

**LEGEND**

|  |   |
|--|---|
|  | NEW CONSTRUCTION  |
|  | NEW CONTOURS  |
|  | EXISTING CONTOURS   |
|  | NEW FINISH SPOT ELEVATIONS                                |
|  | NEW CONCRETE WORK   |
|  | BITUMINUS PAVING  |
|  | SANITARY FORCE MAIN (REROUTE SECTION AS SHOWN ON DRAWING) |

**ALTERNATE NO. 2**  
 OMIT ALL NEW BITUMINUS PAVING AS SHOWN ON DRAWING INCLUDING NEW CONCRETE CURBS, PAINTED STRIPING FOUR 2'-0" x 2'-0" CATCH BASINS AND CONNECTING PVC STORM LINES

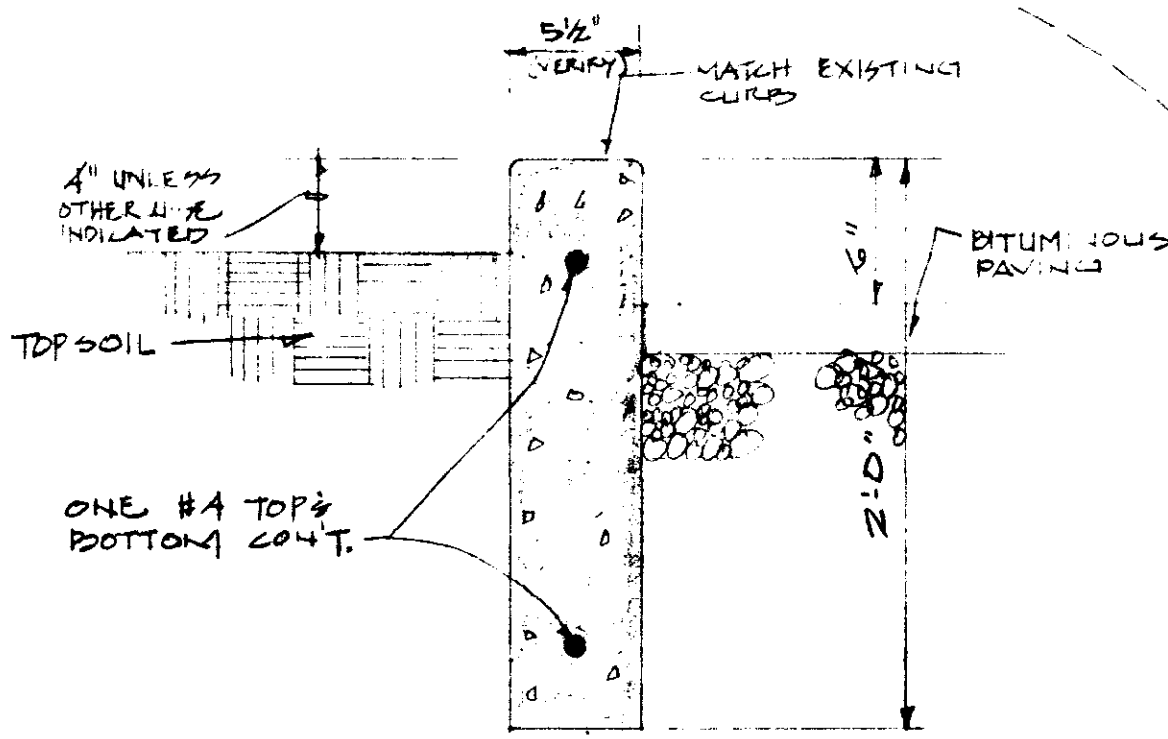
**SITE PLAN**  
 SCALE: 1" = 20'-0"

**ADDITIONS & RENOVATIONS  
 RIDGELAND CITY LIBRARY**

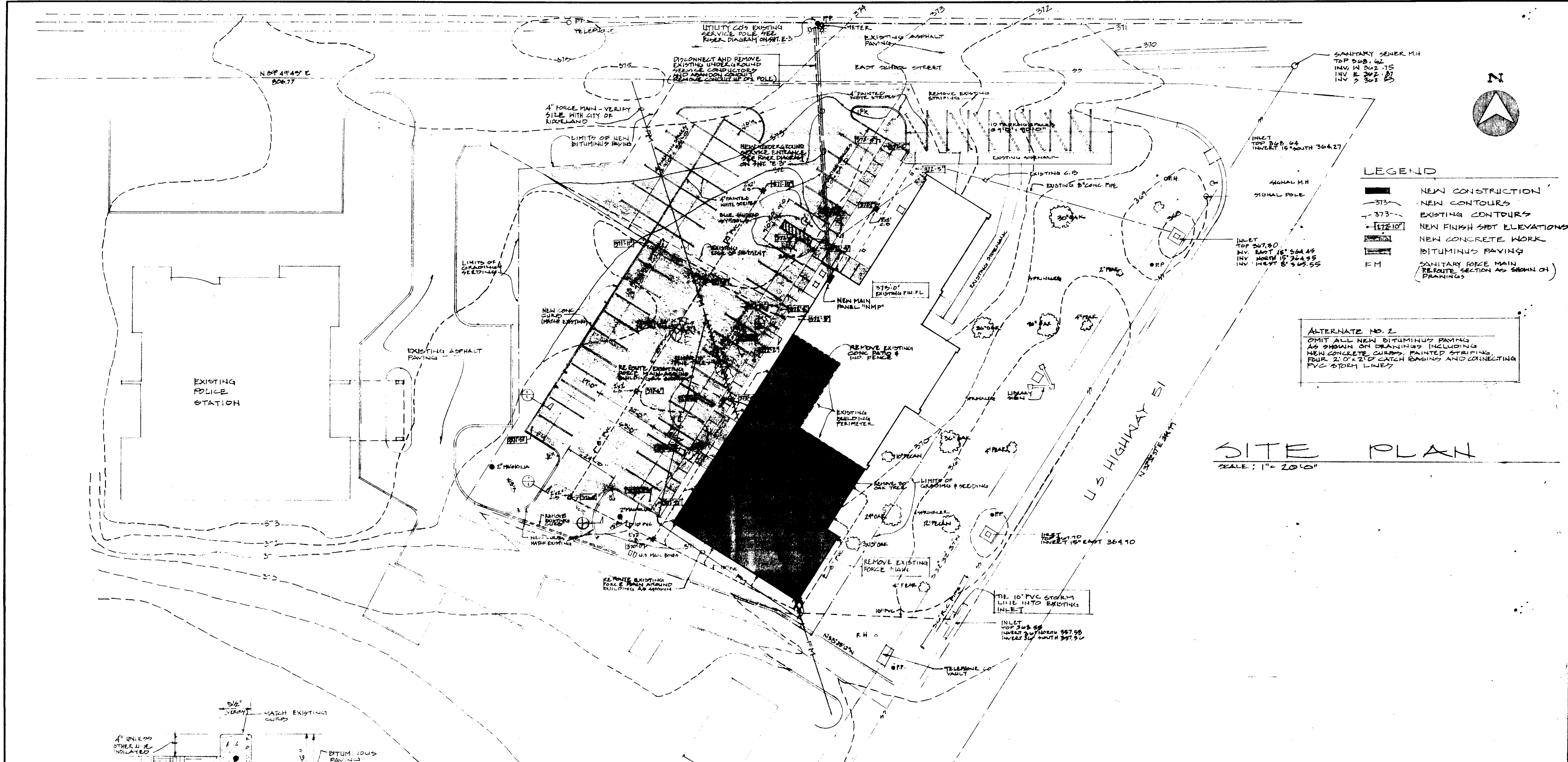
CITY HALL  
 COPY

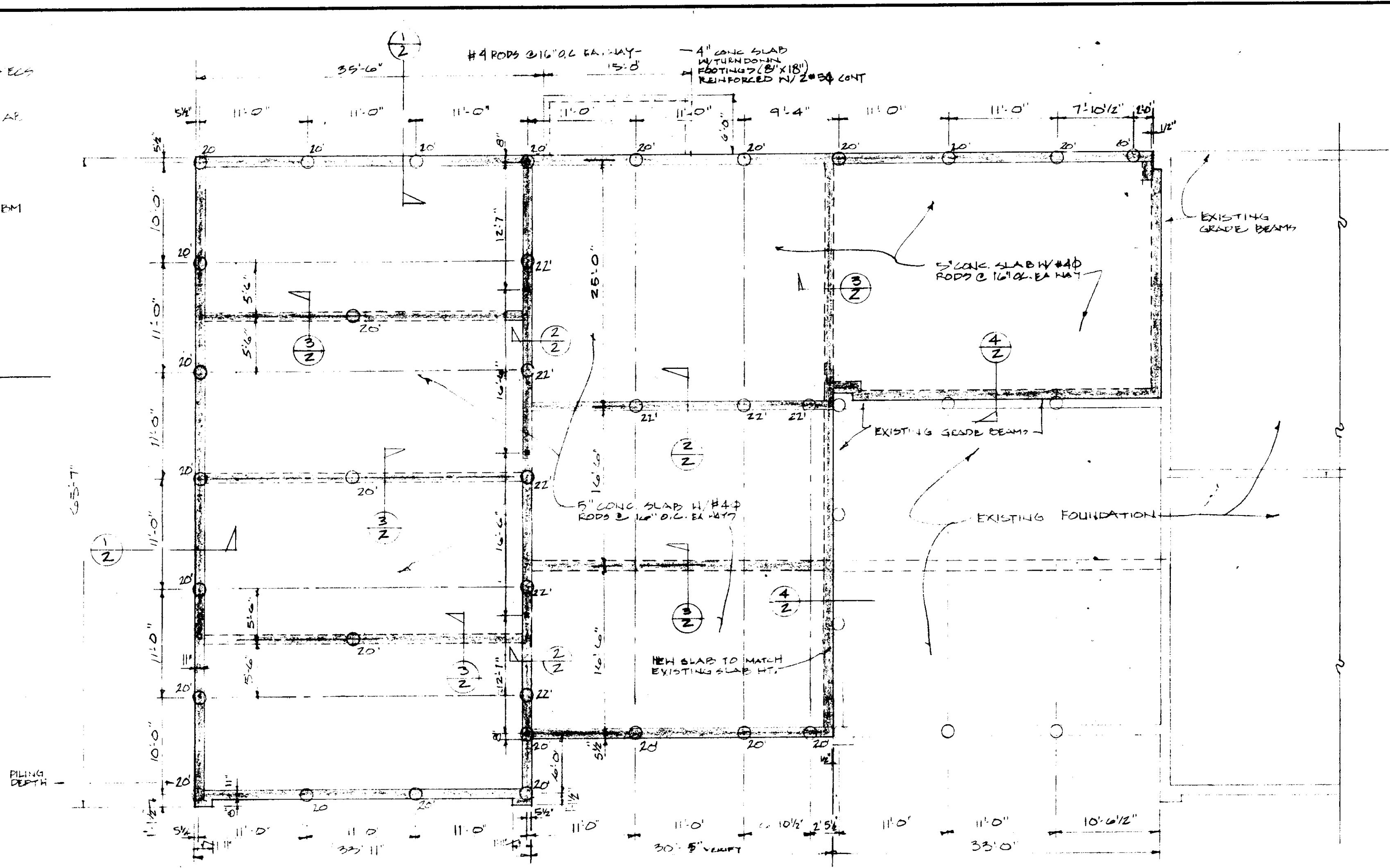
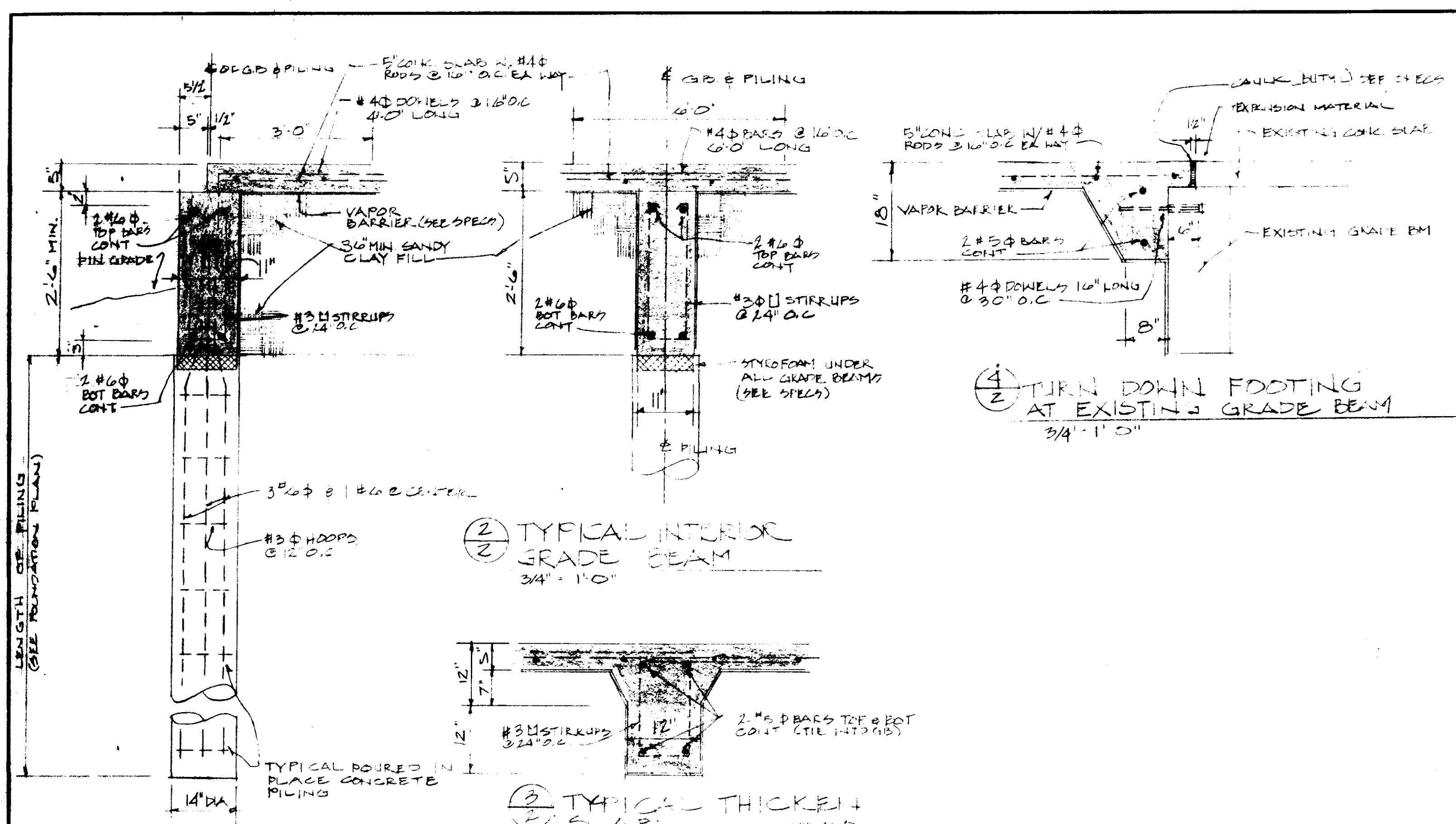
**PWP-01204**

|  |  |  |   |                                    |
|--|--|--|---|------------------------------------|
|  | <b>CHARLES P. McMULLAN &amp; ASSOCIATES</b><br>ARCHITECTS<br>JACKSON MISSISSIPPI | PROJECT NO. 9003<br>R.P.<br>DATE CPM<br>DATE 9-15-90 | ADDITIONS AND RENOVATIONS<br>RIDGELAND CITY LIBRARY<br>RIDGELAND, MISSISSIPPI | SHEET NO. <b>1</b><br>OF 12 SHEETS |
|--|--|--|---|------------------------------------|

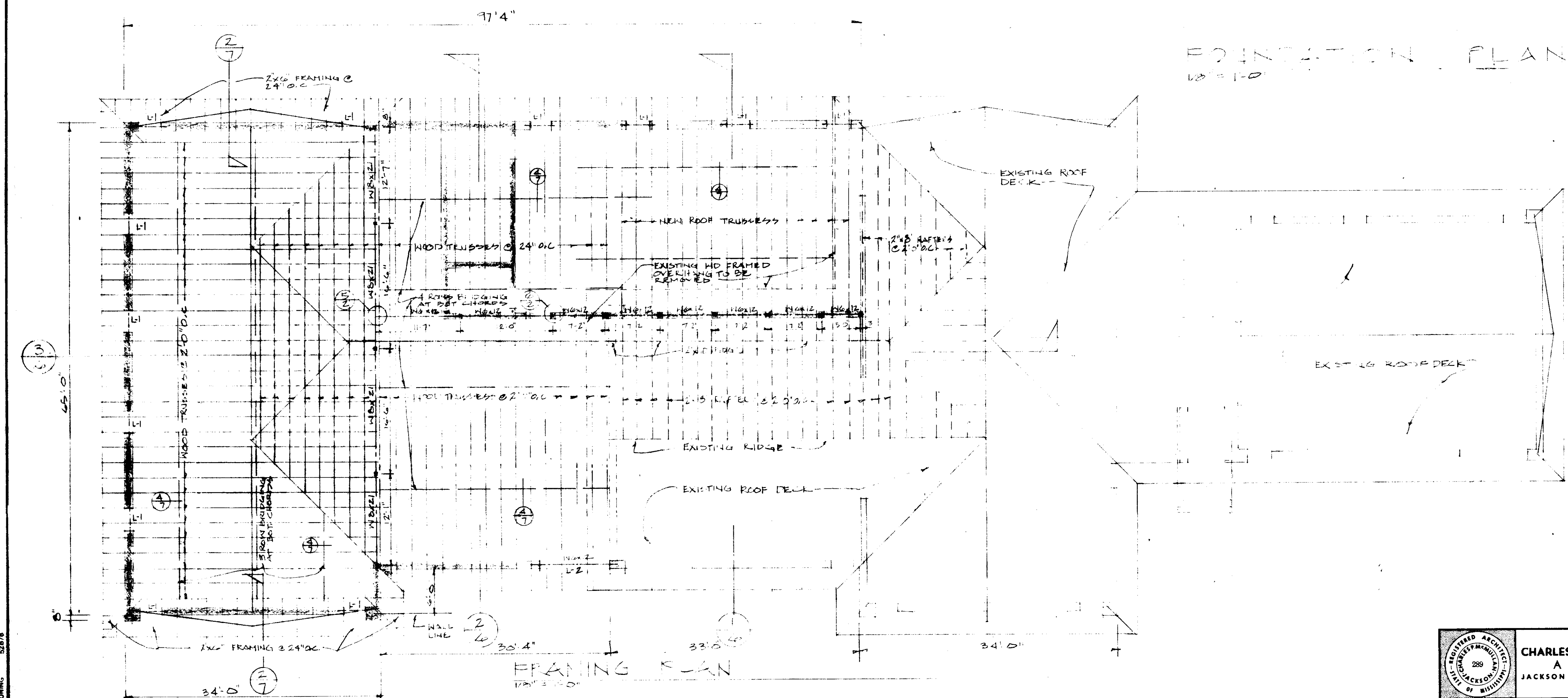


⊕ CONCRETE CURBS

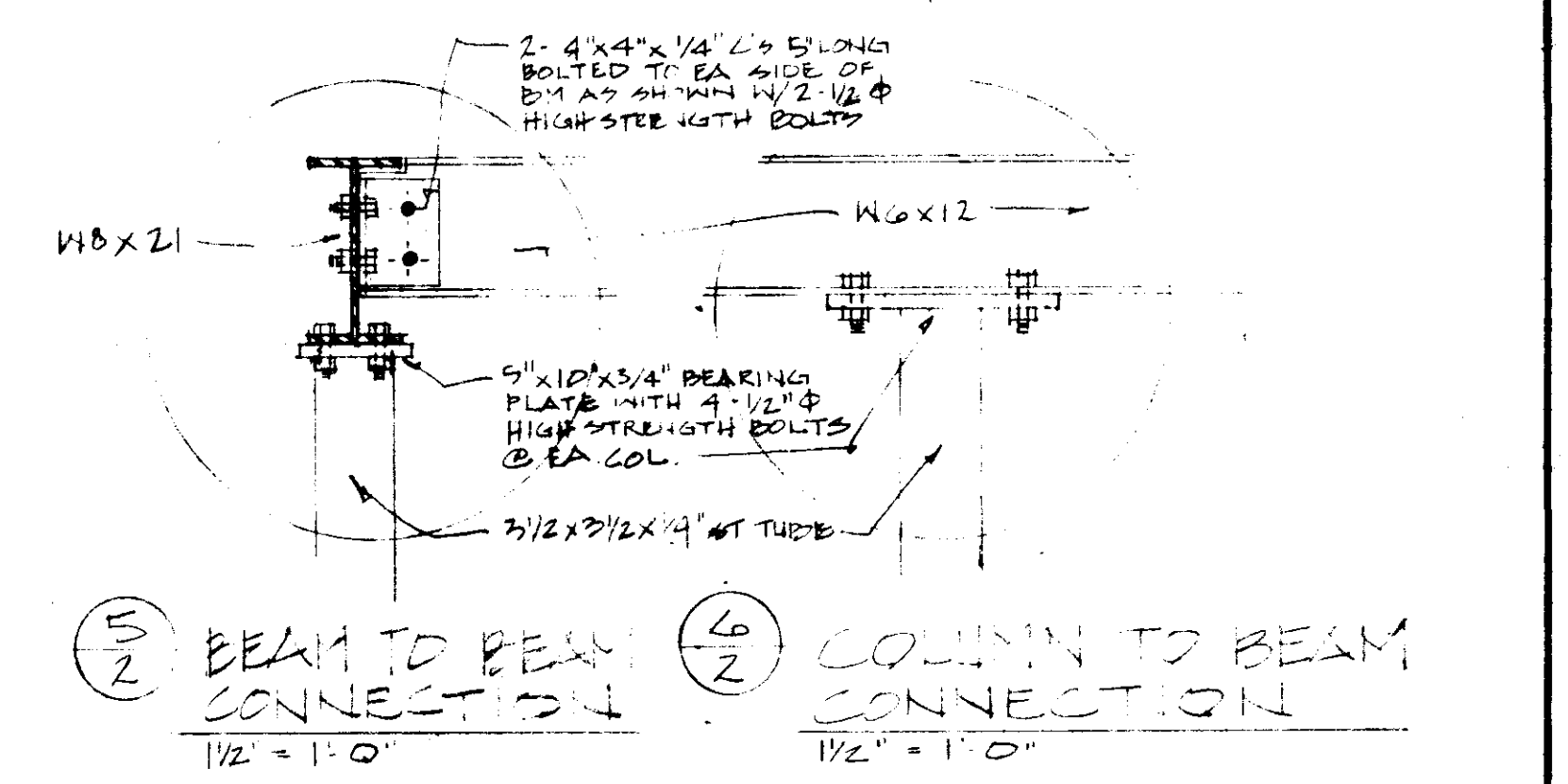


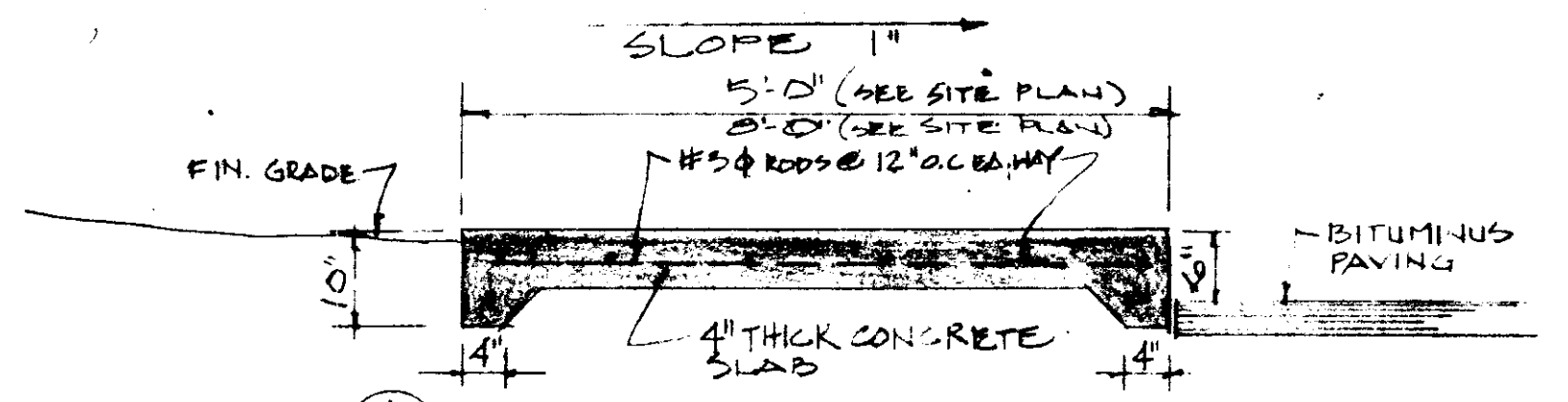
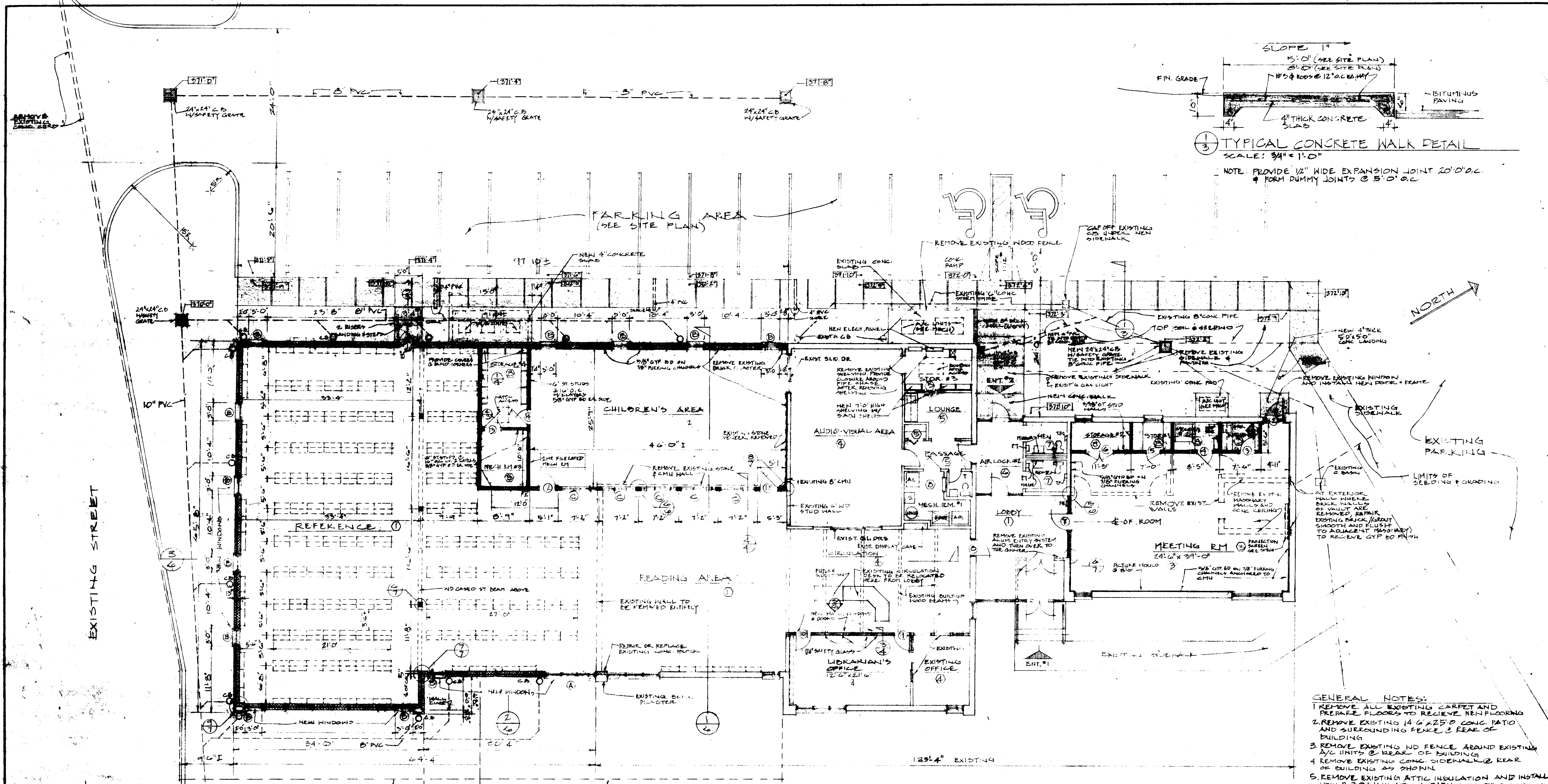


- NOTES (CONCRETE)
1. PROVIDE #3 @ 2' STIRRUPS @ 2' O.C. FOR ALL GRADE BEAMS
  2. PROVIDE #3 @ 3' FROM ALL GRADE BEAMS TO SLAB EXTENDED INTO SLAB @ 3' O.C.
  3. PROVIDE 2 CORNER BARS (SAME SIZE AS #3) @ GRADE BEAM REINFC FOR ALL CORNERS @ 3' LONG OF THE ALL BOTTOM BARS OVER E OF PILING & ALL TOP BARS AT E OF SPAN
  4. PROVIDE KEVED CONSTRUCTION JOINT WHERE CONC. JOINTS ARE TERMINATED.
  5. PROVIDE #4 @ REINFORCING @ 16" O.C. FOR ALL CONC. SLABS



| LIMITED SCHEDULE |       |  |
|------------------|-------|--|
| MARK             | SHAPE | DESCRIPTION  |
| L-1              |       | 8" CONCRETE FILLED "U" BLOCK W/ 2 #4 @ CONT                |
| L-2              |       | 8" CONCRETE FILLED "L" BLOCK W/ 2 #4 @ CONT AND W6X12 BEAM |





① TYPICAL CONCRETE WALK DETAIL  
SCALE: 3/4" = 1'-0"

NOTE: PROVIDE 1/2" WIDE EXPANSION JOINT 20'-0" O.C.  
# FORM DUMMY JOINTS @ 5'-0" O.C.

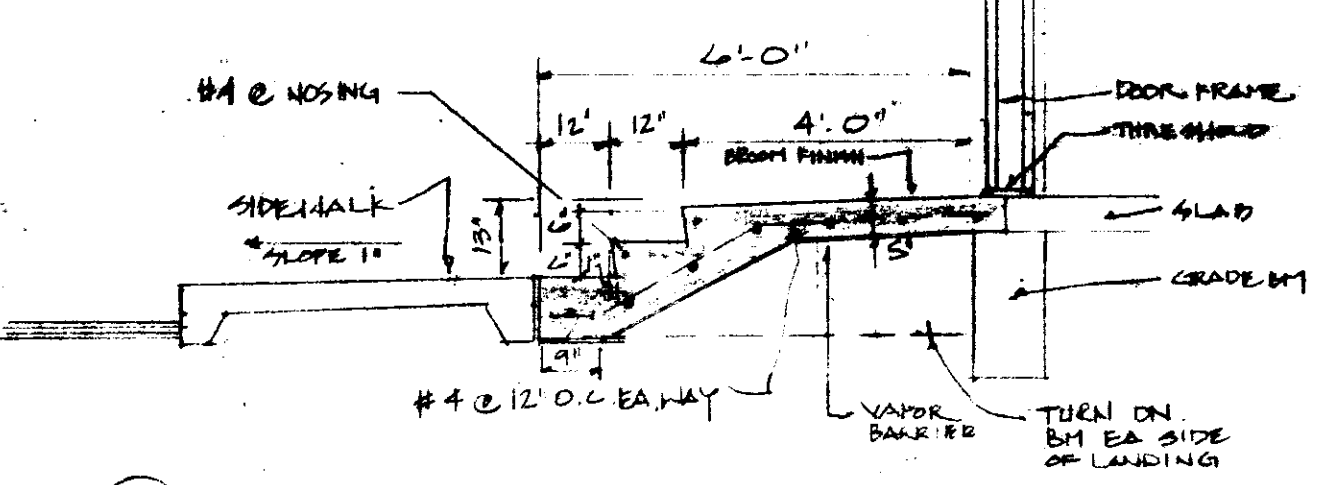
FLOOR PLAN  
1/8" = 1'-0"

4,955 SQ FT ADDITION

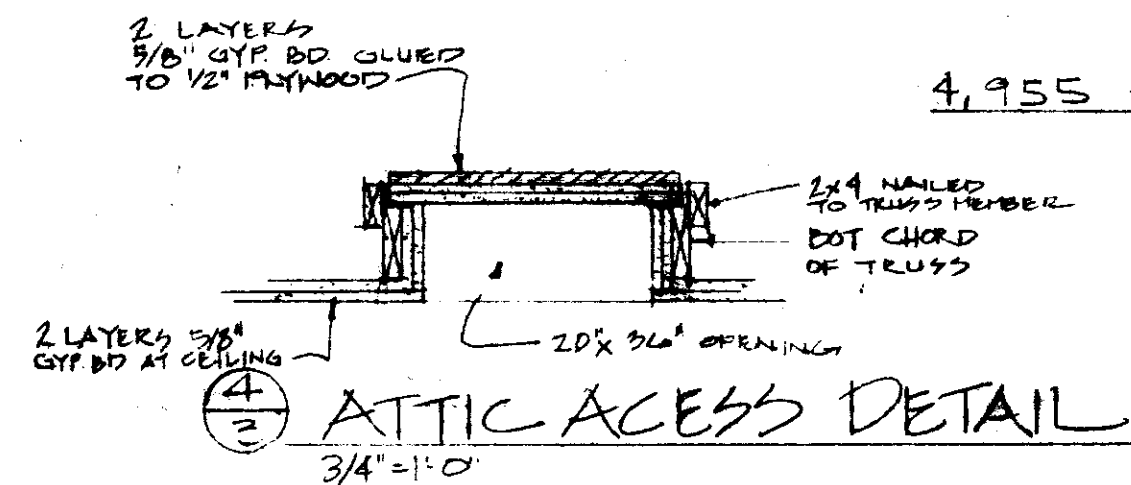
- GENERAL NOTES:
1. REMOVE ALL EXISTING CARPET AND PREPARE FLOORS TO RECEIVE NEW FLOORING
  2. REMOVE EXISTING 14'-6" X 25'-0" CONC. PATIO AND SURROUNDING FENCE @ REAR OF BUILDING
  3. REMOVE EXISTING WOOD FENCE AROUND EXISTING A/C UNITS @ REAR OF BUILDING
  4. REMOVE EXISTING CONC. SIDEWALK @ REAR OF BUILDING AS SHOWN
  5. REMOVE EXISTING ATTIC INSULATION AND INSTALL NEW R-30 INSULATION THRU-OUT THE BUILDING ANCHOR NEW INSULATION WITHIN THE BOT. CHORD OF TRUSSES. INSULATION MUST NOT REST ON TOP OF ANY CEILING TILES.

LEGEND

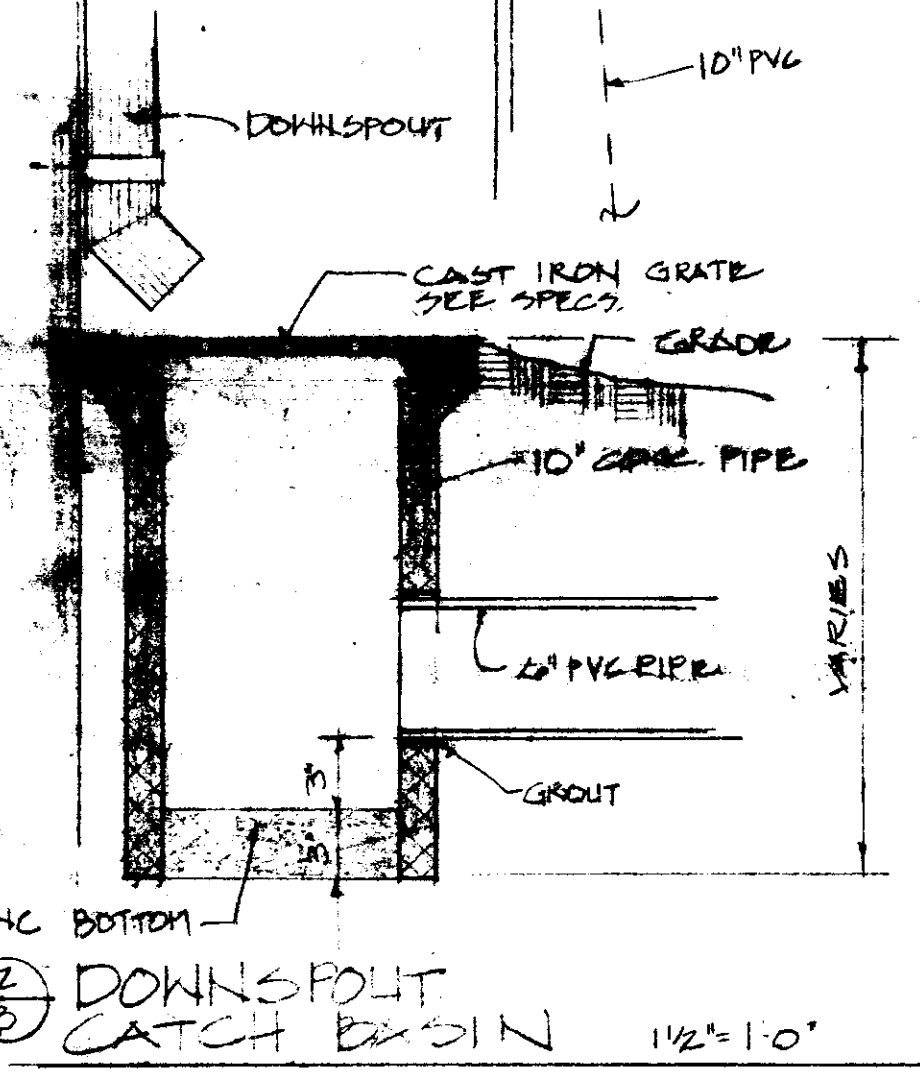
- METAL STUD WALL
- METAL STUD WALL W/BATT INSULATION
- CONCRETE MASONRY UNITS
- BRICK VENEER
- EXISTING WALL
- NOT IN CONTRACT
- FIRE EXTINGUISHER (SEE SPECS)



② CONC. LANDING & STEPS  
3/8" = 1'-0"



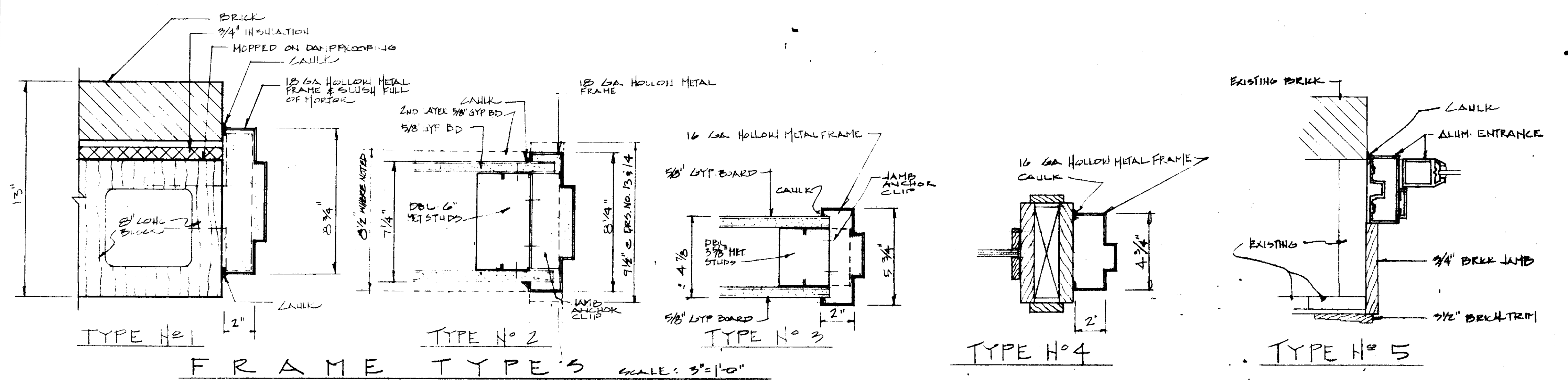
③ ATTIC ACCESS DETAIL  
3/4" = 1'-0"



④ DOWNSPOUT CATCH BASIN  
1/2" = 1'-0"

# DOOR SCHEDULE

| DOOR NUMBER | SIZE                      | DOOR TYPE | FRAME TYPE | LINTEL TYPE | THRESH TYPE | REMARKS               |
|-------------|---------------------------|-----------|------------|-------------|-------------|-----------------------|
| 1           | 3'-0" x 7'-0" x 1 3/4"    | A         | 1          | L-1         |             |                       |
| 2           | 2'-8" x 7'-0" x 1 3/4"    | A         | 1          | EXISTING    |             |                       |
| 3           | 2'-8" x 7'-0" x 1 3/4"    | D         | 3          |             |             |                       |
| 4           | 2'-8" x 7'-0" x 1 3/4"    | B         | 3          |             |             |                       |
| 5           | 2'-6" x 7'-0" x 1 3/4"    | B         | 3          |             |             |                       |
| 6           | PR 2'-6" x 7'-0" x 1 3/4" | B         | 3          |             |             |                       |
| 7           | 3'-0" x 7'-0" x 1 3/4"    | D         | 3          |             |             |                       |
| 8           | 3'-4" x 7'-0" x 1 3/4"    | E         | 5          |             |             | VERIFY EXISTING DOOR  |
| 9           | 2'-8" x 7'-0" x 1 3/4"    | C         | 4          |             |             |                       |
| 10          | 2'-8" x 7'-0" x 1 3/4"    | C         | 4          |             |             |                       |
| 11          | 3'-0" x 7'-0" x 1 3/4"    | C         | 2          |             |             |                       |
| 12          | 3'-0" x 7'-0" x 1 3/4"    | C         | 2          |             |             |                       |
| 13          | 3'-0" x 7'-0" x 1 3/4"    | B         | 2          |             |             | 1/2 HR FIRERATED DOOR |
| 14          | 3'-0" x 7'-0" x 1 3/4"    | B         | 2          |             |             |                       |

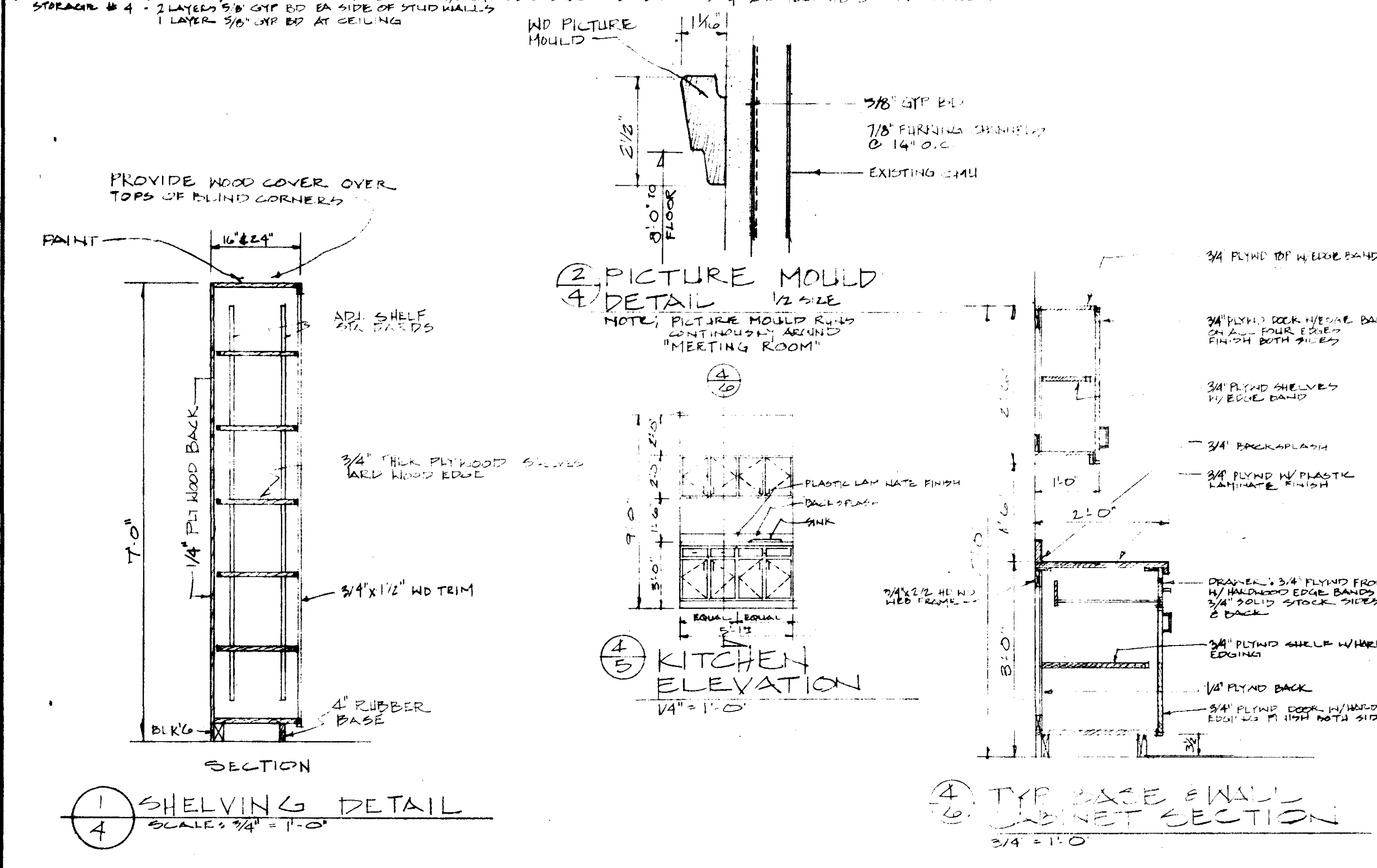


FRAME TYPES SCALE: 3"=1'-0"

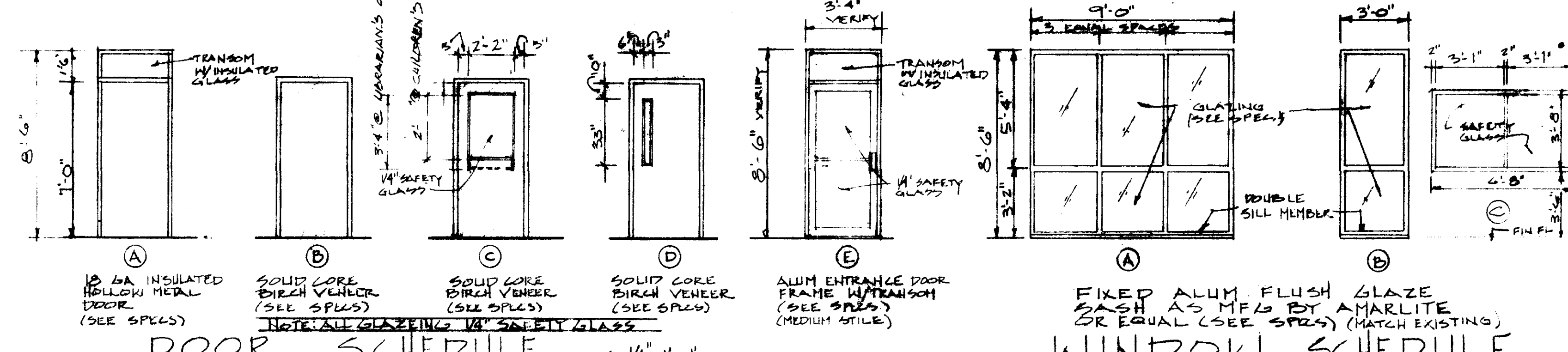
# FINISH SCHEDULE

| MARK | FLOOR  | BASE           | WALLS                            | WAINSCOTE | CEILING           | REMARKS                              |
|------|--|----------------|----------------------------------|-----------|-------------------|--------------------------------------|
| 1    | CARPET (SEE SPECS)   | 4" RUBBER BASE | CMU WALLS - SATIN LATEX ENAMEL   |           | 2" x 2" FIRERATED | REMOVE EXISTING CEILING & INSULATION |
| 2    | CARPET (SEE SPECS)   | 4" RUBBER BASE | 5/8" GYP BD - SATIN LATEX ENAMEL |           | 2" x 2" FIRERATED | REMOVE EXISTING CEILING & INSULATION |
| 3    | CARPET (SEE SPECS)   | 4" RUBBER BASE | 5/8" GYP BD - SATIN LATEX ENAMEL |           | 2" x 2" FIRERATED | REMOVE EXISTING CEILING & INSULATION |
| 4    | CARPET (SEE SPECS)   | 4" RUBBER BASE | 5/8" GYP BD - SATIN LATEX ENAMEL |           | 2" x 2" FIRERATED | REMOVE EXISTING CEILING & INSULATION |
| 5    | 12" x 12" VINYL COMPOSITION TILE (SEE SPECS) (SEE NOTE #1) | 4" RUBBER BASE | CMU WALLS - SATIN LATEX ENAMEL   |           | 2" x 2" FIRERATED | REMOVE EXISTING CEILING & INSULATION |
| 6    | EXISTING (SEE REMARKS)                                     | 4" RUBBER BASE | CMU WALLS - SATIN LATEX ENAMEL   |           | 2" x 2" FIRERATED | REMOVE EXISTING CEILING & INSULATION |
| 7    | EXISTING (SEE REMARKS)                                     | 4" RUBBER BASE | CMU WALLS - SATIN LATEX ENAMEL   |           | 2" x 2" FIRERATED | REMOVE EXISTING CEILING & INSULATION |
| 8    | 12" x 12" VINYL COMPOSITION TILE (SEE SPECS) (SEE NOTE #1) | 4" RUBBER BASE | CMU WALLS - SATIN LATEX ENAMEL   |           | 2" x 2" FIRERATED | REMOVE EXISTING CEILING & INSULATION |

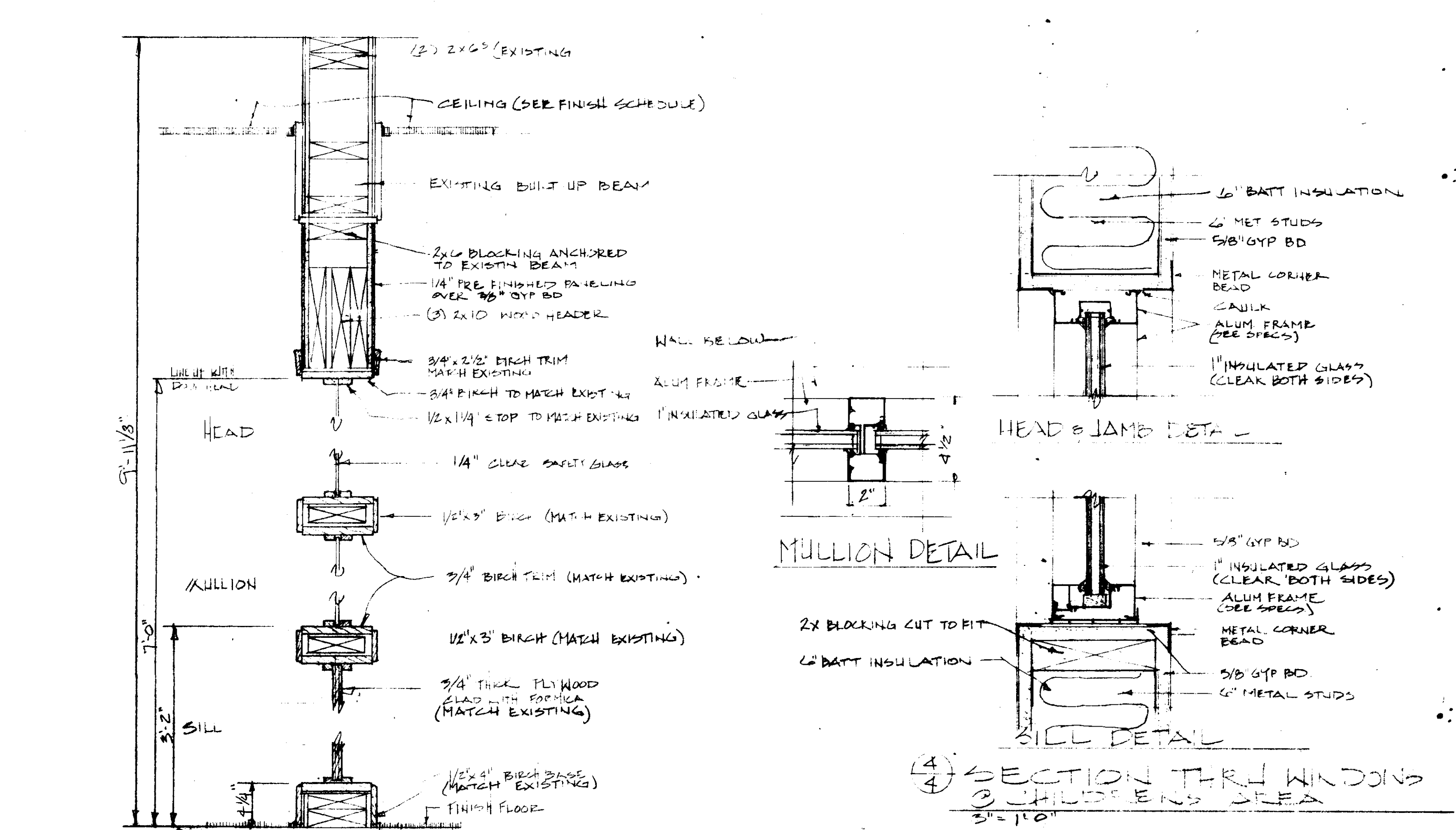
NOTES:  
 1. PICTURE MOULD RUN CONTINUOUSLY AROUND THE "MEETING ROOM" SEE DET. 2 AND PICTURE MOLD IN KITCHEN.  
 2. EXISTING VINYL TILE - INSTALL NEW VINYL TILE OVER EXISTING (CUT OFF BOTTOM OF DOORS TO PROVIDE CLEARANCE FOR OPERATION).  
 3. MECHANICAL RM #3 - 2 HR FIRERATED RM - 2 LAYERS 5/8" GYP BD EA SIDE OF STUD WALLS & 2 LAYERS 5/8" GYP BD AT CEILING.  
 STORAGE #4 - 2 LAYERS 5/8" GYP BD EA SIDE OF STUD WALLS & 1 LAYER 5/8" GYP BD AT CEILING.



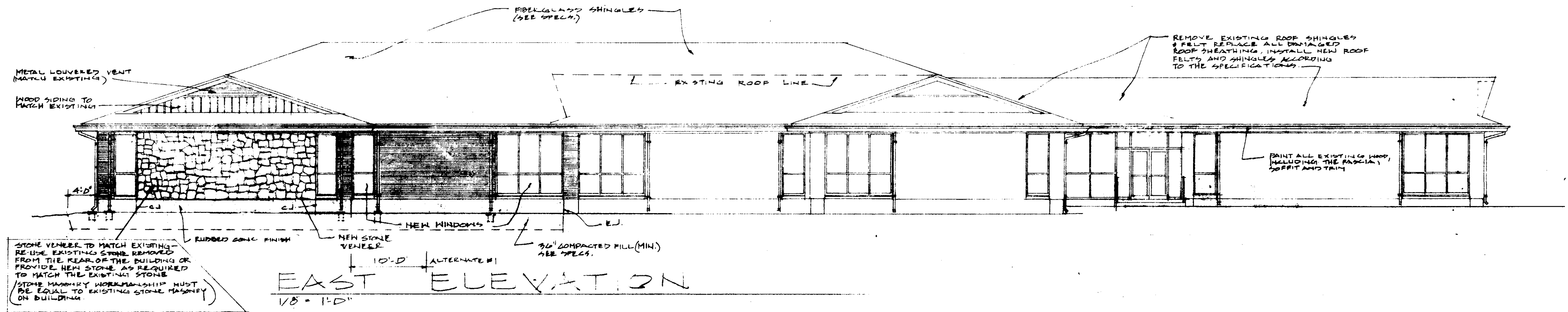
SECTION SCALE: 3/4"=1'-0"  
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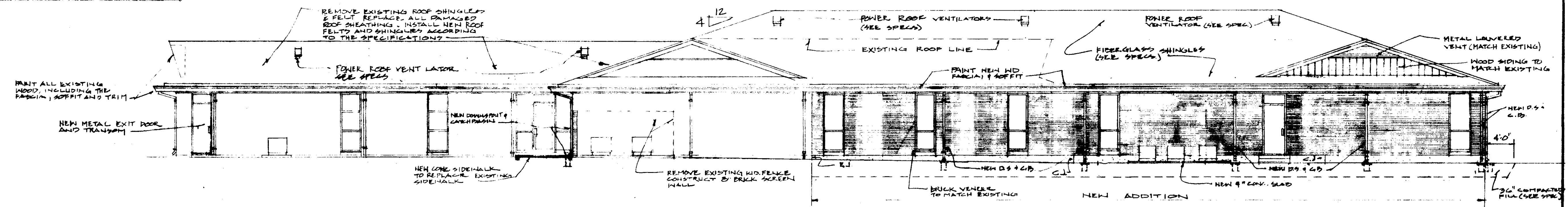
DOOR SCHEDULE SCALE: 1/4"=1'-0"



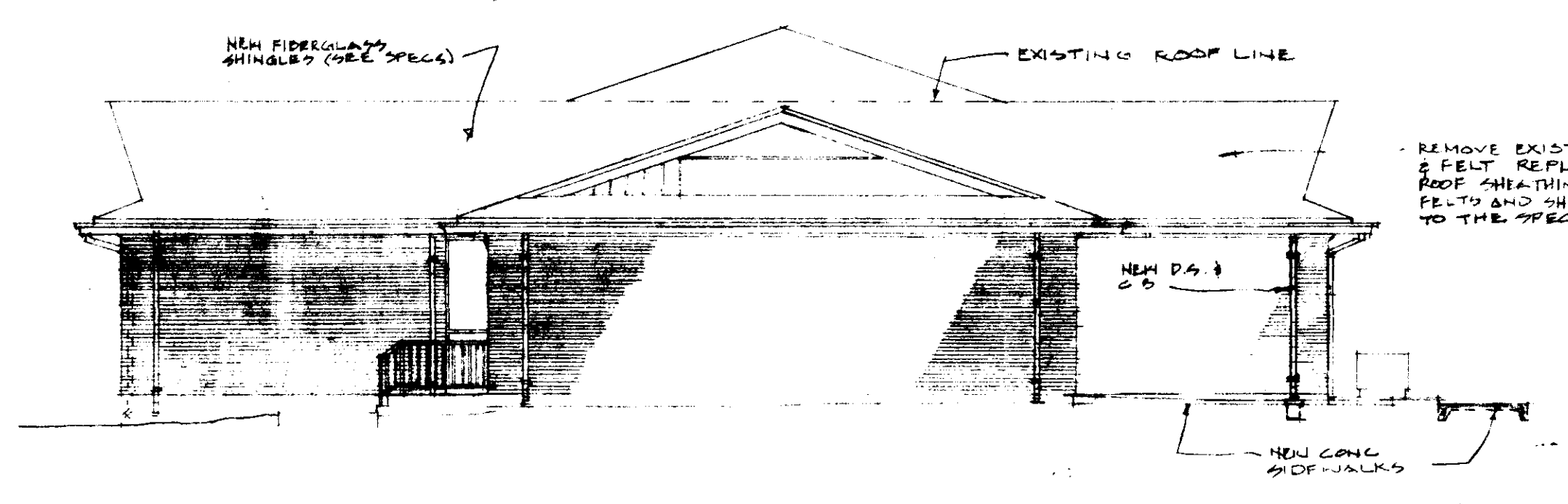
SECTION SCALE: 1/4"=1'-0"  
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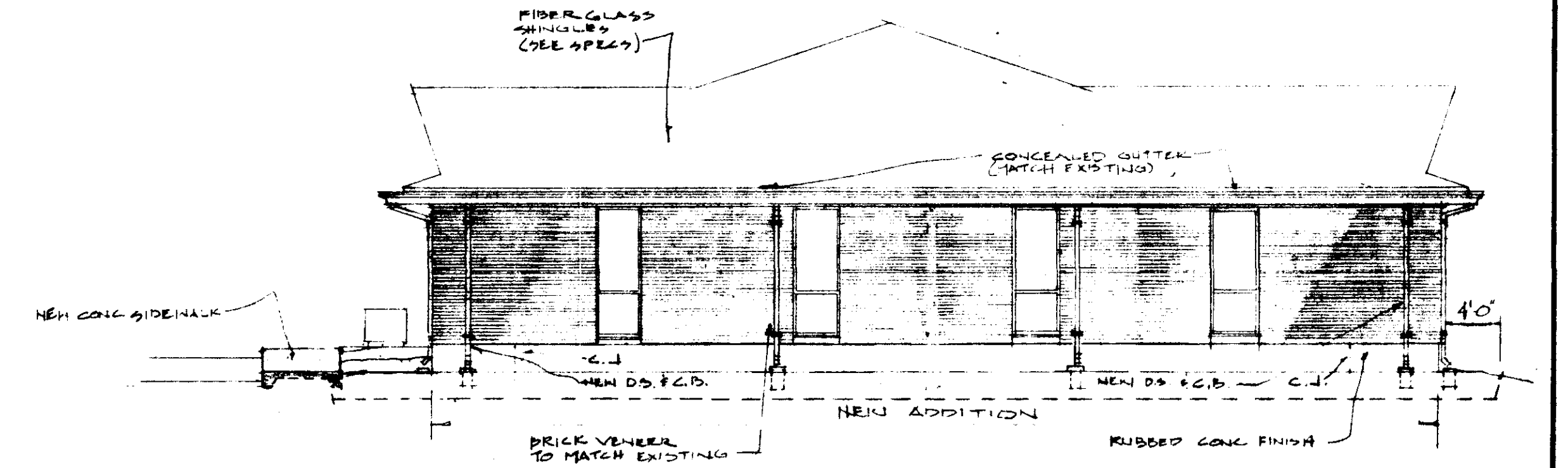
EAST ELEVATION  
1/8" = 1'-0"



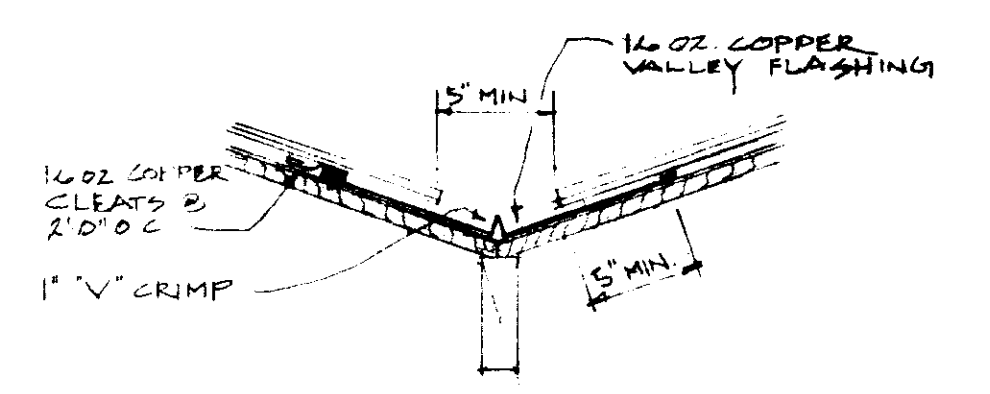
WEST ELEVATION  
1/8" = 1'-0"



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

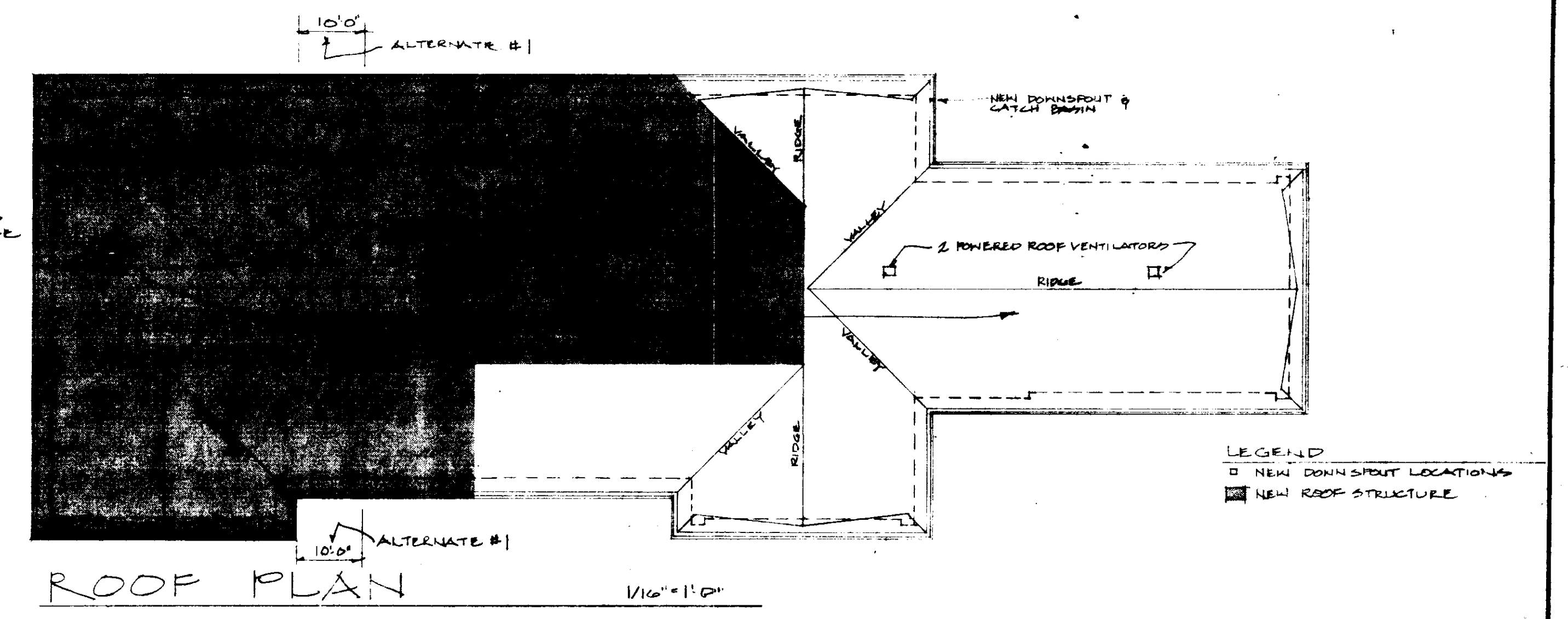


SOUTH ELEVATION  
1/8" = 1'-0"

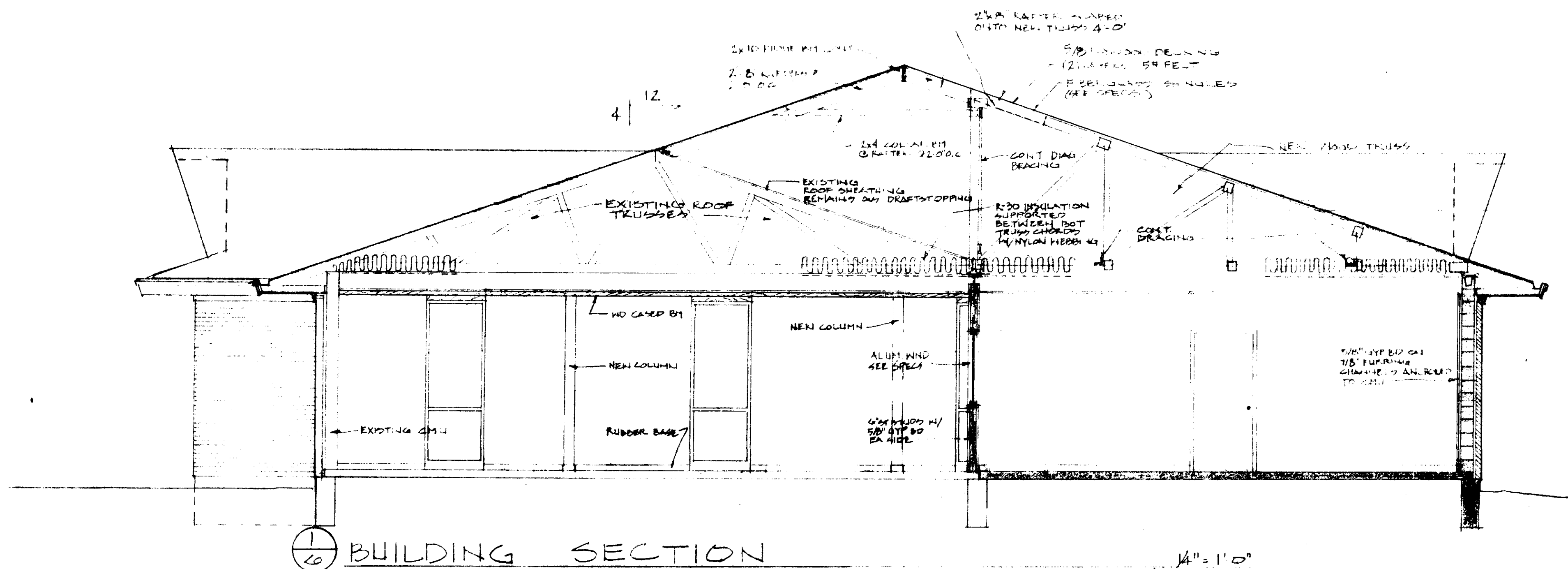


OPEN VALLEY FLASHING  
DETAIL  
(TYPICAL ALL VALLEYS)

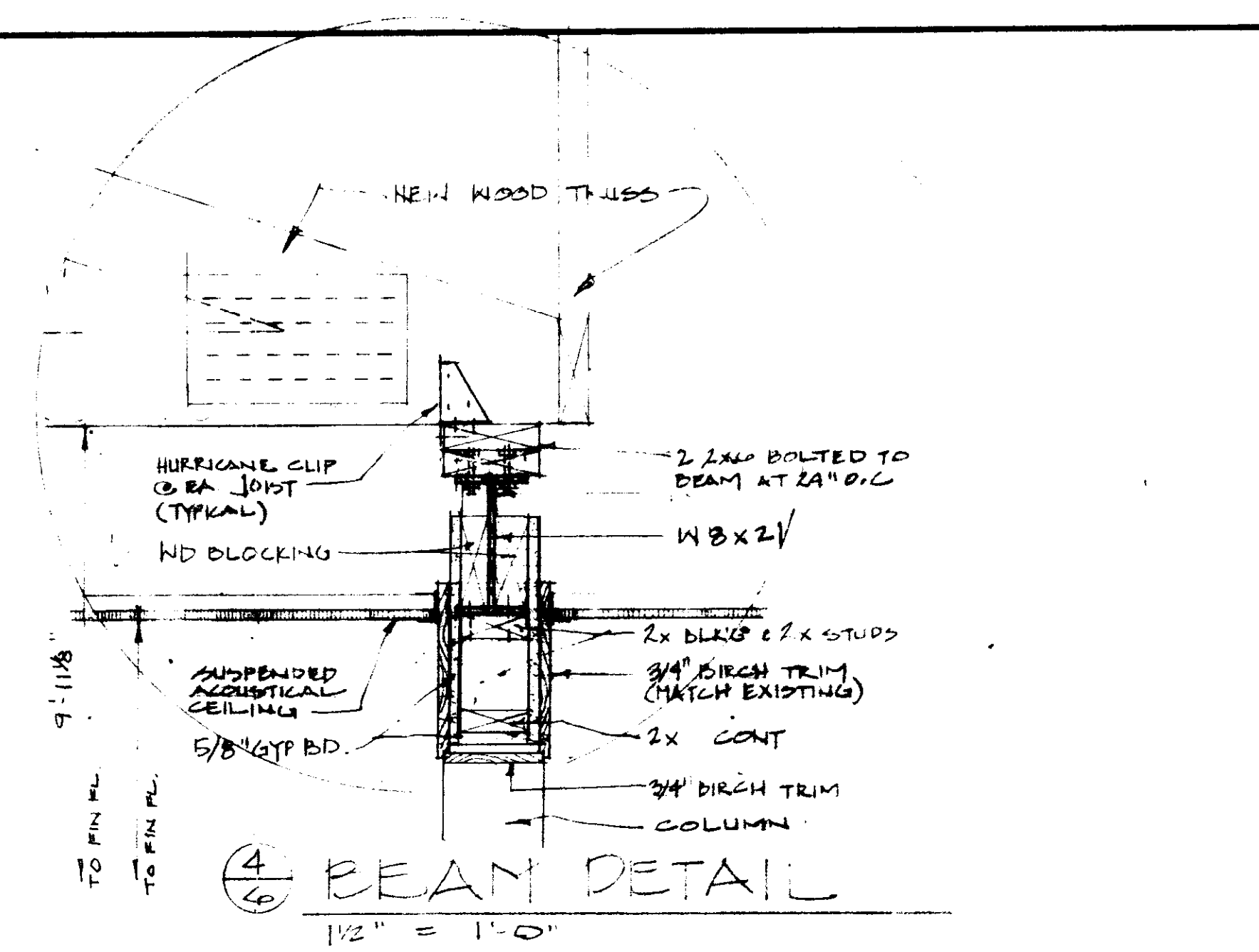
- GENERAL NOTES:
1. REMOVE EXISTING SHINGLES & FELT, REPAIR OR REPLACE WOOD DECKING.
  2. INSTALL NEW FIBERGLASS SHINGLES & ROOF FELT ACCORDING TO THE SPECIFICATIONS.
  3. INSPECT EXISTING BUILT-IN GUTTERS & DOWNSPOUTS AND REPAIR OR REPLACE AS REQUIRED.
  4. PROVIDE NEW FLASHING AT ALL PENETRATIONS THRU ROOF PER SPEC.
  5. INSTALL NEW POWERED ROOF VENTILATORS WHERE SHOWN.



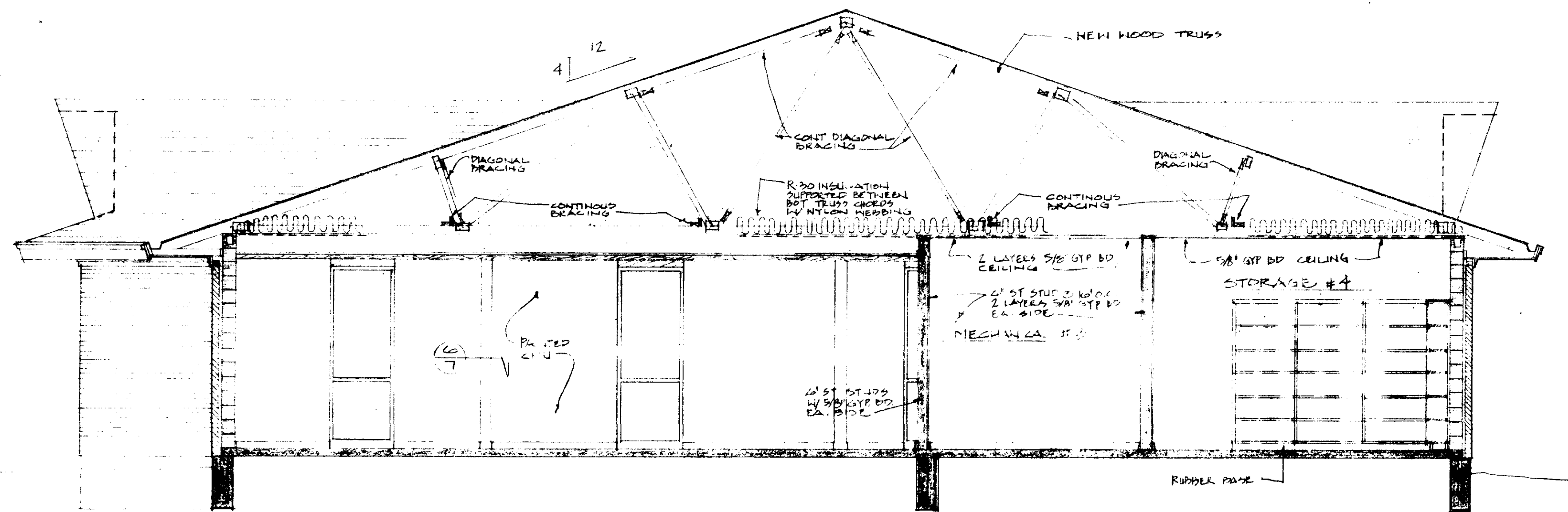
ROOF PLAN  
1/16" = 1'-0"



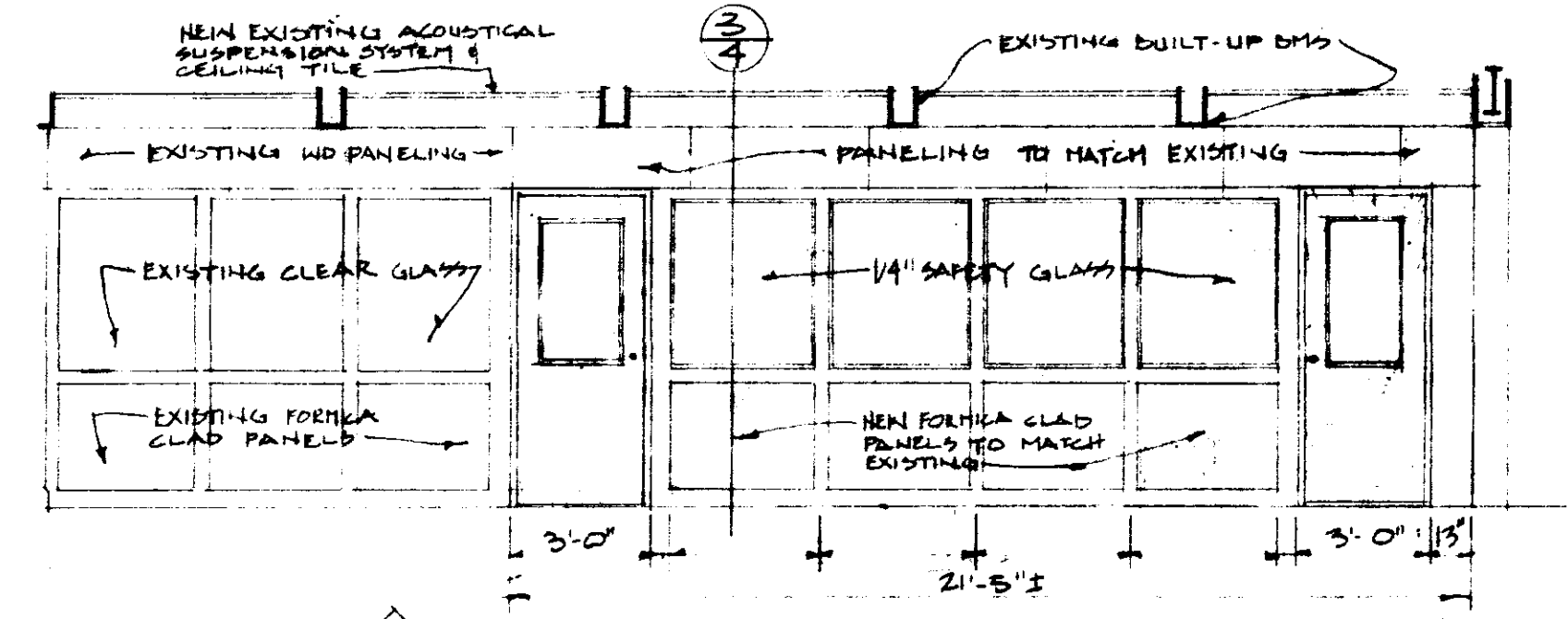
1/16 BUILDING SECTION 1/4" = 1'-0"



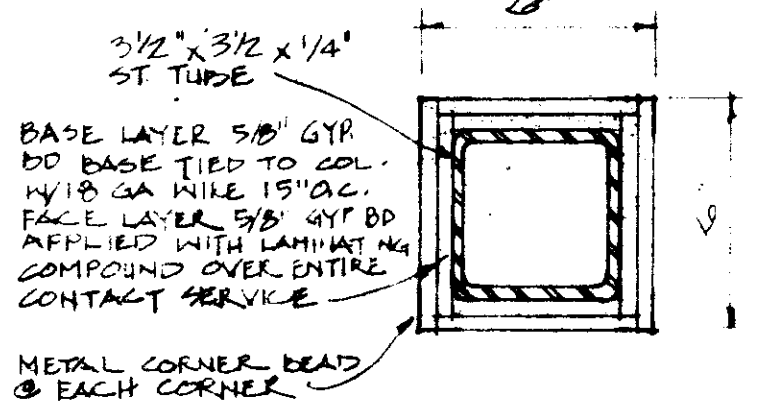
4/16 BEAM DETAIL 1/2" = 1'-0"



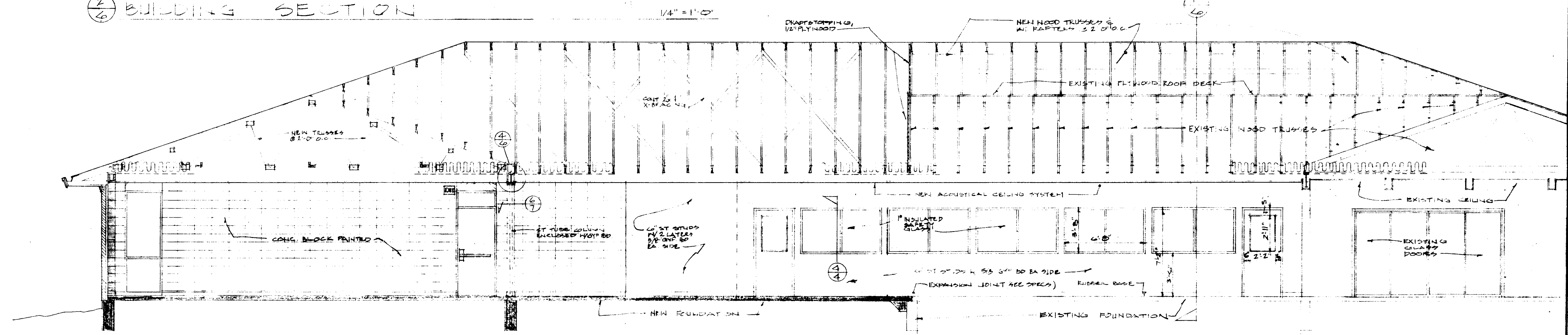
2/16 BUILDING SECTION 1/4" = 1'-0"



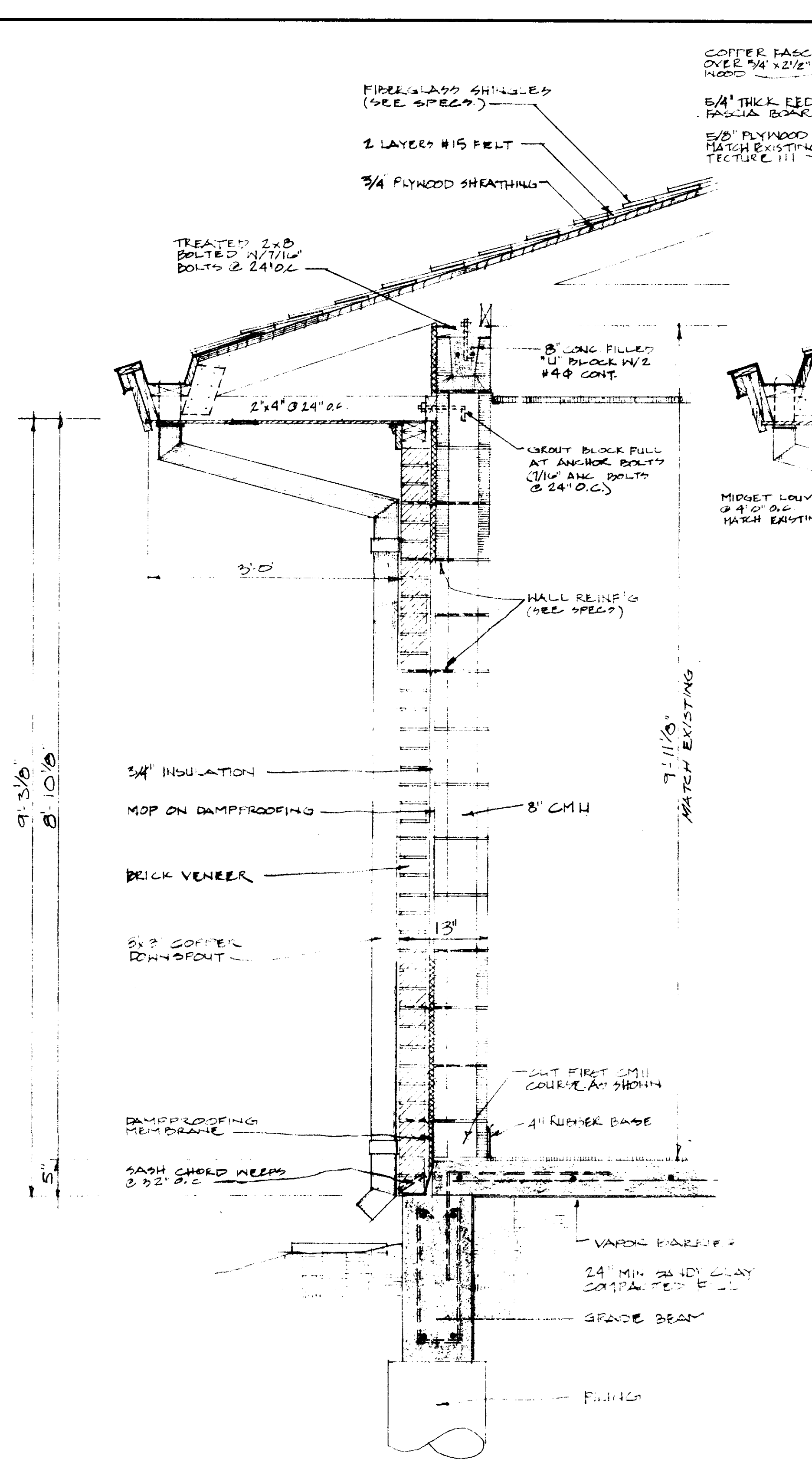
5/16 ELEVATION 1/4" = 1'-0"



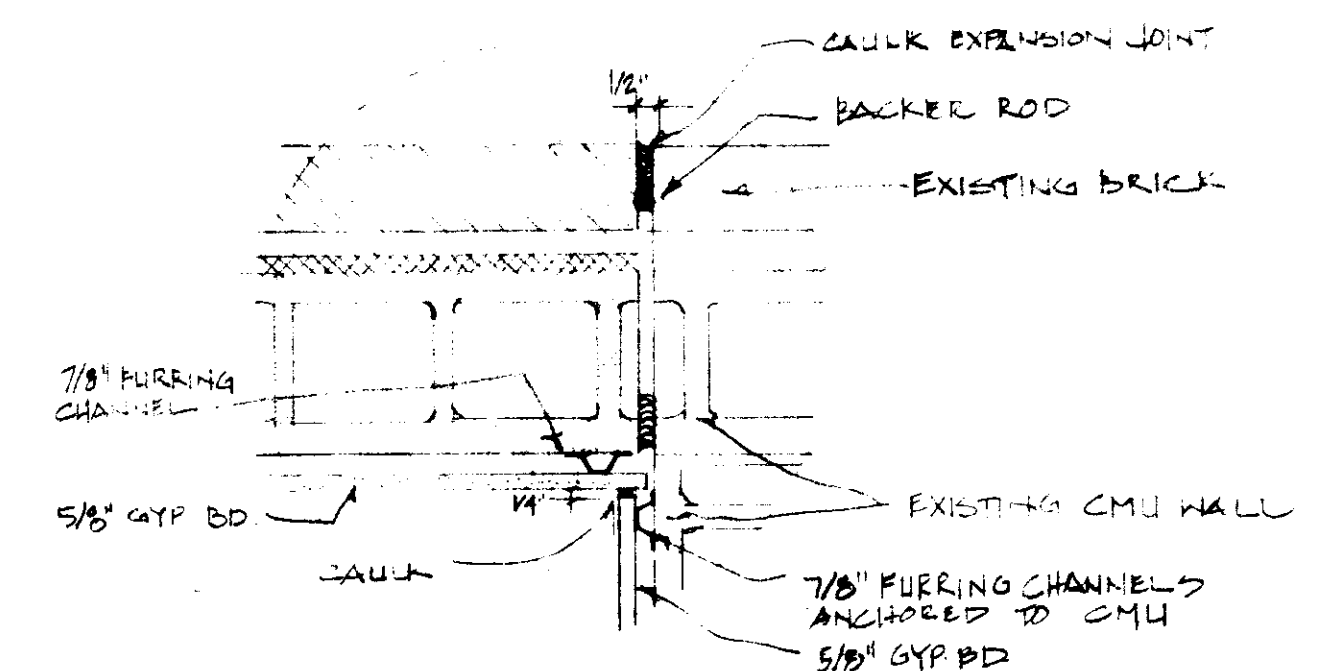
6/16 COLUMN DETAIL 3'-1" = 1'-0"



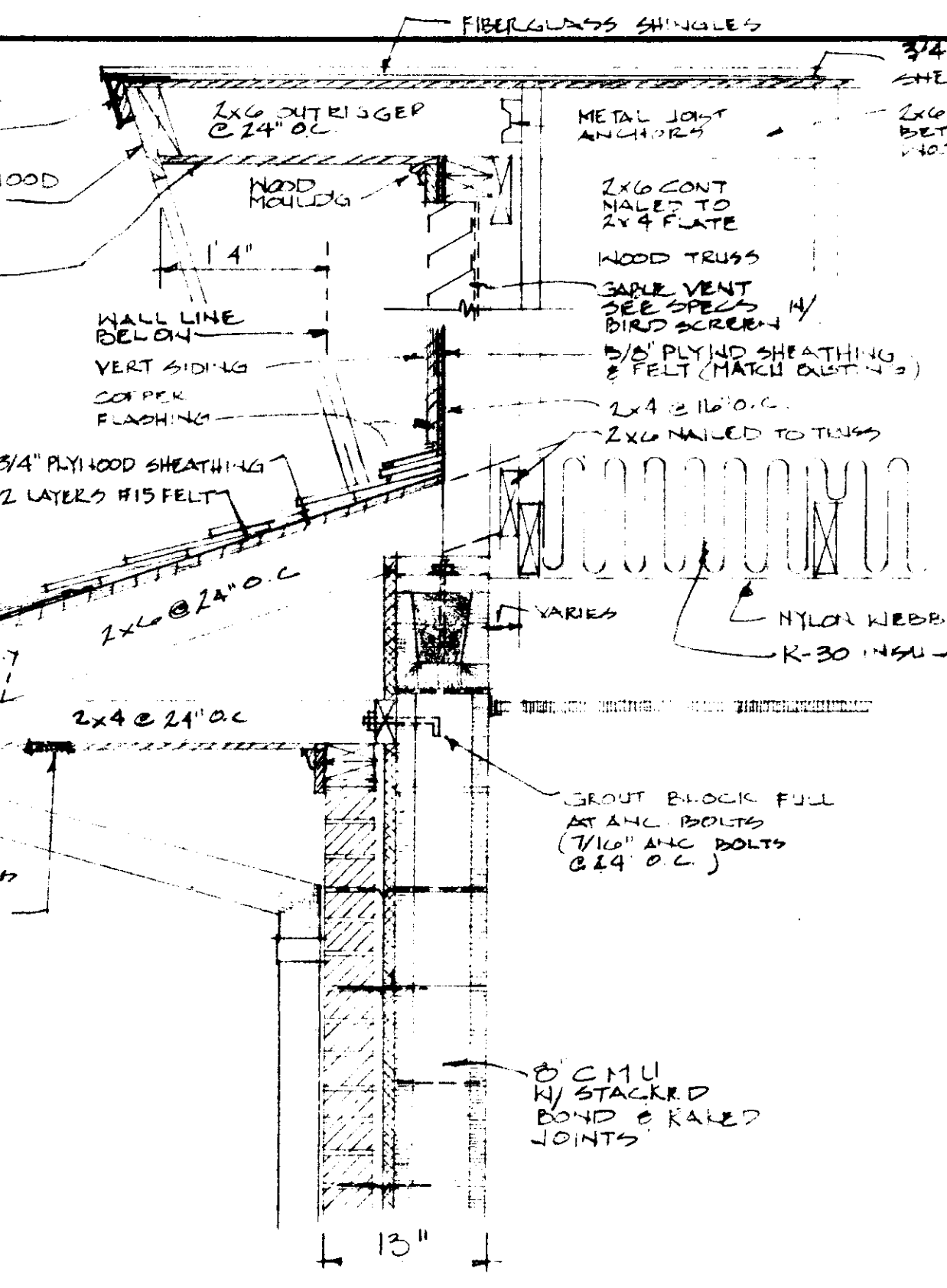
3/16 BUILDING SECTION 1/4" = 1'-0"



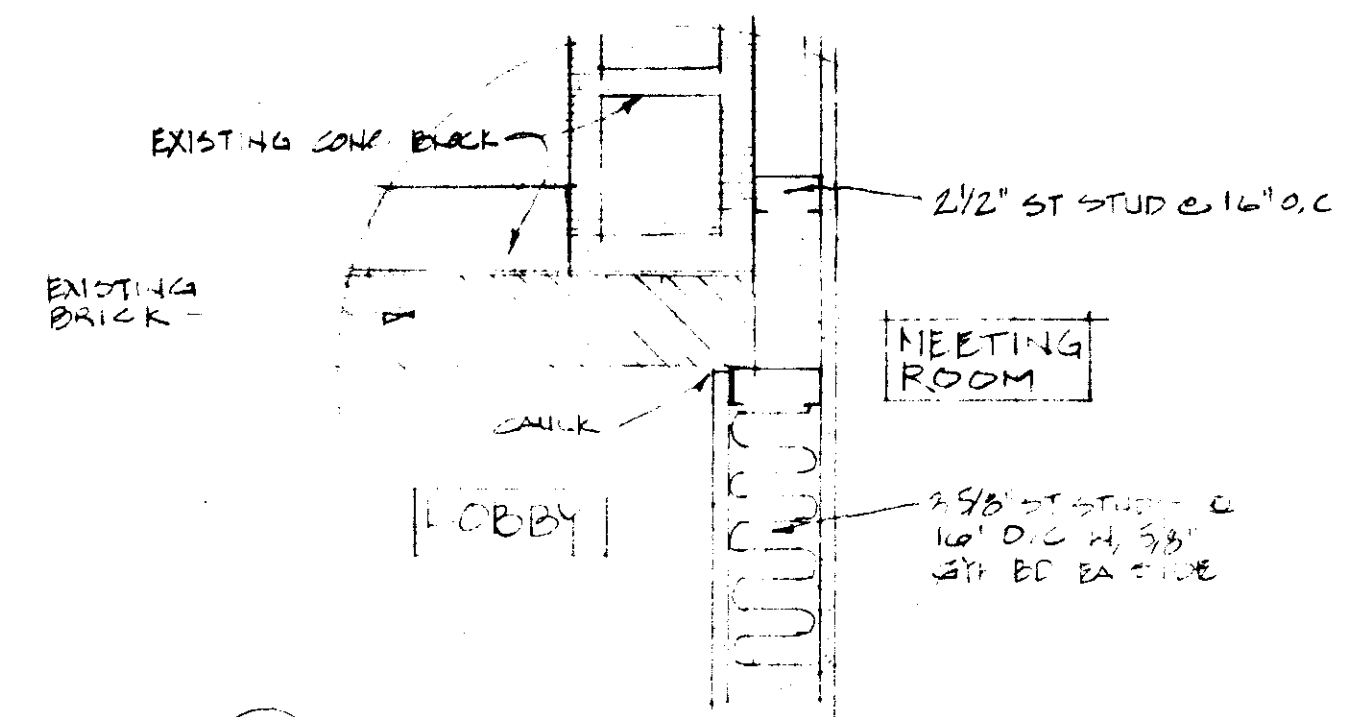
① SECTION THRU EXTERIOR WALL  
1" = 1'-0"



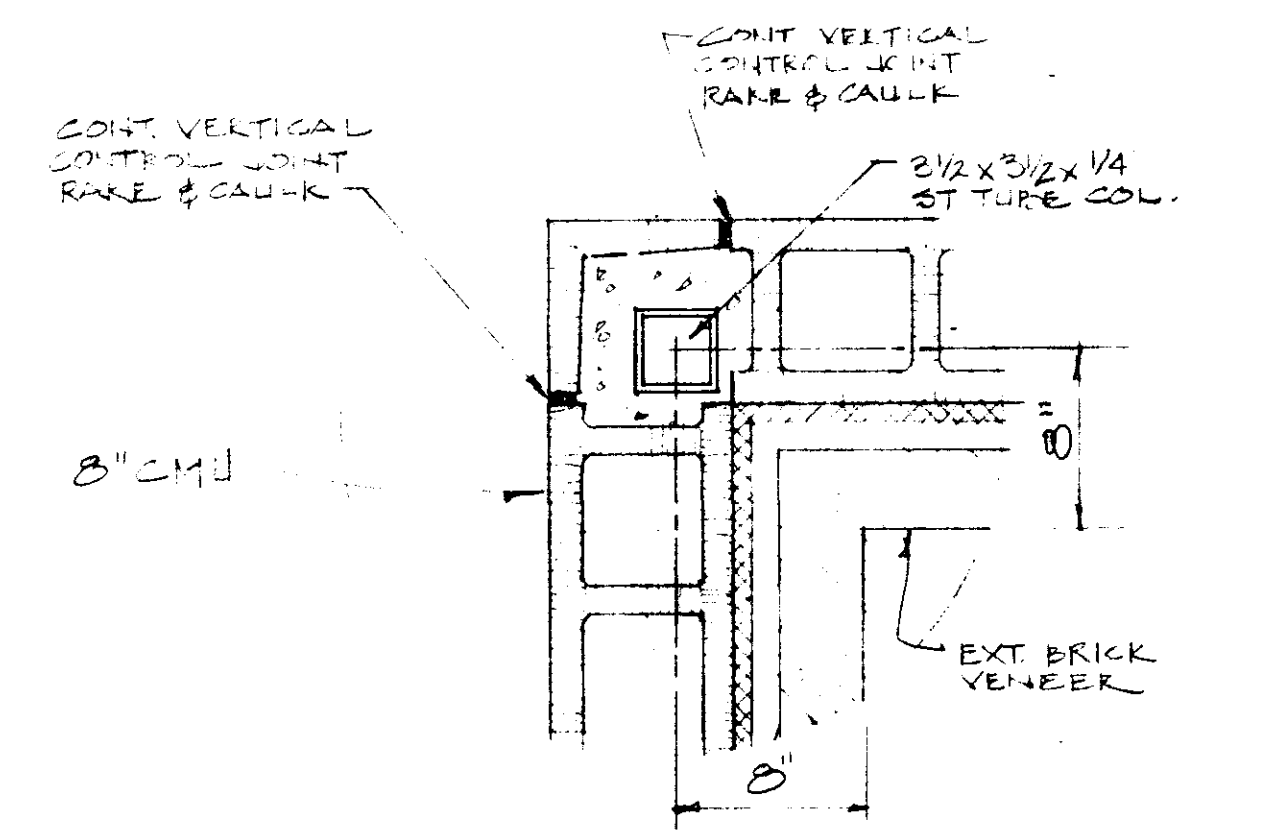
⑩ DETAIL OF NEW WALL MEETING EXISTING WALL  
1 1/2" = 1'-0"



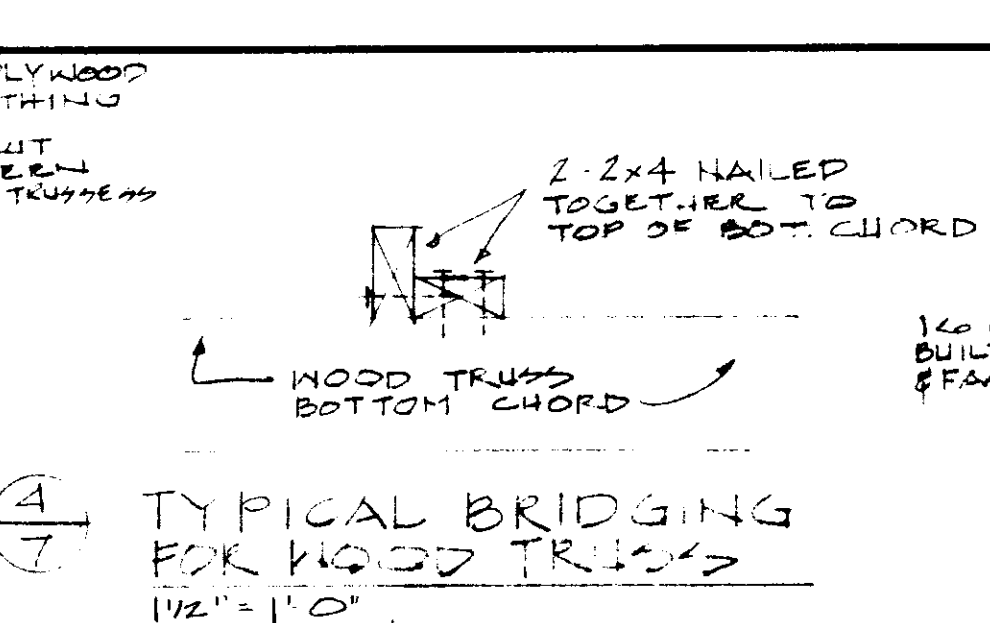
② SECTION AT GABLES  
1" = 1'-0"



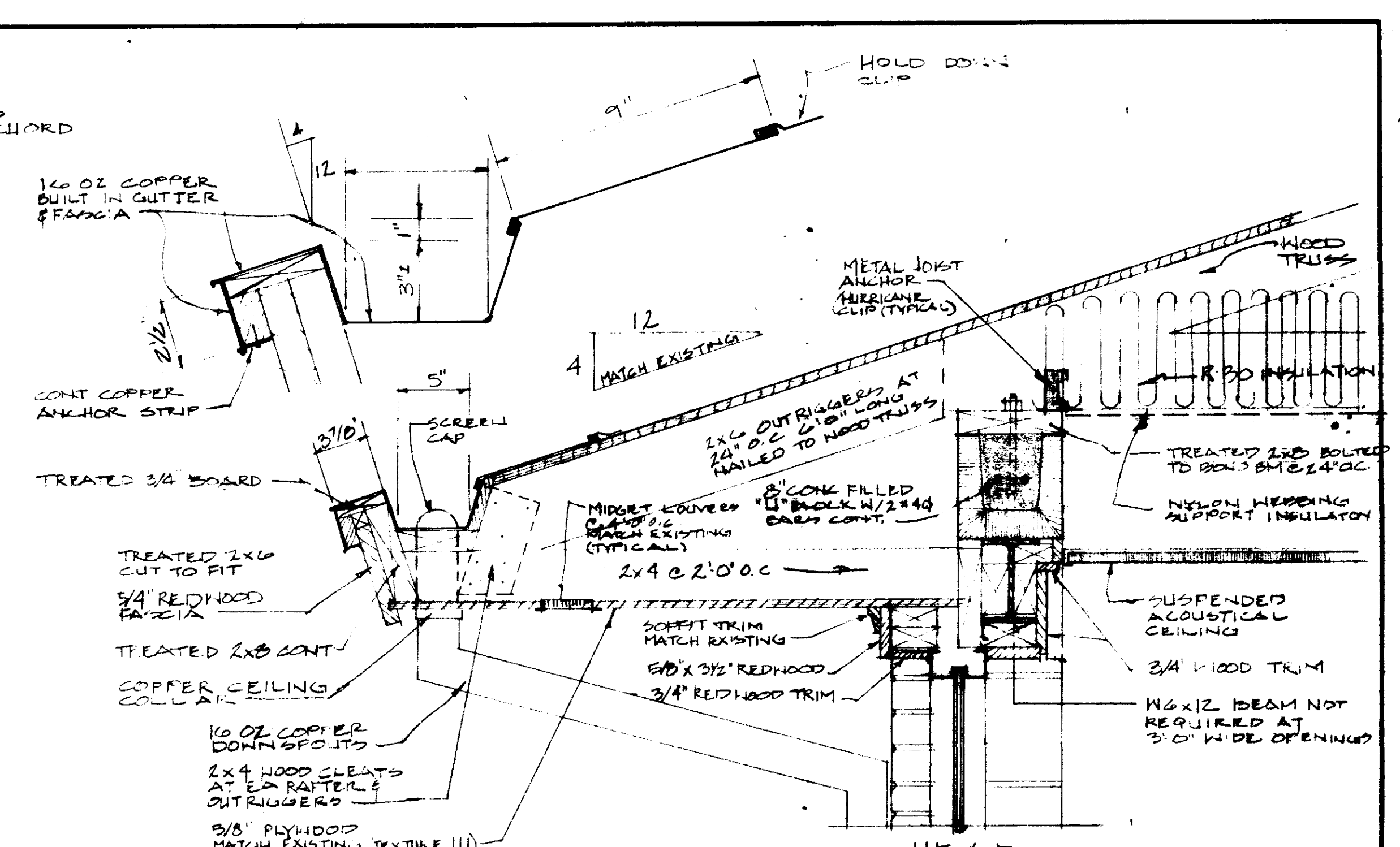
⑤ DETAIL OF STUD WALL AT EXISTING MASONRY  
1 1/2" = 1'-0" MUST COORDINATE W/DETAIL ⑥



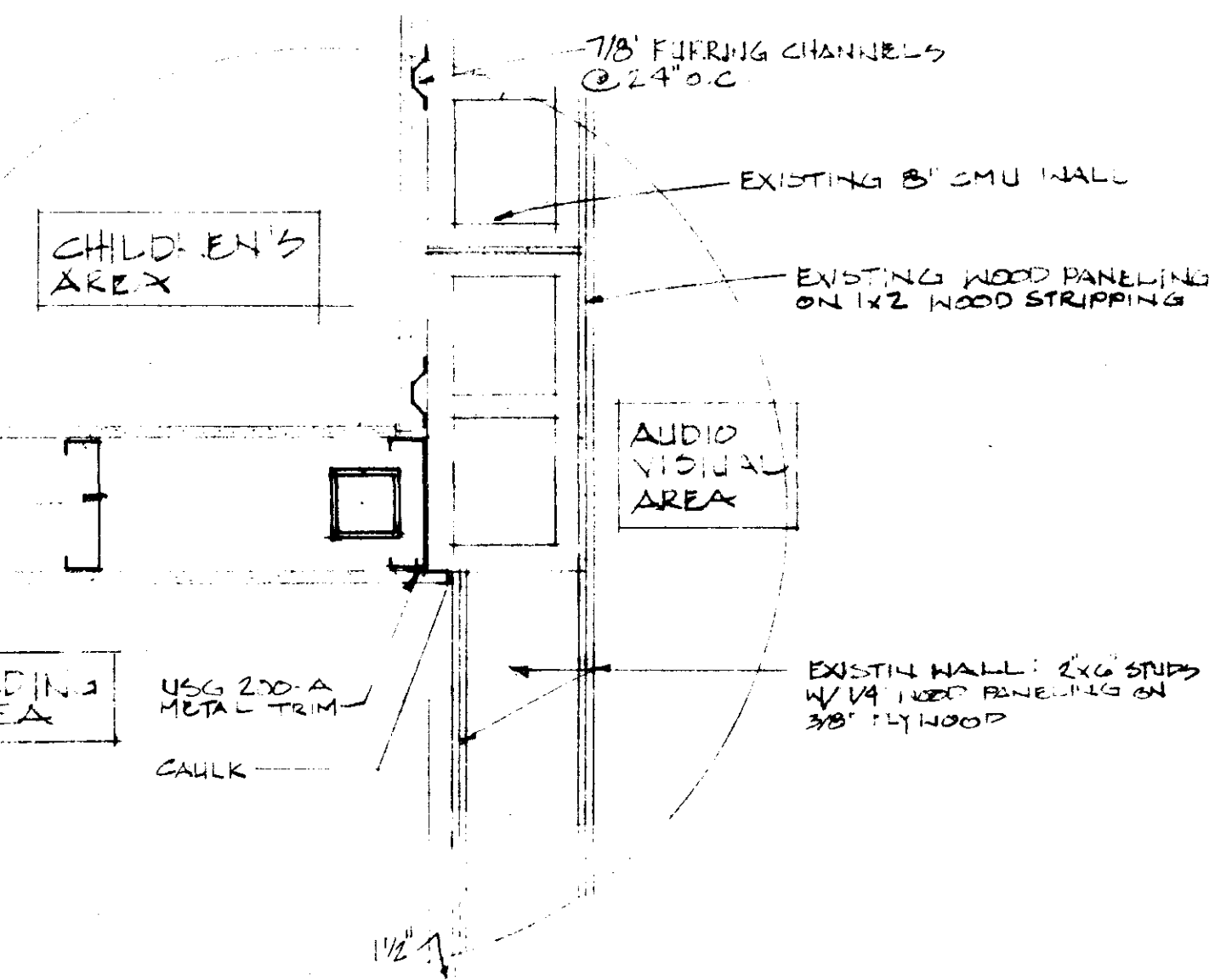
⑦ COLUMN DETAIL @ CMU WALL  
1 1/2" = 1'-0"



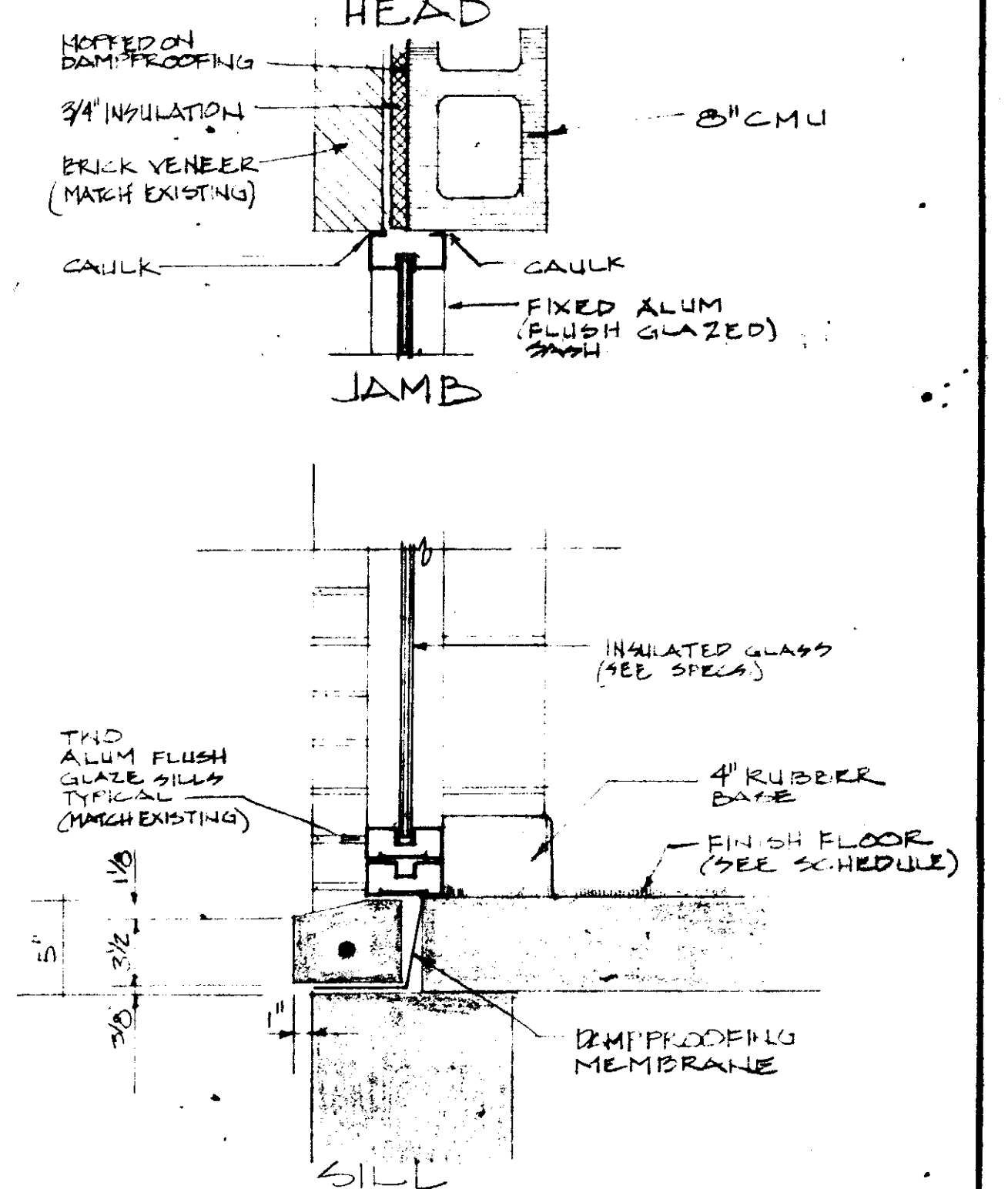
TYPICAL BRIDGING FOR WOOD TRUSSES  
1 1/2" = 1'-0"



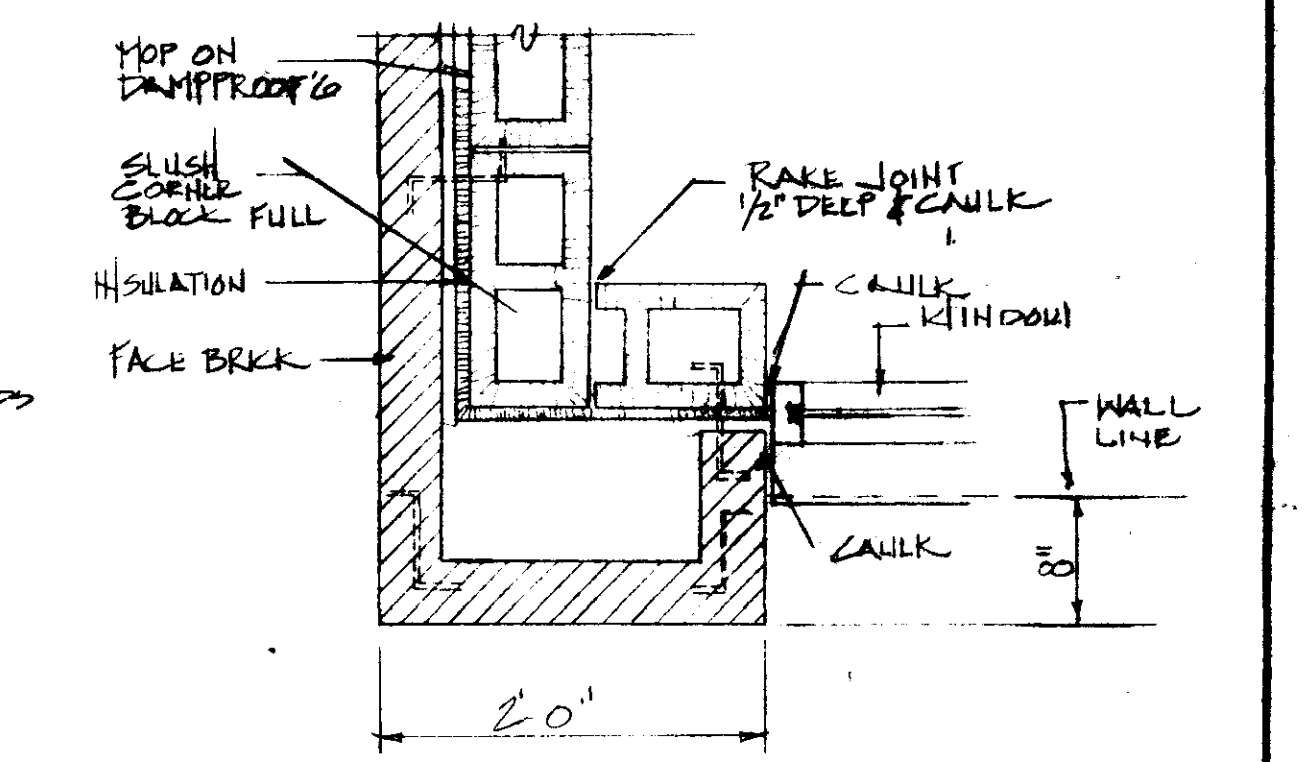
⑥ DETAIL OF STUD WALL AT EXISTING BRICK WALL  
1 1/2" = 1'-0" MUST COORDINATE W/DETAIL ⑤



⑧ DETAIL OF NEW WALL MEETING EXISTING WALL  
1 1/2" = 1'-0"

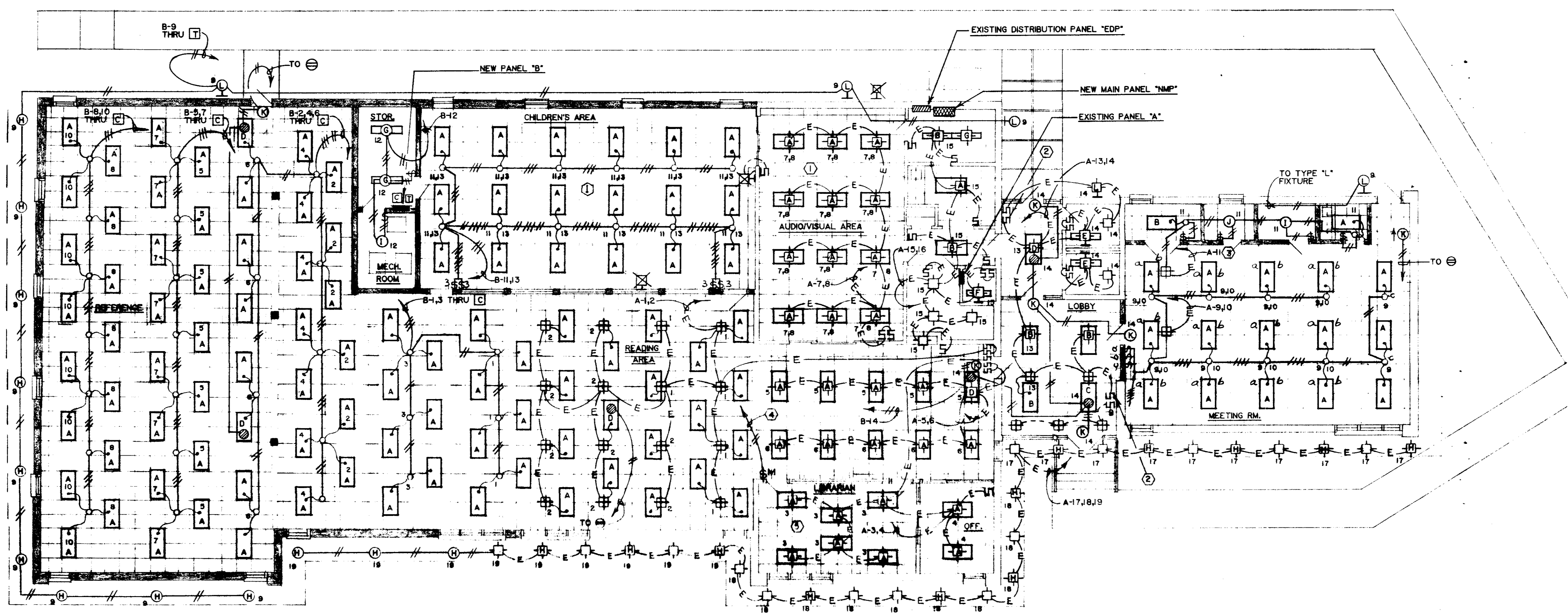


③ TYPICAL SECTION THRU FIXED WINDOW  
1 1/2" = 1'-0"



⑨ PLAN SECTION AT CORNERS SCALE 1" = 1'-0"

- NOTES:
- ① CONNECT TWO LAMPS PER FIXTURE THIS ROOM ON SEPARATE CIRCUITS.
  - ② CHANGE EXISTING THREE-WAY SWITCH TO A SINGLE POLE SWITCH.
  - ③ REMOVE EXISTING CIRCUIT A-12 CONDUCTORS FROM THIS HOMERUN.
  - ④ TO LIGHTING CONTACTOR AT PANEL "B".
  - ⑤ EXISTING SWITCH AND SWITCH LEG THAT CONTROLS LIGHTS IN THIS ROOM SHALL REMAIN. (VERIFY LOCATION)

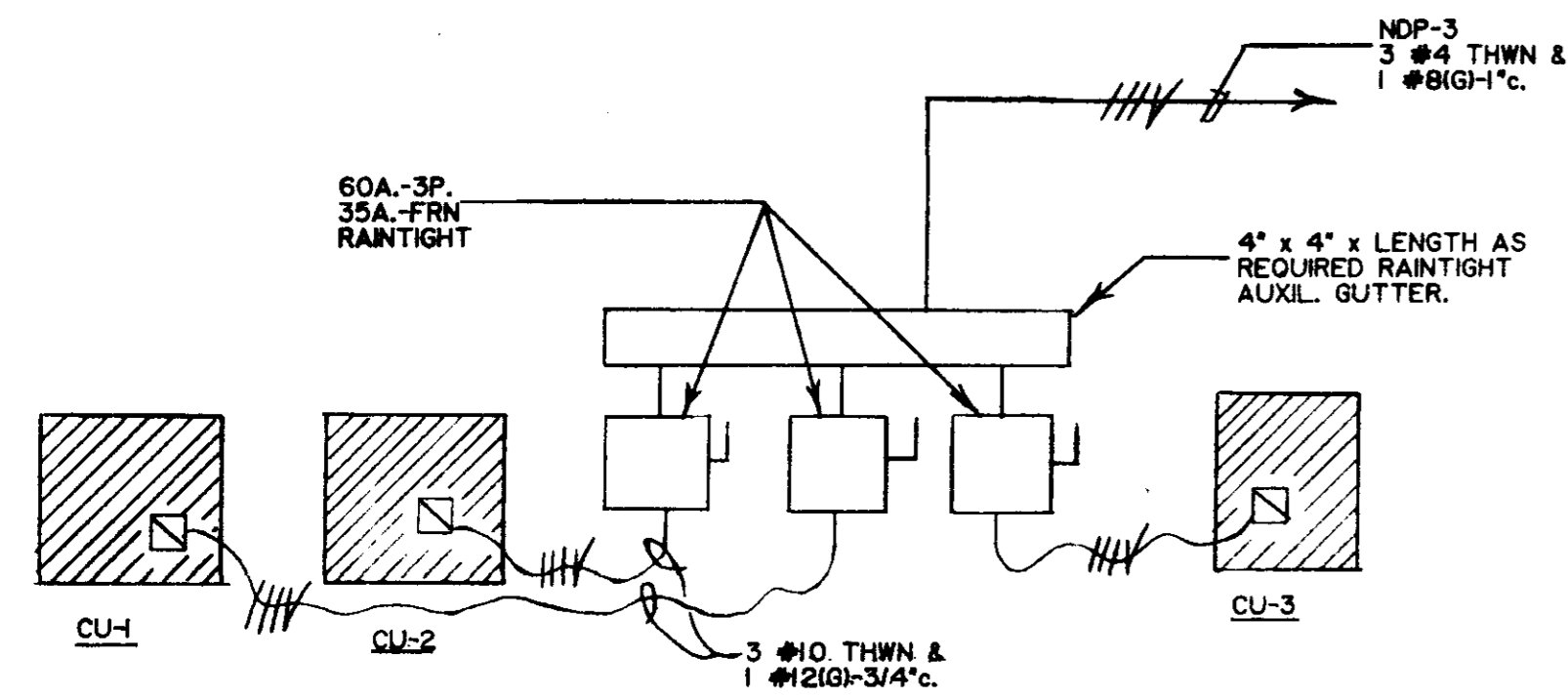


FLOOR PLAN - LIGHTING  
 SCALE: 1/8" = 1'-0"



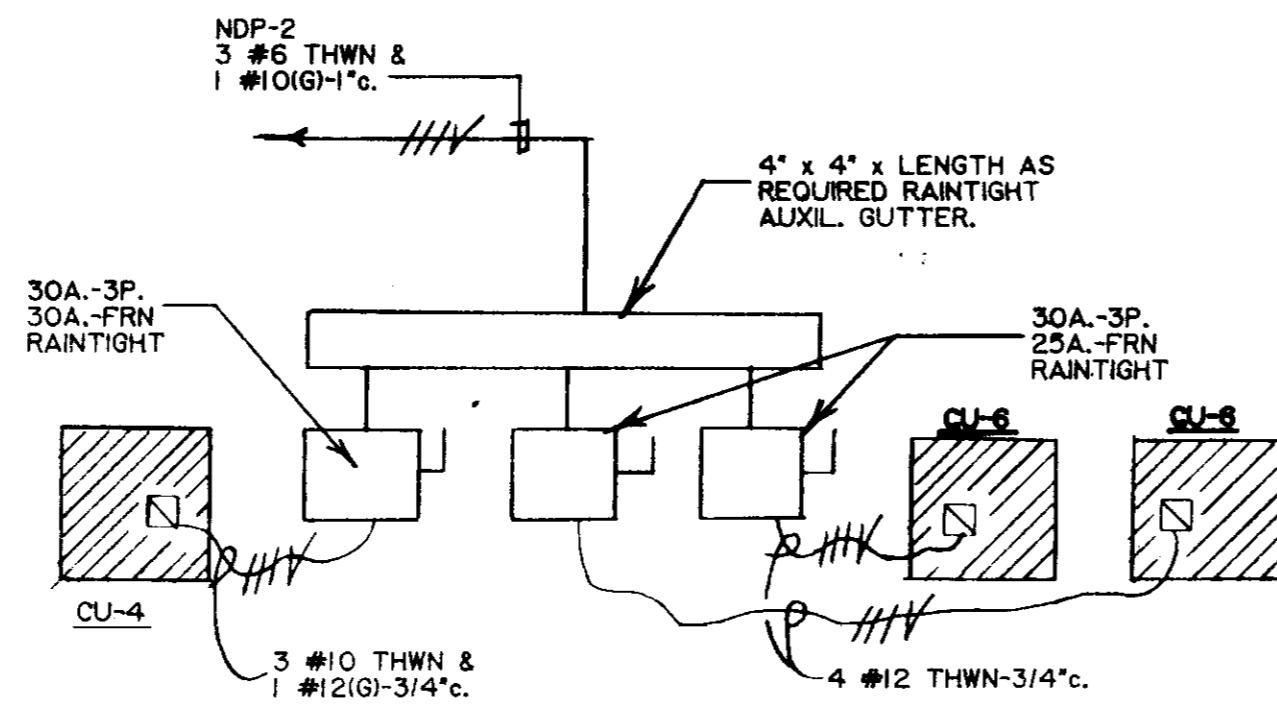
**NOTES:**

- ① INSTALL EXTENSION COLLARS ON THESE EXISTING OUTLETS SO OUTLETS WILL BE FLUSH WITH NEW WALL FINISH.
- ② EXISTING STONE TO BE REMOVED, REWORK EXISTING RECEPTACLES SO OUTLETS WILL BE FLUSH WITH NEW WALL FINISH, CHANGE WEATHERPROOF COVER TO STANDARD COVER PLATE.
- ③ INSTALL A 20A.-IP. BREAKER IN A SPACE AND CONNECT WITH 3 #12 THWN - 3/4".



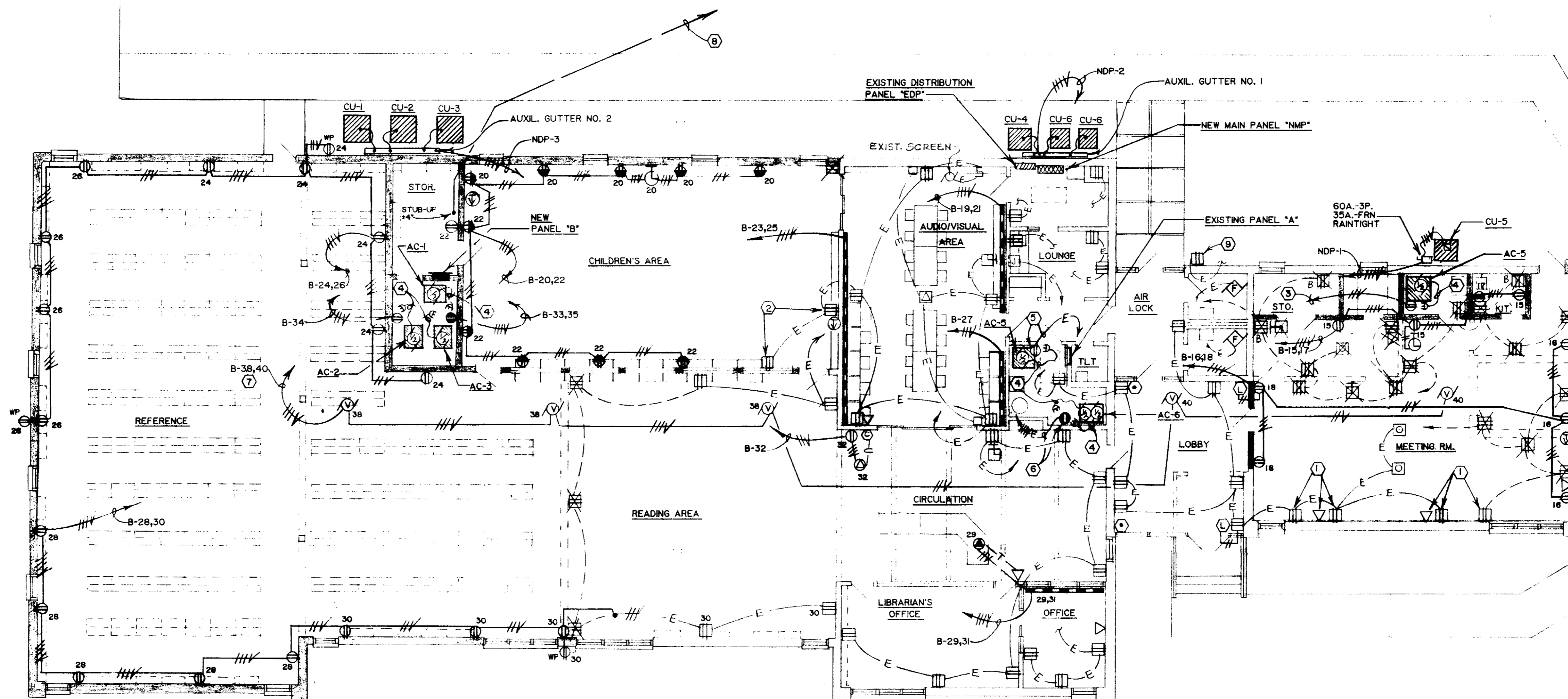
**DETAIL AUXIL. GUTTER NO. 2**  
NO. SCALE.

- ④ CONNECT WITH 3 CONDUCTOR TYPE S/O CORD AND CAP.
- ⑤ REMOVE EXISTING DISCONNECT SWITCH AND INSTALL A NEW RECEPTACLE, RECONNECT TO EXISTING BRANCH CIRCUIT WIRING AND REPLACE 15A.-IP. BREAKER IN PANEL "A" WITH A 20A.-IP. BREAKER.



**DETAIL AUXIL. GUTTER NO. 1**  
NO. SCALE.

- ⑥ REMOVE EXISTING DISCONNECT SWITCH AND INSTALL A NEW DUPLEX RECEPTACLE (SPLIT ON 2 CIRCUITS). REMOVE EXIST. WIRE FROM CONDUIT AND PULL-IN 4 #12 THWN AND REPLACE EXIST. 30A.-IP. BREAKER IN PANEL "A" WITH TWO 20A.-IP. BREAKERS.
- ⑦ CONNECT ROOF VENTILATORS VIA THERMOSTATS (PROVIDE DISCONNECTS IF REQUIRED).
- ⑧ 1" SCH. 40 P.V.C. CONDUIT 24" MIN. BELOW GRADE IN TRENCH WITH ELECT. SERVICE TO SERVICE POLE, STUB-UP 18" AND CAP FOR FUTURE T.V. CABLE.
- ⑨ CHANGE THIS RECEPTACLE TO A G.F.I. TYPE.



**FLOOR PLAN-POWER AND COMMUNICATIONS**  
SCALE: 1/8" = 1'-0"



**CHARLES P. McMULLAN & ASSOCIATES**  
ARCHITECTS  
JACKSON MISSISSIPPI

PROJECT NO. 9003  
DRAWN BY: DN  
CHECKED BY: WTL  
DATE: 9-15-90

ADDITIONS AND RENOVATIONS  
RIDGELAND CITY LIBRARY  
RIDGELAND, MISSISSIPPI

SHEET NO. **E-2**  
OF 12 SHEETS

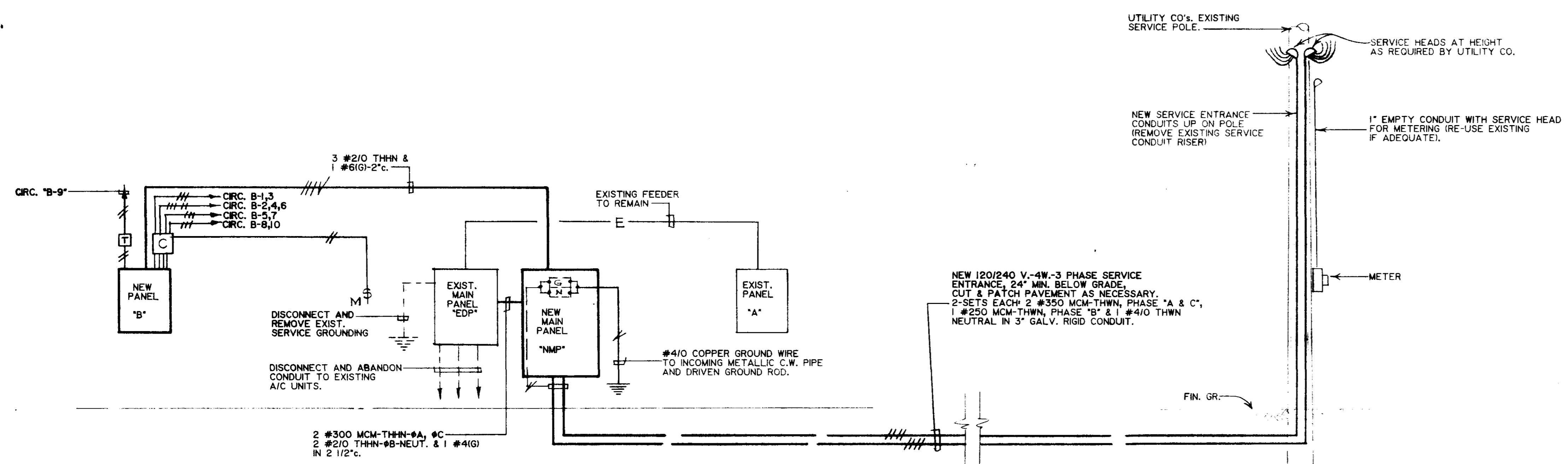
| PANEL "B"                           |     |      |      |      | I.T.E. Type MLAB or equal   |                    |     |      |      |      |                    |
|-------------------------------------|-----|------|------|------|---|--------------------|-----|------|------|------|--------------------|
| 225 Ampere Main Lugs Only           |     |      |      |      | Flush Mounted   |                    |     |      |      |      |                    |
| 120/240 Volts, Single Phase, 3 Wire |     |      |      |      | Feeder: 1 #2/0 per phase, 1 #2/0 Neutral entering top, 1 #6 Ground. |                    |     |      |      |      |                    |
| Branch Circuits:                    |     |      |      |      |   |                    |     |      |      |      |                    |
| No.                                 | Amp | Pole | Type | Wire | Description   | No.                | Amp | Pole | Type | Wire | Description        |
| 1                                   | 20  | 1    | BQ   | #12  | LIGHTS  | 2                  | 20  | 1    | BQ   | #12  | LIGHTS             |
| 3                                   |     |      |      |      |   | 4                  |     |      |      |      |                    |
| 5                                   |     |      |      |      |   | 6                  |     |      |      |      |                    |
| 7                                   |     |      |      |      |   | 8                  |     |      |      |      |                    |
| 9                                   |     |      |      |      |   | 10                 |     |      |      |      |                    |
| 11                                  |     |      |      |      | #10   | LGTS-SOFFIT, WALL  | 12  |      |      |      |                    |
| 13                                  |     |      |      |      | #12   | LIGHTS             | 14  |      |      |      | EXITS, NITE LITES  |
| 15                                  |     |      |      |      |   | RECPTS-KIT., MEET. | 16  |      |      |      | RECPTS-MEETING     |
| 17                                  |     |      |      |      |   | RECPTS-KITCH.      | 18  |      |      |      |                    |
| 19                                  |     |      |      |      |   | PLUGMOLD-A/V RM.   | 20  |      |      |      |                    |
| 21                                  |     |      |      |      |   |                    | 22  |      |      |      |                    |
| 23                                  |     |      |      |      |   |                    | 24  |      |      |      |                    |
| 25                                  |     |      |      |      |   |                    | 26  |      |      |      |                    |
| 27                                  |     |      |      |      |   |                    | 28  |      |      |      |                    |
| 28                                  |     |      |      |      |   |                    | 30  |      |      |      |                    |
| 31                                  |     |      |      |      |   |                    | 32  |      |      |      |                    |
| 33                                  |     |      |      |      |   |                    | 34  |      |      |      | AC-2               |
| 35                                  |     |      |      |      |   | AC-1               | 36  |      |      |      | SECURITY & COUNTER |
| 37                                  |     |      |      |      |   | AC-3               | 38  |      |      |      | ROOF VENTILATORS   |
| 39                                  |     |      |      |      |   | SPARE              | 40  |      |      |      | ROOF VENTILATORS   |
| 41                                  |     |      |      |      |   |                    | 42  |      |      |      | SPACE              |

| PANEL "NDP"                        |     |      |      |              | I.T.E. Type SSP or equal with door  |     |     |      |      |              |                      |
|------------------------------------|-----|------|------|--------------|---|-----|-----|------|------|--------------|----------------------|
| 600 Ampere Main Lugs Only          |     |      |      |              | Surface Mounted with Service Lable  |     |     |      |      |              |                      |
| 120/240 Volts, Three Phase, 4 Wire |     |      |      |              | Feeder: 2 #350 MCM per phase, A & C, 2 #250 MCM Phase B, 2 #4/0 Neutral, entering bottom. |     |     |      |      |              |                      |
| Branch Circuits:                   |     |      |      |              |   |     |     |      |      |              |                      |
| No.                                | Amp | Pole | Type | Wire         | Description   | No. | Amp | Pole | Type | Wire         | Description          |
| 1                                  | 40  | 3    | BQ   | 3#10<br>1#12 | CU-5  | 2   | 60  | 3    | BQ   | 3#8<br>1#10  | CU-4 & 6, VIA GUTTER |
| 3                                  | 80  | 3    | BQ   | 3#4<br>1#6   | CU-1, 2, 3, VIA GUTTER  | 4   | 175 | 2    | QJ2  | 3#2/0<br>1#6 | NEW PANEL "B"        |
| 5                                  | 350 | 3    | JXD2 | SEE<br>RISER | EXIST. PANEL "EDP"  | 6   | --  | 3    | QJ2  | --           | SPACE                |

| FIXTURE SCHEDULE |        |          |              |                   |             |                             |
|------------------|--------|----------|--------------|-------------------|-------------|-----------------------------|
| Desig            | Type   | Mounting | Manufacturer | Catalog Number    | Lamp        | Remarks                     |
| A                | FLUOR. | RECESSED | LITHONIA     | 2GT440A12.125FR   | 4-F34-T12CW |                             |
| B                | FLUOR. | RECESSED | LITHONIA     | 2GT440A12.125FR   | 2-F34-T12CW |                             |
| C                | FLUOR. | RECESSED | LITHONIA     | 2GT240A12.125ELFR | 2-F34-T12CW | WITH EMERGENCY BATTERY PACK |
| D                | FLUOR. | RECESSED | LITHONIA     | 2GT440A12.125ELFR | 4-F34-T12CW | WITH EMERGENCY BATTERY PACK |
| E                | FLUOR. | WALL     | LITHONIA     | W240-120V         | 2-F34-T12CW | ±8'-6" A.F.F.               |
| F                | FLUOR. | WALL     | LITHONIA     | W230-120V         | 2-F30-T12CW | ±8'-6" A.F.F.               |
| G                | FLUOR. | SURFACE  | LITHONIA     | CS240A            | 2-F34-T12CW |                             |
| H                | H.I.D. | RECESSED | LITHONIA     | RC1BL-LH100S      | 1-100W-HPS  |                             |
| I                | INCAN. | SURFACE  | LEVITON      | 9875              | 1-75W-A19   |                             |
| J                | INCAN. | SURFACE  | LITHONIA     | SP-11             | 2-60W-A19   |                             |
| K                | EXIT   | SURFACE  | LITHONIA     | F2ESIRELN         | FURNISHED   |                             |
| L                | H.I.D. | WALL     | RUUD         | E4507-1           | 1-70W-HPS   | ±8'-6" A.F.F.               |

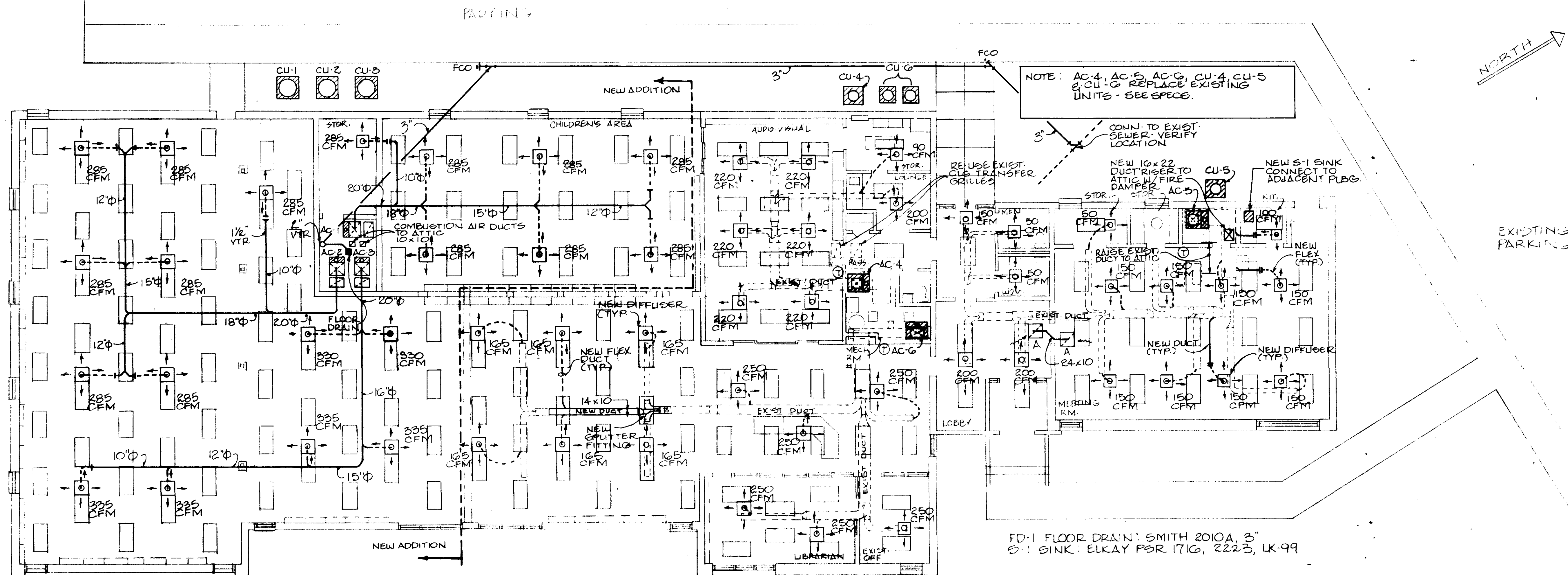
| LEGEND (Cont'd) |   |
|-----------------|---|
| SYMBOL          | DESCRIPTION   |
|                 | CONNECTION TO EXHAUST FAN, FAN BY MECH. CONTR.  |
|                 | EXISTING EXHAUST FAN TO REMAIN  |
|                 | CONNECTION TO ROOF VENTILATOR, VENTILATOR BY OTHERS.  |
|                 | EXISTING JUNCTION BOX.  |
|                 | EXISTING CLOCK OUTLET.  |
|                 | LIGHTING CONTACTOR MECHANICALLY HELD, 10 POLES.   |
|                 | MOMENTARY CONTACT TOGGLE SWITCH TO OPERATE CONTACTOR, 48" A.F.F.  |
|                 | ELECTRONIC A.C. POWERED PEOPLE COUNTER, ±30" A.F.F. EQUAL TO "THE LASER COUNTER" BY LASER ELECTRONICS (I-800-441-BOOK), NEMA-1. |
|                 | RETRO-REFLECTOR ±30" A.F.F. TO BE A PART OF "THE LASER COUNTER".  |

| LEGEND |  |
|--------|--|
| SYMBOL | DESCRIPTION  |
|        | CONDUIT RUN CONCEALED IN WALL OR ABOVE CEILING, NUMBER WIRES.  |
|        | CONDUIT RUN CONCEALED IN OR UNDER FLOOR, NUMBER WIRES.   |
|        | INDICATED GREEN GROUNDING CONDUCTOR, SIZE PER BRANCH CIRCUIT UNLESS OTHERWISE NOTED.   |
|        | BRANCH CIRCUIT EXPOSED IN FLEXIBLE LIQUID TIGHT CONDUIT, NUMBER OF WIRES.  |
|        | EXISTING WIRING SYSTEM IN CONDUIT, (NUMBER OF NEW CONDUCTORS) CHANGE FROM EXISTING TO NEW CONDUIT.   |
|        | CONDUIT HOME RUN, PANEL AND CIRCUIT DESIGNATION, NUMBER OF WIRES.  |
|        | EXISTING CONDUIT, PULL OUT WIRING, REMOVE CONDUIT OR ABANDON IF NOT ACCESSIBLE.  |
|        | EXISTING CONDUIT HOMERUN, TO REMAIN.   |
|        | EXISTING CONDUIT, WITH WIRING TO REMAIN.   |
|        | EXISTING CONDUIT PULL OUT EXISTING WIRING AND PULL IN NUMBER OF NEW CONDUCTORS AS INDICATED.   |
|        | RECESSED FLUORESCENT FIXTURE, FIXTURE TYPE, CIRCUIT NUMBER.  |
|        | CEILING OUTLET WITH FLUORESCENT FIXTURE, FIXTURE TYPE, CIRCUIT NUMBER.   |
|        | CEILING OUTLET WITH INCANDESCENT OR H.I.D. FIXTURE, FIXTURE TYPE, CIRCUIT NUMBER.  |
|        | WALL BRACKET OUTLET WITH INCANDESCENT OR H.I.D. FIXTURE, FIXTURE TYPE, CIRCUIT NUMBER.   |
|        | FLUORESCENT BRACKET WITH FIXTURE TYPE, CIRCUIT NUMBER.   |
|        | INDICATES 2-LAMPS CONNECTED TO NITE LITE WITH EMERGENCY BATTERY PACK, CIRCUIT NUMBER.  |
|        | EXISTING CEILING OUTLET, REMOVE FIXTURE AND INSTALL NEW FIXTURE, FIXTURE TYPE, CIRCUIT NUMBER.   |
|        | EXISTING CEILING OUTLET, REMOVE FIXTURE AND INSTALL BLANK COVER.   |
|        | EXISTING CEILING OUTLET AND FIXTURE TO REMAIN.   |
|        | EXISTING WALL BRACKET OUTLET, REMOVE FIXTURE AND INSTALL NEW FIXTURE, FIXTURE TYPE, CIRCUIT NUMBER.  |
|        | JUNCTION BOX ABOVE CEILING WITH BLANK COVER AND WIRING IN FLEXIBLE CONDUIT CONNECTION TO LIGHT FIXTURE.  |
|        | WALL TELEPHONE OUTLET AND PLATE WITH 3/4" CONDUIT UP IN WALL AND TURN OUT ABOVE ACCESSIBLE CEILING, 18" A.F.F. OR AS NOTED.  |
|        | FLOOR BOX, COMBINATION TELEPHONE AND DUPLEX GROUNDABLE RECEPTACLE, STEEL CITY #642, WITH P-64-DS & FLUSH RECEPT., #700 SPLIT BELL NOZZLE AND P-64-26-CP CARPET PLATE.  |
|        | FLOOR BOX, COMBINATION TELEPHONE DUPLEX GROUNDABLE, 20 AMP RECEPTACLE AND COMPUTER, STEEL CITY #643, WITH P-64-DS & FLUSH RECEPT., AND TWO (2) #700 SPLIT BELL NOZZLES AND P-64-3G-CP CARPET PLATE.                  |
|        | EXISTING FLOOR BOX.  |
|        | EXISTING TELEPHONE OUTLET.   |
|        | WALL SWITCH, SINGLE POLE, FLUSH TUMBLER, 48" A.F.F. OR AS NOTED.   |
|        | WALL SWITCH, THREE WAY, FLUSH TUMBLER, 48" A.F.F. OR AS NOTED.   |
|        | TIME SWITCH, 40 AMP, DOUBLE POLE WITH ASTRONOMIC DIAL, EQUAL TO PARAGON CAT. NO. 4213-005Z.  |
|        | SWITCH SAFETY, 30 AMP, 2 POLE, UNFUSED OR AS NOTED.  |
|        | EXISTING WALL SWITCH.  |
|        | EXISTING RECEPTACLE TO REMAIN.   |
|        | THIS SYMBOL THRU ANY OTHER SYMBOL INDICATES TO REMOVE.   |
|        | THIS SYMBOL ADJACENT TO ANY OTHER SYMBOL INDICATES TO BLANK-UP.  |
|        | CONNECTION TO CONTROLLER FURNISHED WITH EQUIPMENT.   |
|        | GROUNDABLE DUPLEX CONVENIENCE OUTLET, 20 AMP, 3 WIRE, CIRCUIT NUMBER, 18" A.F.F.   |
|        | GROUNDABLE DUPLEX CONVENIENCE OUTLET, 15 AMP, 3 WIRE, WEATHERPROOF, CIRCUIT NUMBER, 18" A.F.F. WITH GROUND FAULT CIRCUIT INTERRUPTER.  |
|        | GROUNDABLE DUPLEX CONVENIENCE OUTLET, 15 AMP, 3 WIRE, WITH GROUND FAULT CIRCUIT INTERRUPTER, CIRCUIT NUMBER, MOUNT ABOVE COUNTER HEIGHT.   |
|        | CLOCK HANGER OUTLET WITHOUT CLOCK, 1'-6" BELOW CEILING OR AS NOTED.  |
|        | GROUNDABLE DUPLEX CONVENIENCE OUTLET, 15A.-3W. SAFETY TYPE, CIRCUIT NUMBER, 18" A.F.F.   |
|        | SURFACE METAL RACEWAY TWO COMPARTMENT WITH DIVIDER AND DUPLEX GROUNDABLE RECEPTACLE AND TWIST OUT HOLE WITH GROMMET FOR COMPUTER CABLE, EQUAL TO WIREMOLD #4000 WITH NECESSARY FITTINGS, PAINT TO MATCH WALL FINISH. |
|        | GROUNDABLE DUPLEX RECEPTACLE, SPLIT ON TWO CIRCUITS.   |
|        | TELEVISION OUTLET, SWITCH BOX WITH BLANK COVER AND 3/4" STUB-UP TO ABOVE ACCESSIBLE CEILING.   |



**POWER RISER DIAGRAMS**  
NOT TO SCALE

STREET TO JAIL



FD-1 FLOOR DRAIN: SMITH 2010A, 3"  
 S-1 SINK: ELKAY FOR 1716, 2223, LK-99

FLOOR PLAN  
 SCALE: 1/8" = 1'0"

GORDIN MCCOOL, P.E.  
 P. O. Box 15458  
 JACKSON, MS 39206  
 (601) 981-5643

|  |  |   |   |                               |
|--|--|---|---|-------------------------------|
|  | <b>CHARLES P. McMULLAN &amp; ASSOCIATES</b><br>ARCHITECTS<br>JACKSON MISSISSIPPI | PROJECT NO. 9208<br>DATE: 07/94<br>BY: SMC<br>DATE: 9-15-90 | ADDITIONS AND RENOVATIONS<br>RIDGELAND CITY LIBRARY<br>RIDGELAND, MISSISSIPPI | SHEET NO. M-1<br>OF 12 SHEETS |
|  | 12   |   |   |                               |

**AIR CONDITIONING UNIT SCHEDULE**

| NO.  | MANUFACTURER & MODEL | INPUT BTUH | COOL. CAP. BTUH | TOTAL CFM | O.A. CFM | E.S.P. | FAN MOTOR   | FLUE VTR | REFRIG. | ELECTRICAL | COOLING BTUH | ARRANGEMENT |                              |
|------|----------------------|------------|-----------------|-----------|----------|--------|-------------|----------|---------|------------|--------------|-------------|------------------------------|
| AC-1 | STELLAR 2000 (S)     | 120,000    | 58,000          | 2000      | 200      | 0.6    | 1/2 H.P.    |          | F-22    | 115V1PH    | 58,000       | UPFLOW      |                              |
| AC-2 | STELLAR 2000 (S)     | 120,000    | 58,000          | 2000      | 200      | 0.6    | 1/2 H.P.    |          | F-22    | 115V1PH    | 58,000       | UPFLOW      |                              |
| AC-3 | STELLAR 2000 (S)     | 120,000    | 58,000          | 2000      | 200      | 0.6    | 1/2 H.P.    |          | F-22    | 115V1PH    | 58,000       | UPFLOW      |                              |
| AC-4 | STELLAR 2000 (S)     | 109,000    | 47,500          | 1600      | 160      | 0.6    | 1/2 H.P.    |          | F-22    | 115V1PH    | 47,500       | UPFLOW      |                              |
| AC-5 | STELLAR 2000 (S)     | 120,000    | 58,000          | 2000      | 200      | 0.6    | 1/2 H.P.    |          | F-22    | 115V1PH    | 58,000       | UPFLOW      |                              |
| AC-6 | STELLAR 2000 (S)     | 210,000    | 2@ 58,000       | 2500      | 150      | 0.6    | 2@ 1/2 H.P. |          | F-22    | 115V1PH    | 2@ 58,000    | UPFLOW      | 2-3 TON COILS ON ONE FURNACE |

**AIR COOLED CONDENSING UNIT SCHEDULE**

| NO.  | MANUFACTURER & MODEL | COOL. CAP. BTUH ARI | COMP. MOTOR R.L.A. | CONDENSER FAN MTR. FLA | REFRIG. | LIQUID LN. SZ. O.D. | SUCTION LN. SZ. O.D. | ELECTRICAL   | REMARKS                                |
|------|----------------------|---------------------|--------------------|------------------------|---------|---------------------|----------------------|--------------|--|
| CU-1 | STELLAR 2000 HICB    | 58,000              | 17.1               | 2.9                    | F-22    | 1/2" O.D.           | 1 1/8" O.D.          | 208/230-3-60 |  |
| CU-2 | STELLAR 2000 HICB    | 58,000              | 17.1               | 2.9                    | F-22    | 1/2" O.D.           | 1 1/8" O.D.          | 208/230-3-60 |  |
| CU-3 | STELLAR 2000 HICB    | 58,000              | 17.1               | 2.9                    | F-22    | 1/2" O.D.           | 1 1/8" O.D.          | 208/230-3-60 |  |
| CU-4 | STELLAR 2000 HICB    | 47,500              | 15.1               | 2.9                    | F-22    | 1/2" O.D.           | 1 1/8" O.D.          | 208/230-3-60 |  |
| CU-5 | STELLAR 2000 HICB    | 58,000              | 17.1               | 2.9                    | F-22    | 1/2" O.D.           | 1 1/8" O.D.          | 208/230-3-60 |  |
| CU-6 | STELLAR 2000 HICB    | 39,000 EA.          | 2@ 12.0            | 2@ 1.3                 | F-22    | 2@ 1/2" O.D.        | 2@ 1 1/8" O.D.       | 208/230-3-60 | INTERLOCK CONTROLS FOR 2-STAGE COOLING |

**EXHAUST FAN SCHEDULE**

| NO.  | MANUFACTURER & MODEL | TYPE | CFM | RPM | S.P. | MOTOR | REMARKS |
|------|----------------------|------|-----|-----|------|-------|---------|
| OMIT |                      |      |     |     |      |       |         |

**PLUMBING FIXTURE SCHEDULE**

| SYMBOL | TYPE | MANUFACTURER & MODEL | SUPPLY TRIM | SUPPLY SIZE | WASTE SIZE | REMARKS |
|--------|------|----------------------|-------------|-------------|------------|---------|
| OMIT   |      |                      |             |             |            |         |

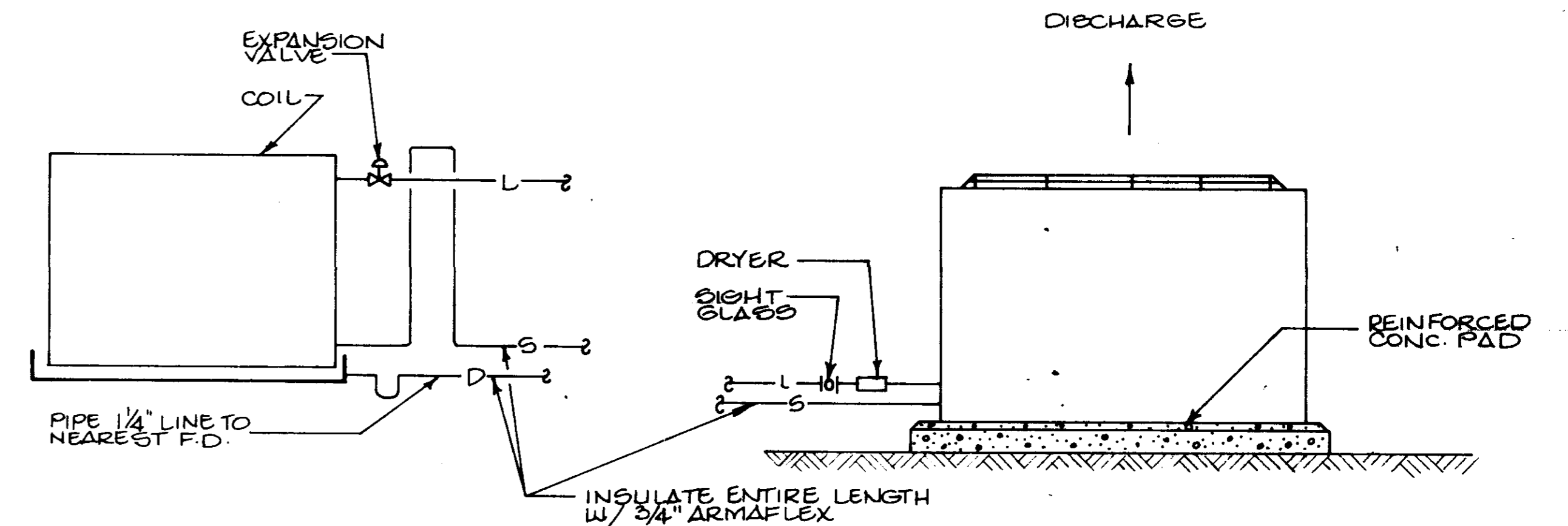
**MECHANICAL LEGEND**

|           |   |
|-----------|---|
| ---       | SANITARY SEWER                          |
| ----      | PLUMBING VENT                           |
| ---       | DOMESTIC COLD WATER                     |
| ---       | DOMESTIC HOT WATER                      |
| -G-       | GAS LINE                                |
| -L-       | REFRIGERANT LIQUID                      |
| -S-       | REFRIGERANT SUCTION                     |
| -D-       | CONDENSATE DRAIN                        |
| OR        | GATE VALVE                              |
| OR        | GAS COCK                                |
| +         | UNION                                   |
| ⊖         | THERMOSTAT                              |
| VTR       | VENT THRU ROOF                          |
| FCO       | FLUSH CLEANOUT                          |
| S.D. OR → | SPLITTER DAMPER                         |
| V.D.      | VOLUME DAMPER                           |
| ⊠         | OUTSIDE AIR INTAKE, 8x8 DUCT, 12x12 CAP |

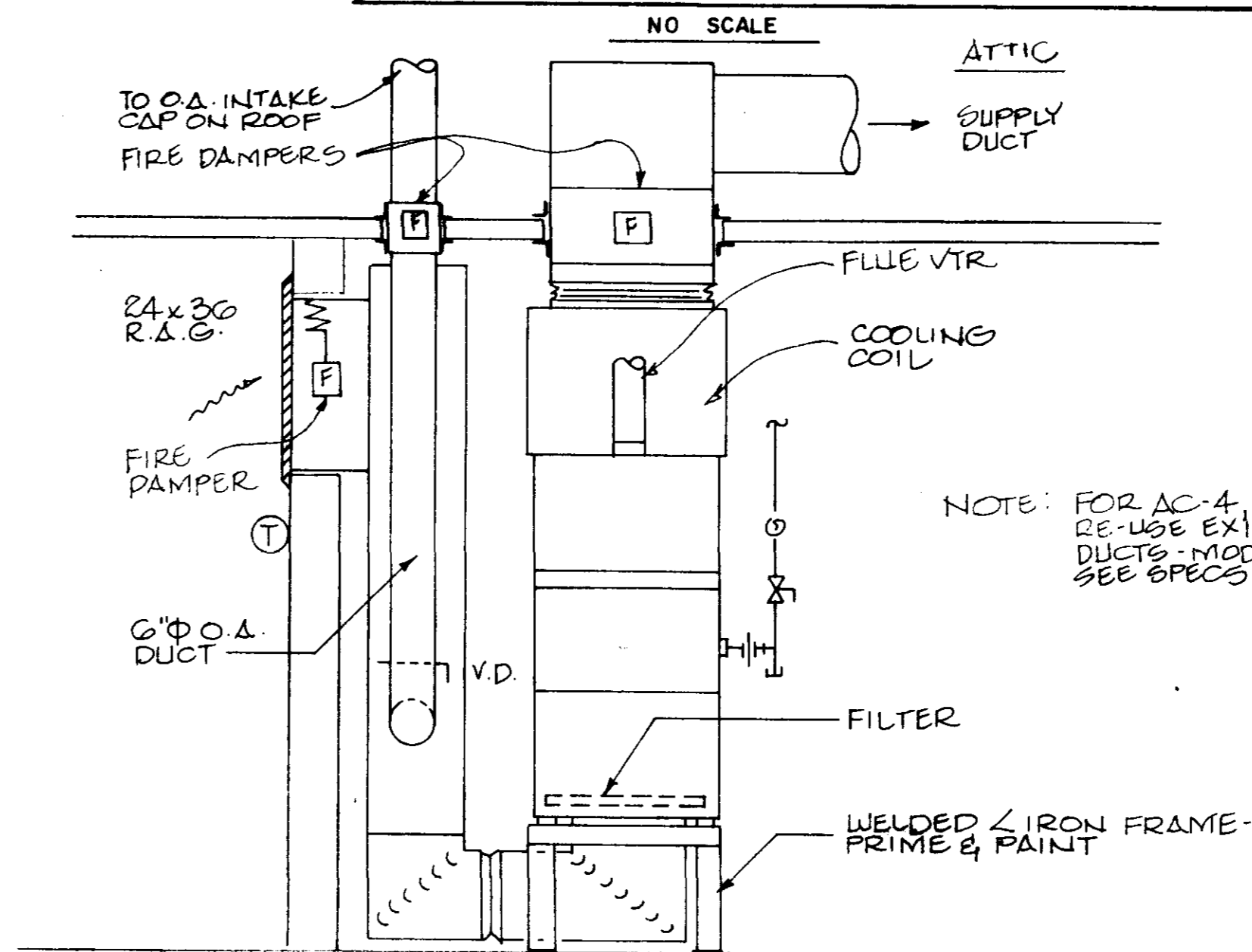
**KEY TO AIR DISTRIBUTION EQUIP.**

| DIFFUSERS | CFM RANGE | SIZE |
|-----------|-----------|------|
|           | - 130     | 6"   |
|           | 135 - 220 | 8"   |
|           | 225 - 340 | 10"  |
|           | 345 - 500 | 12"  |

CEILING RETURNS:  
4. 24x24"

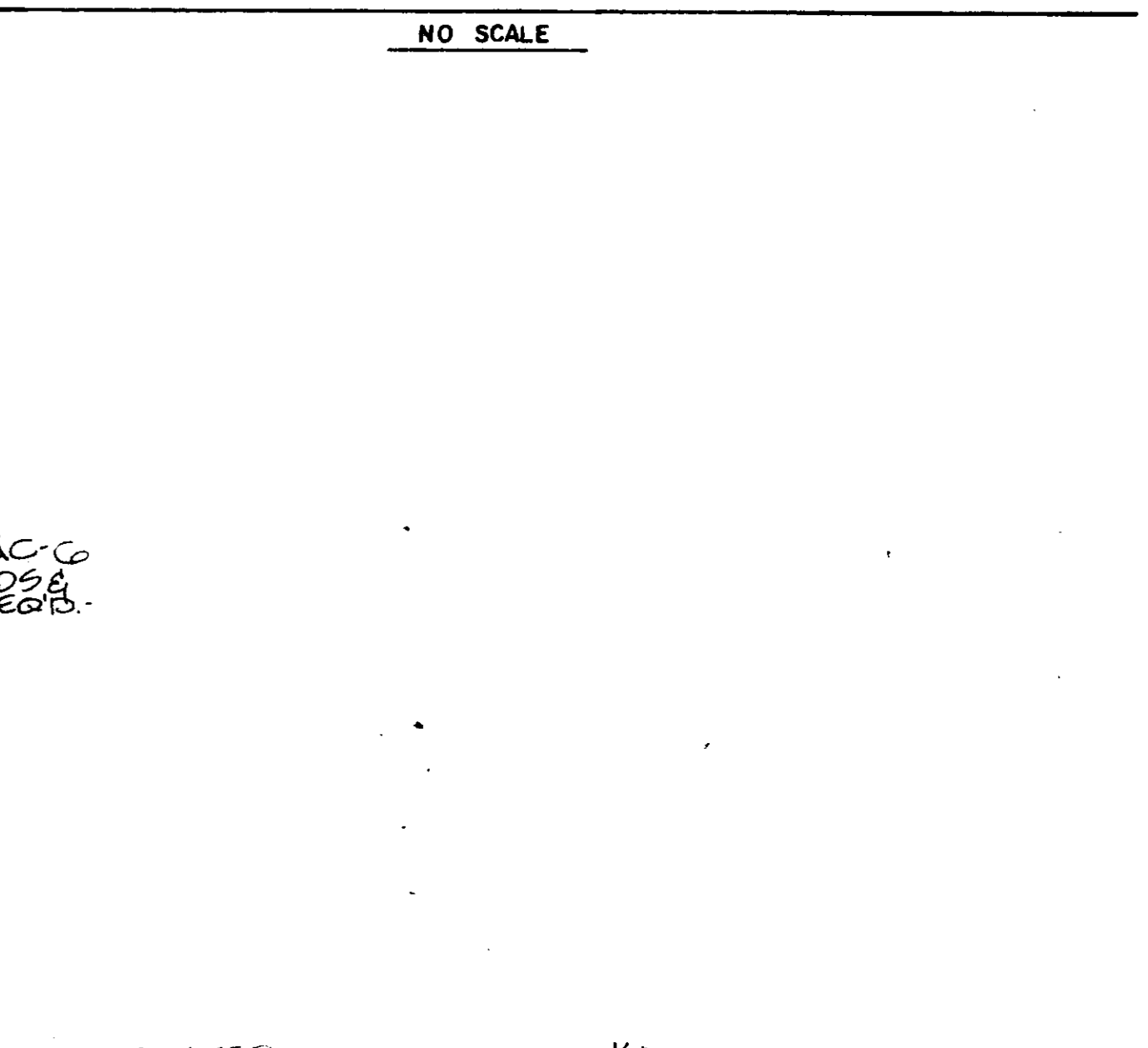


**AIR CONDITIONING UNIT COIL DETAIL**



**TYP. AIR CONDITIONING UNIT DETAILS**  
AC-1, AC-2 & AC-3

**AIR COOLED CONDENSING UNIT DETAIL**



**COMBUSTION AIR DUCT DETAIL**

BRANCH FIG. 2-3 & 2-4  
ADJUSTABLE SPLITTER DAMPER BRANCH FIG. 2-5  
BRANCH FIG. 2-10  
ADJUSTABLE EXTRACTOR

| RECTANGULAR DUCT SIZE (INCHES) | CIRCULAR EQUIVALENTS OF RECTANGULAR DUCTS |      |      |      |      |      |      |      |      |      |      |      |
|--------------------------------|---|------|------|------|------|------|------|------|------|------|------|------|
|                                | 6"  | 8"   | 10"  | 12"  | 14"  | 16"  | 18"  | 20"  | 24"  | 30"  | 36"  | 42"  |
| 6" x 6"                        | 6.0                                       | 6.0  | 6.0  | 6.0  | 6.0  | 6.0  | 6.0  | 6.0  | 6.0  | 6.0  | 6.0  | 6.0  |
| 6" x 8"                        | 6.0                                       | 6.3  | 6.6  | 6.9  | 7.2  | 7.5  | 7.8  | 8.1  | 8.4  | 8.7  | 9.0  | 9.3  |
| 6" x 10"                       | 6.0                                       | 6.4  | 6.8  | 7.2  | 7.6  | 8.0  | 8.4  | 8.8  | 9.2  | 9.6  | 10.0 | 10.4 |
| 6" x 12"                       | 6.0                                       | 6.6  | 7.2  | 7.8  | 8.4  | 9.0  | 9.6  | 10.2 | 10.8 | 11.4 | 12.0 | 12.6 |
| 6" x 14"                       | 6.0                                       | 6.8  | 7.6  | 8.4  | 9.2  | 10.0 | 10.8 | 11.6 | 12.4 | 13.2 | 14.0 | 14.8 |
| 6" x 16"                       | 6.0                                       | 7.0  | 8.0  | 9.0  | 10.0 | 11.0 | 12.0 | 13.0 | 14.0 | 15.0 | 16.0 | 17.0 |
| 6" x 18"                       | 6.0                                       | 7.2  | 8.4  | 9.6  | 10.8 | 12.0 | 13.2 | 14.4 | 15.6 | 16.8 | 18.0 | 19.2 |
| 6" x 20"                       | 6.0                                       | 7.5  | 9.0  | 10.5 | 12.0 | 13.5 | 15.0 | 16.5 | 18.0 | 19.5 | 21.0 | 22.5 |
| 6" x 24"                       | 6.0                                       | 8.0  | 10.0 | 12.0 | 14.0 | 16.0 | 18.0 | 20.0 | 22.0 | 24.0 | 26.0 | 28.0 |
| 6" x 30"                       | 6.0                                       | 9.0  | 12.0 | 15.0 | 18.0 | 21.0 | 24.0 | 27.0 | 30.0 | 33.0 | 36.0 | 39.0 |
| 6" x 36"                       | 6.0                                       | 10.0 | 14.0 | 18.0 | 22.0 | 26.0 | 30.0 | 34.0 | 38.0 | 42.0 | 46.0 | 50.0 |
| 6" x 42"                       | 6.0                                       | 11.0 | 16.0 | 21.0 | 26.0 | 31.0 | 36.0 | 41.0 | 46.0 | 51.0 | 56.0 | 61.0 |
| 8" x 8"                        | 8.0                                       | 8.0  | 8.0  | 8.0  | 8.0  | 8.0  | 8.0  | 8.0  | 8.0  | 8.0  | 8.0  | 8.0  |
| 8" x 10"                       | 8.0                                       | 8.4  | 8.8  | 9.2  | 9.6  | 10.0 | 10.4 | 10.8 | 11.2 | 11.6 | 12.0 | 12.4 |
| 8" x 12"                       | 8.0                                       | 8.6  | 9.2  | 9.8  | 10.4 | 11.0 | 11.6 | 12.2 | 12.8 | 13.4 | 14.0 | 14.6 |
| 8" x 14"                       | 8.0                                       | 8.8  | 9.6  | 10.4 | 11.2 | 12.0 | 12.8 | 13.6 | 14.4 | 15.2 | 16.0 | 16.8 |
| 8" x 16"                       | 8.0                                       | 9.0  | 10.0 | 11.0 | 12.0 | 13.0 | 14.0 | 15.0 | 16.0 | 17.0 | 18.0 | 19.0 |
| 8" x 18"                       | 8.0                                       | 9.2  | 10.4 | 11.6 | 12.8 | 14.0 | 15.2 | 16.4 | 17.6 | 18.8 | 20.0 | 21.2 |
| 8" x 20"                       | 8.0                                       | 9.5  | 11.0 | 12.5 | 14.0 | 15.5 | 17.0 | 18.5 | 20.0 | 21.5 | 23.0 | 24.5 |
| 8" x 24"                       | 8.0                                       | 10.0 | 12.0 | 14.0 | 16.0 | 18.0 | 20.0 | 22.0 | 24.0 | 26.0 | 28.0 | 30.0 |
| 8" x 30"                       | 8.0                                       | 11.0 | 14.0 | 17.0 | 20.0 | 23.0 | 26.0 | 29.0 | 32.0 | 35.0 | 38.0 | 41.0 |
| 8" x 36"                       | 8.0                                       | 12.0 | 16.0 | 20.0 | 24.0 | 28.0 | 32.0 | 36.0 | 40.0 | 44.0 | 48.0 | 52.0 |
| 8" x 42"                       | 8.0                                       | 13.0 | 18.0 | 23.0 | 28.0 | 33.0 | 38.0 | 43.0 | 48.0 | 53.0 | 58.0 | 63.0 |
| 10" x 10"                      | 10.0                                      | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 | 10.0 |
| 10" x 12"                      | 10.0                                      | 10.4 | 10.8 | 11.2 | 11.6 | 12.0 | 12.4 | 12.8 | 13.2 | 13.6 | 14.0 | 14.4 |
| 10" x 14"                      | 10.0                                      | 10.6 | 11.2 | 11.8 | 12.4 | 13.0 | 13.6 | 14.2 | 14.8 | 15.4 | 16.0 | 16.6 |
| 10" x 16"                      | 10.0                                      | 10.8 | 11.6 | 12.4 | 13.2 | 14.0 | 14.8 | 15.6 | 16.4 | 17.2 | 18.0 | 18.8 |
| 10" x 18"                      | 10.0                                      | 11.0 | 12.0 | 13.0 | 14.0 | 15.0 | 16.0 | 17.0 | 18.0 | 19.0 | 20.0 | 21.0 |
| 10" x 20"                      | 10.0                                      | 11.2 | 12.5 | 13.8 | 15.1 | 16.4 | 17.7 | 19.0 | 20.3 | 21.6 | 22.9 | 24.2 |
| 10" x 24"                      | 10.0                                      | 11.5 | 14.0 | 16.5 | 19.0 | 21.5 | 24.0 | 26.5 | 29.0 | 31.5 | 34.0 | 36.5 |
| 10" x 30"                      | 10.0                                      | 12.0 | 16.0 | 20.0 | 24.0 | 28.0 | 32.0 | 36.0 | 40.0 | 44.0 | 48.0 | 52.0 |
| 10" x 36"                      | 10.0                                      | 13.0 | 18.0 | 23.0 | 28.0 | 33.0 | 38.0 | 43.0 | 48.0 | 53.0 | 58.0 | 63.0 |
| 10" x 42"                      | 10.0                                      | 14.0 | 20.0 | 26.0 | 32.0 | 38.0 | 44.0 | 50.0 | 56.0 | 62.0 | 68.0 | 74.0 |
| 12" x 12"                      | 12.0                                      | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 | 12.0 |
| 12" x 14"                      | 12.0                                      | 12.4 | 12.8 | 13.2 | 13.6 | 14.0 | 14.4 | 14.8 | 15.2 | 15.6 | 16.0 | 16.4 |
| 12" x 16"                      | 12.0                                      | 12.6 | 13.2 | 13.8 | 14.4 | 15.0 | 15.6 | 16.2 | 16.8 | 17.4 | 18.0 | 18.6 |
| 12" x 18"                      | 12.0                                      | 12.8 | 13.6 | 14.4 | 15.2 | 16.0 | 16.8 | 17.6 | 18.4 | 19.2 | 20.0 | 20.8 |
| 12" x 20"                      | 12.0                                      | 13.0 | 14.0 | 15.0 | 16.0 | 17.0 | 18.0 | 19.0 | 20.0 | 21.0 | 22.0 | 23.0 |
| 12" x 24"                      | 12.0                                      | 13.5 | 15.0 | 16.5 | 18.0 | 19.5 | 21.0 | 22.5 | 24.0 | 25.5 | 27.0 | 28.5 |
| 12" x 30"                      | 12.0                                      | 14.0 | 18.0 | 22.0 | 26.0 | 30.0 | 34.0 | 38.0 | 42.0 | 46.0 | 50.0 | 54.0 |
| 12" x 36"                      | 12.0                                      | 15.0 | 20.0 | 25.0 | 30.0 | 35.0 | 40.0 | 45.0 | 50.0 | 55.0 | 60.0 | 65.0 |
| 12" x 42"                      | 12.0                                      | 16.0 | 22.0 | 28.0 | 34.0 | 40.0 | 46.0 | 52.0 | 58.0 | 64.0 | 70.0 | 76.0 |
| 14" x 14"                      | 14.0                                      | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 |
| 14" x 16"                      | 14.0                                      | 14.4 | 14.8 | 15.2 | 15.6 | 16.0 | 16.4 | 16.8 | 17.2 | 17.6 | 18.0 | 18.4 |
| 14" x 18"                      | 14.0                                      | 14.6 | 15.2 | 15.8 | 16.4 | 17.0 | 17.6 | 18.2 | 18.8 | 19.4 | 20.0 | 20.6 |
| 14" x 20"                      | 14.0                                      | 14.8 | 15.6 | 16.4 | 17.2 | 18.0 | 18.8 | 19.6 | 20.4 | 21.2 | 22.0 | 22.8 |
| 14" x 24"                      | 14.0                                      | 15.0 | 16.0 | 17.0 | 18.0 | 19.0 | 20.0 | 21.0 | 22.0 | 23.0 | 24.0 | 25.0 |
| 14" x 30"                      | 14.0                                      | 15.5 | 17.0 | 18.5 | 20.0 | 21.5 | 23.0 | 24.5 | 26.0 | 27.5 | 29.0 | 30.5 |
| 14" x 36"                      | 14.0                                      | 16.0 | 20.0 | 24.0 | 28.0 | 32.0 | 36.0 | 40.0 | 44.0 | 48.0 | 52.0 | 56.0 |
| 14" x 42"                      | 14.0                                      | 17.0 | 22.0 | 28.0 | 34.0 | 40.0 | 46.0 | 52.0 | 58.0 | 64.0 | 70.0 | 76.0 |
| 16" x 16"                      | 16.0                                      | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 | 16.0 |
| 16" x 18"                      | 16.0                                      | 16.4 | 16.8 | 17.2 | 17.6 | 18.0 | 18.4 | 18.8 | 19.2 | 19.6 | 20.0 | 20.4 |
| 16" x 20"                      | 16.0                                      | 16.6 | 17.2 | 17.8 | 18.4 | 19.0 | 19.6 | 20.2 | 20.8 | 21.4 | 22.0 | 22.6 |
| 16" x 24"                      | 16.0                                      | 16.8 | 17.6 | 18.4 | 19.2 | 20.0 | 20.8 | 21.6 | 22.4 | 23.2 | 24.0 | 24.8 |
| 16" x 30"                      | 16.0                                      | 17.0 | 18.0 | 19.0 | 20.0 | 21.0 | 22.0 | 23.0 | 24.0 | 25.0 | 26.0 | 27.0 |
| 16" x 36"                      | 16.0                                      | 17.5 | 19.0 | 20.5 | 22.0 | 23.5 | 25.0 | 26.5 | 28.0 | 29.5 | 31.0 | 32.5 |
| 16" x 42"                      | 16.0                                      | 18.0 | 22.0 | 26.0 | 30.0 | 34.0 | 38.0 | 42.0 | 46.0 | 50.0 | 54.0 | 58.0 |
| 18" x 18"                      | 18.0                                      | 18.0 | 18.0 | 18.0 | 18.0 | 18.0 | 18.0 | 18.0 | 18.0 | 18.0 | 18.0 | 18.0 |
| 18" x 20"                      | 18.0                                      | 18.4 | 18.8 | 19.2 | 19.6 | 20.0 | 20.4 | 20.8 | 21.2 | 21.6 | 22.0 | 22.4 |
| 18" x 24"                      | 18.0                                      | 18.6 | 19.2 | 19.8 | 20.4 | 21.0 | 21.6 | 22.2 | 22.8 | 23.4 | 24.0 | 24.6 |