GENERAL NOTES

DESIGN DATA

*Codes: 1992 Edition of the Uniform Building Code
1993 Edition of the ACI 318
*Roof load 45#/ft = 20# roof load, 15# dead load
*Floor load 83#/ft = 40# live load, 15# dead load
*Minimum allowable soil pressure 1000 psf
*Minimum concrete strength (28 days) unless noted otherwise:
Footings: 2000 PSI
Walls 3000 PSI
Slab on grade: 2000 PSI
*Reinforcing steel ASTM grade 60 unless otherwise:
#3, grade 40
Wire fabric ASTM A185
Deformed wire fabric ASTM A497
*Structural steel, ASTM A36 except as follows:
Pipe ASTM A53, grade B
Structural tubes ASTM A500
Bolts and plate washers ASTM A307
High strength bolts: ASTM A325
*Architectural grade lumber:
2x6 thru 2x12 Douglas Fir #2
2x6 joist Douglas Fir #1
4x6 thru 6x12 Douglas Fir #1
4x6 thru 6x12 Hem Fir #1
*Engineered lumber
Fb=2600 PSI
Fv=285 PSI
E=1.6E6
*Plywood: for structural purposes, shall be APA rated sheathing C-D INT (PS1/PS2) with exterior glue, unless otherwise noted.
Subflooring C-D INT (PS1/PS2) with exterior glue.
Roof sheathing C-D INT (PS1/PS2) with exterior glue.
Wall sheathing C-D INT (PS1/PS2) with exterior glue.

CONCRETE AND REINFORCING

*Concrete quality: Conform to ACI 318-89, Chapter 4.
*Concrete regular weight (145-150#/cf) with 28 day strength per ASTM C 39 as specified on the drawings.
Lightweight concrete is specifically required. Aggregate for for light weight concrete per ASTM C330.
Minimum slump: 4 1/2 in.
*No admixtures without approval; admixtures containing chlorides shall not be used, concrete shall not be in contact with aluminum.
*Cast slab on grade with construction and control joints as shown on the plans
*Cure concrete members with polyethylene for 5 days or with a curing compound approved by the architect.
*Concrete which during the life of the structure will be subject to freezing temperatures will have a water/cement ratio not exceeding 6 gallons per bag and shall contain intentional air per ACI 613
*Maximum free drop of any concrete: 6 feet
*Allow surface tolerance: 1/8 in. See ACI 301-89 for procedure of measurement. Buildings of more than 120 ft. but less than 175 ft. shall be measured by percentage permissions of more than 1/2 in. shall be corrected by replacing slab
*Floor thickness tolerance, minus 1/2 in., plus 1 in., the average thickness shall be as shown on drawings. Any slab with a thickness deviation greater than a minus 1/2 in. shall be replaced
*Where steel columns rest on masonry piers or walls, fill voids of masonry with concrete for minimum width of beam width plus one width each side and extend down to footing
*Thicken slabs on grade under non-bearing masonry walls (6 in. thick or over) to 8 in. and reinforce with 2 #5 continuous.

FOOTING AND FOUNDATION

*Unless noted otherwise, all footings shall center over the walls, piers or columns
*All footings to be earth or board formed evenly and accurately
*All footings shall rest on firm undisturbed soil a minimum of 12 in. below finished grade
*Reinforcing in footings shall be correctly placed and spaced before placing concrete. Do not floats reinforcing into footings
*Place waterstop under footings shall be placed before pouring footings and the void produced in laying the pipe shall be filled with concrete
*Fill in, 4 bother @ 8'-- 0" OC unless different size are not mentioning reinforcing use a minimum of 2 bolts per piece of sill material and locate one bolt not over 12 in. from each end

SUBCONTRACT NOTES

*Verify all dimensions and conditions prior to execution, work. Notify the Architect of any discrepancies or inconsistencies
*Verify to field all existing conditions shown on drawings
*Coordinate and verify all openings and inserts for mechanical, electrical and plumbing with appropriate trades
*Provide all necessary temporary bracing, shoring, curing or other means to ensure adequate and safe structural elements in place during construction
*Any engineering design provided by others and submitted for review shall bear the seal of an engineer registered in the State of Iowa
*Details on the structural drawings are typical. Verify

SYMBOLS LEGEND

- wood stud partition
- concrete
- concrete block
- brick
- stone
- loose or batt insulation
- rigid insulation
- earth
- sand or gravel fill
- wood (rough)
- wood (finish)
- detail no. / sheet no. — SECTIONS
- detail no. / sheet no. — ELEVATIONS

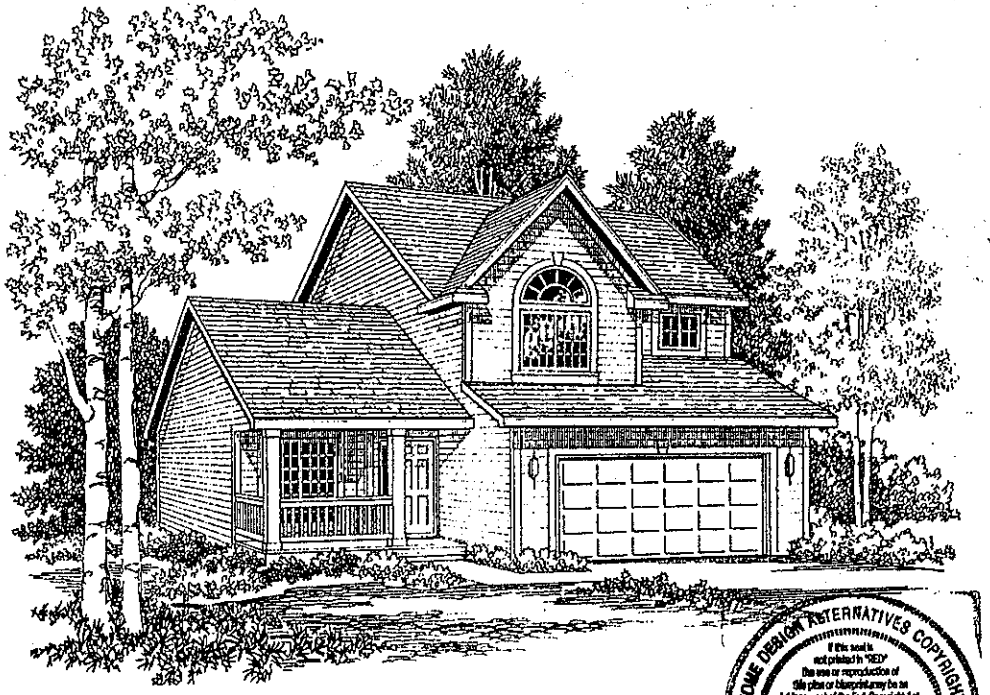
ABBREVIATIONS

ADJ.	Adjustable	INSUL.	Insulation or Insulating
A/F	A/F Partition	INT.	Interior
ALT.	Alternate	JT.	Joint
ANG.	Steel Angle	JST.	Joist
APPROX.	Approximate	LONG. PLANE.	Laminated Veneer
ARCH.	Arch	LAV.	Lavatory
BD.	Board	MAX.	Maximum
BLDG.	Building	MECH.	Mechanical
BLKG.	Blocking	MFR.	Manufacturer
BM.	Beam	MIN.	Minimum
BOT.	Bottom	M.O.	Masonry Opening
BRG.	Bearing	MTL.	Metal
CAB.	Cabinet	N.I.C. or N.A. CONT.	Not In Contract
CLG.	Ceiling	NOM.	Nominal
CL.	Center Line	N.T.S.	Not to Scale
C.J.	Control Joint	O.C.	On Center
CLOS.	Closet	OPNG.	Opening
C.P.	Ceramic Pole	OVHD.	Overhead
COL.	Column	PT.	Paint
CONC.	Concrete	PL.	Plate
CONSTR.	Construction	PLYD. or P.W.	Plywood
CONTR.	Contractor	P.S.F.	Pounds per square foot
CONST. JOINT	Construction Joint	P.S.I.	Pounds per square inch
CONT.	Continuous	REINF.	Reinforcing
CONC.	Concrete	REQ.	Required
D.F.	Douglas Fir	R.	Riser
DET.	Detail	RO.	Rough Opening
DIA. or Ø	Diameter	R.O.	Rough Stock
DIM.	Dimension	SH.	Shelf
D.H.	Drift Bolt	STR.	Structural
D.W.	Double Hung	SL. DR. or SL.	Sliding Glass Door
E.E.	Each Face	STOR.	Storage
EL.	Elevation	STRUCT.	Structural
ELEC.	Electrical	SUSP.	Suspended
EQ.	Equal	T&G	Tongue and Groove
EXP.	Expansion	TREAD	Treads
F.F.	Finished Floor	T.O.	Top of
FTG.	Footing	U.O.N.	Unless Otherwise Noted
FIN.	Finish	W.C.	Water Closet
F.D.	Floor Drain	W.H.	Water Heater
FDN.	Foundation	W.P.	Weatherproof
GALV. or G.I.	Galvanized Iron	W.S.	Weather Stripping
GL.	Glass	W/	With
GYP. BD.	Gypsum Board	WD.	Wood
HT. or HGT.	Height	W.I.	Wrought Iron
H.M.	Hollow Metal		

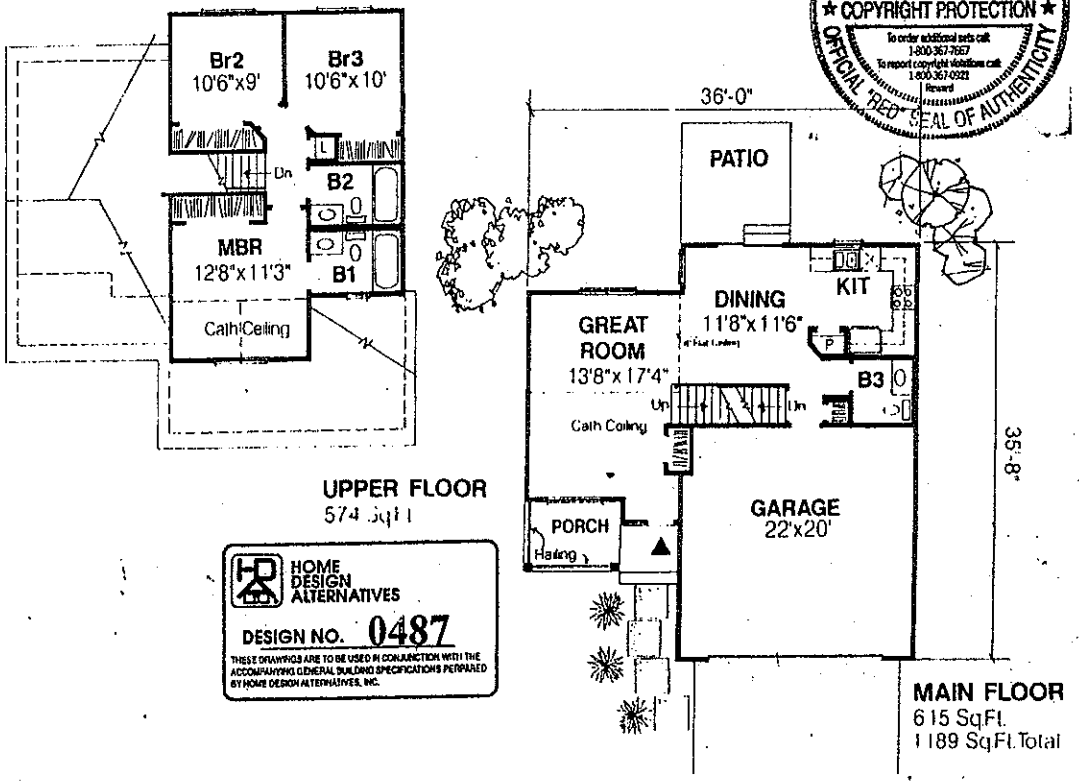
Acknowledgement Of Plans Submittal ONLY!

3302 Date 11/25/03

Date 11/12/03



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UPPER FLOOR
574 Sq Ft

MAIN FLOOR
615 Sq Ft.
1189 Sq Ft Total

HOME DESIGN ALTERNATIVES
DESIGN NO. 0487
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COVER SHEET

SHEET 1 OF 7

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