## STRUCTURAL NOTES:

# GENERAL:

- . WORK SHALL COMPLY WITH THE REQUIREMENTS OF THE 2003 INTERNATIONAL BUILDING CODE & THE LOCAL BUILDING DEPARTMENT RULES & REGULATIONS

1. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MEASURE ALL REQUIRED FIELD DIMENSIONS AND TO VERIFY ALL ENSITING CONDITIONS THAT ARE SHOWN ON THE DEMINIST OF THE CONTRACT OF THE PROPERTY OF THE PROPERTY OF THE WORK.

### DESIGN LOADS

1. LIVE LOADS:
ROOF LIVE LOAD = 92 PSF (SNOW)
FLOOR LIVE LOAD = 40 PSF (RESIDENTIAL)
WIND: 90 MPH WIND SPEED ZONE, EXPOSURE B
Ness=1.0
SEISMIC USE GROUP |

- ALL EXCAVATIONS FOR FOUNDATIONS SHALL COMPLY WITH OSHA REQUIREMENTS. CONTRACTOR IS SOLICY RESPONSIBLE FOR ALL EXCAVATIONS INCLUDING DESIGN AND INSTALLATION
- FOUNDATION DRAINS SHALL BE INSTALLED AS PER THE SOILS SOILS REPORT AND ARCHITECTURAL DRAWINGS.
- DO NOT BACKFILL AGAINST FOUNDATION WALLS UNTIL 1ST FLOOR DIAPHRAM IS CONSTRUCTED & INTERIOR CONC. SLABS ARE POURED.

- ALL CONCRETE WORK SHALL COMPLY WITH THE ACI BUILDING CODE 318-99.
- ALL CONCRETE SHALL HAVE TYPE II PORTLAND CEMENT & SHALL BE NORMAL WEIGHT WITH A MINIMUM ULTIMATE COMP. STRENGTH OF 3000 PSI AT 28 DAYS.
- ALL RENFORCING STEEL SHALL CONFORM TO ASTM 615
  GRADE 60. ALL BARS TO BE CONTINUOUS UNLESS NOTION
  OTHERWISE. NO WELDING OF RENFORCING STEEL SHALL BE
  PERMITTED EXCEPT AS APPROVED AND DETAILED BY THE.
  ENGINEER.
- WELDED WIRE FABRIC SHALL CONFORM TO A185. LAP ALL WIRE FABRIC 6" MINIMUM.
- PROVIDE ALL ACCESSORIES NECESSARY TO SUPPORT REINFORCING FOR CONCRETE POURS. NO "WET STABBING" OF REINFORCING STEEL SHALL BE PERMITTED.
- 7. ANCHOR BOLTS SHALL CONFORM TO ASTM A325. SET ANCHOR BOLTS WITH TEMPLATES AT BASE PLATES AND BEARING PLATES. EXPANSION BOLTS SHALL BE HLIT KWOK BOLTS OR APPROVED EQUIVALENT. FOLLOW MAUNUFACTURERS INSTRUCTIONS FOR INSTRU
- 8. LAP SPLICES, WHERE PERMITTED SHALL BE 2'-0" MIN., UNLESS NOTED OTHERWISE. PROVIDE CORNER BARS OF EQUAL, SIZE & SPACING AS HORIZOTHAL BARS AROUND ALL CORNERS & INTERSECTIONS, PROVIDE 2"-65 BARS WITH A 2"-0" MIN. PROJECTION BETOND SIDES OF ALL OPINGS. IN ALL WALLS & SLASS.
- 30-05.

  S. RYPADO, GROUT SHALL BE 5000 PSI EMBEDO 153 NON SHRINK GROUT OR OF APPROVED EQUIVALENT GROUT SHALL BE INSTALLATION. GROUT SHALL BE INSTALLATION. GROUT SHALL BE INSTALLED AT COLUMN BEARING PLATES AFTER COLUMN SPL
- ALL CONCRETE WORK SHALL COMPLY WITH THE ACI 306.1 STANDARD FOR COLD WEATHER CONCRETING.

- 1. ALL ROOF DECK TO BE 1 TO DEEP TYPE 'B' AS MANUFACTURED BY UNITED STEEL DECK, OR EQUAL, AND BE GALVANIZED. GAGE TO BE AS SHOWN ON DWGS.
- ALL DECK SHALL BE PLACED CONTINUOUSLY OVER THREE OR MORE SPANS, EXCEPT IN AREAS WHERE THERE IS ONLY ONE SPAN.
- ALL DECK TO BE CONNECTED TO SUPPORTING STEEL WITH 5/8" PUDDLE WELD AT EACH FLUTE.
- 4 ALL SIDE LAPS OF DECK TO BE CONNECTED WITH NO. 7X 7/16" PAN HEAD SCREWS AT 36"O.C. MAX.

- SHOP DRAWINGS DETAILING ALL MEMBERS, CONNECTIONS, AND LAYOUT SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW PRIOR TO FABRICATION.
- ALL FIELD WELDING & FULL PENETRATION WELDS MUST BE INSPECTED BY A CERTIFIED WELDING INSPECTOR.

- SAWN LUMBER: ALL SAWN LUMBER FOR STRUCTURAL FRAMING SHALL BE KILN DRIED HEM-FIR GRADED AS PER THE LATEST ARTICHAL DESIGN SPECIFICATION FOR TOWN CONDICTION BY THE NATIONAL FOREST PRODUCTS ASSOCIATION AND THE WESTERN WOOD PRODUCTS ASSOCIATION AS FOLLOWS:

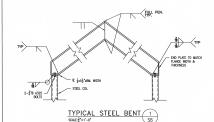
- FRAMING STUDS 2x6, NO. 2 OR BETTER Fb = 850PSI Fc perp = 405 PSI Fc = 1300 PSI
- SIZES SHOWN FOR SAWN LUMBER FRAMING ARE HOMINAL SIZES SHOWN FOR SAUD BLOCKING BETWEEN ALL JOSTS SHOWN SHOWN

CIED LIMANTED BEARS, SUED LAMINETD BEARS INTO LUCIDO CONTROL BEARS INTO LUCIDO CONTROL BEARS INTO LUCIDO CONTROL BEARS INTO LUCIDO CONTROL BEARS SHALL BE ESSIMED AND FRENCHED IN ACCORDANCE PARAMETRIS SHALL BE ESSIMED AND FRENCHED IN ACCORDANCE PARAMETRIS CONTROL BEARS INTO LUCIDO LAMINETE LIMITER PRODUCTION CONTROL BEARS INTO LUCIDO LAMINETE SHALL BE ALMINED SH

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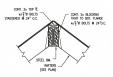
- \*\*\*LTHOUGH SHAHIMIC: PLYWOOD FOR ROOFS, FLOORS, & SHEAR WALL SE-MAIN (SHALL SE AVA GROVE TAVOBMARKET CDX WITH EXTEROR GLUE. LAY UP PLAYMOOD WITH FACE GRAIN PERPENDICULAR TO SUPPORTS AND STAGET JOHNS. ALL NAUING TO BE COMMON NALS, RING SHAMKED FOR FLOOR & ROOF SHEATHING, ALL FLOOR SHEATHING TO BE GLUED & NALED. ALL EDGES OF SHEAR WALL SHEATHING SHALL BE BLOCKED & NALED.



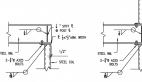




TYPICAL WELDED BOOT CONN. 2



TYPICAL RAFTERS TO STEEL BM. 3



TYPICAL BM. TO STEEL COL.



TYPICAL STEEL BM. CONN.



TYPICAL JOISTS TO STEEL BM.



TYPICAL STEEL BEAM BEARING



TYPICAL LVL @ STEEL COL.

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	-	
	_	
10-11-07	5	BID SET
9-20-07	4	FNDN. REVISION A
9-5-07	3	FNDN. CONST. SET
8-22-07	2	75% STRUCT. PROGRESS
7-12-07	1	FOUNDATION PERMIT SET
Date	Mo.	Description

Stauder Ranch Lot 7 - San Juan Ranch 814 Hull Ridge Road

Montrose, CO 81401

NOTES & DETAILS

 Dream by
 JP
 Chacked by
 JP

 Scale
 SEE NOTES
 Project no.
 07018

 Date
 7-12-07