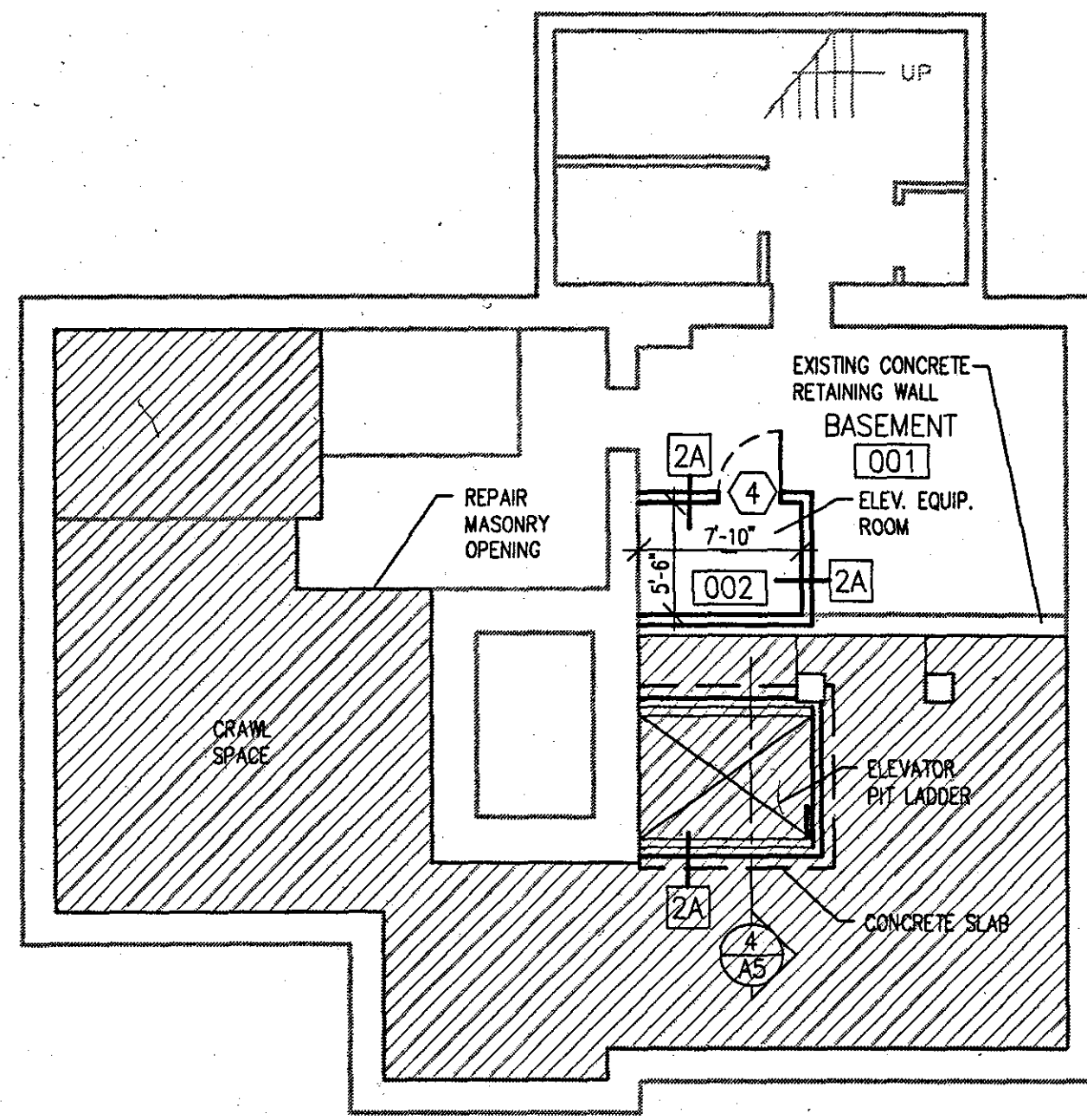


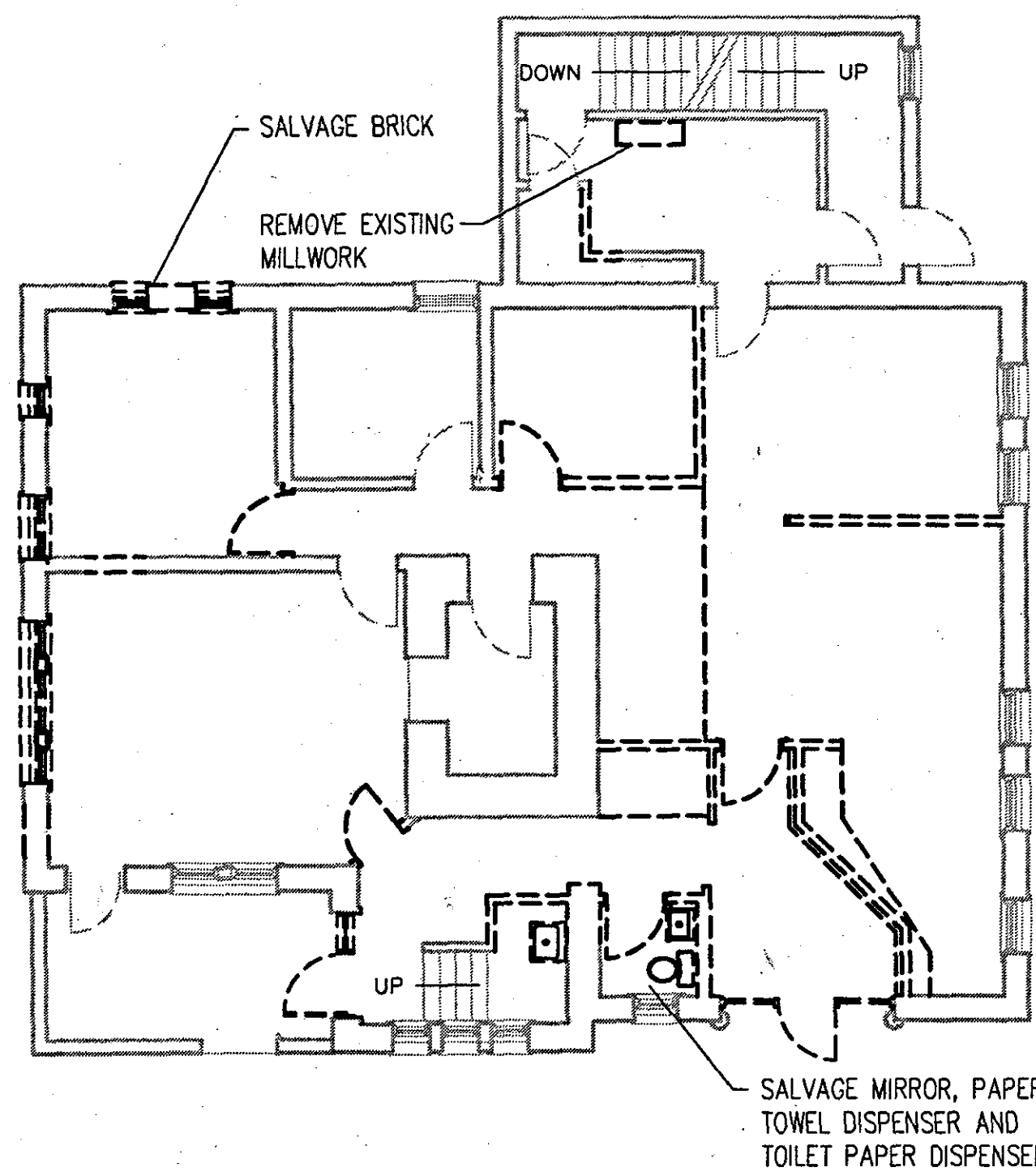
3 SECOND FLOOR DEMO PLAN

1/8" = 1'-0"



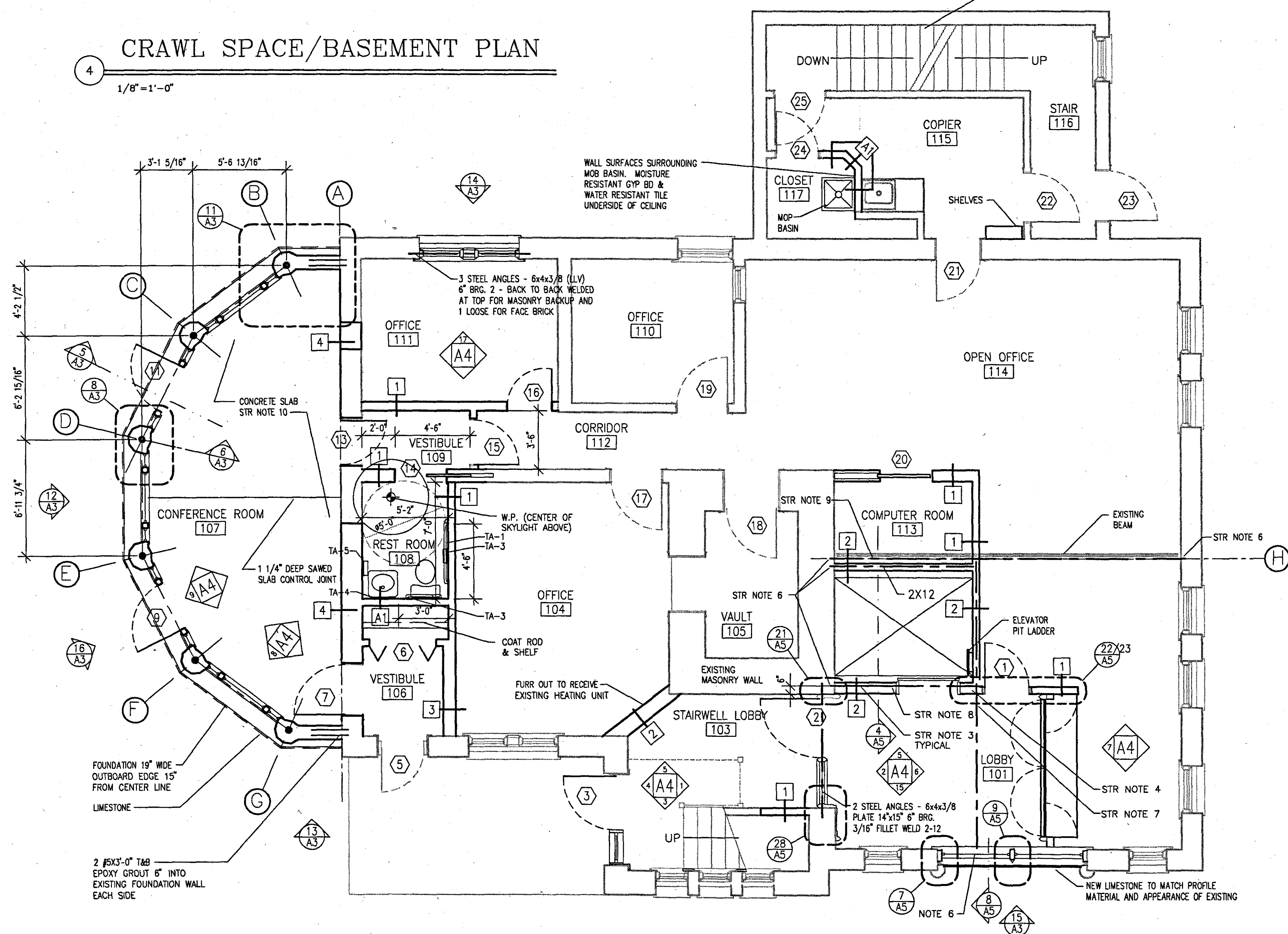
4 CRAWL SPACE/BASEMENT PLAN

1/8" = 1'-0"



2 FIRST FLOOR DEMO PLAN

1/8" = 1'-0"



1 FIRST FLOOR PLAN

1/4" = 1'-0"

STRUCTURAL NOTES

- 2x12 @ 12' DOUGLAS FIR - LARCH NO. 2 OR SOUTHERN PINE NO. 2. X-BRIDGING @ MID-SPAN BEAR INTERIOR END ON EXISTING MASONRY WALL.
- 3/4" T&G PLYWOOD SUBFLOOR, LONG DIMENSION PERPENDICULAR TO JOISTS.
- SIMPSON LUS210 HANGERS, AT EACH EXISTING JOIST TO NEW MEMBER.
- SIMPSON U210-2 HANGER.
- 1 3/4" x 11 7/8" LVL TYP.
- FIRE CUT END & BEAR IN POCKET 4" MIN. ON SOLID MASONRY.
- 2 11/16" x 11 1/4" PSL, ON TOP OF BEAM ON COLUMN LINE H, BEAR ON ALL 3 MEMBERS @ H.
- 2-2X12 SPIKED TOGETHER WITH 2 ROWS OF 16@ 12" OC DOUGLAS FIR-LARCH #2 OR SOUTHERN PINE #2.
- 1 3/4" x 11 7/8" LVL ON WEST SIDE OF EXISTING BEAMS, 3 TOTAL. 2 ROWS OF 1/2" THROUGH BOLTS @ 12" OC. SEE DETAIL 4 SHEET A5.
- 5" CONCRETE SLAB-ON-GRADE 6x6 - W1.4 x W1.4 WWF TOP EL. + 0'-0"

LEGEND - DEMOLITION

- EXISTING TO REMAIN
- EXISTING TO DEMOLISH

LEGEND - NEW CONSTRUCTION

- EXISTING TO REMAIN
- EXISTING TO DEMOLISH

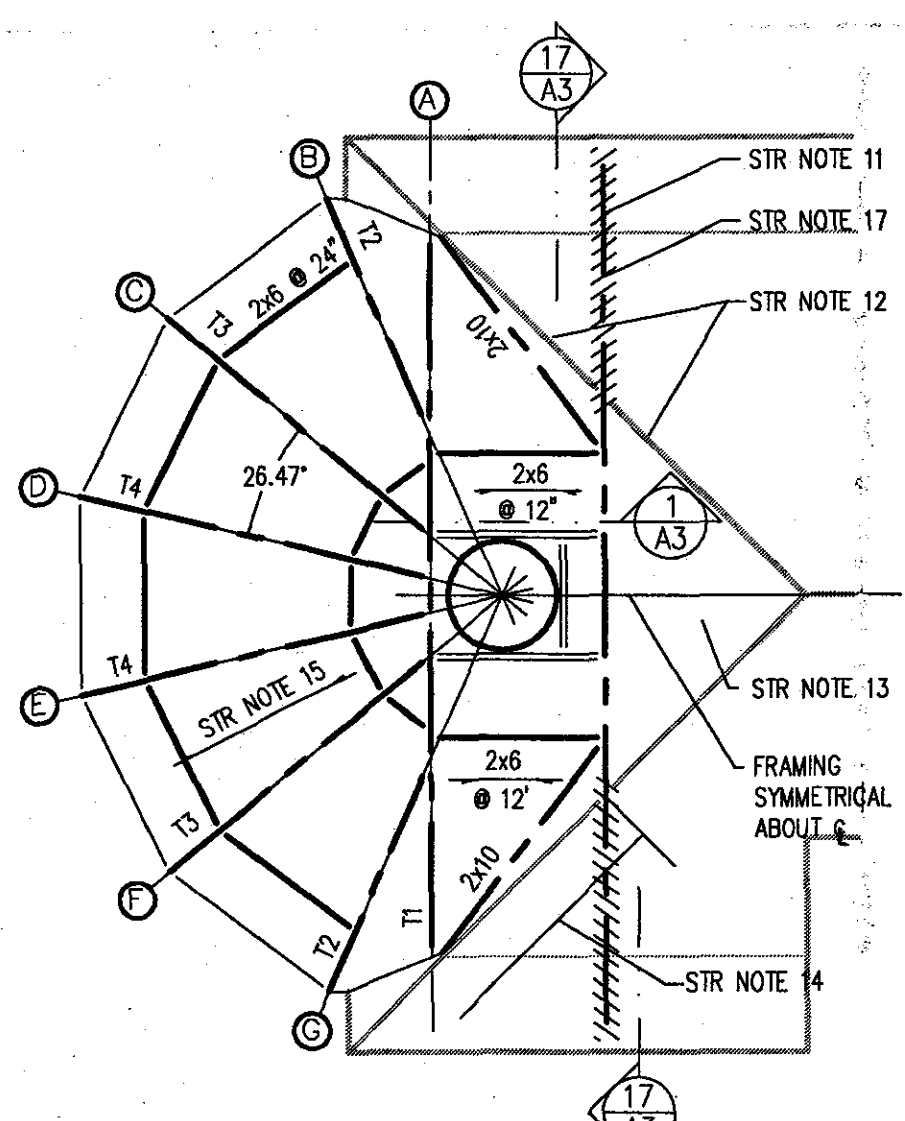
BOX 1  
2-1  
2-2

Lake Bluff Village Hall

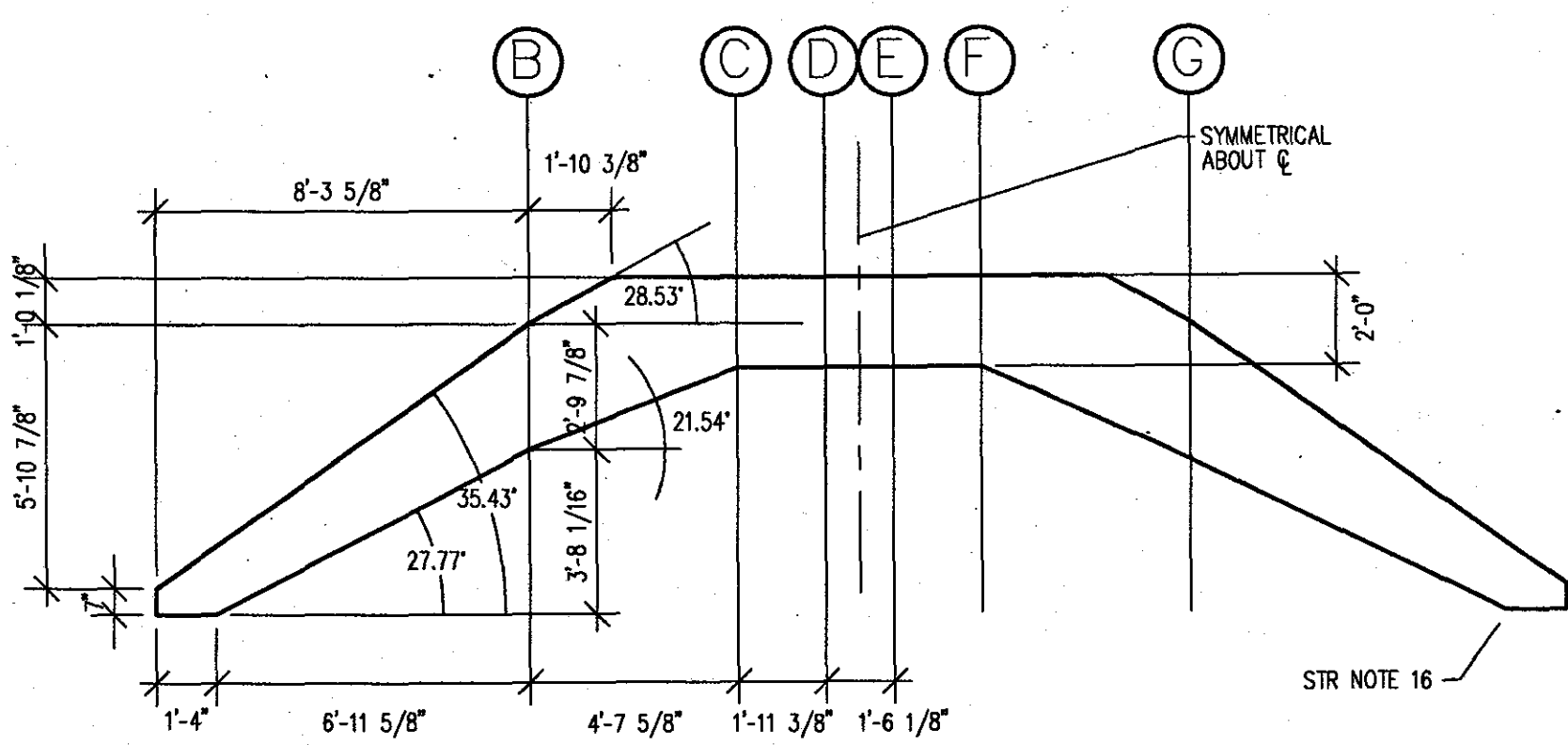
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 March 4, 1997 P.S. 612  
 Date

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 811 West Evergreen Avenue Chicago, Illinois 60622 Telephone 312.943.3120 Fax 312.943.3432

A1



4 ROOF STRUCTURAL PLAN  
1/8" = 1'-0"



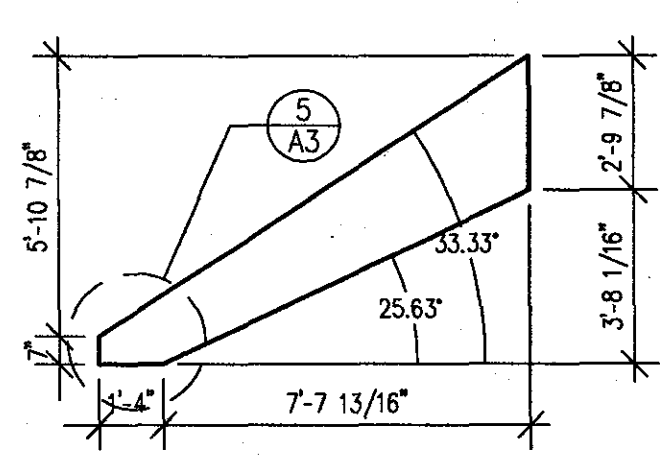
5 TRUSS T1 4 PLY  
1/4" = 1'-0"

TRUSS LOADING - TYPICAL

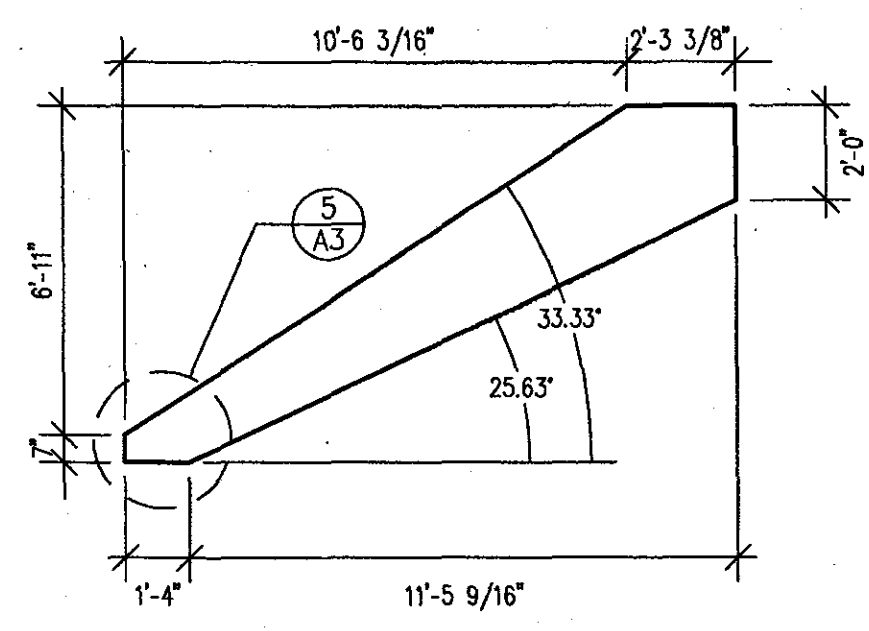
TOP CHORD DEAD LOAD : 15 PSF  
 BOTTOM CHORD DEAD LOAD : 7 PSF  
 TOP CHORD LIVE LOAD : 50 PSF AT "FLAT" ROOF AREAS  
 TOP CHORD LIVE LOAD : 16 PSF AT SLOPPED ROOF AREAS

NAILING SCHEDULE - T1 ONLY

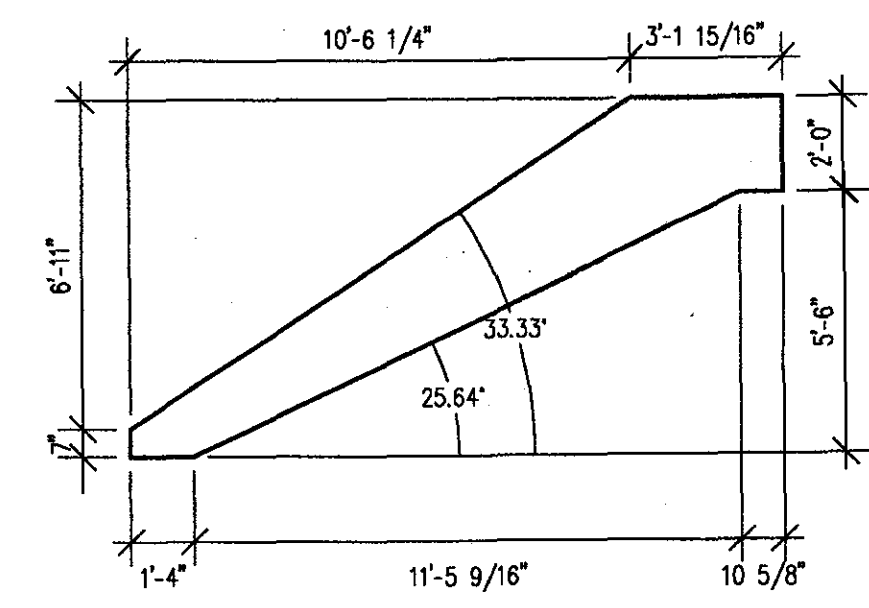
NAILING SCHEDULE : 10d BOX NAILS  
 TOP CHORD 1 ROW @ 4"  
 BOT. CHORD 1 ROW @ 12"  
 WEBS 1 ROW @ 4"  
 REPEAT NAILING AS EACH PLY IS APPLIED. STAGGER NAILS TO AVOID SPLITTING.  
 IN ADDITION USE 3/8" DIA THRU BOLTS @ 4'-0" O/C CHORDS ONLY.  
 MAXIMUM HORIZONTAL MOVEMENT @ SUPPORTS: LL = 0.75", TOTAL LOAD = 1.25"



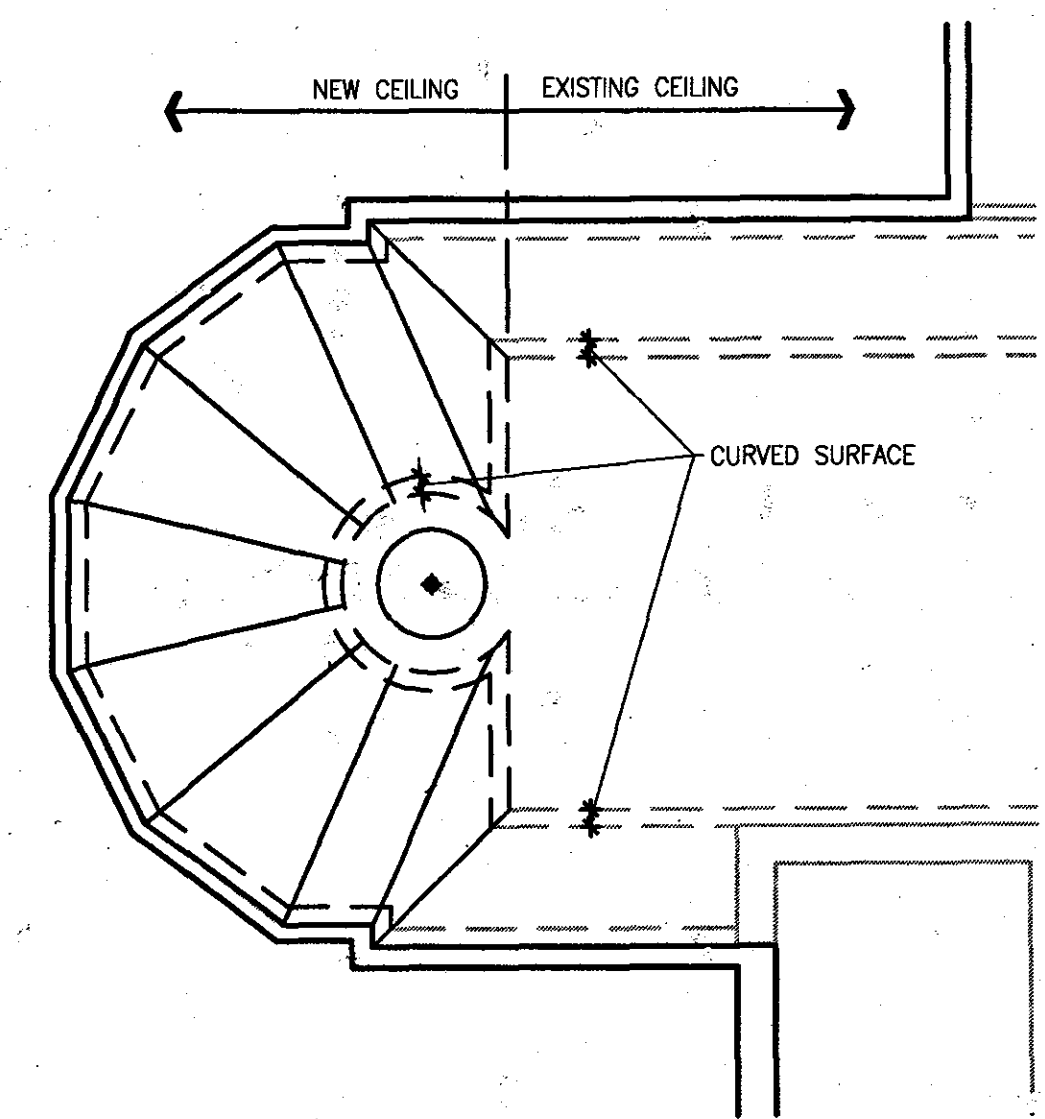
6 TRUSS T2  
1/4" = 1'-0"



7 TRUSS T3  
1/4" = 1'-0"



8 TRUSS T4  
1/4" = 1'-0"



3 PARTIAL REFLECTED CEILING PLAN  
1/8" = 1'-0"

STRUCTURAL NOTES CONT.

- NEW BUILT-UP BEAM IN ATTIC, SEE DETAIL 17 & 19 SHEET A3
- EXISTING HIP RAFTER TO REMAIN. ADD BLOCKING AS REQUIRED, TO SIDE OF RAFTER TO ALLOW NAILING OF NEW PLYWOOD DECK TO SLOPING RAFTER
- 1/2" PLYWOOD APPLIED TO INSIDE FACE OF EXISTING RAFTERS IN TRIANGULAR AREA. 6d @ 6" AT EDGES OF SHEETS, 12" ELSEWHERE. APPLY BEFORE REMOVING ROOF RAFTERS
- ADD VERTICAL 2x4'S BETWEEN EXISTING HIP RAFTER AND EACH EXISTING 2x6 COLLAR BEAM AT ATTIC FLOOR. SHEATH WITH 1/2" PLYWOOD, ONE SIDE
- 3/4" T & G PLYWOOD. 8d @ 6" AT EDGES, 12" ELSEWHERE. BLOCKING AT UNSUPPORTED EDGES. TYP. @ NEW ROOFS
- SIMPSON TC 26 CONNECTOR EACH SIDE. EACH END ON T1 ONLY. PLUMB & BRACE WALL UNTIL ROOF DEAD LOAD IN PLACE. THEN INSTALL NAILS @ INSIDE END OF SLOTTED HOLES IN TRUSS.
- REMOVE & REPLACE SECTION OF ROOF DECK BWT RAFTERS TO INSTALL SLOPED LEG. SEE DETAIL 19 SHEET A3

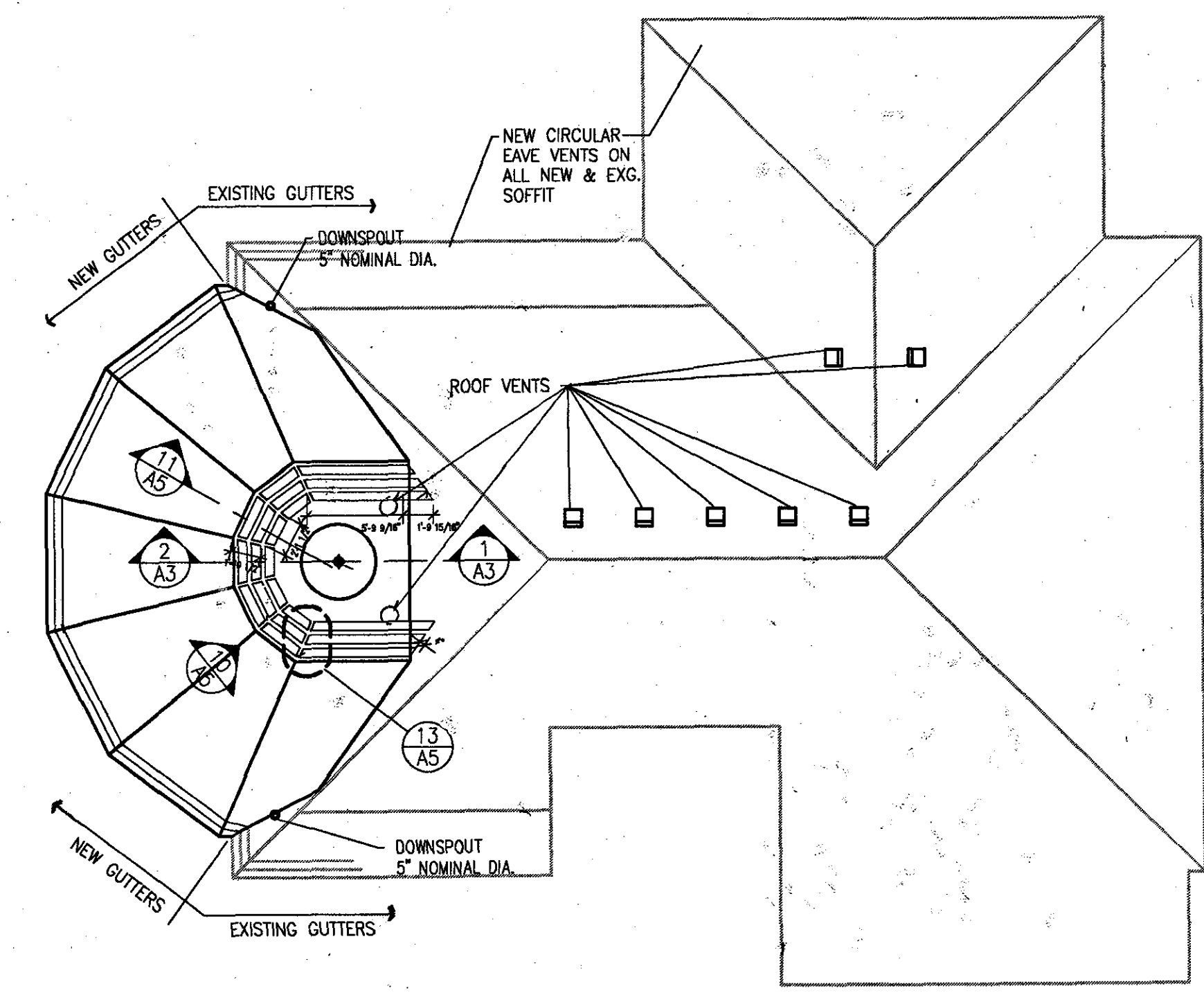
ROOF TRUSS NOTES

SHOP DRAWINGS AND CALCULATIONS BEARING A REGISTERED ENGINEER'S CERTIFICATION SHALL BE SUBMITTED TO THE ARCHITECT FOR REVIEW AND SHALL CONTAIN THE FOLLOWING INFORMATION FOR EACH TYPE AND SIZE TRUSS ASSEMBLY TO BE PROVIDED:

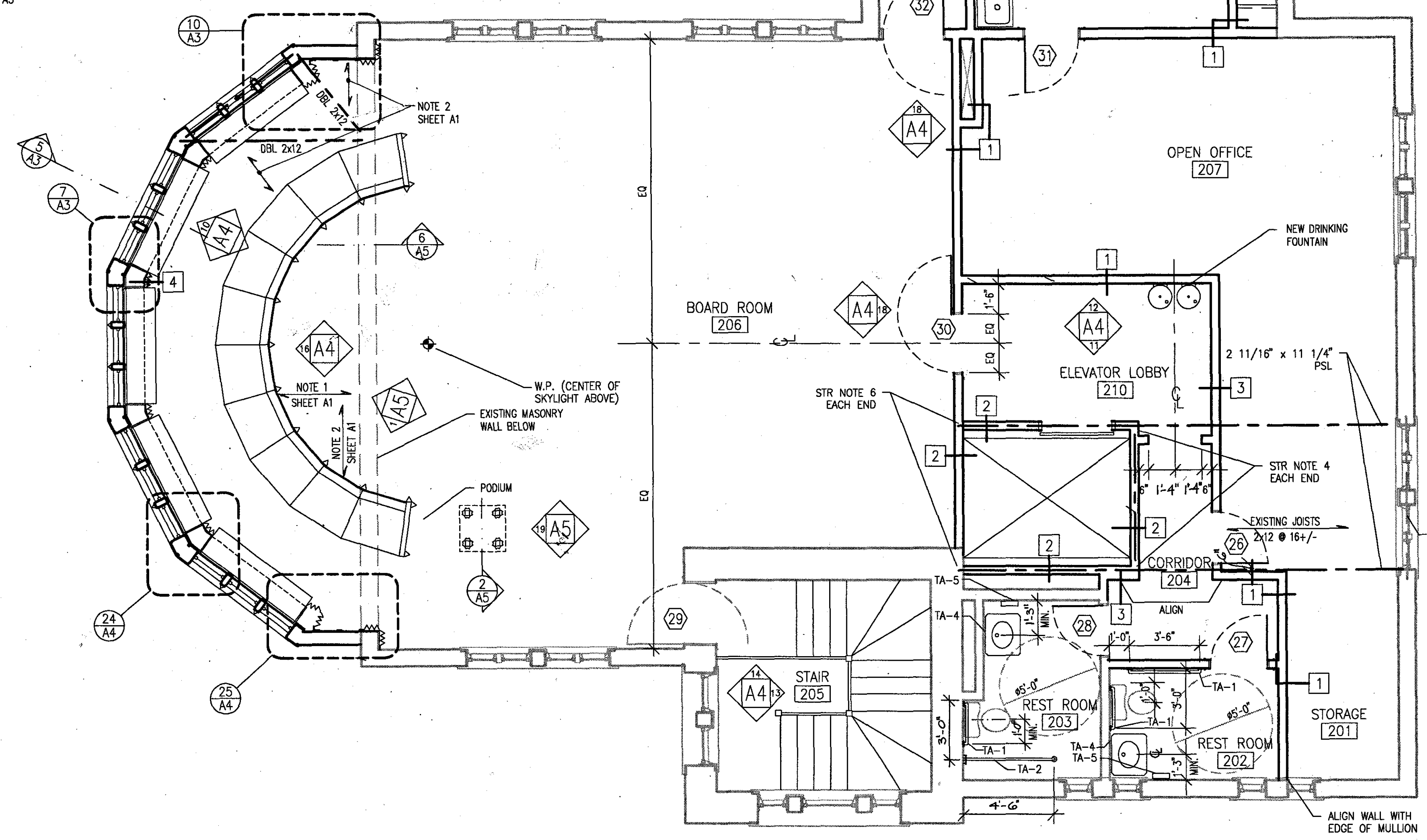
- DETAIL OF TRUSS SHOWN SIZE OF MEMBERS
- SPECIES AND WORKING STRESS OF LUMBER USED
- LOADING CONDITIONS USED IN DESIGN
- CALCULATED FORCES FOR EACH MEMBER
- CONNECTOR SIZES & LOCATIONS

THE INFORMATION PROVIDED SHALL ALSO TAKE INTO ACCOUNT AND SHOW ALL SPECIAL DESIGN, FRAMING, AND CONNECTION REQUIREMENTS FOR TRUSSES, OR COMBINATION OF TRUSSES, SUCH AS AT CONCENTRATED LOADS, UNBALANCED OR UNSYMMETRICAL LOAD CONDITIONS, AND OTHER NON-TYPICAL FRAMING DETAILS. AN ERECTION PLAN OF THE TRUSS FRAMING SHALL BE PROVIDED INDICATING ALL TRUSS LOCATIONS AND FRAMING CONDITIONS.

TRUSS SUPPLIER SHALL DESIGN AND FURNISH CONNECTION DEVICES REQUIRED TO SUPPORT ONE TRUSS ON ANOTHER TRUSS. INCLUDED BUT NOT LIMITED TO JACK TRUSS INTO HIP JACK TRUSS INTO DOUBLE TRUSSES.



2 ROOF PLAN  
1/8" = 1'-0"



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

Box 1  
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A2

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