

## CODE ANALYSIS

International Building Code 2006 Edition

KGB - Transit Shelter : Totem Bight State Park

**L.OCCUPANCY**

Group U : Utility

**II. TYPE OF CONSTRUCTION**

Type V-B & IV (Heavy Timber)

**III. ALLOWABLE HEIGHT**

(Per IBC Table 509)

Group U : 1 Story, 40 Feet

Proposed : 1 Story, 14'-4" Feet

**IV. FLOOR AREA (Table 509)**

Basic Allowable Area - Utility Level I : 5500 s.f.

Proposed : 95 s.f.

## ZONING

KGB - Totem Bight Transit Shelter

**LEGAL DESCRIPTION**

Use: 3027 Lot 3

Address: Totem Bight State Park, Ketchikan, AK

**ZONING**

IH- Heavy Industrial

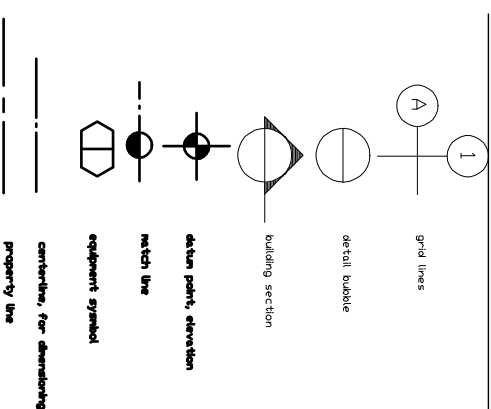
## DEVELOPMENT REQUIREMENTS

Max Height Restriction: 30'-0"

Proposed Height: 11'-4"

Required Setbacks: Front: 10' Rear: 15'  
Proposed Setbacks: Front: 213'(±) Rear: 248'(±)

## DRAWING SYMBOLS



## PARTICIPANTS

### CLIENT

Ketchikan Gateway Borough  
1400 First Avenue  
Ketchikan, AK, 99901

### ARCHITECT

MILLARD + ASSOCIATES ARCHITECTS LLC  
304 Stedman Street  
**Ketchikan, Alaska 99901**  
(907) 225-7139

### STRUCTURAL ENG.

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## DRAWING INDEX

A01	Project Info
A1.0	Plans
A2.0	Elevations
A3.0	Details

## GENERAL NOTES

### GENERAL ARCHITECTURAL NOTES

1. All work shall conform to the 2006 IBC as adopted and all applicable mechanical and electrical codes as adopted by the State of Alaska. For light frame construction provisions, see IBC Chapter 23.
2. Contractor shall verify all existing conditions and building dimensions prior to proceeding with the work. Any variation from the conditions and dimensions shown on the drawing shall be reported to the Architect for resolution prior to construction. Written dimensions take precedence over scaled dimensions. Dimensions are to centerline of columns or to face of framing, unless otherwise noted.
3. Contractor-initiated changes shall be submitted in writing to the Owner/Architect for approval prior to fabrication or construction. Changes shown on shop drawings only will not satisfy this requirement.
4. Safety Glazing: Wired, tempered, and laminated safety glass must meet IBC Standards. Glazing less than 18" above floor, at areas indicated, and other hazardous locations per IBC Sec. 2406.

### GENERAL STRUCTURAL NOTES

(The following apply unless shown otherwise on the plans)

### CRITERIA

1. All materials, workmanship, design, and construction shall conform to the drawings, specifications, and the 2006 IBC.
2. Contractor-initiated changes shall be submitted in writing to the structural engineer for approval prior to fabrication or construction. Changes shown on shop drawings only will not satisfy this requirement.
3. Contractor shall provide temporary bracing for the structure and structural components until all final connections have been completed in accordance with the plans.
4. Contractor shall be responsible for all safety precautions and the methods, techniques sequences or procedures required to perform the work.
5. Drawings indicate general and typical details of construction. Where conditions are not specifically indicated but are of similar character to details shown, similar details of construction shall be used, subject to review and approval by the architect and the structural engineer.

### GENERAL STRUCTURAL NOTES (CONTINUED)

#### 6. Climatic & Geographic Design Criteria

##### Seismic Design Category B:

Ground Snow Load = 55 psf

Design Snow Load = 40 psf.

Wind Load: 110 mph, 3 second gust, exposure B, C or D above 150 feet sea level (MHW).

120 mph, 3 second gust below 150 feet to sea level, Exposure C, D (buffering determines C or D)

Frost line: 12 inches minimum, all areas.

Weathering: moderate

Termites: none

Decay: Severe

Winter design temperature: 14 degrees

Ice shield: not required

Flood hazard(FEMA): April 16, 1990 Firm

Air Freezing Index: 1000

Mean Annual Temp: 45 degrees

### WOOD

1. Framing lumber shall be kiln dried or MC-15, and graded and marked in conformance with NCLB, standard grading rules for West Coast Lumber No. 16, latest edition, furnish to the following minimum standards:

Studs, Plates & Miscellaneous light Framing: Douglas Fir / Hem-Fir Standard Grade  
Bolts, Studs, Ledgers and Plates Local Yellow Cedar or Douglas Fir Standard Grade  
2 x 6 Studs and Plates Local Yellow Cedar or Douglas Fir / Hem-Fir Standard Grade

3. Wood framing notes -- The following apply unless otherwise shown in the plans:

A. All wood framing details not shown otherwise shall be constructed to the minimum standards of the IBC. Minimum nailing, unless otherwise noted, shall conform to table 2304.4 of the IBC. Unless noted otherwise, all nails shall be common. Coordinate the size and location of all openings with architectural drawings. Provide washers under the heads and nuts of all bolts and lag screws bearing on wood.

Architectural Complete-Verify Structural Prior to Construction

# KGB Totem Bight Transit Shelter

North Tongass Highway  
Ketchikan, Alaska

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REV: .

Project Info  
Site Plan  
A0.1