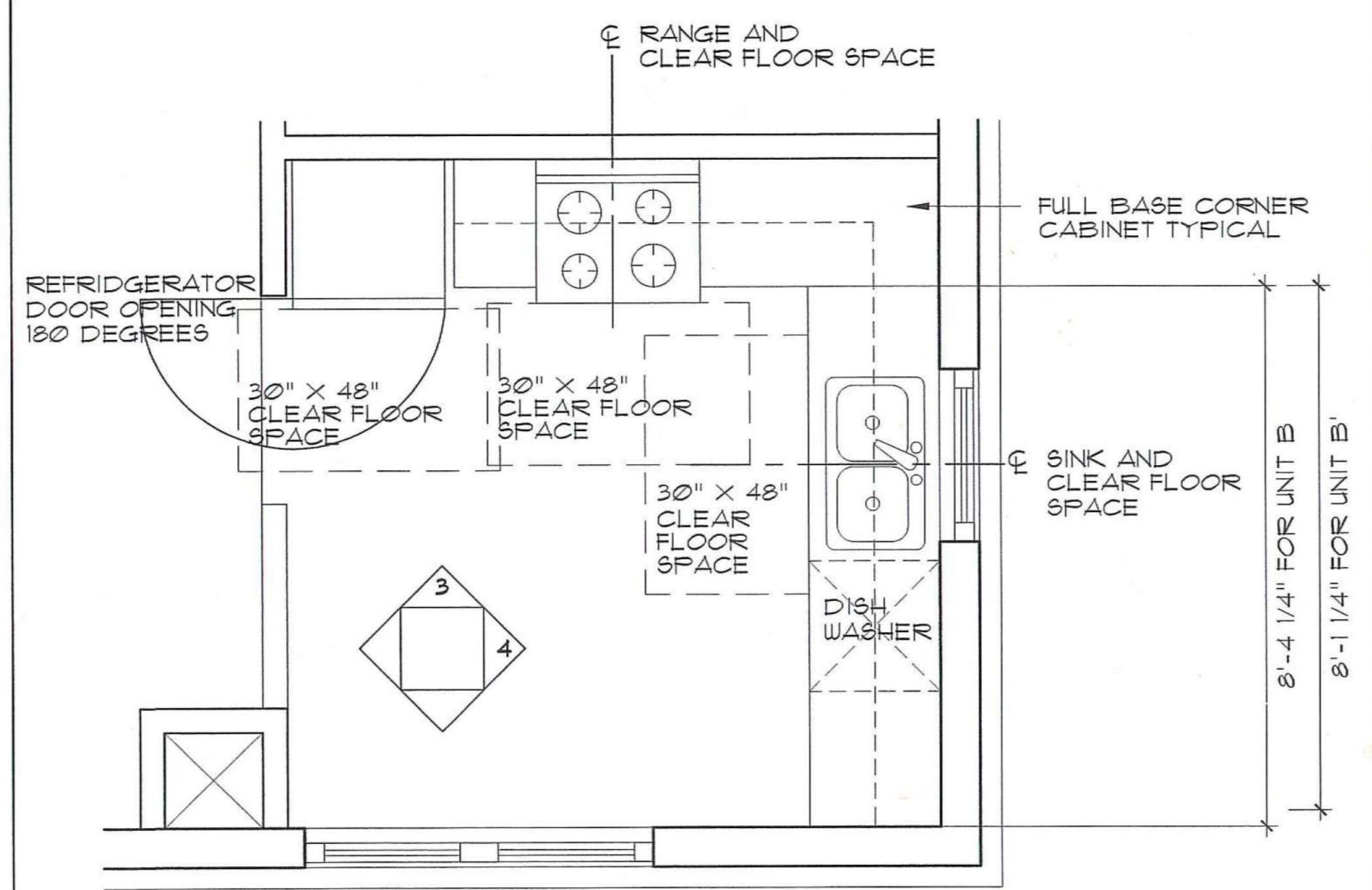
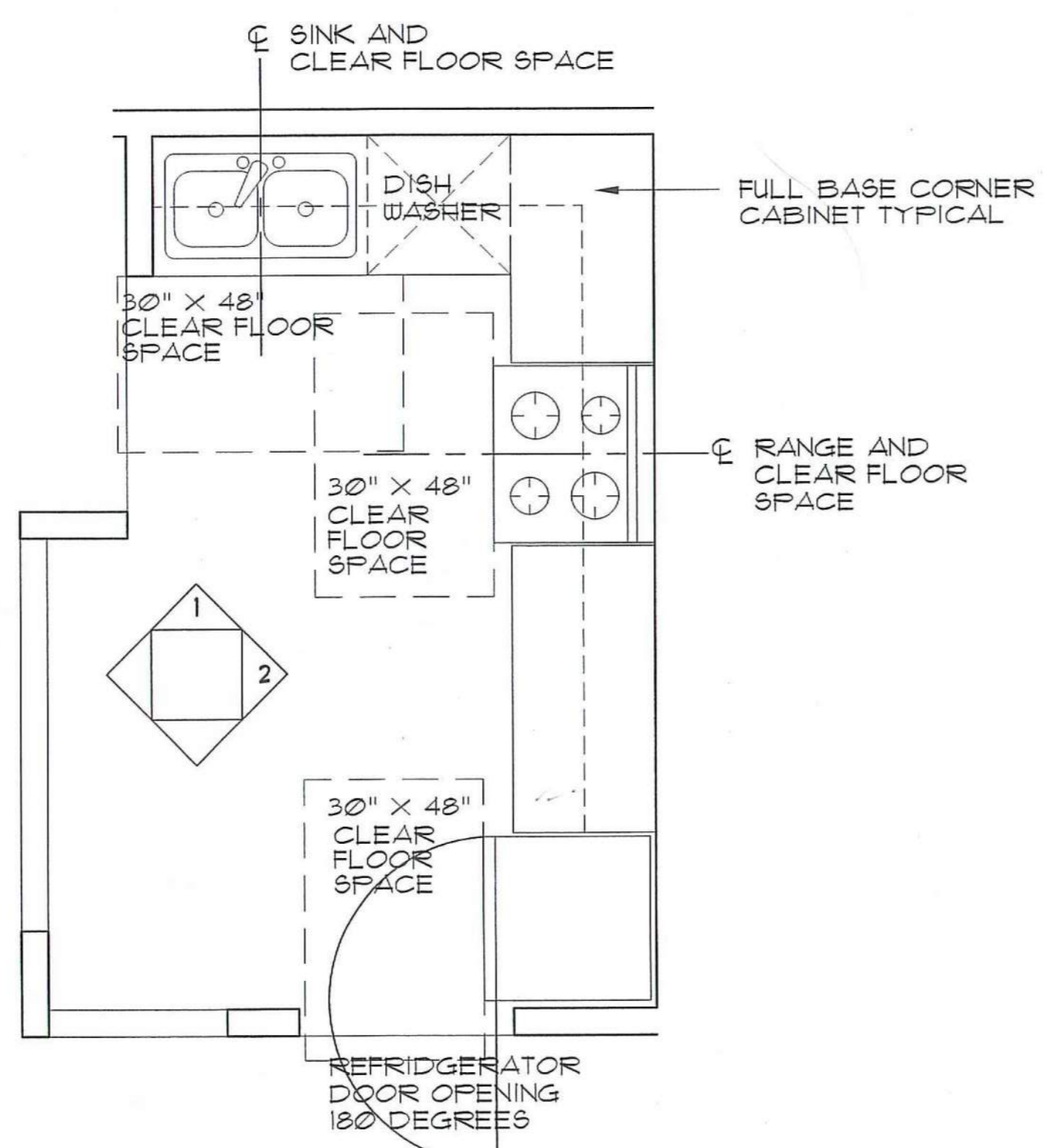
WORK SURFACES

- COUNTER HEIGHT I.E. FLOOR TO TOP OF COUNTER SURFACE IS 36".

SINKS

- SINK AND SURROUNDING COUNTER SHALL BE MOUNTED AT 36"
- KNEE CLEARANCES UNDERNEATH SINKS SHALL BE MIN. OF 21" HIGH AND 30" WIDE.
- HOT WATER AND DRAIN PIPES EXPOSED UNDER SINKS SHALL BE INSULATED OR OTHERWISE COVERED.

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



**DOMENECH
HICKS &
KROCKMALNIC
ARCHITECTS**

155 Massachusetts Ave.
Boston, MA 02115
617-267-6408
Fax 617-267-1990

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SENIOR HOUSING**

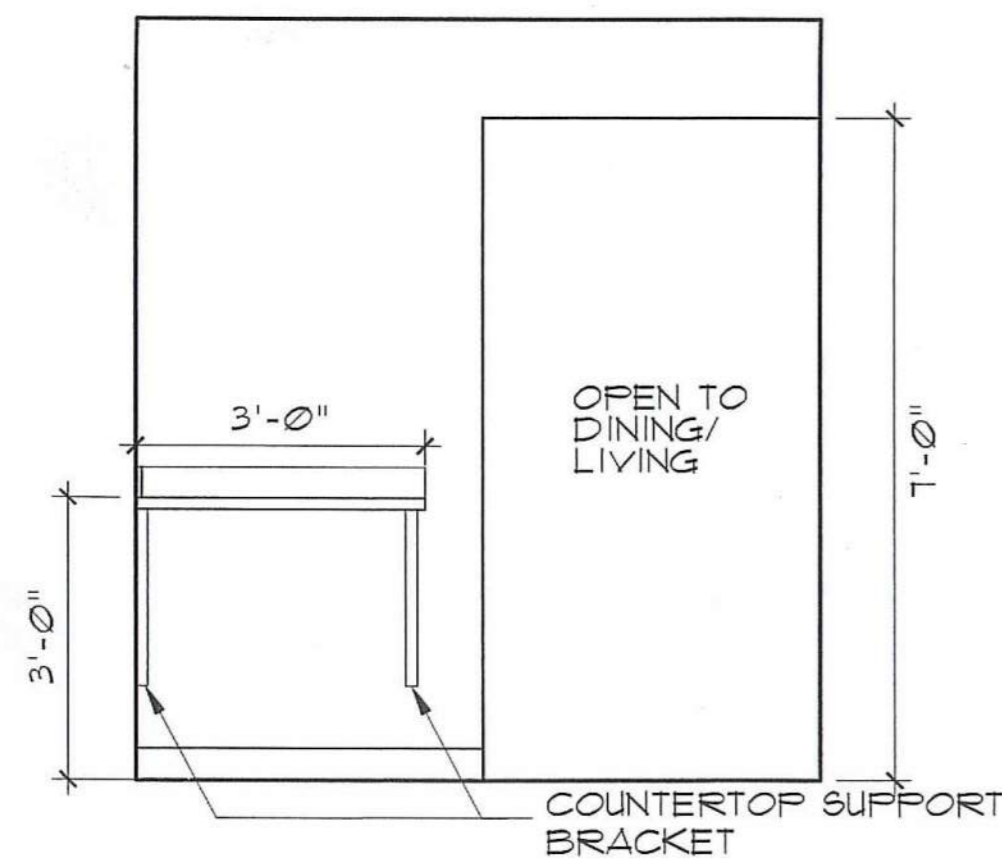
100% CONSTRUCTION DRAWINGS

UNIT ENLARGED
KITCHEN PLANS AND
INTERIOR ELEVATIONS

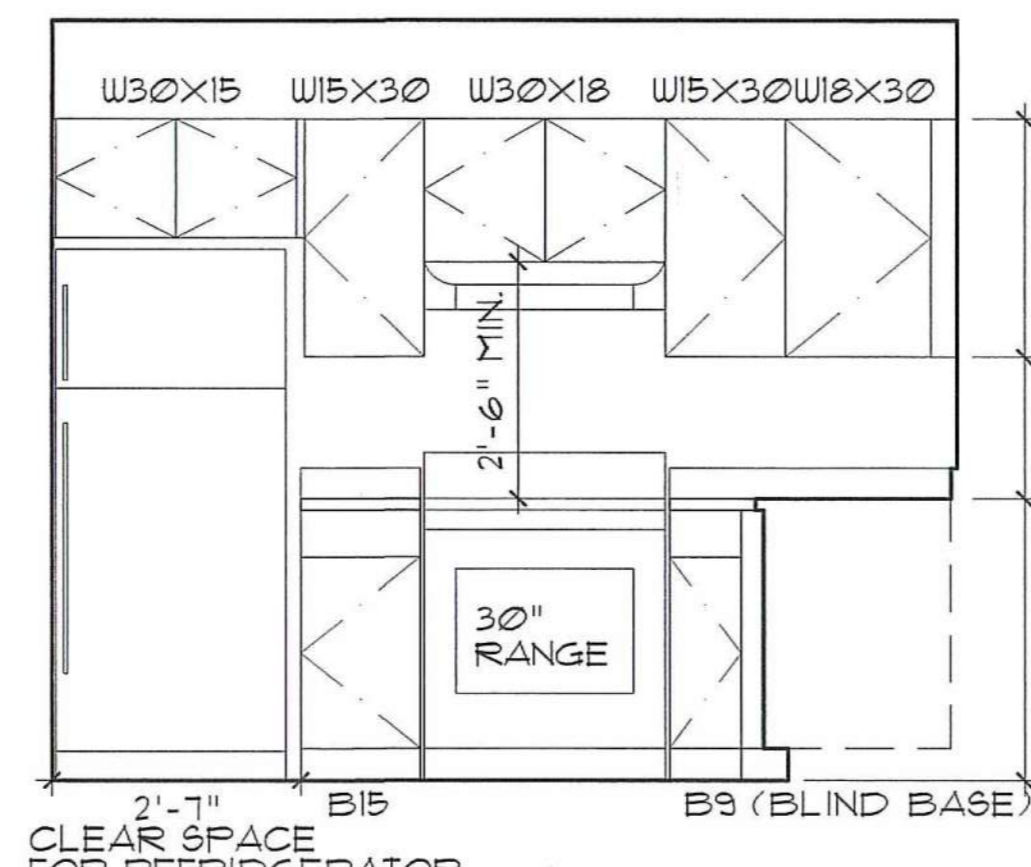
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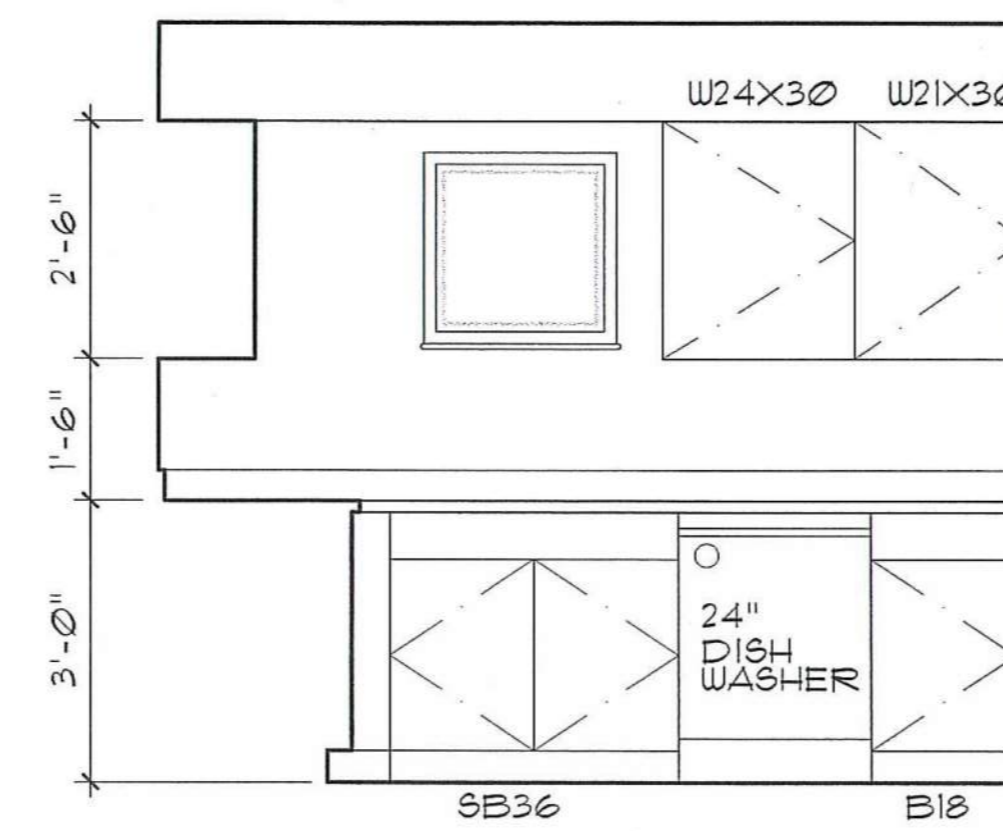




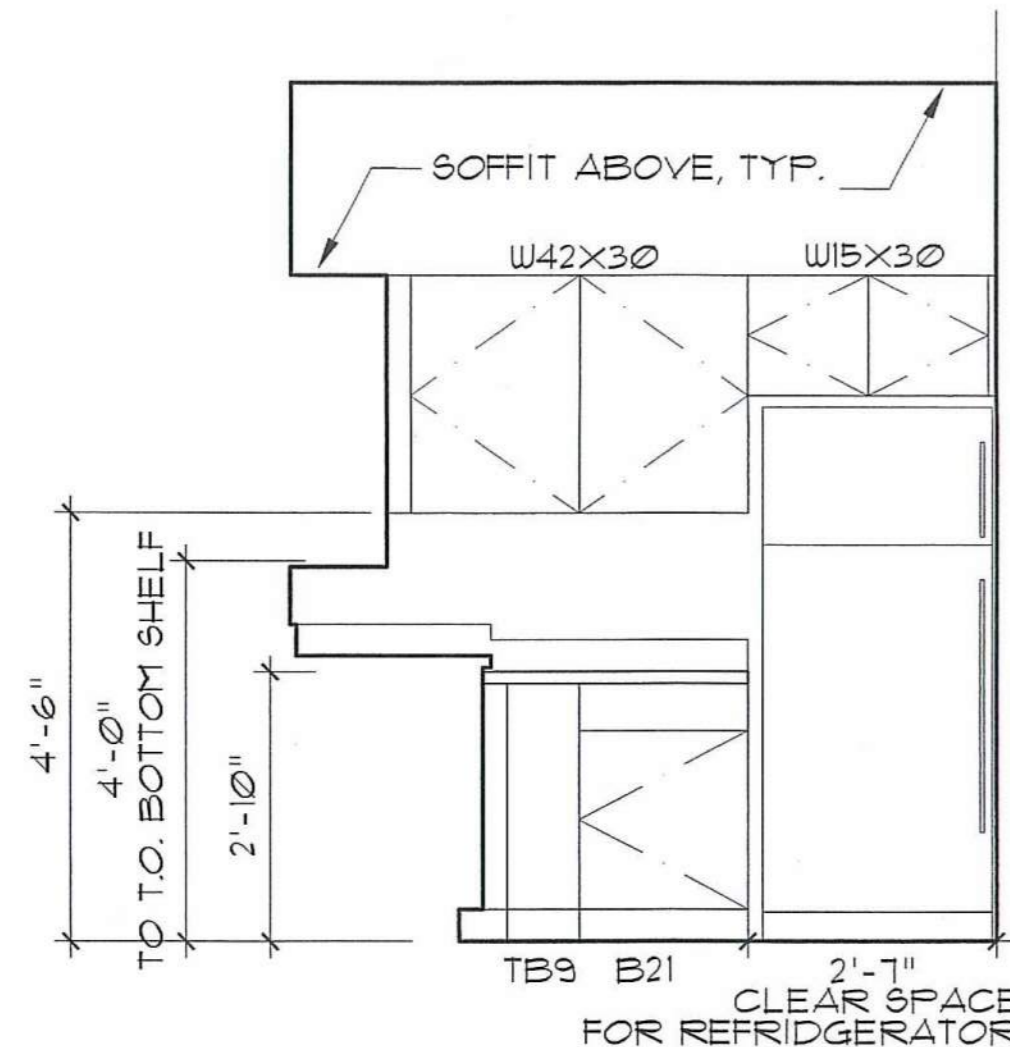
1 ELEVATION 1
FHA COMPLIANT



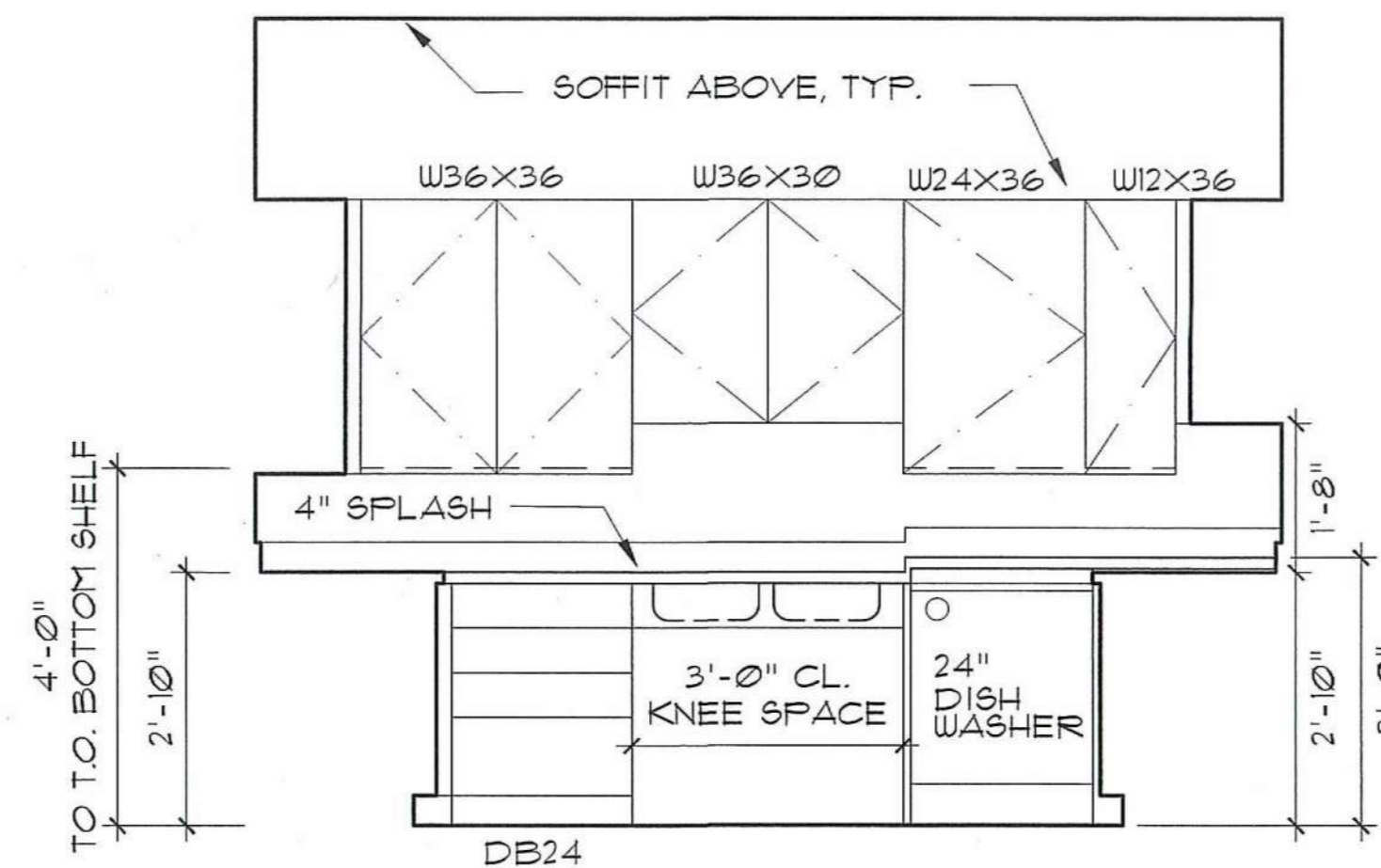
2 ELEVATION 2
FHA COMPLIANT



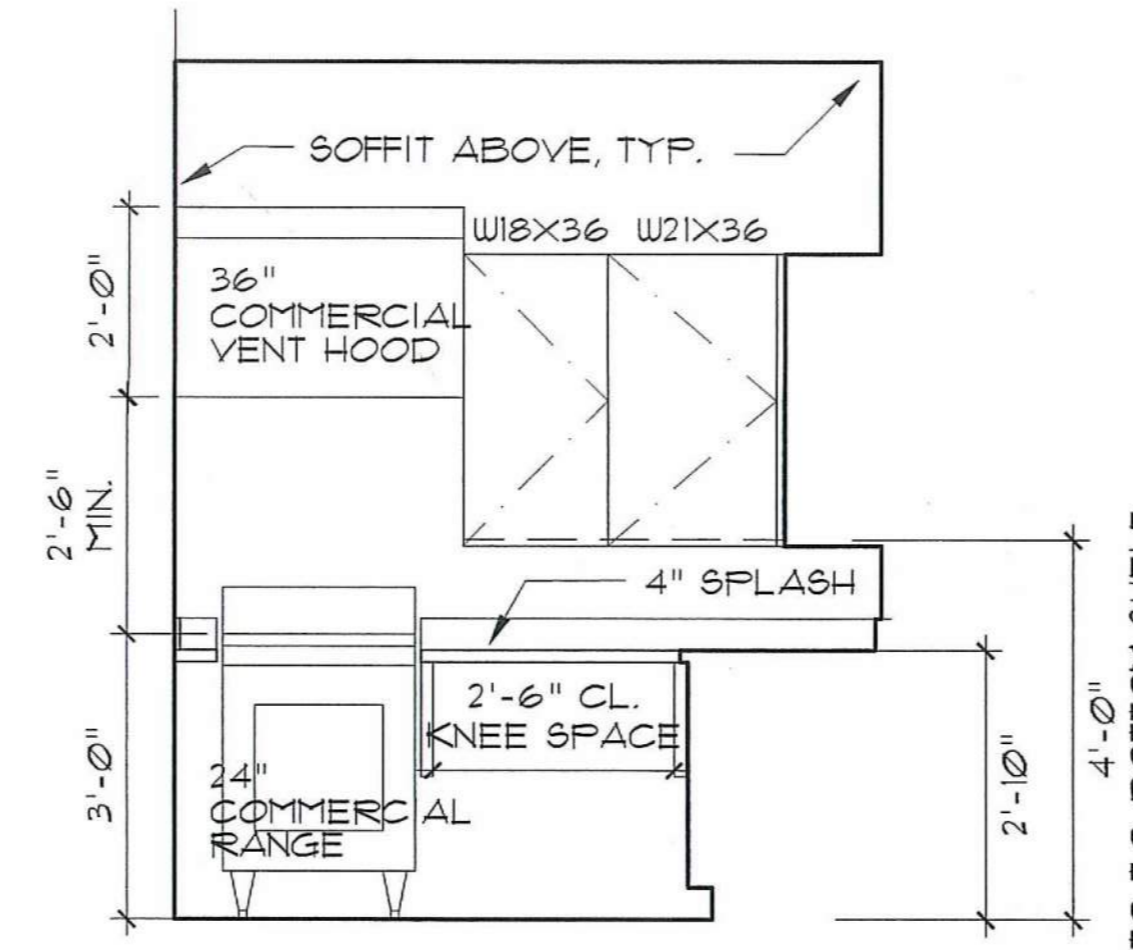
3 ELEVATION 3
FHA COMPLIANT



4 ELEVATION 4
ANSI COMPLIANT



5 ELEVATION 5
ANSI COMPLIANT



6 ELEVATION 6
ANSI COMPLIANT

UFAS KITCHEN REQUIREMENTS 4.34.6

- GENERAL
- CLEARANCES BETWEEN ALL OPPOSING BASE CABINETS, COUNTER TOPS, APPLIANCES OR WALLS SHALL BE 40" MIN. EXCEPT IN U-SHAPED KITCHENS, WHERE CLEARANCE SHALL BE 60".
 - CLEAR FLOOR SPACES ARE NOTED ON PLANS.

WORK SURFACES 4.34.6.4

- COUNTER HEIGHT I.E. FLOOR TO TOP OF COUNTER SURFACE IS 34".
- PROVIDE AT LEAST ONE 30" MIN. WIDE AND 19" MIN. DEEP, FORWARD APPROACH CLEAR WORK SPACE.
- COUNTER AND SUPPORTING STRUCTURE OVER REQUIRED CLEAR SPACES SHALL BE NO THICKER THAN 2".

SINKS 4.34.6.5

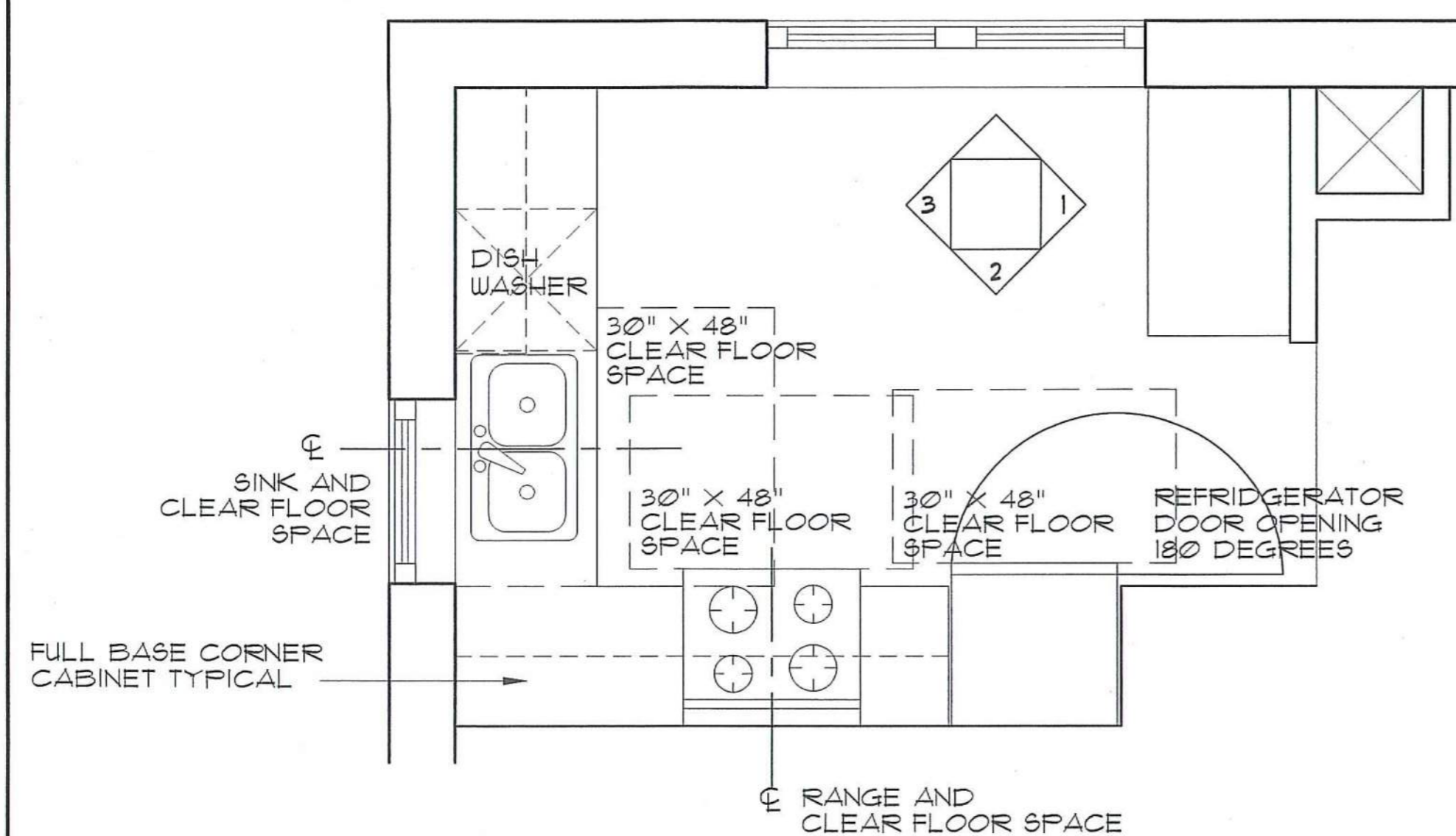
- SINK AND SURROUNDING COUNTER SHALL BE MOUNTED AT 34"
- ROUGH IN PLUMBING SHALL BE LOCATED TO ACCEPT CONNECTIONS OF SUPPLY AND DRAIN PIPES FOR SINKS MOUNTED AT THE HEIGHT OF 28".
- DEPTH OF SINK BOWL SHALL BE NO GREATER THAN 6 1/2".
- COUNTER AND SUPPORTING STRUCTURE OVER REQUIRED CLEAR SPACE SHALL BE NO THICKER THAN 2".
- KNEE CLEARANCE UNDERNEATH SINKS SHALL BE MIN. OF 27" HIGH, 30" WIDE, AND 19" DEEP.
- HOT WATER AND DRAIN PIPES EXPOSED UNDER SINKS SHALL BE INSULATED OR OTHERWISE COVERED.

REFRIGERATOR 4.34.6.8

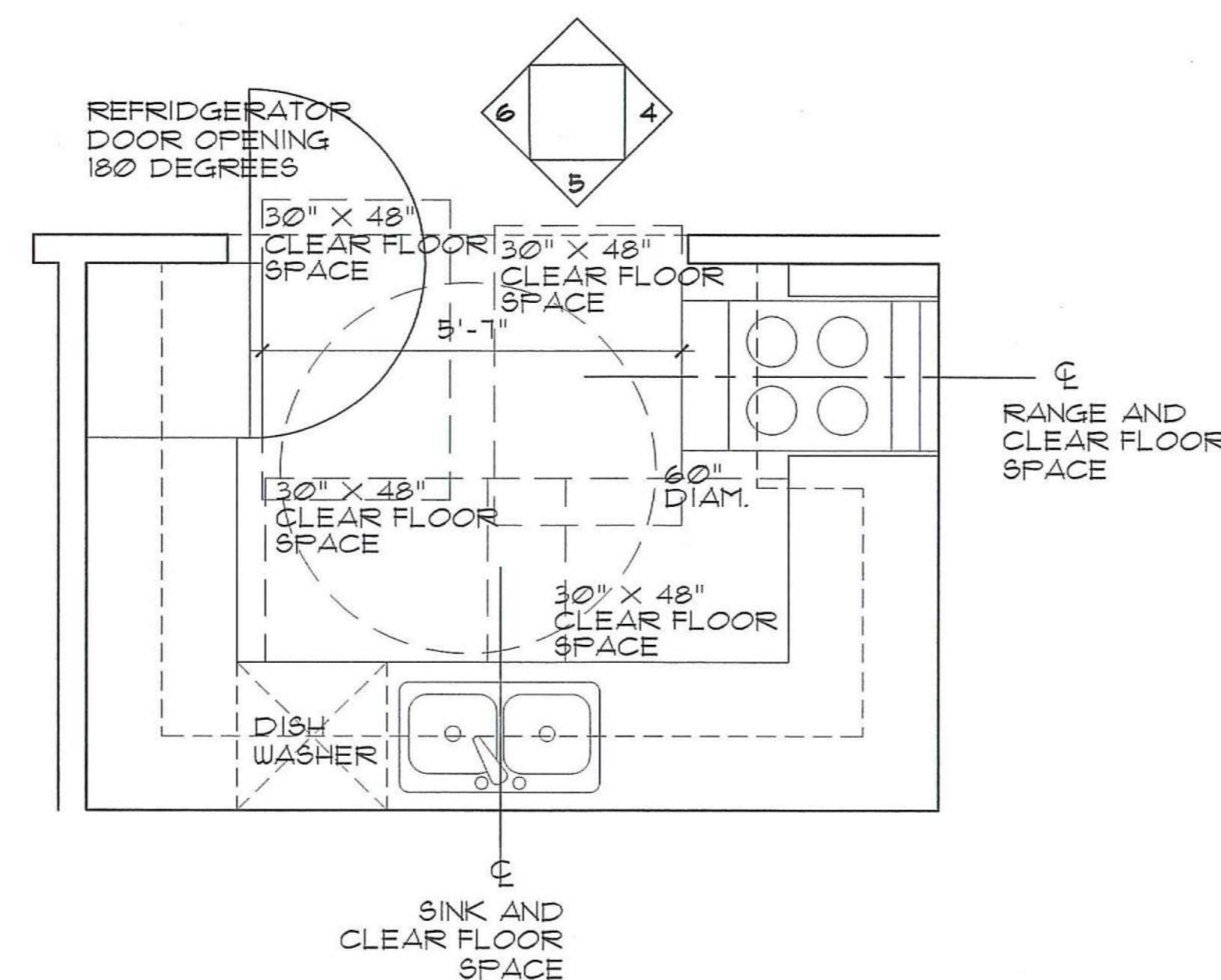
- AT LEAST 50% OF FREEZER SPACE MUST BE BELOW 54" AND SHALL BE SELF DEFROSTING KITCHEN STORAGE 4.34.6.10
- MAX. HEIGHT TO THE TOP SURFACE OF AT LEAST ONE SHELF OF ALL CABINETS AND STORAGE SHELVES MOUNTED ABOVE WORK COUNTERS SHALL BE 48".

KITCHEN ELEVATIONS

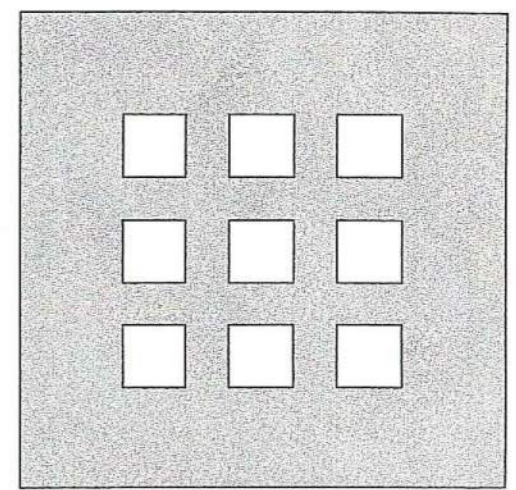
SCALE: 1/2" = 1'-0"



1 UNIT D KITCHEN - ENLARGED PLAN
SCALE: 1/2" = 1'-0" FHA COMPLIANT



2 COMMON KITCHEN - ENLARGED PLAN
SCALE: 1/2" = 1'-0" ANSI COMPLIANT



**DOMENECH
HICKS &
KROCKMALNIC
ARCHITECTS**

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Fax 617-267-1990

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**DAYTON HOPE VI
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100% CONSTRUCTION DRAWINGS

UNIT AND COMMON ENLARGED
KITCHEN PLANS AND
INTERIOR ELEVATIONS

Scale: AS NOTED

File Name: A-EL-INT

Drawn By: RB

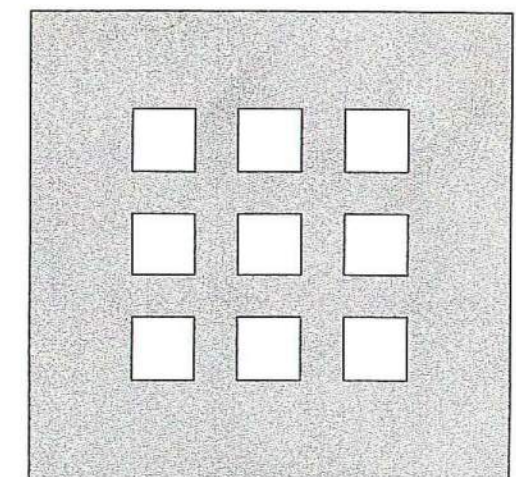
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Job No.: 2101.1

Date: 06-24-02



A-5.4



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Boston, MA 02115
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**DAYTON HOPE VI
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100% CONSTRUCTION DRAWINGS

COMMON AREAS
INTERIOR ELEVATIONS

Scale AS NOTED

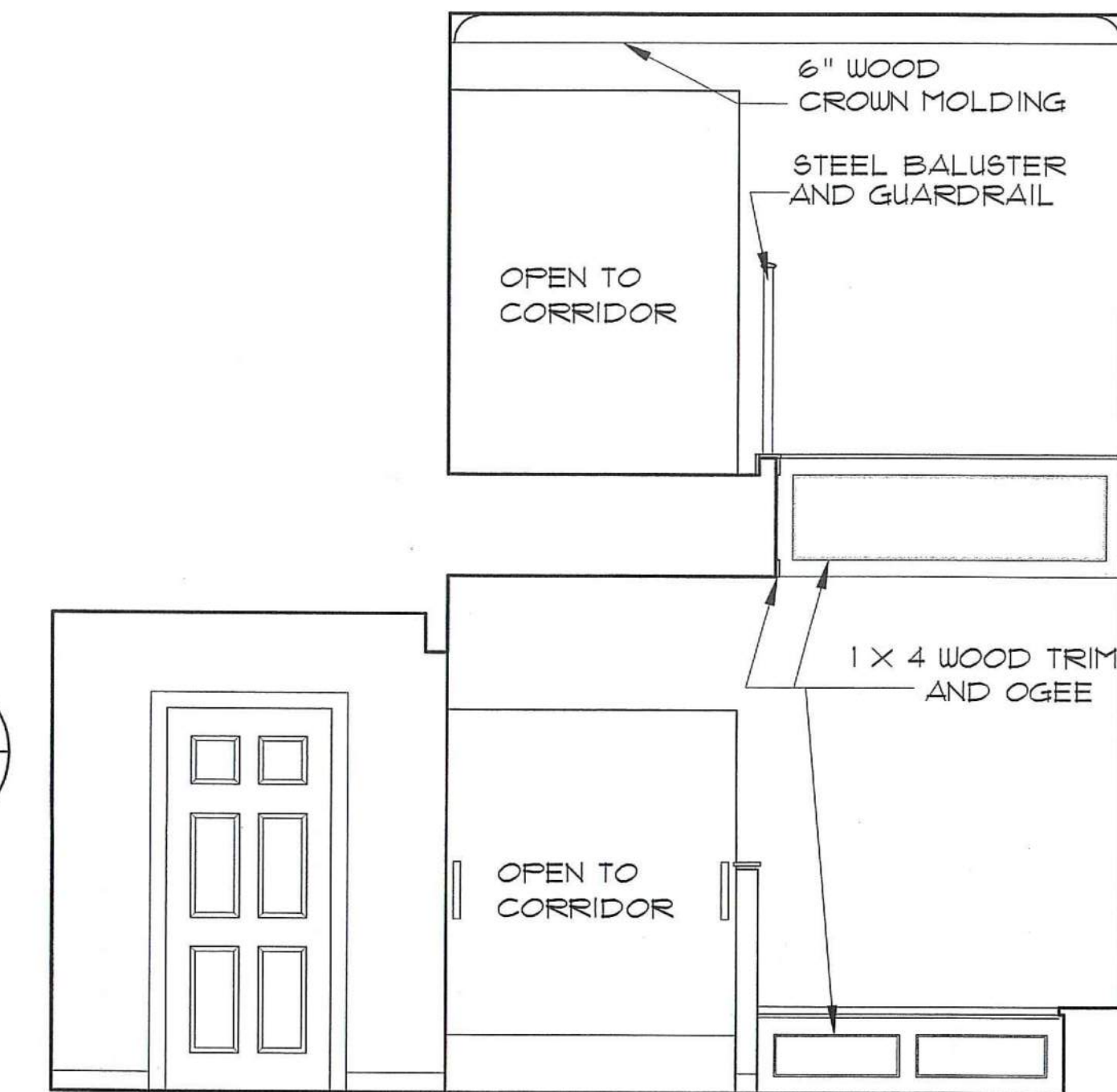
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Drawn By: RB
Checked By: MP
Job No.: 2101.1
Date: 06-24-02



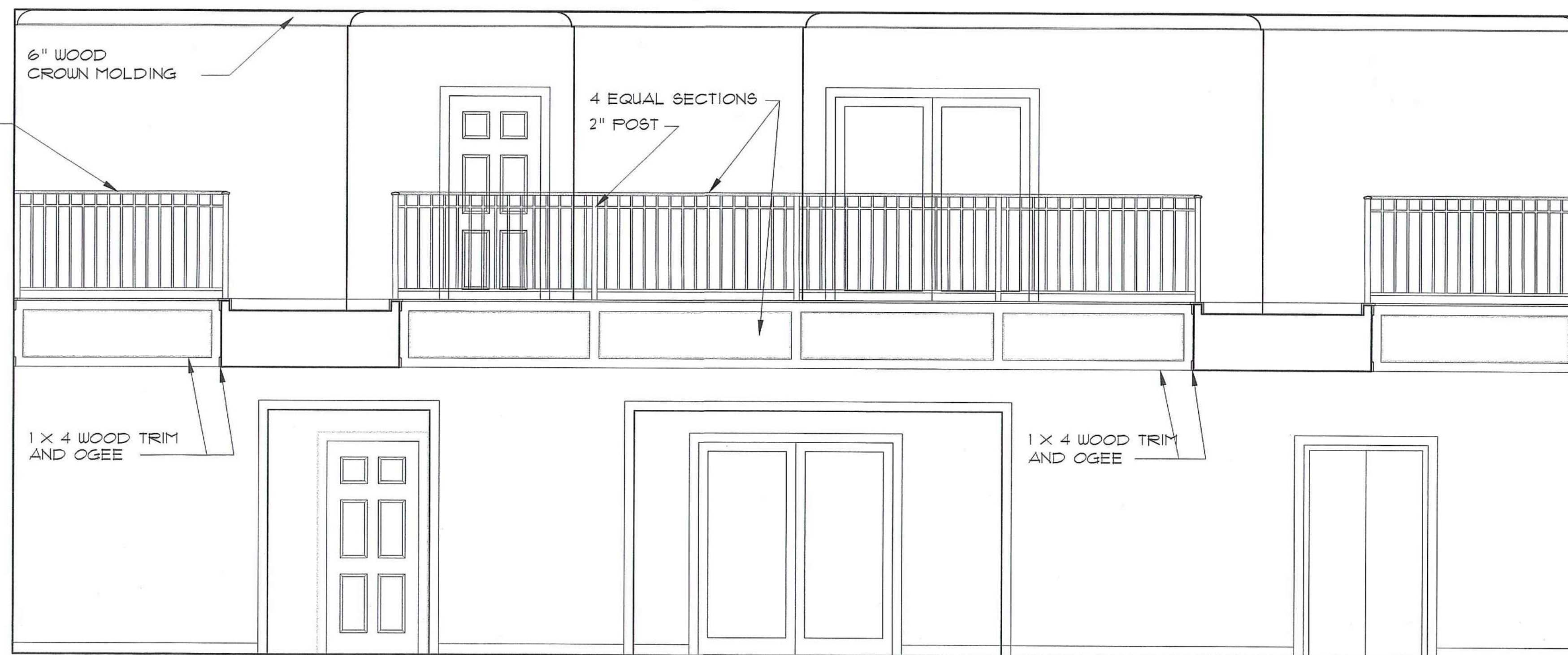
A-5.5



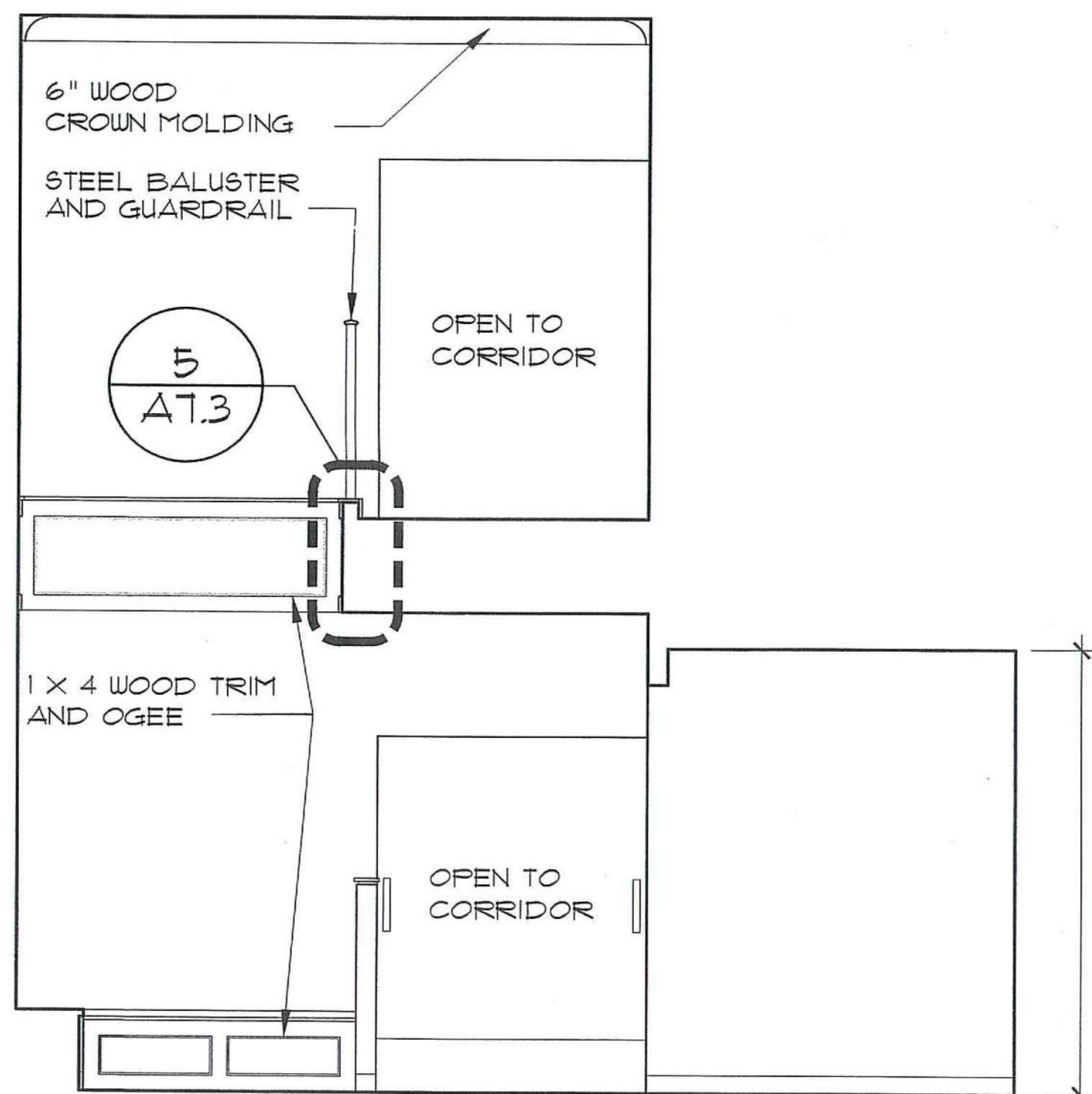
1 SECTION ELEVATION 1 - FIRST & SECOND FLOOR LOBBY



2 SECTION ELEVATION 2 - FIRST & SECOND FLOOR LOBBY



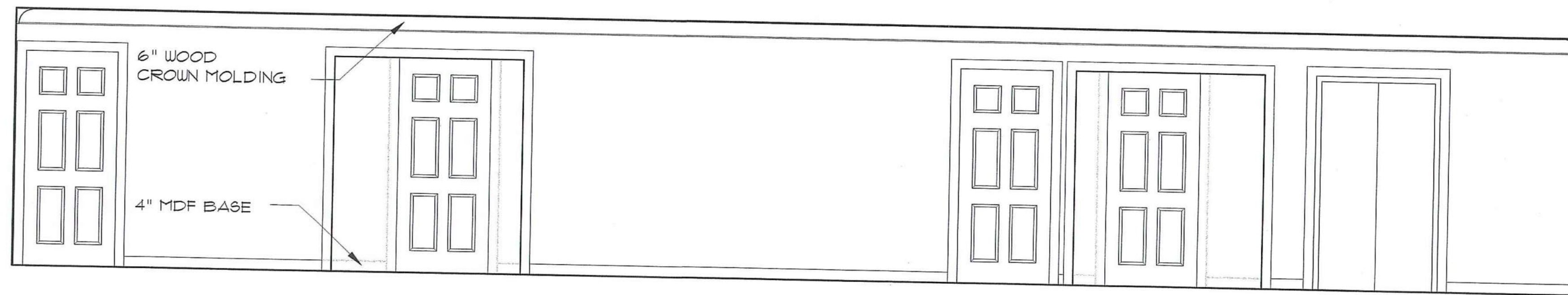
3 SECTION ELEVATION 3 - FIRST & SECOND FLOOR LOBBY



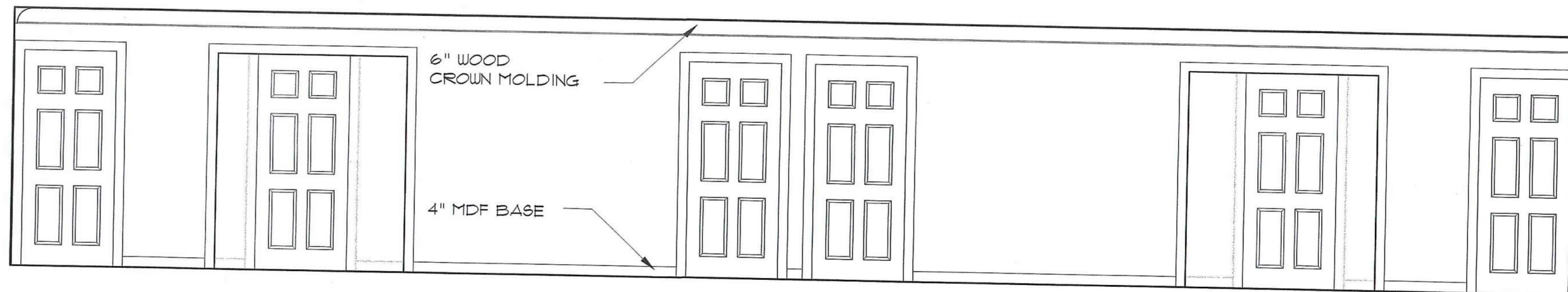
4 SECTION ELEVATION 4 - FIRST & SECOND FLOOR LOBBY

STEEL BALUSTER
AND GUARDRAIL:
3" X 1 1/8" TOP
GUARDRAIL
3/4" X 3/4" PICKETS
3/4" X 3/4" INTER-
RAIL & BOTTOM RAIL
2" X 2" POSTS
SEE A T.3

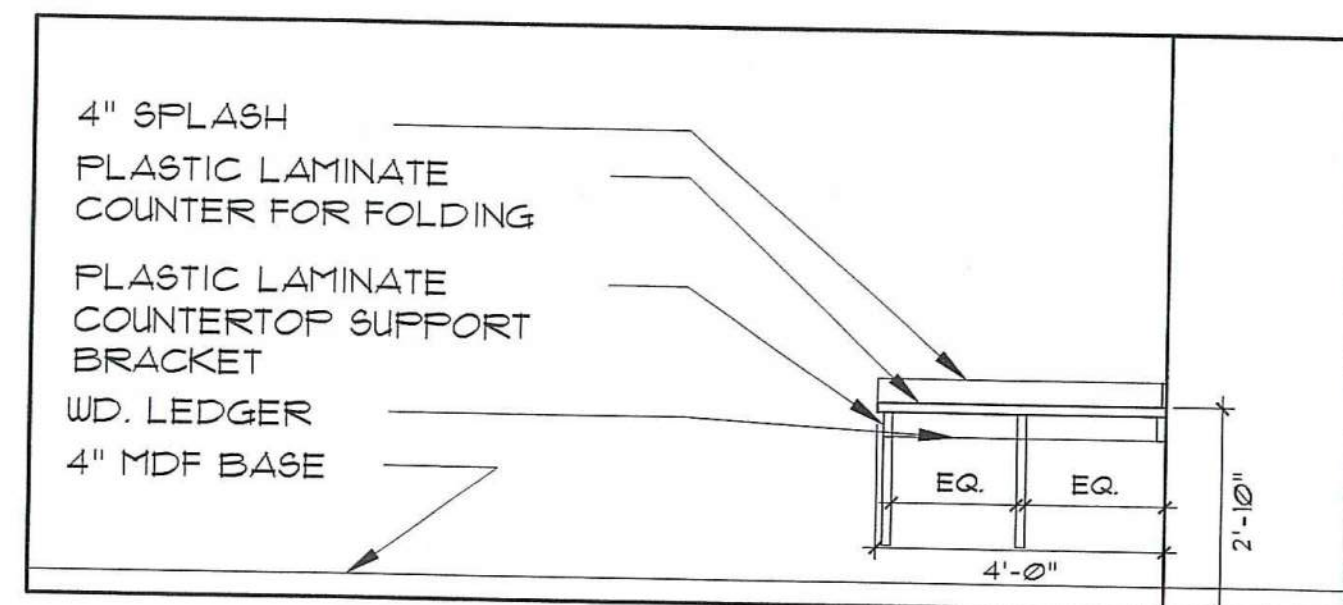
COMMON SPACES INTERIOR ELEVATIONS
SCALE: 3/8" = 1'-0"



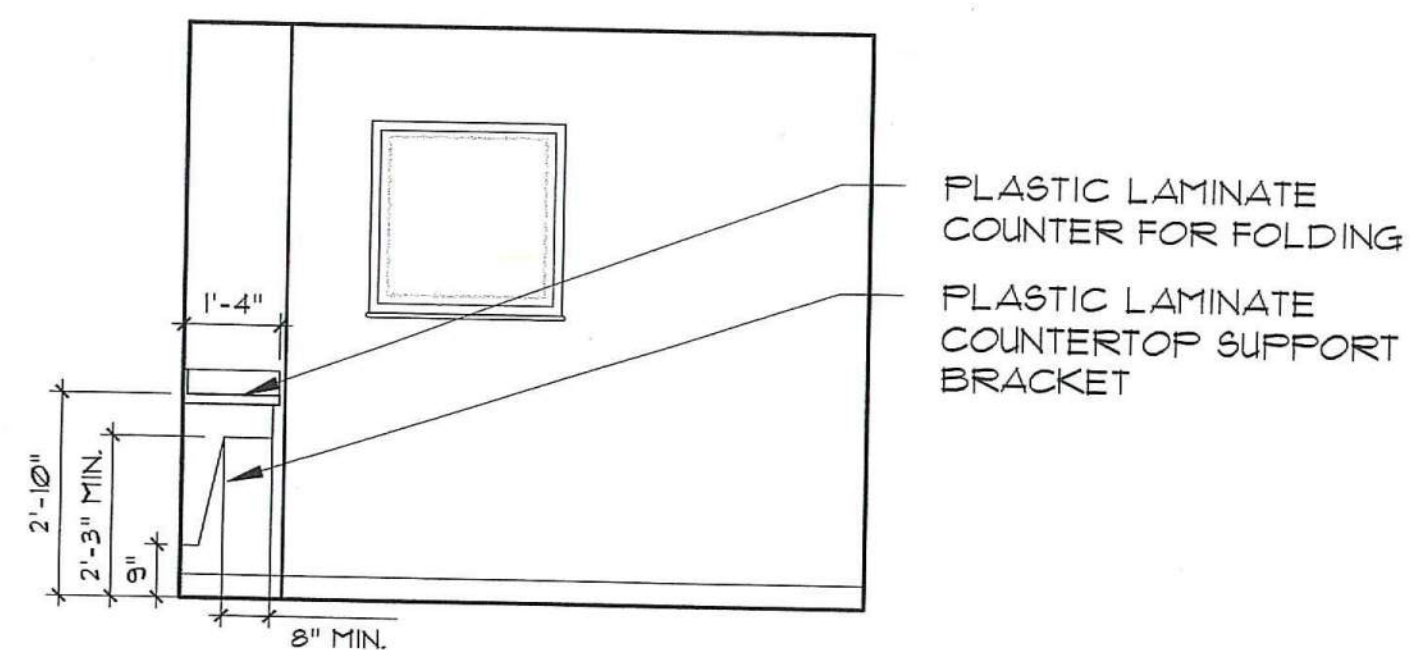
1 ELEVATION 1 - THIRD FLOOR LOBBY



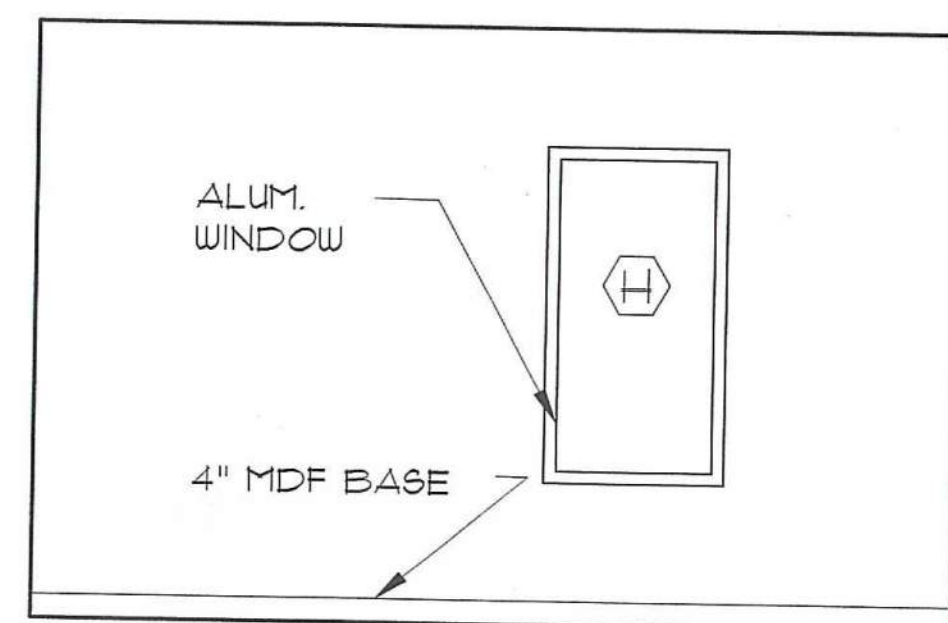
2 ELEVATION 2 - THIRD FLOOR LOBBY



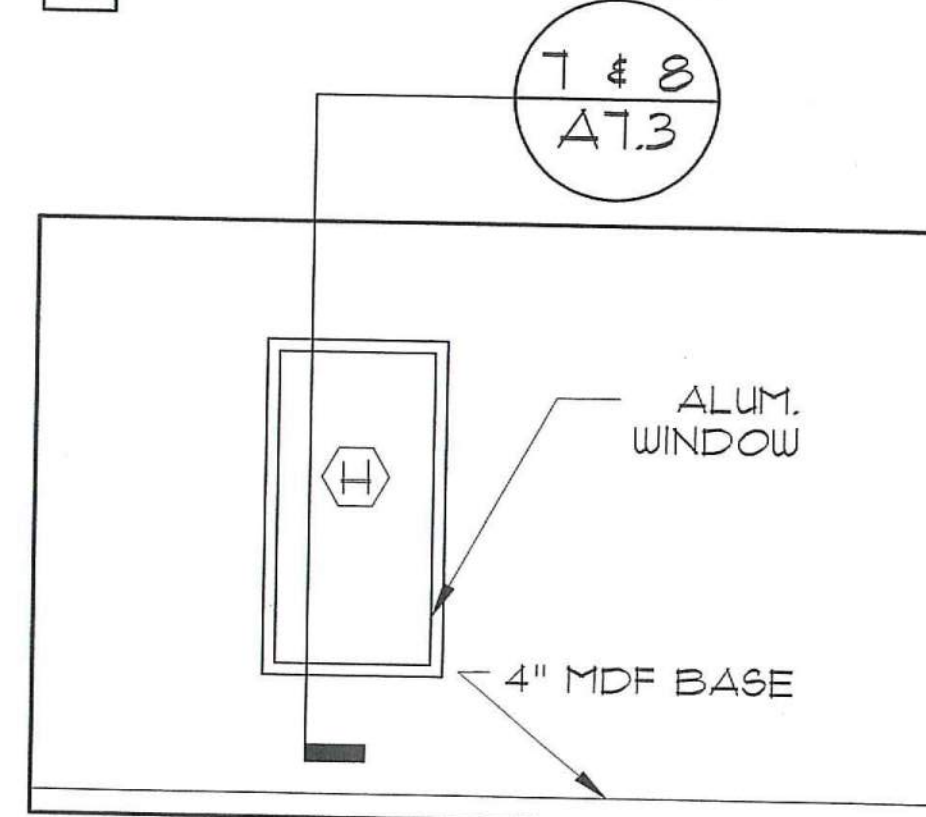
3 ELEVATION 3 - LAUNDRY



4 ELEVATION 4 - LAUNDRY



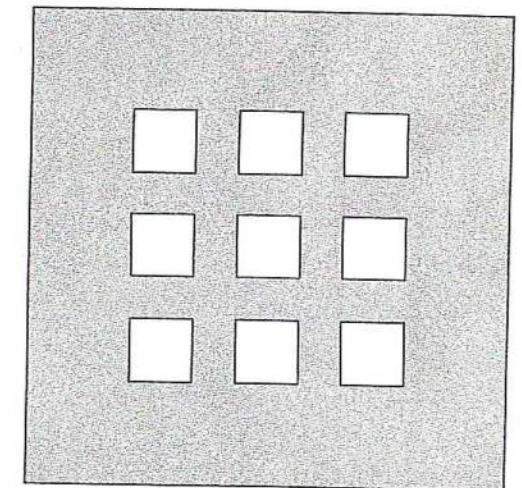
5 ELEVATION 5 - VESTIBULE



4 ELEVATION 6 - VESTIBULE

COMMON SPACES INTERIOR ELEVATIONS

SCALE: 3/8" = 1'-0"



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COMMON AREAS
INTERIOR ELEVATIONS

Scale AS NOTED

File Name A-EL-INT

Drawn By RB

Checked By MP

Job No. 2101.1

Date 06-24-02

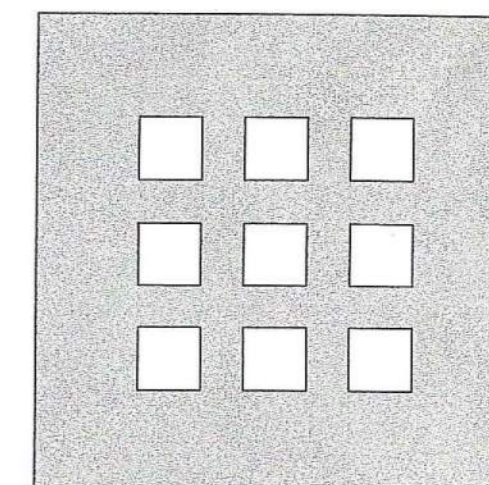


Drawing No. *[Signature]*

A-5.6

ROOM FINISH SCHEDULE

AREA	ROOM NO.	ROOM NAME	FLOOR	BASE	WALLS		CEILING			ROOM FINISH NOTES
					MATERIAL	FINISH	MAT.	FIN.	HEIGHT	
UNIT A 4 A'	001	ENTRY	CARPET	4" MDF	GYP SUM WALL BOARD	PAINTED	GWB	PAINTED		INCLUDING CLOSET
	002	KITCHEN	VCT	4" MDF	GYP SUM WALL BOARD	PAINTED	GWB	PAINTED		MOISTURE RESISTANT GWB TO 48" AFF AT SINK WALL
	003	LIVING	CARPET	4" MDF	GYP SUM WALL BOARD	PAINTED	GWB	PAINTED		INCLUDING CLOSET
	004	BEDROOM	CARPET	4" MDF	GYP SUM WALL BOARD	PAINTED	GWB	PAINTED		INCLUDING CLOSET
	005	HALL	CARPET	4" MDF	GYP SUM WALL BOARD	PAINTED	GWB	PAINTED		INCLUDING CLOSET
	006	BATH	VCT	4" MDF	MOISTURE RESISTANT GYP SUM WALL BOARD	PAINTED	GWB	PAINTED		INCLUDING CLOSET
	007	UTILITY	VCT	4" MDF	MOISTURE RESISTANT GYP SUM WALL BOARD	PAINTED	GWB	PAINTED		INCLUDING CLOSET
UNIT B 4 B'	001	ENTRY	VCT	4" MDF	GYP SUM WALL BOARD	PAINTED	GWB	PAINTED		INCLUDING CLOSET
	002	KITCHEN	VCT	4" MDF	GYP SUM WALL BOARD	PAINTED	GWB	PAINTED		MOISTURE RESISTANT GWB TO 48" AFF AT SINK WALL
	003	LIVING	CARPET	4" MDF	GYP SUM WALL BOARD	PAINTED	GWB	PAINTED		INCLUDING CLOSET
	004	BEDROOM	CARPET	4" MDF	GYP SUM WALL BOARD	PAINTED	GWB	PAINTED		INCLUDING CLOSET
	005	HALL	CARPET	4" MDF	GYP SUM WALL BOARD	PAINTED	GWB	PAINTED		INCLUDING CLOSET
	006	BATH	VCT	4" MDF	MOISTURE RESISTANT GYP SUM WALL BOARD	PAINTED	GWB	PAINTED		INCLUDING CLOSET
	007	UTILITY	VCT	4" MDF	MOISTURE RESISTANT GYP SUM WALL BOARD	PAINTED	GWB	PAINTED		INCLUDING CLOSET
UNIT C	001	ENTRY	VCT	4" MDF	GYP SUM WALL BOARD	PAINTED	GWB	PAINTED		INCLUDING CLOSET
	002	KITCHEN	VCT	4" MDF	GYP SUM WALL BOARD	PAINTED	GWB	PAINTED		MOISTURE RESISTANT GWB TO 48" AFF AT SINK WALL
	003	LIVING	CARPET	4" MDF	GYP SUM WALL BOARD	PAINTED	GWB	PAINTED		INCLUDING CLOSET
	004	BEDROOM	CARPET	4" MDF	GYP SUM WALL BOARD	PAINTED	GWB	PAINTED		INCLUDING CLOSET
	005	HALL	CARPET	4" MDF	GYP SUM WALL BOARD	PAINTED	GWB	PAINTED		INCLUDING CLOSET
	006	BATH	VCT	4" MDF	MOISTURE RESISTANT GYP SUM WALL BOARD	PAINTED	GWB	PAINTED		INCLUDING CLOSET
	007	UTILITY	VCT	4" MDF	MOISTURE RESISTANT GYP SUM WALL BOARD	PAINTED	GWB	PAINTED		INCLUDING CLOSET
UNITS D 4 E	001	ENTRY	VCT	4" MDF	GYP SUM WALL BOARD	PAINTED	GWB	PAINTED		INCLUDING CLOSET
	002	KITCHEN	VCT	4" MDF	GYP SUM WALL BOARD	PAINTED	GWB	PAINTED		MOISTURE RESISTANT GWB TO 48" AFF AT SINK WALL
	003	LIVING	CARPET	4" MDF	GYP SUM WALL BOARD	PAINTED	GWB	PAINTED		INCLUDING CLOSET
	004	BEDROOM	CARPET	4" MDF	GYP SUM WALL BOARD	PAINTED	GWB	PAINTED		INCLUDING CLOSET
	005	HALL	CARPET	4" MDF	GYP SUM WALL BOARD	PAINTED	GWB	PAINTED		INCLUDING CLOSET
	006	BATH	VCT	4" MDF	MOISTURE RESISTANT GYP SUM WALL BOARD	PAINTED	GWB	PAINTED		INCLUDING CLOSET
	007	UTILITY	VCT	4" MDF	MOISTURE RESISTANT GYP SUM WALL BOARD	PAINTED	GWB	PAINTED		INCLUDING CLOSET
COMMON										
FIRST FLOOR	100	VESTIBULE	QUARRY TILE	QUARRY TILE	GYP SUM WALL BOARD	PAINTED	GWB	PAINTED	8'-4"	UP TO 1/3 OF AREA TO BE ACCENT COLOR
	100a		CARPET	4" MDF	GYP SUM WALL BOARD	PAINTED	GWB	PAINTED	8'-4"	
	101	LOBBY	CARPET	4" MDF	GYP SUM WALL BOARD	PAINTED	GWB	PAINTED	9'-0"	CARPET TO INCLUDE BORDER
	101a		CARPET	4" MDF	GYP SUM WALL BOARD	PAINTED	GWB	PAINTED	8'-4"	
	102	CORRIDOR	CARPET	4" MDF	GYP SUM WALL BOARD	PAINTED	GWB	PAINTED		
	103	CORRIDOR	CARPET	4" MDF	GYP SUM WALL BOARD	PAINTED	GWB	PAINTED		
	104	STAIR 1	SEALED CONCRETE	NONE	CONCRETE MASONRY UNITS	PAINTED	GWB	PAINTED		
	105	STAIR 2	SEALED CONCRETE	NONE	CONCRETE MASONRY UNITS	PAINTED	GWB	PAINTED		
	106	OFFICE	CARPET	4" MDF	GYP SUM WALL BOARD	PAINTED	GWB	PAINTED	9'-0"	
	107	OFFICE	CARPET	4" MDF	GYP SUM WALL BOARD	PAINTED	GWB	PAINTED	9'-0"	
	108	OFFICE	CARPET	4" MDF	GYP SUM WALL BOARD	PAINTED	GWB	PAINTED	9'-0"	
	109	OFFICE	CARPET	4" MDF	GYP SUM WALL BOARD	PAINTED	GWB	PAINTED	9'-0"	
	110	ELEVATOR MACHINE	SEALED CONCRETE	NONE	GYP SUM WALL BOARD	PAINTED	GWB	PAINTED	8'-0"	
	111	TRASH	SEALED CONCRETE	NONE	CONCRETE MASONRY UNITS	PAINTED	GWB	PAINTED		
	112	KITCHEN	VCT	4" MDF	GYP SUM WALL BOARD	PAINTED	GWB	PAINTED	8'-4"	MOISTURE RESISTANT GWB TO 48" AFF @ SINK WALL
	113	WC	VCT	4" MDF	MOISTURE RESISTANT GYP SUM WALL BOARD	PAINTED	GWB	PAINTED	8'-0"	
	114	WC	VCT	4" MDF	MOISTURE RESISTANT GYP SUM WALL BOARD	PAINTED	GWB	PAINTED	8'-0"	
	115	STORAGE	VCT	4" MDF	GYP SUM WALL BOARD	PAINTED	GWB	PAINTED	9'-0"	
	116	COMMON	VCT	4" MDF	GYP SUM WALL BOARD	PAINTED	GWB	PAINTED	9'-0"	UP TO 1/3 OF AREA TO BE ACCENT COLOR
	117	MECHANICAL	SEALED CONCRETE	NONE	GYP SUM WALL BOARD	PAINTED	GWB	PAINTED		
	118	MAIN ELECTRIC	SEALED CONCRETE	NONE	GYP SUM WALL BOARD	PAINTED	GWB	PAINTED		
119	LAUNDRY	VCT	4" MDF	GYP SUM WALL BOARD	PAINTED	GWB	PAINTED			
120	JANITOR	VCT	NONE	MOISTURE RESISTANT GYP SUM WALL BOARD	PAINTED	GWB	PAINTED		MOISTURE RESISTANT GWB TO 48" AFF @ WASHER LOCATION	
121	HALL	CARPET	4" MDF	GYP SUM WALL BOARD	PAINTED	GWB	PAINTED	8'-4"		
SECOND FLOOR	201	ELEV. LOBBY	CARPET	4" MDF	GYP SUM WALL BOARD	PAINTED	GWB	PAINTED		
	202	CORRIDOR	CARPET	4" MDF	GYP SUM WALL BOARD	PAINTED	GWB	PAINTED		
	203	CORRIDOR	CARPET	4" MDF	GYP SUM WALL BOARD	PAINTED	GWB	PAINTED		
	204	STAIR 1	SEALED CONCRETE	NONE	CONCRETE MASONRY UNITS	PAINTED	GWB	PAINTED		
	205	STAIR 2	SEALED CONCRETE	NONE	CONCRETE MASONRY UNITS	PAINTED	GWB	PAINTED		
	206	MEETING ROOM	CARPET	4" MDF	GYP SUM WALL BOARD	PAINTED	GWB	PAINTED		
	207	TRASH	VCT	4" MDF	GYP SUM WALL BOARD	PAINTED	GWB	PAINTED		
	208	STORAGE	VCT	4" MDF	GYP SUM WALL BOARD	PAINTED	GWB	PAINTED		
	209	ELECTRIC	VCT	4" MDF	GYP SUM WALL BOARD	PAINTED	GWB	PAINTED		
THIRD FLOOR	301	LOBBY	CARPET	4" MDF	GYP SUM WALL BOARD	PAINTED	GWB	PAINTED		
	302	CORRIDOR	CARPET	4" MDF	GYP SUM WALL BOARD	PAINTED	GWB	PAINTED		
	303	CORRIDOR	CARPET	4" MDF	GYP SUM WALL BOARD	PAINTED	GWB	PAINTED		
	304	STAIR 1	SEALED CONCRETE	NONE	CONCRETE MASONRY UNITS	PAINTED	GWB	PAINTED		
	305	STAIR 2	SEALED CONCRETE	NONE	CONCRETE MASONRY UNITS	PAINTED	GWB	PAINTED		
	306	SUPPORT	VCT	4" MDF	GYP SUM WALL BOARD	PAINTED	GWB	PAINTED		
	307	TRASH	VCT	4" MDF	GYP SUM WALL BOARD	PAINTED	GWB	PAINTED		
	308	SUPPORT	VCT	4" MDF	GYP SUM WALL BOARD	PAINTED	GWB	PAINTED		
	309	ELECTRIC	VCT	4" MDF	GYP SUM WALL BOARD	PAINTED	GWB	PAINTED		
	310	SUPPORT	VCT	4" MDF	GYP SUM WALL BOARD	PAINTED	GWB	PAINTED		
	311	SUPPORT	VCT	4" MDF	GYP SUM WALL BOARD	PAINTED	GWB	PAINTED		
	312	SUPPORT	VCT	4" MDF	GYP SUM WALL BOARD	PAINTED	GWB	PAINTED		



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155 Massachusetts Ave.
Boston, MA 02115
617-267-6408
Fax 617-267-1990

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No.	Date	Revision

**DAYTON HOPE VI
SENIOR HOUSING**

100% CONSTRUCTION DRAWINGS

Title
FINISH SCHEDULE

Scale N/A

File Name A-6.1

Drawn By RB

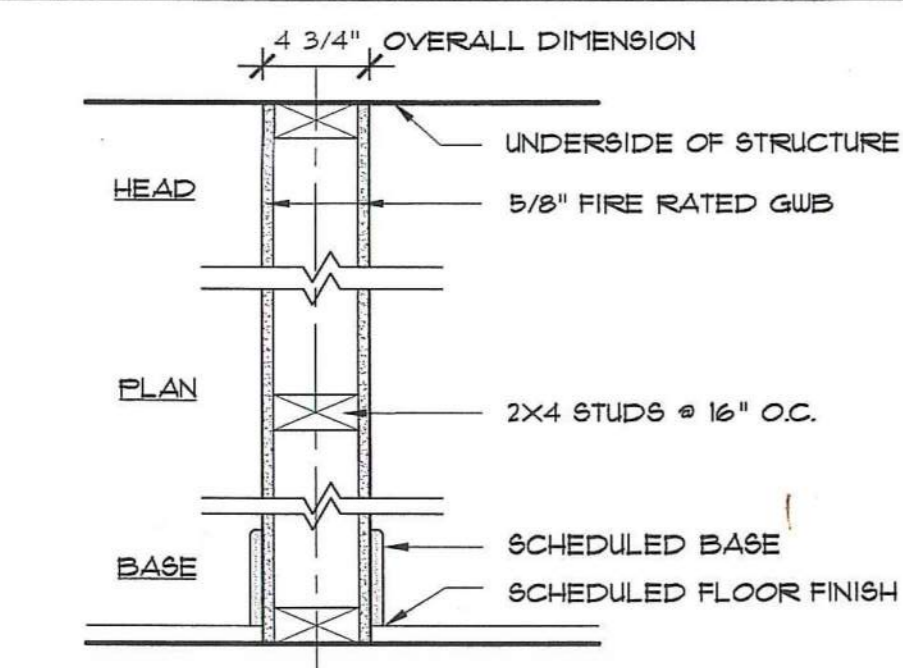
Checked By MP

Job No. 2101.1

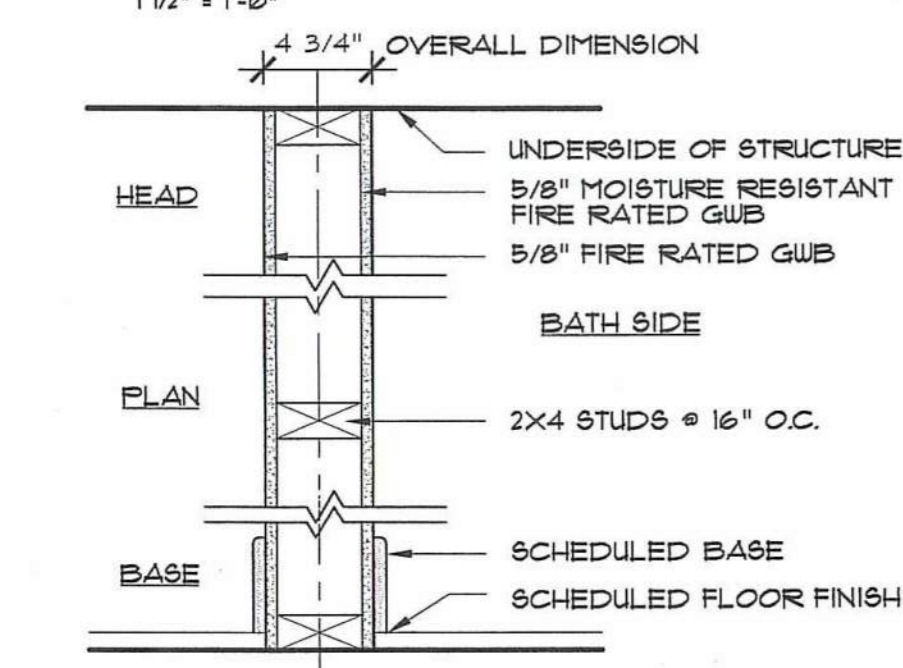
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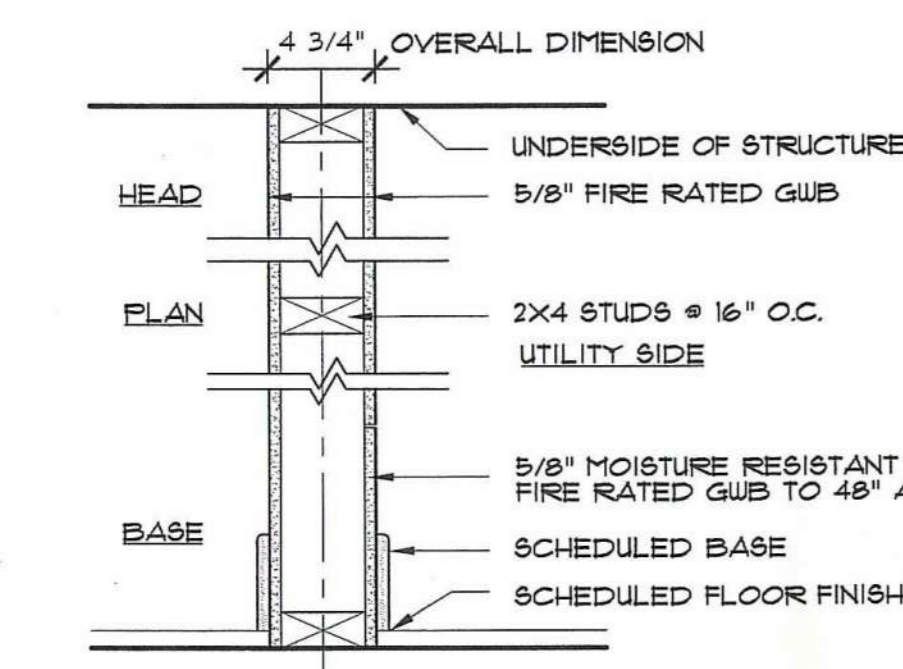
A-6.1



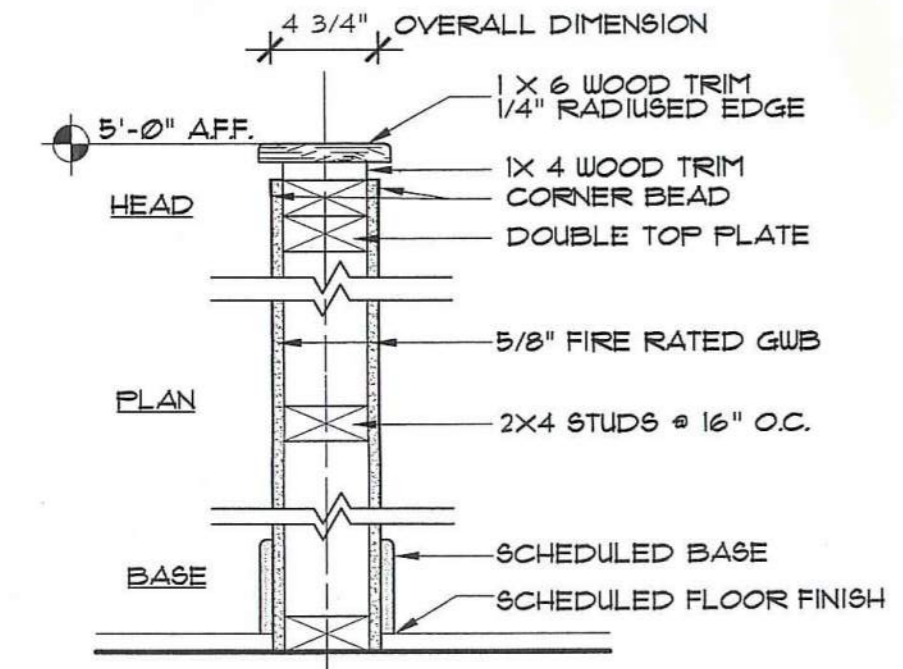
1 2x4 PARTITION
1 1/2" x 1'-0"



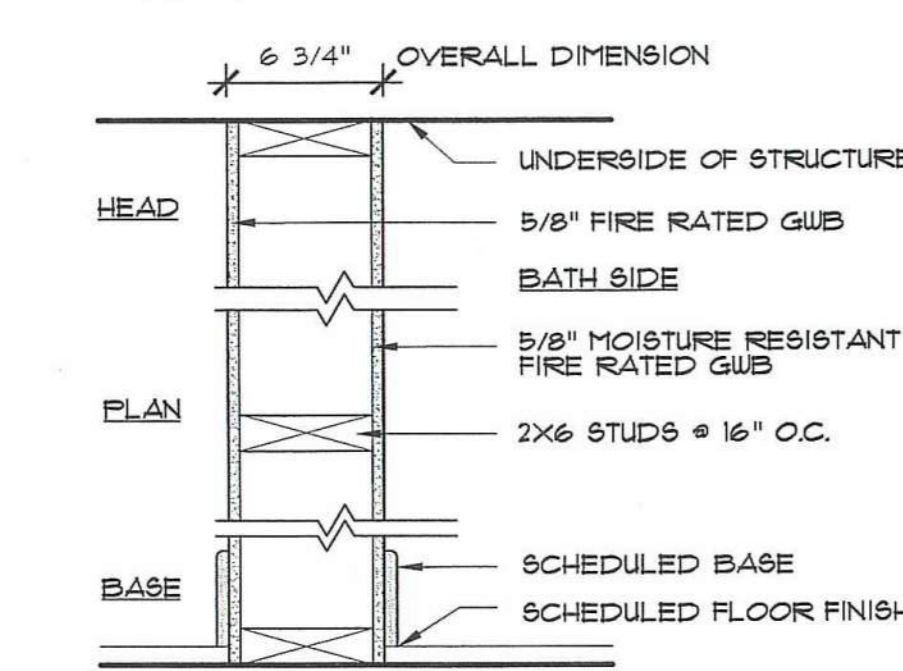
11 BATHROOM PARTITION
1 1/2" x 1'-0"



12 UTILITY PARTITION
1 1/2" x 1'-0"



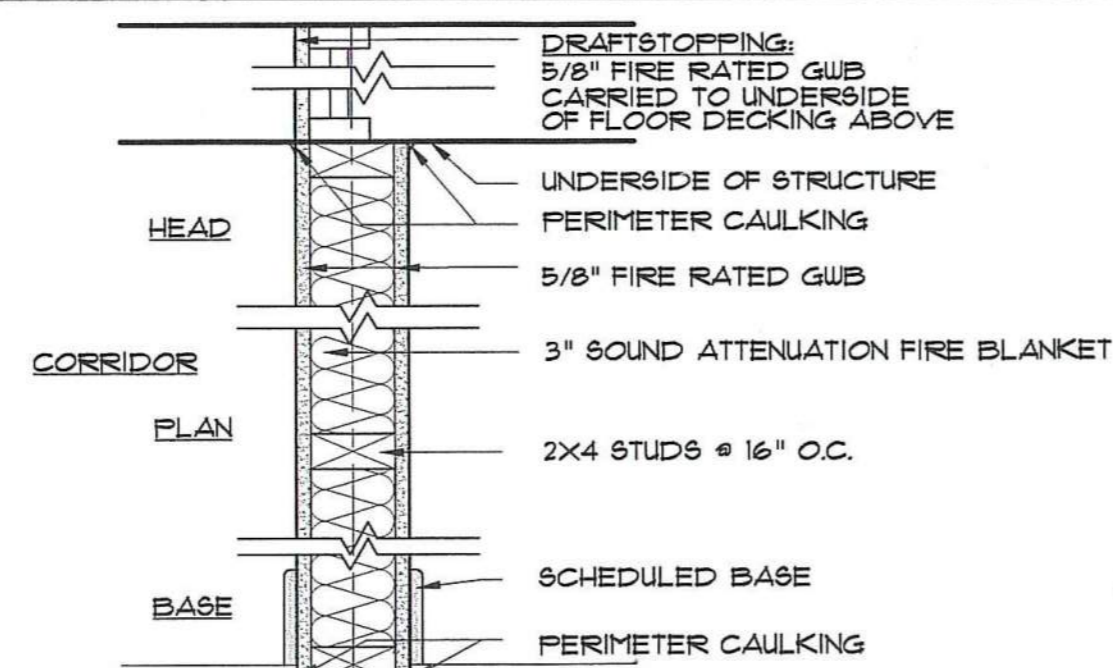
13 LOW PARTITION
1 1/2" x 1'-0"



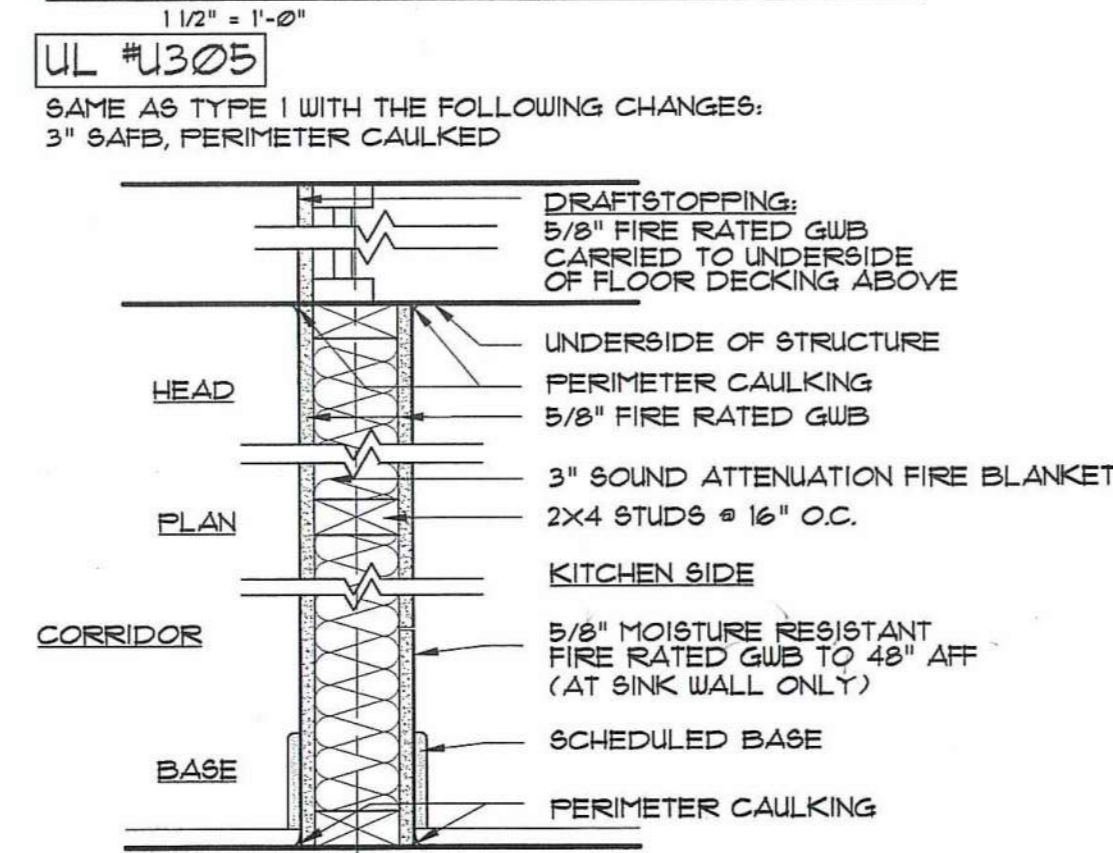
14 2x6 PARTITION @ BATH
1 1/2" x 1'-0"

15 2x6 PARTITION @ BATH
1 1/2" x 1'-0"

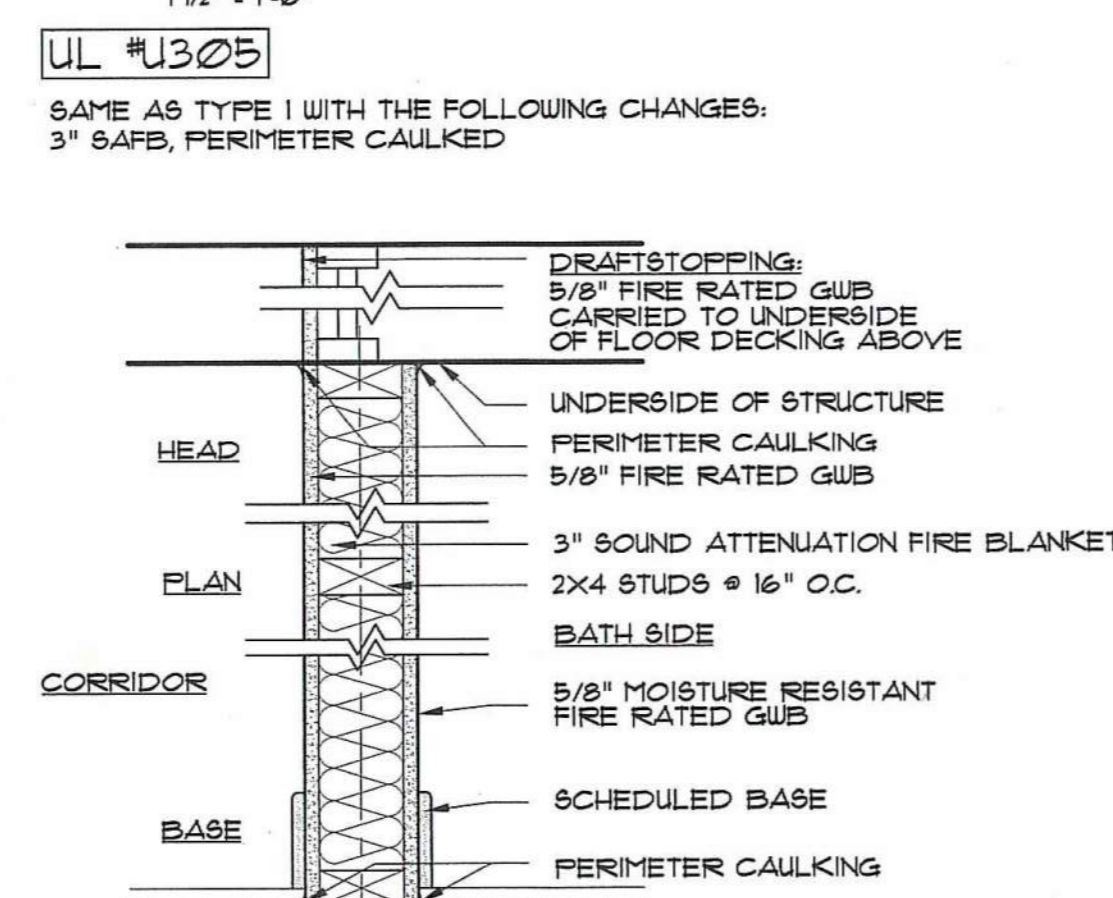
SAME AS TYPE 14, EXCEPT 5/8" FIRE RATED MOISTURE RESISTANT GUB BOTH SIDES



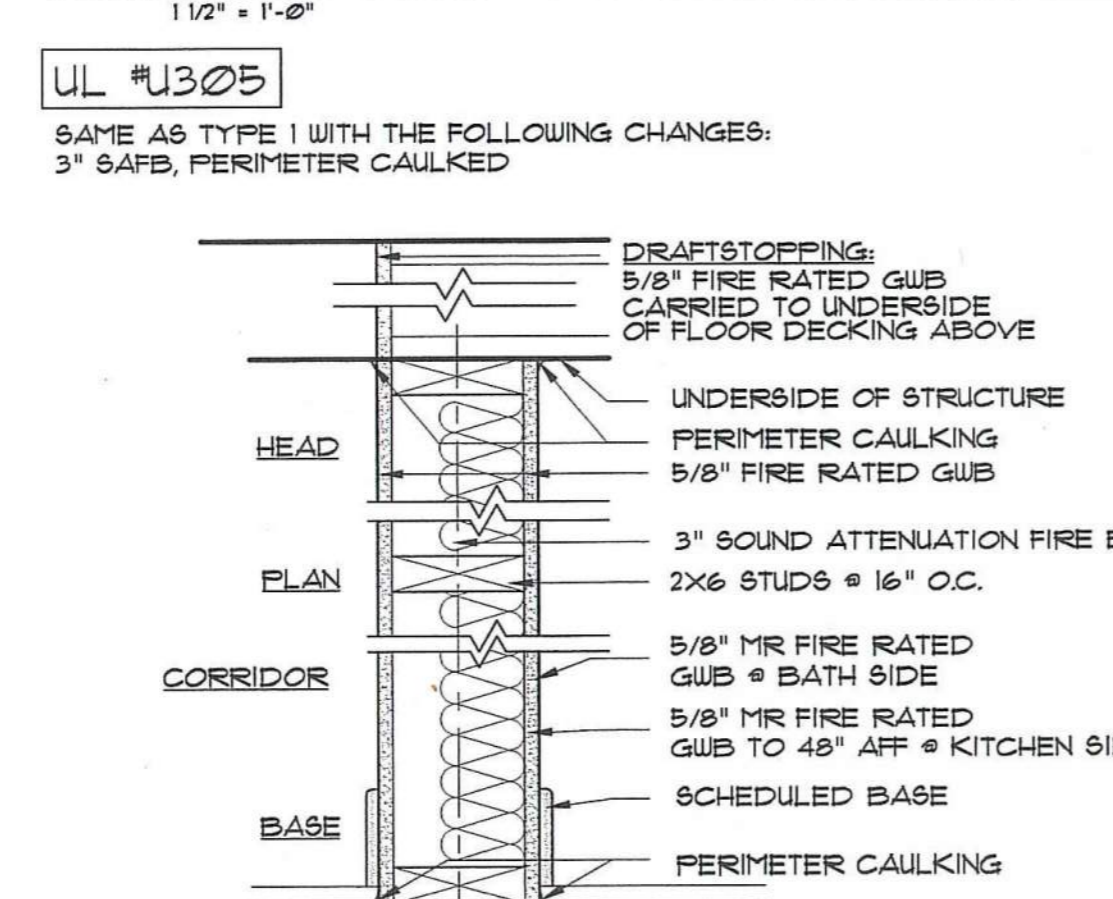
2 1 HOUR RATED PARTITION
STC RATING 46
1 1/2" x 1'-0"



21 1 HOUR RATED PARTITION @ KITCHEN
STC RATING 46
1 1/2" x 1'-0"



22 1 HOUR RATED PARTITION @ BATH
STC RATING 46
1 1/2" x 1'-0"

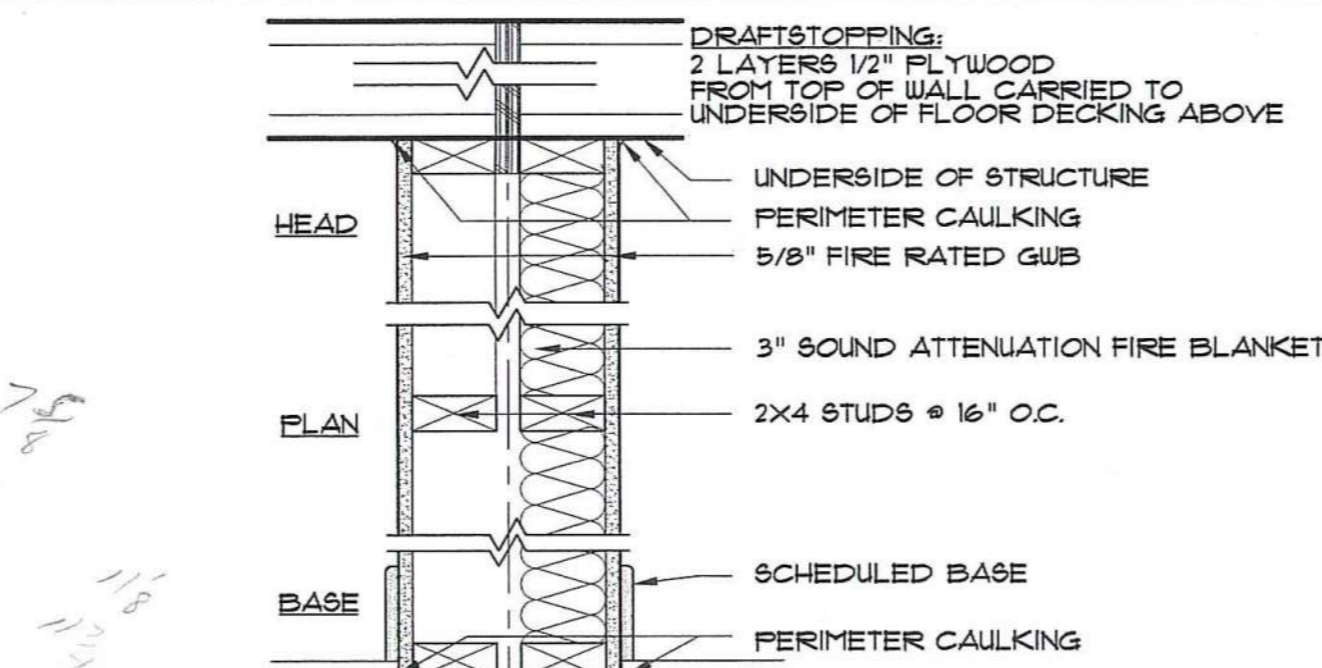


23 2X6 1 HOUR RATED PARTITION
STC RATING 46
1 1/2" x 1'-0"

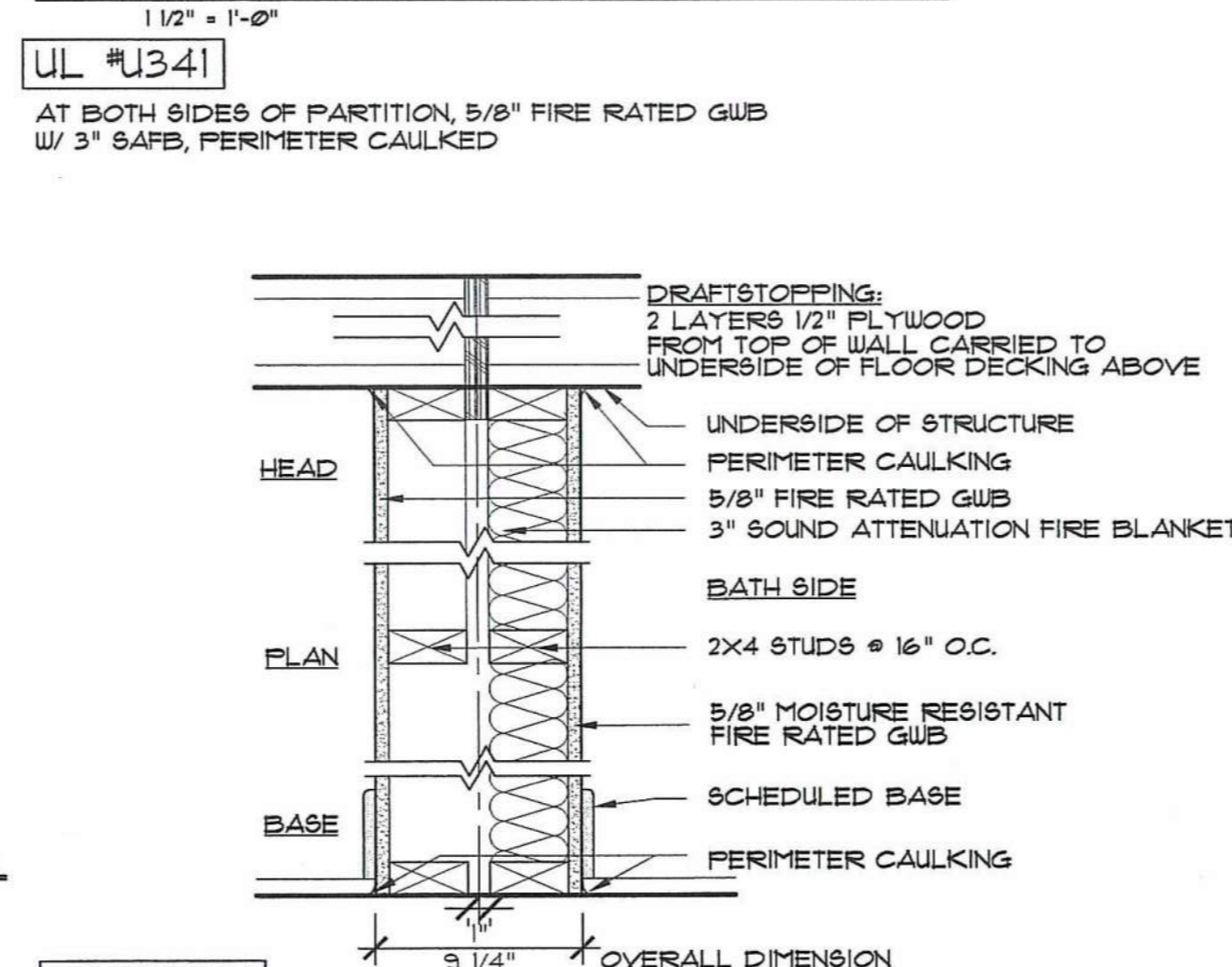
SAME AS TYPE 1 WITH THE FOLLOWING CHANGES: (UL #J305) 2X6 FRAMING, W/ 3" SAFB, PERIMETER CAULKED

24 2X6 PARTITION
1 1/2" x 1'-0"

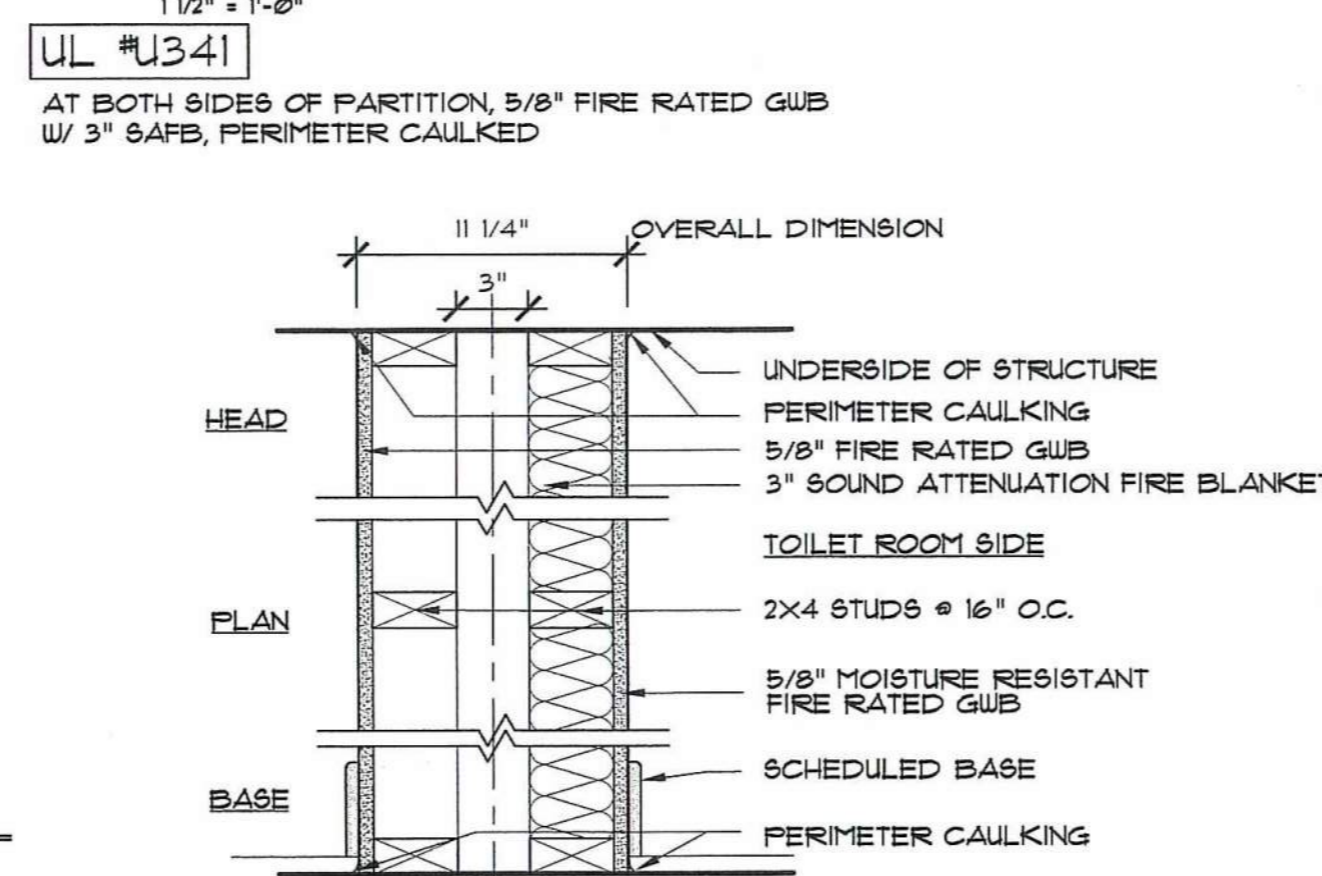
SAME AS TYPE 1 WITH THE FOLLOWING CHANGES: 2X6 FRAMING, NO SAFB OR PERIMETER CAULKING NO DRAFTSTOPPING



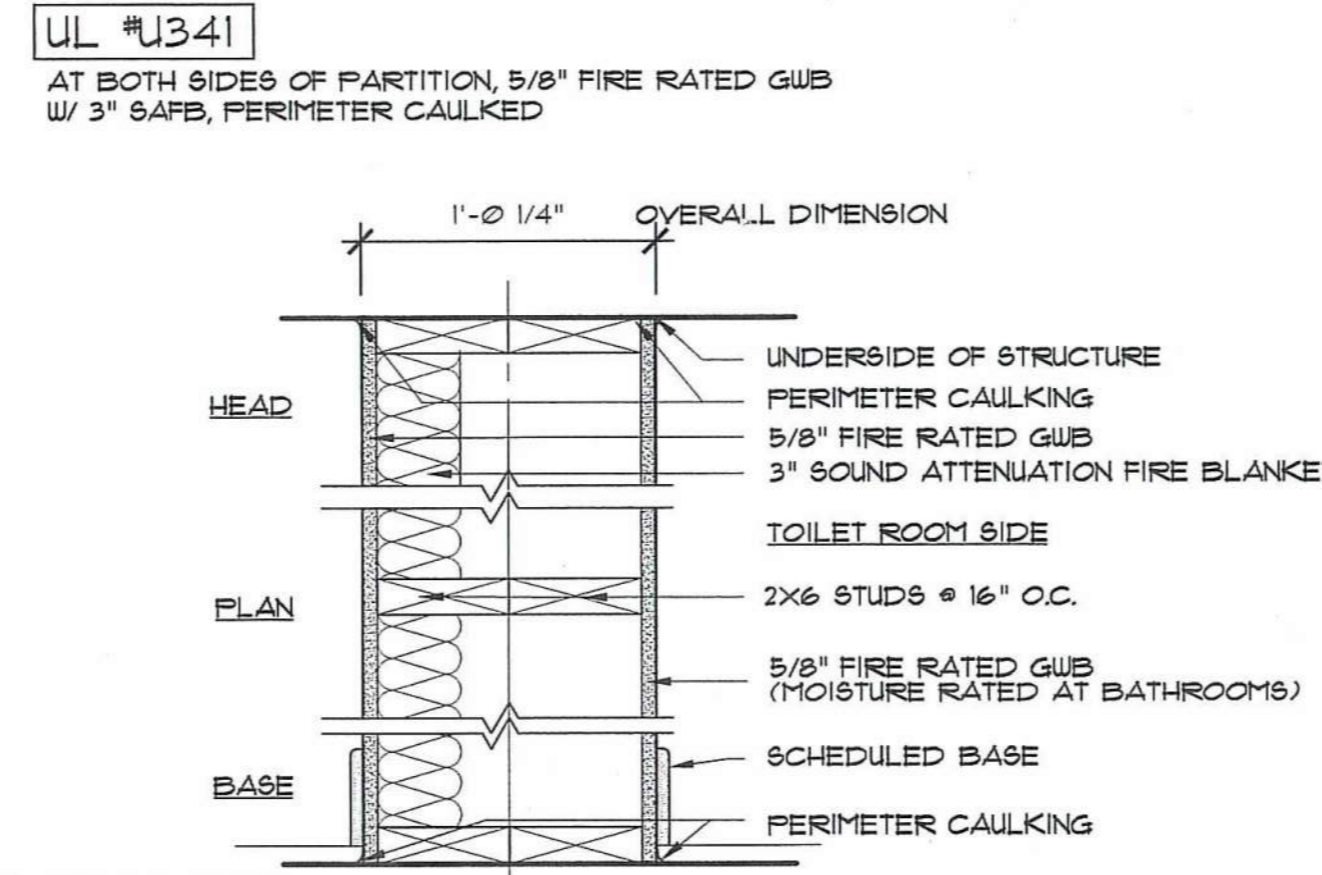
3 UNIT DEMISING DOUBLE WALL
STC RATING 54
1 1/2" x 1'-0"



31 UNIT DEMISING DOUBLE WALL @ BATH
STC RATING 54
1 1/2" x 1'-0"

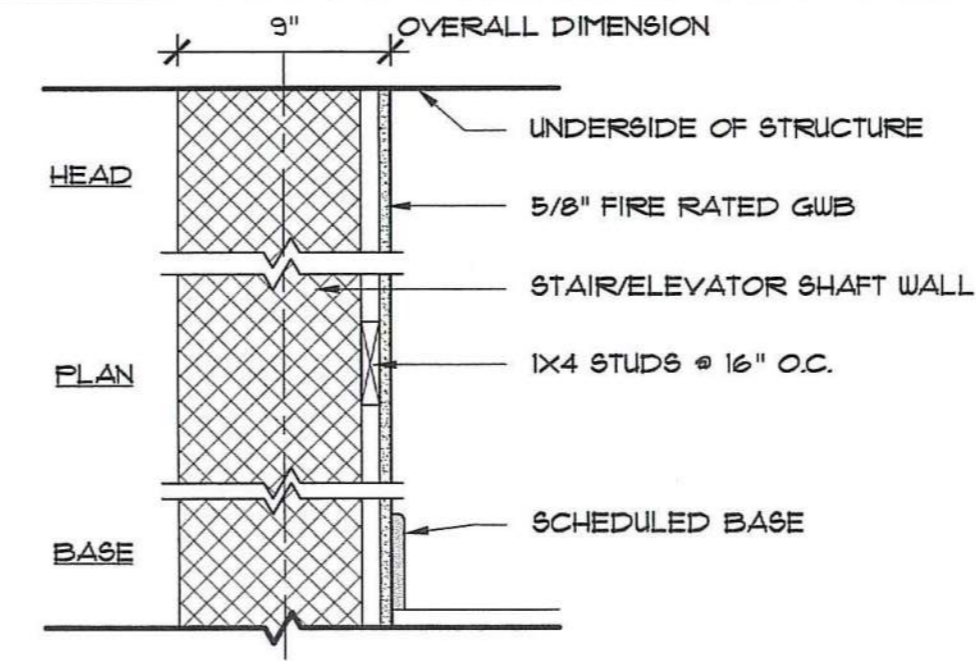


32 DOUBLE WALL @ PUBLIC TOILETS
STC RATING 54
1 1/2" x 1'-0"

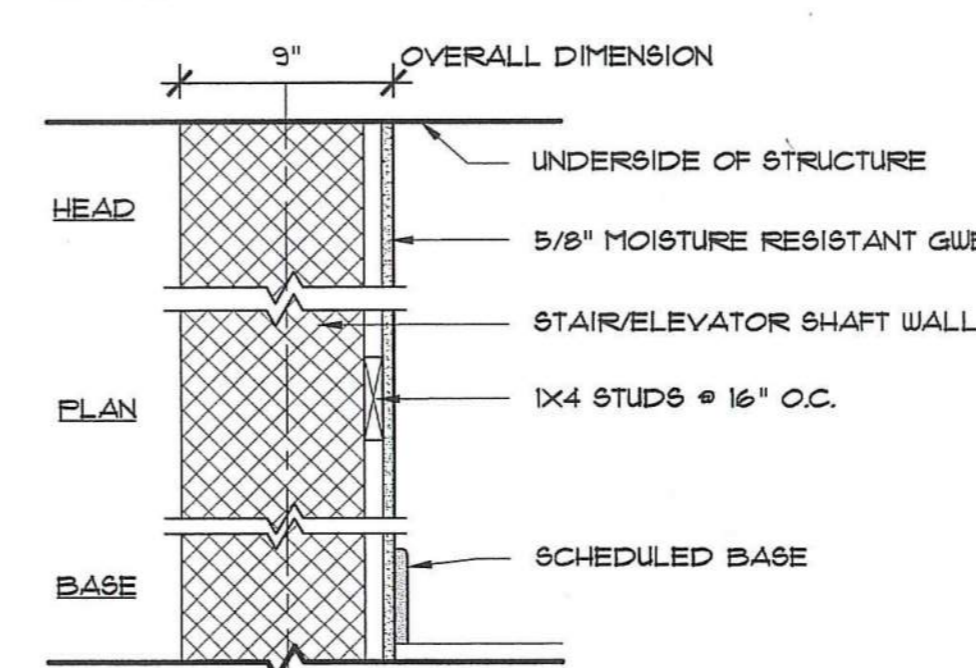


33 DOUBLE BEARING WALL
STC RATING 54
1 1/2" x 1'-0"

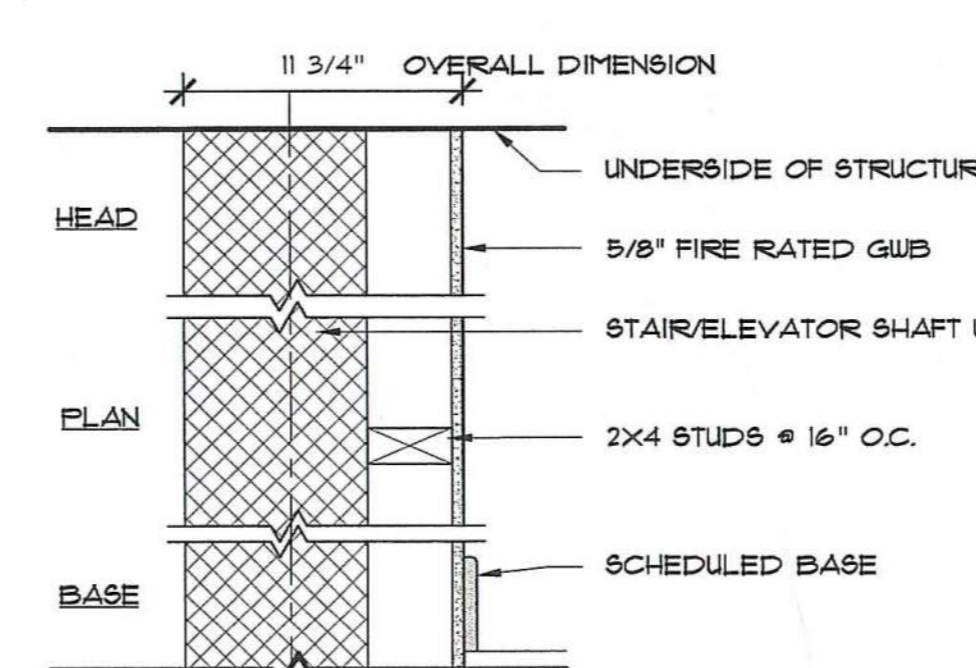
AT BOTH SIDES OF PARTITION, 5/8" FIRE RATED GUB W/ 3" SAFB, PERIMETER CAULKED



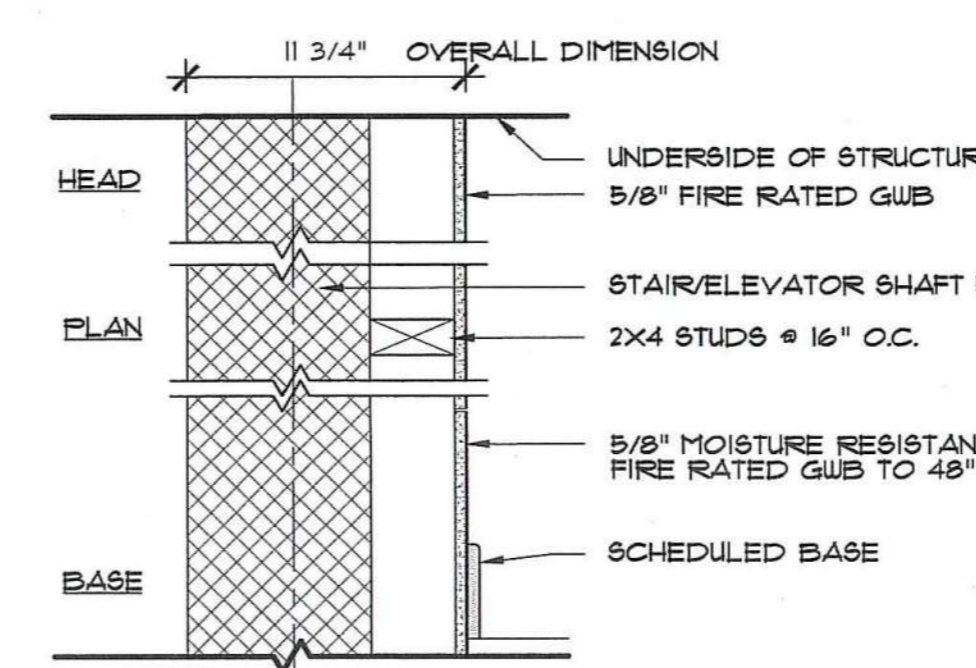
4 STUD FURRED PARTITION
1 1/2" x 1'-0"



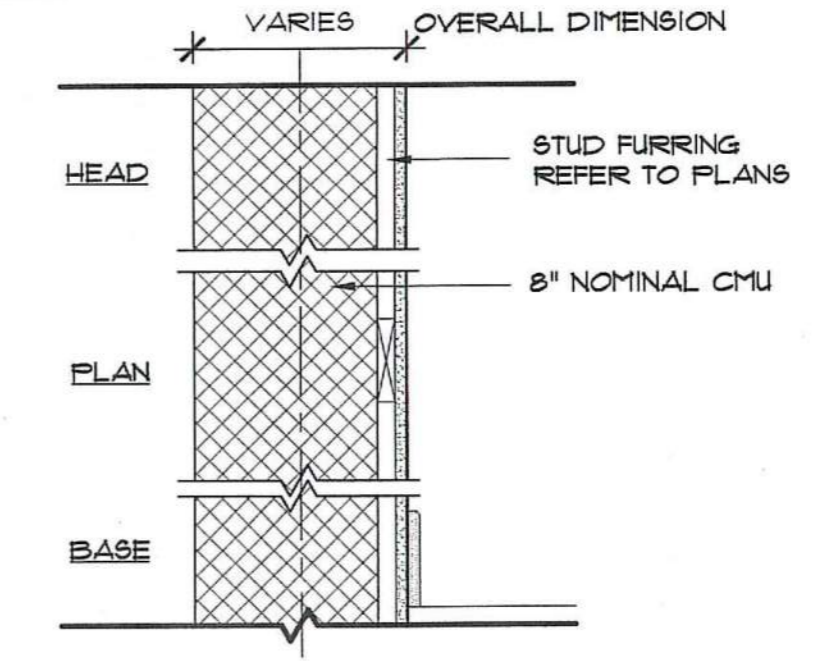
41 STUD FURRED PARTITION @ BATH
1 1/2" x 1'-0"



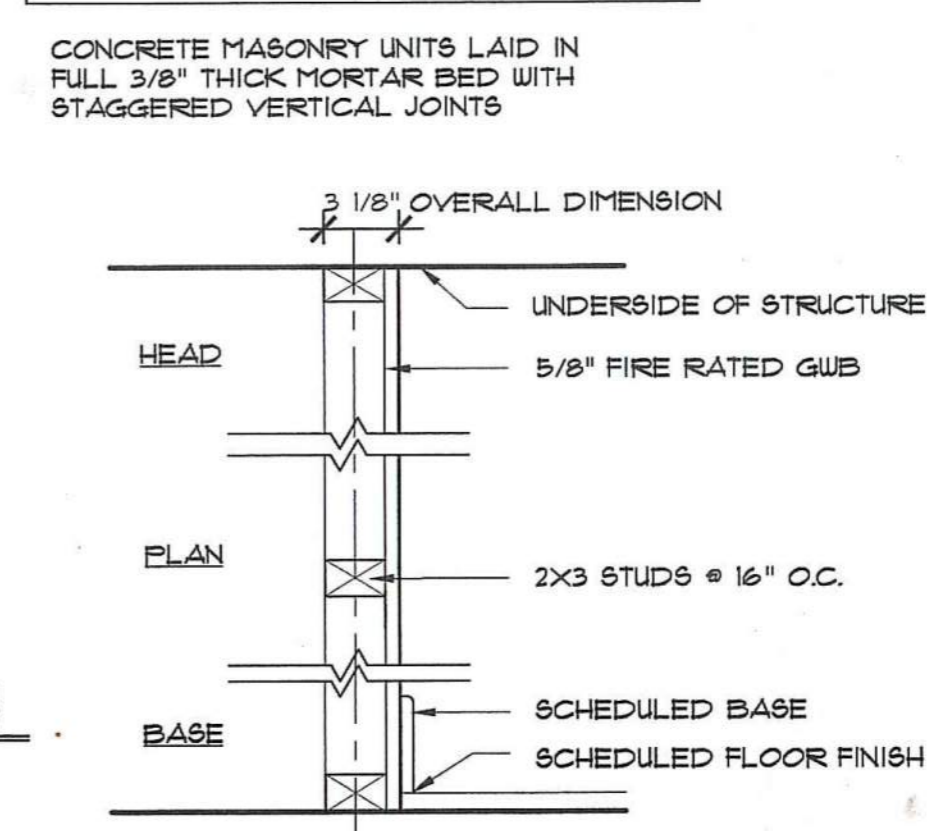
42 STUD FURRED PARTITION - FOR ELEC.
1 1/2" x 1'-0"



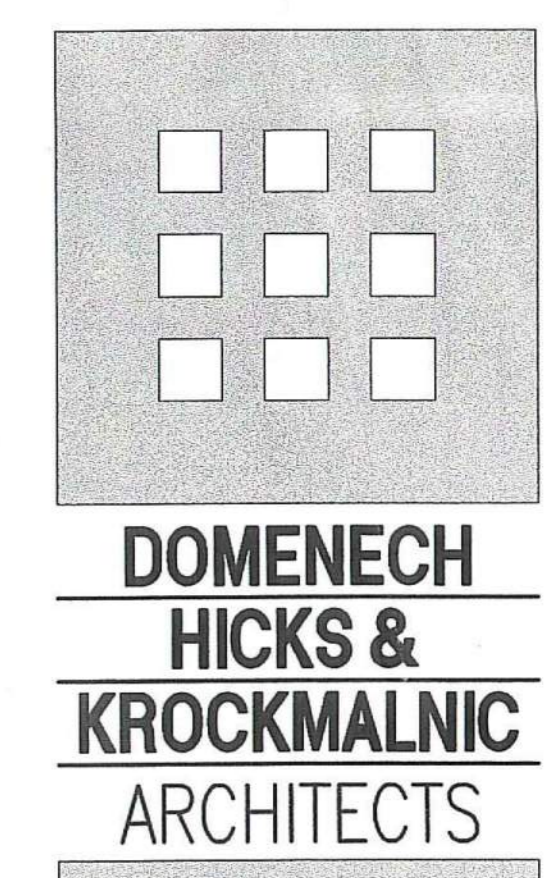
43 STUD FURRED PARTITION @ UTILITY
1 1/2" x 1'-0"



5 STAIR/ELEVATOR SHAFT WALL
UL #J905 - 1 HOUR RATED
1 1/2" x 1'-0"



6 2X3 PARTITION
1 1/2" x 1'-0"



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155 Massachusetts Ave.
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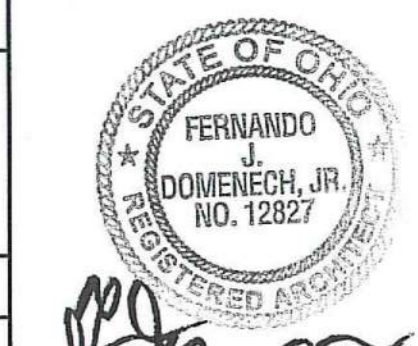
**DAYTON HOPE VI
SENIOR HOUSING**

100% CONSTRUCTION DRAWINGS

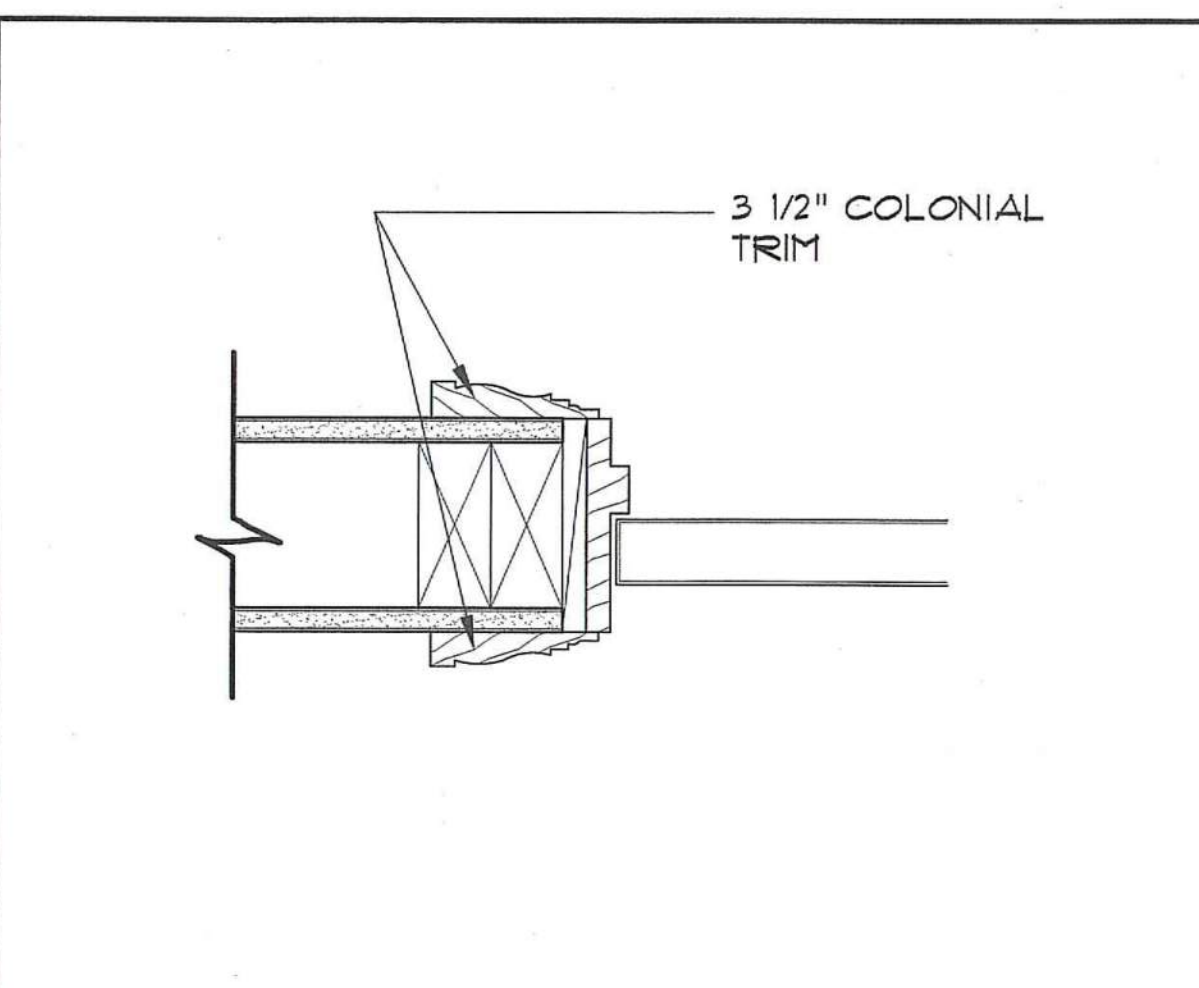
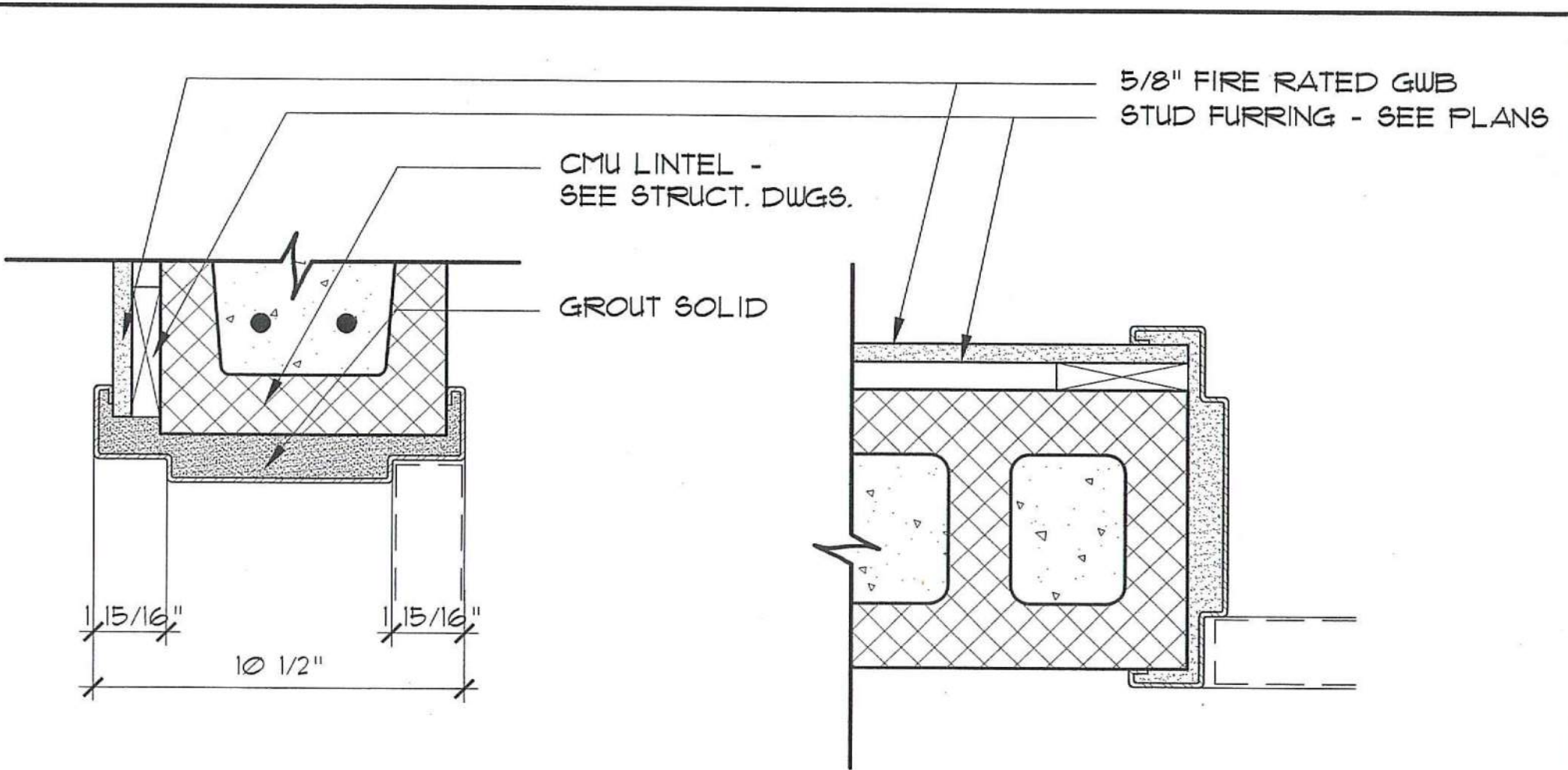
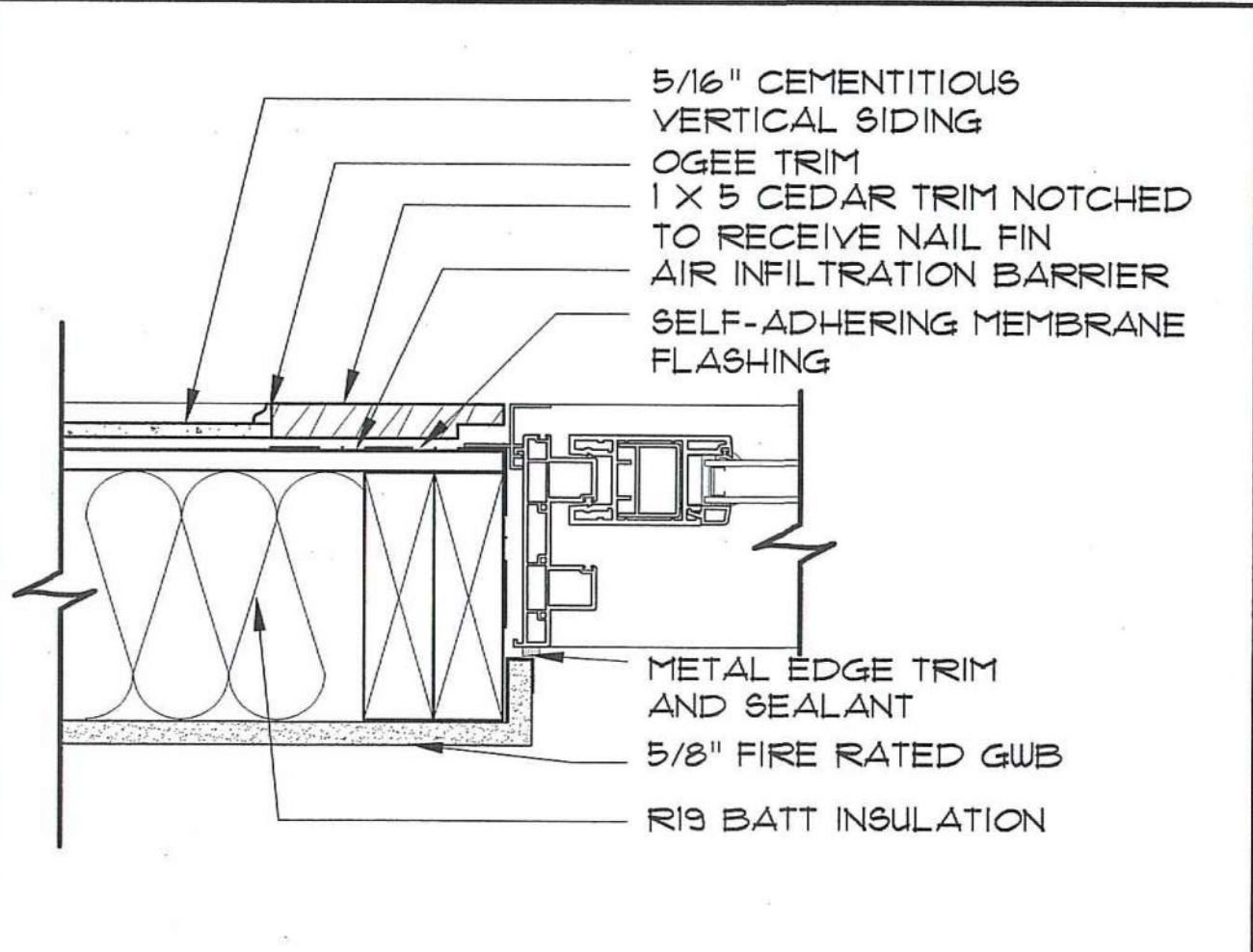
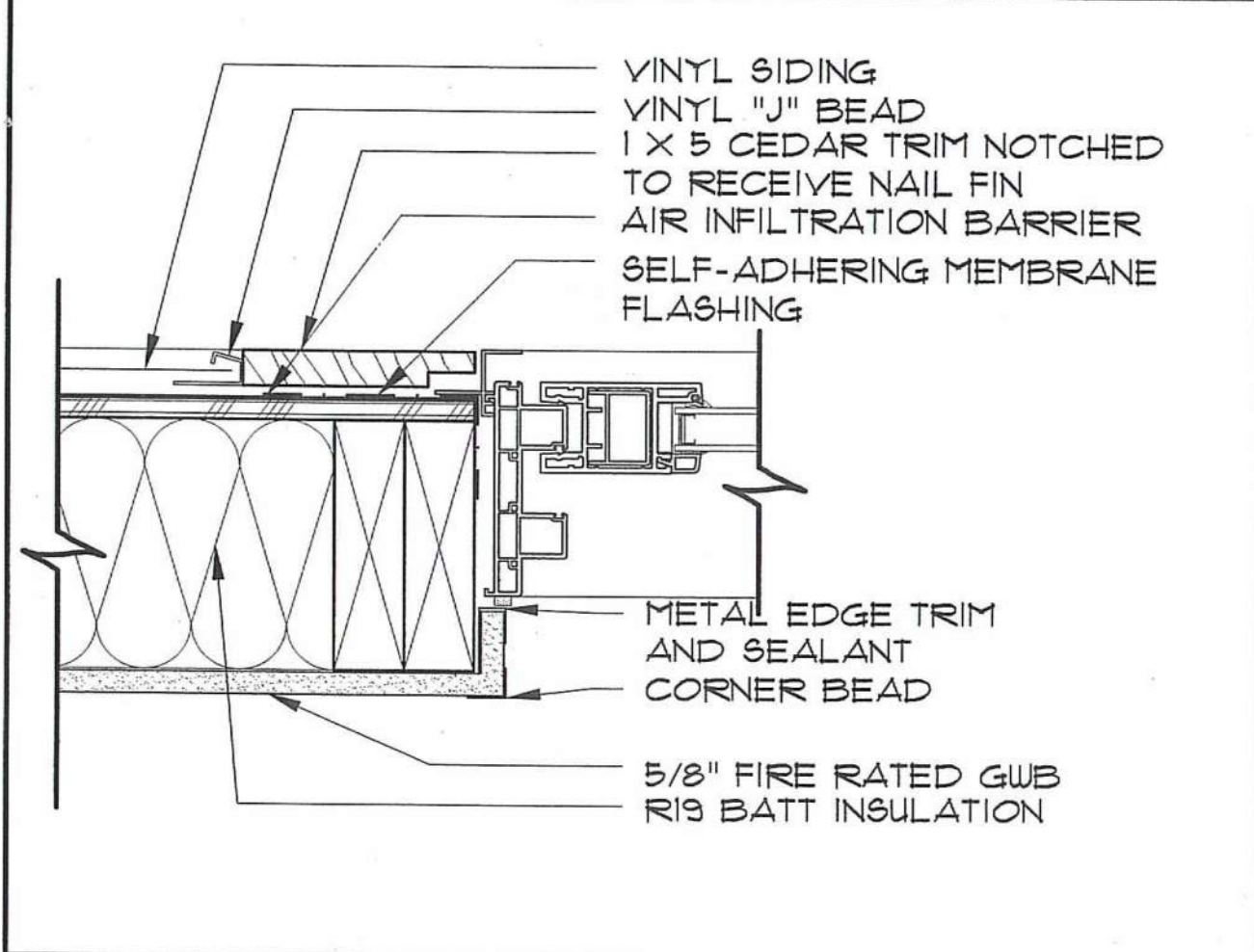
PARTITION TYPES

Scale
AS NOTED

File Name
A-6.2
Drawn By
RB
Checked By
MP
Job No.
2101.1
Date
06-24-02



A-6.2

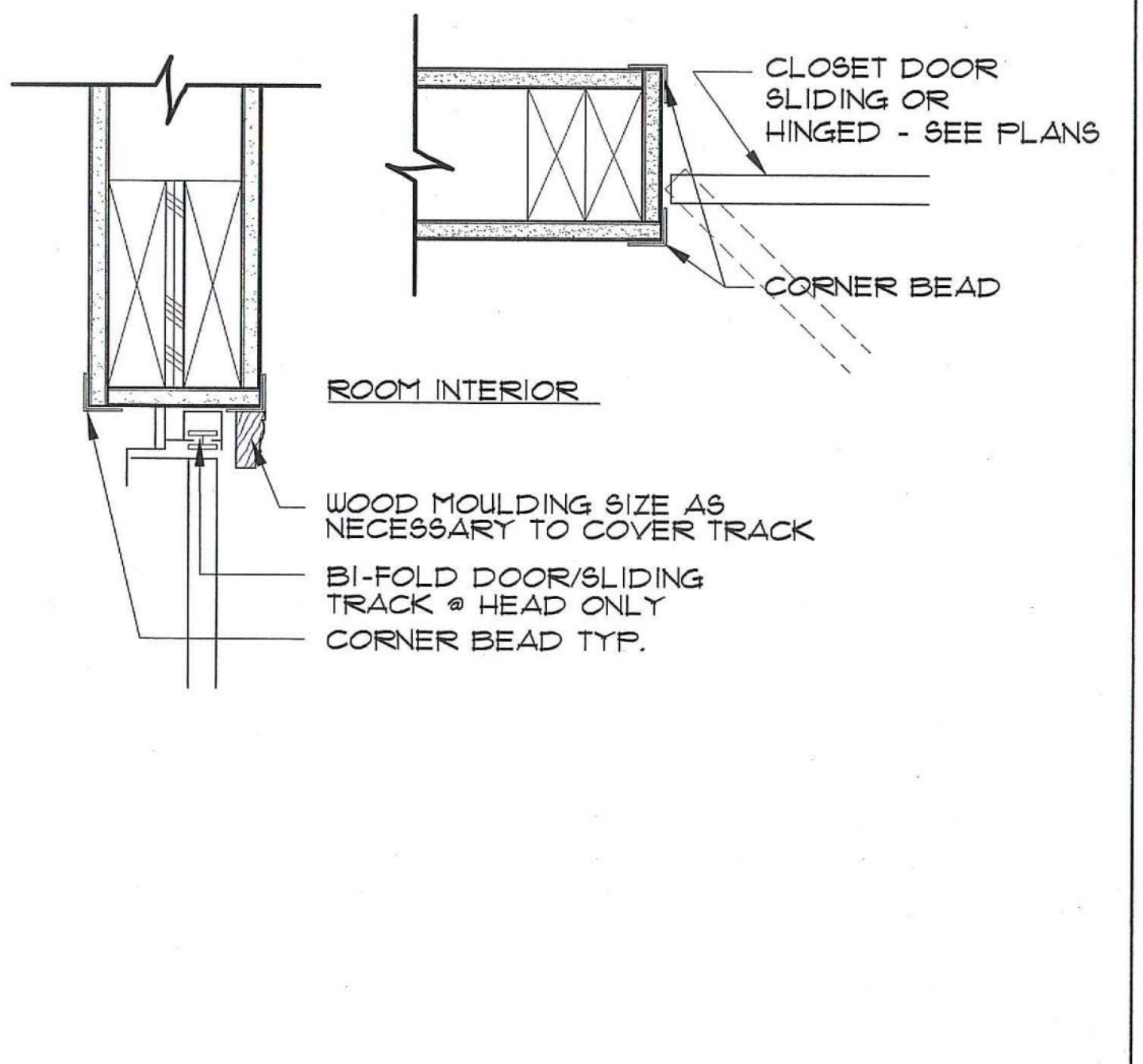
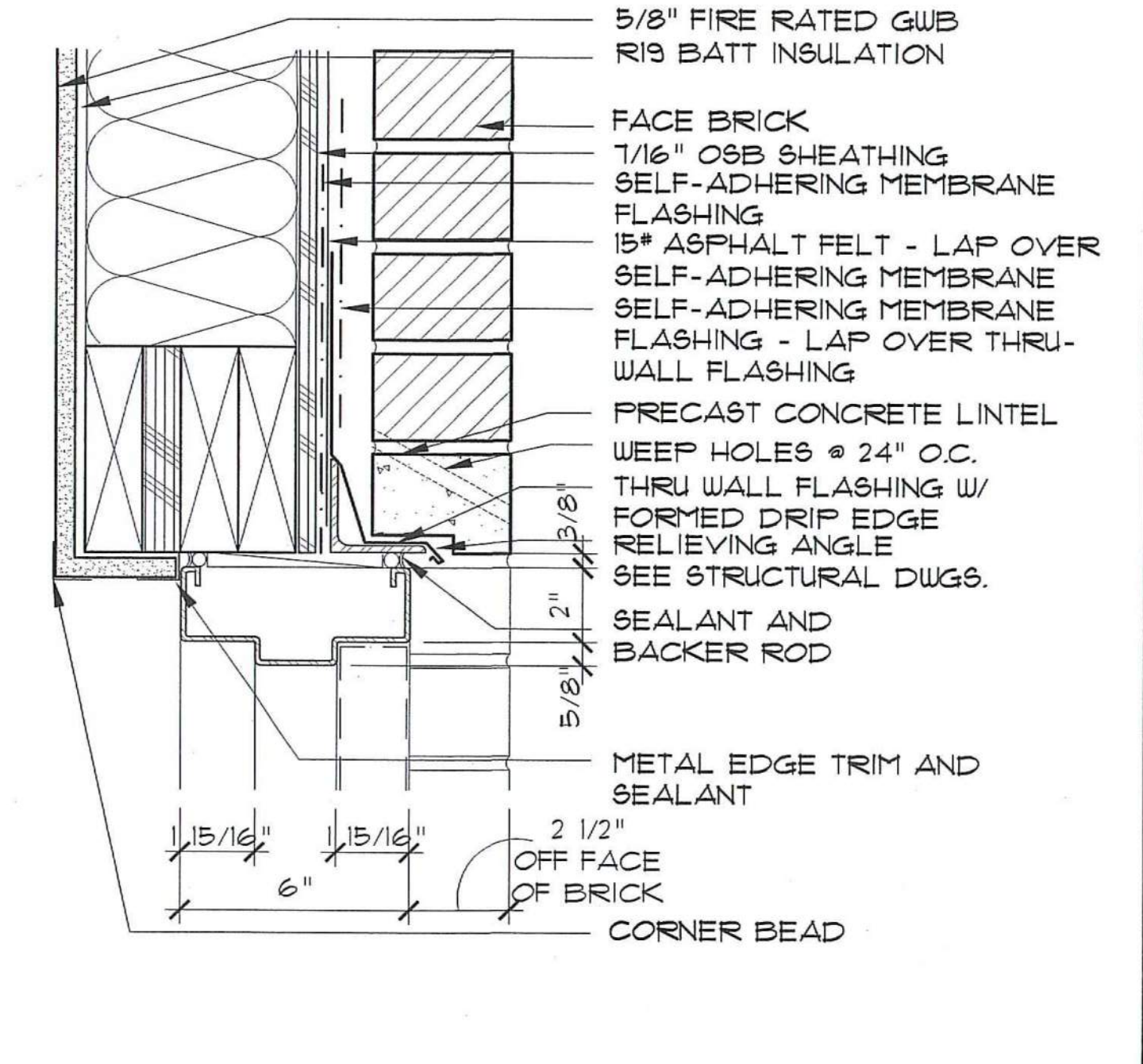
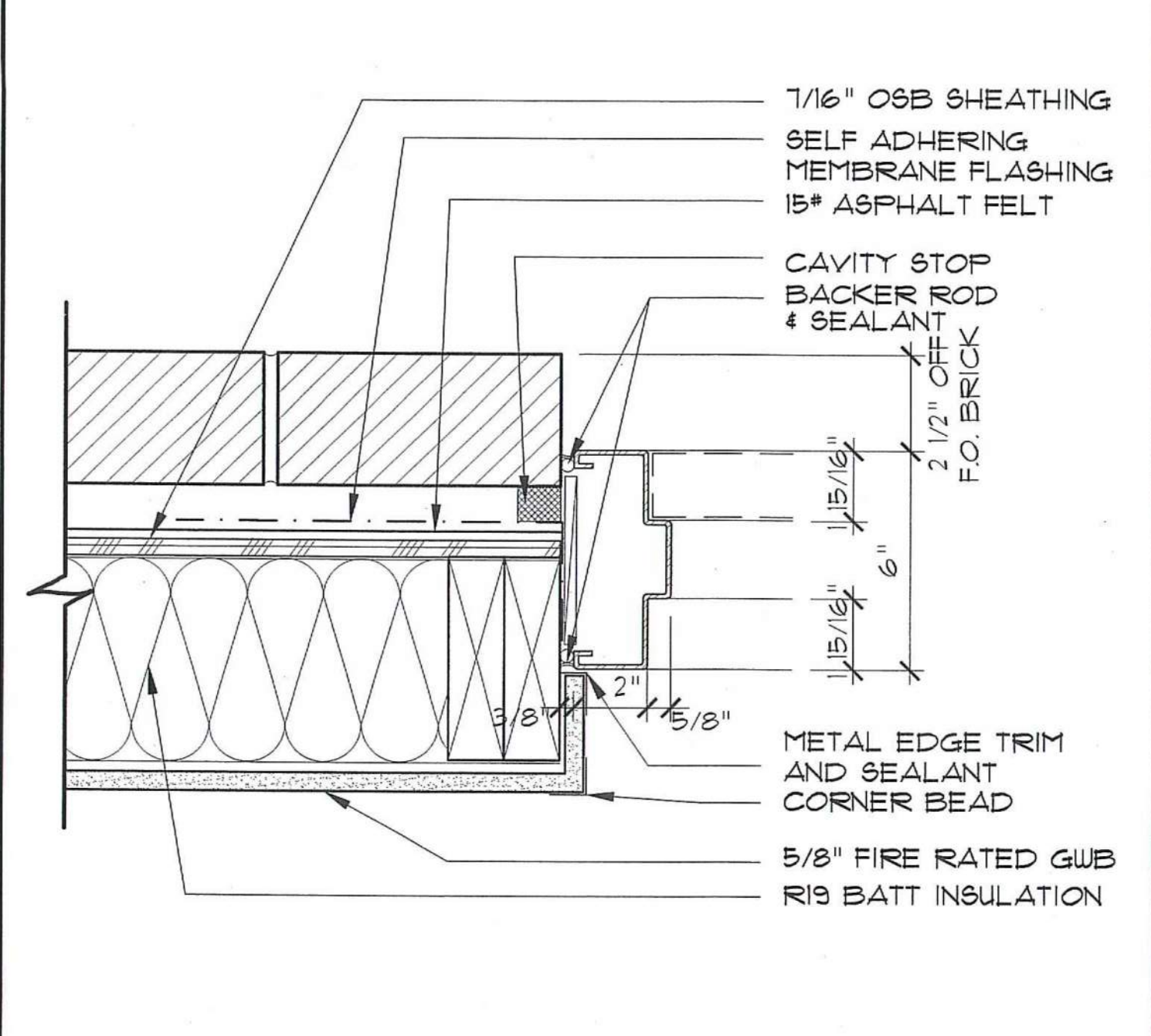


1 EXT. JAMB SLIDING DOOR @ VINYL
SCALE: 3" = 1'-0"

2 EXT. JAMB SLIDING DOOR @ PANELS
SCALE: 3" = 1'-0"

3 STAIR JAMB & HEAD TYP.
SCALE: 3" = 1'-0"

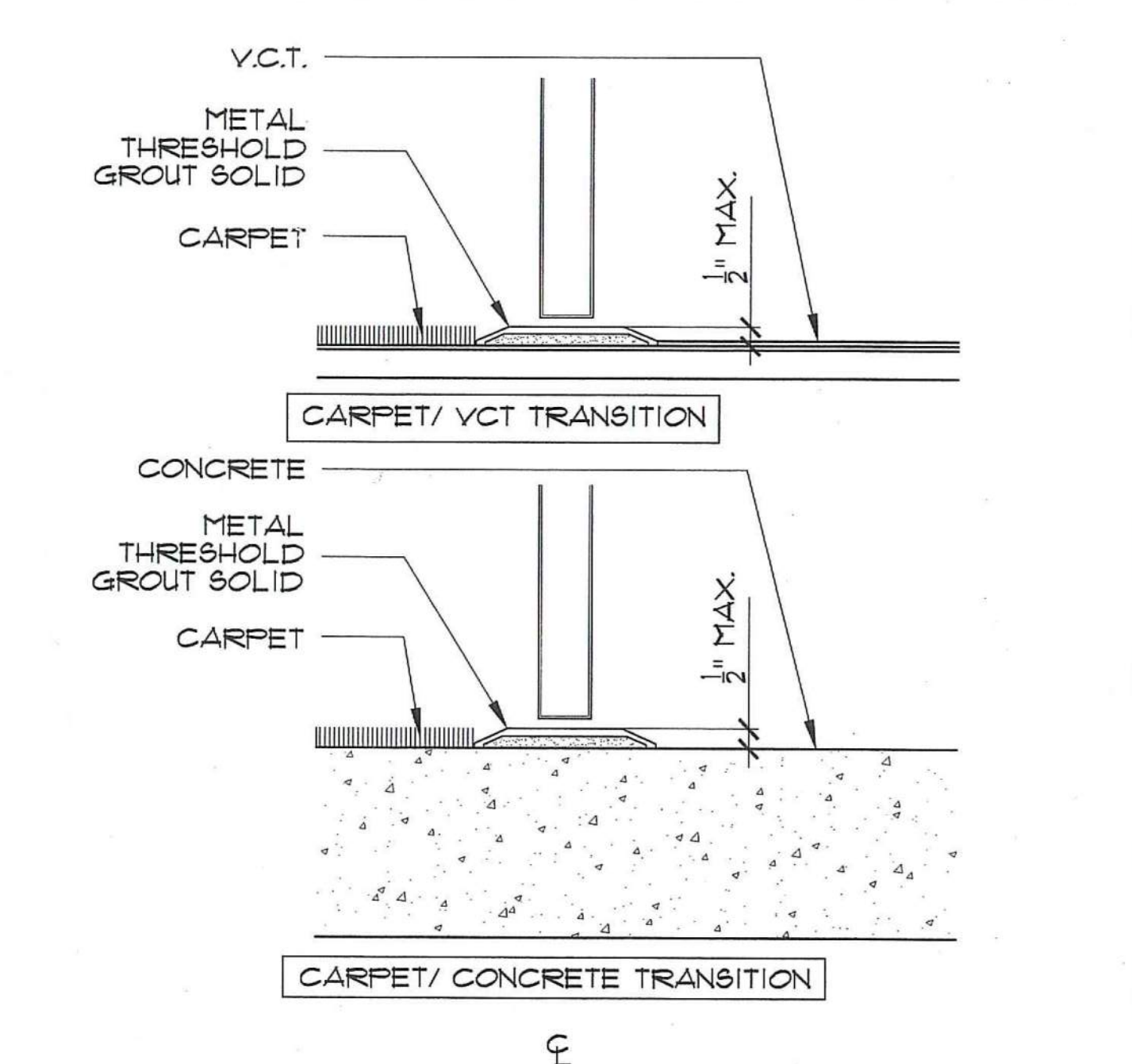
4 INTERIOR JAMB TYP.
SCALE: 3" = 1'-0"



5 H.M. JAMB @ EXTERIOR - TYP.
SCALE: 3" = 1'-0"

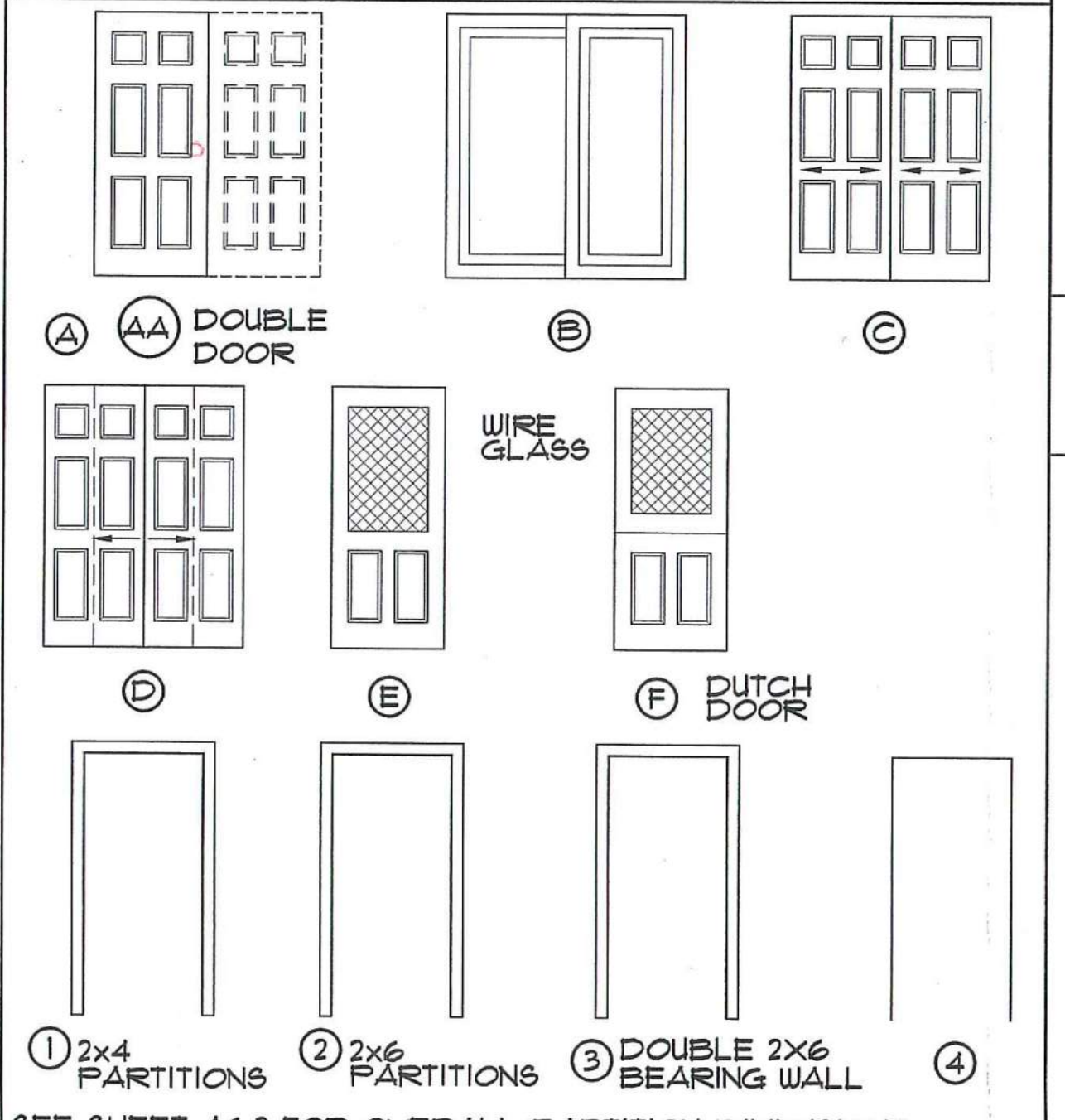
6 H.M. HEAD @ EXTERIOR - TYP.
SCALE: 3" = 1'-0"

7 CLOSET JAMB & HEAD
SCALE: 3" = 1'-0"

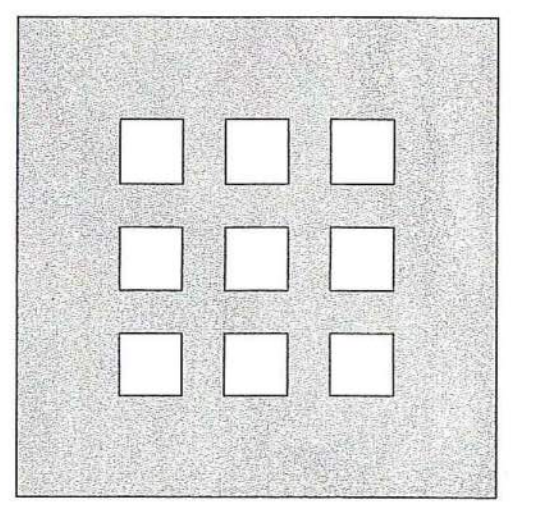


DOOR SCHEDULE

No.	DOOR		FRAME			HARDWARE SET	REMARKS
	SIZE	MATERIAL	TYPE	MATERIAL	TYPE		
01	2'-10" x 6'-8" x 1 3/4"	SOLID CORE WOOD	A	WOOD	1	4	20 MIN RATING
02	6'-0" x 6'-8" x 1 3/4"	VINYL	B	VINYL	1	1/2	-
03	5'-0" x 6'-8" x 1 3/4"	HOLLOW CORE WOOD	C	GYPSPUM WALL BOARD	4	7	-
04	4'-0" x 6'-8" x 1 3/8"	HOLLOW CORE WOOD	C	GYPSPUM WALL BOARD	4	7	-
05	5'-0" x 6'-8" x 1 3/8"	HOLLOW CORE WOOD	D	GYPSPUM WALL BOARD	4	7	-
06	2'-0" x 6'-8" x 1 3/8"	HOLLOW CORE WOOD	A	WOOD	1	4	-
07	3'-0" x 6'-8" x 1 3/8"	SOLID CORE WOOD	A	WOOD	1	4	20 MIN RATING
08	3'-0" x 6'-8" x 1 3/4"	INSULATED STEEL	A	HOLLOW METAL	1	5	-
09	(2) 3'-0" x 6'-8" x 1 3/4"	INSULATED STEEL	AA	HOLLOW METAL	1	5	-
10	6'-0" x 6'-8"	ALUMINUM ENTRY SYSTEM	-	-	-	-	SEE ENTRANCE SYSTEM F ON SHEET A-6.4 - 20 MIN RATING @ INT. VEST.
11	2'-10" x 6'-8" x 1 3/4"	SOLID CORE WOOD	E	WOOD	1	4	20 MIN RATING
12	(2) 3'-0" x 6'-8" x 1 3/4"	SOLID CORE WOOD	F	WOOD	3	4	-
13	6'-0" x 6'-8"	ALUMINUM ENTRY SYSTEM	-	-	-	-	SEE ENTRANCE SYSTEM G ON SHEET A-6.4
14	(2) 3'-0" x 6'-8" x 1 3/4"	SOLID CORE WOOD	F	WOOD	3	4	-
15	1'-3" x 6'-8" x 1 3/8"	HOLLOW CORE WOOD	A	WOOD	1	4	-
16	2'-10" x 6'-8" x 1 3/8"	SOLID CORE WOOD	G	WOOD	1	4	20 MIN RATING
17	2'-10" x 6'-8" x 1 3/4"	SOLID CORE WOOD	A	WOOD	2	4	20 MIN RATING
18	2'-10" x 6'-8" x 1 3/4"	SOLID CORE WOOD	A	WOOD	3	4	20 MIN RATING
19	3'-0" x 6'-8" x 1 3/4"	SOLID CORE WOOD	A	HOLLOW METAL	3	3	1 HOUR RATING
20	2'-10" x 6'-8" x 1 3/8"	SOLID CORE WOOD	A	WOOD	1	4	-
21	6'-0" x 6'-8"	ALUMINUM ENTRY SYSTEM	-	-	-	-	SEE ENTRANCE SYSTEM I ON SHEET A6.4 - 20 MIN RATING



THRESHOLD DETAILS
SCALE: 3" = 1'-0"



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ARCHITECTS**

155 Massachusetts Ave.
Boston, MA 02115
617-267-6408
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**DAYTON HOPE VI
SENIOR HOUSING**

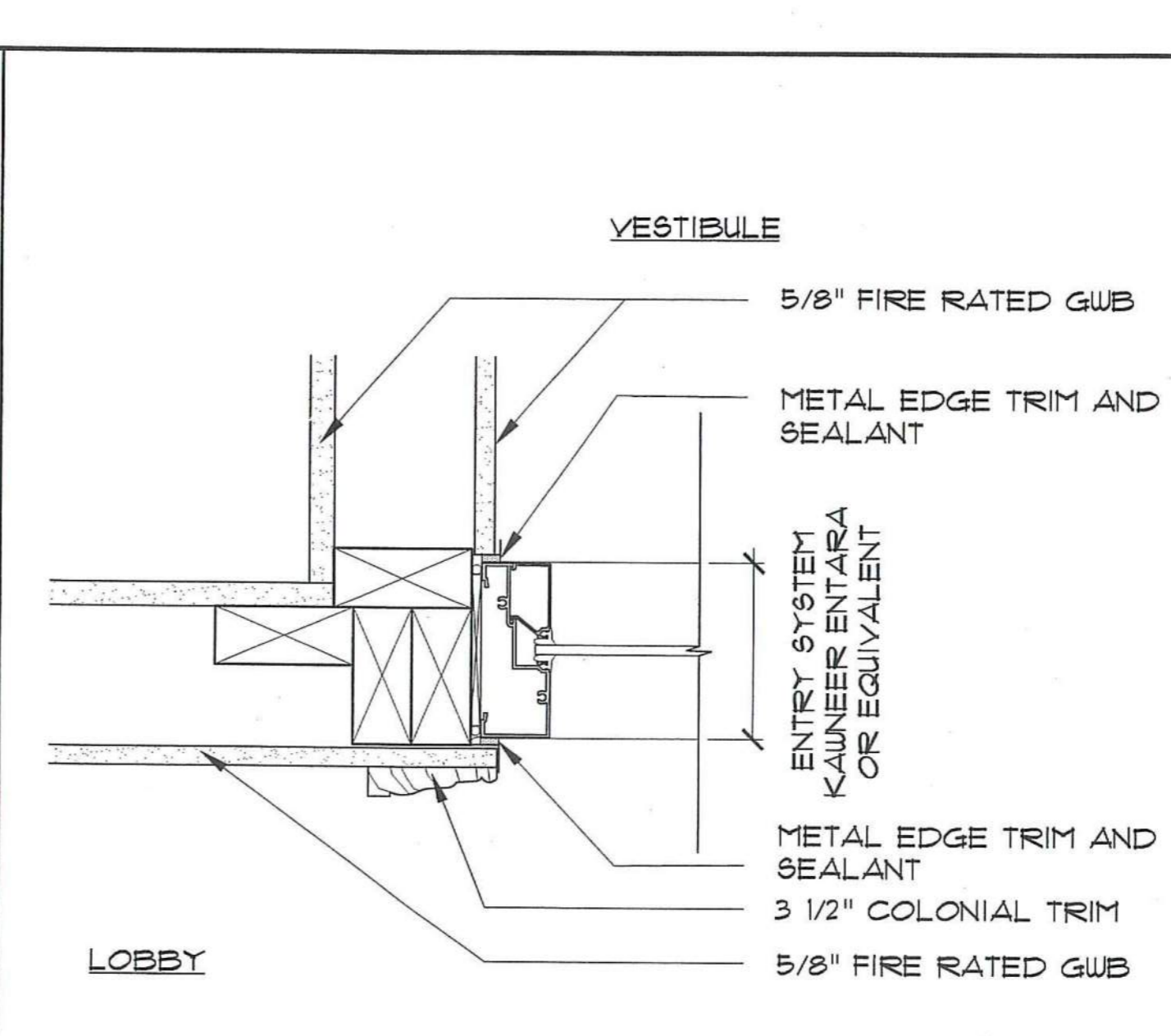
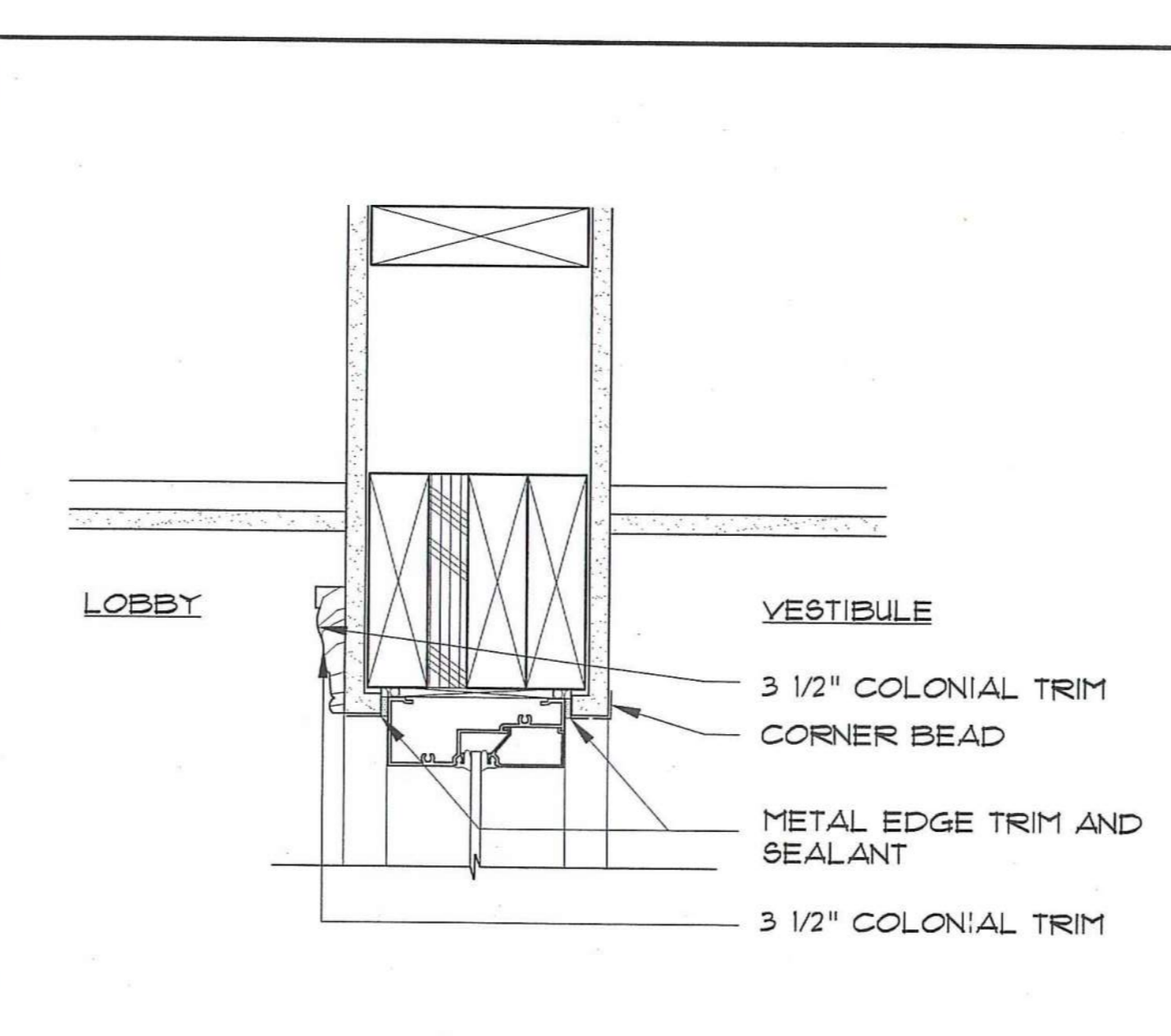
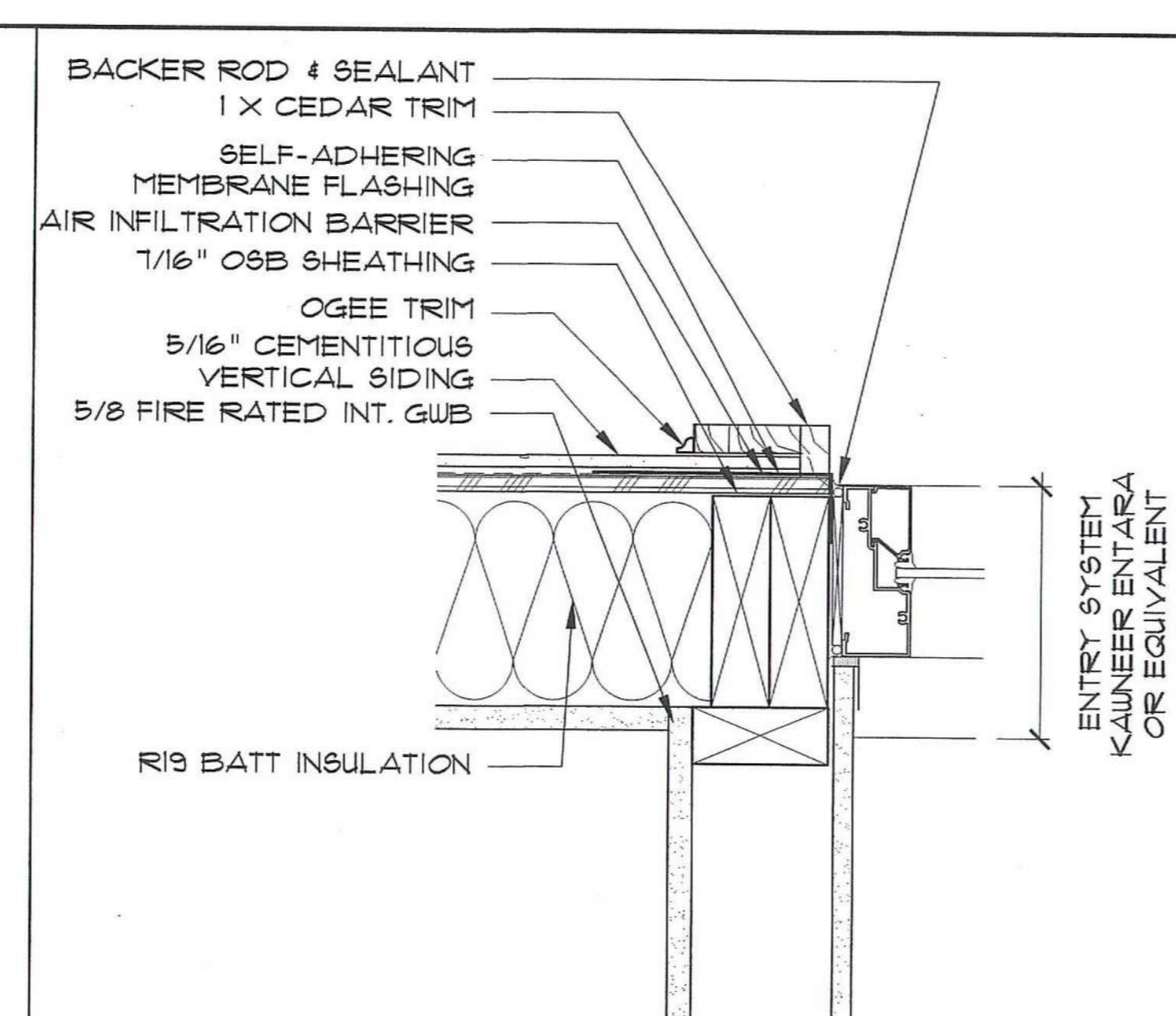
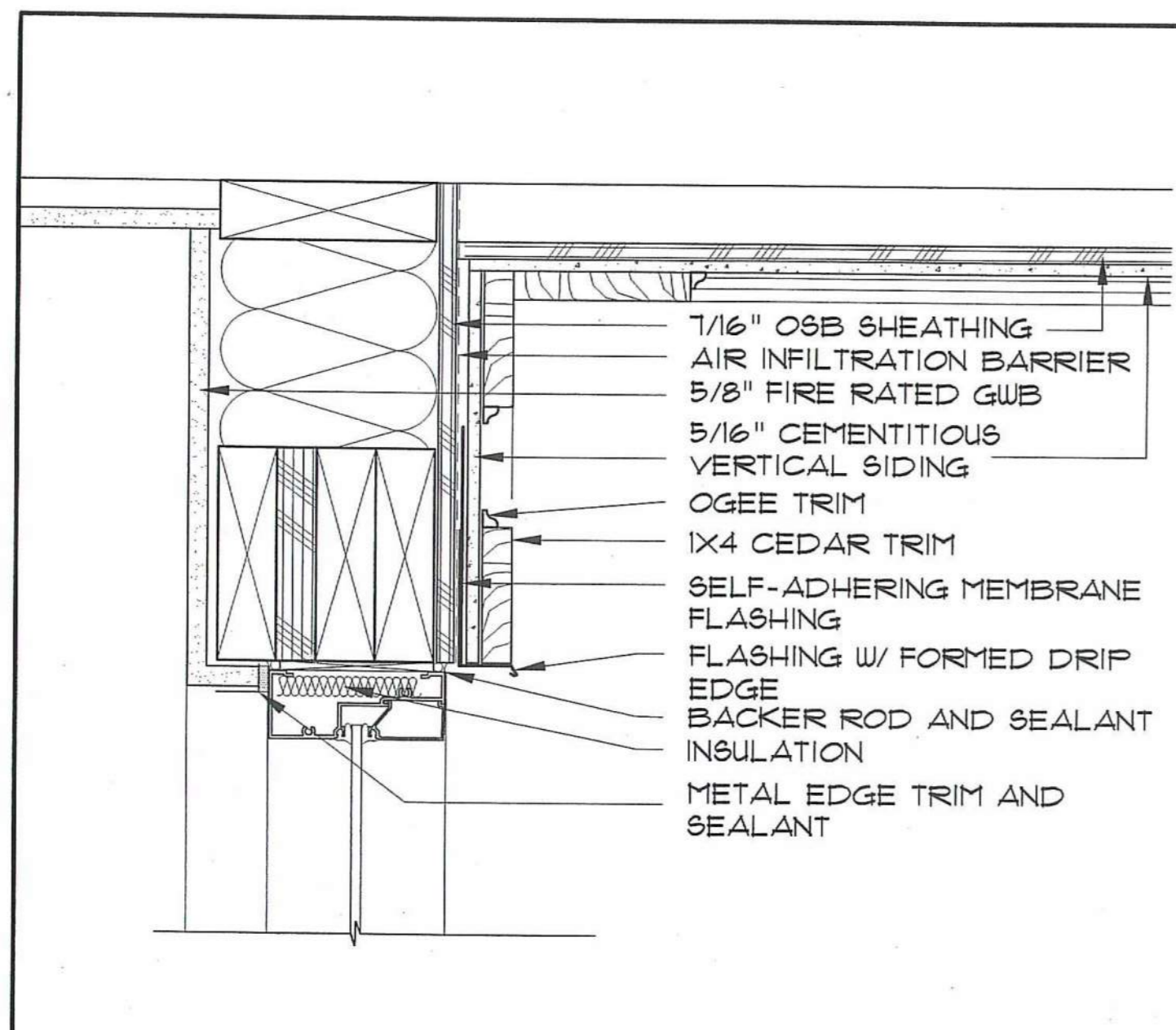
100% CONSTRUCTION DRAWINGS

**DOOR SCHEDULE
AND DETAILS**

Scale: AS NOTED

File Name: A-6.3

Drawn By: [Signature]

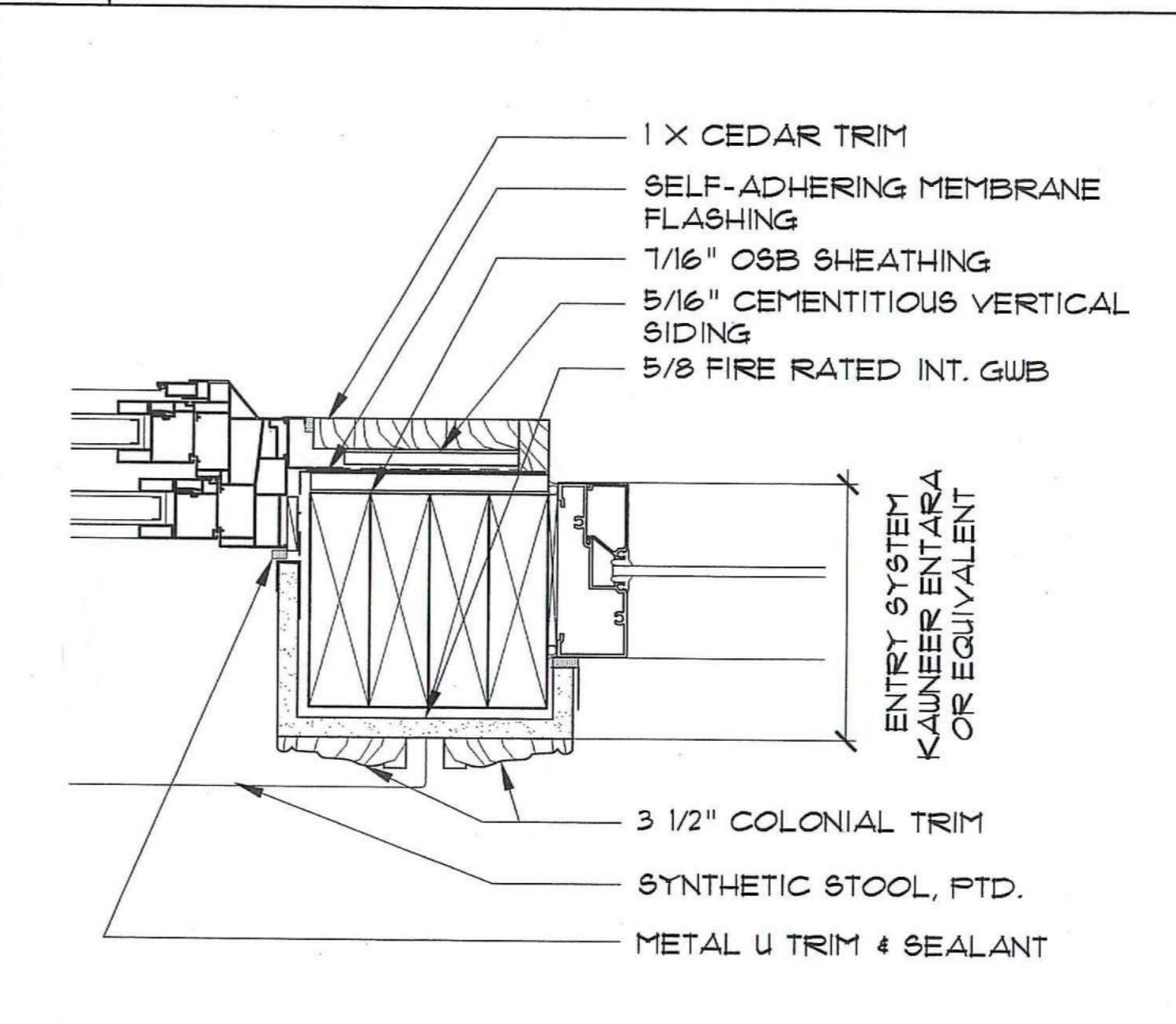
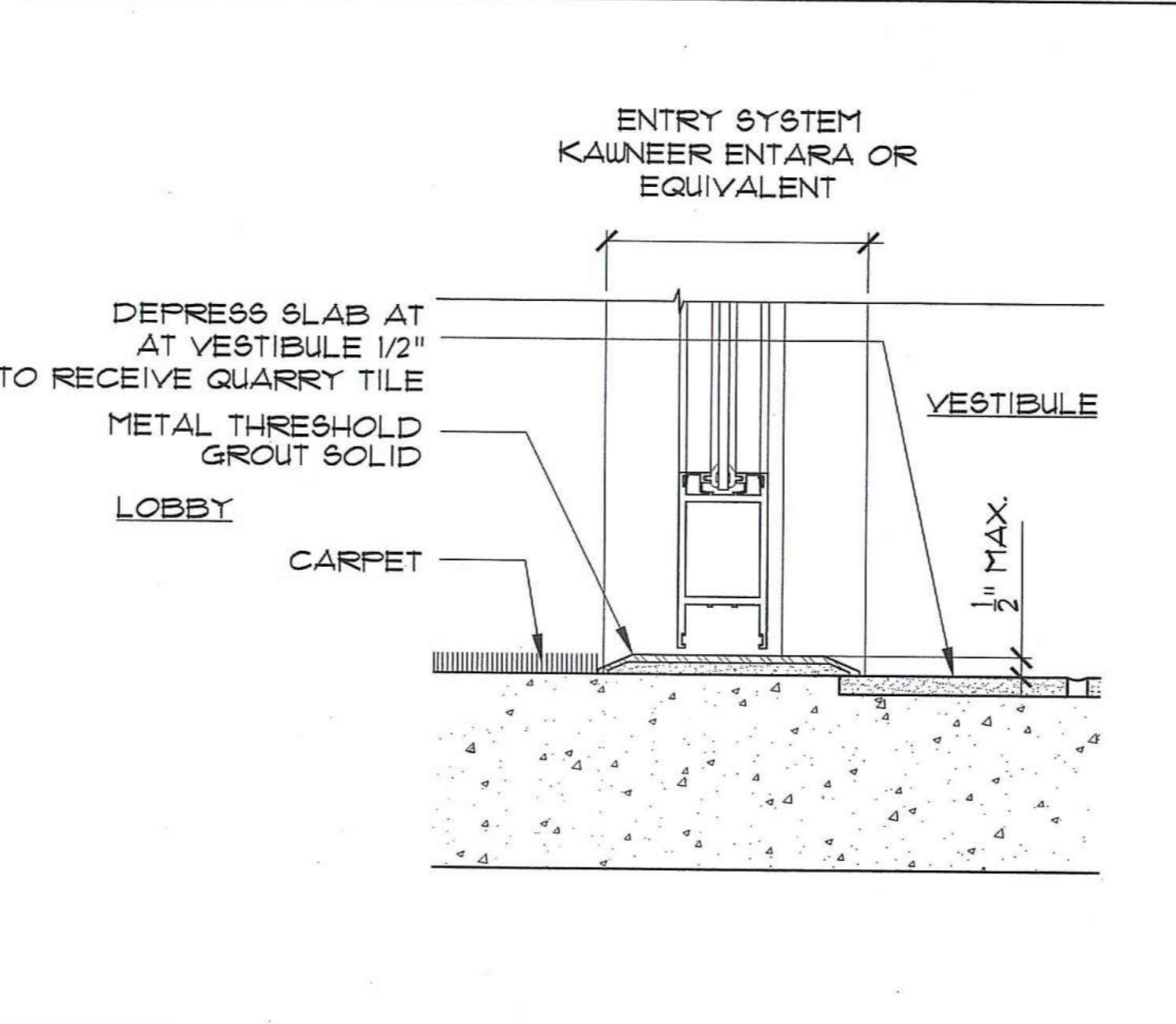
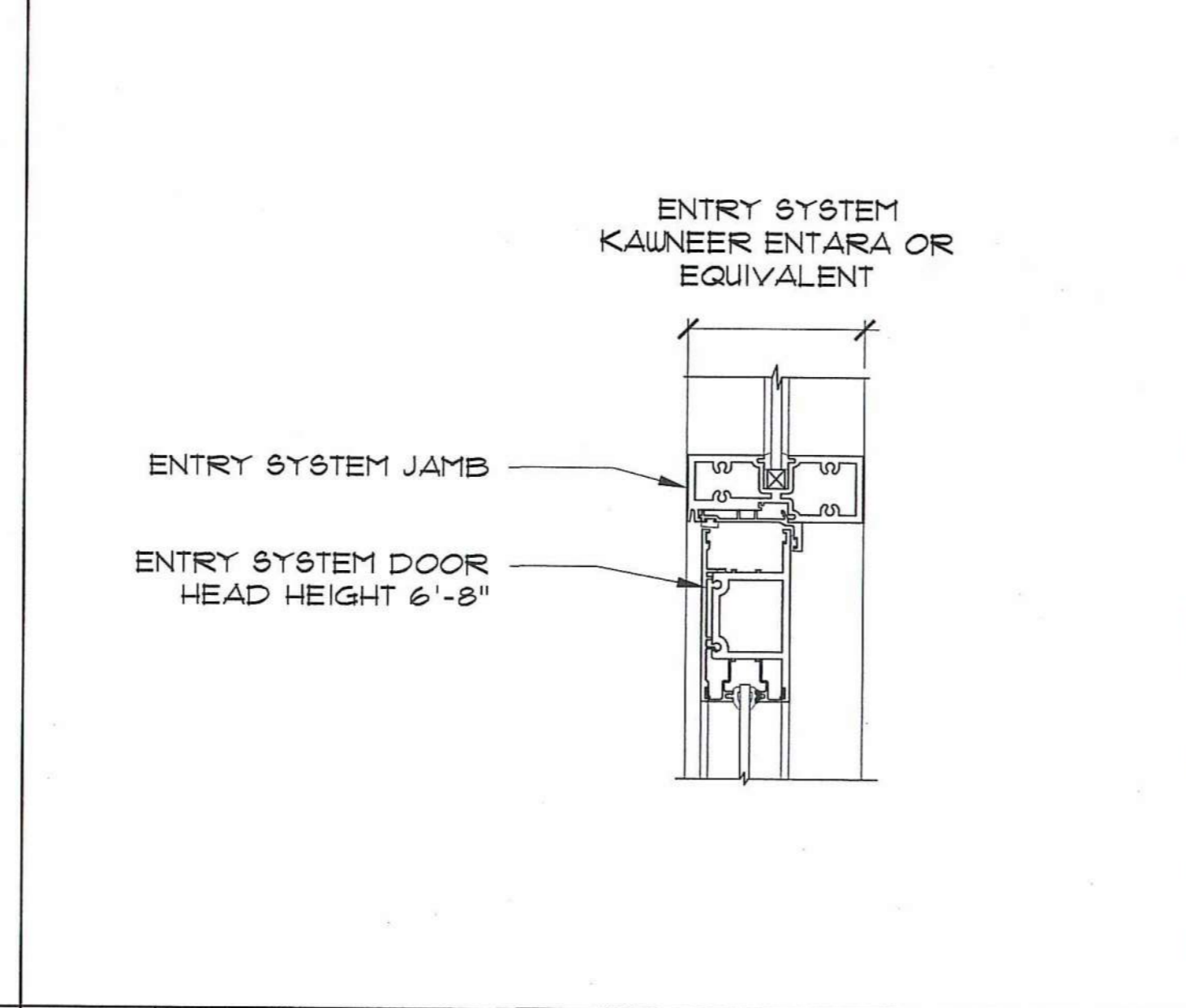
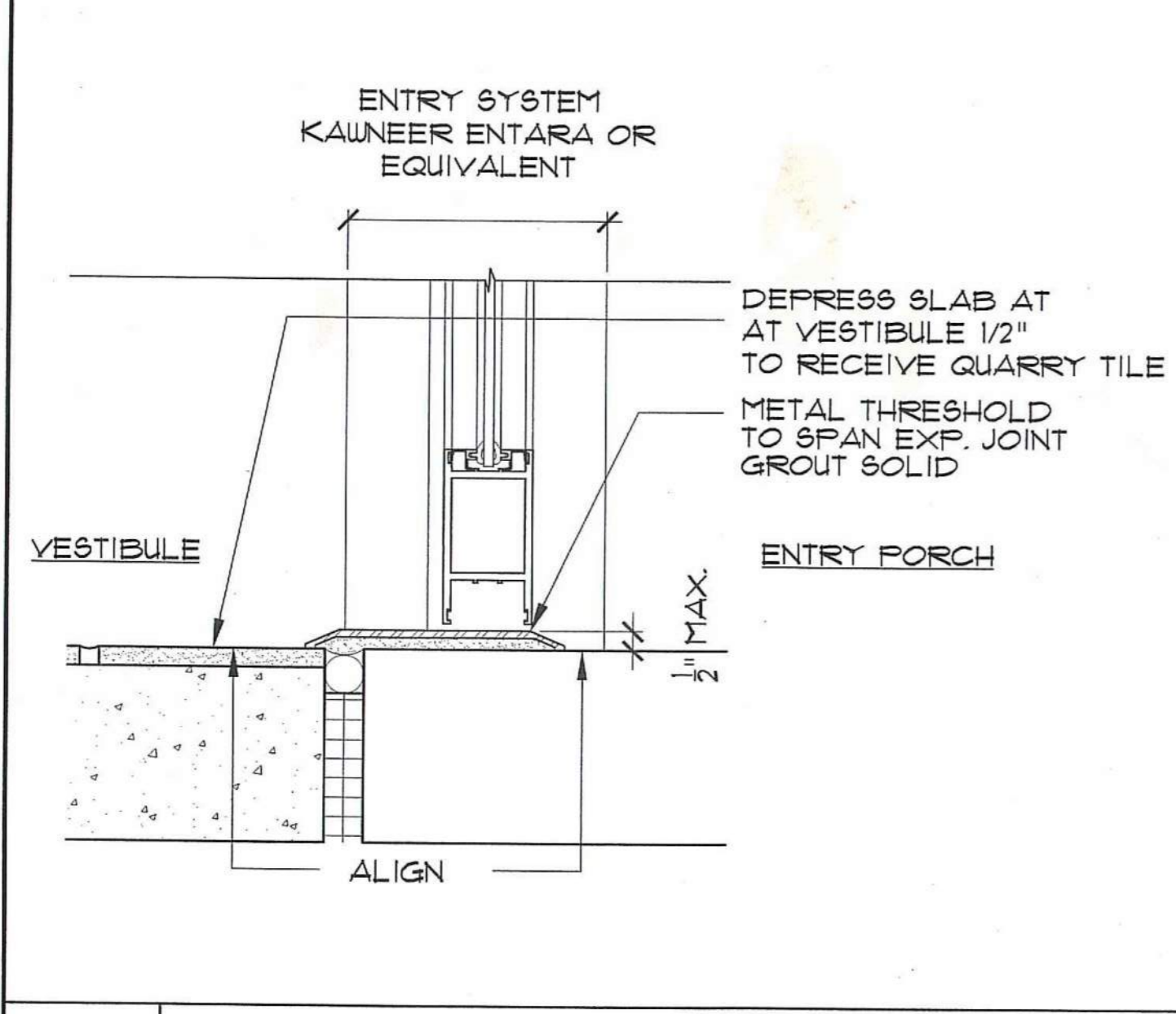


1 ENTRANCE SYSTEM HEAD
SCALE: 3" = 1'-0"

2 ENTRANCE SYSTEM JAMB
SCALE: 3" = 1'-0"

3 ENTRANCE SYSTEM HEAD - INT.
SCALE: 3" = 1'-0"

4 ENTRANCE SYSTEM JAMB - INT.
SCALE: 3" = 1'-0"



5 ENTRANCE SYSTEM SILL
SCALE: 3" = 1'-0"

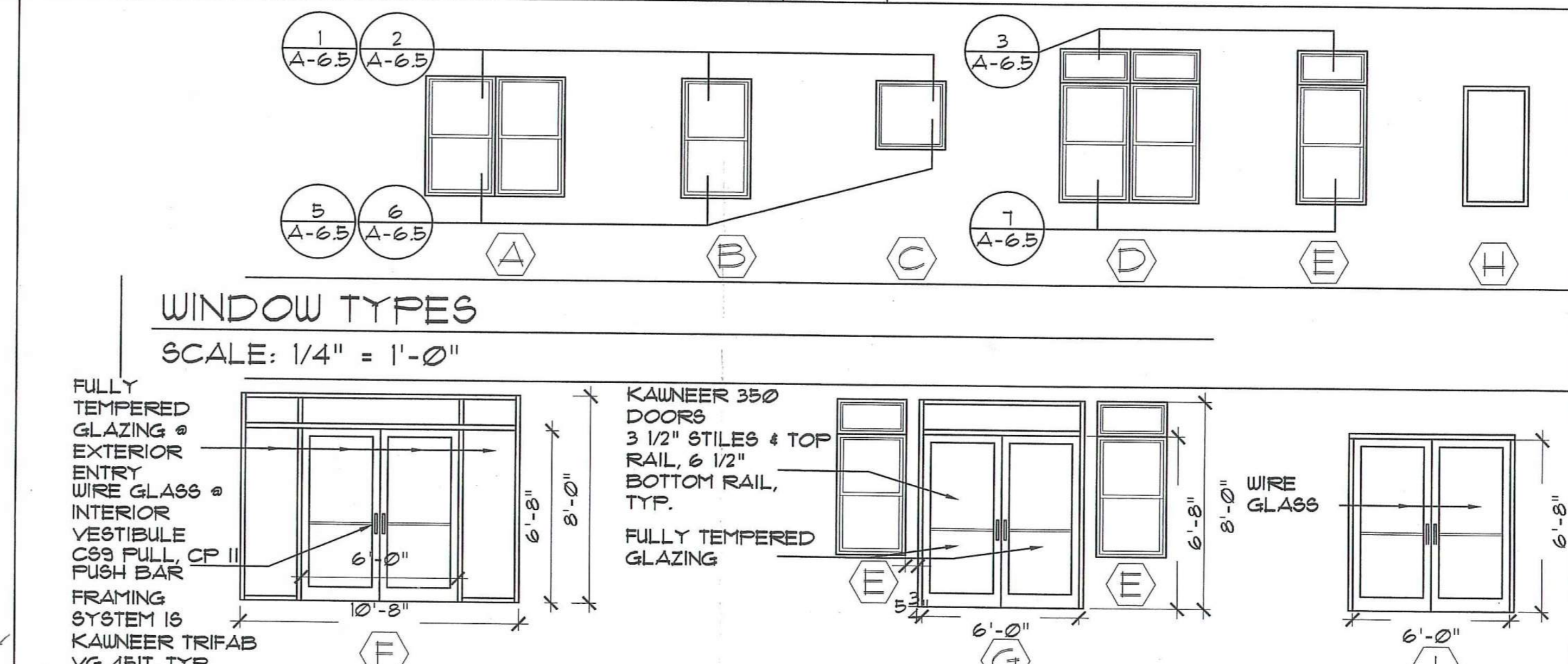
6 ENTRANCE SYSTEM TRANSOM
SCALE: 3" = 1'-0"

7 ENTRANCE SYSTEM SILL - INT.
SCALE: 3" = 1'-0"

8 JAMB AT ENTRY SYSTEM G
SCALE: 3" = 1'-0"

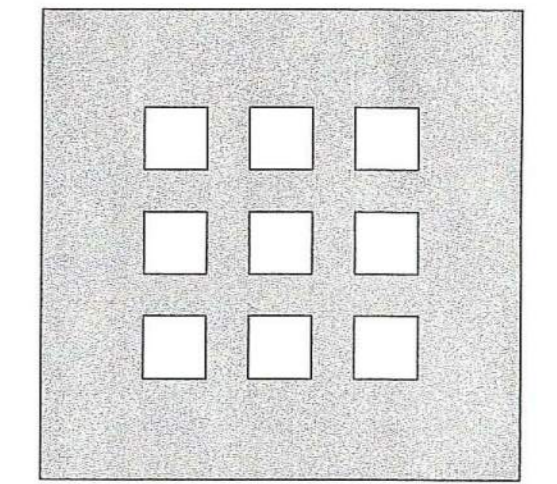
DESIGNATION	TYPE	UNIT SIZE		ROUGH OPENING		DETAILS			HEAD HEIGHT	REMARKS
		WIDTH	HEIGHT	WIDTH	HEIGHT	HEAD	JAMB	SILL		
A	DOUBLE HUNG	5'-1 5/8"	4'-8 3/4"	5'-8"	4'-8"	1/2	7/8	5/8	6'-8"	DOUBLE
B	DOUBLE HUNG	2'-5 3/4"	4'-8 3/4"	2'-6 1/8"	6'-1 1/4"	1/2	7/8	5/8	6'-8"	SINGLE <i>PROBLEM</i>
C	AWNING	2'-0"	2'-0"	2'-0 3/8"	2'-0 1/2"	1/2	7/8	5/8	6'-8"	SINGLE <i>ITEM #1</i>
D	D.H. W/ TRANSOM	5'-1 5/8"	4'-8 3/4"	5'-8 1/8"	6'-2 1/2"	3	8	7	8'-0"	TRANSOM: 5'-1 5/8" X 1'-4 3/4"
E	D.H. W/ TRANSOM	2'-5 3/4"	4'-8 3/4"	2'-6 1/8"	6'-2 1/2"	3	8	7	8'-0"	TRANSOM: 2'-5 3/4" X 1'-4 3/4"
H	FIXED	2'-6"	4'-8"						6'-8"	ALUMINUM WINDOW

A-TYPE #1 R.O. 4'12 1/2" X 6'0 1/2"
C-TYPE #3 R.O. 4'2 1/2" X 2'4 1/2"
D-TYPE #5 R.O. 4'8 1/2" X 5'8 1/2" X 7'4"
E-TYPE #7 R.O. 3'0 1/4" X 4'7 1/4"



WINDOW SCHEDULE

ENTRANCE SYSTEM TYPES
SCALE: 1/4" = 1'-0"



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155 Massachusetts Ave.
Boston, MA 02115
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SENIOR HOUSING**

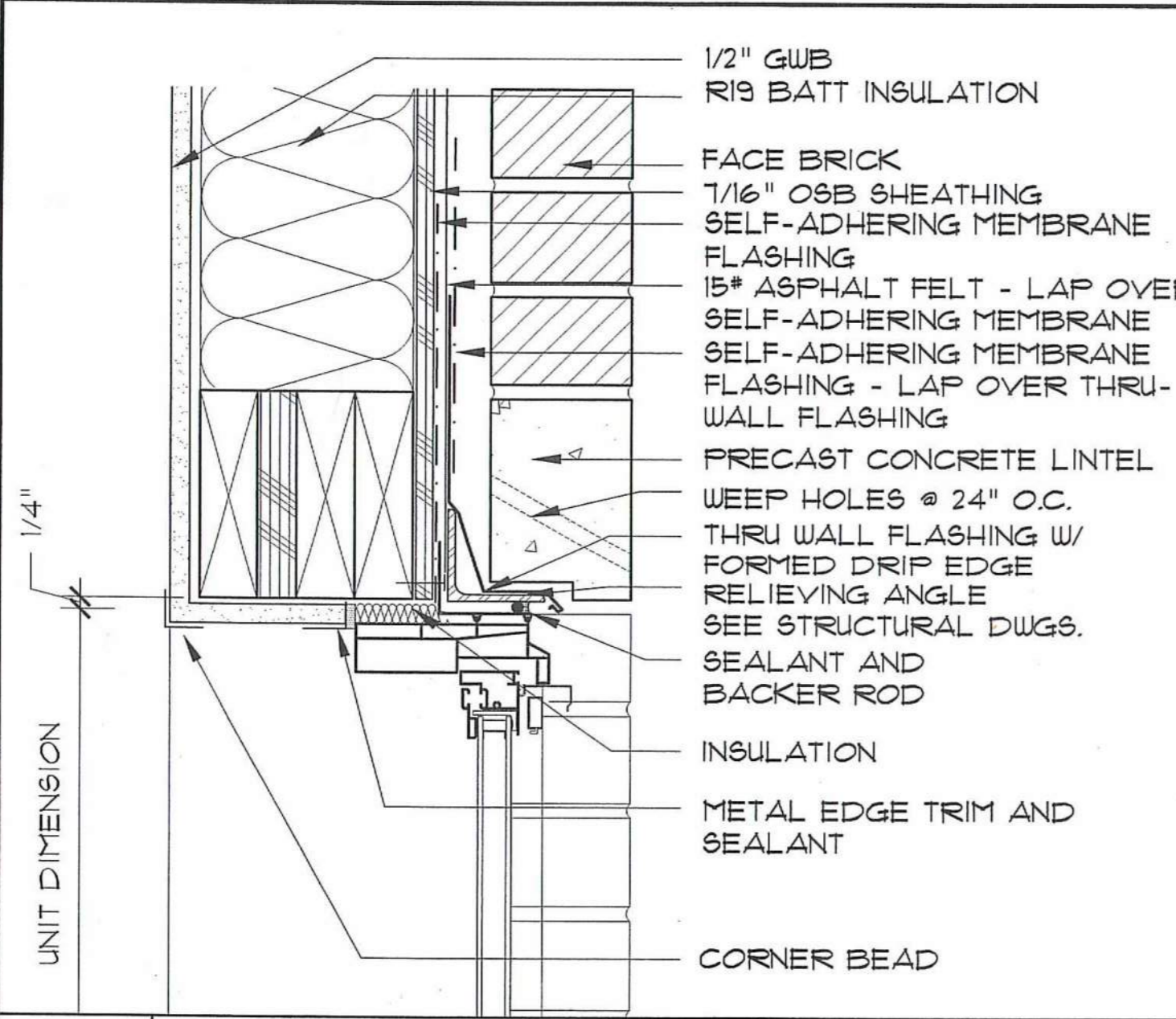
100% CONSTRUCTION DRAWINGS
PERMIT SET

WINDOW SCHEDULE & DETAILS
ENTRANCE SYSTEM SCHEDULE AND DETAILS

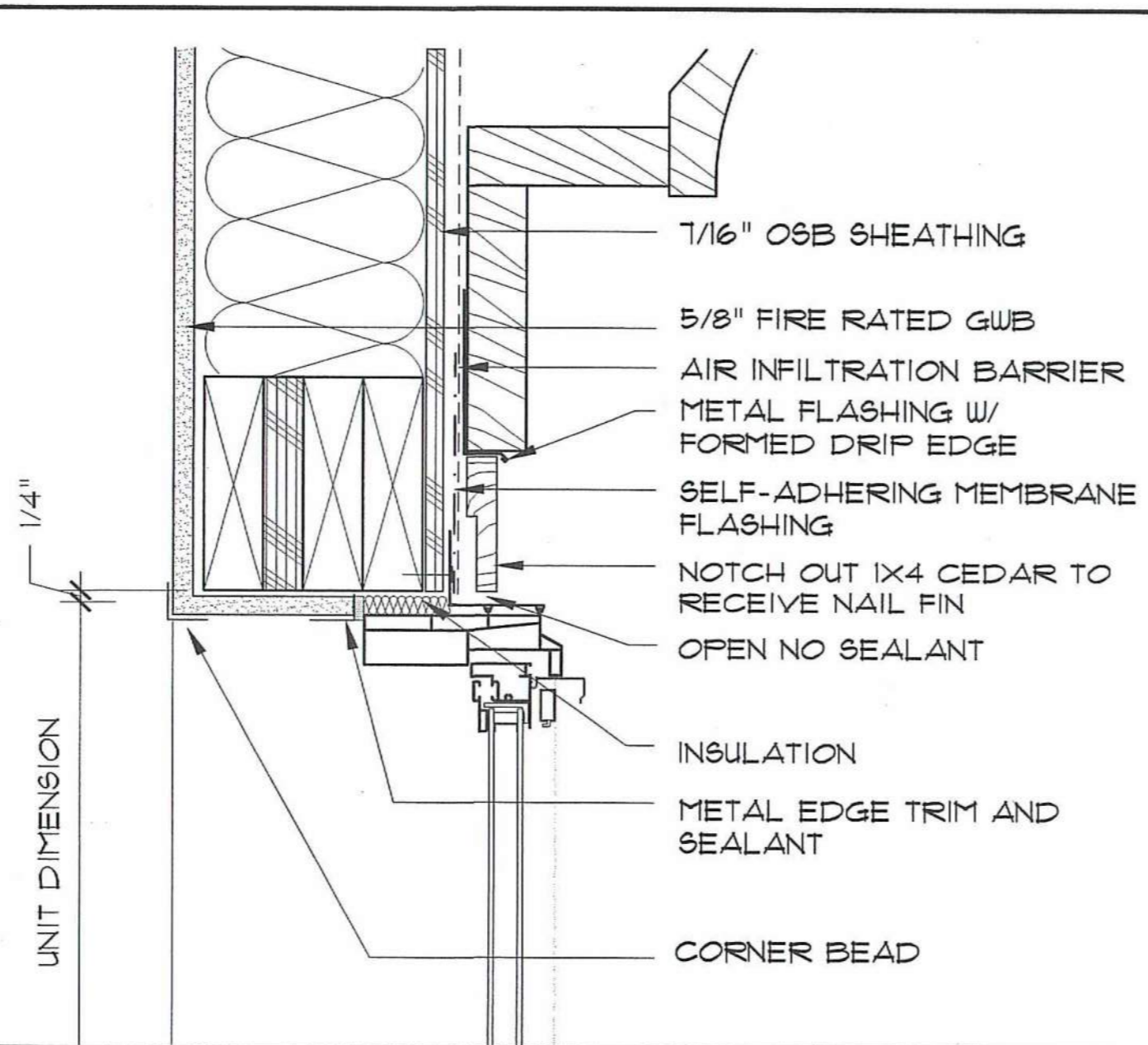
Scale AS NOTED
File Name A-6.4
Drawn By RB
Checked By MP
Job No. 2101.1
Date 06-24-02



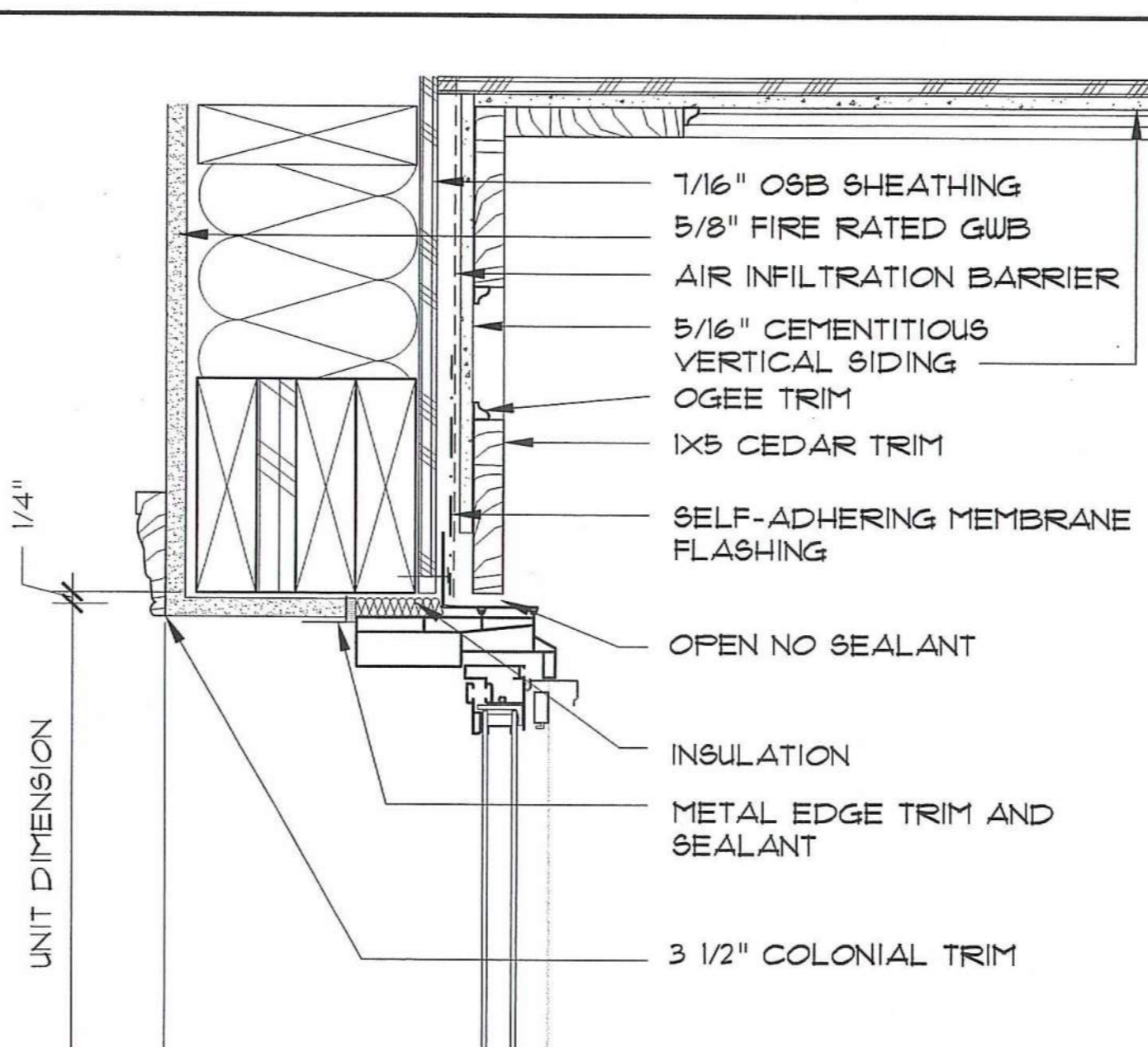
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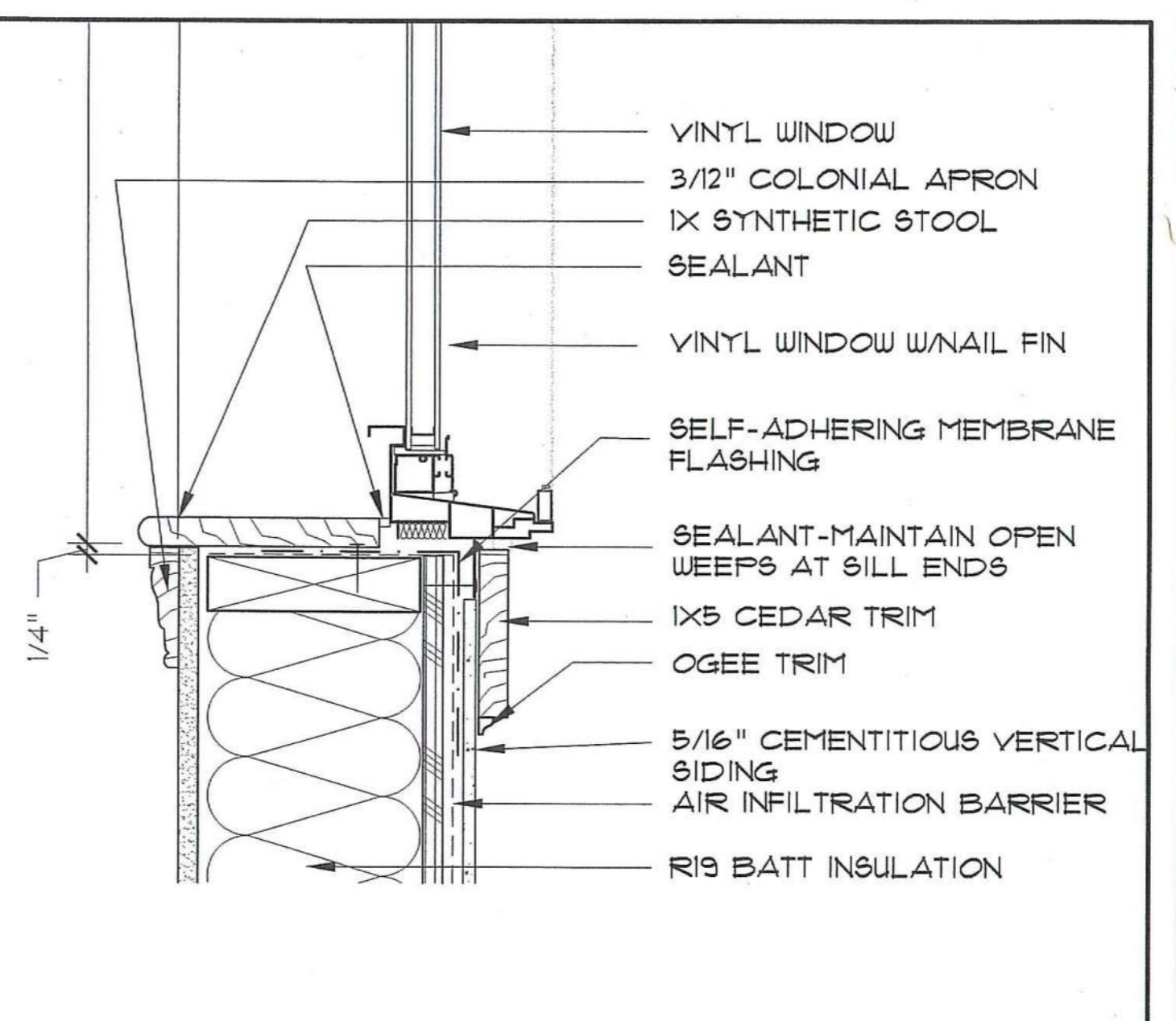
1 WINDOW HEAD @ BRICK
SCALE: 3" = 1'-0"



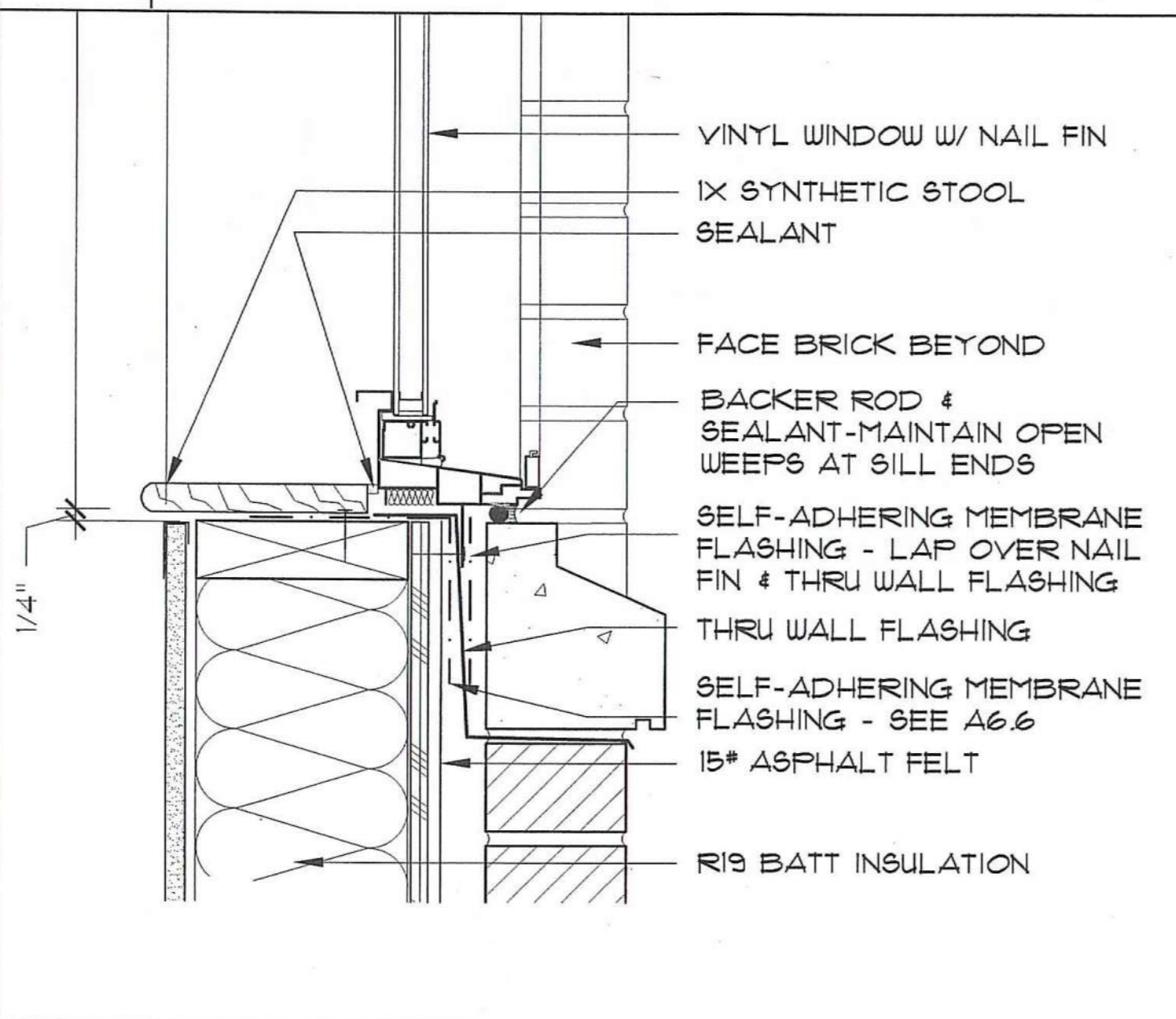
2 WINDOW HEAD @ 3RD FL.
SCALE: 3" = 1'-0"



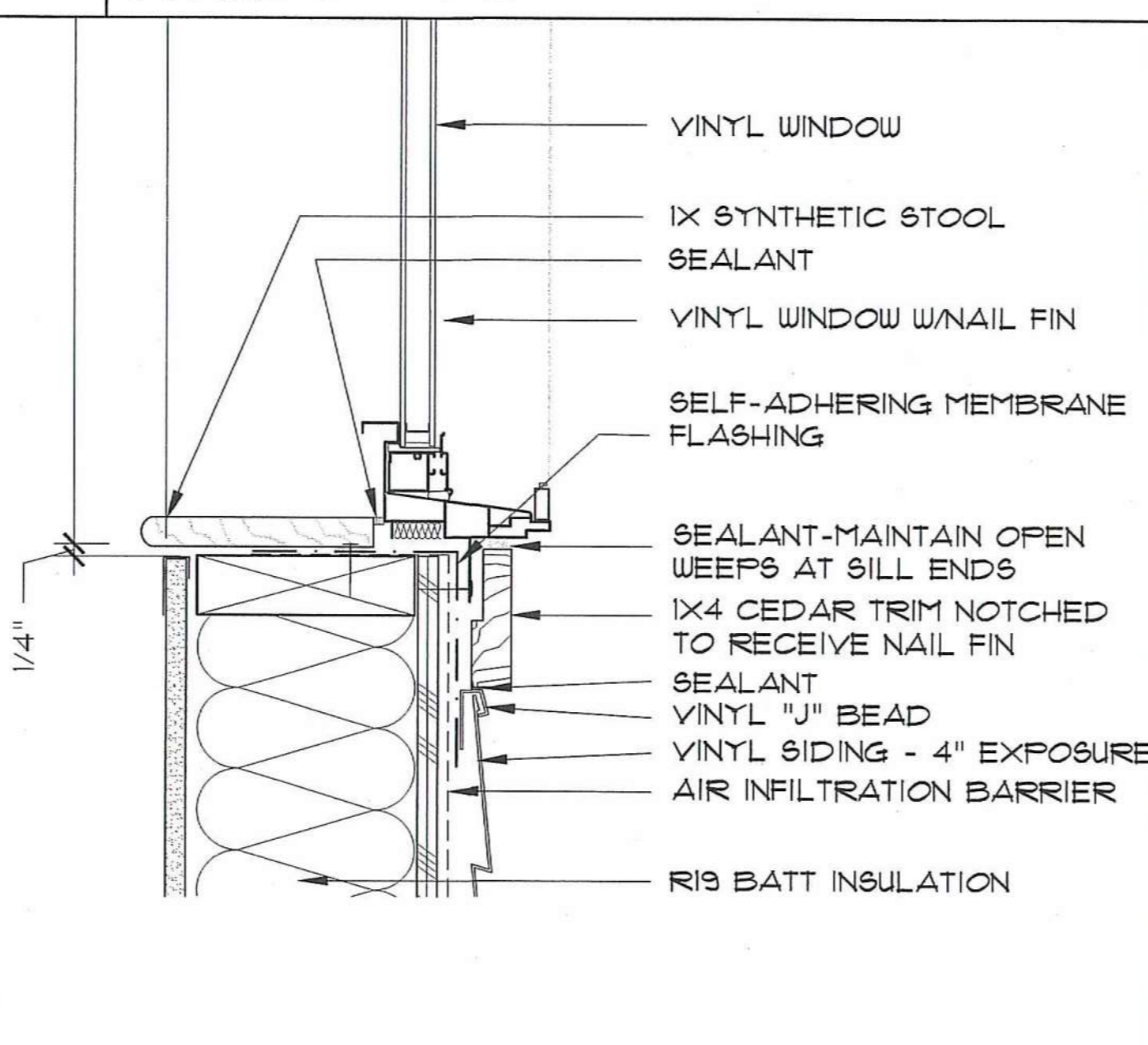
3 WINDOW HEAD @ 1ST FL.
SCALE: 3" = 1'-0"



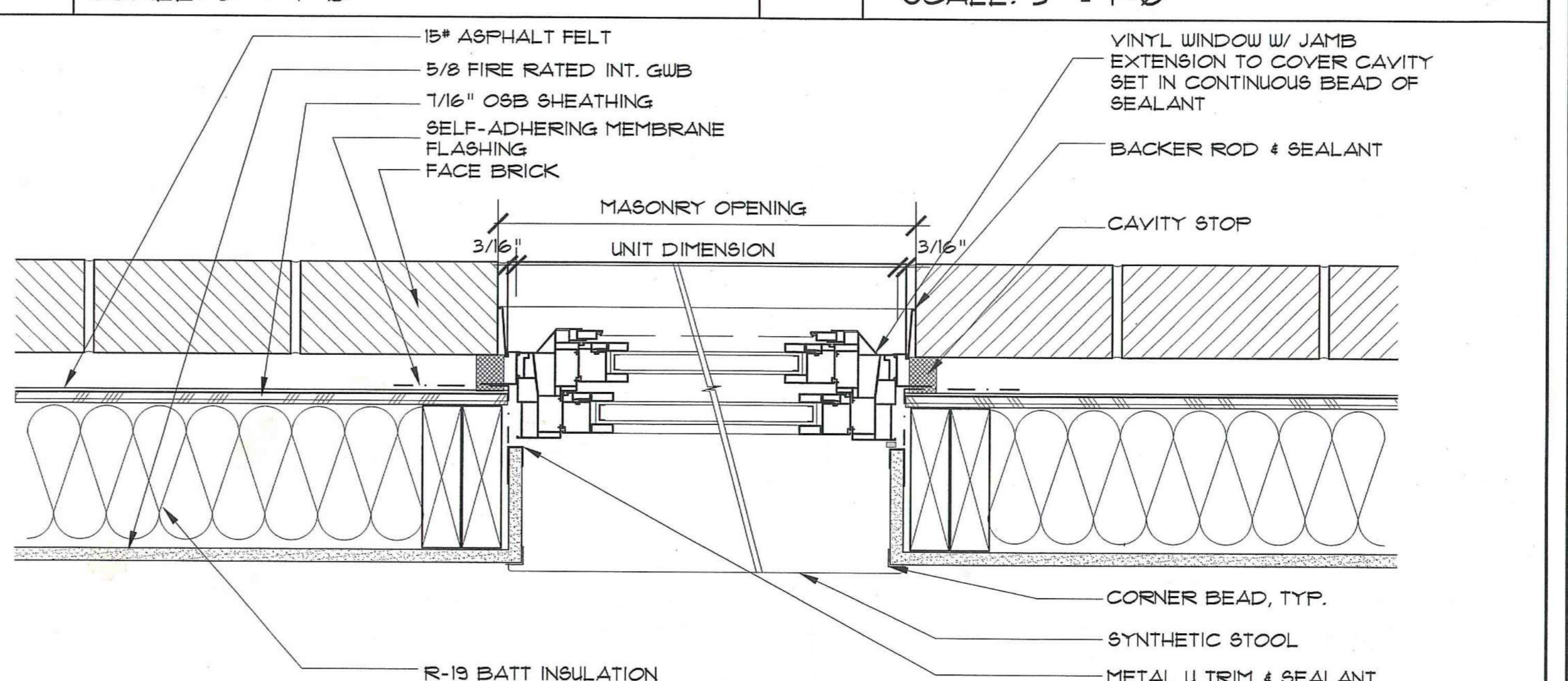
4 WINDOW SILL @ 1ST FL.
SCALE: 3" = 1'-0"



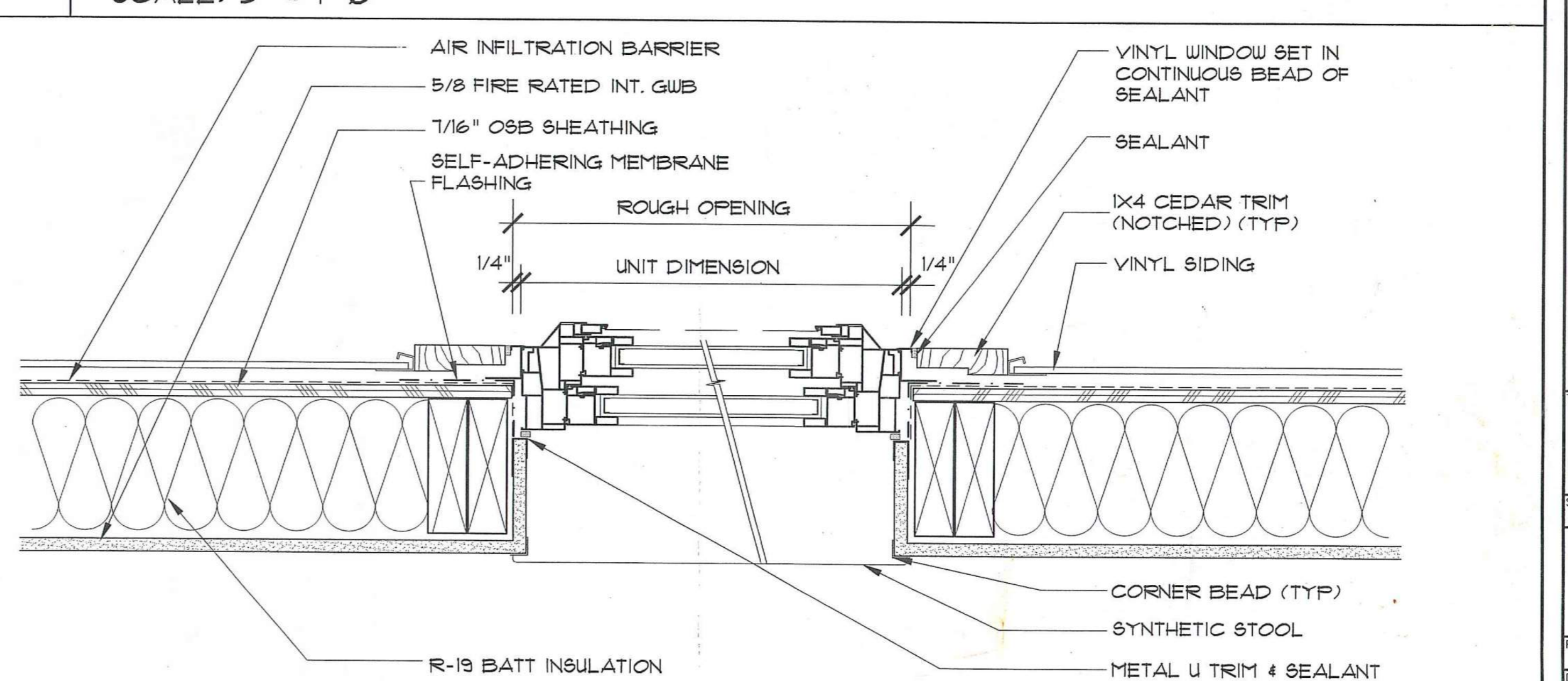
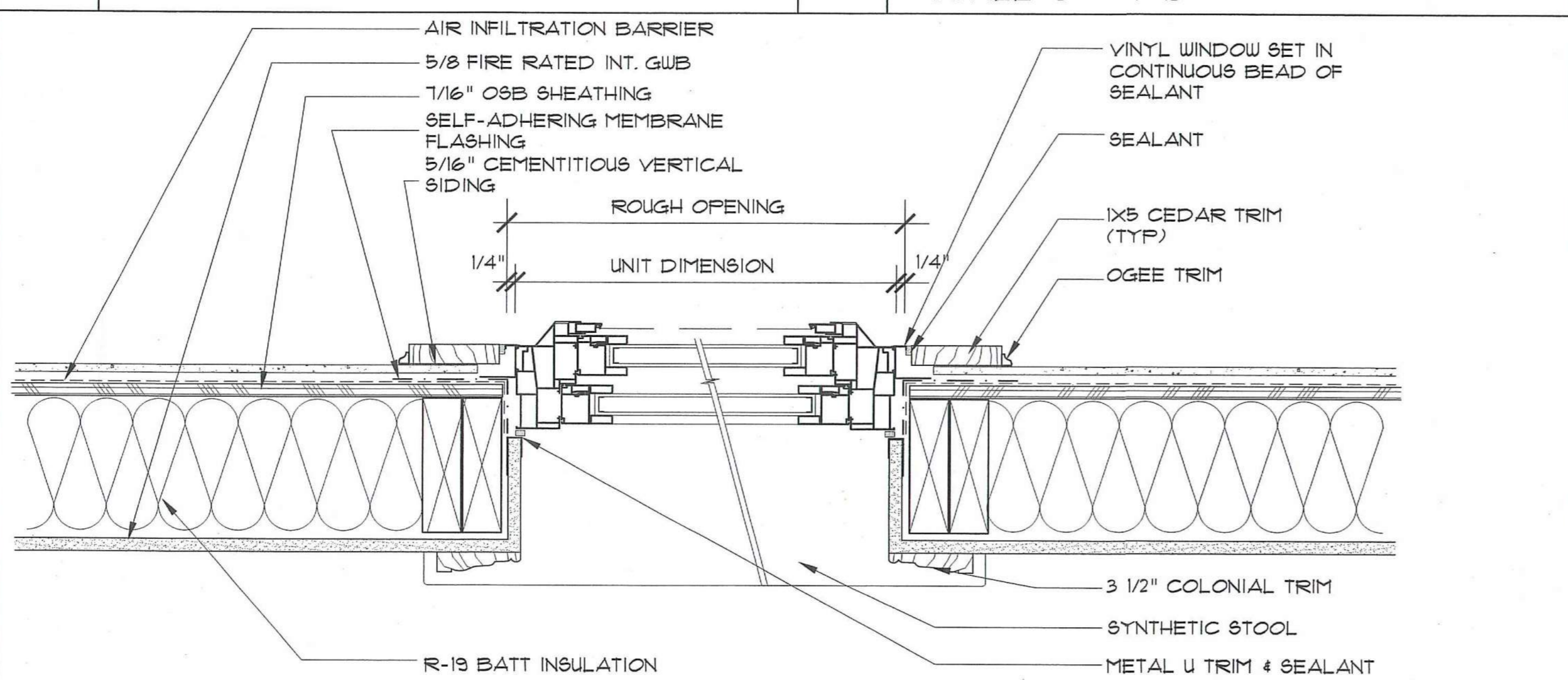
5 WINDOW SILL @ BRICK
SCALE: 3" = 1'-0"



6 WINDOW SILL @ 3RD FL.
SCALE: 3" = 1'-0"



7 WINDOW JAMB @ BRICK
SCALE: 3" = 1'-0"



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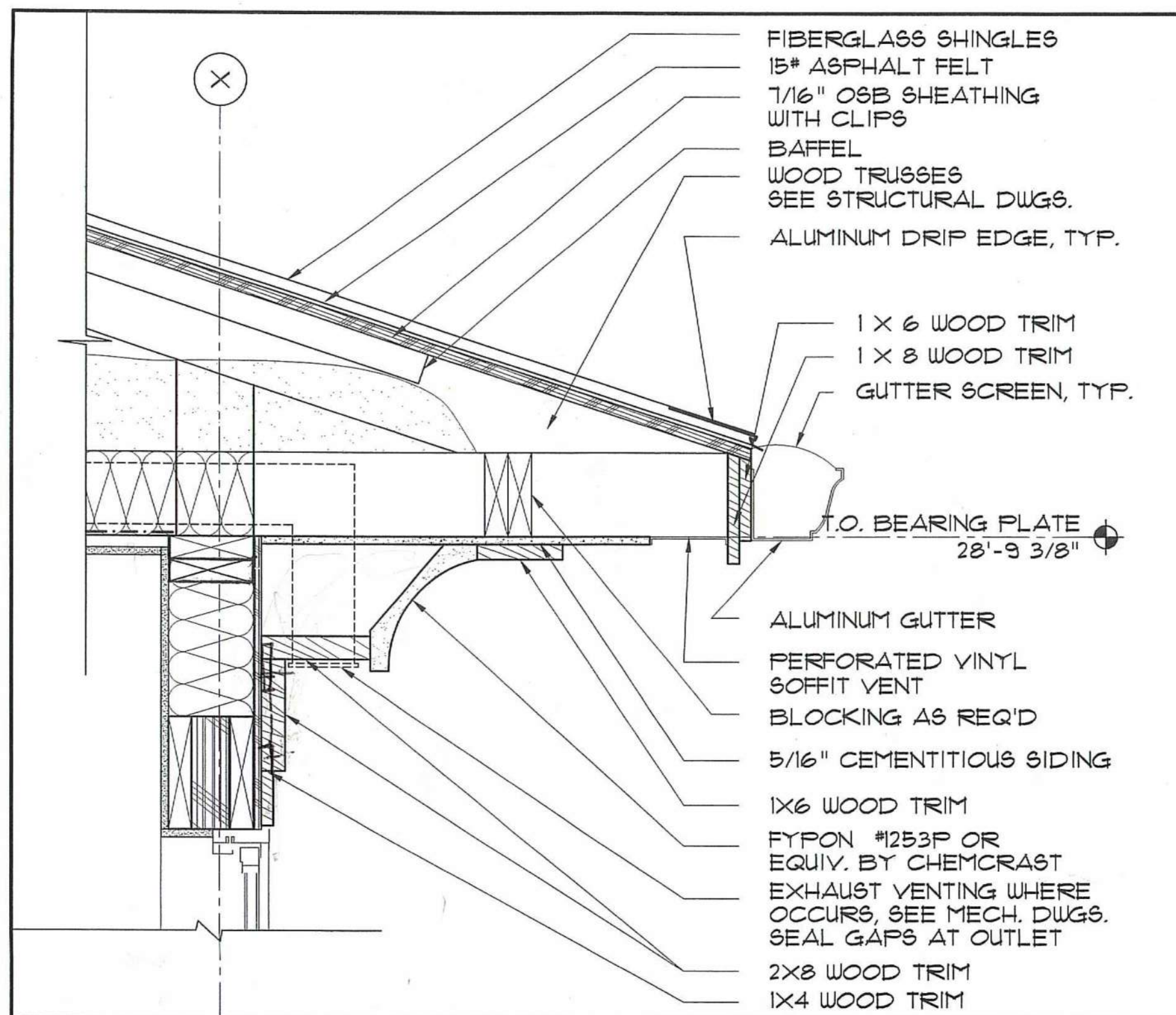
**DAYTON HOPE VI
SENIOR HOUSING**

100% CONSTRUCTION DRAWINGS
PERMIT SET

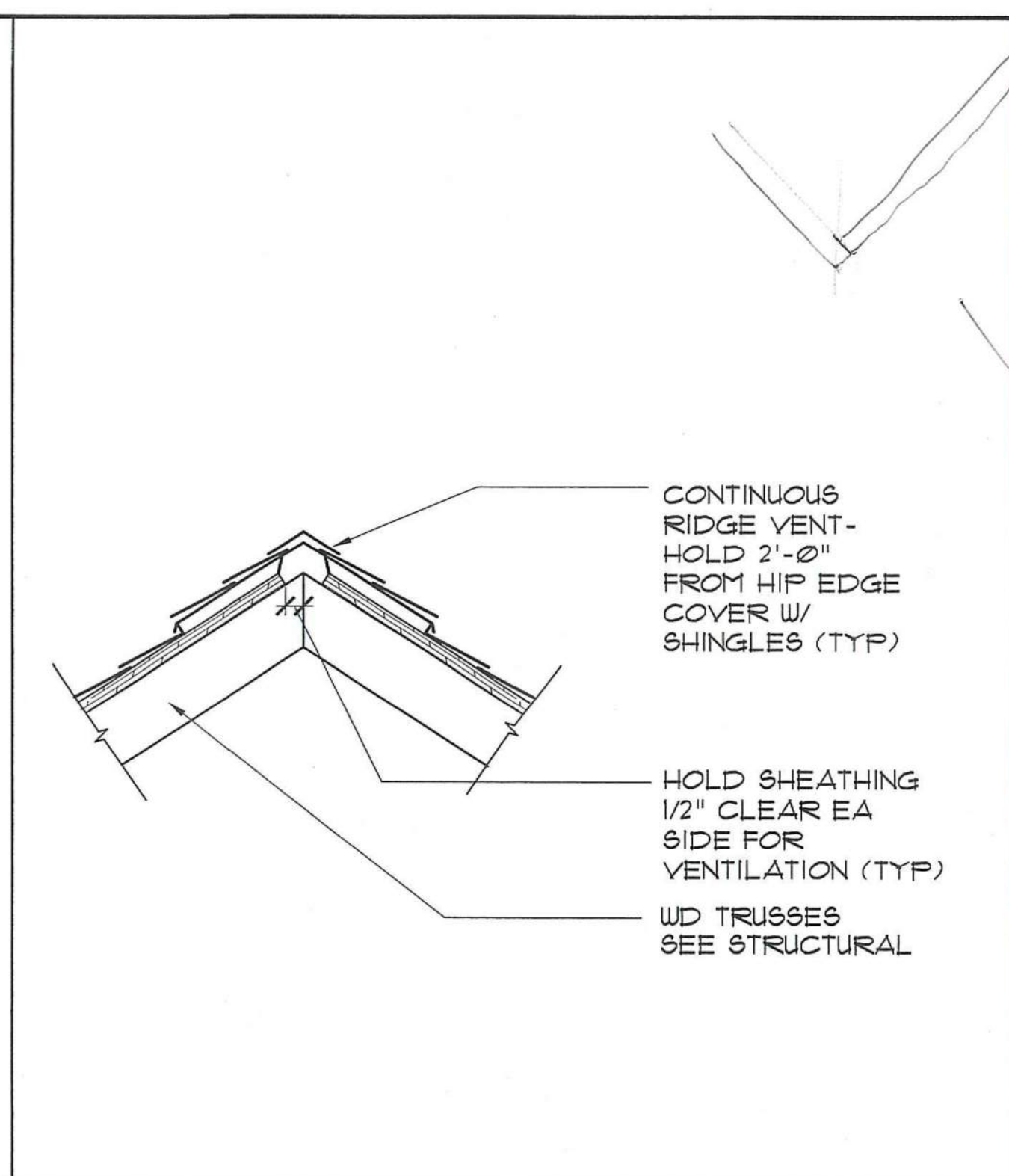
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Scale: **AS NOTED**

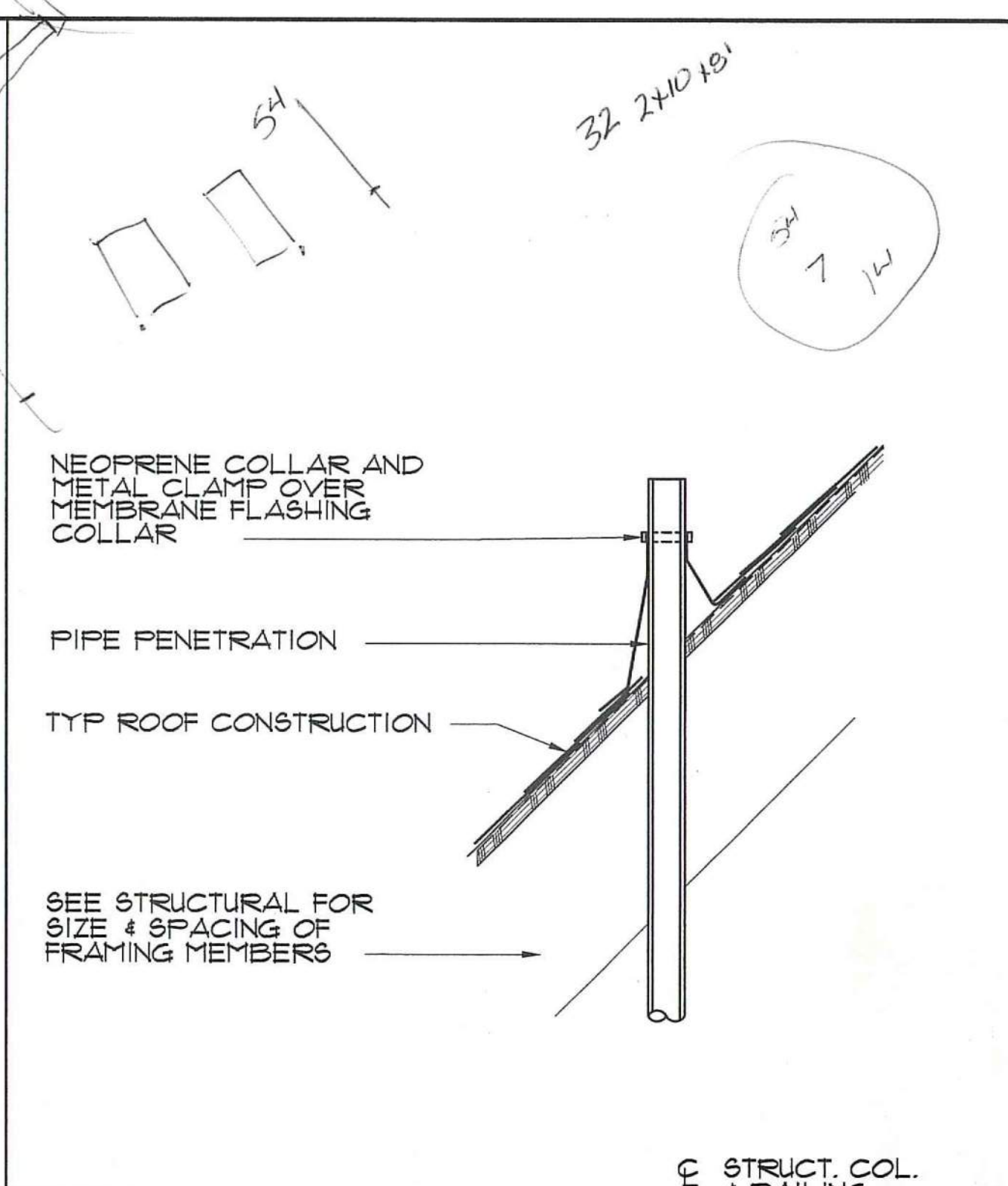
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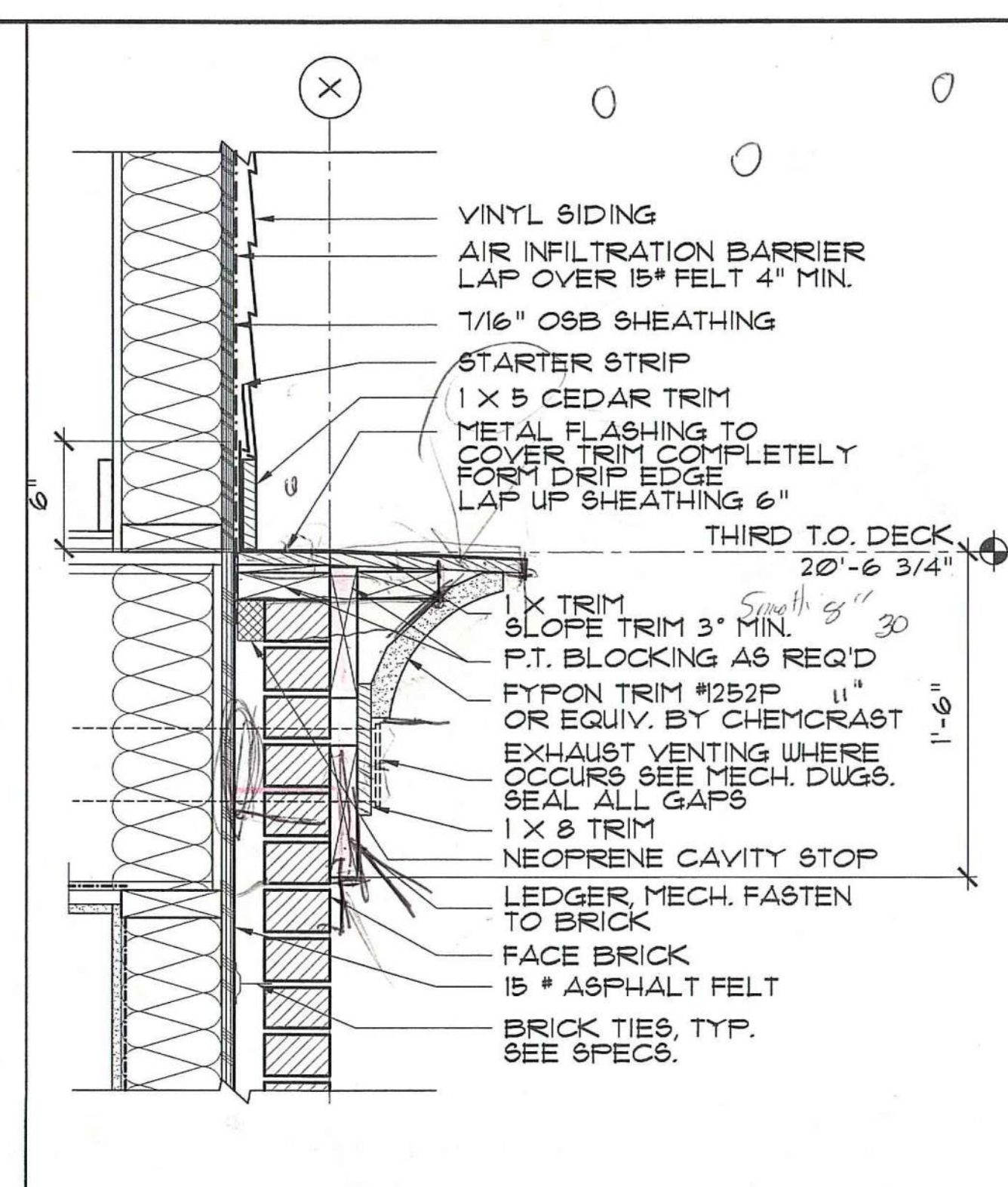
8 SOFFIT DETAIL, TYP.
SCALE: 1 1/2" = 1'-0"



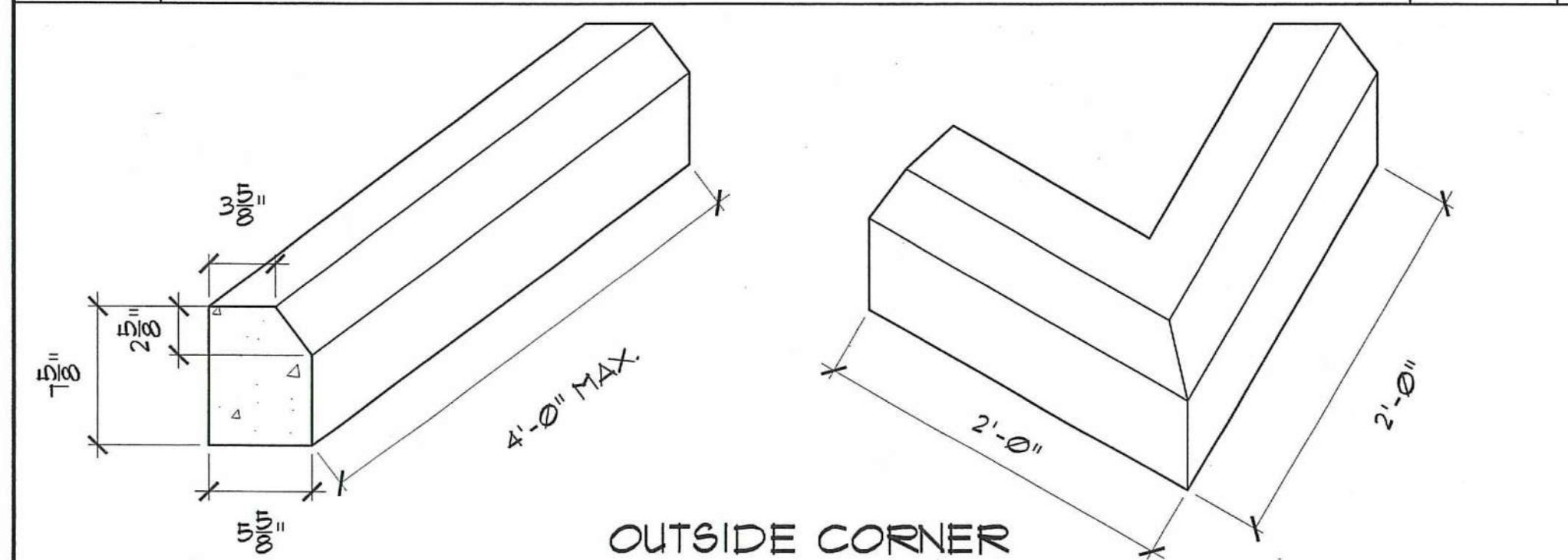
9 RIDGE VENT DETAIL
SCALE: 1 1/2" = 1'-0"



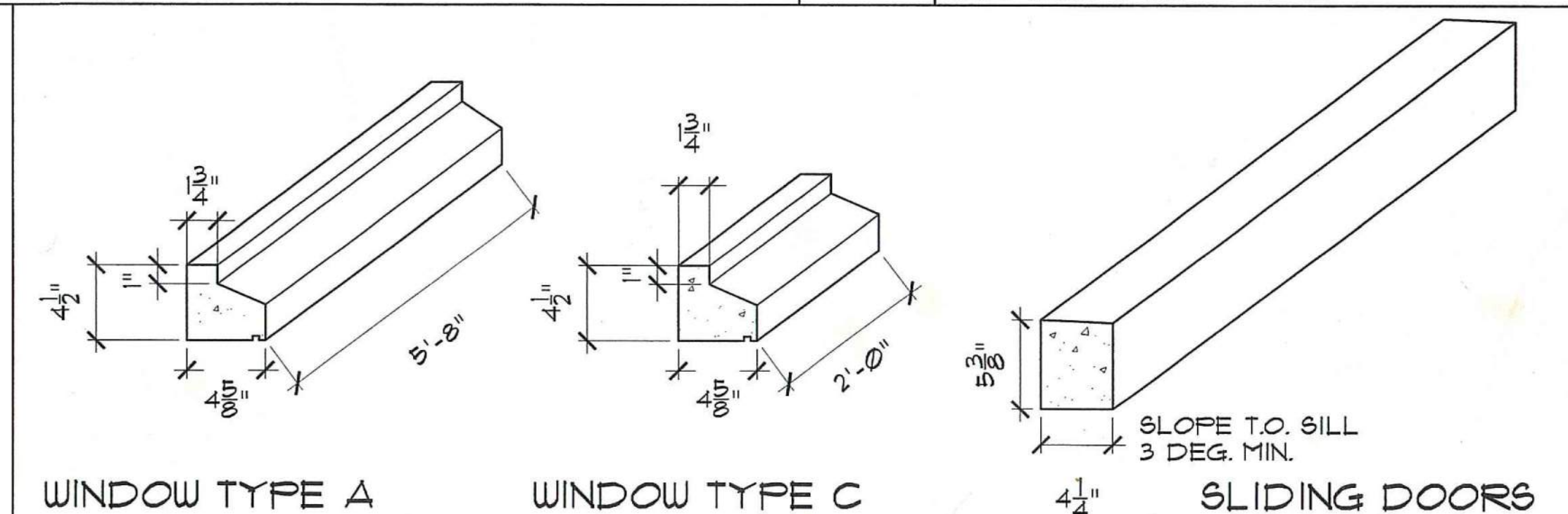
10 ROOF PENETRATION DETAIL
SCALE: 1 1/2" = 1'-0"



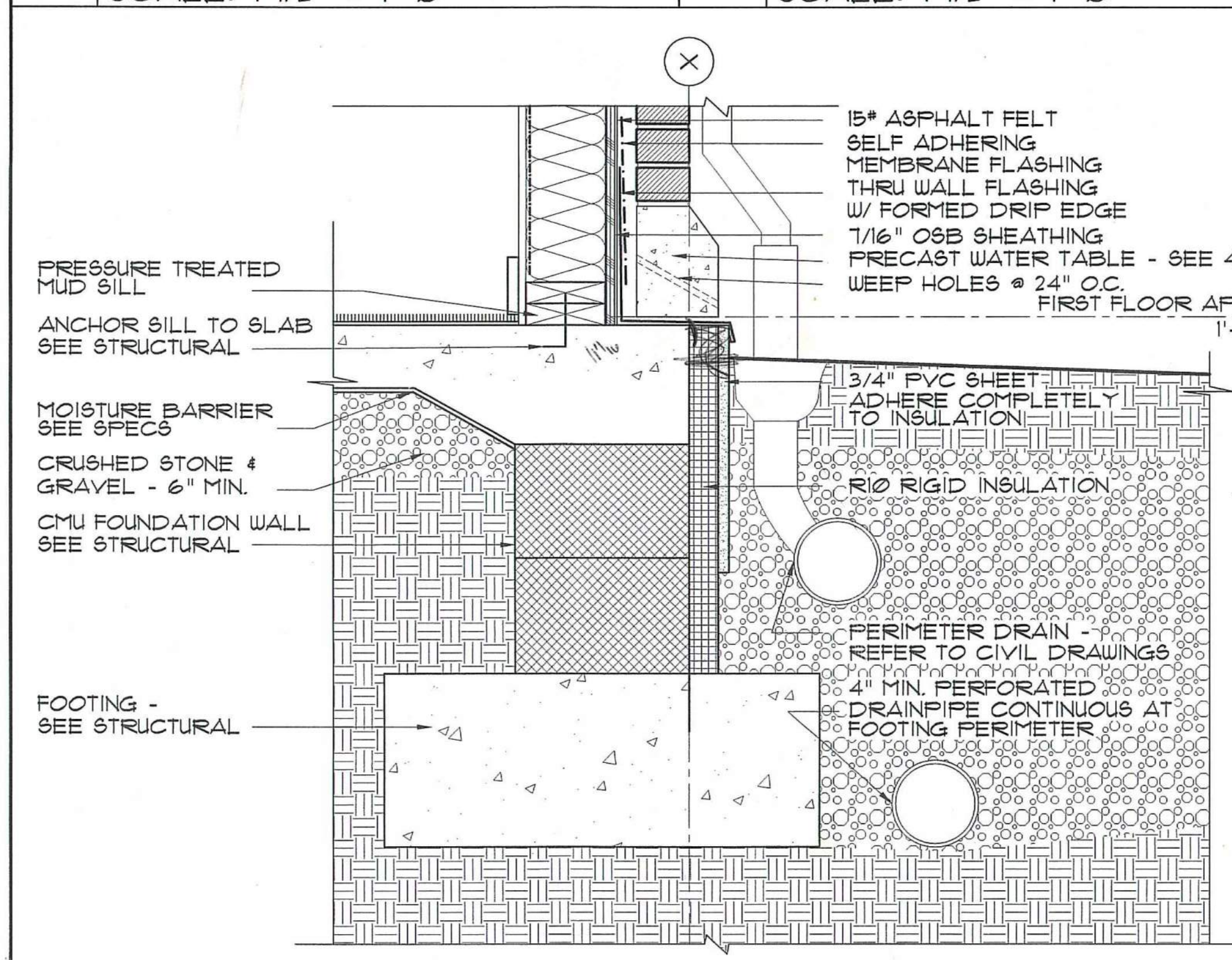
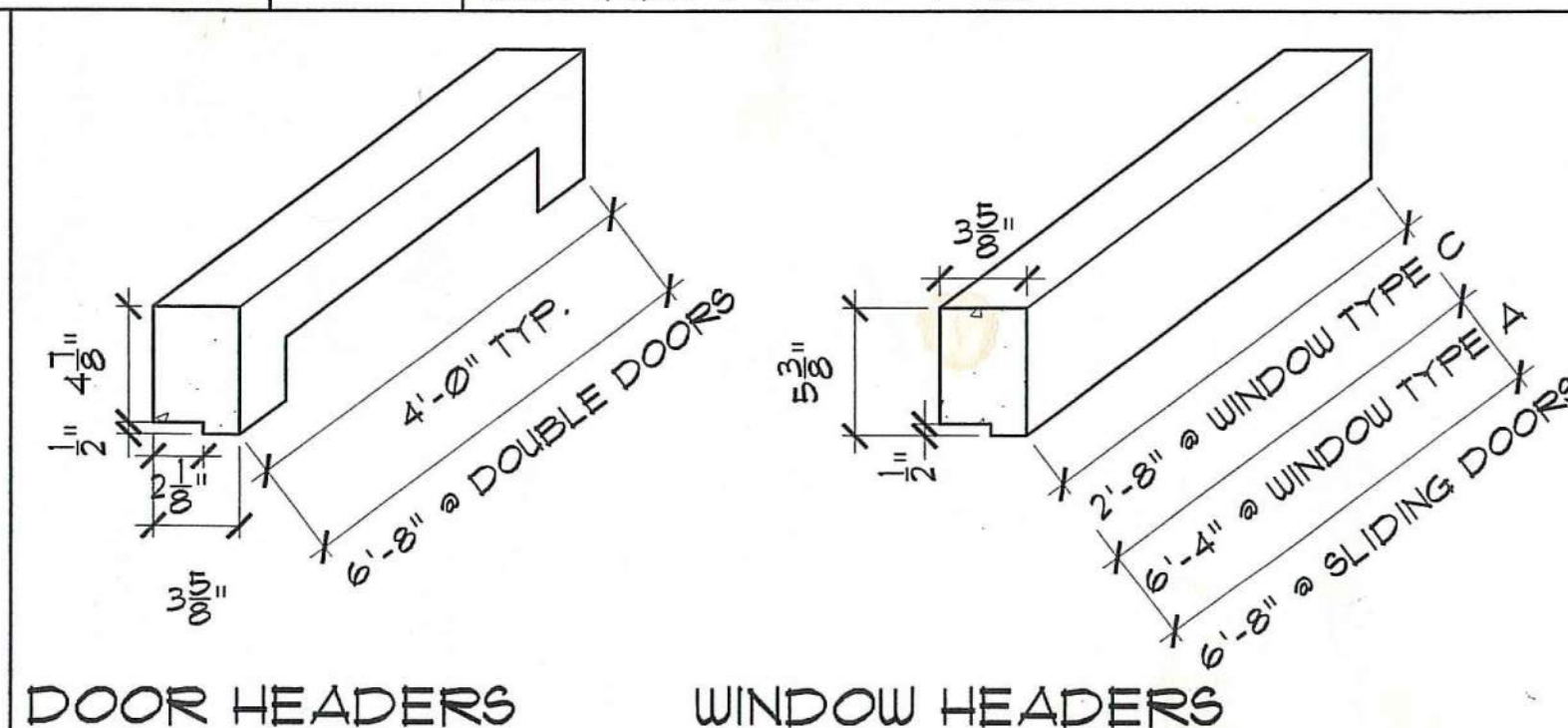
11 BUILT-UP TRIM, TYP.
SCALE: 1 1/2" = 1'-0"



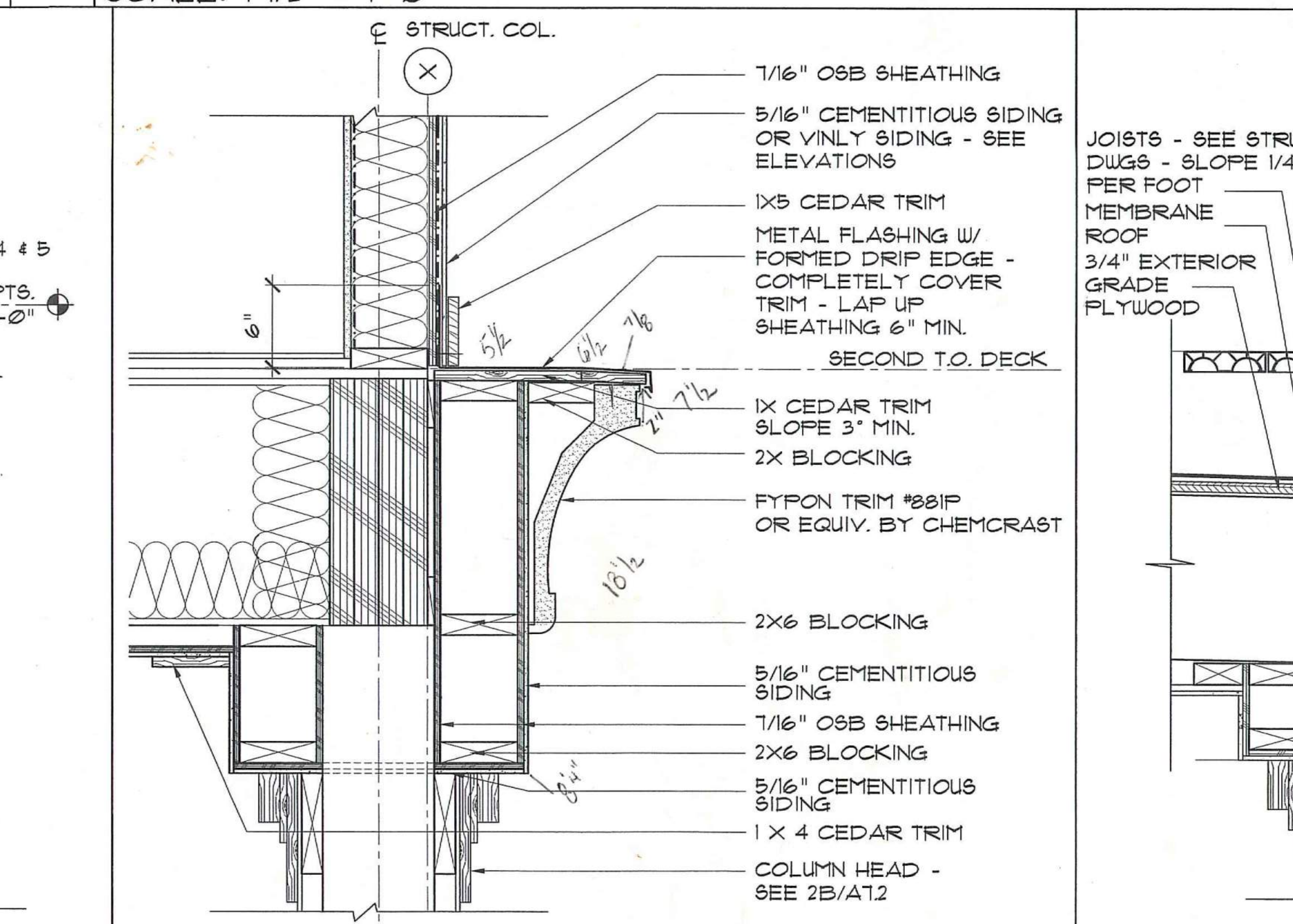
4 PRECAST WATER TABLE, TYP.
SCALE: 1 1/2" = 1'-0"



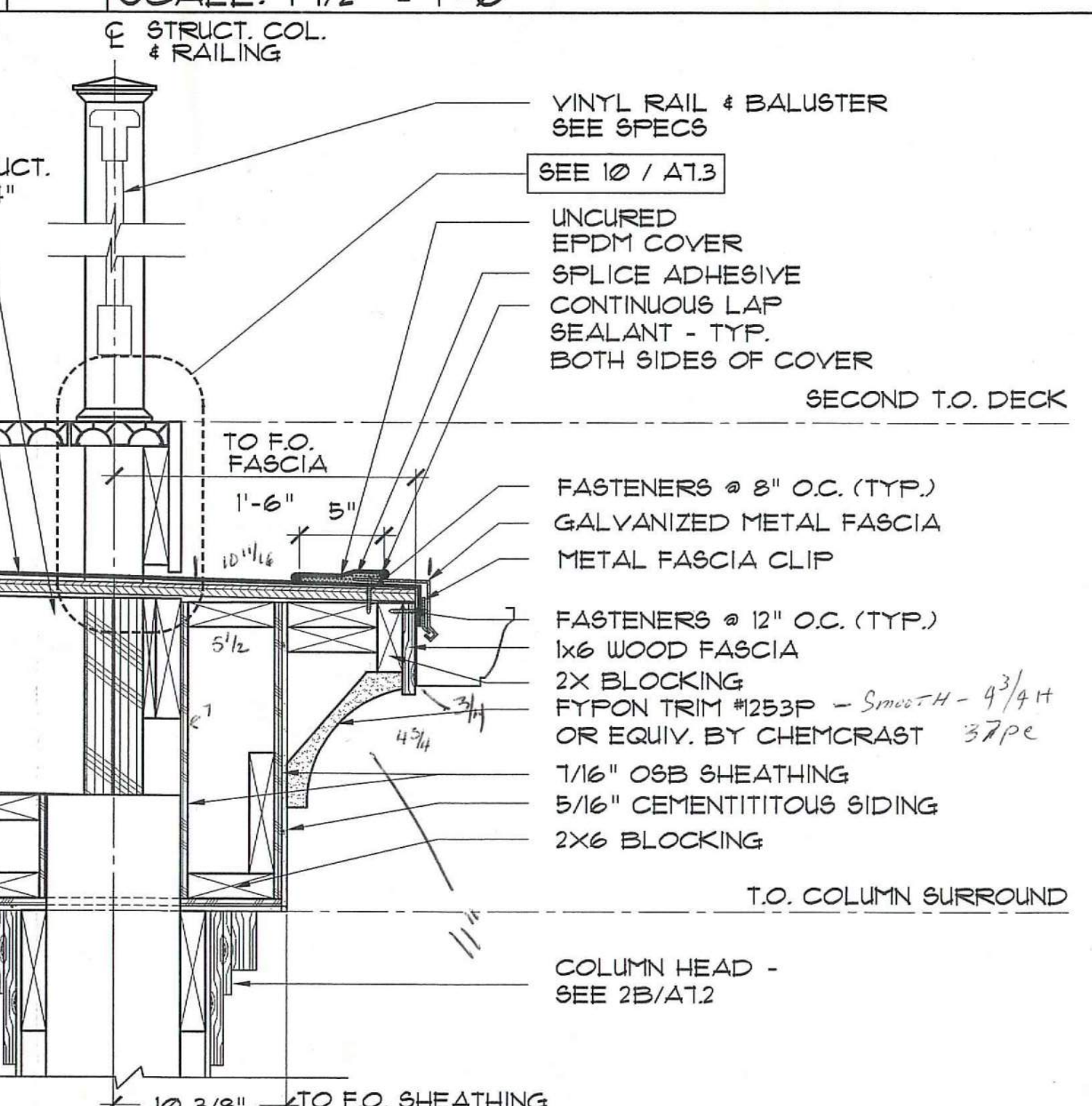
6 PRECAST SILLS
SCALE: 1 1/2" = 1'-0"



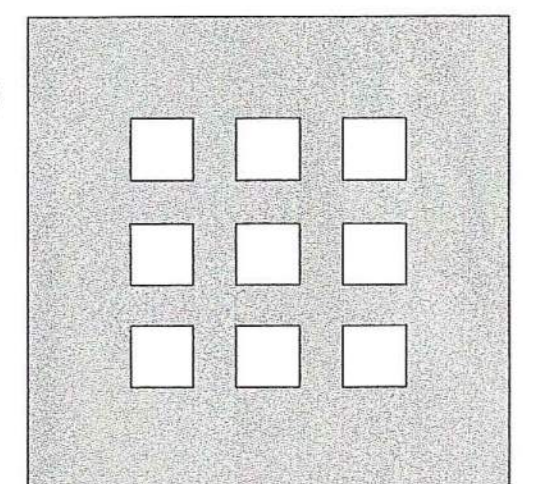
1 FOUNDATION DETAIL, TYP.
SCALE: 1 1/2" = 1'-0"



2 TRIM DETAIL @ ENTRY PORCH
SCALE: 1 1/2" = 1'-0"

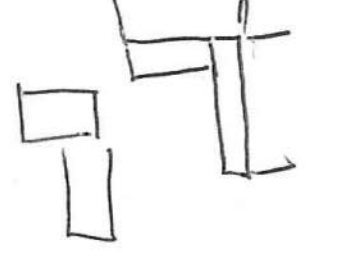


3 DETAIL @ REAR PORCH FASCIA
SCALE: 1 1/2" = 1'-0"



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No.	Date	Revision

**DAYTON HOPE VI
SENIOR HOUSING**

100% CONSTRUCTION DRAWINGS

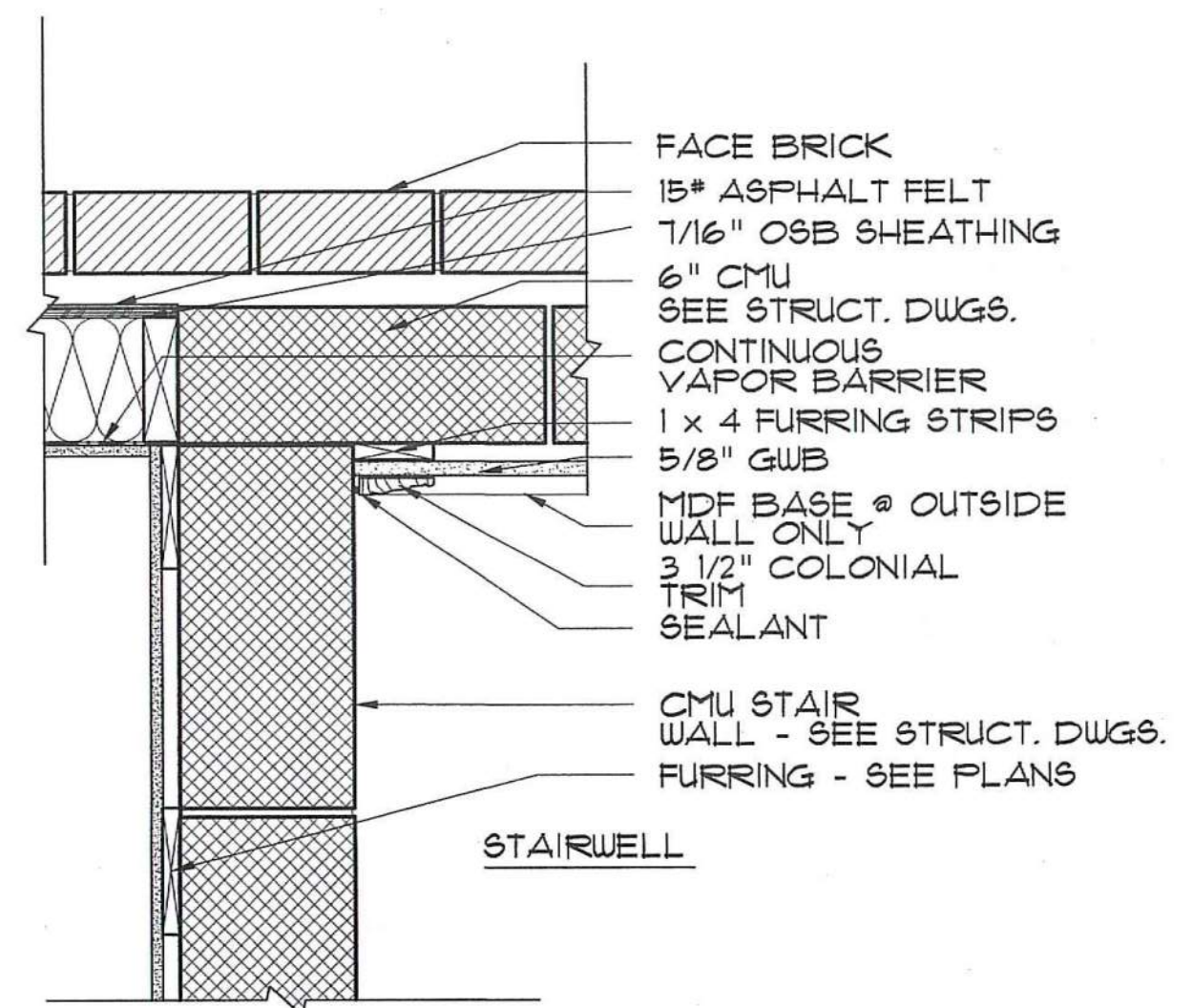
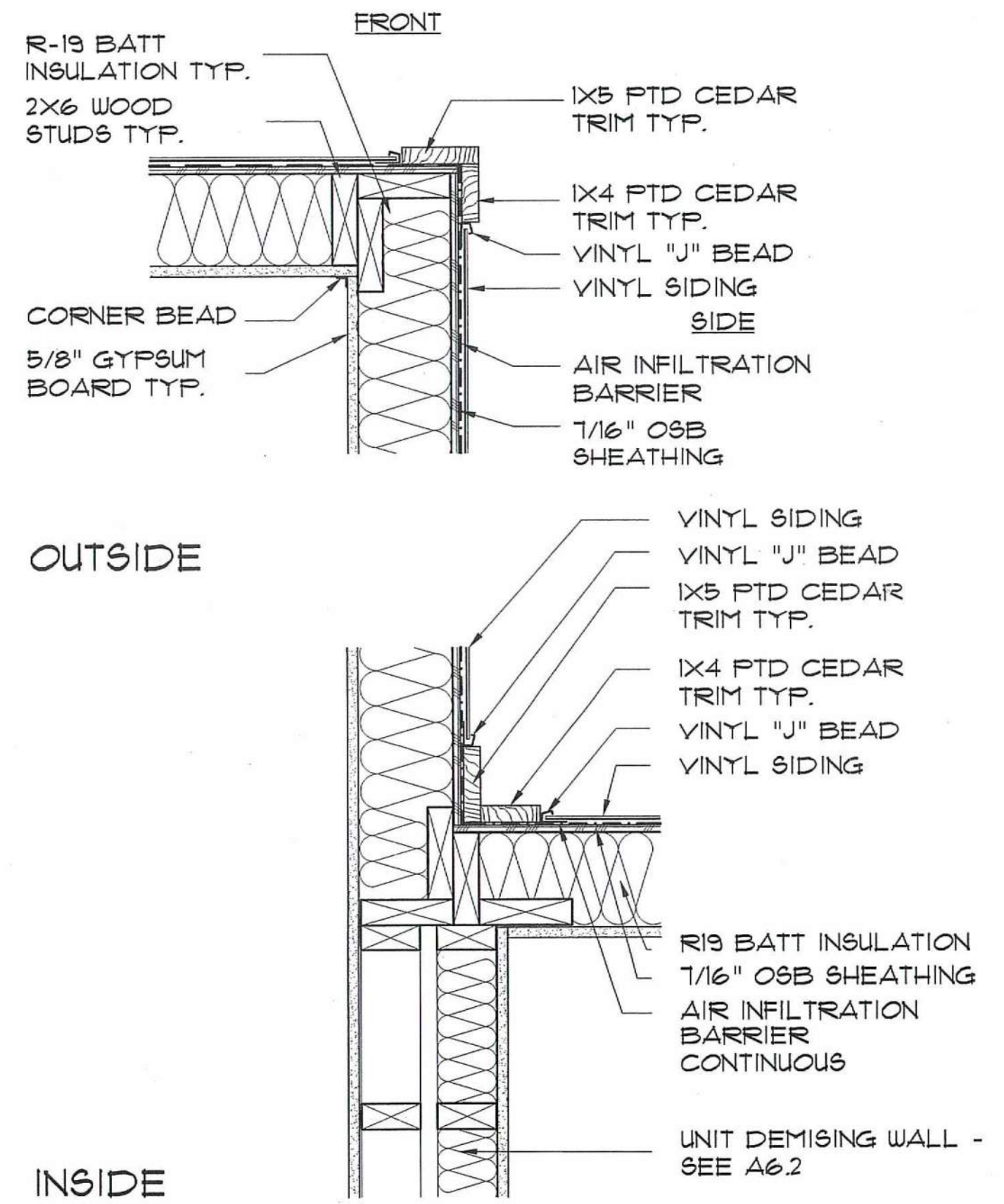
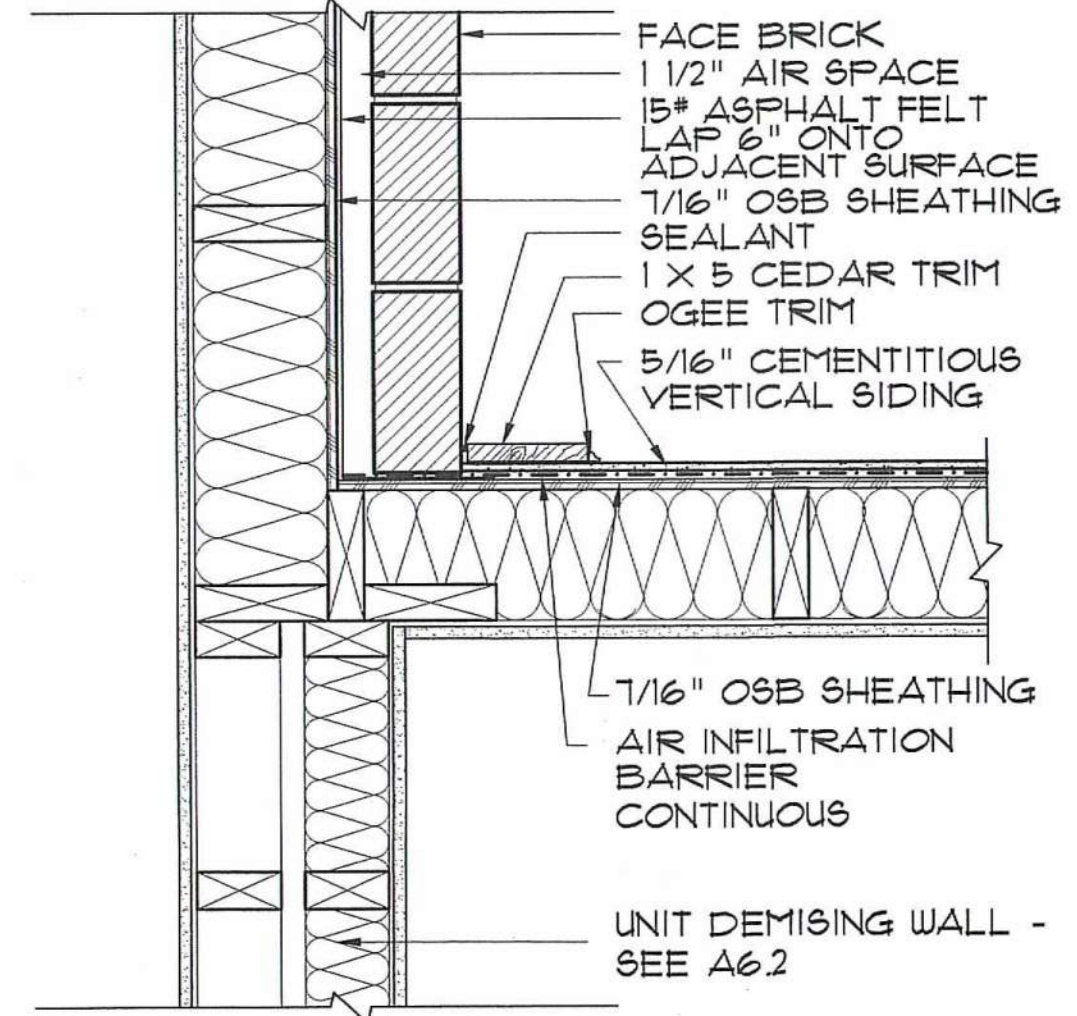
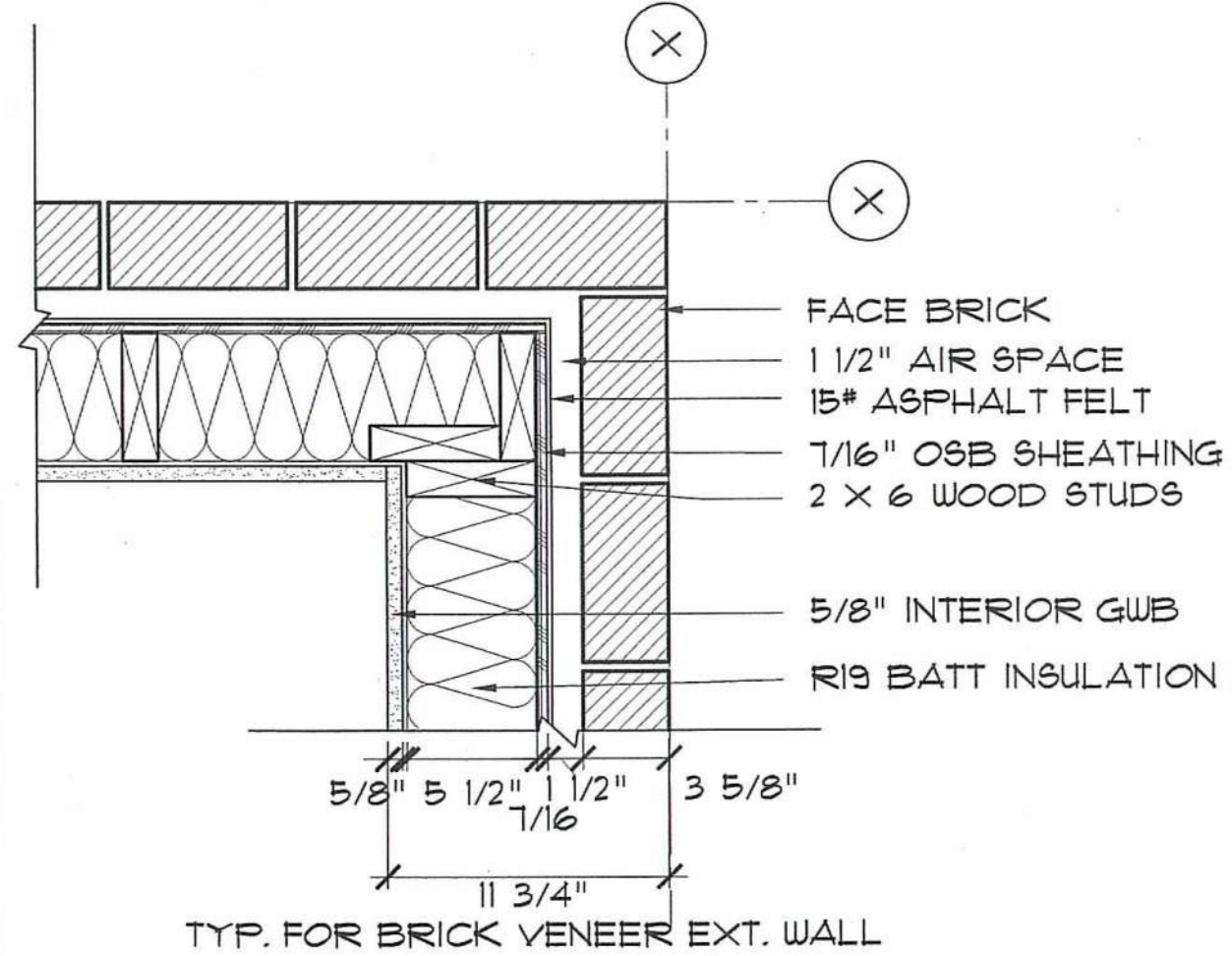
EXTERIOR DETAILS

Scale AS NOTED

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Drawn By RB
Checked By MP
Job No. 2101.1
Date 06-24-02

STATE OF OHIO
FERNANDO DOMENECH, JR.
NO. 12827
REGISTERED ARCHITECT

A-7.1

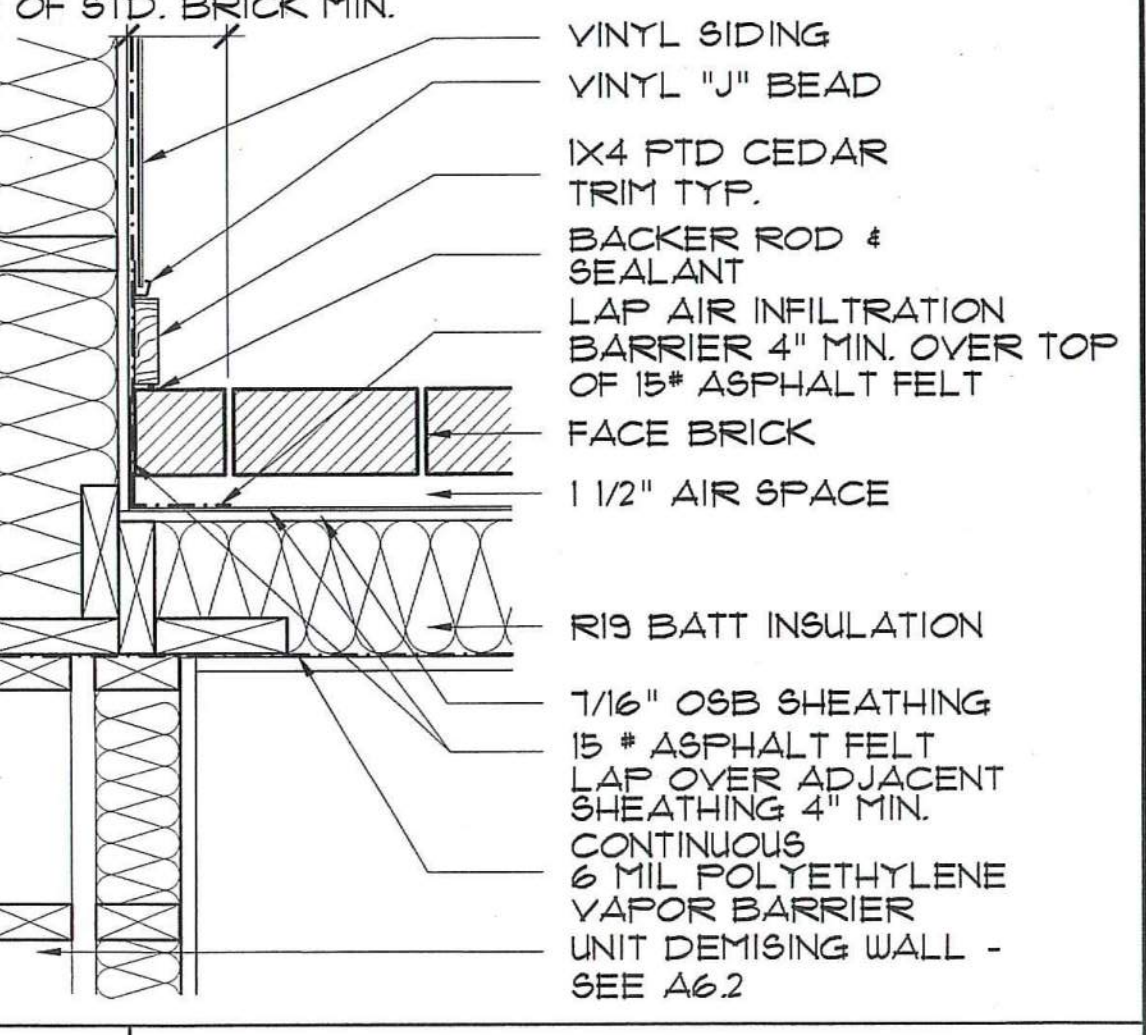
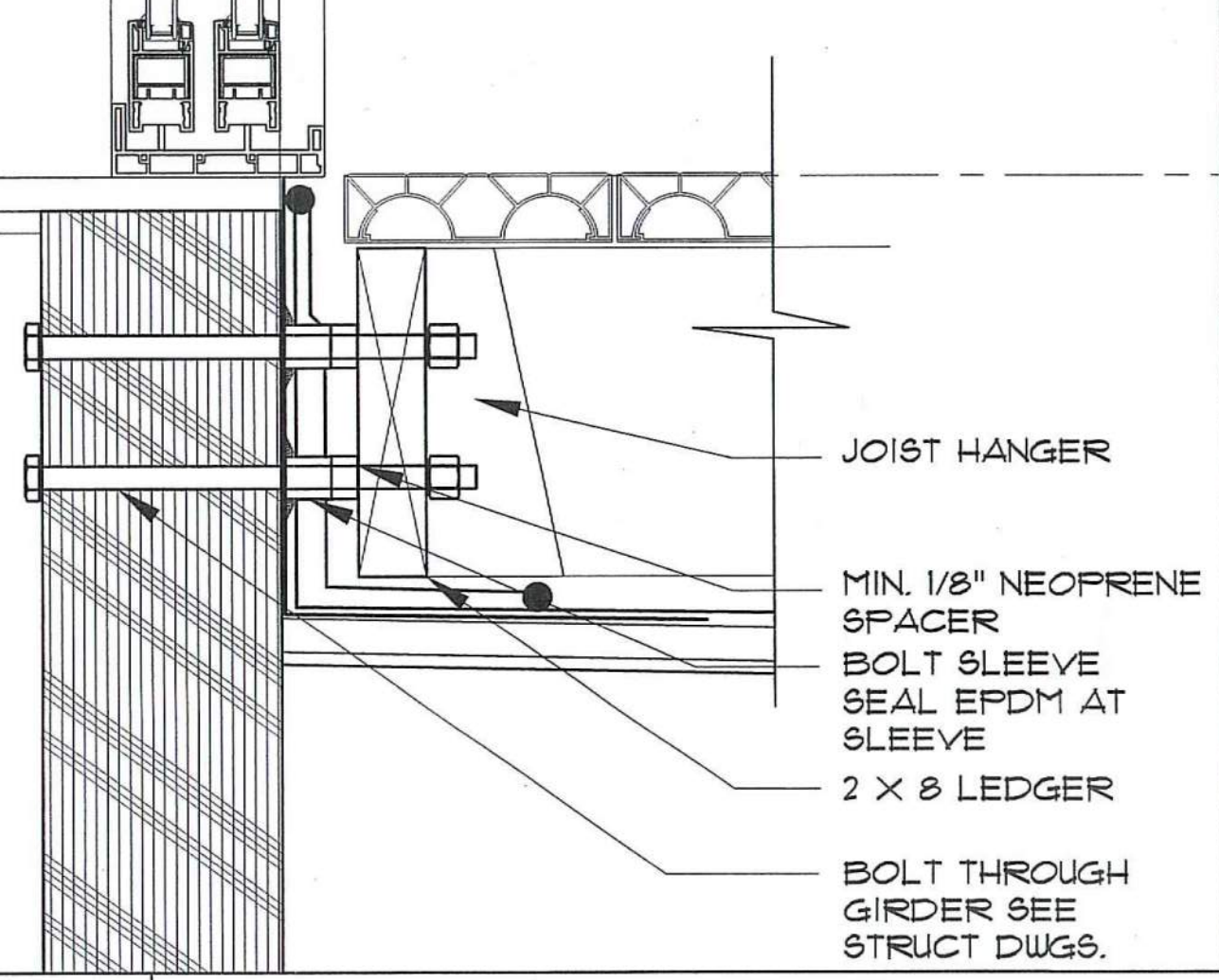
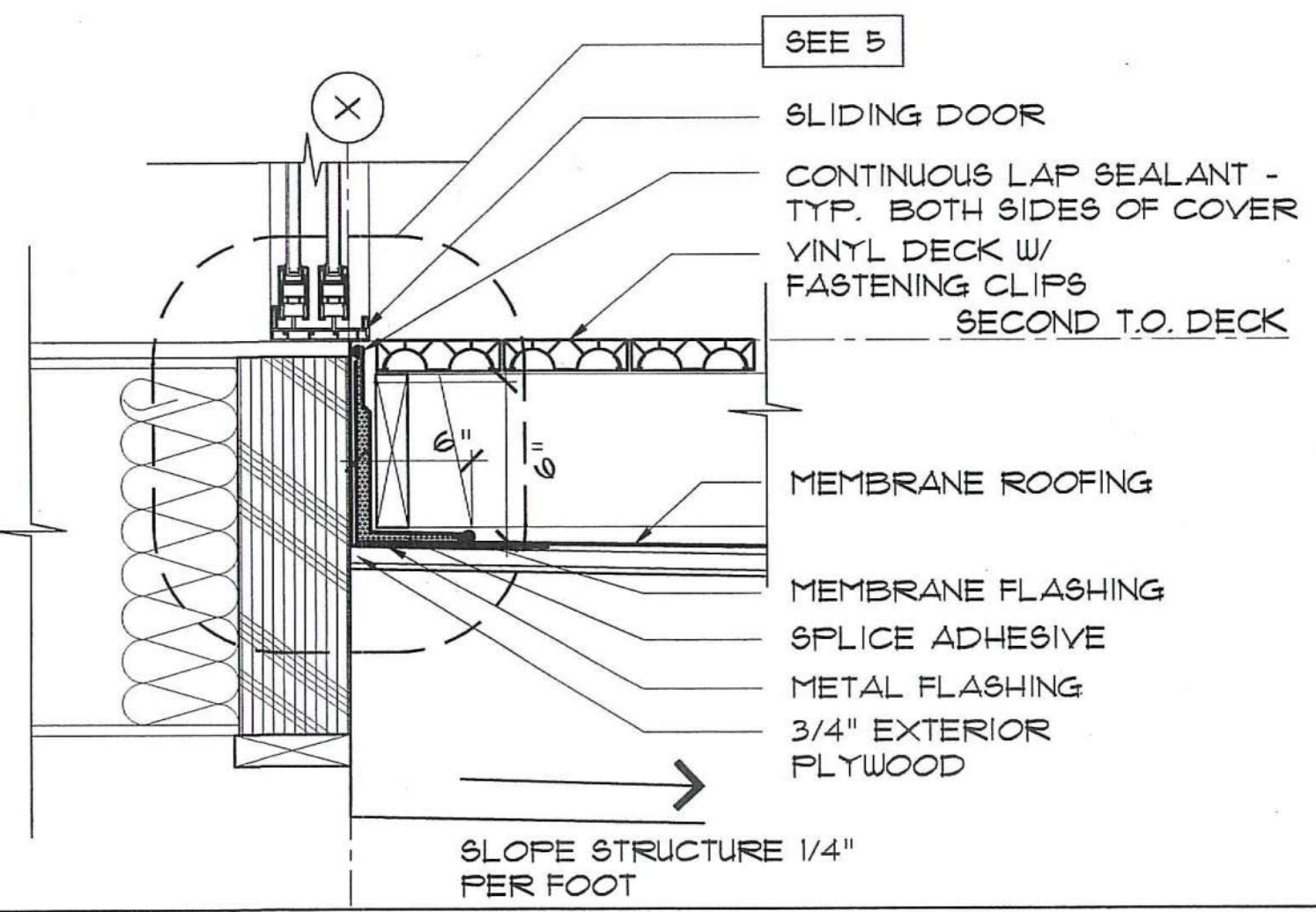
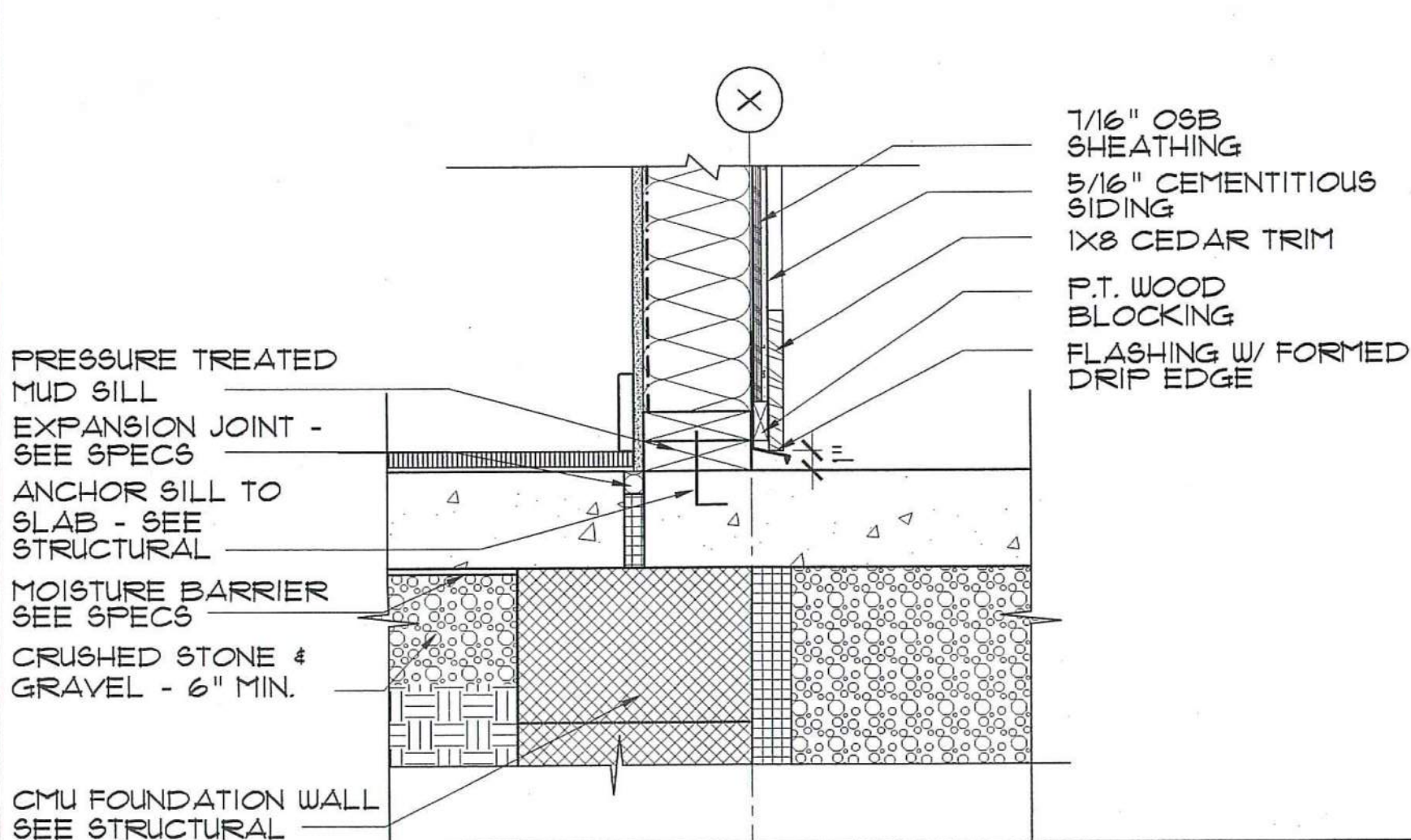


7 TYP. OUTSIDE CORNER
SCALE: 1 1/2" = 1'-0"

8 INSIDE CORNER 1ST FL.
SCALE: 1 1/2" = 1'-0"

9 INSIDE & OUTSIDE CORNERS - 3RD FL.
SCALE: 1 1/2" = 1'-0"

10 STAIR WALL @ EXTERIOR WALL
SCALE: 1 1/2" = 1'-0"

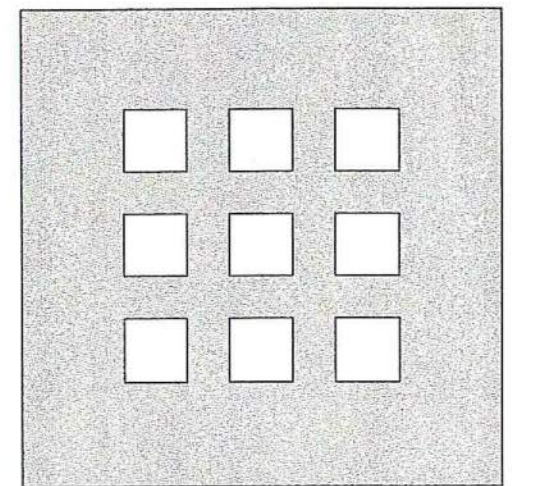
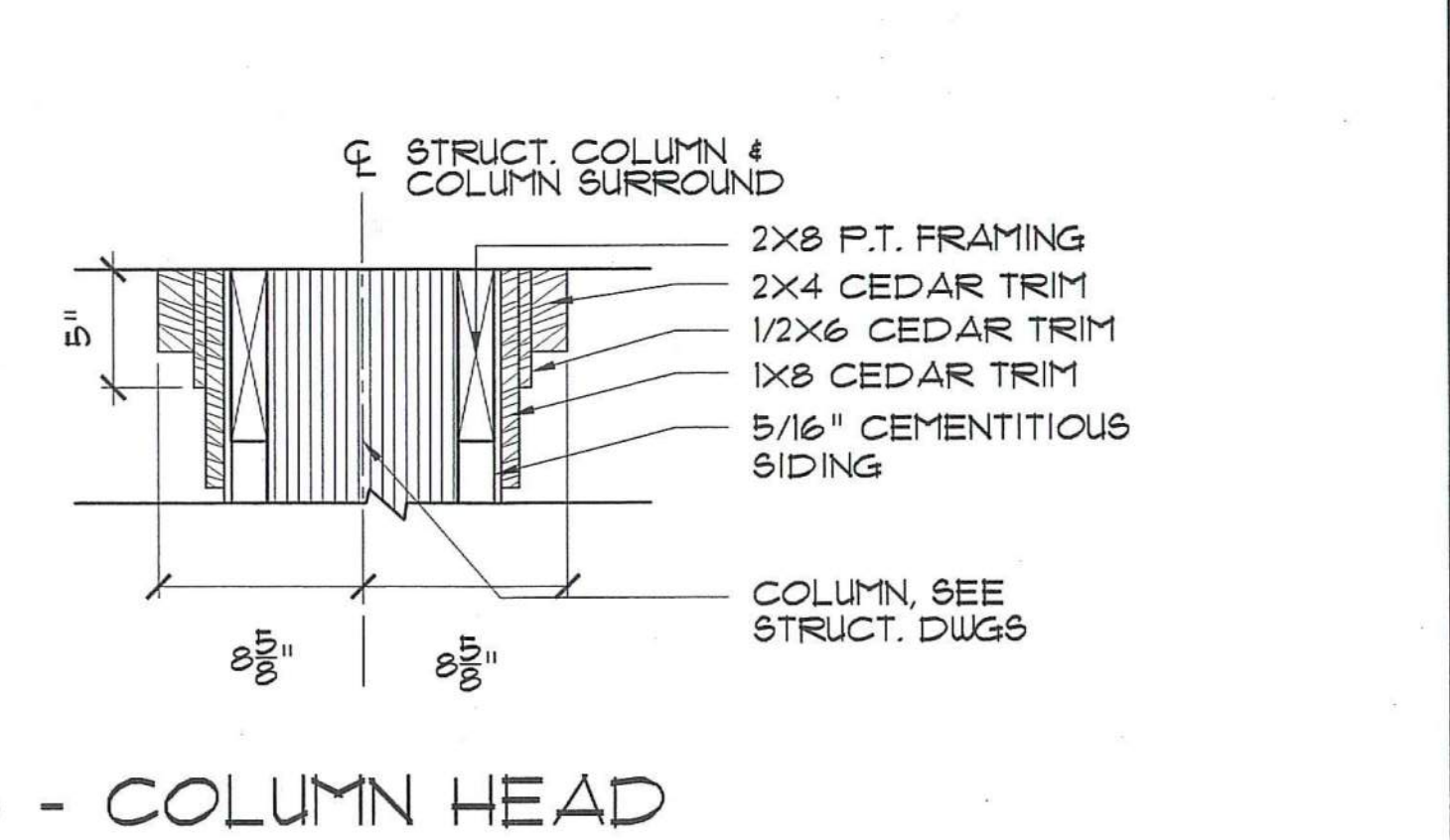
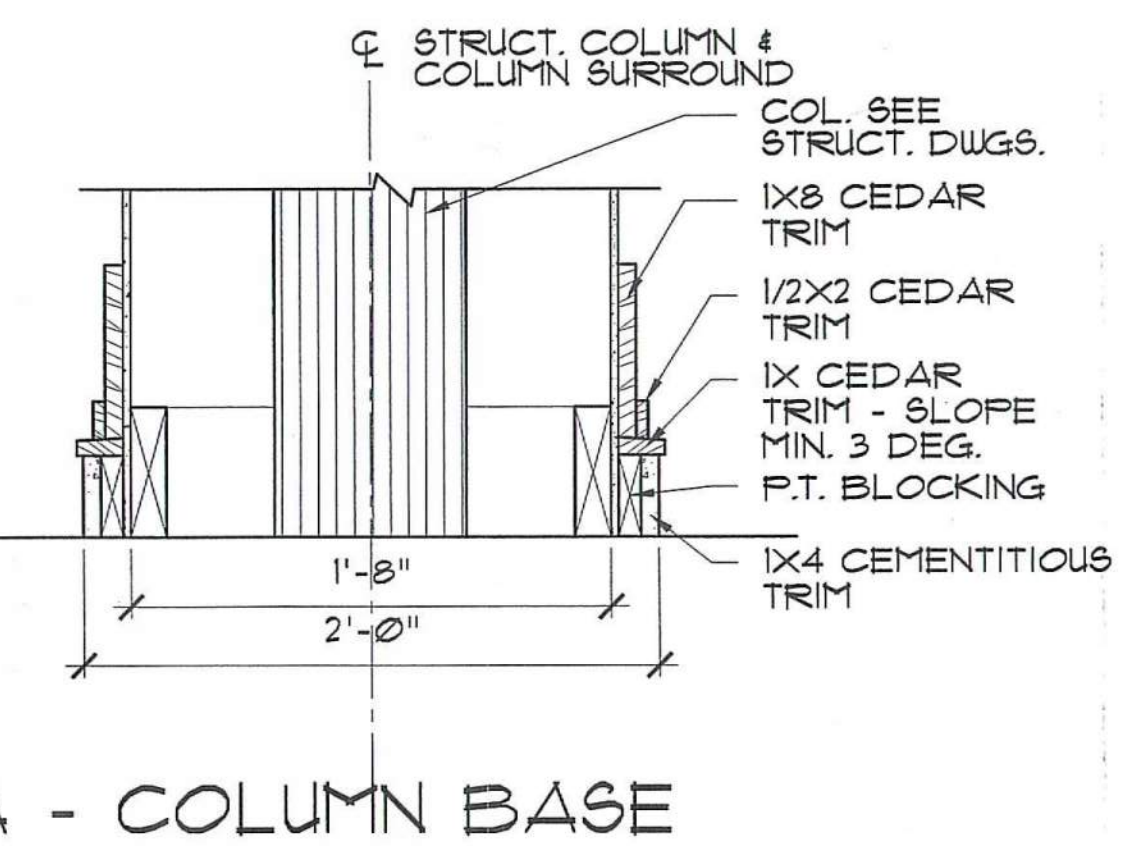
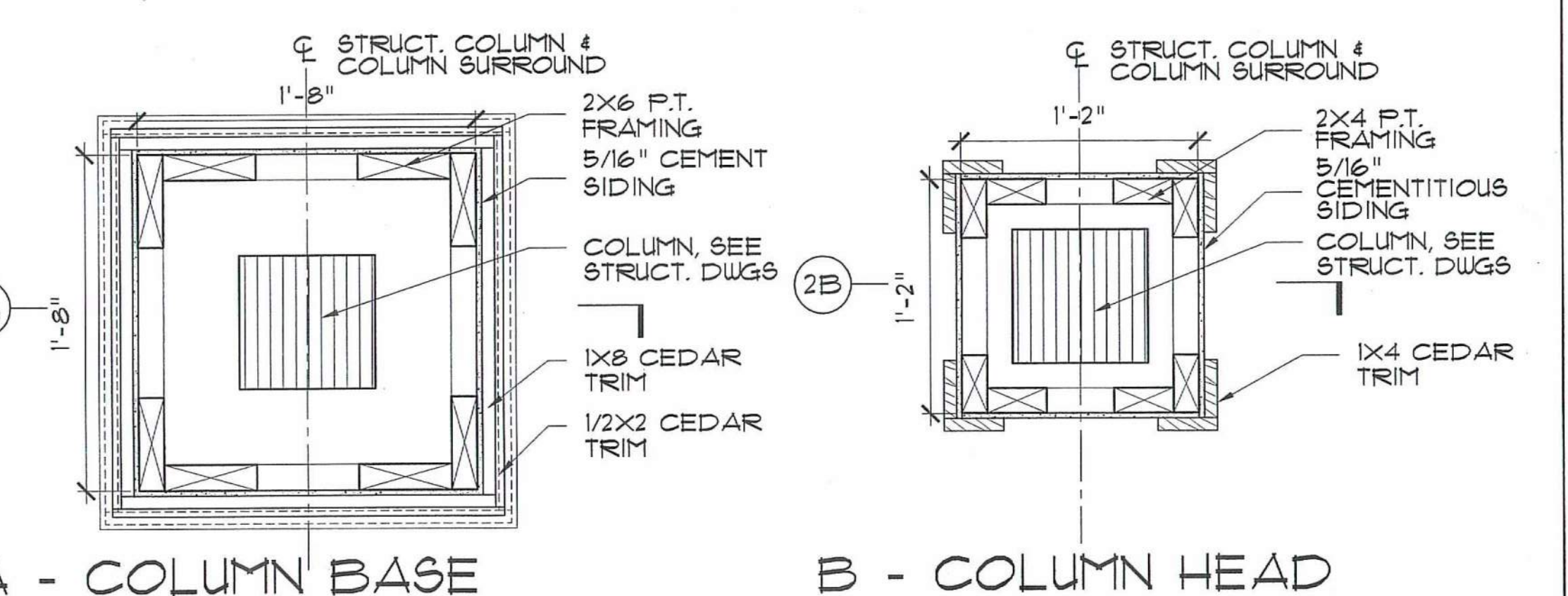
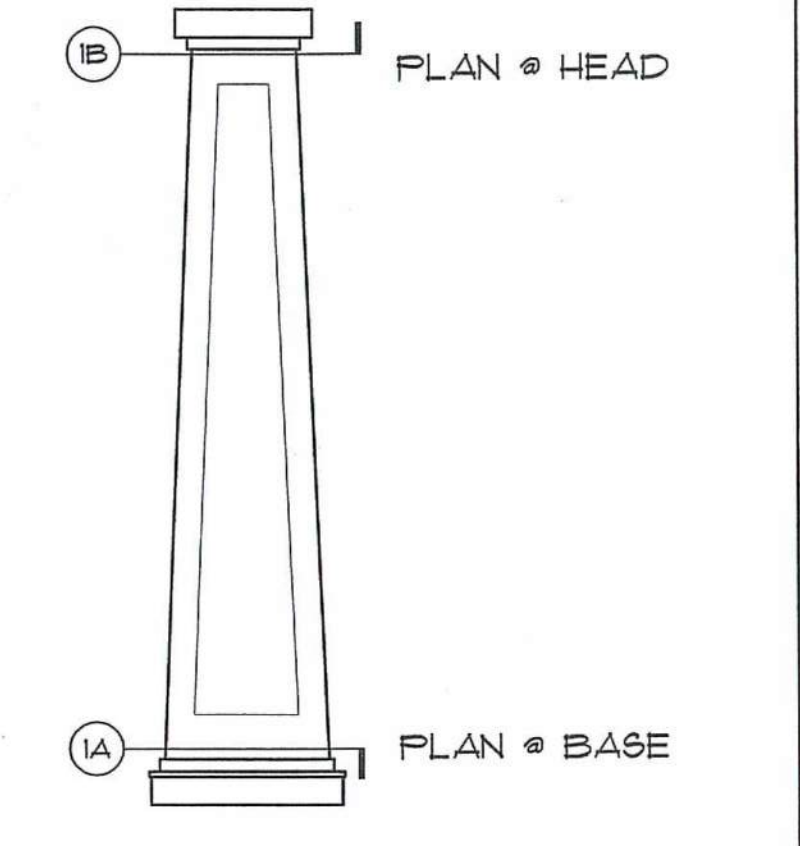


3 DETAIL AT PORCH
SCALE: 1 1/2" = 1'-0"

4 DETAIL AT SECOND FLOOR PORCH SILL
SCALE: 1 1/2" = 1'-0"

5 DECK ATTACHMENT DETAIL
SCALE: 3" = 1'-0"

6 INSIDE CORNER
SCALE: 1 1/2" = 1'-0"



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155 Massachusetts Ave.
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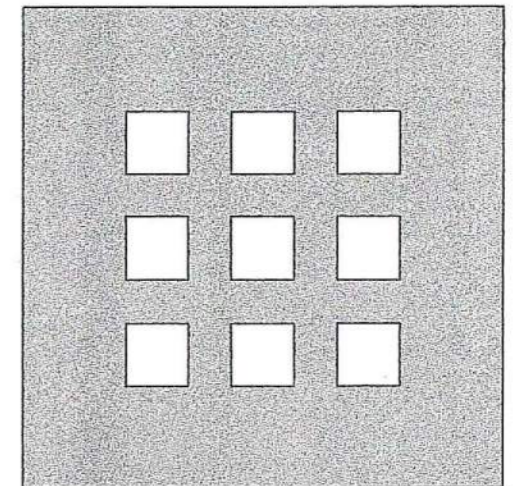
**DAYTON HOPE VI
SENIOR HOUSING**

100% CONSTRUCTION DRAWINGS

EXTERIOR DETAILS

Scale: AS NOTED

File Name: A-DT-EXT.dwg
Drawn By: RB
Checked By: MP
Drawing No.:



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100% CONSTRUCTION DRAWINGS

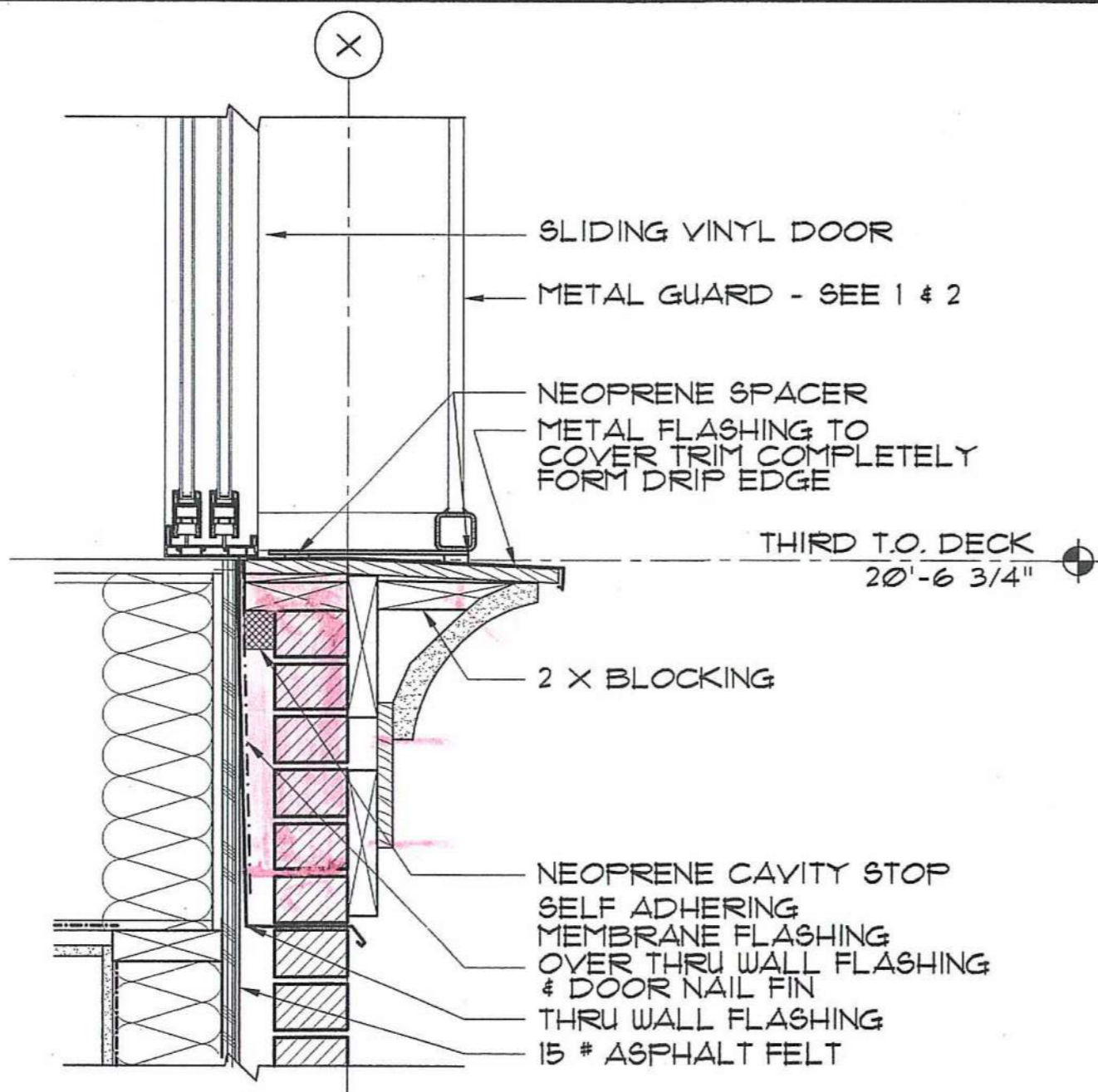
EXTERIOR & INTERIOR DETAILS

Scale: AS NOTED

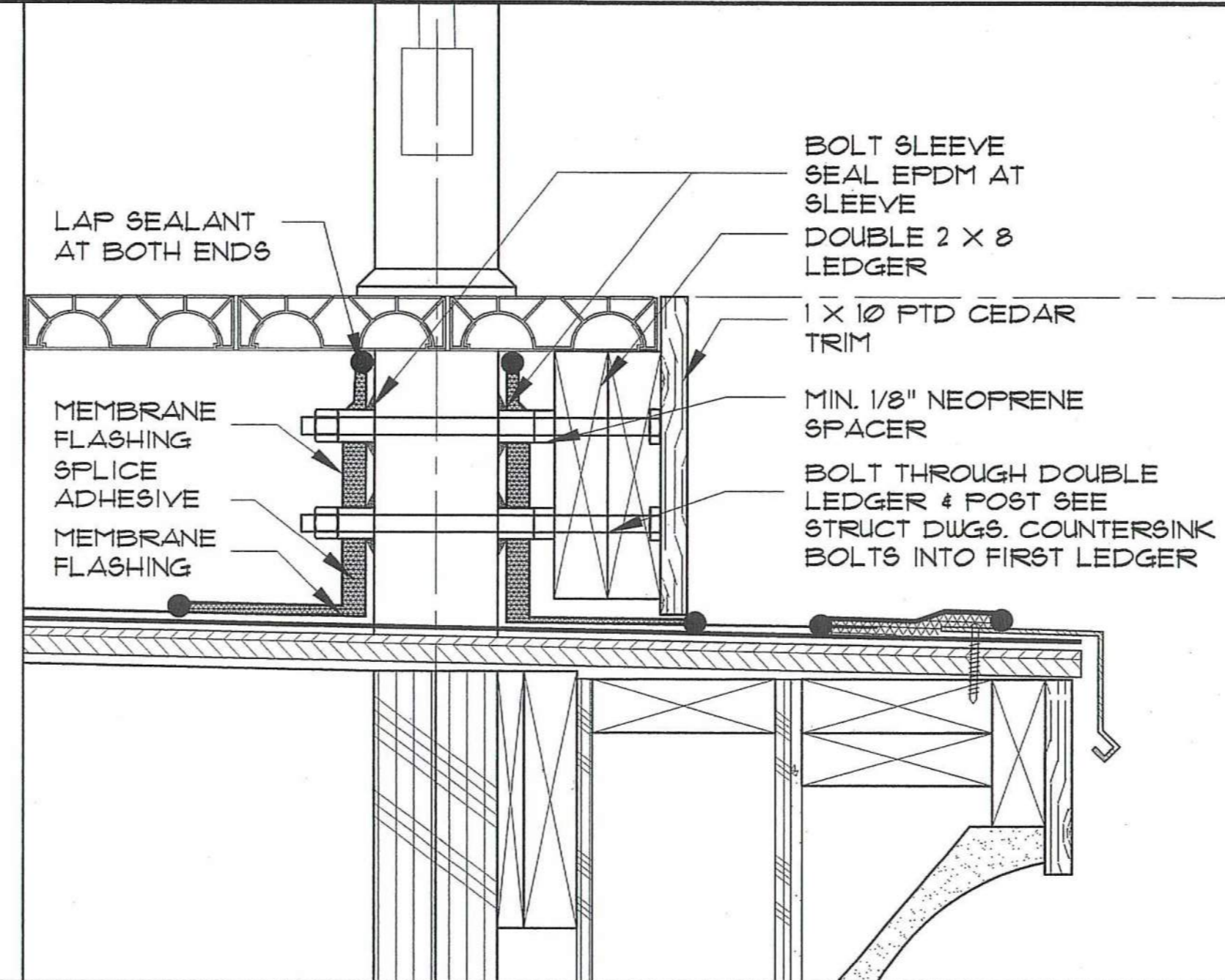
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Job No.: 2101.1
Date: 06-24-02

STATE OF OHIO
FERNANDO J. DOMENECH, JR.
NO. 12827

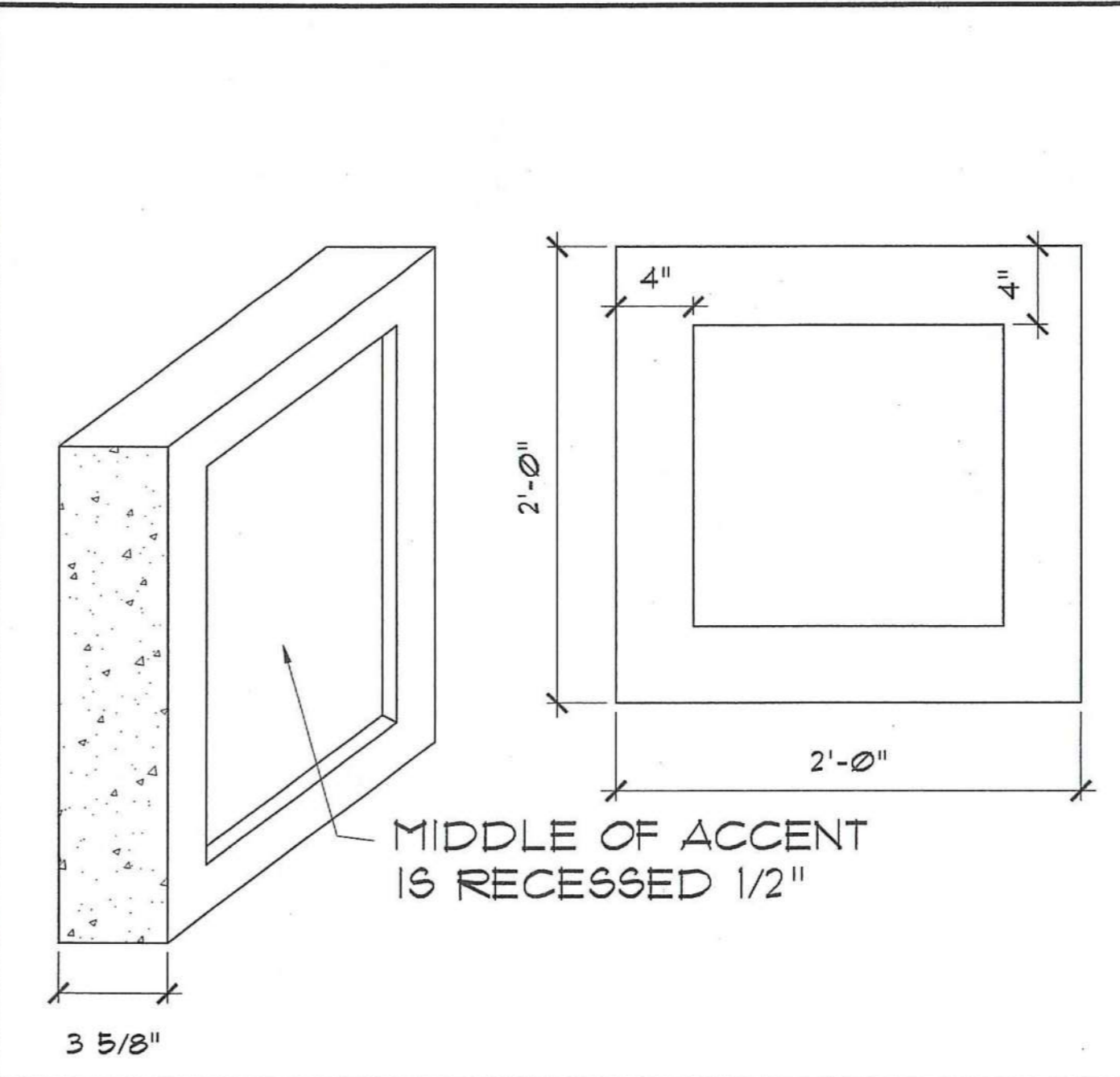
A-7.3



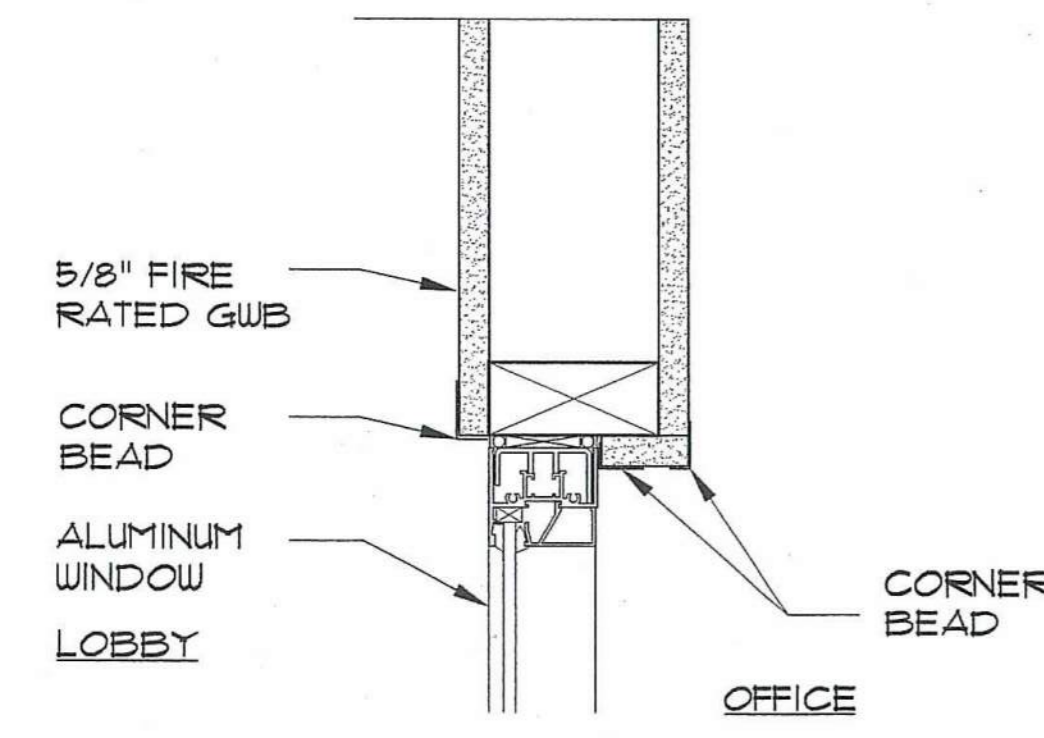
11 METAL GUARD AT DOOR SILL - 3RD FLOOR
SCALE: 1 1/2" = 1'-0"



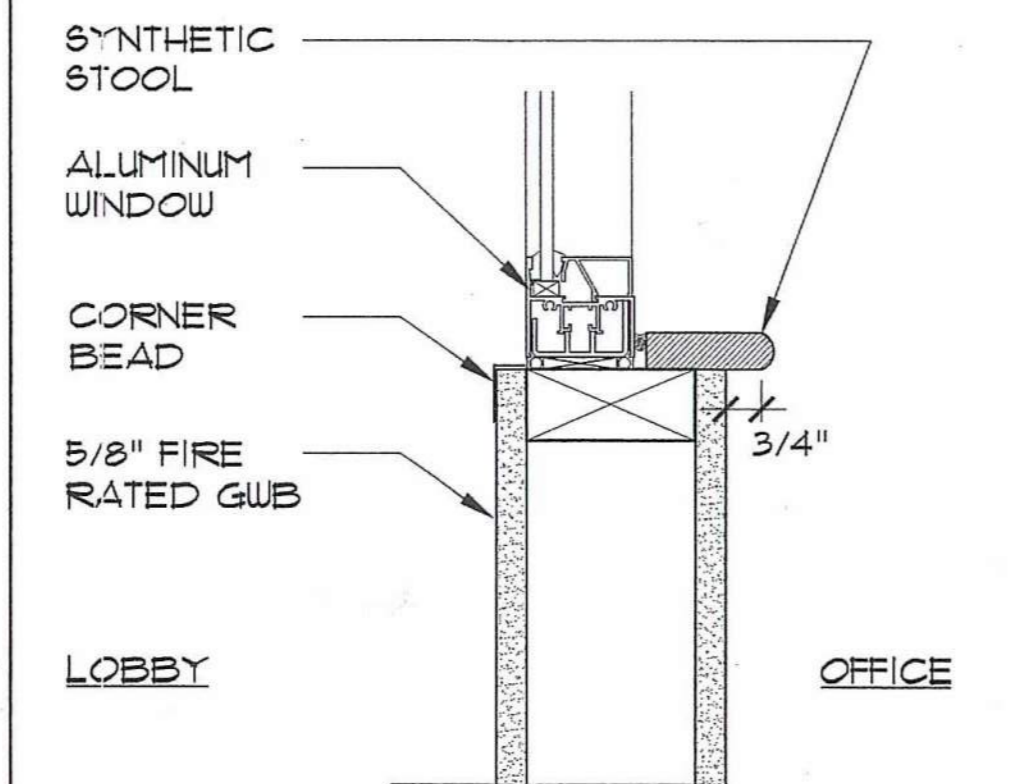
10 DECK POST ATTACHMENT DETAIL
SCALE: 1 1/2" = 1'-0"



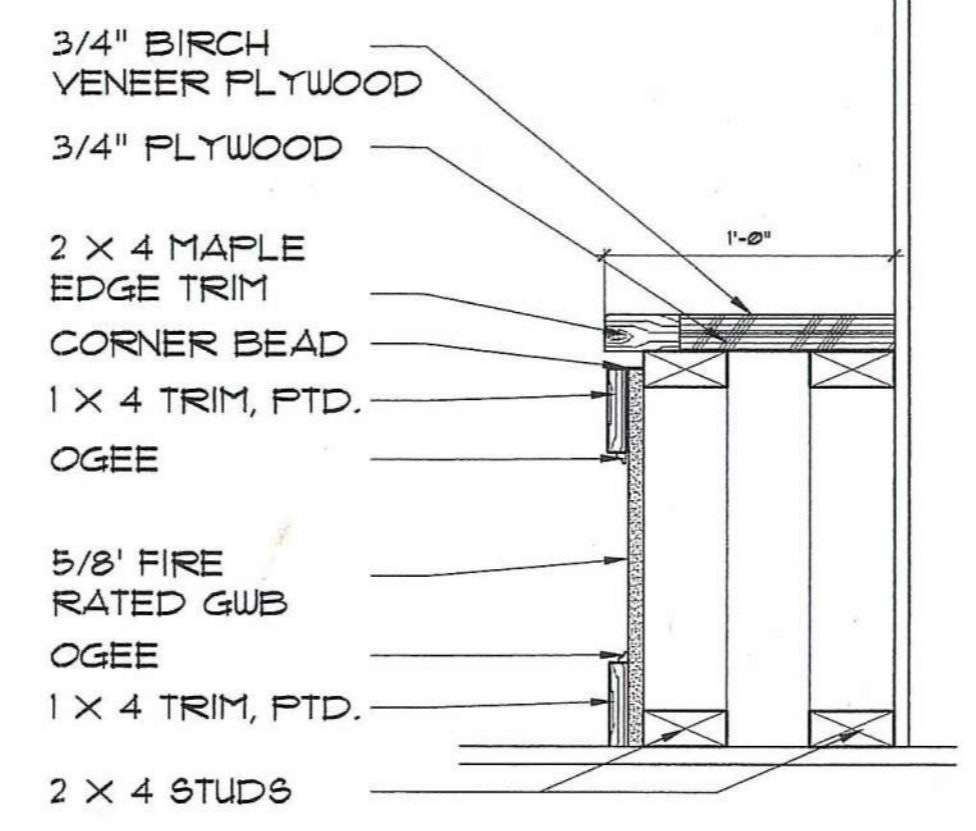
9 PRECAST ACCENT DETAIL
SCALE: 1 1/2" = 1'-0"



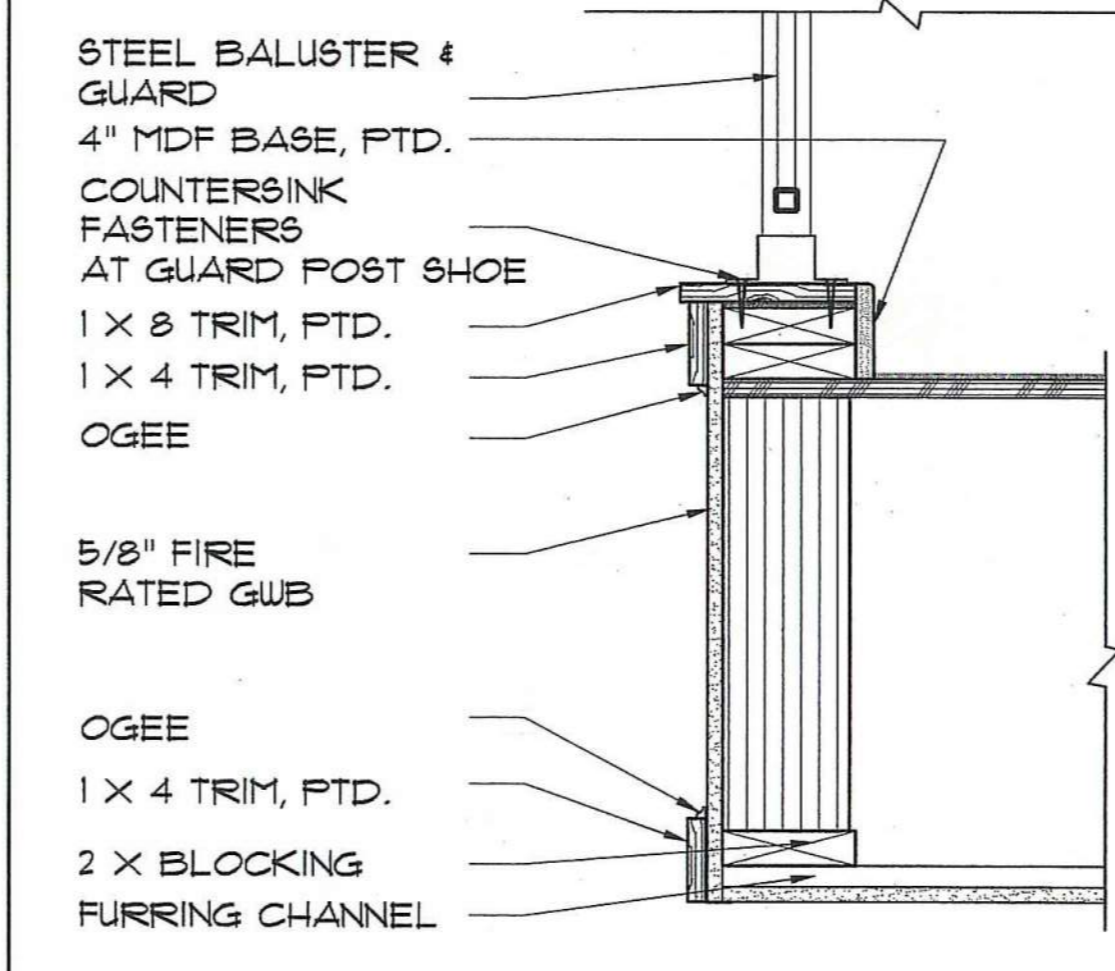
8 VEST. WINDOW - HEAD DETAIL
SCALE: 3" = 1'-0"



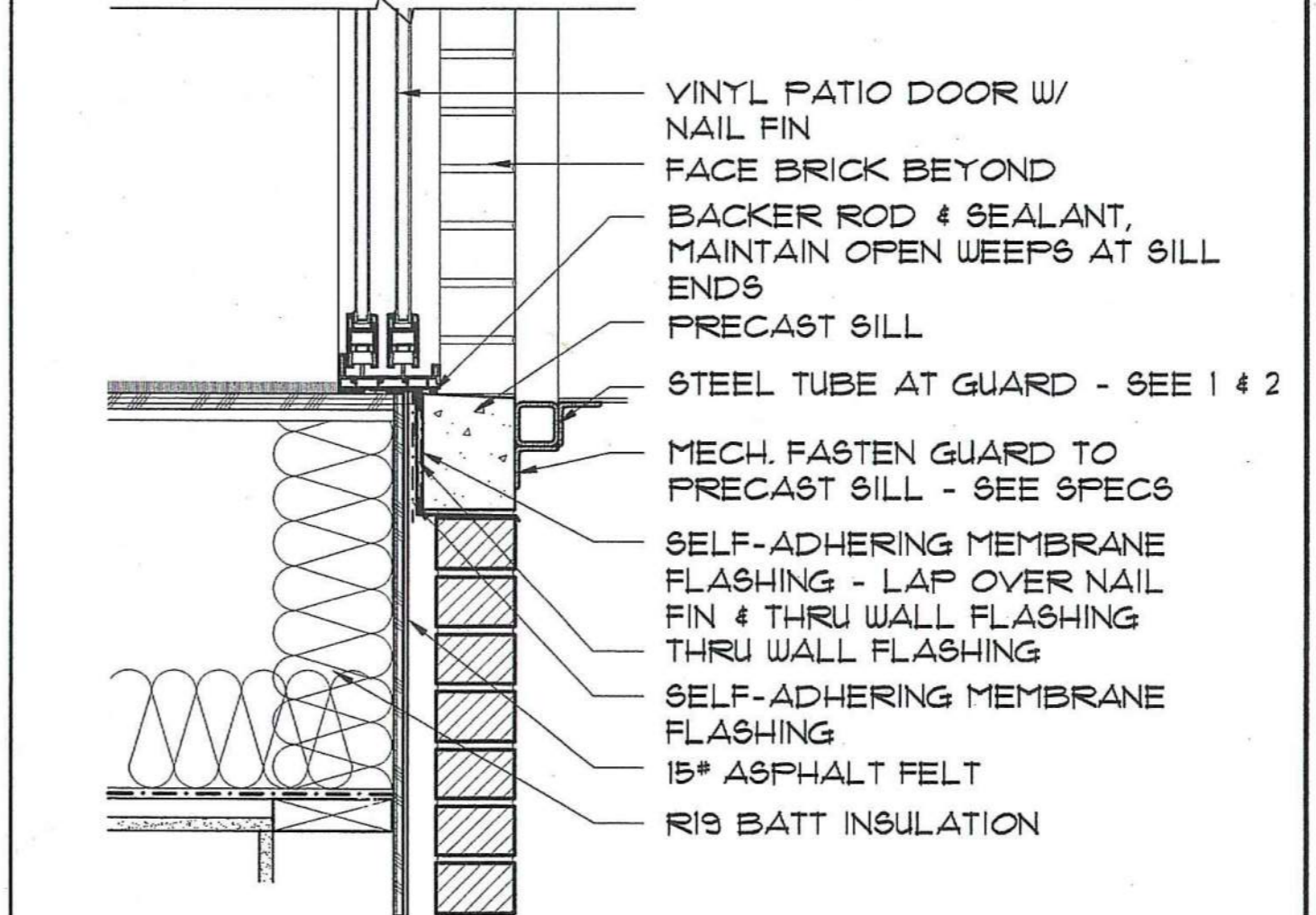
7 VEST. WINDOW - SILL DETAIL
SCALE: 3" = 1'-0"



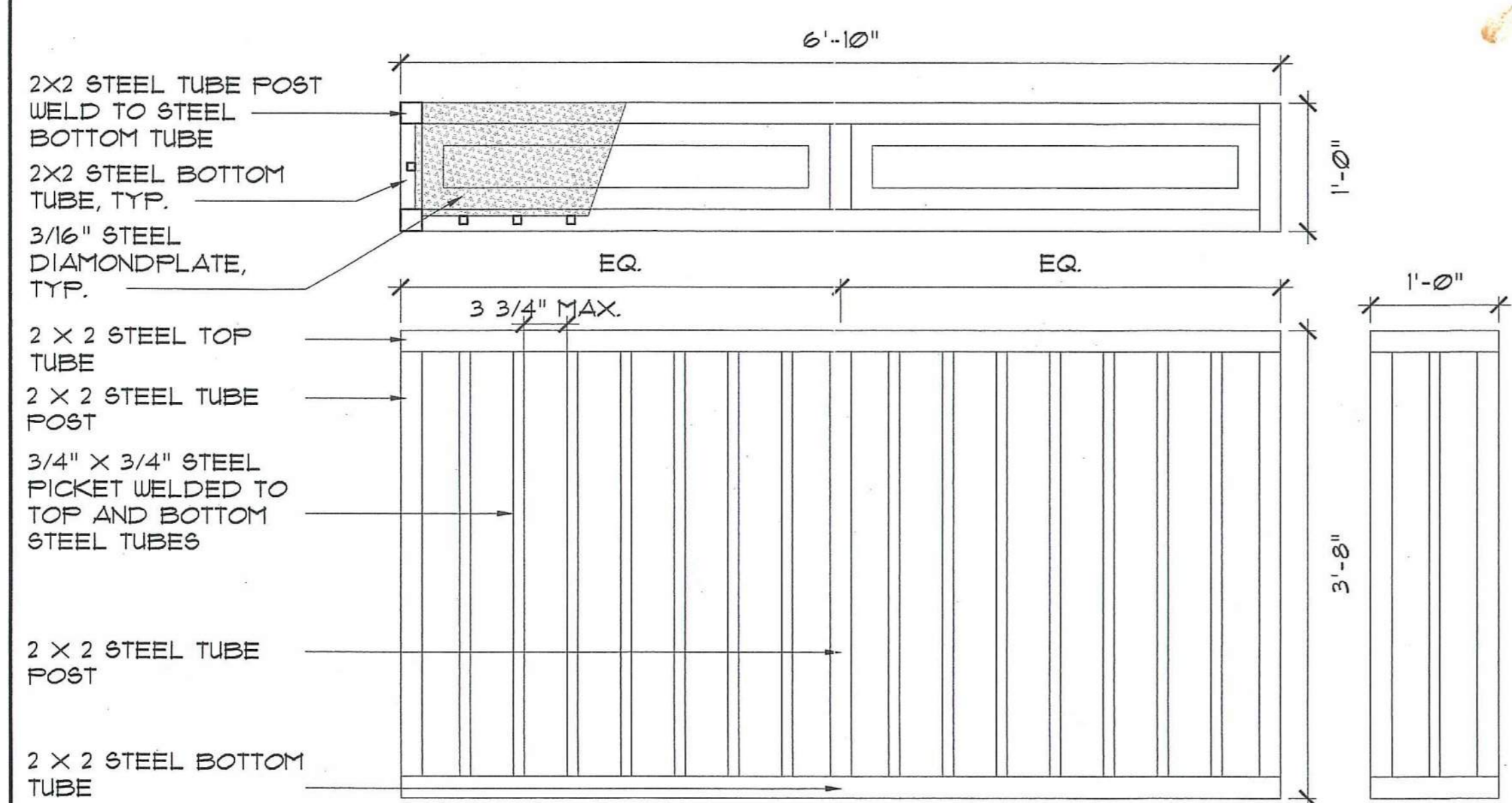
6 WOOD BENCH AT LOBBY
SCALE: 1 1/2" = 1'-0"



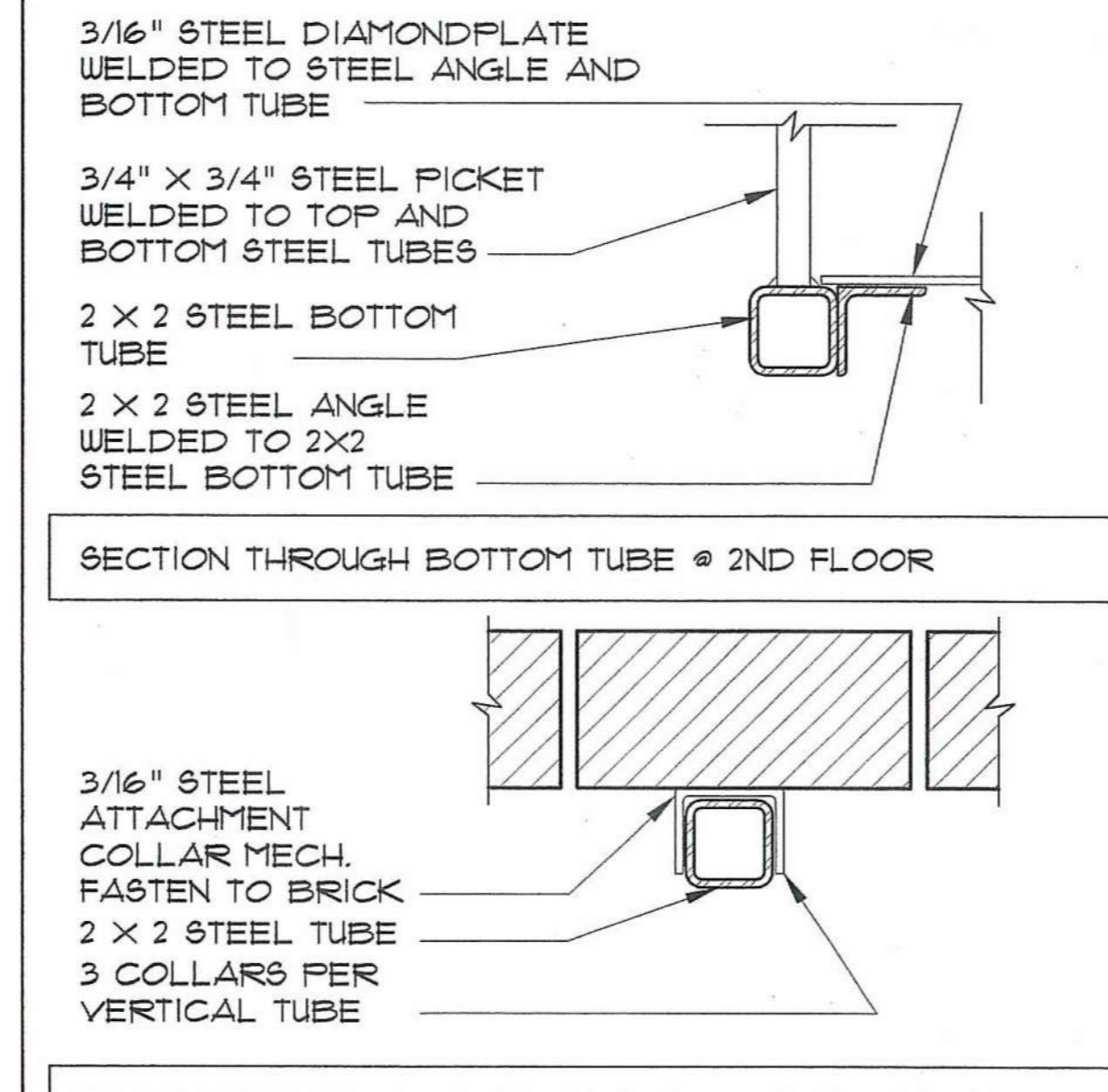
5 METAL GUARD AT LOBBY
SCALE: 1 1/2" = 1'-0"



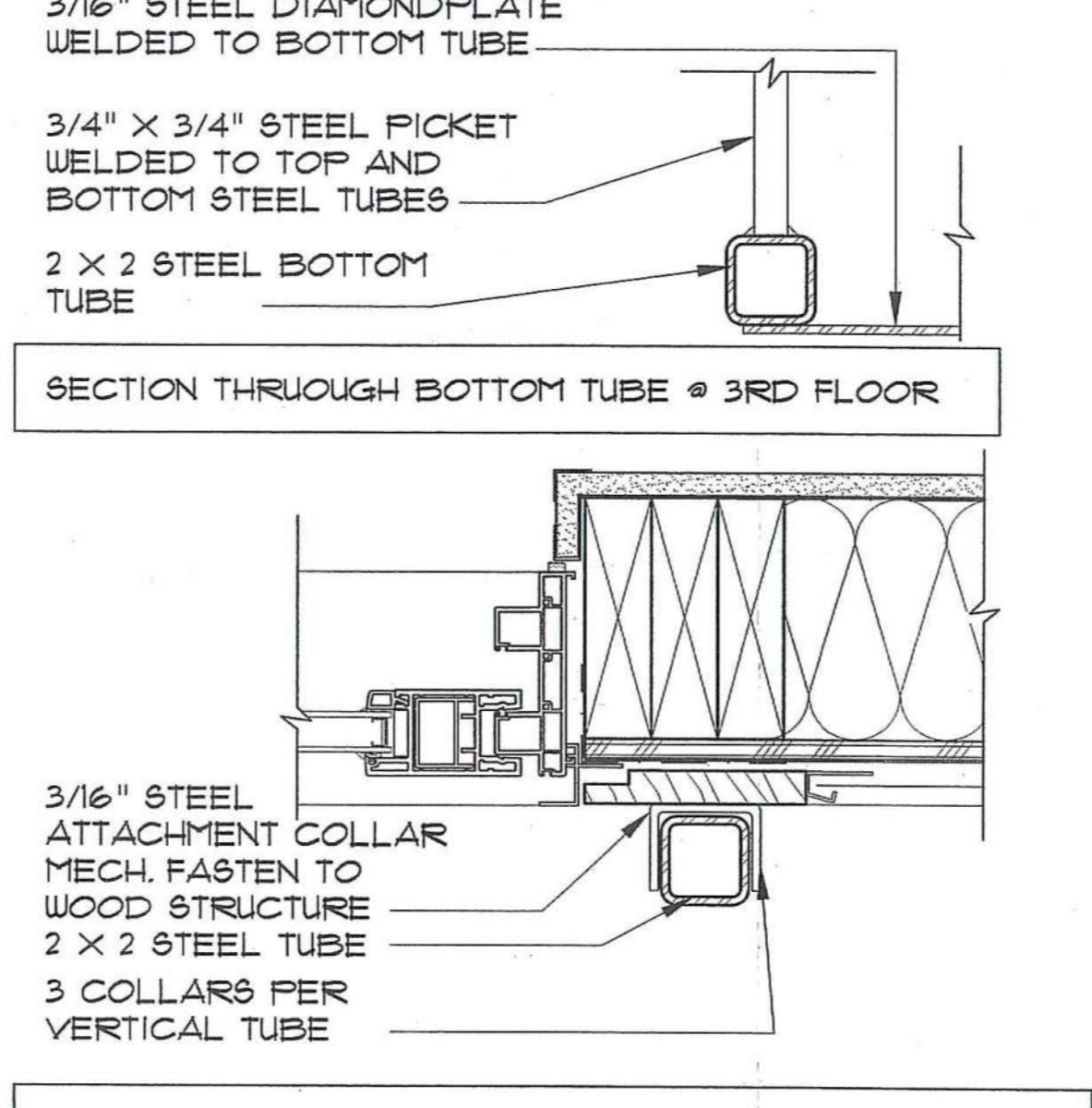
4 METAL GUARD AT DOOR SILL - TYP.
SCALE: 1 1/2" = 1'-0"



1 METAL GUARD PLAN & ELEVATIONS
SCALE: 1" = 1'-0"



2 METAL GUARD ATTACHMENT DETAILS
SCALE: 3" = 1'-0"



3 VINYL RAILING, TYP.
SCALE: 1 1/2" = 1'-0"

GENERAL NOTES

- THE DESIGN IS IN ACCORDANCE WITH THE OHIO STATE BUILDING CODE.
- THE INTENT OF THE STRUCTURAL DRAWINGS IS TO SHOW THE MAIN STRUCTURAL FEATURES AND STRUCTURAL DESIGN FOR THE COMPLETED PROJECT. ARCHITECTURAL DETAILS AND OTHER COMPONENTS THAT MAY BE NECESSARY TO CONSTRUCT THE PROJECT ARE SHOWN INCIDENTALLY ONLY, AND NOT COMPLETELY. THEREFORE, ALL CONTRACT DRAWINGS AND SPECIFICATIONS MUST BE USED IN CONJUNCTION WITH THE STRUCTURAL DRAWINGS DURING ALL PHASES OF CONSTRUCTION.
- THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING, COORDINATING, AND VERIFYING ALL DIMENSIONS.
- THE CONTRACTOR SHALL NOTIFY THE ARCHITECT WHEN, IN THE COURSE OF CONSTRUCTION, CONDITIONS ARE UNCOVERED WHICH ARE UNANTICIPATED OR OTHERWISE APPEAR TO PRESENT A DANGEROUS CONDITION.
- DETAILS SHOWN ARE APPLICABLE TO ALL SIMILAR CONDITIONS.
- IN THE EVENT THAT THERE IS A CONFLICT BETWEEN ANY OF THE CODES OR STANDARDS REFERENCED ON THE CONTRACT DOCUMENTS THE STRICTER OR MORE CONSERVATIVE WILL CONTROL.
- ALL JOISTS SHALL BE EQUALLY SPACED, UNLESS OTHERWISE INDICATED.
- THE STRUCTURAL DESIGN IS BASED ON THE FULL INTERACTION OF ALL ITS COMPONENT PARTS. NO OCCURRING DURING CONSTRUCTION. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO MAKE PROPER AND ADEQUATE PROVISIONS FOR STABILITY OF AND ALL STRESSES TO THE STRUCTURE DUE TO ANY CAUSE DURING CONSTRUCTION.

FOUNDATIONS

- SEE GEOTECHNICAL REPORT FOR THE BORING DATA AND SPECIFIC FOUNDATION CONSTRUCTION REQUIREMENTS.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE TEMPORARY SUPPORT AS NECESSARY DURING EXCAVATION AND UNDERPINNING TO MAINTAIN THE INTEGRITY OF THE ADJACENT EXISTING STRUCTURES AND UTILITIES.
- NO FOUNDATION CONCRETE SHALL BE PLACED IN WATER OR ON FROZEN SUB GRADE MATERIAL.
- BEARING SOIL SHALL BE INSPECTED AND APPROVED BY THE OWNER'S TESTING ENGINEER BEFORE CONSTRUCTING ANY FOOTING AND SLAB ON GRADE.
- THE SOIL BEARING CAPACITY FOR SPREAD FOOTING AND THICKENED SLAB ON GRADE SHALL BE 1.25 TONS/SF (MIN).
- BOTTOM OF FOOTING ELEVATION SHALL BE AS INDICATED, AND DEEPER IF NECESSARY TO OBTAIN A SAFE SOIL BEARING CAPACITY OF 1.25 TONS/SF.
- CONCRETE FOUNDATION WALL SHALL BE CAST IN ALTERNATE PANELS NOT EXCEEDING 40'-0" IN LENGTH.
- SAND & GRAVEL BASE COURSE AND EACH LAYER OF BACK FILL OF FILL MATERIAL SHALL BE COMPACTED TO A MINIMUM 95% MODIFIED PROCTOR DENSITY IN ACCORDANCE WITH THE SPECIFICATION, AND TESTED BY OWNER'S TESTING ENGINEERS.
- SONO-TUBE FOUNDATIONS SHALL BEAR 2"-8" (MIN) INTO UNDISTURBED SOIL.

REINFORCED CONCRETE

- ALL STRUCTURAL CONCRETE SHALL BE NORMAL WEIGHT, STONE AGGREGATE, AND SHALL DEVELOP THE COMPRESSIVE STRENGTH $f_c = 3000$ PSI AT 28 DAYS. (CONCRETE TESTING BY OWNER, SEE SPECIFICATIONS)
- REINFORCING BARS SHALL CONFORM TO ASTM A615 WITH 60,000 PSI YIELD STRENGTH, AS INDICATED AND SHALL HAVE THE CONCRETE COVER IN ACCORDANCE WITH ACI 318. (BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE)
- PROVIDE A MINIMUM OF TEMPERATURE REINFORCEMENT IN ALL CONCRETE SLABS AND WALLS IN ACCORDANCE WITH ACI 318 UNLESS OTHERWISE NOTED ON THE DRAWINGS.
- MINIMUM ANCHORAGE AND SPLICE REQUIREMENTS FOR REINFORCING BARS SHALL BE IN ACCORDANCE WITH ACI 318.
- DETAILING OF REINFORCEMENT SHALL BE ACCORDING TO THE LATEST EDITION OF ACI 315 "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES".
- NOT ALL OPENINGS THROUGH CONCRETE SLABS AND WALLS ARE SHOWN ON STRUCTURAL DRAWINGS. OPENINGS INDICATED OR ANY ADDITIONAL OPENINGS OR SLEEVES/INSERTS REQUIRED MUST BE VERIFIED WITH RESPECTIVE TRADES BEFORE POURING OF CONCRETE.
- SEE ARCHITECTURAL DRAWINGS FOR FINISHES, DEPRESSIONS, REGLETS, NOTCHES AND OTHER ARCHITECTURAL FEATURES.

WOOD

- ALL FRAMING WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE REQUIREMENT OF THE OHIO STATE BUILDING CODE.
- ALL STRUCTURAL LUMBER SHALL CONFORM TO THE LATEST EDITION OF THE AFPA "NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION" AND SUPPLEMENT "DESIGN VALUES FOR WOOD CONSTRUCTION".
- ALL WALLS AND MISCELLANEOUS FRAMING SHALL BE DRESSED FOUR SIDES (S4S) SPRUCE-PINE-FIR NO. 2 (UNLESS NOTED OTHERWISE) (KD-19) 19% MAX. MOISTURE CONTENT ($F_b = 875$ PSI) OR APPROVED EQUAL.
- "LVL" - INDICATES LAMINATED VENEER LUMBER WITH ALLOWABLE STRESS ($F_b = 3080$ PSI, $F_v = 285$ PSI, $E = 2.0 \times 10^6$ PSI, $F_c = 900$ PSI, AND $F_p = 500$ PSI OR APPROVED EQUAL SIZES INDICATED ARE ACTUAL SIZES.
- DO NOT CUT, NOTCH OR DRILL HOLES IN LVL BEAMS.
- STUDS SHALL BE "DOUBLED" UP ADJACENT TO OPENINGS, TYPICAL UNLESS OTHERWISE NOTED.
- ALL SILLS AND WOOD IN CONTACT WITH CONCRETE SHALL BE PRESERVATIVE PRESSURE TREATED SOUTHERN PINE NO. 2 OR BETTER.
- PROVIDE LIGHT GAGE STEEL HANGERS AT ALL JOISTS AND BEAM CONNECTIONS TO BE FLUSH FRAMED.
- LIGHT GAGE FRAMING HANGER CONNECTORS SHALL BE OF SIZE, TYPE AND MATERIAL TO MEET ICBO APPROVAL FOR INDICATED DESIGN LOADS.
- NAILING SHALL CONFORM TO THE REQUIREMENTS OF THE OHIO STATE BUILDING CODE TABLE 2305.2 (CHAPTER 23).
- ROOF DIAPHRAGM SHALL BE APA RATED SHEATHING, EXPOSURE, 7/16" C-DX STR I PLYWOOD WITH 8d NAILS AT 6" O.C. AT EDGES AND 8" O.C. AT INTERMEDIATE SUPPORTS. PROVIDE SPACER CLIPS AROUND ALL PANELS. GLUE ALONG T&G SEAMS. ORIENTED STRAND BOARD WITH EQUIVALENT PROPERTIES AND RATINGS MAY BE SUBSTITUTED FOR PLYWOOD SHEATHING.
- FLOOR DIAPHRAGM SHALL BE APA RATED, 3/4" C-D INT-STR I PLYWOOD TONGUE AND GROOVE WITH 8d NAILS 6" O.C. AT EDGES AND 8" O.C. AT INTERMEDIATE SUPPORTS. GLUE ALONG T&G SEAMS. ORIENTED STRAND BOARD WITH EQUIVALENT PROPERTIES AND RATINGS MAY BE SUBSTITUTED FOR PLYWOOD SHEATHING.

- EXTERIOR WALL SHEATHING SHALL BE APA RATED EXTERIOR SHEATHING, 7/16" PLYWOOD WITH 8d NAILS 6" O.C. AT EDGES AND 12" O.C. AT INTERMEDIATE SUPPORTS U.N.O. USE 8d NAILS 4" O.C. AT EDGES FOR FIRST STORY OF THE UNITS (FRONT AND BACK WALLS ONLY). ORIENTED STRAND BOARD WITH EQUIVALENT PROPERTIES & RATINGS MAY BE SUBSTITUTED FOR PLYWOOD SHEATHING.
- ALL PLYWOOD SHALL HAVE STAGGERED JOINTS AND ALL NAILS SHALL BE THREADED.
- FRAMING CONTRACTOR SHALL IDENTIFY THE CROWN FOR ALL LUMBER AND INSTALL WITH THE CROWN SIDE UP.
- NOT ALL WOOD MEMBERS OR STUD WALLS ARE SHOWN ON THE STRUCTURAL DRAWINGS. GC SHALL COORDINATE ALL DRAWINGS TO DETERMINE THE GEOMETRY REQUIRED AND SIZE ALL MISCELLANEOUS PIECES AS NECESSARY TO COMPLETE THE JOB, INCLUDING LEDGER BEAMS AND MISCELLANEOUS BLOCKING.
- ALL STUD WALLS SHALL BE INTERCONNECTED SO AS TO COMPLY WITH SECTION 2305.10 OF THE OHIO STATE BUILDING CODE.
- ALL EXTERIOR WALLS AND INTERIOR DEMISING WALLS SHALL BE CONSIDERED BRACED WALLS AND SHALL BE CONSTRUCTED SO AS TO MEET THE REQUIREMENTS OF OHIO STATE BUILDING CODE SECTION 2305.8, 2305.9, 2305.10.
- ALL EXPOSED EXTERIOR FRAMING FOR DECK, RAMPS, STAIRS ETC. SHALL BE PRESERVATIVE PRESSURE TREATED SOUTHERN PINE NO. 2 OR BETTER.
- ALIGN THE POSTS @ ALL LEVELS, AND PROVIDE SOLID BLOCKING (@ FLOOR JOISTS) FOR FULL BEARING OF POSTS FROM ABOVE TO BEARING BELOW.
- ROOF FRAMING SYSTEM AND ITS ELEMENTS INCLUDING CONNECTIONS SHALL BE DESIGNED FOR 10 PSF NET UPLIFT DUE TO WIND LOADS. REDUCTION DUE TO DEAD LOADS ALREADY INCLUDED.
- SHEATHING INSTALLATION FOR BRACED WALLS: ALL VERTICAL JOINTS OF THE PANEL SHEATHING (WOOD OR GWB) SHALL OCCUR OVER STUDS, AND ALL HORIZONTAL JOINTS SHALL OCCUR OVER BLOCKING AT LEAST EQUAL IN SIZE TO STUDS.
- ROOF TRUSS SHOP DRAWINGS: PRIOR TO THE FABRICATION OF TRUSSES, THE CONTRACTOR SHALL SUBMIT SHOP DWGS FOR APPROVAL BY THE OWNER'S REPRESENTATIVE. SHOP DRAWINGS WILL INCLUDE DESIGN CALCULATIONS, ERECTION DWGS, MEMBER SIZES, CONNECTION DETAILS AND SHALL BE STAMPED AND SIGNED BY PROFESSIONAL ENGINEER REGISTERED IN STATE OF OHIO.

- FIRE BLOCKING: INSTALL FIRE BLOCKING HORIZONTALLY @ THE MIDDLE OF THE WALL. BLOCKING SHALL BE AT LEAST EQUAL TO THE SIZE OF WALL STUDS. FIRE BLOCKING SHALL BE PROVIDED IN ALL WALLS, AS REQUIRED BY THE OHIO STATE BUILDING CODE.

- ORIENTED STRAND BOARD WITH EQUIVALENT PROPERTIES & RATINGS MAY BE SUBSTITUTED FOR PLYWOOD SHEATHING.

- OPEN WEB WOOD TRUSSES SHALL BE AS MANUFACTURED BY TRUSS JOIST (OR APPROVED EQUAL) AND SHALL HAVE THE FOLLOWING PROPERTIES:

MATERIALS: CHORD MEMBERS SHALL BE MICROLAM LAMINATED VENEER LUMBER (LVL) OR MACHINE STRESS RATED (MSR) STRUCTURAL SAWN DIMENSIONAL LUMBER. WEB MEMBERS SHALL BE DIE STAMPED FROM ELECTRONICALLY WELDED, COLD ROLLED STEEL TUBING HAVING A MINIMUM YIELD STRENGTH OF 45,000 PSI. CONNECTION PINS AND BEARING HARDWARE SHALL BE OF MATERIAL AND SIZE AS REQUIRED BY DESIGN.

MICROLAM LVL CHORD MATERIAL GRADE 2.0E:

• ALLOWABLE UNIT STRESSES AS APPROVED BY APPLICABLE CODE AGENCY.

TRUSS FABRICATION TOLERANCES:

• LENGTH, BEARING TO BEARING:	AS SPECIFIED; ±1/8"	• CAMBER:	SPECIFIED	TOLERANCE
• DEPTH:	AS SPECIFIED; ±1/16"		$\leq 7/8"$	±1/8"
			$7/8" < C < 2"$	±3/16"
			$\geq 2"$	±1/4"

PRODUCT WARRANTY: TRUSS JOIST SHALL WARRANT THAT ITS PRODUCT WILL BE FREE FROM MANUFACTURING ERRORS OR DEFECTS IN WORKMANSHIP AND MATERIAL. IN ADDITION, PROVIDED THE PRODUCT IS CORRECTLY INSTALLED AND USED, THE COMPANY WARRANTS THE ADEQUACY OF ITS DESIGN FOR THE NORMAL AND EXPECTED LIFE OF THE BUILDING.

CODE APPROVALS: THE PRODUCTS SPECIFIED ON THESE PLANS HAVE BEEN DESIGNED IN ACCORDANCE WITH ONE OR MORE OF THE FOLLOWING: NER 148, ICBO PFC-4354, LA CITY RESEARCH REPORT RR22614.

GYPHUM WALL BOARD (GWB) - DEMISING WALLS

- DEMISING WALLS WITH 5/8" GWB ON EACH SIDE OF THE WOOD STUDS ACT AS SHEAR WALLS AND WILL MEET ALL THE REQUIREMENTS OF THE OHIO STATE BLDG CODE (CHAPTER 25).
- ALL STUDS, TOP & BOTTOM PLATES AND BLOCKING SHALL BE NAILED IN ACCORDANCE WITH THE TABLE 2502.1 (REF: OHIO STATE BLDG CODE) 6D COOLER NAILS @ 4" OC (TYP).

DESIGN LOAD

- IN ADDITION TO THE BUILDING DEAD LOADS, THE VARIOUS PORTIONS OF THE STRUCTURE ARE DESIGN TO CARRY THE FOLLOWING NORMAL GRAVITY LIVE LOADS-(FLOOR DL SHALL INCLUDE A 20 PSF ALLOWANCE FOR PARTITIONS).

FIRST LEVEL, MECH & STORAGE AREA	125 PSF
DECK	100 PSF
CORRIDORS AND PUBLIC AREA	100 PSF
ATTICS AND BOTTOM CHORD OF ROOF TRUSSES	20 PSF
ALL OTHER AREAS	40 PSF

- SNOW LOAD: $P_f = 17.5$ PSF PLUS DRIFTS

- WIND LOAD: BASIC VELOCITY PRESSURE 18.5 PSF

STRUCTURAL STEEL AND STEEL DECK

- ALL STRUCTURAL STEEL WORK SHALL CONFORM TO THE "SPECIFICATIONS FOR DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS" OF AMERICAN INSTITUTE OF STEEL CONSTRUCTION.

- THE STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING:

- STRUCTURAL TUBES: ASTM A500, GRADE B
- MISCELLANEOUS BARS, PLATES AND CONNECTING ANGLES, UNLESS NOTED OTHERWISE: ASTM A36.

- ALL WELDING SHALL BE IN ACCORDANCE WITH THE AWS D1.1, STRUCTURAL WELDING CODE.

- EACH WELDER, TACKER AND WELDING OPERATOR MUST BE CERTIFIED BY TEST WITHIN THE PAST YEAR TO PERFORM THE TYPE OF WORK REQUIRED IN CONFORMANCE WITH THE AWS D1.1, STRUCTURAL WELDING CODE.

- FURNISH AND INSTALL ONE HARDENED WASHER AND ONE HEAVY HEX NUT WITH ALL STRUCTURAL CONNECTION BOLTS AND ANCHOR BOLTS, UNLESS OTHERWISE INDICATED ON THE DRAWINGS.

- ALL COLUMN ENDS SHALL BE MILLED AND FABRICATED IN ACCORDANCE WITH AISC RECOMMENDATIONS.

- CONTRACTOR SHALL PROVIDE ALL NECESSARY TEMPORARY GUYING SHORING AND BRACING REQUIRED TO ERECT AND HOLD FRAMING FOR WIND AND CONSTRUCTION

- ALL WELDING ELECTRODES SHALL BE E70XX.

- PROVIDE ANCHOR BOLTS, SETTING PLATES AND EMBEDDED PLATES TO BE SET BY OTHERS.

- PROVIDE 1/8" THICK LEVELING PLATES FOR USE IN ALIGNING AND SETTING ANCHOR BOLTS AND BASE PLATES.

- THE CONTRACTOR SHALL SUPPLY ALL MISCELLANEOUS ANGLE BRACKETS AND CONNECTIONS FOR SUPPORT OF NEW ELEVATOR RAILS.

CONCRETE MASONRY UNIT NOTES:

- WORK FOR HOLLOW, CONCRETE MASONRY CONSTRUCTION SHALL CONFORM TO NATIONAL CONCRETE MASONRY ASSOCIATION'S (NCMA) "SPECIFICATIONS FOR THE DESIGN AND CONSTRUCTION OF LOAD BEARING CONCRETE MASONRY".

- CONCRETE MASONRY UNITS (C.M.U.) SHALL CONFORM TO THE REQUIREMENTS OF ASTM SPECIFICATION C90 FOR CLASSIFICATION GRADE N-1.

- COMPRESSIVE STRENGTH FOR COMPLETED SOLID GROUTED CONCRETE MASONRY SHALL MEET OR EXCEED $F'_m = 1500$ PSI, PARTIALLY GROUTED WALLS SHALL MEET OR EXCEED $F'_m = 1350$ PSI.

- PROVIDE MINIMUM REINFORCING IN ACCORDANCE WITH NOTE NO. 7 AND THE TYPICAL DETAILS.

- GROUT FOR REINFORCED C.M.U. WALLS SHALL CONFORM TO ASTM SPECIFICATION C476 AND SHALL HAVE MINIMUM 28 DAY COMPRESSIVE STRENGTH AT LEAST EQUAL TO THE COMPRESSIVE STRENGTH OF THE C.M.U.

- CORES AND BOND BEAMS WITH REINFORCING SHALL BE FILLED SOLIDLY WITH GROUT. FILLING SUCH CORES AND BOND BEAMS WITH MORTAR IS STRICTLY PROHIBITED. IN ADDITION, CARE SHALL BE EXERCISED IN KEEPING CORES FREE FROM MORTAR DROPPINGS.

- REINFORCING REQUIREMENTS FOR REINFORCED C.M.U. WALLS SHALL CONFORM TO THE FOLLOWING:

- ALL C.M.U. WALLS (U.N.O.)-
VERTICAL REINFORCING = #4@16 OC
HORIZONTAL REINFORCING = NO. 9 GAUGE TRUSS TYPE REINFORCING @ 16" O.C.
BOND BEAMS = 2-#5 CONTINUOUS @ 8"-0" O.C.

- GROUT SHALL BE PLACED USING LOW LIFT GROUTING PROCEDURES CONFORMING TO NCMA. THE MAXIMUM GROUT LIFT SHALL NOT EXCEED 4'-8". TERMINATE GROUT POURS 1-1/2" BELOW TOP COURSE OF POUR. REINFORCING SHALL BE SPLICED A MINIMUM OF 3'-0"

- REINFORCING SHALL CONFORM TO ASTM SPECIFICATIONS A615, GRADE 60.

- VERTICAL AND HORIZONTAL REINFORCING SHALL BE SECURELY HELD.

LEGEND

J1, J2, J3	.....	OPEN WEB WOOD TRUSS (TJ) OR WOOD JOIST (2X)
G1, G2, G3	.....	LVL GIRDER DESIGNATIONS
W1, W2, W3	.....	WOOD WALL DESIGNATIONS
CU	.....	COLUMN UP
CD	.....	COLUMN DOWN
C1, C2	.....	WOOD COLUMN DESIGNATION

FLOOR JOIST SCHEDULE

TYPE	SIZE
J1	16" TJW @ 16" OC
J2	16" TJW @ 24" OC
J3	16" TJL @ 24" OC
J4	2x10 @ 16" OC
J5	2x10 @ 12" OC
J6	2x8 @ 16" OC (PRESS TREATED)

NOTE:

SEE NOTE 26 FOR ALL TJ MEMBERS.

STUD WALL SCHEDULE

WALL TYPE	STUD SIZE	REMARK
W1	2x4 @ 16" OC	
W2	2-2x4 @ 16" OC	
W3	2x6 @ 16" OC	TYP AT EXTERIOR WALL
W4	2x6 @ 12" OC	

NOTE:

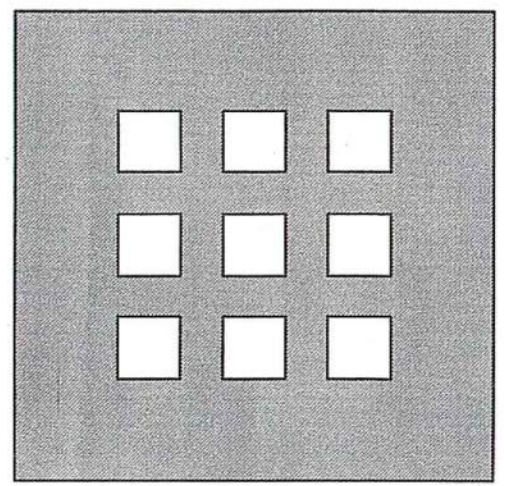
ALL WALLS SHALL HAVE ONE CONTINUOUS SOLE PLATE AND TWO CONTINUOUS TOP PLATES, UNO.

LVL GIRDERS (D Fir Fb = 3080 psi)

TYPE	SIZE
G1	3 1/2" x 11 7/8"
G2	5 1/4" x 18"
G3	7" x 18"
G4	5 1/4" x 9 1/2"
G5	5 1/4" x 16"
G6	5 1/4" x 11 7/8"
G7	2- 3 1/2" x 7 1/4"
G8	7" x 16"
G9	3 1/2" x 9 1/2"

TS COLUMN SCHEDULE

TYPE	SIZE
C1	TS6x6x1/4
C2	TS5x5x1/4
C3	TS5x5x1/4
C4	TS5x5x1/4
C5	TS5x5x1/4
C6	TS5x5x1/4
C7	TS3 1/2 x 3 1/2 x 1/4
C8	TS3 1/2 x 3 1/2 x 1/4
C9	2- TS3 1/2 x 3 1/2 x 1/4
C10	2- TS3 1/2 x 3 1/2 x 1/4



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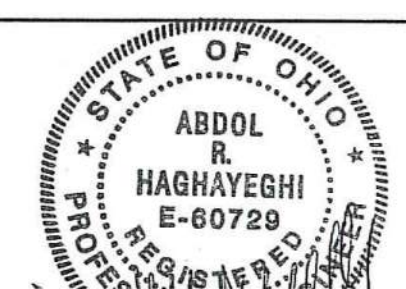
4324 WEBSTER STREET
DAYTON, OHIO 45414

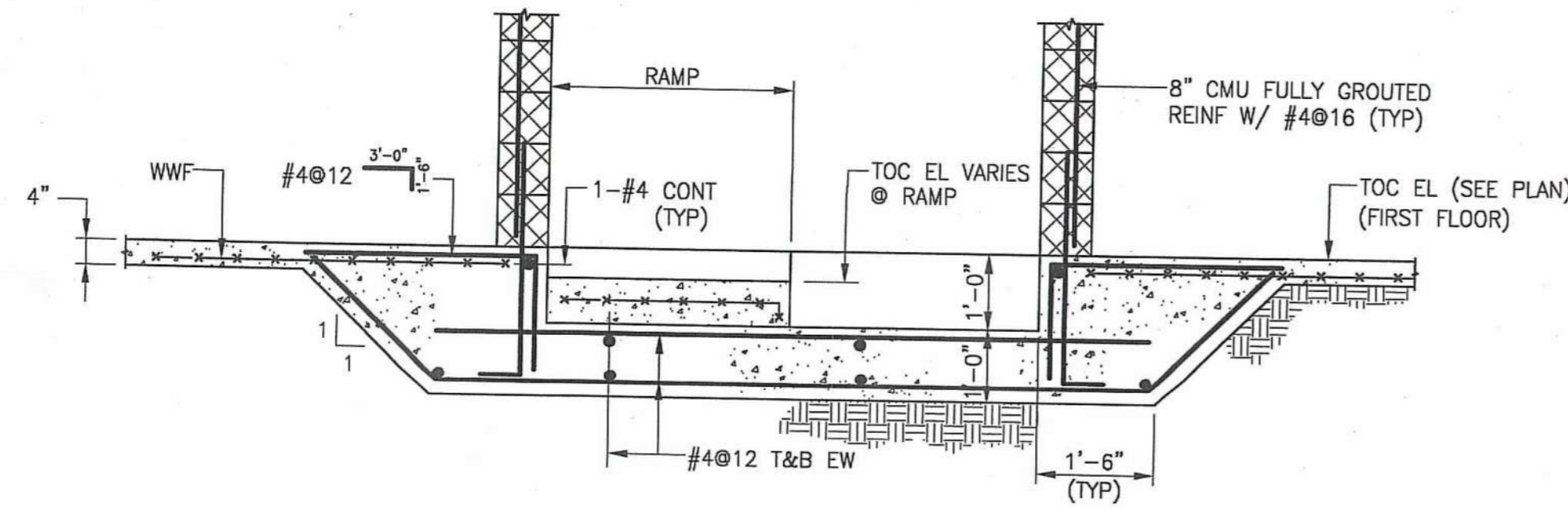
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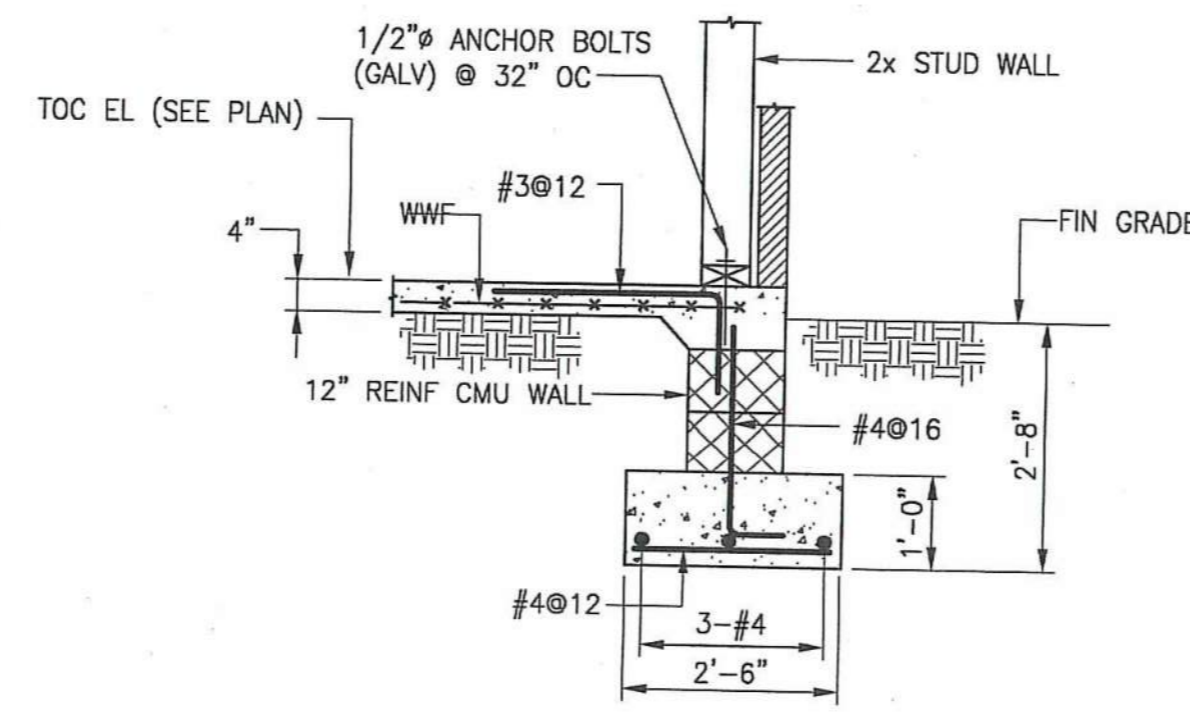
GENERAL NOTES

Scale AS NOTED



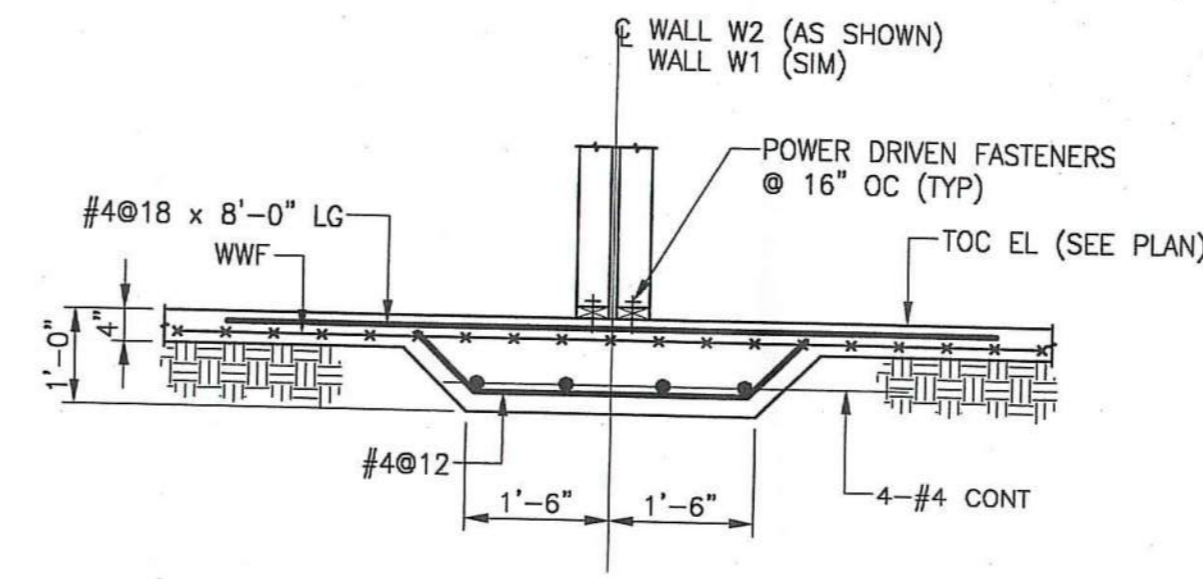


SECTION 1
SCALE: 1/2" = 1'-0"



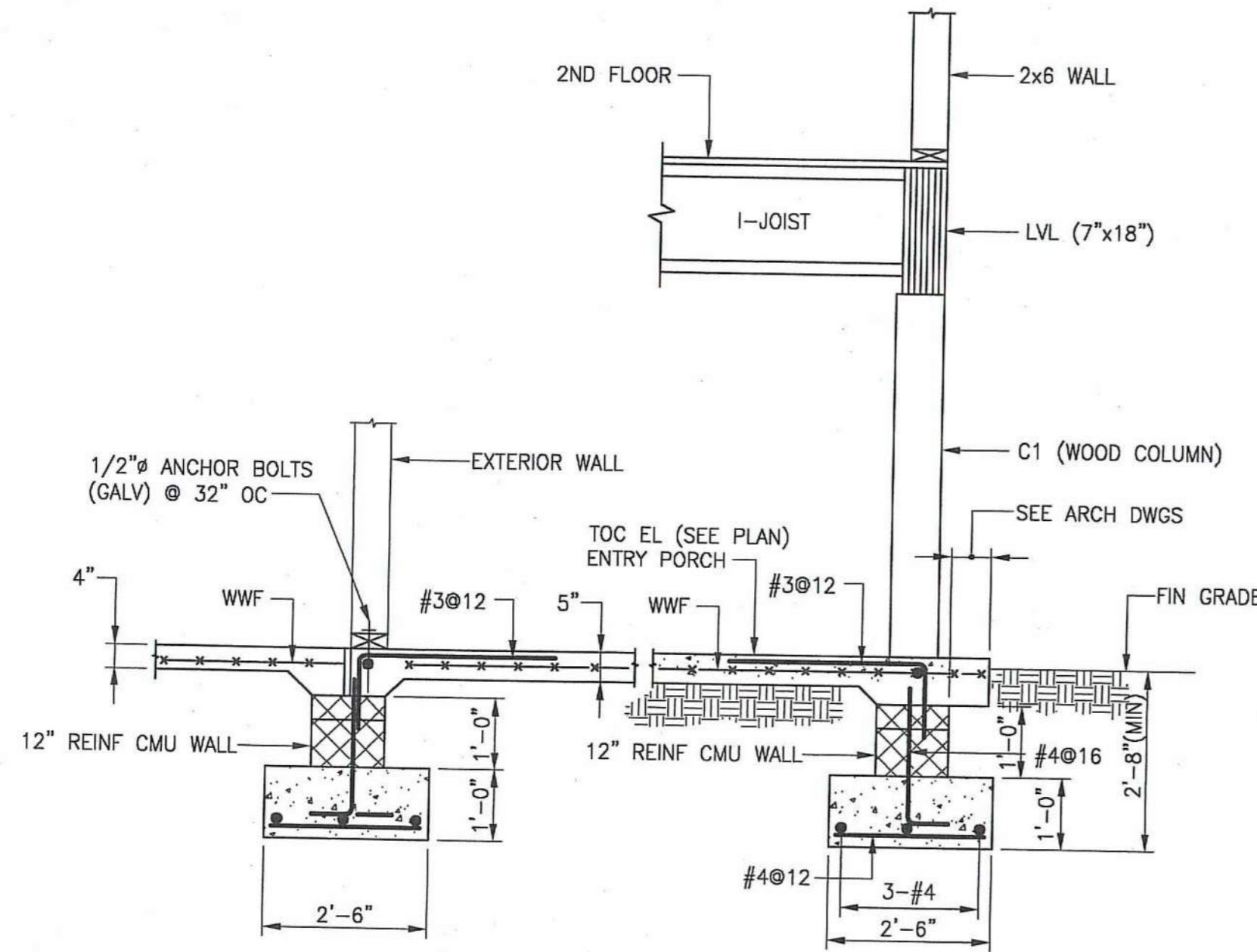
TYP EXTERIOR WALL FOOTING

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

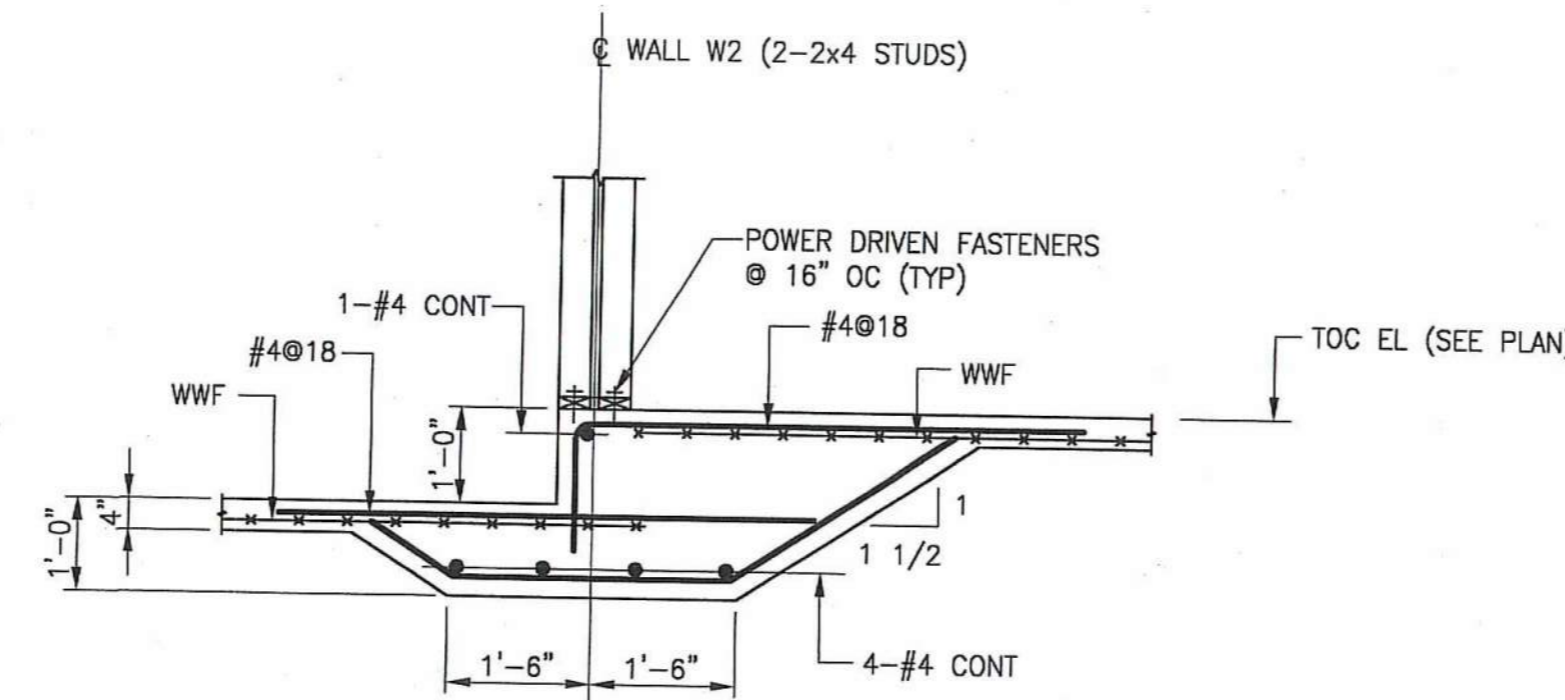


TYP INTERIOR WALL FOOTING (BEARING WALLS W1 & W2)

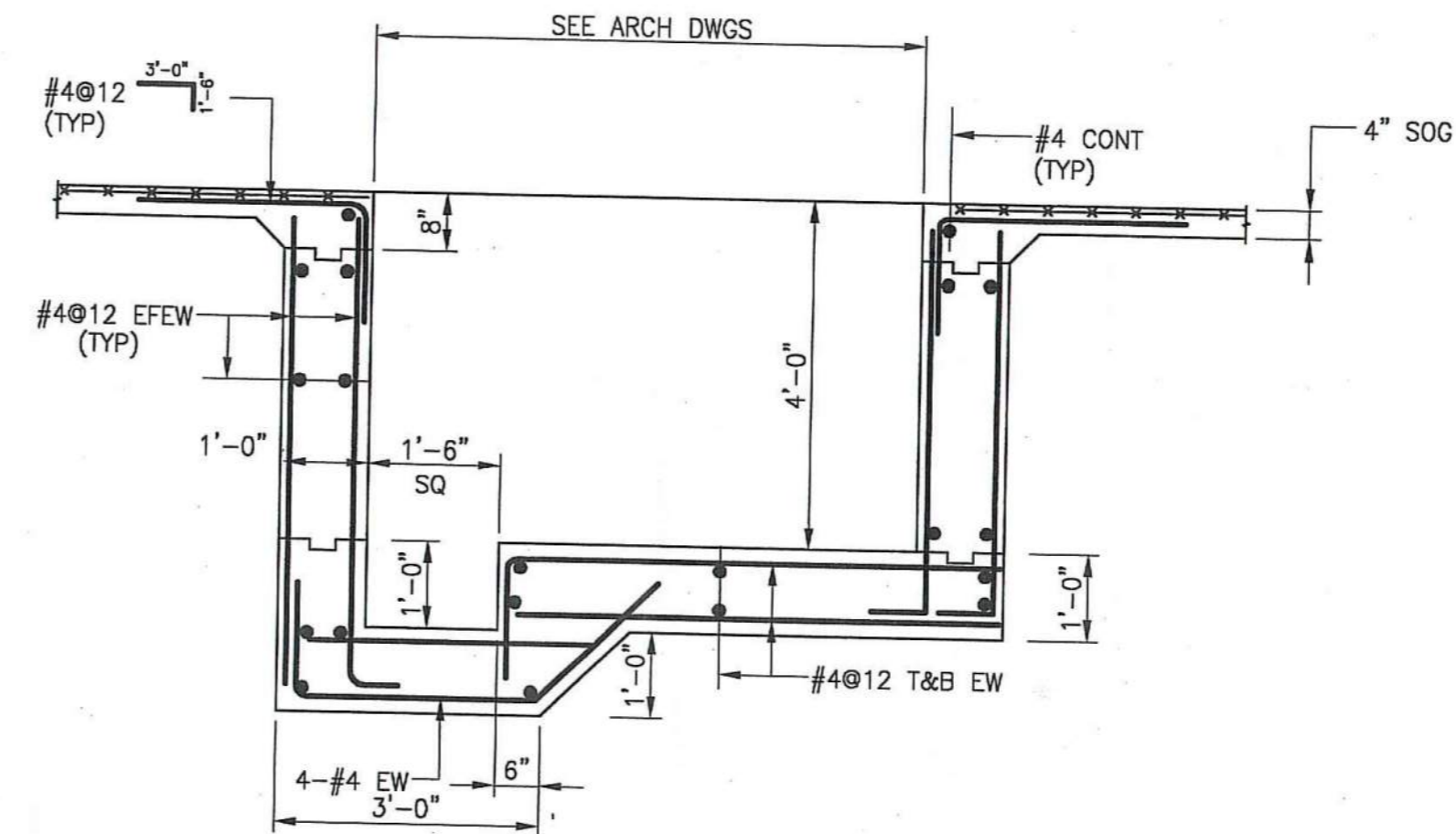
SECTION 3
SCALE: 1/2" = 1'-0"



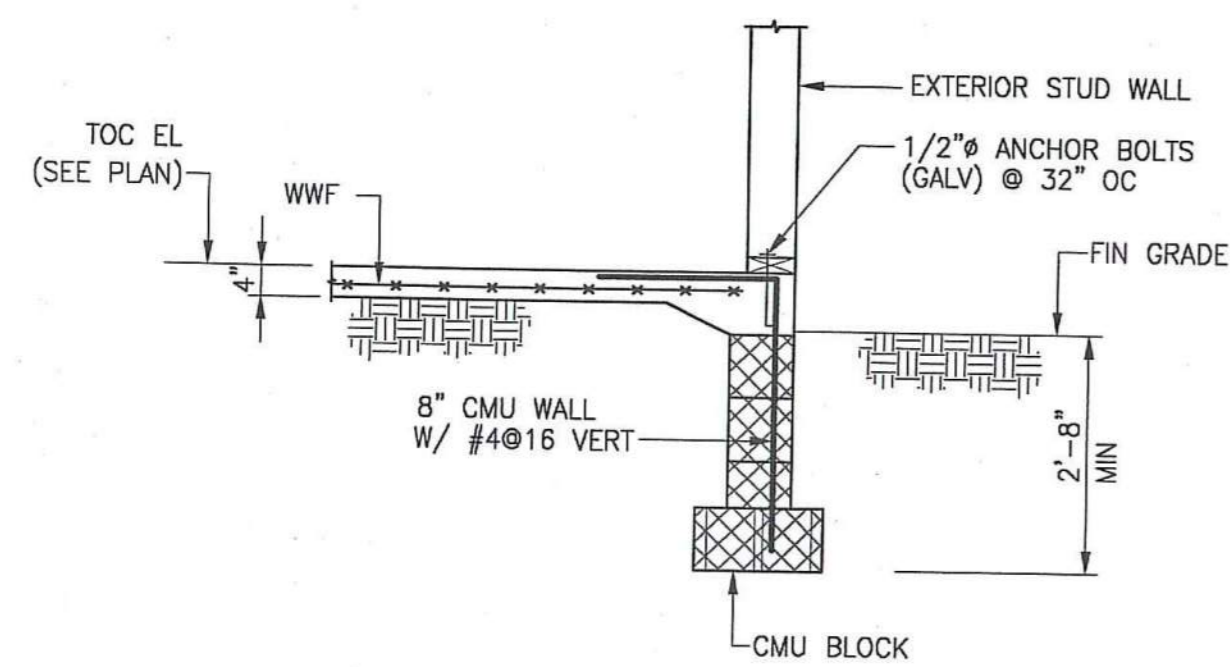
SECTION 4
SCALE: 1/2" = 1'-0"



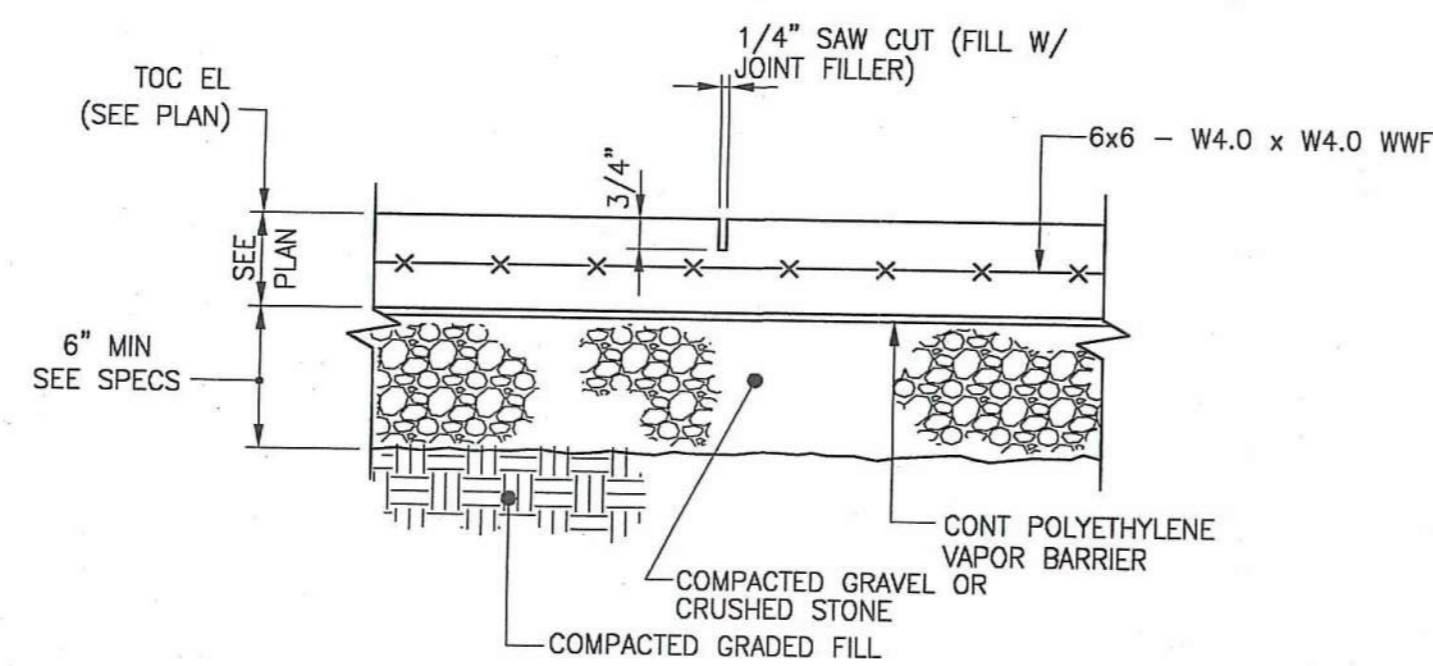
SECTION 5
SCALE: 1/2" = 1'-0"



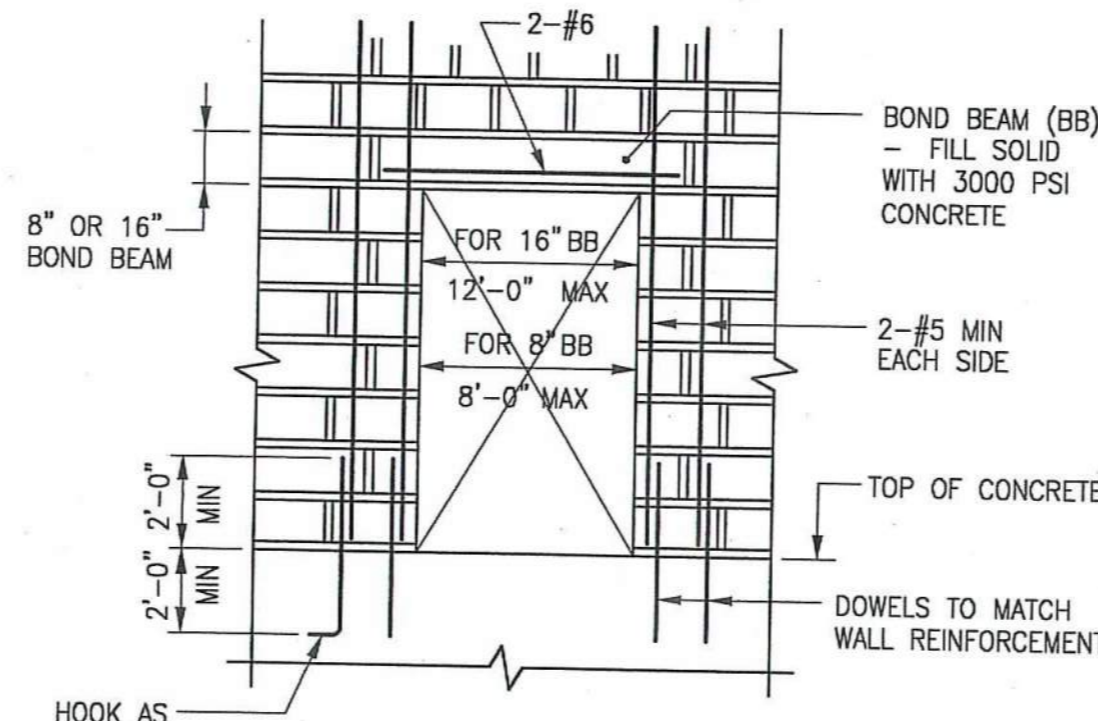
SECTION 6
SCALE: 1/2" = 1'-0"



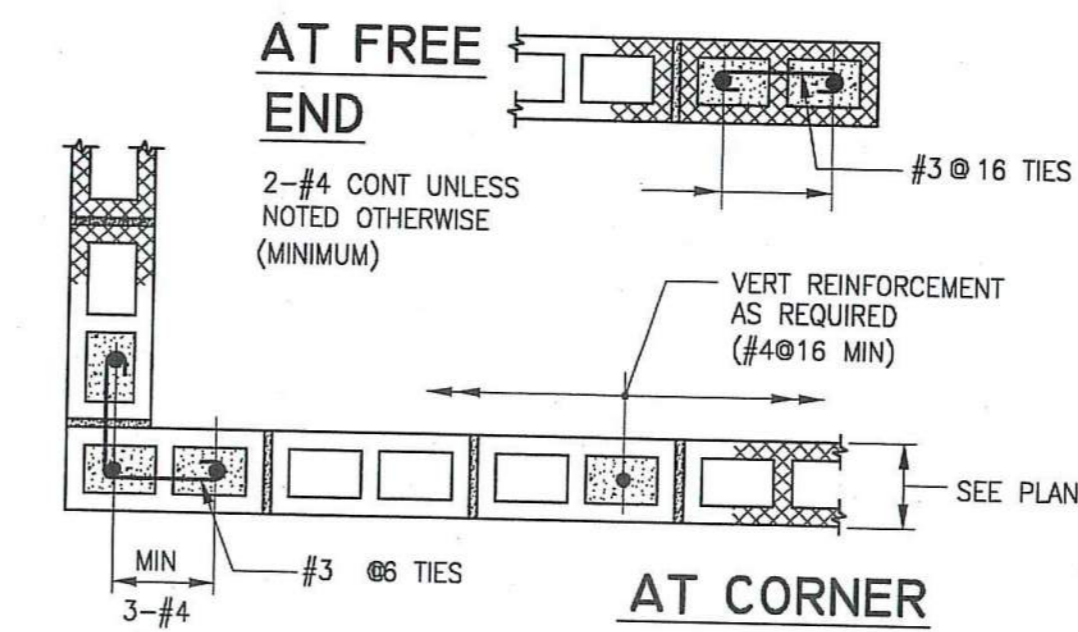
SECTION 7
SCALE: 1/2" = 1'-0"



TYP SLAB ON GRADE WITH CONTROL JOINT DETAIL

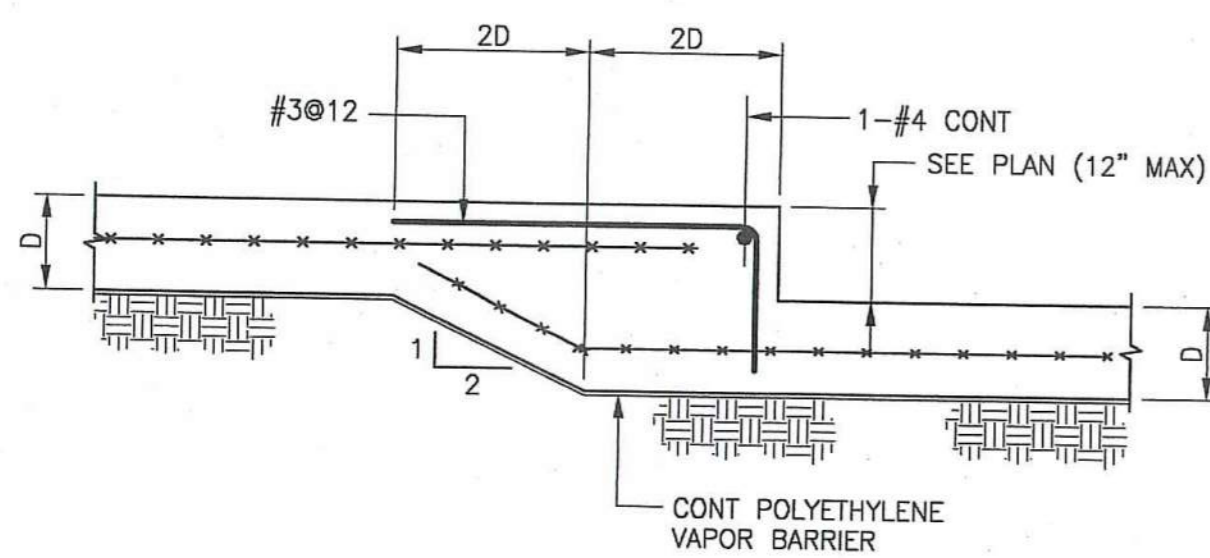


TYPICAL OPENING IN CMU WALL

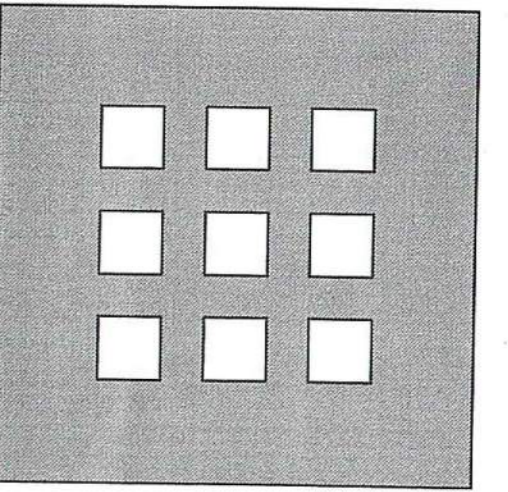


NOTES:

1. SEE GENERAL NOTES FOR HORIZONTAL REINFORCEMENT REQUIREMENTS.
2. PROVIDE BOND BEAMS WITH MINIMUM 2-#5 CONTINUOUS BARS AT MAXIMUM SPACING OF 8'-0" ON CENTER.
3. PROVIDE MINIMUM REINFORCEMENT FOR ALL WALLS.



TYP DEPRESSED SLAB ON GRADE



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SECTIONS AND DETAILS

Scale: AS NOTED

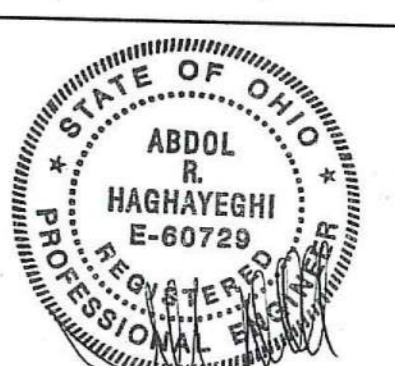
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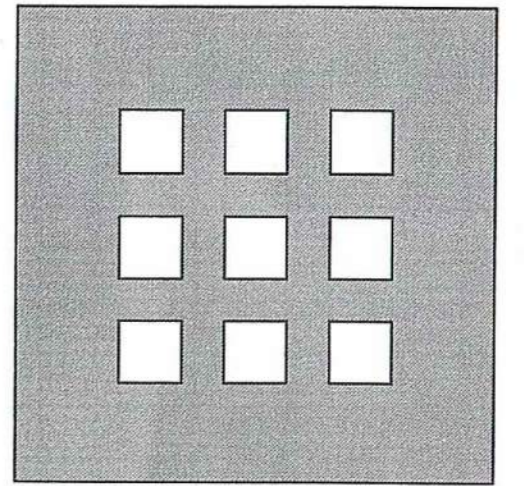
Checked By: LD

Job No.: 2101.2

Date:



S-0.2



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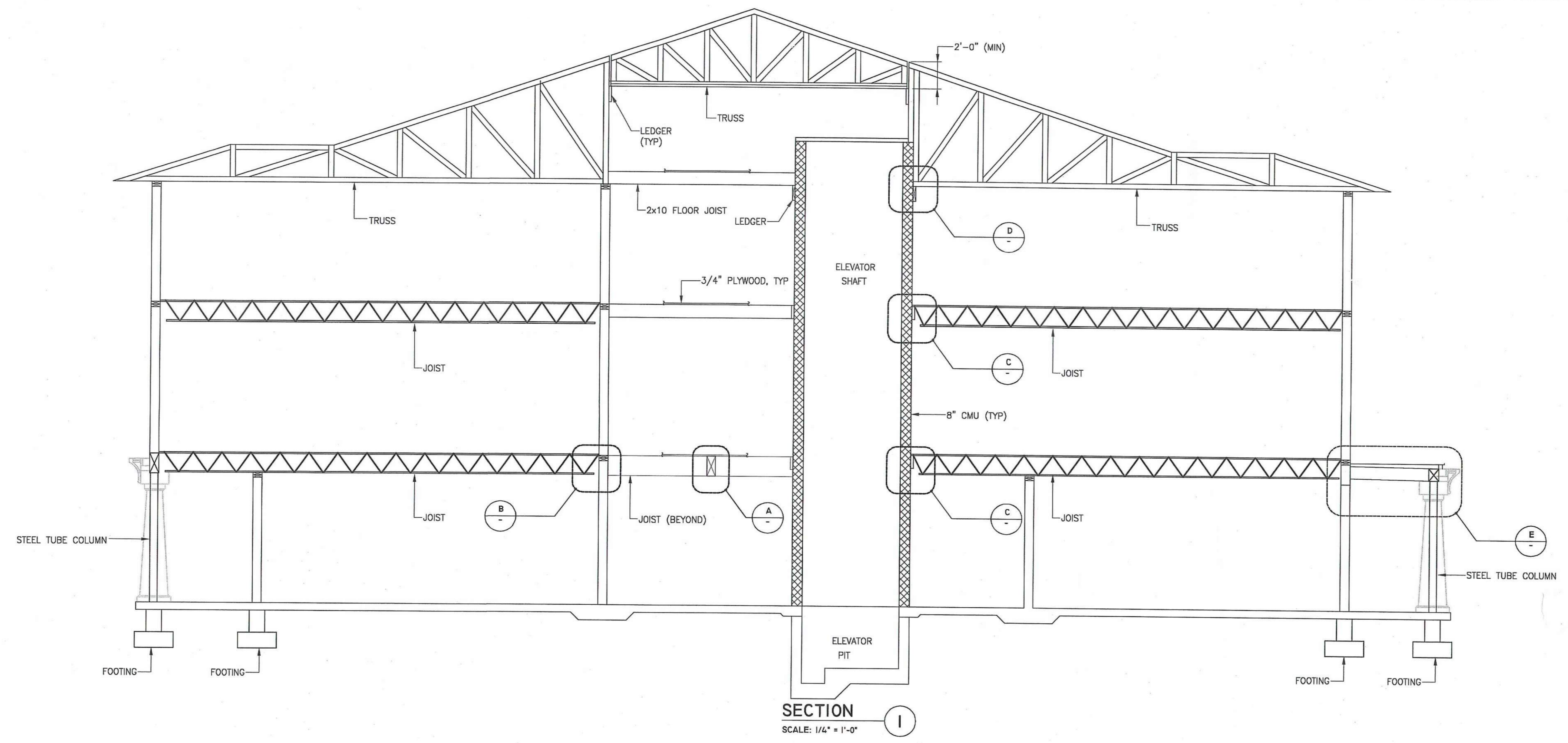
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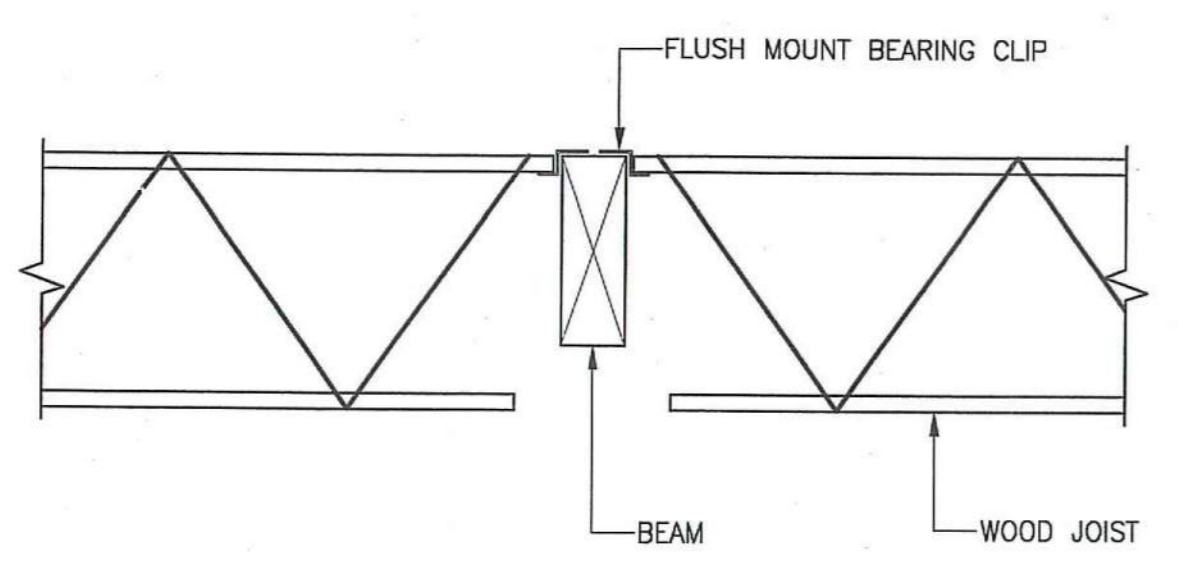
SECTIONS AND DETAILS

Scale
AS NOTED

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Drawn By

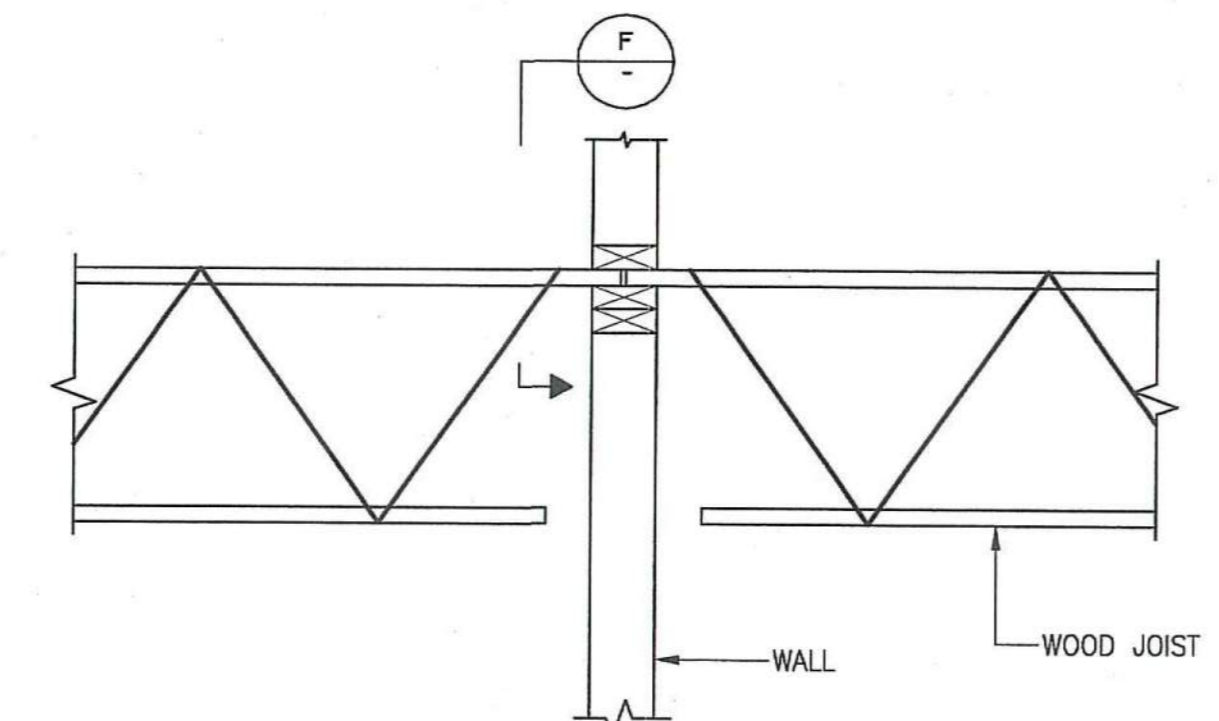


SECTION I
SCALE: 1/4" = 1'-0"



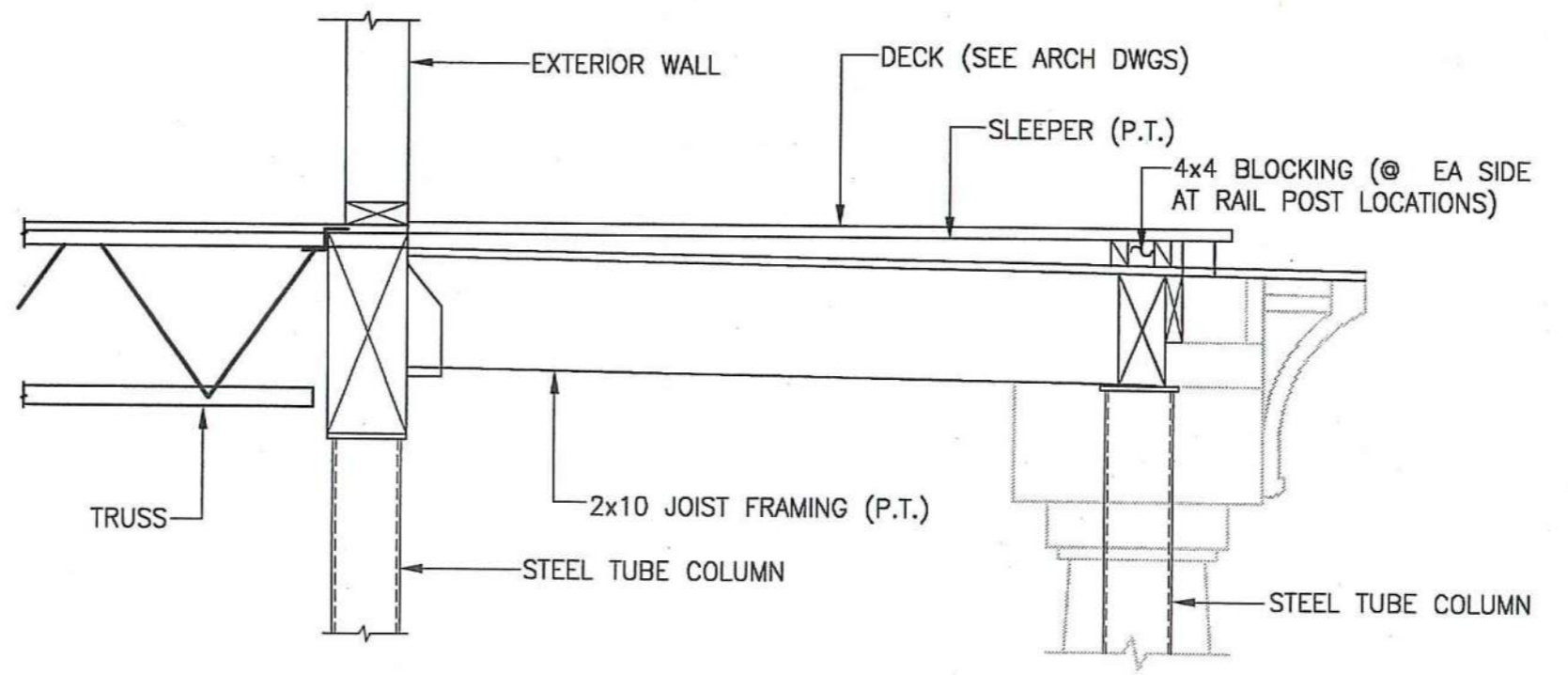
TYP FLUSH MOUNT BEARING ON BEAM

DETAIL A
SCALE: 1" = 1'-0"

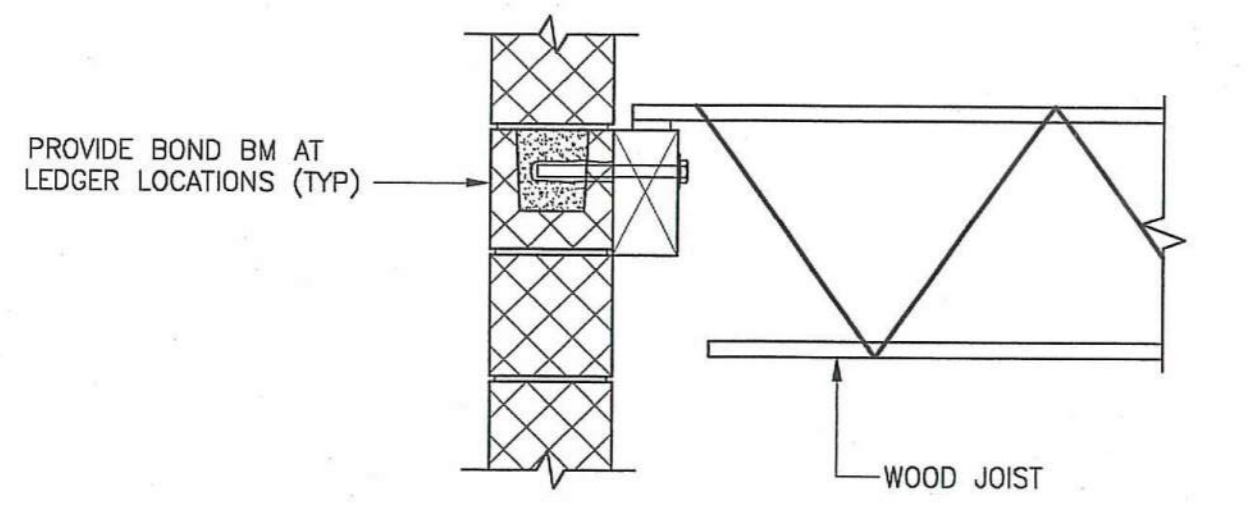


TYP TOP CHORD BEARING W/ BUTTING TRUSSES

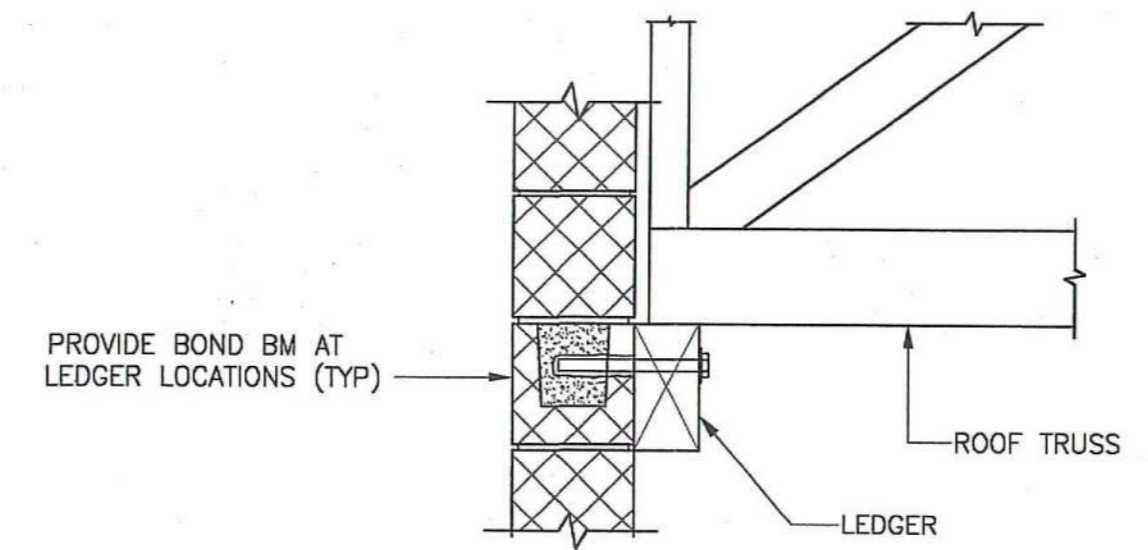
DETAIL B
SCALE: 1" = 1'-0"



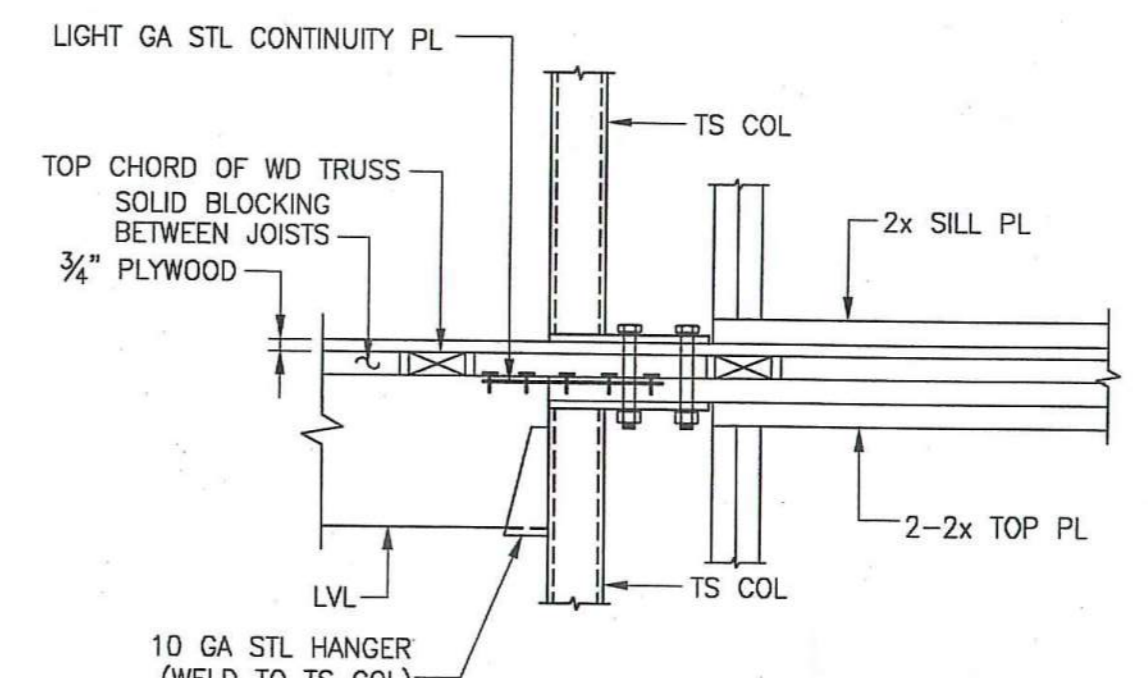
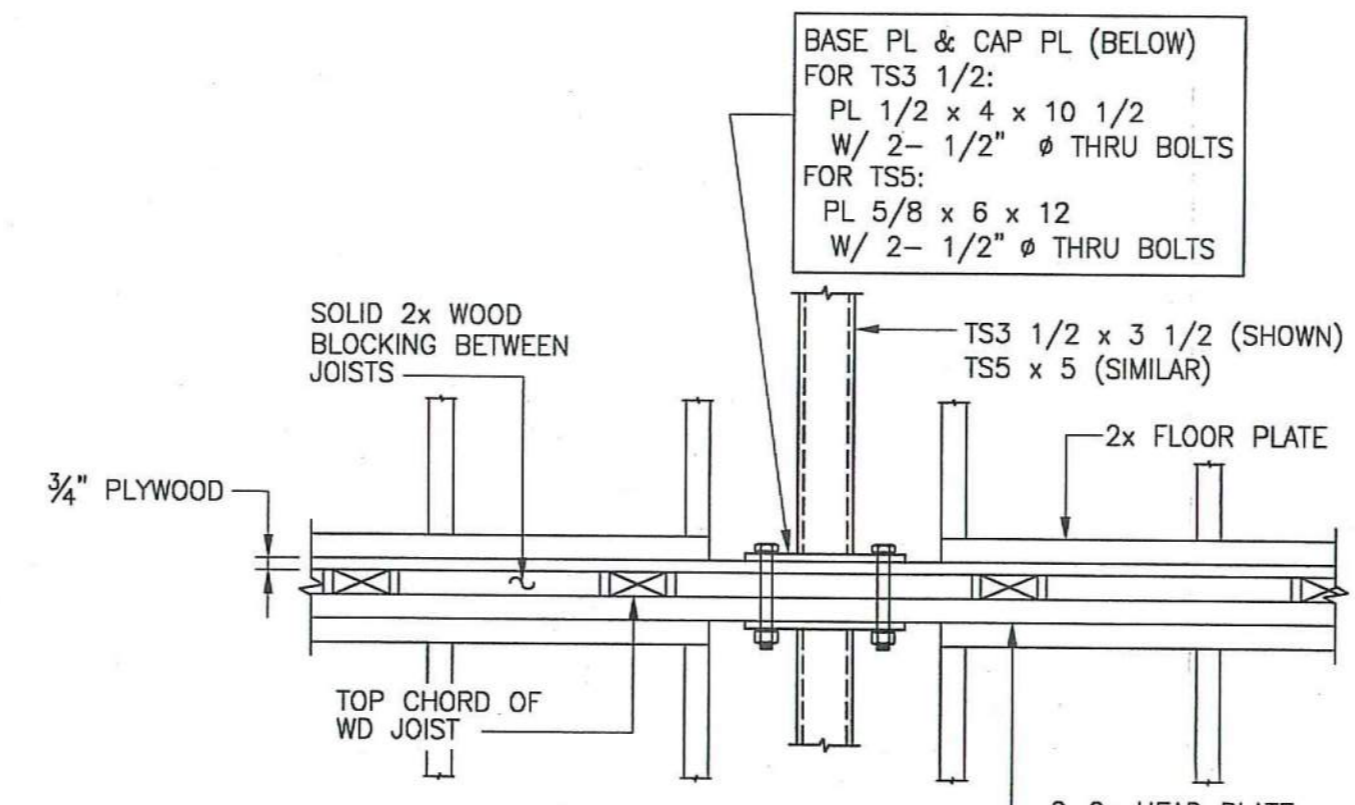
DETAIL E
SCALE: 3/4" = 1'-0"



TYP TOP CHORD BEARING ON LEDGER



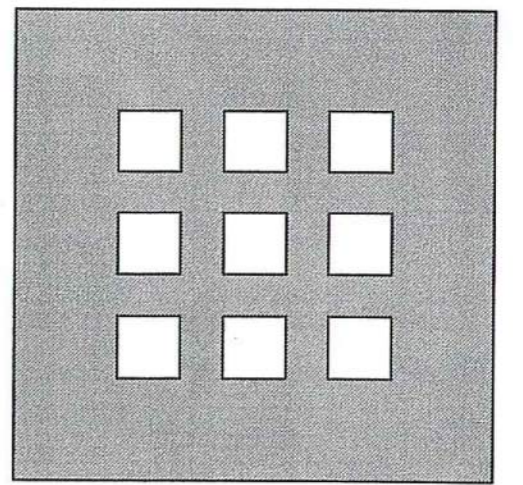
TYP TOP CHORD BEARING ON LEDGER



BASE PL & CAP PL (BELOW)
FOR TS3 1/2":
PL 1/2 x 4 x 10 1/2
W/ 2- 1/2" Ø THRU BOLTS
FOR TS5:
PL 5/8 x 6 x 12
W/ 2- 1/2" Ø THRU BOLTS

SOLID 2x WOOD BLOCKING BETWEEN JOISTS
TS3 1/2 x 3 1/2 (SHOWN)
TS5 x 5 (SIMILAR)
2x FLOOR PLATE
2-2x HEAD PLATE
3/4" PLYWOOD
TOP CHORD OF WD JOIST

LIGHT GA STL CONTINUITY PL
TOP CHORD OF WD TRUSS
SOLID BLOCKING BETWEEN JOISTS
3/4" PLYWOOD
LVL
10 GA STL HANGER (WELD TO TS COL)
TS COL
2x SILL PL
2-2x TOP PL



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Scale: AS NOTED
Title: **FIRST FLOOR PLAN**

Scale: AS NOTED

File Name: _____

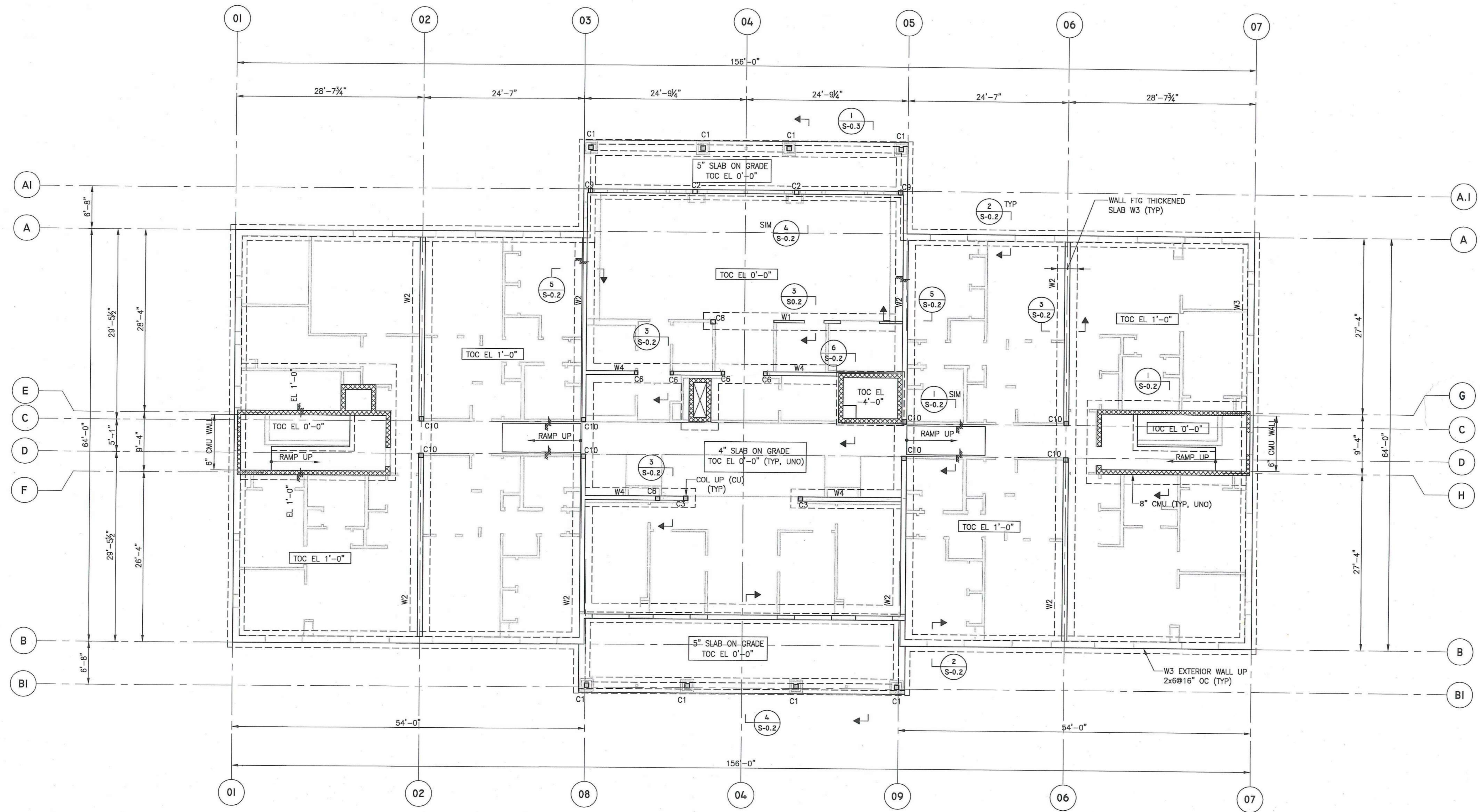
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Checked By: LD

Job No. 2101.2

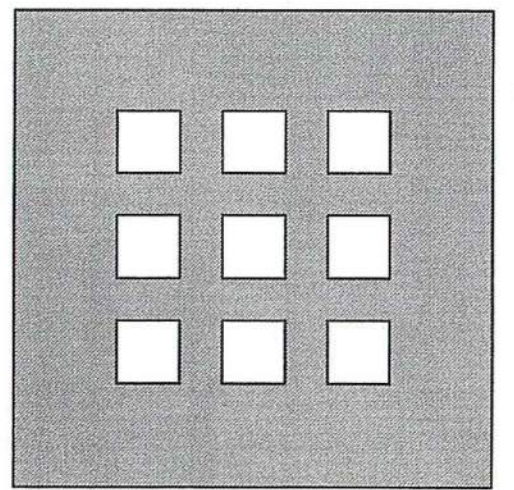
Date: _____

Drawing No. **S-1.1**



FOUNDATION AND FIRST FLOOR FRAMING PLAN
SCALE: 1/8"=1'-0"

- NOTES:**
1. FOR GENERAL NOTES AND SCHEDULE, REFER TO DWG S-0.1.
 2. FOR SECTIONS AND DETAILS REFER TO DWG S-0.2, S-0.3, & S-0.4.
 3. C _ INDICATES COLUMN UP
 3. W _ INDICATES WALL UP



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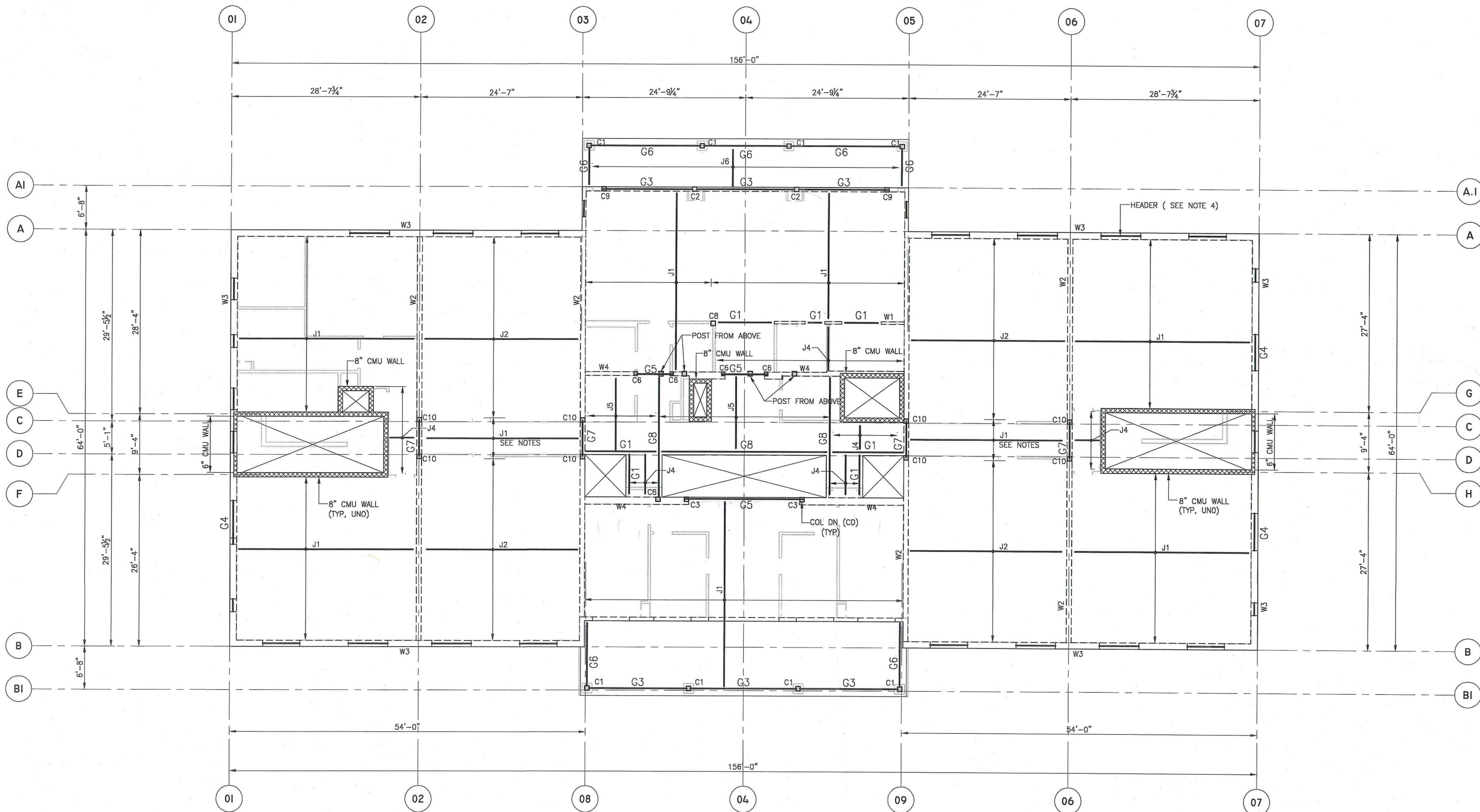
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SECOND FLOOR PLAN

Scale AS NOTED

File Name

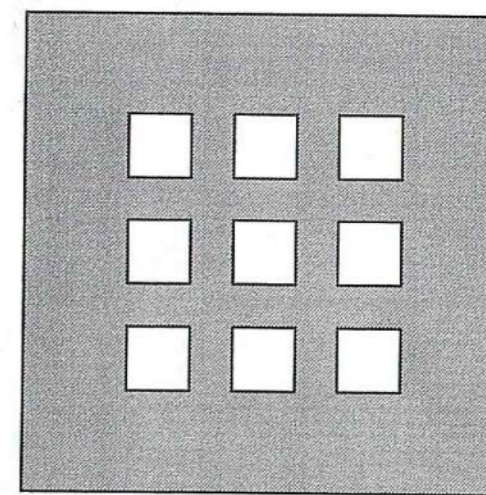


SECOND FLOOR FRAMING PLAN

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

NOTES:

1. FOR GENERAL NOTES AND SCHEDULE REFER TO DWG S-0.1.
2. FOR SECTIONS AND DETAILS REFER TO DWG S-0.2, S-0.3, S-0.4.
3. C_ INDICATES COLUMN DOWN
4. W_ INDICATES WALL DOWN
5. ALL EXTERIOR WALL HEADERS SHALL BE SOUTHERN PINE NO. 2 OR EQUAL, 3- 2x10 (MIN) U.N.O. ON PLAN.
6. COORDINATE SPACING OF JOISTS WITH RECESSED CENTERED LIGHT FIXTURES.



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THIRD FLOOR PLAN

Scale AS NOTED

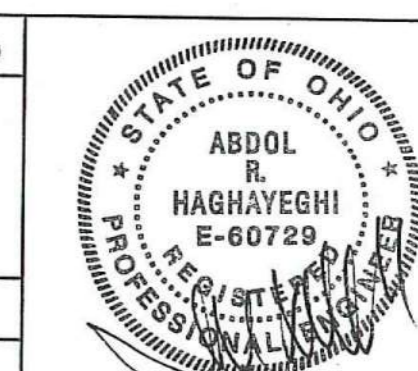
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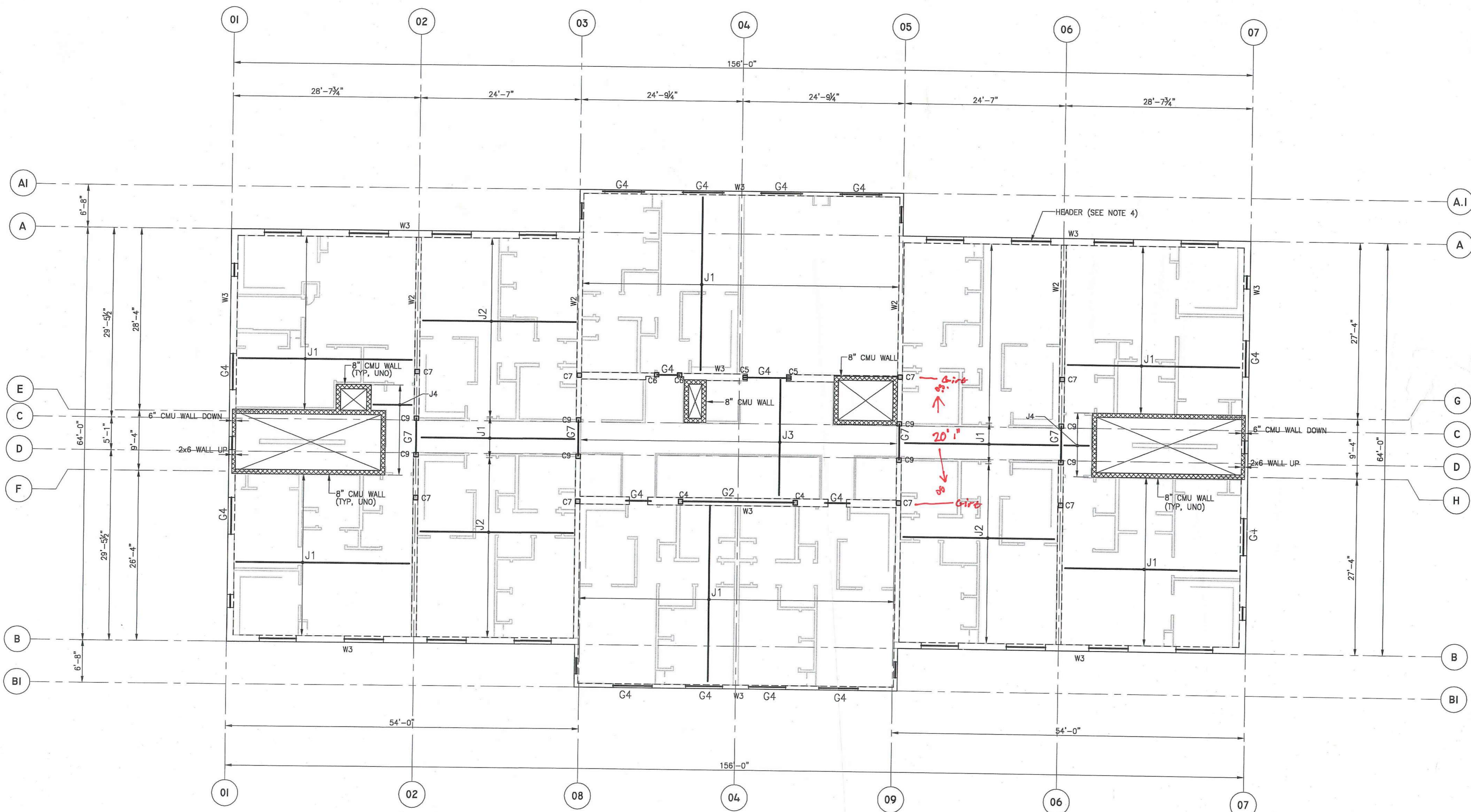
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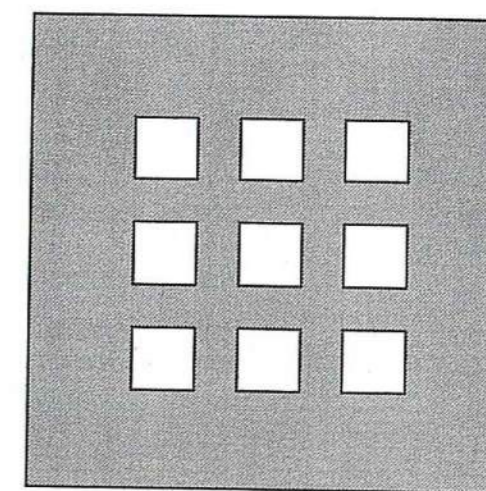


S-1.3



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

- NOTES:**
1. FOR GENERAL NOTES AND SCHEDULE REFER TO DWG S-0.1.
 2. FOR SECTIONS AND DETAILS REFER TO DWG S-0.2, S-0.3, S-0.4.
 3. C_ INDICATES COLUMN DOWN
 4. W_ INDICATES WALL DOWN
 5. ALL EXTERIOR WALL HEADERS SHALL BE SOUTHERN PINE NO. 2 OR EQUAL, 3- 2x10 (MIN) U.N.O. ON PLAN.
 6. COORDINATE SPACING OF JOISTS WITH RECESSED CENTERED LIGHT FIXTURES.



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DOCUMENTS

Title
ROOF PLAN

Scale
AS NOTED

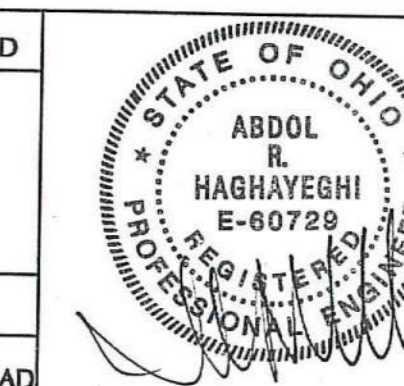
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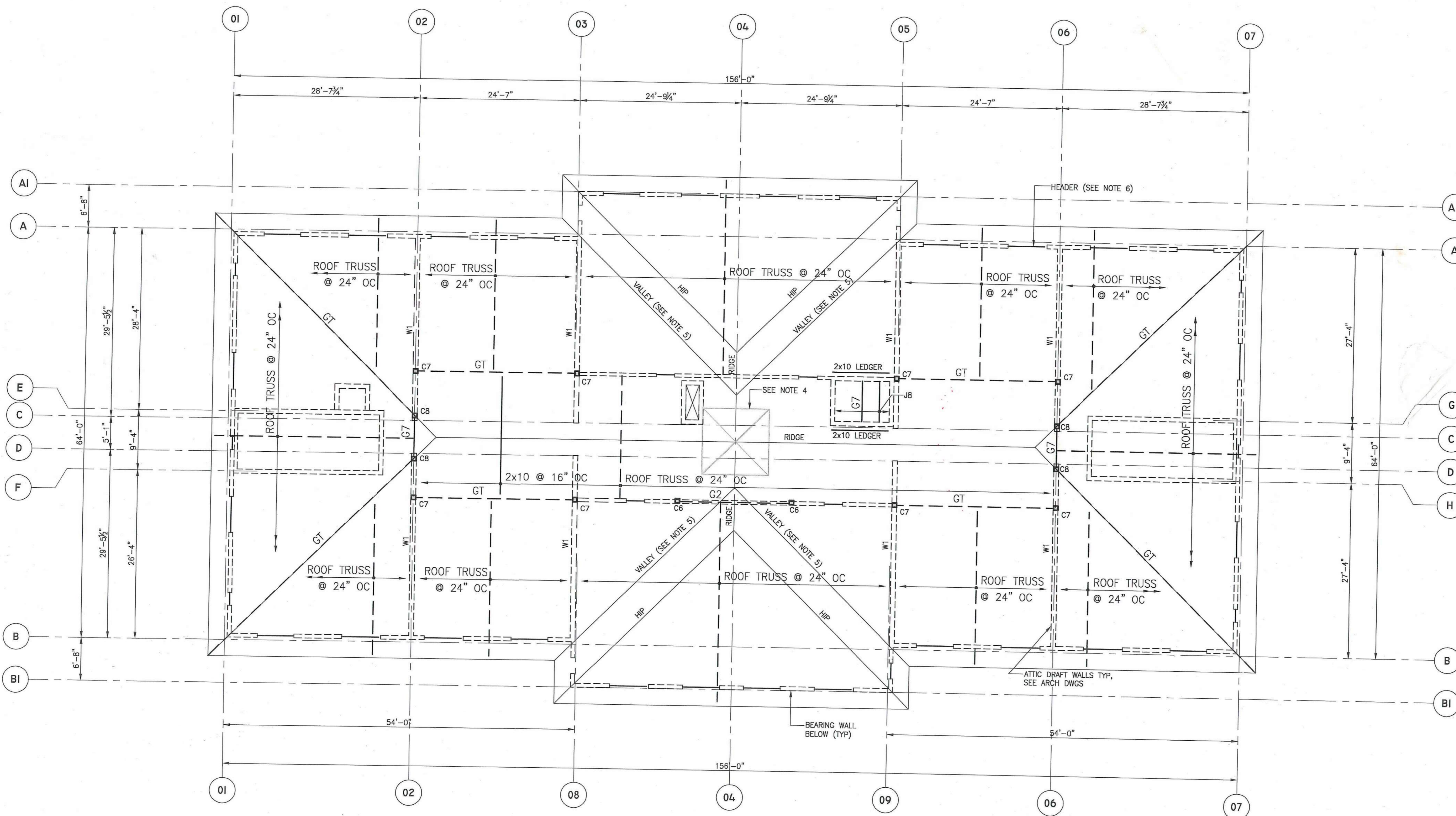
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Date 24 JUNE 2002



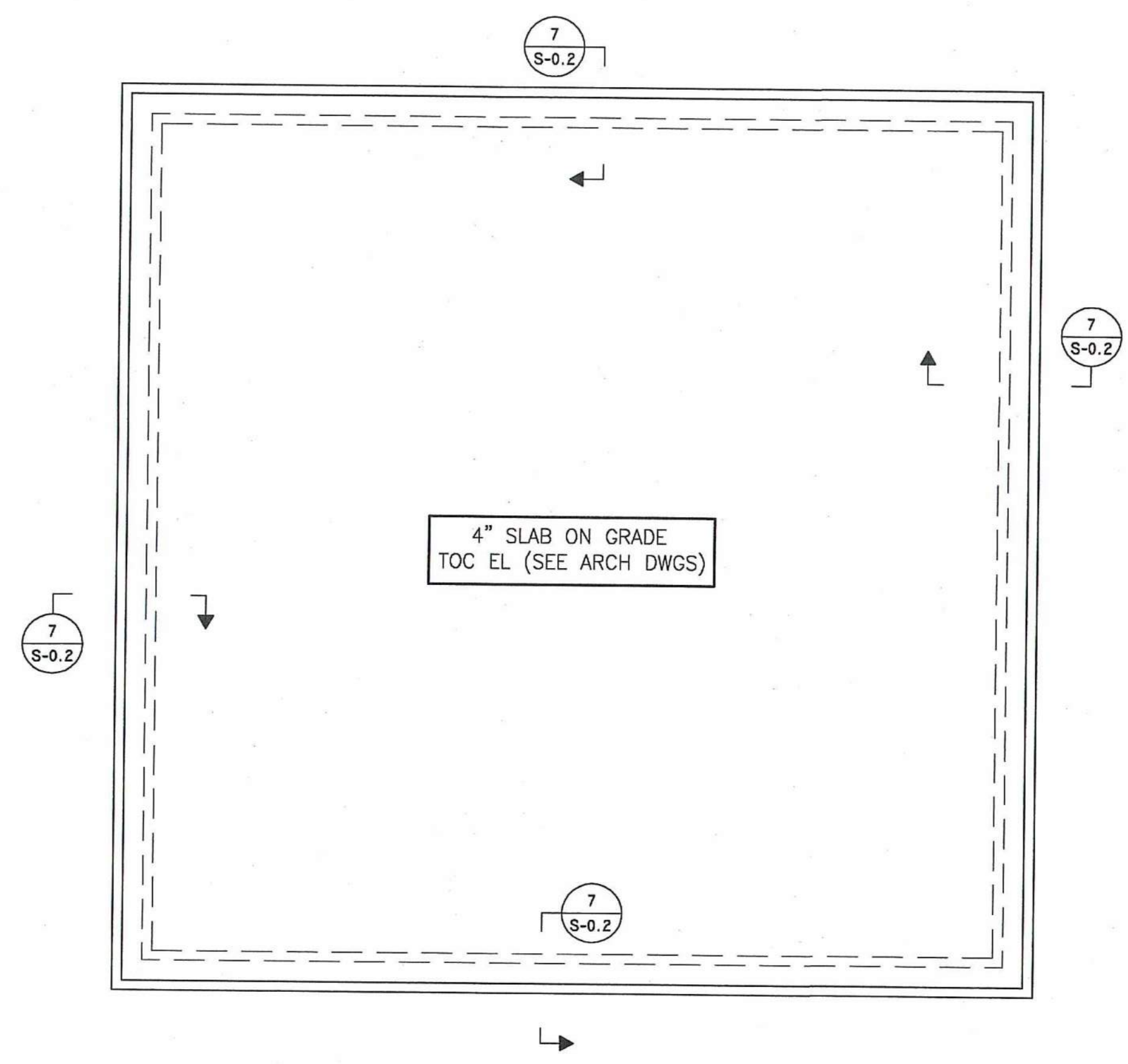
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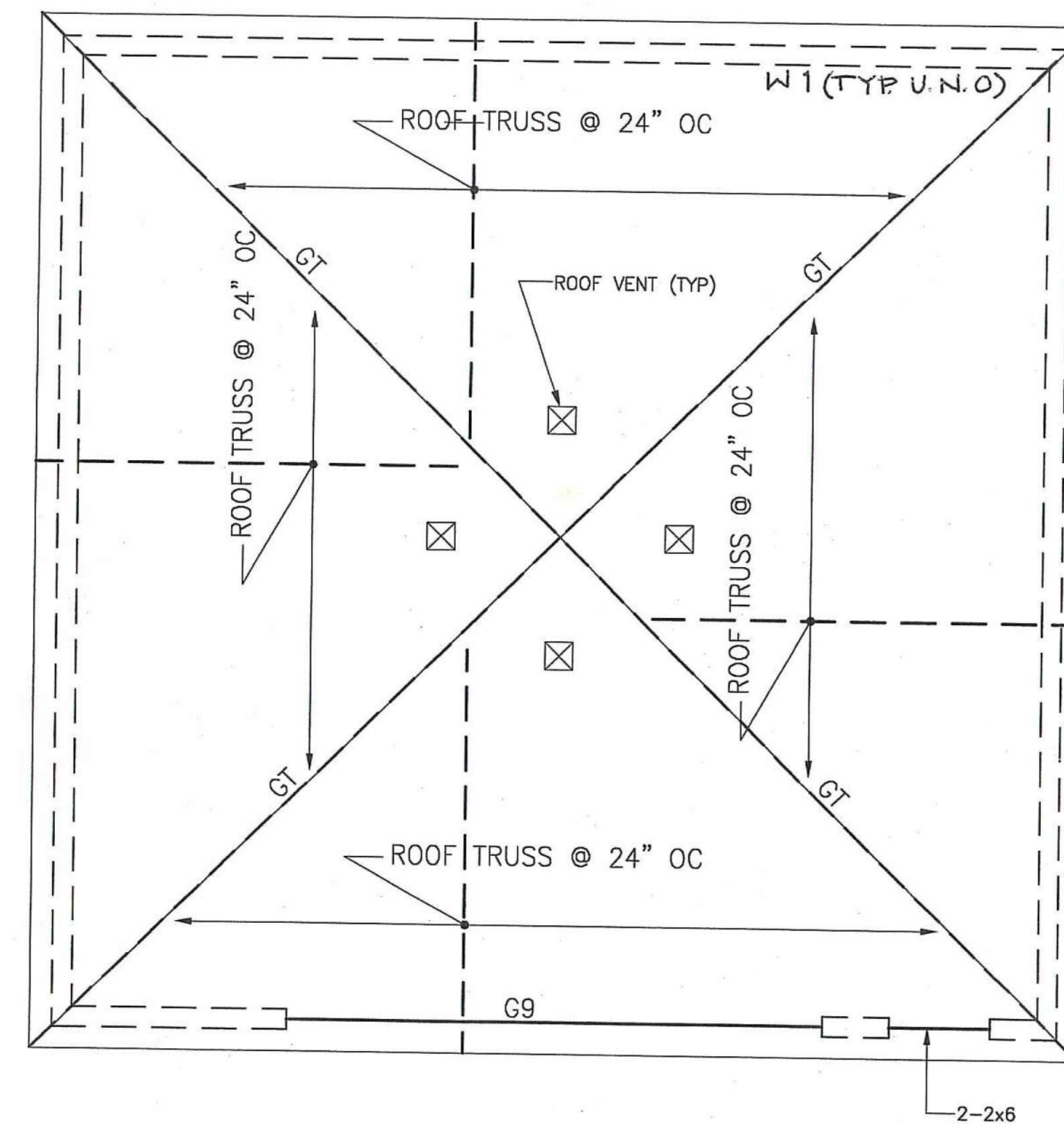
ROOF FRAMING PLAN
SCALE: 1/8"=1'-0"

NOTES:

1. FOR GENERAL NOTES AND SCHEDULE REFER TO DWG S-01.
2. GT INDICATES GIRDER TRUSS.
3. C INDICATES COLUMN DOWN
4. DESIGN ROOF TRUSSES UNDER CUPOLA TO SUPPORT AN ADDITIONAL DEAD LOAD OF 2500 LBS. SEE ARCH DWGS FOR CUPOLA FRAMING.
5. DESIGN ROOF TRUSSES FOR A BASIC SNOW LOAD OF 18 PSF. AT ROOF VALLEYS AND NEXT TO CUPOLA, DESIGN ROOF TRUSSES FOR A SNOW LOAD OF 35 PSF FOR ROOF AREAS 5'-0" ON EITHER SIDE OF VALLEYS AND ALL AROUND CUPOLA PERIMETER.
6. ALL EXTERIOR WALL HEADERS SHALL BE SOUTHERN PINE NO. 2 OR EQUAL, 3- 2x10 (MIN) U.N.O. ON PLAN.

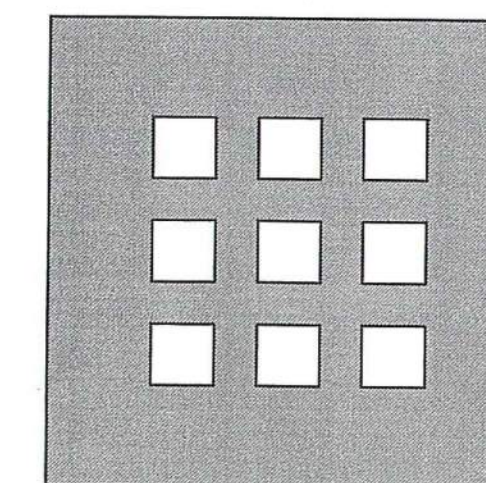


FOUNDATION PLAN ①
SCALE: 1/4" = 1'-0"



ROOF FRAMING PLAN ②
SCALE: 1/4" = 1'-0"

- NOTES:**
1. FOR GENERAL NOTES REFER TO DWG S-0.1.
 2. FOR SECTIONS AND DETAILS REFER TO DWG S-0.2.



**DOMENECH
HICKS &
KROCKMALNIC
ARCHITECTS**

155 Massachusetts Ave.
Boston, MA 02115
617-267-6408
Fax 617-267-1990

PREPARED FOR:

DAYTON VIEW ASSOC. LTD.
4324 WEBSTER STREET
DAYTON, OHIO 45414

No.	Date	Revision

**DAYTON HOPE VI
SENIOR HOUSING**

**100%
CONSTRUCTION
DOCUMENTS**

Title
MAINTENANCE GARAGE PLANS

Scale
AS NOTED

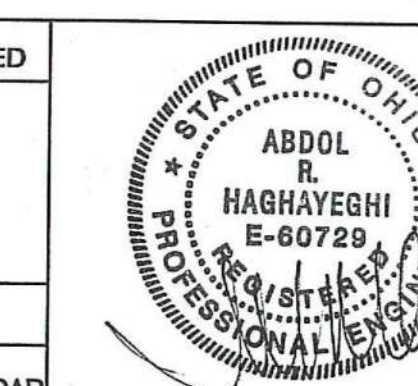
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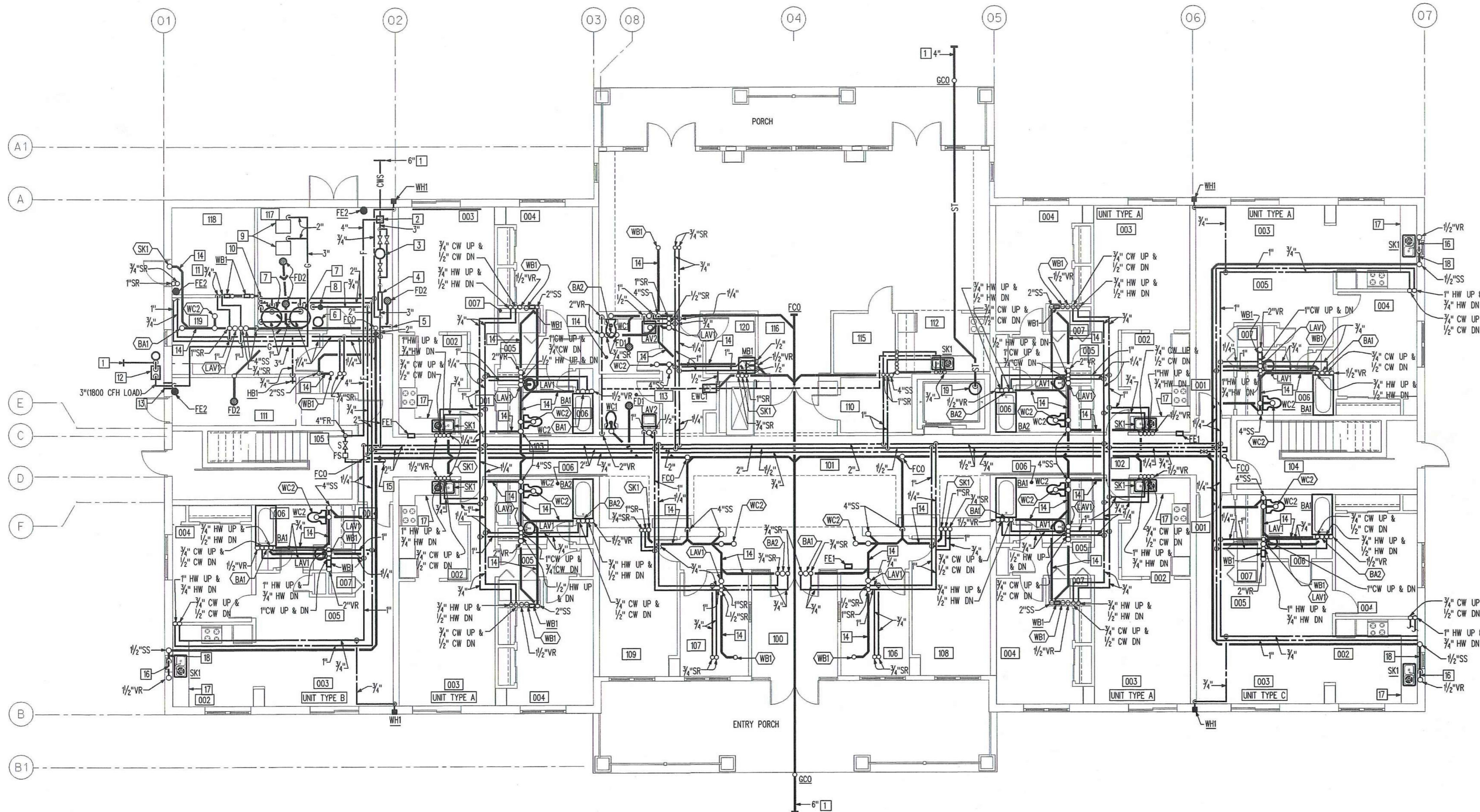
Checked By
LD

Job No.
2101.2

Date
24 JUNE 2002



Drawing No.
S-1.5



FIRST FLOOR PLAN - PLUMBING/ FIRE PROT.

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

NOTES

1. PIPING CONTINUED BY GENERAL/ SITE CONTRACTOR
2. 4" DOUBLE CHECK DETECTOR ASSEMBLY, WATTS #7740CDA-OSY OR APPROVED EQUAL. REFER TO WATER SERVICE ENTRANCE DETAIL ON SHEET PF1.0.
3. WATER METER FURNISHED AND INSTALLED BY LOCAL WATER DEPARTMENT. PLUMBING CONTRACTOR RESPONSIBLE FOR METER SPREAD, FULL-SIZE BY-PASS AND ALL ASSOCIATED PIPING. REFER TO WATER SERVICE ENTRANCE DETAIL ON SHEET PF1.0.
4. TWO (2) 2" REDUCED PRESSURE BACKFLOW PREVENTERS, WATTS #09M20T-S OR APPROVED EQUAL. REFER TO WATER SERVICE ENTRANCE DETAIL ON SHEET PF1.0.
5. TRAP PRIMER WITH 5-OPENING DISTRIBUTION UNIT. DISCHARGE PIPES TO DROP ALONG WALL AND CONNECT TO FLOOR DRAINS (FDD) IN PUBLIC REST ROOMS/ FLOOR DRAINS (FD2) IN MECHANICAL ROOM.
6. THERMAL EXPANSION TANK. REFER TO WATER HEATER DETAIL ON SHEET PF1.0.
7. GAS-FIRED HOT WATER HEATER. REFER TO WATER HEATER DETAIL ON SHEET PF1.0.
8. HOT WATER RECIRCULATION PUMP. REFER TO WATER HEATER DETAIL ON SHEET PF1.0.
9. GAS-FIRED BOILER (750 CFH INPUT) BY HVAC CONTRACTOR. PLUMBING CONTRACTOR RESPONSIBLE FOR ALL GAS PIPING AND FINAL CONNECTION.
10. TEMPERING VALVE. REFER TO DETAIL ON SHEET PF1.0.
11. PIPING TO DROP IN WALL, RUN FULL-SIZE MANIFOLD AND SERVE EACH INDIVIDUAL FIXTURE.
12. GAS METER FURNISHED AND INSTALLED BY LOCAL GAS AUTHORITY. PLUMBING CONTRACTOR RESPONSIBLE FOR METER SPREAD, REGULATOR AND ALL ASSOCIATED PIPING.
13. PIPE SLEEVE WITH WATERTIGHT SEAL.
14. PIPING ABOVE CEILING IN JOIST SPACE.
15. PIPING CONTINUED BY FIRE PROTECTION CONTRACTOR.
16. VENTING PIPING TO OFFSET BELOW WINDOW AS INDICATED. VENT PIPING MUST BE ABOVE SANITARY WASTE CONNECTION.
17. UNDERCOUNTER DISHWASHER BY GENERAL CONTRACTOR. PLUMBING CONTRACTOR RESPONSIBLE FOR SANITARY WASTE TO WASTE DISPOSER AND HOT WATER SUPPLY FROM SUPPLY PIPING WHICH SERVES SINK FAUCET. CONNECTIONS SHALL BE AS PER MANUFACTURER'S RECOMMENDATIONS AND AS PER LOCAL PLUMBING CODE.
18. PIPING LOW IN WALL.
19. ELEVATOR SUMP PUMP. REFER TO DETAIL ON SHEET PF1.0.

ROOM INDEX

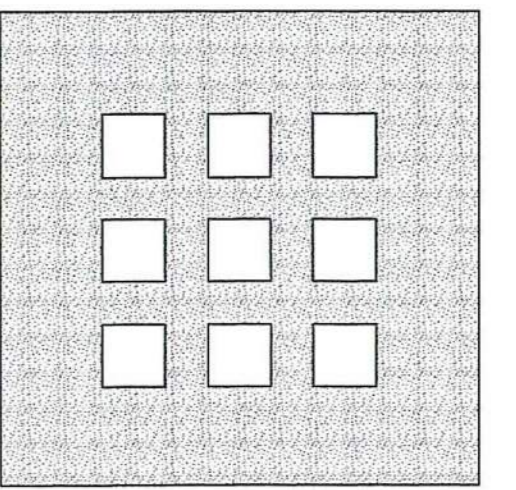
100 VESTIBULE	4 - UNIT TYPE A	1- UNIT TYPE C UFAS
101 LOBBY	001 ENTRY	001 ENTRY
102 CORRIDOR	002 KITCHEN	002 KITCHEN
103 CORRIDOR	003 LIVING/ DINNING	003 LIVING/ DINNING
104 STAR 1	004 BEDROOM	004 BEDROOM
105 STAR 2	005 HALL	005 HALL
106 OFFICE	006 BATH	006 BATH
107 OFFICE	007 UTIL.	007 UTIL.
108 OFFICE		
109 OFFICE	2 - UNIT TYPE B	
110 ELEV. MECH.	001 ENTRY	
111 TRASH	002 KITCHEN	
112 KITCHEN	003 LIVING/ DINNING	
113 WC	004 BEDROOM	
114 WC	005 HALL	
115 STORAGE	006 BATH	
116 COMMON	007 UTIL.	
117 MECHANICAL		
118 MAIN ELEC.		
119 LAUNDRY		
120 JANITOR		

GENERAL NOTES - FIRE PROT.

- A. ALL SPRINKLER PIPING IS ABOVE THE CEILING ON FLOOR JOIST OF SECOND FLOOR UNLESS OTHERWISE INDICATED.
- B. FIRE PROTECTION SYSTEM SHALL CONFORM TO LOCAL, STATE AND NFPA STANDARDS, RULES AND REGULATIONS AND OWNER'S INSURER.
- C. ALL MECHANICAL ROOMS, STORAGE ROOMS, JANITORS CLOSETS, ETC. SHALL BE CLASSIFIED AS ORDINARY HAZARD. SPRINKLER SYSTEM IS LIMITED TO A MAXIMUM OF 130 SQ. FT. PER SPRINKLER, 1500 SQ. FT. AREA OF OPERATION AND 165 DEGREES F. TEMPERATURE RATED HEADS.
- D. ALL OTHER AREAS SHALL BE CLASSIFIED AS LIGHT HAZARD. SPRINKLER SYSTEM IS LIMITED TO A MAXIMUM OF 225 SQ. FT. PER SPRINKLER, 1500 SQ. FT. AREA OF OPERATION AND 165 DEGREES F. TEMPERATURE RATED HEADS.
- E. ALL HEAD LOCATIONS MUST BE COORDINATED WITH ALL EQUIPMENT KINDRED TO OTHER TRADES AND MUST BE CENTERED IN CEILING TILE. HEAD LOCATIONS MUST BE APPROVED BY ARCHITECT BEFORE WORK COMMENCES. REFER TO THE ARCHITECTURAL DRAWINGS AND REFLECTED CEILING PLANS FOR ADDITIONAL INFORMATION OF ALL CEILING TYPES, HEIGHTS AND OTHER ARCHITECTURAL FEATURES.
- F. SPRINKLER HEADS (UNLESS OTHERWISE NOTED) TO BE AS FOLLOWS: LAY-IN/GYPSUM BOARD CEILING AREAS - CONCEALED PENDENT TYPE. EXPOSED STRUCTURAL AREAS - PENDENT/UPRIGHT TYPE.
- G. ALL PIPING SHOWN SHALL BE INSTALLED AS SIZED. ALL OTHER PIPING SHALL BE SIZED ACCORDING TO CONTRACTORS HYDRAULIC CALCULATIONS.
- H. CONTRACTOR SHALL MAKE NECESSARY FLOW TESTS, LAY OUT SYSTEMS, OBTAIN APPROVALS FROM THE AUTHORITY HAVING JURISDICTION AND OWNER'S INSURER PRIOR TO BEGINNING ANY FABRICATION OR INSTALLATION WORK.
- I. THIS BUILDING IS TO BE FULLY SUPPRESSED.

GENERAL NOTES - PLUMBING

- A. ALL SANITARY AND STORM PIPING IS BELOW THE FLOOR SLAB UNLESS OTHERWISE INDICATED.
- B. ALL VENT PIPING IS IN A CHASE/ WALL UNLESS OTHERWISE INDICATED.
- C. ALL SUPPLY PIPING IS ABOVE THE CEILING ON FLOOR JOIST OF SECOND FLOOR UNLESS OTHERWISE INDICATED.
- D. REFER TO SCHEDULES, DETAILS AND DIAGRAMS FOR ANY PIPING/PIPE SIZES NOT INDICATED ON FLOOR PLAN.



**DOMENECH
HICKS &
KROCKMALNIC
ARCHITECTS**

155 Massachusetts Ave.
Boston, MA 02115
617-267-6408
Fax 617-267-1990

PREPARED FOR:

**DAYTON VIEW
ASSOCIATES, LTD.**
4324 WEBSTER STREET
DAYTON, OHIO 45414

**DAYTON HOPE VI
SENIOR HOUSING**

100% CONSTRUCTION
DRAWINGS - PERMIT SET

FIRST FLOOR PLAN
PLUMBING & FIRE PROTECTION

Scale: _____

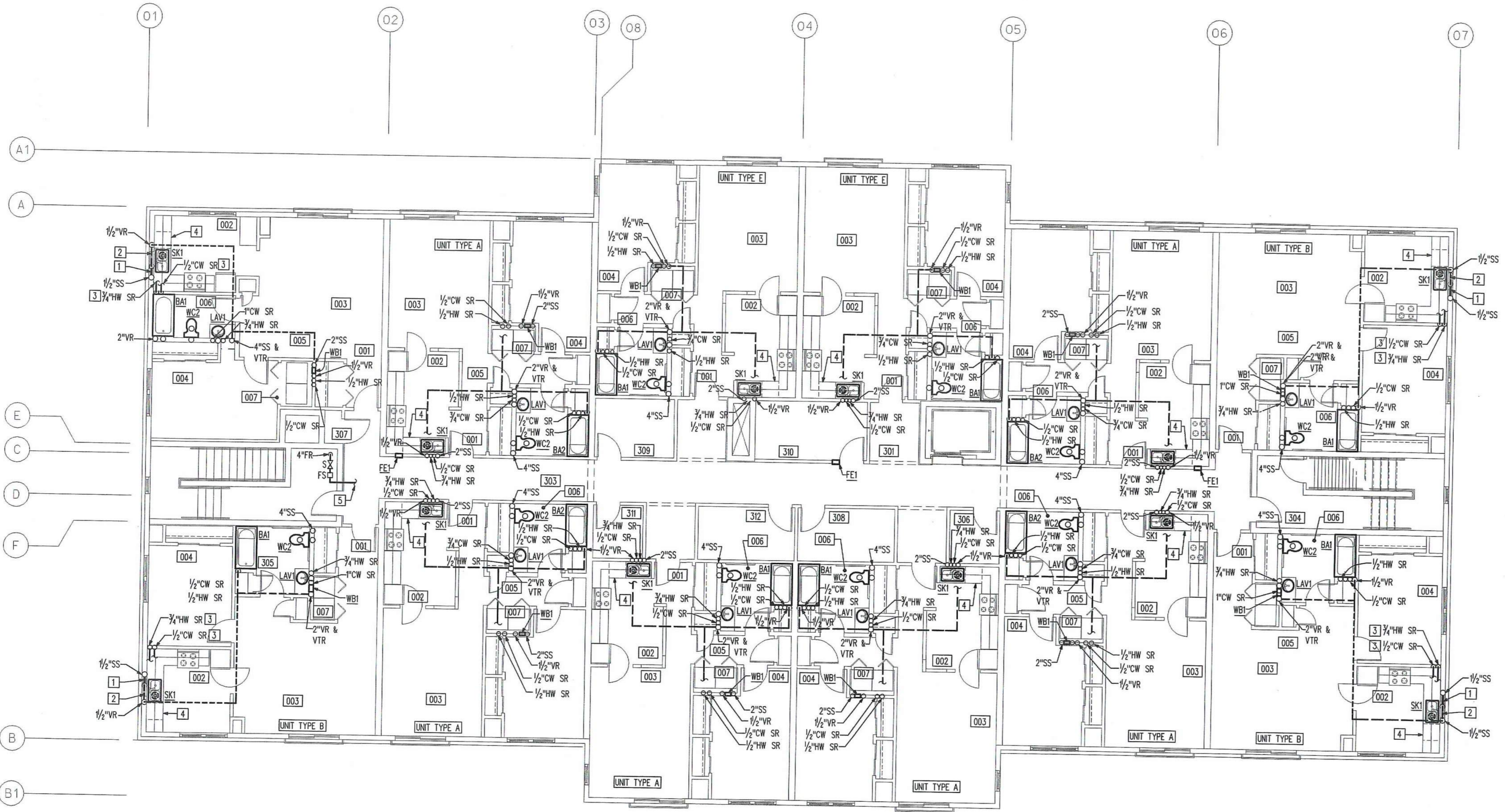
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 Job No.: 2101.1
 Date: 06-24-02

STATE OF OHIO
 PARMA
 NAND
 SINHA
 4-2622
 REGISTERED
 PROFESSIONAL ENGINEER

Drawing No. **PF-1.1**

CONTECH DESIGN INC.
Consulting Engineers

519 Windsor Park Dr., Centerville, Ohio 45459
 Phone: (937)435-3722 Fax: (937) 435-4685
 Email: engineers@contechdesign.com Engineer Project #020018



ROOM INDEX

301 ELEV. LOBBY	1 - UNIT TYPE D
302 CORRIDOR	001 ENTRY
303 CORRIDOR	002 KITCHEN
304 STAR 1	003 LIVING/ DINING
305 STAR 2	004 BEDROOM
306 SUPP.	005 HALL
307 TRASH	006 BATH
308 SUPP.	007 UTIL.
309 ELEC.	
310 SUPP.	2 - UNIT TYPE E
311 SUPP.	001 ENTRY
312 SUPP.	002 KITCHEN
	003 LIVING/ DINING
6 - UNIT TYPE A	004 BEDROOM
001 ENTRY	005 HALL
002 KITCHEN	006 BATH
003 LIVING/ DINING	007 UTIL.
004 BEDROOM	
005 HALL	
006 BATH	
007 UTIL.	
	3 - UNIT TYPE B
001 ENTRY	
002 KITCHEN	
003 LIVING/ DINING	
004 BEDROOM	
005 HALL	
006 BATH	
007 UTIL.	

GENERAL NOTES - FIRE PROT.

- A. ALL SPRINKLER PIPING IS ABOVE THE CEILING (BETWEEN THE GYPSUM BOARD CEILING AND BELOW THE BATT INSULATION) UNLESS OTHERWISE INDICATED.
- B. FIRE PROTECTION SYSTEM SHALL CONFORM TO LOCAL, STATE AND NFPA STANDARDS, RULES AND REGULATIONS AND OWNER'S INSURER.
- C. ALL MECHANICAL ROOMS, STORAGE ROOMS, JANITORS CLOSETS, ETC. SHALL BE CLASSIFIED AS ORDINARY HAZARD. SPRINKLER SYSTEM IS LIMITED TO A MAXIMUM OF 130 SQ. FT. PER SPRINKLER, 500 SQ. FT. AREA OF OPERATION AND 165 DEGREES F. TEMPERATURE RATED HEADS.
- D. ALL OTHER AREAS SHALL BE CLASSIFIED AS LIGHT HAZARD. SPRINKLER SYSTEM IS LIMITED TO A MAXIMUM OF 225 SQ. FT. PER SPRINKLER, 500 SQ. FT. AREA OF OPERATION AND 165 DEGREES F. TEMPERATURE RATED HEADS.
- E. ALL HEAD LOCATIONS MUST BE COORDINATED WITH ALL EQUIPMENT KINDRED TO OTHER TRADES AND MUST BE CENTERED IN CEILING TILE. HEAD LOCATIONS MUST BE APPROVED BY ARCHITECT BEFORE WORK COMMENCES. REFER TO THE ARCHITECTURAL DRAWINGS AND REFLECTED CEILING PLANS FOR ADDITIONAL INFORMATION OF ALL CEILING TYPES, HEIGHTS AND OTHER ARCHITECTURAL FEATURES.
- F. SPRINKLER HEADS (UNLESS OTHERWISE NOTED) TO BE AS FOLLOWS: LAY-IN/GYPSUM BOARD CEILING AREAS - CONCEALED PENDENT TYPE. EXPOSED STRUCTURAL AREAS - PENDENT/UprIGHT TYPE.
- G. ALL PIPING SHOWN SHALL BE INSTALLED AS SIZED. ALL OTHER PIPING SHALL BE SIZED ACCORDING TO CONTRACTORS HYDRAULIC CALCULATIONS.
- H. CONTRACTOR SHALL MAKE NECESSARY FLOW TESTS, LAY OUT SYSTEMS, OBTAIN APPROVALS FROM THE AUTHORITY HAVING JURISDICTION AND OWNER'S INSURER PRIOR TO BEGINNING ANY FABRICATION OR INSTALLATION WORK.
- I. THIS BUILDING IS TO BE FULLY SUPPRESSED.

GENERAL NOTES - PLUMBING

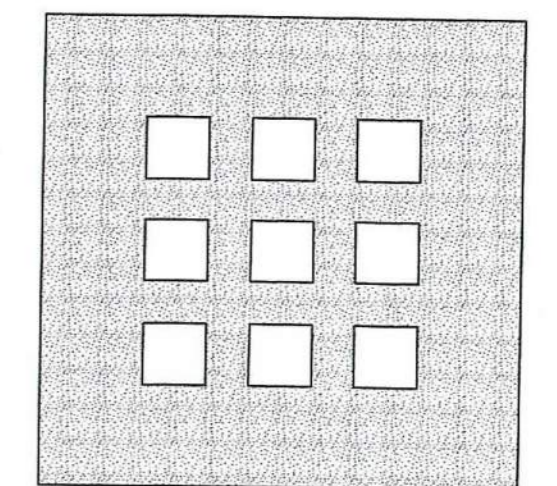
- A. ALL SANITARY PIPING IS BELOW THE FLOOR UNLESS OTHERWISE INDICATED.
- B. ALL VENT PIPING IS ABOVE THE CEILING (AS HIGH AS POSSIBLE IN EXPOSED STRUCTURAL AREAS) UNLESS OTHERWISE INDICATED.
- C. ALL SUPPLY PIPING RISES IN A CHASE/ WALL UNLESS OTHERWISE INDICATED.
- D. REFER TO SCHEDULES, DETAILS AND DIAGRAMS FOR ANY PIPING/PIPE SIZES NOT INDICATED ON FLOOR PLAN.

THIRD FLOOR PLAN - PLUMBING/ FIRE PROT.

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

NOTES

- 1. SANITARY PIPING LOW IN WALL.
- 2. VENT PIPING TO OFFSET BELOW WINDOW AS INDICATED.
- 3. SUPPLY PIPING TO RISE IN WALL; RUN ALONG WALL IN BASE CABINETS AND CONNECT TO SINK (SKD)/ UNDERCOUNTER DISHWASHER AS REQUIRED.
- 4. UNDERCOUNTER DISHWASHER BY GENERAL CONTRACTOR; PLUMBING CONTRACTOR RESPONSIBLE FOR SANITARY WASTE TO WASTE DISPOSER AND HOT WATER SUPPLY FROM SUPPLY PIPING WHICH SERVES SINK FAUCET. CONNECTIONS SHALL BE AS PER LOCAL PLUMBING CODE.
- 5. PIPING CONTINUED BY FIRE PROTECTION CONTRACTOR.



**DOMENECH
HICKS &
KROCKMALNIC
ARCHITECTS**

155 Massachusetts Ave.
Boston, MA 02115
617-267-6408
Fax 617-267-1990

PREPARED FOR:

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ASSOCIATES, LTD.**
4324 WEBSTER STREET
DAYTON, OHIO 45414

No.	Date	Revision

**DAYTON HOPE VI
SENIOR HOUSING**

100% CONSTRUCTION
DRAWINGS - PERMIT SET

THIRD FLOOR PLAN
PLUMBING & FIRE PROTECTION

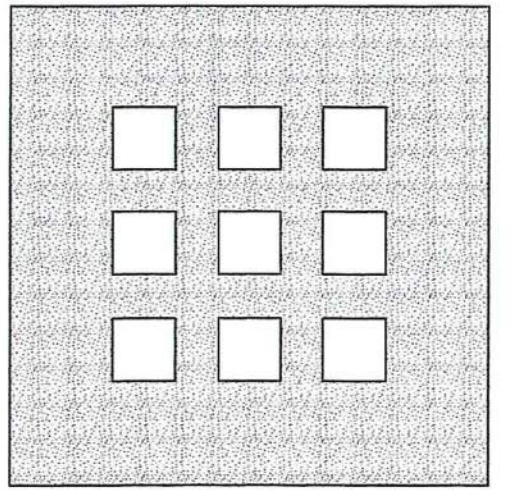
CONTECH DESIGN INC.
Consulting Engineers

519 Windsor Park Dr., Centerville, Ohio 45459
Phone: (937) 435-3722 Fax: (937) 435-4685
Email: engineers@contechdesign.com Engineer Project #020018



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**DOMENECH
HICKS &
KROCKMALNIC
ARCHITECTS**

155 Massachusetts Ave.
Boston, MA 02115
617-267-6408
Fax 617-267-1990

PREPARED FOR:

**DAYTON VIEW
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4324 WEBSTER STREET
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SENIOR HOUSING**

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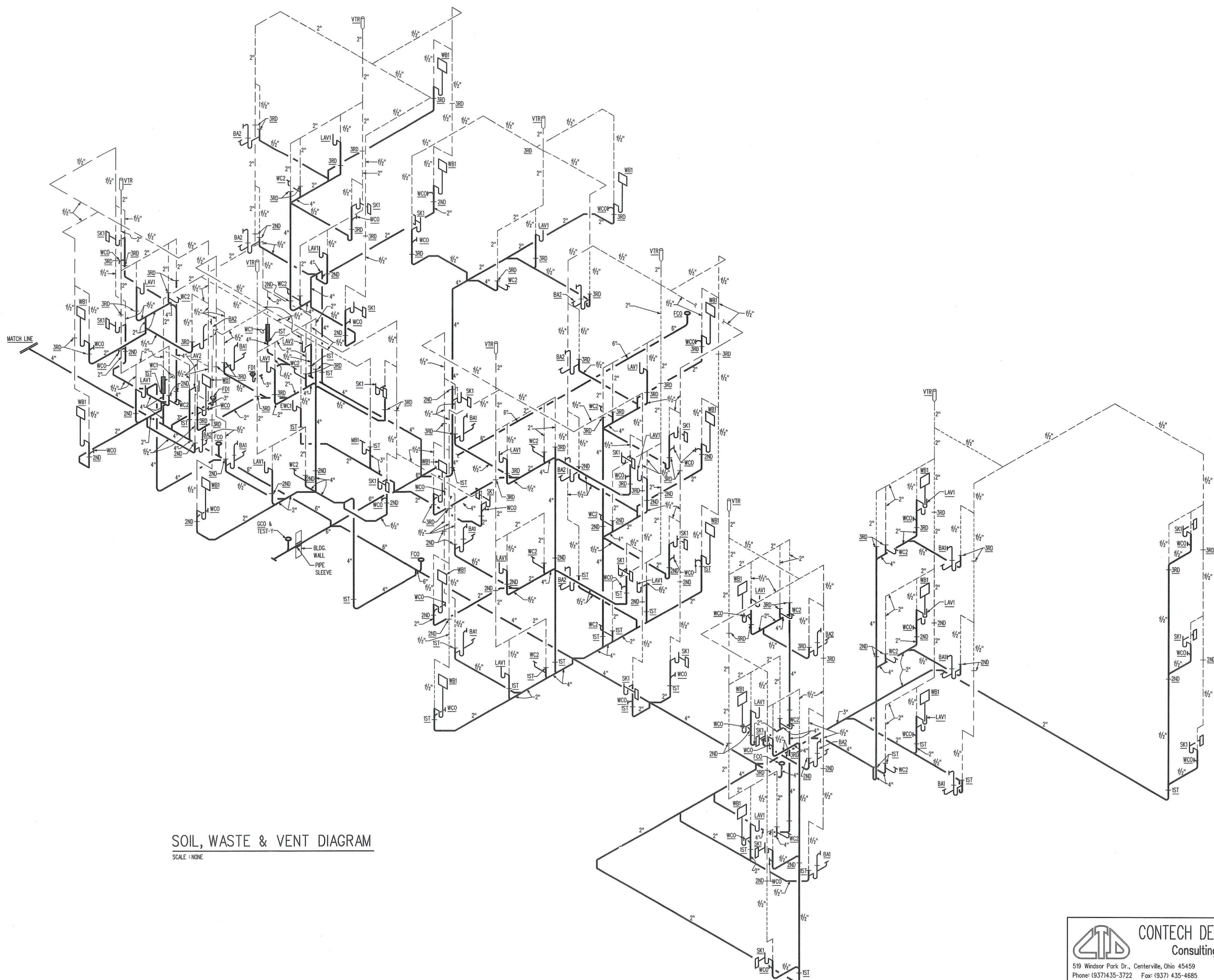
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**SOIL, WASTE & VENT DIAGRAM
PLUMBING**

Scale

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Drawn By: BLM/MKB
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Job No.: 2101.1
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STATE OF OHIO
PARMA NAND SINHA
42622
REGISTERED PROFESSIONAL ENGINEER

PF-1.4

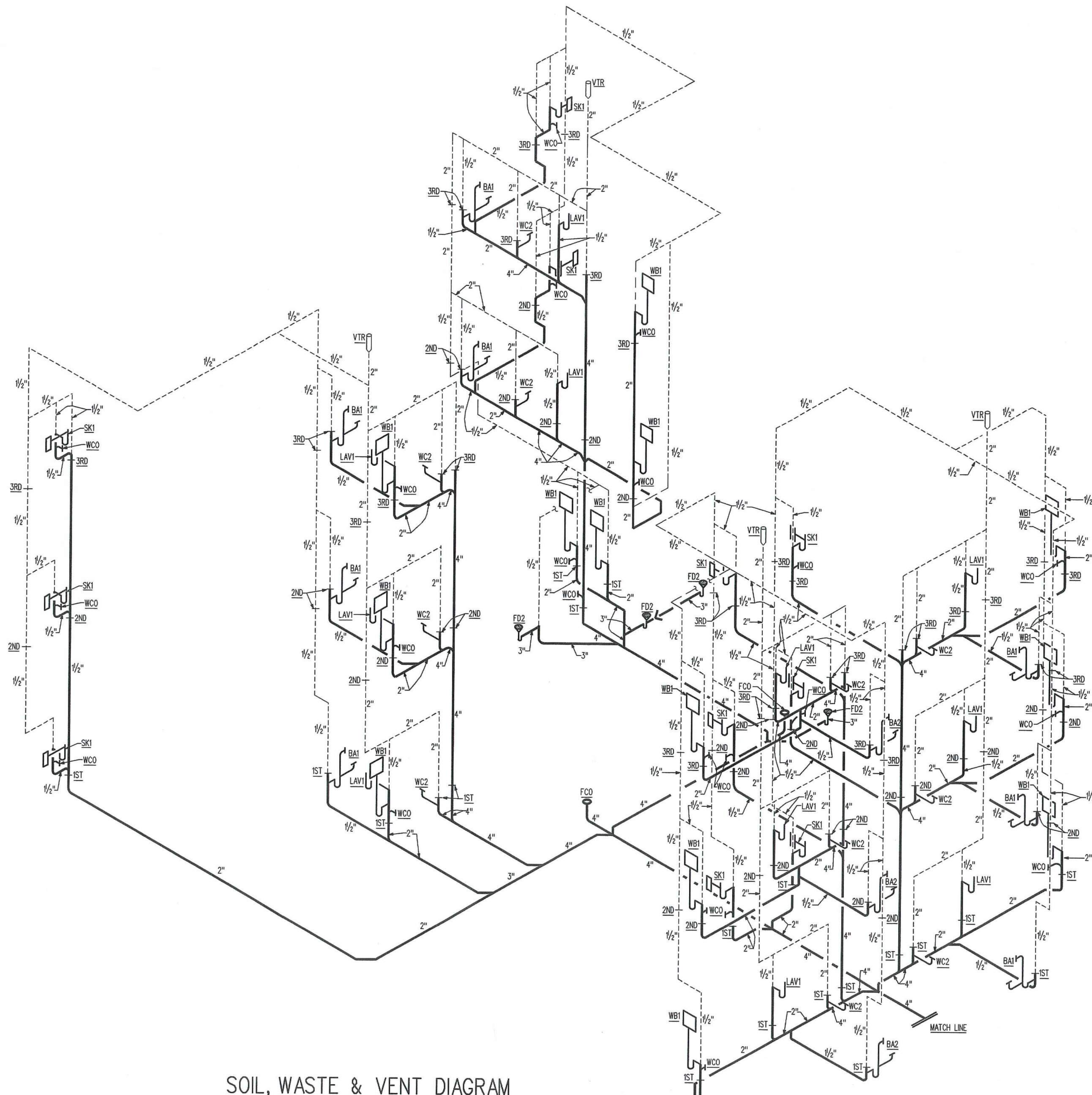


SOIL, WASTE & VENT DIAGRAM
SCALE: NONE

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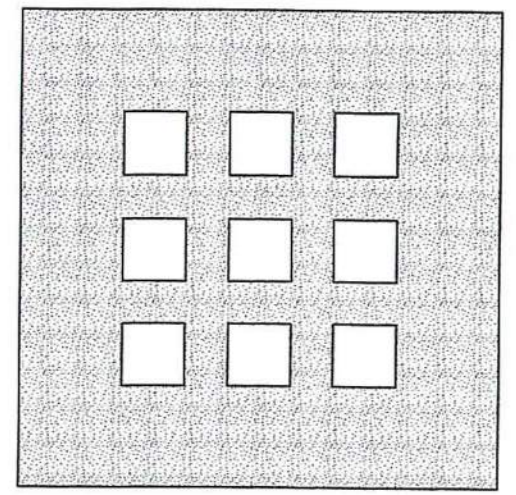
519 Windsor Park Dr., Centerville, Ohio 45459
Phone: (937) 435-3722 Fax: (937) 435-4685
Email: engineers@contechdesign.com

Engineer Project #02001B



SOIL, WASTE & VENT DIAGRAM

SCALE - NONE



**DOMENECH
HICKS &
KROCKMALNIC
ARCHITECTS**

155 Massachusetts Ave.
Boston, MA 02115
617-267-6408
Fax 617-267-1990

PREPARED FOR:

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4324 WEBSTER STREET
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CONTECH DESIGN INC.
Consulting Engineers

519 Windsor Park Dr., Centerville, Ohio 45459
Phone: (937) 435-3722 Fax: (937) 435-4685
Email: engineers@contechdesign.com

Engineer Project #020018

PF-1.5

ROOM HEATING & COOLING UNITS - FIRST FLOOR

GENERAL NOTES:

- HEATING CAPACITY BASED ON 70°F EAT AND 180°F EWT, 20°F WATER TEMP. DROP
- COOLING CAPACITY BASED ON 45°F EWT AND 80°F DB/67.0°F WB EAT.
- MAXIMUM WATER PRESS. DROP THRU COIL 7 FT.
- UNITS FOR FULL & SEMI-RECESSED UNIT WALL OPENING PROVIDED BY GENERAL CONTRACTOR.
- REFER TO SPECIFICATIONS FOR APPROVED EQUALS.

CABINET COLOR SHALL BE SELECTED BY THE ARCHITECT FROM MFR STANDARD COLOR CHART.

UNIT SHALL BE PROVIDED WITH INTERNAL DISCONNECT SWITCH AND/OR INTEGRAL OVERCURRENT PROTECTION AS REQUIRED BY CODE. COORDINATE WITH E.C. AND ELECTRICAL DRAWINGS AS REQUIRED.

VERIFY/COORDINATE CABINET DIMENSIONS, MOUNTING AND RECESS REQUIREMENTS WITH ARCHITECTURAL DRAWINGS PRIOR TO ORDERING.

MOUNTING HEIGHT SHALL BE IN ACCORDANCE WITH THE MFR'S RECOMMENDATIONS AND VERIFIED WITH THE ARCHITECT.

PIPING CONNECTION TO HOT WATER COIL SHALL INCLUDE SHUTOFF VALVE ON SUPPLY, BALANCING-SHUTOFF VALVE ON RETURN, UNIONS AND PRESSURE-TEMPERATURE TEST PLUGS ON SUPPLY AND RETURN. AIR VENT ON COIL AND AUTOMATIC CONTROL VALVE AS INDICATED ON SCHEDULE AND IN SPEC.

MARK	DESCRIPTION	MOUNTING	AREA SERVED	NOM. CFM	HTG. MBH	COOLING (MBH)		ELECTRIC		REMARKS
						TOTAL	V/PH	AMP		
FC1-1	FAN COIL-4 PIPE VERT.	FLOOR-VERT.	RM 119	200	3.2	3.3		15/1		
FC1-2	FAN COIL-4 PIPE VERT.	FLOOR-VERT.	UNIT B-004	200	15.2	20.6				HEATING/COOLING REQUIREMENTS OF FC1-2 & FC1-3
FC1-3	FAN COIL-4 PIPE VERT.	FLOOR-VERT.	UNIT B-002,003	600						
FC1-4	FAN COIL-4 PIPE VERT.	FLOOR-VERT.	UNIT A-003,004	600	12.3	17.8				
FC1-5	FAN COIL-4 PIPE VERT.	FLOOR-VERT.	RM 107, 109	400	12.0	17.8				
FC1-6	FAN COIL-4 PIPE VERT.	FLOOR-VERT.	RM 106, 108	400	12.0	17.8				
FC1-7	FAN COIL-4 PIPE VERT.	FLOOR-VERT.	UNIT A-003,004	600	12.3	17.8				
FC1-8	FAN COIL-4 PIPE VERT.	FLOOR-VERT.	UNIT C-002,003	200	15.2	20.6				HEATING/COOLING REQUIREMENTS OF FC1-8 & FC1-9
FC1-9	FAN COIL-4 PIPE VERT.	FLOOR-VERT.	UNIT C-004	200						
FC1-10	FAN COIL-4 PIPE VERT.	FLOOR-VERT.	UNIT A-004	200	15.2	20.6				HEATING/COOLING REQUIREMENTS OF FC1-10 & FC1-11
FC1-11	FAN COIL-4 PIPE VERT.	FLOOR-VERT.	UNIT A-002,003	600						
FC1-12	FAN COIL-4 PIPE VERT.	FLOOR-VERT.	UNIT A-003,004	600	12.3	17.8				
FC1-13	FAN COIL-4 PIPE VERT.	FLOOR-VERT.	RM 116	800	35.0	40.0				UNIT LOCATED IN COMMUNITY ROOM
FC1-14	FAN COIL-4 PIPE VERT.	FLOOR-VERT.	RM 116	800	35.0	40.0				UNIT LOCATED IN COMMUNITY ROOM
FC1-15	FAN COIL-4 PIPE VERT.	FLOOR-VERT.	UNIT A-003,004	600	12.3	17.8				

ROOM HEATING & COOLING UNITS - SECOND FLOOR

GENERAL NOTES:

- HEATING CAPACITY BASED ON 70°F EAT AND 180°F EWT, 20°F WATER TEMP. DROP
- COOLING CAPACITY BASED ON 45°F EWT AND 80°F DB/67.0°F WB EAT.
- MAXIMUM WATER PRESS. DROP THRU COIL 7 FT.
- UNITS FOR FULL & SEMI-RECESSED UNIT WALL OPENING PROVIDED BY GENERAL CONTRACTOR.
- REFER TO SPECIFICATIONS FOR APPROVED EQUALS.

CABINET COLOR SHALL BE SELECTED BY THE ARCHITECT FROM MFR STANDARD COLOR CHART.

UNIT SHALL BE PROVIDED WITH INTERNAL DISCONNECT SWITCH AND/OR INTEGRAL OVERCURRENT PROTECTION AS REQUIRED BY CODE. COORDINATE WITH E.C. AND ELECTRICAL DRAWINGS AS REQUIRED.

VERIFY/COORDINATE CABINET DIMENSIONS, MOUNTING AND RECESS REQUIREMENTS WITH ARCHITECTURAL DRAWINGS PRIOR TO ORDERING.

MOUNTING HEIGHT SHALL BE IN ACCORDANCE WITH THE MFR'S RECOMMENDATIONS AND VERIFIED WITH THE ARCHITECT.

PIPING CONNECTION TO HOT WATER COIL SHALL INCLUDE SHUTOFF VALVE ON SUPPLY, BALANCING-SHUTOFF VALVE ON RETURN, UNIONS AND PRESSURE-TEMPERATURE TEST PLUGS ON SUPPLY AND RETURN. AIR VENT ON COIL AND AUTOMATIC CONTROL VALVE AS INDICATED ON SCHEDULE AND IN SPEC.

MARK	DESCRIPTION	MOUNTING	AREA SERVED	NOM. CFM	HTG. MBH	COOLING (MBH)		ELECTRIC		REMARKS
						TOTAL	V/PH	AMP		
FC2-1	FAN COIL-4 PIPE VERT.	FLOOR-VERT.	UNIT D-004	200	15.2	20.5		15/1		HEATING/COOLING REQUIREMENTS OF FC2-1 & FC2-16
FC2-2	FAN COIL-4 PIPE VERT.	FLOOR-VERT.	UNIT B-004	200	15.2	20.5				HEATING/COOLING REQUIREMENTS OF FC2-2 & FC2-3
FC2-3	FAN COIL-4 PIPE VERT.	FLOOR-VERT.	UNIT B-002,003	600						
FC2-4	FAN COIL-4 PIPE VERT.	FLOOR-VERT.	UNIT A-003,004	600	12.3	17.8				
FC2-5	FAN COIL-4 PIPE VERT.	FLOOR-VERT.	UNIT A-003,004	600	12.3	17.8				
FC2-6	FAN COIL-4 PIPE VERT.	FLOOR-VERT.	UNIT A-003,004	600	12.3	17.8				
FC2-7	FAN COIL-4 PIPE VERT.	FLOOR-VERT.	UNIT C-002,003	600	12.3	17.8				
FC2-8	FAN COIL-4 PIPE VERT.	FLOOR-VERT.	UNIT C-002,003	600	15.2	20.6				HEATING/COOLING REQUIREMENTS OF FC2-8 & FC2-9
FC2-9	FAN COIL-4 PIPE VERT.	FLOOR-VERT.	UNIT C-004	200						
FC2-10	FAN COIL-4 PIPE VERT.	FLOOR-VERT.	UNIT B-004	200	15.2	20.6				HEATING/COOLING REQUIREMENTS OF FC2-10 & FC2-11
FC2-11	FAN COIL-4 PIPE VERT.	FLOOR-VERT.	UNIT B-002,003	600						
FC2-12	FAN COIL-4 PIPE VERT.	FLOOR-VERT.	UNIT A-003,004	600	12.3	17.8				
FC2-13	FAN COIL-4 PIPE VERT.	FLOOR-VERT.	RM 206	800	46.0	49.0				UNIT LOCATED IN MEETING ROOM
FC2-14	FAN COIL-4 PIPE VERT.	FLOOR-VERT.	UNIT E-003,004	600	12.3	17.8				
FC2-15	FAN COIL-4 PIPE VERT.	FLOOR-VERT.	UNIT A-003,004	600	12.3	17.8				
FC2-16	FAN COIL-4 PIPE VERT.	FLOOR-VERT.	UNIT D-002,003	600	12.3	17.8				

ROOM HEATING & COOLING UNITS - THIRD FLOOR

GENERAL NOTES:

- HEATING CAPACITY BASED ON 70°F EAT AND 180°F EWT, 20°F WATER TEMP. DROP
- COOLING CAPACITY BASED ON 45°F EWT AND 80°F DB/67.0°F WB EAT.
- MAXIMUM WATER PRESS. DROP THRU COIL 7 FT.
- UNITS FOR FULL & SEMI-RECESSED UNIT WALL OPENING PROVIDED BY GENERAL CONTRACTOR.
- REFER TO SPECIFICATIONS FOR APPROVED EQUALS.

CABINET COLOR SHALL BE SELECTED BY THE ARCHITECT FROM MFR STANDARD COLOR CHART.

UNIT SHALL BE PROVIDED WITH INTERNAL DISCONNECT SWITCH AND/OR INTEGRAL OVERCURRENT PROTECTION AS REQUIRED BY CODE. COORDINATE WITH E.C. AND ELECTRICAL DRAWINGS AS REQUIRED.

VERIFY/COORDINATE CABINET DIMENSIONS, MOUNTING AND RECESS REQUIREMENTS WITH ARCHITECTURAL DRAWINGS PRIOR TO ORDERING.

MOUNTING HEIGHT SHALL BE IN ACCORDANCE WITH THE MFR'S RECOMMENDATIONS AND VERIFIED WITH THE ARCHITECT.

PIPING CONNECTION TO HOT WATER COIL SHALL INCLUDE SHUTOFF VALVE ON SUPPLY, BALANCING-SHUTOFF VALVE ON RETURN, UNIONS AND PRESSURE-TEMPERATURE TEST PLUGS ON SUPPLY AND RETURN. AIR VENT ON COIL AND AUTOMATIC CONTROL VALVE AS INDICATED ON SCHEDULE AND IN SPEC.

MARK	DESCRIPTION	MOUNTING	AREA SERVED	NOM. CFM	HTG. MBH	COOLING (MBH)		ELECTRIC		REMARKS
						TOTAL	V/PH	AMP		
FC3-1	FAN COIL-4 PIPE VERT.	FLOOR-VERT.	UNIT D-004	200	18.6	21.1		15/1		HEATING/COOLING REQUIREMENTS OF FC3-1 & FC3-16
FC3-2	FAN COIL-4 PIPE VERT.	FLOOR-VERT.	UNIT B-004	200	18.6	21.1				HEATING/COOLING REQUIREMENTS OF FC3-2 & FC3-3
FC3-3	FAN COIL-4 PIPE VERT.	FLOOR-VERT.	UNIT B-002,003	600						
FC3-4	FAN COIL-4 PIPE VERT.	FLOOR-VERT.	UNIT A-003,004	600	15.8	20.6				
FC3-5	FAN COIL-4 PIPE VERT.	FLOOR-VERT.	UNIT A-003,004	600	15.8	20.6				
FC3-6	FAN COIL-4 PIPE VERT.	FLOOR-VERT.	UNIT A-003,004	600	15.8	20.6				
FC3-7	FAN COIL-4 PIPE VERT.	FLOOR-VERT.	UNIT A-003,004	600	15.8	20.6				
FC3-8	FAN COIL-4 PIPE VERT.	FLOOR-VERT.	UNIT B-002,003	600	18.6	21.1				HEATING/COOLING REQUIREMENTS OF FC3-8 & FC3-9
FC3-9	FAN COIL-4 PIPE VERT.	FLOOR-VERT.	UNIT B-004	200						
FC3-10	FAN COIL-4 PIPE VERT.	FLOOR-VERT.	UNIT B-004	200	18.6	21.0				HEATING/COOLING REQUIREMENTS OF FC3-10 & FC3-11
FC3-11	FAN COIL-4 PIPE VERT.	FLOOR-VERT.	UNIT B-002,003	600						
FC3-12	FAN COIL-4 PIPE VERT.	FLOOR-VERT.	UNIT A-003,004	600	15.8	20.6				
FC3-13	FAN COIL-4 PIPE VERT.	FLOOR-VERT.	UNIT E-003,004	600	15.8	20.6				
FC3-14	FAN COIL-4 PIPE VERT.	FLOOR-VERT.	UNIT E-003,004	600	15.8	20.6				
FC3-15	FAN COIL-4 PIPE VERT.	FLOOR-VERT.	UNIT A-003,004	600	15.8	20.6				
FC3-16	FAN COIL-4 PIPE VERT.	FLOOR-VERT.	UNIT D-002,003	600	15.8	20.6				

FAN SCHEDULE

MARK	QTY REQ'D	FAN TYPE	DUTY	CFM	S.P. W.G.	RPM	MOTOR		DRIVE	BUILDING OPENING	MFR.	MODEL	SERVING AREA/EQUIPMENT	MISCELLANEOUS & ACCESSORIES	NOTES
							HP	VOLT PHASE							
EF-1	1	1	EXHAUST	400	0.25"	1,300	1/25	115	1	DIRECT	---	GREENHECK	SQ-90-G	ELEVATOR MACHINE RM.	1,5,6,9,16,22
SF-1	1	1	INTAKE	1,750	0.60"	1,578	1/2	115	1	BELT	---	GREENHECK	BSO-130-5	BLDG. VENTILATION	5,6,8,9,14
KEF-1	1	12	EXHAUST	740	1.10"	2,378	1/2	115	1	BELT	12 1/2" x 12 1/2"	GREENHECK	CWB-10HP-5	KITCHEN HOOD	9

NOTES:

- REFER TO SPECIFICATIONS FOR OTHER REQUIREMENTS.

ELECTRIC HEATING UNIT SCHEDULE

MARK	QTY REQ'D	DESCRIPTION	MOUNTING	AREA SERVED	CFM	HEATING		ELEC. SERVICE	APPROX. CABINET DIM.			MANUFACTURER	NOTES		
						MBH	WATTS		LENGTH	DEPTH	HEIGHT				
EWH-1	2	FAN FORCED HEATER	WALL	STARWAY- FIRST FLOOR	100	13.6	4.0	4,000	17.0	208/1	14 1/4"	3 3/4"	18"	QMARK AWH-3408	2
EWH-2	2	FAN FORCED HEATER	WALL	STARWAY- SECOND FLOOR	100	10.2	3.0	3,000	14.5	208/1	14 1/4"	3 3/4"	18"	QMARK AWH-3404	2
EWH-3	2	FAN FORCED HEATER	WALL	STARWAY- THIRD FLOOR	100	10.2	3.0	3,000	14.5	208/1	14 1/4"	3 3/4"	18"	QMARK AWH-3404	2
EWH-4	2	FAN FORCED HEATER	RECESS	VESTIBULE *100	100	10.2	3.0	3,000	14.5	208/1	14 1/4"	3 3/4"	18"	QMARK AWH-3404	1
ELH-1	2	UNIT HEATER	WALL	STORAGE AREAS	350	10.2	3.0	3,000	14.5	208/1	14"	7 1/2"	18"	QMARK MUH3-61	

NOTES:

- PROVIDE UNIT WITH REQUIRED MOUNTING HARDWARE TO BE WALL RECESSED, INTEGRAL DISCONNECT SWITCH, A THERMAL OVERLOAD CUTOFF AND A BUILT-IN THERMOSTAT WITH A TAMPER PROOFING KIT. VERIFY WALL CONSTRUCTION WITH ARCHITECT AND UNIT COLOR BEFORE ORDERING (OPTIONAL FINISH IS WHITE).
- PROVIDE UNIT WITH REQUIRED MOUNTING HARDWARE TO BE SURFACE MOUNTED, INTEGRAL DISCONNECT SWITCH, A THERMAL OVERLOAD CUTOFF AND A BUILT-IN THERMOSTAT WITH A TAMPER PROOFING KIT. VERIFY WALL CONSTRUCTION WITH ARCHITECT AND UNIT COLOR BEFORE ORDERING (OPTIONAL FINISH IS WHITE).

AIR DEVICE SCHEDULE

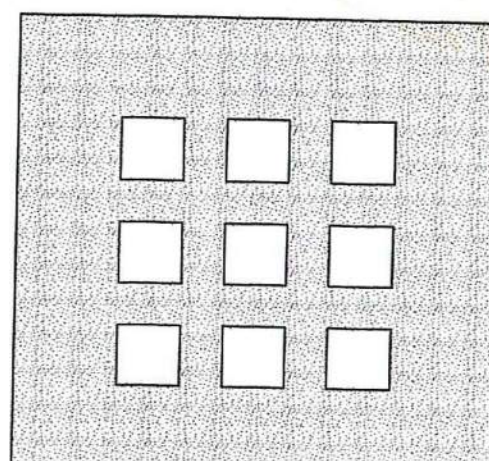
MARK	DEVICE SIZE	NECK SIZE	DUTY	CFM	TYPE	FINISH	MODEL NUMBER		CEILING TYPE / MOUNTING HEIGHT	MISCELLANEOUS	NOTES
							TITLE				
1	24" x 6"	24" x 6"	SUPPLY	SEE DWGS.	4	1	300RL-HD		SURFACE	2	
2	20" x 6"	20" x 6"	SUPPLY	SEE DWGS.	4	1	300RL-HD		SURFACE	2	
3	14" x 6"	14" x 6"	SUPPLY	SEE DWGS.	4	1	300RL-HD		SURFACE	2	

GENERAL NOTES - MECHANICAL

- MECHANICAL CONTRACTOR SHALL ABIDE BY ALL LOCAL AND/OR STATE CODES AUTHORITY GUIDELINES, AND SAFETY RULES.
- MECHANICAL CONTRACTOR SHALL REVIEW THE DRAWINGS AND SPECIFICATIONS OF ALL TRADES PRIOR TO BID. THE MECHANICAL CONTRACTOR WILL BE RESPONSIBLE FOR ALL MECHANICAL WORK MENTIONED IN OTHER TRADES' SPECIFICATIONS AND DRAWINGS.
- INSULATED FLEXIBLE DUCT RUN-OUTS TO AIR DEVICES WILL NOT EXCEED 7'-0".
- CONTRACTOR TO VERIFY ALL CEILING/WALL/FLOOR TYPES BEFORE ORDERING AIR DEVICES WITH ARCHITECTURAL PLANS AND COORDINATE LOCATION WITH ARCHITECTURAL AND ELECTRICAL REFLECTED CEILING PLANS.
- ALL DUCTWORK AND PIPING TO BE RUN ABOVE THE CEILING OR IN THE ATTIC SPACE UNLESS NOTED OTHERWISE.
- ALL DUCTWORK RUN IN ATTIC SPACE TO HAVE A MINIMUM OF 2" WRAPPED INSULATION. INSULATE THE BACK OF ALL AIR DEVICES TO AVOID CONDENSATION.
- MECHANICAL CONTRACTOR TO COORDINATE THE LOCATION OF ALL PIPES, DUCTWORK, UNITS, ETC. WITH ALL OTHER TRADES AND EXISTING STRUCTURE. SHIFT LOCATION OR OFF-SET DUCT WHERE NECESSARY.
- INSTALL ALL MECHANICAL EQUIPMENT AND APPURTENANCES IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS, CONTRACT DOCUMENTS AND APPLICABLE CODES AND REGULATIONS.
- CONTROL WIRING AND CONDUIT SHALL COMPLY WITH THE NATIONAL ELECTRIC CODE (NEC) AND DIV. 16 OF THE SPECIFICATION.
- THE LOCATIONS OF ALL ITEMS SHOWN ON THE DRAWINGS OR CALLED FOR IN THE SPECIFICATIONS THAT ARE NOT DEFINITELY FIXED BY DIMENSIONS ARE APPROXIMATE ONLY. THE EXACT LOCATIONS NECESSARY TO SECURE THE BEST CONDITIONS AND RESULTS MUST BE DETERMINED BY THE PROJECT SITE CONDITIONS AND SHALL HAVE THE APPROVAL OF THE ENGINEER BEFORE BEING INSTALLED. DO NOT SCALE DRAWINGS.
- ALL MISCELLANEOUS STEEL REQUIRED TO ENSURE PROPER INSTALLATION AND AS SHOWN IN DETAILS FOR DUCTWORK PIPING AND EQUIPMENT (UNLESS OTHERWISE NOTED) SHALL BE FURNISHED AND INSTALLED BY THE MECHANICAL CONTRACTOR.
- VERIFY LOCATION AND SPECIFICATIONS OF ALL NEW EQUIPMENT WITH ARCHITECTURAL DWGS AND MFR'S REQUIREMENTS BEFORE DOING ANY MATERIAL TAKE-OFFS.

MECHANICAL LEGEND

DUCTWORK SYMBOLS	MISCELLANEOUS
SA - LOW VELOCITY DUCTWORK	T - THERMOSTAT - ELECTRIC
RA - SUPPLY AIR DUCTWORK	TR - TIMER
EA - RETURN AIR DUCTWORK	HE - EQUIPMENT SYMBOL
FA - EXHAUST AIR DUCTWORK	NS - NOTE SYMBOL
FA - FRESH AIR DUCTWORK	AS - AIR DEVICE SYMBOL
SA - SUPPLY AIR DEVICE W/ FLEX DUCT	NR - ROOM NUMBERS
RA - RETURN OR EXHAUST AIR DEVICE	NC - NEW CONNECTION TO EXISTING
FD - FLEXIBLE DUCTWORK (MAX. 7 FT.)	UC - UNDERCUT DOOR 1/2" BY G.C.
AL - ACoustically LINED DUCTWORK	UC - UNDERCUT DOOR 3/4" BY G.C.
FD - FLEXIBLE DUCT CONNECTION	BL - DOOR LOUVER - NUMBER INDICATES SQUARE FT. OPENING BY G.C.
FD - FIRE DAMPER	MD - DETAIL DESIGNATION
SD - SMOKE DAMPER	M.C. - MECHANICAL CONTRACTOR
BD - BALANCE DAMPER	E.C. - ELECTRICAL CONTRACTOR
TV - TURNING VANES	G.C. - GENERAL CONTRACTOR
MD - MANUAL DAMPER	AF - ABOVE FINISHED FLOOR
SA - SUPPLY AIR	DIA - DIAMETER
RA - RETURN OR EXHAUST AIR	ER - EXISTING TO REMAIN
FC - FAN COIL DESIGNATION	ER - EXISTING TO BE RELOCATED
FAN COIL - FC-1, 200	EE - EXHAUST FAN
FIRST, SECOND, OR THIRD FLOOR	EWH - ELECTRIC WALL HEATER
NOMINAL CFM CAPACITY	ELH - ELECTRIC UNIT HEATER
REFER TO FLOOR PLANS FOR FAN COIL LOCATION	BCP - ELECTRIC RADIANT CEILING PANEL
PIPING SYMBOLS (NOT ALL SYMBOLS MAY BE USED)	
BV - BALANCING VALVE	ST - STEAM TRAP
BL - BALL VALVE	DR - DRAIN VALVE W/HOSE CONN
BV - BUTTERFLY VALVE	SV - SOLENOID VALVE
CR - CONCENTRIC REDUCER	SG - SIGHT GLASS
CS - CIRCUIT SETTER - FLOW CTRL	BP - BRANCH PIPE - BOTTOM
CK - CHECK VALVE	BT - BRANCH PIPE - TOP
ER - ECCENTRIC REDUCER	PC - PIPE CAP
FC - FLEXIBLE PIPE CONNECTOR	PA - PIPE ANCHOR
FS - FLOW SWITCH	PG - PIPE GUIDE
GV - GLOBE VALVE	DF - DIRECTION OF FLOW
GS - GATE / SHUT-OFF VALVE	PI - PITCH OF PIPE
MA - MANUAL AIR VENT	HWS - HOT WATER SUPPLY PIPE
PG - PRESSURE GAUGE	HWR - HOT WATER RETURN PIPE
PU - PIPE UNION	CWS - CHILLED WATER SUPPLY PIPE
RV - RELIEF VALVE	CWR - CHILLED WATER RETURN PIPE
ST - STRAINER	G - GAS PIPE
STW - STRAINER WITH BLOW-DOWN	D - DRAIN PIPE
TM - THERMOMETER	LPR - LOW PRESS. CONDENSATE RETURN PIPE
2W - 2-WAY CONTROL VALVE	PR - PUMPED CONDENSATE RETURN PIPE
3W - 3-WAY CONTROL VALVE	SS - STEAM SUPPLY PIPE (PSIG LISTED)
PR - PRESSURE REDUCING VALVE	

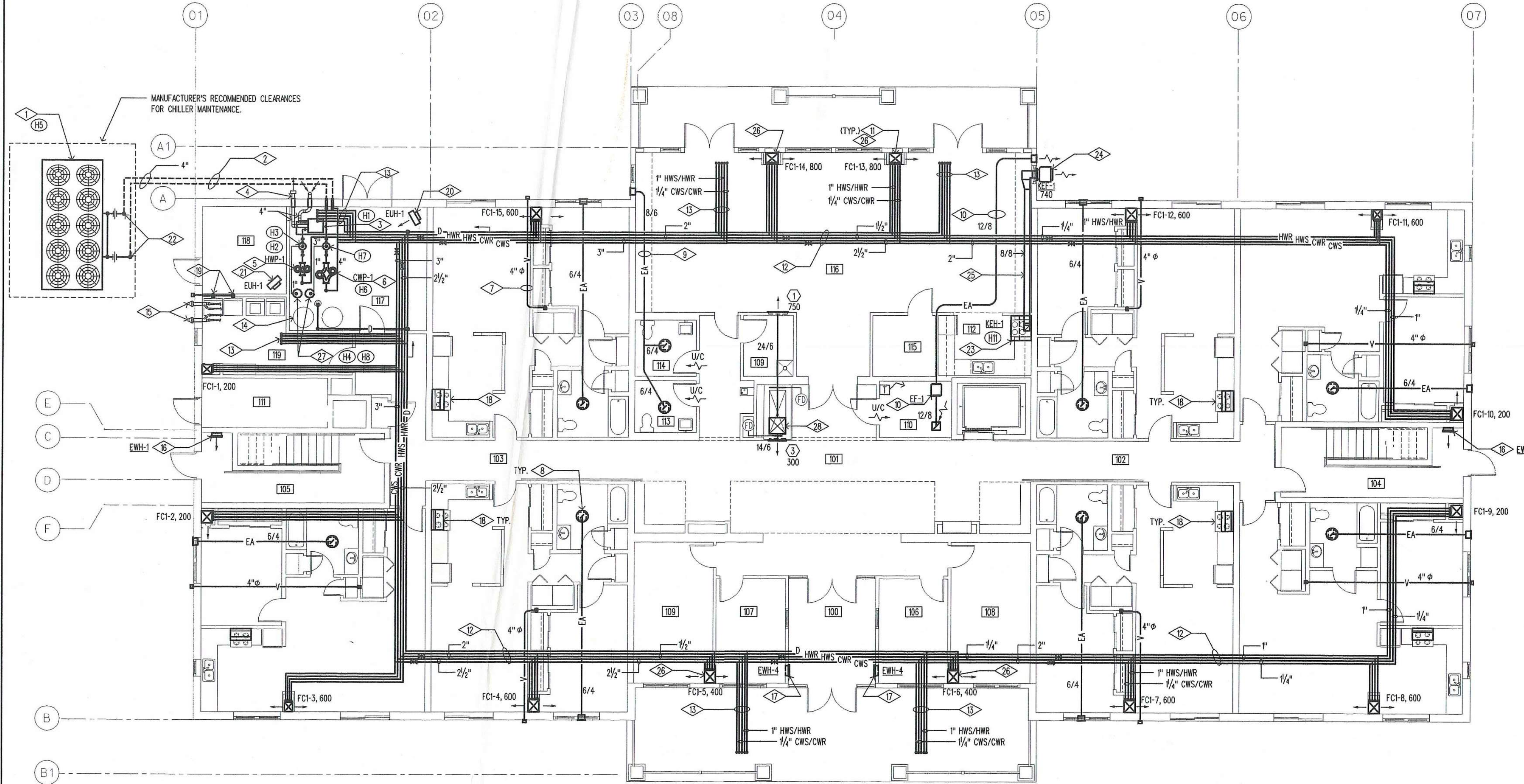


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HICKS &
KROCKMALNIC
ARCHITECTS**

155 Massachusetts Ave.
Boston, MA 02115
617-267-6408
Fax 617-267-1990

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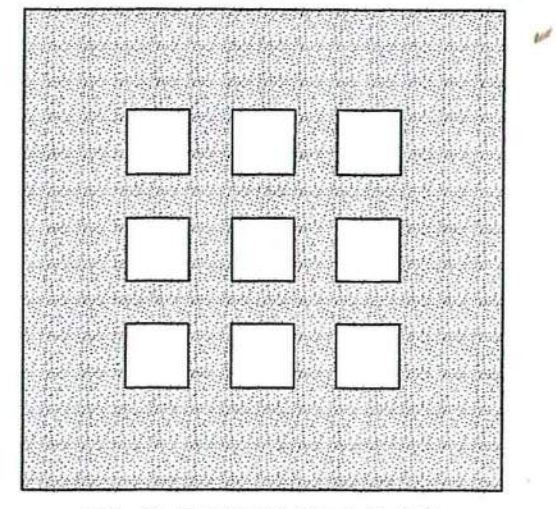


FIRST FLOOR PLAN - MECHANICAL

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

◇ DRAWING NOTES

- 1 NEW 70-TON(NOM) AIR COOLED CHILLER. FINAL LOCATION TO BE DETERMINED. REFER TO SITE PLAN. PROVIDE SECURE ENCLOSURE AROUND PERIMETER OF UNIT. REFER TO ARCHITECTURAL PLAN FOR TYPE AND STYLE OF ENCLOSURE. REFER TO EQUIPMENT DATA AND SPECIFICATIONS.
- 2 CHILLED WATER SUPPLY AND RETURN PIPING TO BE LOCATED IN UNDERGROUND, PRE-INSULATED PIPING CONDUIT. REFER TO SPECIFICATIONS.
- 3 NEW HEATING SYSTEM HOT WATER BOILER, GAS- FIRED, 750,000 BTUH INPUT, 88% EFFICIENCY, WITH INDEPENDENT COMBUSTION AIR AND EXHAUST VENTING. BOILER WATER AND GAS PIPING SHALL FOLLOW MANUFACTURER'S INSTALLATION GUIDELINES.
- 4 HOT WATER BOILER AIR INTAKE AND VENTING LOCATIONS. FOLLOW MFR.'S RECOMMENDED INSTALLATION AND MATERIAL REQUIREMENTS.
- 5 HOT WATER PUMPS, ARMSTRONG SERIES 4302, 3x3/8, 66 GPM @ 65 FT. HD. (2) 5 HP MOTORS.
- 6 CHILLED WATER PUMP, ARMSTRONG SERIES 4302, 4x4x10, 160 GPM @ 75 FT. HD. (2) 7 1/2 HP MOTOR.
- 7 4" DIA. DRYER VENT PIPING TO BE RUN IN JOIST SPACE. VENT PIPING TO SERVE INDIVIDUAL DRYERS FROM SECOND FLOOR UNITS. (TYP.) PROVIDE OUTLET PROTECTION FROM BIRDS AT EACH OUTLET LOCATION.
- 8 EXHAUST FAN WITH LIGHT TO BE CEILING MOUNTED FOR EACH APARTMENT BATHROOM UNIT. ROUTE VENTING AS SHOWN IN BUILDING WALL. NOMINAL 80 CFM EXHAUST.
- 9 EXHAUST FAN WITH LIGHT FOR UNisex RESTROOMS WITH DUCT LOCATED IN JOIST SPACE TO OUTLET VENT AS SHOWN. NOMINAL 75 CFM EXHAUST.
- 10 EXHAUST FAN, 400 CFM, THERMOSTAT CONTROLLED, LOCATED IN ELEVATOR MACHINE ROOM. FAN TO BE ACTIVATED WHEN ROOM TEMPERATURE REACHES 85 DEGREES F., AND WILL CONTINUE TO OPERATE UNTIL ROOM TEMPERATURE IS LOWERED TO 75 DEGREES F. PROVIDE SIGHT-PROOF DOOR GRILLE FOR AIR FLOW MOVEMENT.
- 11 NEW VERTICAL FAN-COOL UNITS, 4 PIPE, LOCATED WITHIN EACH UNIT. TWO-WAY SUPPLY DISCHARGE WITH SINGLE DEFLECTION GRILLES. RETURN AIR TO BE LOCATED IN STANDARD LOCATION. PROVIDE WATERPROOF BASE UNDER ALL UNITS AS REQUIRED BY CODE.
- 12 HEATING/COOLING SYSTEM PIPING WITH CONDENSATE DRAIN LINE, TO BE RUN IN JOIST SPACE. ALL PIPING SHALL BE INSULATED TO PREVENT HEAT LOSS AND CONDENSATION PER THE INSULATION MFR.'S RECOMMENDED GUIDELINES. PIPE HANGERS SHALL BE SPACED AT RECOMMENDED INTERVALS TO ALLOW FOR PIPE EXPANSION AND MOVEMENT.
- 13 PIPING TO/FROM SECOND AND THIRD FLOOR UNITS. FAN COIL UNITS CONNECT VERTICALLY WITH ONE ANOTHER. FOLLOW MANUFACTURER'S INSTALLATION INSTRUCTIONS, AS DIFFERENCES MAY OCCUR BETWEEN EQUIPMENT MANUFACTURERS.
- 14 NEW DOMESTIC WATER HEATER LOCATION, TYP. OF 2. REFER TO SHT.# P11 FOR DOMESTIC HOT AND COLD WATER PIPING.
- 15 CONCENTRIC VENT KIT FOR NEW DOMESTIC WATER HEATERS. FOLLOW MFR.'S INSTALLATION GUIDELINES. (1) CONCENTRIC VENT FOR EACH WATER HEATER.
- 16 4 KW ELECTRIC WALL HEATER LOCATED IN STARWAY LANDING. PROVIDE WITH INTERGRAL THERMOSTAT. INSTALL AT MFR.'S RECOMMENDED HEIGHT IN WALL.
- 17 3 KW ELECTRIC WALL HEATER LOCATED IN ENTRY VESTIBULE. PROVIDE WITH INTERGRAL THERMOSTAT. INSTALL AT MFR.'S RECOMMENDED HEIGHT IN WALL.
- 18 INSTALL OWNER PURCHASED VENTLESS RANGE HOOD PER MFR.'S RECOMMENDATIONS. VERIFY MOUNTING HEIGHT WITH ARCHITECT BEFORE DOING ANY ROUGH-IN WORK. PROVIDE ADDITIONAL MOUNTING HARDWARE AS REQUIRED BY THE MFR.
- 19 INSTALL DRYER VENT ONE ABOVE THE OTHER IN WALL AND EXHAUST TO OUTDOORS.
- 20 3 KW ELECTRIC UNIT HEATER LOCATED IN MECHANICAL ROOM. PROVIDE WITH INTERGRAL THERMOSTAT. INSTALL AT MFR.'S RECOMMENDED HEIGHT IN ROOM.
- 21 3 KW ELECTRIC UNIT HEATER LOCATED IN ELECTRICAL ROOM. PROVIDE WITH INTERGRAL THERMOSTAT. INSTALL AT MFR.'S RECOMMENDED HEIGHT IN ROOM.
- 22 MECHANICAL CONTRACTOR TO COORDINATE WITH THE ELECTRICAL CONTRACTOR ON THE INSTALLATION OF HEAT TAPE TO ALL EXPOSED EXTERIOR PIPING, VALVES, AND EVAPORATOR.
- 23 COMMERCIAL GRADE, TYPE I STAINLESS STEEL KITCHEN HOOD TO SERVE COMMUNITY ROOM KITCHEN. REFER TO SPECIFICATIONS. HOOD IS EXHAUST-ONLY TYPE HOOD WITH FIRE SUPPRESSION.
- 24 SIDEWALL MOUNTED EXHAUST FAN, 740 CFM @ 1" S.P. TO SERVE COMMUNITY ROOM KITCHEN HOOD.
- 25 KITCHEN HOOD DUCTWORK, LOCATED IN BUILDING SOFFIT. PROVIDE ACCESS DOORS AS REQUIRED BY CODE. FITCH DUCT TO DRAIN BACK TO HOOD PER MFR. RECOMMENDATIONS.
- 26 PROVIDE MOUNTING BASE AND CONDENSATE PUMP FOR THIS UNIT. CONNECT CONDENSATE PUMP DRAIN LINE TO OVERHEAD BLDG. CONDENSATE DRAIN LINE.
- 27 FLOOR MOUNTED EXPANSION TANKS FOR HOT AND CHILLED WATER SYSTEM. REFER EQUIPMENT DATA.
- 28 24"x24" SUPPLY AIR DUCT FOR BLDG. VENTILATION AIR LOCATED WITH CHASE. PROVIDE FIRE DAMPERS WHERE NECESSARY TO MEET CODE REQUIREMENTS. REFER TO ARCHITECTURAL DWGS. FOR BLDG. CHASE CONSTRUCTION.



**DOMENECH
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ARCHITECTS**

155 Massachusetts Ave.
Boston, MA 02115
617-267-6408
Fax 617-267-1990

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No.	Date	Revision

**DAYTON HOPE VI
SENIOR HOUSING**

**100% CONSTRUCTION
DRAWINGS - PERMIT SET**

Title
**FIRST FLOOR PLAN
MECHANICAL**

Scale

File Name

Drawn By

Checked By

Job No.

Date

2101.1

06-24-02

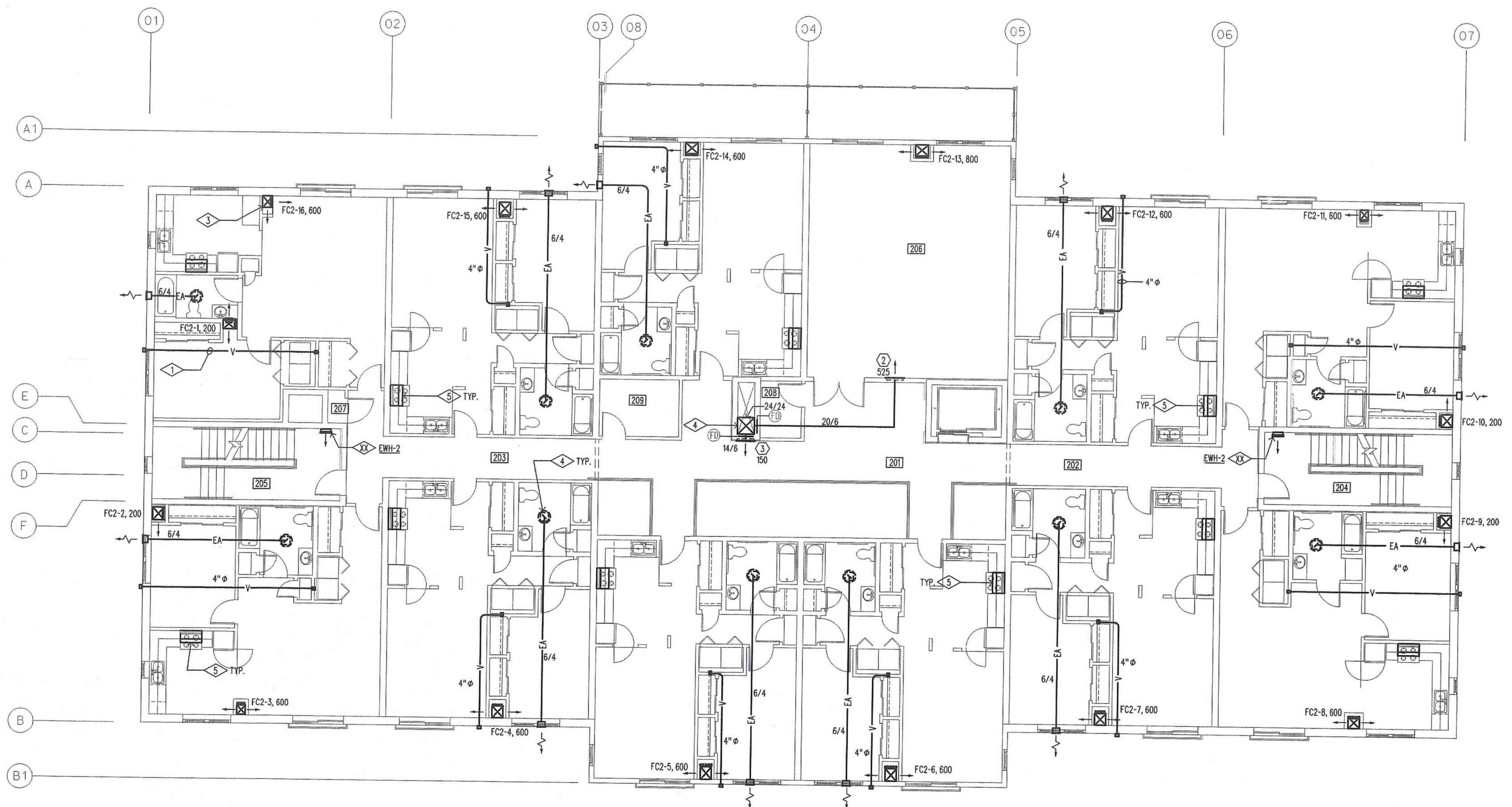
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42622
REGISTERED PROFESSIONAL ENGINEER

M-1.1

CONTECH DESIGN INC.
Consulting Engineers

519 Windsor Park Dr., Centerville, Ohio 45459
Phone: (937)435-3722 Fax: (937) 435-4685
Email: engineers@contechdesign.com

Engineer Project #02001B

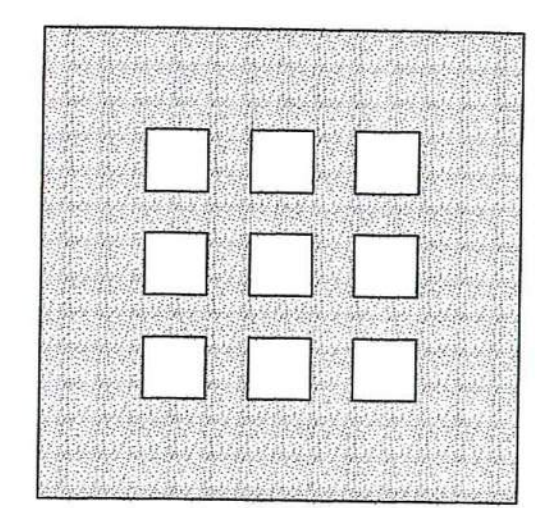


SECOND FLOOR PLAN - MECHANICAL

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

DRAWING NOTES

- 1 4" DIA DRYER VENT PIPING TO BE RUN IN JOIST SPACE. VENT PIPING TO SERVE INDIVIDUAL DRYERS FROM SECOND FLOOR UNITS. (TYP.) REFER TO SHT. M11 FOR VENT ROUTING FROM SECOND FLOOR DRYER LOCATIONS.
- 2 4" DIA DRYER VENT PIPING TO BE RUN IN JOIST SPACE. VENT PIPING TO SERVE INDIVIDUAL DRYERS FROM THIRD FLOOR UNITS. (TYP.) PROVIDE OUTLET PROTECTION FROM BRDS AT EACH OUTLET LOCATION.
- 3 NEW VERTICAL FAN-COIL UNITS, 4 PIPE, LOCATED WITHIN EACH UNIT. TWO-WAY SUPPLY DISCHARGE WITH SINGLE DEFLECTION GRILLES. RETURN AIR TO BE LOCATED IN STANDARD LOCATION. PROVIDE WATERPROOF BASE UNDER ALL UNITS AS REQUIRED BY CODE.
- 4 NEW BATHROOM EXHAUST FAN WITH LIGHT. RUN EXHAUST DUCT IN JOIST SPACE TO EXHAUST LOUVER IN BUILDING WALL. NOMINAL 80 CFM CAPACITY.
- 5 INSTALL OWNER PURCHASED VENTLESS RANGE HOOD PER MFR'S RECOMMENDATIONS. VERIFY MOUNTING HEIGHT WITH ARCHITECT BEFORE DOING ANY ROUGH-IN WORK. PROVIDE ADDITIONAL MOUNTING HARDWARE AS REQUIRED BY THE MFR.
- 6 24"x24" SUPPLY AIR DUCT FOR BLDG. VENTILATION AIR LOCATED WITH CHASE. PROVIDE FIRE DAMPERS WHERE NECESSARY TO MEET CODE REQUIREMENTS. REFER TO ARCHITECTURAL DWGS. FOR BLDG. CHASE CONSTRUCTION.



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SECOND FLOOR PLAN
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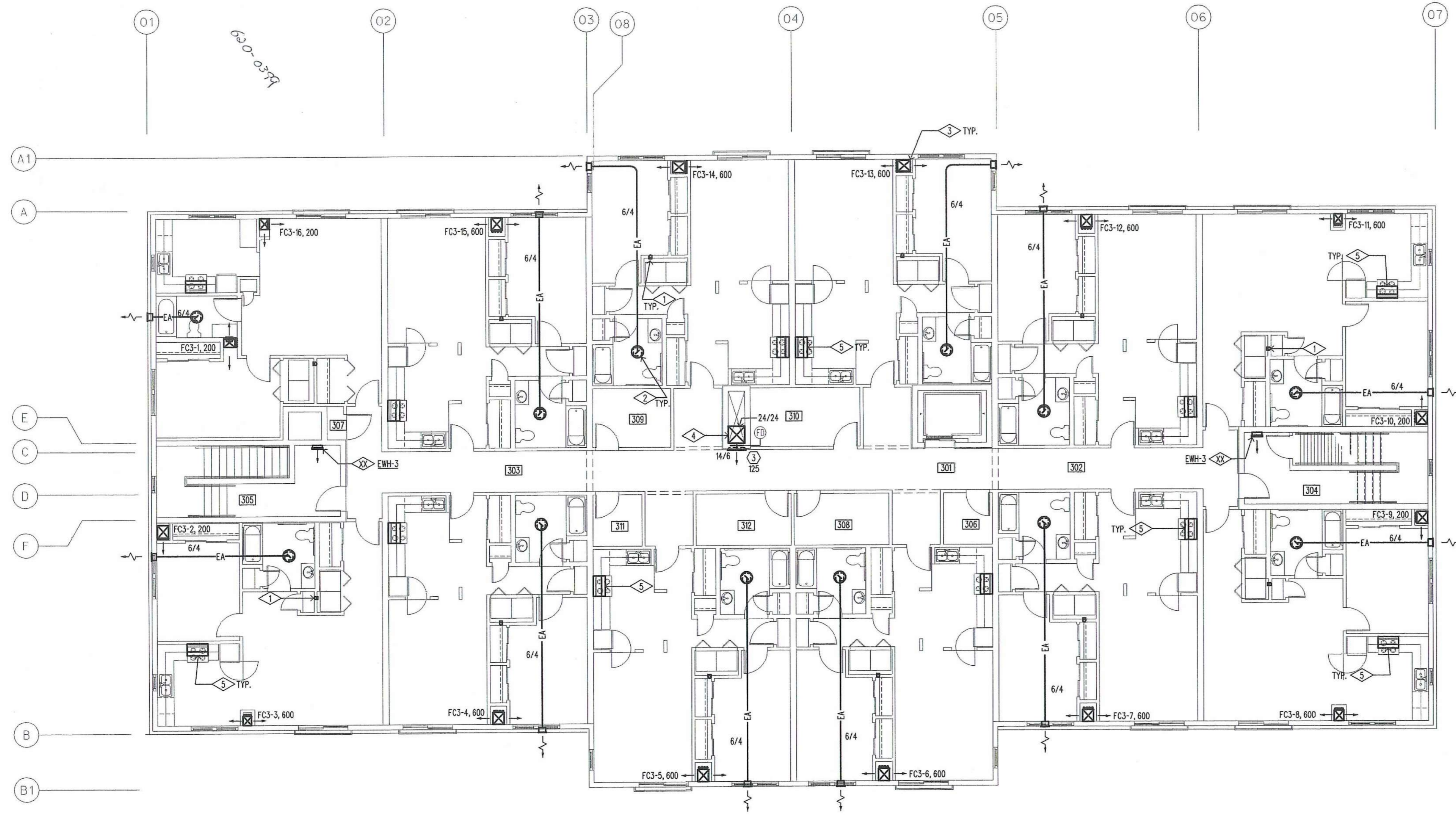
CONTECH DESIGN INC.
Consulting Engineers

519 Windsor Park Dr., Centerville, Ohio 45459
Phone: (937) 435-3722 Fax: (937) 435-4685
Email: engineers@contechdesign.com Engineer Project #0200B



File Name	
Drawn By	
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Job No.	2101.1
Date	06-24-02

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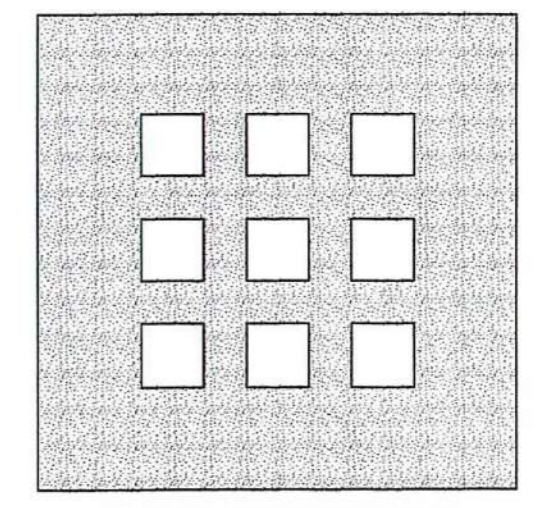


THIRD FLOOR PLAN - MECHANICAL

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

◇ DRAWING NOTES

- 1 4" DIA DRYER VENT PIPING TO BE RUN THROUGH CEILING SPACE TO ROOF VENT. VENT PIPING TO SERVE INDIVIDUAL DRYERS FROM THIRD FLOOR UNITS. (TYP.)
- 2 NEW BATHROOM EXHAUST FAN WITH LIGHT. RUN EXHAUST DUCT IN ATTIC SPACE TO EXHAUST LOUVER IN BUILDING WALL.
- 3 NEW VERTICAL FAN-COIL UNITS, 4 PIPE, LOCATED WITHIN EACH UNIT. TWO-WAY SUPPLY DISCHARGE WITH SINGLE DEFLECTION GRILLES. RETURN AIR TO BE LOCATED IN STANDARD LOCATION. PROVIDE WATERPROOF BASE UNDER ALL UNITS AS REQUIRED BY CODE.
- 4 24"x24" SUPPLY AIR DUCT FOR BLDG. VENTILATION AIR LOCATED WITH CHASE. PROVIDE FIRE DAMPERS WHERE NECESSARY TO MEET CODE REQUIREMENTS. REFER TO ARCHITECTURAL DWGS. FOR BLDG. CHASE CONSTRUCTION.
- 5 INSTALL OWNER PURCHASED VENTLESS RANGE HOOD PER MFR'S RECOMMENDATIONS. VERIFY MOUNTING HEIGHT WITH ARCHITECT BEFORE DOING ANY ROUGH-IN WORK. PROVIDE ADDITIONAL MOUNTING HARDWARE AS REQUIRED BY THE MFR.



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Boston, MA 02115
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Fax 617-267-1990

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THIRD FLOOR PLAN
MECHANICAL

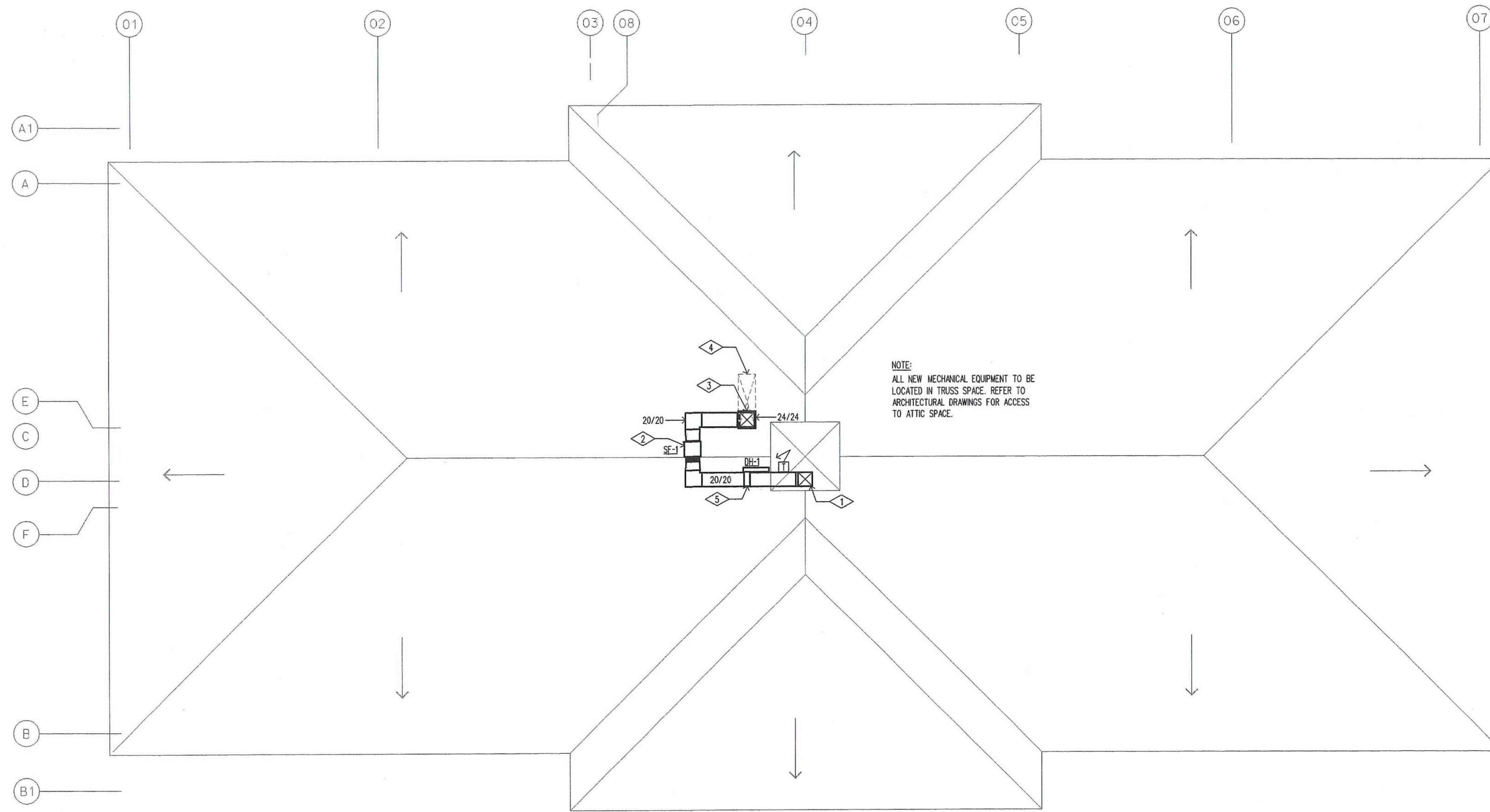
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Consulting Engineers

519 Windsor Park Dr., Centerville, Ohio 45459
Phone: (937)435-3722 Fax: (937) 435-4685
Email: engineers@contechdesign.com Engineer Project #020018



File Name	
Drawn By	Parma Nand Sinha
Checked By	
Job No.	PNS 2101.1
Date	06-24-02

M-1.3

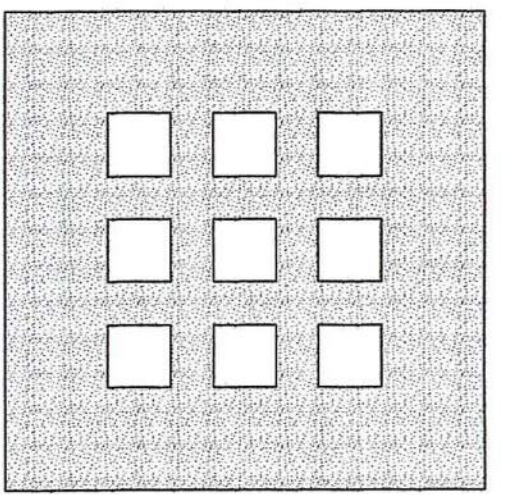


ROOF PLAN - MECHANICAL

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

◇ DRAWING NOTES

- 1 20" x 20" INLET DUCT FOR VENTILATION AIR. CONNECT TO CUPOLA INTAKE LOUVER. SUPPORT DUCTWORK FROM ROOF TRUSSES. INSULATE DUCT PER SPECIFICATIONS.
- 2 NEW VENTILATION AIR SUPPLY FAN, 1,750 CFM AT 0.75" S.P. REFER TO SCHEDULE ON SHT. M10
- 3 NEW 24" x 24" SUPPLY AIR DUCT IN CHASE. PROVIDE FIRE DAMPERS AT FLOOR LEVEL PER CODE.
- 4 BUILDING CHASE FOR SUPPLY AIR DUCT. REFER TO ARCHITECTURAL DRAWINGS.
- 5 NEW 25 KW DUCT HEATER TO TEMPER VENTILATION SUPPLY AIR. PROVIDE WITH DUCT THERMOSTAT, 208/60/3, 2-STAGE HEATING. REFER TO ELECTRICAL DRAWINGS FOR CIRCUITING OF EQUIPMENT.



**DOMENECH
HICKS &
KROCKMALNIC
ARCHITECTS**

155 Massachusetts Ave.
Boston, MA 02115
617-267-6408
Fax 617-267-1990

PREPARED FOR:

**DAYTON VIEW
ASSOCIATES, LTD.**
4324 WEBSTER STREET
DAYTON, OHIO 45414

No.	Date	Revision

**DAYTON HOPE VI
SENIOR HOUSING**

**100% CONSTRUCTION
DRAWINGS - PERMIT SET**

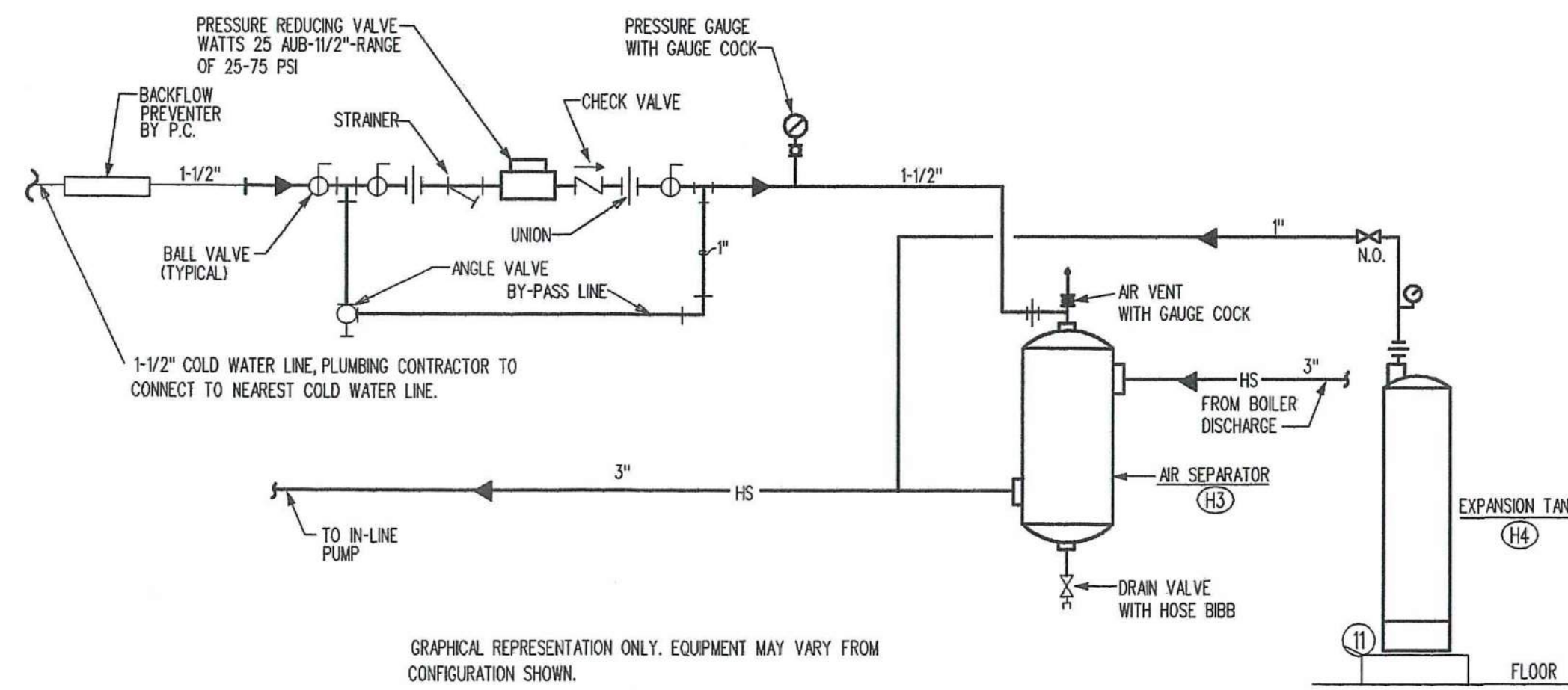
ROOF PLAN
MECHANICAL

Scale	
File Name	
Drawn By	
Checked By	
Date	

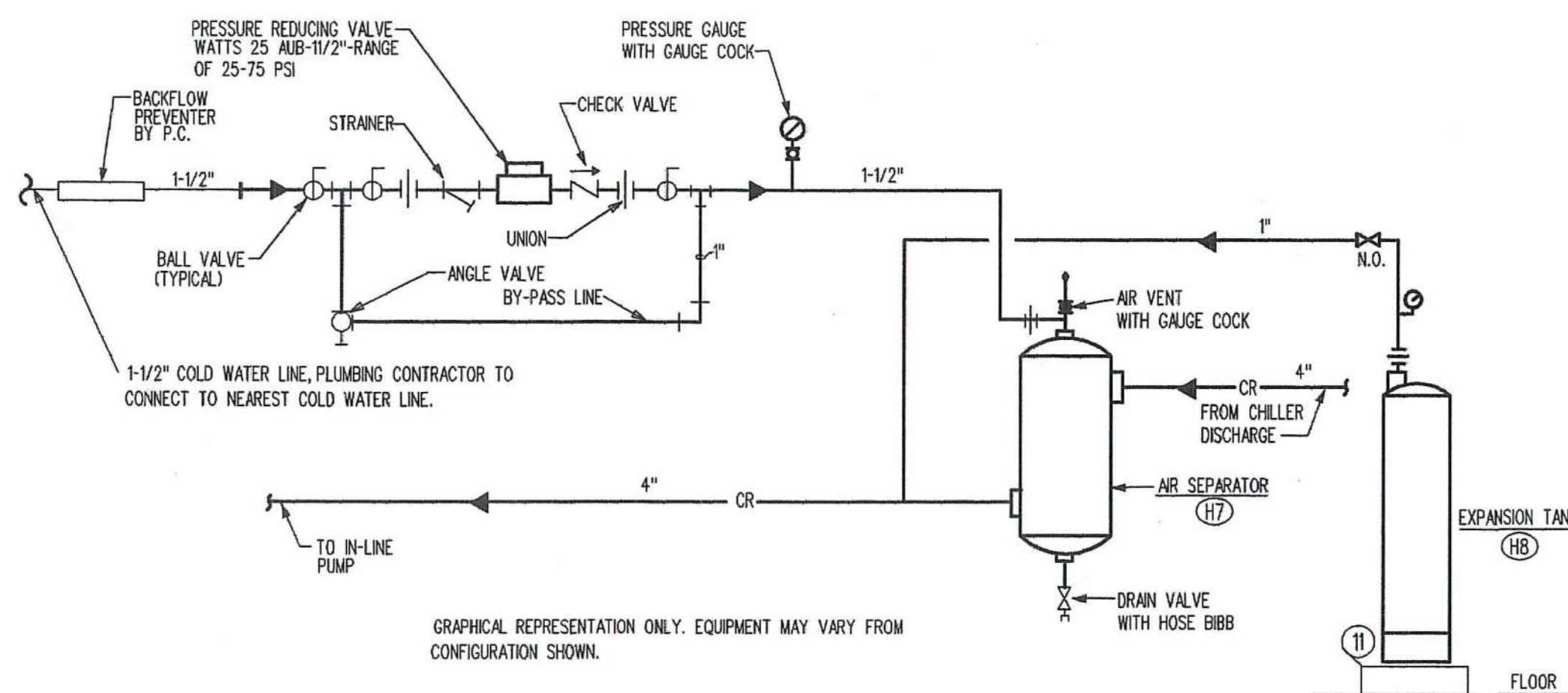
CONTECH DESIGN INC.
Consulting Engineers

519 Windsor Park Dr., Centerville, Ohio 45459
Phone: (937) 435-3722 Fax: (937) 435-4685
Email: engineers@contechdesign.com Engineer Project #0200B

M-1.4



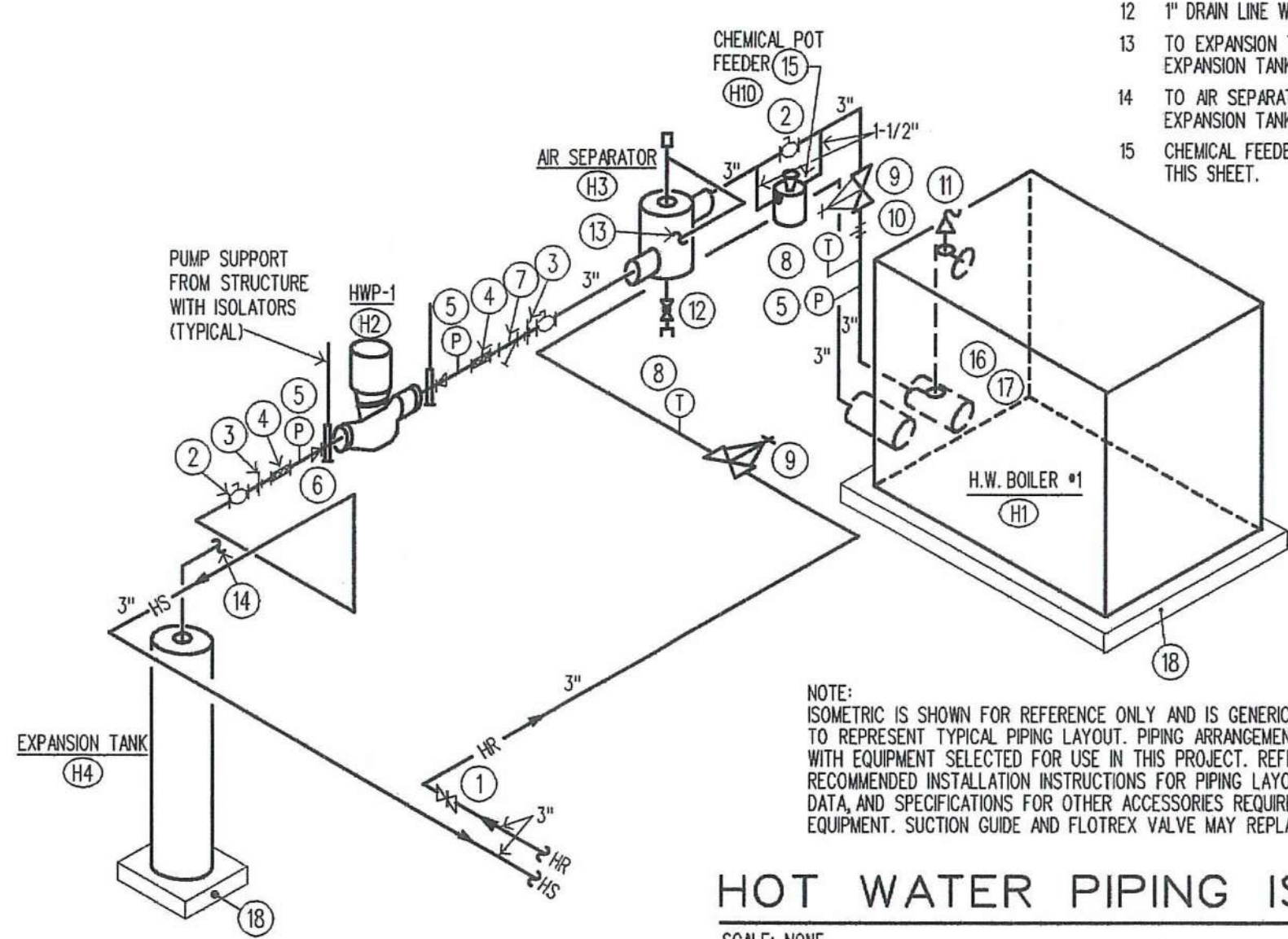
**HOT WATER
MAKE-UP WATER & EXPANSION TANK PIPING** (A)
SCALE: NONE M1.5



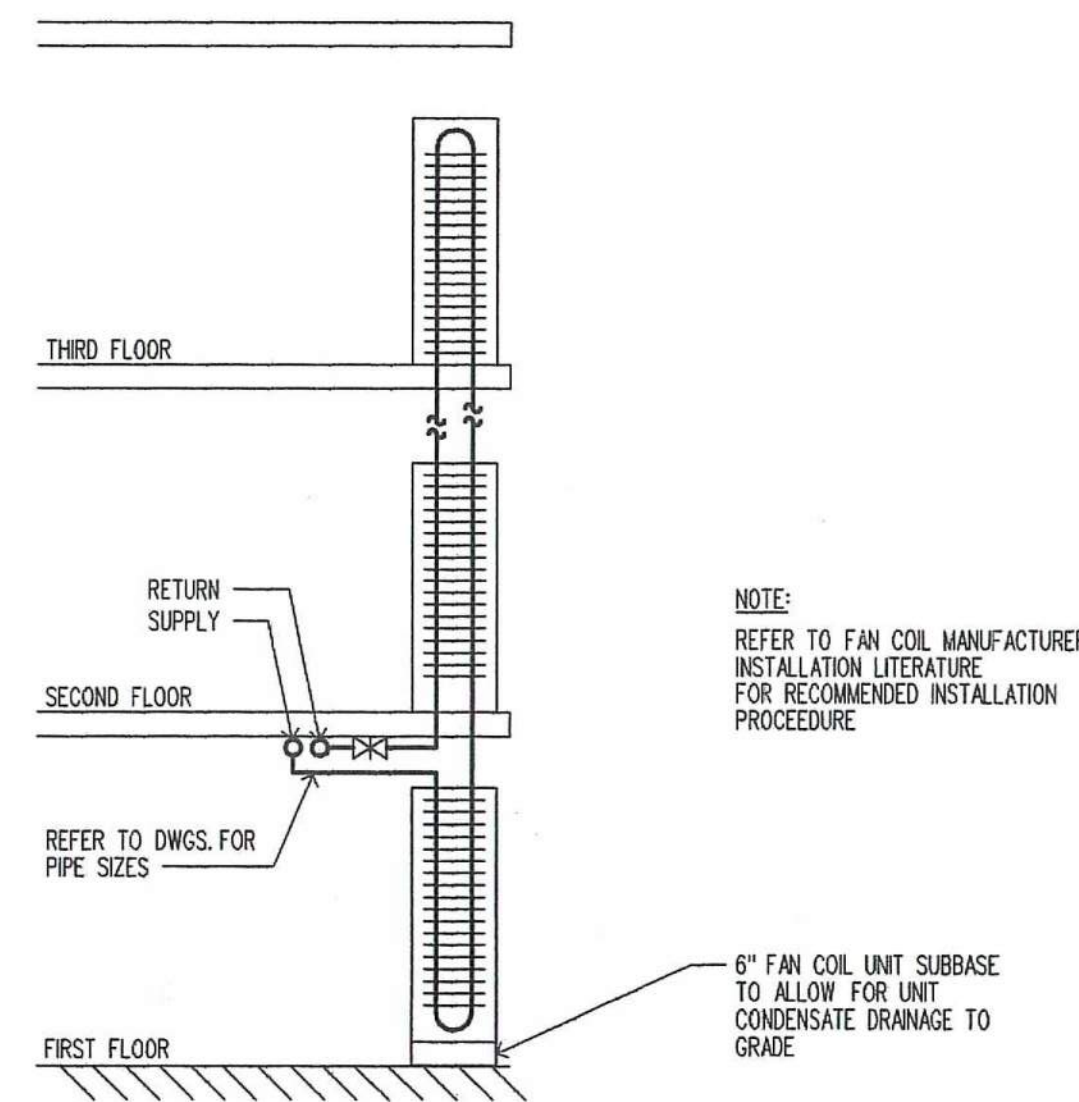
**CHILLED WATER
MAKE-UP WATER & EXPANSION TANK PIPING** (B)
SCALE: NONE M1.5

1 NOMENCLATURE:

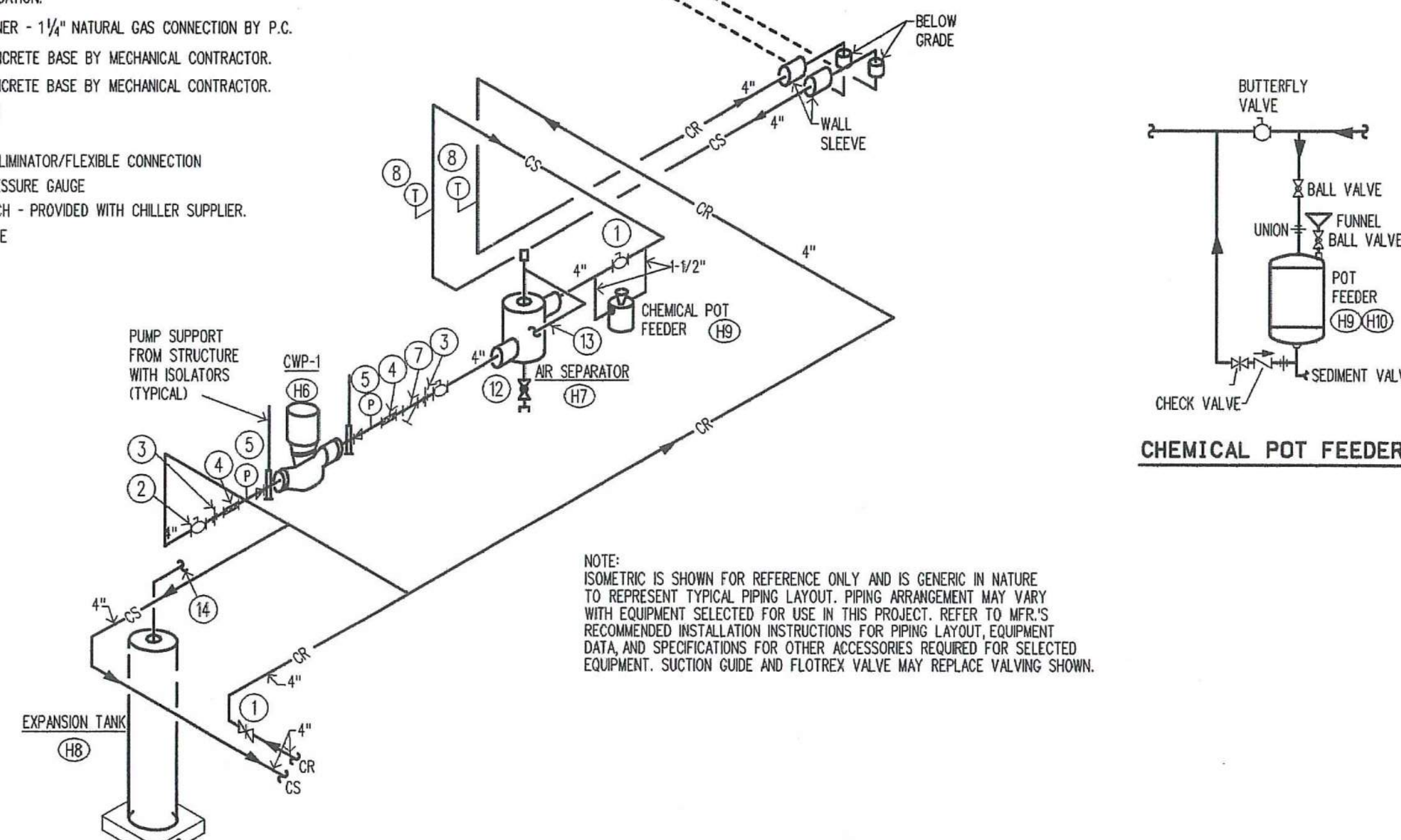
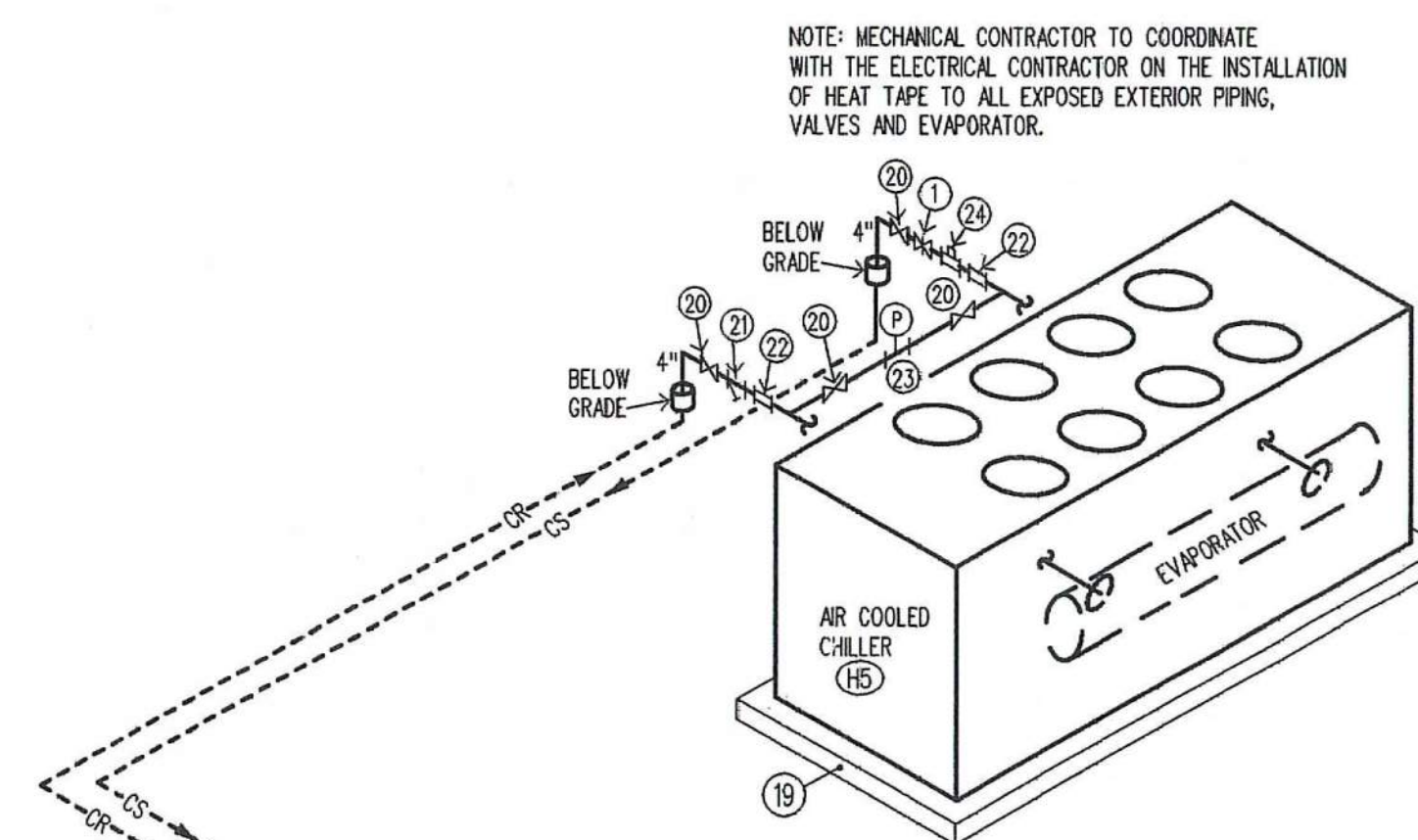
- | | |
|---|--|
| 1 BALANCING VALVE - CIRCUIT SETTER, ARMSTRONG OR EQUAL | 16 BOILER FLUE - 4" INLET/OUTLET - REFER TO FLOOR PLAN FOR CONTINUATION. |
| 2 BUTTERFLY VALVE | 17 BOILER BURNER - 1/4" NATURAL GAS CONNECTION BY P.C. |
| 3 UNION | 18 4" HIGH CONCRETE BASE BY MECHANICAL CONTRACTOR. |
| 4 PIPE FLEXIBLE VIBRATION ISOLATOR | 19 6" HIGH CONCRETE BASE BY MECHANICAL CONTRACTOR. |
| 5 PRESSURE GAUGE. | 20 GATE VALVE |
| 6 REDUCER | 21 STRAINER |
| 7 STRAINER WITH BLOW-DOWN VALVE. | 22 VIBRATION ELIMINATOR/FLEXIBLE CONNECTION |
| 8 DIAL THERMOMETER | 23 VALVED PRESSURE GAUGE |
| 9 SHUT-OFF VALVE WITH HANDLE. | 24 FLOW SWITCH - PROVIDED WITH CHILLER SUPPLIER. |
| 10 THERMAL WELL FOR BOILER CONTROL. | 25 CHECK VALVE |
| 11 PRESSURE RELIEF VALVE - SET AT 60 PSI | |
| 12 1" DRAIN LINE WITH BALL VALVE AND HOSE CONNECTION. | |
| 13 TO EXPANSION TANK - REFER TO MAKE-UP WATER AND EXPANSION TANK PIPING DETAIL, THIS SHEET. | |
| 14 TO AIR SEPARATOR - REFER TO MAKE-UP WATER AND EXPANSION TANK PIPING DETAIL, THIS SHEET. | |
| 15 CHEMICAL FEEDER WITH FUNNEL - REFER TO DETAIL, THIS SHEET. | |



HOT WATER PIPING ISOMETRIC (D)
SCALE: NONE M1.5



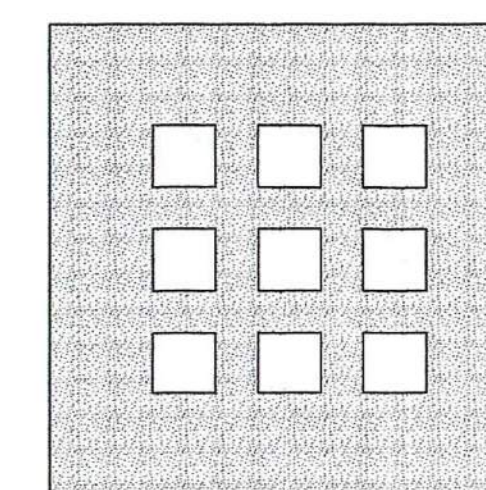
FAN COIL PIPING DETAIL (C)
SCALE: NONE M1.5



CHILLED WATER PIPING ISOMETRIC (E)
SCALE: NONE M1.5

EQUIPMENT DATA

- H1 HOT WATER BOILER- NATURAL GAS**
TYPE: COPPER-FINED WATER BOILER
CAPACITY: 750 MBH INPUT, 650 MBH OUTPUT
PHY. SIZE - 28" X 30" X 6' HIGH
FLUE SIZE - 4" DIA.
GAS SIZE - 1/4" AT 14" W.G. MAX.
ELECTRIC - 1/4HP, 208V-3 PHASE (BLOWER)
ACCESSORIES - SEE SPECIFICATIONS
MFR - THERMAL SOLUTIONS MODEL EVH-750
- H2 HOT WATER PUMP (HWP-1)**
TYPE: IN-LINE
CAPACITY: 66 GPM AT 65 FT.HD. PRESS., 80% EFF.
SUCT. & DISCH. SIZE: 3" PIPE
ELECTRIC: (2) 5 HP, 208V-3 PHASE, 1750 RPM
ACCESSORIES - SUCTION VALVE, FLO-TREX VALVE.
MFR - ARMSTRONG SERIES 4302, 3x3x8
- H3 AIR SEPARATOR TANGENTIAL (IN-LINE) HOT WATER SYSTEM**
SIZE - 2 1/2" HIGH CAPACITY VENT
MFR - ARMSTRONG MODEL VAS-2 1/2
- H4 EXPANSION TANK - HOT WATER SYSTEM**
TYPE - PRESSURIZED EXPANSION TANK-VERTICAL (BLADDER TYPE)
MFR - JOHN WOOD CO., JAE-25-012
- H5 AIR COOLED CHILLER: (1 REQUIRED)**
CAPACITY: 73.6 TONS
PHY. SIZE - 16'-3"L. X 7'-4"W. X 7'-4"H
AMBIENT AIR TEMP. - 95.0 F.
LVG. WATER TEMP. - 44.0 F.
COMPRESSORS - (2) 38.6 TONS EACH
EVAPORATOR - WATER VOL. 37.3 GAL.
40% ETHYLENE GLYCOL TO BE USED IN THIS CHILLER
ELECTRIC - 208V-3 PHASE, 88.7 KW TOTAL POWER
OPERATING WEIGHT - 7,365 LBS.
ACCESSORIES - 6" CONCRETE PAD-COORDINATE LOCATION AND PAD SIZE WITH G.C.
FLOW SWITCH, LOW AMBIENT CONTROL, HEAT TAPE ON EVAPORATOR AND EXPOSED CHILLED WATER PIPING & VALVES, PROVIDE A GFI(20V, 10 AMP) CONVENIENCE OUTLET IN CONTROL PANEL-WIRED BY E.C.
MFR - TRANE MODEL RTAA 80, OR EQUAL BY CARRIER.
- H6 CHILLED WATER PUMP (CWP-1)**
TYPE: IN-LINE CENTRIFUGAL
CAPACITY: 160.0 GPM AT 75 FT.HD. PRESS., 80% EFF.
SUCT. & DISCH. SIZE: 4" PIPE
ELECTRIC: (2) 7 1/2HP, 208V-3 PHASE, 1750 RPM
ACCESSORIES - SUCTION VALVE, FLO-TREX VALVE
MFR - ARMSTRONG SERIES 4302, 4x4x10
- H7 AIR SEPARATOR TANGENTIAL (IN-LINE) CHILLED WATER SYSTEM**
SIZE - 4" AIR SCOOP WITH HIGH CAPACITY VENT
MFR - ARMSTRONG A4P-4
- H8 EXPANSION TANK - CHILLED WATER SYSTEM**
TYPE - PRESSURIZED EXPANSION TANK-VERTICAL (BLADDER TYPE)
MFR - JOHN WOOD CO., JAE-23-603
- H9 CHEMICAL POT FEEDER - CHILLED WATER SYSTEM**
2 GALLON POT FEEDER WITH VALVES AND FUNNEL.
- H10 CHEMICAL POT FEEDER - HOT WATER SYSTEM**
2 GALLON POT FEEDER WITH VALVES AND FUNNEL.
- H11 BACKSHELF CANOPY KITCHEN HOOD EXHAUST SYSTEM**
TYPE: BACKSHELF CANOPY STYLE HOOD - EXHAUST ONLY
SIZE: 3'-0" LONG X 29" WIDE X 24" HIGH
MFR & MODEL NO. - GREENHECK "GHPE"
EXHAUST COLLAR - 8" x 8"
ELECTRICAL EXH. FAN: 1/2 HP, 120V-1 PHASE, 2,378 FRPM
WALL OPENING: 12 1/2" x 12 1/2"
MFR & MODEL NO. EXH. FAN GREENHECK "CWB-10HP-5"
ACCESSORIES: 3-GANG CONTROL PANEL (IF REQUIRED)
BAFFLE GREASE FILTERS, FUSIBLE LINK DAMPER & ANSUL CHEMICAL FIRE SUPPRESSION SYSTEM
- NOTE:
MECHANICAL CONTRACTOR TO VERIFY CODE REQUIREMENTS FOR COMMERCIAL KITCHEN HOOD BEFORE INSTALLATION OF EQUIPMENT. THIS SHALL INCLUDE THE FIRE SUPPRESSION SYSTEM.



**DOMENECH
HICKS &
KROCKMALNIC
ARCHITECTS**

155 Massachusetts Ave.
Boston, MA 02115
617-267-6408
Fax 617-267-1990

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No.	Date	Revision

**DAYTON HOPE VI
SENIOR HOUSING**

100% CONSTRUCTION
DRAWINGS - PERMIT SET

LEGEND, SCHEDULES & DETAILS -
MECHANICAL

File Name
Drawn By
Checked By
Job No.
Date

Scale

STATE OF OHIO
PARMA
NAND
SINHA
42622
PROFESSIONAL ENGINEER

Checked By: PNS
Date: 2/10/11
Drawing No.: M-1.5
06-24-02

CONTECH DESIGN INC.
Consulting Engineers

519 Windsor Park Dr., Centerville, Ohio 45459
Phone: (937)435-3722 Fax: (937) 435-4685
Email: engineers@contechdesign.com Engineer Project #02001B

MECHANICAL EQUIPMENT SCHEDULE

EQUIPMENT DESIGNATION	DESCRIPTION	AMP	HP	KW	VOLTAGE	DISCONNECT	FUSE	STARTER	CONDUIT & WIRE	REMARKS
EF-1	EXHAUST FAN	.9	1/25	.1	120	FURN. W/EQUIP.			2 #12 & 1#12 GRND, 3/4" C.	
KEF-1	KITCHEN EXHAUST FAN	9.8	1/2	1.18	120	FURN. W/EQUIP.			2 #12 & 1#12 GRND, 3/4" C.	
SF-1	SUPPLY FAN	9.8	1/2	1.18	120	FURN. W/EQUIP.			2 #10 & 1#10 GRND, 3/4" C.	
EH-1	ELECTRIC WALL HEATER	19.3		4	208-1	INTEGRAL			2 #12 & 1#12 GRND, 3/4" C.	
EH-2	ELECTRIC WALL HEATER	19.3		4	208-1	INTEGRAL			2 #12 & 1#12 GRND, 3/4" C.	
EH-3	ELECTRIC WALL HEATER	14.3		3	208-1	INTEGRAL			2 #12 & 1#12 GRND, 3/4" C.	
EH-4	ELECTRIC WALL HEATER	14.3		3	208-1	INTEGRAL			2 #12 & 1#12 GRND, 3/4" C.	
EH-5	ELECTRIC WALL HEATER	14.3		3	208-1	INTEGRAL			2 #12 & 1#12 GRND, 3/4" C.	
EH-6	ELECTRIC WALL HEATER	14.3		3	208-1	INTEGRAL			2 #12 & 1#12 GRND, 3/4" C.	
EH-7	ELECTRIC WALL HEATER	14.3		3	208-1	INTEGRAL			2 #12 & 1#12 GRND, 3/4" C.	
UH-1	ELECTRIC UNIT HEATER	14.5		3	208-1	PANEL BREAKER			2 #12 & 1#12 GRND, 3/4" C.	
UH-2	ELECTRIC UNIT HEATER	14.5		3	208-1	30A-2P-WF-NH			2 #12 & 1#12 GRND, 3/4" C.	
DH-1	DUCT HEATER	79		25	208-3	100A-3P-F-NH	80		3 #3 & 1#8 GRND, 3/4" C.	
BLR	BOILER	6	1/4	2.16	208-3	30A-3P-F-NH	10		3 #12 & 1#12 GRND, 3/4" C.	
HWP-1	HOT WATER PUMP	17.5	5	6.3	208-3	30A-3P-F-NH	25		3 #12 & 1#12 GRND, 3/4" C.	
CHR	CHILLER	39		88.7	208-3	400A-3P-WF-NHR			3 #500 & 1#3 GRND, 4" C.	
CWP-1	CHILLED WATER PUMP	25.3	7 1/2	9.11	208-3	60A-3P-F-NH	40		3 #8 & 1#8 GRND, 3/4" C.	
FC-1	FAN COOL UNIT	1	.1	.1	120	MANUAL STARTER SW.			2 #12 & 1#12 GRND, 3/4" C.	
FC-2	FAN COOL UNIT	1	.1	.1	120	MANUAL STARTER SW.			2 #12 & 1#12 GRND, 3/4" C.	
FC-3	FAN COOL UNIT	2.3	.27	.27	120	MANUAL STARTER SW.			2 #12 & 1#12 GRND, 3/4" C.	
FC-4	FAN COOL UNIT	2.3	.27	.27	120	MANUAL STARTER SW.			2 #12 & 1#12 GRND, 3/4" C.	
FC-5	FAN COOL UNIT	1.5	.15	.15	120	MANUAL STARTER SW.			2 #12 & 1#12 GRND, 3/4" C.	
FC-6	FAN COOL UNIT	1.5	.15	.15	120	MANUAL STARTER SW.			2 #12 & 1#12 GRND, 3/4" C.	
FC-7	FAN COOL UNIT	2.3	.27	.27	120	MANUAL STARTER SW.			2 #12 & 1#12 GRND, 3/4" C.	
FC-8	FAN COOL UNIT	1	.1	.1	120	MANUAL STARTER SW.			2 #12 & 1#12 GRND, 3/4" C.	
FC-9	FAN COOL UNIT	1	.1	.1	120	MANUAL STARTER SW.			2 #12 & 1#12 GRND, 3/4" C.	
FC-10	FAN COOL UNIT	1	.1	.1	120	MANUAL STARTER SW.			2 #12 & 1#12 GRND, 3/4" C.	
FC-11	FAN COOL UNIT	2.3	.27	.27	120	MANUAL STARTER SW.			2 #12 & 1#12 GRND, 3/4" C.	
FC-12	FAN COOL UNIT	2.3	.27	.27	120	MANUAL STARTER SW.			2 #12 & 1#12 GRND, 3/4" C.	
FC-13	FAN COOL UNIT	3	.345	.345	120	MANUAL STARTER SW.			2 #12 & 1#12 GRND, 3/4" C.	
FC-14	FAN COOL UNIT	3	.345	.345	120	MANUAL STARTER SW.			2 #12 & 1#12 GRND, 3/4" C.	
FC-15	FAN COOL UNIT	2.3	.27	.27	120	MANUAL STARTER SW.			2 #12 & 1#12 GRND, 3/4" C.	
FC-16	FAN COOL UNIT	1	.1	.1	120	MANUAL STARTER SW.			2 #12 & 1#12 GRND, 3/4" C.	
FC-17	FAN COOL UNIT	1	.1	.1	120	MANUAL STARTER SW.			2 #12 & 1#12 GRND, 3/4" C.	
FC-18	FAN COOL UNIT	2.3	.27	.27	120	MANUAL STARTER SW.			2 #12 & 1#12 GRND, 3/4" C.	
FC-19	FAN COOL UNIT	2.3	.27	.27	120	MANUAL STARTER SW.			2 #12 & 1#12 GRND, 3/4" C.	
FC-20	FAN COOL UNIT	2.3	.27	.27	120	MANUAL STARTER SW.			2 #12 & 1#12 GRND, 3/4" C.	
FC-21	FAN COOL UNIT	2.3	.27	.27	120	MANUAL STARTER SW.			2 #12 & 1#12 GRND, 3/4" C.	
FC-22	FAN COOL UNIT	2.3	.27	.27	120	MANUAL STARTER SW.			2 #12 & 1#12 GRND, 3/4" C.	
FC-23	FAN COOL UNIT	2.3	.27	.27	120	MANUAL STARTER SW.			2 #12 & 1#12 GRND, 3/4" C.	
FC-24	FAN COOL UNIT	2.3	.27	.27	120	MANUAL STARTER SW.			2 #12 & 1#12 GRND, 3/4" C.	
FC-25	FAN COOL UNIT	2.3	.27	.27	120	MANUAL STARTER SW.			2 #12 & 1#12 GRND, 3/4" C.	
FC-26	FAN COOL UNIT	2.3	.27	.27	120	MANUAL STARTER SW.			2 #12 & 1#12 GRND, 3/4" C.	
FC-27	FAN COOL UNIT	2.3	.27	.27	120	MANUAL STARTER SW.			2 #12 & 1#12 GRND, 3/4" C.	
FC-28	FAN COOL UNIT	2.3	.27	.27	120	MANUAL STARTER SW.			2 #12 & 1#12 GRND, 3/4" C.	
FC-29	FAN COOL UNIT	1	.1	.1	120	MANUAL STARTER SW.			2 #12 & 1#12 GRND, 3/4" C.	
FC-30	FAN COOL UNIT	1	.1	.1	120	MANUAL STARTER SW.			2 #12 & 1#12 GRND, 3/4" C.	
FC-31	FAN COOL UNIT	2.3	.27	.27	120	MANUAL STARTER SW.			2 #12 & 1#12 GRND, 3/4" C.	
FC-32	FAN COOL UNIT	2.3	.27	.27	120	MANUAL STARTER SW.			2 #12 & 1#12 GRND, 3/4" C.	
FC-33	FAN COOL UNIT	2.3	.27	.27	120	MANUAL STARTER SW.			2 #12 & 1#12 GRND, 3/4" C.	
FC-34	FAN COOL UNIT	2.3	.27	.27	120	MANUAL STARTER SW.			2 #12 & 1#12 GRND, 3/4" C.	
FC-35	FAN COOL UNIT	2.3	.27	.27	120	MANUAL STARTER SW.			2 #12 & 1#12 GRND, 3/4" C.	
FC-36	FAN COOL UNIT	2.3	.27	.27	120	MANUAL STARTER SW.			2 #12 & 1#12 GRND, 3/4" C.	
FC-37	FAN COOL UNIT	2.3	.27	.27	120	MANUAL STARTER SW.			2 #12 & 1#12 GRND, 3/4" C.	
FC-38	FAN COOL UNIT	2.3	.27	.27	120	MANUAL STARTER SW.			2 #12 & 1#12 GRND, 3/4" C.	
FC-39	FAN COOL UNIT	1	.1	.1	120	MANUAL STARTER SW.			2 #12 & 1#12 GRND, 3/4" C.	
FC-40	FAN COOL UNIT	1	.1	.1	120	MANUAL STARTER SW.			2 #12 & 1#12 GRND, 3/4" C.	
FC-41	FAN COOL UNIT	2.3	.27	.27	120	MANUAL STARTER SW.			2 #12 & 1#12 GRND, 3/4" C.	
FC-42	FAN COOL UNIT	2.3	.27	.27	120	MANUAL STARTER SW.			2 #12 & 1#12 GRND, 3/4" C.	
FC-43	FAN COOL UNIT	2.3	.27	.27	120	MANUAL STARTER SW.			2 #12 & 1#12 GRND, 3/4" C.	
FC-44	FAN COOL UNIT	2.3	.27	.27	120	MANUAL STARTER SW.			2 #12 & 1#12 GRND, 3/4" C.	
FC-45	FAN COOL UNIT	2.3	.27	.27	120	MANUAL STARTER SW.			2 #12 & 1#12 GRND, 3/4" C.	
FC-46	FAN COOL UNIT	2.3	.27	.27	120	MANUAL STARTER SW.			2 #12 & 1#12 GRND, 3/4" C.	
WH	WATER HEATER	5	1/5	.6	120	MANUAL STARTER SW.			2 #12 & 1#12 GRND, 3/4" C.	
RWP	RECIRCULATING PUMP	4.4	1/6	.528	120	MANUAL STARTER SW.			2 #12 & 1#12 GRND, 3/4" C.	
SUMP	SUMP PUMP	6.9	1/3	.828	120	CORD & PLUG			2 #12 & 1#12 GRND, 3/4" C.	

NOTE: VERIFY EXACT ELECTRICAL REQUIREMENTS WITH ACTUAL EQUIPMENT SUPPLIED AND COORDINATE ANY CHANGES FROM THE ABOVE REQUIREMENTS WITH THE CONTRACTOR SUPPLYING THE EQUIPMENT.

GENERAL NOTES - ELECTRICAL

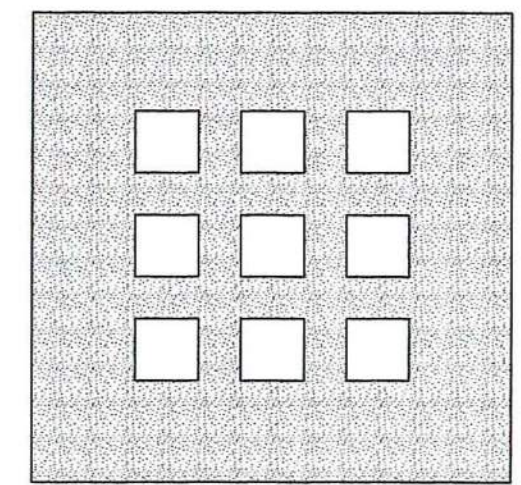
- G1. ALL MATERIALS AND INSTALLATIONS SHALL CONFORM WITH THE DRAWINGS AND SPECIFICATIONS. FAILURE TO ADHERE TO THIS REQUIREMENT MAY REQUIRE THE ENGINEER'S TIME TO REVIEW AND RESOLVE THE ISSUE. CHANGES TO THE DRAWINGS WILL BE BILLED TO THE CONTRACTOR FOR PAYMENT.
- G2. THE ELECTRICAL CONTRACTOR SHALL REVIEW THE DRAWINGS AND SPECIFICATIONS OF ALL TRADES PRIOR TO BID. THE ELECTRICAL CONTRACTOR WILL BE RESPONSIBLE FOR ALL OF THE ELECTRICAL WORK MENTIONED IN THE OTHER TRADES' SPECIFICATIONS AND DRAWINGS.
- G3. ALL MATERIALS AND INSTALLATIONS SHALL CONFORM TO ALL APPLICABLE CODES, REGULATIONS AND SAFETY CODES.
- G4. THE DRAWINGS AND SPECIFICATIONS DO NOT SHOW OR SPECIFY EVERY SINGLE COMPONENT MAKING UP A PARTICULAR SYSTEM. FOR EXAMPLE, SOME OF THE COMPONENTS INCLUDE RELAYS, AUXILIARY CONTACTS, CONTROL TRANSFORMERS, FUSES, OVERLOAD SIZING, MISCELLANEOUS CONTROL WIRING, ETC.... THE CONTRACTOR SHALL FURNISH AND INSTALL THESE ITEMS, WHERE NEEDED, AND INCLUDE THE COST IN THEIR BID. COST EXTRAS WILL NOT BE ALLOWED FOR THESE ITEMS. IT IS URGENT ON THE CONTRACTOR TO STUDY THE DRAWINGS, OBTAIN CLARIFICATION FROM ENGINEER PRIOR TO BID AND INCLUDE THE COST IN THE BID.
- G5. THE CONTRACTOR SHALL NOT TAKE UPON HIMSELF TO RELOCATE, CHANGE LAYOUT, CHANGE WIRING METHODS, MOUNTING METHODS, MANUFACTURERS, ETC..., WITHOUT THE WRITTEN PERMISSION OF THE ENGINEER. FAILURE TO OBTAIN PERMISSION WILL PLACE RESPONSIBILITY FOR EXTRA COST TO CORRECT THE PROBLEM ON THE CONTRACTOR AS WELL AS ANY LIABILITY THAT ARISES DUE TO FAILURE TO COMPLY WITH THE CONTRACT DOCUMENTS.
- G6. BOND ALL PIPING SYSTEMS INCLUDING WATER AND GAS PER NEC 250-104.
- G7. ALL EXPOSED MATERIALS AND EQUIPMENT SHALL BE INSTALLED AND SUPPORTED IN A FIRST-CLASS AND WORKMANLIKE FASHION. CONDUIT SHALL RUN PARALLEL AND/OR PERPENDICULAR TO THE BUILDING STRUCTURE. ANY WORK THAT IS NOT DONE IN A FIRST-CLASS OR WORKMANLIKE FASHION, IN THE ARCHITECT'S OPINION, SHALL BE REDONE AT THE CONTRACTOR'S EXPENSE.
- G8. THE ELECTRICAL CONTRACTOR SHALL INCLUDE ANY OVERTIME THAT MIGHT BE REQUIRED TO PERFORM THEIR WORK INVOLVING AN OUTAGE IN THEIR BID.
- G9. ACTUAL CONDUIT ROUTINGS ARE THE RESPONSIBILITY OF THE CONTRACTOR. COORDINATE WITH THE OTHER TRADES AND THE ARCHITECT.
- G10. ALL WIRING SHALL BE INSTALLED IN CONDUIT OR RATED FOR RETURN AIR PLENUM.
- G11. NEW CONDUIT PENETRATIONS THROUGH ANY FIRE OR SMOKE RATED WALLS SHALL BE SEALED WITH APPROVED FIRESTOPPING MATERIAL.
- G12. ALL CIRCUITS SHALL HAVE A FULL-SIZE NEUTRAL. ALL FLUORESCENT AND HID LIGHTING CIRCUITS SHALL HAVE EITHER A FULL-SIZE NEUTRAL OR A SHARED NEUTRAL WITH A CAPACITY OF 200% OF THE PHASE CONDUCTORS.
- G13. ALL CIRCUITS SHALL INCLUDE A CODE SIZED GREEN EQUIPMENT GROUNDING CONDUCTOR.
- G14. THE MINIMUM COMMUNICATION/DATA CONDUIT SIZE IS 3/4"
- G15. ALL EMPTY CONDUITS FOR TELEPHONE AND DATA SHALL BE STUBBED ABOVE ACCESSIBLE SUSPENDED ACOUSTIC CEILING.
- G16. RECESSED DEVICES ON WALLS MAY REQUIRE SHALLOW BOXES. VERIFY WITH ARCHITECTURAL DRAWINGS.
- G17. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL LIGHTING FIXTURES, MOUNTING ACCESSORIES, ELECTRONIC BALLASTS, COLOR CORRECTED LAMPS, FUSES, ETC..., FOR COMPLETE INSTALLATION.
- G18. REFERENCE ARCHITECTURAL REFLECTED CEILING PLAN FOR THE EXACT FIXTURE LOCATIONS AND MOUNTING HEIGHTS. VERIFY FIXTURE TYPES PRIOR TO ORDERING FIXTURES.
- G19. ALL FIXTURES SHALL HAVE A LABEL INDICATING LAMP TYPE AFFIXED TO THE INSIDE OF THE LAMP CHAMBER, OUT OF NORMAL VIEW INTO THE FIXTURE. THE CONTRACTOR IS TO PROVIDE 10% SPARE LAMPS TO THE JOB MINIMUM.
- G20. ALL LIGHTING JUNCTION BOXES SHALL BE 4 1/8" SQUARE OR 4" OCTAGONAL X 2 1/4" WITH A BLANK COVER, UNLESS OTHERWISE INDICATED.
- G21. ALL CONCEALED UNUSED CONDUITS SHALL BE CUT-OFF BEHIND THE WALLS OR AT FLOORS AS REQUIRED. PATCH OPENING TO MATCH EXISTING SURFACES. ALL UNUSED RECESSED BOXES SHALL BE COVERED AND PATCHED TO MATCH EXISTING WALL SURFACES. EXPOSED INACTIVE CONDUIT SHALL BE REMOVED BACK TO THE LAST ACTIVE JUNCTION BOX OR PANELBOARD.
- G22. FIRE ALARM WIRING WILL BE RUN IN CONDUIT ONLY.
- G23. USE RED JUNCTION BOXES FOR FIRE ALARM WIRING.
- G24. WALL MOUNTED OUTLETS AND SWITCHES ARE TO BE INSTALLED WITH MINIMUM SEPARATION IN DUAL OR MULTIPLE PLACEMENT CONDITIONS USING A SINGLE PLATE WHERE APPLICABLE. THIS INCLUDES SPEAKER VOLUME CONTROLS.
- G25. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR ALL LINE VOLTAGE CONTROL WIRING FOR MECHANICAL AND PLUMBING EQUIPMENT. LOW VOLTAGE CONTROL WIRING FOR MECHANICAL AND PLUMBING EQUIPMENT WILL BE THE RESPONSIBILITY OF THOSE RESPECTIVE CONTRACTORS.
- G26. THE ELECTRICAL CONTRACTOR SHALL VERIFY ALL MOUNTING HEIGHTS WITH THE ARCHITECT PRIOR TO ROUGH-IN.

SCOPE OF WORK-ELECTRICAL

1. THE ELECTRICAL CONTRACTOR SHALL INCLUDE ALL LABOR, MATERIALS, EQUIPMENT, SUPERVISION AND INSURANCES NECESSARY FOR INSTALLING, ADJUSTING, TESTING AND GUARANTEEING OF ELECTRICAL WORK SHOWN ON THESE DRAWINGS AND SPECIFICATIONS. THIS IS A PARTIAL LISTING OF SCOPE. REFER TO THE PLAN AND SPECIFICATIONS FOR OVERALL SCOPE.
2. THE ELECTRICAL CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS REQUIRED FOR THE WORK. REFER TO THE SPECIFICATIONS. ALL WORK SHALL COMPLY STRICTLY WITH ANY GOVERNING CODES AND SHALL BE INSPECTED AND APPROVED BY THE INSPECTION AGENCY HAVING JURISDICTION.
3. WHERE DRAWINGS OR SPECIFICATIONS EXCEED CODE REQUIREMENTS, THE DRAWINGS AND SPECIFICATIONS SHALL GOVERN. NO WORK CONTRARY TO MINIMUM LEGAL STANDARDS SHALL BE INSTALLED.
4. NO DEVIATION TO ELECT. DESIGN IS PERMITTED WITHOUT WRITTEN APPROVAL BY THE ELECTRICAL ENGINEER'S OFFICE. CHANGES WITHOUT WRITTEN APPROVAL SHIFTS THE ENTIRE RESPONSIBILITY, INCLUDING ANY ASSOCIATED EXTRA COST, TO THE ELECTRICAL CONTRACTOR AND THE CHANGES WILL BE DOCUMENTED ON THE ENGINEER'S FINAL PUNCH LIST.
5. ELECTRICAL DESCRIPTION OF WORK FOR THIS PROJECT INCLUDES:
 - A. FURNISH AND INSTALL LIGHT FIXTURES, RECEPTACLES, AND SWITCHES.
 - B. EMERGENCY CALL SYSTEM.
 - C. CONNECTIONS/STARTERS TO HVAC EQUIPMENT.
 - D. EQUIPMENT INTERLOCKS/CONTROLS AS NOTED ON ALL DRAWINGS AND SPECIFICATIONS.
 - E. DOOR ENTRY INTERCOM/CONTROL SYSTEM.
 - F. ALL CUTTING AND PATCHING.
 - G. FIRE ALARM SYSTEM DEVICES AND ANNUNCIATOR.
 - H. CARD READER BUILDING ACCESS.
 - I. SECURITY SYSTEM CONDUIT SYSTEM.
6. UPON COMPLETION OF THIS PROJECT, THE ARCHITECT AND/OR ENGINEER REPRESENTATIVE SHALL PROVIDE A FINAL ELECTRICAL PUNCH LIST. THIS PUNCH LIST WILL BE SIGNED-OFF BY THE CONTRACTOR AND SUBMITTED TO THE ENGINEER.
7. UPON COMPLETION OF THIS PROJECT, THE CONTRACTOR SHALL FURNISH TO THE ARCHITECT, A CERTIFICATION OF INSPECTION AND APPROVAL FROM SAID AGENCY BEFORE FINAL PAYMENT ON CONTRACT WILL BE ALLOWED.

LEGEND - ELECTRICAL

- LIGHT FIXTURE. CAPITAL LETTER INDICATES TYPE.
- WALL MOUNTED LIGHTING FIXTURE. CAPITAL LETTER INDICATES TYPE.
- CEILING MOUNTED EXIT SIGN. CAPITAL LETTER INDICATES TYPE. ARROWS AS INDICATED.
- WALL MOUNTED EXIT SIGN. CAPITAL LETTER INDICATES TYPE. ARROWS AS INDICATED.
- EMERGENCY BATTERY PACK MOUNTED PER ADA
- 20A, 120-277V SINGLE POLE LIGHT SWITCH. MOUNT AT +48" AFF. P&S #20AC3-I.
- 20A, 120-277V THREE WAY LIGHT SWITCH. MOUNT AT +48" AFF. P&S #20AC3-L.
- 20A, 120-277V FOUR WAY LIGHT SWITCH. MOUNT AT +48" AFF. P&S #20AC4-L.
- 100A WATT, 120V, SLIDE TO OFF DIMMER SWITCH. MOUNT AT +48" AFF. LUTRON NOVA SERIES #N-1000-IV.
- FRACTIONAL HORSEPOWER MANUAL STARTER SWITCH. SQUARE D CLASS 2510, TYPE FGP.
- 20A, 125V SPECIFICATION GRADE DUPLEX RECEPTACLE. MOUNT AT +18" AFF. PASS & SEYMOUR #BR20-L.
- 20A, 125V SPECIFICATION GRADE DUPLEX RECEPTACLE MOUNTED ABOVE COUNTER UNLESS NOTED ON THE DRAWINGS. PASS & SEYMOUR #BR20-L.
- 20A, 125V SPECIFICATION GRADE DOUBLE DUPLEX RECEPTACLE. MOUNT AT +18" AFF. PASS & SEYMOUR #BR20-L.
- 20A, 125V SPECIFICATION GRADE GROUND FAULT CIRCUIT INTERRUPTING RECEPTACLE. MOUNT AT +18" AFF. P&S #20SI-L.
- 20A, 125V SPECIFICATION GRADE GROUND FAULT CIRCUIT INTERRUPTING RECEPTACLE MOUNTED ABOVE COUNTER UNLESS NOTED ON DRAWINGS. P&S #20SI-L.
- 20A, 125V SPECIFICATION GRADE SINGLE RECEPTACLE MOUNTED ABOVE COUNTER UNLESS NOTED ON DRAWINGS. P&S #535I-L.
- SPECIAL RECEPTACLE AS SPECIFIED ON THE DRAWINGS.
- WEATHERPROOF HORIZONTAL GFI RECEPTACLE COVER EQUAL TO P&S #3728-SC.
- FIRE ALARM MANUAL PULL STATION MOUNTED AT +48" AFF.
- FIRE ALARM HORN/STROBE MOUNTED AT +64" AFF.
- SPRINKLER FLOW SWITCH.
- HEAT DETECTOR.
- SMOKE DETECTOR.
- SPRINKLER TAMPER SWITCH.
- FIRE ALARM STROBE MOUNTED AT +84" AFF.
- NEW ELECTRIC PANEL.
- DISCONNECT SWITCH. SEE NOTES OR SCHEDULES FOR SIZE, TYPE AND FUSING.
- MAGNETIC STARTER. SEE NOTES OR SCHEDULES FOR SIZE AND TYPE.
- COMBINATION STARTER. SEE NOTES OR SCHEDULES FOR SIZE, TYPE, AND FUSING.
- EQUIPMENT CONNECTION.
- NEW CIRCUITRY.
- HOMERUN TO PANEL. #12 AWG IN 3/4" C, MINIMUM.
- DRAWING NOTE - NEW WORK.
- ROOM NUMBER.
- ABOVE FINISHED FLOOR.
- ELECTRICAL CONTRACTOR.
- DOOR CONTROL INTERCOM HANDBSET.
- EMERGENCY CALL SYSTEM PULL STATION.
- EMERGENCY CALL SYSTEM LIGHT/BUZZER.
- CARD READER.



**DOMENECH
HICKS &
KROCKMALNIC
ARCHITECTS**

155 Massachusetts Ave.
Boston, MA 02115
617-267-6408
Fax 617-267-1990

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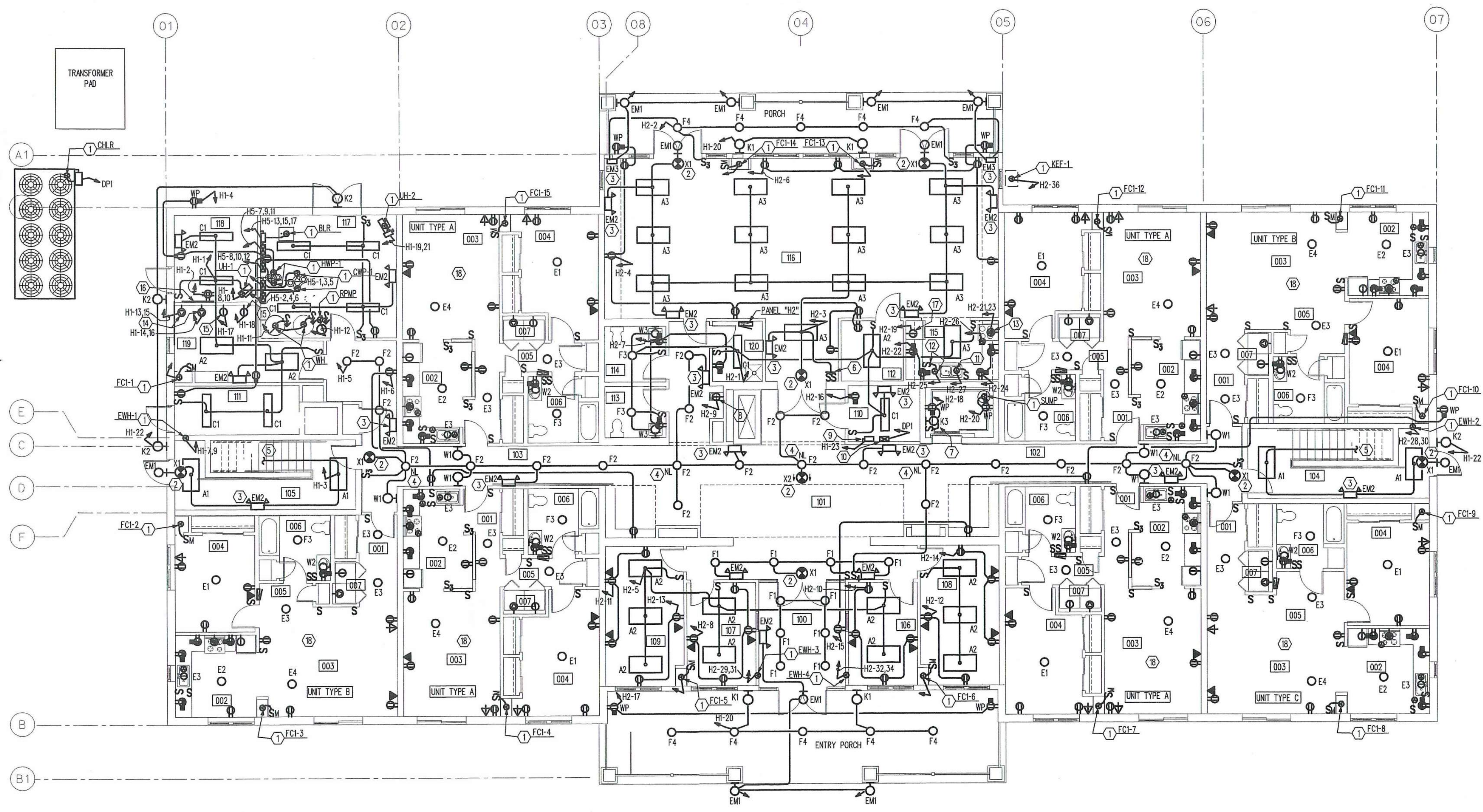
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DAYTON, OHIO 45414001

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SENIOR
HOUSING**

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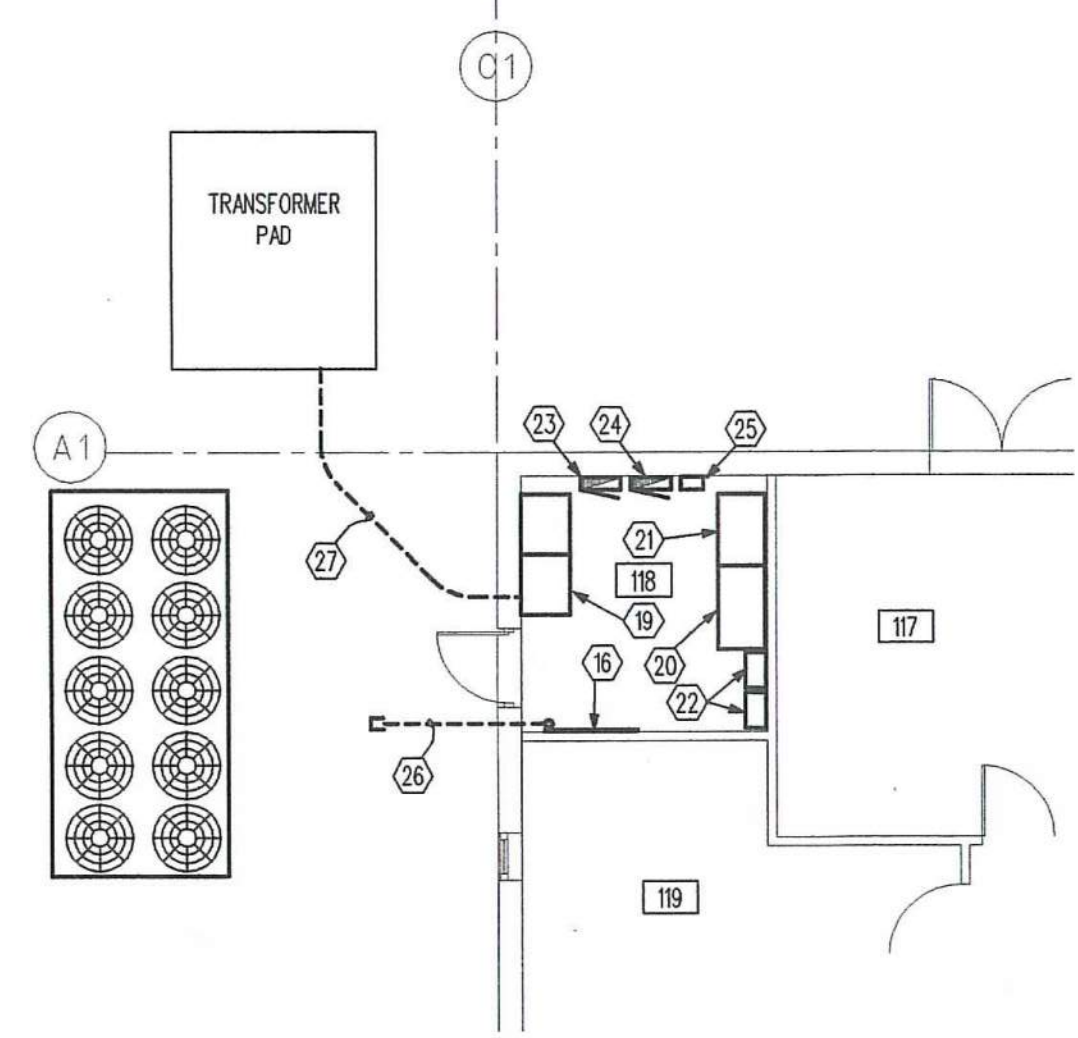
Title
**LEGEND, SCHEDULES & DETAILS -
ELECTRICAL**

Scale	
File Name	
Drawn By RJP	
Checked By PNS	
Job No. 2101.1	E-1.0
Date 06-24-02	



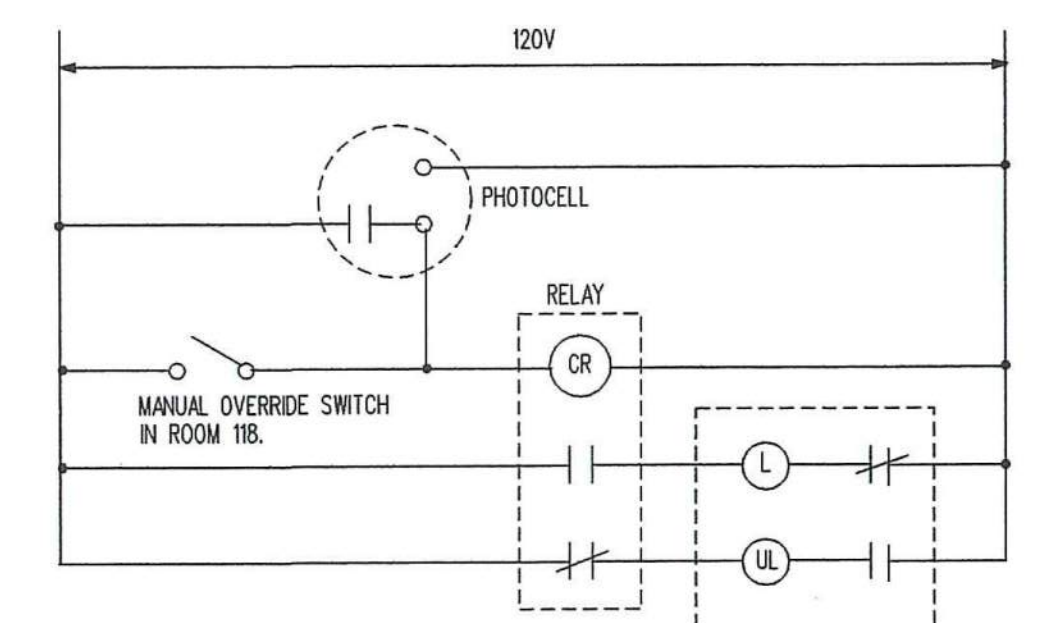
FIRST FLOOR PLAN - ELECTRICAL

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



PARTIAL FIRST FLOOR PLAN

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



- EQUIPMENT LIST**
- PHOTOCELL - TORQ #2001
 - CONTACTOR - SQUARE D CLASS 8903 TYPE LX660
 - RELAY - SQUARE D CLASS B501 TYPE CO-6 NEMA 1 ENCLOSURE CLASS 9991, TYPE VE-1
- LIGHTING CONTACTOR (ROOM 118)**
- HI-20 --- PORCH LIGHTING
 - HI-22 --- EXTERIOR BUILDING LIGHTS
 - HI-35 --- SITE LIGHTING
 - HI-37 --- SITE LIGHTING
 - HI-39 --- SITE LIGHTING
 - HI-41 --- SITE LIGHTING

OUTDOOR LIGHTING CONTROL DIAGRAM

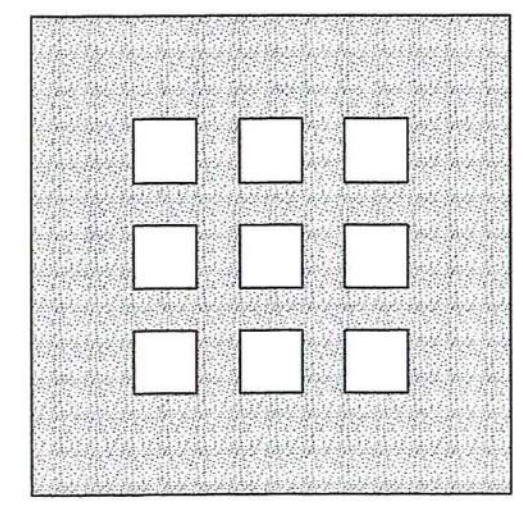
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ROOM INDEX

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102 CORRIDOR	002 KITCHEN	002 KITCHEN
103 CORRIDOR	003 LIVING/DINING	003 LIVING/DINING
104 STAIR 1	004 BEDROOM	004 BEDROOM
105 STAIR 2	005 HALL	005 HALL
106 OFFICE	006 BATH	006 BATH
107 OFFICE	007 UTIL.	007 UTIL.
108 OFFICE		
109 OFFICE	2 - UNIT TYPE B	
110 ELEV. MACH.	001 ENTRY	
111 TRASH	002 KITCHEN	
112 KITCHEN	003 LIVING/DINING	
113 WC	004 BEDROOM	
114 WC	005 HALL	
115 STORAGE	006 BATH	
116 COMMON	007 UTIL.	
117 MECHANICAL		
118 MAN. ELEC.		
119 LAUNDRY		
120 JANITOR		

DRAWING NOTES

1. ELECTRICAL CONNECTION TO ITEM OF MECHANICAL EQUIPMENT - REFER TO MECHANICAL EQUIPMENT SCHEDULE ON DRAWING E1.0 FOR ELECTRICAL CHARACTERISTICS, DISCONNECT, STARTER, FUSING, FEEDER SIZE, ETC.
2. EXIT LIGHT TO BE CONNECTED TO LOCAL LIGHTING CIRCUIT/AHEAD OF ANY AND ALL SWITCHING.
3. EMERGENCY BATTERY POWERED FIXTURE TO BE CONNECTED TO LOCAL LIGHTING CIRCUIT/AHEAD OF ANY AND ALL SWITCHING.
4. FIXTURE TO SERVE AS NITE LIGHT - CONNECT TO LOCAL LIGHTING CIRCUIT/AHEAD OF ANY AND ALL SWITCHING.
5. UP TO TYPE "A" FIXTURE ON FLOOR ABOVE - REFER TO DRAWING E1.2 FOR CONTINUATION.
6. PROVIDE TWO LEVEL SWITCHING - ONE SWITCH CONTROLS TWO INNER LAMPS AND ONE SWITCH CONTROLS TWO OUTER LAMPS.
7. SWITCH, FIXTURE AND RECEPTACLE LOCATED IN ELEVATOR PIT - COORDINATE LOCATION WITH ELEVATOR CONTRACTOR.
8. RECEPTACLE FOR WATER COOLER - COORDINATE LOCATION AND MOUNTING HEIGHT WITH PLUMB CONTRACTOR PRIOR TO ROUGH-IN.
9. PROVIDE A 30 AMP, 240 VOLT, NON-FUSED, NEMA 1 SAFETY SWITCH FOR ELEVATOR CAB LIGHTS AND CONTROLS.
10. PROVIDE A 200 AMP, 3 POLE, 240 VOLT, ENCLOSED CIRCUIT BREAKER WITH SHUNT TRIP OPERATOR FOR POWER TO ELEVATOR CONTROLLER. SHUNT TRIP MECHANISM CONTROLLED BY FIRE ALARM SYSTEM FOR SHUTDOWN UPON SPRINKLER SYSTEM ACTIVATION. COORDINATE LOCATION WITH ELEVATOR INSTALLER.
11. ELECTRICAL CONNECTION TO DISPOSAL.
12. ELECTRICAL CONNECTION TO DISHWASHER - INSTALL APPLIANCE DISCONNECT SWITCH PER CODE - LOCATE UNDER COUNTER INSIDE CASEWORK.
13. 50 AMP, 240 VOLT, SINGLE PHASE OUTLET FOR ELECTRIC RANGE - PROVIDE RELAY TO SHUT-DOWN CIRCUIT UPON ACTIVATION OF HOOD FIRE PROTECTION SYSTEM. PROVIDE CONTROL WIRING FROM HOOD TO RELAY.
14. 30 AMP, 240 VOLT SINGLE PHASE OUTLET FOR DRYER - MOUNT AT 42" A.F.F.
15. RECEPTACLE FOR WASHER - MOUNT AT 42" A.F.F.
16. COMMUNICATIONS BACKBOARD - 4 FT. WIDE x 8 FT. HIGH x 3/4" THICK PAINTED PLYWOOD.
17. RECEPTACLE FOR REFRIGERATOR - MOUNT AT 36" A.F.F.
18. REFER TO DRAWING E1.2 FOR TYPICAL UNIT CIRCUITRY.
19. M/N DISTRIBUTION PANEL "MD" - REFER TO DISTRIBUTION DIAGRAM ON DRAWING E1.4.
20. DISTRIBUTION PANEL "DPI" - REFER TO DISTRIBUTION DIAGRAM ON DRAWING E1.4.
21. DISTRIBUTION PANEL "DP2" - REFER TO DISTRIBUTION DIAGRAM ON DRAWING E1.4.
22. FIRST FLOOR TENANT METER CENTERS - REFER TO DISTRIBUTION DIAGRAM ON DRAWING E1.4.
23. PANEL "H1" - REFER TO DISTRIBUTION DIAGRAM ON DRAWING E1.4 AND PANEL SCHEDULE ON DRAWING E1.5.
24. PANEL "H5" - REFER TO DISTRIBUTION DIAGRAM ON DRAWING E1.4 AND PANEL SCHEDULE ON DRAWING E1.5.
25. TRANSIENT VOLTAGE SURGE SUPPRESSOR (TVSS) - EQUAL TO CURRENT TECHNOLOGY *TG125-120/208-36Y-DM. REFER TO DISTRIBUTION DIAGRAM ON DRAWING E1.4.
26. UNDERGROUND COMMUNICATIONS SERVICE CONDUIT - 4" SCHEDULE 40 PVC - EXTEND 5'-0" BEYOND BUILDING EXTERIOR - STUB-UP 6" A.F.F. AT BACKBOARD - REFER TO COMMUNICATIONS RISER DIAGRAM ON DRAWING E1.2.
27. UNDERGROUND SECONDARY ELECTRIC SERVICE - REFER TO DISTRIBUTION DIAGRAM ON DRAWING E1.4.



**DOMENECH
HICKS &
KROCKMALNIC
ARCHITECTS**

155 Massachusetts Ave.
Boston, MA 02115
617-267-6408
Fax 617-267-1990

PREPARED FOR:

**DAYTON VIEW
ASSOCIATES, LTD.**
4324 WEBSTER STREET
DAYTON, OHIO 45414

No.	Date	Revision

**DAYTON HOPE VI
SENIOR HOUSING**

**100% CONSTRUCTION
DRAWINGS - PERMIT SET**

**FIRST FLOOR PLAN
ELECTRICAL**

Scale: _____

File Name: _____

Drawn By: RJP

Checked By: PMS

Job No.: 2101.1

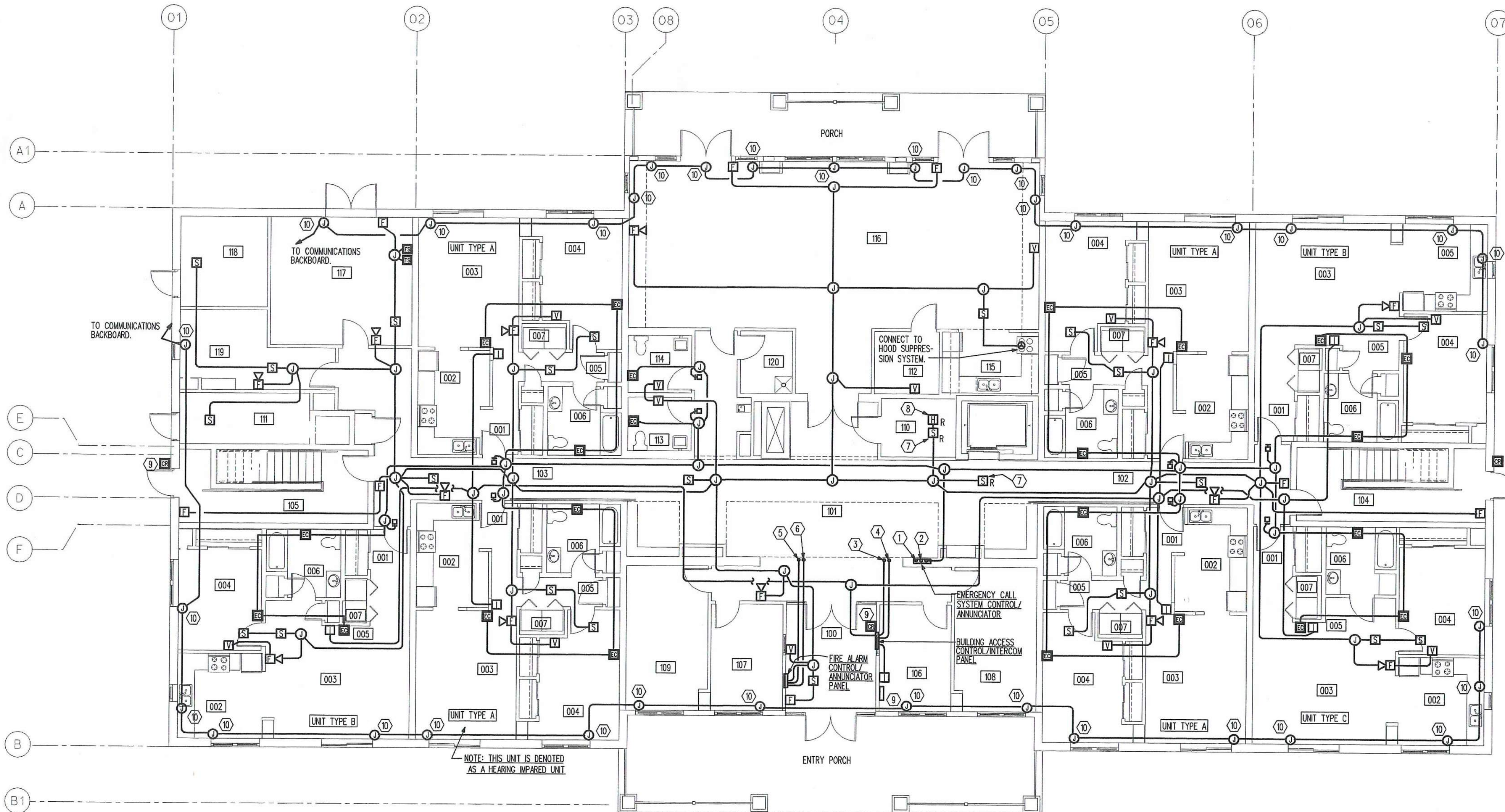
Date: 06-24-02

STATE OF OHIO
PARMA N. SINHA
42622
REGISTERED PROFESSIONAL ENGINEER

E-1.1

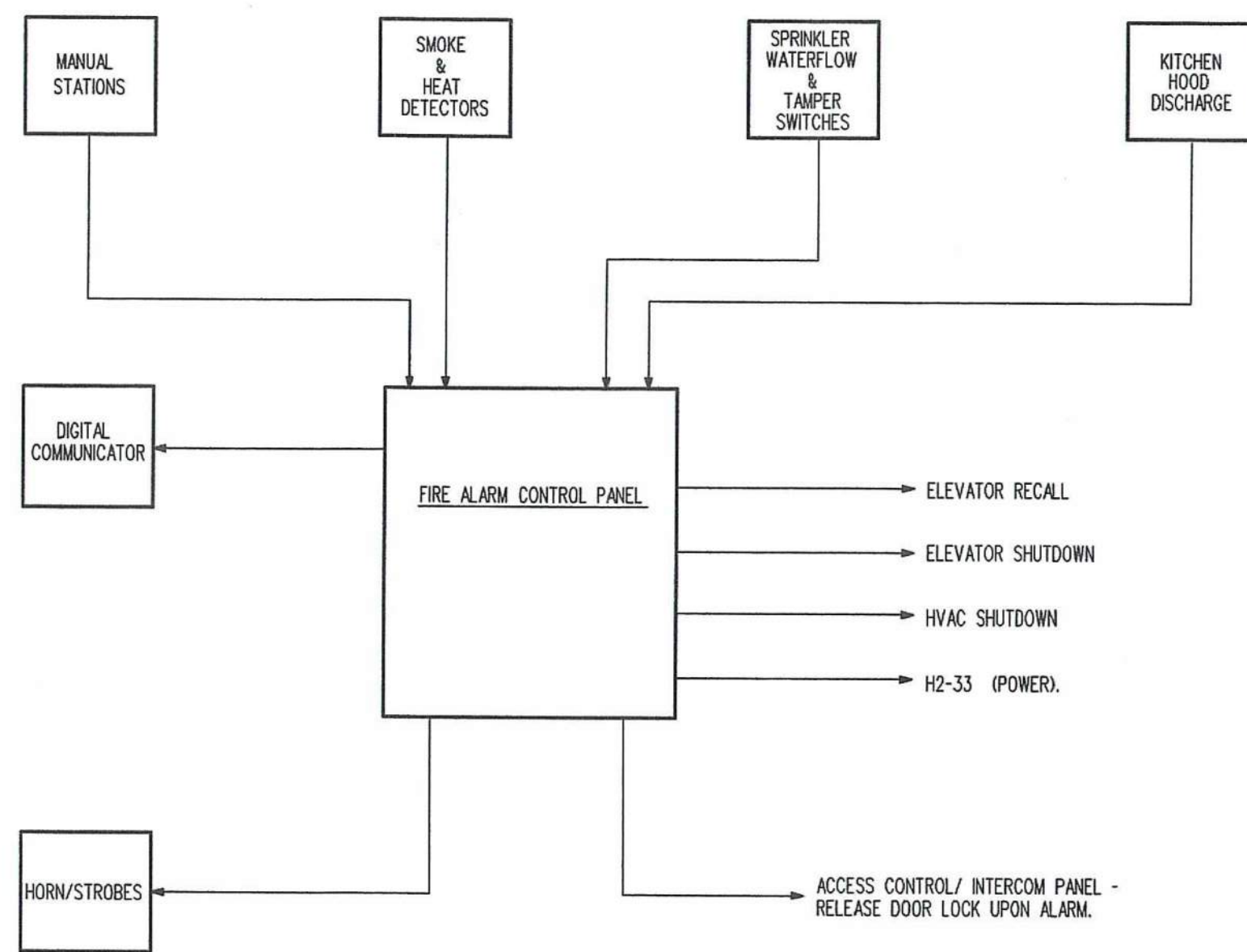
CONTECH DESIGN INC.
Consulting Engineers

519 Windsor Park Dr., Centerville, Ohio 45459
Phone: (937)435-3722 Fax: (937) 435-4685
Email: engineers@contechdesign.com Engineer Project #02001B



FIRST FLOOR PLAN - SPECIAL SYSTEMS

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

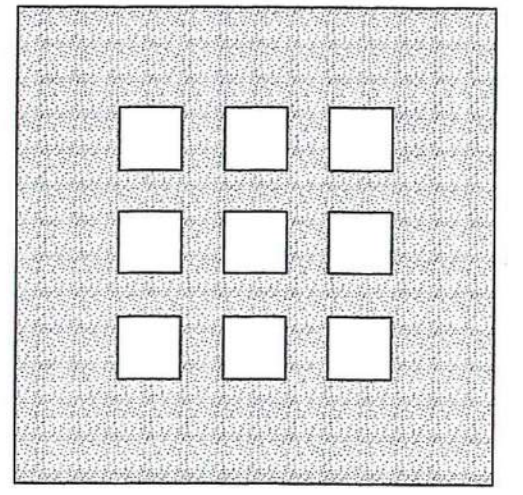


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101 LOBBY	001 ENTRY	001 ENTRY
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103 CORRIDOR	003 LIVING/ DINING	003 LIVING/ DINING
104 STAIR 1	004 BEDROOM	004 BEDROOM
105 STAIR 2	005 HALL	005 HALL
106 OFFICE	006 BATH	006 BATH
107 OFFICE	007 UTIL.	007 UTIL.
108 OFFICE		
109 OFFICE	2 - UNIT TYPE B	
110 ELEV. MACH.	001 ENTRY	
111 TRASH	002 KITCHEN	
112 KITCHEN	003 LIVING/ DINING	
113 WC	004 BEDROOM	
114 WC	005 HALL	
115 STORAGE	006 BATH	
116 COMMON	007 UTIL.	
117 MECHANICAL		
118 MAIN ELEC.		
119 LAUNDRY		
120 JANITOR		

DRAWING NOTES

- EMERGENCY CALL SYSTEM CONDUIT RISER UP TO SECOND FLOOR - REFER TO DRAWING E1.2L FOR CONTINUATION.
- EMERGENCY CALL SYSTEM CONDUIT RISER UP TO THIRD FLOOR - REFER TO DRAWING E1.3L FOR CONTINUATION.
- ACCESS CONTROL/INTERCOM SYSTEM CONDUIT RISER UP TO SECOND FLOOR - REFER TO DRAWING E1.2L FOR CONTINUATION.
- ACCESS CONTROL/INTERCOM SYSTEM CONDUIT RISER UP TO THIRD FLOOR - REFER TO DRAWING E1.3L FOR CONTINUATION.
- FIRE ALARM SYSTEM CONDUIT RISER UP TO SECOND FLOOR - REFER TO DRAWING E1.2L FOR CONTINUATION.
- FIRE ALARM SYSTEM CONDUIT RISER UP TO THIRD FLOOR - REFER TO DRAWING E1.3L FOR CONTINUATION.
- SMOKE DETECTOR USED FOR FIREFIGHTERS ELEVATOR RECALL. FURNISH AND INSTALL ALL CIRCUITRY FROM THE DETECTOR TO THE FIRE ALARM CONTROL PANEL AND TO THE ELEVATOR CONTROLLER. COORDINATE WITH THE ELEVATOR CONTRACTOR.
- HEAT DETECTOR USED FOR SHUTTING DOWN THE ELEVATOR WHEN THE MACHINE ROOM SPRINKLER HEAD IS ACTIVATED. FURNISH AND INSTALL ALL CIRCUITRY FROM THE DETECTOR TO THE FIRE ALARM CONTROL PANEL AND TO THE ELEVATOR CONTROLLER. COORDINATE WITH THE ELEVATOR AND SPRINKLER CONTRACTORS.
- PROVIDE A CARD READER ACCESS SYSTEM COMPLETE WITH CARD READERS AT EXTERIOR DOORS PROVIDED WITH ELECTRIC LOCKS, COMPUTERIZED CONTROL LOCATED IN OFFICE 107 COMPLETE WITH NECESSARY SOFTWARE AND PRINTER, ALL CONDUIT AND CABLE, TRAINING AND AN INITIAL SUPPLY OF 100 PLASTIC ENCODED CARDS. VERIFY COMPLETE SYSTEM REQUIREMENTS WITH OWNER PRIOR TO ORDERING.
- PROVIDE JUNCTION BOX ABOVE CEILING WITH 1/2" CONDUIT STUBBED INTO WINDOW OR DOOR FRAME FOR SECURITY SYSTEM. PROVIDE ALL INTERCONNECTING CONDUIT AND HOMERUN TO COMMUNICATIONS BACKBOARD. ALL SECURITY DEVICES AND WIRING BY OWNERS SECURITY SYSTEM VENDOR. VERIFY ALL CONDUIT REQUIREMENTS WITH OWNERS SECURITY SYSTEM VENDOR PRIOR TO ROUGH-IN.



**DOMENECH
HICKS &
KROCKMALNIC
ARCHITECTS**

155 Massachusetts Ave.
Boston, MA 02115
617-267-6408
Fax 617-267-1990

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No.	Date	Revision

**DAYTON HOPE VI
SENIOR HOUSING**

100% CONSTRUCTION
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FILE
FIRST FLOOR PLAN
SPECIAL SYSTEMS

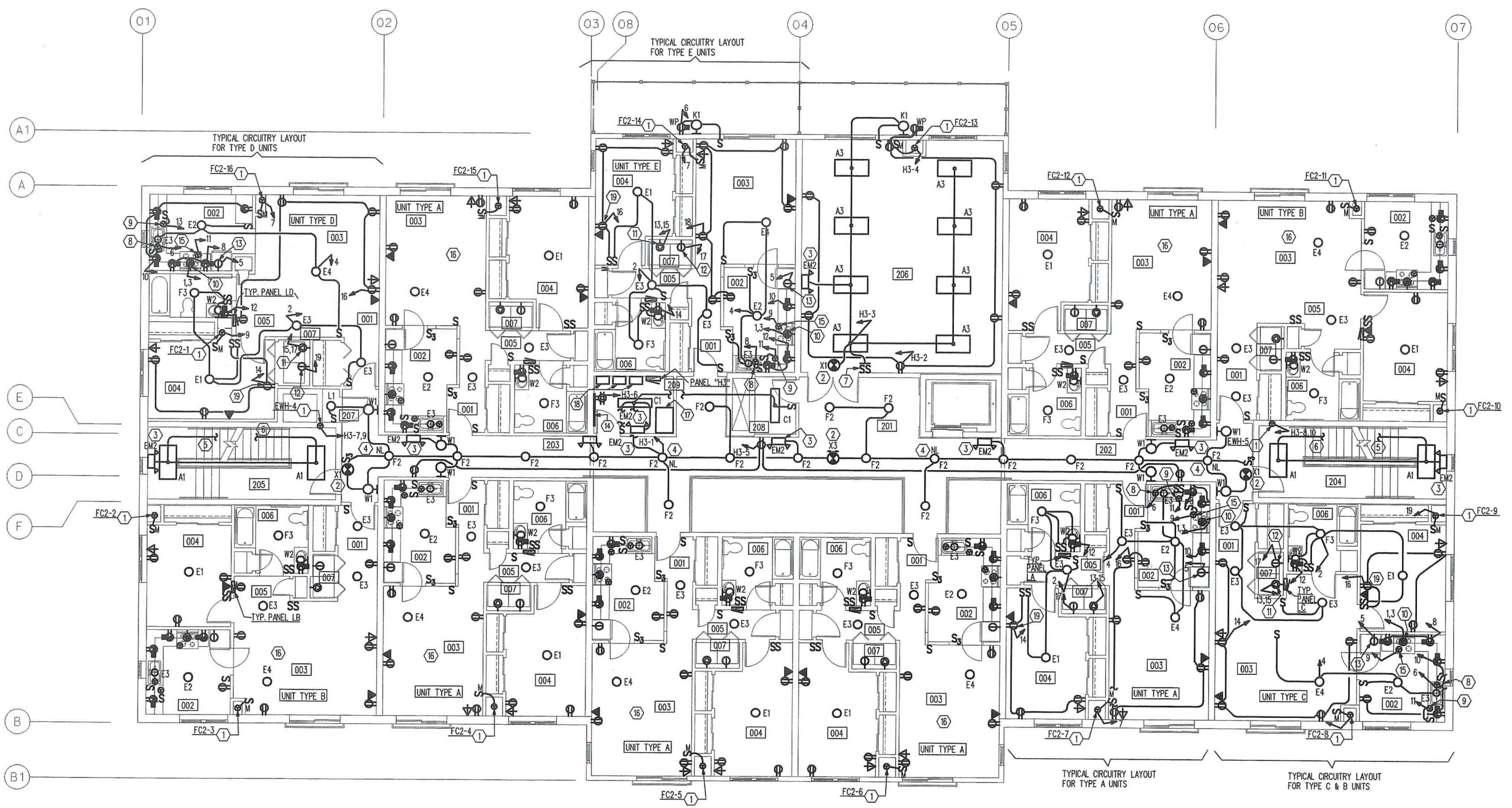
Scale

File Name



CONTECH DESIGN INC.





ROOM INDEX

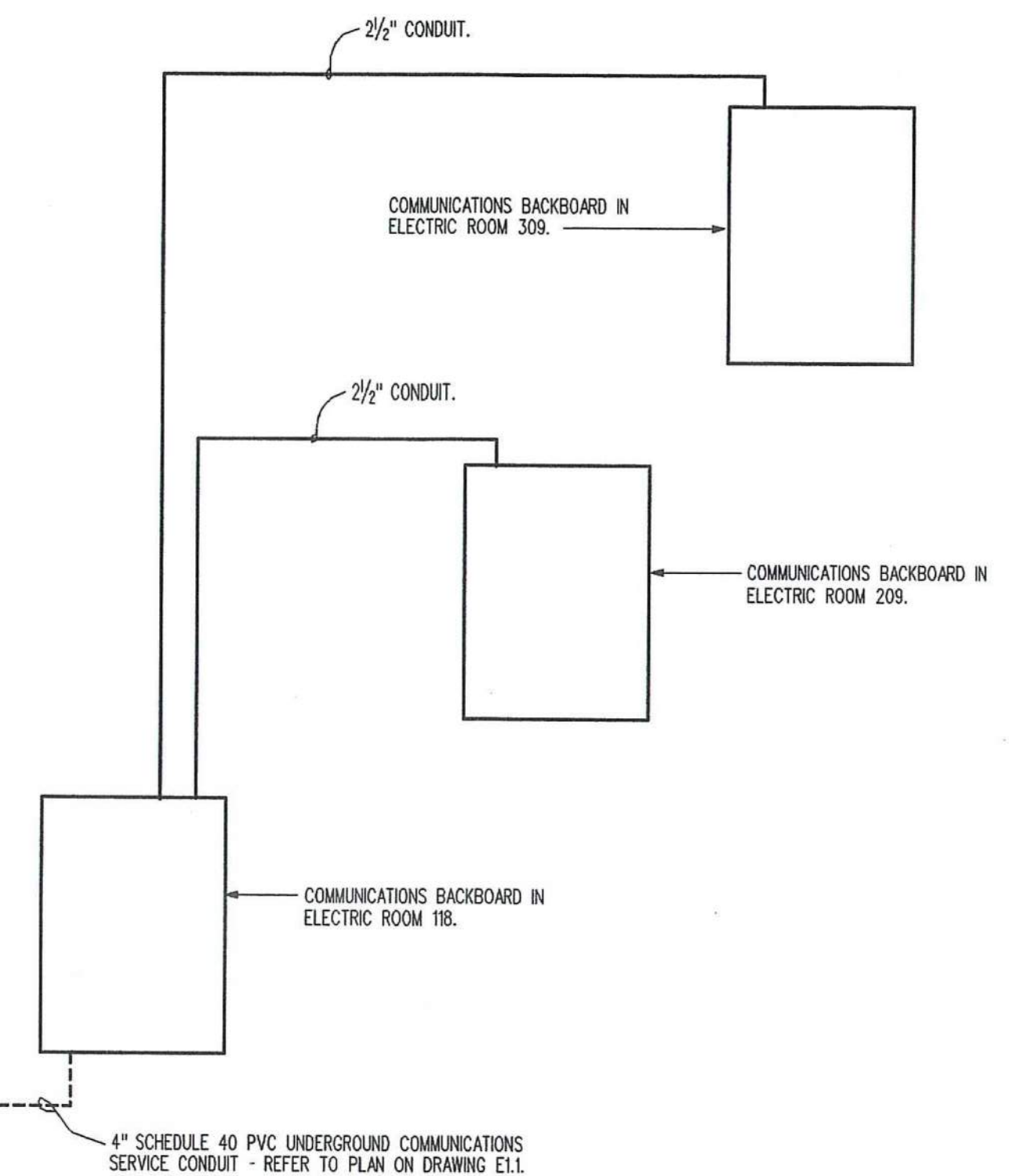
201 ELEV. LOBBY	1- UNIT TYPE C UFAS
202 CORRIDOR	001 ENTRY
203 CORRIDOR	002 KITCHEN
204 STAR 1	003 LIVING/ DINING
205 STAR 2	004 BEDROOM
206 MEETING	005 HALL
207 TRASH	006 BATH
208 STORAGE	007 UTIL.
209 ELEC.	
6- UNIT TYPE A	1- UNIT TYPE D
001 ENTRY	001 ENTRY
002 KITCHEN	002 KITCHEN
003 LIVING/ DINING	003 LIVING/ DINING
004 BEDROOM	004 BEDROOM
005 HALL	005 HALL
006 BATH	006 BATH
007 UTIL.	007 UTIL.
2- UNIT TYPE B	1- UNIT TYPE E
001 ENTRY	001 ENTRY
002 KITCHEN	002 KITCHEN
003 LIVING/ DINING	003 LIVING/ DINING
004 BEDROOM	004 BEDROOM
005 HALL	005 HALL
006 BATH	006 BATH
007 UTIL.	007 UTIL.

DRAWING NOTES

- ELECTRICAL CONNECTION TO ITEM OF MECHANICAL EQUIPMENT - REFER TO MECHANICAL EQUIPMENT SCHEDULE ON DRAWING E1.0 FOR ELECTRICAL CHARACTERISTICS, DISCONNECT, STARTER, FUSING, FEEDER SIZE, ETC.
- EXIT LIGHT TO BE CONNECTED TO LOCAL LIGHTING CIRCUIT/AHEAD OF ANY AND ALL SWITCHING.
- EMERGENCY BATTERY POWERED FIXTURE TO BE CONNECTED TO LOCAL LIGHTING CIRCUIT/AHEAD OF ANY AND ALL SWITCHING.
- FIXTURE TO SERVE AS NITE LIGHT - CONNECT TO LOCAL LIGHTING CIRCUIT/AHEAD OF ANY AND ALL SWITCHING.
- DOWN TO TYPE "A" FIXTURE ON FLOOR BELOW - REFER TO DRAWING E1.1 FOR CONTINUATION.
- UP TO TYPE "A" FIXTURE ON FLOOR ABOVE - REFER TO DRAWING E1.3 FOR CONTINUATION.
- PROVIDE TWO LEVEL SWITCHING - ONE SWITCH CONTROLS TWO INNER LAMPS AND ONE SWITCH CONTROLS TWO OUTER LAMPS.
- ELECTRICAL CONNECTION TO DISPOSAL.
- ELECTRICAL CONNECTION TO DISHWASHER - INSTALL APPLIANCE DISCONNECT SWITCH PER CODE - LOCATE BELOW COUNTER IN CASEWORK.
- 50 AMP, 240 VOLT, SINGLE PHASE RECEPTACLE FOR ELECTRIC RANGE.
- 30 AMP, 240 VOLT, SINGLE PHASE RECEPTACLE FOR DRYER - MOUNT AT 42" A.F.F.
- RECEPTACLE FOR WASHER - MOUNT AT 42" A.F.F.
- RECEPTACLE FOR REFRIGERATOR - MOUNT AT 36" A.F.F.
- COMMUNICATIONS BACKBOARD - 4 FT. WIDE x 8 FT. HIGH x 3/4" THICK PAINTED PLYWOOD.
- ELECTRICAL CONNECTION TO MICROWAVE/HOOD - VERIFY LOCATION AND MOUNTING HEIGHT WITH EQUIPMENT SUPPLIER.
- REFER TO TYPICAL UNIT ON THIS DRAWING FOR CIRCUITRY AND NOTES.
- DISTRIBUTION PANEL "DP2" - REFER TO DISTRIBUTION DIAGRAM ON DRAWING E1.4.
- SECOND FLOOR TENANT METER CENTERS - REFER TO DISTRIBUTION DIAGRAM ON DRAWING E1.4.
- TOP HALF OF RECEPTACLE TO BE CONTROLLED BY SWITCH.

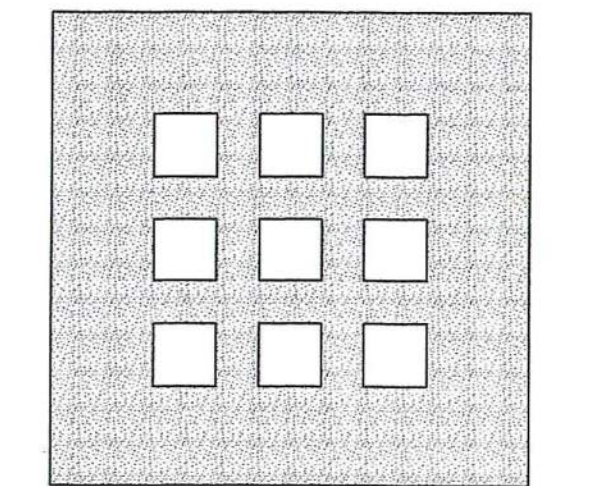
SECOND FLOOR PLAN - ELECTRICAL

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



COMMUNICATIONS SYSTEM RISER DIAGRAM

NOT TO SCALE



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155 Massachusetts Ave.
Boston, MA 02115
617-267-6408
Fax 617-267-1990

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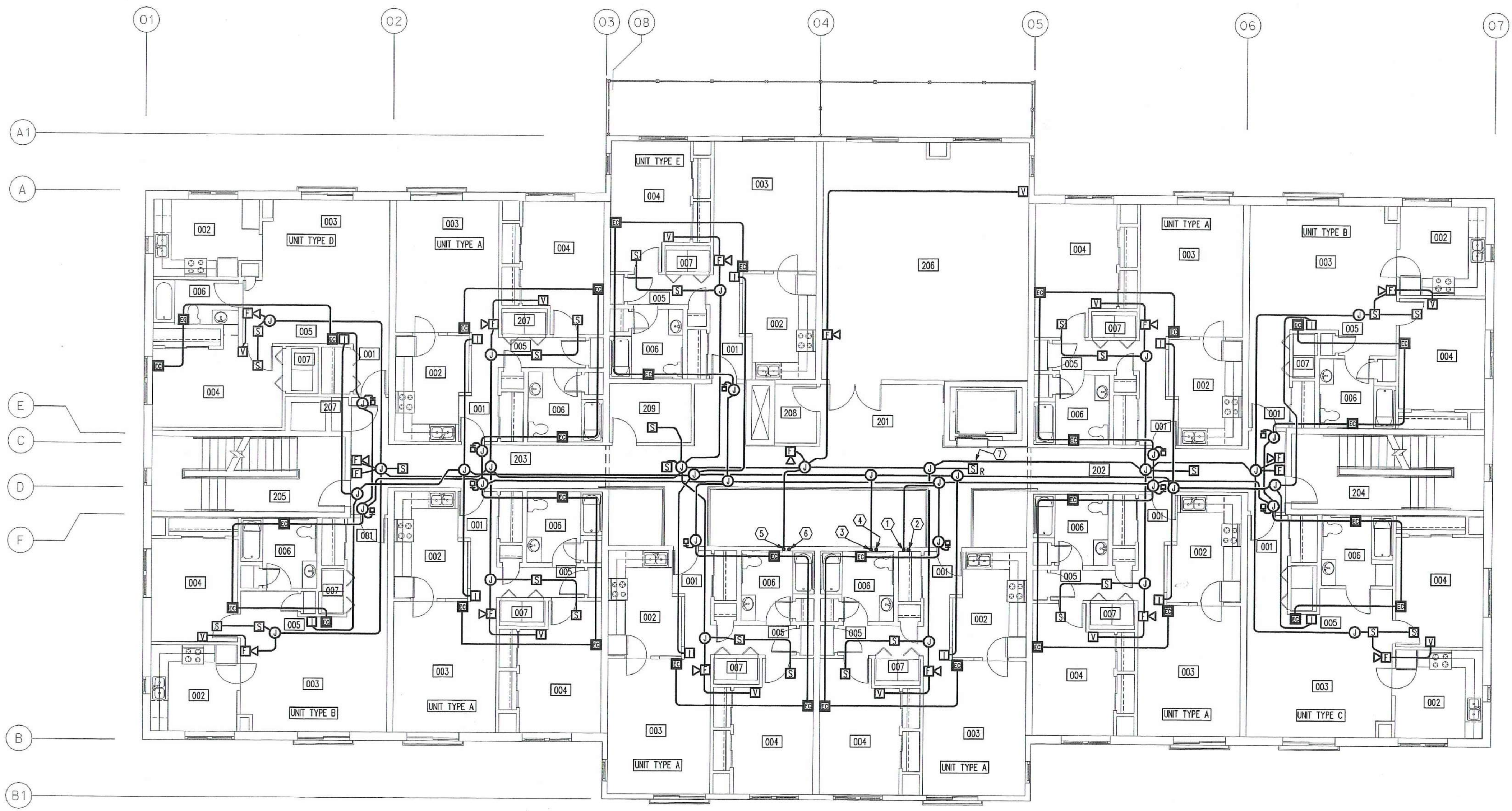
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E-1.2

CONTECH DESIGN INC.
Consulting Engineers

519 Windsor Park Dr., Centerville, Ohio 45459
Phone: (937)435-3722 Fax: (937) 435-4685
Email: engineers@contechdesign.com Engineer Project #020018

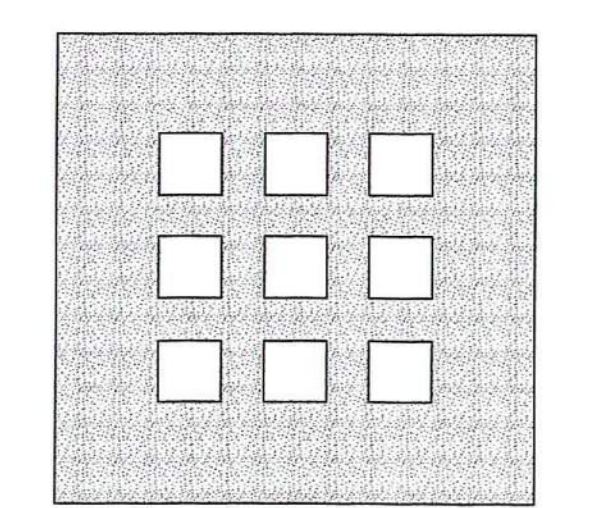


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203 CORRIDOR	002 KITCHEN
204 STAR 1	003 LIVING/ DINING
205 STAR 2	004 BEDROOM
206 MEETING	005 HALL
207 TRASH	006 BATH
208 STORAGE	007 UTIL.
209 ELEC.	
6 - UNIT TYPE A	1- UNIT TYPE D
001 ENTRY	001 ENTRY
002 KITCHEN	002 KITCHEN
003 LIVING/ DINING	003 LIVING/ DINING
004 BEDROOM	004 BEDROOM
005 HALL	005 HALL
006 BATH	006 BATH
007 UTIL.	007 UTIL.
2 - UNIT TYPE B	1- UNIT TYPE E
001 ENTRY	001 ENTRY
002 KITCHEN	002 KITCHEN
003 LIVING/ DINING	003 LIVING/ DINING
004 BEDROOM	004 BEDROOM
005 HALL	005 HALL
006 BATH	006 BATH
007 UTIL.	007 UTIL.

DRAWING NOTES

- EMERGENCY CALL SYSTEM CONDUIT DOWN TO FIRST FLOOR - REFER TO DRAWING E1.1 FOR CONTINUATION.
- EMERGENCY CALL SYSTEM CONDUIT RISER FROM FIRST FLOOR TO THIRD FLOOR REFER TO DRAWINGS E1.1 AND E1.3 FOR CONTINUATION.
- ACCESS CONTROL/INTERCOM CONDUIT DOWN TO FIRST FLOOR - REFER TO DRAWING E1.1 FOR CONTINUATION.
- ACCESS CONTROL/INTERCOM SYSTEM CONDUIT RISER FROM FIRST FLOOR TO THIRD FLOOR. REFER TO DRAWINGS E1.1 AND E1.3 FOR CONTINUATION.
- FIRE ALARM SYSTEM CONDUIT DOWN TO FIRST FLOOR - REFER TO DRAWING E1.1 FOR CONTINUATION.
- FIRE ALARM SYSTEM CONDUIT RISER FROM FIRST FLOOR TO THIRD FLOOR. REFER TO DRAWINGS E1.1 AND E1.3 FOR CONTINUATION.
- SMOKE DETECTOR USED FOR FIREFIGHTERS ELEVATOR RECALL. FURNISH AND INSTALL ALL ALL CIRCUITRY FROM THE DETECTOR TO THE FIRE ALARM PANEL AND TO THE ELEVATOR CONTROLLER. COORDINATE WITH THE ELEVATOR CONTRACTOR.



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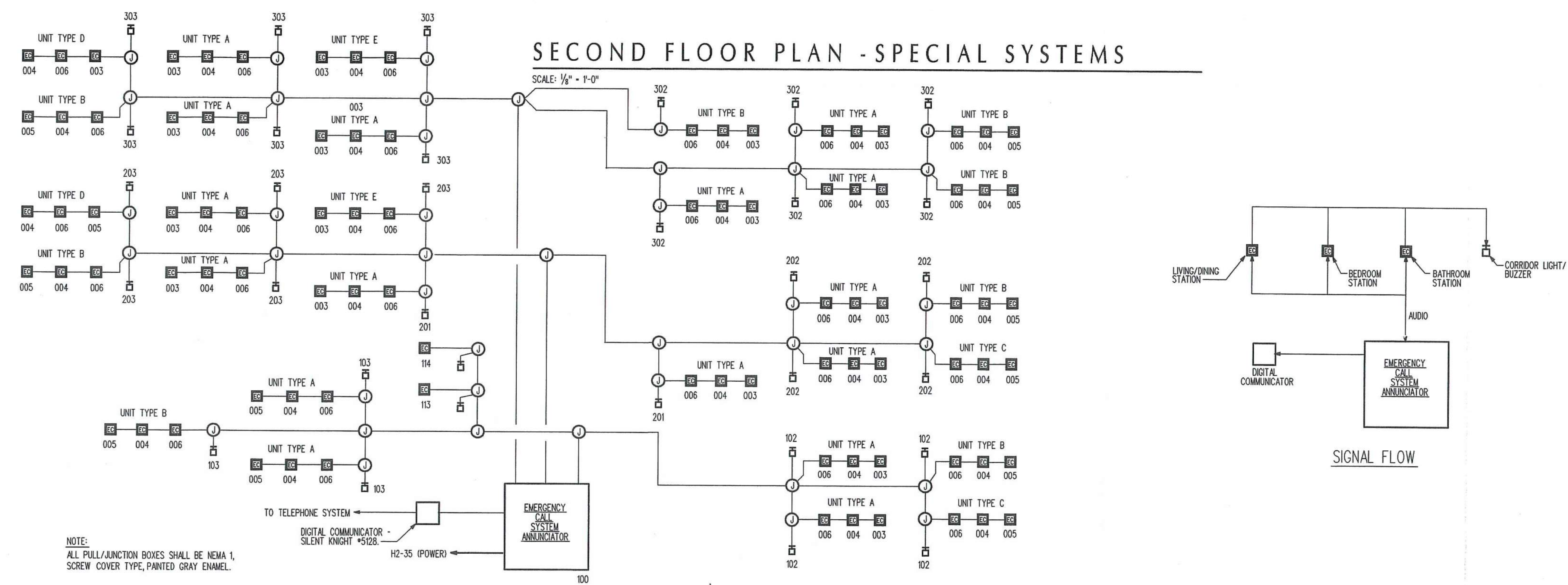
155 Massachusetts Ave.
Boston, MA 02115
617-267-6408
Fax 617-267-1990

PREPARED FOR:

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ASSOCIATES, LTD.**
4324 WEBSTER STREET
DAYTON, OHIO 45414

No.	Date	Revision

SECOND FLOOR PLAN - SPECIAL SYSTEMS



NOTE:
ALL PULL/JUNCTION BOXES SHALL BE NEMA 1,
SCREW COVER TYPE, PAINTED GRAY ENAMEL.

EMERGENCY CALL SYSTEM

NOT TO SCALE

**DAYTON HOPE VI
SENIOR HOUSING**

100% CONSTRUCTION
DRAWINGS - PERMIT SET

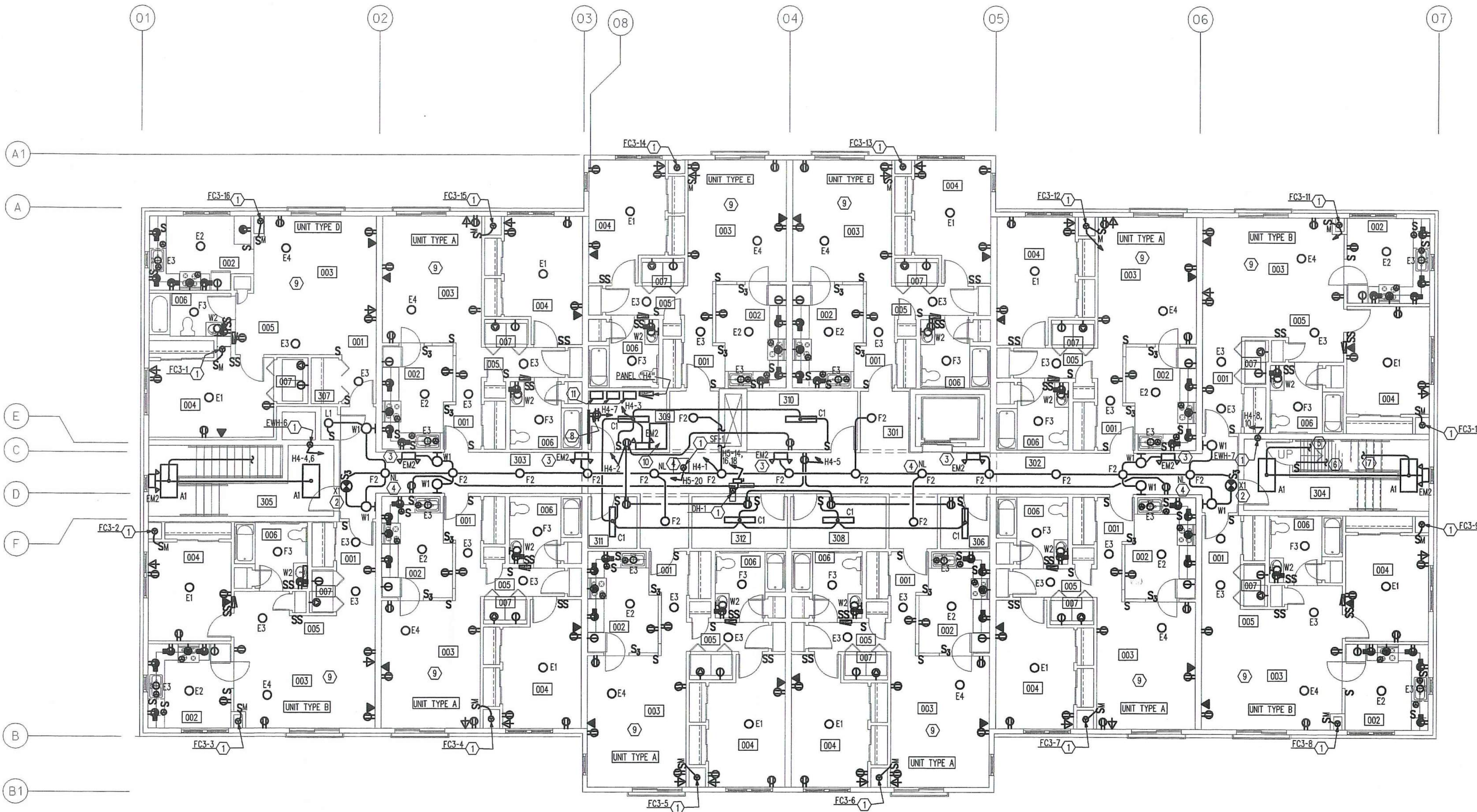
**SECOND FLOOR PLAN
SPECIAL SYSTEMS**

Scale	
File Name	
Drawn By	
Checked By	
Job No.	2101.1
Date	06-24-02

CONTECH DESIGN INC.
Consulting Engineers

519 Windsor Park Dr., Centerville, Ohio 45459
Phone: (937)435-3722 Fax: (937) 435-4685
Email: engineers@contechdesign.com Engineer Project #0200B

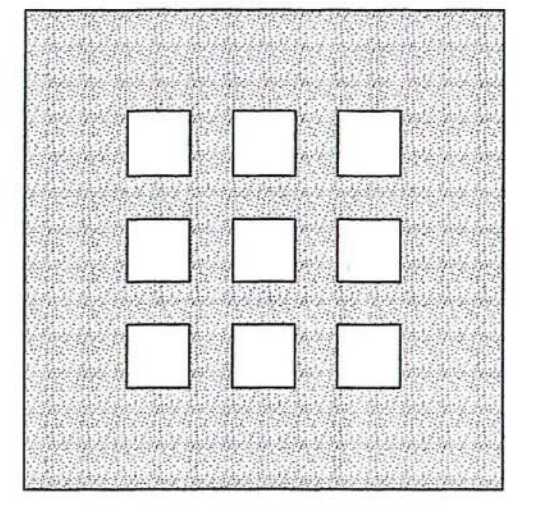
E-1.2L



ROOM INDEX

301 ELEV. LOBBY	1- UNIT TYPE D
302 CORRIDOR	001 ENTRY
303 CORRIDOR	002 KITCHEN
304 STAR 1	003 LIVING/ DINING
305 STAR 2	004 BEDROOM
306 SUPP.	005 HALL
307 TRASH	006 BATH
308 SUPP.	007 UTIL.
309 ELEC.	
310 SUPP.	2 - UNIT TYPE E
311 SUPP.	001 ENTRY
312 SUPP.	002 KITCHEN
	003 LIVING/ DINING
6 - UNIT TYPE A	004 BEDROOM
001 ENTRY	005 HALL
002 KITCHEN	006 BATH
003 LIVING/ DINING	007 UTIL.
004 BEDROOM	
005 HALL	
006 BATH	
007 UTIL.	
	3 - UNIT TYPE B
001 ENTRY	001 ENTRY
002 KITCHEN	002 KITCHEN
003 LIVING/ DINING	003 LIVING/ DINING
004 BEDROOM	004 BEDROOM
005 HALL	005 HALL
006 BATH	006 BATH
007 UTIL.	007 UTIL.

- ### DRAWING NOTES
- ELECTRICAL CONNECTION TO ITEM OF MECHANICAL EQUIPMENT - REFER TO MECHANICAL EQUIPMENT SCHEDULE ON DRAWING E1.0 FOR ELECTRICAL CHARACTERISTICS, DISCONNECT, STARTER, FUSING, FEEDER SIZE, ETC.
 - EXIT LIGHT TO BE CONNECTED TO LOCAL LIGHTING CIRCUIT AHEAD OF ANY AND ALL SWITCHING.
 - EMERGENCY BATTERY POWERED FIXTURE TO BE CONNECTED TO LOCAL LIGHTING CIRCUIT AHEAD OF ANY AND ALL SWITCHING.
 - FIXTURE TO SERVE AS NITE LIGHT - CONNECT TO LOCAL LIGHTING CIRCUIT AHEAD OF ANY AND ALL SWITCHING.
 - EXTEND CIRCUIT UP TO TYPE "LI" FIXTURES IN ATTIC - PROVIDE A TOTAL OF SIX (6) FIXTURES SPACED APPROXIMATELY 24 FT. ON CENTER LENGTH OF BUILDING.
 - EXTEND SWITCH LEG TO TYPE "LI" FIXTURES IN ATTIC.
 - DOWN TO TYPE "AM" FIXTURE ON FLOOR BELOW - REFER TO DRAWING E1.2 FOR CONTINUATION.
 - COMMUNICATIONS BACKBOARD - 4 FT. WIDE x 8 FT. HIGH x 3/4" THICK PAINTED PLYWOOD.
 - REFER TO DRAWING E1.2 FOR TYPICAL UNIT CIRCUITRY AND NOTES.
 - DISTRIBUTION PANEL "DP4" - REFER TO DISTRIBUTION DIAGRAM ON DRAWING E1.4.
 - THIRD FLOOR TENANT METER CENTERS - REFER TO DISTRIBUTION DIAGRAM ON DRAWING E1.4.



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ARCHITECTS**

155 Massachusetts Ave.
Boston, MA 02115
617-267-6408
Fax 617-267-1990

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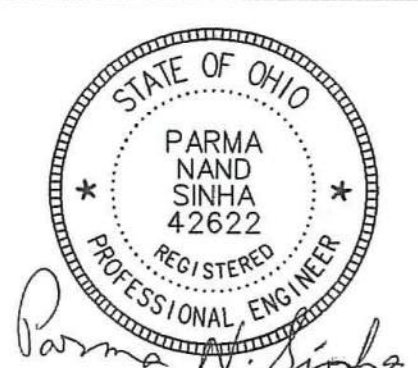
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THIRD FLOOR PLAN
ELECTRICAL



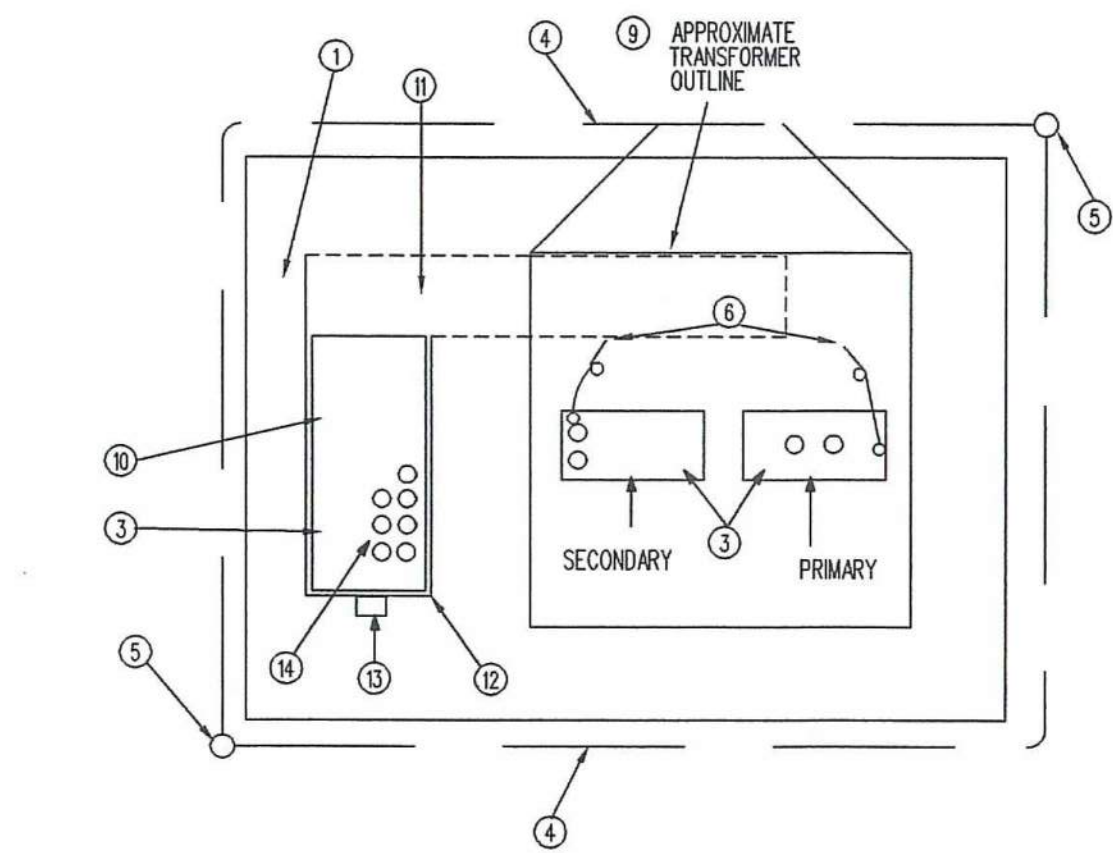
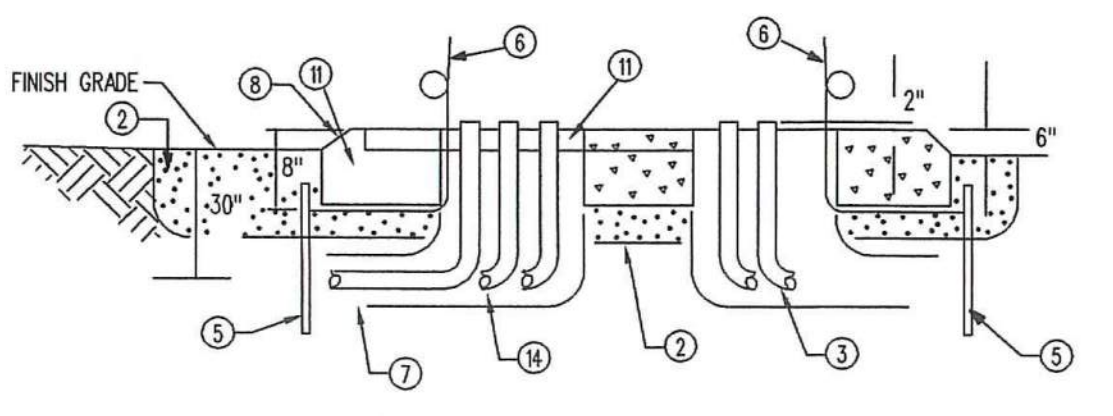
File Name
Drawn By RJP
Checked By PMS
Job No. 2101.1
Date 06-24-02

CONTECH DESIGN INC.
Consulting Engineers
519 Windsor Park Dr., Centerville, Ohio 45459
Phone: (937)435-3722 Fax: (937) 435-4685
Email: engineers@contechdesign.com Engineer Project #02001B

E-1.3

THIRD FLOOR PLAN - ELECTRICAL

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

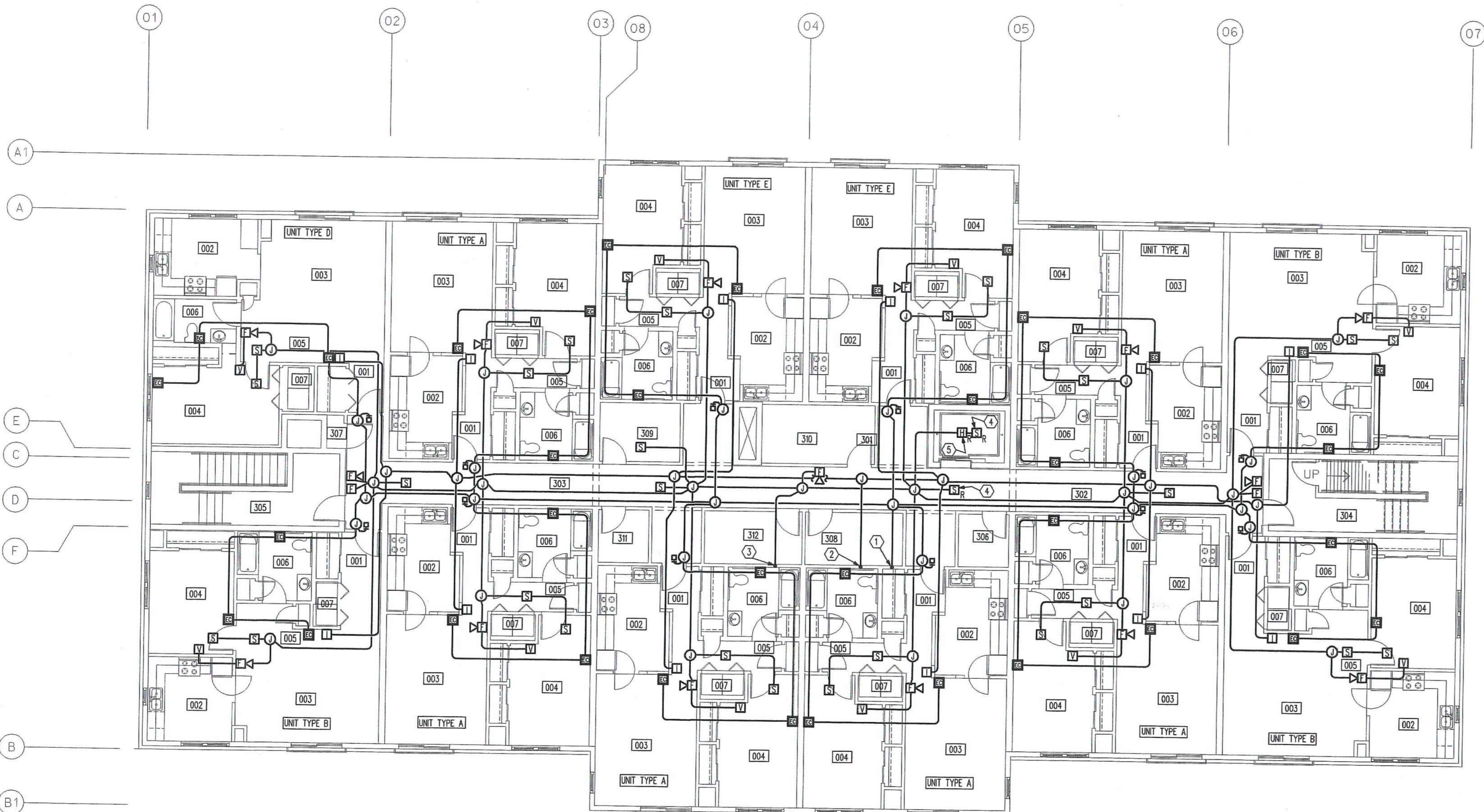


TRANS. PAD WITH TRANSITION CABINET
SCALE: NONE

- ### NOTES
- 3500LB CONCRETE PAD BY E.C. VERIFY EXACT SIZE, THICKNESS, LOCATION, OPENINGS AND ADDITIONAL REQUIREMENTS WITH POWER CO. PRIOR TO CONSTRUCTION. 1/2" DIA. REIN. 12" CC BOTH WAYS, TOP AND BOTTOM WITH MIN. 2" COVER.
 - PEA GRAVEL UNDER CONCRETE PAD TO EXTEND 2 FT. BEYOND EDGE OF PAD (12" DEEP)
 - SEE PLAN AND SCHEDULES FOR NUMBER AND SIZE OF CONDUITS WITH LONG SWEEPING BENDS.
 - GROUND GRD. #10 BARE COPPER UNLESS OTHERWISE SHOWN.
 - 3/4" X 10 FT. GROUND RODS UNLESS OTHERWISE SHOWN. 6" FROM TOP OF GROUND ROD TO ABOVE CONC. PAD.
 - 5 FT. #10 BARE COPPER GROUNDING PIGTAIL.
 - CONCRETE DUCT ENCASUREMENT.
 - EXPOSED CONCRETE SURFACES TO HAVE RUBBED FINISH AND 3/4" CHAMFERED CORNERS.
 - PROVIDE MINIMUM OF 10 FT. CLEAR AREA MAINTAINED IN FRONT OF TRANSFORMER FOR SWITCHING.
 - PAD MOUNTED TRANSITION CABINET FURNISHED AND INSTALLED BY E.C. PROVIDE APPROVED BONDING BETWEEN CABINET AND METER ENCLOSURE.
 - 3/4" OR 1/2" ALUMINUM TREADPLATE COVERING 18"W. X 12"D. TRENCH TO EXTEND 1" BENEATH TRANSFORMER AND ENCLOSURE. PROVIDE CONCRETE PAD WITH 1/2" D. LEDGE X 2"W. SEE LEGEND DETAIL.
 - 1/2" X 1" FEMALE ANCHOR (4 REQ'D)
 - ELECTRIC METER LOCATION.
 - SECONDARY DUCTS INCLUDING SPARES STUBBED FOR CURRENT AND FUTURE USE.
- NOTE: COORDINATE ALL WORK AND REQUIREMENTS WITH POWER CO. STANDARDS AND PROVIDE ACCORDINGLY.

LIGHTING FIXTURE SCHEDULE

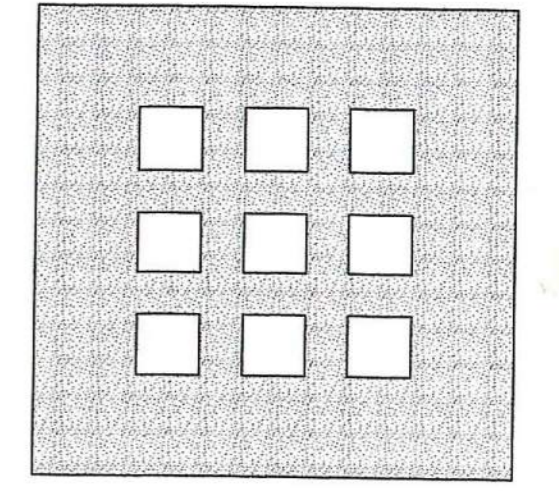
FIXTURE SYMBOL	QUANTITY	LAMPS		MANUFACTURER AND CATALOG NUMBER #1	MANUFACTURER AND CATALOG NUMBER #2	MANUFACTURER AND CATALOG NUMBER #3	VOLTAGE	DIFFUSING MEDIUM	TRIM COLOR			MOUNTING	SEE NOTES
		FLOUORESCENT	INCANDESCENT						BLACK	ALUMINUM	STANDARD		
A1	2	32	F32T8/SPX41	DAYBRITE #M9232-100-1/2E9-GLR1	LITHONIA	METALUX	120	PRISM WRAP AROUND				SURFACE	
A2	1	32	F32T8/SPX41	DAYBRITE #M9332-100-1/2E9-GLR1	LITHONIA	METALUX	120	PRISM WRAP AROUND				SURFACE	
A3	4	32	F32T8/SPX41	DAYBRITE #M9432-100-1/4E9-GLR1	LITHONIA	METALUX	120	PRISM WRAP AROUND				SURFACE	
C1	2	32	F32T8/SPX41	DAYBRITE #T332-100-1/2E9-GLR1	LITHONIA	METALUX	120	BARE LAMP STRIP				SURFACE	
E1	2	75	ABNF	PROGRESS #P3350-30	PRESOLITE	LIGHTOLER	120	CLEAR GLASS				SURFACE	
E2	2	60	ABNF	PROGRESS #P3348-30	PRESOLITE	LIGHTOLER	120	CLEAR GLASS				SURFACE	
E3	1	60	ABNF	PROGRESS #P3346-30	PRESOLITE	LIGHTOLER	120	CLEAR GLASS				SURFACE	
E4	1	150	ABNF	PROGRESS #P9103-10	PRESOLITE	LIGHTOLER	120	CLEAR RIBBED GLASS				CHAIN HANG	
F1	1	28	F28BX/SPX41	OMEGA #EY5495-S1-5688RSC	HALO	LIGHTOLER	120	SEM-SPEC. CLEAR				RECESSED	
F2	1	32	F32T11/SPX41	OMEGA #EY5496-S1-5688RSC	HALO	LIGHTOLER	120	SEM-SPEC. CLEAR				RECESSED	
F3	1	1		FAN/LIGHT COMBINATION BY MECH. CONTRACTOR			120	CLEAR PRISMATIC				RECESSED	
F4	1	1	MWR100/LVMEV/O	CAPRI MHR4-T05M-VF	HALO	LIGHTOLER	120	BLACK BAFFLE				RECESSED	
W1	2	13	130T1	PROGRESS #P7100-30	PRESOLITE	LIGHTOLER	120	WHITE ACRYLIC				WALL SURFACE	
W2	6	60	60G40	PROGRESS #P3299-15	PRESOLITE	LIGHTOLER	120	VANITY STRIP				WALL SURFACE	
W3	4	60	60G40	PROGRESS #P3299-15	PRESOLITE	LIGHTOLER	120	VANITY STRIP				WALL SURFACE	
K1	1	100	100AVL	THOMAS #S1797-7	PRESOLITE	LIGHTOLER	120	CLEAR GLASS				WALL SURFACE	
K2	1	175	MWR25/U	DAYBRITE MHLA25M200			120	CLEAR PRISMATIC				WALL SURFACE	
K3	1	18	FURN. W/FIXTURE	HUBBELL #MVQ8100			120	CLEAR GLASS W/GRAND				ELEV. FIT	
L1	1	150	150A	LEVITON #9875	BRYANT	HUBBELL	120	BARE LAMP				SURFACE	
EM1	1	9	FURN. W/FIXTURE	EMERGOLITE #E711	SURE-LITES	LITHONIA	120	BARE LAMP HEADS				WALL SURFACE	
EM2	2	9	FURN. W/FIXTURE	EMERGOLITE #E0M54-2	SURE-LITES	LITHONIA	120	BARE LAMP HEADS				WALL SURFACE	
EM3	-	-	-	EMERGOLITE #JM27-0	SURE-LITES	LITHONIA	120	BATTERY UNIT ONLY				WALL SURFACE	
H1	-	-	-	L.E.D.	SURE-LITES	LITHONIA	120	RED LETTERS				CEILING SURFACE	
H2	-	-	-	L.E.D.	SURE-LITES	LITHONIA	120	RED LETTERS				CEILING SURFACE	
H3	-	-	-	L.E.D.	SURE-LITES	LITHONIA	120	RED LETTERS				CEILING SURFACE	



ROOM INDEX

301 ELEV. LOBBY	1- UNIT TYPE D
302 CORRIDOR	001 ENTRY
303 CORRIDOR	002 KITCHEN
304 STAIR 1	003 LIVING/ DINING
305 STAIR 2	004 BEDROOM
306 SUPP.	005 HALL
307 TRASH	006 BATH
308 SUPP.	007 UTIL.
309 ELEC.	
310 SUPP.	
311 SUPP.	2 - UNIT TYPE E
312 SUPP.	001 ENTRY
	002 KITCHEN
	003 LIVING/ DINING
	004 BEDROOM
	005 HALL
	006 BATH
	007 UTIL.
	6 - UNIT TYPE A
	001 ENTRY
	002 KITCHEN
	003 LIVING/ DINING
	004 BEDROOM
	005 HALL
	006 BATH
	007 UTIL.
	3 - UNIT TYPE B
	001 ENTRY
	002 KITCHEN
	003 LIVING/ DINING
	004 BEDROOM
	005 HALL
	006 BATH
	007 UTIL.

- ### DRAWING NOTES
- EMERGENCY CALL SYSTEM CONDUIT DOWN TO FIRST FLOOR - REFER TO DRAWING E.I.L. FOR CONTINUATION.
 - ACCESS CONTROL/INTERCOM RISER DOWN TO FIRST FLOOR - REFER TO DRAWING E.I.L. FOR CONTINUATION.
 - FIRE ALARM SYSTEM CONDUIT DOWN TO FIRST FLOOR - REFER TO DRAWING E.I.L. FOR CONTINUATION.
 - SMOKE DETECTOR USED FOR FIREFIGHTERS ELEVATOR RECALL. FURNISH AND INSTALL ALL CIRCUITRY FROM THE DETECTOR TO THE FIRE ALARM PANEL AND TO THE ELEVATOR CONTROLLER. COORDINATE WITH THE ELEVATOR AND SPRINKLER CONTRACTORS.
 - HEAT DETECTOR USED FOR SHUTTING DOWN THE ELEVATOR WHEN THE HOISTWAY SPRINKLER HEAD IS ACTIVATED. FURNISH AND INSTALL ALL CIRCUITRY FROM THE DETECTOR TO THE FIRE ALARM PANEL AND TO THE ELEVATOR CONTROLLER. COORDINATE WITH THE ELEVATOR AND SPRINKLER CONTRACTORS.



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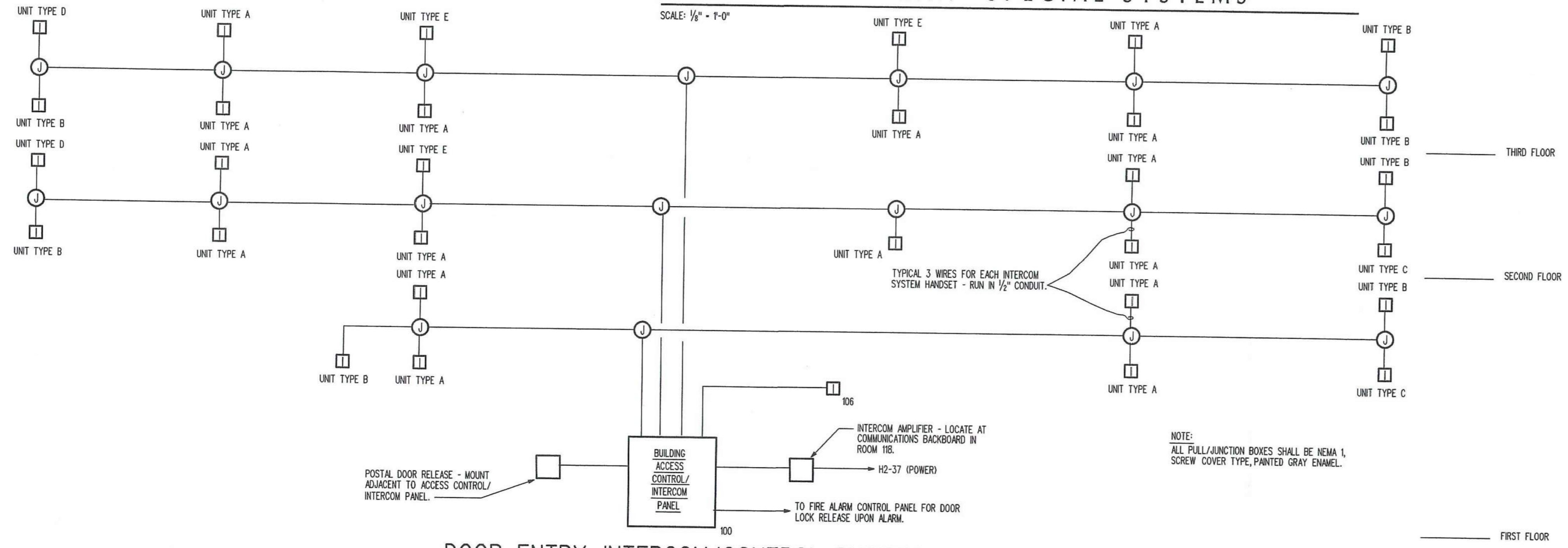
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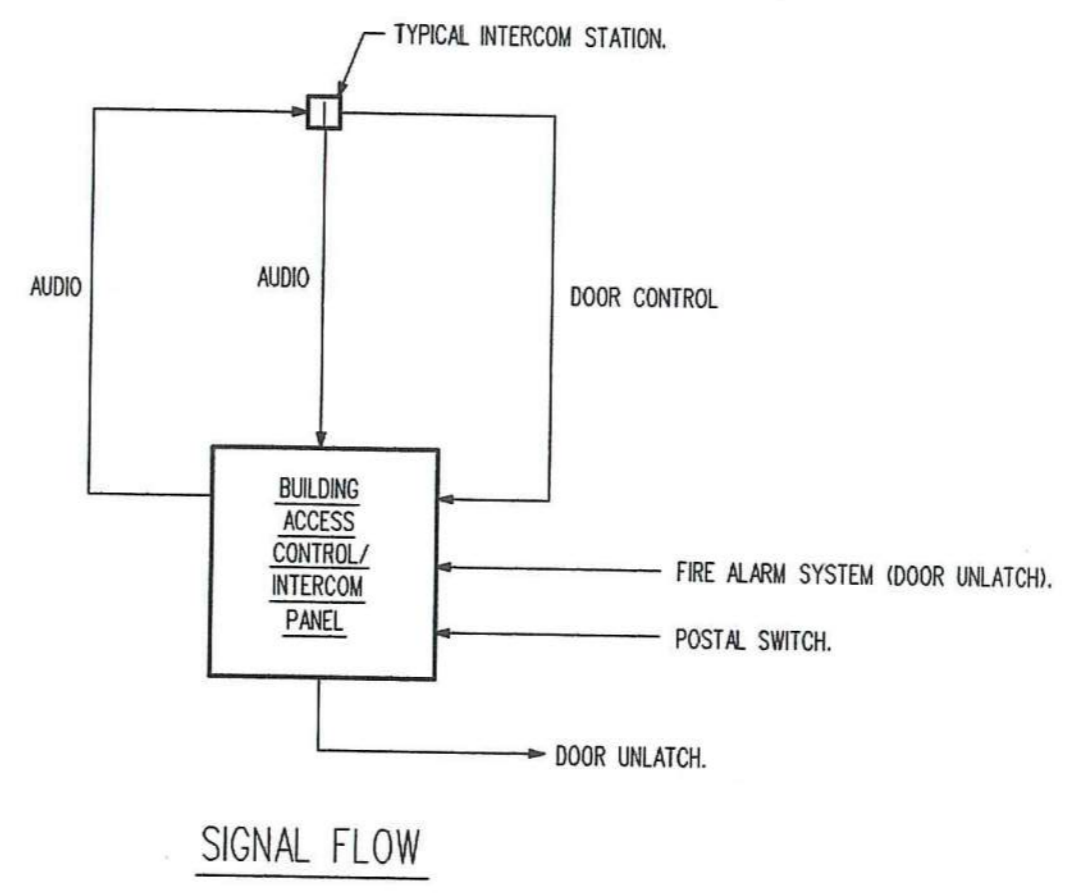
THIRD FLOOR PLAN - SPECIAL SYSTEMS

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



DOOR ENTRY INTERCOM/CONTROL SYSTEM

NOT TO SCALE



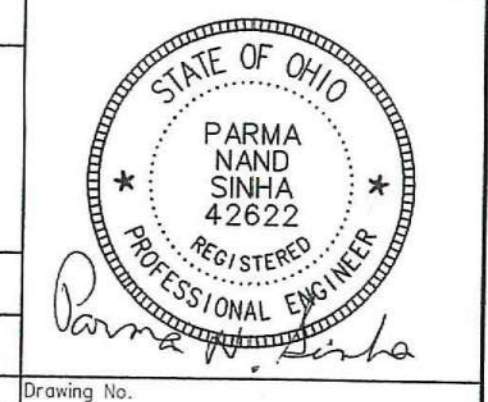
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Consulting Engineers

519 Windsor Park Dr., Centerville, Ohio 45459
Phone: (937)435-3722 Fax: (937) 435-4685
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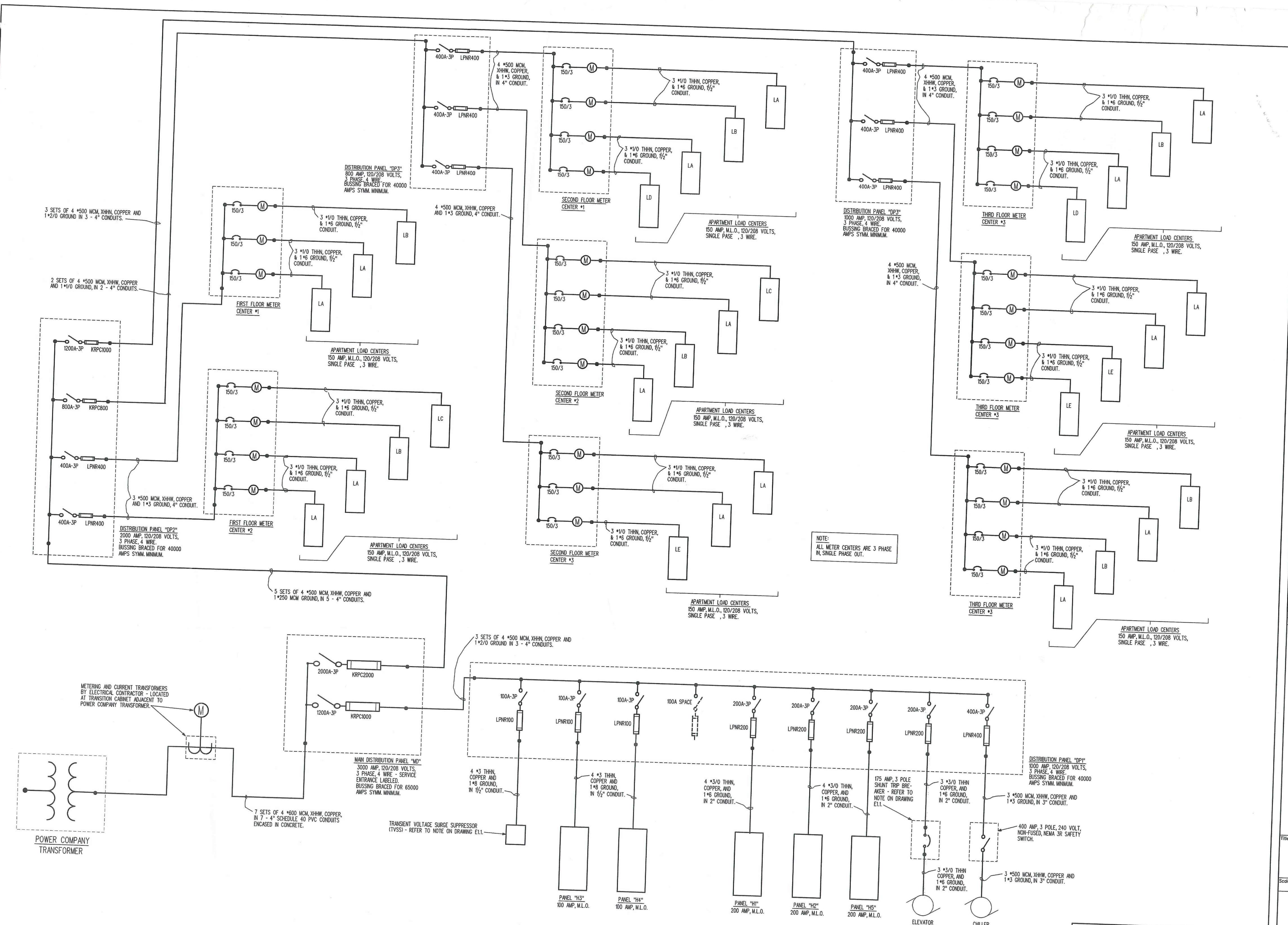
THIRD FLOOR PLAN
SPECIAL SYSTEMS



File Name	
Drawn By	RJP
Checked By	PNS
Job No.	2101.1
Date	06-24-02

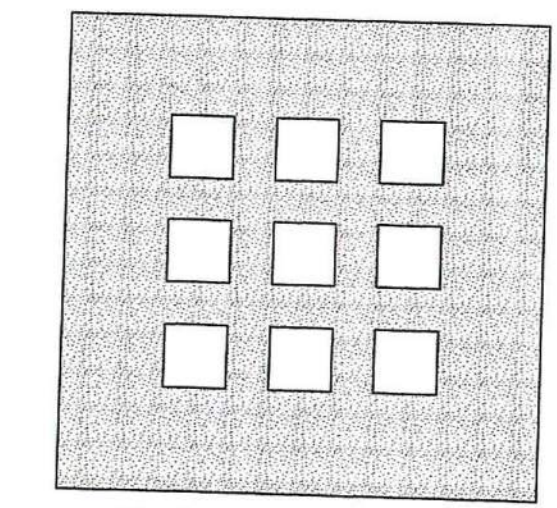
E-1.3L

Engineer Project #0200B



ELECTRICAL DISTRIBUTION DIAGRAM

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155 Massachusetts Ave.
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Fax 617-267-1990

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**DAYTON HOPE VI
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100% CONSTRUCTION
DRAWINGS - PERMIT SET

File Name
Scale
ELECTRICAL DISTRIBUTION

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