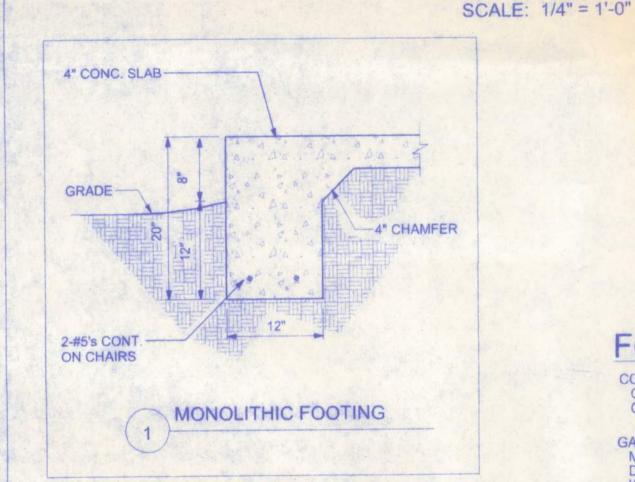


FOUNDATION PLAN



SLAB REQUIREMENTS

JOINTS ARE NOT REQUIRED IN UNREINFORCED PLAIN CONCRETE SLABS ON GROUND OR IN SLABS FOR ONE AND TWO FAMILY DWELLINGS COMPLYING WITH ONE OF THE FOLLOWING:

- CONCRETE SLABS ON GROUND CONTAINING SYNTHETIC FIBER REINFORCEMENT. FIBER LENGTHS SHALL BE 1/2 INCH TO 2 INCHES IN LENGTH. DOSAGE AMOUNTS SHALL BE FROM 0.75 TO 1.5 POUNDS PER CUBIC YARD IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. SYNTHETIC FIBERS SHALL COMPLY WITH ASTM C 1116. THE MANUFACTURER OR SUPPLIER SHALL PROVIDE CERTIFICATION OF COMPLIANCE WHEN REQUESTED BY THE BUILDING OFFICIAL; OR, CONCRETE SLABS ON GROUND CONTAINING 6x6 W1.4 x W1.4
- WELDED WIRE REINFORCEMENT FABRIC LOCATED IN THE MIDDLE TO THE UPPER 1/3 OF THE SLAB. WELDED WIRE REINFORCEMENT FABRIC SHALL BE SUPPORTED WITH APPROVED MATERIAL OR SUPPORTS AT SPACING NOT TO EXCEED 3 FT OR IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATION. WELDED PLAIN WIRE REINFORCEMENT FABRIC FOR CONCRETE SHALL CONFORM TO ASTM A 185, STANDARD SPECIFICATION FOR STEEL WELDED WIRE REINFORCEMENT FABRIC, PLAIN, FOR CONCRETE REINFORCEMENT.

FOUNDATION NOTES:

CONCRIETE SHALL HAVE A MINIMUM SPECIFIED COMPRESSIVE STRENGTH OF 25010 PSI AT 28 DAYS.

GALVANIZATION: METAL ACCESSORIES FOR USE IN EXTERIOR WALL CONSTRUCTION AND NOT DIRECTILY EXPOSED TO THE WEATHER SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A 153, CLASS B-2. METAL PLATE CONNECTORS, SCREWS, BOLTS ANDNAILS EXPOSED DIRECTLY TO THE WEATHER SHALL BE STAINLESS STEEL OR HOT DIPPED GALVANIZED.

REINFORICING STEEL: THEREINFORCING STEEL SHALL BE MINIMUM GRADE 40

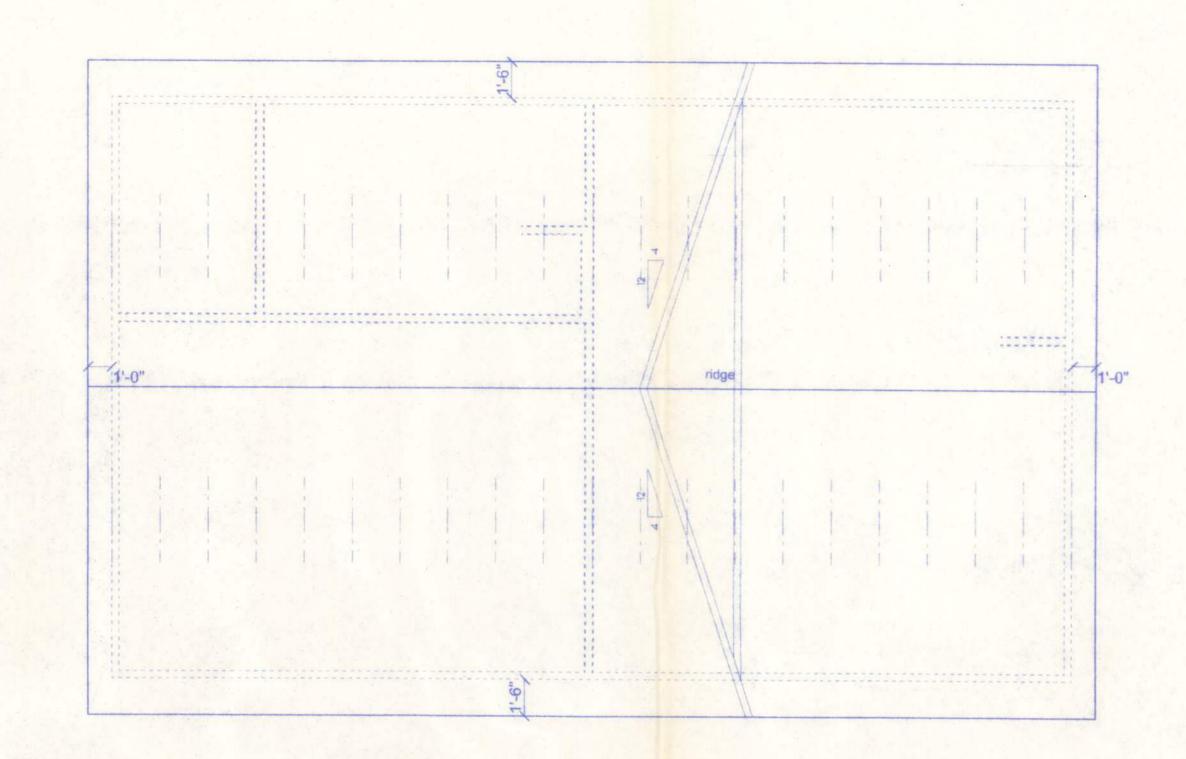
REINFORICEMENT MAY BE BENT IN THE SHOP OR THE FIELD PROVIDED: ALL REINFORCEMENT IS BENT COLD,

THE DIAMETER OF THE BEND, MEASURED ON THE INSIDE OF THE BAR, IS NOT LESS THAN SIX-BAR DIAMETERS AND 3. RENFORCEMENT PARTIALLY EMBEDDED IN CONCRETE SHALL NOT BE

EXCEPTION: WHERE BENDING IS NECESSARY TO ALIGN DOWEL BARS WITH A VERTICAL CELL, BARS PARTIALLY EMBEDDED IN CONCRETE SHALL BE PERMITTED TO BE BENT AT A SLOPE OF NOT MORE THAN 1 INCH OF HORIZONTAL DISPLACEMENT TO 6 INCHES OF VERTICAL BAR LENGTH.

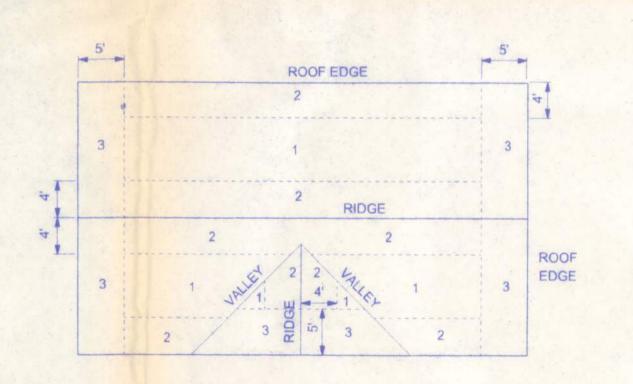
COVER OVER REINFORCING STEEL FORFOUNDATIONS, MINIMUM CONCRETE COVER OVER REINFORCING BARS

SHALL IBE: 3 INCHES IN FOUNDATIONS WHERE THE CONCRETE IS CAST AGAINST AND PERMAINENTLY IN CONTACT WITH THE EARTH OR EXPOSED TO THE EARTH OR WEATHER AND 1 1/2 INCHES ELSEWHERE. REINFORCING BARS EMBEDDED IN GROUTED CELLS SHALL HAVE A MINIMUM CLEAR DISTANCE OF 1/4 INCH FOR FINE GROUT OR 1/2 INCH FOR COARSE GROUT BETWEEN REINFORCING BARS AND ANY FACE OF A CELL. REINFORCING BARS USED IN MASONRY WALLS SHALL IHAVE A MASONRY COVER (INCLUDING GROUT) OF NOT LESS THAN 2 INCHES FOR MASONRY UNITS WITH FACE EXPOSED TO EARTH OR WEATHER 1 1/2 INCHES FOR MASONRY UNITS NOT EXPOSED TO EARTH OR WEATHER



ROOF SHEATHING FASTENINGS

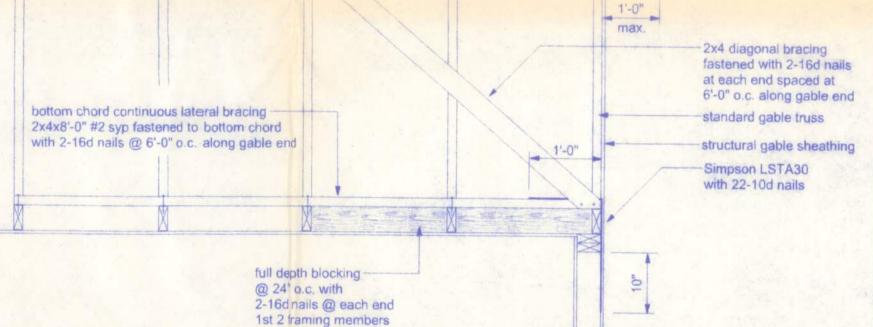
NAILING ZONE	SHEATHING TYPE	FASTENER	SPACING
1	15/32" cdx	8d ring shank hot dipped galvanized	6 in. o.c. EDGE 6 in. o.c. FIELD
2			6 in. o.c. EDGE 6 in. o.c. FIELD
3			6 in. o.c. EDGE 6 in. o.c. FIELD



ROOF SHEATHING NAILING ZONES (GABLE ROOF)

ROOF PLAN SCALE: 1/4" = 1'-0"





END WALL BRACING FOR CEILING DIAPHRAGM

NOTE: ALL WOOD TO BE NUMBER 2 GRADE SOUTHERN YELLOW PINE

CONT. RIDGE VENT AS PER "COR-A-VENT" V-600TE W/ METAL RIDGE CAP -METAL ROOFING AS PER SCHEDULE ON PLANS - SEE ROOFING NOTES -15/32" CDX PLYWOOD SHEATHING AS PER NAILING SCHEDULE ON PLANS FRAMING AS PER ROOF FRAMING

PLAN (TRUSSES OR LUMBER)

RIDGE VENT DETAIL

VENTILATION REQUIREMENTS

Total Attic Square Footage	Recommended Length of Cobra Rigid Vent II (Feet)	
1600	21	384
1900	25	456
2200	29	528
2500	33	600
2800	41	744
3100	41	820
3400	45	816

-2x ladder framing @ 24" o.c. Freeman
Design Group

8d nails @ 6" o.c.

into gable end truss

RESIDENCE

DRAWN BY DATE W.H.F. APPROVED W.H.F. REVISIONS PROJECT NO.

12.R012