

Project:

# Interior Renovations

Project Addresses:

House 1: 8847 St. Charles Rock Rd. St. John, MO 63119

Owner:

# Community Fire Protection District

Owner Address:

9411 Marlowe Avenue  
Overland, MO 63114



**1** HOUSE 1 AERIAL MAP  
NOT TO SCALE

INDEX OF DRAWINGS	
SHEET NUMBER	SHEET NAME
GENERAL	
G1.0	COVER SHEET
ARCHITECTURAL	
AD1.00	HOUSE 1 - SITE DEMO
AD1.01	HOUSE 1 - DEMO PLAN
A1.00	HOUSE 1 - SITE RENO PLAN
A1.01	HOUSE 1 - RENO PLAN
A1.02	HOUSE 1 - REFLECTED CEILING PLAN

Engineer Seal



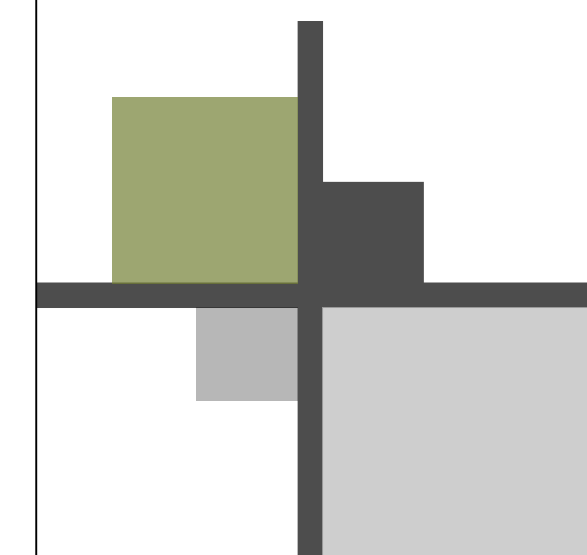
1024 Cool Springs Industrial Drive  
O'Fallon, MO 63366  
6363-294-6245

Community Fire Interior Renovations - House 1  
Community Fire Protection District  
3736 Geraldine Avenue St. Ann, MO 63074

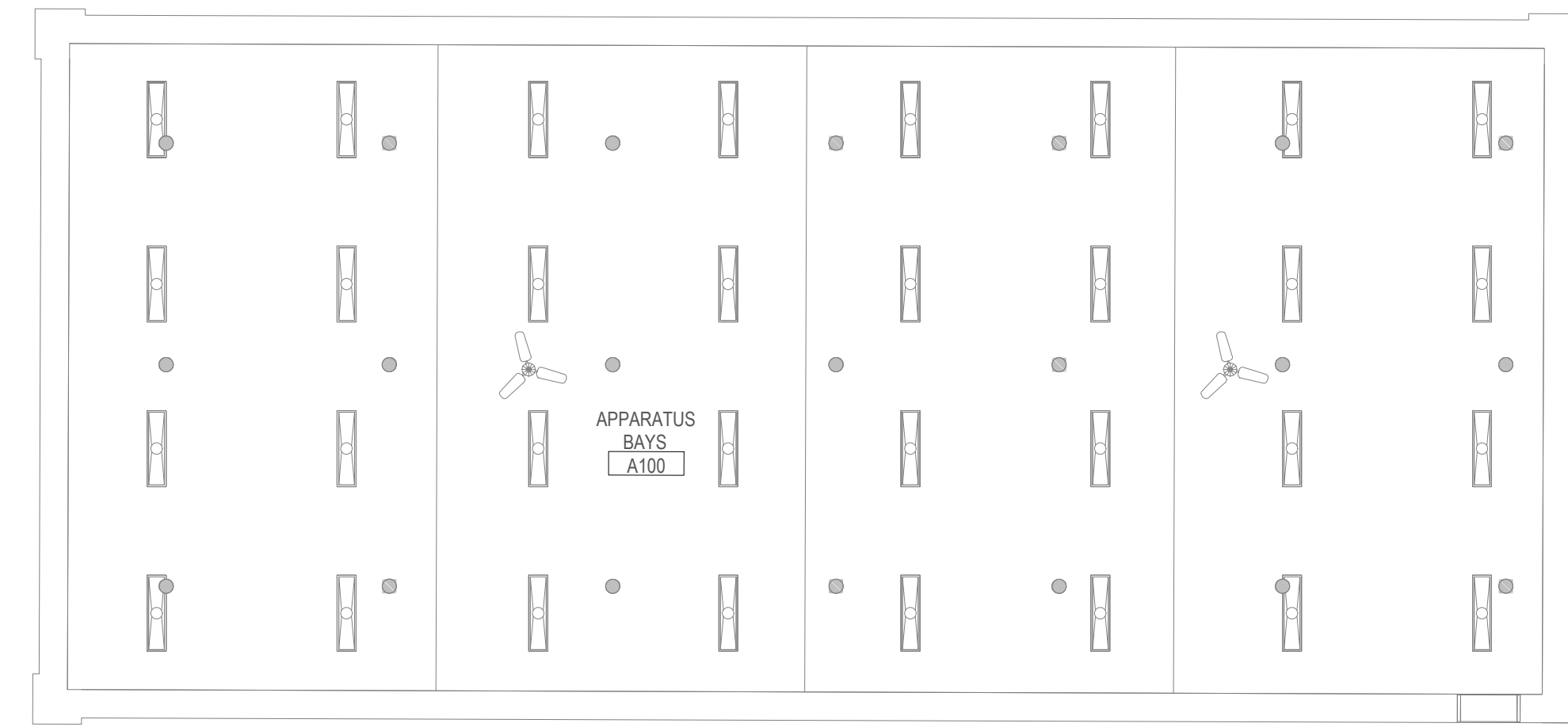
No.	Revision/Issue	Date

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Cover Sheet

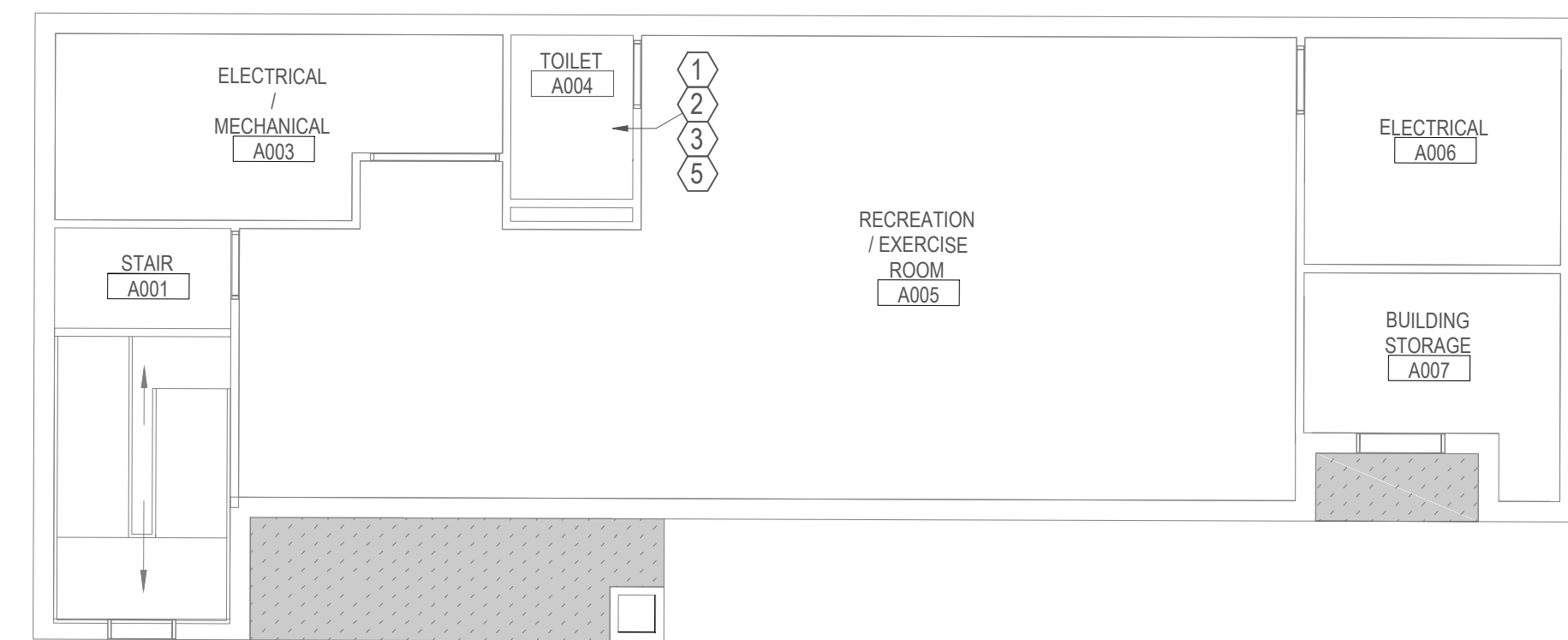
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Project Number  
25004  
Date  
04.22.25  
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Sheet  
G1.0



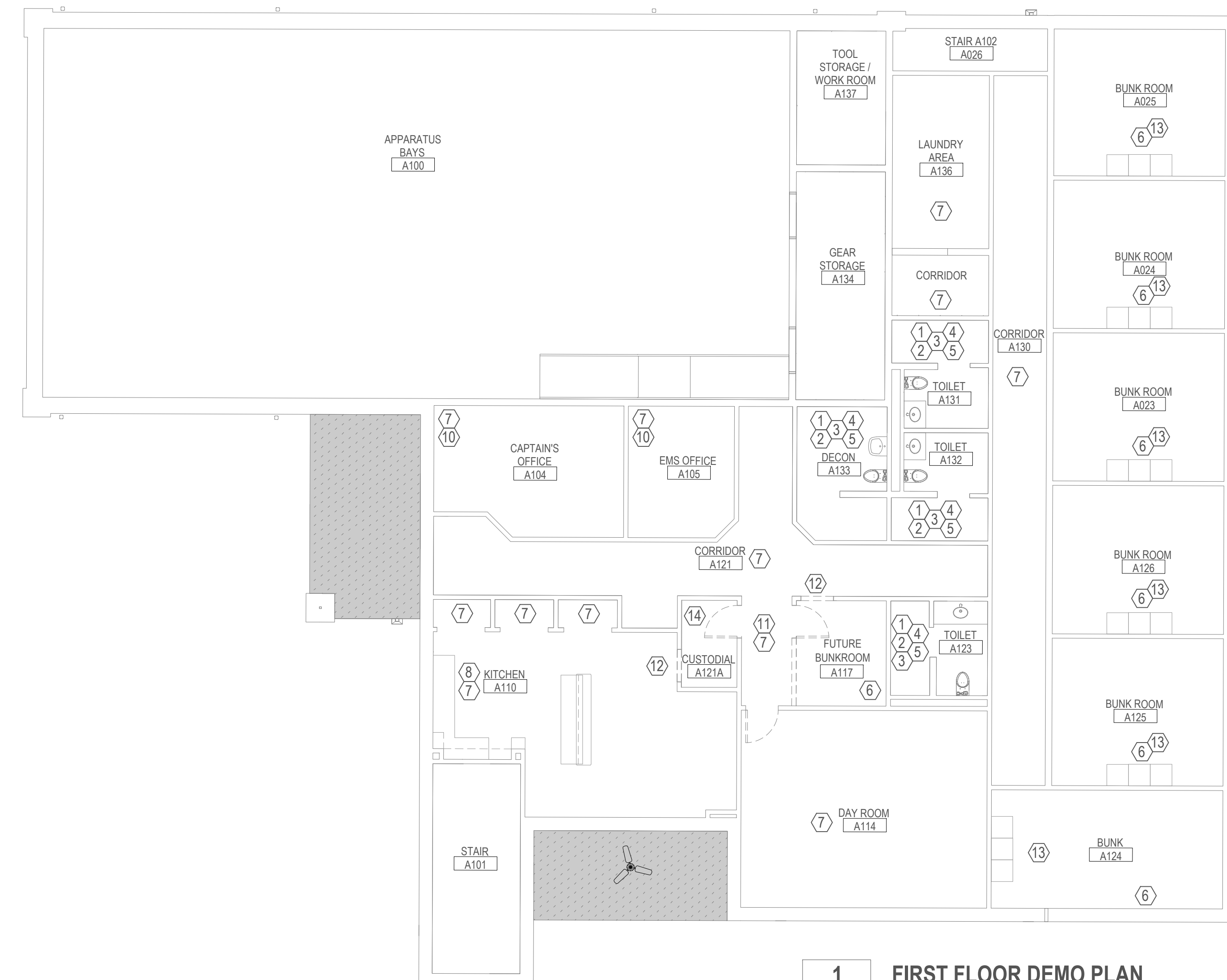




**3 MEZZANINE DEMO PLAN**  
AD1.01 1/8" = 1'-0"



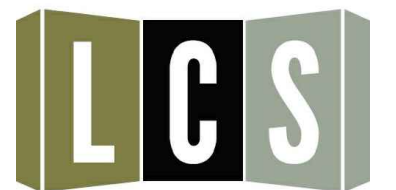
**2 BASEMENT DEMO PLAN**  
AD1.01 1/8" = 1'-0"



**1 FIRST FLOOR DEMO PLAN**  
AD1.01 1/8" = 1'-0"

- ① DEMO EXISTING VANITY AND TOP
- ② DEMO EXISTING PLUMBING FIXTURES IN RESTROOMS
- ③ DEMO EXISTING FLOORING AND WALLS TO BARE STUDS IN RESTROOMS
- ④ DEMO EXISTING SHOWER CURTAINS
- ⑤ REMOVE & REPLACE PLUMBING AS NECESSARY TO CORRECT VENTING ISSUES. SELECTIVE DEMOLITION WILL BE REQUIRED
- ⑥ DEMO EXISTING FLOORING AND RESILIENT BASE IN BUNK ROOM, KNIFE TOP OF BASE TO WALL PREVENT DELAMINATION OF DRYWALL FACE
- ⑦ DEMO EXISTING FLOORING AND RESILIENT BASE, KNIFE TOP OF BASE TO WALL PREVENT DELAMINATION OF DRYWALL FACE
- ⑧ DEMO ALL EXISTING KITCHEN CASEWORK AND COUNTERTOP, SALVAGE AND REUSE OWNER APPLIANCES
- ⑨ DEMO FRONT CONCRETE DRIVEWAY, FULL DEPTH REMOVAL IS REQUIRED.
- ⑩ DEMO EXISTING CASEWORK IN EACH OFFICE SPACE, REFER TO AS BUILT SHEET FOR DETAILS
- ⑪ DEMO THREE EXISTING DOORS IN CORRIDOR
- ⑫ DEMO WALL FOR NEW OPENINGS
- ⑬ (BID ALTERNATE #2) DEMO EXISTING CABINETS IN BUNK ROOMS
- ⑭ REMOVE AND REUSE SHELVING

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**Community Fire Interior Renovations House 1**

Community Fire Protection District

8847 St. Charles Rock Rd. St. John, MO 63119

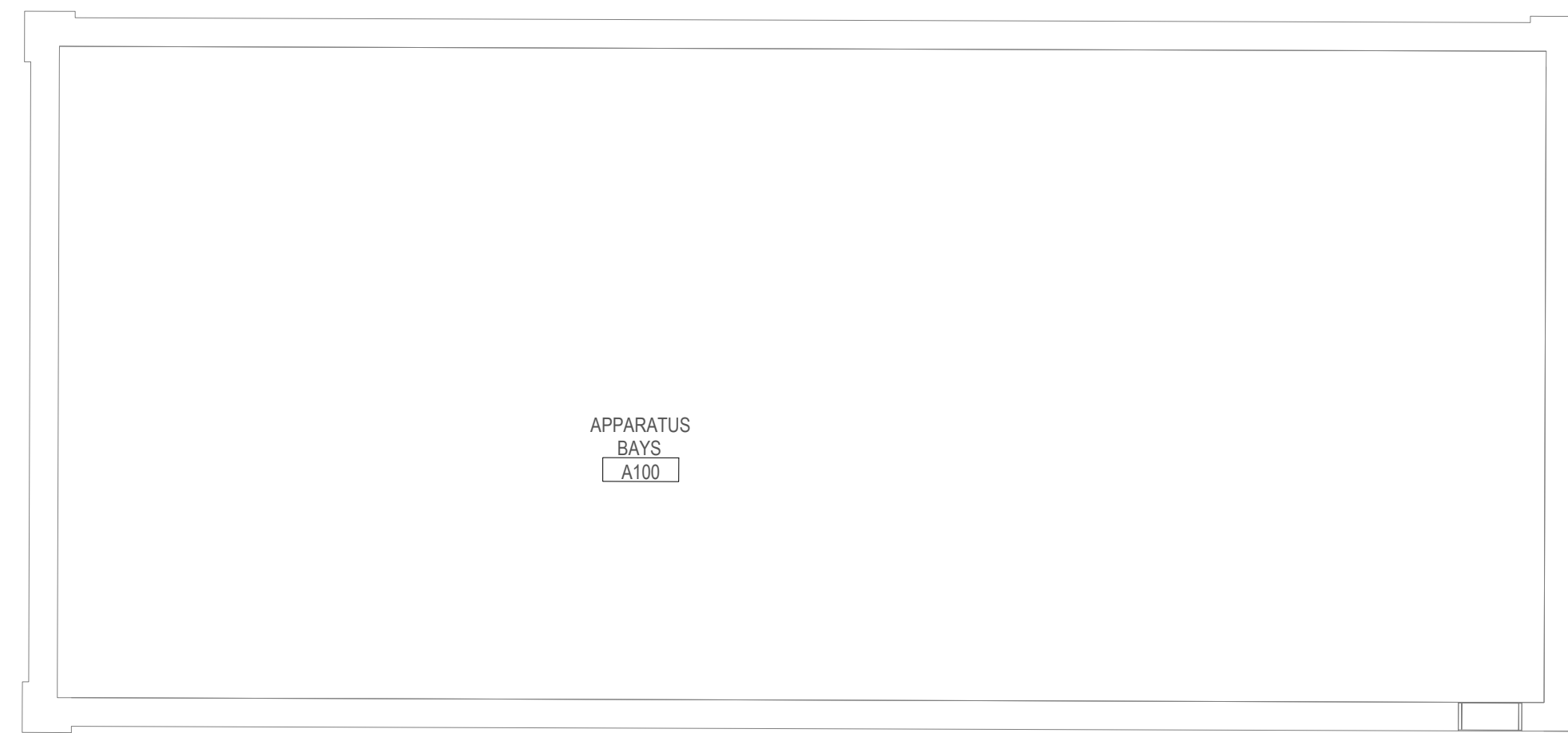
No.	Revision/Issue	Date

Sheet Title  
House 1 - Demo Plan

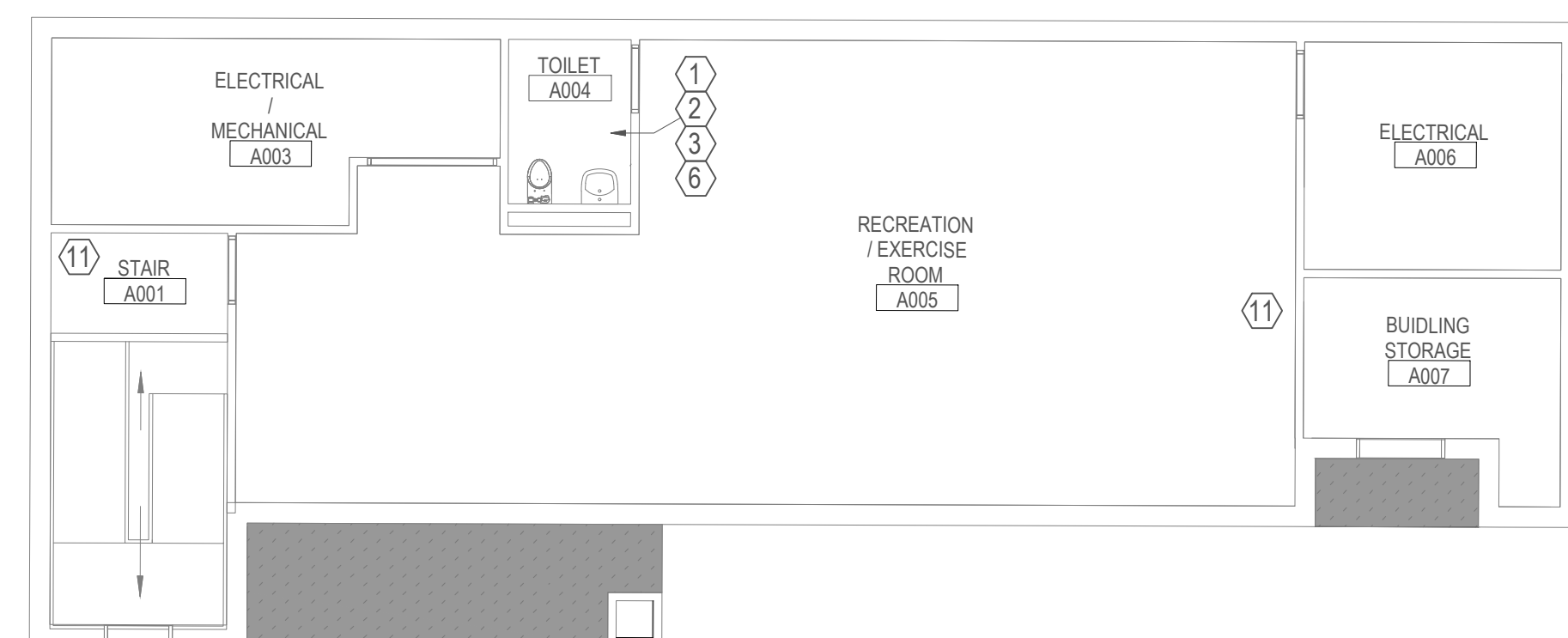
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25004  
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04.22.25  
Scale  
1/8" = 1'-0"  
Sheet

AD1.01





**3 MEZZANINE FLOOR PLAN**  
**A1.01** 1/8" = 1'-0"



**2 BASEMENT FLOOR PLAN**  
**A1.01** 1/8" = 1'-0"

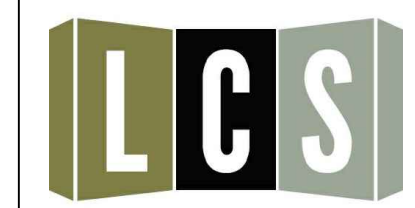


**1 FIRST FLOOR PLAN**  
**A1.01** 1/8" = 1'-0"

- ① EXISTING VANITY TO BE REPLACED WITH NEW VANITY WITH STORAGE AND DRIP TRAY
- ② REPLACE ALL PLUMBING FIXTURES IN RESTROOM, TOILETS TO BE FLUSHOMETER FLOOR MOUNTED UNITS
- ③ ALL BATHROOMS TO BE RESINOUS FLOOR THROUGHOUT, WITH 4" INTEGRAL COVE BASE
- ④ SHOWER STALLS TO HAVE SOLID SURFACE WALL PANELS, PANELS TO BE 8'-0" TALL
- ⑤ INSTALL NEW SHOWER ROD AND CURTAINS
- ⑥ REPLACE PLUMBING AS NECESSARY TO CORRECT VENTING ISSUES. SELECTIVE DEMOLITION WILL BE REQUIRED. SEE NOTES ON DEMO SHEETS
- ⑦ INSTALL NEW LVT FLOORING WITH RUBBER FLOOR BASE IN BUNK ROOMS
- ⑧ INSTALL NEW RESINOUS FLOORING WITH RUBBER FLOOR BASE IN CAPTAINS AND EMS OFFICES
- ⑨ INSTALL NEW KITCHEN CABINETRY AND SOLID SURFACE COUNTERTOPS, SEE EXISTING PLANS FOR DETAILS
- ⑩ REPLACE DAMAGED OR MISSING WINDOW HARDWARE, IF NOT POSSIBLE WINDOW TO BE REMOVED AND REPLACED
- ⑪ PAINT ALL WALLS AND DOOR FRAMES
- ⑫ SUPPLY AND INSTALL NEW BUILT IN CASEWORK FOR EACH OFFICE SPACE, SEE EXISTING PLANS FOR DETAILS
- ⑬ BUILD NEW WALL AS SHOWN, PATCH AND REPAIR DRYWALL, PAINT WALLS, AND INSTALL NEW LVT FLOORING TO CONVERT STORAGE ROOM TO A FLOATER BUNK
- ⑭ REINSTALL SHELVING ON OPPOSITE SIDE OF CUSTODIAL ROOM, PATCH AND REPAIR DRYWALL
- ⑮ ADD NEW DOOR TO A121A FROM INSIDE KITCHEN AREA
- ⑯ (BID ALTERNATE #1) PRICE FOR MILLWORK BASE IN LIEU OF RUBBER BASE
- ⑰ (BID ALTERNATE #2) INSTALL NEW STORAGE CABINETS AND DESK IN EACH BUNK ROOM
- ⑱ INSTALL NEW RESINOUS FLOORS WITH 4" RUBBER COVE BASE
- ⑲ INSTALL NEW DOOR

⑩ TYP. ALL WINDOWS

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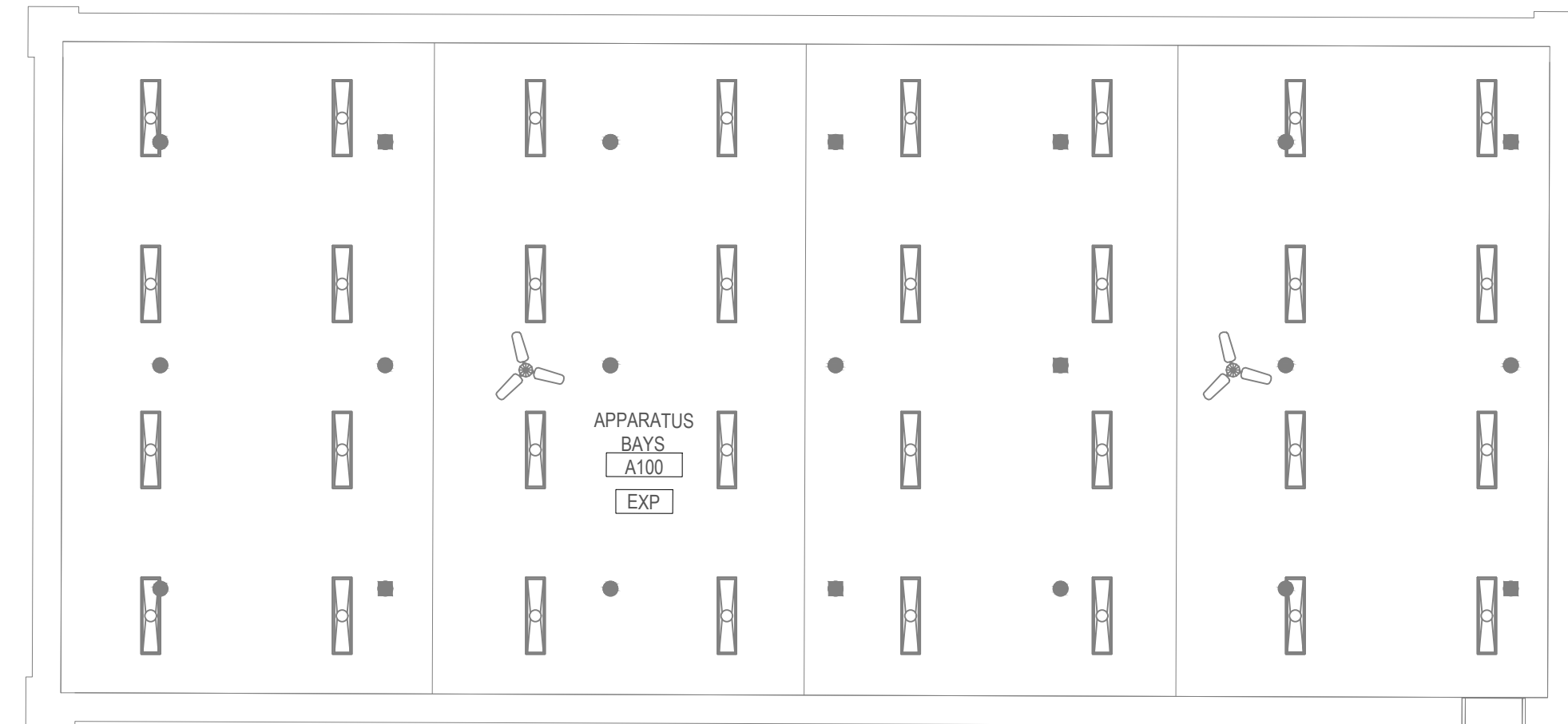
**Community Fire Interior Renovations House 1**  
 Community Fire Protection District  
 8847 St. Charles Rock Rd. St. John, MO 63119

No.	Revision/Issue	Date

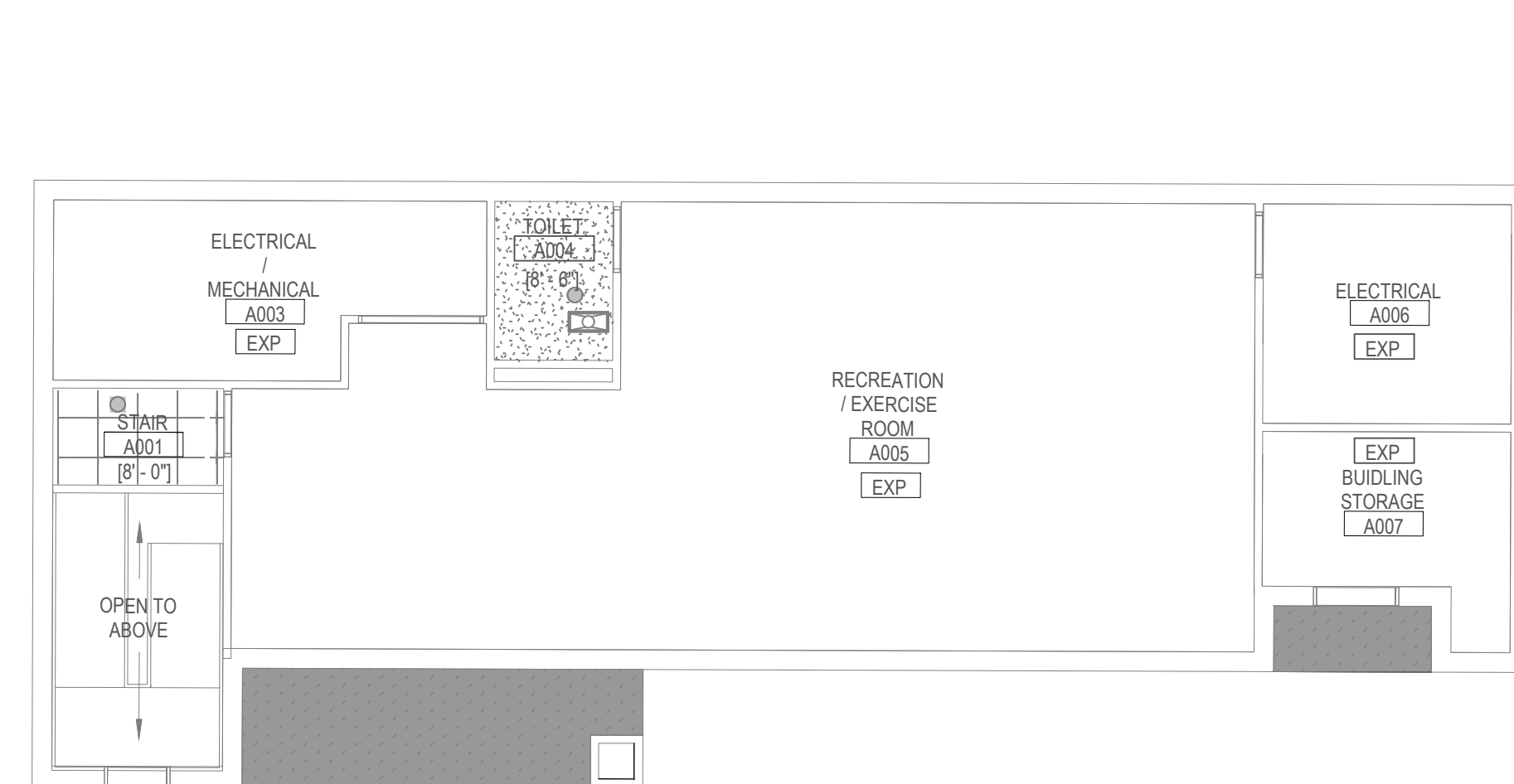
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**House 1 - Reno Plan**

Project Number  
 JE  
 Project Number  
 25004  
 Date  
 04.22.25  
 Scale  
 1/8" = 1'-0"  
 Sheet

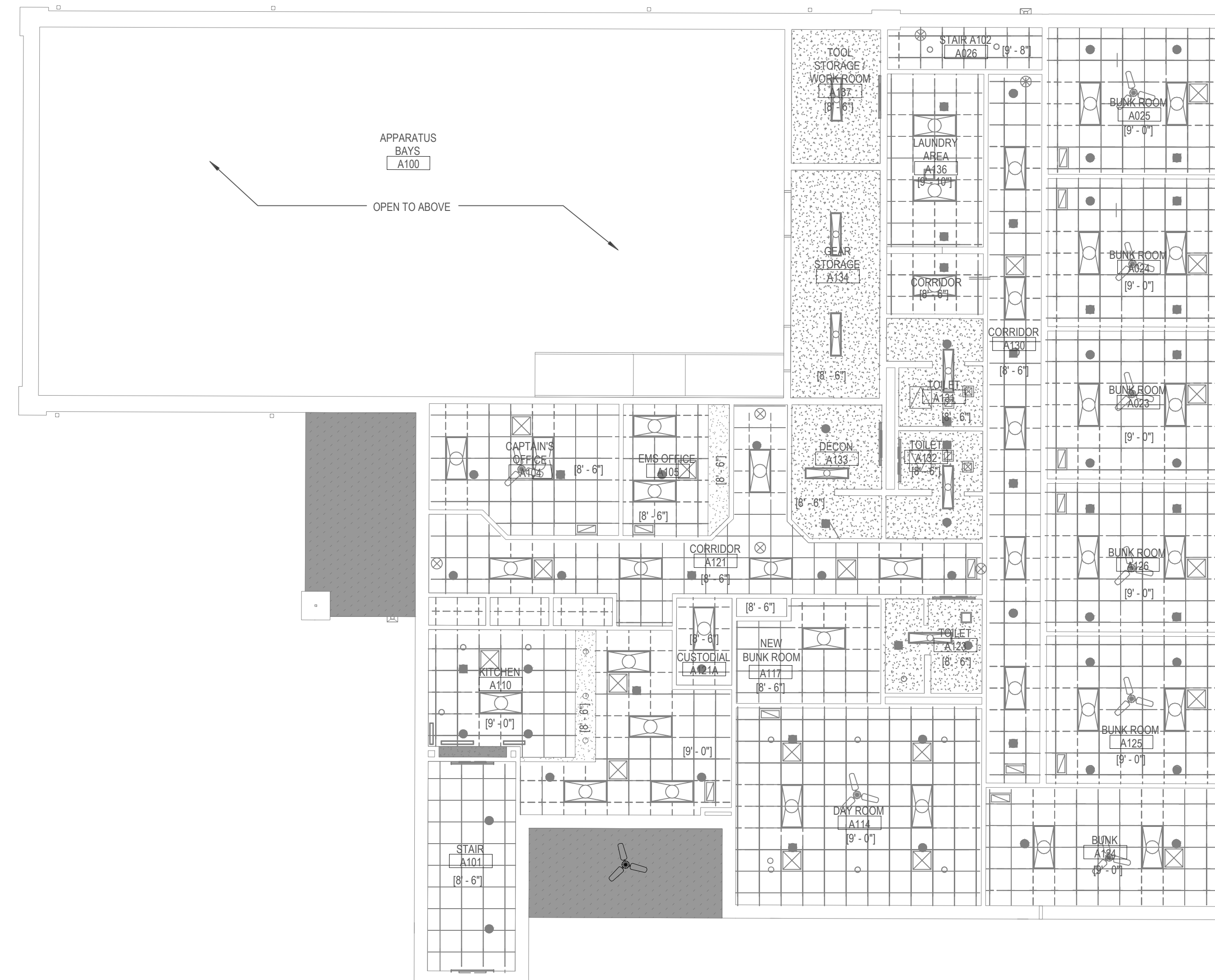
**A1.01**



**3** MEZZANINE REFLECTED CEILING PLAN  
**A1.02** 1/8" = 1'-0"

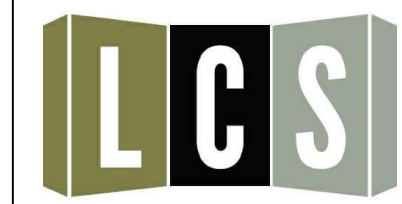


**2** BASEMENT REFLECTED CEILING PLAN  
**A1.02** 1/8" = 1'-0"



**1** FIRST FLOOR REFLECTED CEILING PLAN  
**A1.02** 1/8" = 1'-0"

Engineer Seal



1024 Cool Springs Industrial Drive  
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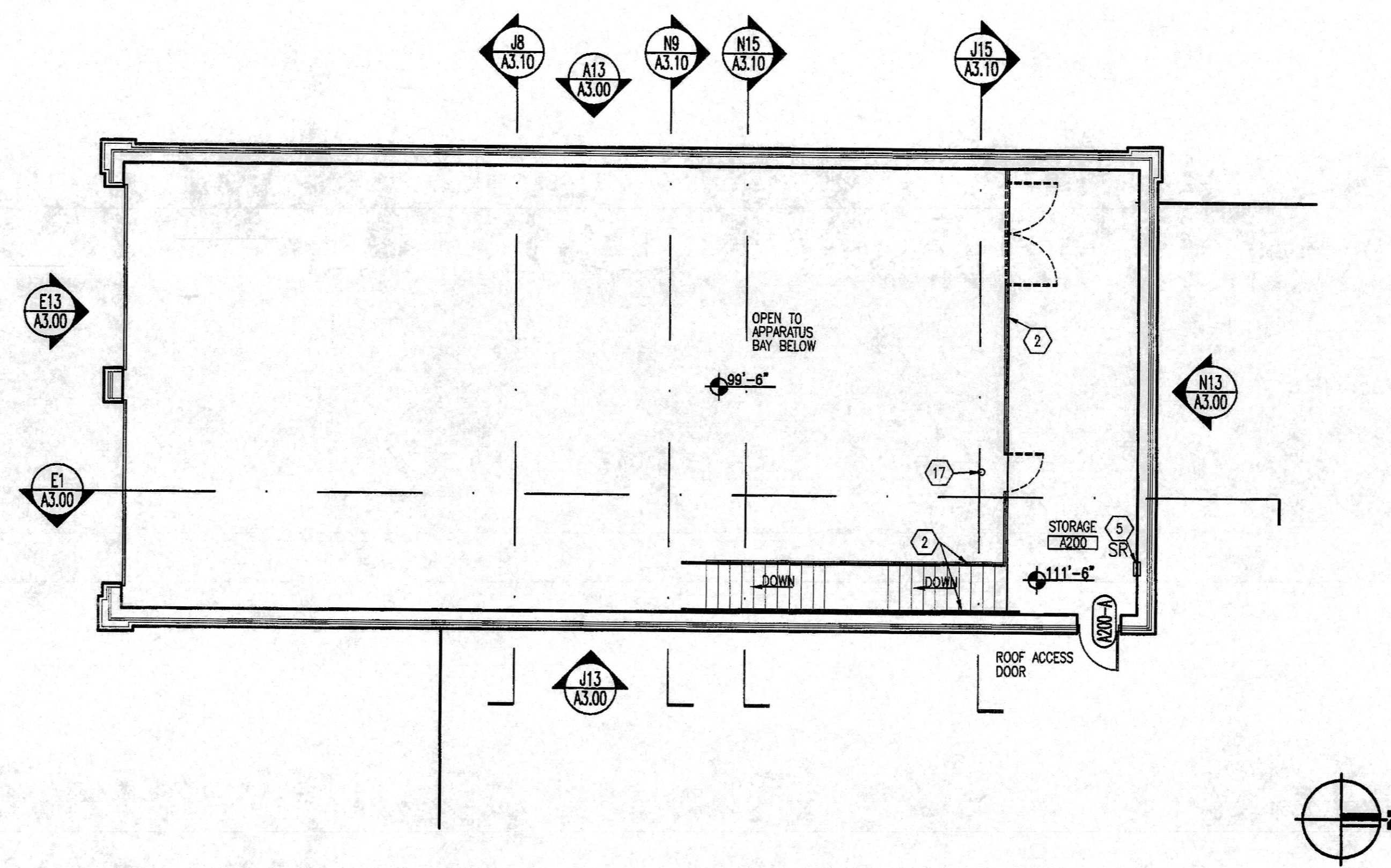
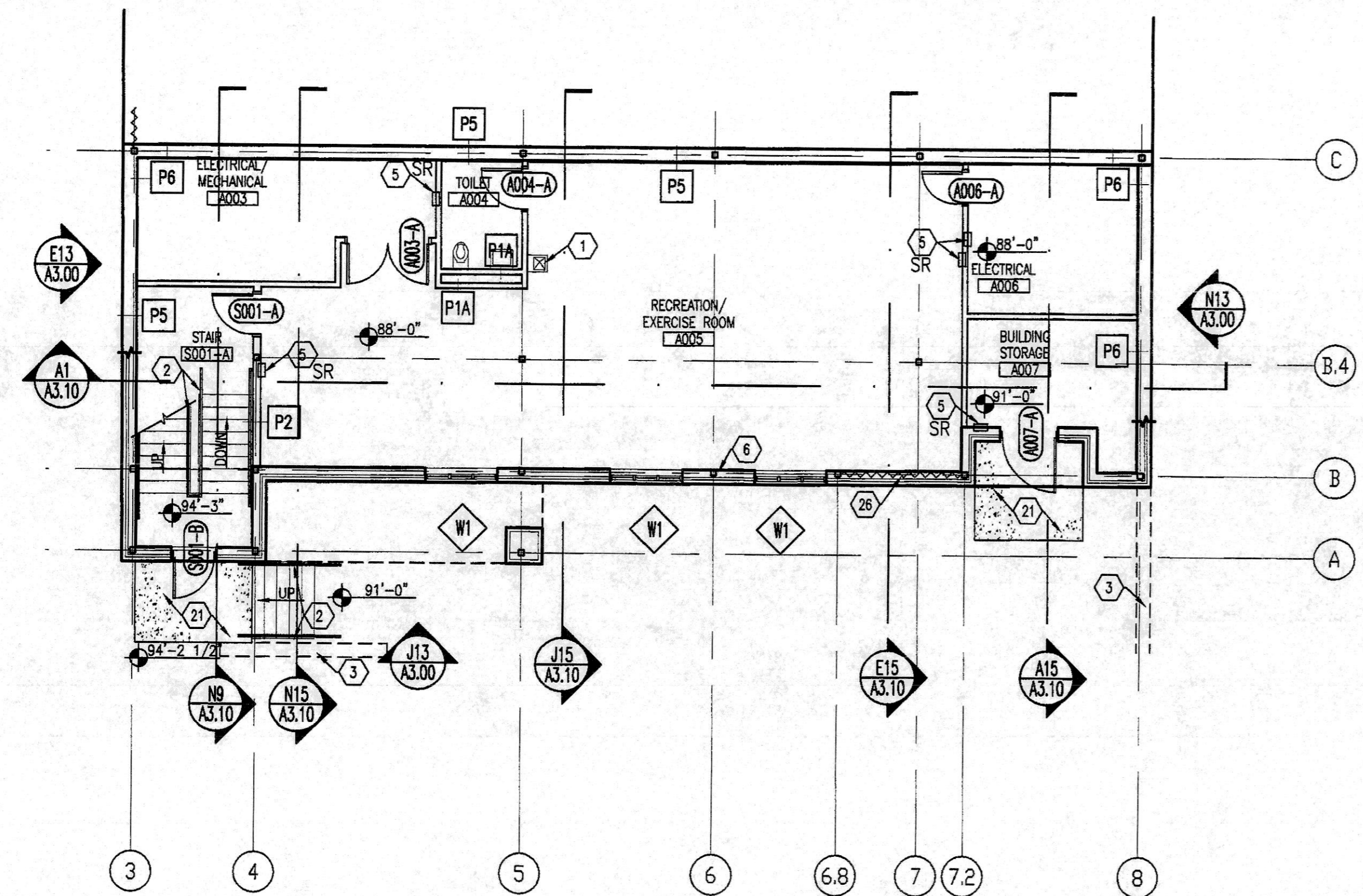
**Community Fire Interior Renovations House 1**  
 Community Fire Protection District  
 8847 St. Charles Rock Rd. St. John, MO 63119

No.	Revision/Issue	Date

Sheet Title  
 House 1 - Reflected Ceiling Plan

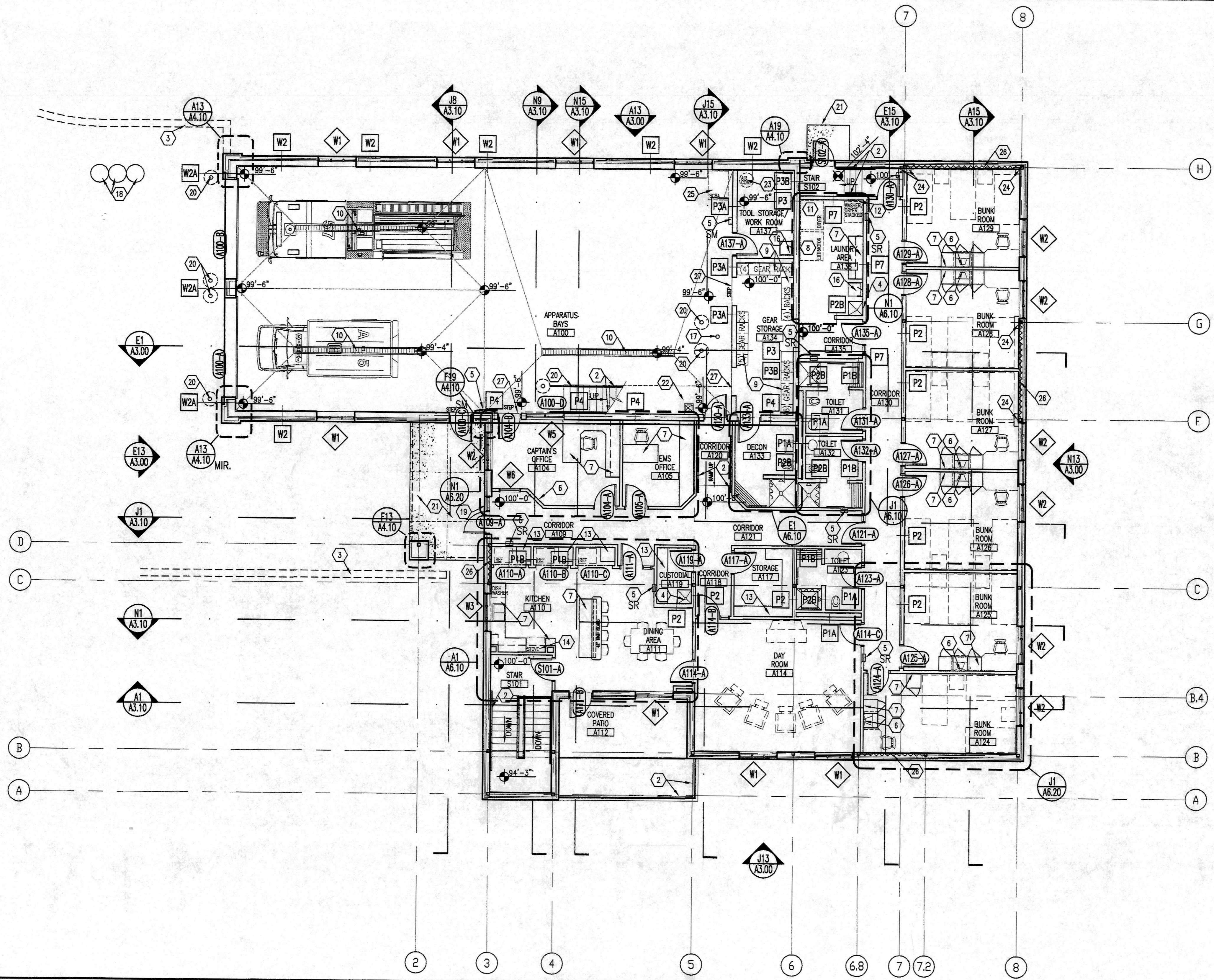
Project Number  
 JE  
 Project Number  
 25004  
 Date  
 04.22.25  
 Scale  
 1/8" = 1'-0"  
 Sheet

A1.02



**L1 LOWER FLOOR PLAN**  
1/8" = 1'-0"

**L10 MEZZANINE FLOOR PLAN**  
1/8" = 1'-0"



**A1 UPPER FLOOR PLAN**  
1/8" = 1'-0"

- 1 ELECTRIC WATER COOLERS - SEE PLUMBING SHEETS
- 2 STEEL HANDRAILS - PRIME & PAINT - SEE DETAIL ON SHEET A7.10
- 3 RETAINING WALL - SEE CIVIL DRAWINGS
- 4 MOP SINK AND WALL MTD. MOP HOLDER - SEE AND PLUMBING SHEETS
- 5 FIRE EXTINGUISHER CABINET - SEE SHEET A4.10  
SR = SEMI RECESSED, SM = SURFACE MOUNTED
- 6 TV/VCR WALL MOUNTED BRACKET LOCATION- INSTALL FIRE-TREATED TYPE 'A' SOLID WOOD BLOCKING, ELEC. AND CABLE BY ELECTRICAL CONTRACTOR (TYPICAL)  
- TV / VCR / BY OWNER. COORD. BLOCKING WITH ELEC./TV OUTLET LOCATIONS.
- 7 COUNTERTOP W/ BASE CABINETS AND WALL CABINETS WHERE SHOWN, CASE WORK IN KITCHEN SHALL BE STEEL, ALL OTHER CASEWORK SHALL BE PLAM FINISH UNLESS NOTED.
- 8 COMMERCIAL WASHER/EXTRACTOR-PROVIDED AND INSTALLED BY OWNER-SEE MEP FOR ADDITIONAL REQUIREMENTS
- 9 (19) - OWNER FURNISHED CONTRACTOR INSTALLED WALL MOUNTED GEAR RACKS
- 10 TRENCH DRAINS - SEE PLUMBING SHEETS
- 11 COMMERCIAL DRYER - PROVIDED AND INSTALLED BY OWNER-SEE MEP FOR ADDITIONAL REQUIREMENTS
- 12 RESIDENTIAL GRADE STACKED WASHER / DRYER - PROVIDED AND INSTALLED BY OWNER - SEE MEP FOR ADDITIONAL REQUIREMENTS
- 13 (6) SHELVES HIGH SHELVING. SEE DETAILS ON SHEET A6.11
- 14 RANGE HOOD - SEE MECHANICAL DRAWINGS
- 16 LAUNDRY SINK - SEE 'P' SHEETS
- 17 OWNER FURNISHED CONTRACTOR INSTALLED BRASS FIRE POLE WITH FLANGES. PROVIDE FIRE TREATED TYPE 'A' SOLID WOOD BLOCKING AT CEILING FOR MOUNTING.
- 18 CONTRACTOR SHALL PRIME/PAINT ALL THREE STEEL EXPOSED OIL SEPARATOR LIDS.
- 19 CAST PLAQUE - SEE DETAIL ON SHEET A3.01
- 20 PIPE BOLLARDS - SEE SHEET A0.20 - PRIME AND PAINT.
- 21 4" THICK CONCRETE STOOP W/ 1'-0" THICK CONCRETE FROST WALLS. EXTEND 36" BELOW GRADE. REINF W/ W1.4 x W1.4 WWF AND TIE INTO FOUNDATION PER STRUCTURAL DETAILS
- 22 ICE MACHINE - BY OWNER-SEE ELEC. & PLBG. SHEETS FOR ADDITIONAL REQUIREMENTS
- 23 AIR COMPRESSOR - PROVIDED AND INSTALLED BY OWNER. SEE 'MEP' SHEETS FOR ADDITIONAL REQUIREMENTS.
- 24 PROVIDE 5/8" GYP BORAD ON 7/8" METAL HAT CHANNELS AROUND CONCRETE FOUNDATION AS REQUIRED. PROVIDE 5/8" GYP BOARD ON 3 5/8" METAL STUDS AT 16" O.C. AS REQUIRED UP TO WINDOW STOOL HEIGHT AND INSTALL SOLID SURFACE MATERIAL CAP.
- 25 SCBA EQUIPMENT - PROVIDED AND INSTALLED BY OWNER-SEE MEP FOR ADDITIONAL REQUIREMENTS
- 26 STRUCTURAL BRACING IN WALL - SEE 'S' SERIES SEE MEP FOR ADDITIONAL REQUIREMENTS
- 27 PRIME AND PAINT STEP WITH NON SLIP TYPE PAINT.

**OWNER PROVIDED RECORD DRAWINGS. ONLY PROVIDED AS REFERENCE ONLY TO AID IN THE BIDDING PROCESS.**

**E20 KEYED NOTES**

01. SEE SHEET G1.10 FOR CODE INFORMATION, ABBREVIATIONS AND GRAPHIC SYMBOLS
02. SEE SHEETS A0.10 AND A0.20 FOR ARCHITECTURAL SITE PLAN, NOTES AND DIMENSIONS.
03. SEE SHEETS A1.10 FOR FLOOR PLAN DIMENSIONS.
04. SEE SHEETS A1.20 FLOOR PLAN NOTES.
05. SEE SHEETS A1.50 FOR ROOF PLAN.
06. SEE SHEET A2.10 FOR AND ROOM FINISH SCHEDULE, AND PARTITION TYPES - TYP. INT. PARTITION TYPE IS P1 UNLESS NOTED OTHERWISE.
07. SEE SHEET A2.10 FOR DOOR SCHEDULE AND WINDOW TYPES.
08. SEE SHEET A3.00 FOR EXTERIOR BUILDING ELEV.
09. SEE SHEET A3.10 FOR BUILDING SECTIONS.
10. SEE SHEETS A5.10 FOR REFLECTED CEILING PLAN NOTES AND DIMENSIONS.
11. SEE SHEET A5.10 FOR LOCATIONS AND TYPES OF FIRE RATED PARTITIONS AND WALLS

~~~~~ STRUCTURAL CROSS-BRACING. SEE STRUCTURAL SHEETS.

**A20 CROSS REFERENCE NOTES**

| ISSUANCE NO | DATE | DESCRIPTION | APPROVED |
|-------------|------|-------------|----------|
|             |      |             |          |

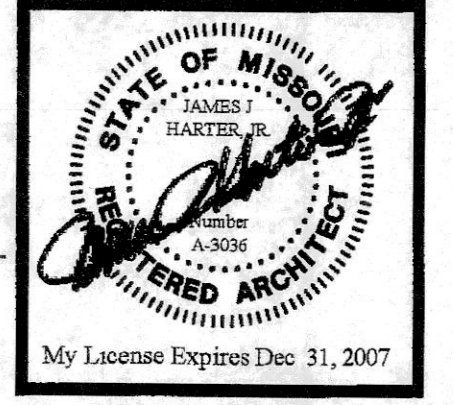
ALCONQUIN  
MT. VERNON  
OAK BROOK  
O'FALLON  
PEORIA

FGM

ARCHITECTS ENGINEERS INC. • ILLINOIS

|                  |          |
|------------------|----------|
| DATE             | 06-22-06 |
| DRAWN (MM/MS/AM) | TEK      |
| CHECKED          | JHH      |
| APPROVED         | JHH      |

Professional Design Firm  
# 184-000350



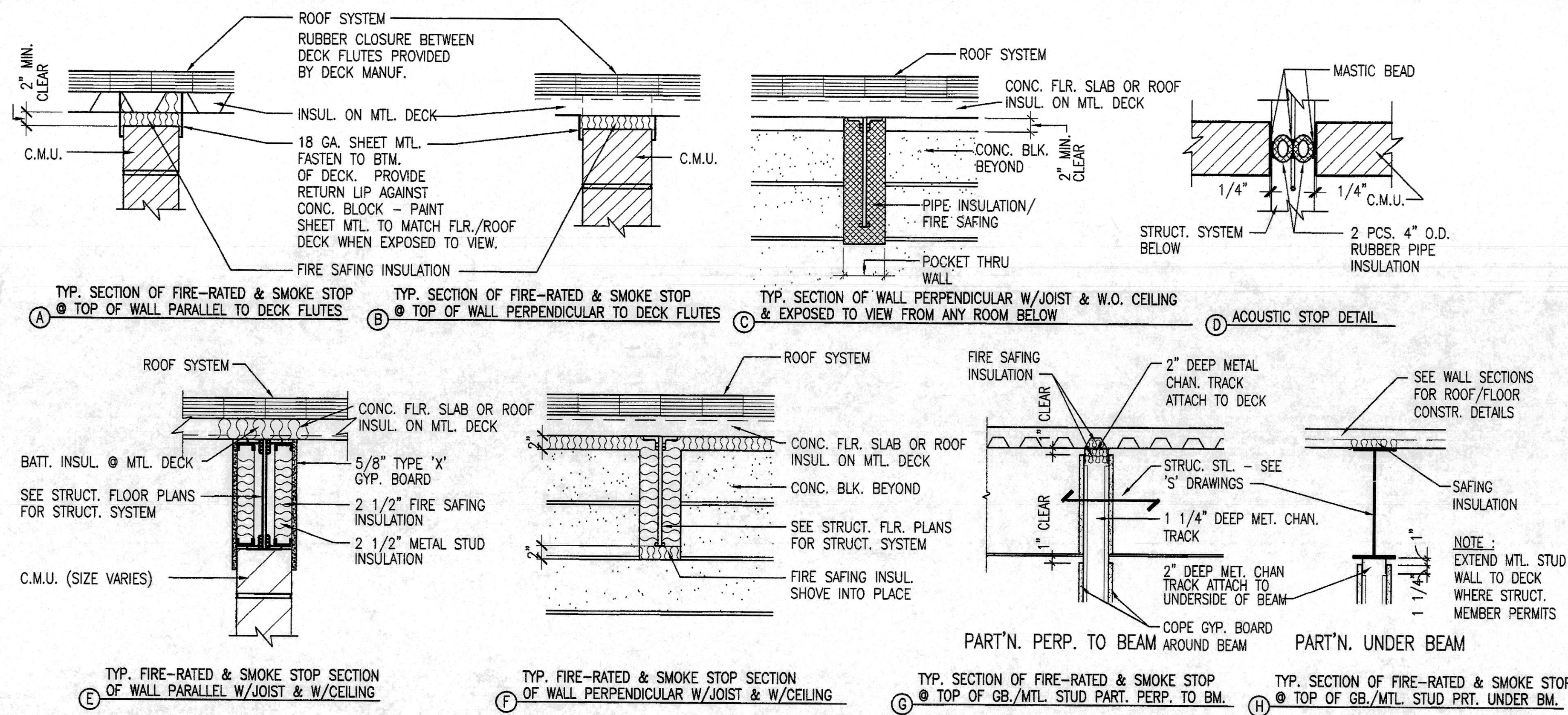
**NEW FIRE STATION, ENGINE HOUSE 1, FOR THE COMMUNITY FIRE PROTECTION DISTRICT**  
OWNER - COMMUNITY F.P.D.  
9411 MARLOWE  
ST. LOUIS, MISSOURI 63114

NOTE FLOOR PLANS

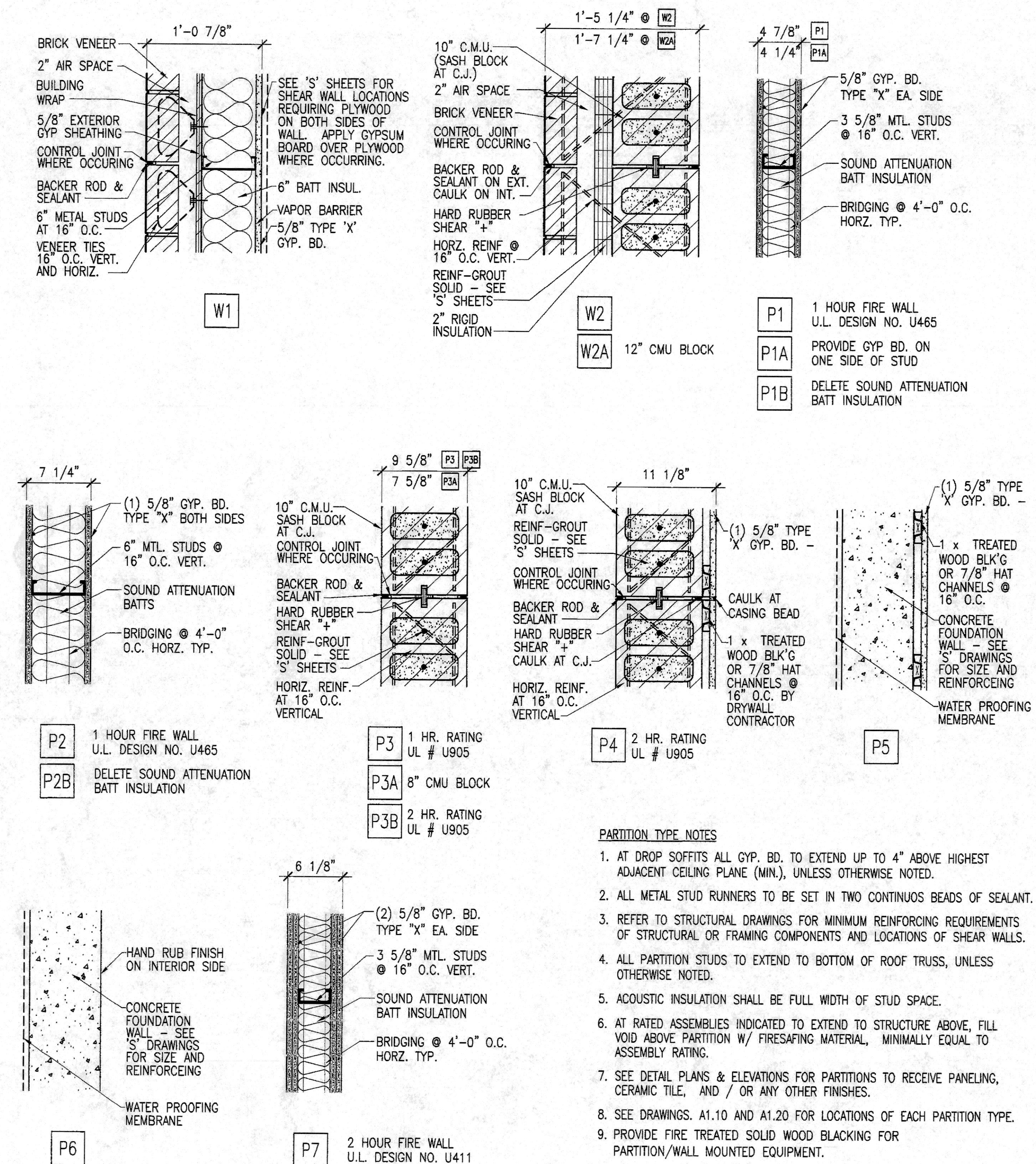
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SHEET NO  
**A1.20**  
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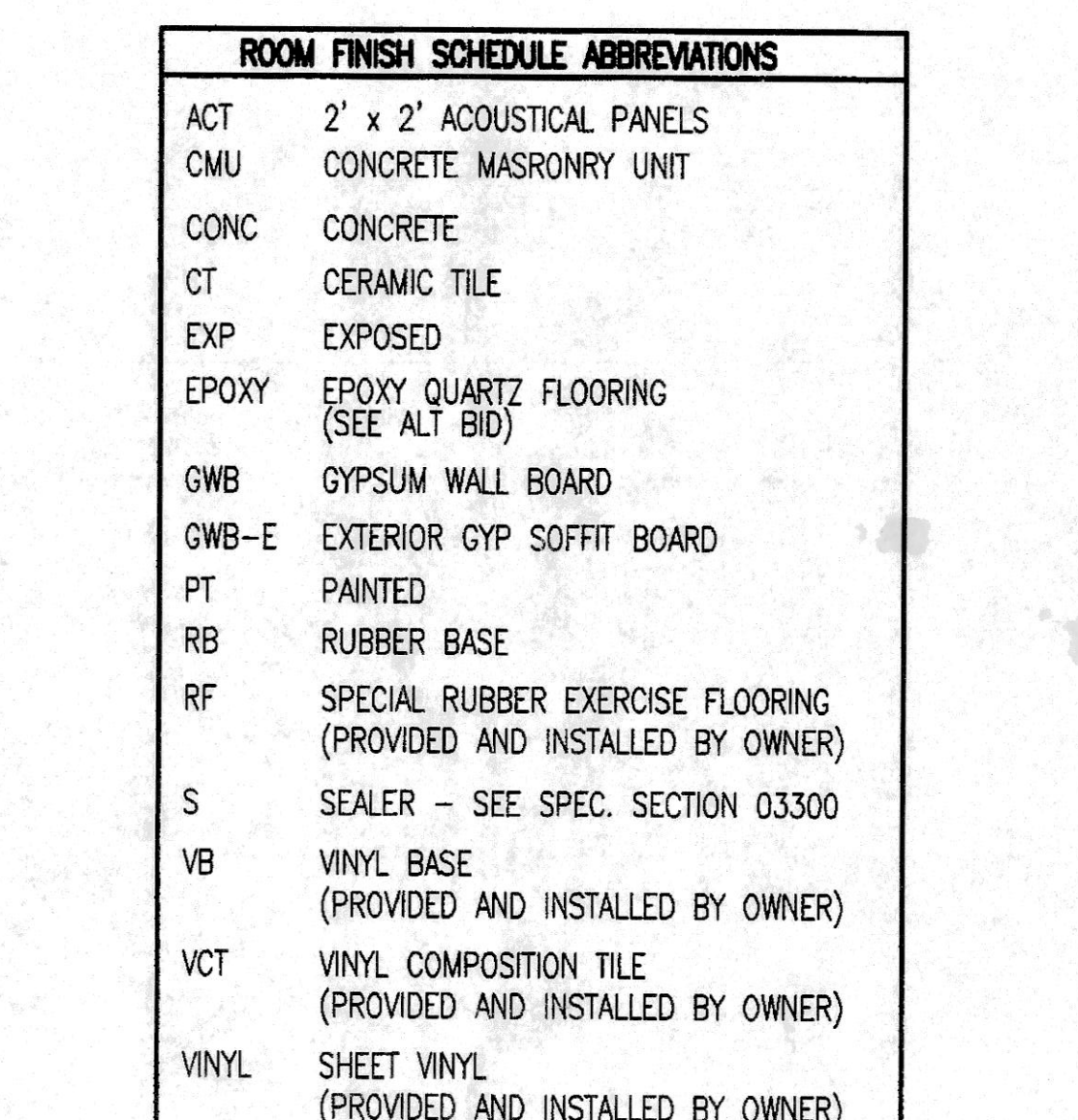


**L1 FIRE RATED PARTITION DETAILS**  
 1" = 1'-0"



- PARTITION TYPE NOTES**
1. AT DROP SOFFITS ALL GYP. BD. TO EXTEND UP TO 4" ABOVE HIGHEST ADJACENT CEILING PLANE (MIN.), UNLESS OTHERWISE NOTED.
  2. ALL METAL STUD RUNNERS TO BE SET IN TWO CONTINUOUS BEADS OF SEALANT.
  3. REFER TO STRUCTURAL DRAWINGS FOR MINIMUM REINFORCING REQUIREMENTS OF STRUCTURAL OR FRAMING COMPONENTS AND LOCATIONS OF SHEAR WALLS.
  4. ALL PARTITION STUDS TO EXTEND TO BOTTOM OF ROOF TRUSS, UNLESS OTHERWISE NOTED.
  5. ACOUSTIC INSULATION SHALL BE FULL WIDTH OF STUD SPACE.
  6. AT RATED ASSEMBLIES INDICATED TO EXTEND TO STRUCTURE ABOVE, FILL VOID ABOVE PARTITION W/ FIRE SAFING MATERIAL, MINIMALLY EQUAL TO ASSEMBLY RATING.
  7. SEE DETAIL PLANS & ELEVATIONS FOR PARTITIONS TO RECEIVE PANELING, CERAMIC TILE, AND / OR ANY OTHER FINISHES.
  8. SEE DRAWINGS. A1.10 AND A1.20 FOR LOCATIONS OF EACH PARTITION TYPE.
  9. PROVIDE FIRE TREATED SOLID WOOD BLACKING FOR PARTITION/WALL MOUNTED EQUIPMENT.
  10. TYPICAL INTERIOR PARTITION IS P1 UNLESS NOTED.
  11. TYPICAL EXTERIOR PARTITION IS W1 UNLESS NOTED.
  12. PROVIDE SASH BLOCK CMUs AT CONTROL JOINT LOCATIONS (TYPICAL).
  13. SEE R.C.P. FOR FIRE AND WALL LOCATIONS.

**H11 PENETRATION DETAIL**  
 1 1/2" = 1'-0"



**C11 ROOM SCHED. NOTES**

| ROOM NUMBER | ROOM NAME | MATERIAL FINISH |
|-------------|-----------|-----------------|
|             |           |                 |

**A11 ROOM SCHED. LEGEND**

**ROOM FINISH SCHEDULE**

| ROOM NUMBER | ROOM NAME               | FLOOR | BASE | WALLS |      |       |       | CEILING MATERIAL | REMARKS                           |
|-------------|-------------------------|-------|------|-------|------|-------|-------|------------------|-----------------------------------|
|             |                         |       |      | NORTH | EAST | SOUTH | WEST  |                  |                                   |
| A003        | ELECTRICAL / MECHANICAL | CONC  | -    | GWB   | GWB  | CONC  | CONC  | EXP              |                                   |
| A004        | TOILET                  | VINYL | CT   | -     | GWB  | GWB   | GWB   | GWB              | SEE ALTERNATE BID FOR EPOXY FLOOR |
| A005        | EXERCISE ROOM           | -     | -    | GWB   | GWB  | GWB   | GWB   | EXP              | SEE NOTE 2 BELOW                  |
| A006        | ELECTRICAL              | CONC  | -    | GWB   | GWB  | GWB   | CONC  | EXP              |                                   |
| A007        | BUILDING STORAGE        | CONC  | -    | GWB   | GWB  | GWB   | CONC  | EXP              |                                   |
| A100        | APPARATUS BAY           | CONC  | -    | CMU   | CMU  | CMU   | CMU   | GWB-E            | SEE NOTES 1, AND 3 BELOW          |
| A104        | CAPTAIN'S OFFICE        | -     | -    | GWB   | GWB  | GWB   | GWB   | -                | SEE NOTE 4 BELOW                  |
| A105        | EMS OFFICE              | -     | -    | GWB   | GWB  | GWB   | GWB   | -                | SEE NOTE 4 BELOW                  |
| A109        | CORRIDOR                | -     | -    | GWB   | GWB  | GWB   | GWB   | -                |                                   |
| A110        | KITCHEN                 | -     | -    | GWB   | GWB  | GWB   | -/GWB | -                | SEE RCP FOR BULKHEAD LOCATIONS.   |
| A111        | DINING AREA             | -     | -    | GWB   | GWB  | -     | GWB   | -/GWB            | SEE RCP FOR BULKHEAD LOCATIONS    |
| A112        | COVERED PATIO           | CONC  | -    | -     | -    | -     | -     | PLASTER          | SLOPE FLOOR TO DRAIN              |
| A114        | DAY ROOM                | -     | -    | GWB   | GWB  | GWB   | GWB   | -                | SEE NOTE 4 BELOW                  |
| A117        | STORAGE                 | -     | -    | PT    | PT   | PT    | PT    | ACT              |                                   |
| A118        | CORRIDOR                | -     | -    | GWB   | GWB  | GWB   | GWB   | ACT              |                                   |
| A119        | CUSTODIAL               | -     | -    | GWB   | GWB  | GWB   | GWB   | -                |                                   |
| A120        | CORRIDOR                | -     | -    | GWB   | GWB  | GWB   | GWB   | -                |                                   |
| A121        | CORRIDOR                | -     | -    | GWB   | GWB  | GWB   | GWB   | -                |                                   |
| A123        | TOILET                  | VINYL | CT   | CT    | CT   | CT    | CT    | PT               | SEE ALTERNATE BID FOR EPOXY FLOOR |
| A124        | BUNK ROOM               | -     | -    | GWB   | GWB  | GWB   | GWB   | -                | SEE NOTE 2 BELOW                  |
| A125        | BUNK ROOM               | -     | -    | GWB   | GWB  | GWB   | GWB   | -                |                                   |
| A126        | BUNK ROOM               | -     | -    | GWB   | GWB  | GWB   | GWB   | -                |                                   |
| A127        | BUNK ROOM               | -     | -    | GWB   | GWB  | GWB   | GWB   | -                |                                   |
| A128        | BUNK ROOM               | -     | -    | GWB   | GWB  | GWB   | GWB   | -                |                                   |
| A129        | BUNK ROOM               | -     | -    | GWB   | GWB  | GWB   | GWB   | -                |                                   |
| A130        | CORRIDOR                | -     | -    | GWB   | GWB  | GWB   | GWB   | -                |                                   |
| A131        | TOILET                  | VINYL | CT   | CT    | CT   | CT    | CT    | PT               | SEE ALTERNATE BID FOR EPOXY FLOOR |
| A132        | TOILET                  | VINYL | CT   | CT    | CT   | CT    | CT    | PT               | SEE ALTERNATE BID FOR EPOXY FLOOR |
| A133        | DECON                   | CONC  | -    | GWB   | GWB  | GWB   | GWB   | GWB              | SEE NOTE 2 BELOW                  |
| A134        | GEAR STORAGE            | CONC  | -    | CMU   | CMU  | CMU   | CMU   | CONC             | SEE ALTERNATE BID FOR EPOXY FLOOR |
| A135        | CORRIDOR                | CONC  | -    | GWB   | GWB  | CMU   | GWB   | -                | SEE NOTE 1 AND 3 BELOW            |
| A136        | LAUNDRY                 | CONC  | -    | GWB   | GWB  | CMU   | GWB   | -                | SEE ALTERNATE BID FOR EPOXY FLOOR |
| A137        | TOOL STORAGE/WORK ROOM  | CONC  | -    | CMU   | CMU  | CMU   | CMU   | EXP              | SEE NOTE 2 BELOW                  |
| A200        | MEZZANINE               | CONC  | -    | CMU   | CMU  | -     | -     | GWB-E            |                                   |
| S001-A      | STAIR                   | -     | -    | GWB   | GWB  | GWB   | GWB   | EXP/-            | PT ALL EXPOSED STEEL FOR STAIRS   |
| S101-A      | STAIR                   | -     | -    | GWB   | GWB  | GWB   | GWB   | -                | PT ALL EXPOSED STEEL FOR STAIRS   |
| S102-A      | STAIR                   | -     | -    | GWB   | GWB  | GWB   | GWB   | -                | PT ALL EXPOSED STEEL FOR STAIRS   |

- NOTES: THESE NOTES CORRESPOND TO NOTES LISTED IN REMARKS COLUMN**
1. EPOXY PAINT TO BE 8'-0" A.F.F. BY - SEMIGLOSS PAINT REMAINDER.
  2. WATER RESISTANT GYP BOARD IN THIS AREA.
  3. EPOXY FLOOR AND BASE BY ALT. IN ROOMS WITH F.F.E. OF 99'-6" EXTEND BASE UP 6". IN ROOMS WITH F.F.E. OF 100'-0" EXTEND BASE UP 8".
  4. ARCHITECT MAY SELECT (1) WALL FOR ACCENT PAINT COLOR.
- GENERAL NOTES:**
1. ALL VCT, VINYL, RF FLOOR AND VB SHALL BE PROVIDED AND INSTALLED BY OWNER AND IS SHOWN FOR REFERENCE ONLY. GENERAL CONTRACTOR SHALL COORDINATE SEQUENCE OF INTERIOR FINISHES WITH OWNER. SEE UNIT PRICE TO SEAL CONCRETE WHERE VCT / VINYL FLOOR WILL BE INSTALLED.

**OWNER PROVIDED RECORD DRAWINGS. ONLY PROVIDED AS REFERENCE ONLY TO AID IN THE BIDDING PROCESS.**

**A1 ROOM FINISH SCHEDULE**

**NEW FIRE STATION, ENGINE HOUSE 1, FOR THE COMMUNITY FIRE PROTECTION DISTRICT**  
 OWNER - COMMUNITY F.P.D.  
 8411 MARLOWE ST. LOUIS, MISSOURI 63114

**ROOM FINISH SCHEDULE AND PARTITION TYPES**

**A2.10**

OF

JOB NO 05-076.01

SHEET NO

APPROVED

ISSUANCE NO. DATE DESCRIPTION

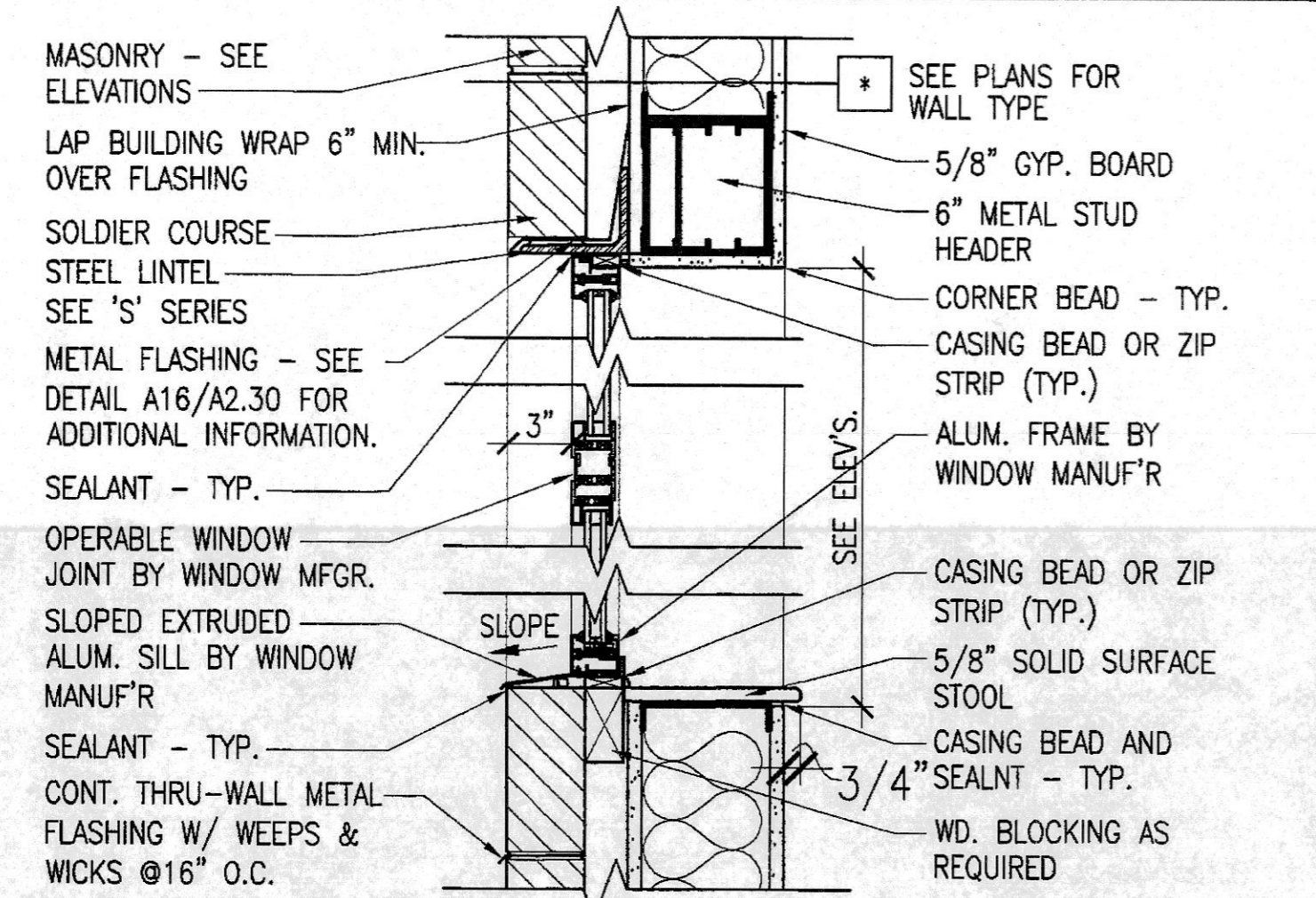
ALCONQUIN MT. VERNON OAK BROOK OF FALLON PEORIA ARCHITECTS ENGINEERS INC. ILLINOIS

**FCGM** ARCHITECTS ENGINEERS INC.

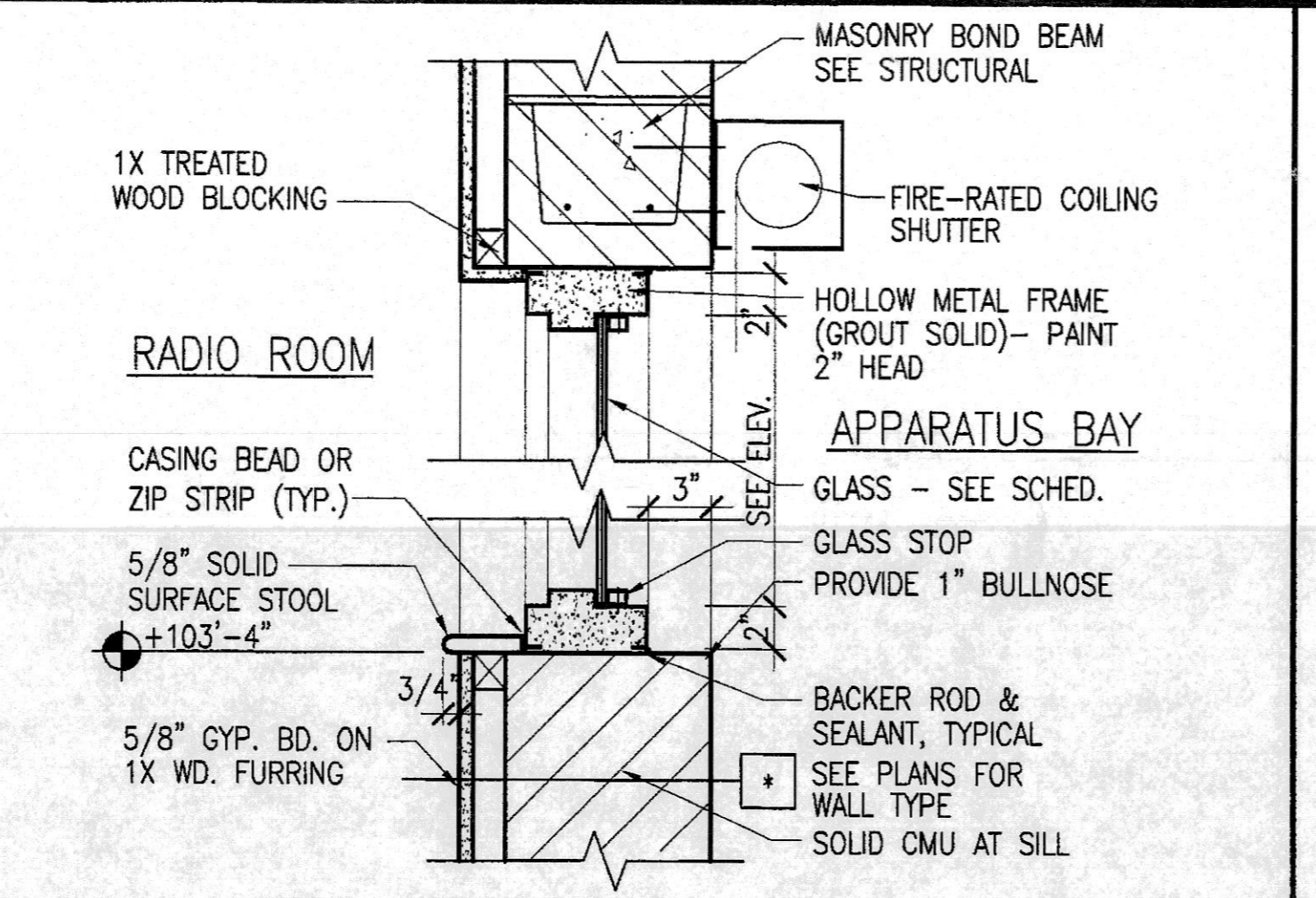
DATE 06-22-06  
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 CHECKED JKH  
 APPROVED JKH  
 Professional Design Firm # 184-000350

My License Expires Dec. 31, 2007

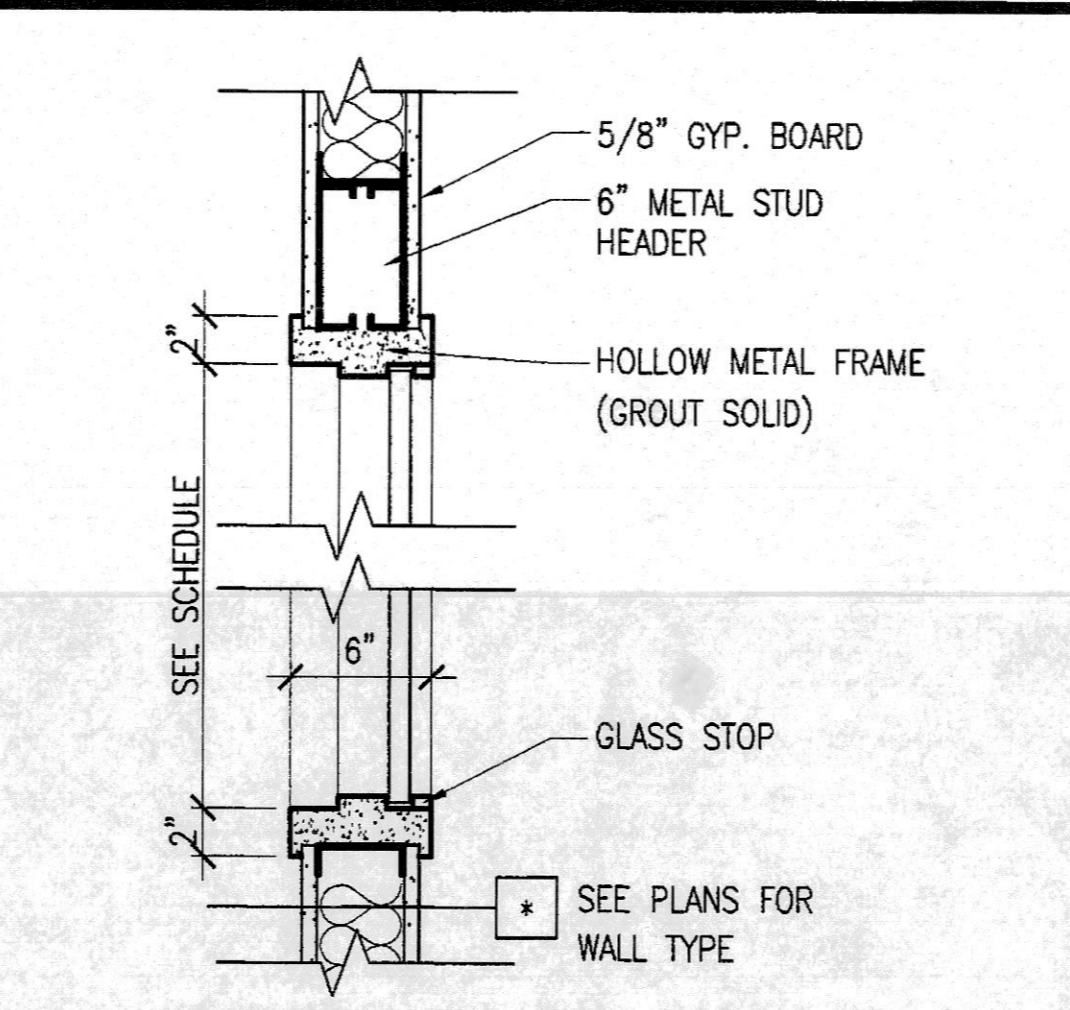
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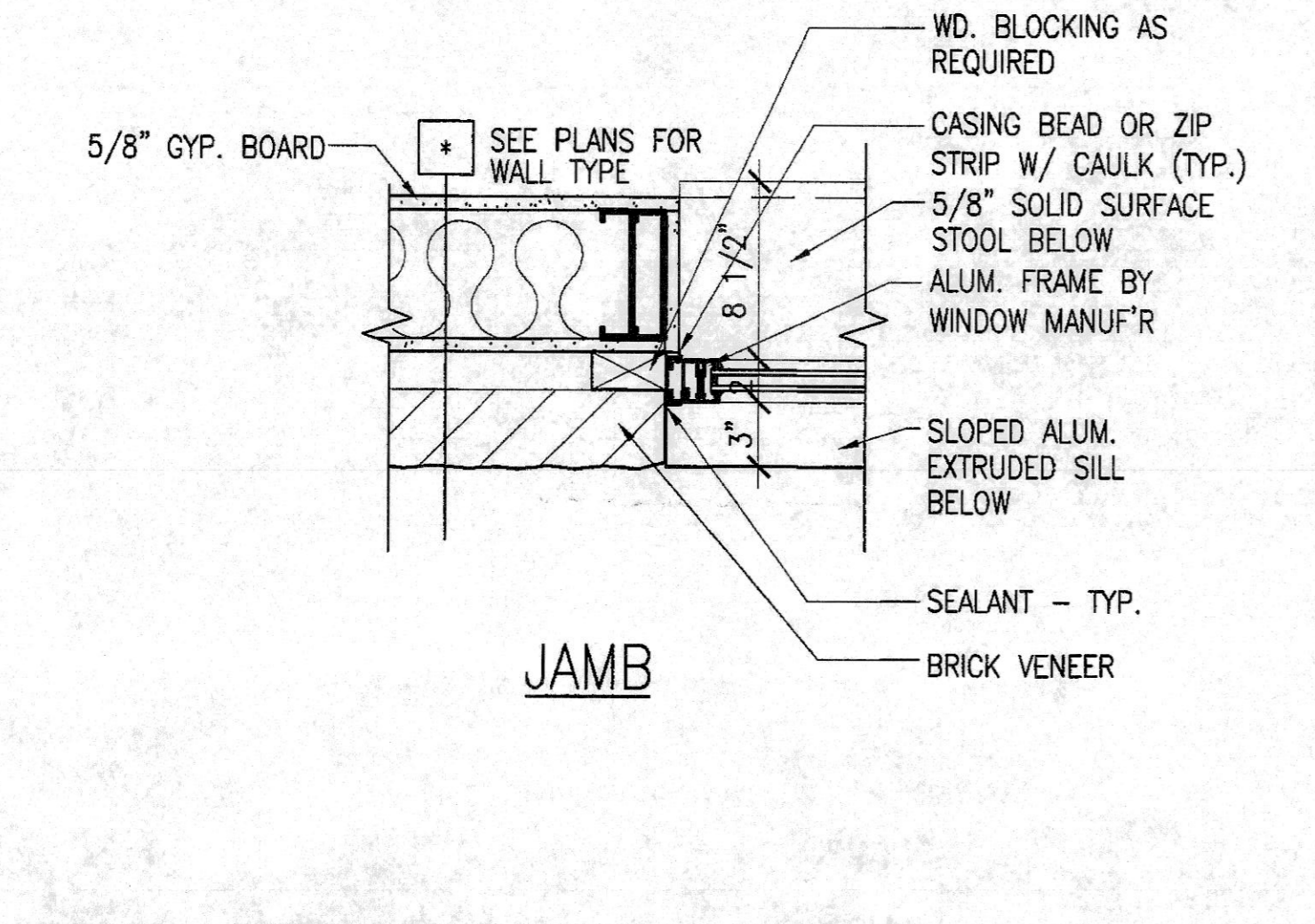
**N1 WINDOW HEAD & SILL DETAIL**  
1 1/2" = 1'-0"



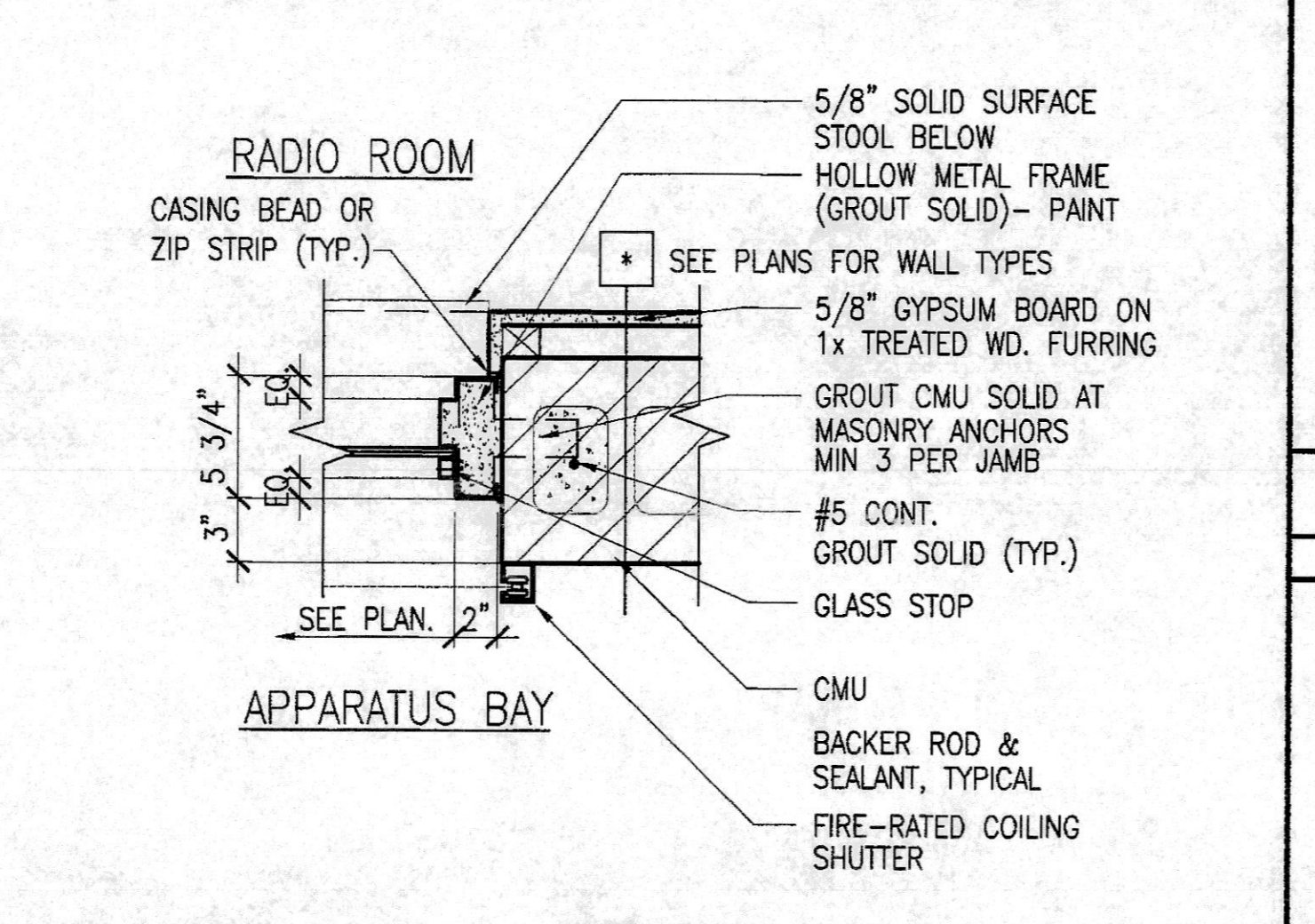
**N6 WINDOW HEAD & SILL DETAIL**  
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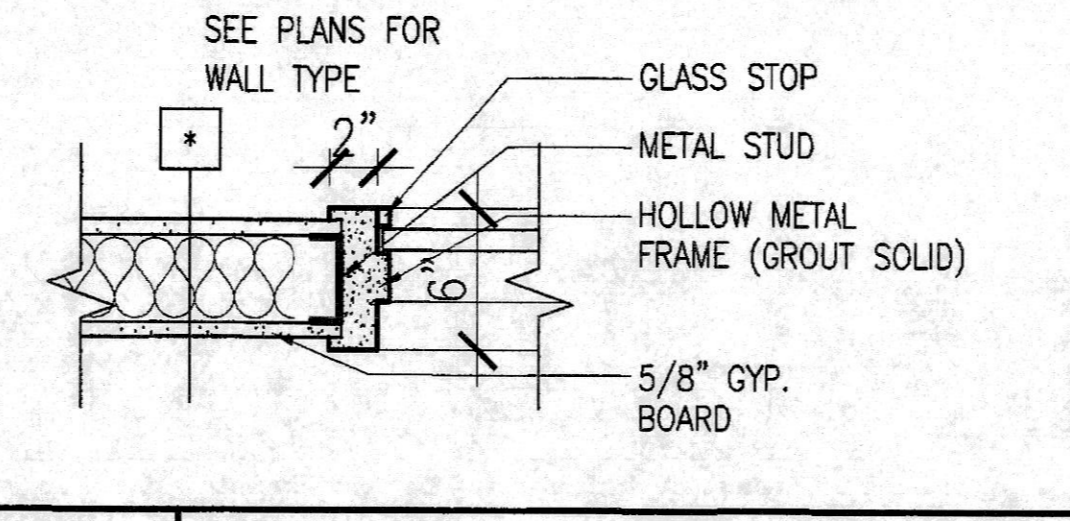
**N11 WINDOW HEAD DETAIL**  
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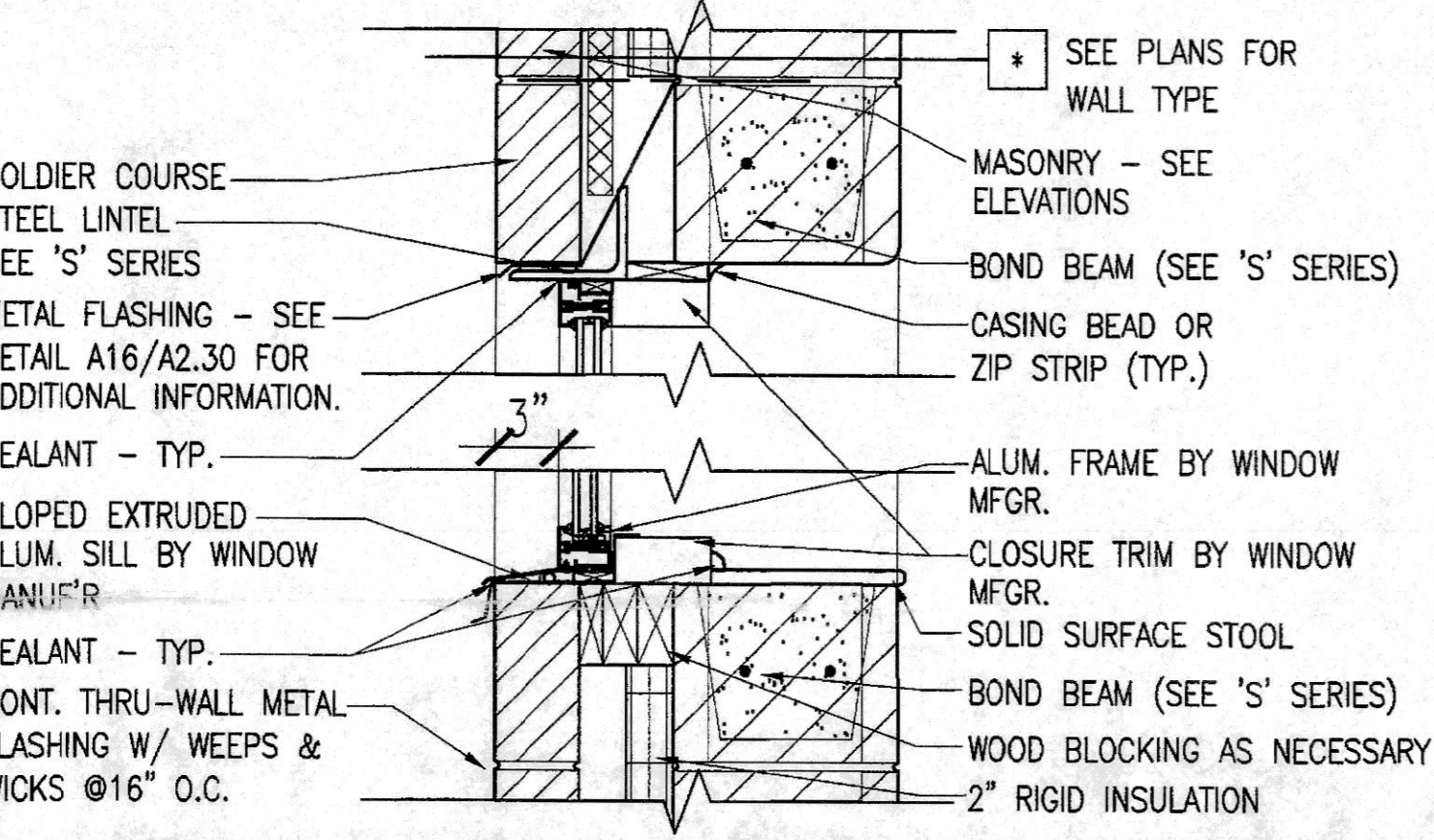
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1 1/2" = 1'-0"



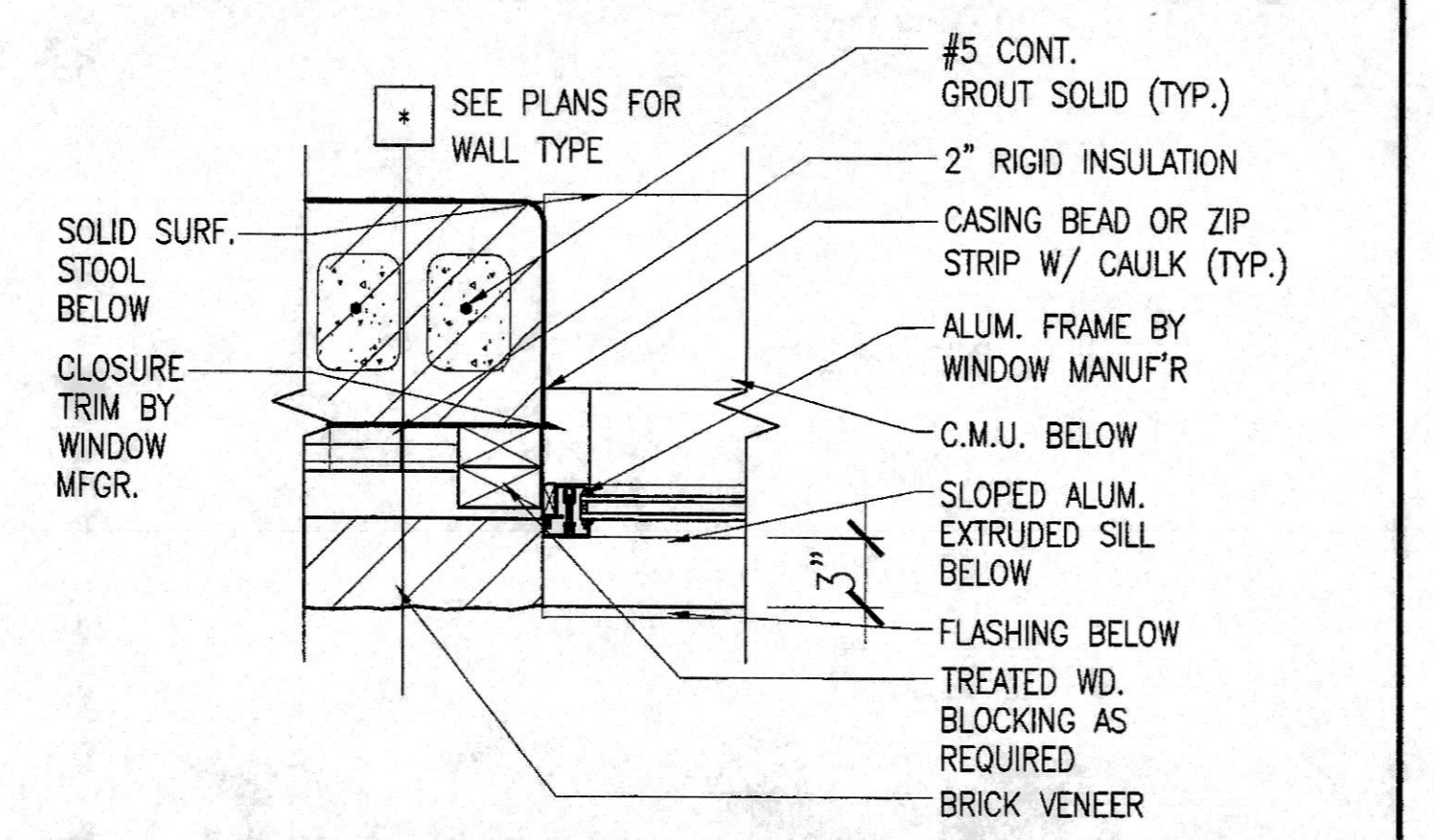
**K6 WINDOW JAMB DETAIL**  
1 1/2" = 1'-0"



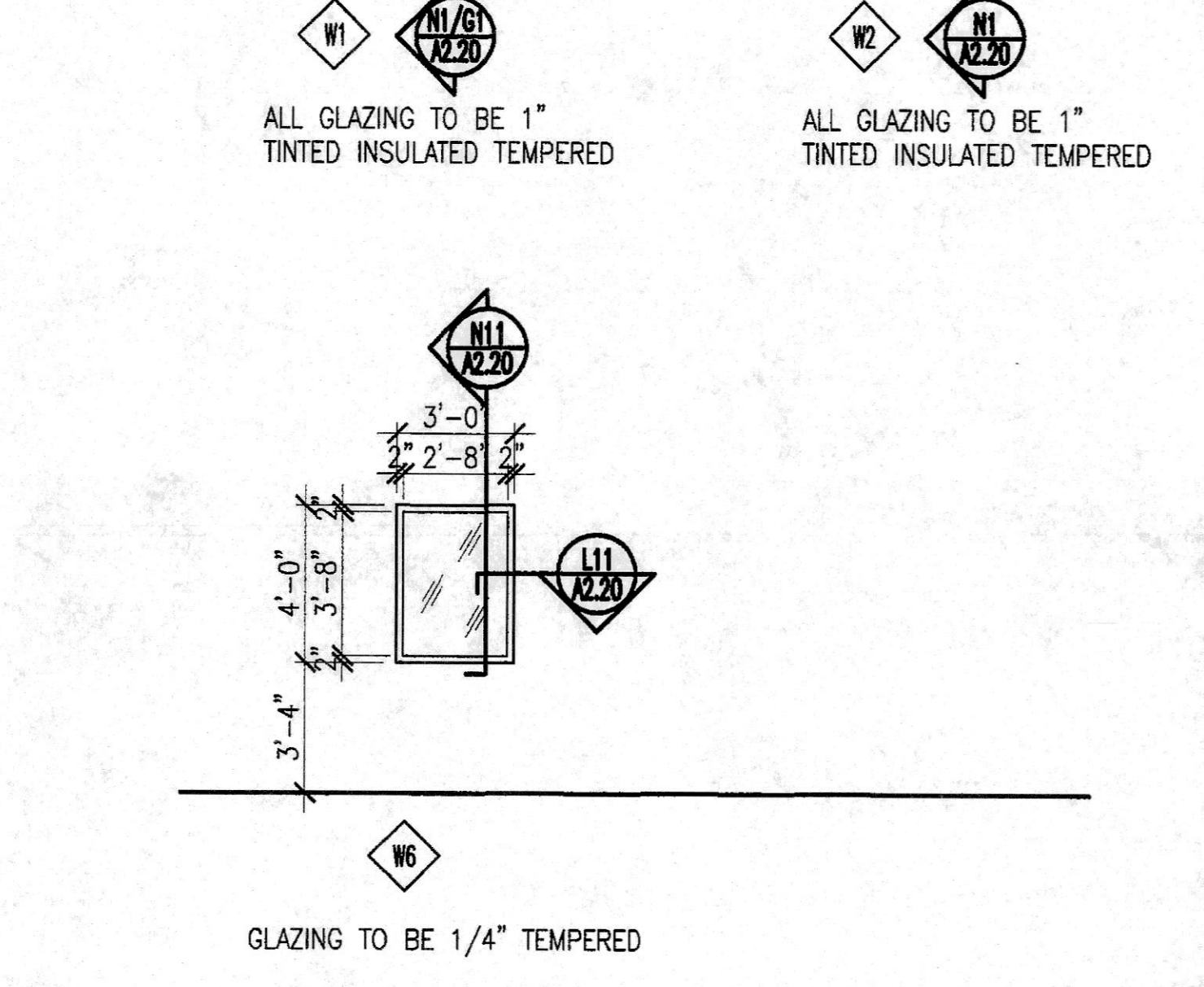
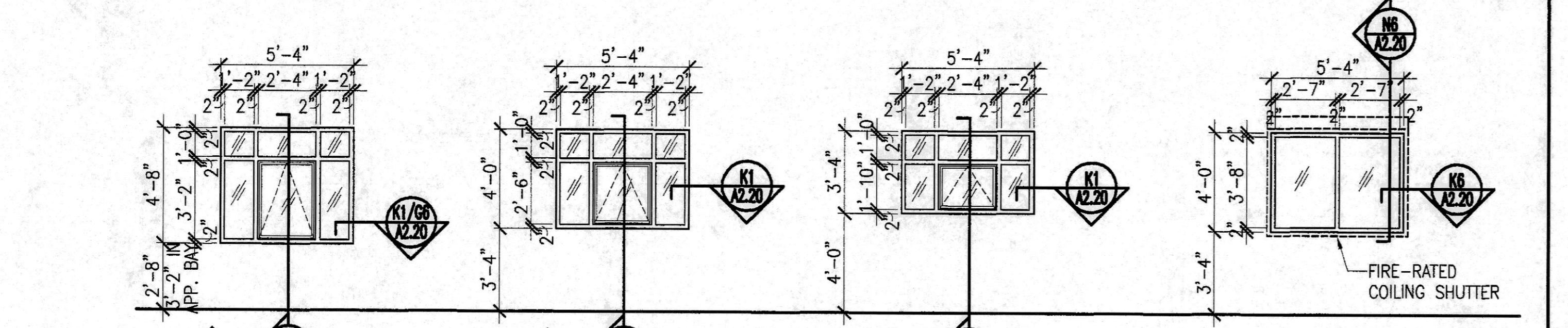
**L11 WINDOW JAMB DETAIL**  
1 1/2" = 1'-0"



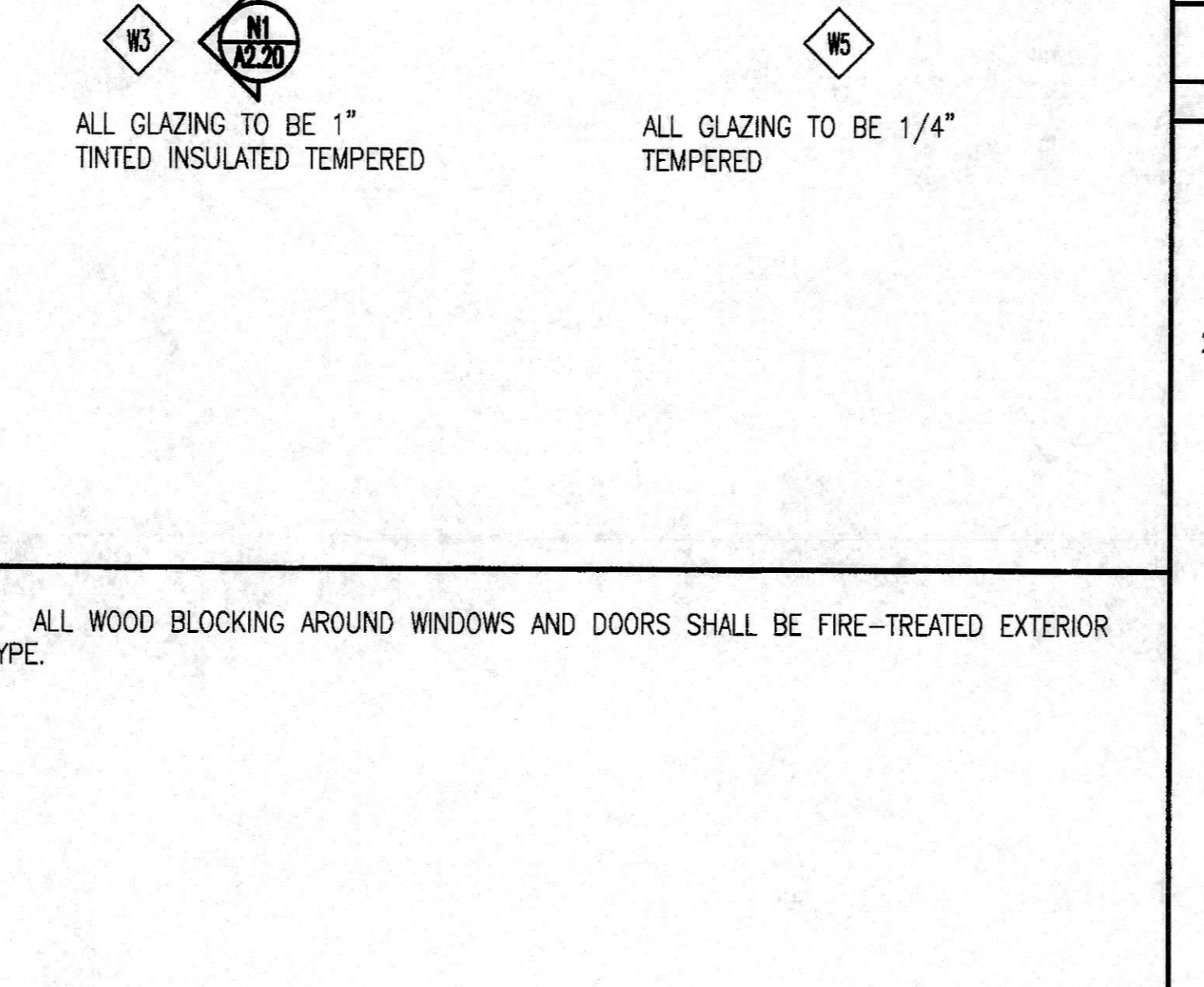
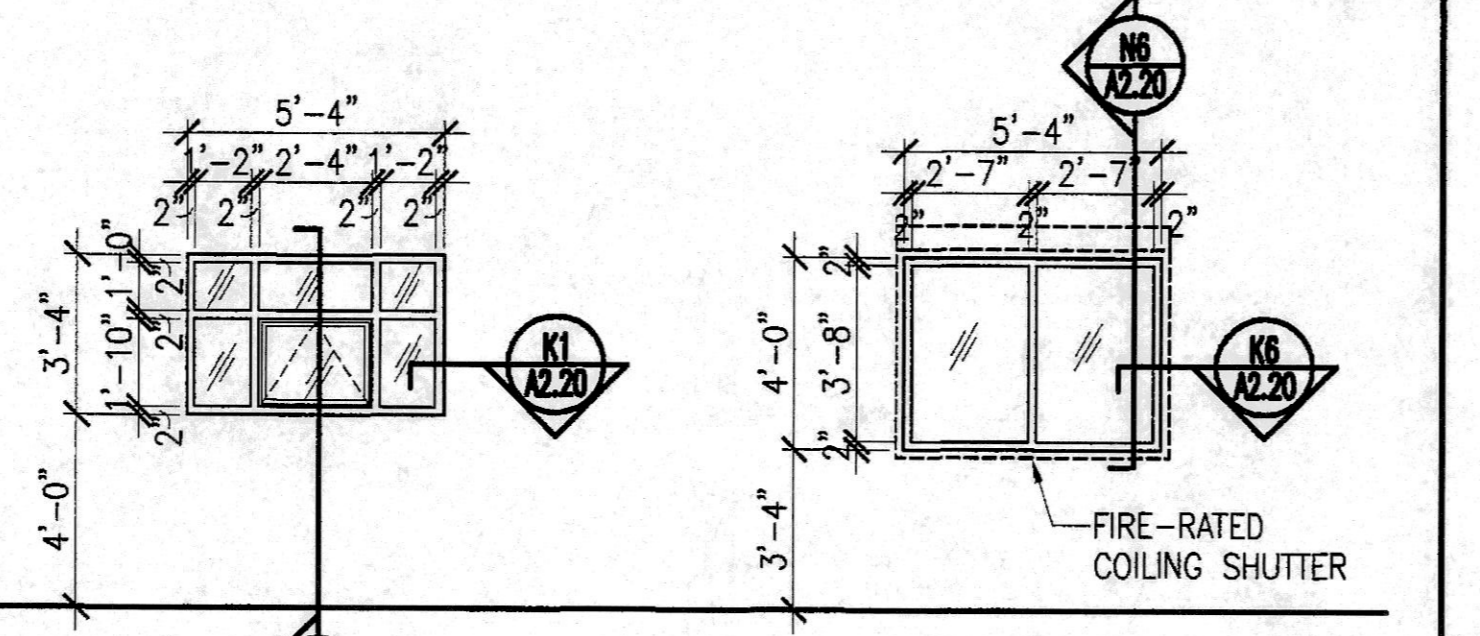
**G1 WINDOW HEAD AND SILL DETAIL**  
1 1/2" = 1'-0"



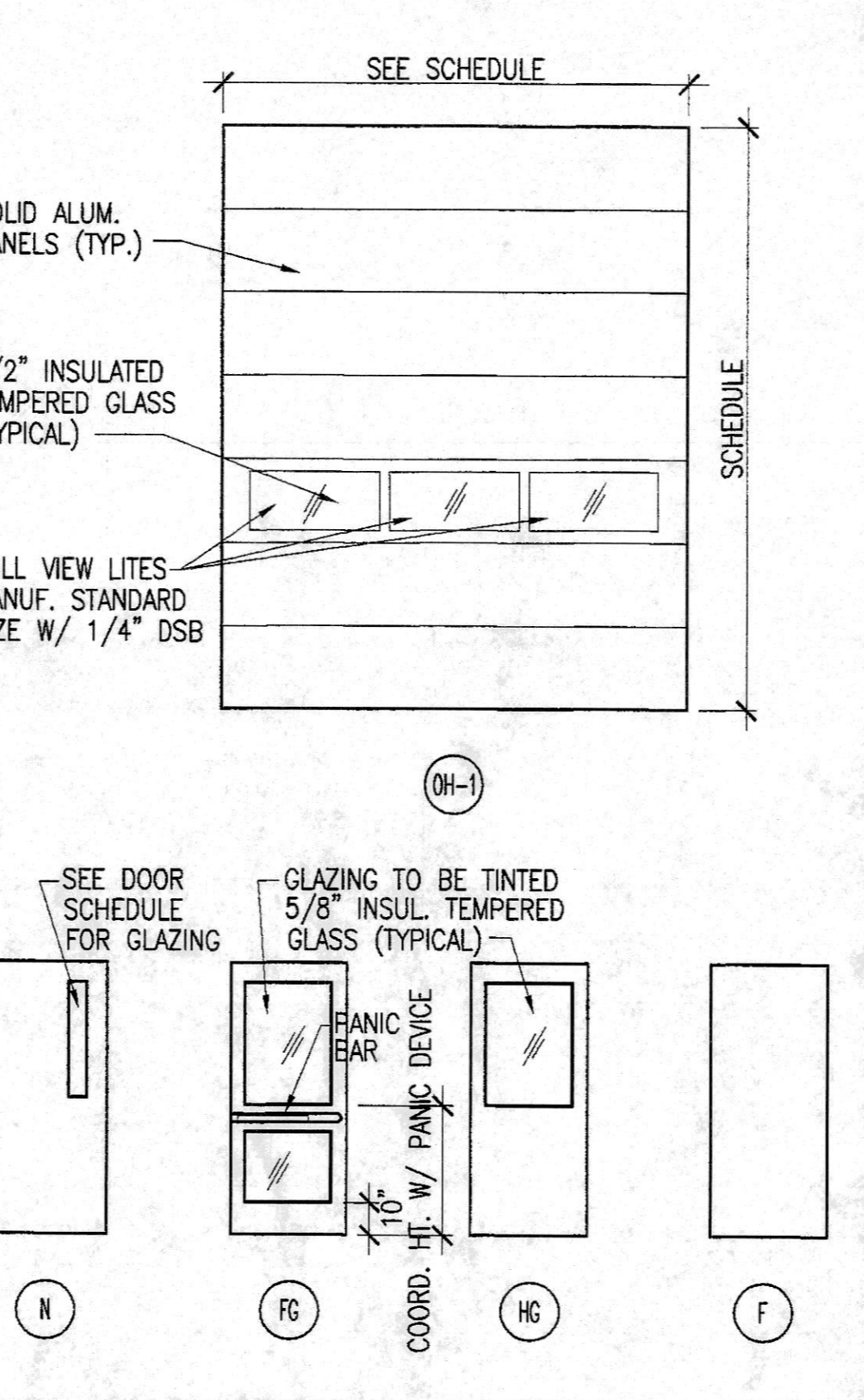
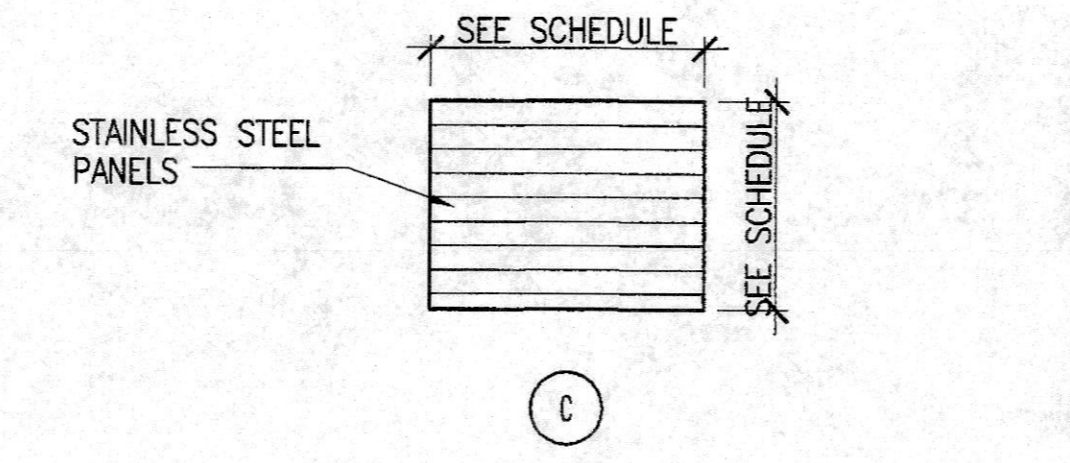
**G6 WINDOW JAMB DETAIL**  
1 1/2" = 1'-0"



**A1 WINDOW ELEVATIONS**  
1/4" = 1'-0"



**A6 DETAIL GENERAL NOTES**

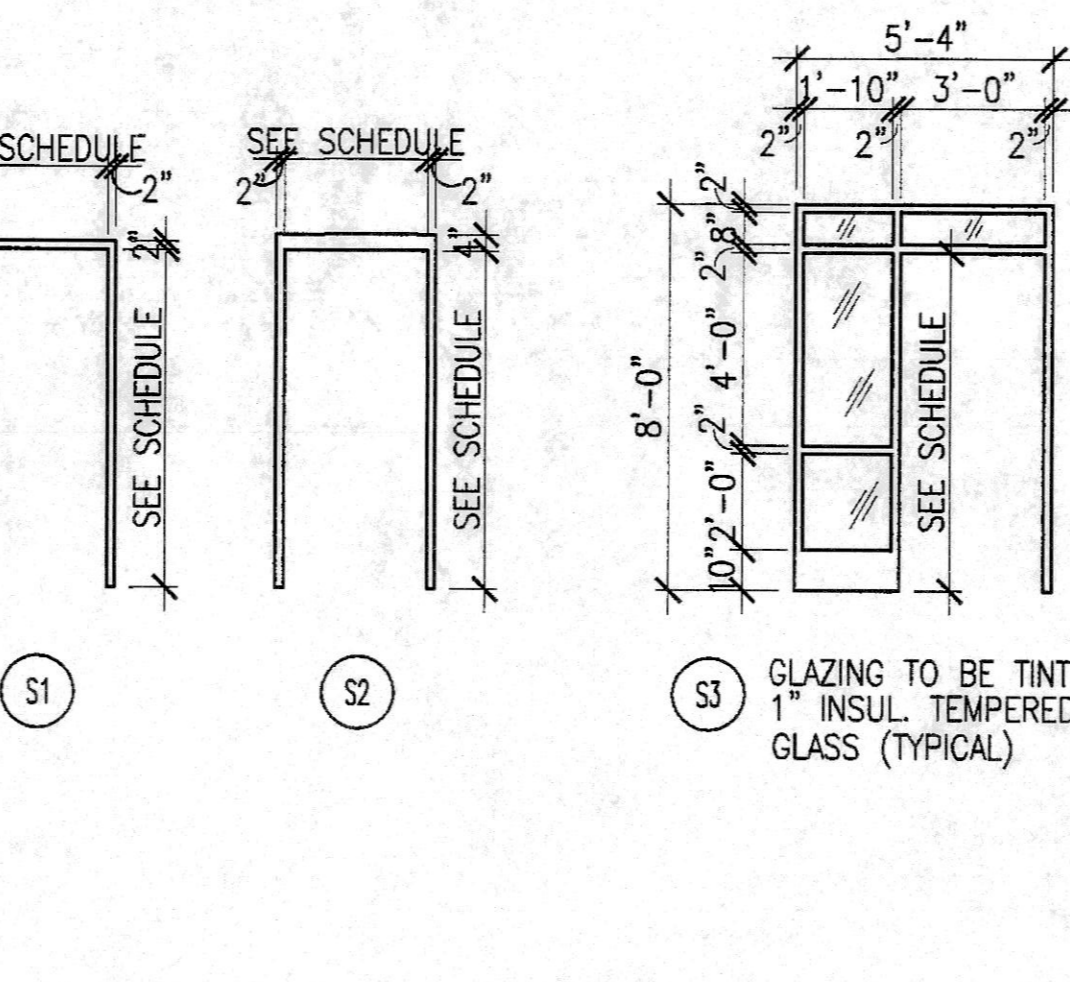


**D11 DOOR TYPE ELEV.**  
1/4" = 1'-0"

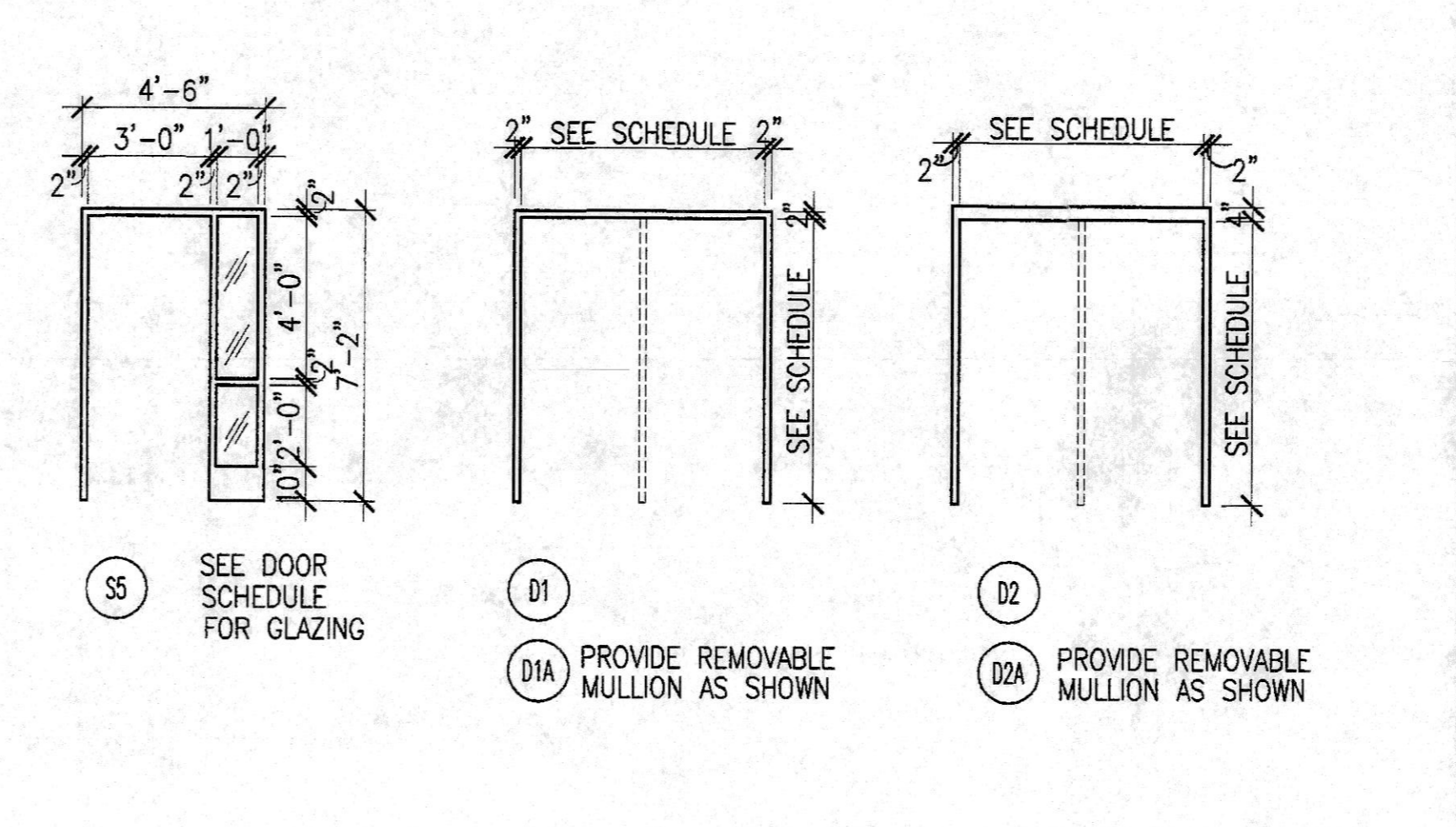
| DOOR & FRAME SCHEDULE |           |          |           |        |      |         |       |      |         |                 |             |         |      |        |      |                                                            |
|-----------------------|-----------|----------|-----------|--------|------|---------|-------|------|---------|-----------------|-------------|---------|------|--------|------|------------------------------------------------------------|
| DOOR NUMBER           | DOOR SIZE |          |           | FRAME  |      |         |       |      |         | FIRE RTG. LABEL | HRDWR SET # | REMARKS |      |        |      |                                                            |
|                       | WIDTH     | HEIGHT   | THICKNESS | MAT'L  | TYPE | GLASS   | MAT'L | TYPE | GLASS   |                 |             |         | HEAD | JAMB   | JAMB | SILL                                                       |
| A003-A                | (2) 3'-0" | 7'-0"    | x 1 3/4"  | HM     | F    | -       | HM    | D1A  | -       | E1              | A1          | A1      | -    | 45 MIN | 1    |                                                            |
| A004-A                | 3'-0"     | 7'-0"    | x 1 3/4"  | WSC    | F    | -       | HM    | S1   | -       | E1              | A1          | A1      | -    |        | 2    | UNDERCUT DOOR 3/4"                                         |
| A006-A                | 3'-0"     | 7'-0"    | x 1 3/4"  | WSC    | F    | -       | HM    | S1   | -       | E1              | A1          | A1      | -    | 45 MIN | 3    |                                                            |
| A007-A                | 4'-0"     | 6'-8"    | x 1 3/4"  | HM     | F    | -       | HM    | S2   | -       | N15             | J15         | J15     | -    |        | 4    | DOOR & FRAME TO BE GALVANIZED                              |
| A100-A                | 14'-0"    | x 14'-0" |           | ALUM   | OH-1 | IT      | -     | -    | -       | N20             | E20         | E20     | J20  |        | 5    | OVERHEAD DOOR SEE NOTE 3 BELOW                             |
| A100-B                | 14'-0"    | x 14'-0" |           | ALUM   | OH-1 | IT      | -     | -    | -       | N20             | E20         | E20     | J20  |        | 5    | OVERHEAD DOOR SEE NOTE 3 BELOW                             |
| A100-C                | 3'-0"     | 7'-0"    | x 1 3/4"  | HM     | N    | 5/8" IT | HM    | S2   | -       | E10             | A10         | A10     | -    |        | 24   | DOOR & FRAME TO BE GALVANIZED                              |
| A100-D                | 4'-4"     | x 5'-8"  |           | ST STL | C    | -       | -     | -    | -       | N6              | K6          | K6      | -    | 1.5 HR | -    |                                                            |
| A104-A                | 3'-0"     | 7'-0"    | x 1 3/4"  | WSC    | N    | 1/4" T  | HM    | S1   | -       | E1              | A1          | A1      | -    |        | 6    |                                                            |
| A104-B                | 3'-0"     | 7'-0"    | x 1 3/4"  | HM     | N    | FR      | HM    | S2   | -       | N1              | N5          | N5      | -    | 1.5 HR | 7    | DOOR & FRAME TO BE GALVANIZED                              |
| A105-A                | 3'-0"     | 7'-0"    | x 1 3/4"  | WSC    | N    | 1/4" T  | HM    | S1   | -       | E1              | A1          | A1      | -    |        | 6    |                                                            |
| A109-A                | 3'-0"     | 7'-0"    | x 1 3/4"  | ALUM   | FG   | 5/8" IT | ALUM  | S3   | 5/8" IT | N10             | J10         | J10     | -    |        | 9    |                                                            |
| A110-A                | 4'-10"    | x 8'-0"  |           | ALUM   | -    | -       | ALUM  | -    | -       | E5              | A5          | A5      | -    |        | 10   | OVERHEAD COILING GRILL - PROVIDE LOCK @ FLOOR - SEE NOTE 3 |
| A110-B                | 4'-10"    | x 8'-0"  |           | ALUM   | -    | -       | ALUM  | -    | -       | E5              | A5          | A5      | -    |        | 10   | OVERHEAD COILING GRILL - PROVIDE LOCK @ FLOOR - SEE NOTE 3 |
| A110-C                | 4'-10"    | x 8'-0"  |           | ALUM   | -    | -       | ALUM  | -    | -       | E5              | A5          | A5      | -    |        | 10   | OVERHEAD COILING GRILL - PROVIDE LOCK @ FLOOR - SEE NOTE 3 |
| A111-A                | 3'-0"     | 7'-0"    | x 1 3/4"  | WSC    | N    | 1/4" T  | HM    | S5   | 1/4" T  | E1              | A1          | A1      | -    |        | 11   |                                                            |
| A111-B                | 3'-0"     | 7'-0"    | x 1 3/4"  | HM     | HG   | 5/8" IT | HM    | S2   | -       | N15             | J15         | J15     | -    |        | 12   | DOOR & FRAME TO BE GALVANIZED                              |
| A114-A                | 3'-0"     | 7'-0"    | x 1 3/4"  | WSC    | N    | 1/4" T  | HM    | S1   | -       | E1              | A1          | A1      | -    |        | 13   |                                                            |
| A114-B                | 3'-0"     | 7'-0"    | x 1 3/4"  | WSC    | N    | 1/4" T  | HM    | S5   | 1/4" T  | E1              | A1          | A1      | -    |        | 11   |                                                            |
| A114-C                | 3'-0"     | 7'-0"    | x 1 3/4"  | WSC    | N    | 1/4" T  | HM    | S1   | -       | E1              | A1          | A1      | -    |        | 11   |                                                            |
| A117-A                | 3'-0"     | 7'-0"    | x 1 3/4"  | WSC    | F    | -       | HM    | S1   | -       | E1              | A1          | A1      | -    |        | 14   |                                                            |
| A119-A                | 3'-0"     | 7'-0"    | x 1 3/4"  | WSC    | F    | -       | HM    | S1   | -       | E1              | A1          | A1      | -    |        | 14   |                                                            |
| A120-A                | 3'-0"     | 7'-0"    | x 1 3/4"  | HM     | N    | FR      | HM    | S1   | -       | N1              | N5          | N5      | -    | 1.5 HR | 15   | DOOR & FRAME TO BE GALVANIZED                              |
| A121-A                | 3'-0"     | 7'-0"    | x 1 3/4"  | WSC    | N    | 1/4" T  | HM    | S5   | 1/4" T  | E1              | A1          | A1      | -    |        | 11   |                                                            |
| A123-A                | 3'-0"     | 7'-0"    | x 1 3/4"  | WSC    | F    | -       | HM    | S1   | -       | E1              | A1          | A1      | -    |        | 17   | UNDERCUT DOOR 3/4"                                         |
| A124-A                | 3'-0"     | 7'-0"    | x 1 3/4"  | WSC    | F    | -       | HM    | S1   | E1      | A1              | A1          | A1      | -    |        | 11   |                                                            |
| A125-A                | 3'-0"     | 7'-0"    | x 1 3/4"  | WSC    | F    | -       | HM    | S1   | -       | E1              | A1          | A1      | -    |        | 11   |                                                            |
| A126-A                | 3'-0"     | 7'-0"    | x 1 3/4"  | WSC    | F    | -       | HM    | S1   | -       | E1              | A1          | A1      | -    |        | 11   |                                                            |
| A127-A                | 3'-0"     | 7'-0"    | x 1 3/4"  | WSC    | F    | -       | HM    | S1   | -       | E1              | A1          | A1      | -    |        | 11   |                                                            |
| A128-A                | 3'-0"     | 7'-0"    | x 1 3/4"  | WSC    | F    | -       | HM    | S1   | -       | E1              | A1          | A1      | -    |        | 11   |                                                            |
| A129-A                | 3'-0"     | 7'-0"    | x 1 3/4"  | WSC    | F    | -       | HM    | S1   | -       | E1              | A1          | A1      | -    |        | 11   |                                                            |
| A130-A                | 3'-0"     | 7'-0"    | x 1 3/4"  | WSC    | N    | 1/4" W  | HM    | S1   | -       | E1              | A1          | A1      | -    | 80 MIN | 16   |                                                            |
| A131-A                | 3'-0"     | 7'-0"    | x 1 3/4"  | WSC    | F    | -       | HM    | S1   | -       | E1              | A1          | A1      | -    |        | 2    | UNDERCUT DOOR 3/4"                                         |
| A132-A                | 3'-0"     | 7'-0"    | x 1 3/4"  | WSC    | F    | -       | HM    | S1   | -       | E1              | A1          | A1      | -    |        | 2    | UNDERCUT DOOR 3/4"                                         |
| A133-A                | 3'-0"     | 7'-0"    | x 1 3/4"  | HM     | F    | -       | HM    | S2   | -       | J1              | J5          | J5      | -    | 1.5 HR | 18   | DOOR & FRAME TO BE GALVANIZED                              |
| A135-A                | 3'-0"     | 7'-0"    | x 1 3/4"  | WSC    | N    | FR      | HM    | S5   | 1/4" W  | E1              | A1          | A1      | -    | 1.5 HR | 19   |                                                            |
| A137-A                | 3'-0"     | 7'-0"    | x 1 3/4"  | HM     | N    | 1/4" T  | HM    | S1   | -       | J1              | J5          | J5      | -    |        | 20   |                                                            |
| A200-A                | 3'-0"     | 6'-6"    | x 1 3/4"  | HM     | F    | -       | HM    | S1   | -       | E15             | A15         | A15     | -    |        | 4    | DOOR & FRAME TO BE GALVANIZED                              |
| S001-A                | 3'-0"     | 7'-0"    | x 1 3/4"  | HM     | N    | 1/4" W  | HM    | S1   | -       | E1              | A1          | A1      | -    | 80 MIN | 21   |                                                            |
| S001-B                | 3'-0"     | 7'-0"    | x 1 3/4"  | ALUM   | N    | IT      | ALUM  | S1   | -       | N10             | J10         | J10     | -    |        | 22   |                                                            |
| S101-A                | 3'-0"     | 7'-0"    | x 1 3/4"  | HM     | N    | 1/4" W  | HM    | S1   | -       | E1              | A1          | A1      | -    | 80 MIN | 23   |                                                            |
| S102-A                | 3'-0"     | 7'-0"    | x 1 3/4"  | HM     | N    | 5/8" IT | HM    | S2   | -       | E10             | A10         | A10     | -    |        | 24   | DOOR & FRAME TO BE GALVANIZED                              |

NOTES:  
 1. SEE SHEET A2.30 FOR DOOR DETAILS.  
 2. SEE SHEET A2.30 FOR DOOR SILL / THRESHOLD DETAILS.  
 3. DOOR SIZE LISTED IS THE DIMENSION OF THE DOOR OPENING. CONTRACTOR TO VERIFY ACTUAL DOOR SIZE REQUIRED.  
 4. ALL DOOR HARDWARE TO BE "BEST" - OWNER PROVIDED CONTRACTOR INSTALLED.

**OWNER PROVIDED RECORD DRAWINGS. ONLY PROVIDED AS REFERENCE ONLY TO AID IN THE BIDDING PROCESS.**



**A11 DOOR FRAME ELEVATIONS**  
1/4" = 1'-0"



**A15 DOOR SCHEDULE**

| ABBREVIATIONS |            |    |                       |        |                 |
|---------------|------------|----|-----------------------|--------|-----------------|
| ALUM          | ALUMINUM   | HM | HOLLOW METAL          | ST STL | STAINLESS STEEL |
| F             | FLUSH      | IT | INSUL TEMPERED TINTED | STL    | STEEL           |
| FG            | FULL GLASS | N  | NARROW LIGHT          | T      | TEMPERED        |
| FR            | FIRE-RATED | OH | OVERHEAD              | W      | WIRE            |
| HG            | HALF GLASS | PT | PAINT                 | WSC    | WOOD SOLID CORE |

- SIZES SHOWN ARE NOMINAL DIMENSIONS CONTRACTOR MUST VERIFY ACTUAL SIZES.
- ALL DOORS TO BE MOUNTED FLUSH TO FRAMES.
- COORDINATE BOTTOM / UNDERCUT OF DOORS WITH FINISH MATERIALS, THRESHOLDS, ECT.
- PROVIDE ADEQUATE BLOCKING @ ALL JAMBS OF OPERABLE PARTITIONS. COORDINATE REQ'D BLKG WITH PARTITION MANUFACTURE.
- SEE DETAILS A2.30 FOR THRESHOLD TYPES

**A21 DOOR SCHED. NOTES**

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APPROVED

ISSUANCE NO. DATE DESCRIPTION

ALCONQUIN MT. VERNON OAK BROOK O'FALLON PEORIA ARCHITECTS ENGINEERS INC. ILLINOIS

**FCM** ARCHITECTS ENGINEERS INC.

DATE: 06-22-06  
 DRAWN: RW/AMM  
 CHECKED: TEK  
 APPROVED: JH  
 Professional Design Firm # 184-000350

STATE OF MISSOURI ARCHITECTS REGISTERED ARCHITECT

NEW FIRE STATION, ENGINE HOUSE 1, FOR THE COMMUNITY FIRE PROTECTION DISTRICT  
 OWNER - COMMUNITY F.P.D. 9411 MARLOWE ST. LOUIS, MISSOURI 63144  
 PROJECT LOCATION: CHARLES ROCK ROAD 8647 ST. JOHN, MO 63144

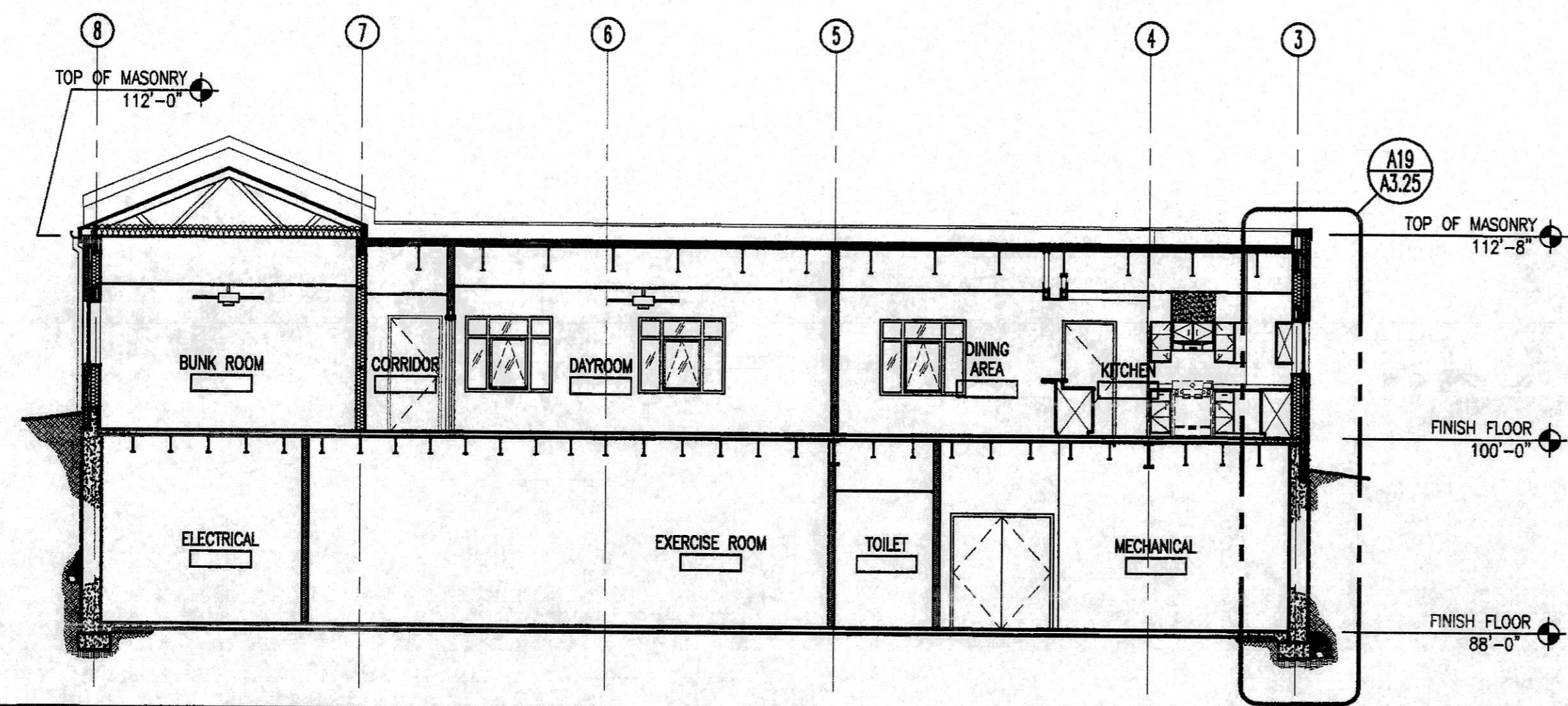
DOOR SCHEDULE AND DETAILS

JOB NO 05-076.01

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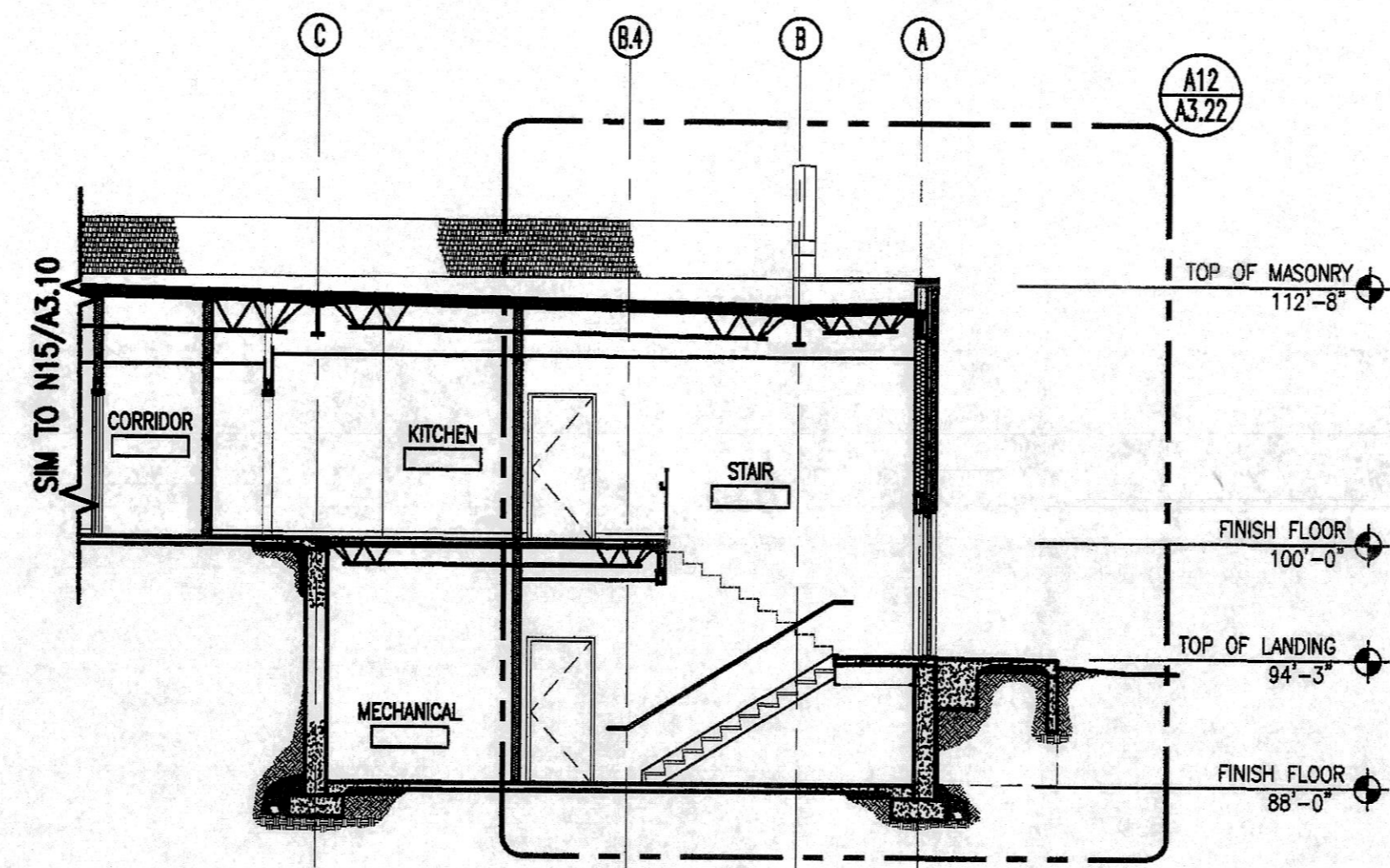
OF

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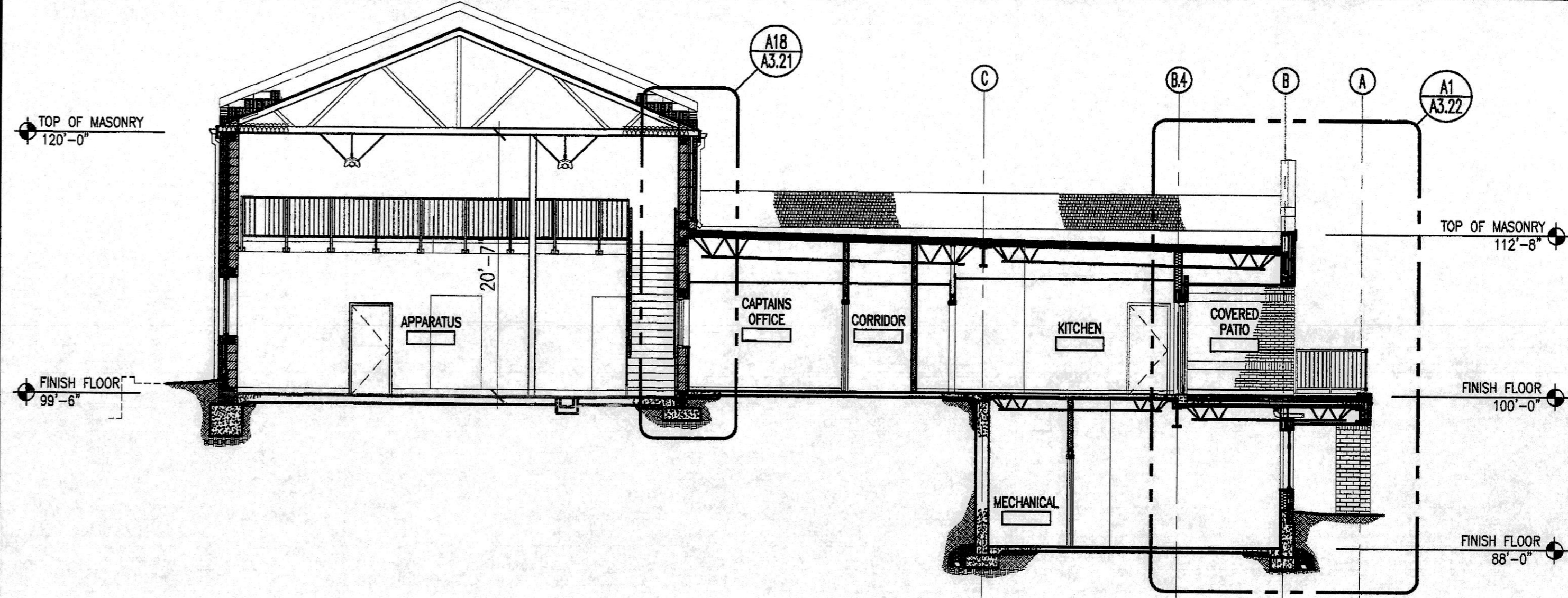
**N1 BUILDING SECTION**

1/8" = 1'-0"



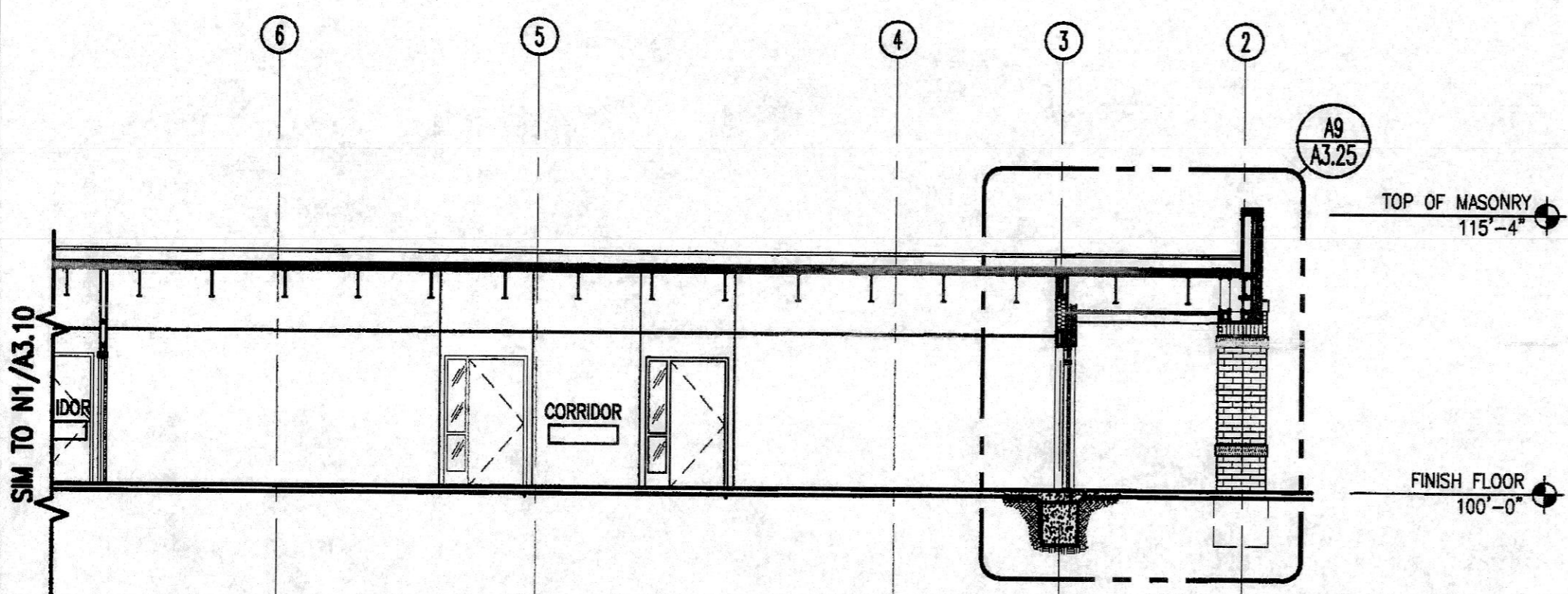
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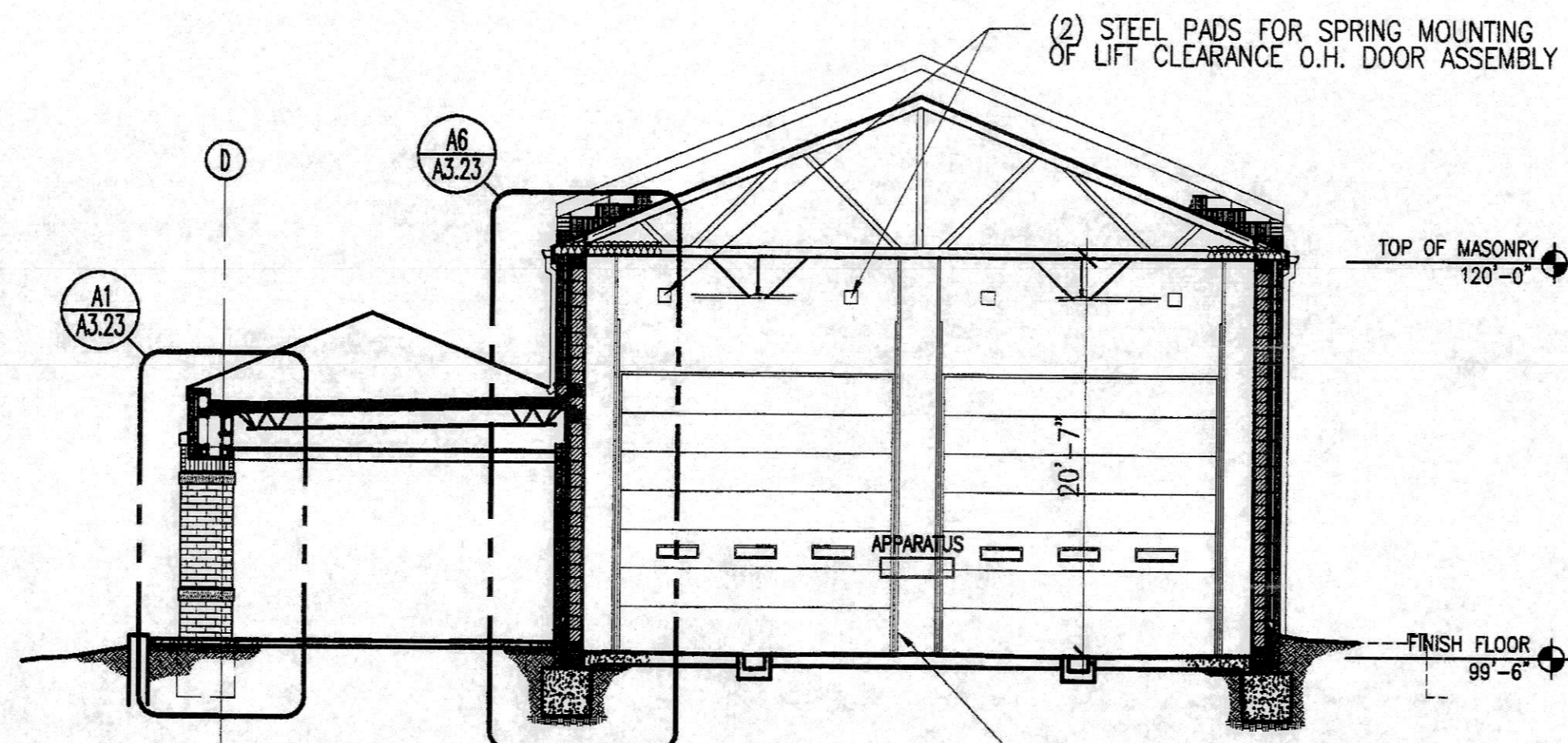
**N15 BUILDING SECTION**

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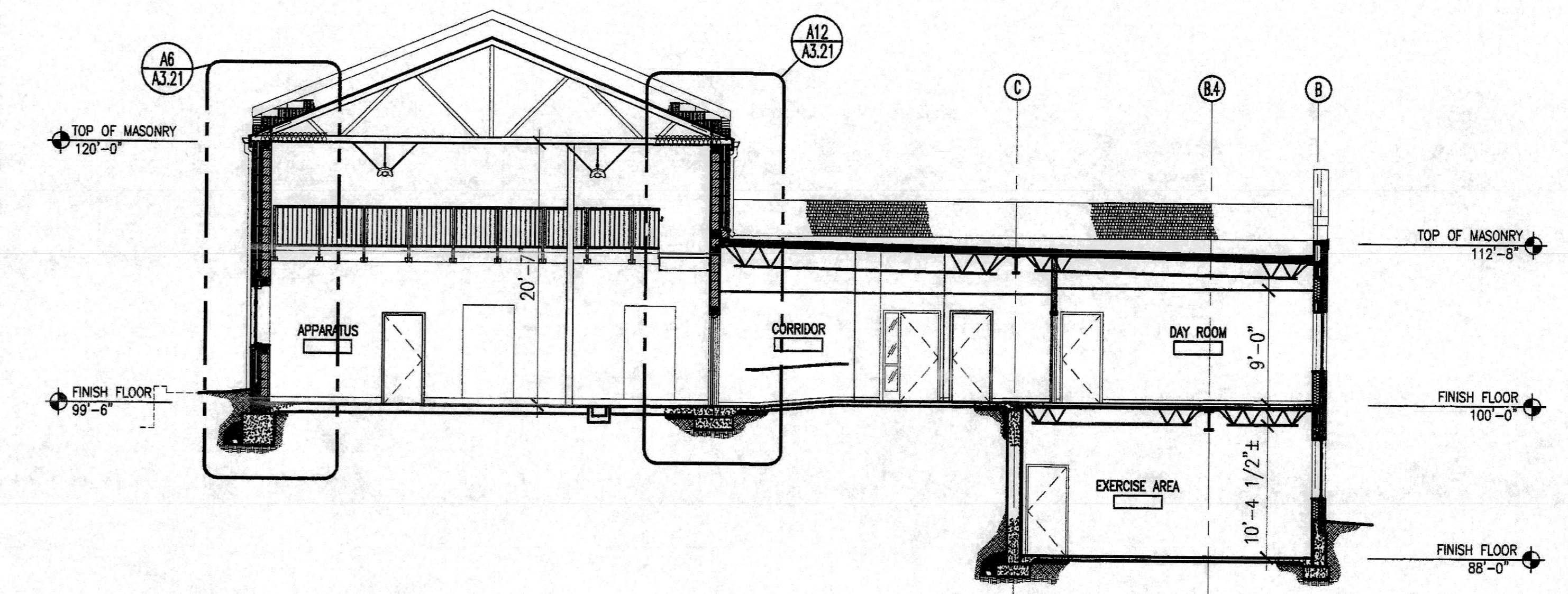
**J1 BUILDING SECTION**

1/8" = 1'-0"



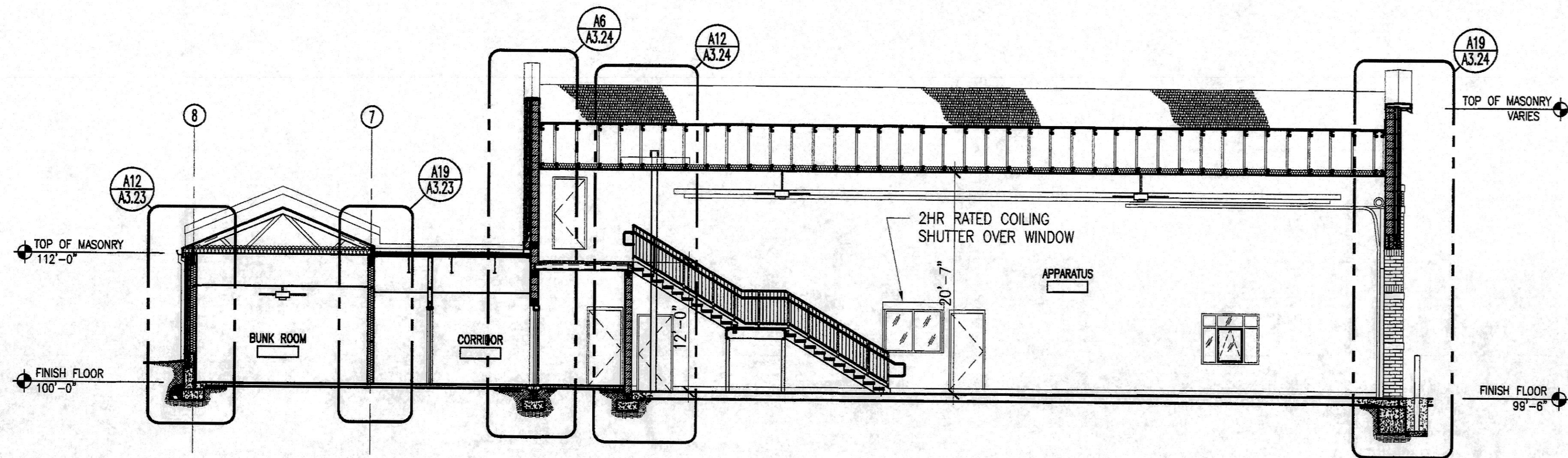
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1/8" = 1'-0"



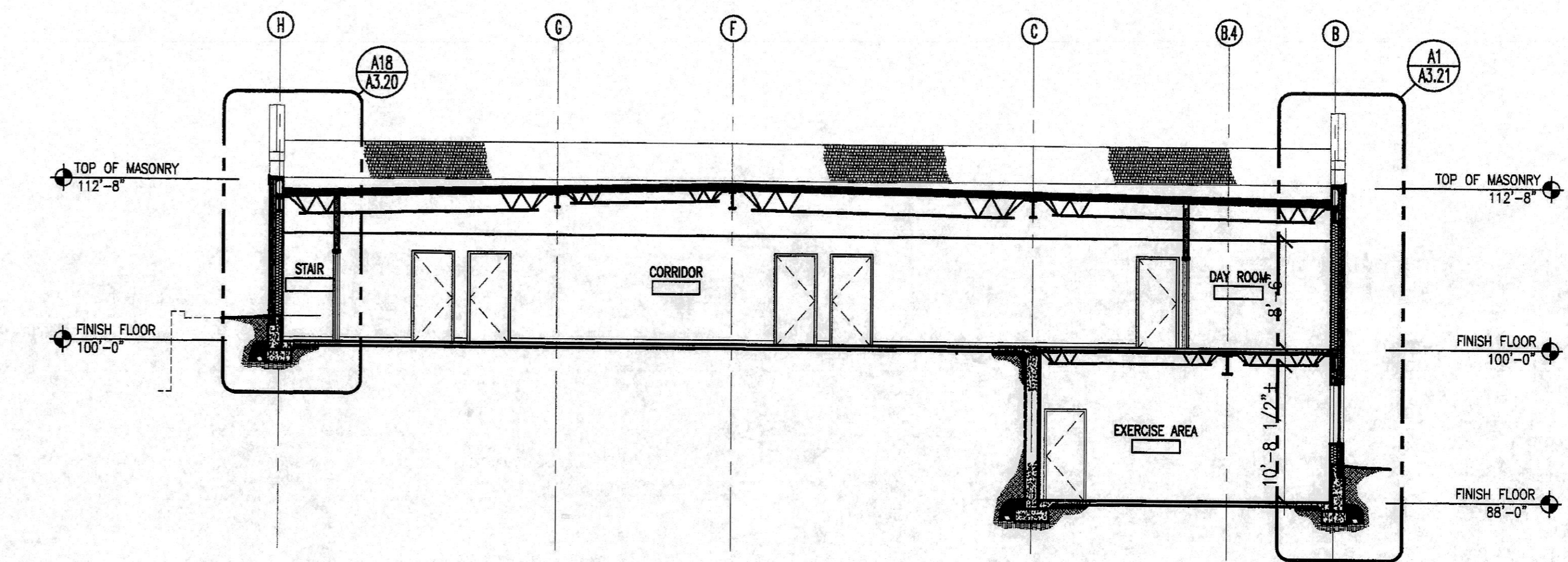
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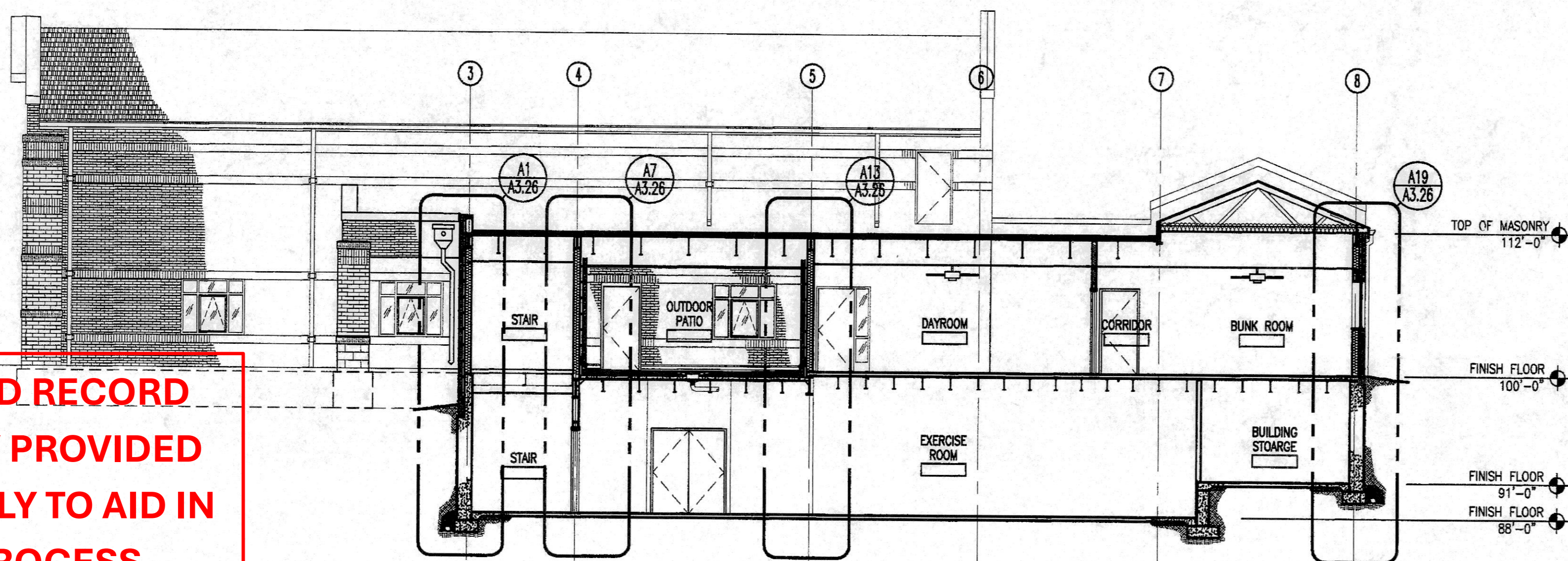
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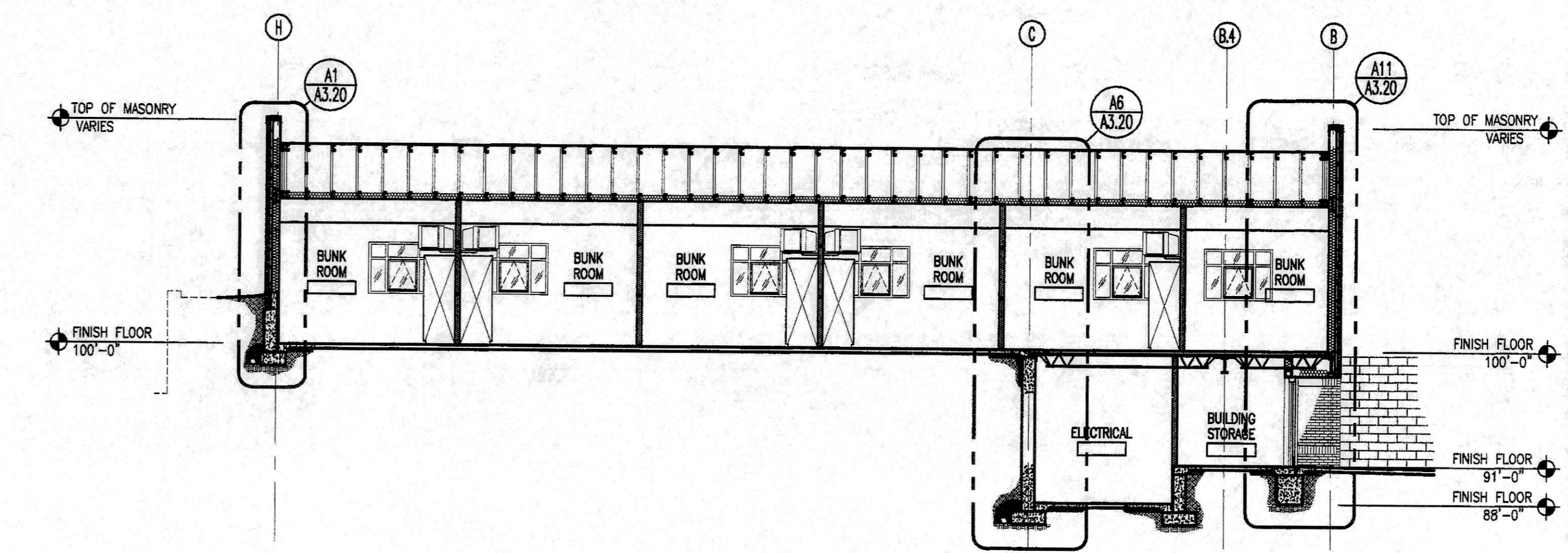
**E15 BUILDING SECTION**

1/8" = 1'-0"



**A1 BUILDING SECTION**

1/8" = 1'-0"



**A15 BUILDING SECTION**

1/8" = 1'-0"

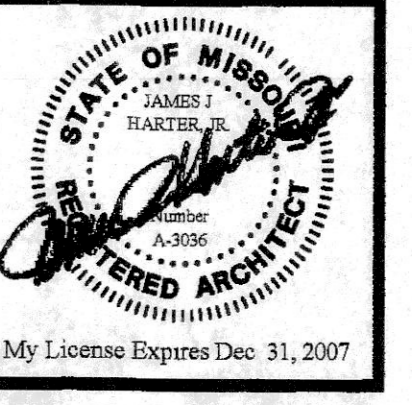
**OWNER PROVIDED RECORD DRAWINGS. ONLY PROVIDED AS REFERENCE ONLY TO AID IN THE BIDDING PROCESS.**

| ISSUANCE NO. | DATE | DESCRIPTION |
|--------------|------|-------------|
|              |      |             |
|              |      |             |
|              |      |             |

ALCONQUIN  
MT. VERNON  
OAK BROOK  
OF ALLON  
OF PEORIA  
ILLINOIS

**FCGM**  
ARCHITECTS ENGINEERS INC.

DATE: 06-22-06  
DRAWN: RWM/ATG/AMM  
CHECKED: JKH  
APPROVED: JHH  
Professional Design Firm  
# 184-000350



**NEW FIRE STATION, ENGINE HOUSE 1, FOR THE COMMUNITY FIRE PROTECTION DISTRICT**  
OWNER - COMMUNITY F.P.D.  
9411 MARLOWE F.P.D.  
ST. LOUIS, MISSOURI 63114

PROJECT LOCATION:  
ST. CHARLES ROCK ROAD  
ST. JOHN, MO 63144

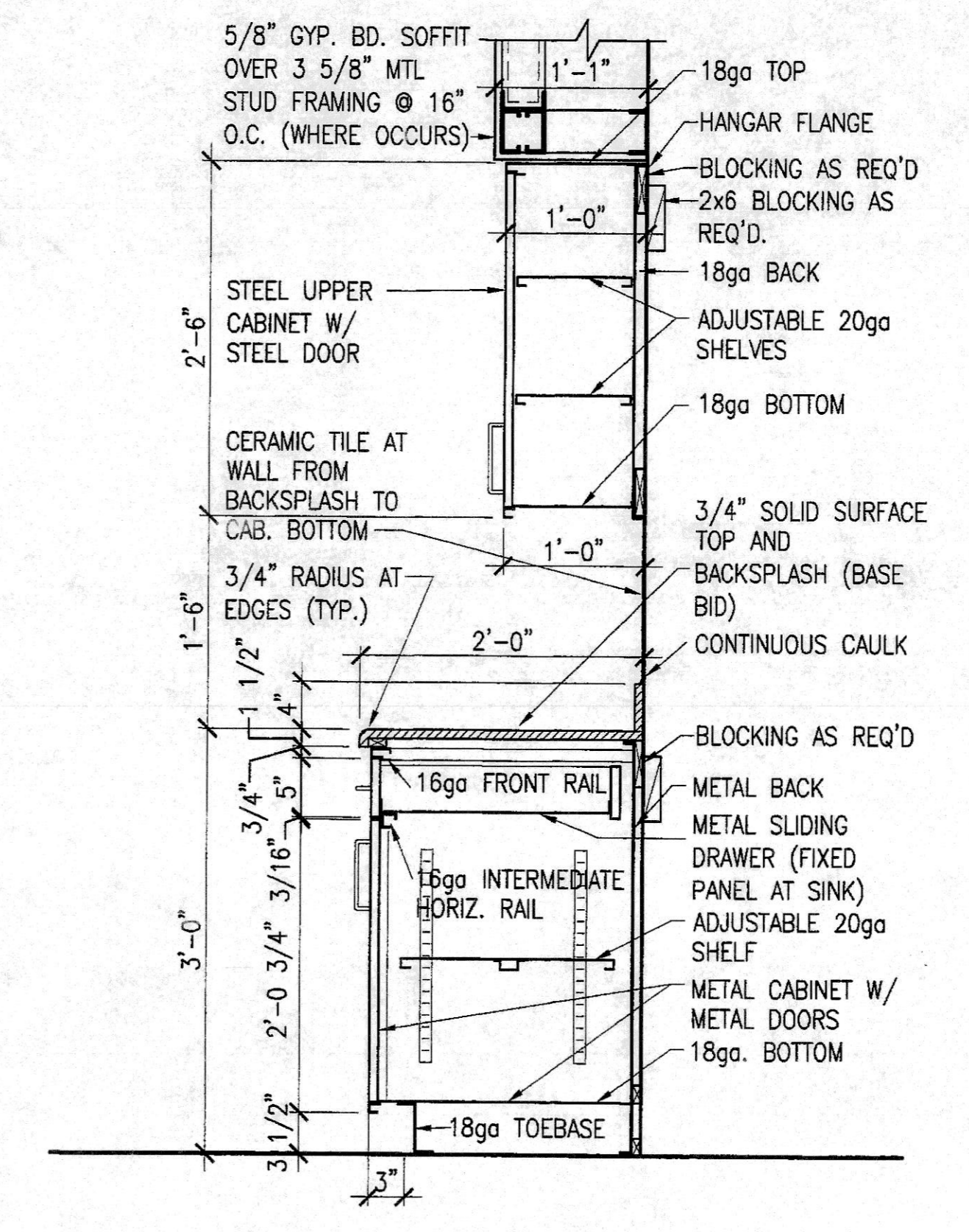
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OF

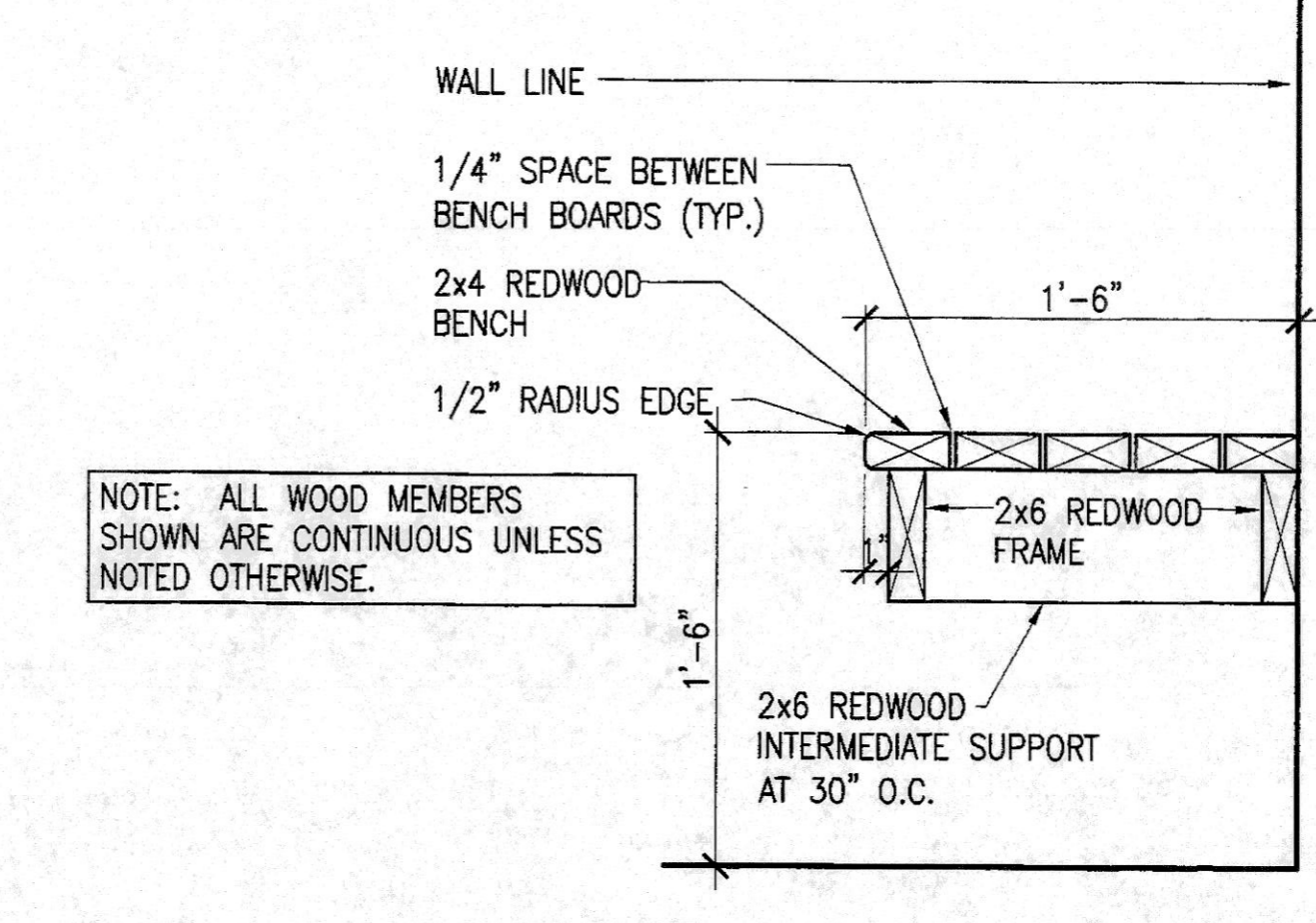
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1. ALL INTERIOR WOOD BLOCKING FOR CASEWORK AND BATH ACCESSORIES SHALL BE FIRE TREATED.

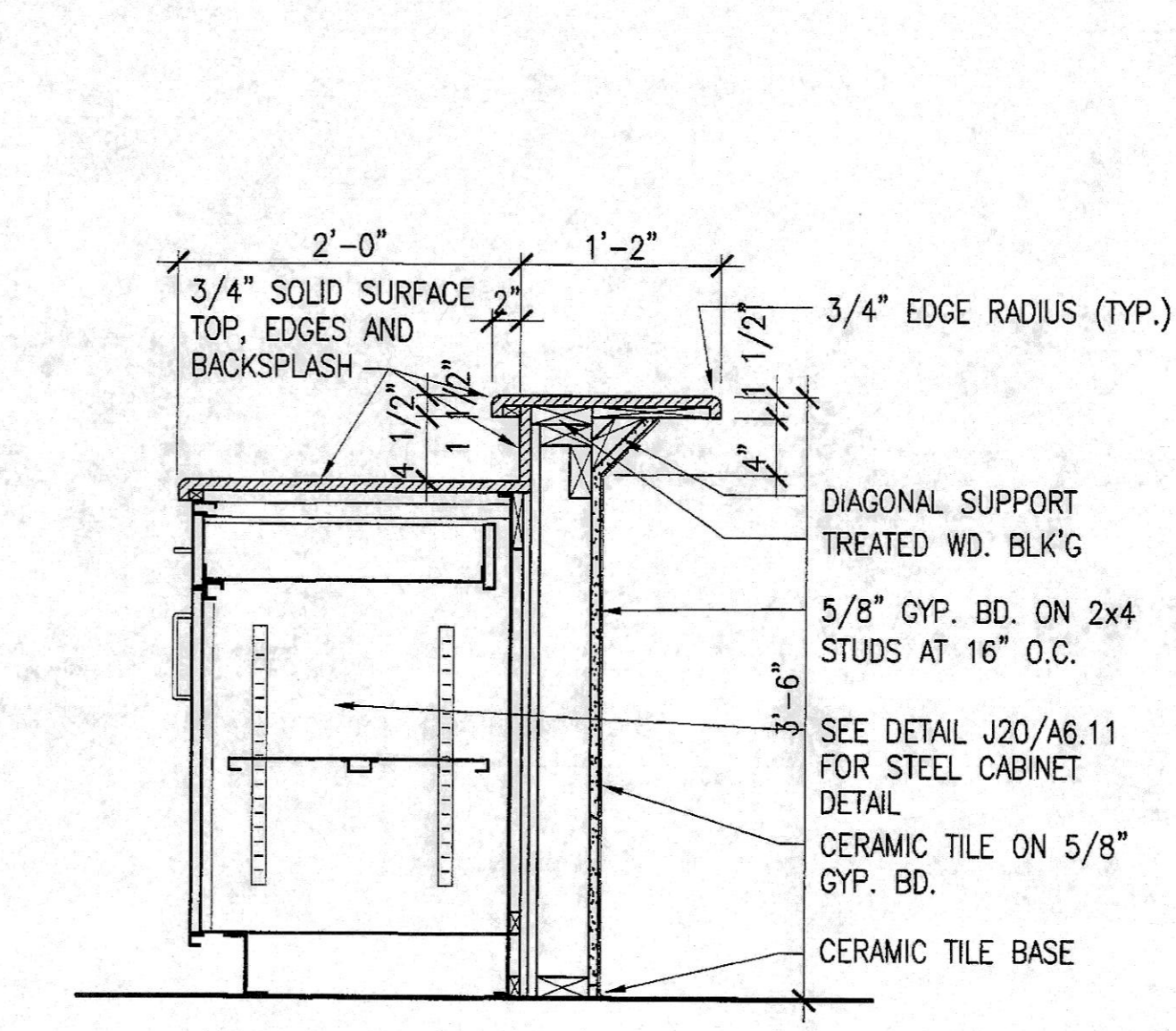
**P20 GENERAL NOTES**



**J20 CASEWORK SECTION**  
1" = 1'-0"

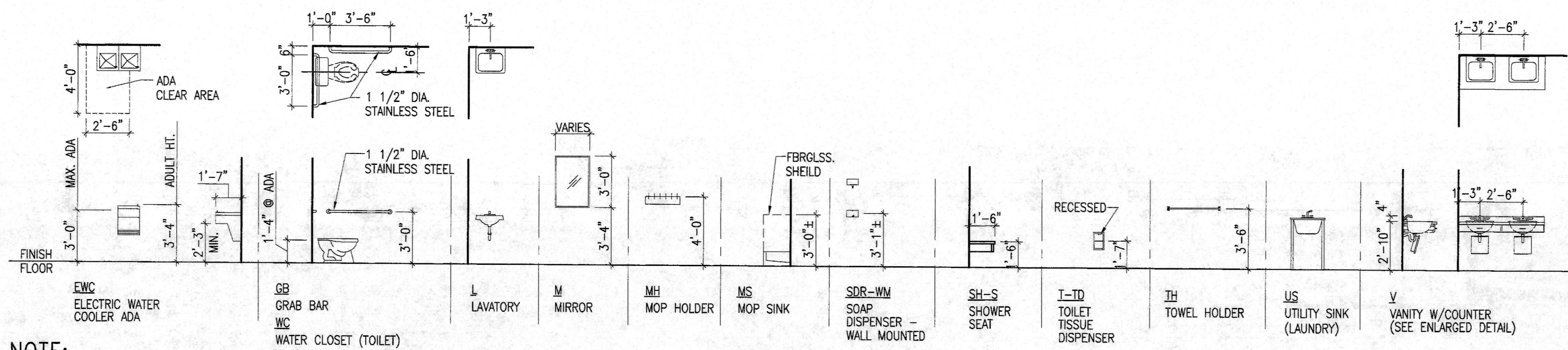


**E20 BENCH DETAIL @ TOILET ROOM**  
1 1/2" = 1'-0"



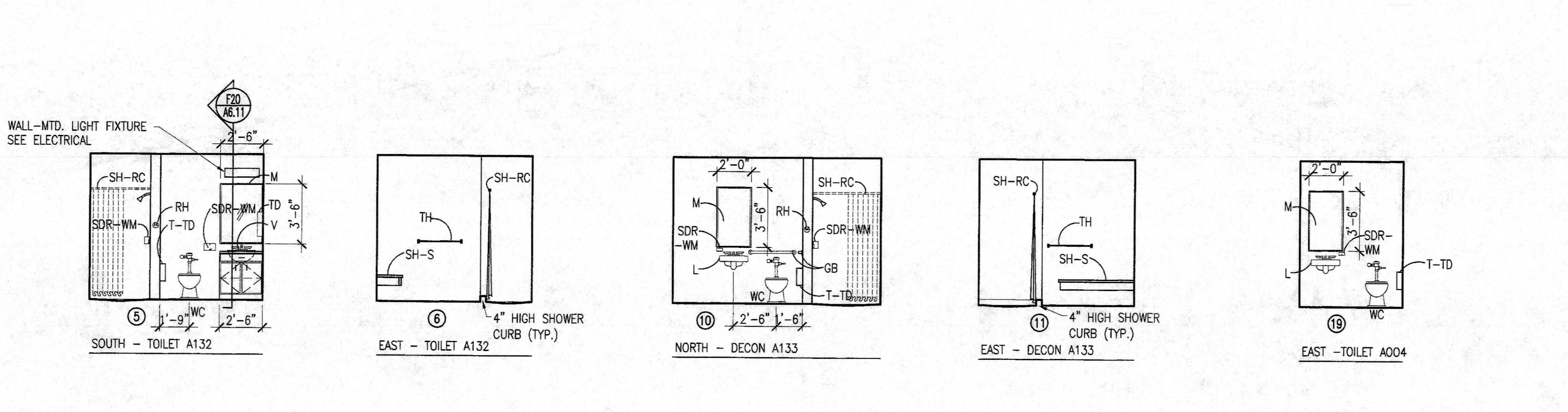
**A20 CASEWORK SECTION**  
1" = 1'-0"

**OWNER PROVIDED RECORD DRAWINGS. ONLY PROVIDED AS REFERENCE ONLY TO AID IN THE BIDDING PROCESS.**

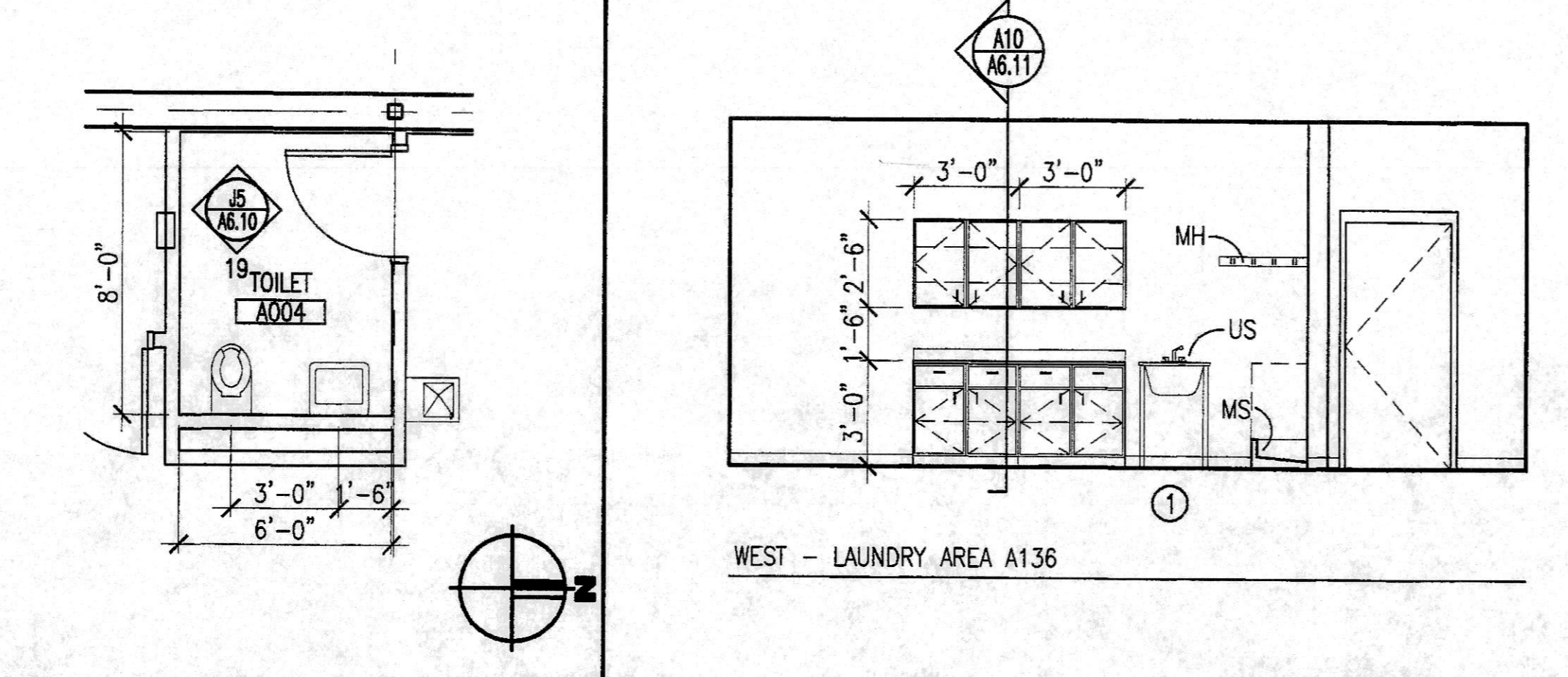


**NOTE:**  
WRAP ALL EXPOSED PIPING WITH PROTECTIVE INSULATION FOR PROTECTION FOR ADA.

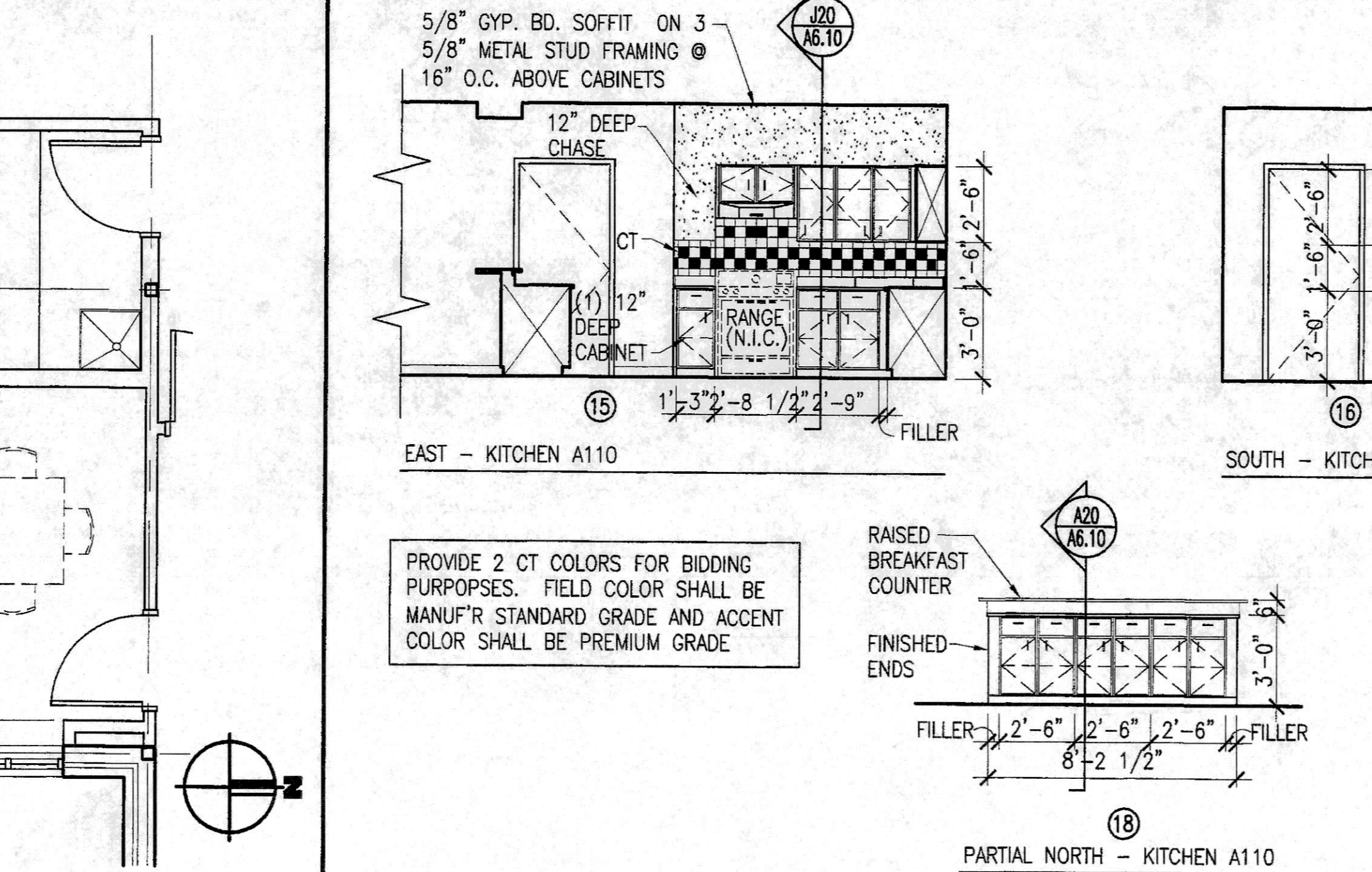
**N5 FIXTURE ELEVATIONS**  
1/4" = 1'-0"



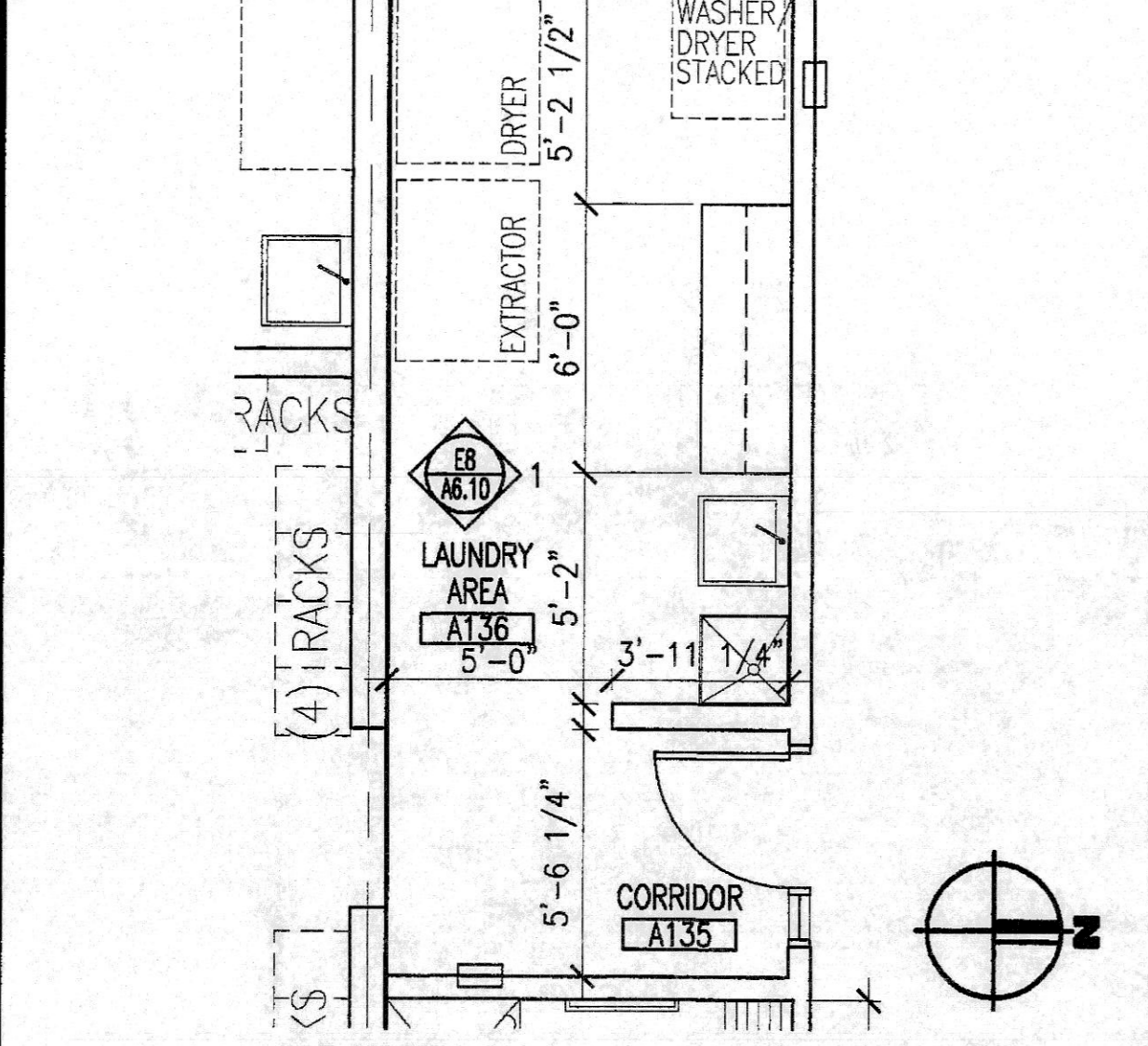
**J5 TOILET ROOM ELEVATIONS**  
1/4" = 1'-0"



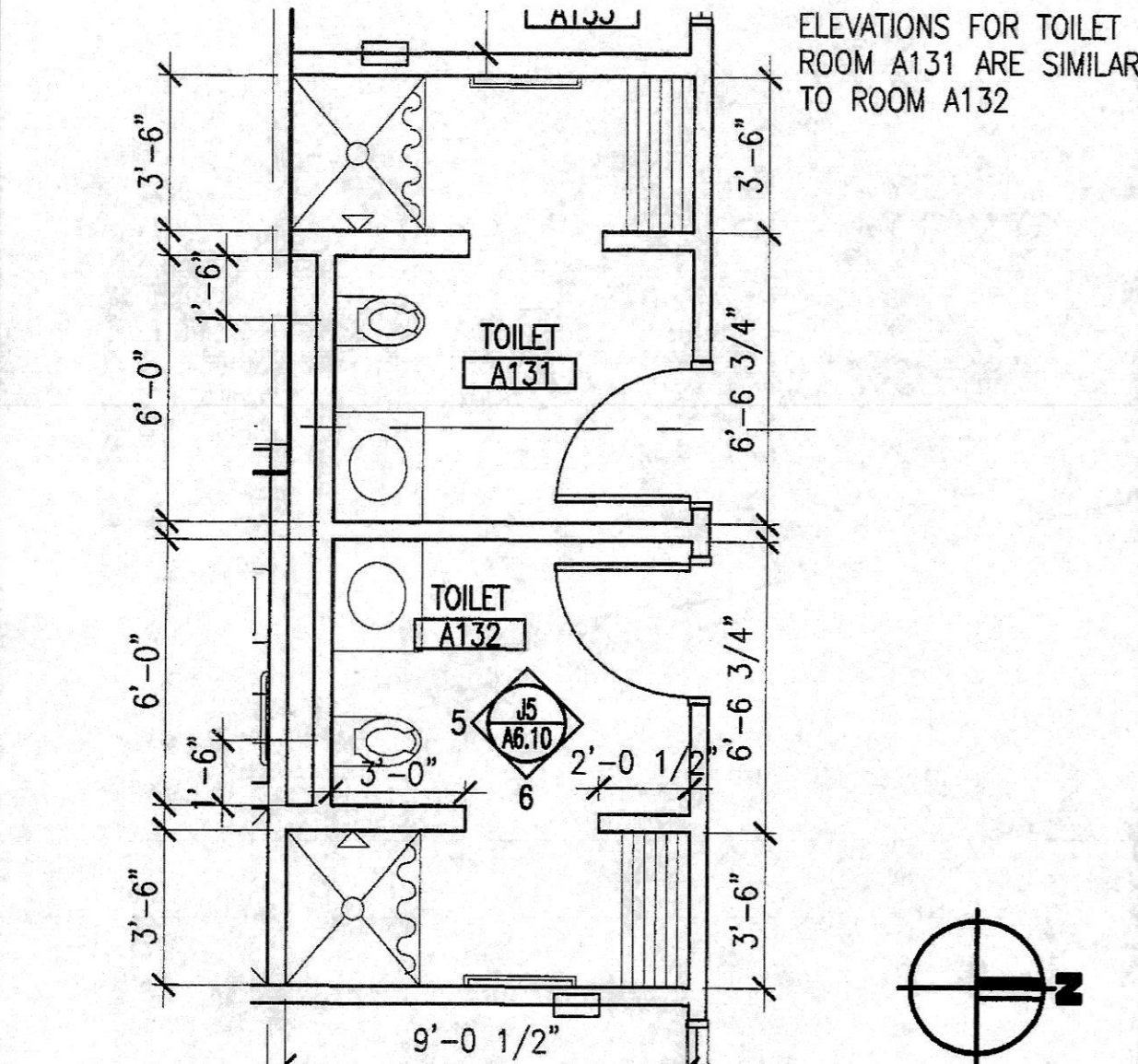
**E5 PLAN @ TOILET** 1/4" = 1'-0"  
**E8 LAUNDRY AREA ELEVATION** 1/4" = 1'-0"



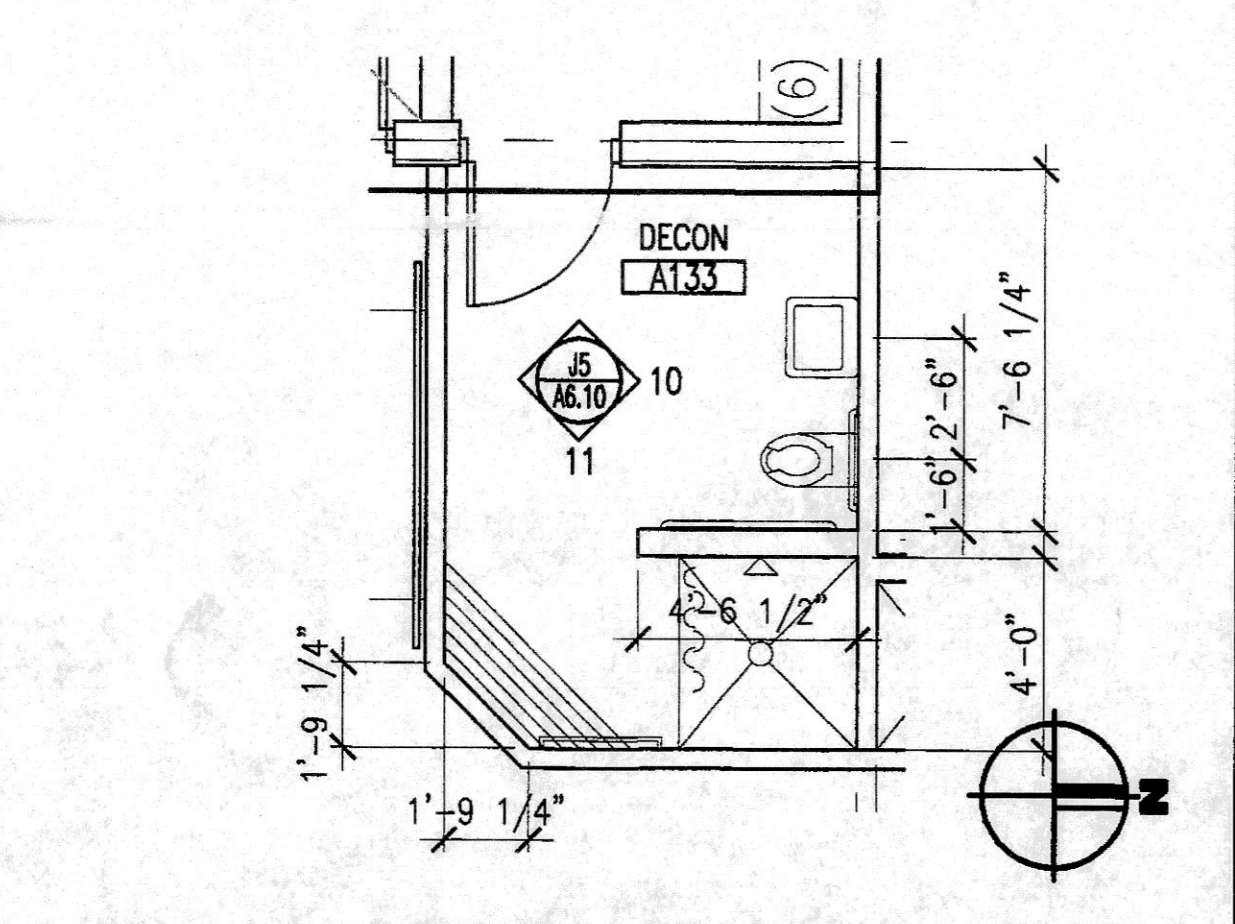
**A7 KITCHEN ELEVATIONS**  
1/4" = 1'-0"



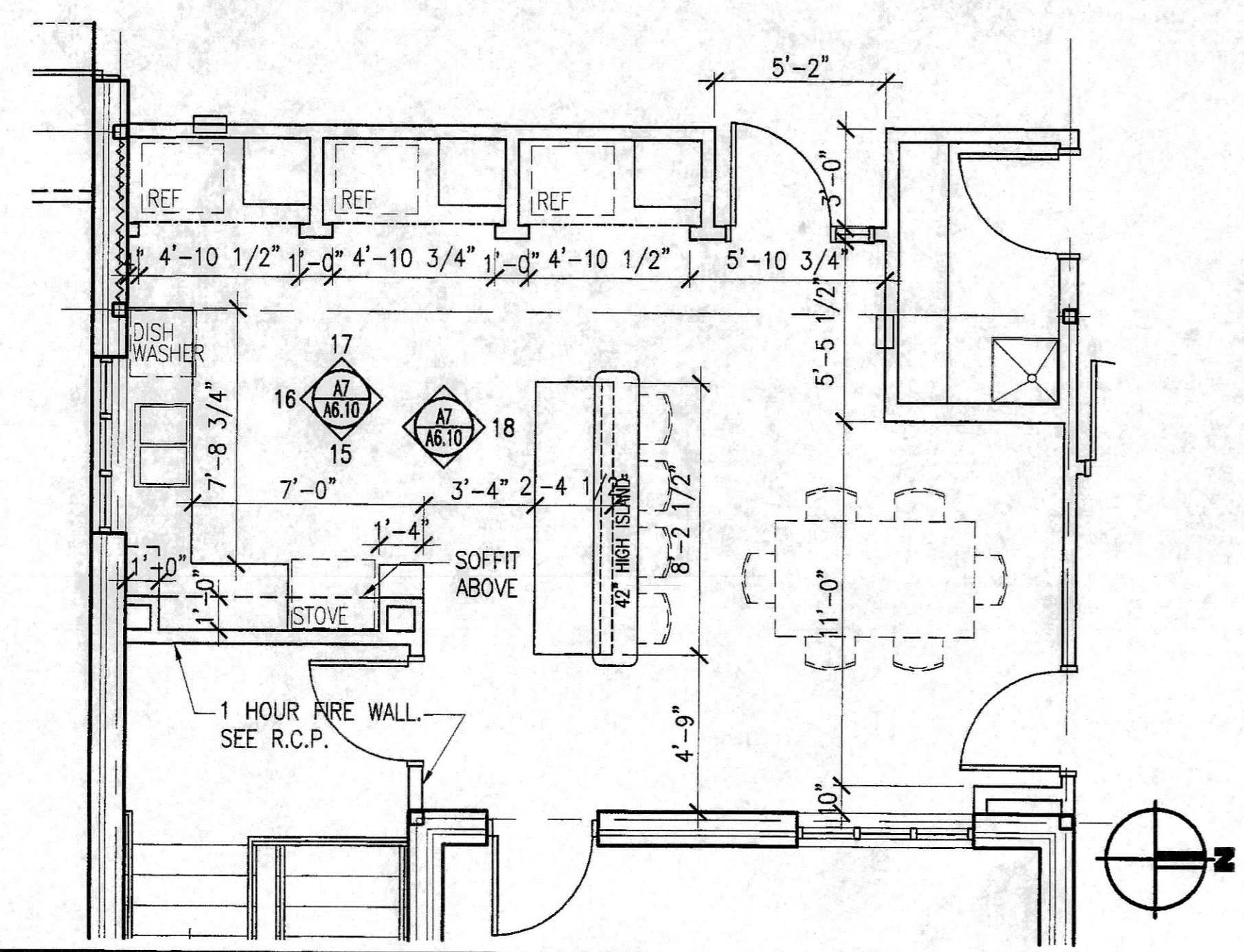
**N1 PLAN AT LAUNDRY AREA**  
1/4" = 1'-0"



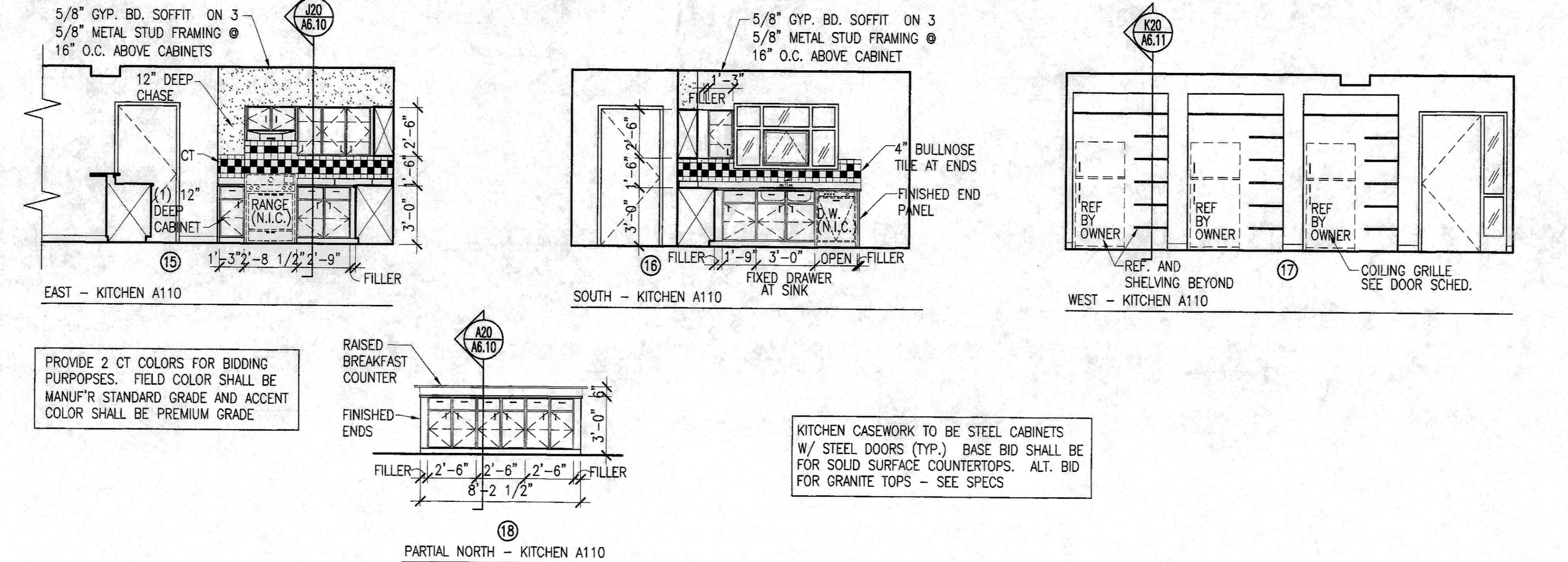
**J1 PLAN AT TOILET ROOM**  
1/4" = 1'-0"



**E1 PLAN AT DECON**  
1/4" = 1'-0"



**A1 PLAN AT KITCHEN**  
1/4" = 1'-0"



**A7 KITCHEN ELEVATIONS**  
1/4" = 1'-0"

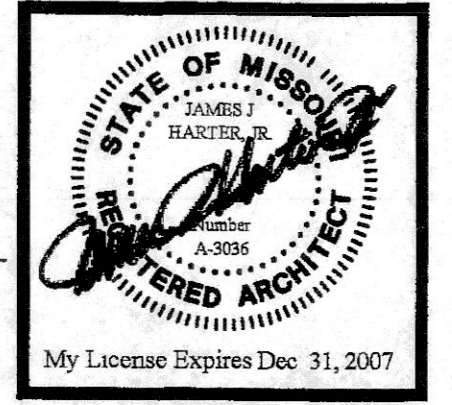
| ISSUANCE NO. | DATE | DESCRIPTION |
|--------------|------|-------------|
| APPROVED     |      |             |

ALCONQUIN  
MT. VERNON  
OAK BROOK  
OFALLON  
PEORIA

**FCGM**  
ARCHITECTS ENGINEERS INC. • ILLINOIS

|                     |          |
|---------------------|----------|
| DATE                | 06-22-06 |
| DRAWN (R/W/A/C/A/M) | TEK      |
| CHECKED             | JJH      |
| APPROVED            | JJH      |

Professional Design Firm  
#184-000350



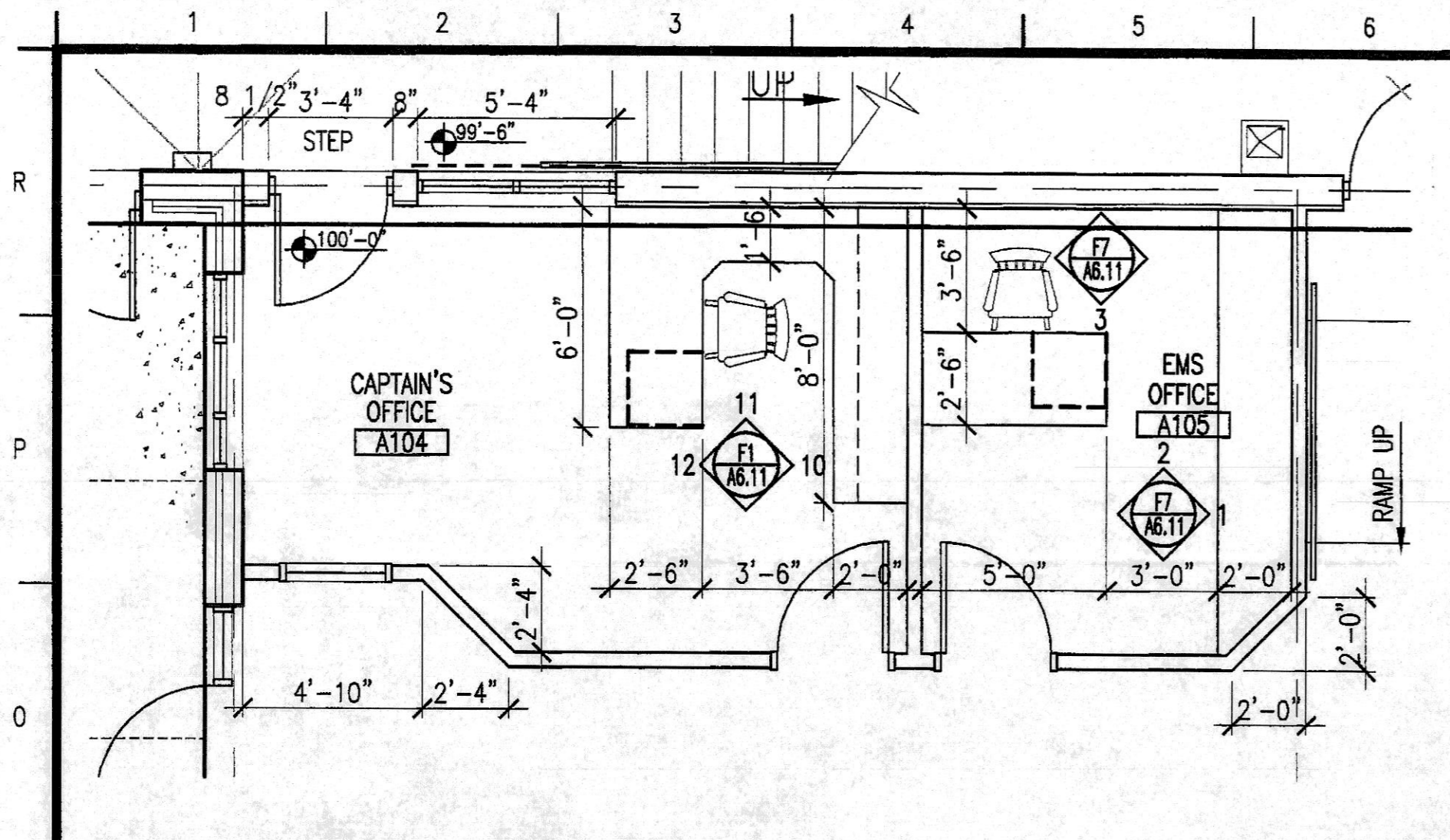
**NEW FIRE STATION, ENGINE HOUSE 1, FOR THE COMMUNITY FIRE PROTECTION DISTRICT**  
OWNER - COMMUNITY F.P.D.  
9411 MARLOWE  
ST. LOUIS, MISSOURI 63114

ENLARGED PLANS AND INTERIOR ELEVATIONS, FIXTURE ELEVATIONS

JOB NO 05-076.01

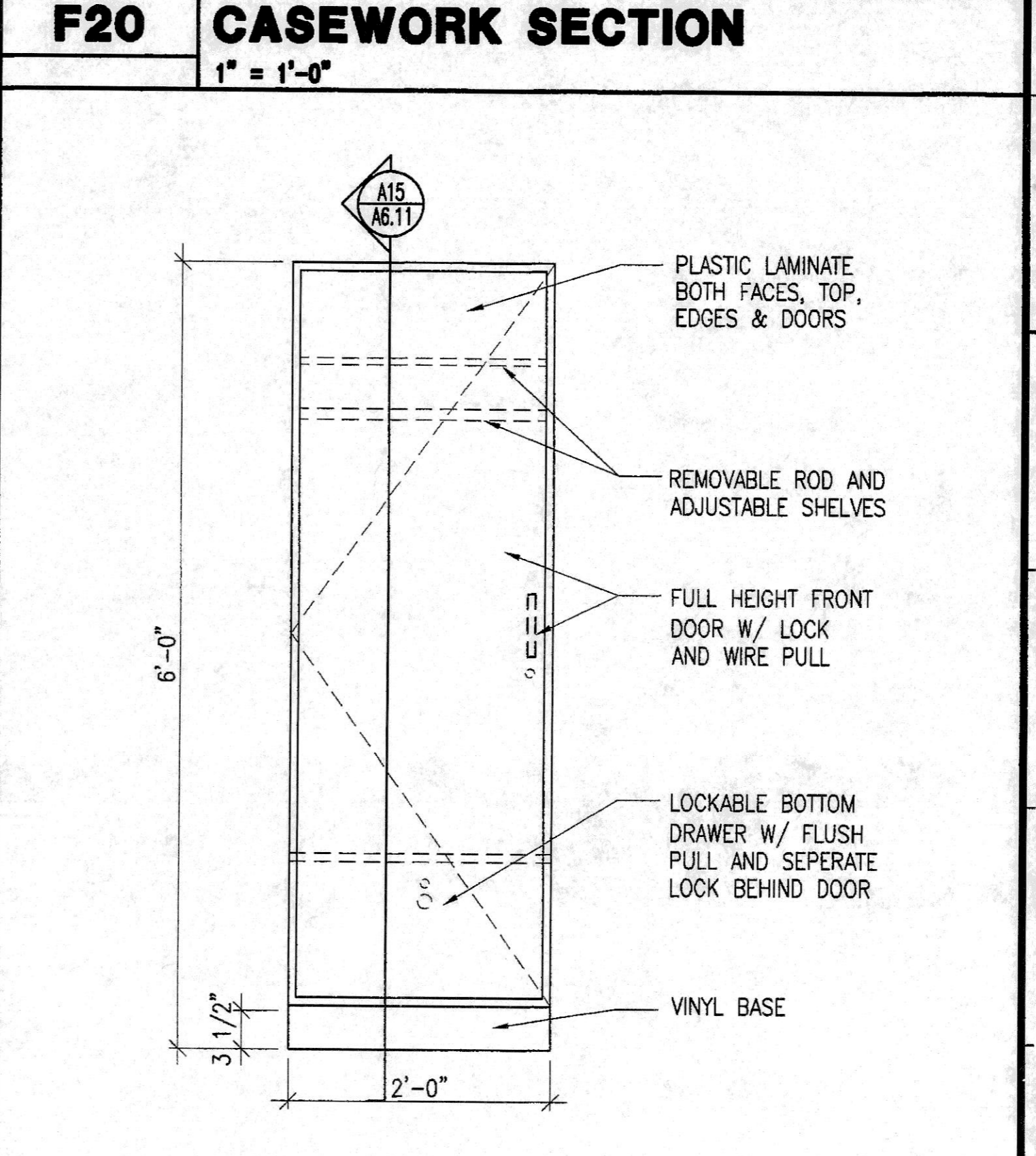
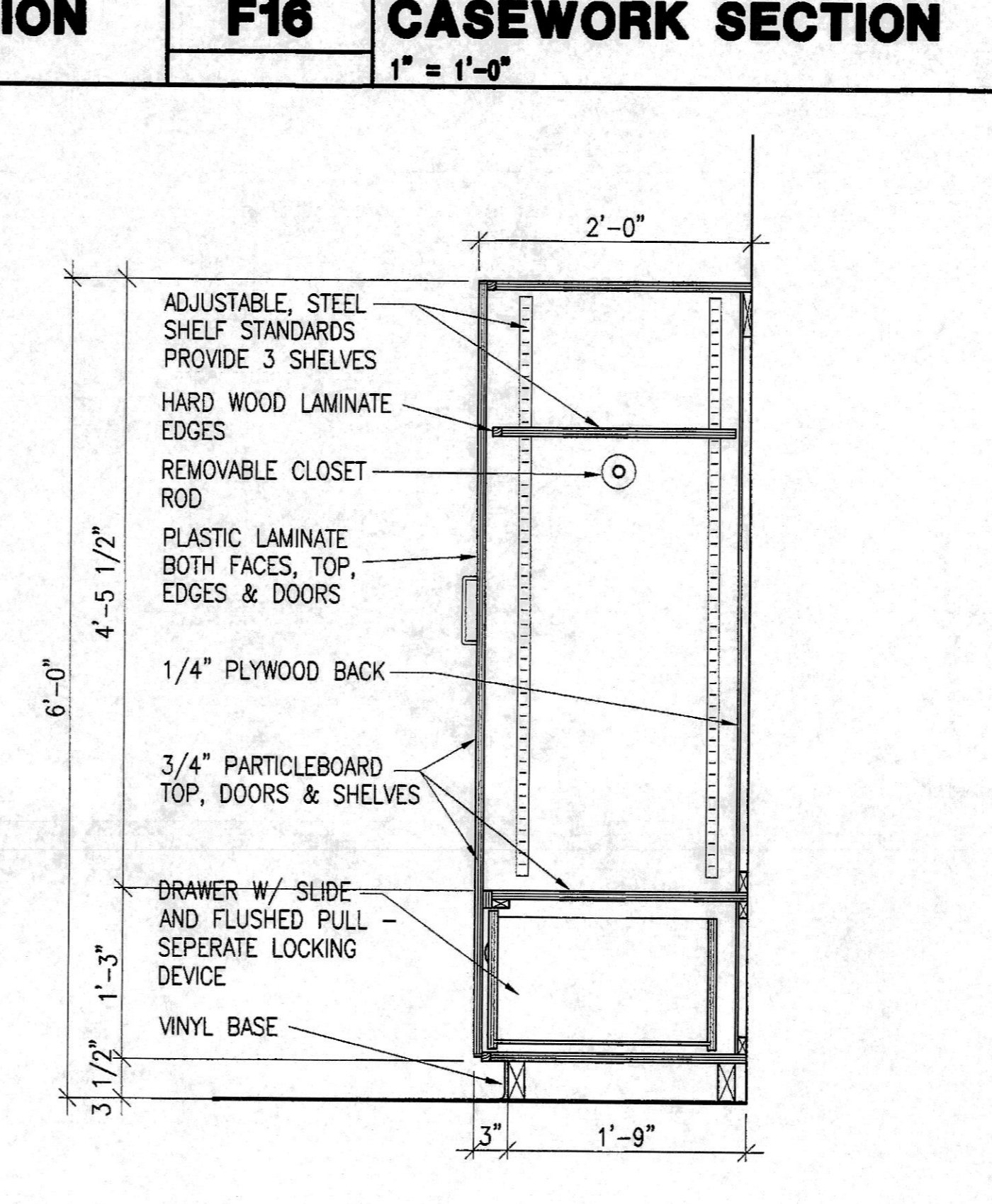
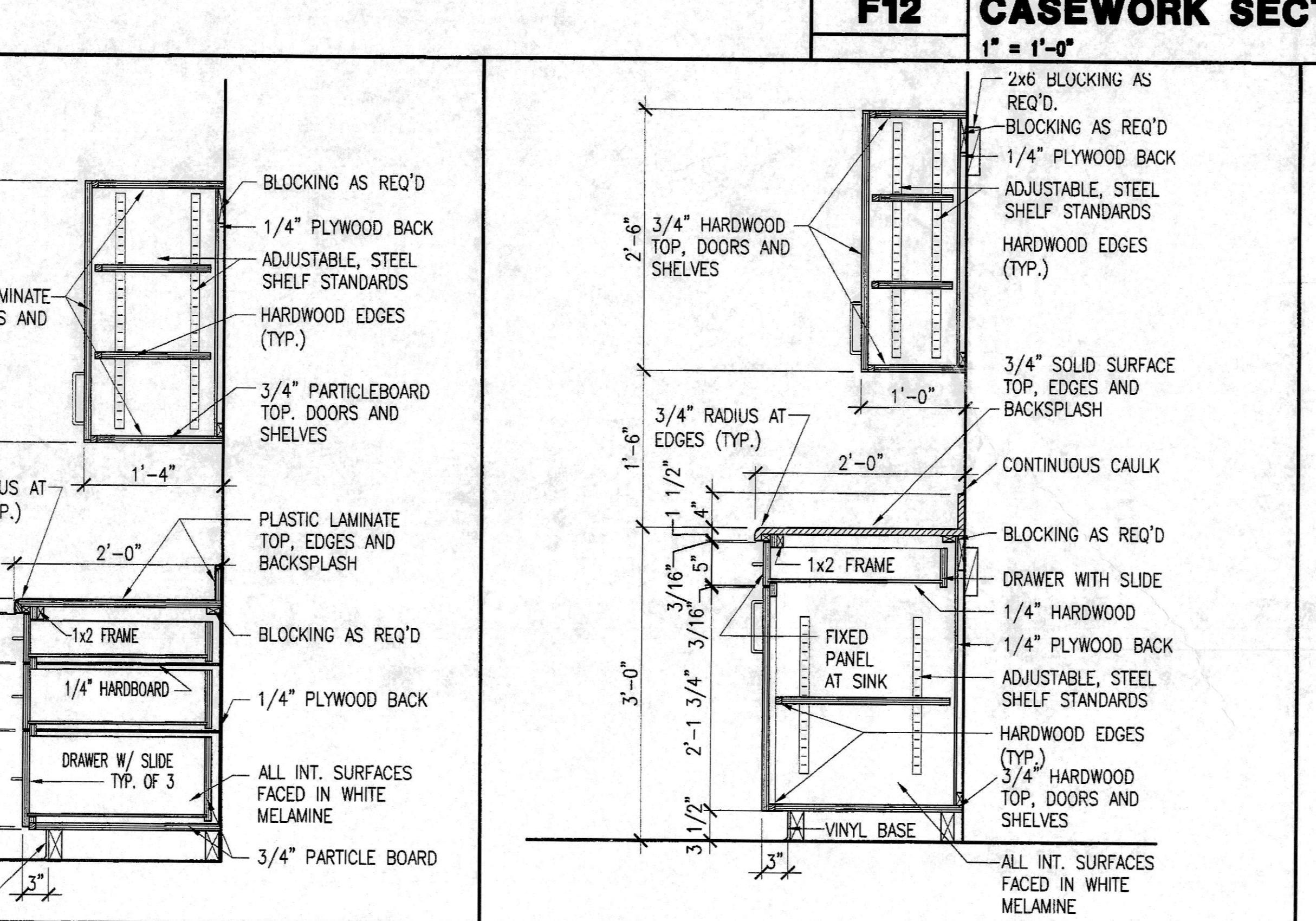
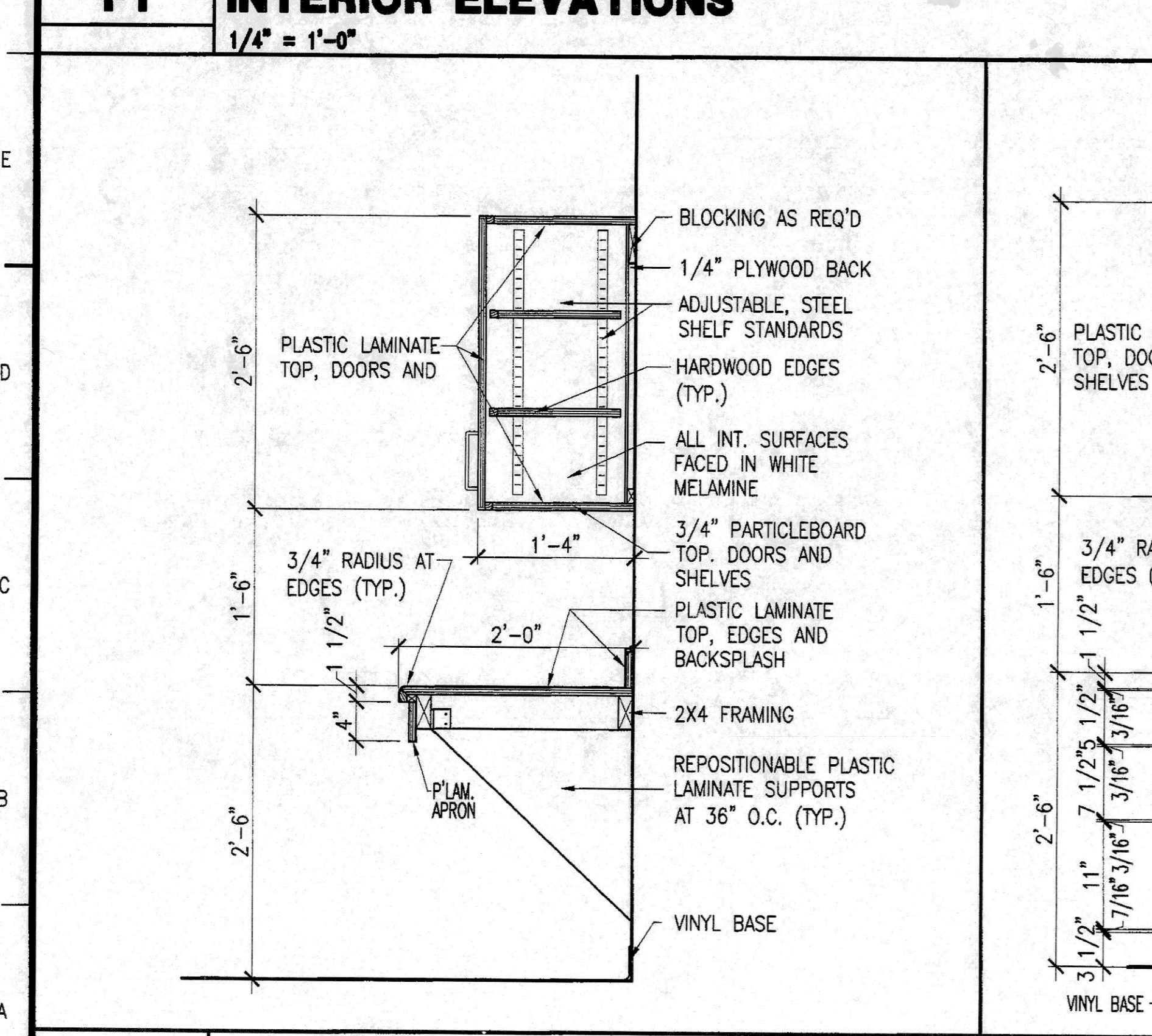
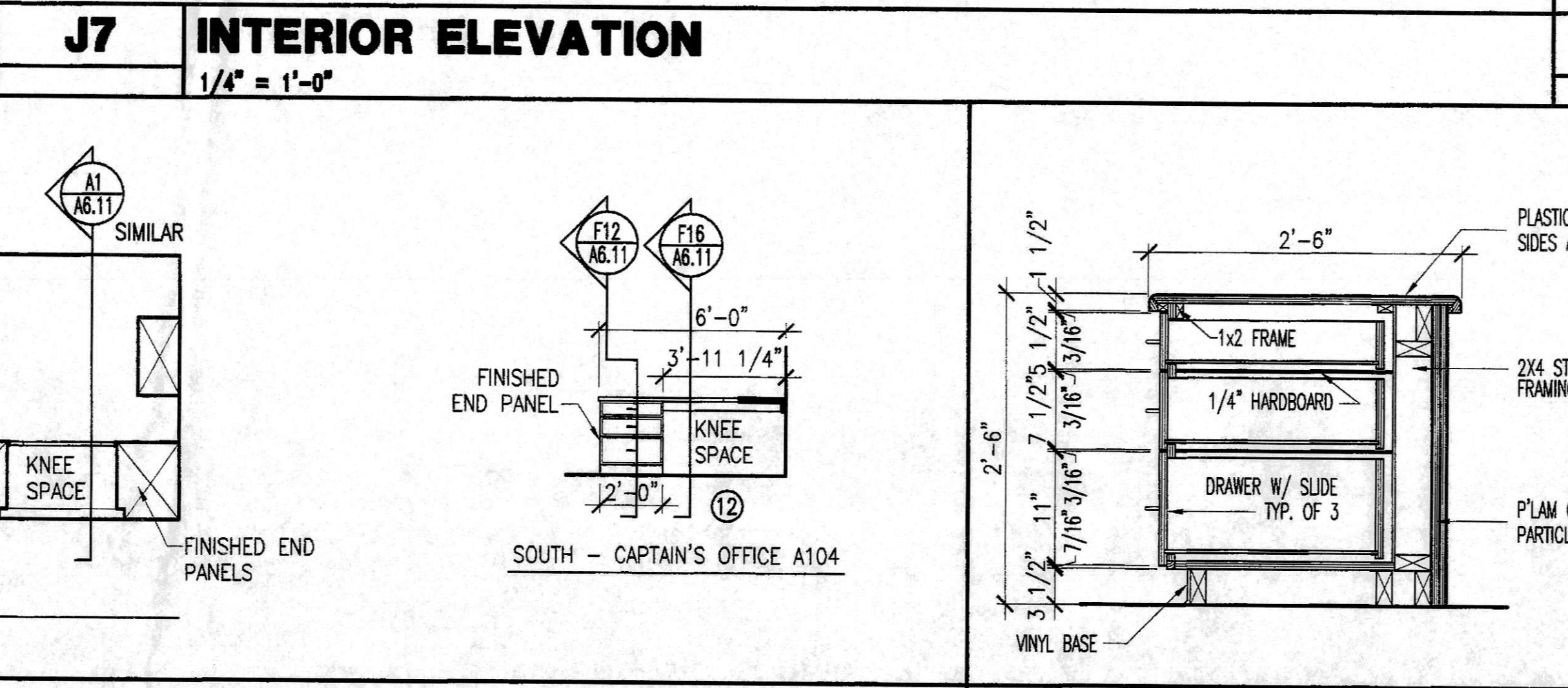
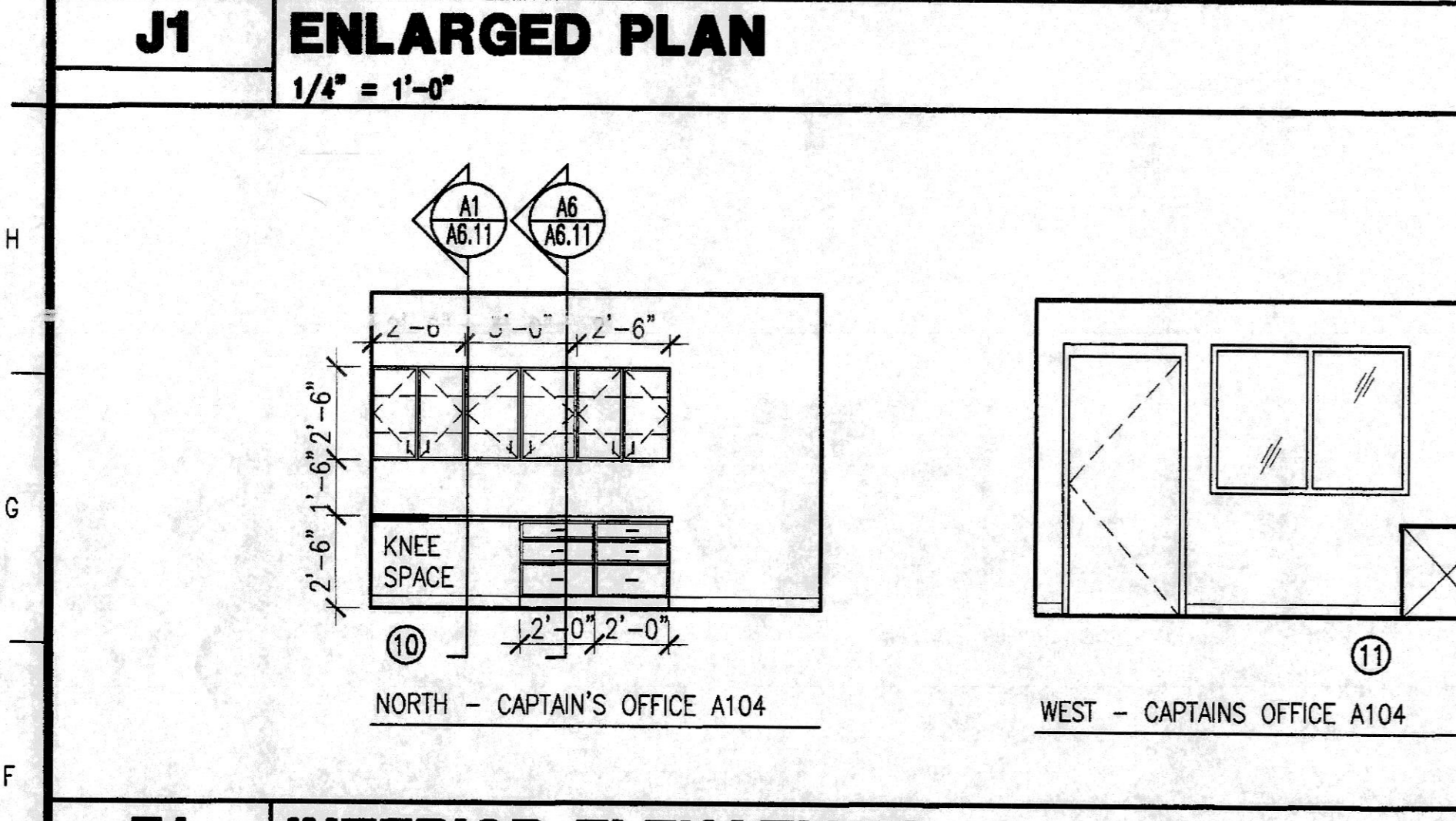
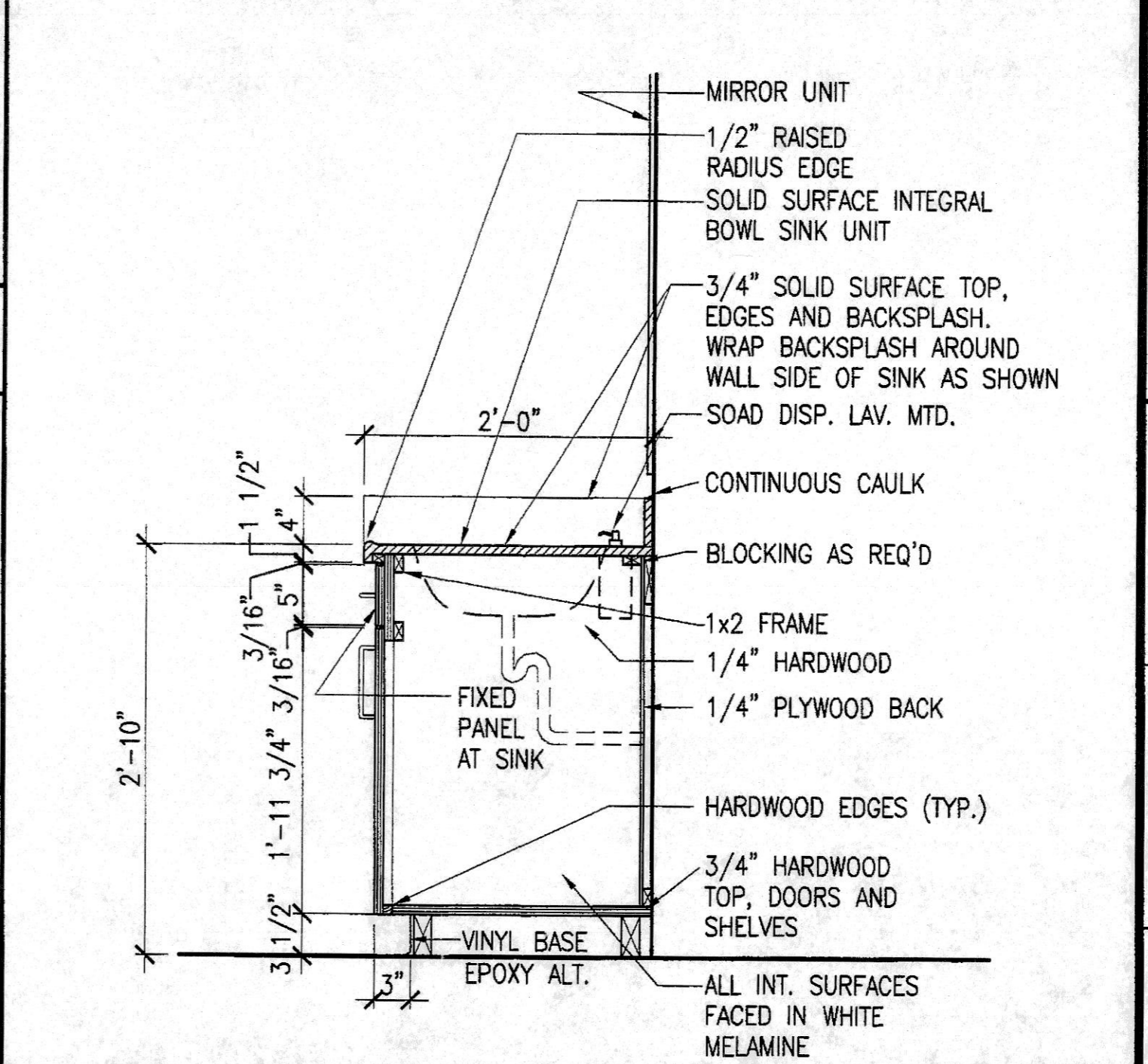
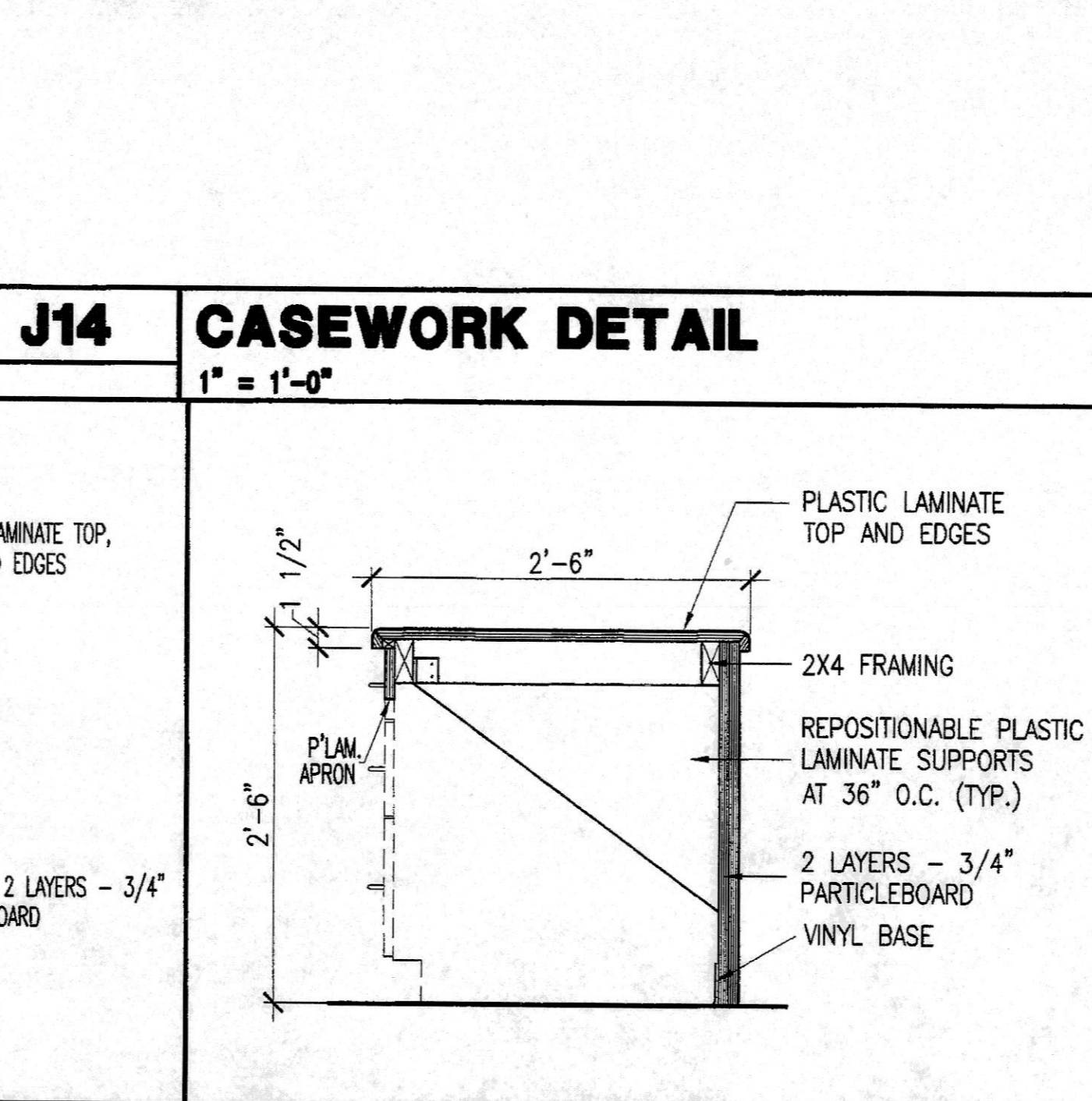
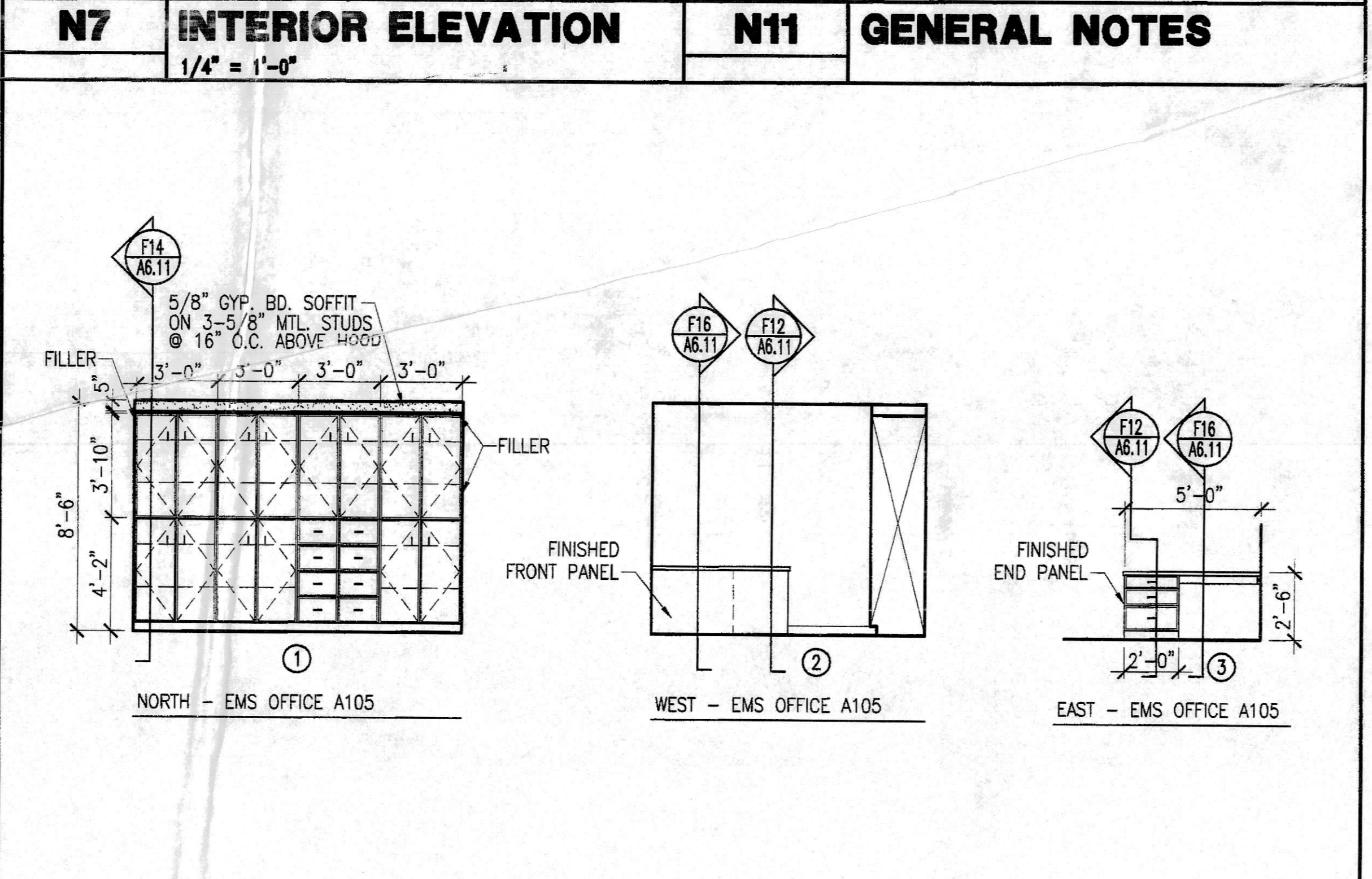
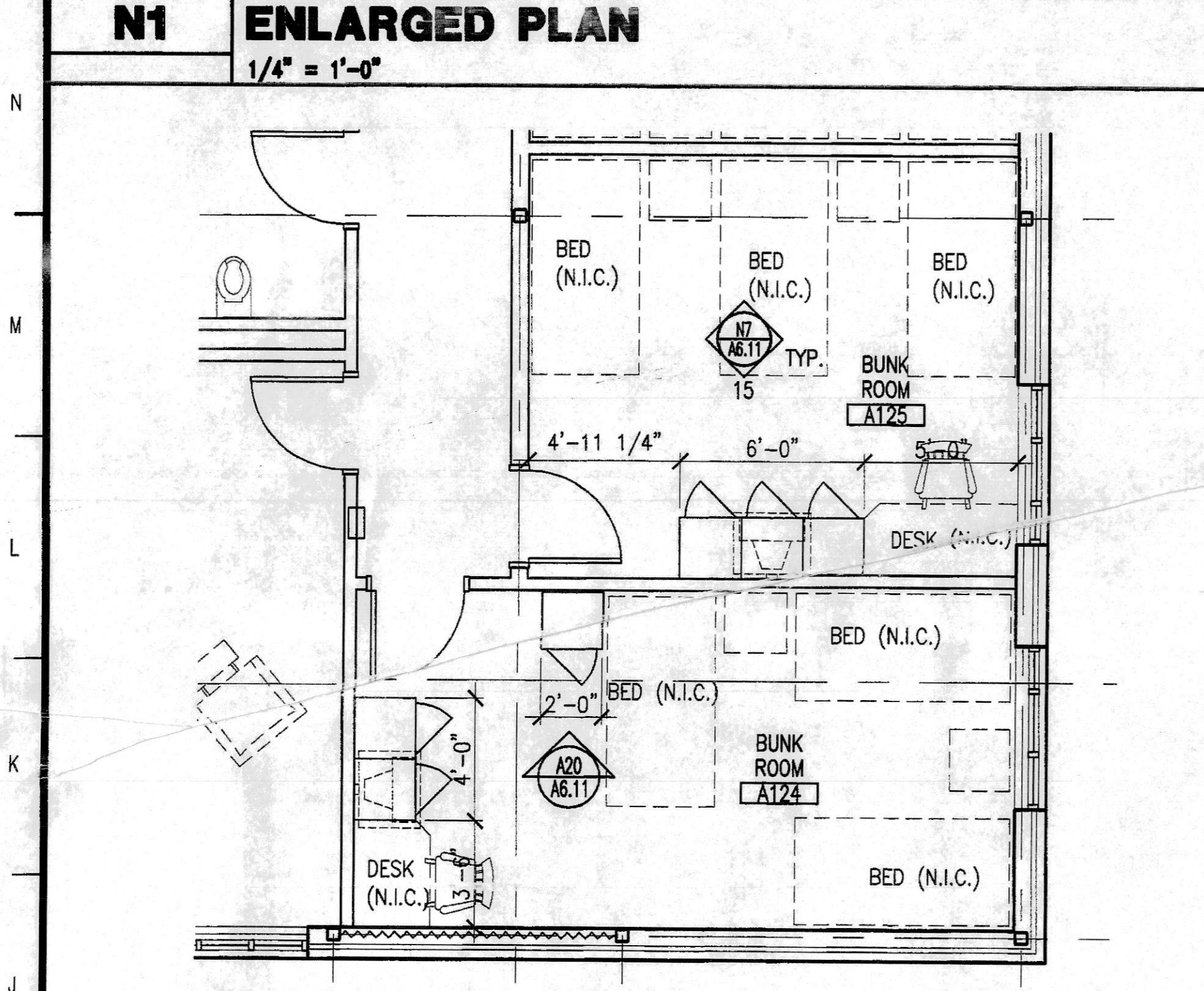
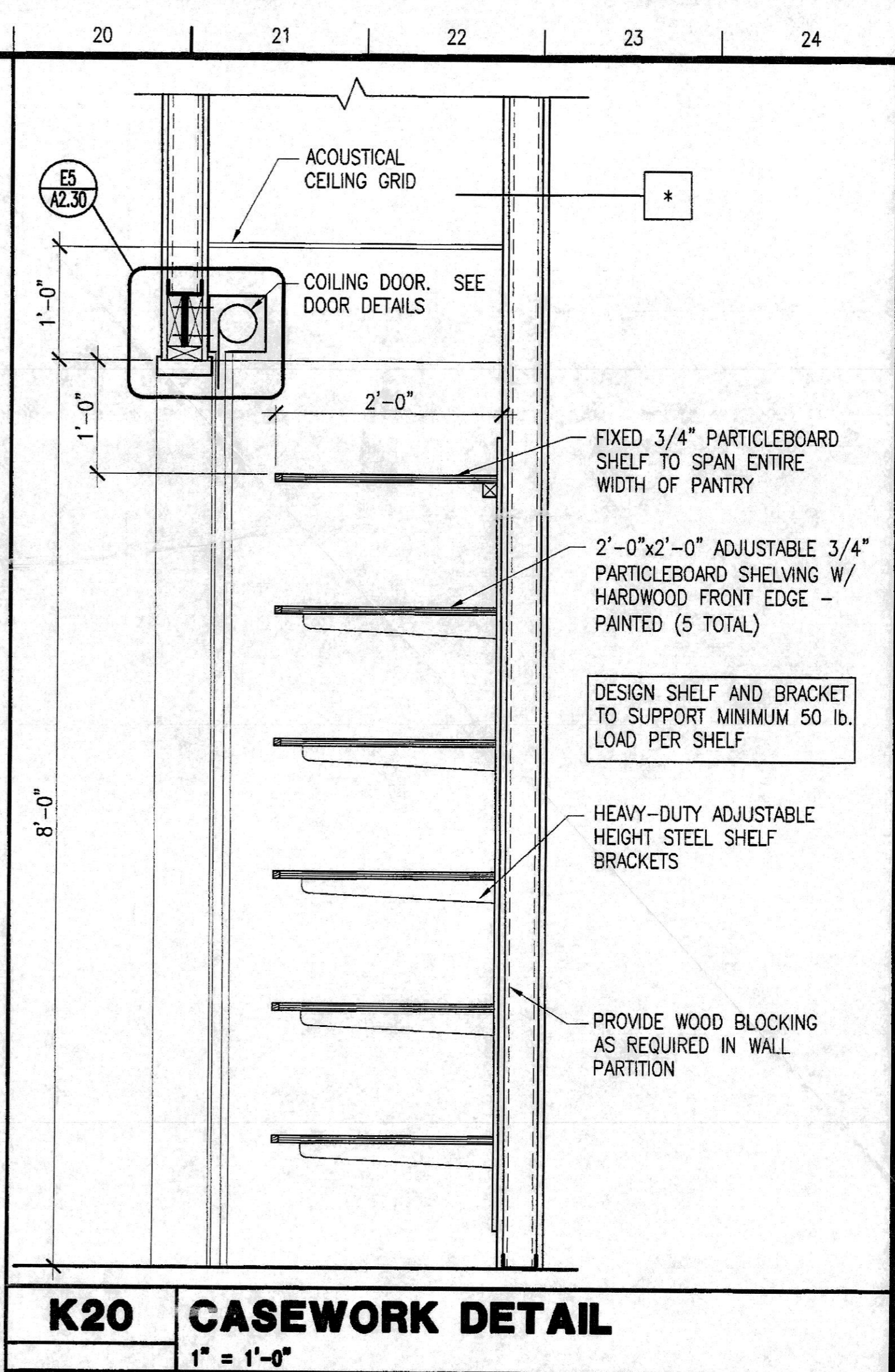
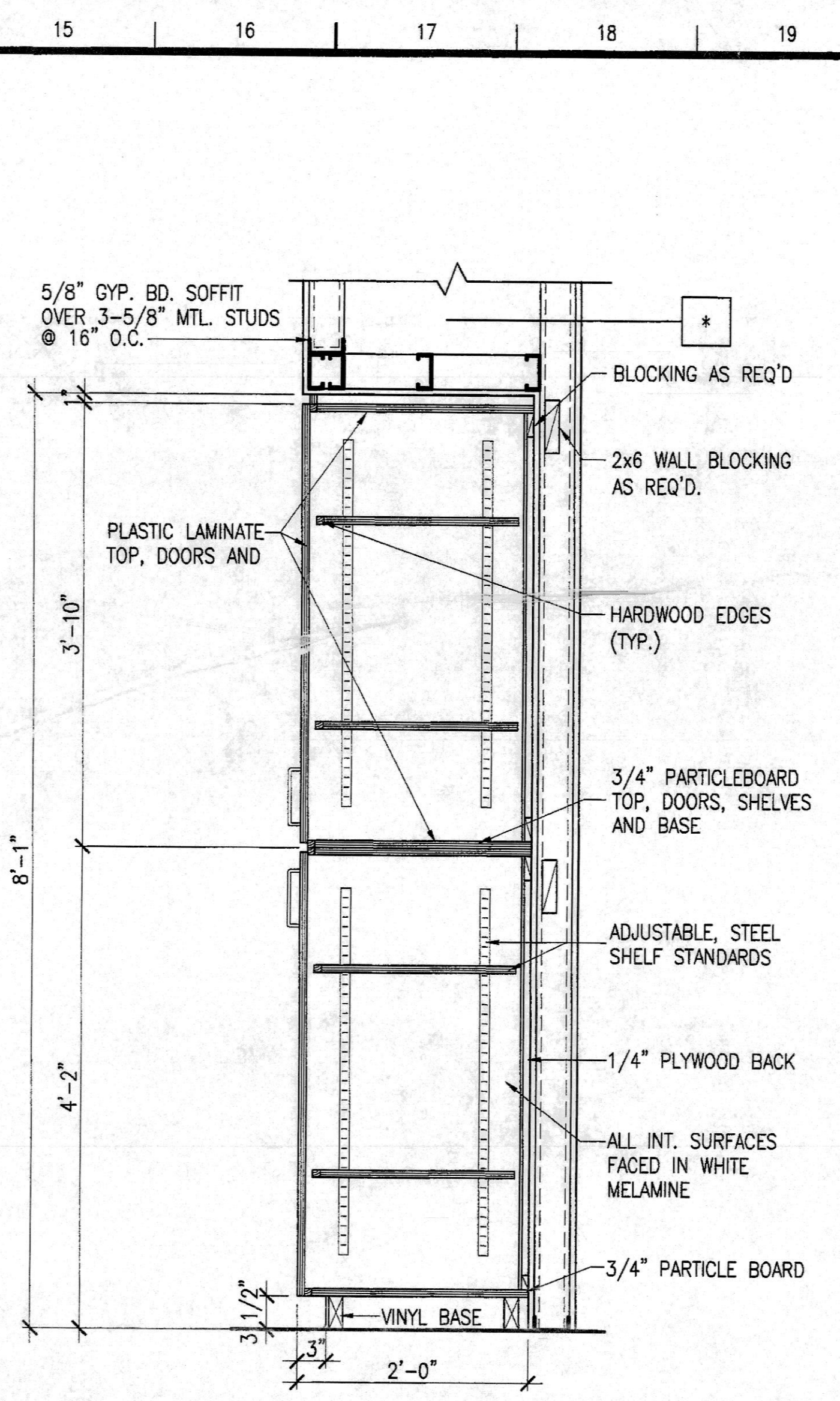
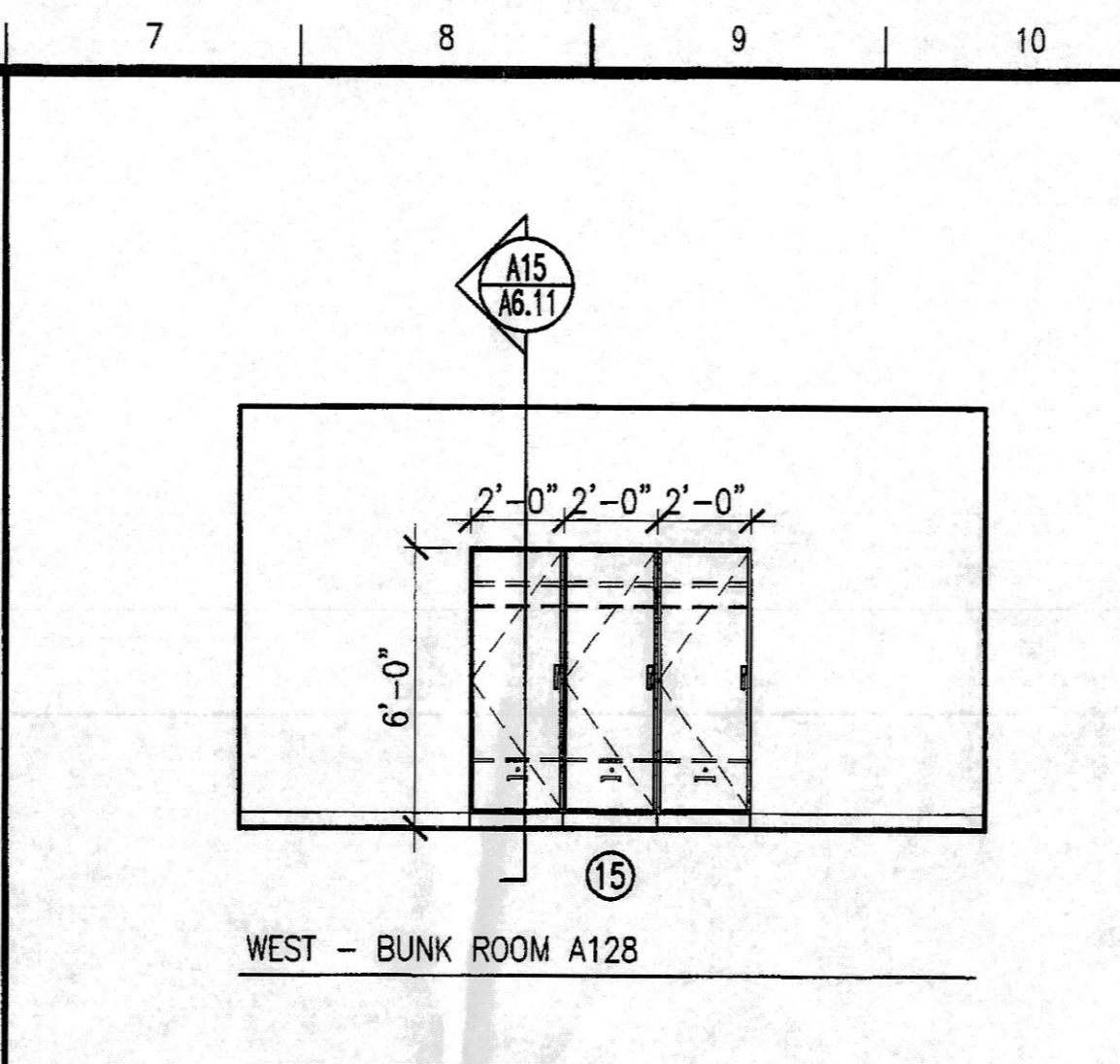
SHEET NO  
**A6.10**  
OF

File: S:\proj\2006\05-076\New\_Vault\A610-050176.dwg  
 User: JJJ  
 Date: 06/22/06 16:15 (JJB Tech)



1. ALL INTERIOR WOOD BLOCKING FOR CASEWORK AND BATH ACCESSORIES SHALL BE FIRE TREATED.

**OWNER PROVIDED RECORD DRAWINGS. ONLY PROVIDED AS REFERENCE ONLY TO AID IN THE BIDDING PROCESS.**



|              |      |             |          |
|--------------|------|-------------|----------|
| ISSUANCE NO. | DATE | DESCRIPTION | APPROVED |
|              |      |             |          |

ALCONQUIN  
MT. VERNON  
CHECKED OAK BROOK  
TEK OF FALLON  
JHH PEORIA

**FCGM**  
ARCHITECTS ENGINEERS INC. • ILLINOIS

DATE: 06-22-06  
DRAWN: RWM/ATC/AMM  
CHECKED: JHH  
APPROVED: JHH  
Professional Engineer Firm # 184-000350

STATE OF MISSOURI  
REGISTERED ARCHITECT  
JAMES R. WOODRUFF  
No. 0006  
My License Expires Dec. 31, 2007

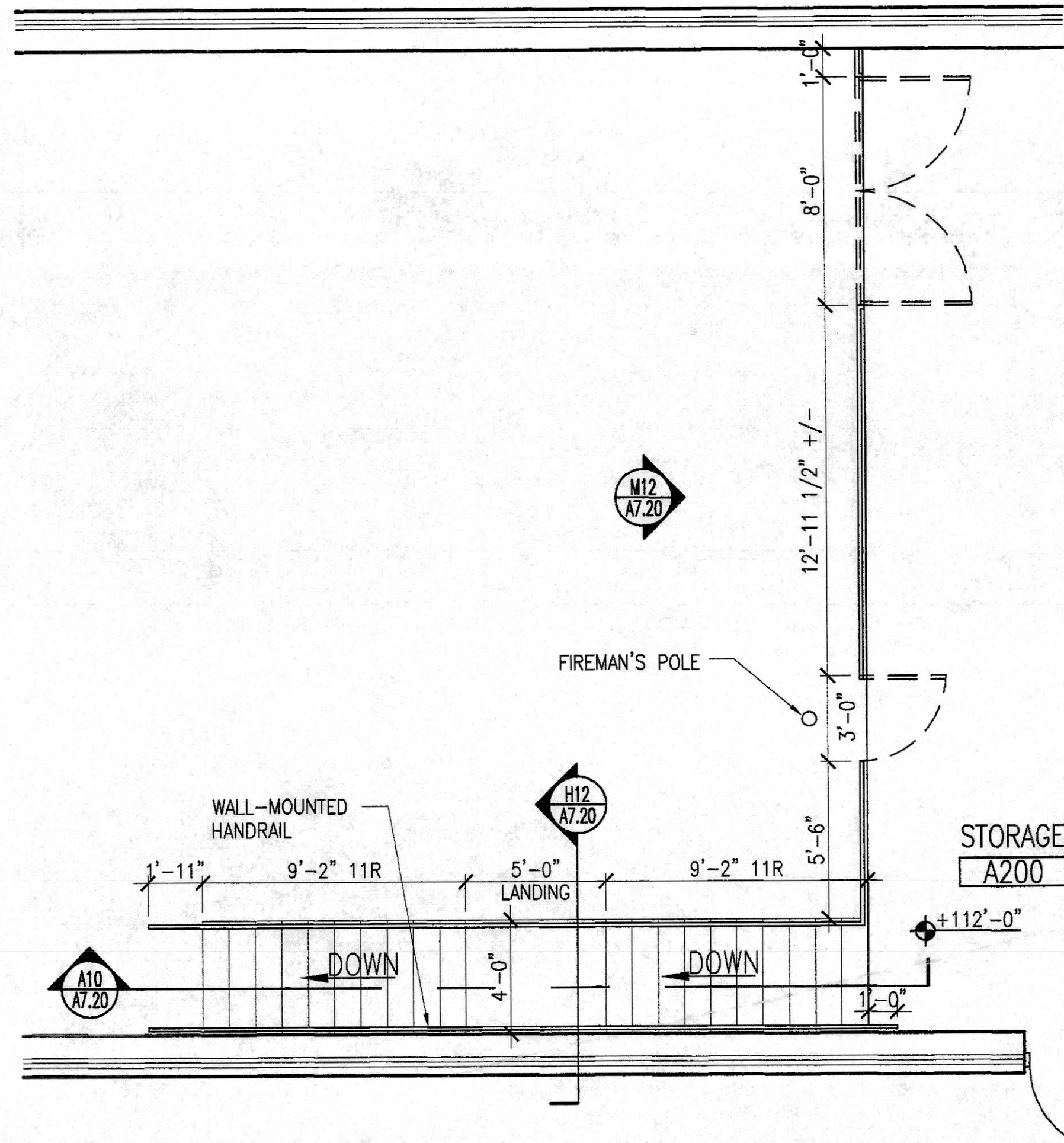
**NEW FIRE STATION, ENGINE HOUSE 1, FOR THE COMMUNITY FIRE PROTECTION DISTRICT**  
OWNER - COMMUNITY F.P.D.  
9411 MARLOWE  
ST. LOUIS, MISSOURI 63114

ENLARGED PLANS, INTERIOR ELEVATIONS, AND INTERIOR DETAILS

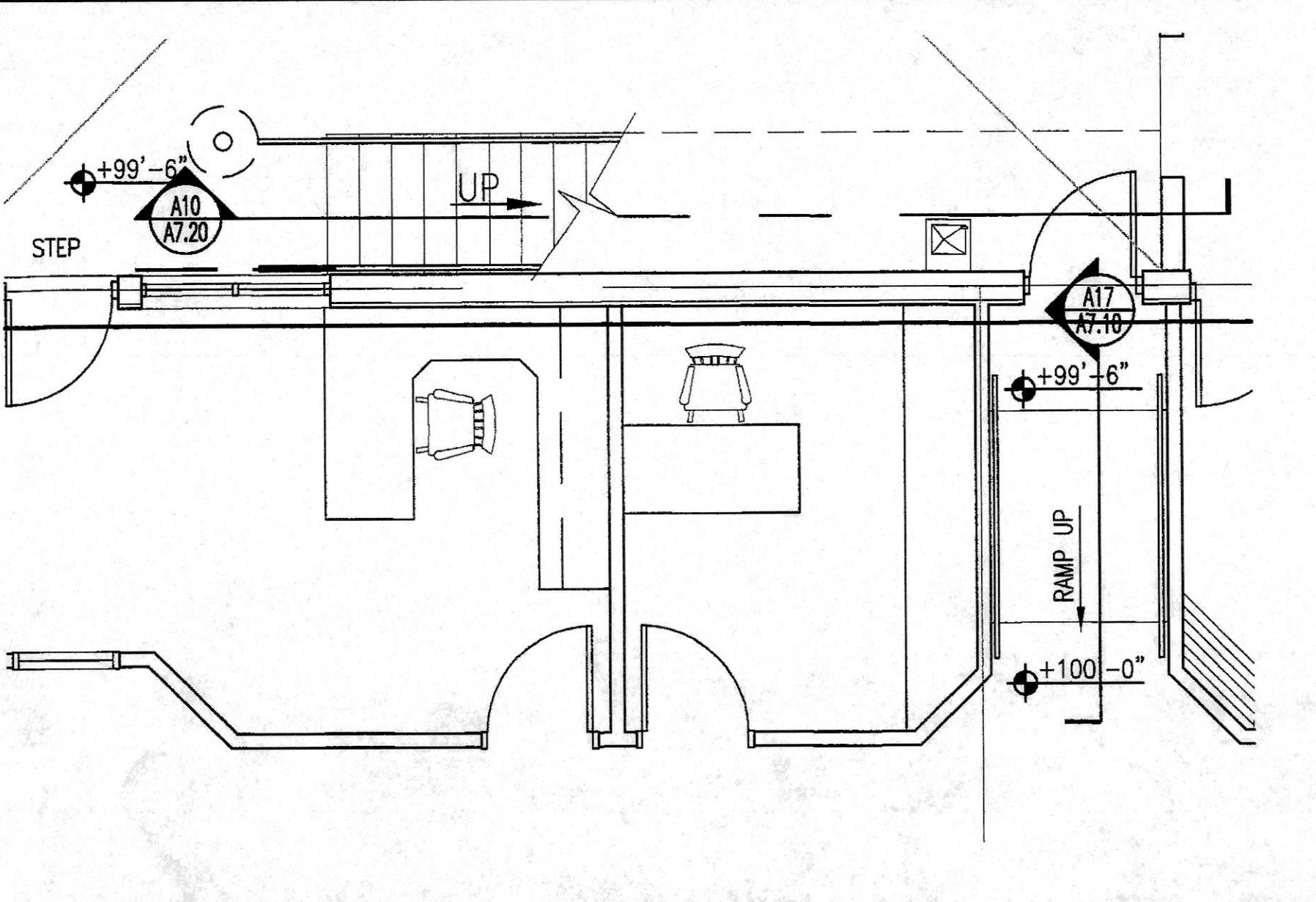
JOB NO 05-076.01

SHEET NO **A6.11**

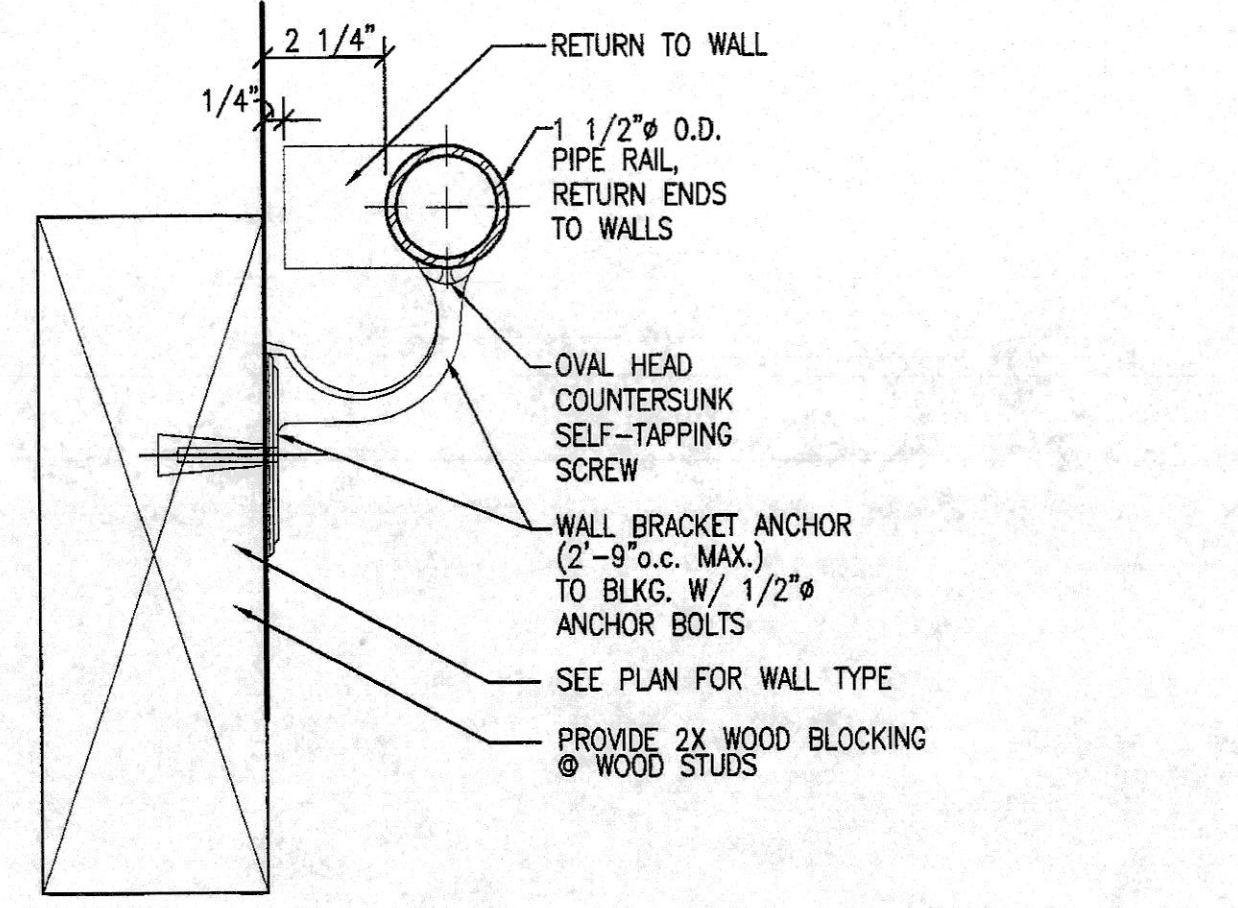
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User: JHH  
Version: 16.16 (AutoCAD 2006)



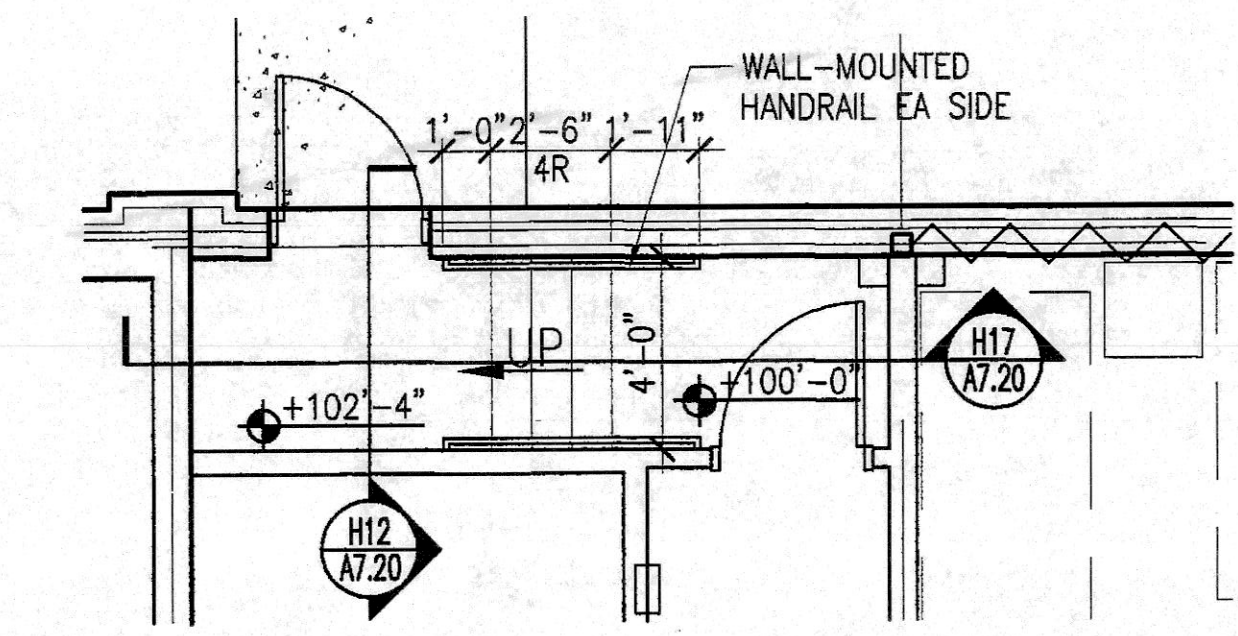
**K1 STAIR PLAN - MEZZANINE LEVEL**  
1/4" = 1'-0"



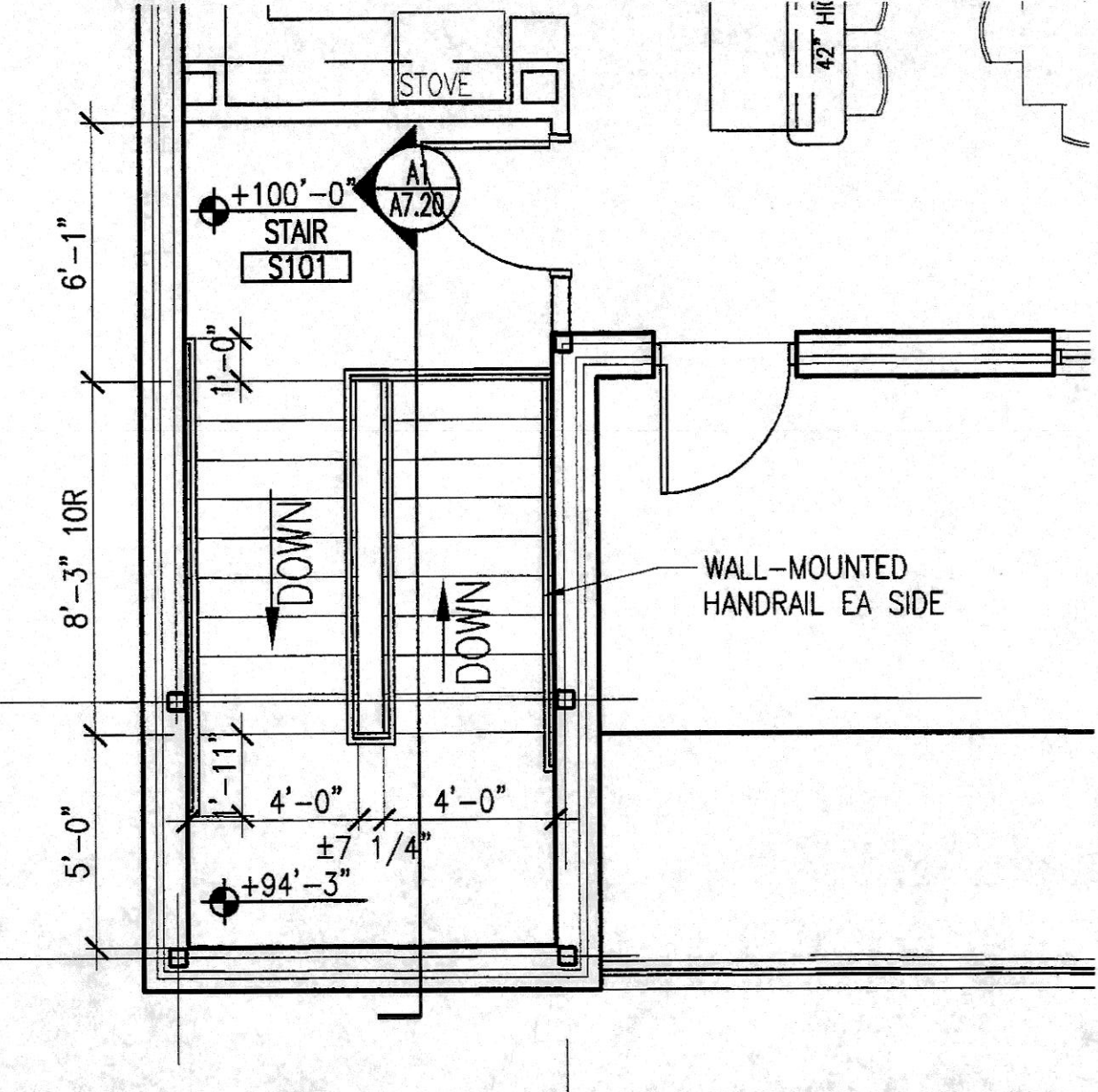
**F1 STAIR PLAN - MAIN LEVEL**  
1/4" = 1'-0"



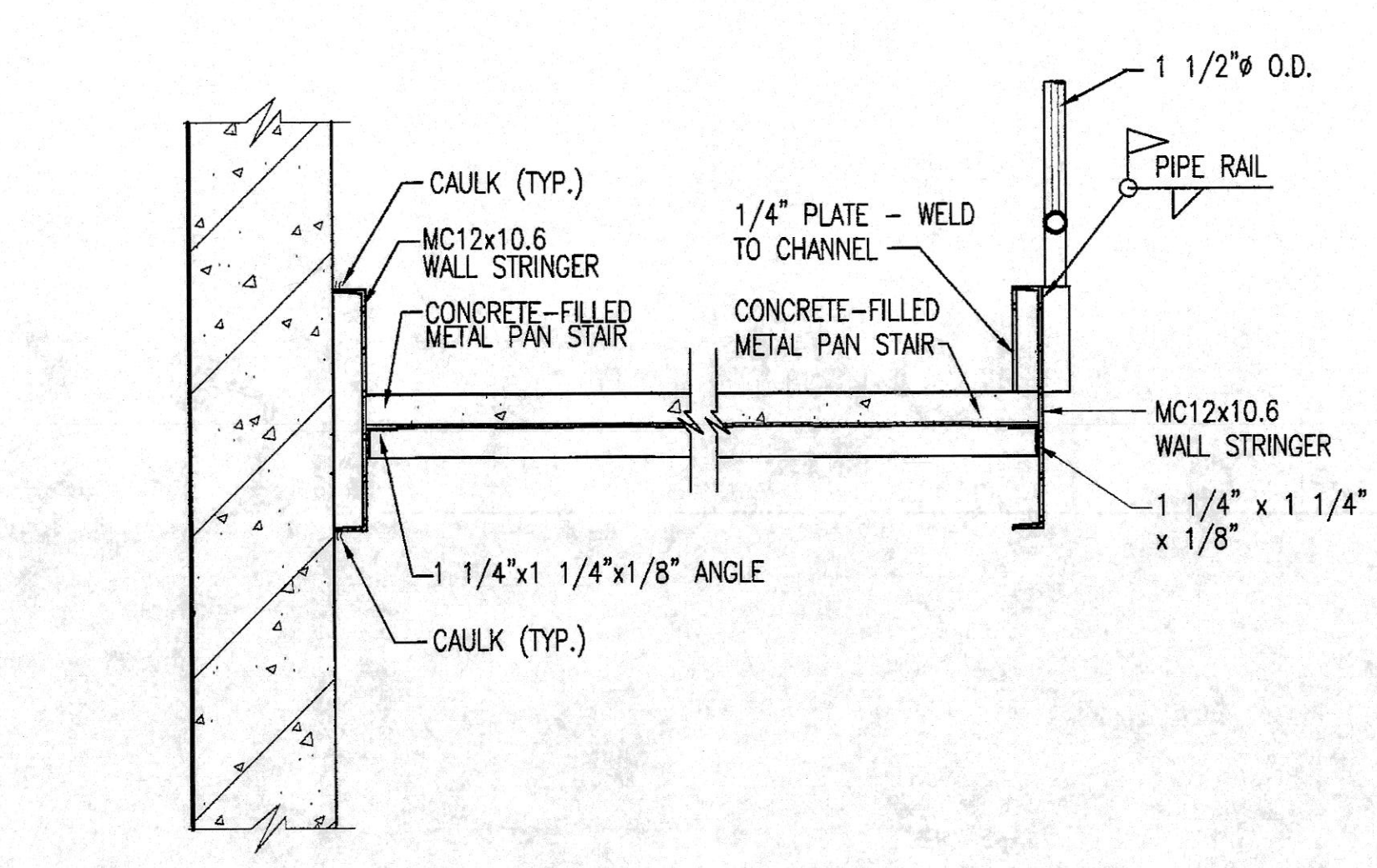
**N7 DETAIL AT HANDRAIL**  
1" = 1'-0"



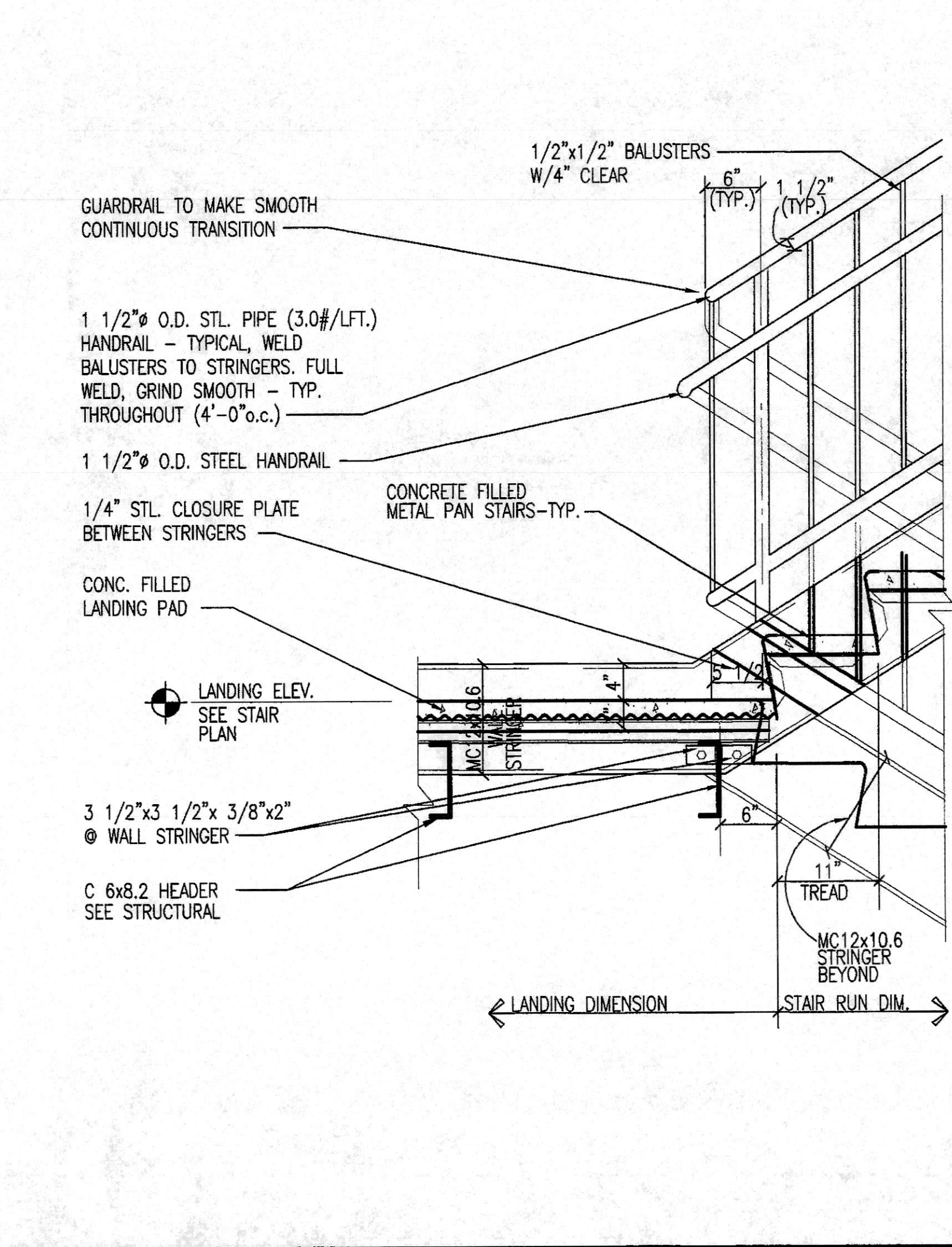
**K7 STAIR PLAN - MAIN LEVEL**  
1/4" = 1'-0"



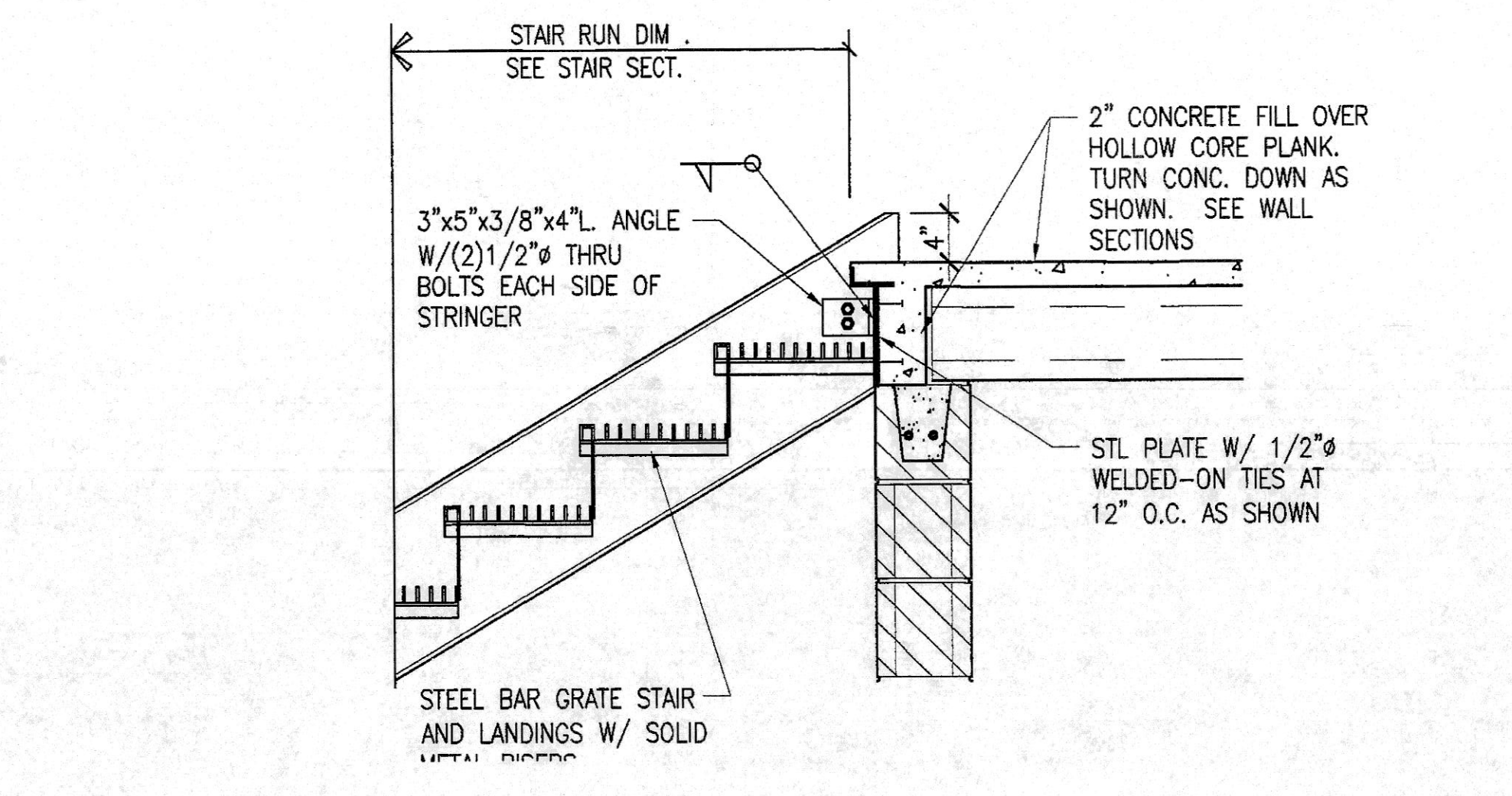
**F7 STAIR PLAN - MAIN LEVEL**  
1/4" = 1'-0"



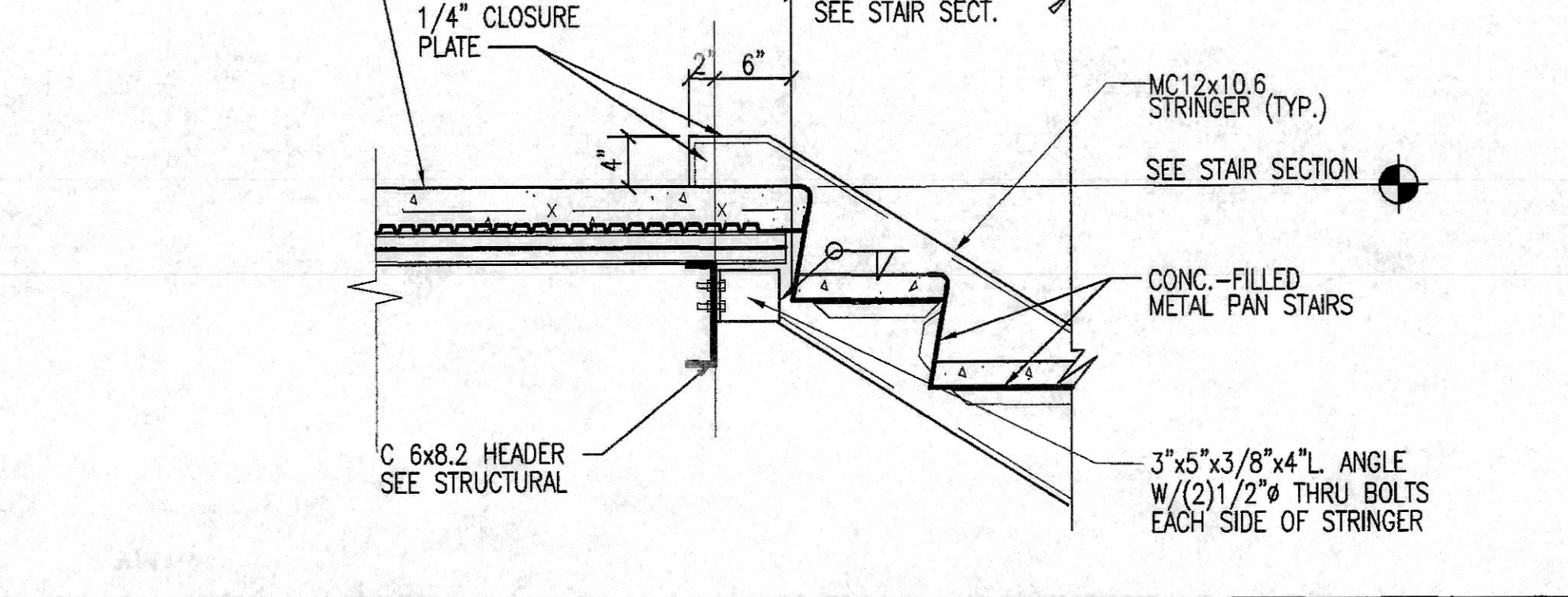
**N12 STAIR DETAIL**  
1" = 1'-0"



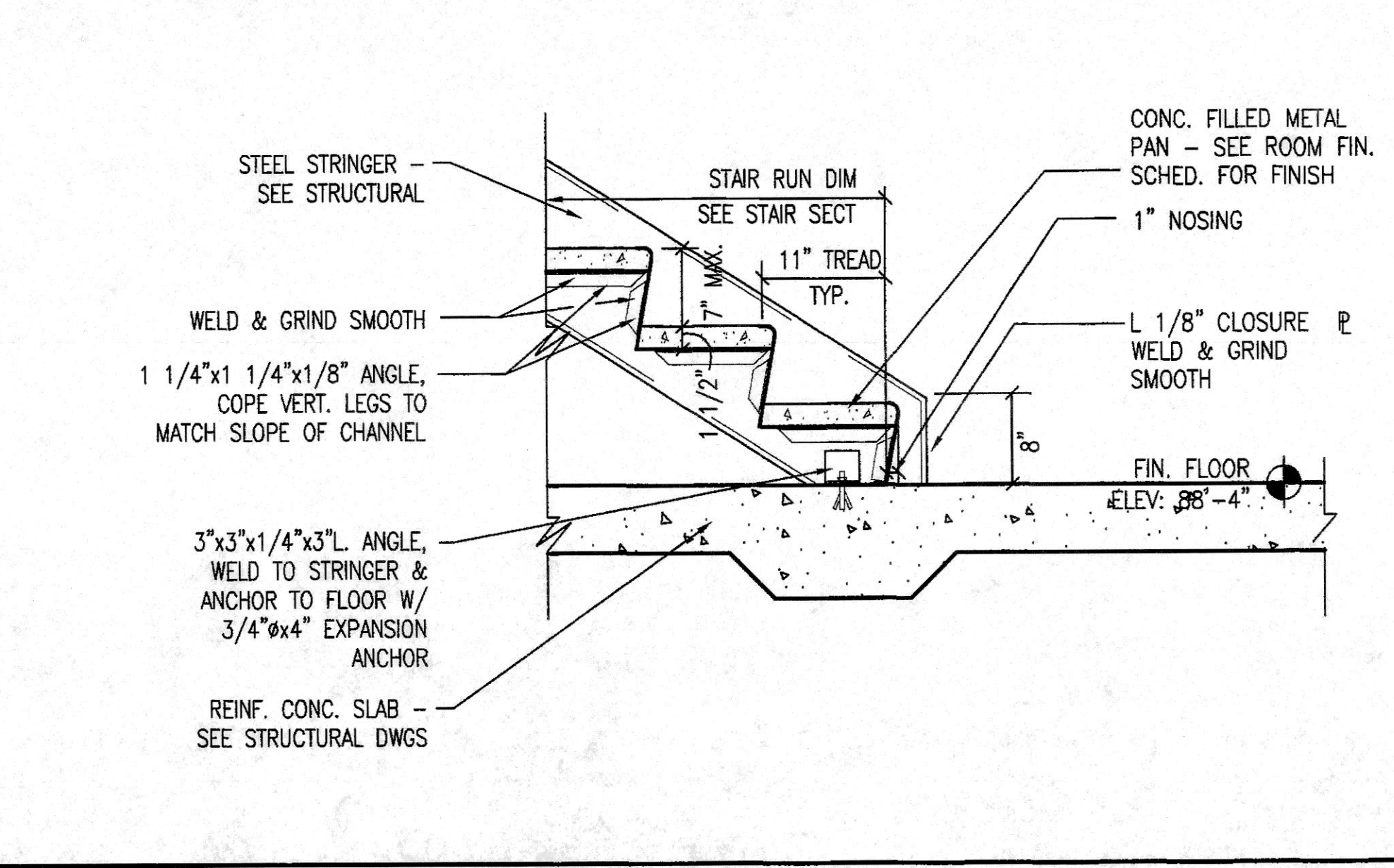
**F12 STAIR DETAIL**  
1" = 1'-0"



**N18 STAIR DETAIL**  
1" = 1'-0"

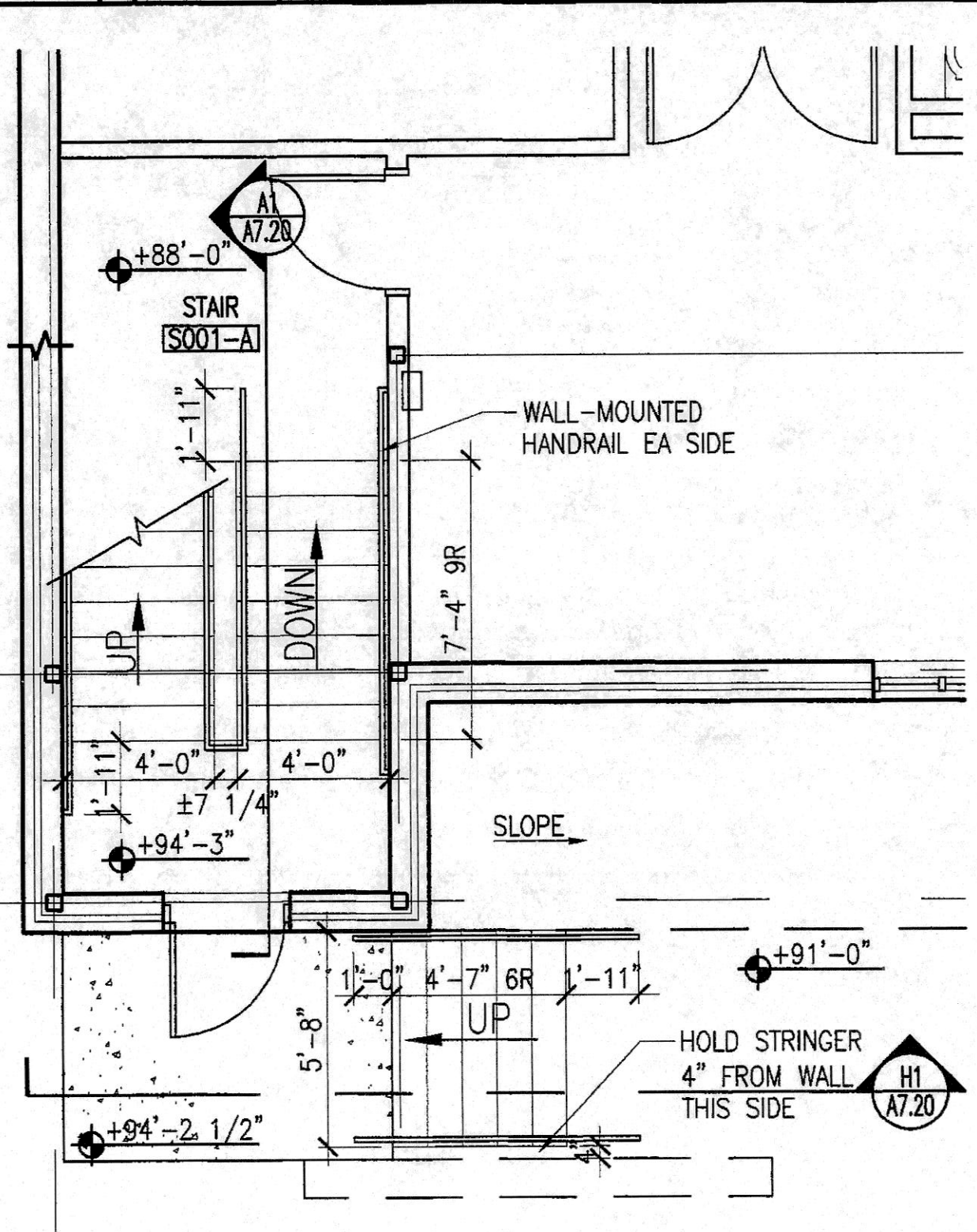


**K18 STAIR DETAIL**  
1" = 1'-0"

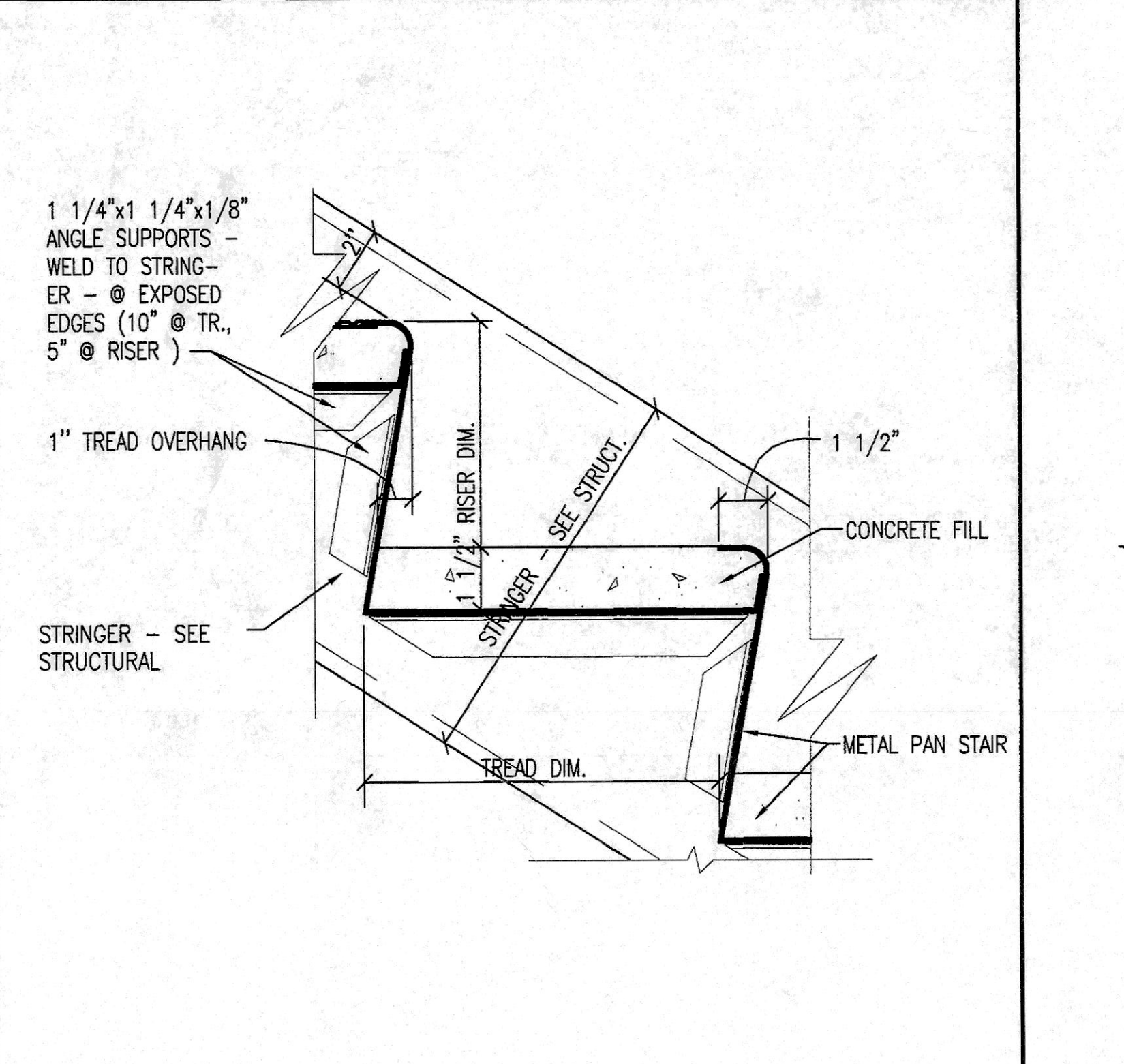


**F18 STAIR DETAIL**  
1" = 1'-0"

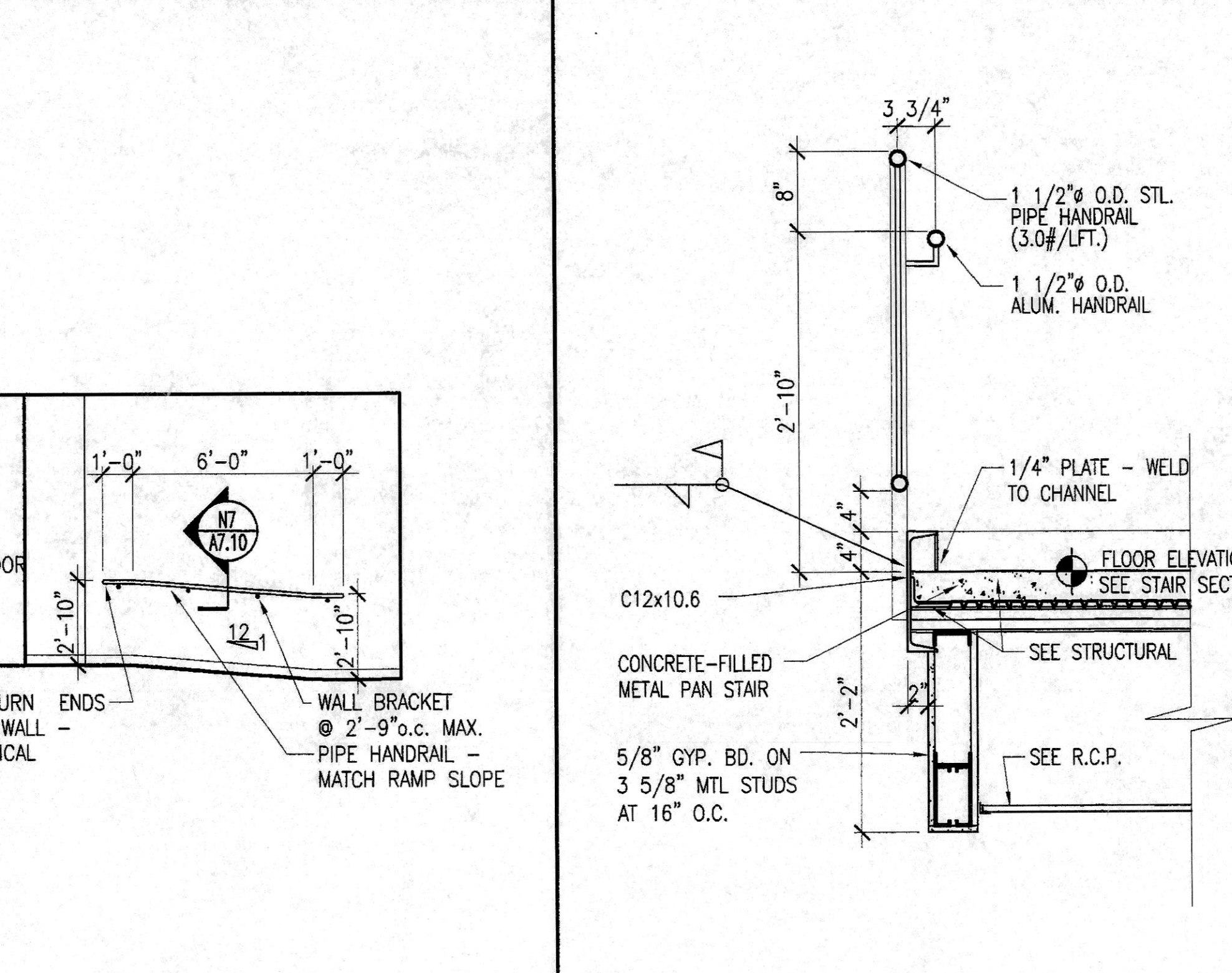
**OWNER PROVIDED RECORD DRAWINGS. ONLY PROVIDED AS REFERENCE ONLY TO AID IN THE BIDDING PROCESS.**



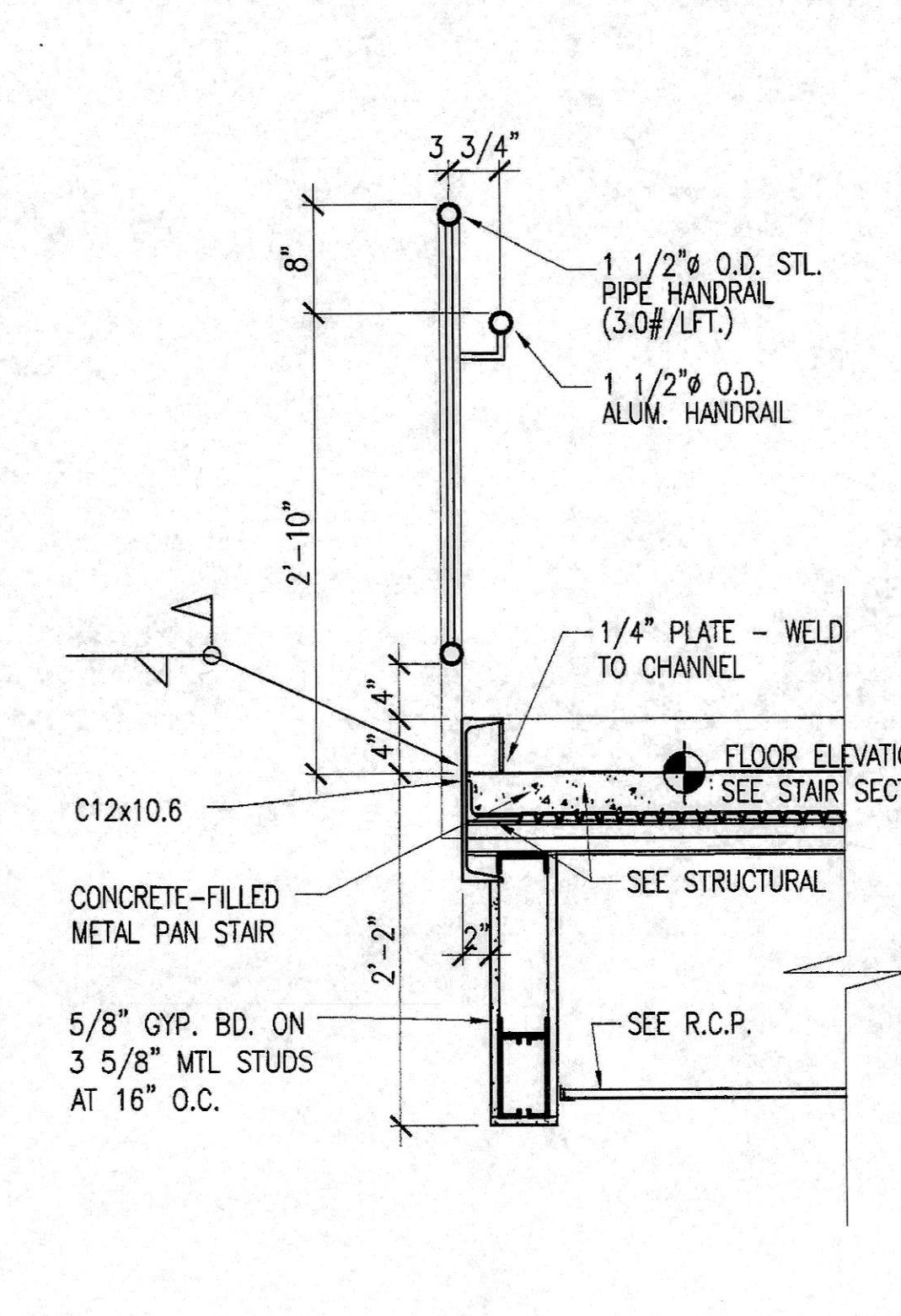
**A7 STAIR PLAN - LOWER FLOOR**  
1/4" = 1'-0"



**A12 STAIR DETAIL**  
3" = 1'-0"



**A17 RAMP/HANDRAIL ELEV**  
1/4" = 1'-0"



**A21 STAIR DETAIL**  
1" = 1'-0"

**A1 NOT USED**

|              |      |             |          |
|--------------|------|-------------|----------|
| ISSUANCE NO. | DATE | DESCRIPTION | APPROVED |
|              |      |             |          |

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MT. VERNON  
OAK BROOK  
OF FALLON  
PEORIA

**FCM**  
ARCHITECTS ENGINEERS INC. • ILLINOIS

DATE: 06-22-06  
DRAWN: KMM/ATC/ANK  
CHECKED: JKH  
APPROVED: JKH  
Professional Design Firm # 184-000350

STATE OF MISSOURI  
REGISTERED ARCHITECT  
My License Expires Dec 31, 2007

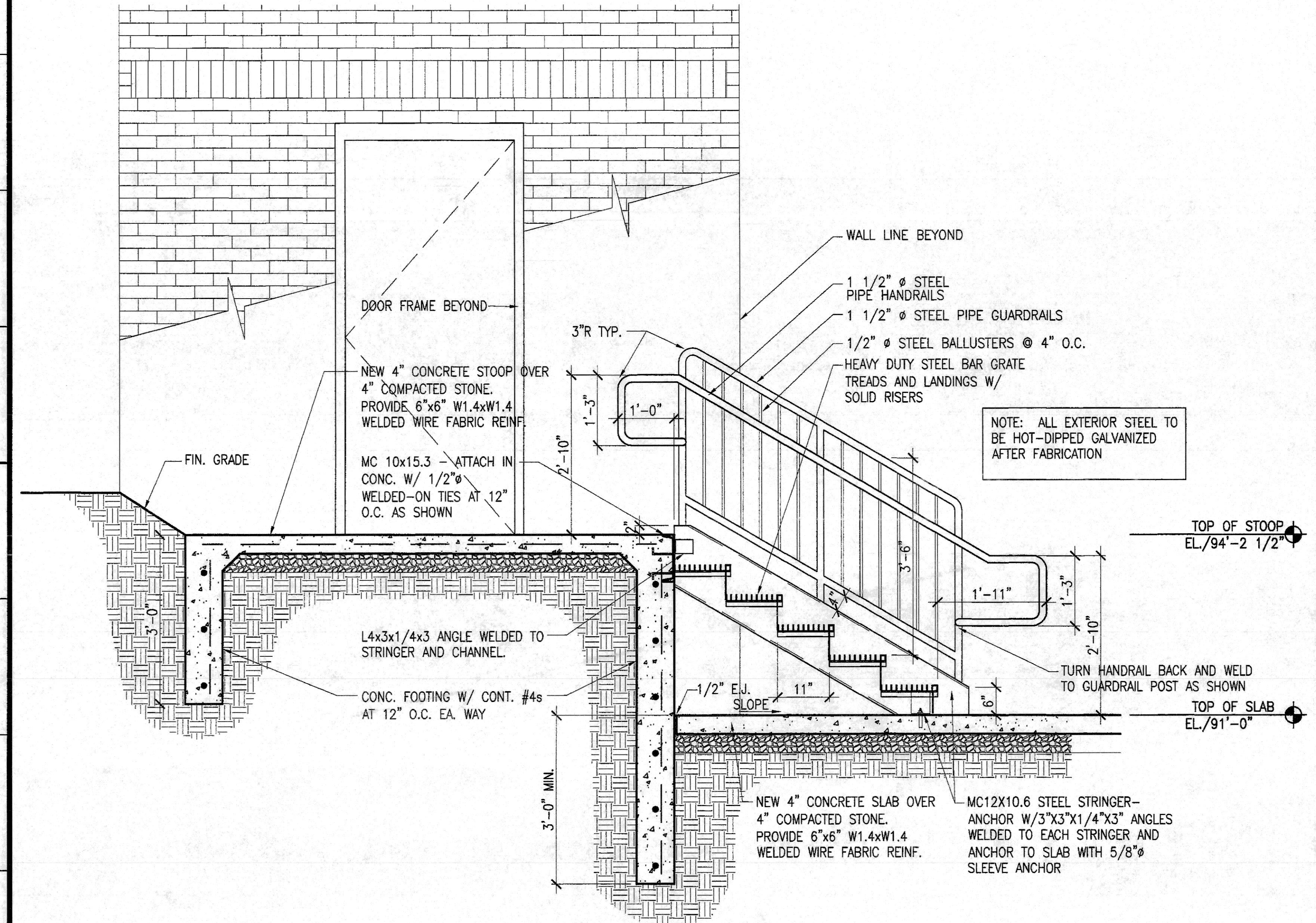
**NEW FIRE STATION, ENGINE HOUSE 1, FOR THE COMMUNITY FIRE PROTECTION DISTRICT**  
OWNER - COMMUNITY F.P.D.  
9411 MARLOWE  
ST. LOUIS, MISSOURI 63144

STAR SECTIONS AND DETAILS

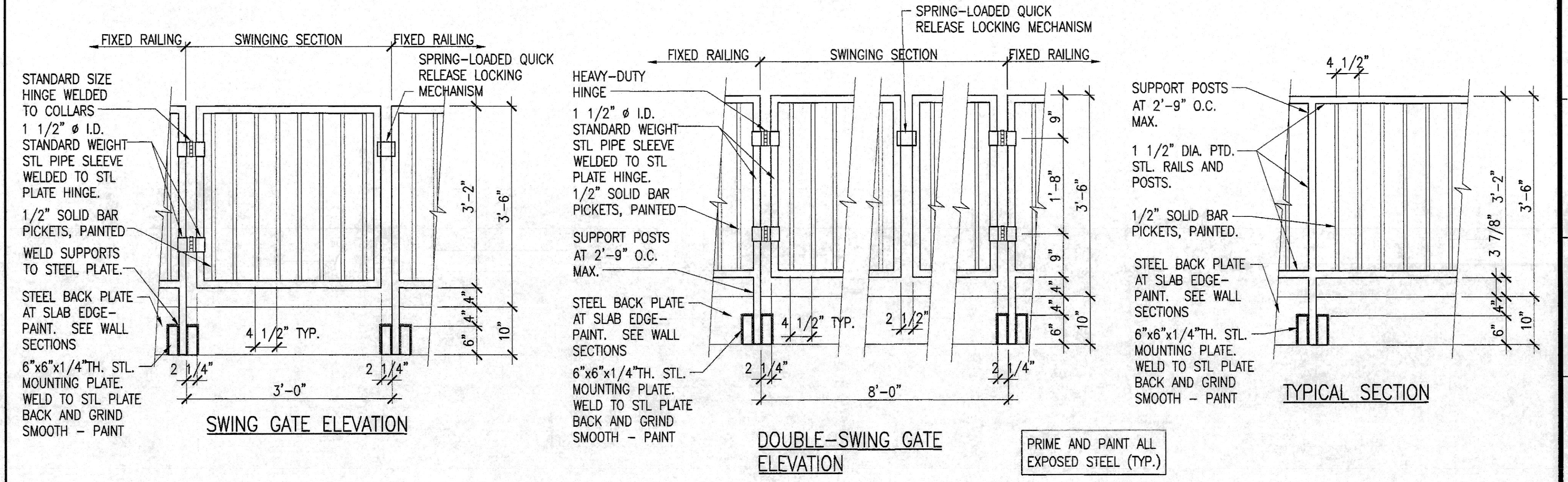
JOB NO 06-076.01

SHEET NO  
**A7.10**  
OF

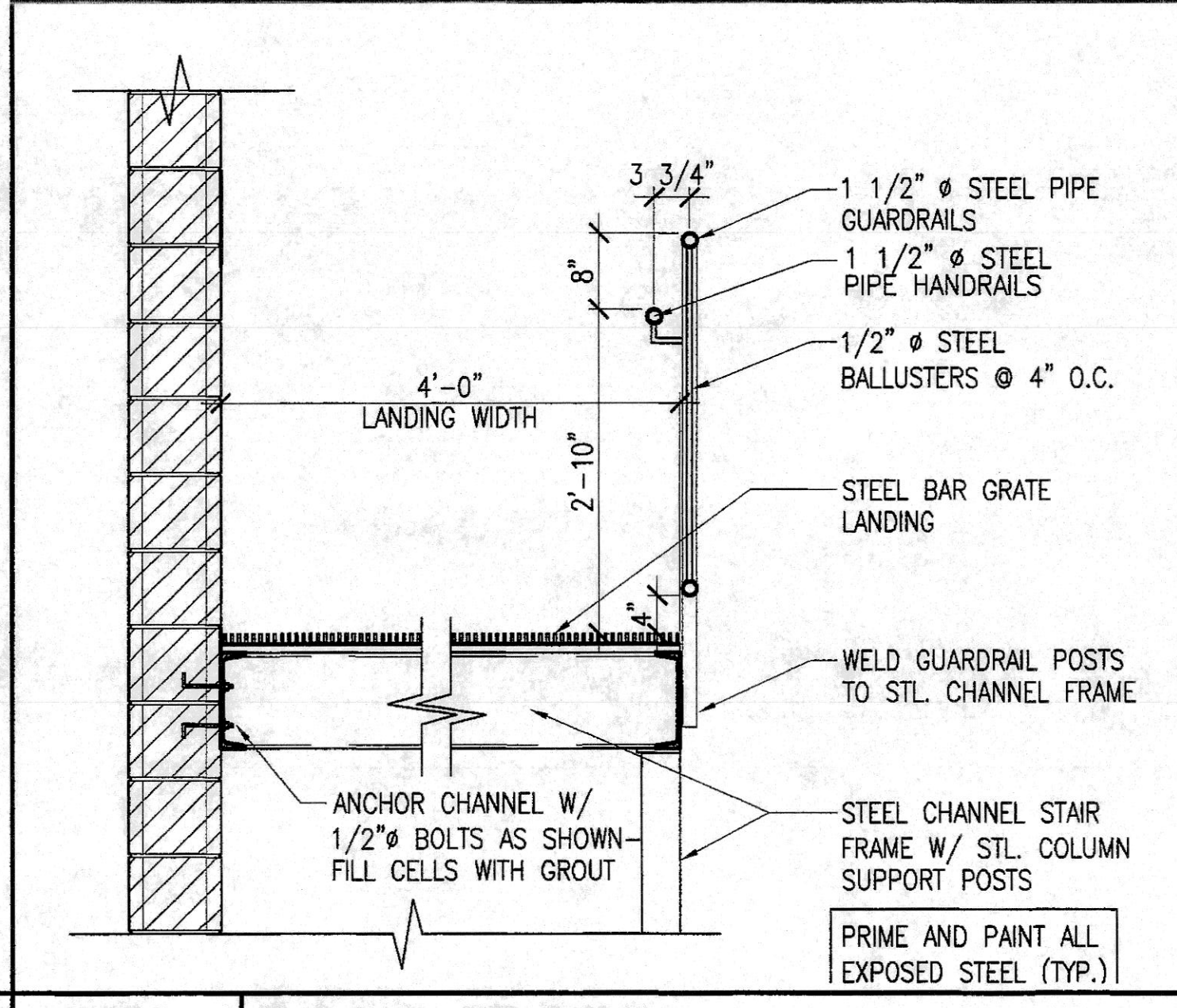
Copyright 2006 by FGM, Inc.



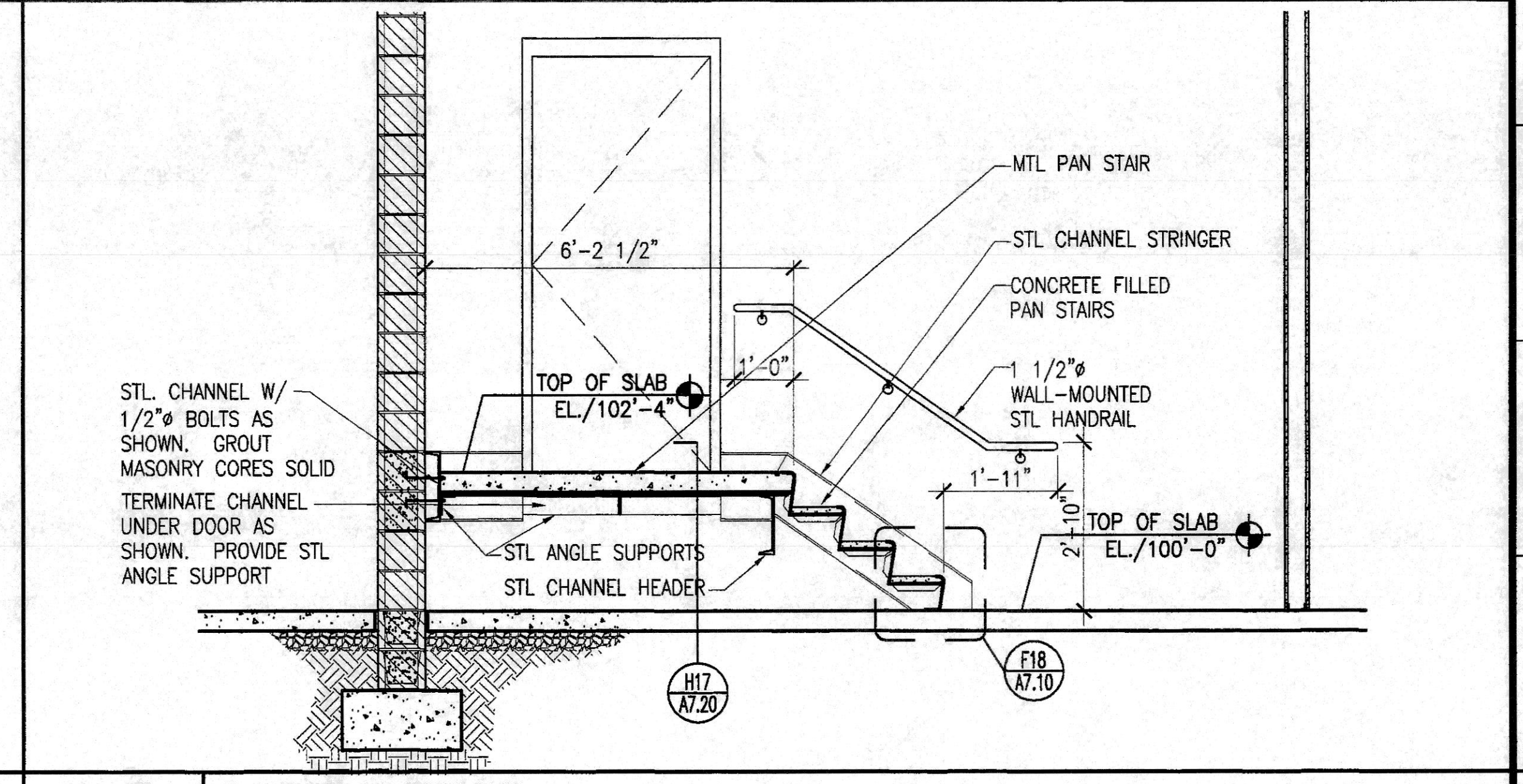
**H1 STAIR SECTION**  
3/4" = 1'-0"



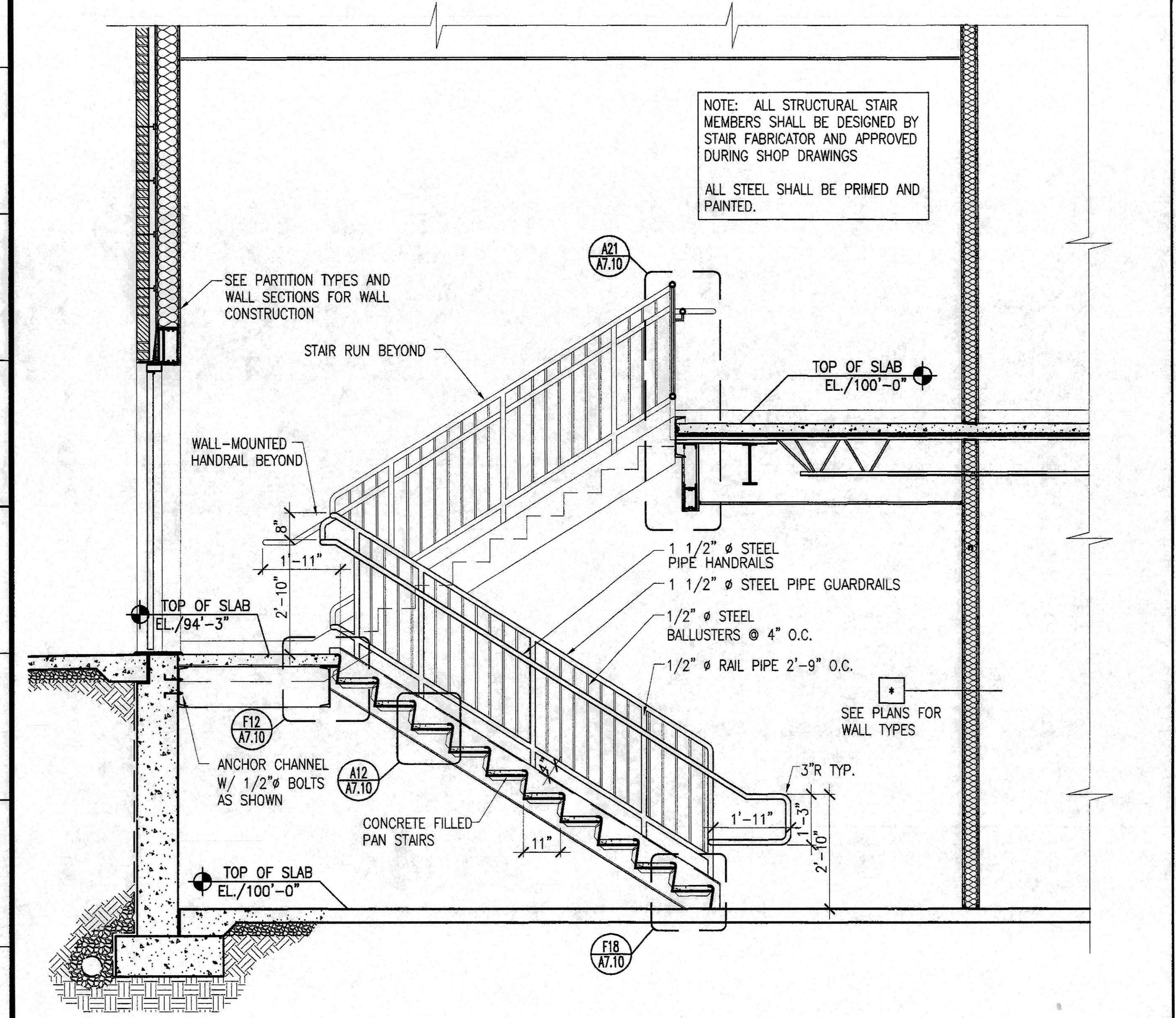
**M12 HANDRAIL DETAILS**  
3/4" = 1'-0"



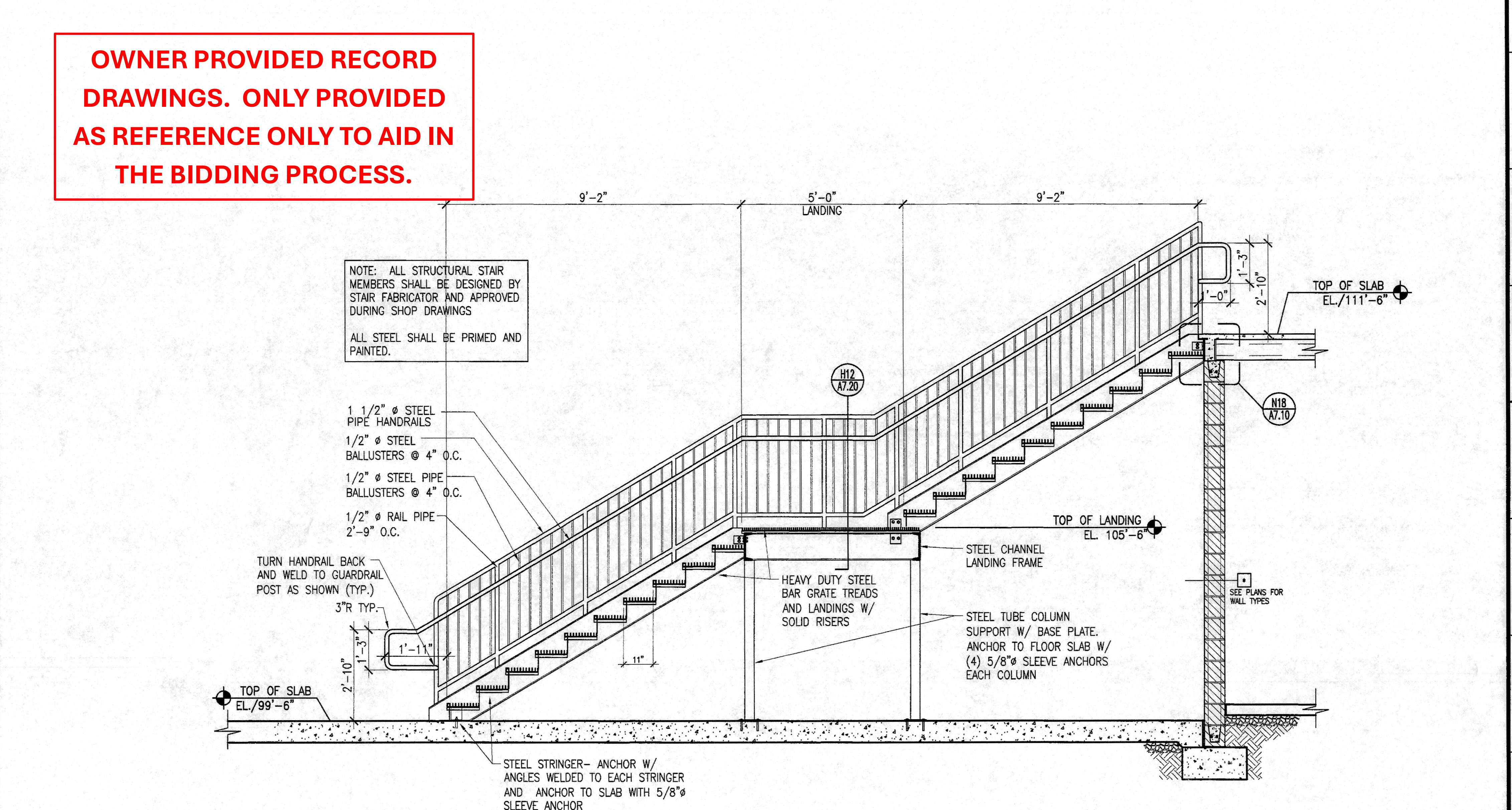
**H12 STAIR DETAIL**  
3/4" = 1'-0"



**H17 STAIR DETAIL**  
3/4" = 1'-0"



**A1 STAIR SECTION**  
1/2" = 1'-0"



**A10 STAIR SECTION**  
1/2" = 1'-0"

**OWNER PROVIDED RECORD DRAWINGS. ONLY PROVIDED AS REFERENCE ONLY TO AID IN THE BIDDING PROCESS.**

PLOT: S:\p\2005\05-0175a\A7.20-A7.20-050175a.dwg  
 PLOTTED: 6-23-06 @ 10:16am  
 VERSION: 16.1s (LMS Tech)

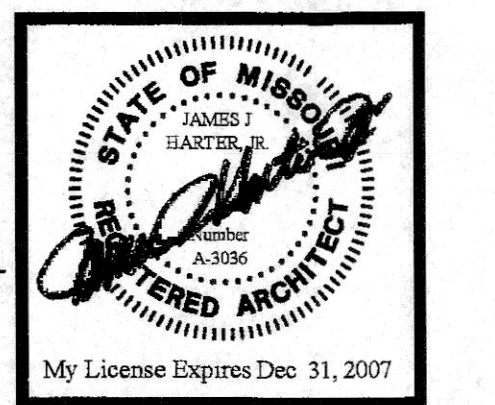
| ISSUANCE NO. | DATE | DESCRIPTION | APPROVED |
|--------------|------|-------------|----------|
|              |      |             |          |

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MT. VERNON  
OAK BROOK  
OPALLOON  
PEORIA  
ILLINOIS

**FCM**  
ARCHITECTS ENGINEERS INC.

| DATE     | DRAWN  | CHECKED | APPROVED |
|----------|--------|---------|----------|
| 06-22-06 | KW/AVG | TEK     | JHR      |

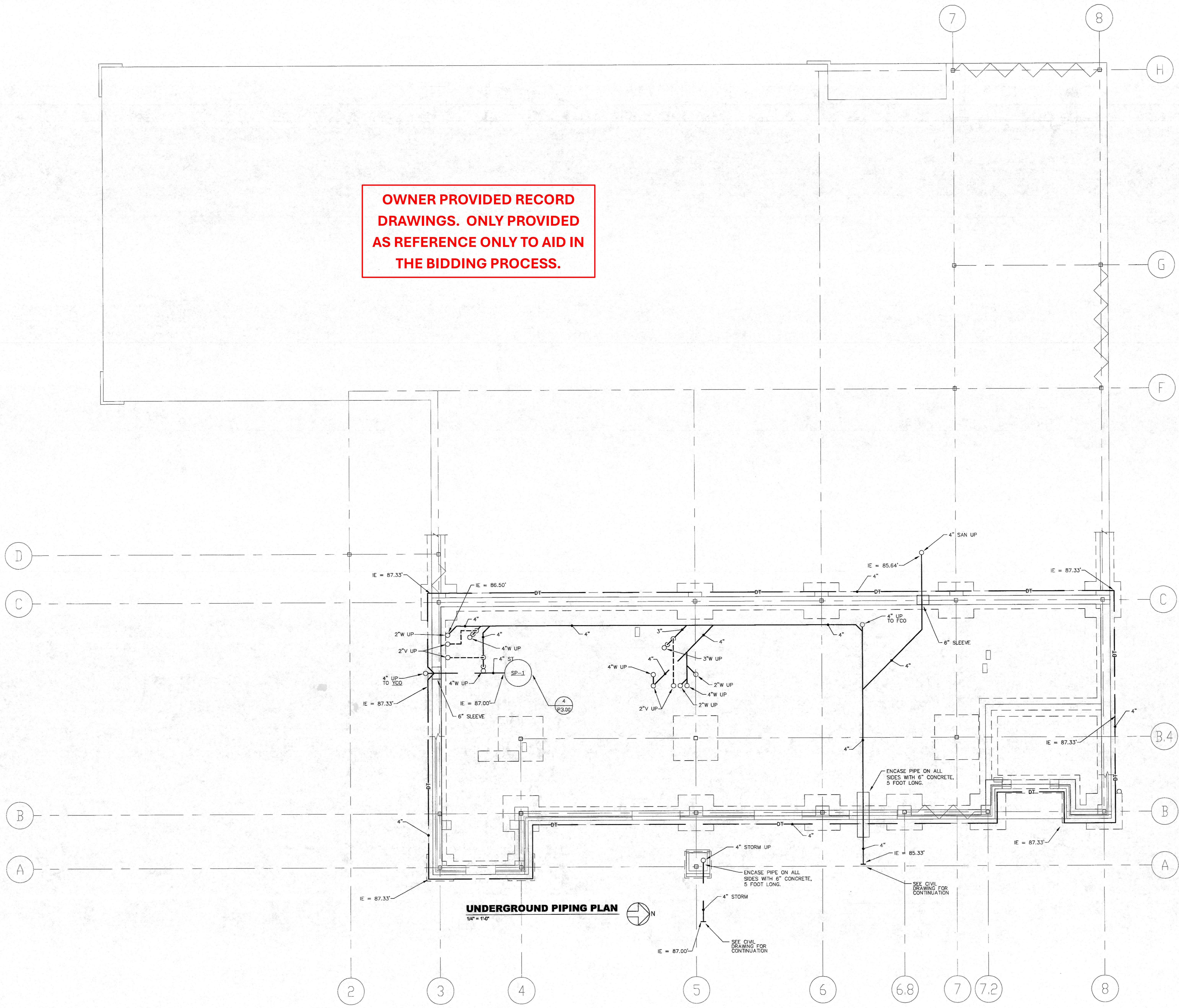
Professional Design Firm  
# 184-000350



**NEW FIRE STATION, ENGINE HOUSE 1, FOR THE COMMUNITY FIRE PROTECTION DISTRICT**  
 OWNER: COMMUNITY F.P.D.  
 9411 MARLOWE ST. LOUIS, MISSOURI 63114  
 PROJECT LOCATION: CHARLES ROCK ROAD 8847 ST. JOHN, MO 63144

JOB NO 05-076.01  
 SHEET NO **A7.20**  
 OF

**OWNER PROVIDED RECORD  
DRAWINGS. ONLY PROVIDED  
AS REFERENCE ONLY TO AID IN  
THE BIDDING PROCESS.**



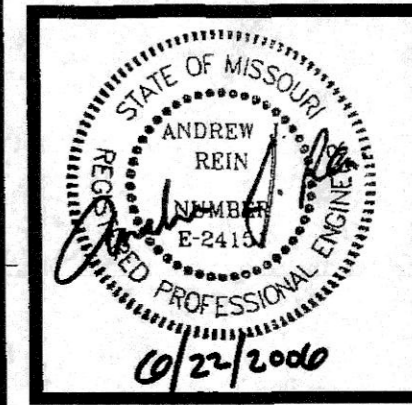
**UNDERGROUND PIPING PLAN**  
1/4" = 1'-0"

| ISSUANCE NO. | DATE | DESCRIPTION                  | APPROVED |
|--------------|------|------------------------------|----------|
| 01-06-06     |      | FLOOR PLANS APPROVED BY CFPD |          |
| 03-15-06     |      | DESIGN DEVELOPMENT SUBMITTAL |          |
| 04-17-06     |      | 35% SUBMITTAL                |          |
| 05-03-06     |      | FLOOR PLAN REVISED           |          |
| 06-09-06     |      | 100% SUBMITTAL               |          |

ALCONQUIN  
MILVERNON  
OAK BROOK  
OF FALLON  
PEORIA  
ARCHITECTS ENGINEERS INC. • ILLINOIS



| DATE     | DRAWN | CHECKED | APPROVED | PROFESSIONAL DESIGNER FIRM # |
|----------|-------|---------|----------|------------------------------|
| 06-22-06 | AHD   | MEL     | AJR      | # 184-000350                 |



**NEW FIRE STATION, ENGINE HOUSE 1, FOR  
THE COMMUNITY FIRE PROTECTION DISTRICT**  
OWNER: COMMUNITY F.P.D.  
841  
ST. LOUIS, MISSOURI 63114

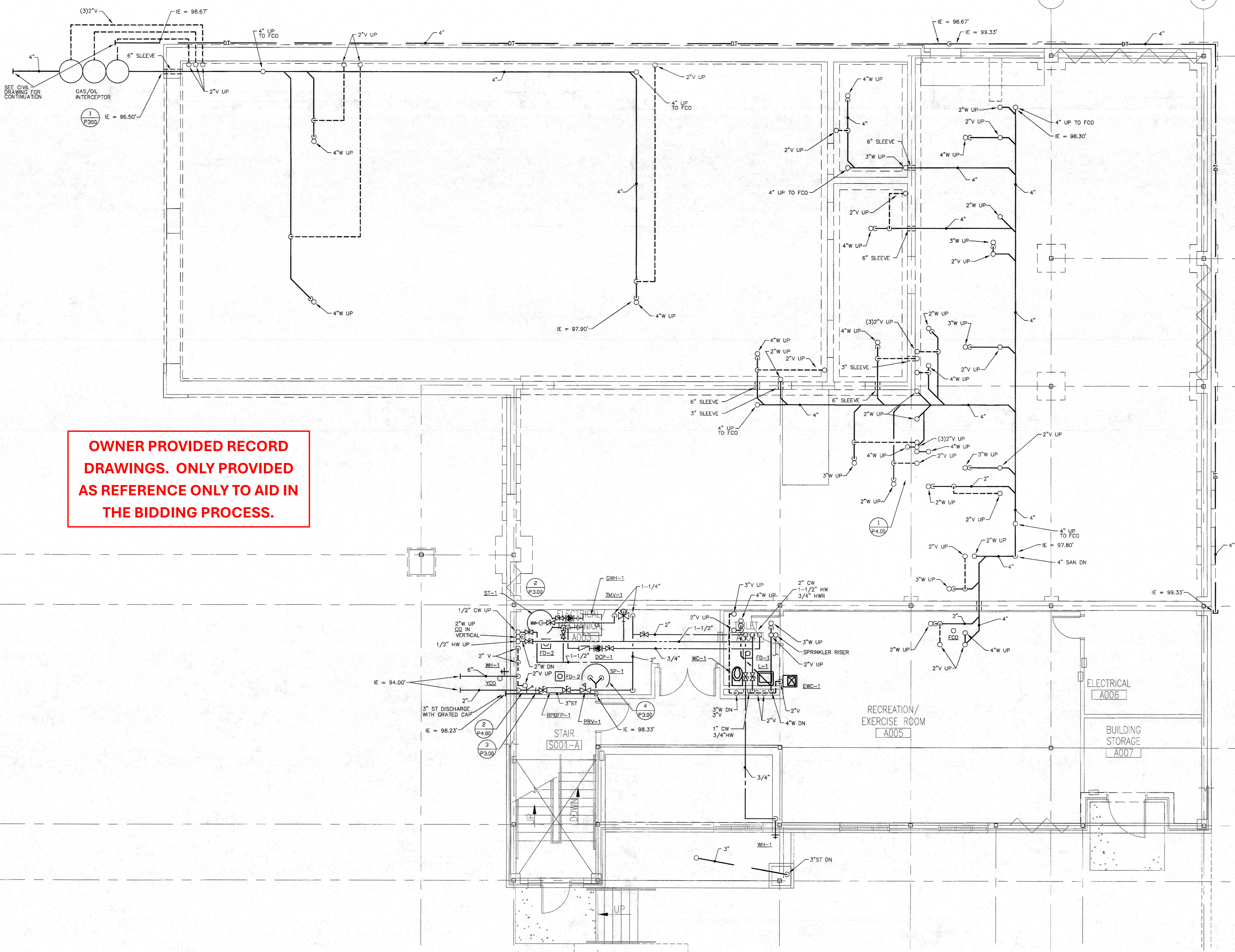
PROJECT LOCATION:  
8847 ST. CHARLES ROCK ROAD  
ST. JOHN, MO 63144

UNDERGROUND PIPING PLAN

JOB NO 05-076.01

SHEET NO  
**P2.00**  
OF

FGM - M:\585-08\Draw\Drawn\VP2-00.dwg  
PLOTED: 6/22/06 @ 11:30am  
Version: 1.24 (US Rev)




**OWNER PROVIDED RECORD DRAWINGS. ONLY PROVIDED AS REFERENCE ONLY TO AID IN THE BIDDING PROCESS.**

**BASEMENT FLOOR PLUMBING PLAN**  
 1/4" = 1'-0" FFE = 88.00'

| ISSUANCE NO. | DATE | DESCRIPTION                  | APPROVED |
|--------------|------|------------------------------|----------|
| 01-06-06     |      | FLOOR PLANS APPROVED BY CPFD |          |
| 03-15-06     |      | DESIGN DEVELOPMENT SUBMITTAL |          |
| 04-17-06     |      | 35% SUBMITTAL                |          |
| 05-03-06     |      | FLOOR PLAN REVISED           |          |
| 06-09-06     |      | 100% SUBMITTAL               |          |

ALCONQUIN  
 MT. VERNON  
 OAK BROOK  
 OF FALLON  
 PEORIA



**FCGM**  
 ARCHITECTS ENGINEERS INC. • ILLINOIS •

| DATE     | DRAWN | CHECKED | APPROVED | PROFESSIONAL DESIGN FIRM                   |
|----------|-------|---------|----------|--------------------------------------------|
| 06-22-06 | AJD   | WEL     | AJR      | FCGM ENGINEERS ARCHITECTS INC. #104-000330 |



**NEW FIRE STATION, ENGINE HOUSE 1, FOR THE COMMUNITY FIRE PROTECTION DISTRICT**  
 OWNER - COMMUNITY F.P.D.  
 9411 MARLOWE ST. LOUIS, MISSOURI 63114

**PROJECT LOCATION**  
 CHARLES ROCK ROAD  
 ST. JOHN, MO 63144

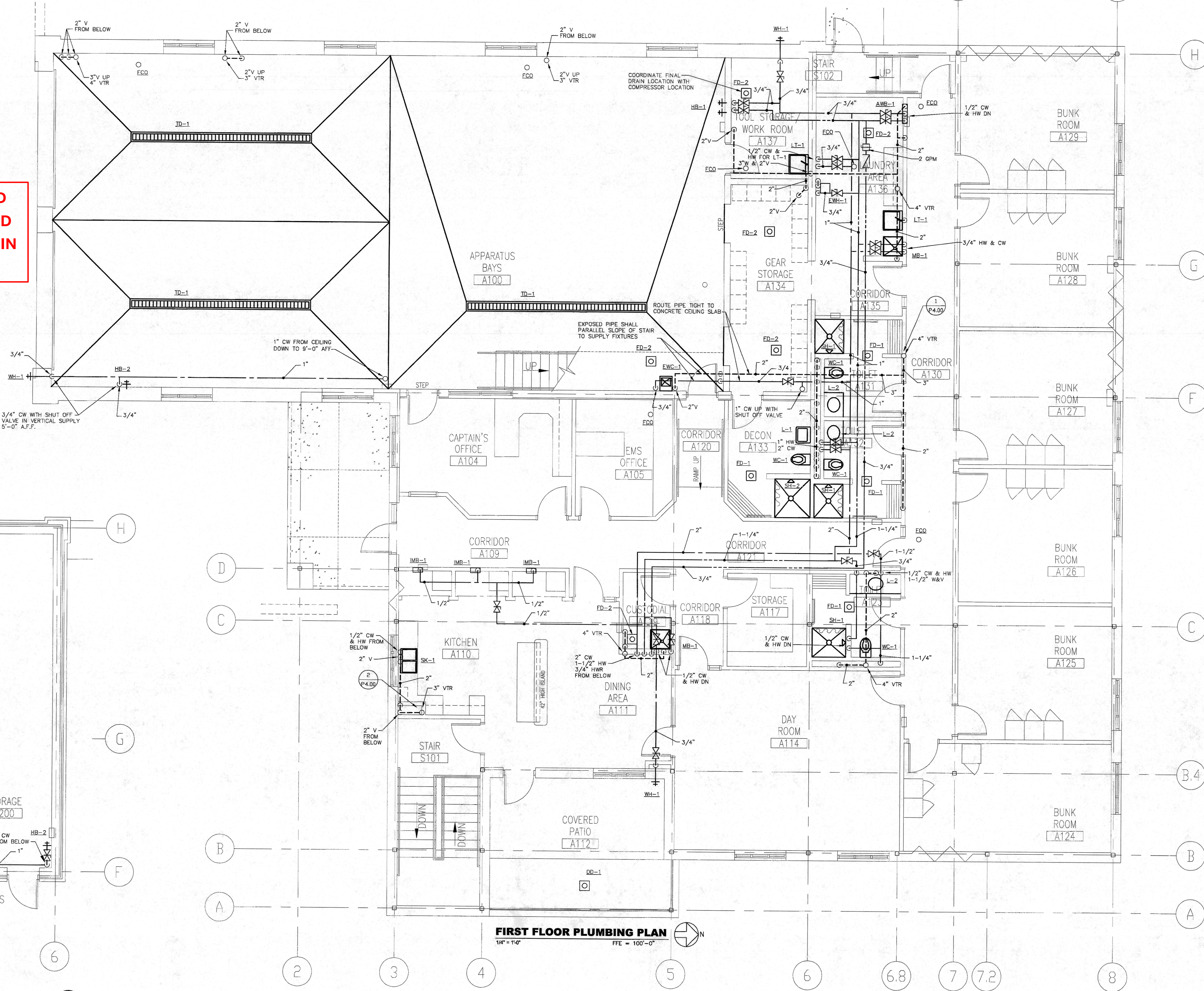
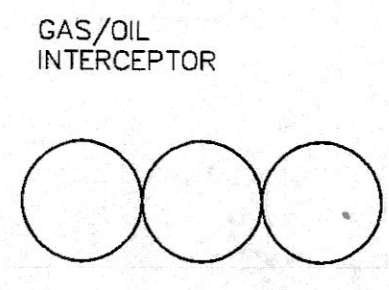
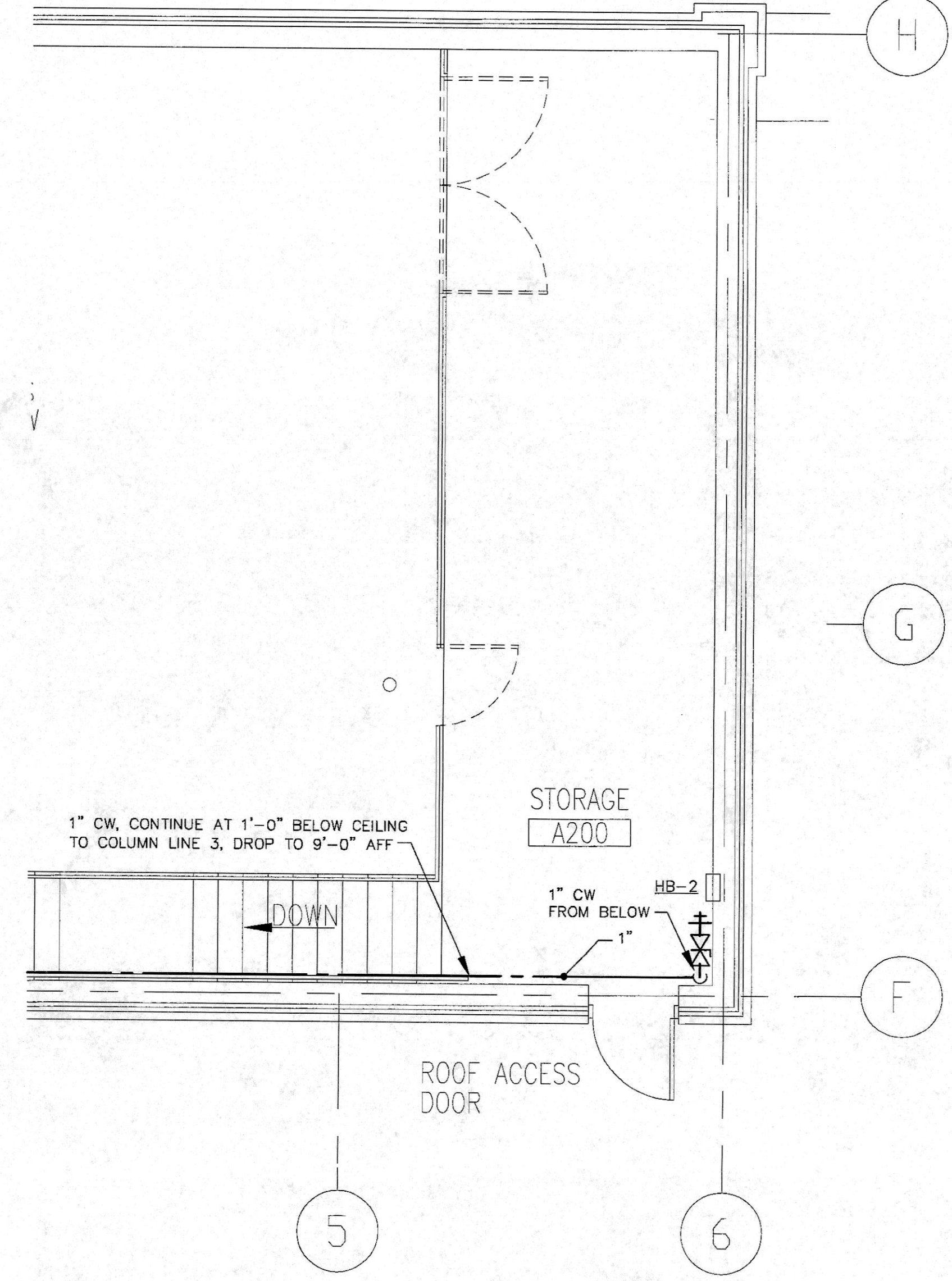
**BASEMENT FLOOR PLUMBING PLAN**

JOB NO 05-0176.01

SHEET NO  
**P2.01**  
 OF

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 PLOTTED: 06-22-06 @ 11:30am  
 VERSION: 16.2z (LMS Tech)

**OWNER PROVIDED RECORD  
DRAWINGS. ONLY PROVIDED  
AS REFERENCE ONLY TO AID IN  
THE BIDDING PROCESS.**



**MEZZANINE PLUMBING PLAN**  
1/4" = 1'-0" FFE = 112'-0"

**FIRST FLOOR PLUMBING PLAN**  
1/4" = 1'-0" FFE = 100'-0"

FGM - M:\SSS-108\Drawings\Plumbing\P2-02.dwg  
 PLOTTED: 05-22-06 @ 11:35am  
 VERSION: 0.2 (MS Tech)

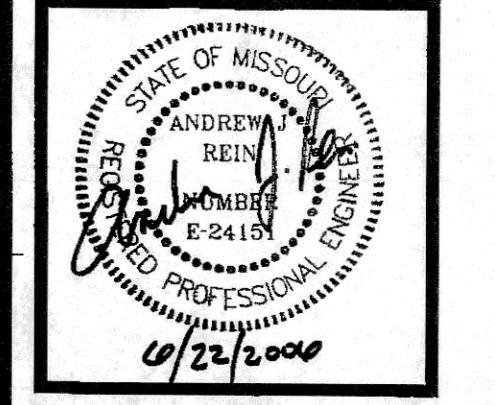
| ISSUANCE NO. | DATE | DESCRIPTION                  | APPROVED |
|--------------|------|------------------------------|----------|
| 01-06-06     |      | FLOOR PLAN APPROVED BY CFPD  |          |
| 03-15-06     |      | DESIGN DEVELOPMENT SUBMITTAL |          |
| 04-17-06     |      | 35% SUBMITTAL                |          |
| 05-03-06     |      | FLOOR PLAN REVISED           |          |
| 06-09-06     |      | 100% SUBMITTAL               |          |

ALCONQUIN  
MT. VERNON  
OAK BROOK  
OF FALLON  
PEORIA

**FCM**  
ARCHITECTS ENGINEERS INC. • ILLINOIS

| DATE     | DRAWN | CHECKED | APPROVED |
|----------|-------|---------|----------|
| 06-22-06 | AND   | MEL     | AIR      |

Professional Design Firm  
# 104-000330



**NEW FIRE STATION, ENGINE HOUSE 1, FOR  
THE COMMUNITY FIRE PROTECTION DISTRICT**  
 OWNER: COMMUNITY F.P.D.  
 9411 MARLOWE  
 ST. LOUIS, MISSOURI 63114

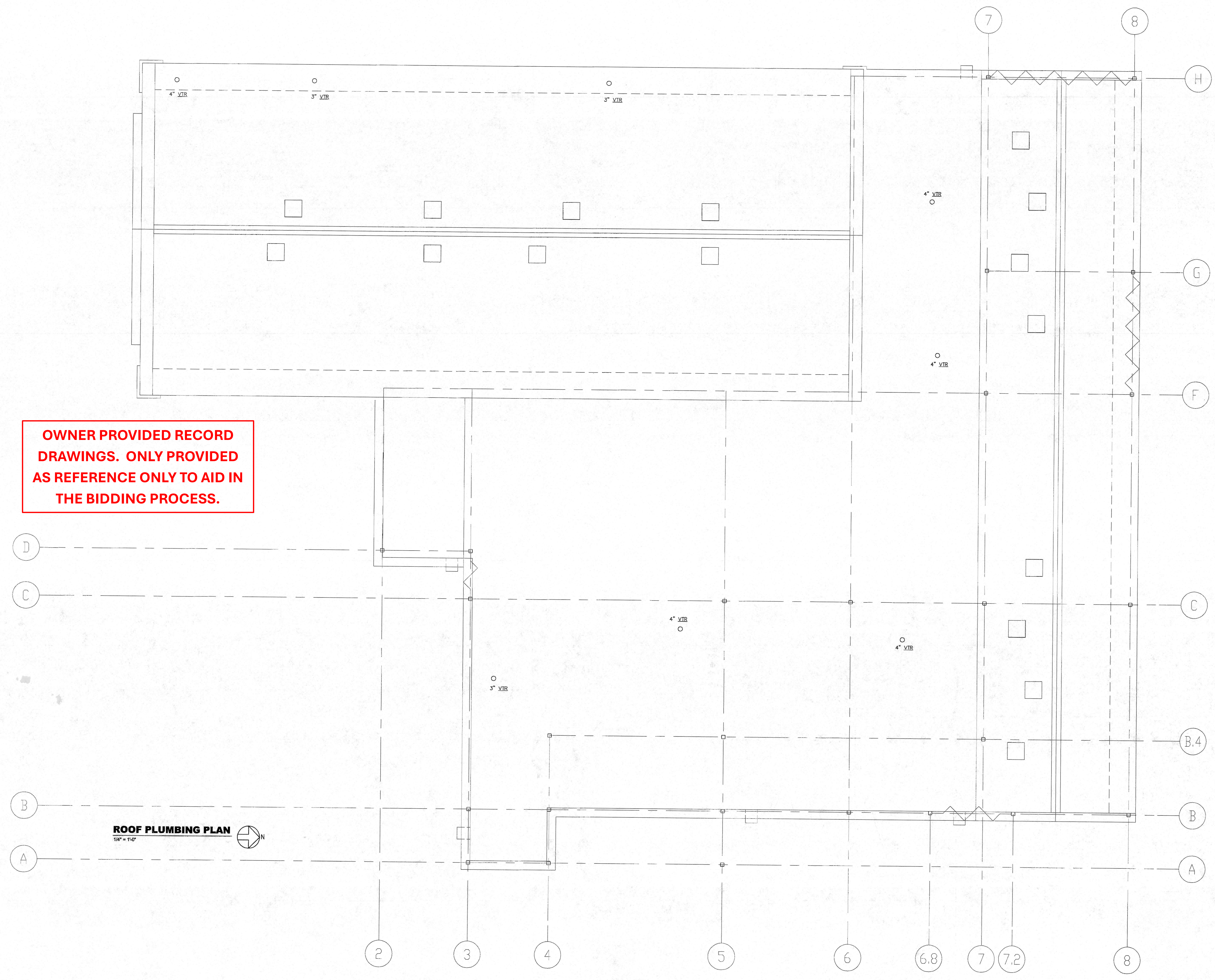
**FIRST FLOOR PLUMBING PLAN**

JOB NO 05-07601

SHEET NO  
**P2.02**  
OF

**OWNER PROVIDED RECORD  
DRAWINGS. ONLY PROVIDED  
AS REFERENCE ONLY TO AID IN  
THE BIDDING PROCESS.**

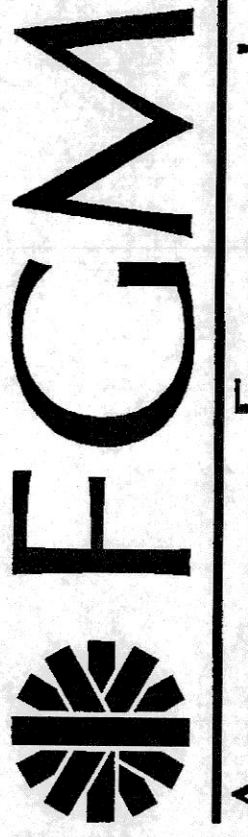
**ROOF PLUMBING PLAN**  
1/4" = 1'-0"



FGM - W:\985-108\CA\Plan\VP2-03.dwg  
PLOTTER: 6-22-06 @ 11:35am  
VERSION: 16.26 (LMS Tech)

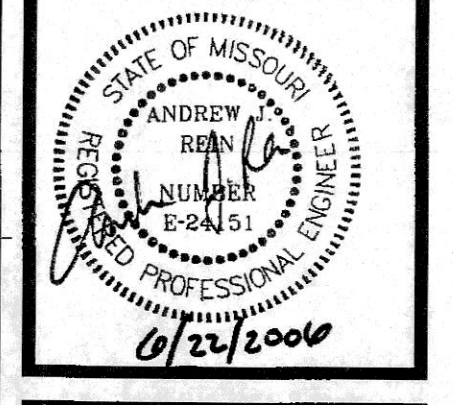
| ISSUANCE NO. | DATE  | DESCRIPTION                  | APPROVED |
|--------------|-------|------------------------------|----------|
| 01           | 06-06 | FLOOR PLANS APPROVED BY CPD  |          |
| 03           | 15-06 | DESIGN DEVELOPMENT SUBMITTAL |          |
| 04           | 17-06 | 35% SUBMITTAL                |          |
| 05           | 03-06 | FLOOR PLAN REVISED           |          |
| 06           | 09-06 | 100% SUBMITTAL               |          |

ALCONQUIN  
MT. VERNON  
OAK BROOK  
OF FALLON  
PEORIA  
ARCHITECTS ENGINEERS INC. • ILLINOIS



| DATE     | DATE     | BY       | BY  |
|----------|----------|----------|-----|
| 06-22-06 | 06-22-06 | AND      | MEL |
|          |          | CHECKED  | AJR |
|          |          | APPROVED |     |

Professional Design Firm  
# 184-000350



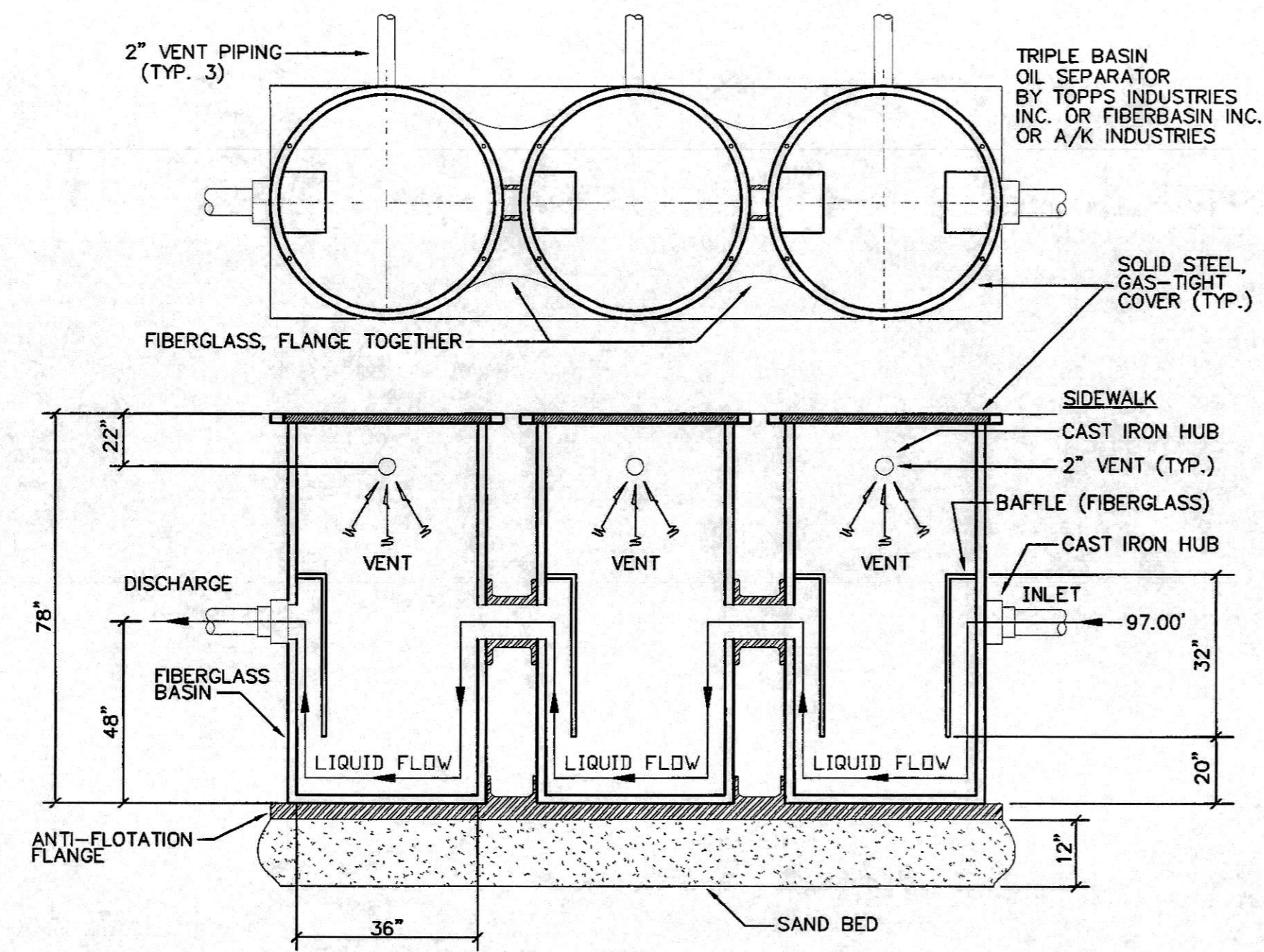
**NEW FIRE STATION, ENGINE HOUSE 1, FOR  
THE COMMUNITY FIRE PROTECTION DISTRICT**  
OWNER - COMMUNITY F.P.D.  
9411 MARLOWE  
ST. LOUIS, MISSOURI 63114

PROJECT LOCATION:  
8847  
ST. CHARLES ROCK ROAD  
ST. JOHN, MO 63144

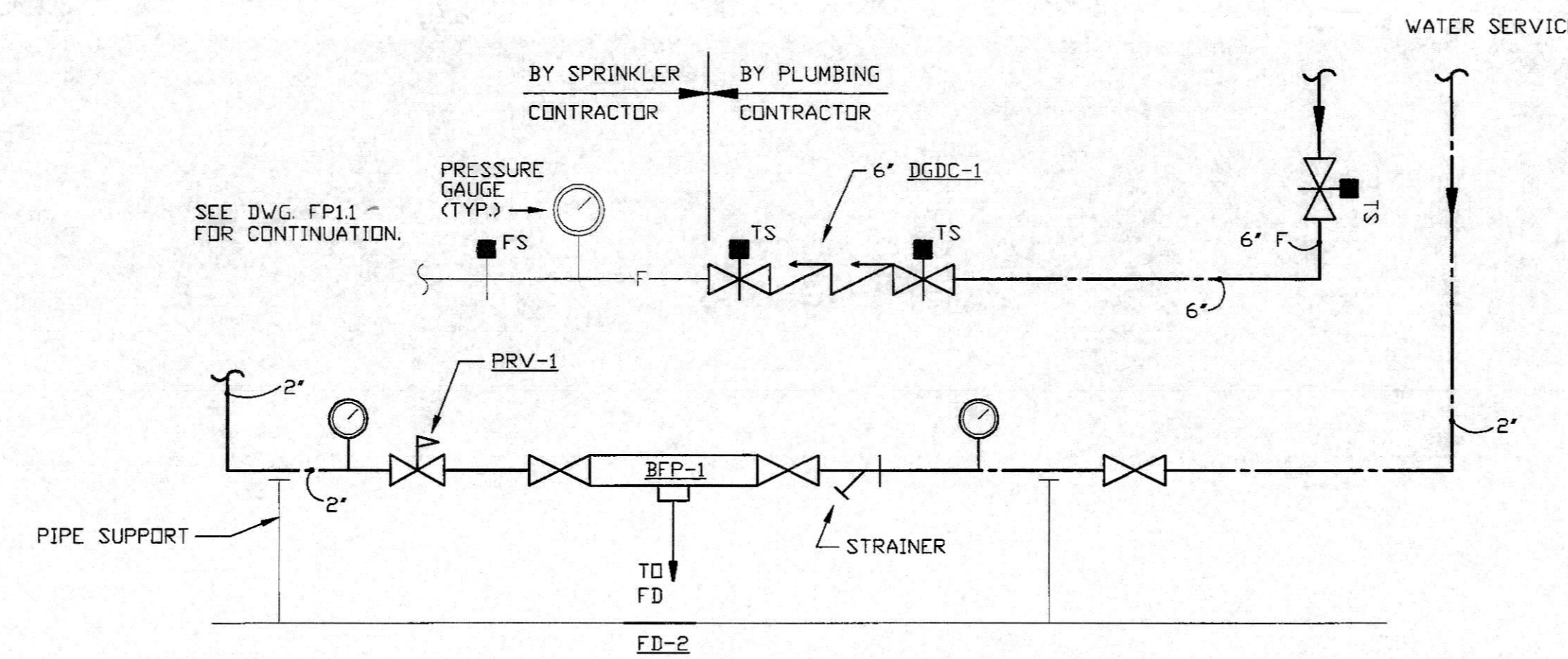
ROOF PLUMBING PLAN

JOB NO 05-076.01

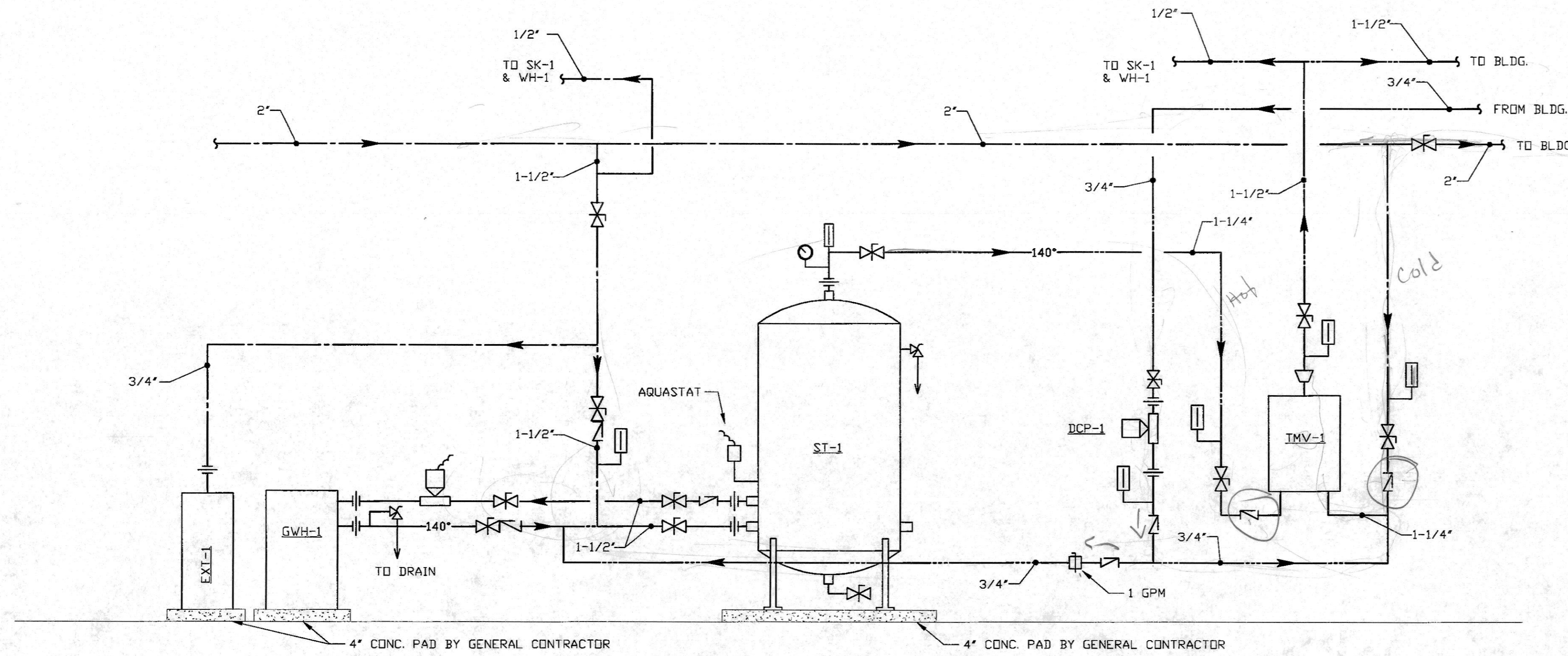
SHEET NO  
**P2.03**  
OF



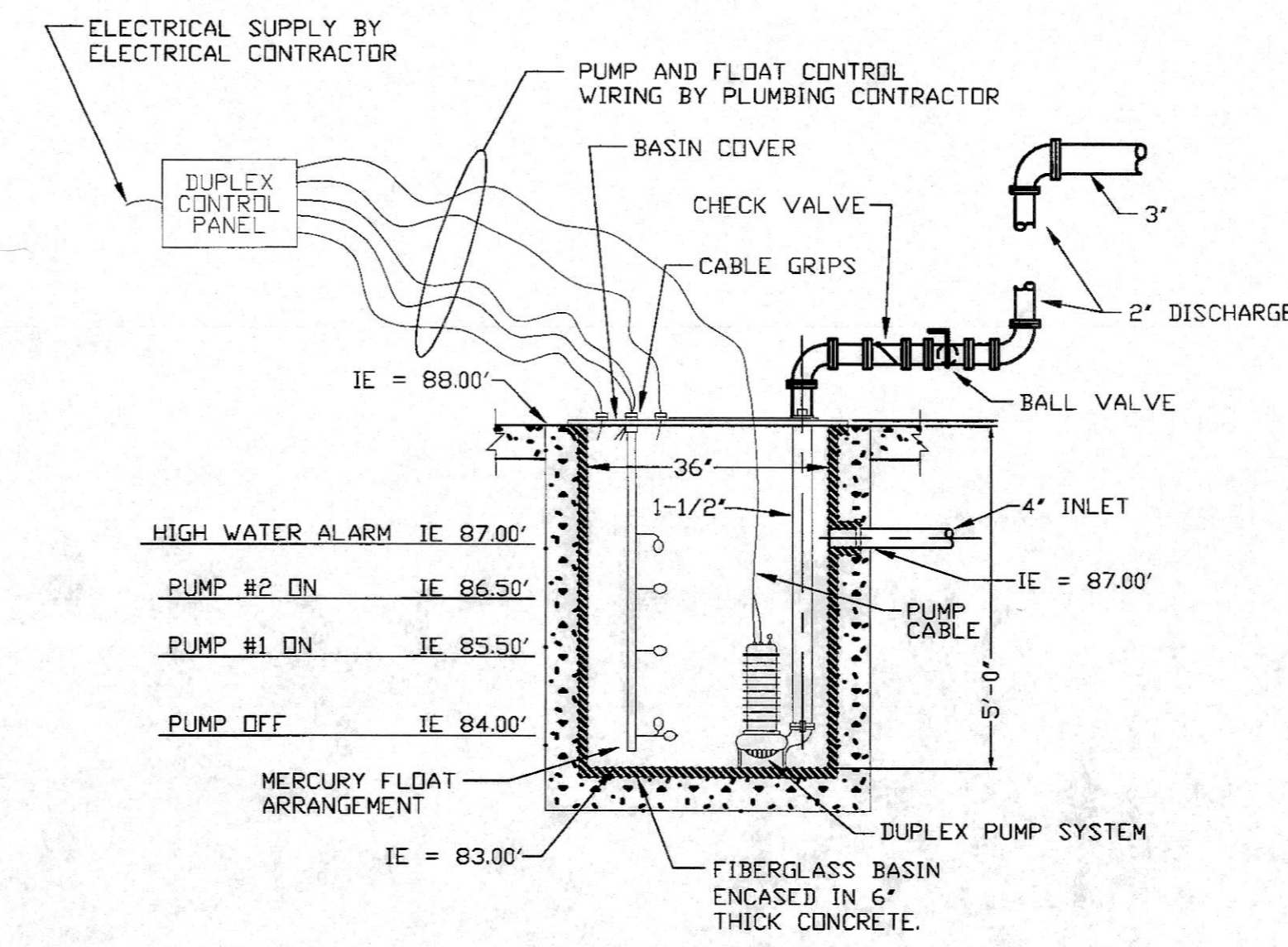
1 GAS/OIL INTERCEPTOR  
P3.00 NO SCALE



3 INCOMING WATER SERVICE  
P3.00 NO SCALE



2 WATER HEATER DIAGRAM  
P3.00 NO SCALE



4 SUMP PUMP DETAIL (SP-1)  
P3.00 NO SCALE

**PLUMBING SYMBOLS & ABBREVIATIONS**

|      |                                   |
|------|-----------------------------------|
| ---  | SANITARY SEWER (W)                |
| ---- | VENT (V)                          |
| ---- | COLD WATER                        |
| ---- | HOT WATER (115)                   |
| ---- | HOT WATER (140)                   |
| ---- | HOT WATER RETURN                  |
| ---- | 140° HOT WATER RETURN             |
| ---- | STORM SEWER                       |
| ---- | DRAIN TILE                        |
| ---- | BALL VALVE                        |
| ○    | FIXTURE TRAP                      |
| FD   | FLOOR DRAIN                       |
| FS   | FLOOR SINK                        |
| WFB  | WASTE FROM BELOW                  |
| CO   | CLEANOUT                          |
| VFB  | VENT FROM BELOW                   |
| FOO  | FLOOR CLEANOUT                    |
| EMH  | ELECTRIC WATER HEATER             |
| GMH  | GAS WATER HEATER                  |
| TMV  | MIXING VALVE                      |
| DCP  | DOMESTIC CIRCULATING PUMP         |
| IMB  | ICE MAKER BOX                     |
| BFP  | BACKFLOW PREVENTER                |
| EXT  | EXPANSION TANK                    |
| WH   | WALL HYDRANT                      |
| HB   | HOSE BIB                          |
| VTR  | VENT THRU ROOF                    |
| WOC  | WALL CLEANOUT                     |
| □    | FLOOR DRAIN                       |
| ∇    | CHECK VALVE                       |
| ⊕    | BALANCING VALVE                   |
| ⊕    | PRESSURE/TEMPERATURE RELIEF VALVE |
|      | UNION                             |

**ISSUANCE**

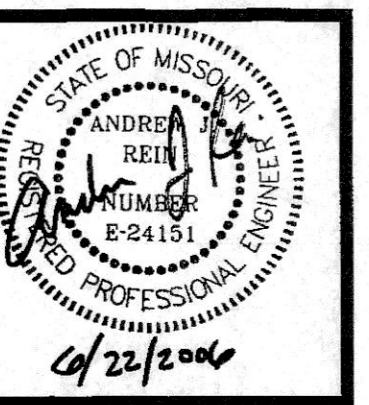
| NO.      | DATE | DESCRIPTION                  | APPROVED |
|----------|------|------------------------------|----------|
| 01-06-06 |      | FLOOR PLANS APPROVED BY CFD  |          |
| 03-15-06 |      | DESIGN DEVELOPMENT SUBMITTAL |          |
| 04-17-06 |      | 35% SUBMITTAL                |          |
| 05-03-06 |      | FLOOR PLAN REVISED           |          |
| 06-09-06 |      | 100% SUBMITTAL               |          |

ALCONQUIN  
MT. VERNON  
OAK-BROOK  
O'FALLON  
PEORIA  
ILLINOIS

**FGM**  
ARCHITECTS ENGINEERS INC.

DATE: 06-22-06  
DRAWN: AHD  
CHECKED: MEL  
APPROVED: AJP

Professional Design Firm  
# 104-000350



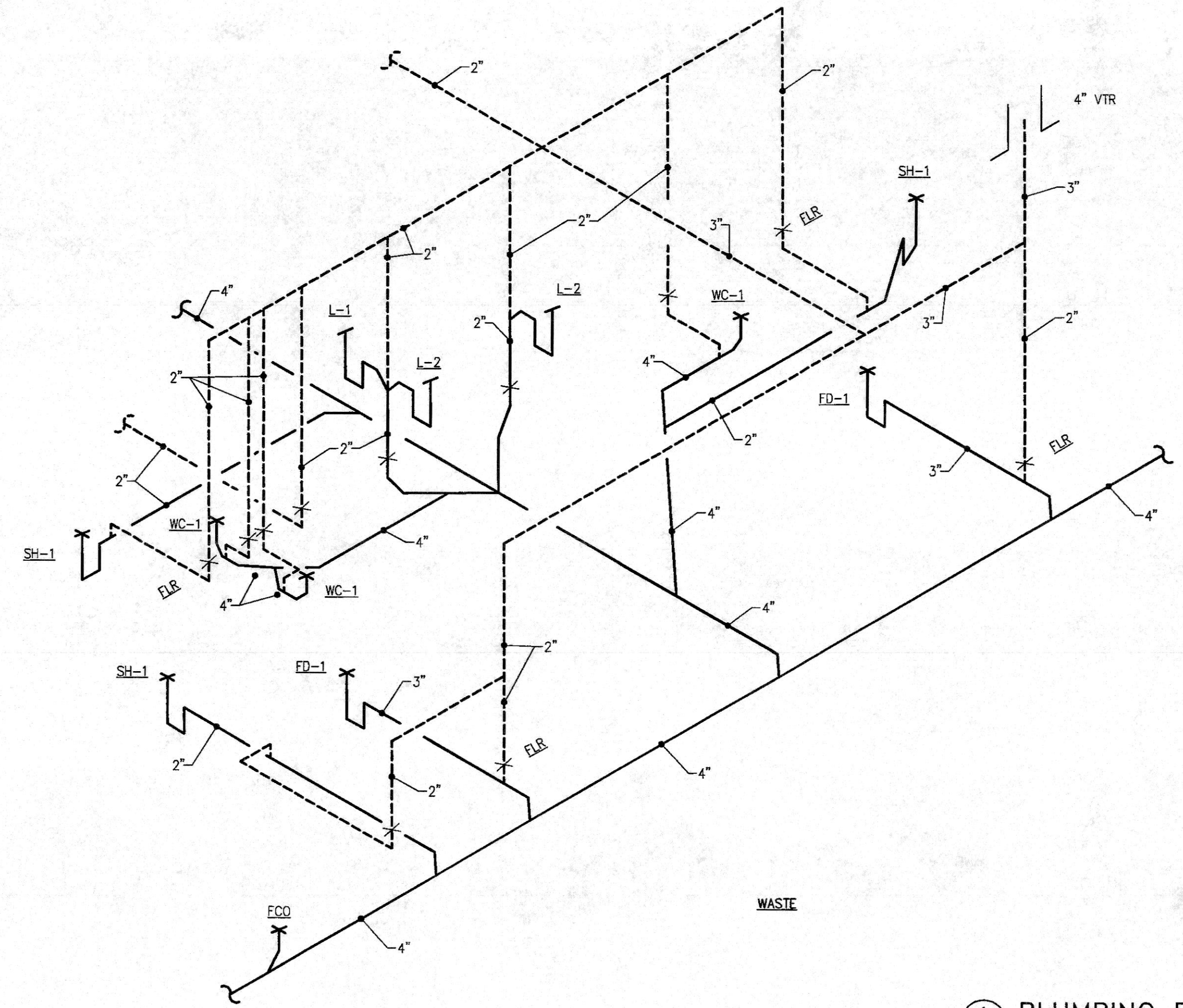
**NEW FIRE STATION, ENGINE HOUSE 1, FOR THE COMMUNITY FIRE PROTECTION DISTRICT**  
OWNER - COMMUNITY F.P.D.  
9411 MARLOWE  
ST. LOUIS, MISSOURI 63114

PLUMBING DETAILS AND ABBREVIATIONS

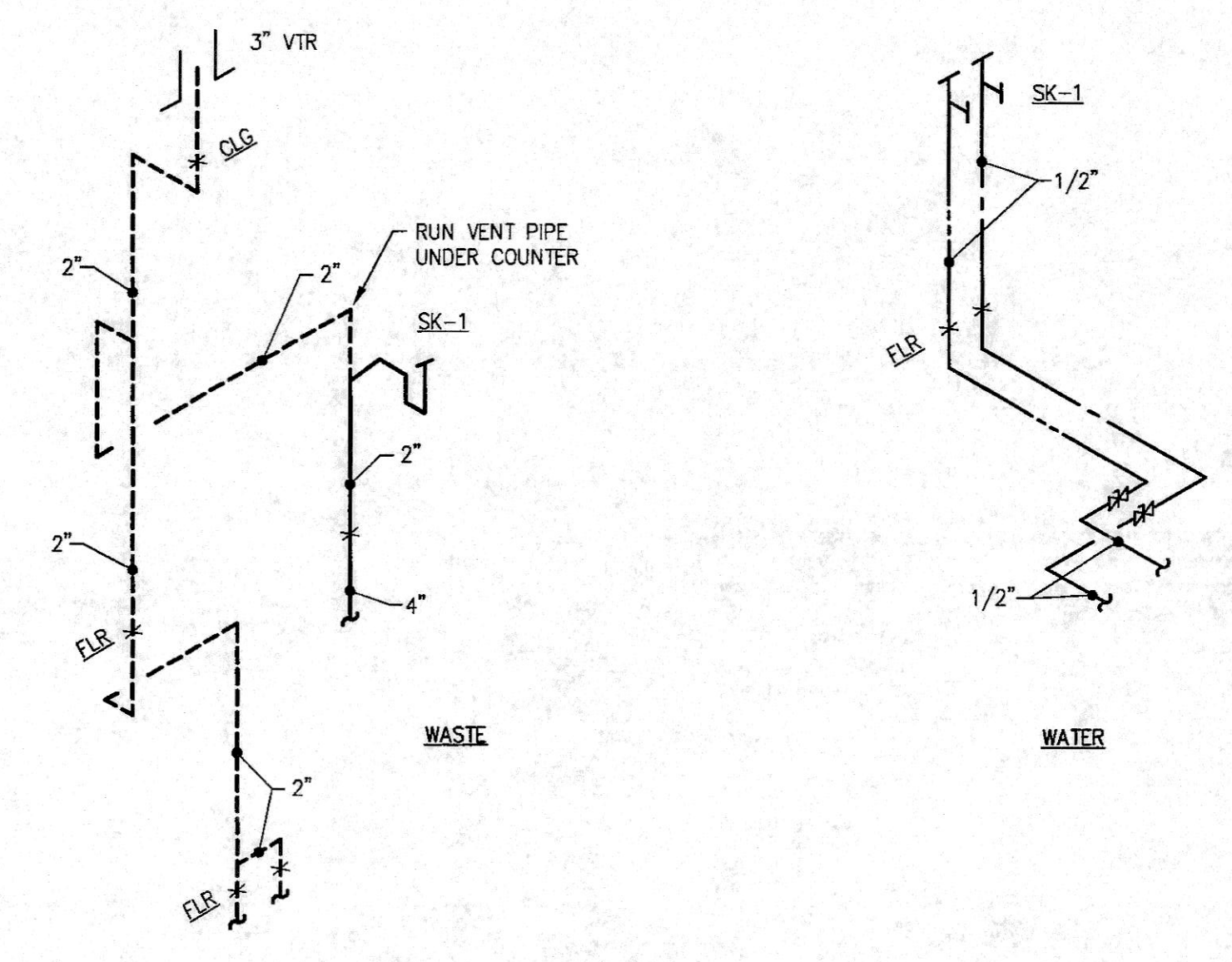
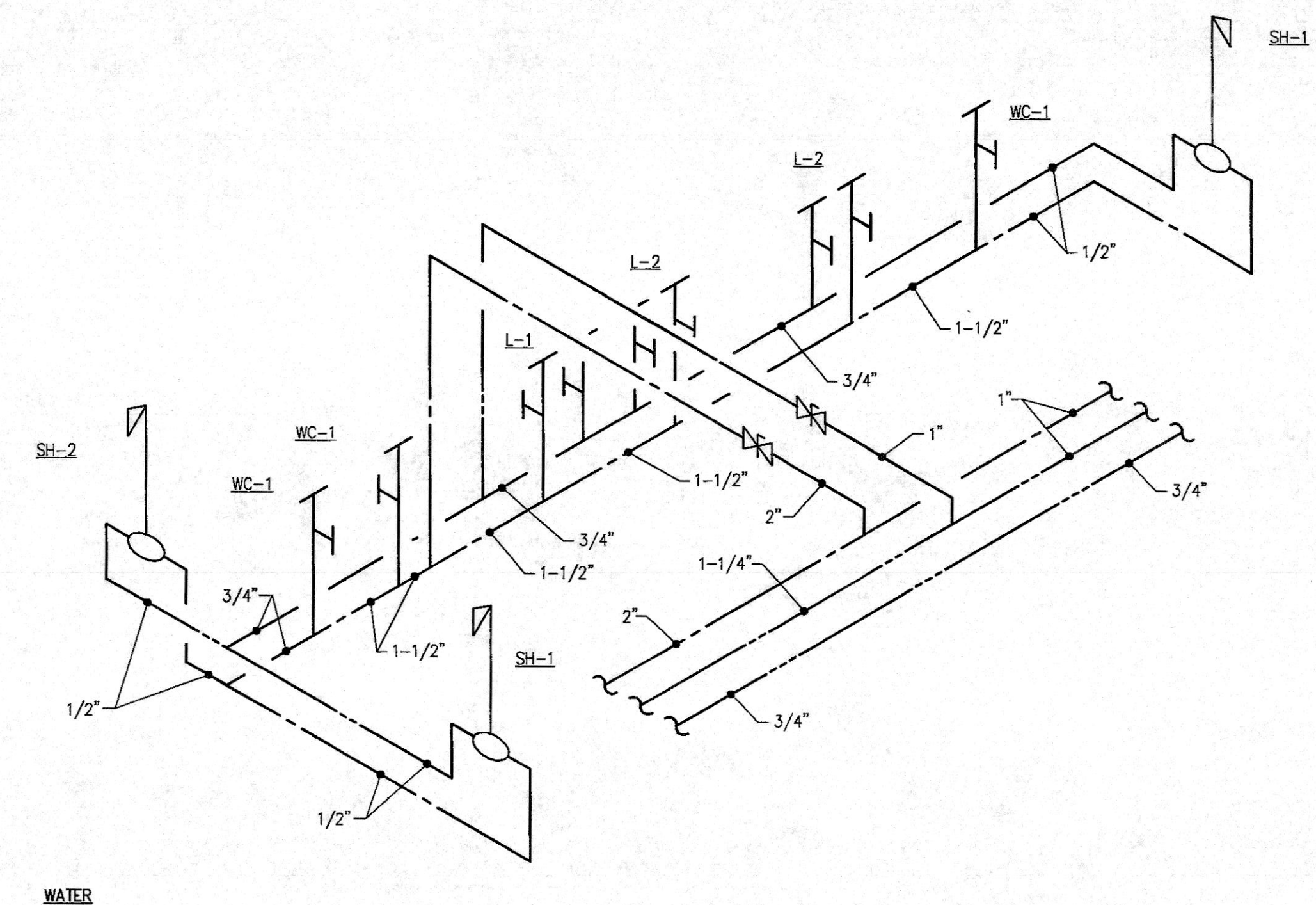
JOB NO. 05-076.01

SHEET NO  
**P3.00**  
OF

**OWNER PROVIDED RECORD DRAWINGS. ONLY PROVIDED AS REFERENCE ONLY TO AID IN THE BIDDING PROCESS.**



1 PLUMBING RISER  
 P4.00 NO SCALE



2 PLUMBING RISER  
 P4.00 NO SCALE

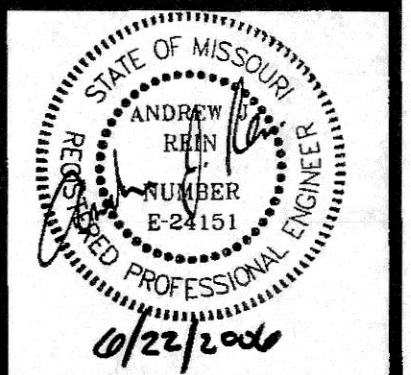
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ALCONQUIN  
 MT. VERNON  
 OAK BROOK  
 OPALLOON  
 PEORIA

ARCHITECTS ENGINEERS INC. • ILLINOIS

|                          |              |
|--------------------------|--------------|
| DATE                     | 06-22-06     |
| DRAWN                    | AHD          |
| CHECKED                  | MEL          |
| APPROVED                 | AIR          |
| Professional Design Firm | # 164-000350 |



**NEW FIRE STATION, ENGINE HOUSE 1, FOR  
 THE COMMUNITY FIRE PROTECTION DISTRICT**  
 OWNER: COMMUNITY F.P.D.  
 9411 W. BRIDGE  
 ST. LOUIS, MISSOURI 63114

PROJECT LOCATION: ROCK ROAD  
 ST. JOHN, MO 63144

PLUMBING RISER DIAGRAMS

JOB NO 05-07601

SHEET NO  
**P4.00**  
 OF