



**ADDENDUM #2**  
**ITB/RFP NUMBER: 2023006-FD-B**  
**Additions to Fire Stations #2 & #3 ITB**

DATE: August 22, 2022

TO: All Potential Bidders/Offerors

City of Harrisonburg's ITB, is modified as follows:

On August 18, 2022 at 10:00am local time a non-mandatory pre-bid meeting was held for the above-referenced solicitation. Attached and made part of this addendum is the sign-in sheet from this meeting. Below are highlights, clarifications and questions and answers from the pre-bid meeting.

**Bidders should take note of the revised Bid Form (0300) and the additional building drawings attached herein.**

1. Question: Does the sprinkler pipe need to be painted?

Answer: Sprinkler pipe will need to be painted in the interior living space.

2. Question: Does the sprinkler pipe painting need to be estimated with the "Buildings" base bid or the "Sprinkler Systems" base bid?

Answer: Sprinkler pipe painting will need to be estimated in the "Sprinkler Systems" base bid.

3. Question: Will building permits be waived?

Answer: Yes, there will be NO permit fees.

4. Question: Are there any drawings of the existing buildings available?

Answer: Drawings of the existing buildings are included at the end of this addendum.

All other requirements, terms and conditions of the ITB/RFP remain unchanged.

Addendum page must be signed and returned with your bid/proposal to acknowledge receipt of this addendum.

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Authorized Signature

By: Shane B. Smith  
Procurement Manager



# NON-MANDATORY PRE-BID MEETING SIGN-IN SHEET

City of Harrisonburg, Virginia

Additions to Fire Stations #2 & #3

August 18, 2022 at 10:00am

**NOTE: EACH PERSON PRESENT FROM A COMPANY SHOULD SIGN IN SEPARATELY.**

Company Name: Nielsen General Contractor  Subcontractor  Supplier

Address: 3588 Early Road Urbans VA 22801

Telephone Number: 540-434-7376 Fax Number: \_\_\_\_\_

Attendee Name: Matt Hulvey, Derrick Walling Email: mhulvey@nielsen-inc.com

Company Name: Lantz Construction General Contractor  Subcontractor  Supplier

Address: 539 S. Main St. Broadway VA 22815

Telephone Number: 540-896-8911 Fax Number: \_\_\_\_\_

Attendee Name: Will Tinnell / Aaron Reed Email: wtinnell@lantzcc.com

Company Name: Sustainable Solutions General Contractor  Subcontractor  Supplier

Address: 1583 CF Pours Dr. Harrisonburg, VA

Telephone Number: 540-433-8001 Fax Number: \_\_\_\_\_

Attendee Name: Melissa Rush Email: \_\_\_\_\_

Company Name: MATHER ARCHITECTS General Contractor  Subcontractor  Supplier

Address: 37 PAUL ST. HARRISONBURG, VA

Telephone Number: 540-442-1460 Fax Number: \_\_\_\_\_

Attendee Name: FRED RIDDER Email: fred@matherarchitects.com

Company Name: Harrisonburg Construction General Contractor  Subcontractor  Supplier

Address: 3011 John Wyzland Hwy. Dzybo VA 22821

Telephone Number: 540/434-9560 Fax Number: 540/442-7190

Attendee Name: Chris Stoneman Email: chrisharrisonburgconstruction.com

Company Name: Swift Run Construction General Contractor  Subcontractor  Supplier

Address: 115 Bear Mountain Lane, Elkton, VA 22827

Telephone Number: 540-820-5647 Fax Number: \_\_\_\_\_

Attendee Name: Chris Seal / Mark Swisher Email: swifttrunconstruction@gmail.com



# NON-MANDATORY PRE-BID MEETING SIGN-IN SHEET

City of Harrisonburg, Virginia

### Additions to Fire Stations #2 & #3

August 18, 2022 at 10:00am

**NOTE: EACH PERSON PRESENT FROM A COMPANY SHOULD SIGN IN SEPARATELY.**

Company Name: HPH General Contractor ( ) Subcontractor ( ) Supplier ( )

Address: \_\_\_\_\_

Telephone Number: 540-236-8587 Fax Number: \_\_\_\_\_

Attendee Name: Zach Hinch Email: zachary.hinch@harrisonburgva.gov

Company Name: Public Works - COH General Contractor ( ) Subcontractor ( ) Supplier ( )

Address: \_\_\_\_\_

Telephone Number: 540-810-6692 Fax Number: \_\_\_\_\_

Attendee Name: Jason Ward Email: jason.ward@harrisonburgva.gov

Company Name: PUBLIC WORKS General Contractor ( ) Subcontractor ( ) Supplier ( )

Address: \_\_\_\_\_

Telephone Number: 540-476-3039 Fax Number: \_\_\_\_\_

Attendee Name: ANDY POWELL Email: ANDY.POWELL@HARRISONBURGVA.GOV

Company Name: HFD General Contractor ( ) Subcontractor ( ) Supplier ( )

Address: \_\_\_\_\_

Telephone Number: 540-432-7703 Fax Number: \_\_\_\_\_

Attendee Name: MIKE ARMSTRONG Email: MIKE.ARMSTRONG@HARRISONBURGVA.GOV

Company Name: HFD General Contractor ( ) Subcontractor ( ) Supplier ( )

Address: \_\_\_\_\_

Telephone Number: 540-432-7703 Fax Number: \_\_\_\_\_

Attendee Name: MIKE BRADY Email: MIKE.BRADY@HARRISONBURGVA.GOV

Company Name: \_\_\_\_\_ General Contractor ( ) Subcontractor ( ) Supplier ( )

Address: \_\_\_\_\_

Telephone Number: \_\_\_\_\_ Fax Number: \_\_\_\_\_

Attendee Name: \_\_\_\_\_ Email: \_\_\_\_\_

**0300 BID FORM - REVISED**

The undersigned, having visited and examined the site and having carefully studied the drawings and specifications, hereby proposes to furnish all labor, equipment, materials, and services and to perform all operations necessary to execute and complete the work required for the project in strict accordance with the ITB and with any addenda issued during bidding period and hereby acknowledged subject to the terms and conditions of the Agreement for the following sums of money:

**BASE BID #1 (Buildings)**

All labor, material, services and equipment necessary for the completion of the building additions as shown on the Drawings and in the Project Manual and in the Addenda (if issued). ).

\_\_\_\_\_ (\$ \_\_\_\_\_ )

**BASE BID #2 (Sprinkler systems)**

All labor, material, services and equipment necessary for the completion of the NFPA-13 sprinkler systems for the associated buildings shown on the Drawings and in the Project Manual and in the Addenda (if issued), including, but not limited to painting of the sprinkler pipes as indicated on the drawings.

\_\_\_\_\_ (\$ \_\_\_\_\_ )

Bidding on only Base Bid #1 or Base Bid #2 alone will not be accepted. Both bids must be submitted in order to be considered.

These bids submitted by (name of firm): \_\_\_\_\_

It is understood and agreed that the Owner, in protecting his best interests, reserves the right to:

Reject any and all bids, or waive any defects in favor of the City

Or

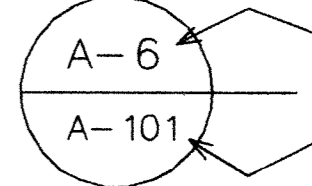



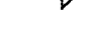
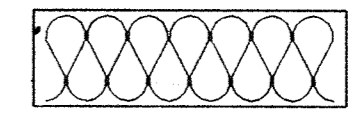
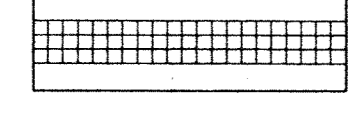
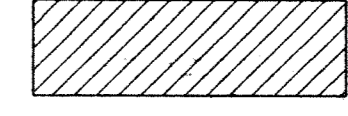
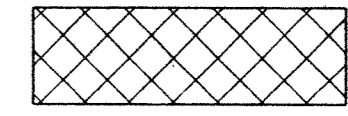
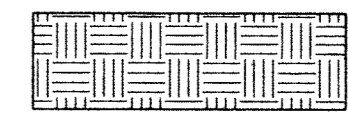
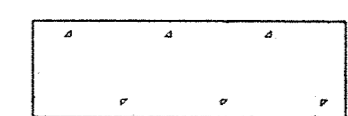


Accept any bid at the bid price, whereupon the contractor shall furnish equipment and materials as specified.

Contractors shall indicate a unit price for each item listed in the Pay Items Summary which follows. The listed pay items are to contain all necessary costs required for completion of the work. It is understood that all quantities listed below are estimated quantities and the Owner reserves the right to raise, lower or eliminate any quantity or item. Unit prices shall be used in determining partial and full payment.

***\*Complete & return this document with bid submission.\****

# AN ADDITION TO FIRE STATION NO. 2 FOR THE CITY OF HARRISONBURG HARRISONBURG VIRGINIA

## SYMBOLS USED

-  DETAIL IDENTIFICATION AND LOCATION OF DETAIL ON SHEET SHEET WHERE DETAIL IS SHOWN
-  DOOR IDENTIFICATION SYMBOL
-  WINDOW IDENTIFICATION SYMBOL
-  OPENING IDENTIFICATION SYMBOL
-  INTERIOR ELEVATION VIEW
-  FIBERGLASS INSULATION
-  RIGID INSULATION
-  BRICK MASONRY
-  CONCRETE BLOCK MASONRY
-  EARTH
-  CONCRETE
-  CRUSHED STONE
-  WOOD

**ARCHITECT:**  
MILLER CUPP ASSOC., ARCHITECTS, P.C.  
1951-A EVELYN BYRD AVENUE  
HARRISONBURG, VIRGINIA  
22801  
TELEPHONE: (540) 434-6044  
FAX: (540) 434-1142

**ENGINEERING CONSULTANT:**  
MEI ENGINEERING, INC.  
276 SOUTH LIBERTY STREET  
HARRISONBURG, VIRGINIA  
22801  
TELEPHONE: (540) 432-6272  
FAX: (540) 432-6683

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**CODE COMPLIANCE:**

BASE CODE: BOCA/1996 AND 1997 VIRGINIA UNIFORM STATEWIDE BUILDING CODE  
 OCCUPANCY: SEPARATED MIXED USE GROUP B (FIRE STATION) & USE GROUP R-2 (DORMITORY)  
 CONSTRUCTION CLASSIFICATION: TYPE 5B - COMBUSTIBLE, UNPROTECTED  
 BUILDING LIMITS: USE GROUP B: 2 STORIES, 30' HEIGHT, 7,200 S.F. PER FLOOR PER BOCA TABLE 503  
 USE GROUP R-2: 2 STORIES, 35' HEIGHT, 4,800 S.F. PER FLOOR PER BOCA TABLE 503  
 ACTUAL BUILDING AREA: USE GROUP B: 1440 S.F., 1 STORY, 18' HEIGHT TO AVERAGE HEIGHT OF ROOF  
 USE GROUP R-2: 1603 S.F. (1155 S.F. EXISTING PLUS 448 S.F. NEW ADDITION),  
 1 STORY, 12' HEIGHT TO AVERAGE HEIGHT OF ROOF

SPRINKLER SYSTEM: NOT REQUIRED PER BOCA 904.9 EXCEPTION  
 ALARM SYSTEM: NOT REQUIRED PER BOCA 918.4.2 & 918.4.6  
 SMOKE DETECTORS: REQUIRED IN SLEEPING AREAS PER BOCA 920.3.2  
 FIRE SEPARATIONS: EXISTING 2 HOUR SEPARATION BETWEEN USE GROUP B & R-2  
 DRAFTSTOPPING: REQUIRED PER BOCA 721.7  
 MODEL ENERGY CODE: PRESCRIPTIVE PACKAGE FOR ZONE 11B

OCCUPANT LOADS:	S.F./OCCUPANT	OCCUPANTS	EXITS
USE GROUP B:	100 S.F.	14	1 MIN. WITH MAX. 50' TRAVEL PER BOCA TABLE 1010.3
USE GROUP R-2:	200 S.F.	8	1 MIN. WITH MAX. 75' TRAVEL PER BOCA TABLE 1010.3

**REVISIONS:**

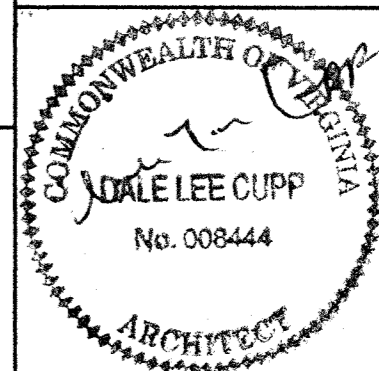
**MILLER CUPP ASSOC. ARCHITECTS, P.C.**  
 1951-A EVELYN BYRD AVENUE  
 HARRISONBURG, VA. 22801  
 PHONE (540) 434-6044  
 FAX (540) 434-1142

**CONSULTANT**

AN ADDITION TO FIRE STATION NO. 2  
 FOR  
 THE CITY OF HARRISONBURG  
 HARRISONBURG VIRGINIA

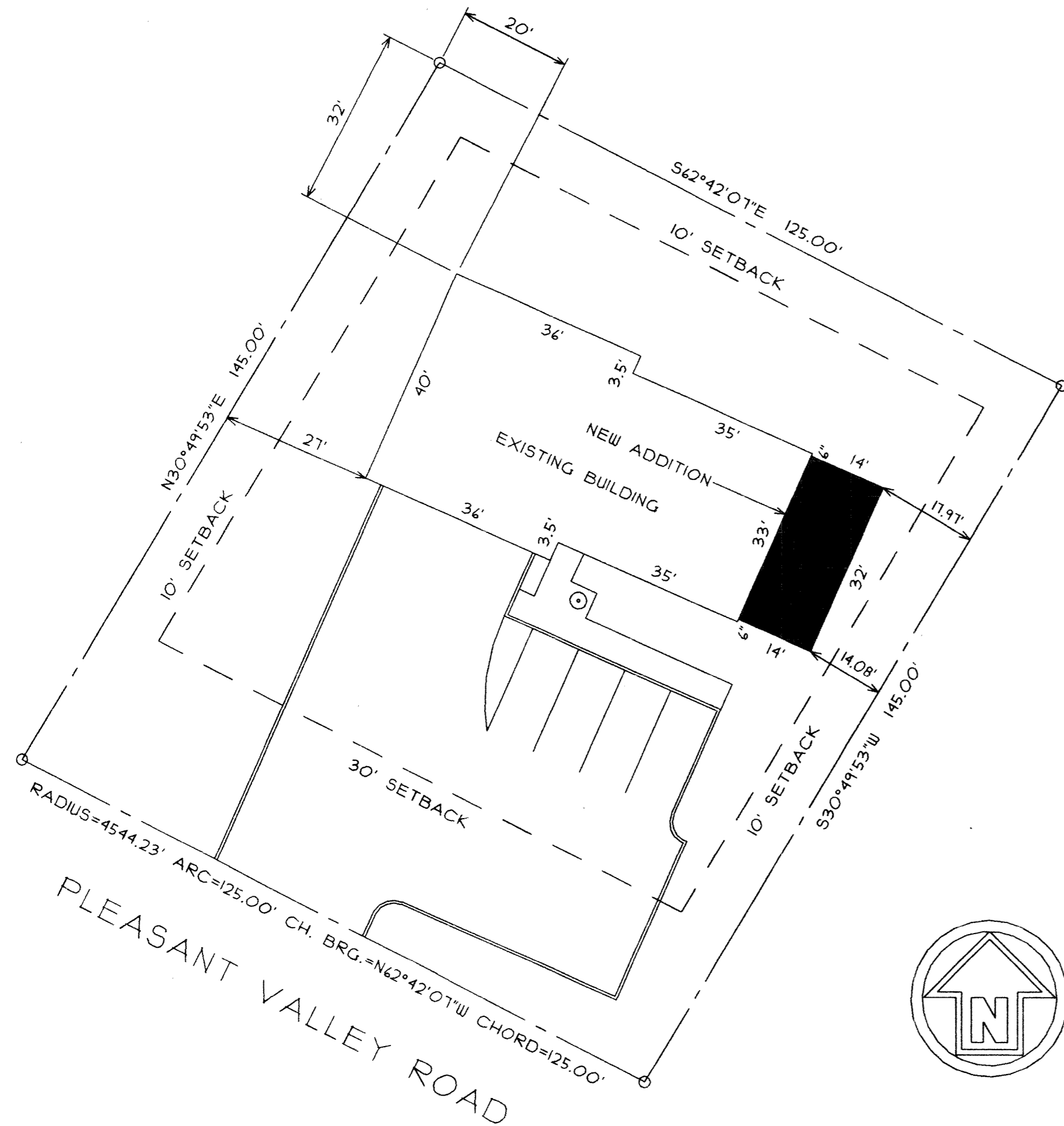
**DRAWING TITLE:**

CONTENTS, CODE COMPLIANCE, SITE PLAN

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	MCL	HBRG FD 01
DATE:	DRAWING NO.	
MAY 05, 2000	G-101	
	01 OF 04	

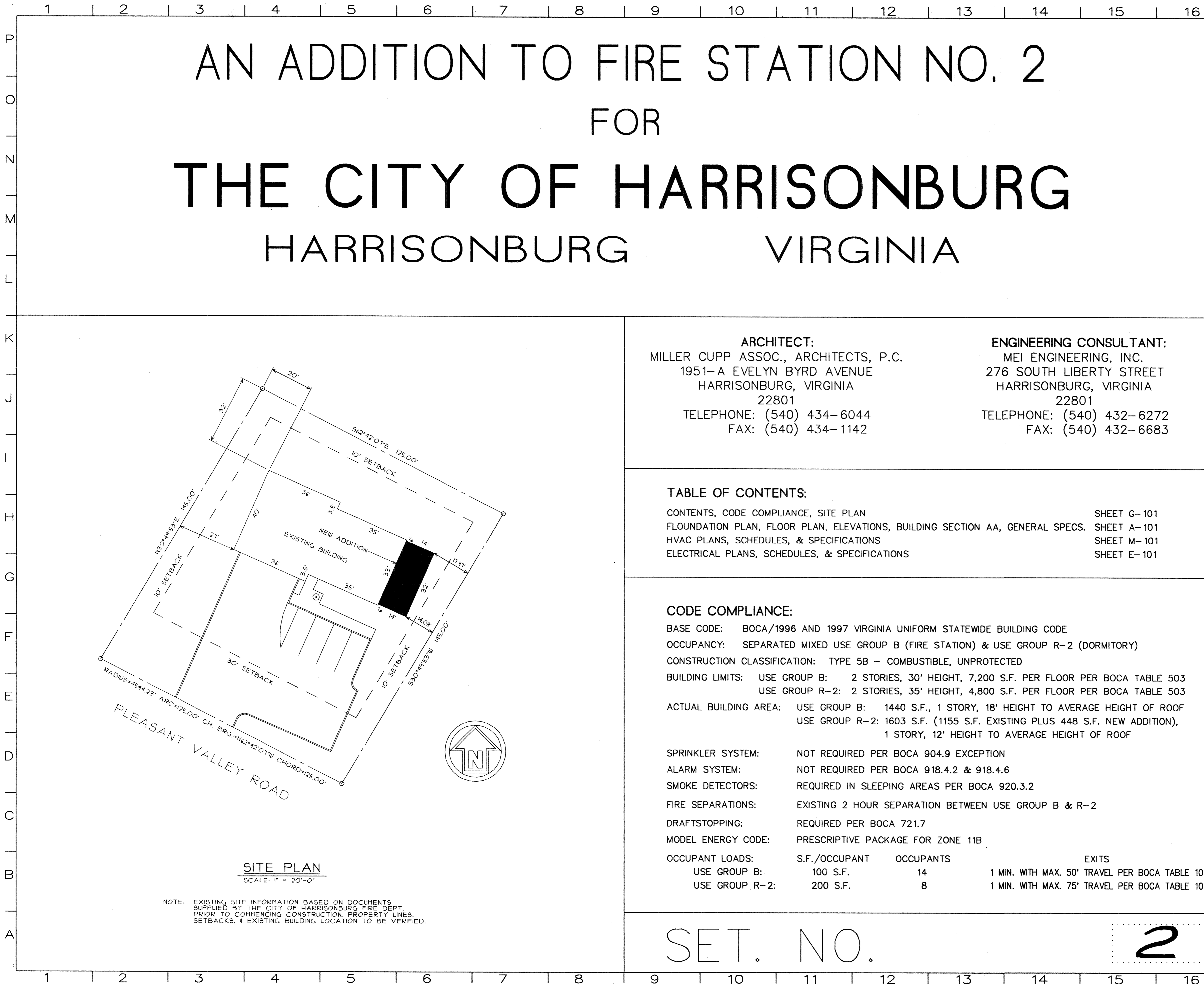
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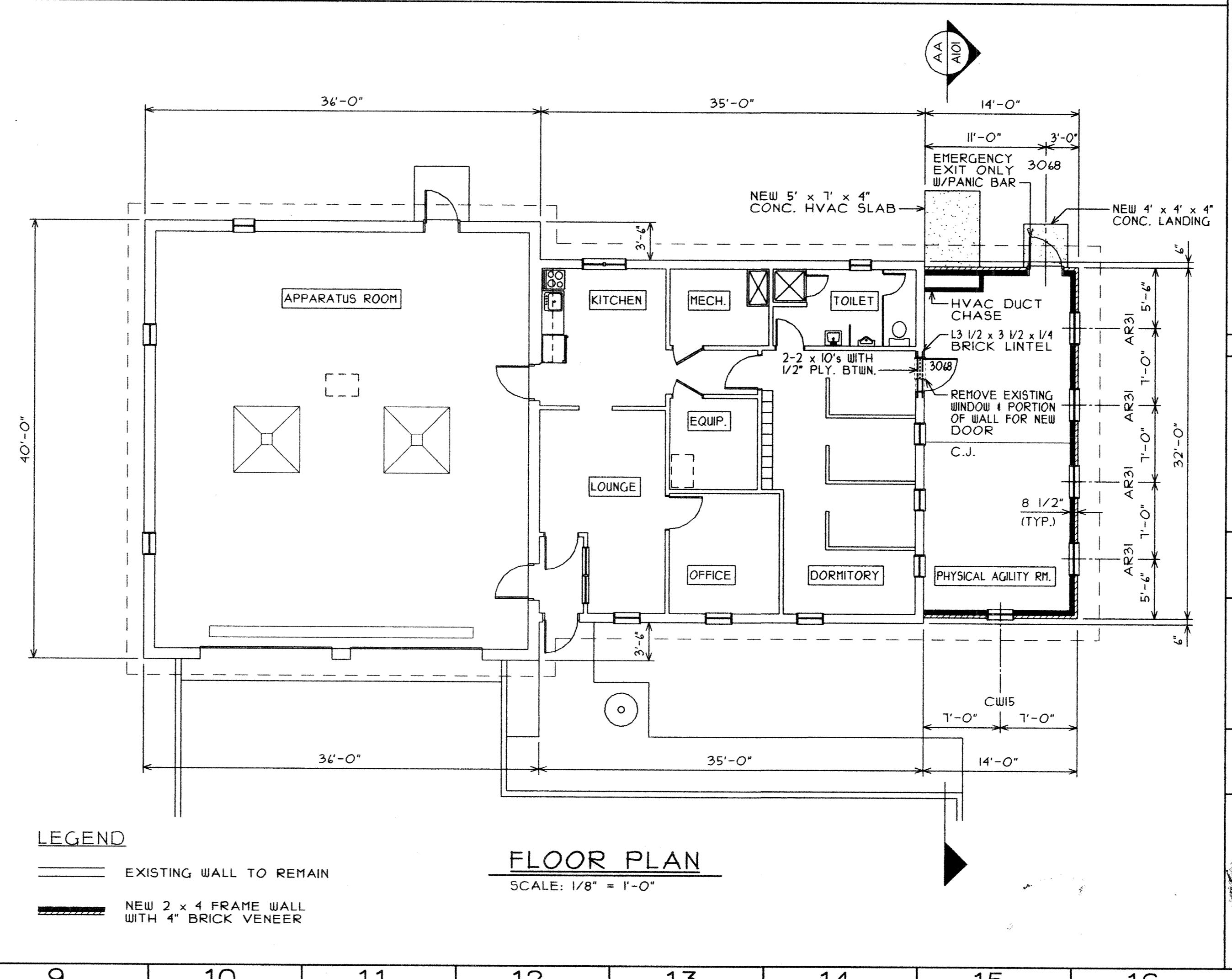
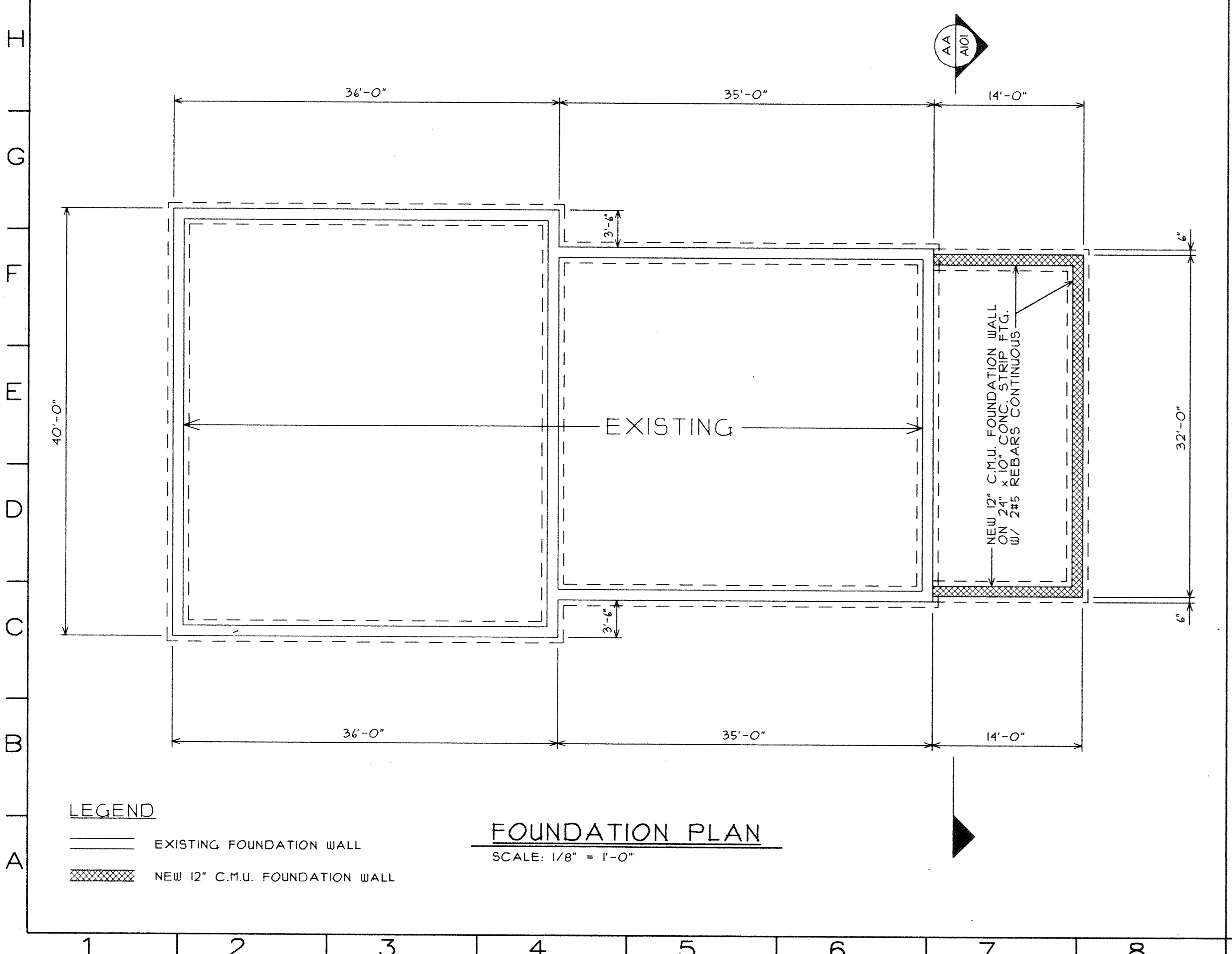
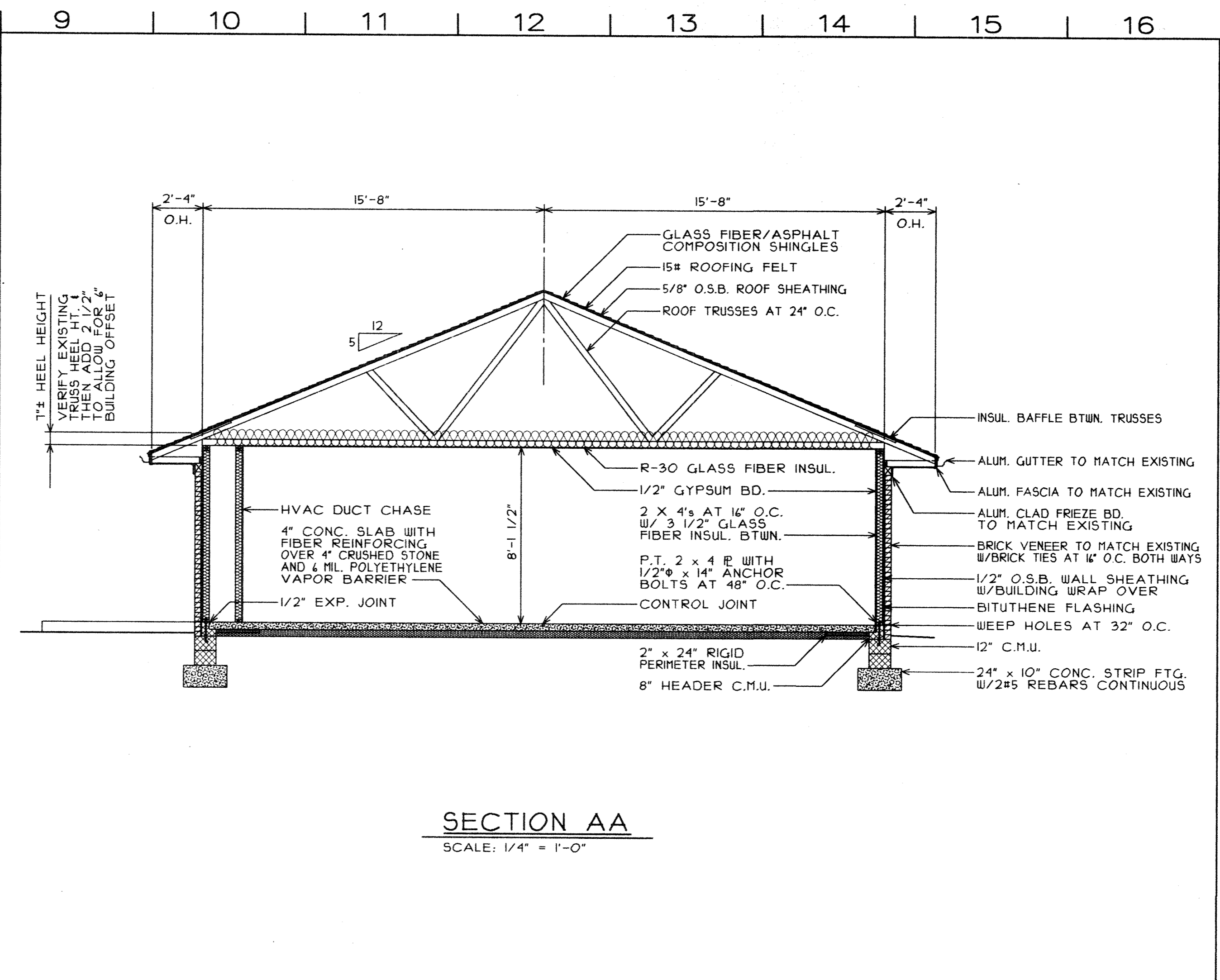
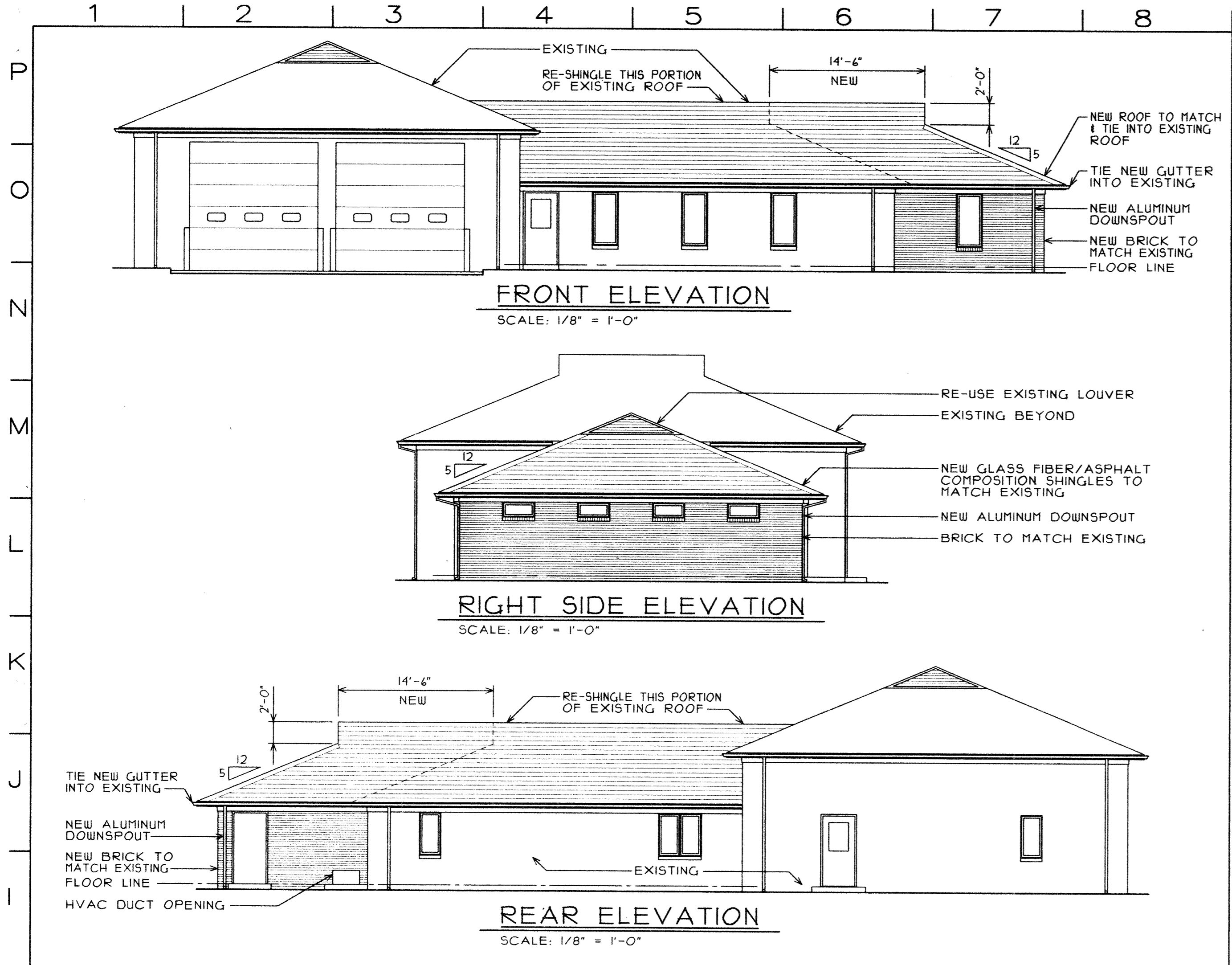
2



**SITE PLAN**  
SCALE: 1" = 20'-0"

NOTE: EXISTING SITE INFORMATION BASED ON DOCUMENTS SUPPLIED BY THE CITY OF HARRISONBURG FIRE DEPT. PRIOR TO COMMENCING CONSTRUCTION, PROPERTY LINES, SETBACKS, & EXISTING BUILDING LOCATION TO BE VERIFIED.





- GENERAL SPECIFICATIONS:**
1. A. CONTRACTOR SHALL COMPLY WITH THE GENERAL CONDITIONS OF AIA DOCUMENT A201
  2. A. ALL EXISTING FILL MATERIAL IN BUILDING AREA TO BE REMOVED AND, IF SUITABLE, RECOMPACTED IN ACCORDANCE WITH THE STANDARD PROCTOR TEST TO 95% MINIMUM COMPACTION.
  - B. FOUNDATION DESIGN PRESSURE ASSUMED TO BE 2000 PSF MINIMUM.
  - C. ALL FOOTINGS TO REST ON ORIGINAL UNDISTURBED SOIL UNLESS NOTED OTHERWISE; STEP FOOTINGS AS NECESSARY TO BEAR ON ORIGINAL SOIL.
  - D. WHERE FOOTINGS MUST REST ON BACKFILLED SOIL, EARTH TO BE PLACED TO 95% COMPACTION IN ACCORDANCE WITH THE STANDARD PROCTOR TEST. WHERE FLOOR SLABS MUST REST ON FILL, PROVIDE SLURRY CONCRETE FILL.
  - E. BOTTOM OF ALL EXTERIOR FOOTINGS TO EXTEND 24" MINIMUM BELOW FINISH GRADE.
  3. A. CONCRETE FOR STRIP FOOTINGS TO BE 3000 PSI AT 28 DAY STRENGTH. CONCRETE FOR PIERS, PIER FOOTINGS, AND AND SLABS TO BE 3000 PSI STRENGTH. CONCRETE FOR BLOCK FILL MAY BE LEAN MIX CONCRETE OF 2000 PSI STRENGTH.
  - B. PLACING OF CONCRETE TO BE IN ACCORDANCE WITH THE A.C.I. BUILDING CODE. CONCRETE SLABS TO BE POURED IN SECTIONS NO LARGER THAN APPROXIMATELY 15' BY 15'. CONCRETE JOINTS MAY BE KEED OR SAWN.
  - C. REINFORCING STEEL TO BE GRADE 60 WELDED WIRE FABRIC TO BE ASTM A85 STEEL.
  4. A. PRECAST LINTELS TO BE PROVIDED OVER ALL OPENINGS LARGER THAN 8" SPAN IN BLOCK WALLS. LINTELS TO BE SAME WIDTH AS WALL AND BE REINFORCED WITH 1 NO. 4 BAR TOP AND BOTTOM FOR EACH 4" OF WALL THICKNESS.
  - B. ALL BEAMS AND LINTELS IN MASONRY TO REST ON SOLID MASONRY AT LEAST 8" HIGH. BEAMS AND LINTELS TO HAVE AT LEAST 8" MINIMUM BEARING ON EACH END.
  5. A. ALL STRUCTURAL STEEL TO BE ASTM A36 STEEL.
  - B. STEEL CONSTRUCTION TO BE IN ACCORDANCE WITH THE MANUAL OF STEEL CONSTRUCTION.
  6. A. ALL WOOD IN CONTACT WITH SLABS ON GRADE OR MASONRY TO BE PRESSURE TREATED.
  - B. STRUCTURAL WOOD TO BE AS FOLLOWS:  
STUDS - NO. 2 OR STUD  
JOISTS - F5 1200 MIN.
  - C. ALL LUMBER TO BE DRIED TO 19% MOISTURE CONTENT, S4S, STAMPED PER GRADING.
  - D. ROOF TRUSSES TO BE DESIGNED BY A VA. LICENSED ENGINEER FOR THE FOLLOWING LOADS:  
TOP CHORD LIVE LOAD: 30 PSF  
TOP CHORD DEAD LOAD: 10 PSF  
BOTTOM CHORD DEAD LOAD: 10 PSF  
TOTAL LOAD: 50 PSF
  7. A. PROVIDE 1" (R-30) GLASS FIBER INSULATION ON TOP OF NEW GYPSUM BO. CEILING
  - B. PROVIDE 3 1/2" (R-13) GLASS FIBER INSULATION IN ALL NEW EXTERIOR STUD FRAME WALLS.
  - C. ROOFING SHINGLES TO BE 35 YEAR GLASS FIBER/ASPHALT COMPOSITION SHINGLES.
  - D. PROVIDE ALUMINUM SOFFIT AND TRIM TO MATCH EXISTING BUILDING
  8. A. EXTERIOR DOOR TO BE 24 GA. FLUSH STEEL WITH POLYURETHANE CORE
  - B. INTERIOR DOOR TO BE 1 3/4" SOLID CORE BIRCH
  - C. PROVIDE HEAVY DUTY HARDWARE SETS IN 24D FINISH TO BE KEED TO EXISTING SYSTEM.
  - D. WINDOW UNITS TO BE "ANDERSEN" TERRATONE VINYL CLAD WINDOWS
  9. A. RESILIENT FLOORING TO BE 12" x 12" x 1/8" VINYL COMPOSITION TILE.
  - B. PAINTED SURFACES TO RECEIVE 1 PRIMER COAT AND TWO (2) FINISH COATS OF SEMI-GLOSS LATEX ENAMEL PAINT.

**REVISIONS:**

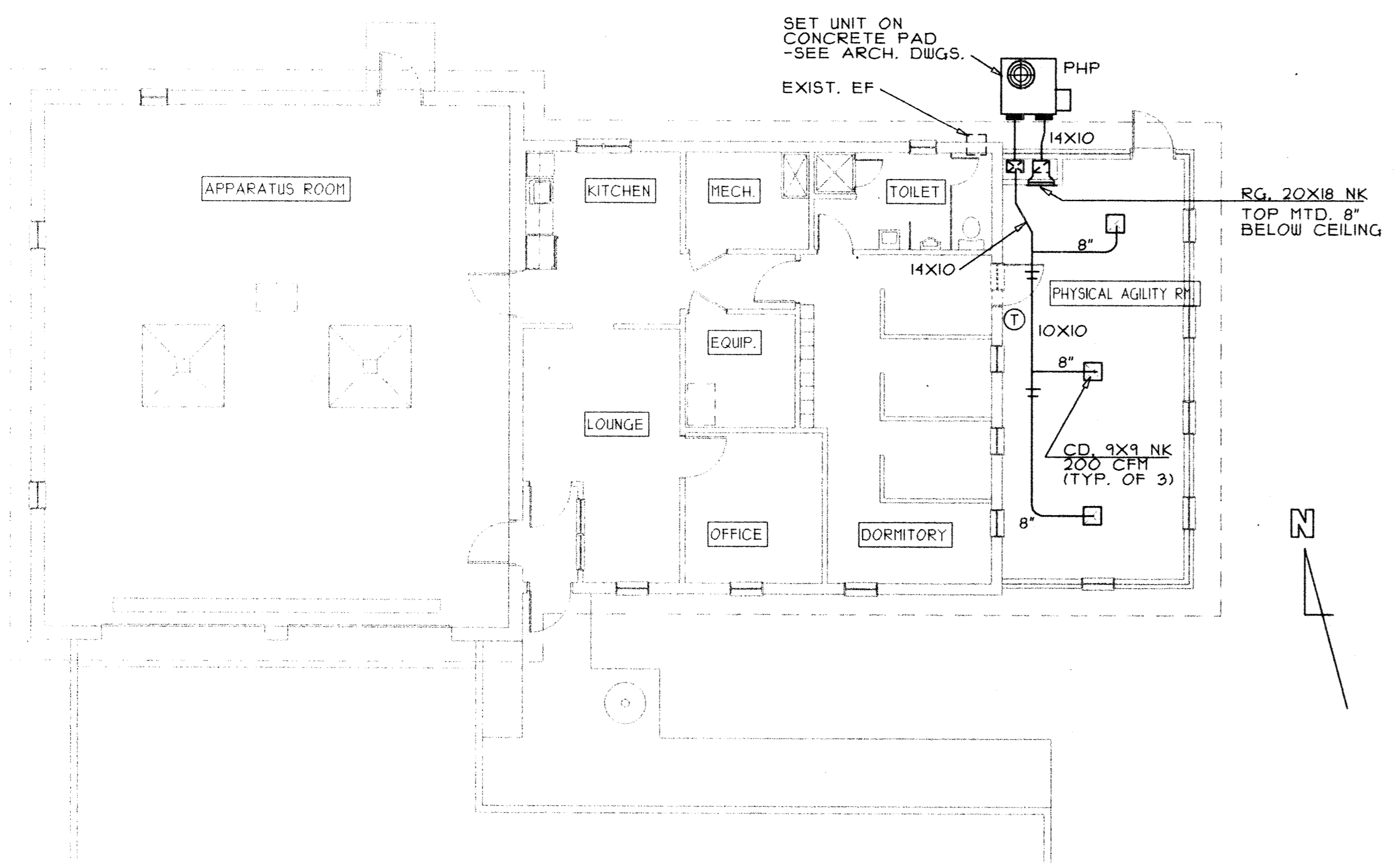
**MILLER CUPP ASSOC. ARCHITECTS, P.C.**  
1951-A EVELYN BYRD AVENUE  
HARRISONBURG, VA. 22801  
PHONE (540) 434-6044  
FAX (540) 434-1142

**CONSULTANT**

**AN ADDITION TO FIRE STATION NO. 2 FOR THE CITY OF HARRISONBURG HARRISONBURG VIRGINIA**

**DRAWING TITLE:**  
PLANS, ELEVATIONS, SECTION, SPECS.

	<b>DRAWN:</b> MCL	<b>PROJECT NO.</b> HBRG FD 01
	<b>DATE:</b> MAY 05, 2000	<b>DRAWING NO.</b> A-101 02 OF 04



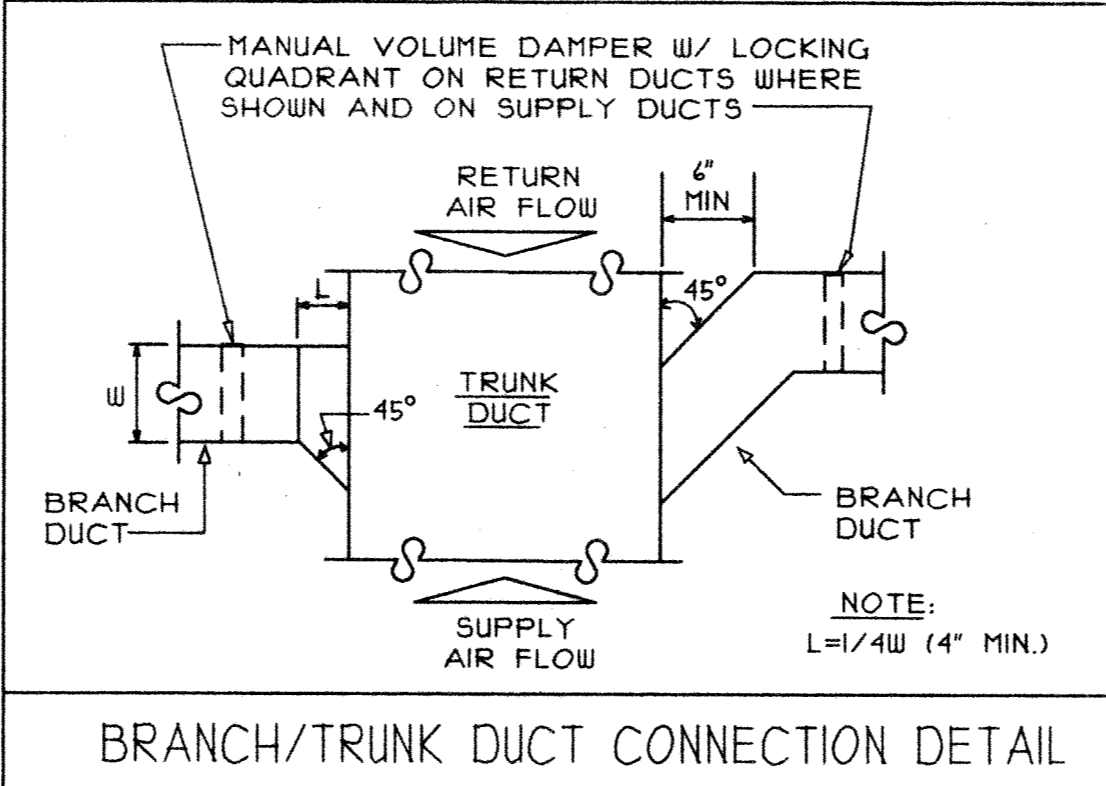
**HVAC PLAN**  
SCALE: 1/8" = 1'-0"

**CONSTRUCTION NOTES:**

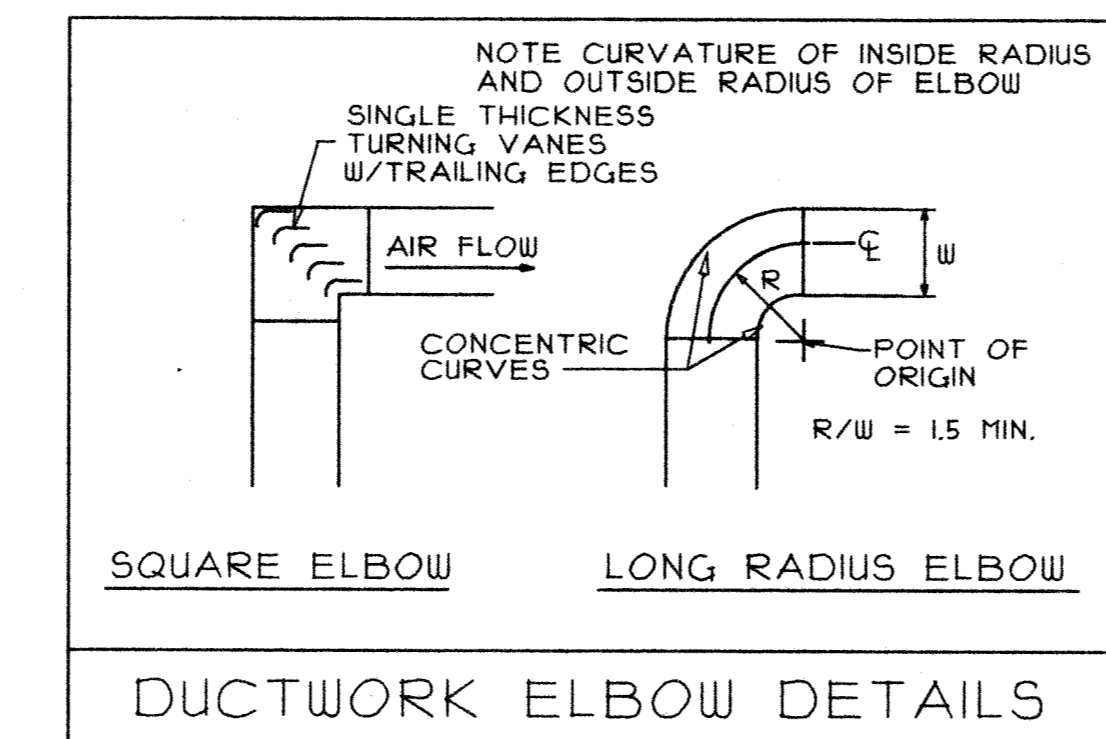
1. WORK SHALL CONFORM WITH VIRGINIA BUILDING CODE AND LOCAL ORDINANCES AND EXCEED MINIMUM NATIONAL SANITATION FOUNDATION, SMACNA AND ASHRAE RECOMMENDATIONS.
2. SUBMIT SHOP DRAWINGS AND PRODUCT DATA FOR MANUFACTURED EQUIPMENT IN ACCORDANCE WITH ARCHITECT'S REQUIREMENTS.
3. COMPLY WITH MANUFACTURER'S RECOMMENDATIONS AND NOTES AND DETAILS SHOWN HEREIN FOR INSTALLATION OF EQUIPMENT. PROVIDE START-UP REPORT OF EQUIPMENT PERFORMANCE.
4. LINE INTERIOR OF RETURN AIR TRUNK DUCTS WITHIN 10 FEET OF PHP WITH 1" THICK ACOUSTICAL LINER. DUCT SIZES SHOWN ARE INSIDE FREE AREA DIMENSIONS - ENLARGE DUCT TO ACCOMMODATE LINER.
5. DUCTWORK SHALL BE GALVANIZED STEEL. BRANCH DUCT MAY BE UL CLASS I PRE-INSULATED FLEXIBLE DUCT-. LIMIT LENGTH TO EIGHT FEET. SEAL JOINTS IN RIGID DUCTWORK WITH FSK TAPE OR WITH HARDCAST SEALANT. INSULATE SA AND RA DUCTS IN UNCONDITIONED SPACE WITH 2" THICK FIBERGLASS WITH FSK JACKET. INSULATE OTHER SA DUCTS WITH 1.5" THICK FIBERGLASS WITH FSK JACKET. INSULATE EXTERIOR SA AND RA DUCTS WITH TWO-1/2" THICK LAYERS OF CLOSED CELL RUBBER-SEAL JOINTS WEATHERTIGHT. PROVIDE BLOCKING TO FIT TOP A 4% SLOPE. TOP LAYER SHALL OVERLAP SIDES. PAINT WITH TWO COATS OF GREY WEATHERPROOF SEALANT.
6. PROVIDE COMBINATION DAMPER/SPIN-IN FOR ROUND DUCT CONNECTIONS TO TRUNK DUCTS. PROVIDE 45 DEGREE BEVEL INLET WITH BALANCE DAMPER FOR RECTANGULAR DUCT CONNECTIONS TO TRUNK DUCT.
7. BALANCE AIR DISTRIBUTION TO WITHIN 10% OF DESIGN AND SUBMIT TEST REPORT FOR APPROVAL. REPORT SHALL IDENTIFY DESIGN AIRFLOWS AND FINAL AIRFLOWS, SUPPLY AND RETURN STATIC PRESSURES, ETC.
8. PROVIDE AND PAY FOR ALL FEES AND PERMITS REQUIRED FOR CONSTRUCTION OF HVAC WORK.
9. TRANSITION DUCTS TO FIT GRID AND EQUIPMENT DUCT CONNECTIONS.
10. VOLUME DAMPERS SHALL BE GALV. STEEL, LOCKABLE BLADE OUTSIDE OR AIRSTREAM. BLADE WIDTH SHALL NOT EXCEED 12".
11. SET PHP CURB ON CONCRETE PAD THEN SET UNIT ON CURB. CONNECT DUCTWORK AND CONTROL WIRING. PROVIDE FACTORY AUTHORIZED START-UP AND SUBMIT WRITTEN REPORT. COMB BENT CONDENSER FINS.
12. SEQUENCE OF CONTROL:  
UNITS - CALL FOR COOL, COMPRESSOR AND BLOWER ENABLED. CALL FOR HEAT, COMPRESSOR OR ELECTRICAL HEAT AND BLOWER TO BE ENABLED. BLOWER TO RUN CONTINUOUSLY IN OCCUPIED MODE FOR UNITS WITH MULTI-STAGE OF HEAT, ELECT. HEAT TO CYCLE AS REQUIRED BY THERMOSTAT.  
OUTSIDE AIR TO BE INTRODUCED WHEN BLOWER RUNS.  
INTERLOCK THERMOSTAT CONTROLS AND SET CLOCK IN T'STAT PER OWNER REQUIREMENTS.

**LEGEND**

- SUPPLY DUCT
  - RETURN OR EXHAUST DUCT
  - THERMOSTAT-MTD, 48" AFF
- RG, 10X6 INDICATES AIR OUTLET OR INLET 200 CFM  
TOP LETTER INDICATES GRID TYPE (SEE LIST); BOTTOM NUMERAL INDICATES CFM FOR BALANCING
- VOLUME DAMPER (VD)
  - OA OUTSIDE AIR
  - SA SUPPLY AIR
  - RA RETURN AIR
  - DUCT TRANSITION
  - AFF ABOVE FINISHED FLOOR
  - MTD. MOUNTED
  - TYP. TYPICAL
  - PHP PACKAGED HEAT PUMP
  - EF EXHAUST FAN



**BRANCH/TRUNK DUCT CONNECTION DETAIL**



**DUCTWORK ELBOW DETAILS**

**EQUIPMENT LIST**

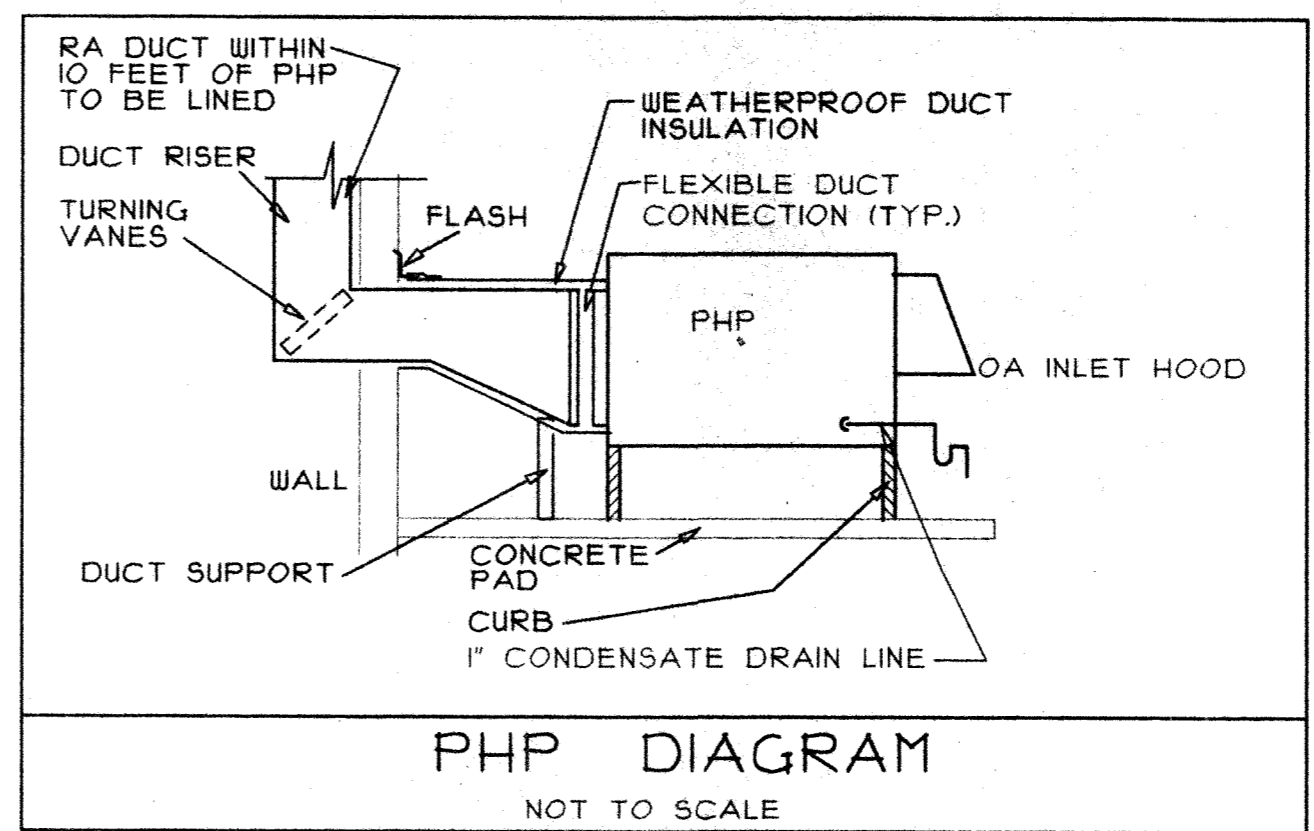
EQUIPMENT: EQUIVALENT MANUFACTURERS MAY BE SUBSTITUTED. EQUIPMENT TO BE UL OR ETL LISTED.

Ⓢ - THERMOSTAT- SHALL BE 24 VAC, HEATING-COOLING AUTO-CHANGEOVER TYPE, SUITABLE FOR HEAT PUMP USE, 7 DAY PROGRAMMABLE W/ OVERRIDE TIMER 2 STAGE HEAT, W/ LOCKING COVER FOR T'STATS IN PUBLIC AREAS. HONEYWELL OR EQUAL.

CD - CEILING DIFFUSER, WHITE FINISH, BEVELED FRAME, ADJUSTABLE BLADE, AIR GUIDE AVP-OB-4-S

RG - RETURN GRILLE, WHITE FINISH, FLANGE FRAME, AIR GUIDE RA.

PHP - 15 TON PACKAGED HEAT PUMP, 5 KW, 33.5A, 45A MOC.P, 10.0 SEER, 3.0 COP, 600 CFM AT 0.4" ESP, 110 CFM OA, HIGH SPEED, W/ FILTER/FILTER KIT W/ HIGH/LOW PRESSURE SWITCHES AND HAIL GUARD KIT, 14" CURB, YORK HDL BHA018.



**PHP DIAGRAM**  
NOT TO SCALE

REVISIONS:

**MC** MILLER CUPP ASSOC. ARCHITECTS, P.C.  
1951-A EVELYN BYRD AVENUE  
HARRISONBURG, VA. 22801  
PHONE (540) 434-6044  
FAX (540) 434-1142

CONSULTANT  
**MEI ENGINEERING, INC.**  
276 S. LIBERTY STREET  
HARRISONBURG, VIRGINIA 22801

AN ADDITION TO FIRE STATION NO. 2  
FOR  
**THE CITY OF HARRISONBURG**  
HARRISONBURG VIRGINIA

DRAWING TITLE:  
**HVAC PLANS AND SCHEDULES**

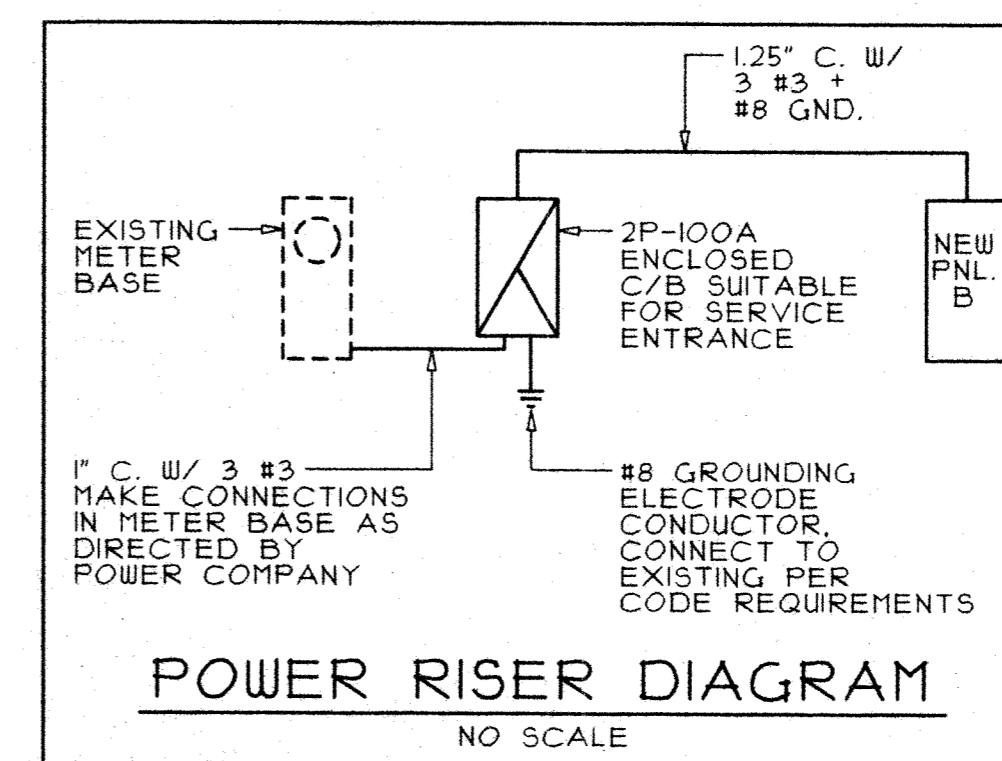
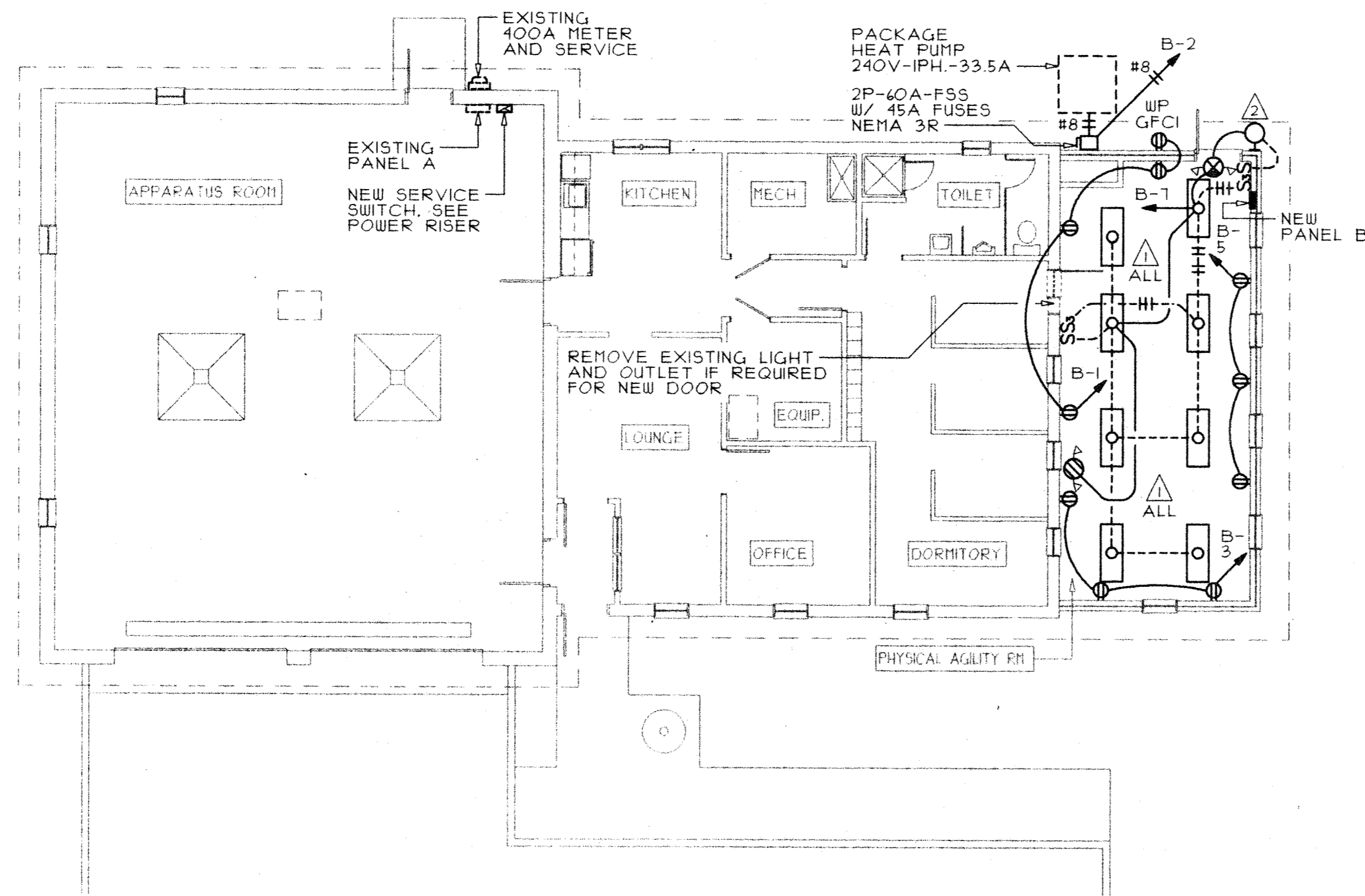
	DRAWN: MSG,CLS	PROJECT NO. GBC PLANS 01
	DATE: MAY 05, 2000	DRAWING NO. M-101 03 OF 04

PANEL B				
MOUNTING: FLUSH VOLTAGE: 120/240 PHASE: 1 WIRES: 3				
LOCATION: ADDITION 100 AMP MLO CUTLER HAMMER LOAD CENTER				
EQUIPMENT	CIRCUIT	CIRCUIT	EQUIPMENT	
	AMPS	NO.	NO.	AMPS
RECEPTACLES	20	1	2	45
RECEPTACLES	20	3	4	--
RECEPTACLES	20	5	6	20
LIGHTS	20	7	8	20
PROVISION	--	9	10	--
PROVISION	--	11	12	--
PROVISION	--	13	14	--
PROVISION	--	15	16	--
PROVISION	--	17	18	--
CALCULATED LOAD				
LIGHTS	1330W X 1.25 (NEC 220-10)		= 1663 WATTS	
RECEPTACLES			= 1620 WATTS	
HEAT PUMP			= 8040 WATTS	
TOTAL			= 11,323 WATTS	
AT 240V-1PH. = 47.2 AMPS				

LIGHTING FIXTURE SCHEDULE					
TYPE	MANUFACTURER/CATALOG NO.	LAMPS		MOUNTING	REMARKS
		NO.	TYPE		
1	LITHONIA LB440-120ES	4	F40T12	SURFACE	
2	LITHONIA WPCW50S120	1	50W HPS	WALL AT 1'-0" AFF	
3	LITHONIA ELM2	FURNISHED W/FIXTURE		SURFACE	
4	LITHONIA LHQMSW3R	FURNISHED W/FIXTURE		SURFACE	

- ### SPECIFICATION NOTES
- DO WORK IN ACCORDANCE WITH THE VIRGINIA UNIFORM STATEWIDE BUILDING CODE, LOCAL CODES AND ORDINANCES, AND THE RULES AND REGULATIONS OF THE UTILITIES.
  - REFER TO ARCHITECTURAL DRAWINGS FOR EXTENT OF DEMOLITION. REMOVE EXISTING ELECTRICAL WORK AS REQUIRED TO CLEAR AREAS OF NEW CONSTRUCTION. ITEMS WHICH ARE TO REMAIN IN USE SHALL BE RELOCATED AS REQUIRED AND RESTORED TO ORIGINAL OPERATING CONDITION. REFER TO HVAC AND PLUMBING DRAWINGS FOR SPECIFIC EQUIPMENT BEING REMOVED WHICH REQUIRES ELECTRICAL DEMOLITION.
  - WIRING SHALL BE IN CONDUIT, MINIMUM SIZE 1/2" OR AS REQUIRED FOR CONDUCTOR NUMBER AND SIZE. USE ELECTRIC METALLIC TUBING EXCEPT SCHEDULE 40 PVC MAY BE USED BELOW GRADE OR ON GRADE CONCRETE SLABS, WHERE PVC CONDUIT WILL BE EXPOSED ON EXTERIOR. USE SCHEDULE 80 USE FLEXIBLE CONDUIT FOR FINAL EQUIPMENT CONNECTIONS.
  - BRANCH CIRCUIT WIRING CONCEALED IN WALLS OR CEILING SPACES MAY BE TYPE MC METAL CLAD CABLE WHERE ALLOWED BY CODE.
  - CONDUITS AND CABLE PASSING THRU FIRE RATED CONSTRUCTION SHALL NOT LESSEN THE RATING OF THE CONSTRUCTION. CONDUITS PENETRATING EXTERIOR WALLS SHALL BE COMPLETELY WATERTIGHT.
  - SUPPORT CONDUIT AND CABLE DIRECTLY FROM THE BUILDING STRUCTURE AS PER CODE REQUIREMENTS.
  - CONDUCTORS SHALL BE COPPER, MINIMUM SIZE NO. 12 AWG OR AS REQUIRED FOR CIRCUIT. COLOR CODE IN ACCORDANCE WITH CODE.
  - BOXES SHALL BE SHEET STEEL TYPE, SIZED FOR NUMBER OF CONDUCTORS, FITTINGS AND DEVICES IN ACCORDANCE WITH CODE.
  - WIRING DEVICES SHALL BE 20 AMPERE, SPECIFICATION GRADE TYPE. COVERPLATES SHALL BE HIGH-IMPACT PLASTIC OR NYLON. WEATHERPROOF COVERPLATES SHALL BE DIE-CAST ALUMINUM TYPE.
  - NOTIFY POWER COMPANY AND ARRANGE FOR CONNECTION. PROVIDE LABOR AND MATERIALS NOT FURNISHED BY THE POWER COMPANY.
  - DISCONNECT SWITCHES SHALL BE GENERAL DUTY FUSED OR NON-FUSED AS SPECIFIED.
  - BRANCH CIRCUIT FUSES SHALL BE TIME-DELAY DUAL ELEMENT TYPE, CLASS RK-5.
  - PANELBOARDS SHALL HAVE COPPER BUS BARS.
  - PROVIDE GROUNDING SYSTEM AS PER CODE REQUIREMENTS.
  - CONNECT EXIT/EMERGENCY LIGHTING TO CIRCUIT NOTED AHEAD OF LOCAL SWITCHING.
  - OBTAIN AND PAY FOR PERMITS AND INSPECTIONS REQUIRED FOR WORK.
  - DRAWINGS INDICATE DESIGN BASED EQUIPMENT. VERIFY EXACT LOCATION, CHARACTERISTICS AND CONFIGURATION OF CONNECTIONS REQUIRED FOR OWNER FURNISHED EQUIPMENT AND EQUIPMENT SPECIFIED UNDER OTHER DIVISIONS. IF ALTERNATE EQUIPMENT IS USED PROVIDE PROPER OVERCURRENT PROTECTION, DEVICES AND CIRCUIT REQUIRED.

- ### SYMBOLS LIST
- ○ OUTLET FOR CEILING OR WALL MOUNTED FLUORESCENT LIGHTING FIXTURE
  - ○ OUTLET FOR CEILING OR WALL MOUNTED INCANDESCENT, COMPACT FLUORESCENT OR HID LIGHTING FIXTURE
  - ⊗ ⊗ OUTLET FOR CEILING OR WALL MOUNTED EMERGENCY EGRESS LIGHTING FIXTURE
  - ⊗ ⊗ OUTLET FOR CEILING OR WALL MOUNTED COMBINATION EXIT / EMERGENCY EGRESS LIGHTING FIXTURE
  - △ LIGHTING FIXTURE TYPE SEE SCHEDULE
  - S SINGLE POLE WALL SWITCH AT 48" AFF
  - Ss THREE-WAY WALL SWITCH AT 48" AFF
  - ⊕ GENERAL PURPOSE DUPLEX RECEPTACLE AT 18" AFF
  - GFCI ⊕ GROUND FAULT CIRCUIT INTERRUPTER AT 18" AFF
  - SAFETY SWITCH AT 48" AFF OR AT ASSOCIATED PIECE OF EQUIPMENT
  - PANELBOARD
  - - - SWITCHED BRANCH CIRCUIT WIRING 2 #12 UNLESS NOTED
  - — — UNSWITCHED BRANCH CIRCUIT WIRING 2 #12 UNLESS NOTED
  - A-1-3 BRANCH CIRCUIT HOMERUN TO PANEL PANEL AND CIRCUIT NUMBER DESIGNATED
  - AFF ABOVE FINISHED FLOOR
  - C/EC CONDUIT/EMPTY CONDUIT
  - FSS/NFSS FUSIBLE/NON-FUSIBLE SAFETY SWITCH
  - WP WEATHERPROOF



**ELECTRICAL PLAN**  
SCALE: 1/8" = 1'-0"

REVISIONS:

**MILLER CUPP ASSOC. ARCHITECTS, P.C.**  
1951-A EVELYN BYRD AVENUE  
HARRISONBURG, VA. 22801  
PHONE (540) 434-6044  
FAX (540) 434-1142

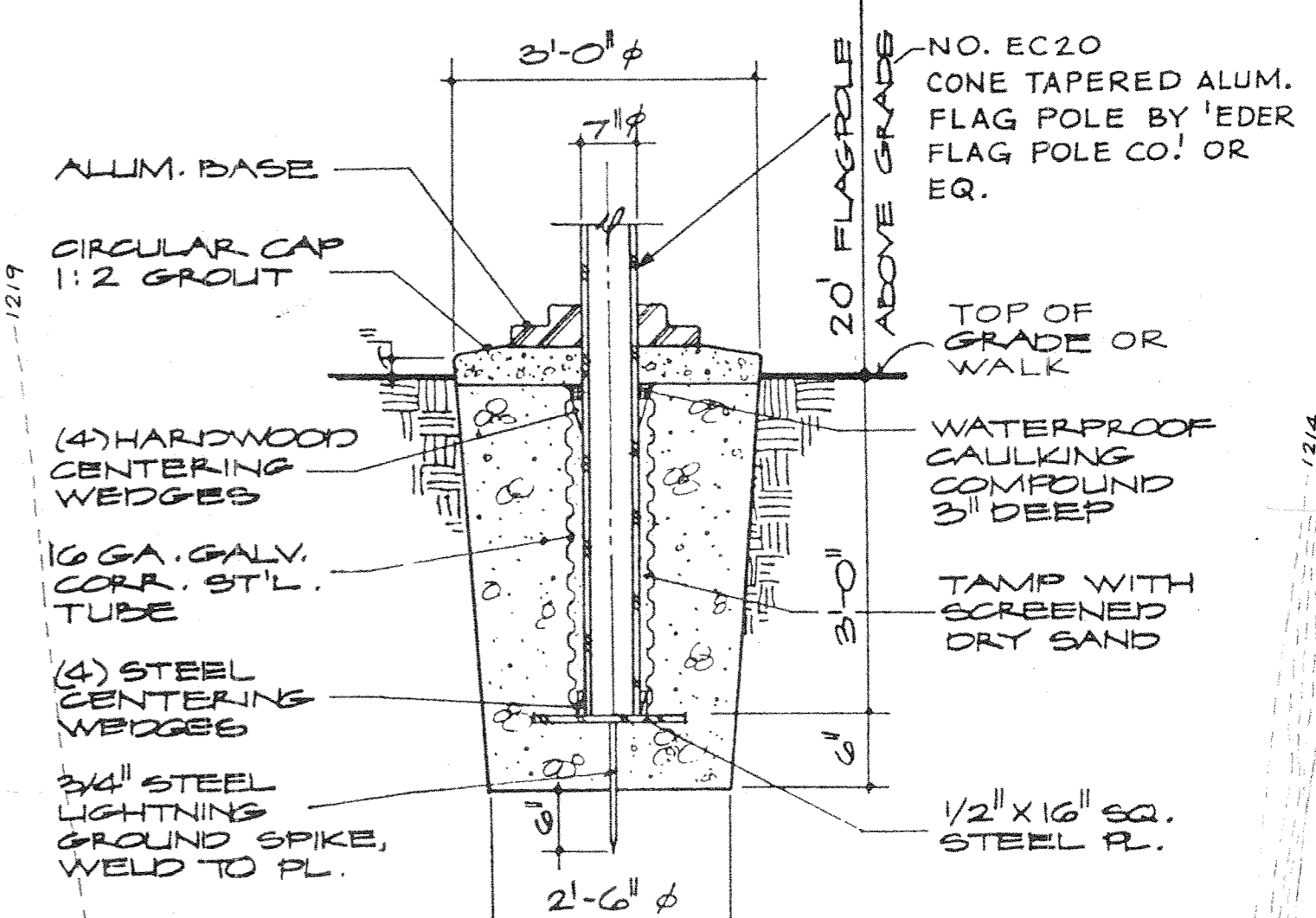
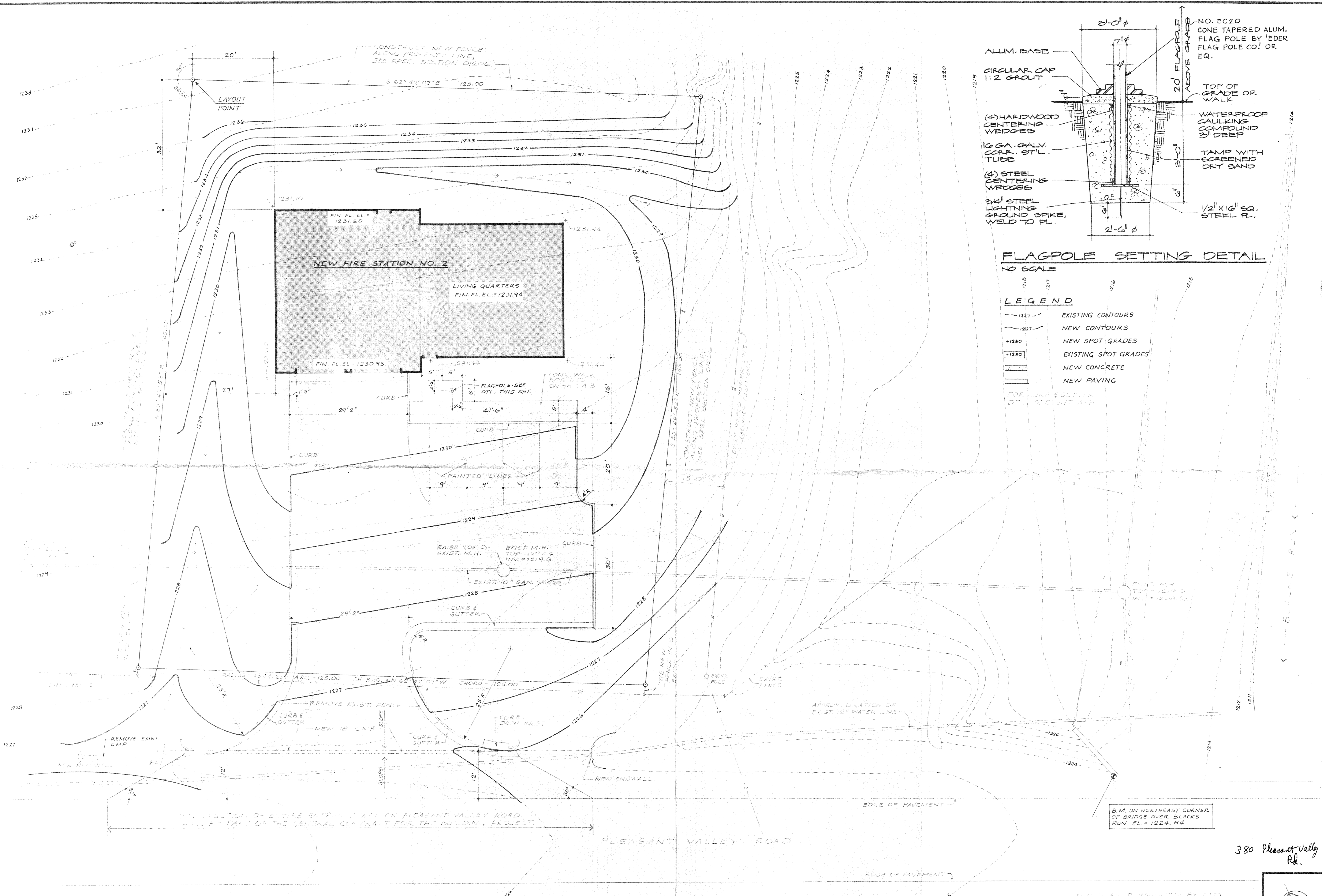
CONSULTANT:  
**MEI ENGINEERING, INC.**  
276 S. LIBERTY STREET  
HARRISONBURG, VIRGINIA 22801

AN ADDITION TO FIRE STATION NO. 2  
FOR  
**THE CITY OF HARRISONBURG**  
HARRISONBURG VIRGINIA

DRAWING TITLE:  
**ELECTRICAL PLANS AND SCHEDULES**

DRAWN: WLA,RBP	PROJECT NO. GBC PLANS 01
DATE: MAY 05, 2000	DRAWING NO. E-101 04 OF 04





**FLAGPOLE SETTING DETAIL**  
NO SCALE

- LEGEND**
- - - - - EXISTING CONTOURS
  - — — — — NEW CONTOURS
  - +1230 NEW SPOT GRADES
  - +1230 EXISTING SPOT GRADES
  - ▭ NEW CONCRETE
  - ▭ NEW PAVING
- FOR CURB & GUTTER  
DET. SEE SHEET A-3

REVISIONS

**4**

McCLINTOCK AND ASSOCIATES A.I.A.  
ARCHITECTS  
110 NEWMAN AVE. - HARRISBURG, VA. 22801  
703/434-1348

CITY OF HARRISBURG  
FIRE STATION NO. 2  
PLEASANT VALLEY ROAD  
HARRISBURG, VA.

**SITE PLAN**  
1/10/01

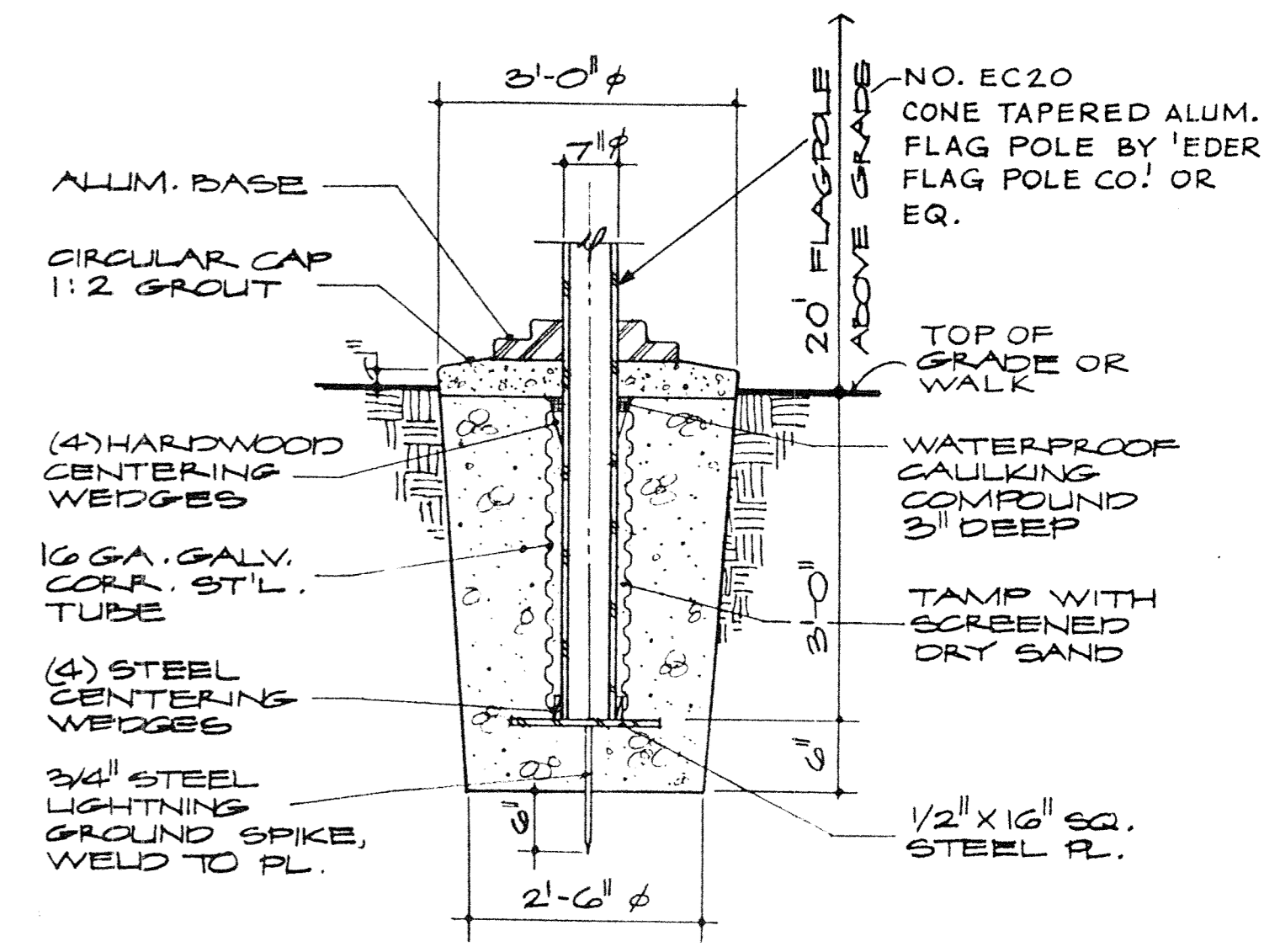
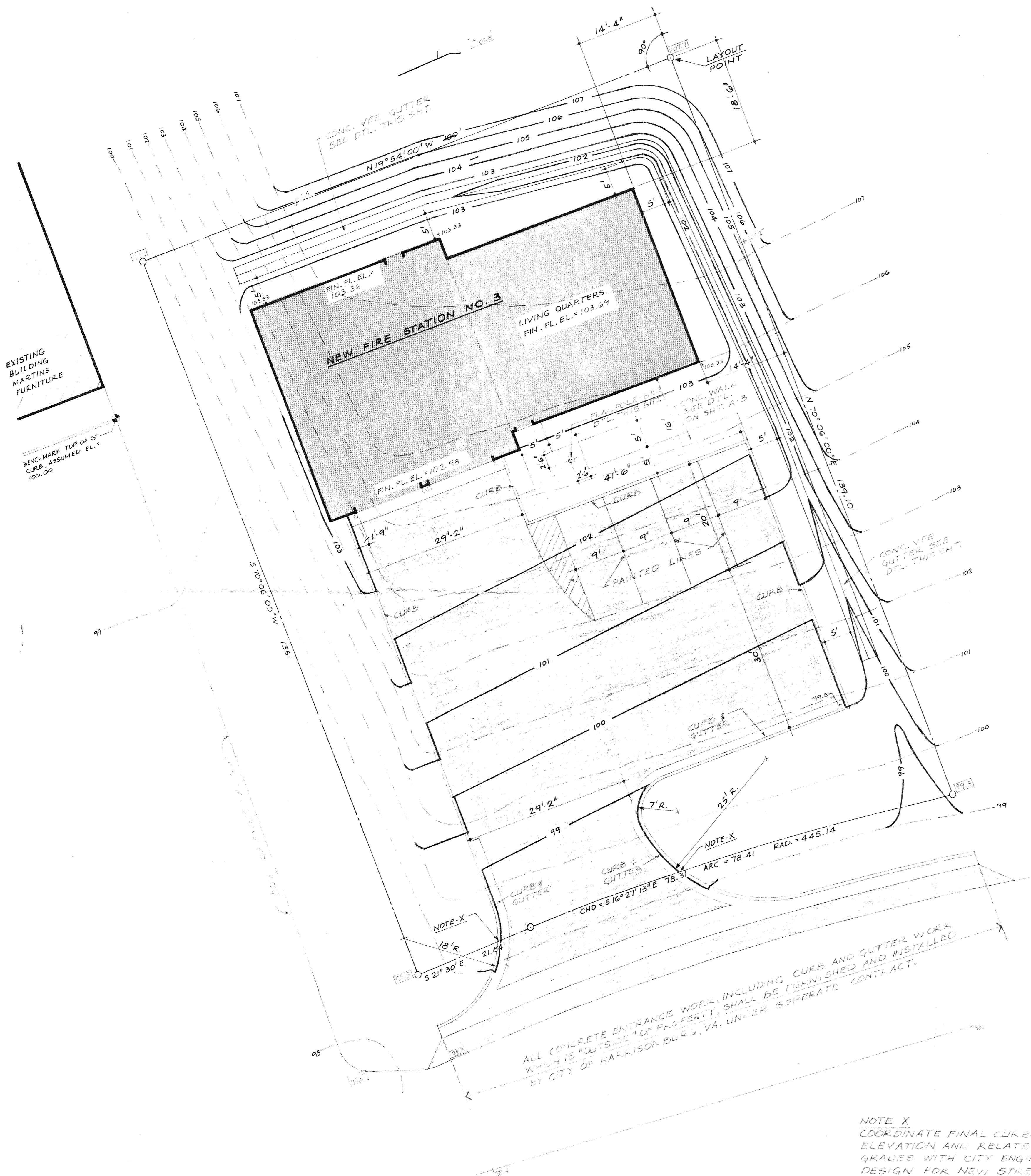
DATE: 1/24/01  
DRAWN: JPK

8405  
SP  
1

380 Pleasant Valley Rd.

NOTES: VISIBLE INSPECTION INDICATES CONSIDERABLE FILL AND EARTHWORK AND BATTERY QUADRANT OF THE SITE

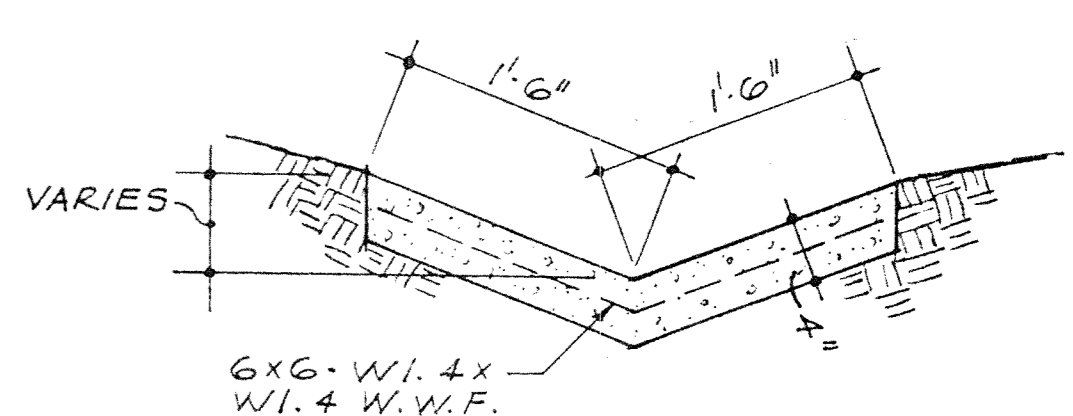
CONTENTS FURNISHED BY CITY OF HARRISBURG. SURVEYING ENGINEERING SURVEY AND ADJUSTED ON NEAR SEA LEVEL (A.M.L. DATUM 216.54)



**FLAGPOLE SETTING DETAIL**  
NO SCALE

- LEGEND**
- - - 1227 - - - EXISTING CONTOURS
  - 1227 — NEW CONTOURS
  - +1230 NEW SPOT GRADES
  - ▭ +1230 EXISTING SPOT GRADES
  - ▭ NEW CONCRETE
  - ▭ NEW PAVING

FOR CURB & GUTTER  
D.T.L. SEE SH. A-3

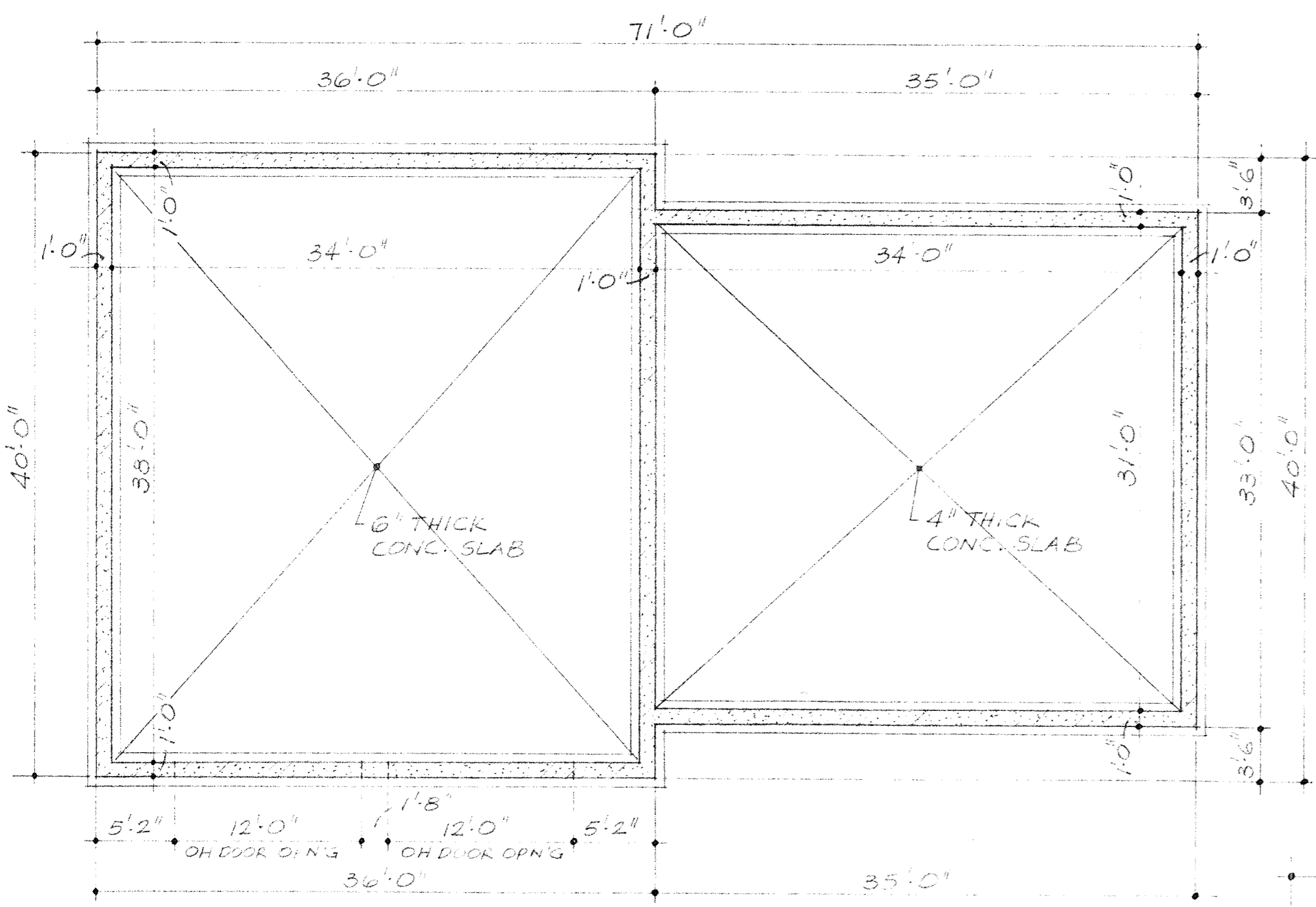


**SECTION THRU CONCRETE VEE GUTTER**  
NO SCALE

ALL CONCRETE ENTRANCE WORK, INCLUDING CURB AND GUTTER WORK WHICH IS "OUTSIDE" OF PROPERTY, SHALL BE FURNISHED AND INSTALLED BY CITY OF HARRISONBURG, VA. UNDER SEPARATE CONTRACT.

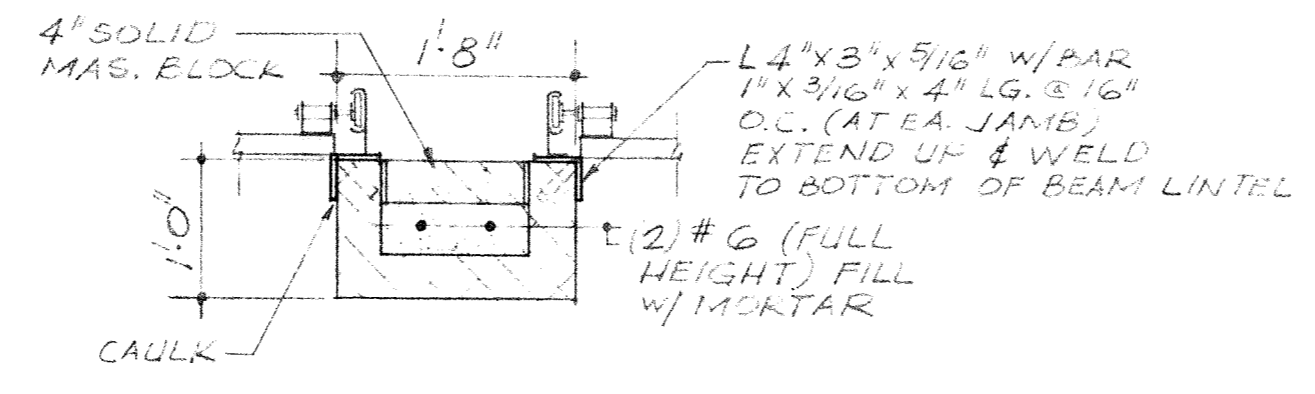
**NOTE X**  
COORDINATE FINAL CURB ELEVATION AND RELATED GRADES WITH CITY ENGINEER'S DESIGN FOR NEW STREET.

REVISIONS  		<b>McClintock and Associates A.I.A.</b> ARCHITECTS 703/434-1346 110 NEWMAN AVE. - HARRISONBURG, VA. 22801
CITY OF HARRISONBURG FIRE STATION NO. 3 EAST MARKET STREET HARRISONBURG, VA.		
<b>SITE PLAN</b> 1" = 10'-0"		
CORR. NO. 8404	DATE APRIL 12, 1984	DRAWN AER 2465 C. McClintock St.



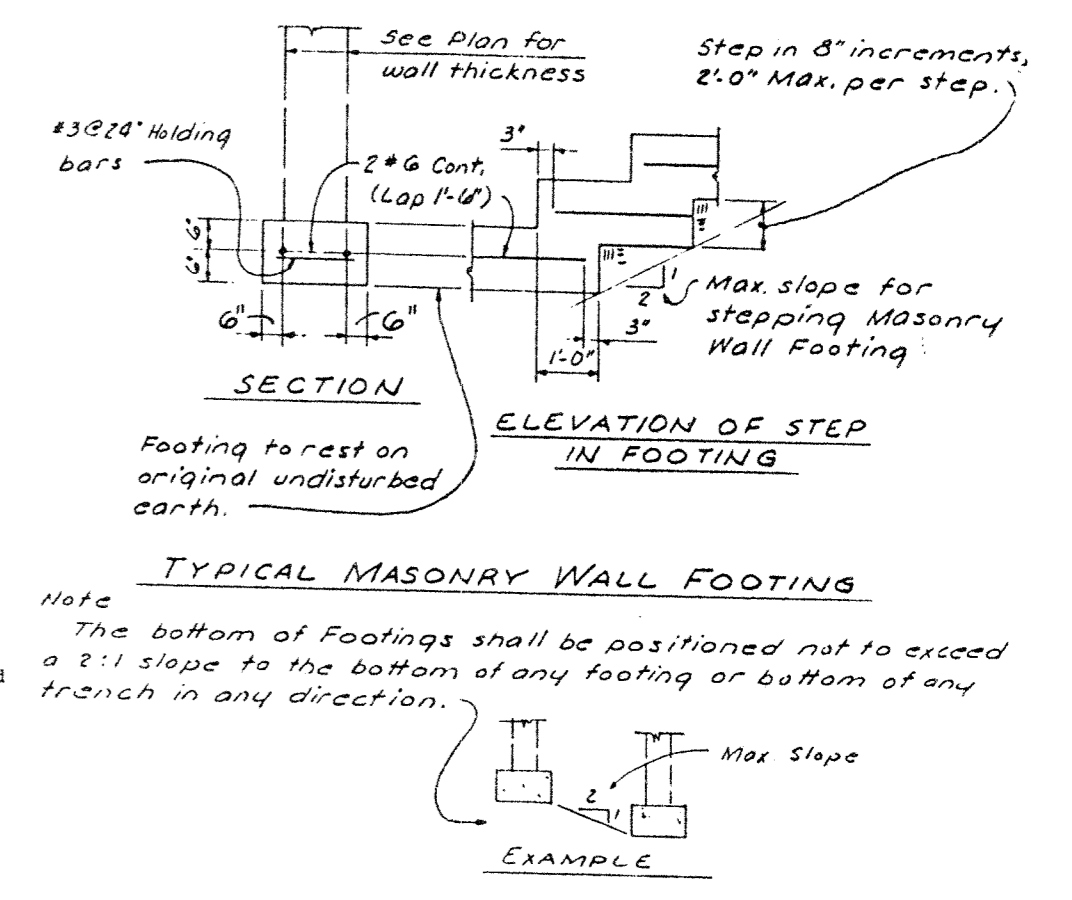
**FOUNDATION PLAN**  
1/8" = 1'-0"

- WOOD TRUSS NOTES (ROOF)**
- Truss fabricator shall provide systems of trusses as indicated to fit conditions shown and designed for the following loads:  
 Roof Live Load (snow) 30 psf  
 Roof Dead Load Actual or 7 psf (min)  
 Wind Load 15 psf  
 Bottom Chord Dead Load Actual or 10 psf (min)  
 Bottom Chord Live Load 20 psf in those portions of spaces having a clear height of 4'2" or more between bottom chords and any other members of the trusses.  
 Duration Factor 15%
  - Truss fabricator shall submit design calculations including lumber species and grade for approval prior to fabrication of components.
  - Include with Shop Drawings proposed system of lateral bracing as well as cross bracing to be used for erection.
  - Truss connections shall be made with "Samford Grip Master", "Hommel Barb-Grip", "Gang-Nail" plates, and connected according to manufacturers' instructions.
  - Attach trusses to wall plate with Teco-Trip-L Grip Framing Anchors.
  - Truss design and calculations shall be by a registered, professional engineer. Engineer to be registered in Virginia.



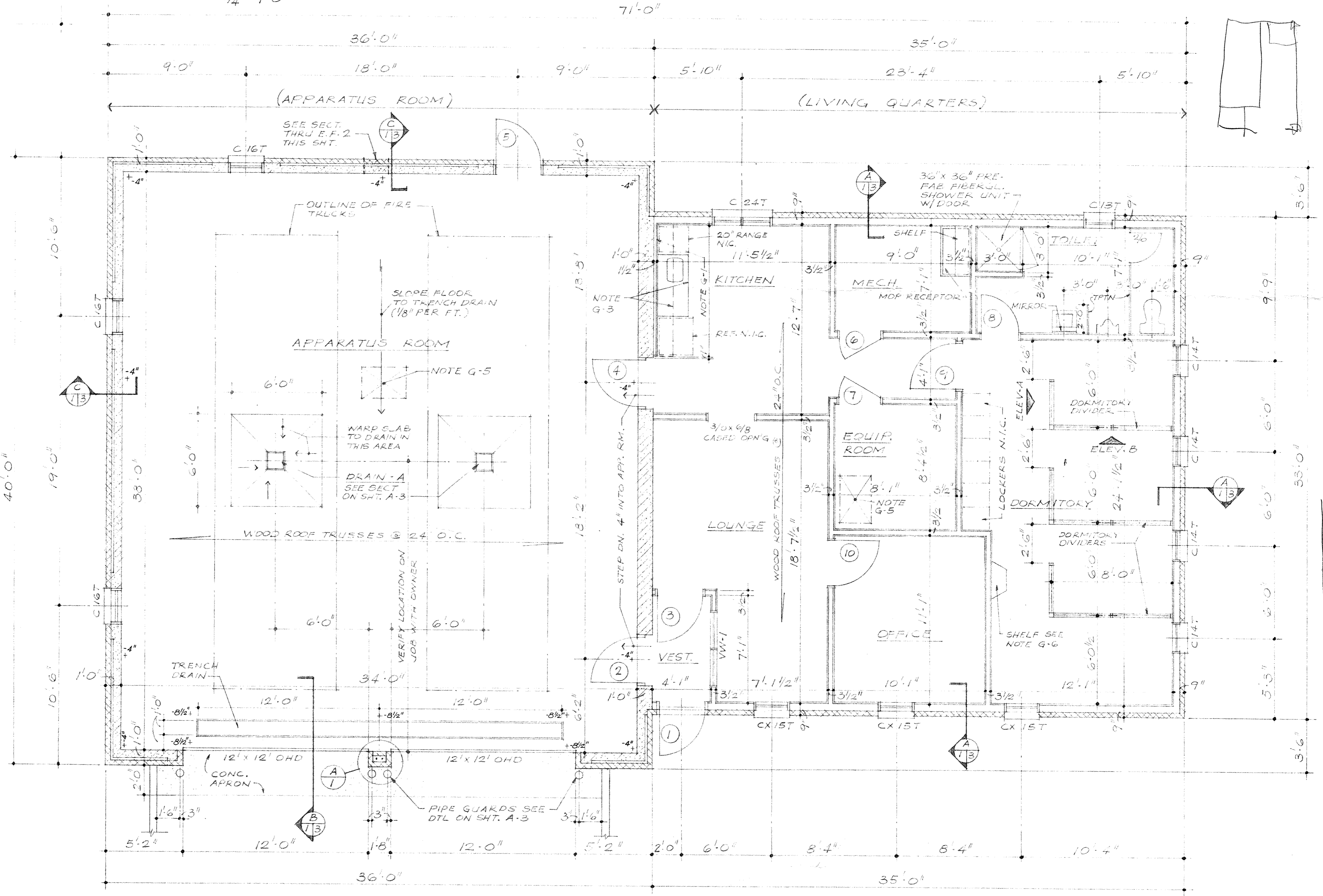
**DETAIL A**  
3/4" = 1'-0"

- STRUCTURAL NOTES**
- Bottom of all footings to extend a minimum of 12" into undisturbed firm soil and a minimum of 2'-0" below finish grade.
  - Step wall footings as necessary to bear on original earth.
  - For fill and/or backfill on which floor slabs are to rest use sand, crushed stone or gravel.
  - All floor slabs and walls on grade to be 4" thick reinforced with 6 x 6 - W1.4 x W1.4 W/P unless otherwise noted.
  - Top slab-on-grade in checkerboard pattern, (See Foundation Plan), allow 3 days lapse between adjacent pours. Provide keyed joints.
  - All concrete to have a compressive strength of 3000 psi at 28 days, test cylinder strengths to be in accordance with the ACI Code.
  - Concrete cover for reinf. steel to be in accordance with the ACI Code.
  - All reinforcing bars to be of ASTM A615-60 steel.
  - All welded wire fabric shall be of ASTM A185 steel.
  - All beams and lintels resting on masonry shall bear on solid concrete block or on brick at least 3 courses high. All beams and lintels shall extend 6" into wall unless otherwise shown.
  - All structural steel to be of ASTM A36 steel.
  - Where backfill is unbalanced, brace wall plumb until floor slab above is poured and has attained final set.
- DESIGN DATA:**  
 FOUNDATION DESIGN PRESSURE = 2,000 P.S.F. (ASSUMED)  
 FLOOR L.L. = 100 P.S.F.  
 WIND (LATERAL) = 15 P.S.F.  
 SNOW (ROOF) = 30 P.S.F.



**GENERAL NOTES:**

- FULL OUT THIS MASONRY WALL WITH 2x2 @ 16" O.C. COVER FURRING WITH 1 LAYER OF 1/2" GYPSUM B.D.
- ALL INTERIOR PARTITIONS TO BE 2x4 STUDS @ 16" O.C. WITH 1 LAYER, 1/2" GYPSUM B.D. ON EACH SIDE.
- FACTORY FINISHED GRAY FACED PLYWOOD WALL AND BASE CABINETS. BASE CABINET TO HAVE SELF-EDGED PLASTIC LAMINATE TOP.
- WINDOW DESIGNATIONS ARE "ANGLER-EN" PERMA-SHIELD CASEMENT WINDOWS W/ TERRAZZO FINISH.
- PROVIDE 2'-0" x 3'-0" FRAMED, TRIMED OPENING IN CEILING WITH 1/2" PLYWOOD LIFT-UP COVER. INSTALL INSULATION ON ATTIC SIDE OF COVER. 1/2" PLYWOOD COVER IN APPARATUS ROOM TO BE COVERED W/ (2) LAYERS OF 5/8" TYPE-X GYP. B.D. AND IS TO BE TRIM OUT WITH METAL TRIM, ON CLG. SIDE.
- SHELF W/ BEVELED EDGES, MOUNTED 6'-0" A.R.F. SEE DETAIL ON SHT. A-3.



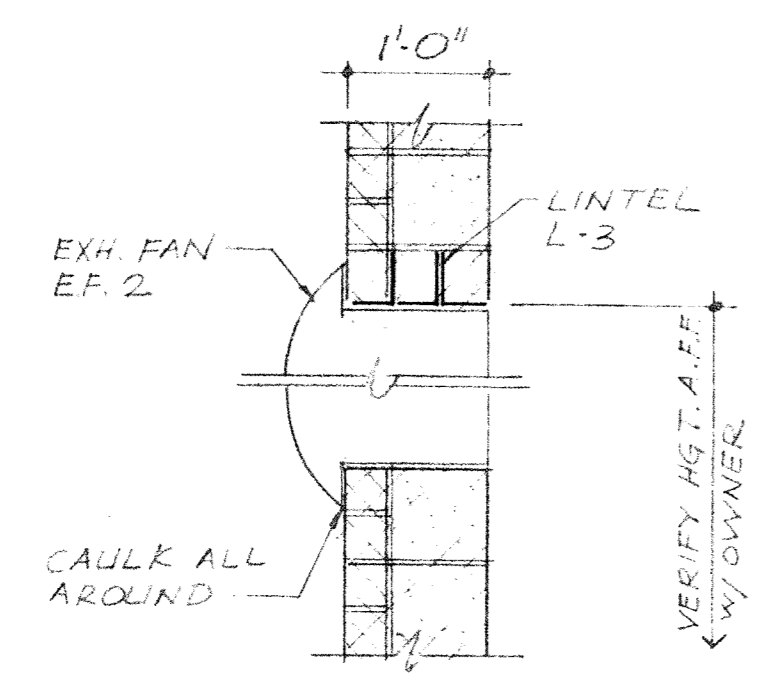
**FLOOR PLAN**  
1/4" = 1'-0"

**NOTE:**  
FLOOR ELEVATIONS SHOWN THUS - 8 1/2" IN APPARATUS ROOM, ARE REFERENCED FROM TOP OF SLAB IN LIVING QUARTERS.

- Furnish and install the following equipment. Equipment model numbers are the products of Bobrick Washroom Equipment, Inc. OR EQUAL.
- MIRRORE with shelf-----B-292-1624
  - TOWEL DISPENSERS-----FURNISHED BY OWNER, INSTALLED BY G.C.
  - Toilet Tissue Holder-----B-274
  - DOOR HOOK (door mounted)---B-212 with bumper
  - TOWEL HOOK-----B-2116 H.D. with concealed mounting
  - DOOR AND BEDDOL HOLDER-----B-224 - 30" long (INSTALL OVER MOP RECEPTOR.)

Furnish and install the Specified accessories in following spaces, with quantities as noted:

- BATH**
- 1 Mirror with shelf
  - 1 Towel dispenser
  - 1 Toilet tissue holder
  - 1 Coat hook (on door)
  - 1 Towel hook (on wall)
- MECH. RM.**
- 1 Towel dispenser
  - 1 Mop and broom holder



**SECTION THRU E.F. 2**  
3/4" = 1'-0"

TPTN = TOILET PARTITIONS

**REVISIONS**

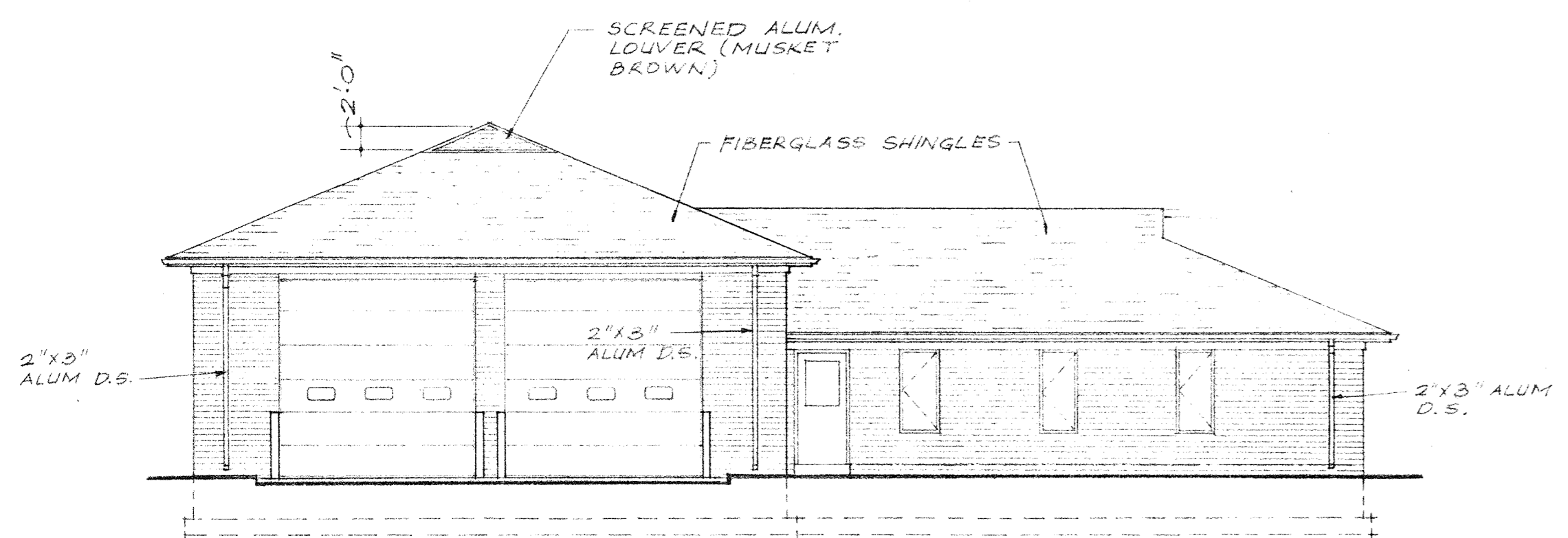

**McCLINTOCK AND ASSOCIATES A.I.A.**  
 ARCHITECTS  
 110 NEWMAN AVE. - HARRISONBURG, VA. 22801  
 703/434-1346  
 No. 1229

**CITY OF HARRISONBURG  
 FIRE STATIONS  
 NO. 2 AND NO. 5  
 HARRISONBURG, VA.**

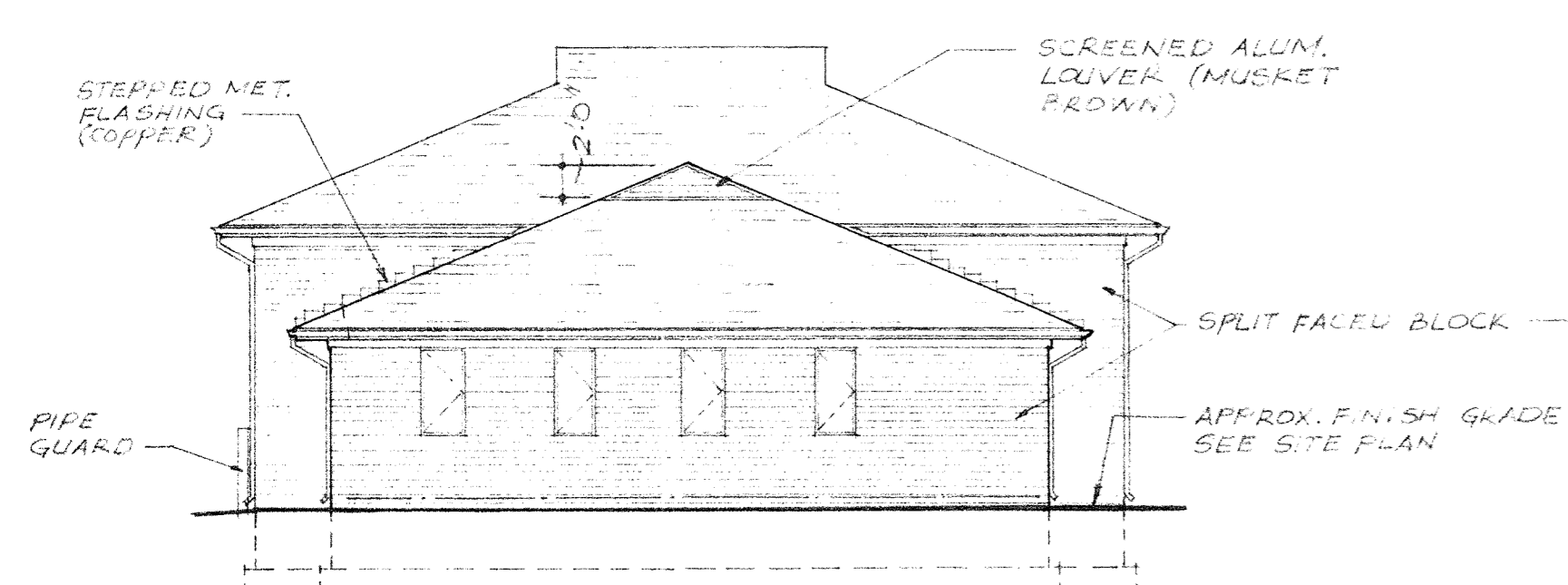
**FOUNDATION PLAN  
 FLOOR PLAN  
 NOTES**

DATE: APRIL 12, 1984  
 DRAWN: ABR

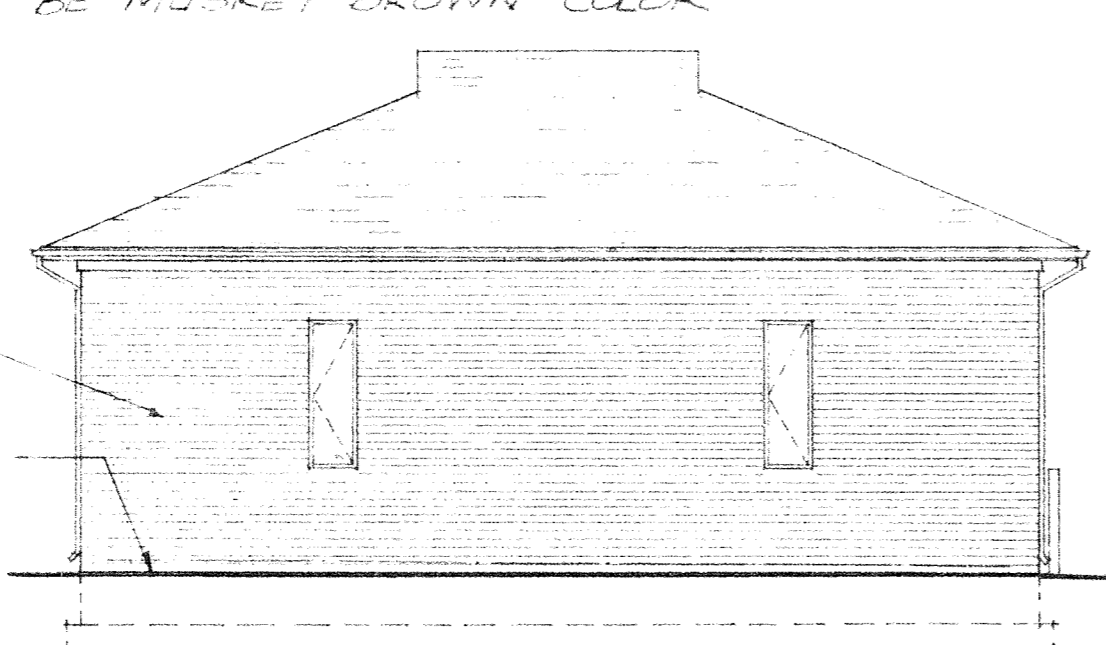
COM. NO. 6403  
 SHEET NO. A1  
 Page 11 of 24



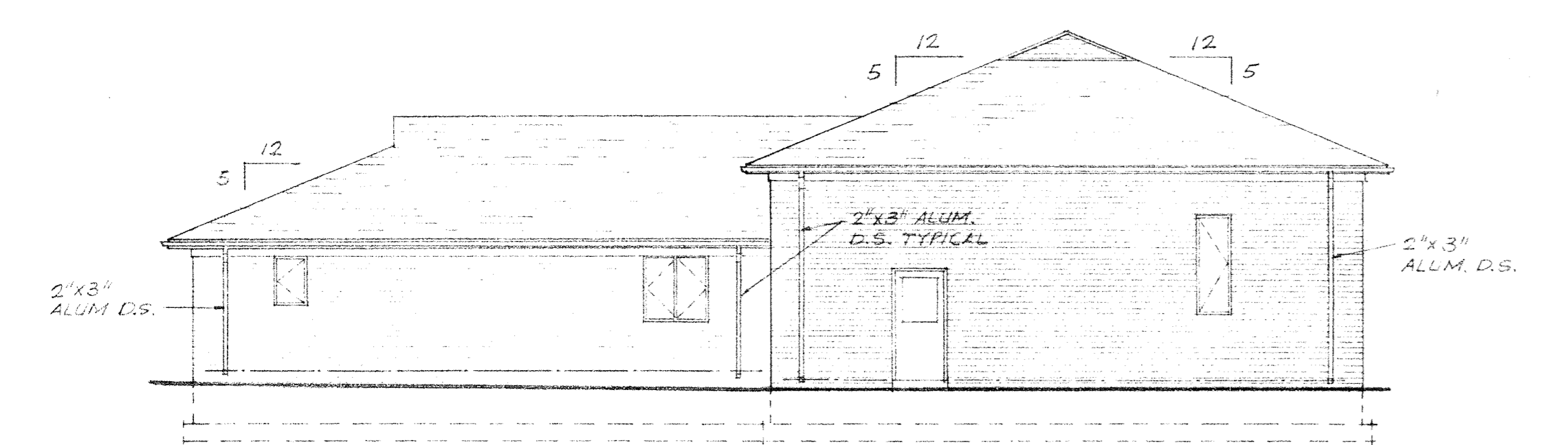
FRONT ELEVATION  
1/8" = 1'-0"



RIGHT SIDE ELEVATION  
1/8" = 1'-0"



LEFT SIDE ELEVATION  
1/8" = 1'-0"



REAR ELEVATION  
1/8" = 1'-0"

**FINISH SCHEDULE ABBREVIATIONS**

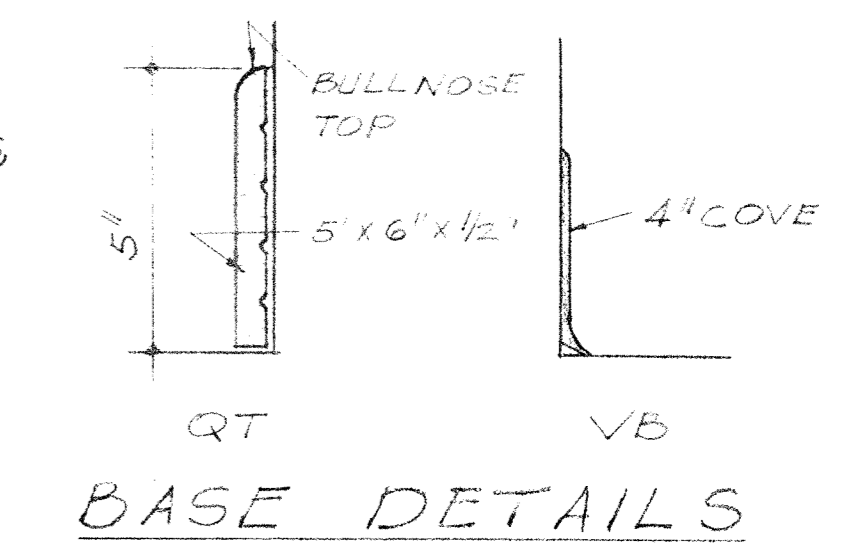
CONC	EXPOSED CONCRETE
EGB	ENAMELED GYPSUM BOARD
EMB	ENAMELED MASONRY BLOCK
QT	QUARRY TILE
PGB	PAINTED GYPSUM BOARD
RVT	COMPOSITION VINYL TILE
STGB	SPRAYED TEXTURED FINISH ON GYPSUM BOARD
TCONC	TINTED CONCRETE
VB	VINYL BASE

**SCHEDULE OF INTERIOR FINISHES**

SPACE NO.	SPACE NAME	FLOOR	BASE	WCST	WALL	CLG.	CLG. HGT.	REMARKS
---	APPARATUS ROOM	TCONC	---	---	EMB	EGB*	**	* NOTE F-1, ** SEE SECT'S B-1-3 & C-1-3
---	VESTIBULE	QT	QT	---	EMB	STGB	8'-0"	
---	LOUNGE	QT	QT	---	EMB	STGB	8'-0"	
---	KITCHEN	QT	QT	---	EMB	STGB	8'-0"	
---	MECHANICAL ROOM	CONC	VB	---	PGB	PGB	8'-0"	
---	EQUIPMENT ROOM	CONC	VB	---	PGB	STGB	8'-0"	
---	OFFICE	RVT	VB	---	PGB	STGB	8'-0"	
---	DORMITORY	RVT	VB	---	EGB	STGB	8'-0"	
---	TOILET	QT	QT	---	EGB	EGB	8'-0"	

**FINISH SCHEDULE NOTES:**

- F-1 CEILING TO BE (2) LAYERS OF 5/8" TYPE-X GYPSUM BOARD.
- F-2 USE WP-327 WD. CASING FOR TRIM AROUND DOORS, WINDOWS, LABELED DIENNGS & VIEW WINDOW.



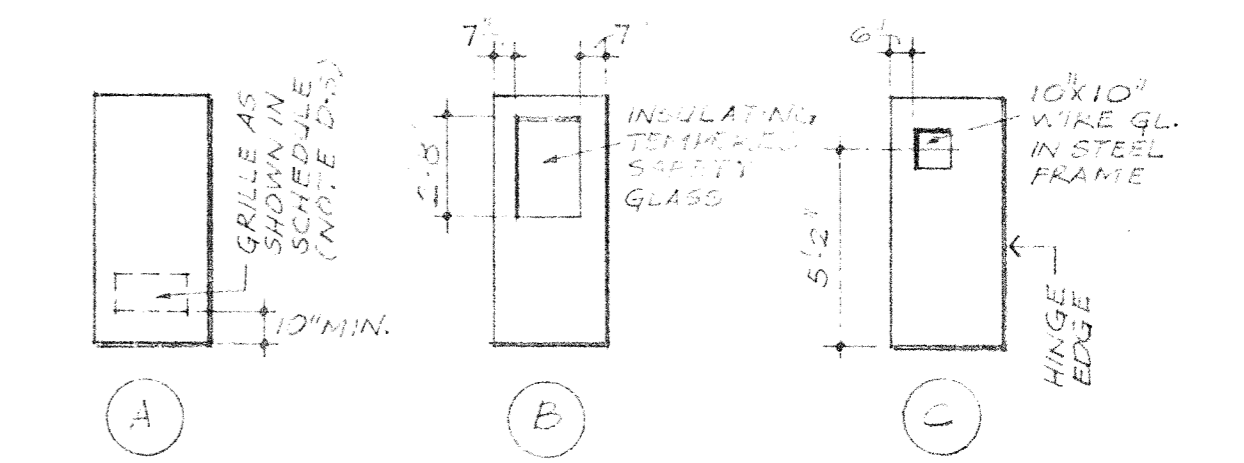
BASE DETAILS

**DOOR SCHEDULE**

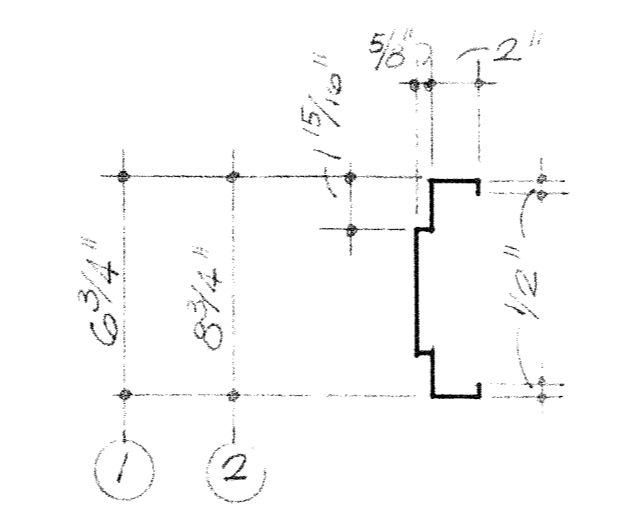
MARK	DOOR			FRAME			HALLWAY SET	THRESHOLD	LINTEL	U.L. RATING (NO. & QTY.)	F.T.W. SH.	COUNT	REMARKS
	TYPE	SIZE	MTL	MTL	TYPE	DTL							
1	B	3'-0"	HM	RS	1	3'-0"	---	T-1	---	---	---	---	NOTE D-7
2	C	3'-0"	MET	RS	1	1'-5"	---	T-1	L-2	1hr B'	---	---	NOTE D-7
3	B	3'-0"	WD	---	---	---	---	---	---	---	---	---	
4	C	3'-0"	MET	RS	1	1'-5"	---	T-1	L-2	1hr B'	---	---	NOTE D-7
5	B	3'-0"	HM	RS	2	2'-6"	---	T-1	L-3	---	---	---	NOTE D-7
6	A	2'-8"	WD	---	---	---	---	T-2	---	---	---	---	
7	A	2'-8"	WD	---	---	---	---	T-2	---	---	---	---	
8	A	2'-6"	WD	---	---	---	---	T-3	---	---	---	---	
9	A	3'-0"	WD	435 CFM	---	---	---	T-3	---	---	---	---	
10	A	3'-0"	WD	150 CFM	---	---	---	T-3	---	---	---	---	

**DOOR SCHEDULE NOTES:**

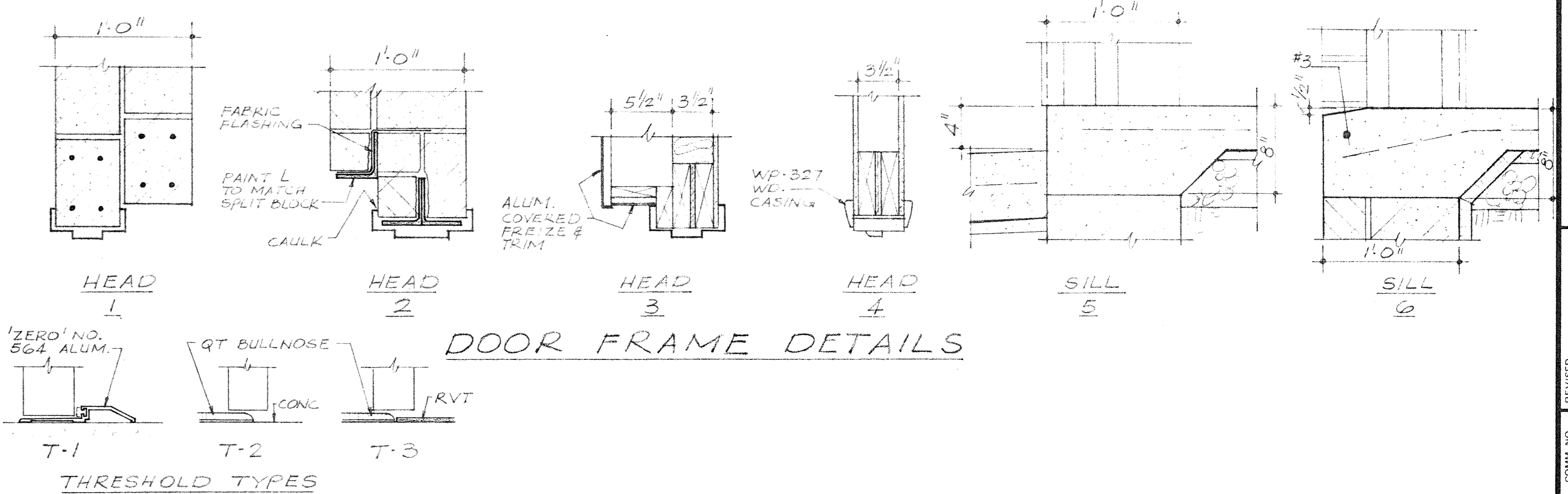
- D-1 All doors to be 6'-8" high and 1-3/4" thick unless otherwise indicated.
- D-2 All R. S. frames in masonry walls to be filled with mortar in head and jamb.
- D-3 CAUTION: Grille size is net free area required (not grille dimensions).
- D-4 All U.L. rated doors shall have a R.S. frame of the same U.L. rating.
- D-5 Metal door astragals for metal doors shall be furnished by metal door manufacturer.
- D-6 ABBREVIATIONS:  
 RS - Rolled Steel  
 WD - Wood  
 MET - Metal  
 UC - Undercut  
 H - Hinge  
 P - Paint  
 N - Natural  
 IM - Hollow Metal w/ INSULATING CORE
- D-7 COMPLETELY WEATHERSTRIP DOOR



DOOR TYPES



DOOR FRAME TYPES



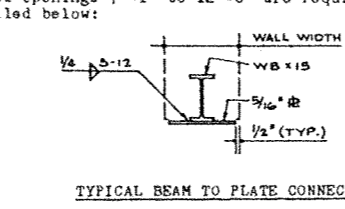
THRESHOLD TYPES

**LINTEL SCHEDULE**

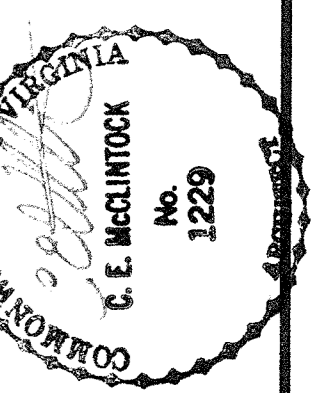
MARK	DIAGRAM	PRE-CAST MASONRY	STEEL	REINFORCING	REMARKS
L-1		7 5/8" x 7 5/8"	(1) L 4" x 3 1/2" x 5/16"	(2) #4 TOP (2) #4 BOT	
L-2		(2) 5 7/8" x 7 5/8"	---	(2) #4 TOP EA. (2) #4 BOT EA.	
L-3		---	(3) L 4" x 3 1/2" x 5/16"	---	

**LINTEL SCHEDULE NOTES:**

- 1-1. Masonry:  
Pre-Cast Masonry - 8" each end.  
Steel - 8" each end unless otherwise indicated.
- 1-2. Lintels for all doors are indicated in door schedule.
- 1-3. For masonry lintels use dust caps, etc. in masonry walls and set over & fl. side, use one angle 2" x 1/4" x 1/4" for each 1/2" of wall thickness unless otherwise shown on Floor Plan. All such lintels to bear at least 6" on masonry at each end.
- 1-4. First dimension shown for angle lintels indicates vertical leg.
- 1-5. Head and R in built-up lintels are to be the same length, unless otherwise indicated.
- 1-6. Lintels for architectural openings are shown on the structural and architectural drawings. Where openings are required and lintels are not shown, provide the following angle sizes for each course 1/2" of wall thickness:  
 Masonry Opening: Up to 6'-0" (0'-1" to 6'-0")  
 Lintel Size: 1 L x 1-1/2" x 5/16", 2 L x 1-1/2" x 5/16", 3 L x 1-1/2" x 5/16"
- 1-7. Wherever lintels are scheduled to be used over electrical raceboards or any recessed cabinets with pipes or conduits rising vertically from same, lintel shall be installed a minimum of 6" (one full block course) above ceiling.
- 1-8. Where architectural openings 7'-1" to 12'-0" are required but not shown, lintel is to be beam end plate as detailed below.



TYPICAL BEAM TO PLATE CONNECTION

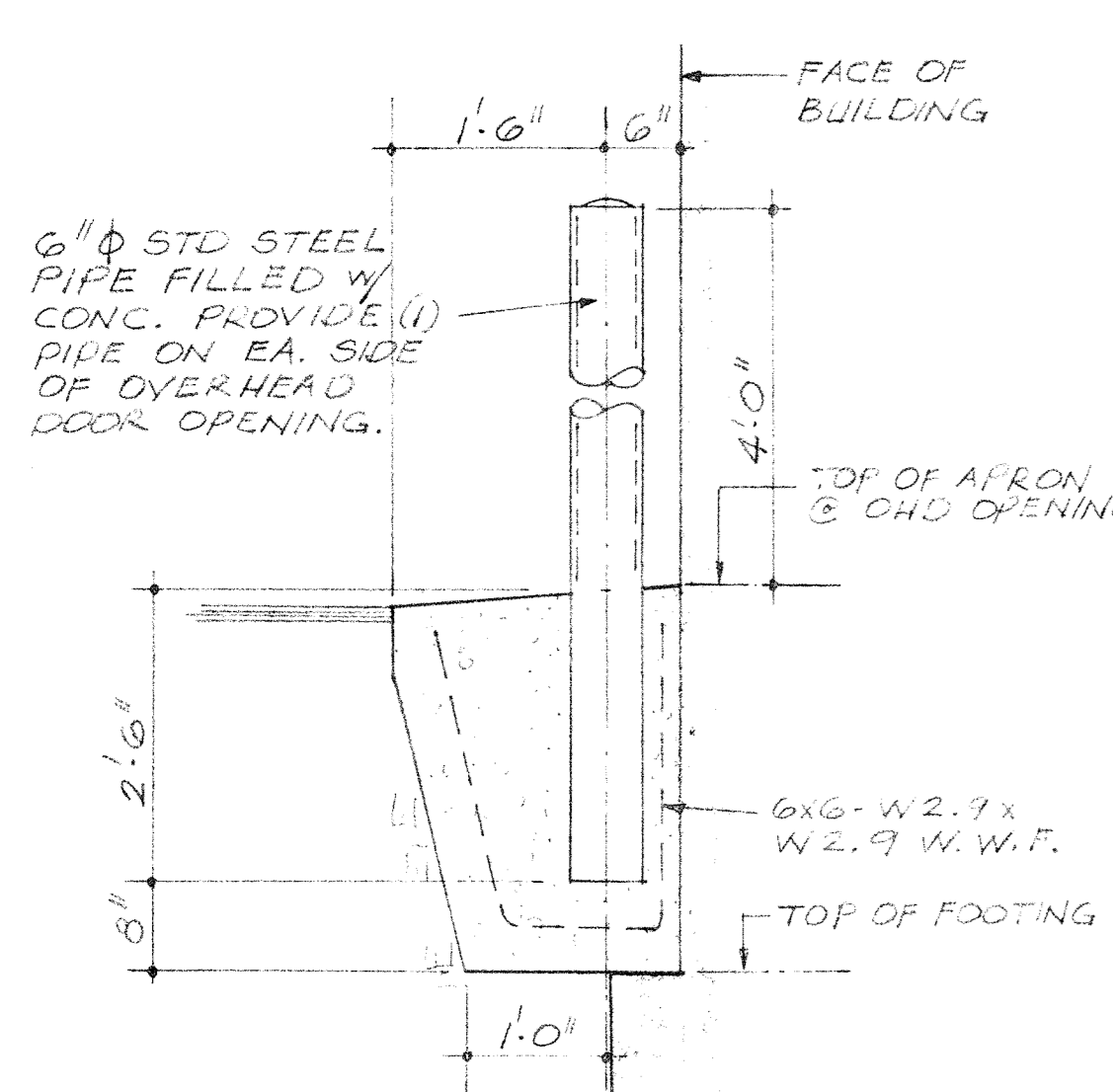


McCLINTOCK AND ASSOCIATES A.I.A.  
 ARCHITECTS  
 110 NEWMAN AVE. - HARRISONBURG, VA. 22801  
 703/434-1346

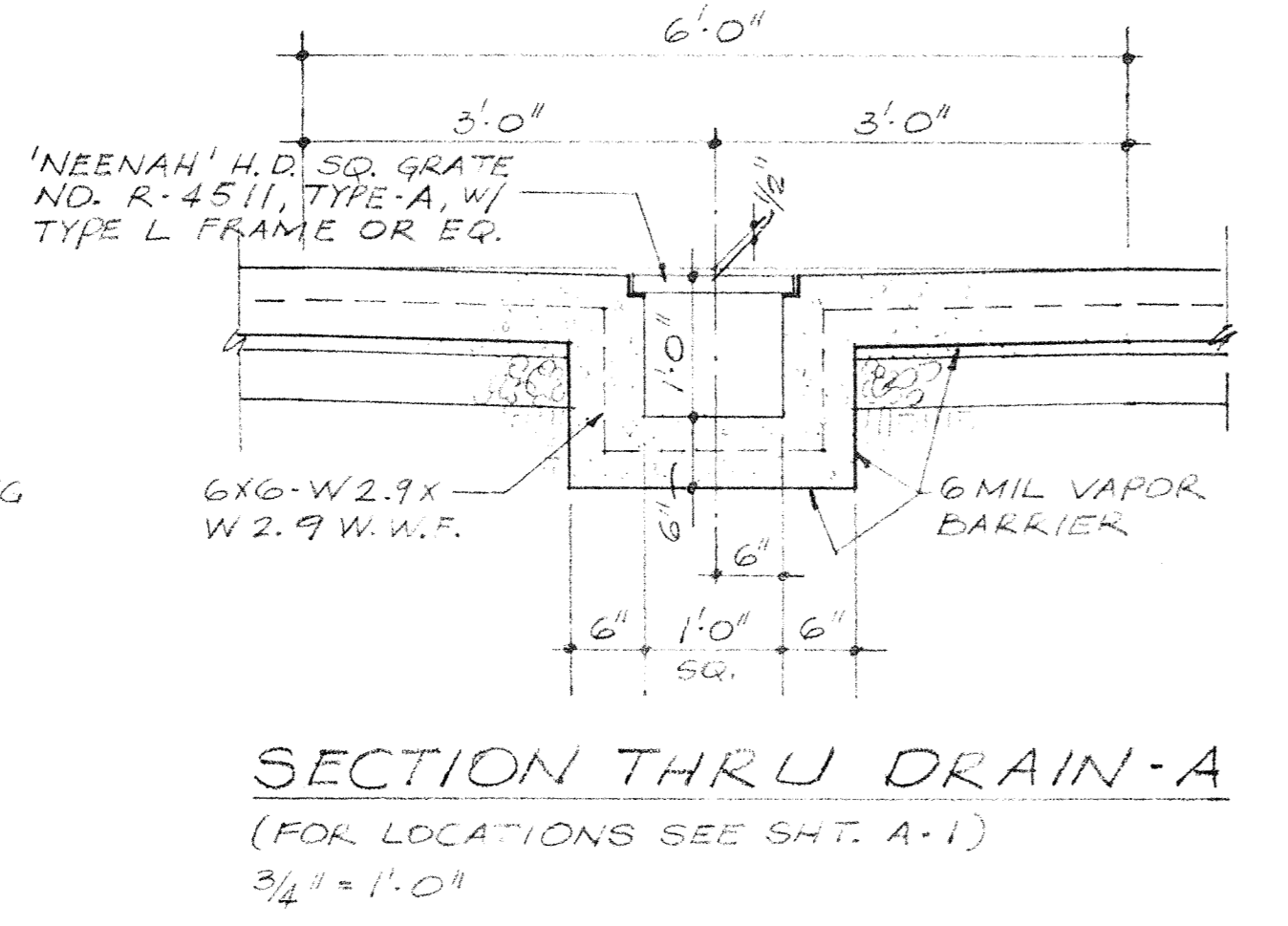
CITY OF HARRISONBURG  
 FIRE STATIONS  
 NO. 2 AND NO. 3  
 HARRISONBURG, VA.

ELEVATIONS  
 DOOR SCHEDULE  
 FINISH SCHEDULE

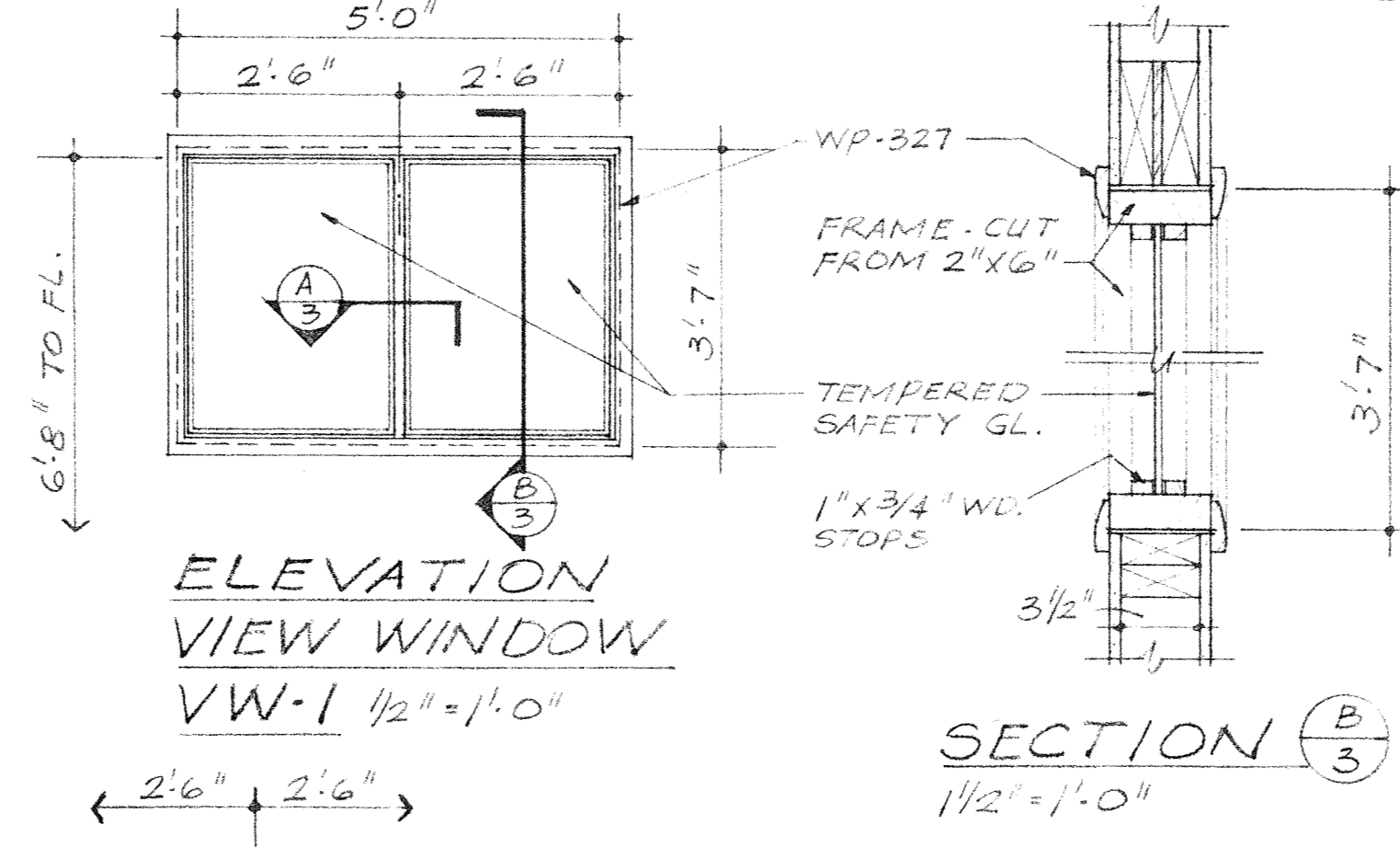
REVISED  
 8403  
 DATE APRIL 12, 1984  
 SHEET NO. A2  
 DRAWN ABR



**TYPICAL PIPE GUARD DETAIL**  
3/4" = 1'-0"

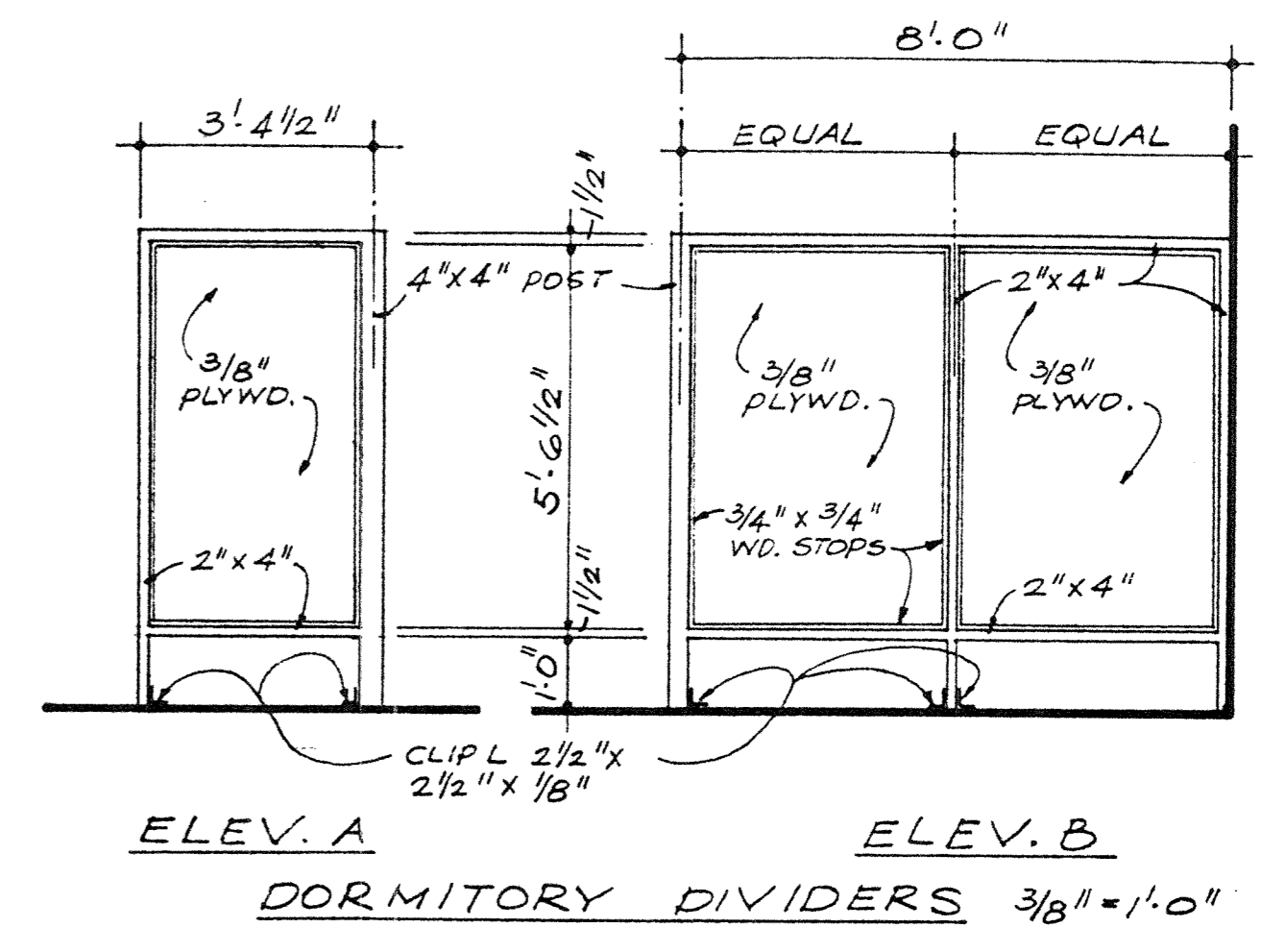


**SECTION THRU DRAIN-A**  
(FOR LOCATIONS SEE SHT. A-1)  
3/4" = 1'-0"

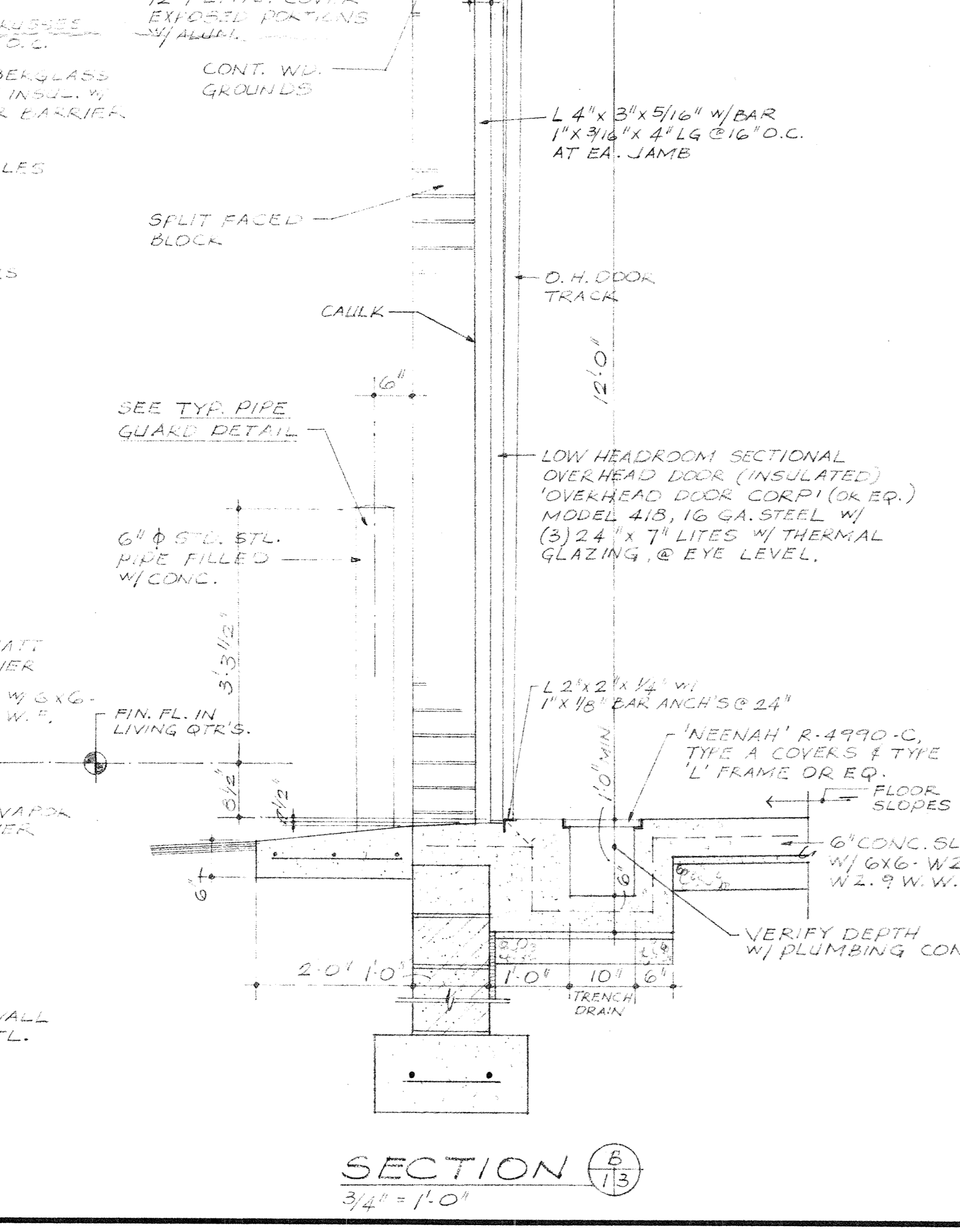
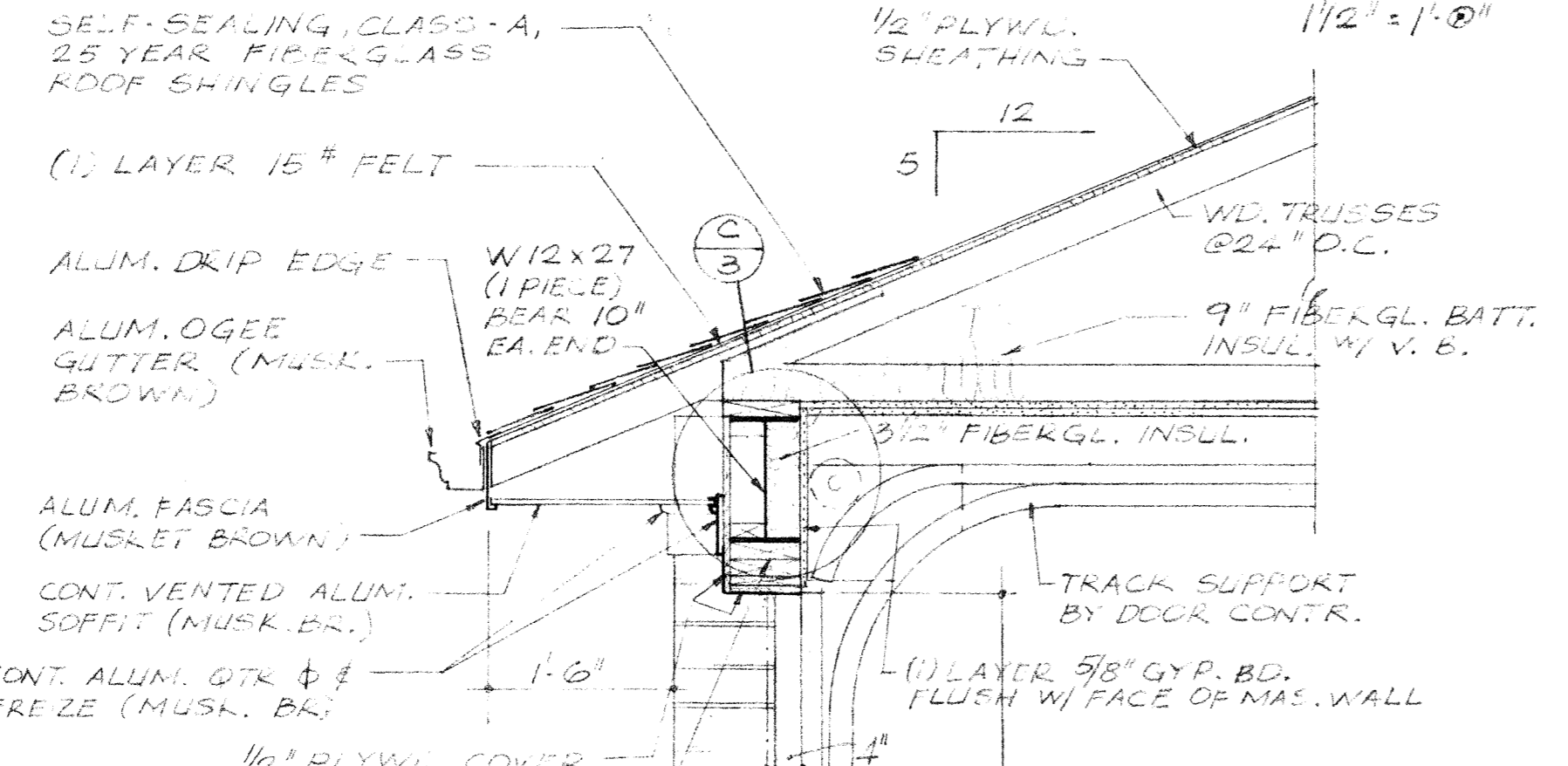
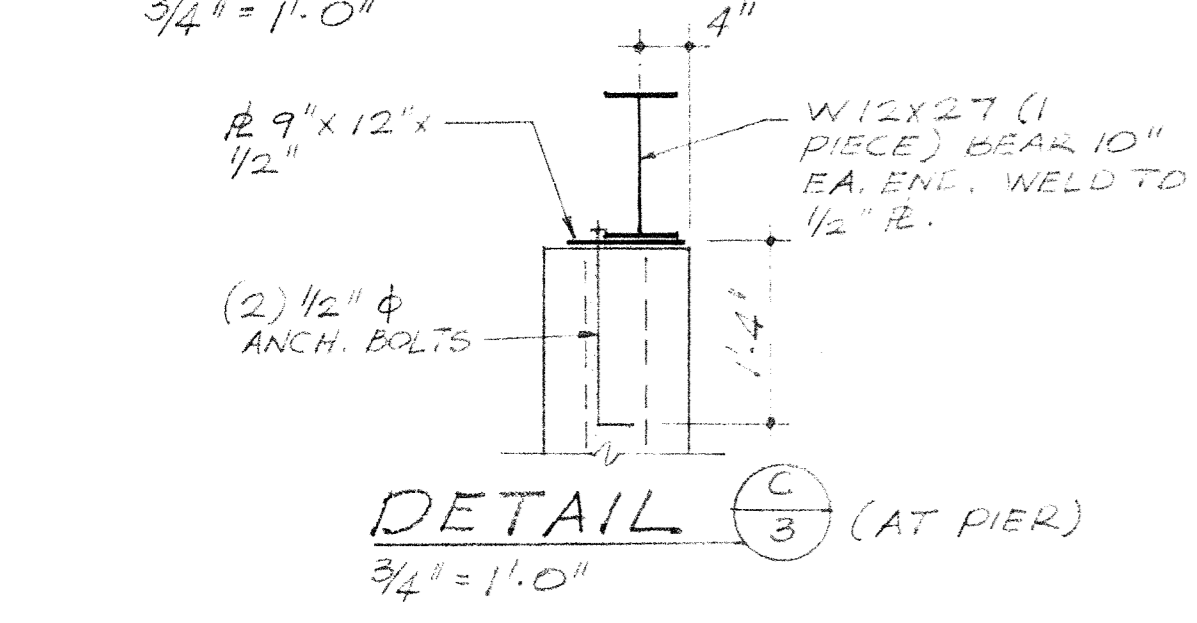


**ELEVATION VIEW WINDOW**  
1/2" = 1'-0"

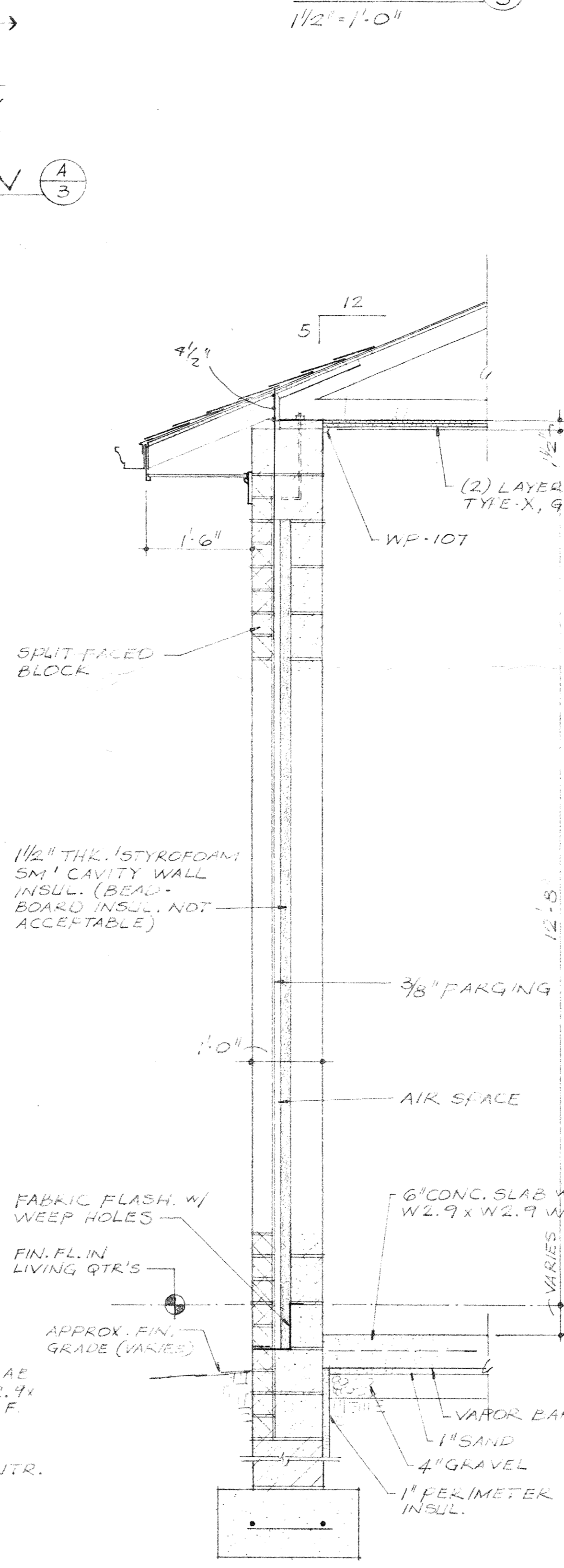
**SECTION B**  
1/2" = 1'-0"



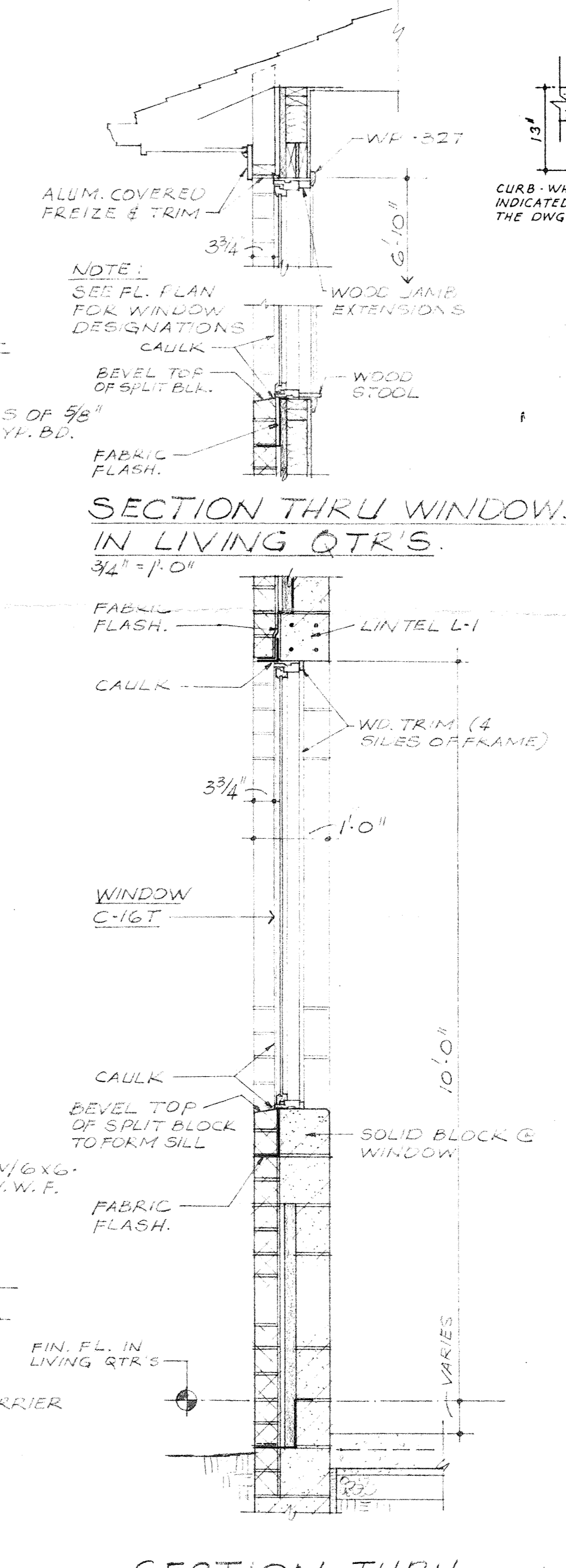
**ELEV. A**  
**ELEV. B**  
**DORMITORY DIVIDERS** 3/8" = 1'-0"



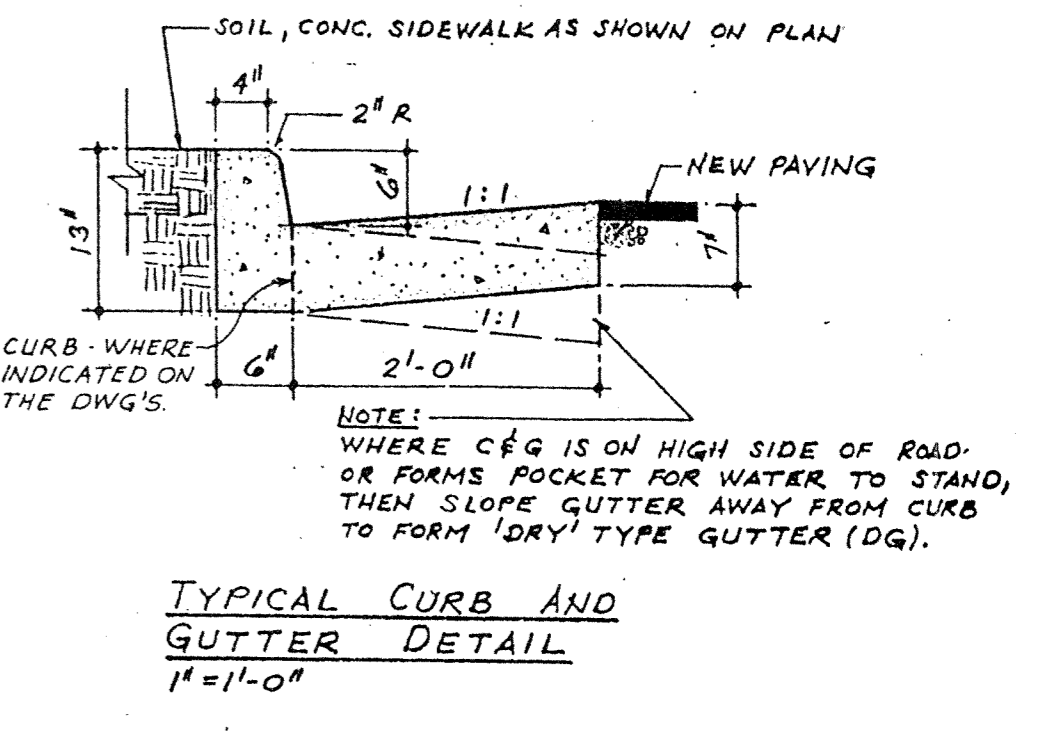
**SECTION A**  
3/4" = 1'-0"



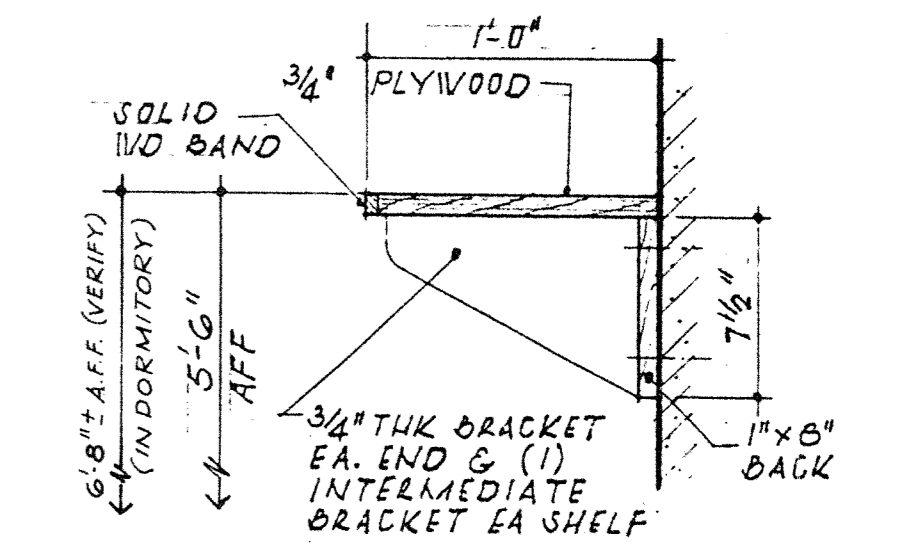
**SECTION C**  
3/4" = 1'-0"



**SECTION THRU WINDOWS IN APPARATUS RM.**  
3/4" = 1'-0"



**TYPICAL CURB AND GUTTER DETAIL**  
1" = 1'-0"



**SHELF DETAIL**  
1/2" = 1'-0"

LOOSE FILL MASONRY INSULATION. FILL ALL BLOCK 'CORES' IN PERIMETER WALLS OF APPARATUS RM. WITH PERLITE MAS. FILL INSUL. EXCEPT PORTIONS OF WALLS BACKING UP TO CAVITY WALL INSUL. TYPICAL FOR ALL (4) WALLS.

REVISIONS

CITY OF HARRISONBURG  
FIRE STATIONS  
NO. 2 AND NO. 3  
HARRISONBURG, VA.

McCLINTOCK AND ASSOCIATES A.I.A.  
ARCHITECTS  
110 NEWMAN AVE. - HARRISONBURG, VA. 22801  
703/434-1346  
No. 1229

WALL SECTIONS

DATE: APRIL 12, 1984  
DRAWN: ABR

8403  
A3

HEAT PUMP  
 HEAT PUMP TO PROVIDE 35.8 MBH TOTAL HEATING, 26.0 MBH COOLING, 1.35 MBH HOT WATER HEATING. 1500 CFM TO THE HEATING CAPABILITY BASED ON DELTA TEMPERATURE OF 50 F. FOR THE HEATING. 75% HEAT TO OUTDOOR AIR. PROVIDE 15 MBH SUPPLEMENTAL HEAT UNIT TO BE 1/2" DIA. 25" H. 25" W. WITH 1/4" BLOWER FLOW. 25" DIA. OR APPROVED EQUAL. PROVIDE 4" THK. CONC. PAD, VERIFY SIZE OF PAD.

EXHAUST FANS  
 EF-1 135 CFM 5/11" AIR 7/11" W/SCR CONTROLLER 1/2 HP 1550 RPM (OR APPROVED EQUAL)  
 EF-2 2670 CFM 24" SP. 5/11" AIR 7/11" W/SCR CONTROLLER 1/2 HP 1140 RPM (OR APPROVED EQUAL)

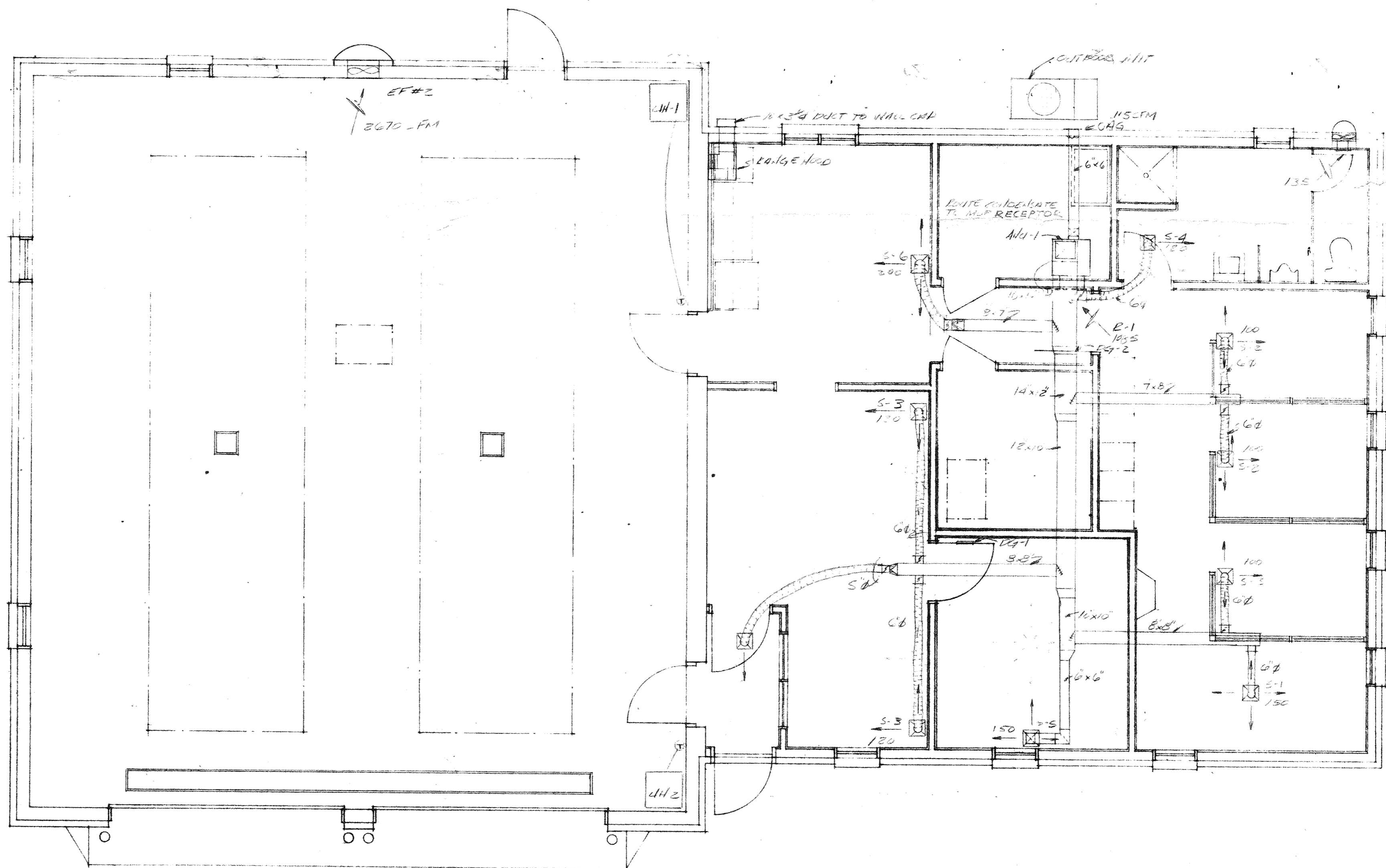
UNIT HEATERS  
 UH-1 20 GALLON E-4 HP 3/17" OR APPROVED EQUAL 25" DIA. 6" H. 1/2" DIA. 150 CFM W/ UPB-3 WALL PANEL.

RAILROAD EXHAUST  
 REMOVE 11" (24") W/SCR W/ WALL CAP, OR APPROVED OR THE OTHER BY ARCHITECT

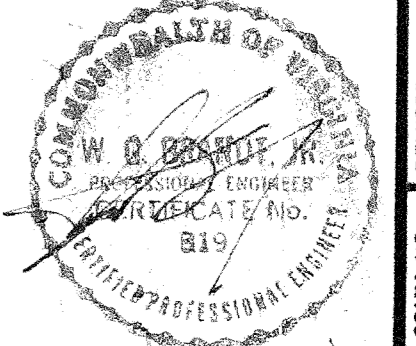
DUCTS, GRILLS & EXHAUSTS

NO.	FIN.	SIZE	HC	MATERIAL	NO. OF PANELS	REMARKS
S-1	150	6" x 6"	20	METAL W/SCR	20 x 6"	W/SCR & SOURCE TO E-1 TRANSFER 4" W/
S-2	100	6" x 6"	20	do	do	do
S-3	120	6" x 6"	20	do	do	do
S-4	120	6" x 6"	20	do	do	do
S-5	150	6" x 6"	20	do	do	W/SCR
S-6	200	12" x 12"	20	do	do	do
S-7	50	5" x 5"	20	do	do	do
DE-1	150	—	25	do	3000g-15	13" x 6"
DE-2	435	—	25	do	do	10" x 13"
E-1	1240	24" x 20"	25	do	E-1	do
OA-1	115	—	do	do	do	CS (CONSTRUCTION SPECIFICATIONS)

- RECOMMENDED SPECIFICATIONS
- ALL PIPES & PERMITS TO BE PAID & OBTAINED BY MECHANICAL CONTRACTOR
  - ALL EQUIPMENT & MATERIALS TO BE NEW UNLESS OTHERWISE SPECIFIED IN ORIGINAL CONTRACT & PERMITS
  - COORDINATE WORK WITH OTHER TRADES
  - MECH SYSTEM TO BE COMPLETE INCLUDING & PROVIDED UNDER THIS CONTRACT. INSTRUCT CONTRACTOR AS TO THE USE
  - INSTALL SHEET METAL ACCORDING TO SAMA NA AS SPECIFIED BY MECHANICAL CONTRACTOR, BUT CHECK 1/2" OR CH SUPPLY DUCT & RETURN PERMITS.



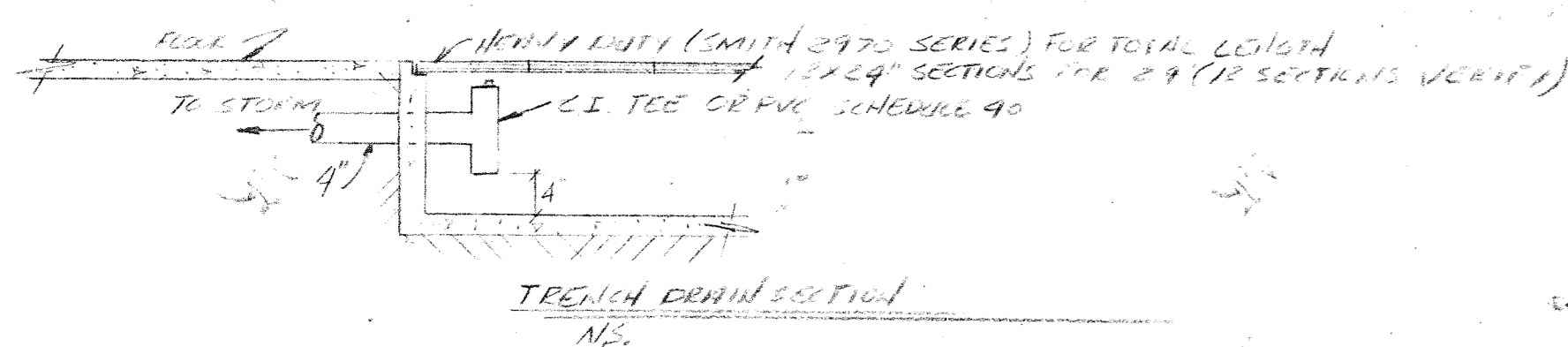
FLOOR PLAN  
 1/4" = 1'-0"



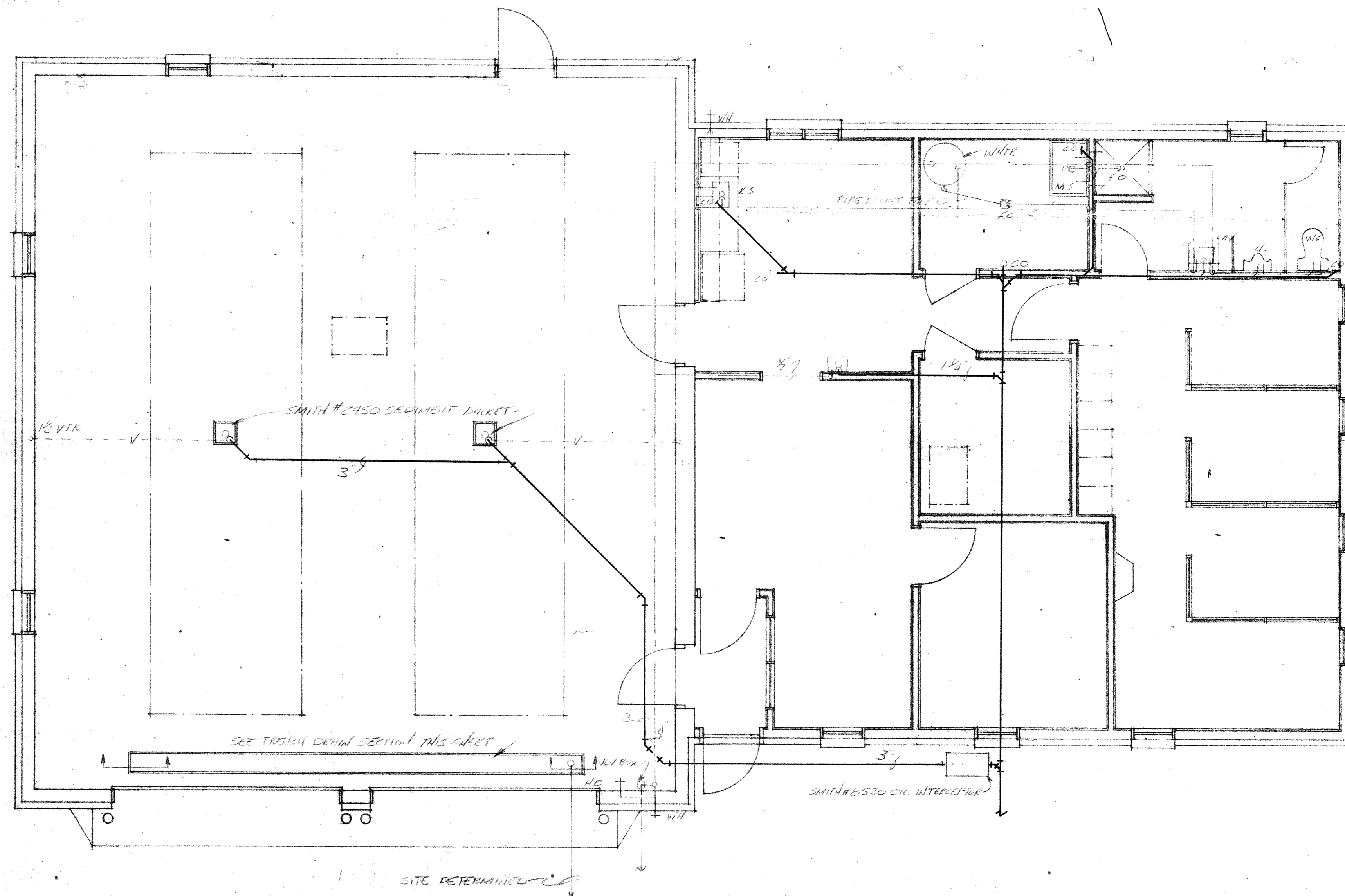
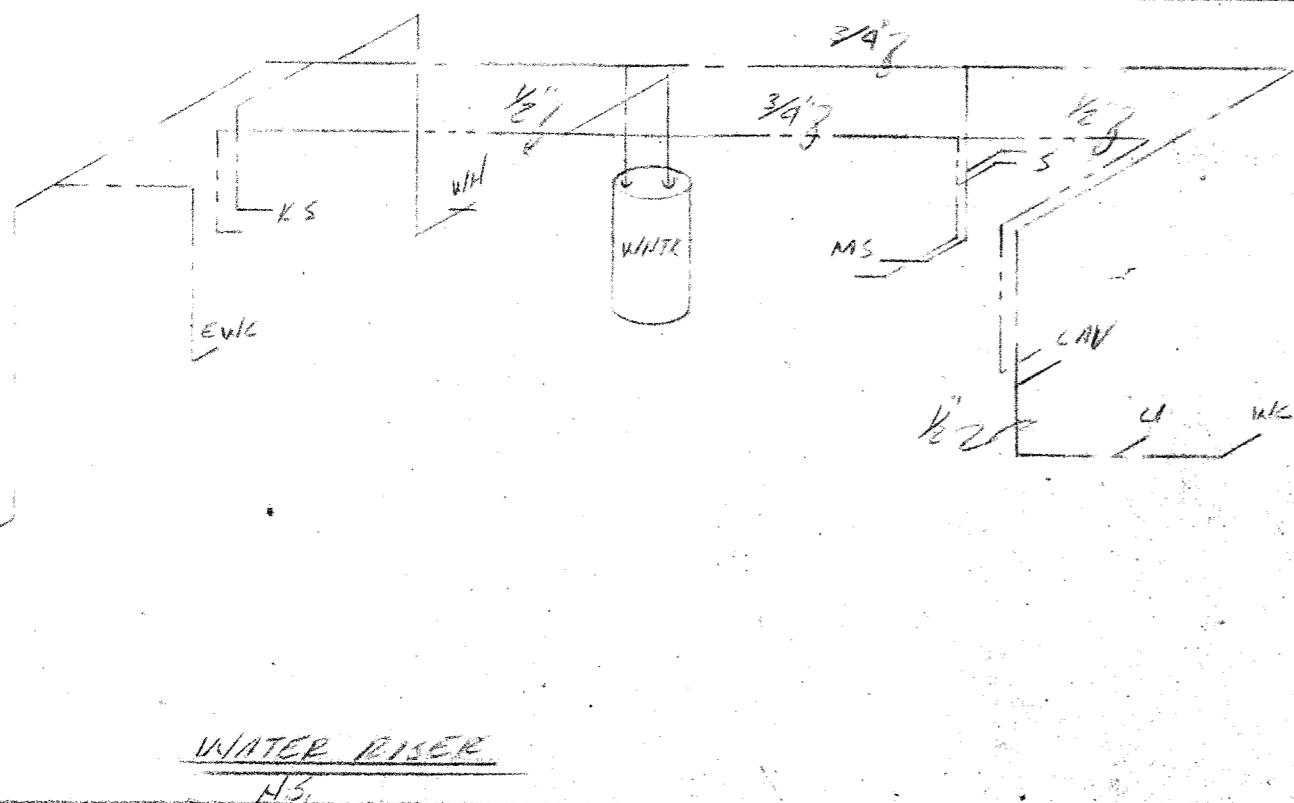
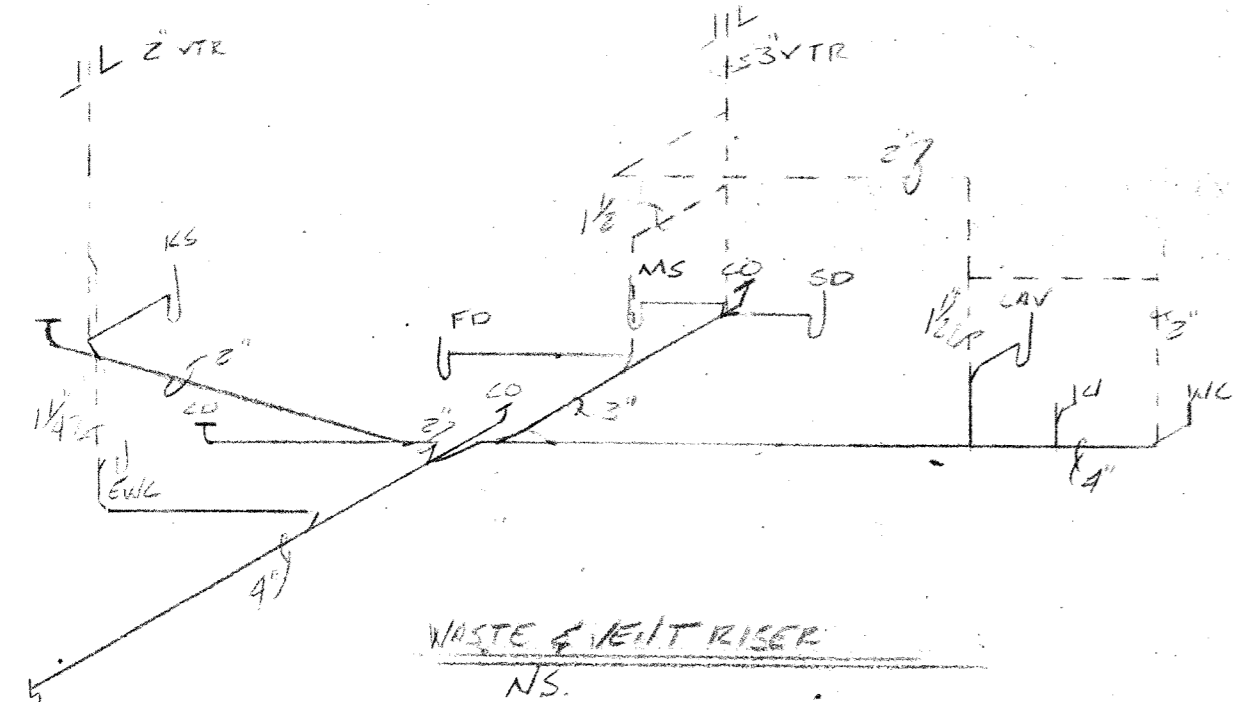
REVISIONS	
<b>McCLINTOCK AND ASSOCIATES A.I.A.</b> ARCHITECTS 110 NEWMAN AVE. - HARRISONBURG, VA. 22801	
CITY OF HARRISONBURG FIRE STATIONS NO. 2 AND NO. 3 HARRISONBURG, VA.	
DRAWING NO. <b>8403</b>	DATE APRIL 12, 1984
SHEET NO. <b>M</b>	DRAWN <b>T</b>

ABBREVIATED SPEC & NOTES

- 1) ALL WORK SHALL BE DONE BY QUALIFIED MECHANICS, INSTALLED IN ACCORDANCE TO LOCAL CODES & ORDINANCES  
 2) ALL PERMITS, FEES ETC. INCLUDED IN BID  
 3) ALL GUARANTEES & WARRANTIES STANDARD 1 YEAR P&C  
 4) COORDINATE W/ ALL TRADES  
 5) WATER PIPING TO BE COPPER W/ PROPER SOLDERED JOINTS  
 6) SANITARY LINES ABS OR CI (NOTE LOCAL CODES FOR JOINT TIGHTENING)  
 7) PROVIDE & INSTALL ALL ABOVE FIXTURES, FITTINGS ETC. FOR A COMPLETE PLUMBING WORKING SYSTEM.  
 8) PROVIDE & INSTALL ALL WIRING, EXCEPT APPURTENANCES INCIDENTAL TO THIS PLUMBING SYSTEM IE  
 20 AMP TRAYS, STAYS FOR LIGHT WIRE, S.S. HUNGERS FOR PIPING, ETC.  
 9) VENTS thru roof as required.  
 10) SEND ALL OPENINGS THIRD FLOOR, WALLS ETC. PROVIDE EXECUTIONS TO FINISH OPENINGS.



PLUMBING FIXTURE SCHEDULE						
CHAR.	MANUFACTURER	FIXTURE	TRAP	PIPE SIZE	VENT	REMARKS
WC	BLAZEL	CH-1885	INT	3" 4"	2"	W/SCENT & 802-0225 FITTINGS
U	AO	161-1030	INT	2"	1 1/2"	W/SCENT & 802-0225 FITTINGS
LAV	AO	155-1345	1 1/2"	1 1/4"	1 1/2"	W/SCENT & 802-0225 FITTINGS
SD	SMITH	2005-H	3"	3"	1 1/2"	W/SS. 140 FITTINGS & 804-1180 P TRAP
FD	SMITH	AO	3"	3"	1 1/2"	W/SS. 140 FITTINGS & 804-1180 P TRAP
MS	FINN	MSB-3624	3"	3"	1 1/2"	W/SS. 140 FITTINGS
KS	BLAZEL	2HT-352242	1 1/2"	2"	1 1/4"	W/VENT, STRAINER
NN	SMITH	5510	-	-	3/4"	SHT. RECESSED, FROST PROOF
WTE	STATE	SSX-30-1151	-	-	3/4"	3/4"
EWC	HARVEY TAYLOR	EWM-24	1 1/4"	1 1/4"	1 1/4"	-
HB	SMITH	5709	-	-	3/4"	INT. RECESSED



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

FLOOR PLAN  
1/4" = 1'-0"

REVISIONS

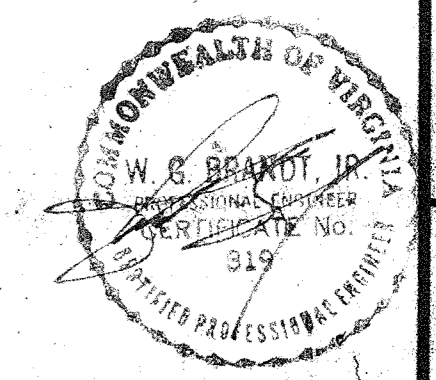
McCLINTOCK AND ASSOCIATES A.I.A.  
ARCHITECTS  
110 NEWMAN AVE. - HARRISONBURG, VA. 22801

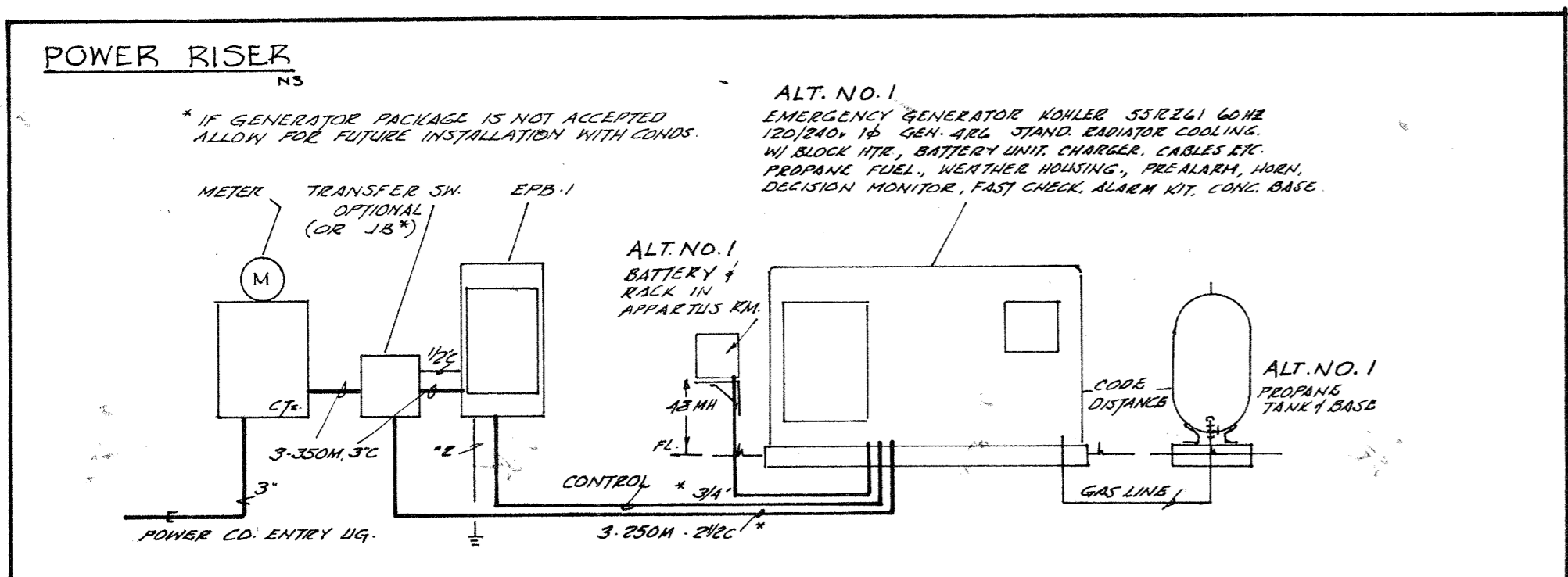
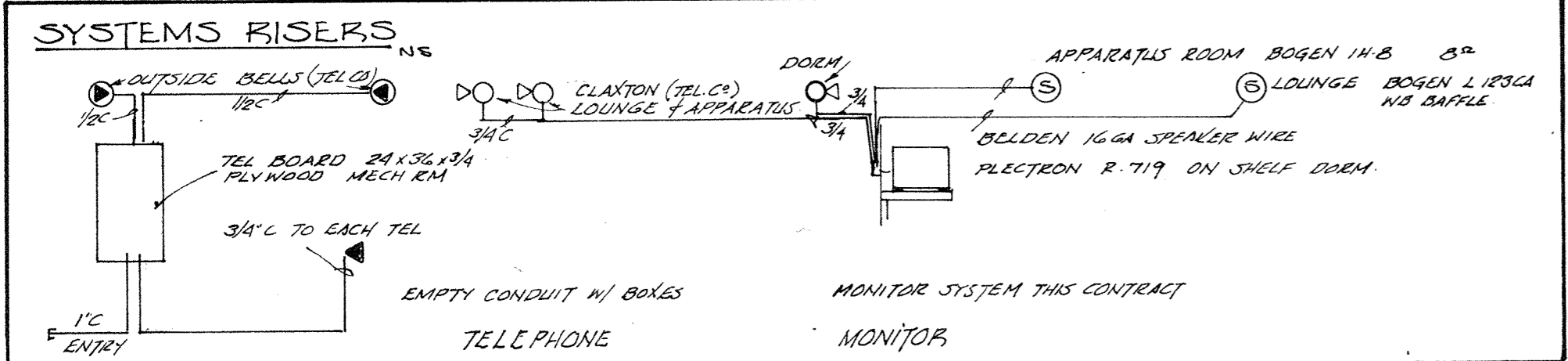
CITY OF HARRISONBURG  
FILE STATION  
NO. 2 AND NO. 3  
HARRISONBURG, VA.

PLUMBING FLOOR PLAN

DATE  
APRIL 12, 1984

8403  
P 1





### EPB-1

GE NLABY 1-120/240V  
 SERVICE RATED  
 MAIN ENR 2P-300A

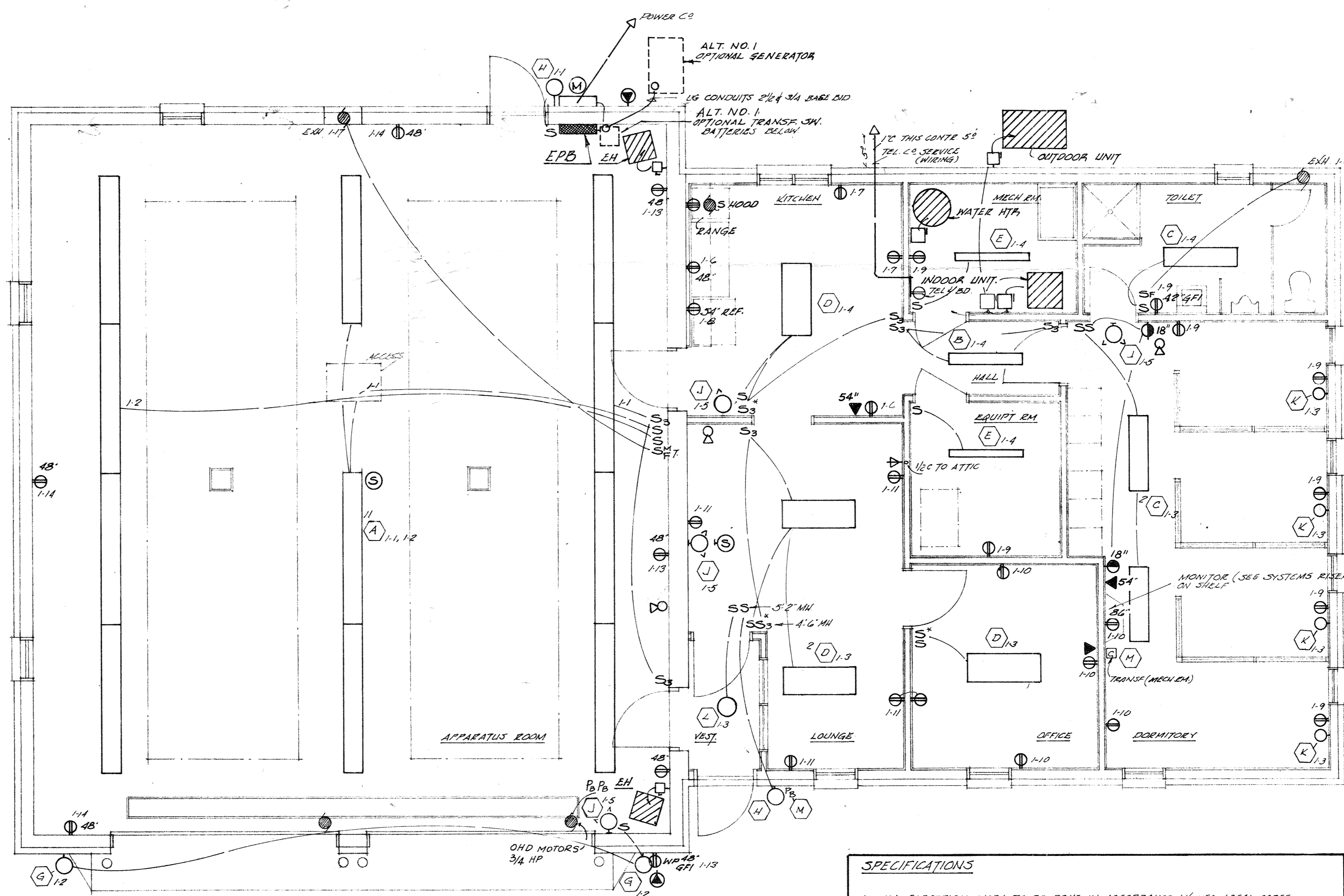
CIRCUIT	OUTLET	SPACES / EQUIPT	PH	F	V	A	WIRE
1-1	APPAR. RM. OUTSIDE		1	1	120	20	12
2	do						
3	VEST. OFF, LOUNGE, DORM						
4	KIT, HALL, T., MECH						
5	CONV. DEDICATED						
6	LITCHEN						
7	do						
8	do REF.						
9	MECH. RM. EQUIPT. DORM						
10	DORM, OFFICE						
11	LOUNGE, OFFICE						
12							
13	APPAR. RM.						
14	do						
15	WATER WTR. MECH. RM. VIA S/S		2	240	30	10	
16	CONV. RANGE					50	6
17	EXHAUST APPAR. RM.					15	12
18	CONTROL DOOR OPERATOR #1					20	12
19	do					20	12
20	HEAT PUMP MECH. RM. VIA S/S					130	1
21	HEAT. APPAR. RM. VIA S/S					40	8
22	do					40	8
23	CONV. TELEPHONE (DEDICATED) MONITOR, CHIMNEY		1	120	20	12	
24	NITE LIGHTS					15	14
25	SIGNAL DEDICATED					20	12
26	SPACE		1	120	20	-	
27	SPACE		2	240	20	-	
28	SPACE		2	240	20	-	
29	ENGINE CONTROL 1 BLOCK WTR. OPTION EMER.		1	120	20	12	

### FIXTURES

MARK	MEQR.	MODEL	LAMP	LENS	MNTG.	REMARKS
A	LITHONIA	AF 296	2-60	-	6" STEEL	EMERG. EFF.
B	LITHONIA	CB 40A	1-35	ACRYLIC COUL.		EMERG. EFF.
C	LITHONIA	PE 440A	4-35	do	do	do
D	LITHONIA	PR 240A	2-35	do	do	do
E	LITHONIA	UH 240	2-35	do	do	do
F						
G	GE	GF 300B	03001	10" OS	W/ WALL BRACKET	DAMP
H	HUBBELL	NRG-128	35 WPS	POLY	7'0"	do
I						
J	EMERGI-LITE	JSC VA 18	2-30W	-	1" BESON WALL	SSK
K	PROGRESS	P2903-30	4-20		54" H	W/ SW/CH
L	PROGRESS	P6641-33	15-1/2"	GLASS	EDGE	
M	NITONE					78" DOWN

### LEGEND

- FLUORESCENT
- INCANDESCENT
- ⊙ EMERG. BATTERY UNIT
- ⊙ NITE LIGHT
- ⊙ CONVENIENCE OUTLET 18" UNLESS NOTE (GFI GROUND FAULT)
- ⊙ RANGE
- ⊙ TELEPHONE 18" UNLESS NOTED
- ⊙ TV OUTLET (BOX + EMPTY COND)
- ⊙ SPEAKER
- ⊙ CLAYTON - HORN
- ⊙ SAFETY SWITCH 3/5 FUSIBLE FUSIS
- ⊙ MOTOR
- ⊙ SWITCH SPST, 3/5 3WAY, 5/4 2WAY, 5/3 PILOT
- ⊙ MANUAL STARTER 5/4 MANUAL STARTER FAN W/O THE WATER ASH
- ⊙ EPB - PANELBOARD
- ⊙ PUSH BUTTON
- ⊙ CHIME
- ⊙ PUSH BUTTONS FOR DOOR CONTROL INSTALLED THIS CONTR. CONTROLS BY OTHERS



- ### SPECIFICATIONS
- ALL ELECTRICAL WORK TO BE DONE IN ACCORDANCE W/ NEC-LOCAL CODES WITH ALL CODES AND
  - COORDINATE W/ OTHER TRADES
  - WIRING SYSTEM | CONDUIT-TWIN | THIN | SPRE DEVICES | FIXTURES W/ LAMPS | PLAYS E.E.
  - WIRE TO MECHANICAL | PLUMBING UNITS | PROVIDE PLUGS 3/5 AT UNITS NOTED
  - STANDARD WARRANTIES | GUARANTEES REQUIRED
  - ALL WORK SHALL BE NEATLY INSTALLED BY COMPETENT ELECTRICIANS
  - WIRE DOOR CONTROLS - REFER TO AREA SECTION

FLOOR PLAN  
 1/4" = 1'-0"

ETS 2101212

REVISIONS

McCLINTOCK AND ASSOCIATES A.I.A.  
 703/434-1346  
 110 NEWMAN AVE. - HARRISONBURG, VA. 22801

CITY OF HARRISONBURG  
 FIRE STATIONS  
 NO. 2 AND NO. 5  
 HARRISONBURG, VA.

ELECTRICAL FLOOR PLAN

REVISED  
 8403  
 SHEET NO  
 DATE APRIL 12, 1984  
 DRAWN  
 E1

COMMONWEALTH OF VIRGINIA  
 W. G. BRANDT, JR.  
 PROFESSIONAL ENGINEER  
 CERTIFICATE NO. 819  
 REGISTERED PROFESSIONAL ELECTRICIAN



# A NEW BUILDING FOR HARRISONBURG FIRE DEPARTMENT STATION NO. 3

HARRISONBURG VIRGINIA

ARCHITECT:  
MILLER CUPP ASSOC., ARCHITECTS, P.C.  
1951-A EVELYN BYRD AVENUE  
HARRISONBURG, VIRGINIA  
22801  
TELEPHONE: (540) 434-6044  
FAX: (540) 434-1142

CONTRACTOR  
HARMAN CONSTRUCTION, INC.  
1024 PLEASANT VALLEY ROAD  
HARRISONBURG, VIRGINIA  
22801  
TELEPHONE: (540) 434-4459  
FAX: (540) 434-4209

CODE COMPLIANCE:  
BASE CODE: BOCA/1996  
OCCUPANCY: USE GROUP B  
OFFICE AREA AND MOTOR VEHICLE GARAGE  
CONSTRUCTION CLASSIFICATION: 5B  
BUILDING LIMITATIONS PER BOCA 503:  
B USE AND 5B CONST.: 2 STORY, 30' HEIGHT, 7,200 S.F.

ACTUAL BUILDING INFORMATION:  
USE B - 4,010 S.F., 1 STORY, 14' HT. ±

SPRINKLER SYSTEM: NOT REQUIRED PER BOCA 904, 904.7

ALARM SYSTEM: NOT REQUIRED PER SECTION 918

DRAFTSTOPPING: 3,000 S.F. LIMIT PER 721.7.2.2; THEREFORE IS REQUIRED

MODEL ENERGY CODE: PRESCRIPTIVE PACKAGE FOR CLIMATE ZONE 11B, MEDIUM FENESTRATION  
CEILING R OF 19 (MIN) WALL R OF 11 (MIN) WINDOW U OF .6 (MAX)

OCCUPANT LOADS:	AREA	S.F.	S.F./ OCCUPANTS (BOCA 1008.1.2)	EXITS
LIVING QUARTERS	2,606 S.F.	100	27	2 REQUIRED, 2 PROVIDED
APPARATUS	1,404 S.F.	300	5	1 REQUIRED, 2 PROVIDED

ACCESSIBILITY FOR DISABLED PERSONS REQUIRED PER BOCA CHAPTER 11

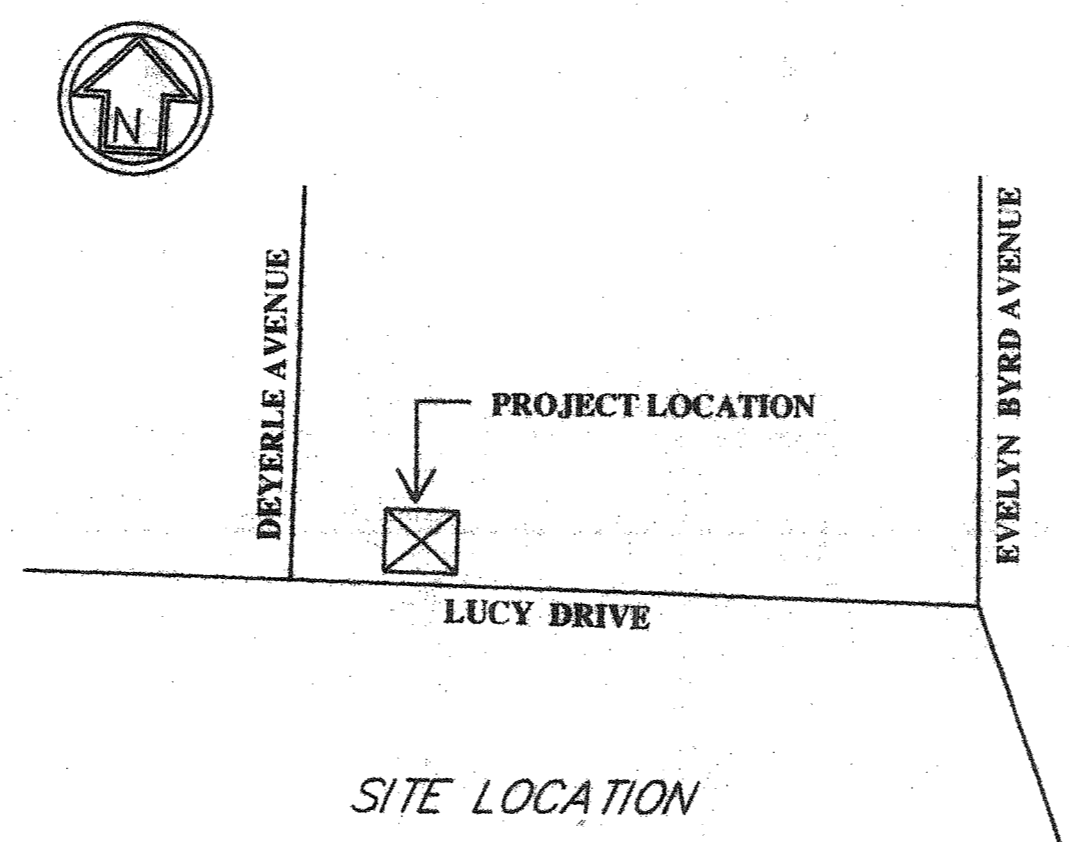
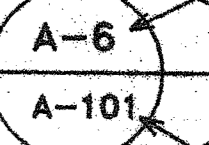

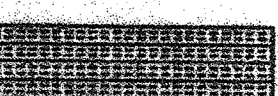
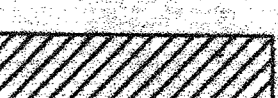







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WALL SECTIONS	SHEET A-303
WALL SECTIONS & DETAILS	SHEET A-304

### SYMBOLS USED

-  DETAIL IDENTIFICATION AND LOCATION OF DETAIL ON SHEET SHEET WHERE DETAIL IS SHOWN
-  FIBERGLASS INSULATION
-  RIGID INSULATION
-  BRICK MASONRY
-  CONCRETE BLOCK MASONRY
-  EARTH
-  CONCRETE
-  CRUSHED STONE
-  WOOD

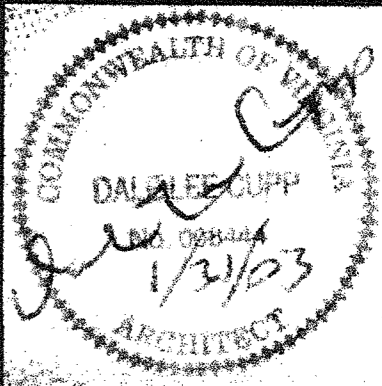
**HARMAN CONSTRUCTION**  
INCORPORATED  
1024 PLEASANT VALLEY ROAD, HARRISONBURG, VA. 22801  
PHONE: (540) 434-4459  
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**MILLER CUPP ASSOCIATES**  
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1951-A EVELYN BYRD AVENUE  
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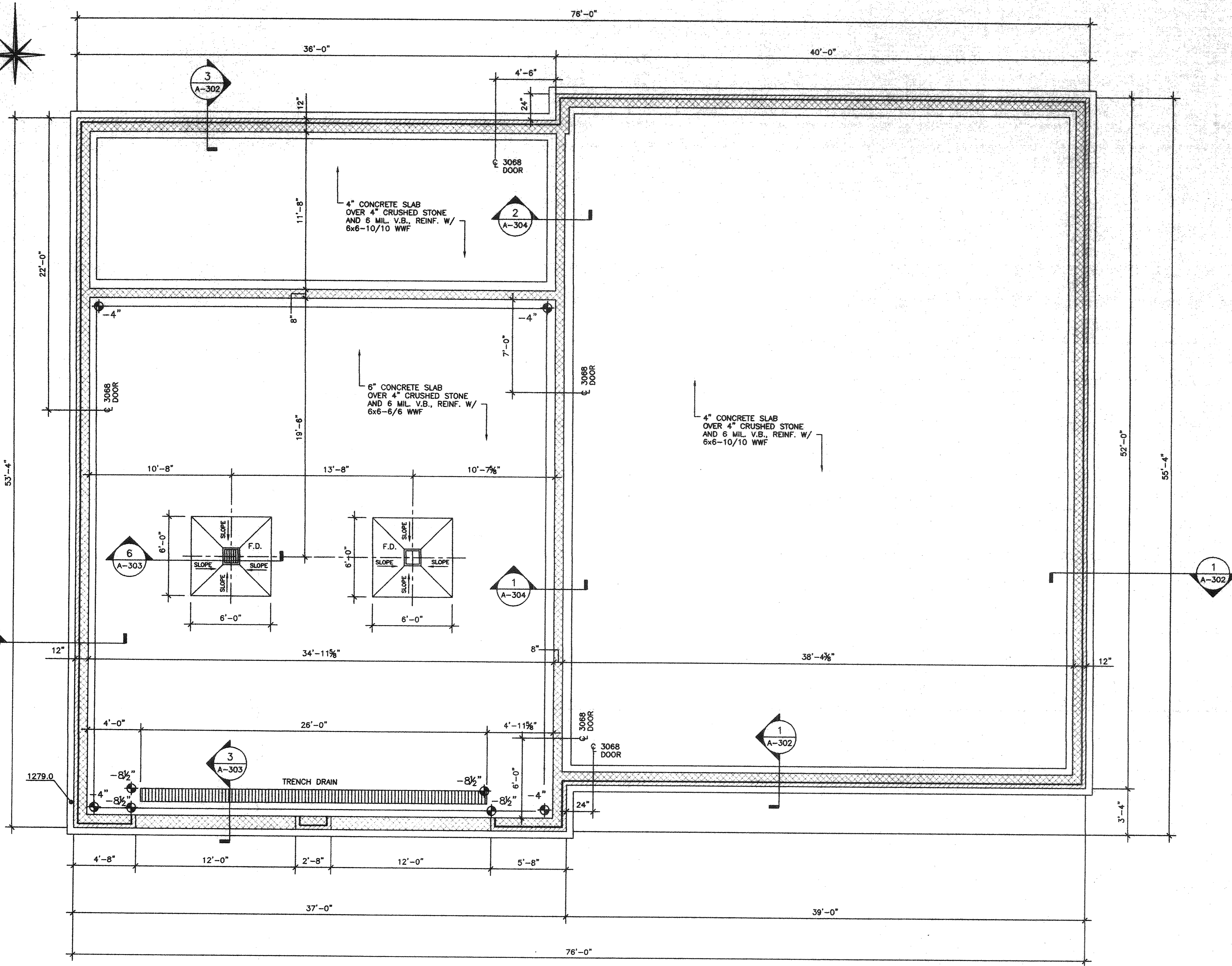
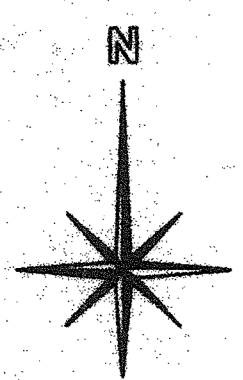
HARRISONBURG FIRE DEPT.  
STATION NO. 3  
HARRISONBURG, VIRGINIA

DRAWN: DRS	CHECKED: DRS
DATE: 1/15/03	CAD FILE: FIRE HOUSE

DRAWING TITLE:  
**COVER SHEET**

	PROJECT NUMBER: -
	SHEET NUMBER: G-101
SHEET 1 OF 8	

SET. NO.



- 1A. THIS PROJECT DESIGNED UNDER USE GROUP CLASSIFICATION B AND CONSTRUCTION CLASSIFICATION 5B.
- B. BUILDING TO CONFORM TO THE VA. UNIFORM STATEWIDE BUILDING CODE AND ALL LOCAL BUILDING REGULATIONS.
- 2A. ALL EXISTING FILL MATERIAL IN BUILDING AREA TO BE REMOVED AND IF SUITABLE RECOMPACTED IN ACCORDANCE WITH THE STANDARD PROCTOR TEST TO 95% MINIMUM COMPACTION.
- B. FOUNDATION DESIGN PRESSURE ASSUMED TO BE 2000 PSF MINIMUM.
- C. ALL FOOTINGS TO REST ON ORIGINAL UNDISTURBED SOIL UNLESS NOTED OTHERWISE STEP FOOTINGS AS NECESSARY TO BEAR ON ORIGINAL SOIL.
- D. WHERE FOOTINGS & FLOOR SLABS MUST REST ON BACKFILLED SOIL EARTH TO BE PLACED TO 95% COMPACTION IN ACCORDANCE WITH THE STANDARD PROCTOR TEST.
- E. BOTTOM OF ALL EXTERIOR FOOTINGS TO EXTEND 24" MINIMUM BELOW FINISH GRADE.
- 3A. CONCRETE FLOOR STRIP FOOTINGS TO BE 3000 PSI AT 28 DAY STRENGTH. CONCRETE FOR PIERS, PIER FOOTINGS, AND SLABS TO BE 3000 PSI STRENGTH. CONCRETE FOR BLOCK FILL MAY BE LEAN MIX CONCRETE OF 2000 PSI STRENGTH.
- B. REINFORCED STEEL TO BE GRADE 60 OR GREATER. WELDED WIRE FABRIC TO BE ASTM A185 STEEL.
- C. SAW CUT JOINTS IN SLAB AT 15' MAXIMUM SPACING; JOINT DEPTH TO BE 1 1/4" MIN.
- 4A. PRECAST LINTELS TO BE PROVIDED OVER ALL OPENINGS LARGER THAN 8" SPAN IN BLOCK WALLS. LINTELS TO BE SAME WIDTH AS WALL AND BE REINFORCED WITH 1 NO. 4 BAR TOP AND BOTTOM FOR EACH 4" OF WALL THICKNESS.
- B. ALL BEAMS AND LINTELS IN MASONRY TO REST ON SOLID MASONRY AT LEAST 8" HIGH. BEAMS AND LINTELS TO HAVE AT LEAST 8" MINIMUM BEARING AT EACH END.
- 5A. ALL STRUCTURAL STEEL TO BE ASTM A36 STEEL.
- B. STEEL CONSTRUCTION TO BE IN ACCORDANCE WITH THE MANUAL OF STEEL CONSTRUCTION.
- 6A. ALL WOOD IN CONTACT WITH SLABS ON GRADE OR MASONRY TO BE PRESSURE TREATED.
- B. STRUCTURAL WOOD TO BE AS FOLLOWS:  
STUDS - NO. 2 OR STUD  
JOISTS - Fb 1200 MIN.
- C. ALL LUMBER TO BE DRIED TO 19% MOISTURE CONTENT S4S. STAMPED PER GRADING.
- D. ROOF TRUSSES TO BE DESIGNED BY A VA. LICENSED PROFESSIONAL ENGINEER FOR THE FOLLOWING LOADS:  
TOP CHORD LIVE - 30 P.S.F.  
TOP CHORD DEAD - 10 P.S.F.  
BOTTOM CHORD DEAD - 10 P.S.F.

1 FOUNDATION PLAN  
S-101 1/4" = 1'-0"

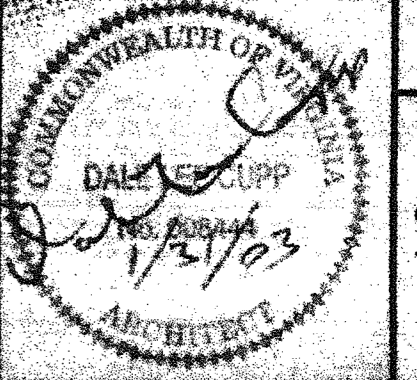
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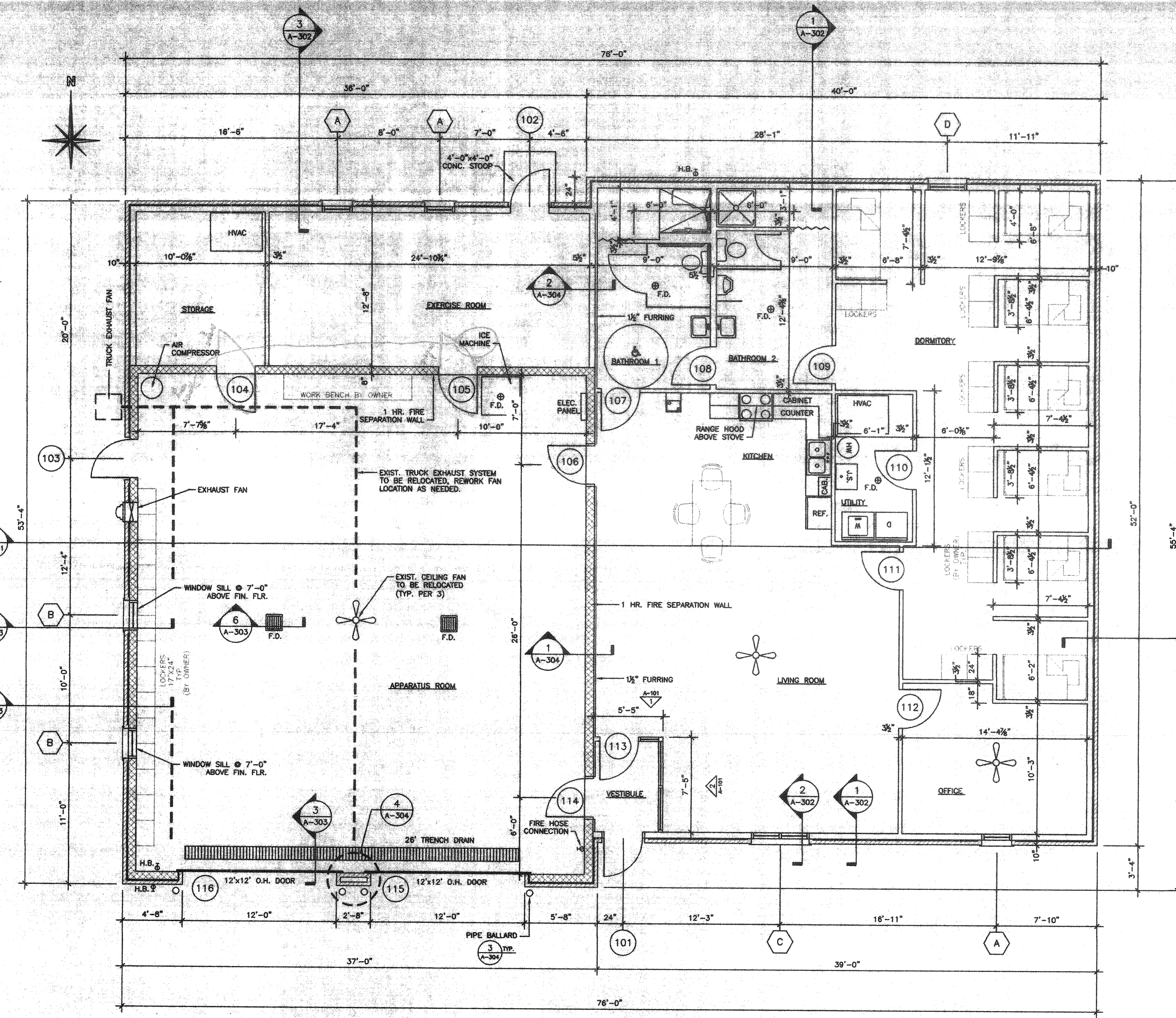
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HARRISONBURG FIRE DEPT.  
STATION NO. 3  
HARRISONBURG, VIRGINIA

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DATE: 1/15/03	CAD FILE: FIRE HOUSE
DRAWING TITLE: FOUNDATION PLAN	

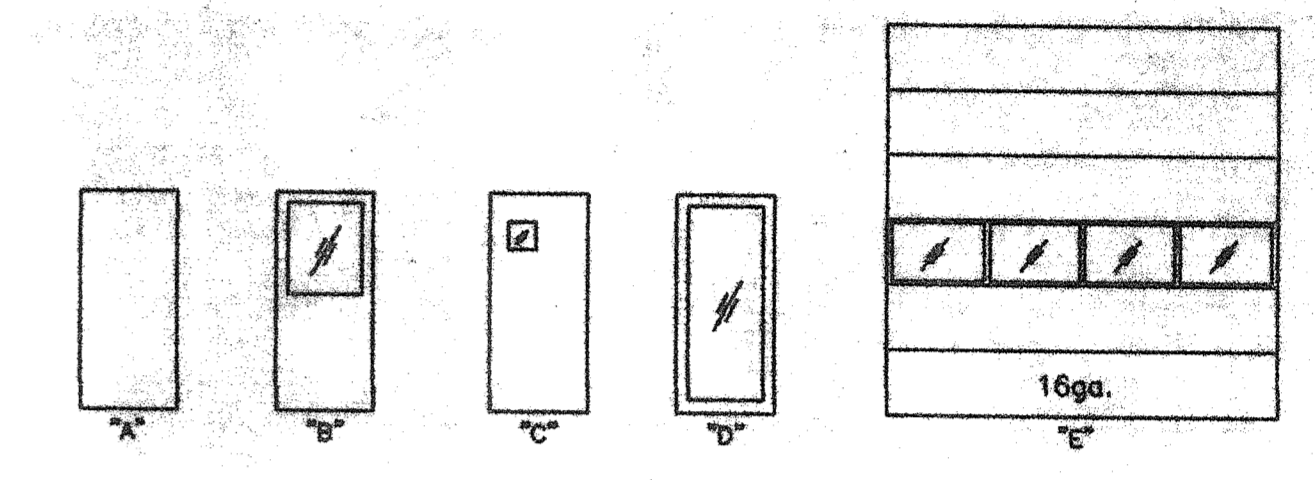
PROJECT NUMBER:  
-  
SHEET NUMBER:  
S-101  
SHEET 2 OF 8





1 FLOOR PLAN  
A-101 1/4" = 1'-0"

DOOR SCHEDULE											
DOOR #	WIDTH	HEIGHT	THK.	TYPE	MATERIAL	FINISH	FRAME MATERIAL	HARDWARE SET	THRESHOLD	FIRE RATING	REMARKS
101	3'-0"	6'-8"	1 3/4"	B	HOLLOW METAL	PAINT	HOLLOW METAL	LOCK W/ CLOSER	ALUMINUM		
102	3'-0"	6'-8"	1 3/4"	B	HOLLOW METAL	PAINT	HOLLOW METAL	LOCK W/ CLOSER	ALUMINUM		
103	3'-0"	6'-8"	1 3/4"	B	HOLLOW METAL	PAINT	HOLLOW METAL	LOCK W/ CLOSER	ALUMINUM		
104	3'-0"	6'-8"	1 3/4"	A	HOLLOW METAL	PAINT	HOLLOW METAL	PASSAGE	ALUMINUM	1 HR.	
105	3'-0"	6'-8"	1 3/4"	C	HOLLOW METAL	PAINT	HOLLOW METAL	PASSAGE	ALUMINUM	1 HR.	
106	3'-0"	6'-8"	1 3/4"	C	HOLLOW METAL	PAINT	HOLLOW METAL	PASSAGE	ALUMINUM	1 HR.	
107	3'-0"	6'-8"	1 3/4"	A	SOLID CORE WOOD	PAINT	HOLLOW METAL	LOCKSET			
108	3'-0"	6'-8"	1 3/4"	A	SOLID CORE WOOD	PAINT	HOLLOW METAL	LOCKSET			
109	3'-0"	6'-8"	1 3/4"	A	SOLID CORE WOOD	PAINT	HOLLOW METAL	LOCKSET			
110	3'-0"	6'-8"	1 3/4"	C	SOLID CORE WOOD	PAINT	HOLLOW METAL	PASSAGE			
111	3'-0"	6'-8"	1 3/4"	C	SOLID CORE WOOD	PAINT	HOLLOW METAL	PASSAGE			
112	3'-0"	6'-8"	1 3/4"	A	SOLID CORE WOOD	PAINT	HOLLOW METAL	LOCKSET			
113	3'-0"	7'-0"	1 3/4"	D	ALUMINUM	CLEAR	ALUMINUM	PUSH/PULL W/ CLOSER			
114	3'-0"	6'-8"	1 3/4"	C	HOLLOW METAL	PAINT	HOLLOW METAL	PASSAGE	ALUMINUM	1 HR.	
115	12'-0"	12'-0"		E	STEEL	PAINT					INSULATED LOWEHD ROOM B.G. OPERATOR
116	12'-0"	12'-0"		E	STEEL	PAINT					INSULATED LOWEHD ROOM B.G. OPERATOR

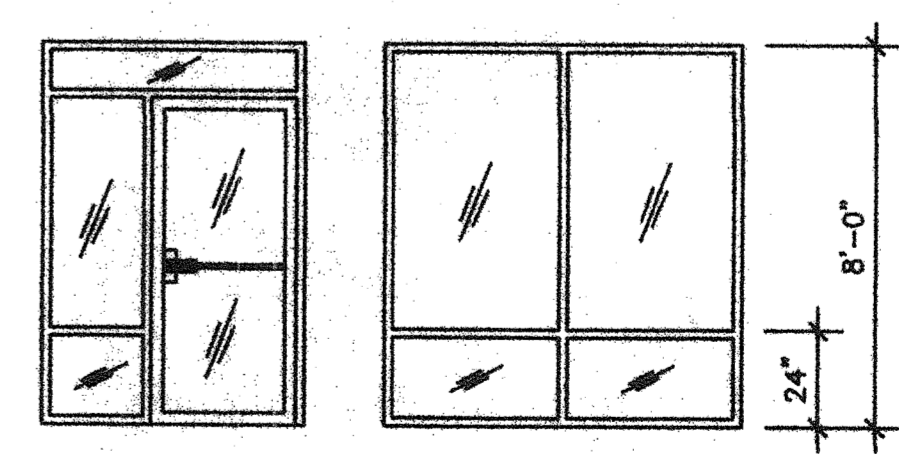


FIRST FLOOR FINISH SCHEDULE										
ROOM NAME	FLOOR	BASE	NORTH WALL	SOUTH WALL	EAST WALL	WEST WALL	CEILING	CEILING HEIGHT	REMARKS	
VESTIBULE	CONC.	CONC.	1/2" D.W. PAINT	1/2" D.W. PAINT	1/2" D.W. PAINT	1/2" D.W. PAINT	1/2" D.W. PAINT	8'-0"		
LIVING ROOM	CONC.	CONC.	1/2" D.W. PAINT	1/2" D.W. PAINT	1/2" D.W. PAINT	1/2" D.W. PAINT	1/2" D.W. PAINT	8'-0"		
KITCHEN	CONC.	CONC.	1/2" D.W. PAINT	1/2" D.W. PAINT	1/2" D.W. PAINT	1/2" D.W. PAINT	1/2" D.W. PAINT	8'-0"		
OFFICE	VCT	VINYL	1/2" D.W. PAINT	1/2" D.W. PAINT	1/2" D.W. PAINT	1/2" D.W. PAINT	1/2" D.W. PAINT	8'-0"		
DORMITORY	VCT	VINYL	1/2" D.W. PAINT	1/2" D.W. PAINT	1/2" D.W. PAINT	1/2" D.W. PAINT	1/2" D.W. PAINT	8'-0"		
UTILITY	VCT	VINYL	1/2" D.W. PAINT	1/2" D.W. PAINT	1/2" D.W. PAINT	1/2" D.W. PAINT	1/2" D.W. PAINT	8'-0"		
BATHROOM 1	CONC.	CONC.	1/2" D.W. PAINT	1/2" D.W. PAINT	1/2" D.W. PAINT	1/2" D.W. PAINT	1/2" D.W. PAINT	8'-0"		
BATHROOM 2	CONC.	CONC.	1/2" D.W. PAINT	1/2" D.W. PAINT	1/2" D.W. PAINT	1/2" D.W. PAINT	1/2" D.W. PAINT	8'-0"		
EXERCISE ROOM	VCT	VINYL	1/2" D.W. PAINT	1/2" D.W. PAINT	1/2" D.W. PAINT	1/2" D.W. PAINT	1/2" D.W. PAINT	8'-0"		
STORAGE	CONC.	CONC.	CMU PAINT	CMU PAINT	CMU PAINT	CMU PAINT	CMU PAINT	13'-5"		
APPARATUS RM.	CONC.	CONC.	CMU PAINT	CMU PAINT	CMU PAINT	CMU PAINT	CMU PAINT	13'-5"		

LEGEND:  
 VCT - VINYL COMPOSITION TILE  
 CONC. - CONCRETE  
 CMU - EXISTING CONC. MASONRY UNIT  
 D.W. - DRYWALL

NOTES:  
 1. ALL INTERIOR WALLS SHALL HAVE 3 1/2" SOUND BATT INSULATION.  
 2. ALL INTERIOR DIMENSIONS ARE TO FACE OF STUD U.N.O.

WINDOW SCHEDULE		
MARK	ROUGH OPENING	QUANTITY
A	CN135 1'-9" x 3'-5 3/8"	3 REQUIRED
B	CN125 2'-0 5/8" x 2'-4 7/8"	2 REQUIRED
C	CN235 3'-5 1/4" x 3'-5 3/8"	1 REQUIRED
D	CN135 2'-4 7/8" x 3'-5 3/8"	1 REQUIRED



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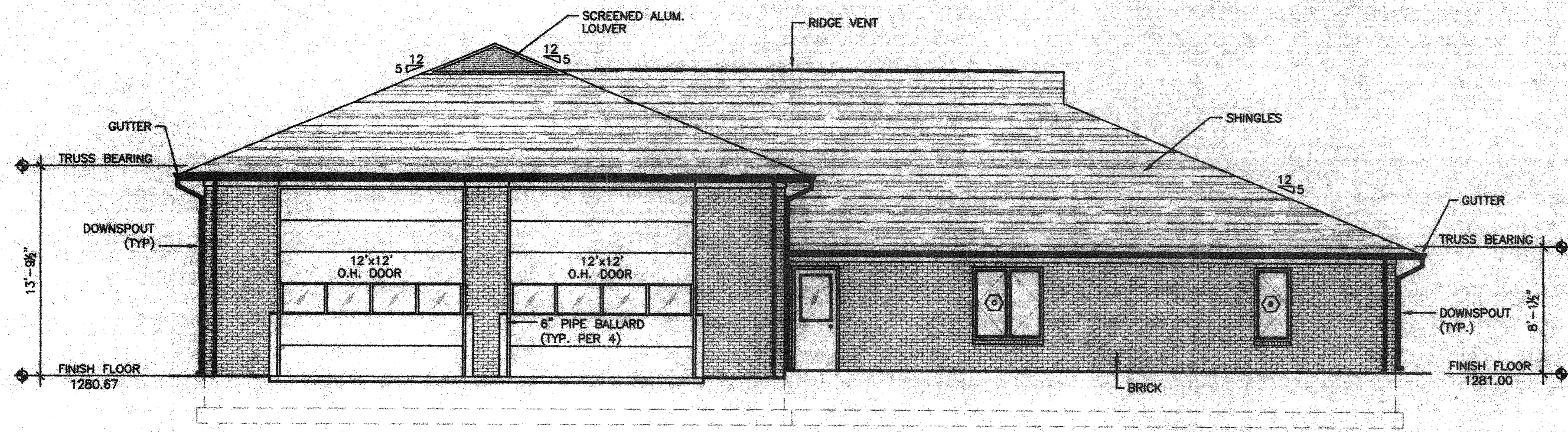
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HARRISONBURG FIRE DEPT.  
 STATION NO. 3  
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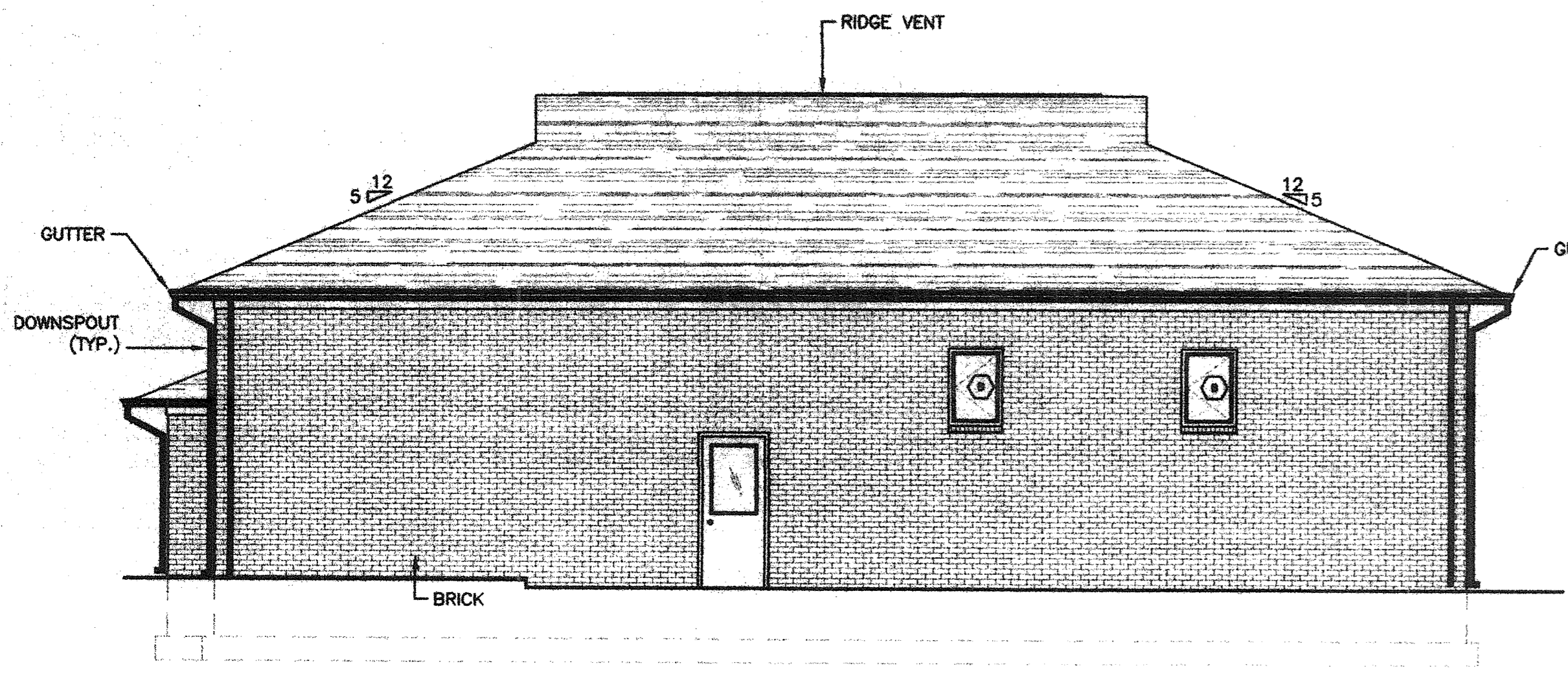
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 DATE: 1/15/03  
 CAD FILE: FIRE HOUSE

DRAWING TITLE:  
**FLOOR PLAN  
 DOOR & FINISH SCHEDULES**

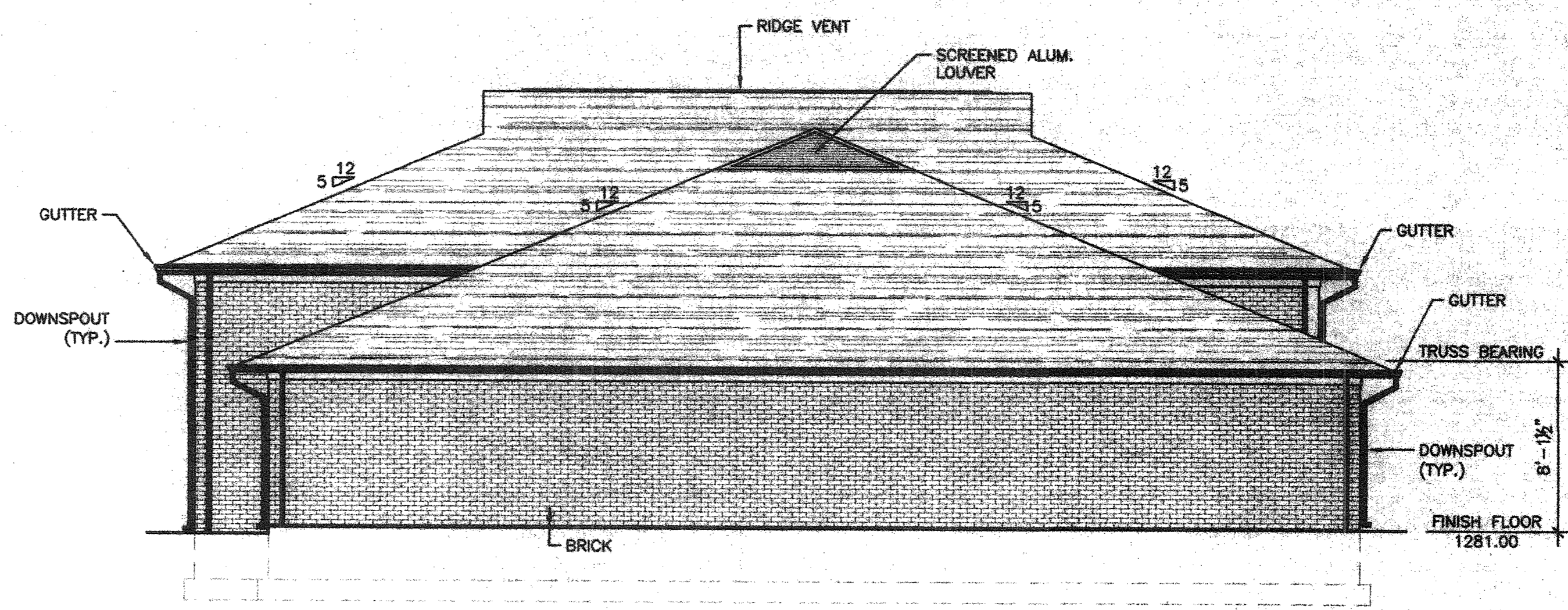
PROJECT NUMBER:  
 SHEET NUMBER:  
**A-101**  
 SHEET 3 OF 8



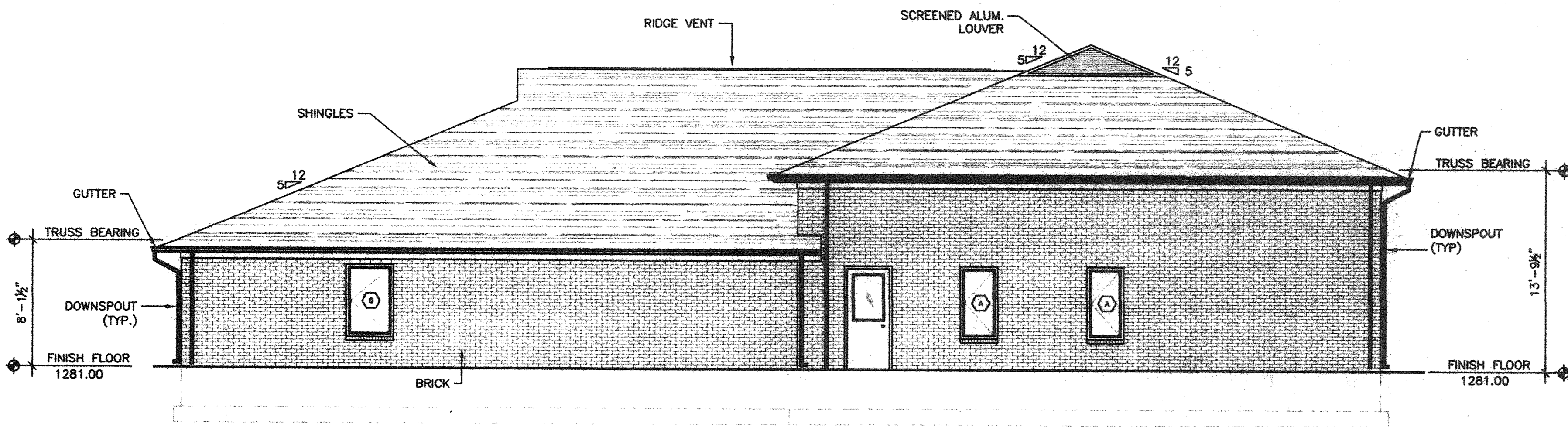
1 SOUTH ELEVATION  
A-201/ 3/16" = 1'-0"



3 WEST ELEVATION  
A-201/ 3/16" = 1'-0"



3 EAST ELEVATION  
A-201/ 3/16" = 1'-0"



4 NORTH ELEVATION  
A-201/ 3/16" = 1'-0"

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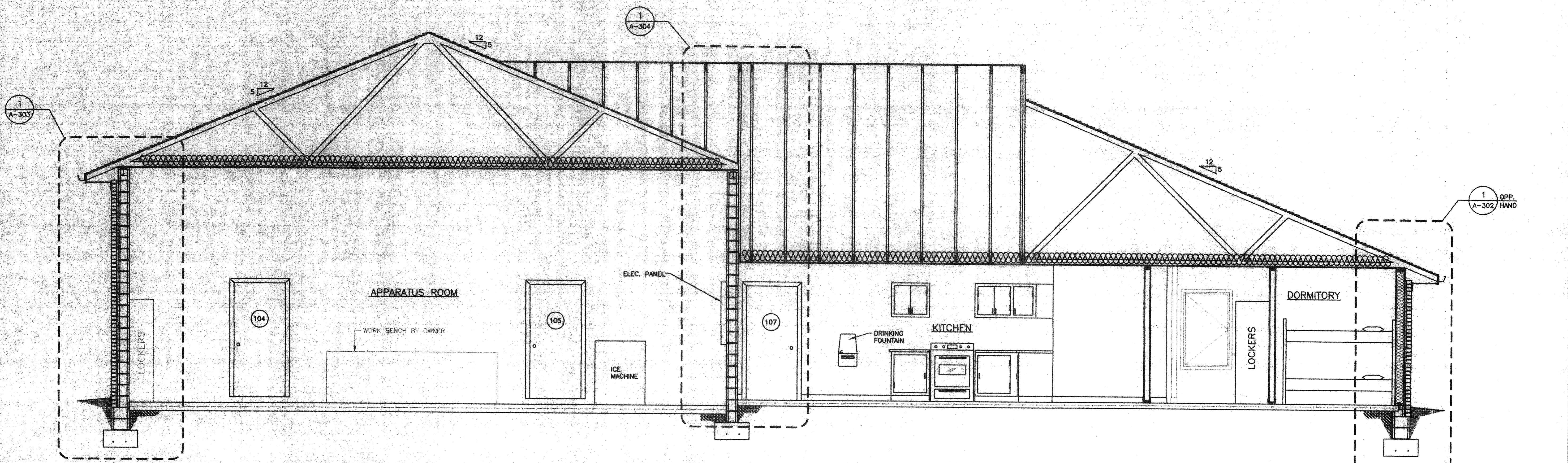
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HARRISONBURG FIRE DEPT.  
STATION NO. 3  
HARRISONBURG, VIRGINIA

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DATE: 1/15/03	CAD FILE: FIRE HOUSE
DRAWING TITLE: ELEVATIONS	

PROJECT NUMBER:  
-  
SHEET NUMBER:  
A-201  
SHEET 4 OF 8

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17



1 CROSS-SECTION  
A-301 3/8" = 1'-0"

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STATION NO. 3  
HARRISONBURG, VIRGINIA

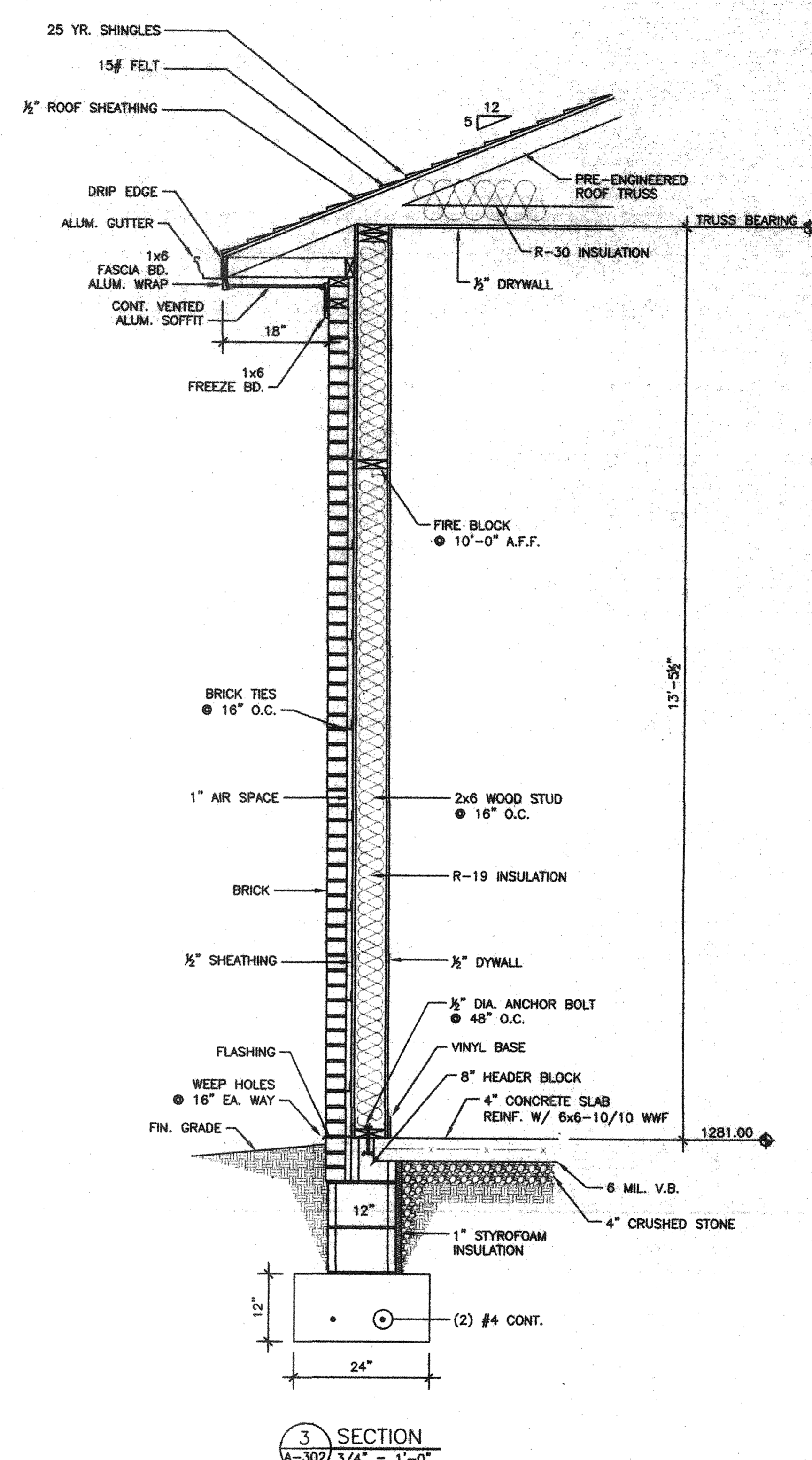
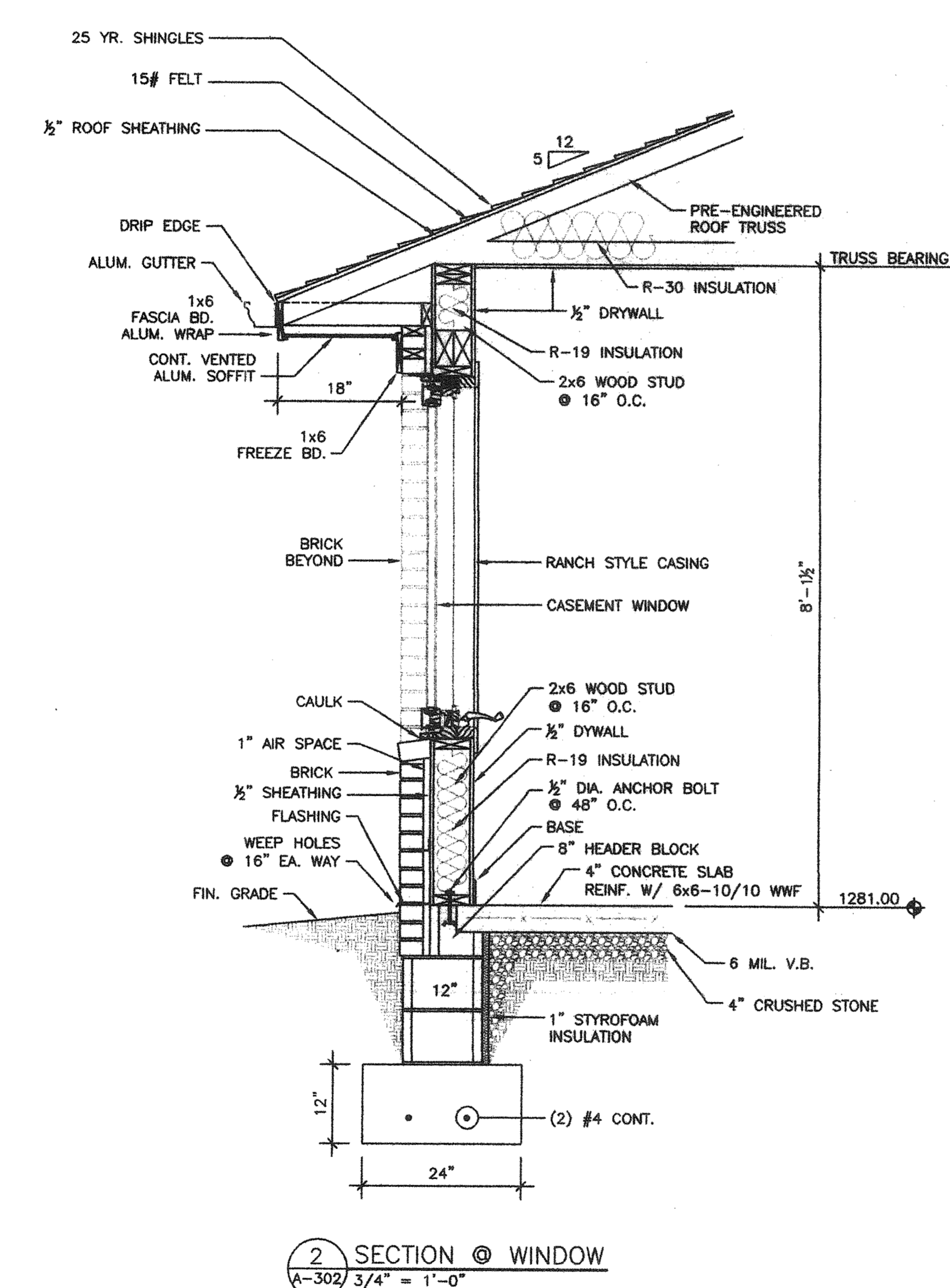
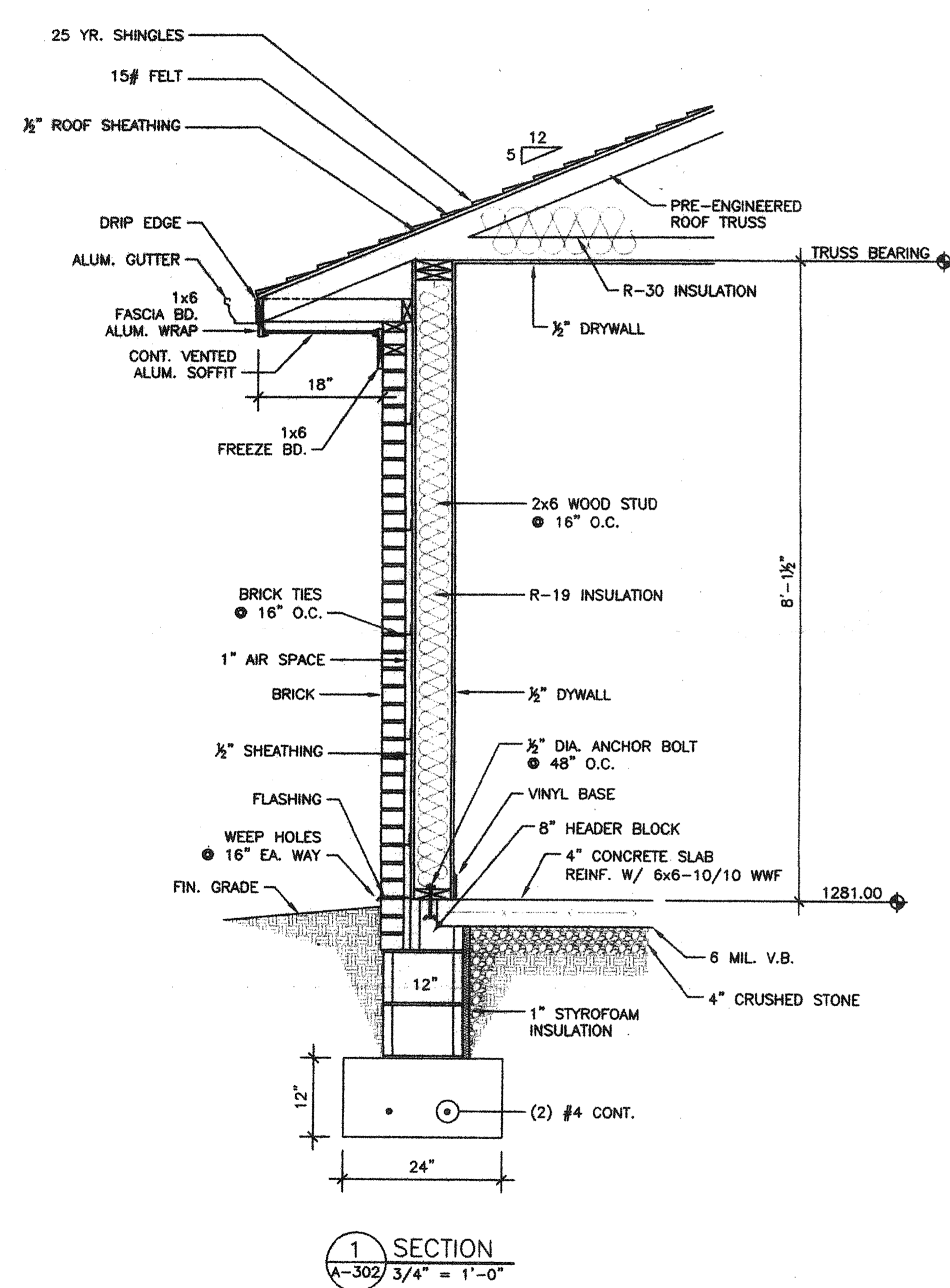
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DATE: 1/15/03	CAD FILE: FIRE HOUSE

DRAWING TITLE:  
**CROSS-SECTION**

	PROJECT NUMBER: -
	SHEET NUMBER: A-301

SHEET 5 OF 8

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17



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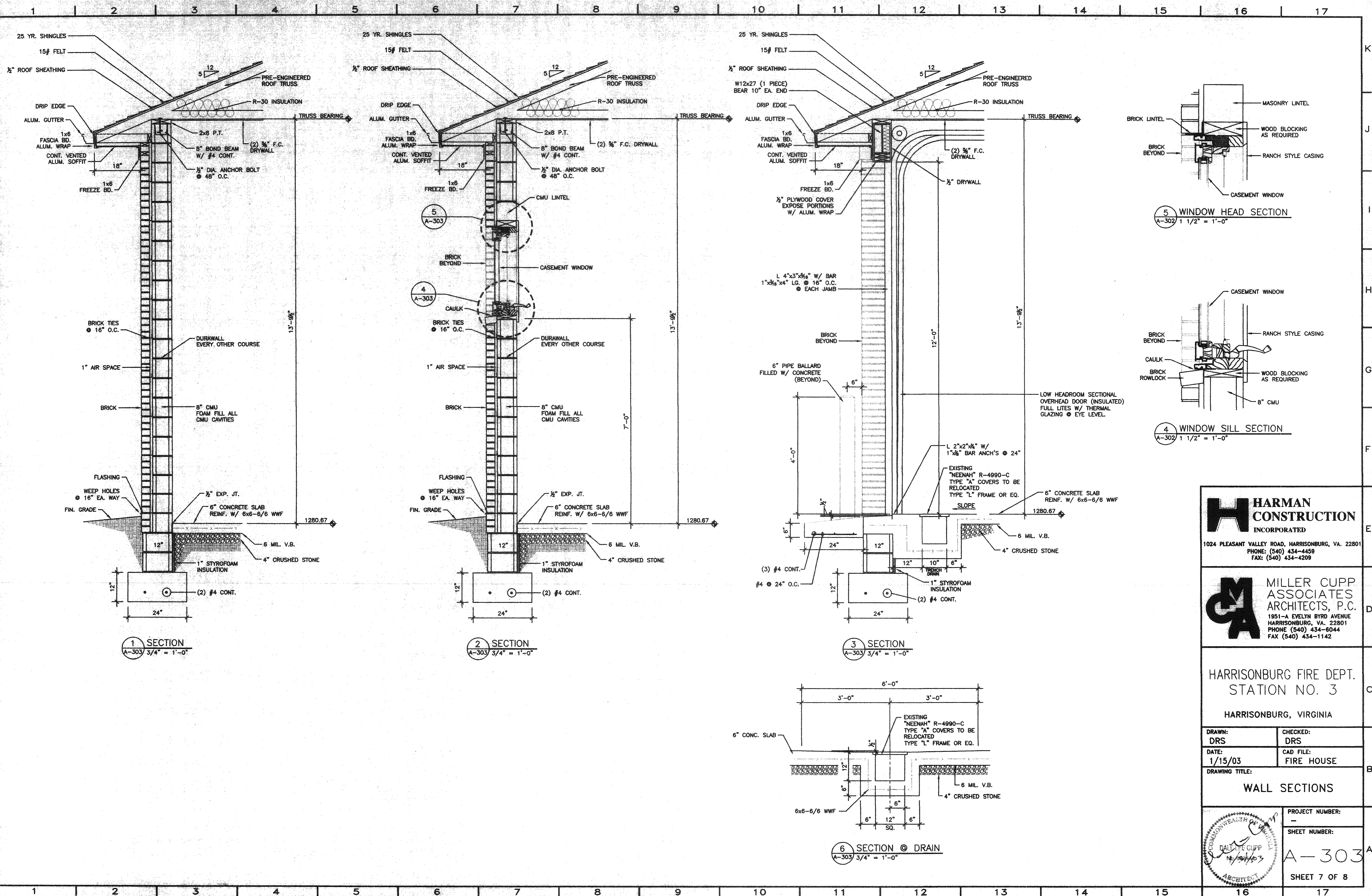
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**HARRISONBURG FIRE DEPT. STATION NO. 3**  
HARRISONBURG, VIRGINIA

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DATE: 1/15/03	CAD FILE: FIRE HOUSE

DRAWING TITLE:  
**WALL SECTIONS**

	PROJECT NUMBER: -
	SHEET NUMBER: A-302
	SHEET 6 OF 8



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HARRISONBURG FIRE DEPT.  
 STATION NO. 3  
 HARRISONBURG, VIRGINIA

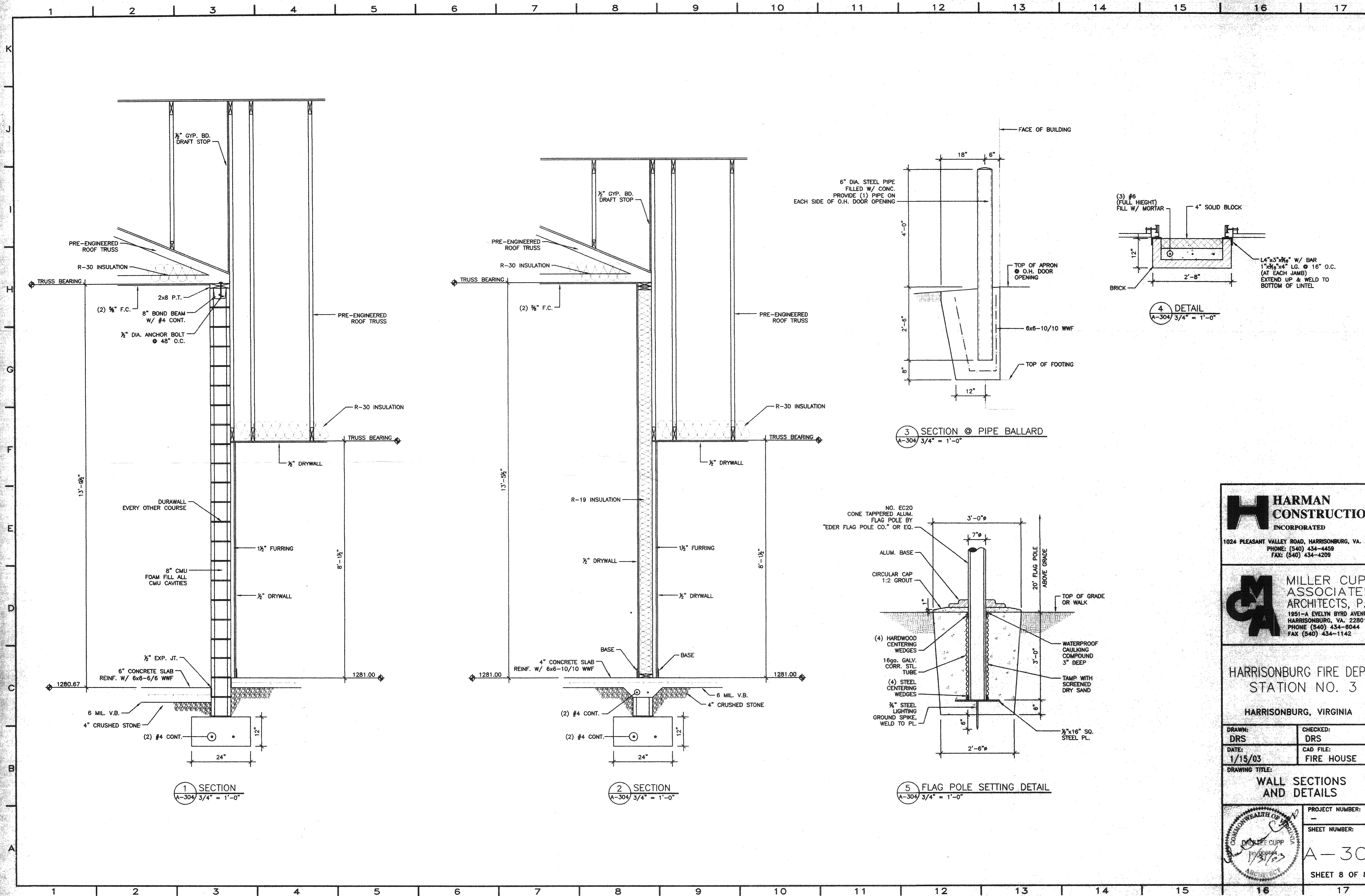
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DATE: 1/15/03	CAD FILE: FIRE HOUSE

DRAWING TITLE:  
**WALL SECTIONS**

PROJECT NUMBER: -	A-303
SHEET NUMBER: A	

SHEET 7 OF 8





1 SECTION  
A-304 3/4" = 1'-0"

2 SECTION  
A-304 3/4" = 1'-0"

3 SECTION @ PIPE BALLARD  
A-304 3/4" = 1'-0"

4 DETAIL  
A-304 3/4" = 1'-0"

5 FLAG POLE SETTING DETAIL  
A-304 3/4" = 1'-0"

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**HARRISONBURG FIRE DEPT. STATION NO. 3**  
HARRISONBURG, VIRGINIA

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DATE: 1/15/03	CAD FILE: FIRE HOUSE
DRAWING TITLE: <b>WALL SECTIONS AND DETAILS</b>	
PROJECT NUMBER: -	SHEET NUMBER: A-304
SHEET 8 OF 8	