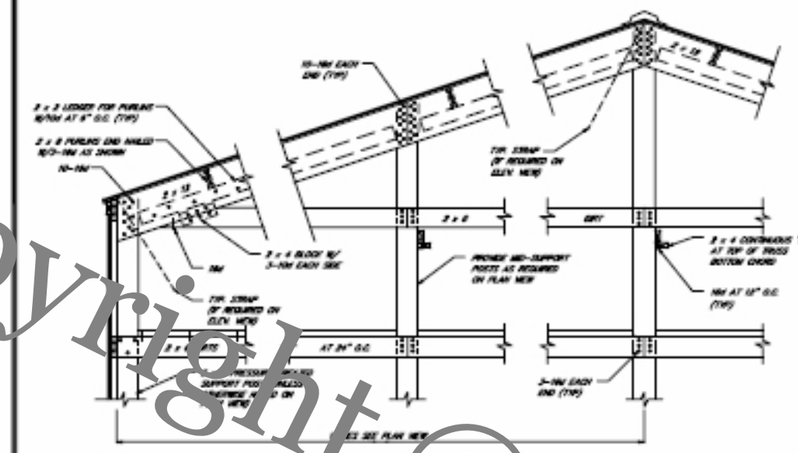
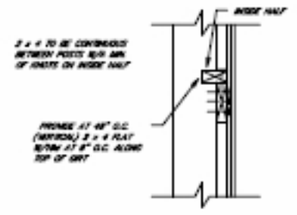
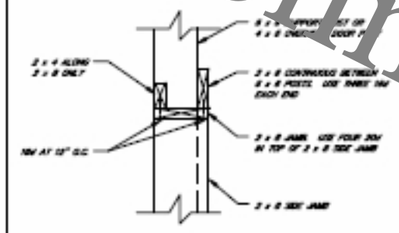


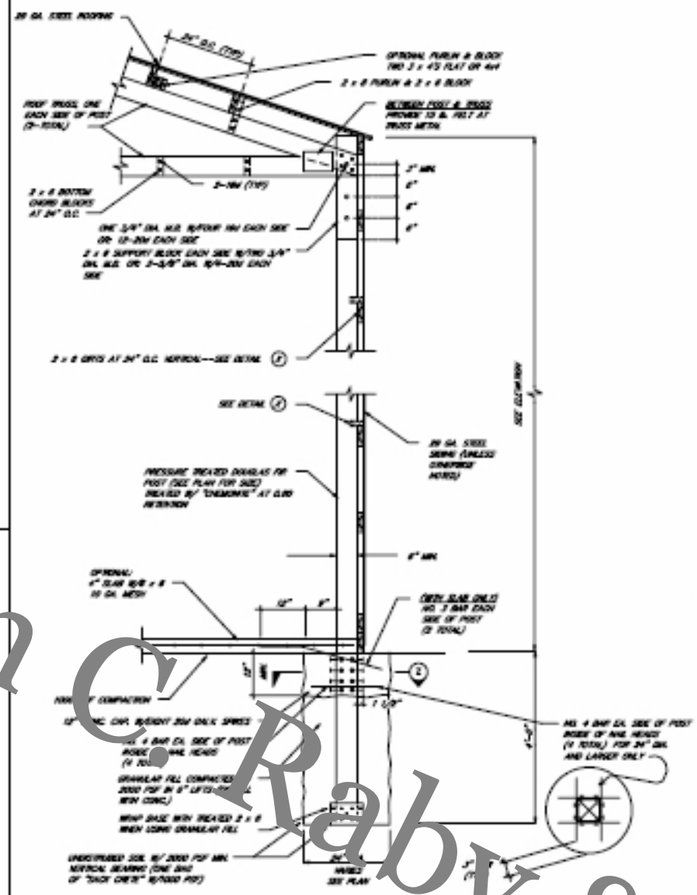
TYPICAL END WALL DETAIL
(OUTSIDE LOOKING IN)
SCALE: 1/2"=1'-0"



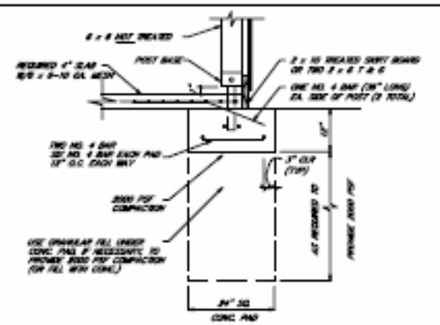
DETAIL (X)
ADDITIONAL SUPPORT AT GIRT
(FOR 10'-6" TO 14'-0" GIRT SPANS ONLY
NOT REQUIRED FOR SPANS LESS THAN 10'-6")
SCALE: 1"=1'-0"



DETAIL (Y)
TYP. HEADER AT OVERHEAD DOOR
SCALE: 1"=1'-0"



TYPICAL SIDE WALL SECTION
SCALE: 1/2"=1'-0"



ALTERNATE FOUNDATION DETAIL (A)
NOTE: PER ENGINEER ONLY
SCALE: 1/2"=1'-0"

CONSTRUCTION NOTES

(1) CODE: 1982 UNIFORM BUILDING CODE

(2) DESIGN LOADS:

ROOF (SNOW)	= 30 P.S.F.
LIVE LOAD REDUCTION	= U.B.C. Par. 123
DEAD LOAD	= 5 P.S.F.
WIND	= 90 M.P.H.
UPLIFT	= PER U.B.C.
SEISMIC	= ZONE II

(3) DESIGN STRESSES:

SOIL BEARING = 2000 P.S.F.
POLE BEDDING (Passive Earth Pressure)=2000 P.S.F. PLUS 225 PSF FOOT OF DEPTH
CONCRETE = 5 SACKS PER CUBIC YARD f'_c= 3000 P.S.I. AT 28 DAYS
BEAMS: No. 2 f_b = 1250 P.S.I.
POSTS: No. 1 f_b = 1300 P.S.I.
PURLIN (Repetitive) No. 2 f_b = 1450
GIRTS: No. 2 f_b = 1450 P.S.I. PLUS 225 INCREASE FLAT WISE (PER CODE) = 1770 P.S.I.

SHEET METAL SHEAR:
(A) 29 GAUGE STEEL W/ No. 8 x 1-1/2" HEXHEAD WOODGRIP FASTENERS AT 8-1/2" O.C. HORIZ. = 135 P.L.F.
(B) 29 GAUGE STEEL W/ No. 8 x 1-1/2" WOOD SCREWS AT 8" O.C. HORIZ. = 150 P.L.F.

NAILS IN SHEAR: (COMMON & GALVANIZED)
(A) 16d = 133 LB.
20d = 192 LB.

BOLTS:
U.B.C. Pg. 271 (FOR TREATED POSTS USE GALV. OR STAINLESS)

(4) TRUSSES:
DRAWING TO BE STAMPED BY A LICENSED ENGINEER IN THE STATE OF CONSTRUCTION

(5) NAILS:
(A) AMERICAN OR CANADIAN MFG. ONLY
(B) PROVIDE 2" MIN. END DIST. AT PARALLEL TO GRAIN
(C) PROVIDE 3/4" MIN. END DIST. AT PERPENDICULAR TO GRAIN

(6) METAL SIDING:
26 GAUGE STEEL, ROOF AND SIDING, INSTALLED PER MANUFACTURER'S REC.

(7) STRAP (ROOF & WALLS):
(A) 1-1/4" WIDE "DOUBLE STEEL
(B) DESIGN YIELD = 4100 LB.
(C) f_y = 130,750 P.S.I.
(D) ELONGATION = 28 9/8" GA. LENGTH (VALUES BY PACIFIC TESTING LABS 4/11/76)

ADDITIONAL NOTES

(8) CONCRETE SLAB:
PROVIDE OPTIONAL 1E SLOPE ON SLAB TO MAIN DOORS AT ALL WINDOW AREAS. FLAT SLABS ARE NOT RECOMMENDED FOR AREAS WHERE WATER MAY BE PRESENT

COMPACTION NOTES

(A) 2000 P.S.F. COMPACTION:
(1) 2000 P.S.F. COMPACTION SHALL BE ACCOMPLISHED WITH AN 8' LONG 4 x 4 POST (OR 6" DIA. POLE) HAND OPERATED
(2) THE "COMPACTION POST" SHALL BE RAISED NOT LESS THAN 4' ABOVE THE COMPACTING SURFACE AND LET FALL NOT LESS THAN 4 REPETITIONS ON EACH 4 INCH SQUARE
(3) THE COMPACTING MATERIAL SHALL BE GRANULAR WITH THE PARTICAL SIZES VARYING IN A MANNER SIMILAR TO STANDARD PIT RUN GRAVEL, AND PLACED IN A MAXIMUM OF 6" LIFTS
(4) IN NO CASE SHALL ANY CLAY LIKE MATERIAL OR ORGANIC MATERIAL BE USED
(5) IN NO CASE SHALL THE COMPACTION TAKE PLACE ON OR UNDER STANDING WATER (ALL STANDING WATER TO BE REMOVED DURING COMPACTION)
(6) PROOF OF COMPACTION: A 2 x 4 BUTT END SHALL NOT PENETRATE THE COMPACTED MATERIAL MORE THAN 1/8", PLUS OR MINUS, UNDER A MAN'S WEIGHT (170 LB., PLUS OR MINUS)

(B) 1000 P.S.F. COMPACTION
(1) 1000 P.S.F. COMPACTION SHALL BE ACCOMPLISHED WITH A GASOLINE HAND HELD TYPE COMPACTOR WITH THE COMPACTABLE MATERIAL IN 4" MAXIMUM LIFTS
(2) ALL OTHER CONDITIONS ARE SIMILAR TO THE 2000 P.S.F. CONDITIONS SHOWN ABOVE, EXCEPT THE (PROOF OF COMPACTION) ROD SHALL BE TWO 2 x 4'S

NO.	DESCRIPTION	DATE	BY

JOHN C. RABY & ASSOCIATES
CIVIL & STRUCTURAL ENGINEERS
P.O. BOX 505 REPUBLIC WA. 1[illegible]
509-775-2552

JOB NAME:
FOR:

DATE:	JOB NO.:	DRAWN BY: RPL
		SHEET: 2 OF 2

STANDARD WALL SECTIONS

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