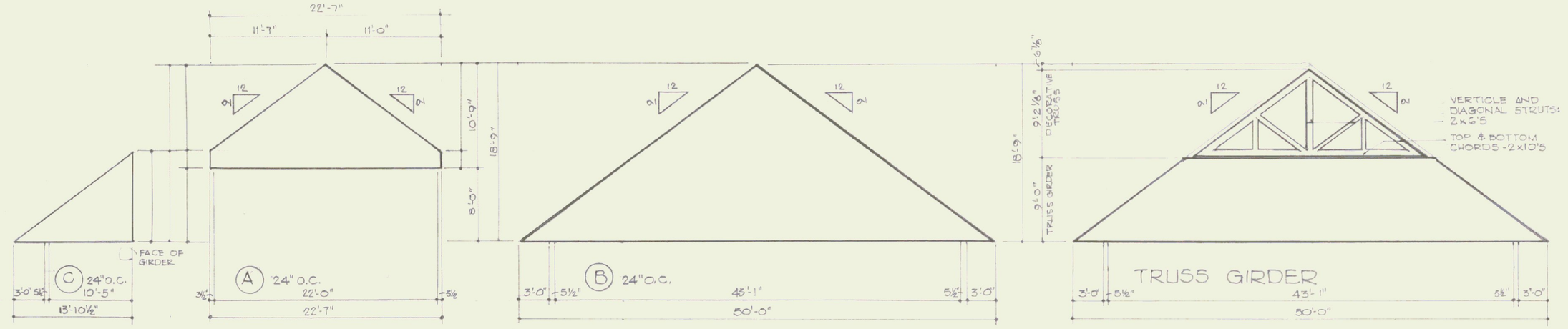
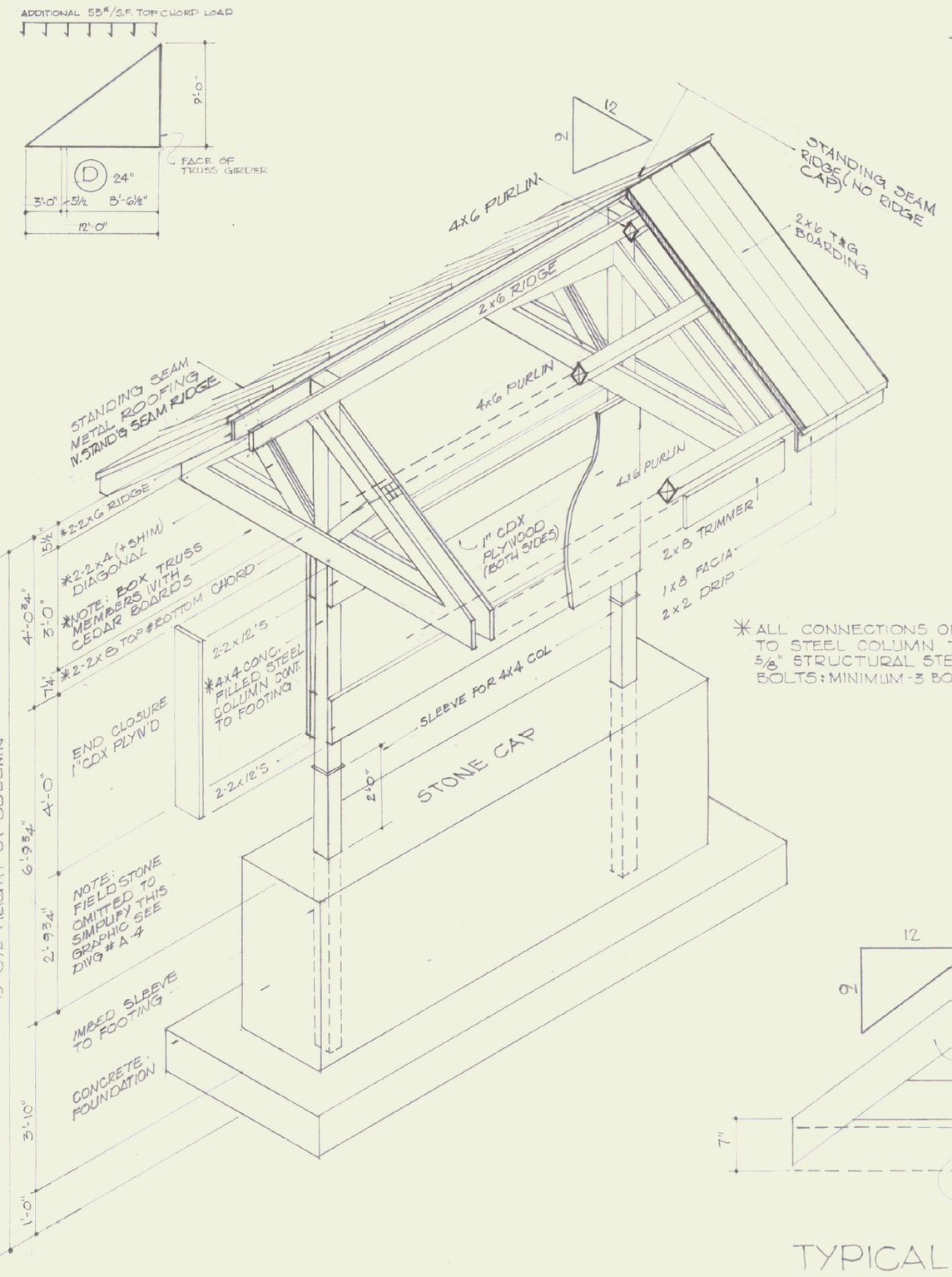


TRUSS GIRDER

INFORMATION CENTER: TRUSS TYPES

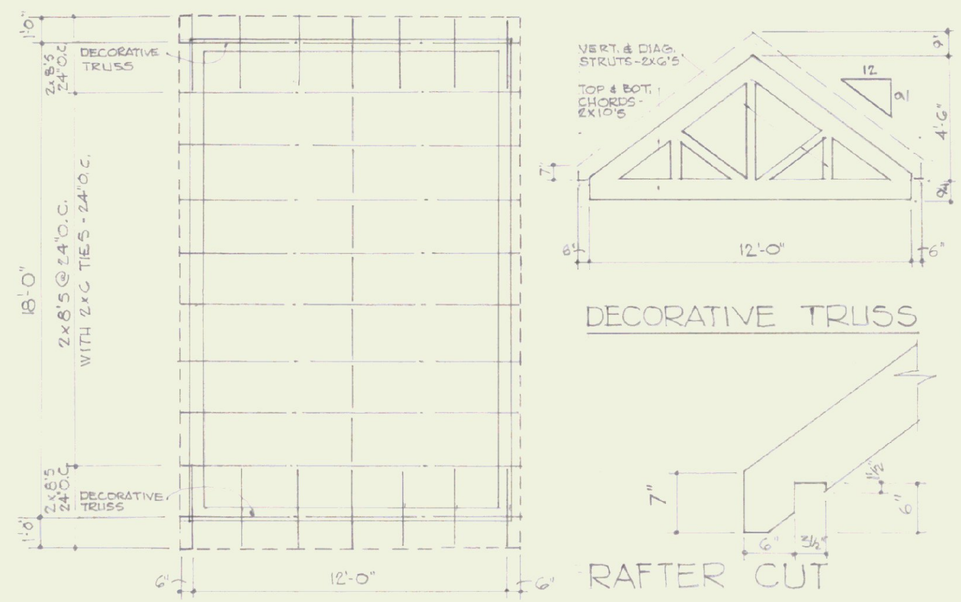
SCALE: 1/8" = 1'-0"



*ALL CONNECTIONS OF TIMBERS TO STEEL COLUMN TO BE 5/8" STRUCTURAL STEEL GALVANIZED BOLTS: MINIMUM - 3 BOLTS/CONNECTION

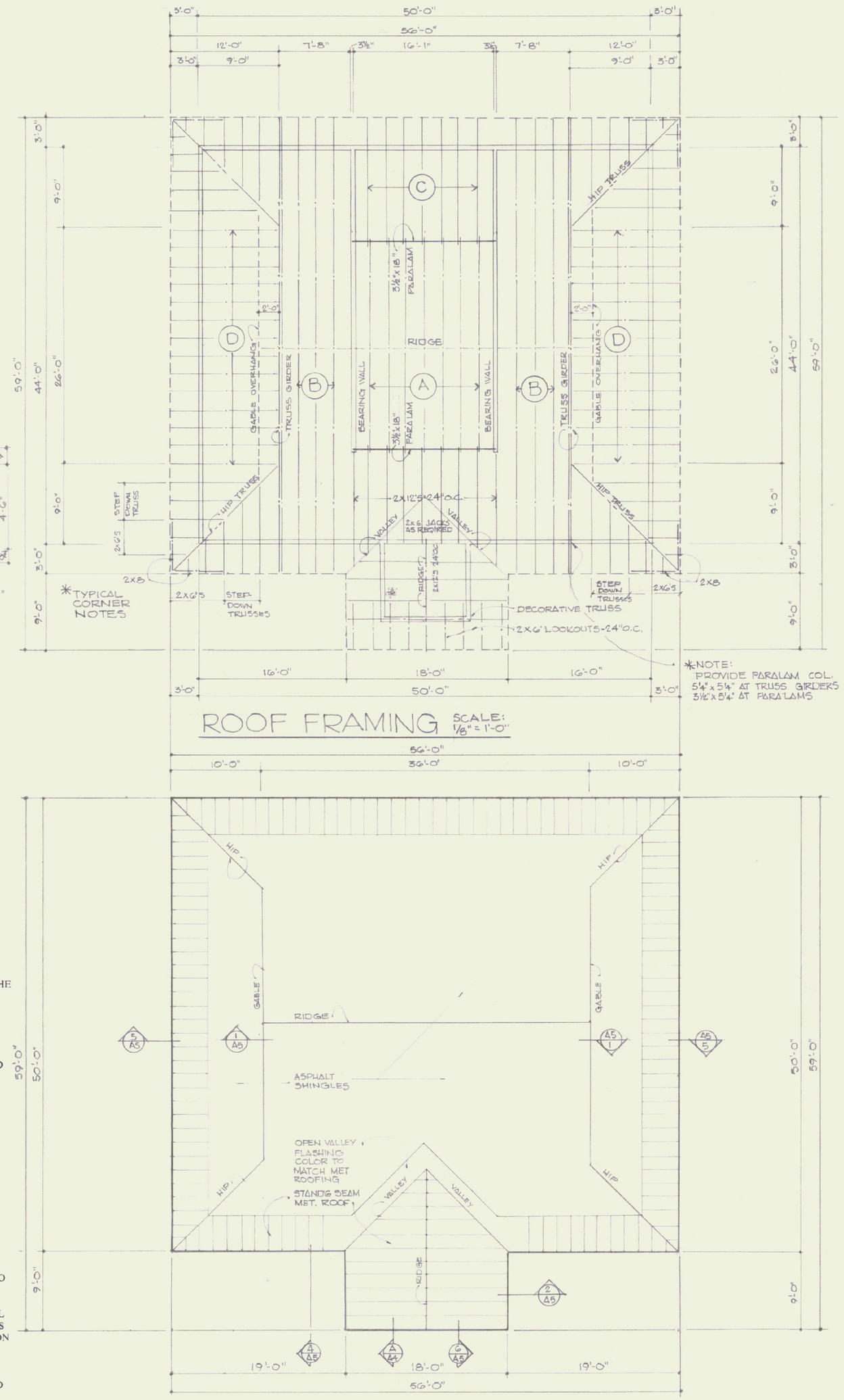
KIOSK - ISOMETRIC

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



UTILITY BUILDING FRAMING

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

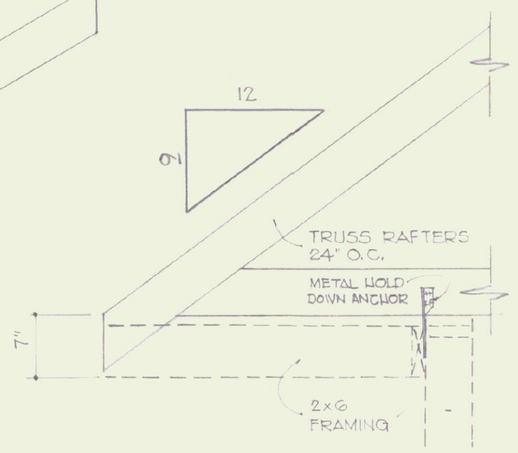


ROOF FRAMING

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

INFORMATION CENTER: ROOF PLAN

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



TYPICAL TRUSS RAFTER TAILS

SCALE: 1" = 1'-0"

TRUSS NOTES

1. ALL WOOD TRUSSES SHALL COMPLY WITH THE FOLLOWING CODES:

   A. 1989 VERMONT FIRE PREVENTION AND BUILDING CODE.
   B. "DESIGN SPECIFICATIONS FOR LIGHT-METAL PLATE CONNECTED WOOD TRUSSES" BY THE TRUSS PLATE INSTITUTE.
   C. "NATIONAL DESIGN SPECIFICATION FOR STRESS-GRADE LUMBER AND ITS FASTENINGS" BY THE NATIONAL FOREST PRODUCTS ASSOCIATION.
   D. "TIMBER CONSTRUCTION MANUAL" BY THE AMERICAN INSTITUTE OF TIMBER CONSTRUCTION.

2. DIMENSION LUMBER SHALL BE STRAIGHT, KILN OR SURFACE DRIED AND SHALL BE NEW AND IN SOUND CONDITION. MAXIMUM ALLOWABLE MOISTURE CONTENT IS 19%. ALL LUMBER SHALL HAVE THE MARK OF THE MILL WHICH PRODUCED IT, ITS GRADE, AND THE MARK OF THE ASSOCIATION WHOSE RULES APPLY TO ITS PRODUCTION.

3. TRUSSES SHALL BE DESIGNED FOR LOADS AS REQUIRED IN THE 1989 VERMONT FIRE PREVENTION AND BUILDING CODE.

   THE FOLLOWING ARE THE MINIMUM REQUIRED DESIGN LOADS:

SNOW LOAD	40 PSF*
TOP CORD DEAD LOAD	10 PSF
BOTTOM CORD LIVE LOAD	5 PSF
BOTTOM CORD DEAD LOAD	10 PSF
TOTAL	65 PSF*

   * ADDITIONAL MINIMUM DRIFTING SNOW LOADS ARE SHOWN ON THE DRAWINGS.

4. THE TRUSS FABRICATOR IS RESPONSIBLE FOR THE DESIGN OF THE TRUSSES. FABRICATOR TO PROVIDE SHOP DRAWINGS TO INCLUDE THE CONFIGURATION, MEMBER SIZES, LOADING CONDITIONS, MEMBER FORCES, AND THE SPECIES, GRADE, AND STRESSES OF EACH MEMBER. ALSO INCLUDED SHALL BE A DIMENSIONED ERECTION DRAWING SHOWING TRUSSES AND ALL BRACING. WOOD TRUSS BRACING SHALL MEET REQUIREMENTS OF "BRACING WOOD TRUSSES BWT-76" BY THE TRUSS PLATE INSTITUTE. TRUSS FABRICATOR IS RESPONSIBLE FOR SELECTION OF GUSSET PLATES TO BE USED AT ALL JOINTS.

5. ALL PREFABRICATED WOOD TRUSSES TO BE FABRICATED IN AN ENCLOSED AREA WITH CONTROLLED CONDITIONS BY AN EXPERIENCED FABRICATOR. ALL DIMENSIONS TO BE FIELD VERIFIED BY THE FABRICATOR PRIOR TO CONSTRUCTION. NO FABRICATION IS TO BE DONE UNTIL ALL THE SHOP DRAWINGS HAVE BEEN APPROVED. ALL SHOP DRAWINGS TO BEAR THE STAMP OF A QUALIFIED PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF VERMONT.

ARCHITECT: THOMAS B. LEYTHAM
50 STATE STREET MONTPELIER, VERMONT 05602 — 802 229 0430

MECHANICAL/ ELECTRICAL: AVENGCO
83 S. MAIN STREET WATERBURY, VERMONT 05676 — 802 244 8802

LANDSCAPE: THE CAVENDISH PARTNERSHIP
BOX 466 CAVENDISH, VERMONT 05142 — 802 226 7220

STRUCTURAL: CHENETTE ENGINEERING
50 STATE STREET MONTPELIER, VERMONT 05602 — 802 229 1442

GRAPHIC SYSTEMS: HUSTON & CO.
BOX 1034 BURLINGTON, VERMONT 05401 — 802 864 5928

ROOF PLAN & FRAMING

STATE OF VERMONT
DEPARTMENT OF STATE BUILDINGS
AGENCY OF ADMINISTRATION
MONTPELIER. VERMONT

BRADFORD I-91 NORTHBOUND REST AREA REHABILITATION

drawing number: A3

date: 9/24/93

SHEET 7 OF 24