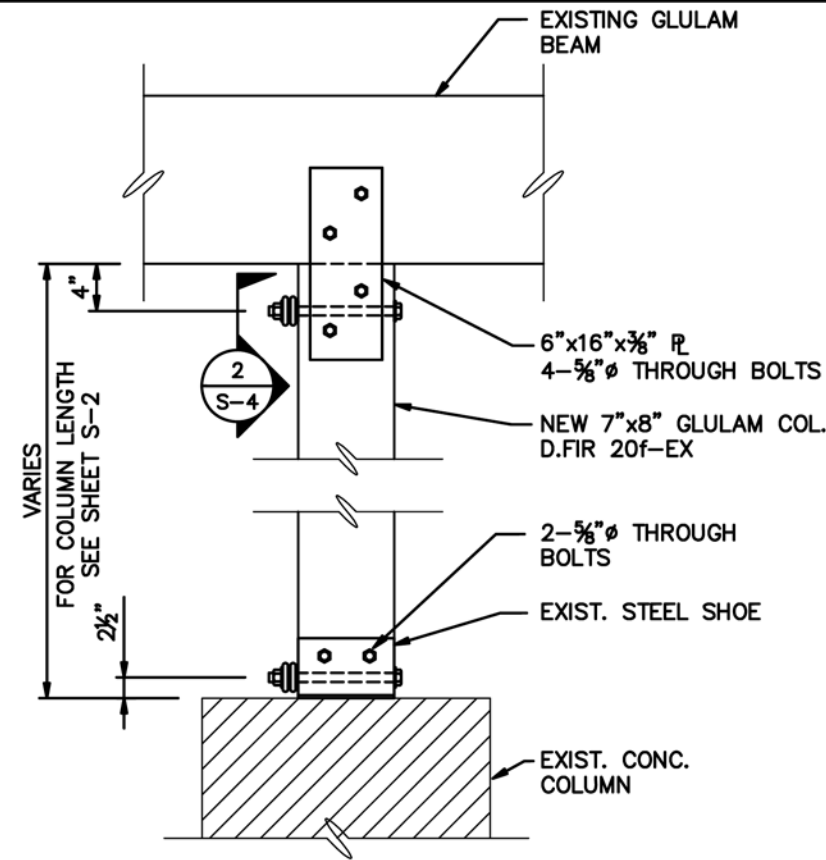
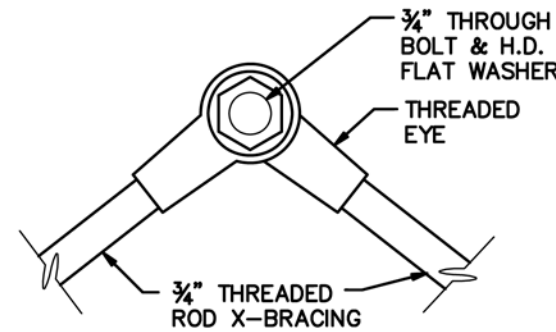


## STRUCTURAL WOOD

- All wood framing shall be in accordance with CSA 086.
- All lumber shall conform to 1978 N.L.G.A. grading rules for Canadian lumber.
- Wall studs to be minimum #2 Spruce-Pine-Fir or better U/N on drawings, kiln-dried to a maximum moisture content of 19%.
- Joists, lintels, and built-up beams to be minimum #2 Spruce-Pine-Fir or better U/N on drawings, properly seasoned to a maximum moisture content of 19%.
- The carpentry contractor in conjunction with the general contractor shall be responsible for supplying and installing all temporary and permanent bracing required to provide the stability of the structure.
- All plywood sheathing to be exterior grade.
- All wall and roof sheathing to be nailed secure in a controlled pattern as follows:
  - Panel edges - 3" nails @ 6" o/c
  - Intermediate supports & blocking - 3" nails @ 10" o/c
- The wood truss supplier shall be responsible for the design and supply of all roof trusses, gable end trusses, bridging and hardware required for the connections.
- The wood truss supplier shall submit drawings bearing the seal of an engineer, registered in the Province of Manitoba for review of:
  - fabrication drawings of each truss type c/w member sizes, dimensions, and design information.
  - an erection drawing, showing the location of all truss and other information required by the contractor for the proper installation of the trusses.
- Truss layout indicated on drawings is for diagrammatic purposes only. Actual truss layout to be determined by supplier.
- No site modifications to be made to trusses without prior approval of supplier and Engineer.
- All repairs made to damaged trusses to be approved by supplier and Engineer.
- All built-up wood columns and post to be continuously blocked down to foundation.
- Provide additional studs (cripples) below bearing points of built-up beams and lintels. Number of studs to equal number of plies of beam or lintel u/n.
- Provide joist cross-bridging at intervals not exceeding 8 times the member depth.
- Provide cont. horizontal solid blocking @ max. 4'-0" o/c vertically in all exterior stud walls.
- Minimum lintels for stud bearing walls u/n on drawings:
  - openings up to 3'-4" use 2-2x8
  - openings up to 5'-0" use 2-2x10



1 SECTION  
S-4 3/4" = 1'-0"



2 DETAIL  
S-4 3 = 1'-0"



<b>WOLFROM ENGINEERING LTD</b> CONSULTING ENGINEERS 345 WARDLAW AVENUE WINNIPEG, CANADA R3L 0L5 (204)452-0041 FAX: 284-8680 E-Mail: info@wolfromeng.com	DATE JULY 26/06	SEAL 
	SCALE AS NOTED	
JOB TITLE <b>ASSINIBOINE PARK ROOF SECTIONS AND DETAILS</b>	FILE NO. W06-098	DRAWING NO. S4
	THIS SEAL IS NOT VALID UNLESS SIGNED & DATED BY THE ENGINEER	