23.99' [,] .5' 45°	NGR 2016	1776.222 4589000 222.6900 38 232 38 232		
4.00 > 77 > 16	11 X E АСТ 0.2	4589000 76.2221 900076. 822 879 822 879	/	
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	4 [- 45			
	$\overline{\nearrow}$		1 10	
			FLC GRC	OR 40# L.L. 12# DL. ROOF 30# L.L. 15# D.L. OUND SNOW LOAD 30 PSF WIND 115 MPH EXPOSURE "B"
			2. EX 2x	XTERIOR WALL BALLOON AND WALL HEIGHT FRAMING: $(4 @ 16" O/C = 10'-0")$ $2x4 @ 8" O/C = 10'-0"$
			2x 2x	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
			3. 4. Al	=3-2x4 COLUMN EQUAL OR NOTED ON PLAN. OR 3-2x6 COLUMN IN 2x6 WALLS. LL EXTERIOR HEADERS TO BE (2)2X12 w/ 1/2" PLYWOOD BETWEEN. GLUED & NAILED
_	16	Im	5. W.	INDOWS SHOWN SHALL BE:_MARVIN-ENERGY STAR LOW "E" WINDOW MFG. SHALL SUBMIT ALL R PENINGS TO CONTRACTOR PRIOR TO CONSTRUCTION AND VERIFY ALL WINDOWS
			С 6. АІ А	OMPLY WITH IRC R613, IF ALTERNATES TO ABOVE ARE USED. LIGN CENTER LINES OF STUDS AND STRUCTURAL FRAMING MEMBERS W/ TRUSSES ND RAFTERS FOR CONTINUOUS SUPPORT. NOTE: APPLIES IF 2' O/C OR GREATER
			S. 7. PR	PACING IS DESIGNED. ROVIDE 1-1/2" BEARING EACH SIDE OF HEADER IN NON-BEARING WALLS AND 3" IN
			Ві 8. РК	EARING WALLS. (U.N.O. ON PLANS) ROVIDE DOUBLE JOISTS UNDER PARALLEL WALLS, REF., BATH TUBS, STOVES, ETC.
			И 9. US 10 S	/HERE ADDITIONAL WEIGHT IS PRESENT AND/OR BEARING IS REQUIRED. SE APPROVED RIDGE VENTS FOR ATTIC VENTILATION. STRUCTURAL POSTS REQUIRE SOLID BLOCKING AND TIL PANELS/OR JOISTS NOTE:
			10. 5 Di 11. Al	O NOT SUPPORT POSTS OR POINT LOADS DIRECTLY ON JOISTS W/OUT BLOCKING. LL METAL HANGERS SHALL BE SIMPSON-NOTE: USE HEAVY DUTY SADDLE
	- 23	Im	Co B`	ONNECTORS BETWEEN POSTS AND BEAMS. FINAL DESIGN OF ALL CONNECTIONS Y ENGINEER.
			12. Al 13. Al FL	LL LUMBER TO BE HEM FIR #2 OR EQUAL UNLESS NOTED. LL GLASS WITHIN A 24" ARC OF A DOOR AND/OR LOWER THAN 18" OFF THE LOOR, OR WALKWAY SHALL HAVE TEMPERED GLAZING.
			14. A. II	LL SPECIFIC PRODUCTS, IE. MICROLAM, GLUELAM, ETC. SHALL BE NSTALLED PER MANUFACTURE'S SPECS, AND DESIGN VALUES SHALL CONFORM
			T C	O DESIGN CRITERIA SET FORTH BY MANUF. THIS APPLIES TO STOVES, SIDING, CONCRETE, LUMBER, ETC. PRODUCTS TO BE PLACED PER MANUF. SPECS, ICC
			R. II 15 Д	EPORTS OR STANDARD ACCEPTABLE PRACTICES GOVERNED BY IBC, IRC, IECC, MC, WESTERN GRADING RULES, OR UBC STANDARDS. UL TRUSS DETAILS INCLUDING LIDIST PRODUCT FRAMING PLANS SHALL BE
			19, 71 S S	UBMITTED TO BUILDING DEPARTMENT AT TIME OF PLAN CHECK. NO UBSTITUTIONS BY OTHER MANUF. SHALL BE ALLOWED AFTER PLAN CHECK. ALL
		\mathbf{n}	T. L/	RUSSES TO BE PLACED, ERECTED AND BRACED PER TRUSS MANUF. SPECS. ALL AYOUT/PLANS BY TRUSS SUPPLIERS SHALL SUPERSEDE LAYOUT DRAWINGS BY A&E
			D 16. G 11	ESIGN SERVICES. REENBLOCK FOUNDATION, DOVETAIL LOG PACKAGES, PRODUCTS SHALL BE
			17. S 18. H	TAIRS REQUIRED 10" MIN. TREAD AND 7-3/4" MAX. RISE. ANDRAILS TO BE 34" HIGH; GUARDRAILS TO BE 36" HIGH; w/ 2"Ø PICKETS
			5. 19. A	PACED w/ NO MORE THAN 4" CLEAR SPACE BETWEEN. LL FIREPLACE OPENINGS SHALL BE PROVIDED W/ TEMPERED GLASS DOORS.
			PI Li C	ROVIDE OUTSIDE COMBUSTION AIR FOR FIREPLACES, WOOD STOVES, AND IQUID FUEL HEATING APPLIANCES. DIRECT VENT GAS FIREPLACES TO BE GA/ICC/ULLISTED
900	0.0 O -		20. A 21. H	LL PLUMBING WALL TO BE 2x6 CONSTRUCTION. U.N.O. OLES DRILLED FOR ELECTRICAL, PLUMBING, AND FIXTURES SHALL NOT
			C M	OMPROMISE THE STRUCTURAL INTEGRITY OF THE MATERIAL. SEE SPECS FOR IICRO=LAMS, AND TJI MATERIALS.
			22. L S	OG ROOF RAFTERS, STRUCTURAL PANELS, STEEL BEAMS, GIRDER & JOIST SYSTEM, FOUNDATION, COLUMN AND STRUCTURAL POSTS TO BE DESIGNED
			А 23. А	ND/OR VERIFIED BY ENGINEER. ALL STRUCTURAL POSTS SHALL BE SUPPORTED WITHIN WALLS WHEREVER
			Pi 24. II	OSSIBLE W/ ADDITIONAL HORIZONTAL BRACING. NSTALL INVERTED FLOOR JOIST HANGERS TO THE RIM JOIST IN CANTILEVERED
			A Ił	REAS WHERE A DECK IS CURRENTLY DESIGNED TO ATTACH TO THE RIM JOIST, OR F A FUTURE DECK COULD BE ATTACHED TO THE RIM JOIST.
900	0.0 G		25. T Fl	OP OF ALL WINDOWS (BTM OF HEADER) TO BE 6'-8 " FROM FINISHED LOOR. (U.N.O.)
			26. A A 27 A	IL OPENINGS OP TO THE WIDTH OF 48 ARE TO USE I-KING & I-TRIMMER STOD T EA. SIDE (U.N.O.) N.L. OPENINGS BETWEEN THE WIDTHS OF 48" & 66" ARE TO USE 2-KING &
			27. A 2 ⁷ 28. A	-TRIMMER STUDS AT EA. SIDE (U.N.O.) ALL OPENINGS OVER THE WIDTH OF 66" ARE TO USE 3-KING & 3-TRIMMER STUDS
		J	A <u>F</u>	T EA. SIDE (U.N.O.) RAMING LUMBER:
			A) 2x B) 2x	x4 (U.N.O.) SILL PLATES: CONST. REDWOOD Fb=825; Ft=475; Fc=925; E=900,000; Fv=160 x6 DECKING #2 REDWOOD OPEN GRAIN: Fb 725; Ft=425; Fc=700; E=1,200,000; Fv=160
			C) 2x D) 2x F) 2x	<pre>{4 PLATE MATERIAL: HEM-FIR STD AND BIR: FD=550; Ft=325; Fc=1300; E=1,200,000; Fv=15 x4 STUD MATERIAL: HEM FIR STUD GRADE: Fb=650; Ft=400; Fc=800; E=1,200,000; Fv=150 x6 AND LARGER: HEM FIR #2 & BTR: Fb=850: Ft=525: Fc=1300: F=1 300 000: Fv=150</pre>
			F) 4X G) Bl	(4 AND LARGER: HEM FIR #1 & BTR: Fb=1400;Ft=925; Fc=1500; E=1,600,000; Fv=150 EAMS & STRINGERS: HEM FIR SS: Fb=1300; Fc=925; E=1,300,000; Fv=70
			H) 2) I) 4X	X6 AND LARGER: DOUG FIR - LARCH #2 AND BTR: Fb=900; Ft=575; Fc=1350; E=1,600,000; FV=1 (4 POSTS: WESTERN CEDAR #2: Fb=700; Ft=425; Fc=650; E=1,000,000; Fv=155
			J) 6X K) 4X I) 6V	to PUSIS: WESTERN CEDAR #2: FD=625; Ft=325; Fc=475; E=800,000; Fv=144 K4 POSTS: REDWOOD #2: Fb=925; Ft=525; Fc=950; E=1,200,000; Fv=160 K6 POSTS AND LARGER: REDWOOD #2: Fb=975: Ft=650: Fc=900: E=1 100 000: Ev=145
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_	₽ ⁴⁵)		
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STRUCTURAL NOTES (SOME NOTES NOT USED)

30. "TIMBERSTRAND LSL" BY 'TRUSS-JOIST' MacMillan ARE DESIGNED WITH THE FOLLOWING MINIMUM UNIT STRESSES: 1.3E TIMBERSTRAND LSL A) SHEAR MOD. OF ELAS. G=81,250 PSI *E*=1,300,000 *PSI* B) MODULUS OF ELAS. C) FLEXURAL STRESS *Fb=1,700 PSI* D) COMP. PERP. TO GRAIN PARALLEL TO WIDE FACE OF STRANDS Fcl=680 PSI D) COMP. PARALLEL TO GRAIN Fcll=1,400 PSI 1.5E TIMBERSTRAND LSL A) SHEAR MOD. OF ELAS. G=93,750 PSI B) MODULUS OF ELAS. *E=1,500,000 PSI* C) FLEXURAL STRESS Fb=2,250 PSI D) COMP. PERP. TO GRAIN PARALLEL TO WIDE FACE OF STRANDS Fcl=750 PSI D) COMP. PARALLEL TO GRAIN Fcll=1,950 PSI 31. "MICRO-LAMS" BY 'TRUSS-JOIST' MacMillan ARE DESIGNED WITH THE FOLLOWING MINIMUM UNIT STRESSES: A) SHEAR MOD. OF ELAS. G=118,750 PSI B) MODULUS OF ELAS. *E*=1,900,000 *PSI* C) FLEXURAL STRESS *Fb=2,600 PSI* D) COMP. PERP. TO GRAIN Fcl=750 PSI 32. PRE-ENGINEER TRUSSES SHALL BE DESIGNED AND FABRICATED UNDER THE SUPERVISION OF A COLORADO LICENSED PROFESSIONAL STRUCTURAL ENGINEER FOR THE LOADS AND CONDITIONS SPECIFIED ON DRAWINGS. TRUSS FABRICATOR TO DESIGN TRUSSES PER 2009 IRC. 33. PLYWOOD SHALL CONFORM TO AMERICAN PLYWOOD ASSOCIATION'S CURRENT PRODUCT STANDARD SPECIFICATION AND SHALL BE PERFORMANCE RATED BY THE AMERICAN PLYWOOD ASSOCIATION TO THE GRADES SPECIFIED. A) ROOF SHEATHING SHALL BE 1/2" APA 24/16 EXPOSURE I RATED PLYWOOD. NAIL WITH 10d NAILS 6" O/C. @ PANEL PERIMETER AND @ 12" O/C. @ INTERMEDIATE FRAMING. B) FLOOR SHEATHING SHALL BE 3/4" APA 48/24, EXPOSURE I RATED TONGUE AND GROOVE PLYWOOD. OR OSB GLUE AND SCREW WITH #8 WOOD SCREWS @ 6" O/C @ PANEL PERIMETER AND @ 10" O/C @ INTERMEDIATE FRAMING. 34. SHEATH ALL EXTERIOR WALLS PER IRC R602.3(1). OR AS NOTED. 35. PROVIDED RIM JOIST OR SOLID BLOCKING UNDER ALL BEARING POINTS. BLOCKING UNDER POSTS LARGER THAN 2-2x4's MUST BE FULL AREA OF POST. 36. METAL CONNECTIONS SPECIFIED ON DRAWINGS TO BE "SIMPSON" STRONG-TIE OR EQUAL. *37. MULTIPLE MEMBERS (2 OR MORE) AND ALL MICRO-LAM SHALL BE GLUED* AND NAIL TOGETHER PER NDS STANDARDS. SIDE MOUNTED BEAMS MAY REQUIRE BOLTING SEE MANUF.SPECS. *38. NAILING PER INTERNATIONAL BUILDING CODE TABLE 2304.9.1; AS SHOWN* ON DRAWINGS; OR AS SPECIFIED BY MANUF. (SIMPSON, TRUS JOIST, ETC.) *39. LAMINATED BEAMS: (GLU=LAM)* A) ALL LAMINATED MEMBERS SHALL BE FABRICATED WITH DOUGLAS FIR. B) LAMINATED MEMBERS SHALL BE DETAILED AND FABRICATED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR THE DESIGN AND FABRICATIONS OF STRUCTURAL GLUED LAMINATED LUMBER, PUBLISHED BY THE A.L.T.C. AND THE APPROPRIATE LUMBER PRODUCER'S ASSOCIATION. C) ALLOWABLE UNIT STRESSES REQUIRE FOR DRY CONDITIONS OF USE FOR LAMINATED MEMBERS ARE AS FOLLOWS: (UNLESS SPECIFIED OTHERWISE ON PLAN) (COMBINATION SYMBOL: 24F-V4) a) BENDING 1450 PSI b) HORIZONTAL SHEAR 240 PSI c) COMPRESSION PERP. GRAIN, 560 PSI d) COMPRESSION PARALLEL TO GRAIN650 PSI e) MODULUS OF ELASTICITY 1,800,000 D) LAMINATED MEMBERS SHALL BE BUILT UP USING 2" NOMINAL MATERIAL, LAMINATED MEMBERS SIZE NOTED ARE NET. E) MEMBERS EXPOSED TO VIEW SHALL BE FURNISHED IN "ARCHITECTURAL" APPEARANCE GRADE. MEMBERS TO BE CONCEALED BY FINISH MATERIALS OR CEILINGS MAY BE "INDUSTRIAL GRADE". F) ADHESIVE USED SHALL COMPLY WITH THE SPECIFICATIONS AS CONTAINED IN VOLUNTARY PRODUCT STANDARD PS56-73, STRUCTURAL GLUED LAMINATED TIMBER. WET-USE ADHESIVE ARE TO BE USED FOR ALL MEMBERS EXPOSED TO THE WEATHER. *40. STEEL:* A) ALL STRUCTURAL STEEL SHALL CONFORM TO ASTM A36 EXCEPT PIPE COLUMNS SHALL CONFORM TO ASTM A53 (GRADE B) OR A501.

B) ADJUSTABLE PIPE COLUMNS TO BE 11 GA. MINIMUM AND BE LOAD RATED FOR 14,600 LBS. MINIMUM @ 7'-0" HEIGHT. ADJUSTABLE COLUMNS SHALL CONFORM TO "USE MATERIALS BULLETIN UM-24B"

GENERAL NOTES TO EXTERIOR

- CALC. ON ROOF FRAMING SHEETS)
- WITHIN 18" OF GROUND.
- FINISHES ETC.

TRUS-JOIST NOTES:

- 1. BRIDGING IS NOT REQUIRED, U.N.O.
- JOIST MATERIAL.
- LIMITATIONS.
- CONTINUOUS SPAN, BEARING WIDTH *JOISTS @ 24" O/C.*

- 9. 2X6 CRIPPLES MUST BE 1/16" LONGER THAN DEPTH OF JOIST.
- FROM END TO AVOID SPLITTING.
- 6" O/C OR 16d (3 1/2") BOX NAILS @ 12" O/C.
- 15. 2x4 MIN. SQUASH BLOCKS: 2-10d (3") BOX NAILS, ONE EACH @ FLANGE.
- TJI JOIST TOP FLANGE.

28 lm

180

1. STUCCO EXTERIOR VENEER SHALL BE APPLIED PER IRC. 2. ALL GRADES SHALL SLOPE AWAY FROM STRUCTURE A MINIMUM C 10' & SHALL CONFORM TO ALL LOCAL REQUIREMENTS. INDICATE SOILS REPORT SHALL GOVERN SLABS, FOUNDATION DRAINAGE. 3. OVERHANGS SHALL BE 12" (U.N.O.) GABLE ENDS 12" (U.N.O.) PRO

GUTTERS @ ALL OVERHANGS AND DOWN SPOUTS AT ALL CORN WITH TIP OUTS PAST BACKFILL AREAS.

4. ROOF VENTILATION SHALL COMPLY WITH IRC R806.1; R806.2; R8 ALL NOTES ON SECTIONS AND ELEVATIONS SHALL APPLY TO ALL

SECTIONS AND/OR ELEVATIONS OF LIKE OR SIMILAR CONSTRUC 6. ALL DECK MATERIALS SHALL BE PRESSURE TREATED OR REDWOO

7. PROTECT HOUSE FROM MOISTURE W/ FLASHING, CAULKING, AND

2. FOR TEMPORARY INSTALLATION STABILITY USE 1x4 STRAPPING 8 3. REFER TO RESIDENTIAL PRODUCTS REFERENCE GUIDE FOR INSTA

4. REFER TO GUIDE FOR ELECTRICAL AND PLUMBING KNOCK OUT LO

6. WEB STIFFENERS ARE REQUIRED AT INTERMEDIATE SUPPORTS W

IS LESS THAN 5 1/4", AND EITHER SPAN IS GREATER THAN 13'-8"

7. 1 3/4" MIN. BEARING REQUIRED AT JOIST ENDS.

8. 3 1/2" MIN. BEARING AT INTERMEDIATE SUPPORTS.

10. TJI @ BEARING: 2-10d (3") BOX OR 12d (3 1/4") BOX NAILS 1 EA.

11. BLOCKING PANELS OR RIM JOISTS 10d (3") BOX NAILS @ 6" O/C.

12. TIMBERSTRAND, MICRO=LAM, OR LVL RIM JOISTS TOENAIL W/ 10

13. RIM JOIST 1 3/4" WIDTH OR LESS 2-10d (3") BOX NAILS, ONE EA BOTTOM FLANGE. (SECOND FLOOR AREA).

16. WEB STIFFENERS REQUIRED IF SIDES OF HANGERS DO NOT LATE

0		A		
OF 10%, OR 1' IN ED IN SOILS REPORT. OVIDE 5" MIN. IERS OR 30' INTERVALS 806.3 (SEE OTHER CTION. DD IF	Al ARCH COL	E LEUKEN ITECTURAL EN 1122 N. EL PASO ORADO SPRINGS CO PHONE : (719) 398	ST 0, 80903 1155	-
R' O/C. ALLATION OF TRUSS OCATIONS AND SIZE (HERE JOISTS ARE FOR 11-7/8" TJI A. SIDE, 1 1/2" MIN C Od (3") BOX NAILS @ ACH @ TOP AND TOP AND BOTTOM ERALLY SUPPORT THE		MILE HIGH ROSE LLC 180 COUNTY RD 599 WALSENBURG, CO 81089	DESCRIPTION	
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