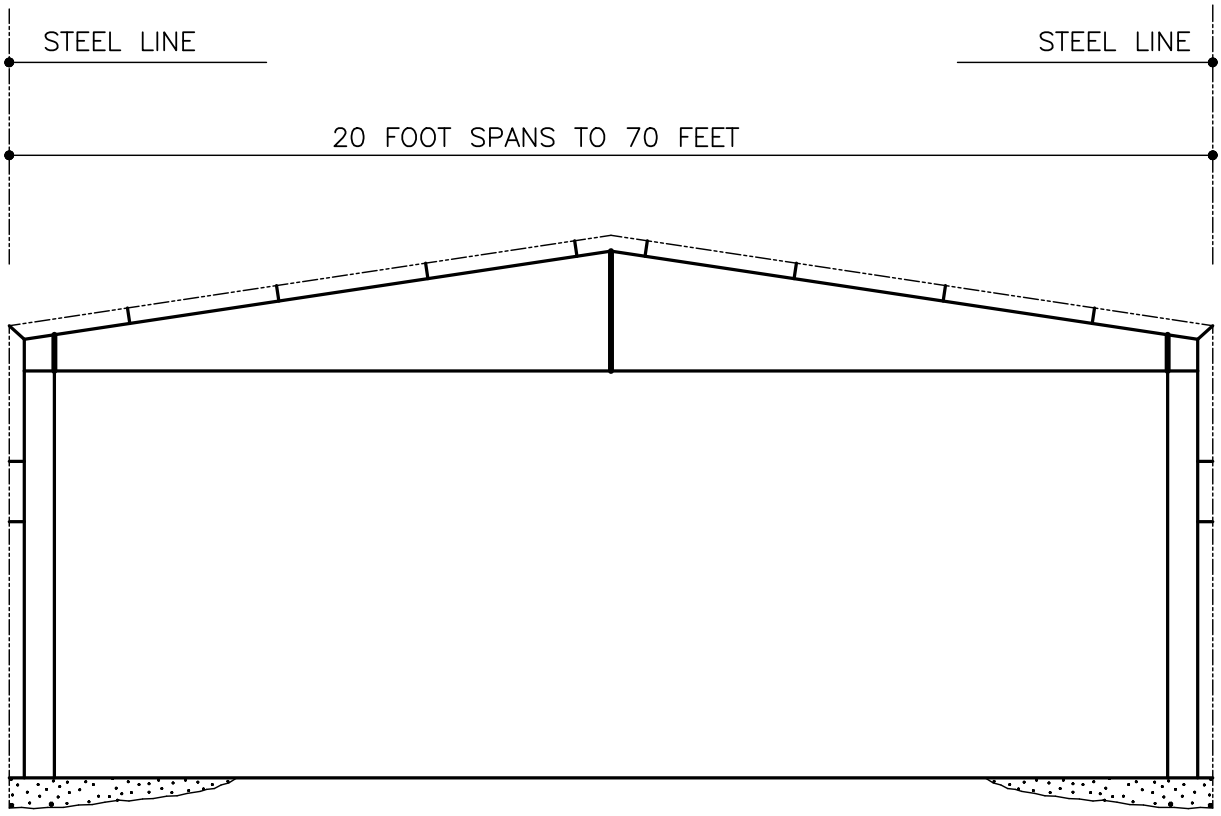
GENERAL FRAME INFORMATION

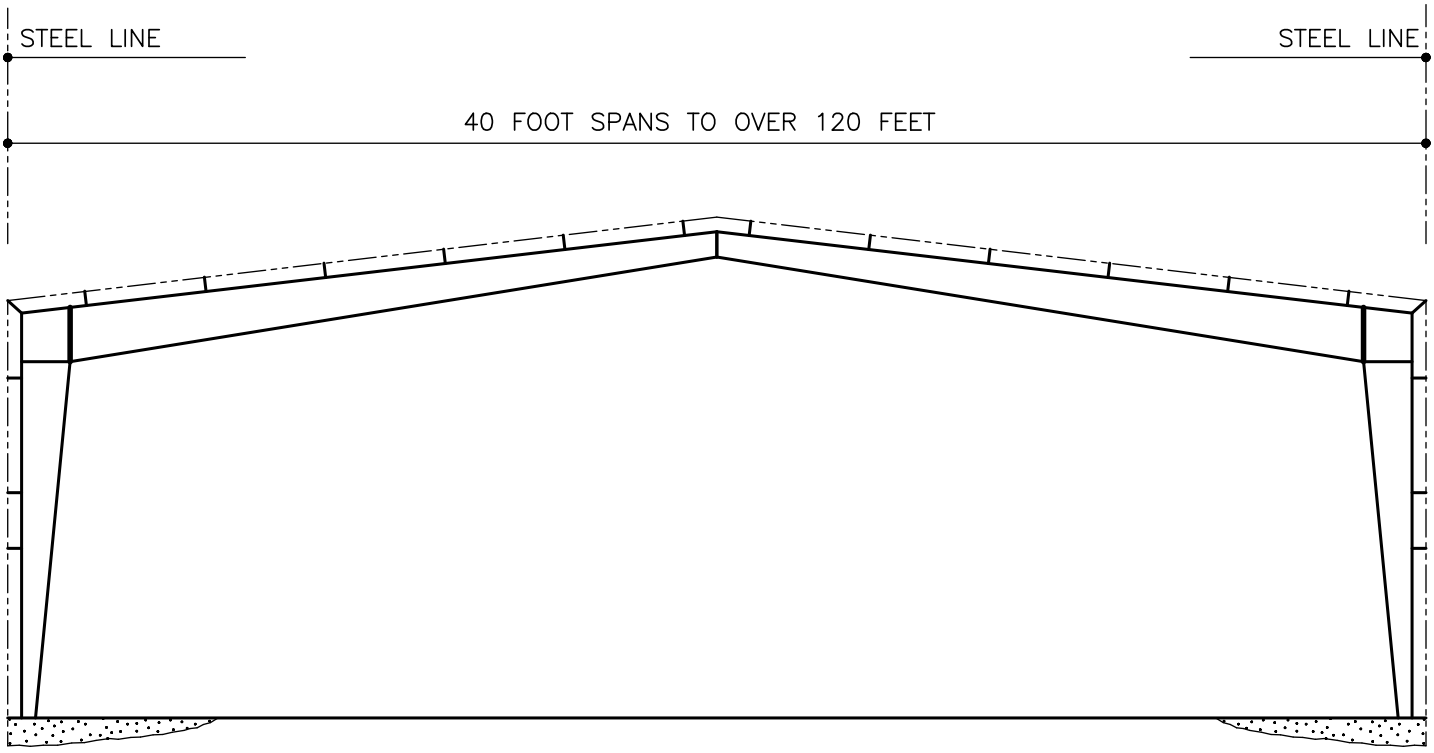
TAPERED BEAM, CLEAR SPAN, GABLE



FRAMING FEATURES

1. Tapered Beam frames are an excellent solution for small buildings under 70 feet in width.
2. Straight columns provide maximum floor space and allow interior finishes to be easily installed.
3. Frames, with flat bottom rafter and straight columns, permit the easy installation of monorail and under-hung crane ways.
4. Single slope framing system often used in strip shopping center applications.

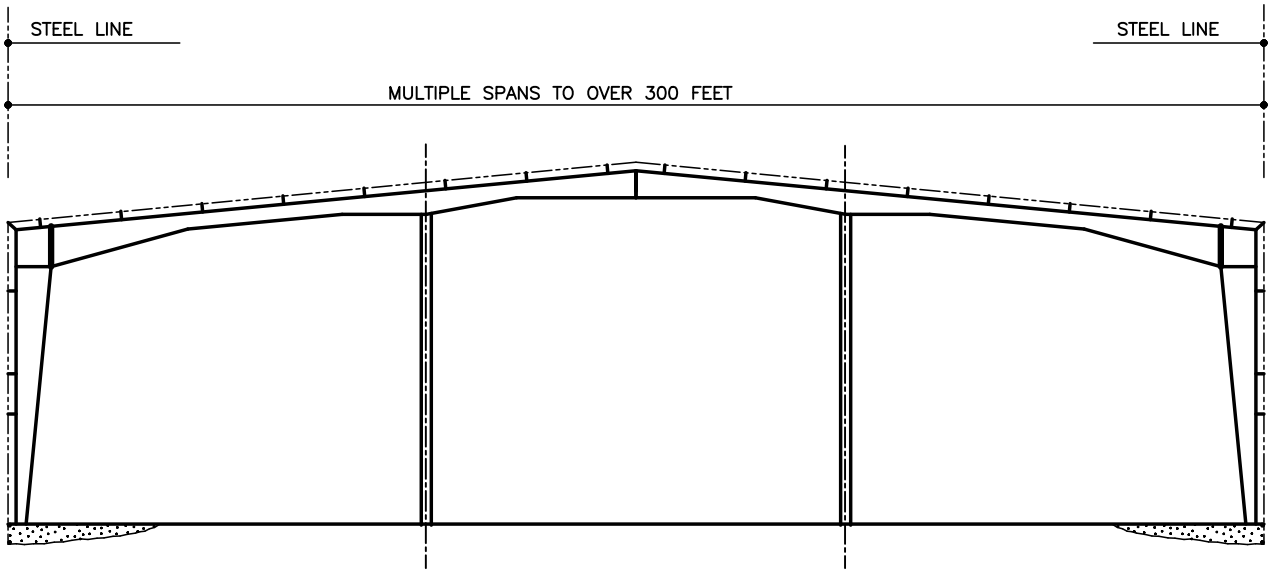
RIGID FRAME, CLEAR SPAN, GABLE



FRAMING FEATURES

1. Provide for the widest possible spans without interior columns.
2. Economical due to the efficient use of tapered members and high strength steel.
3. Maximize the clearance available in the center of a building.
4. “Bypass” is the standard girt condition at sidewalls.

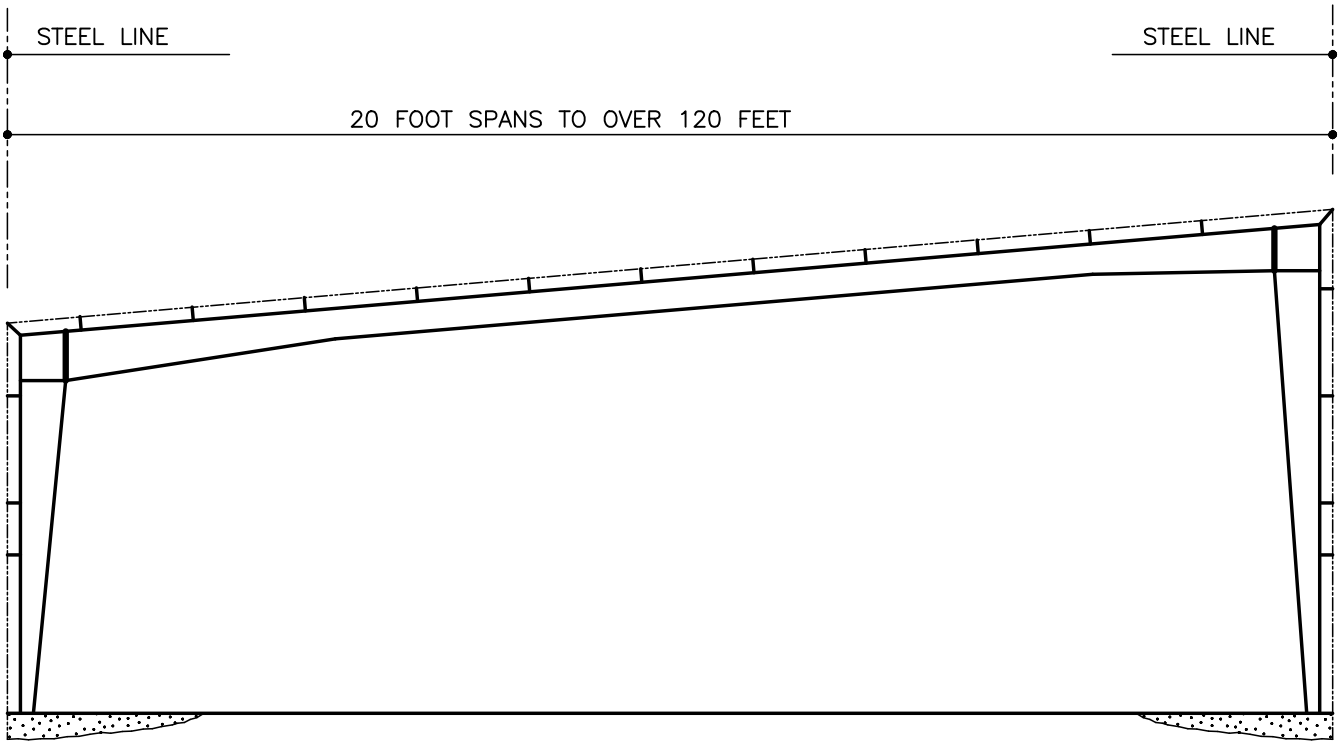
RIGID FRAME, MODULAR, GABLE



FRAMING FEATURES

1. Rigid frames with interior columns are ideal for wide buildings when some interior columns are acceptable.
2. Frames may be used with Z-purlins for maximum economy on bay spacing of up to 40 feet or with bar joist roof purlins to achieve large, column-free areas of over 3000 square feet (60’ span with 50’ bays).
3. Standard interior columns are pipes, which provide maximum strength while using minimum floor space. Interior column bases may be recessed below the finished floor for a clean appearance.

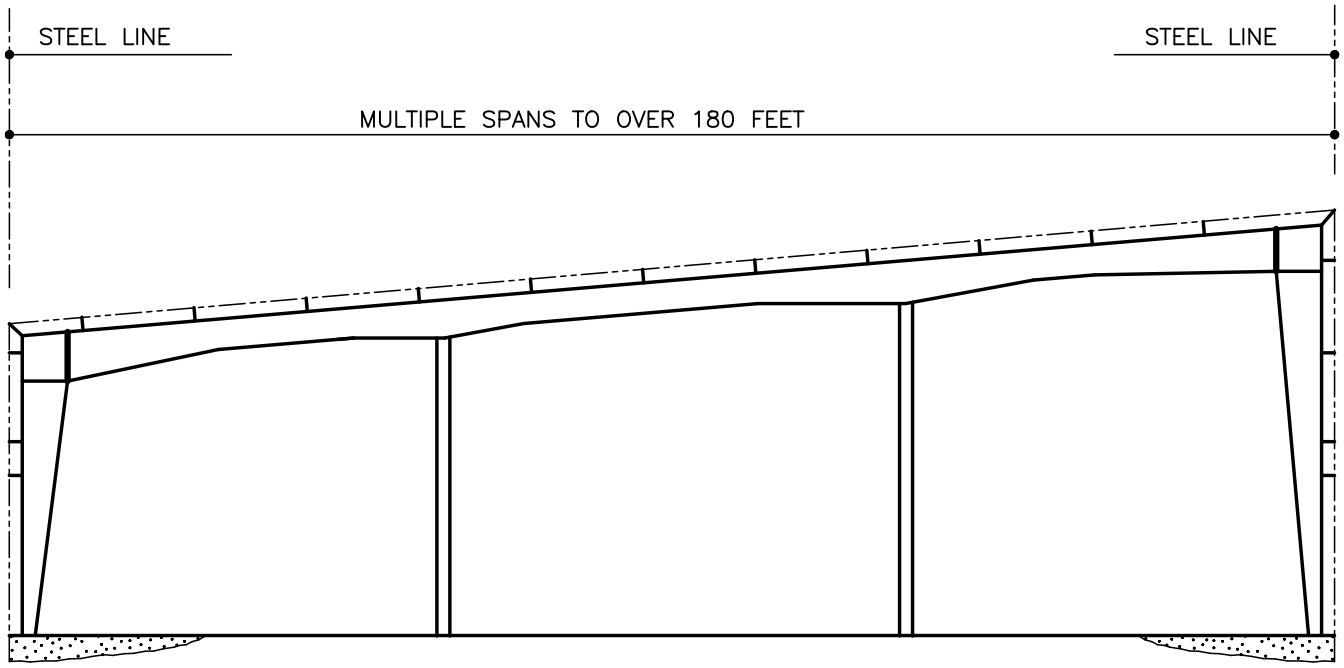
RIGID FRAME, CLEAR SPAN, SINGLE SLOPE



FRAMING FEATURES

1. Single Slope buildings are ideal for structures that have drainage restrictions such as a strip shopping center, or architectural requirements prohibiting a gable appearance (requires the use of endwall parapets). Also good for future sidewall expansion.
2. Single Slope frames are economical due to the efficient use of tapered members and high strength steel.
3. Single Slope frames can maximize the clearance available in a building.

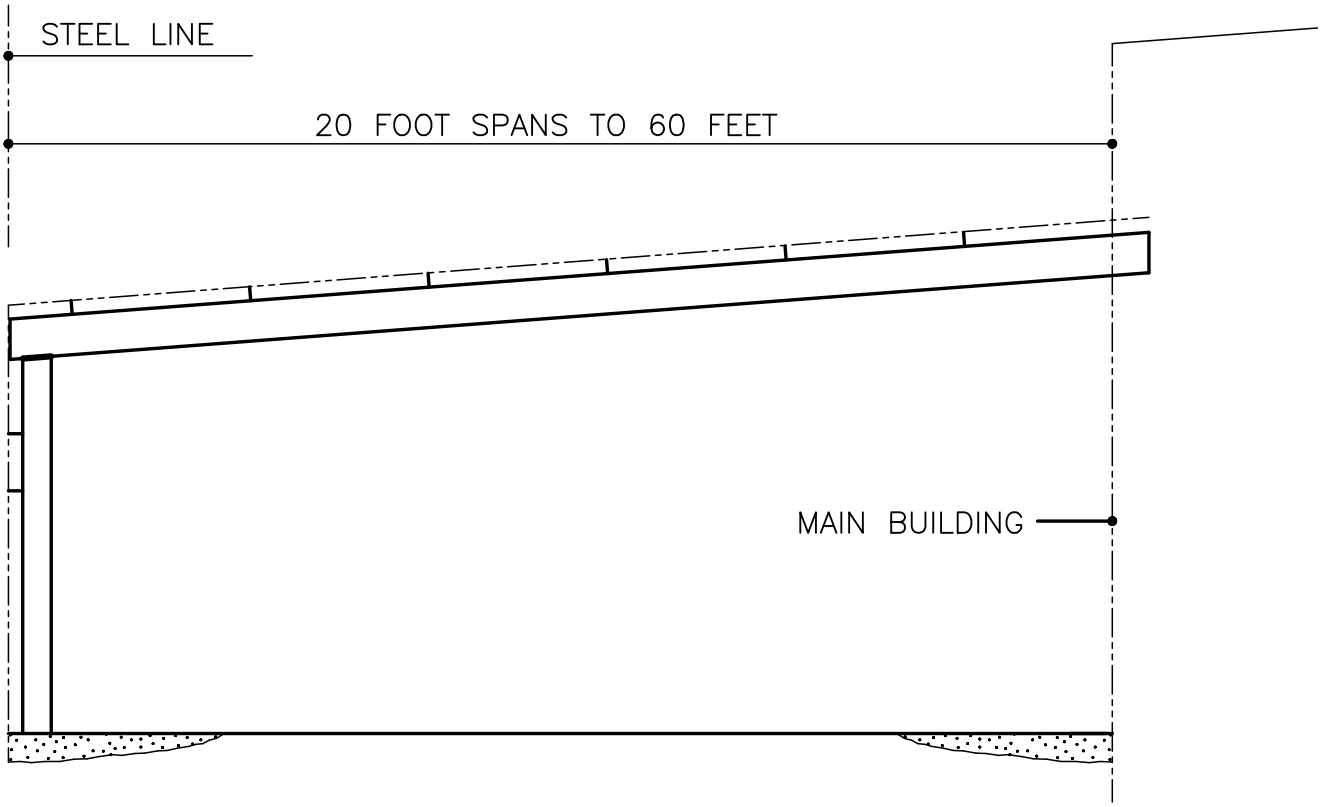
RIGID FRAME, MODULAR, SINGLE SLOPE



FRAMING FEATURES

1. Single Slope frames with interior columns are ideal for wide structures that have drainage restrictions such as a strip shopping center, or architectural requirements prohibiting a gable appearance (requires the use of endwall parapets).
2. Single Slope frames may be used with Z-purlins for maximum economy with bay spacing of up to 40 feet or with bar joists to achieve large, column-free areas of over 3000 square feet (60’ span with 50’ bays).
3. Standard interior columns are pipes, which provide maximum strength while using minimum floor space. Interior column bases may be recessed below the finished floor for a clean appearance.

LEAN-TO



FRAMING FEATURES

1. Lean-to frames are ideal for use as office structures attached to larger or taller buildings.
2. Well suited for use with architectural accessories such as canopies and fascias.
3. Economical solution for the expansion of existing buildings.(Note: A minimum 1'-3" roof step is recommended at this condition.)
4. Straight columns provide maximum floor space and allow interior finish to be easily installed.
5. Minimizes horizontal thrusts so smaller and less expensive foundations may be used.
6. If used to expand from an existing building, verification that existing building will handle new loading must be made by Project Engineer of Record.

TRUSSFRAME

TrussFrame utilizes open web rafters and straight or tapered solid web columns to be able to obtain up to 250’-0” + Clearspan frames depending on design criteria. Inside clearances depend on building width, roof slope, and loading criteria. Standard rafter depths range up to 12’. Please note that truss rafters greater than 60” deep will require additional chord bracing. Contact your divisional engineering team for details.

Interior columns can be used to accommodate larger buildings. Interior modules can span to +/- 200’ depending upon design criteria.

Available in Gable and Single Slope.