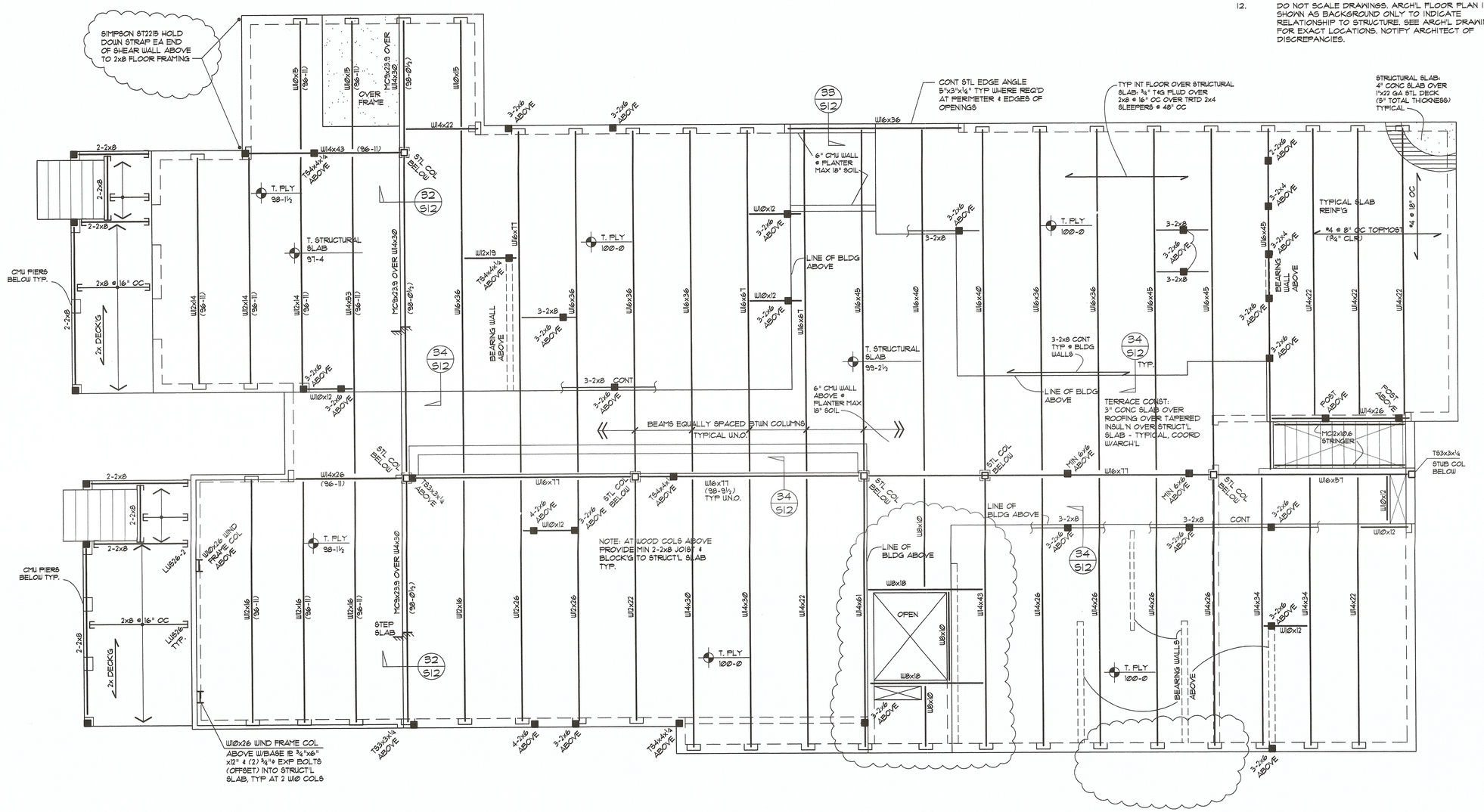
REVISIONS:
GARAGE ELEVATOR
JULY 16, 2007
CONSTRUCTION
AUGUST 20, 2007

PLAN NOTES

1. ■ COLUMN ABOVE
2. □ COLUMN BELOW
3. JOIST BEARING
4. JOIST OR BEAM HANGER, LUS TYPE U. N. O.
5. STEP IN CONCRETE OR PLYWOOD SURFACE
6. (99-0) TOP OF BEAM ELEVATION
7. ALL COLUMNS SHALL BE 3-2X6 U. N. O.
8. ALL HEADERS SHALL BE 3-2X8 U.N.O. PROVIDE DOUBLE TRIM STUDS AT OPENINGS WIDER THAN 6'-0"
9. SHEAR WALL PANELS AS SHOWN SHALL BE 1/2" PLWD SEE GSN FOR NAILING & OTHER INFORMATION.
10. FLOOR SHEATHING SHALL BE 3/4" T&G PLYWD GLUED AND NAILED. SEE GSN FOR NAILING & OTHER INFO
11. SLOPED ROOF SHEATHING SHALL BE 5/8" PLYWD, FLAT ROOF SHEATHING SHALL BE 3/4" PLYWD, SEE GSN FOR NAILING & OTHER INFO
12. DO NOT SCALE DRAWINGS. ARCH'L FLOOR PLAN IS SHOWN AS BACKGROUND ONLY TO INDICATE RELATIONSHIP TO STRUCTURE. SEE ARCH'L DRAWINGS FOR EXACT LOCATIONS. NOTIFY ARCHITECT OF DISCREPANCIES.



LEVEL 1/ TERRACE FRAMING PLAN

1/4" = 1' - 0"

NOTE: SEE SHEETS S11 & S12 FOR TYPICAL FRAMING DETAILS.

smart living designs
Post Office Box 2101 164M Society Drive Society Turn Business Center Telluride, Colorado 81435 970.728.6241 ph/fax

COLORADO REGISTERED PROFESSIONAL ENGINEER
28480
8/20/07

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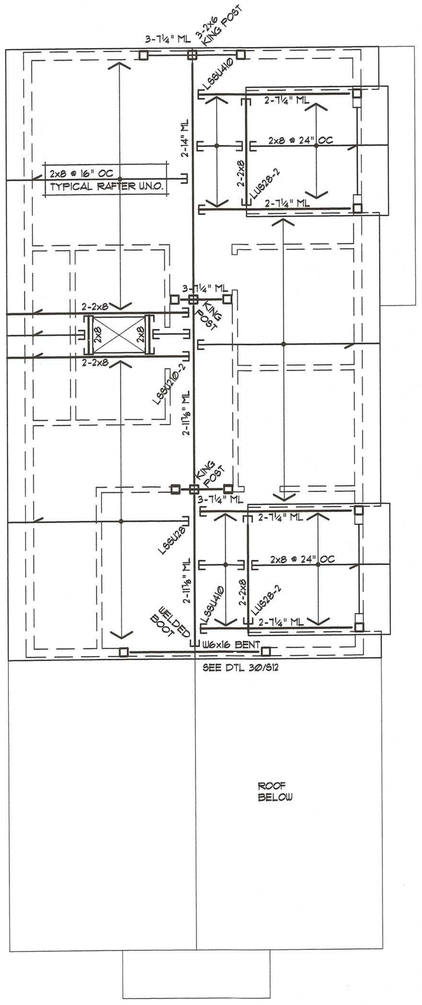
Carbondale, CO 81623
(970) 963-3181

WEST PACIFIC CAMPUS
565, 573 W. Pacific Ave.
Town of Telluride
Colorado, 81435

BUILDING PERMIT
JANUARY 31, 2006

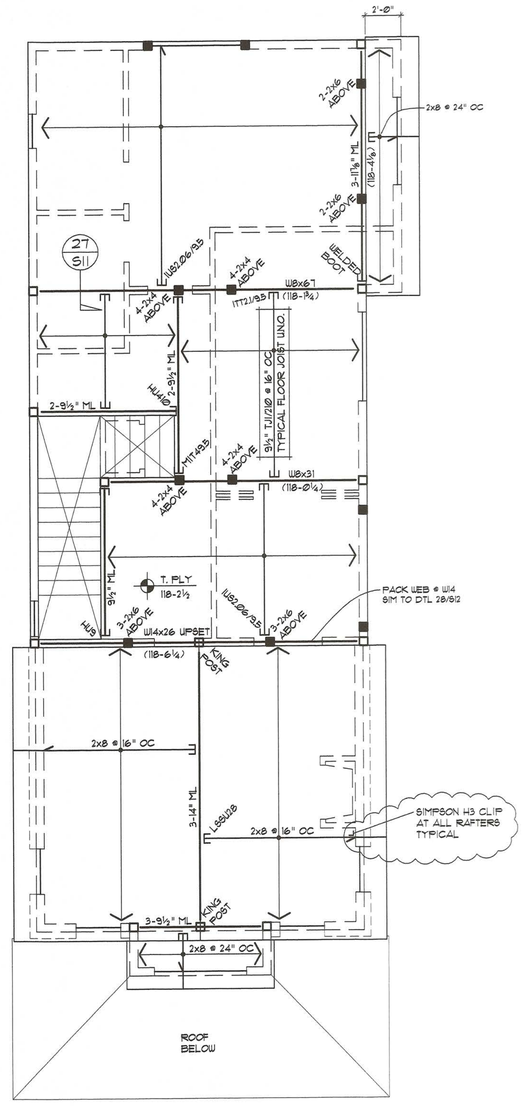
S2
LEVEL 1/TERRACE FRAMING PLAN



ROOF FRAMING PLAN

1/4" = 1' - 0"

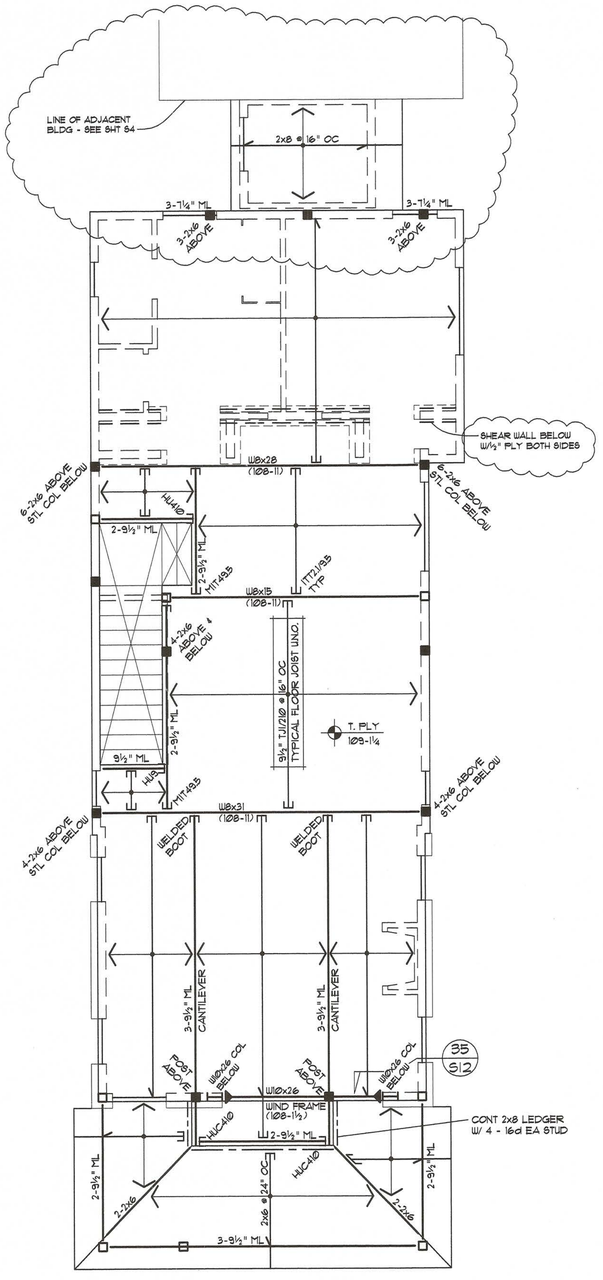
NORTH



LEVEL 3 FRAMING PLAN

1/4" = 1' - 0"

NORTH



LEVEL 2 FRAMING PLAN

1/4" = 1' - 0"

NORTH

PLAN NOTES

1. ■ COLUMN ABOVE
2. □ COLUMN BELOW
3. JOIST BEARING
4. JOIST OR BEAM HANGER, LUS TYPE U. N. O.
5. STEP IN CONCRETE OR PLYWOOD SURFACE
6. [99-0] TOP OF BEAM ELEVATION
7. ALL COLUMNS SHALL BE 3-2X6 U. N. O.
8. ALL HEADERS SHALL BE 3-2X8 U.N.O. PROVIDE DOUBLE TRIM STUDS AT OPENINGS WIDER THAN 6'-0"
9. SHEAR WALL PANELS AS SHOWN SHALL BE 1/2" PLWD SEE GSN FOR NAILING & OTHER INFORMATION.
10. FLOOR SHEATHING SHALL BE 3/4" T&G PLYWD GLUED AND NAILED. SEE GSN FOR NAILING & OTHER INFO
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12. DO NOT SCALE DRAWINGS. ARCH'L FLOOR PLAN IS SHOWN AS BACKGROUND ONLY TO INDICATE RELATIONSHIP TO STRUCTURE. SEE ARCH'L DRAWINGS FOR EXACT LOCATIONS. NOTIFY ARCHITECT OF DISCREPANCIES.

NOTE: SEE SHEETS S11 & S12 FOR TYPICAL FRAMING DETAILS.

REVISIONS:
GARAGE ELEVATOR
JULY 10, 2007
CONSTRUCTION
AUGUST 20, 2007

smart living designs
Post Office Box 3201 1641 Society Drive Society Turn Business Center Telluride, Colorado 81435 970.728.0841 ph/fax

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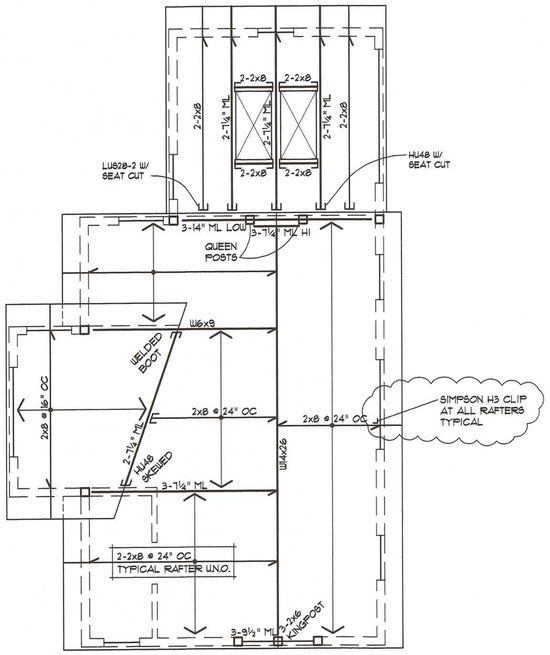
Town of Telluride
Colorado, 81435

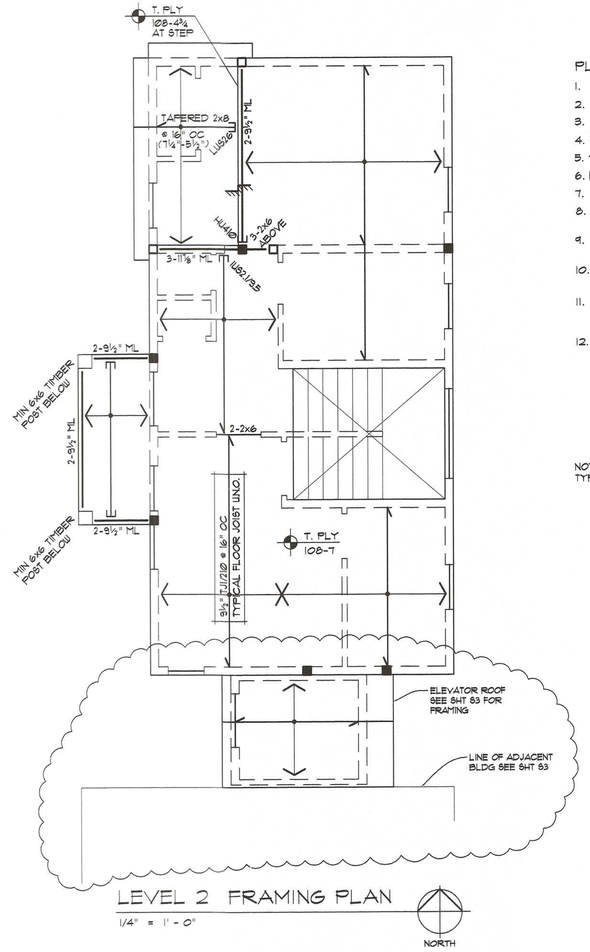
BUILDING PERMIT
JANUARY 31, 2006

S3
PACIFIC HOUSE FRAMING PLANS

REVISIONS:
CONSTRUCTION
AUGUST 28, 2007



ROOF FRAMING PLAN
1/4" = 1' - 0"
NORTH



LEVEL 2 FRAMING PLAN
1/4" = 1' - 0"
NORTH

PLAN NOTES

1. ■ COLUMN ABOVE
2. □ COLUMN BELOW
3. ⟋ JOIST BEARING
4. E—— JOIST OR BEAM HANGER, LUS TYPE U. N. O.
5. STEP IN CONCRETE OR PLYWOOD SURFACE
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NOTE: SEE SHEETS S11 & S12 FOR TYPICAL FRAMING DETAILS.

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COLORADO REGISTERED 28480 PROFESSIONAL ENGINEER 8/28/07

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WEST PACIFIC CAMPUS
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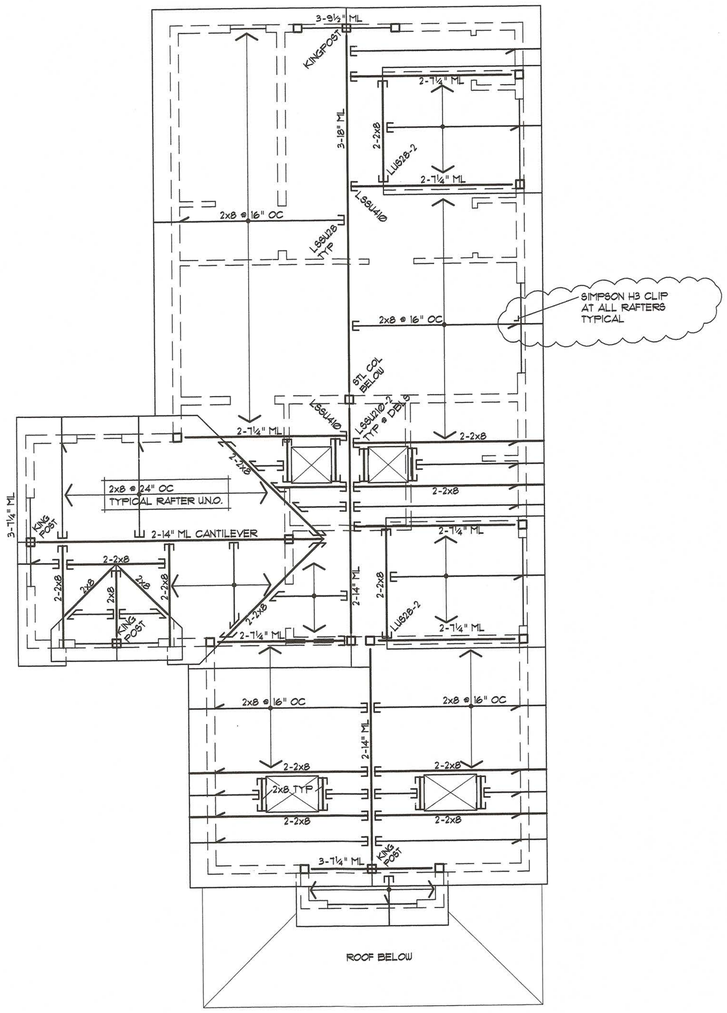
Colorado, 81435

BUILDING PERMIT
JANUARY 31, 2006

S4
ALLEY HOUSE FRAMING PLANS

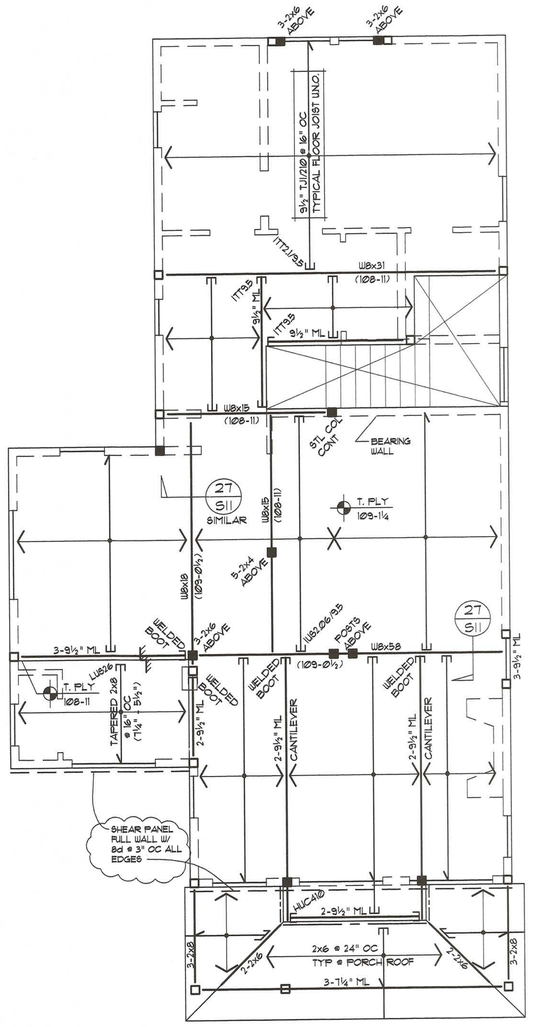


ROOF FRAMING PLAN

1/4" = 1' - 0"

PACIFIC HOUSE LOT 18

NORTH



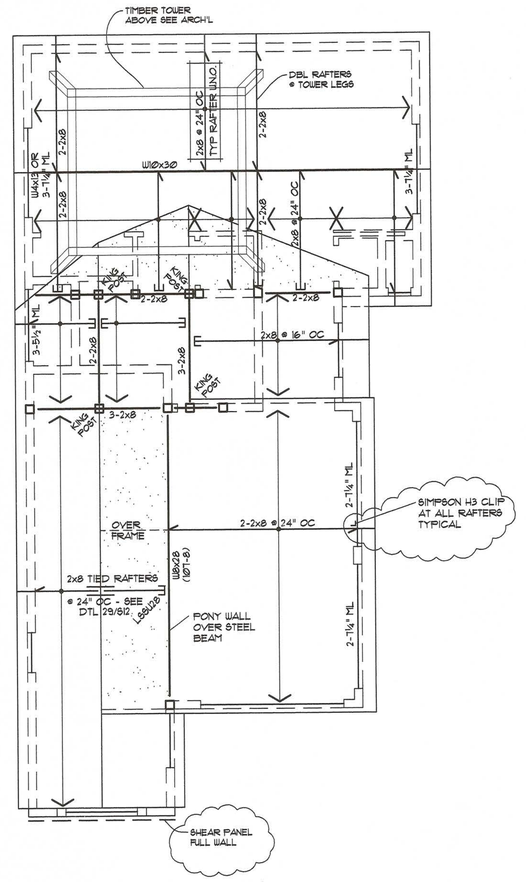
LEVEL 2 FRAMING PLAN

1/4" = 1' - 0"

PACIFIC HOUSE LOT 18

NORTH

NOTE: SEE SHEETS S11 & S12 FOR TYPICAL FRAMING DETAILS.



ROOF FRAMING PLAN

1/4" = 1' - 0"

LICENSE PLATE SHED

NORTH

PLAN NOTES

1. ■ COLUMN ABOVE
2. □ COLUMN BELOW
3. JOIST BEARING
4. JOIST OR BEAM HANGER, LUS TYPE U. N. O.
5. STEP IN CONCRETE OR PLYWOOD SURFACE
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12. DO NOT SCALE DRAWINGS. ARCH'L FLOOR PLAN IS SHOWN AS BACKGROUND ONLY TO INDICATE RELATIONSHIP TO STRUCTURE. SEE ARCH'L DRAWINGS FOR EXACT LOCATIONS. NOTIFY ARCHITECT OF DISCREPANCIES.

MIKE THELE, PE
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(970) 963-3181

COLORADO REGISTERED PROFESSIONAL ENGINEER
28480
8/20/07

REVISIONS:
CONSTRUCTION
AUGUST 20, 2007

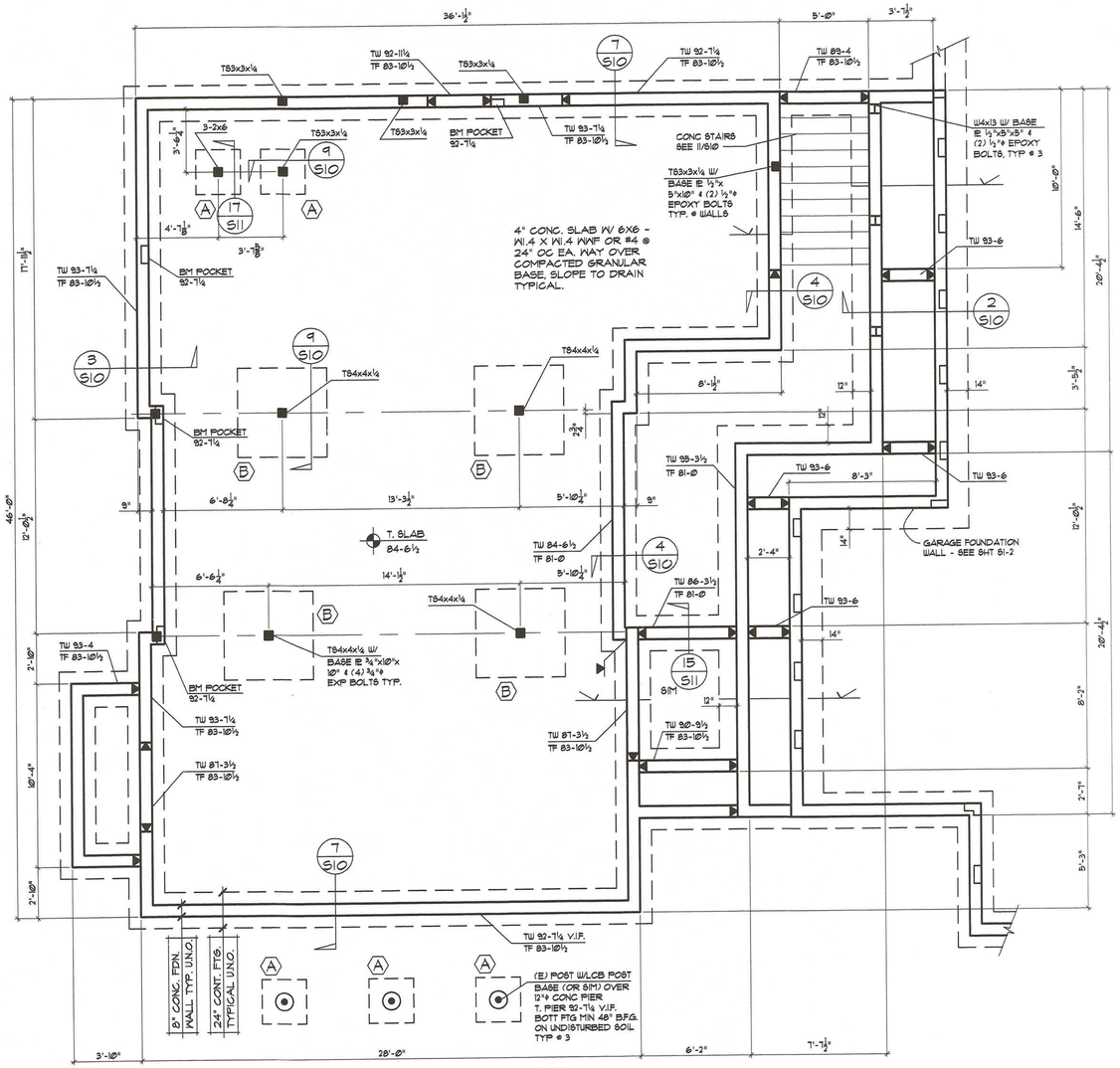
smart living designs
Post Office Box 3101 1641 Society Drive Society Turn Business Center Telluride, Colorado 81435 970.728.0241 ph/fax

WEST PACIFIC
CAMPUS LOT 18

571 W. Pacific Ave.
Town of Telluride
Colorado, 81435

BUILDING PERMIT
JANUARY 31, 2006

S5
LOT 18
FRAMING PLANS

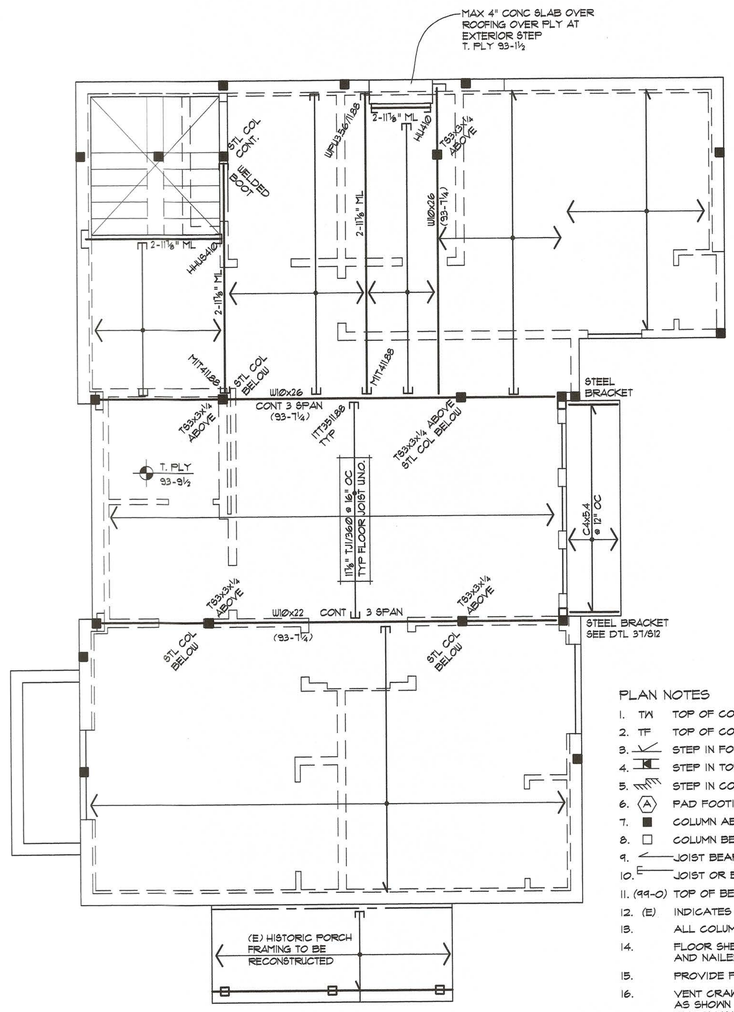


FOUNDATION PLAN

1/4" = 1' - Ø"

NORTH

PAD FOOTING SCHEDULE		
MARK	SIZE	REINFORCING
Ⓐ	2'-6" X 2'-6" X 12"	3 - #5 EA. WAY
Ⓑ	5'-Ø" X 5'-Ø" X 12"	5 - #5 EA. WAY



MAIN FLOOR FRAMING PLAN

1/4" = 1' - Ø"

NORTH

NOTE: SEE SHEETS S11 & S12 FOR TYPICAL FRAMING DETAILS.

PLAN NOTES

1. TW TOP OF CONCRETE WALL ELEVATION
2. TF TOP OF CONCRETE FOOTING ELEVATION
3. STEP IN FOOTING ELEVATION
4. STEP IN TOP OF WALL ELEVATION
5. STEP IN CONCRETE OR PLYWOOD SURFACE
6. Ⓐ PAD FOOTING MARK, SEE SCHEDULE ON PLAN
7. ■ COLUMN ABOVE
8. □ COLUMN BELOW
9. JOIST BEARING
10. JOIST OR BEAM HANGER, LUS TYPE U. N. O.
11. (99-Ø) TOP OF BEAM ELEVATION
12. (E) INDICATES EXISTING CONSTRUCTION
13. ALL COLUMNS SHALL BE 3-2X6 U. N. O.
14. FLOOR SHEATHING SHALL BE 3/4" T&G PLYWD GLUED AND NAILED. SEE GSN FOR NAILING & OTHER INFO
15. PROVIDE FOUNDATION DRAIN PER ARCH'L DETAILS
16. VENT CRAWLSPACE AREAS PER UBC SECTION 2311 OR AS SHOWN ON ARCH'L DRAWINGS. PROVIDE BLOCKOUTS IN FDN WALLS AS REQ'D. SEE GSN FOR REINFORCING
17. DO NOT SCALE DRAWINGS. NOTIFY ARCHITECT OF DISCREPANCIES.

REVISIONS:
CONSTRUCTION / PERMIT REVIEW SET
JUNE 6, 2007
CONSTRUCTION
AUGUST 20, 2007

smart living designs
Post Office Box 3201 16-A1 Society Drive Society Turn Business Center Telluride, Colorado 81435 970.728.0841 ph/fax

COLORADO REGISTERED PROFESSIONAL ENGINEER
23480
2/20/07

MIKE THELE, PE
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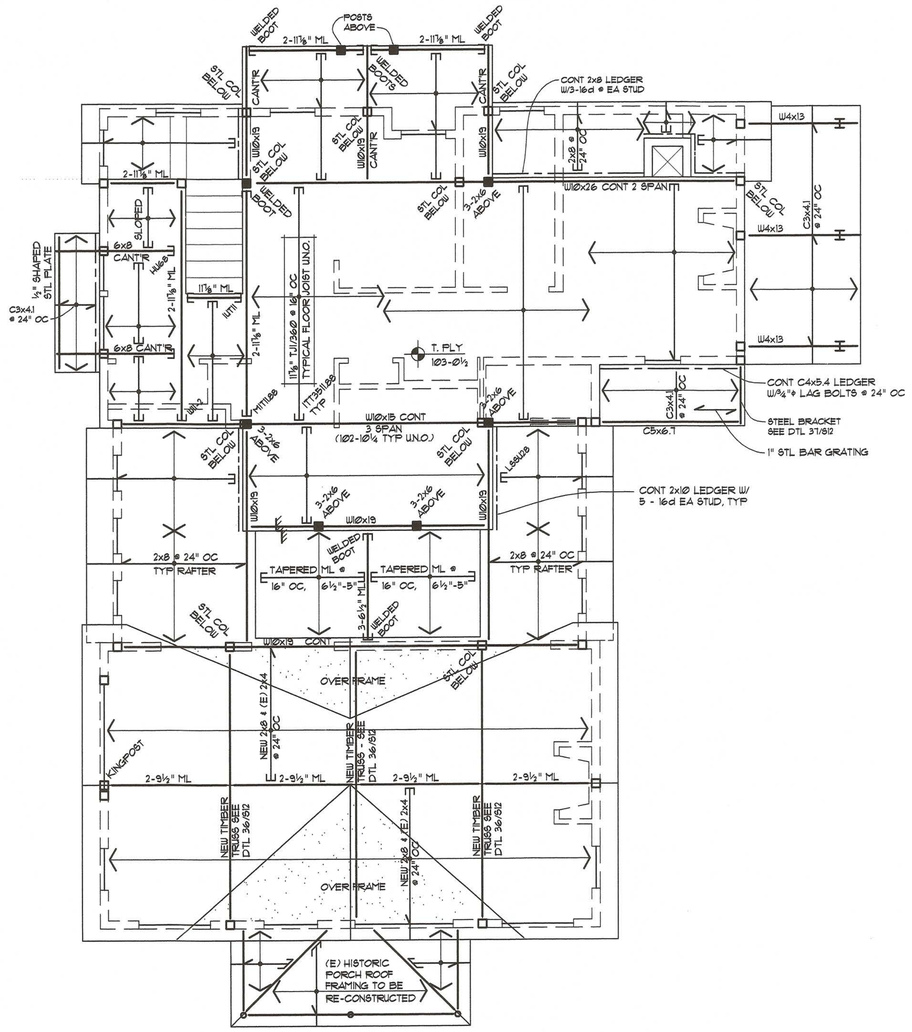
WEST PACIFIC CAMPUS
PROJECT #0628
573 W. Pacific Ave.
Town of Telluride
Colorado, 81435

BUILDING PERMIT
JANUARY 31, 2006

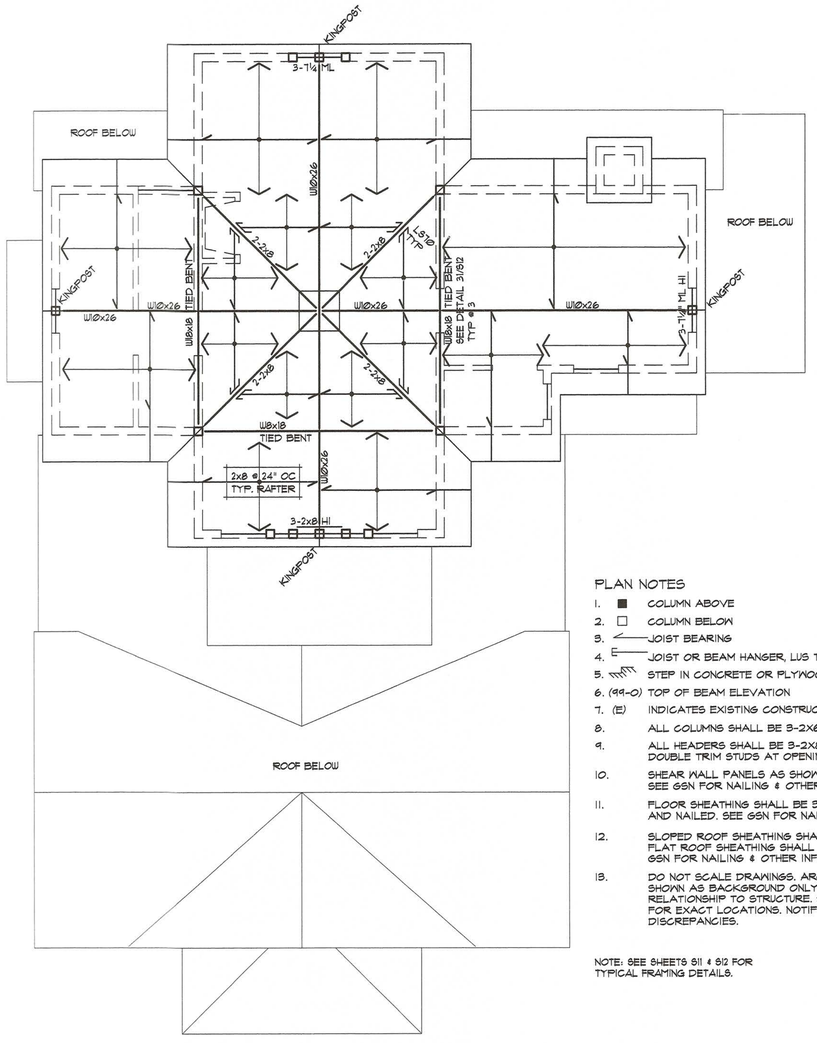
S6
TAVERN FRAMING & FOUNDATION PLANS



UPPER FLOOR & LOWER ROOF FRAMING PLAN

1/4" = 1' - 0"

NORTH



UPPER ROOF FRAMING PLAN

1/4" = 1' - 0"

NORTH

PLAN NOTES

1. ■ COLUMN ABOVE
2. □ COLUMN BELOW
3. ← JOIST BEARING
4. ⊢ JOIST OR BEAM HANGER, LUS TYPE U. N. O.
5. STEP IN CONCRETE OR PLYWOOD SURFACE
6. (99-0) TOP OF BEAM ELEVATION
7. (E) INDICATES EXISTING CONSTRUCTION.
8. ALL COLUMNS SHALL BE 3-2X8 U. N. O.
9. ALL HEADERS SHALL BE 3-2X8 U.N.O. PROVIDE DOUBLE TRIM STUDS AT OPENINGS WIDER THAN 6'-0"
10. SHEAR WALL PANELS AS SHOWN SHALL BE 1/2" PLWD SEE GSN FOR NAILING & OTHER INFORMATION.
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NOTE: SEE SHEETS S11 & S12 FOR TYPICAL FRAMING DETAILS.

REVISIONS:
CONSTRUCTION / PERMIT REVIEW SET
JUNE 6, 2007

CONSTRUCTION
AUGUST 20, 2007

smart living designs
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COLORADO REGISTERED 29480 PROFESSIONAL ENGINEER
9/12/07

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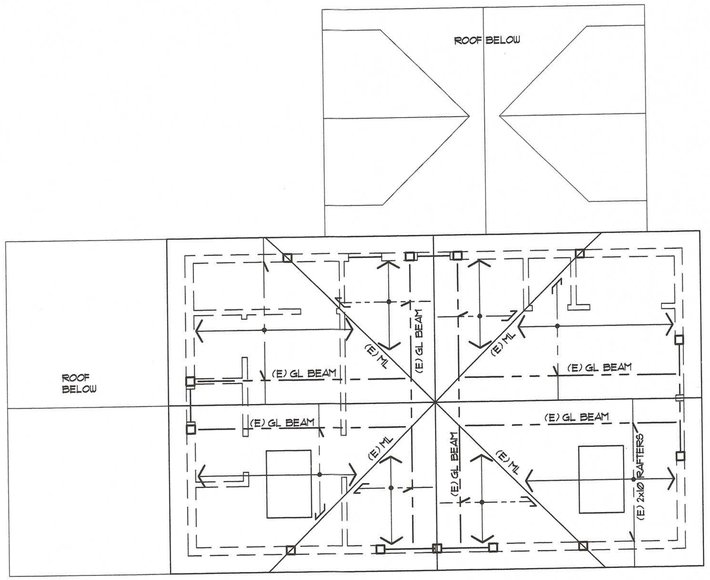
Carbondale, CO 81623
(970) 963-3181

WEST PACIFIC CAMPUS
PROJECT #0605
573 W. Pacific Ave.
Town of Telluride
Colorado, 81435

BUILDING PERMIT
JANUARY 31, 2006

S1

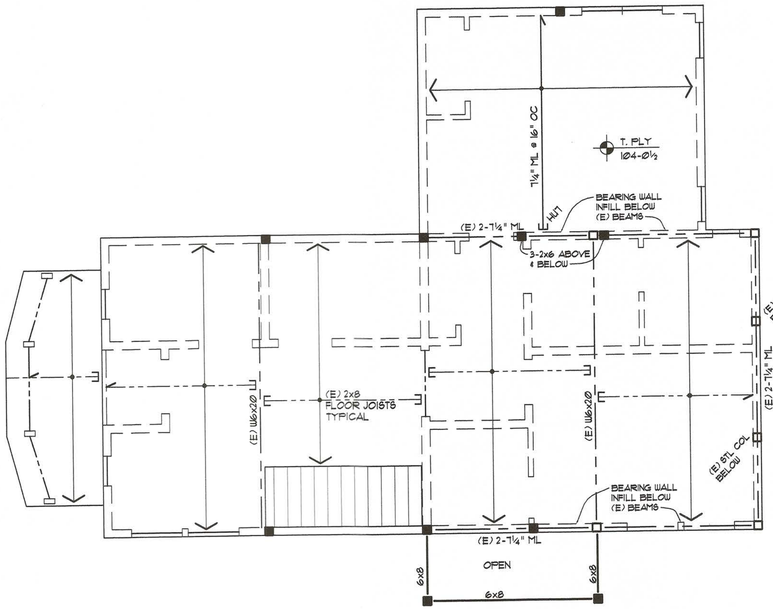
TAVERN FRAMING PLANS



EXISTING ROOF FRAMING PLAN

1/4" = 1' - 0"

NORTH



LEVEL TWO FRAMING PLAN

1/4" = 1' - 0"

NORTH

PLAN NOTES

1. TW TOP OF CONCRETE WALL ELEVATION
2. TF TOP OF CONCRETE FOOTING ELEVATION
3. STEP IN FOOTING ELEVATION
4. STEP IN TOP OF WALL ELEVATION
5. STEP IN CONCRETE OR PLYWOOD SURFACE
6. (A) PAD FOOTING MARK, SEE SCHEDULE ON PLAN
7. ■ COLUMN ABOVE
8. □ COLUMN BELOW
9. JOIST BEARING
10. JOIST OR BEAM HANGER, LUS TYPE U. N. O.
11. (100-0)TOP OF BEAM ELEVATION
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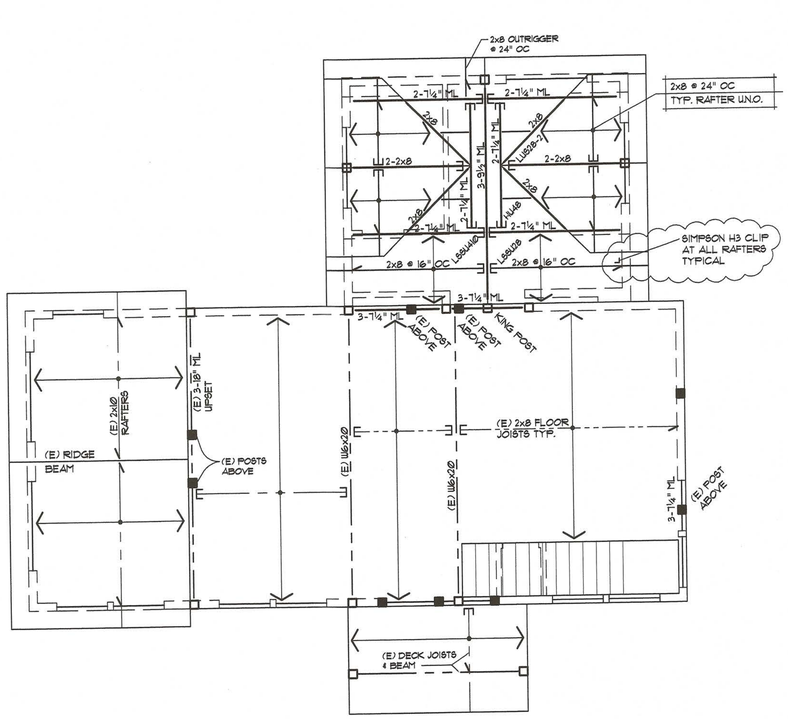
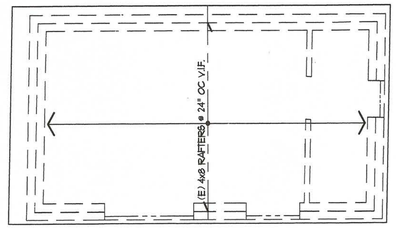
16. PROVIDE FOUNDATION DRAIN PER ARCH'L DETAILS
17. VENT CRAWLSPACE AREAS PER UBC SECTION 2516 OR AS SHOWN ON ARCH'L DRAWINGS. PROVIDE BLOCKOUTS IN FDN WALLS AS REQ'D. SEE GSN FOR REINFORCING
18. DO NOT SCALE DRAWINGS. ARCH'L FLOOR PLAN IS SHOWN AS BACKGROUND ONLY TO INDICATE RELATIONSHIP TO STRUCTURE. SEE ARCH'L DRAWINGS FOR EXACT LOCATIONS. NOTIFY ARCHITECT OF DISCREPANCIES.

NOTE: SEE SHEETS S11 & S12 FOR TYPICAL FRAMING DETAILS.

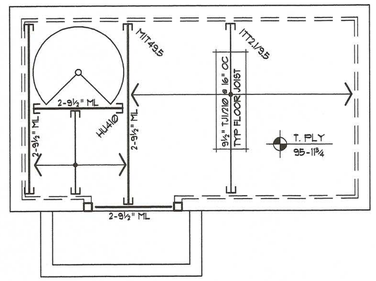

2x8 OUTRIGGER @ 24" OC
2x8 @ 24" OC TYP. RAFTER U.N.O.
2-7¼" ML
2-7¼" ML
2-7¼" ML
3-3½" ML
2-7¼" ML
2-7¼" ML
2-7¼" ML
2-7¼" ML
2-7¼" ML
2x8
2x8
2x8



ROOF FRAMING PLAN

1/4" = 1' - 0"

NORTH



FLOOR FRAMING PLAN

1/4" = 1' - 0"

NORTH

PLAN NOTES

1. TW TOP OF CONCRETE WALL ELEVATION
2. TF TOP OF CONCRETE FOOTING ELEVATION
3. STEP IN FOOTING ELEVATION
4. STEP IN TOP OF WALL ELEVATION
5. STEP IN CONCRETE OR PLYWOOD SURFACE
6. (A) PAD FOOTING MARK, SEE SCHEDULE ON PLAN
7. ■ COLUMN ABOVE
8. □ COLUMN BELOW
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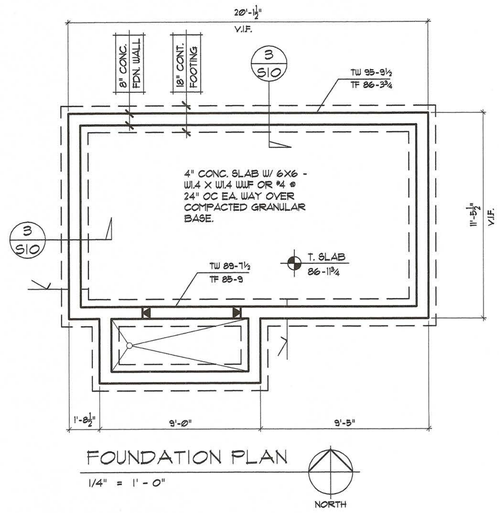
NOTE: VERIFY FOUNDATION LAYOUT WITH EXISTING SHED. EXISTING SHED WALLS MAY BE OUT OF SQUARE AND IRREGULAR. OUTSIDE FACE OF LOG WALL MAY OVERHANG OUTSIDE FACE OF FOUNDATION WALL UP TO 1½"



FOUNDATION PLAN

1/4" = 1' - 0"

NORTH

REVISIONS:
CONSTRUCTION
AUGUST 20, 2007

smart livin designs
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COLORADO REGISTERED PROFESSIONAL ENGINEER
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8/20/07

MIKE THELE, PE
Structural
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(970) 963-3181

WEST PACIFIC
CAMPUS LOT 20A

573 W. Pacific Ave.
Town of Telluride
Colorado, 81435

BUILDING PERMIT
JANUARY 31, 2006

S9

EXISTING LOG SHED
STRUCT'L PLANS

G E N E R A L S T R U C T U R A L N O T E S

APPLY UNLESS NOTED OTHERWISE ON DRAWINGS

A. BUILDING AND DESIGN CODES:
GOVERNING: INTERNATIONAL BUILDING CODE 2003
CONCRETE: ACI BUILDING CODE 318-99
STEEL: AISC STEEL CONSTRUCTION MANUAL 9TH EDITION
WOOD: AITC TIMBER CONSTRUCTION MANUAL 4TH EDITION
NATIONAL DESIGN SPECIFICATION 1997 EDITION

B. DESIGN LOADS:
ROOF LIVE LOAD = 75 PSF (SNOW)
FLOOR LIVE LOAD = 40 PSF (RESIDENTIAL)
FLOOR LIVE LOAD = 100 PSF (COMMERCIAL AT TAVERN)
WIND: 90 MPH BASIC WIND SPEED, EXPOSURE B

C. FOUNDATION
THE BUILDING STRUCTURE IS TO BE FOUNDED ON SPREAD CONCRETE FOOTINGS DESIGNED FOR A MAXIMUM ALLOWABLE SOIL BEARING PRESSURE OF 2000 PSF. FOOTINGS MUST BEAR ON PREPARED NATIVE SOILS. SEE SOILS REPORT BY BUCKHORN GEOTECH, MONTROSE, COLORADO, PROJECT #04-090-SEO, DATED APRIL 29, 2004 FOR ADDITIONAL SOILS DATA AND CONSTRUCTION REQUIREMENTS. A REPRESENTATIVE OF THE SOILS ENGINEER SHOULD OBSERVE EXCAVATIONS PRIOR TO CONCRETE PLACEMENT TO EVALUATE BEARING CONDITIONS. PROVIDE FOUNDATION DRAIN AND DEWATERING AS RECOMMENDED BY THE SOILS ENGINEER.

D. CONCRETE:
CONCRETE HAS BEEN DESIGNED AND SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE AMERICAN CONCRETE INSTITUTE BUILDING CODE 318-99. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI IN 28 DAYS. MECHANICALLY VIBRATE ALL CONCRETE WHEN PLACED EXCEPT SLABS ON GRADE. ALL SLABS ON GRADE SHALL HAVE CONTROL JOINTS (KEYED OR SAWCUT) AT A MAXIMUM OF 15'-0" ON CENTER EACH WAY UNLESS SHOWN OTHERWISE ON PLAN. REINFORCING BARS SHALL BE ASTM A615 GRADE 60 FOR BARS #5 & LARGER, GRADE 40 FOR BARS #4 & SMALLER. NO SPLICES OF REINFORCING SHALL BE MADE AND NO WELDING OF REINFORCING SHALL BE PERMITTED EXCEPT AS DETAILED OR AUTHORIZED BY THE STRUCTURAL ENGINEER. LAP SPLICES, WHERE PERMITTED, SHALL BE A MINIMUM OF 36 BAR DIAMETERS UNLESS DETAILED OTHERWISE. PROVIDE CORNER BARS OF EQUAL SIZE AND SPACING AROUND ALL CORNERS AND INTERSECTIONS. DOWEL ALL VERTICAL REINFORCING TO FOUNDATION. PROVIDE 2-#5 BARS WITH A MINIMUM 24" PROJECTION BEYOND THE SIDES OF ALL OPENINGS IN WALLS, BEAMS AND SLABS. PROVIDE ALL ACCESSORIES NECESSARY TO SUPPORT REINFORCING AT POSITIONS SHOWN ON THE PLANS AND DETAILS. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185. LAP WIRE FABRIC REINFORCEMENT ONE FULL MESH PLUS 2" AT SIDES AND ENDS AND WIRE TOGETHER.

PROVIDE CLEAR CONCRETE COVERAGE TO REINFORCING AS FOLLOWS:
CAST AGAINST & PERMANENTLY EXPOSED TO EARTH..... 3"
EXPOSED TO EARTH OR WEATHER - # 6 & LARGER..... 2"
#5 & SMALLER..... 1 1/2"
COLUMNS (TO TIES)..... 1 1/2"
BEAMS (TO STIRRUPS)..... 1 1/2"
FLAT SLAB..... 3/4"
ALL OTHER PER ACI 318-99.

ANCHOR BOLTS FOR BEAM AND COLUMN BEARING PLATES SHALL CONFORM TO ASTM A307 AND BE PLACED WITH SETTING TEMPLATES. EXPANSION BOLTS, WHERE DETAILED OR APPROVED, SHALL BE HILTI KWICK BOLTS OR EQUIVALENT. INSTALL EXPANSION BOLTS PER MANUFACTURERS RECOMMENDATIONS ESPECIALLY IN REGARDS TO SPACING AND EDGE DISTANCES. IF EDGE DISTANCE OR SPACING REQUIREMENTS CANNOT BE MET FOR EXPANSION BOLTS NOTIFY ENGINEER FOR DIRECTION.

DRYPACK GROUT SHALL BE 5000 PSI FIVE STAR OR EMBECO 153 NON SHRINK GROUT OR EQUIVALENT. INSTALL GROUT UNDER BEARING PLATES BEFORE FRAMING MEMBER IS INSTALLED. AT COLUMNS INSTALL GROUT UNDER BEARING PLATES AFTER COLUMN HAS BEEN PLUMBED BUT PRIOR TO FLOOR OR ROOF INSTALLATION.

E. STRUCTURAL STEEL:
ALL STEEL SHALL CONFORM TO ASTM A36 (Fy=36KSI) EXCEPT TUBE STEEL WHICH SHALL CONFORM TO ASTM A500, GRADE B (Fy=46KSI) AND PIPE STEEL WHICH SHALL CONFORM TO ASTM A53, GRADE B. ALL BOLTS SHALL BE ASTM A307 EXCEPT AT FIELD CONNECTIONS AS NOTED BELOW. ALL EXPANSION BOLTS SHALL HAVE CURRENT I.C.B.O. RATING FOR MATERIAL INTO WHICH INSTALLATION TAKES PLACE. ALL SHOP CONNECTIONS SHALL BE WELDED. FIELD SHEAR CONNECTIONS SHALL BE STANDARD FRAMED BEAM CONNECTIONS (TYPE N) WITH MAXIMUM NUMBER OF ASTM A325- 3/4" DIA. BOLTS TO FIT BEAM IN A SINGLE ROW UNLESS SHOWN OTHERWISE IN THE DRAWINGS. ALL WELDERS SHALL MEET THE REQUIREMENTS OF THE AWS STANDARD QUALIFICATION PROCEDURE AND HAVE CURRENT EXPERIENCE IN THE TYPE OF WELD SHOWN ON THE DRAWINGS. ALL WELDING SHALL BE WITH E70 SERIES LOW HYDROGEN RODS. ALL WELDING PER LATEST AWS STANDARDS. STRUCTURAL STEEL SHALL BE DETAILED, FABRICATED AND ERECTED IN ACCORDANCE WITH PROVISIONS OF THE AISC MANUAL OF STEEL CONSTRUCTION AND CODE OF STANDARD PRACTICE. SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW PRIOR TO FABRICATION. SHOP DRAWINGS SHALL DETAIL EACH MEMBER AND CONNECTION AND SHALL INCLUDE LAYOUT OR ERECTION DRAWINGS. PRIME ALL STEEL WITH APPROVED PRIMER, TOUCH UP PAINT AT EXPOSED BOLTS, WELDS AND ABRADED SHOP PAINT AREAS.

F. STEEL DECKING:
STEEL FLOOR FORM DECK SHALL BE 1" DEEP, MIN 32" WIDE, 22 GAGE TYPE C NON-COMPOSITE GALVANIZED STEEL WITH MINIMUM YIELD STRESS OF 33 KSI AND MINIMUM S_+ = 0.130 IN3, I_+ = 0.073 IN4 PER FOOT OF WIDTH. DECK SHALL BE ERECTED IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS AS 3 SPAN MINIMUM AND SHALL BE ATTACHED FOR A MINIMUM DIAPHRAGM SHEAR CAPACITY OF 1800 PLF USING THE FOLLOWING MINIMUM ATTACHMENTS:

WELD DECK TO SUPPORTING MEMBERS WITH 4 - 5/8" DIAMETER PUDDLE WELDS WITH WELD WASHERS PER SHEET AT ENDS, END LAPS AND AT INTERMEDIATE SUPPORTS, AND AT 24" O.C. AT PERIMETER BEAMS AND OPENING EDGES RUNNING PARALLEL TO THE DECK. SIDE SEAM ATTACHMENTS SHALL BE #10 TEK SCREWS AT 24" O.C. ALTERNATE ATTACHMENT METHODS MAY BE SUBMITTED FOR REVIEW AND SHALL BE ACCEPTABLE IF THEY PROVIDE EQUAL OR BETTER DIAPHRAGM SHEAR STRENGTH.

ALL WELDING SHALL BE PERFORMED BY WELDERS EXPERIENCED IN LIGHT GAGE STEEL DECK WORK.

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

STRUCTURAL JOISTS 2X6 & LARGER; NO. 2 OR BETTER
Fb = 850 PSI Fv = 75 PSI E = 1,300,000 PSI

FRAMING STUDS 2X4; STUD OR BETTER
Fb = 675 PSI Fc perp = 405 PSI Fc = 800 PSI

FRAMING STUDS 2X6 & LARGER; NO. 2 OR BETTER
Fb = 850 PSI Fc perp = 405 PSI Fc = 1250 PSI

HEAVY TIMBER FRAMING 5X5 & LARGER; NO. 1 DOUG-FIR
Fb = 1350 PSI Fv = 85 PSI E = 1,600,000 PSI

SIZES SHOWN FOR SAWN LUMBER FRAMING ARE NOMINAL SIZES. PROVIDE SOLID BLOCKING BETWEEN ALL JOISTS AND RAFTERS AT SUPPORTS AND MINIMUM 1X4 CROSS BRIDGING AT NOT MORE THAN 8 ft. OC BETWEEN SUPPORTS EXCEPT AS NOTED OTHERWISE. PROVIDE 2X BRIDGING AT NOT MORE THAN 6'-0" OC FOR STUD WALLS NOT COVERED BY WALL SHEATHING OR COVERINGS MEETING IBC MINIMUM REQUIREMENTS. PROVIDE SOLID BLOCKING TO MATCH POST AT FLOOR & ROOF FRAMING AND OTHER SPACES AS REQUIRED FOR CONTINUOUS BEARING TO BEAM OR FOUNDATION SUPPORT. CONNECTORS SHOWN ON THE DRAWINGS ARE AS MANUFACTURED BY THE SIMPSON CO., SAN LEANDRO, CA. CONNECTORS BY OTHER MANUFACTURERS SHALL BE DEEMED EQUIVALENT IF THEIR RATED CAPACITY IS AT LEAST EQUAL TO THAT OF THE CONNECTOR SPECIFIED. FOLLOW MFRS. RECOMMENDATIONS FOR NAILS AND BOLTS AND FILL ALL HOLES UNLESS SPECIFICALLY SHOWN OTHERWISE. ALL JOIST HANGERS SHALL BE LUS TYPE UNLESS SHOWN OTHERWISE ON THE DRAWINGS. ALL NAILING NOT NOTED SHALL BE ACCORDING TO TABLE 2304.9.1 OF THE IBC. DO NOT NOTCH OR DRILL JOISTS, BEAMS OR LOAD BEARING STUDS WITHOUT PRIOR APPROVAL OF THE STRUCTURAL ENGINEER.

GLUED LAMINATED BEAMS: GLUED LAMINATED BEAMS INDICATED ON PLAN AS "GL" SHALL BE FABRICATED WITH LUMBER OF EITHER DOUGLAS FIR/LARCH OR SOUTHERN PINE. LAMINATED MEMBERS SHALL BE DESIGNED AND FABRICATED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR THE DESIGN AND FABRICATION OF STRUCTURAL GLUED LAMINATED LUMBER PUBLISHED BY THE AITC. APPEARANCE GRADE SHALL BE INDUSTRIAL EXCEPT EXPOSED MEMBERS SHALL BE ARCHITECTURAL GRADE AND SUPPLIED INDIVIDUALLY WRAPPED. LAMINATED MEMBERS SHALL BE BUILT UP USING 2" NOMINAL MATERIAL. SIZES SHOWN ON PLAN ARE NET (ACTUAL) SIZES.
ALLOWABLE STRESSES FOR DRY CONDITIONS OF USE FOR MEMBERS STRESSED PRINCIPALLY IN BENDING SHALL BE AS FOLLOWS:

Fb = 2400 PSI Fv = 165 PSI E = 1,800,000 PSI
PROVIDE SAME PROPERTIES TOP AND BOTTOM FOR CANTILEVERED OR CONTINUOUS MEMBERS.

MICRO=LAM LUMBER BEAMS: VERTICALLY LAMINATED VENEER HEADERS AND BEAMS INDICATED ON THE DRAWINGS AS "ML" ARE 1 3/4" THICK AS MANUFACTURED BY THE TRUS JOIST MACMILLAN CORPORATION OF BOISE, ID. OR EQUIVALENT. ML BEAMS SHALL BE INSTALLED IN ACCORDANCE WITH THE MFRS. RECOMMENDATIONS. MULTIPLE MEMBERS SHALL BE FASTENED TOGETHER WITH TWO ROWS OF 16d COMMON NAILS @ 12" OC; PROVIDE THREE ROWS AT MULTIPLE MEMBERS 14" OR DEEPER. MULTIPLE MEMBERS OF FOUR OR MORE REQUIRE 1/2" DIA. THRU BOLTS @ 12" OC STAGGERED UNLESS UNIFORMLY LOADED ACROSS THE TOP OF THE MEMBER. ML BEAMS SHALL NOT BE USED WHERE EXPOSED TO WEATHER OR IN DIRECT CONTACT WITH CONCRETE IN CONTACT WITH EARTH.
ALLOWABLE STRESSES FOR DRY CONDITIONS OF USEARE AS FOLLOWS:
Fb = 2600 PSI Fv = 285 PSI E = 1,800,000 PSI

ENGINEERED WOOD I JOISTS: I SHAPED ENGINEERED WOOD JOISTS WITH STRUCTURAL WOOD FLANGES AND PLYWOOD OR OSB WEBS INDICATED ON THE DRAWINGS AS "TJI" ARE AS MANUFACTURED BY THE TRUS-JOIST MACMILLAN CORPORATION OF BOISE, ID. ENGINEERED WOOD JOISTS BY OTHER MANUFACTURERS SHALL BE DEEMED EQUIVALENT IF THEIR RATED STRUCTURAL PROPERTIES ARE AT LEAST EQUAL TO THAT OF THE JOIST SPECIFIED. ENGINEERED WOOD JOISTS SHALL BE INSTALLED IN ACCORDANCE WITH THE MFRS RECOMMENDATIONS. SUPPLY ALL PLATES, BLOCKING, BRIDGING, BRACING STIFFENERS AND OTHER RELATED ITEMS AS REQUIRED BY THE MANUFACTURER.

PLYWOOD SHEATHING: PLYWOOD FOR ROOFS, FLOORS AND SHEAR WALL SHEATHING SHALL BE APA GRADE TRADEMARKED CDX WITH EXTERIOR GLUE. LAY UP PLYWOOD WITH FACE GRAIN PERPENDICULAR TO SUPPORTS AND STAGGER JOINTS. ALL NAILING TO BE COMMON NAILS; RING SHANKED FOR FLOOR AND ROOF SHEATHING. ALL FLOOR SHEATHING TO BE GLUED AND NAILED. REFER TO TABLE BELOW FOR USE REQUIREMENTS:

USE:	THICKNESS:	SPAN RATING:	EDGE NAILING:	FIELD NAILING:
FLAT ROOF	3/4"	48/24	8d@6"OC	8d@12"OC
SLOPED ROOF	5/8"	32/16	8d@6"OC	8d@12"OC
FLOOR	3/4"T&G	48/24	8d@6"OC	8d@12"OC
SHEAR WALL	1/2"	24/0	8d@4"OC	8d@10"OC

ALL EDGES OF SHEAR WALL SHEATHING SHALL BE BLOCKED. PARTICLE BOARD SHEATHING (OSB) MAY BE USED AS AN ALTERNATE TO PLYWOOD WITH PRIOR APPROVAL OF OWNER AND ARCHITECT. PARTICLE BOARD SHEATHING SHALL COMPLY WITH UBC STANDARD NO. 25-25 EXTERIOR TYPE 2-M-W AND SHALL HAVE A SPAN RATING EQUAL TO OR BETTER THAN THE PLYWOOD IT REPLACES. ATTACHMENT AND THICKNESS (WITHIN 1/32") SHALL BE THE SAME AS THE PLYWOOD IT REPLACES.

H. GENERAL

ALL EXISTING CONDITIONS MUST BE VERIFIED BY THE BUILDER IN THE FIELD. UNKNOWN AND VARIED CONDITIONS MAY BE FOUND. NOTIFY THE ENGINEER OF ANY CONDITIONS FOUND TO VARY FROM THAT INDICATED BY THE STRUCTURAL DRAWINGS. DESIGN REVISIONS MAY BE REQUIRED.

ALL DIMENSIONS ON STRUCTURAL DRAWINGS SHALL BE VERIFIED WITH THE ARCHITECTURAL DRAWINGS AND DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND ENGINEER IN A TIMELY MANNER TO ALLOW ADEQUATE TIME FOR RESOLUTION AND CLARIFICATION.

THE ARCHITECT MUST AUTHORIZE ALL SUBSTITUTIONS. SUCH AUTHORIZATION DOES NOT RELIEVE THE CONTRACTOR FROM COMPLIANCE WITH THE PROJECT DRAWINGS AND SPECIFICATIONS.

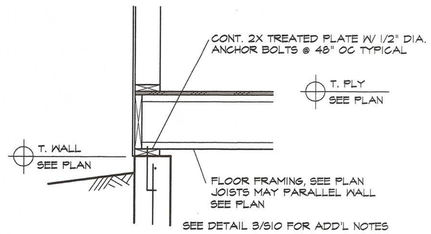
COORDINATE ALL OPENINGS THROUGH FLOORS, WALLS AND ROOFS WITH THE MECHANICAL AND ELECTRICAL CONTRACTORS AND WITH THE FRAMING LAYOUT.

DO NOT BACKFILL AGAINST FOUNDATION WALLS UNTIL FLOOR AND ROOF FRAMING SYSTEMS BRACING THOSE WALLS ARE IN PLACE.

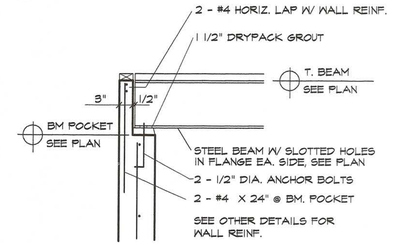
CONSTRUCTION MATERIALS SHALL BE SPREAD OUT IF PLACED ON FRAMED CONSTRUCTION SUCH THAT THE LOAD DOES NOT EXCEED THE DESIGN LIVE LOAD.

NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL STRUCTURAL NOTES AND TYPICAL DETAILS. WHERE NO DETAILS ARE SHOWN, CONSTRUCTION SHALL CONFORM TO SIMILAR WORK ON THE PROJECT. IF DISCREPANCIES OCCUR BETWEEN PLANS, DETAILS AND NOTES THE GREATER REQUIREMENTS SHALL GOVERN.

THE CONTRACT STRUCTURAL DRAWINGS & SPECIFICATIONS REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE, BUT NOT BE LIMITED TO, BRACING, SHORING FOR LOADS DUE TO CONSTRUCTION EQUIPMENT, ETC. OBSERVATION VISITS TO THE SITE BY THE STRUCTURAL ENGINEER SHALL NOT INCLUDE INSPECTION OF THE ABOVE ITEMS NOR WILL THE STRUCTURAL ENGINEER BE RESPONSIBLEFOR THE CONTRACTOR'S MEANS, METHODS, TECHNIQUES, SEQUENCES FOR PROCEDURE OF CONSTRUCTION OR THE SAFETY PRECAUTIONS AND THE PROGRAMS INCIDENT THERETO.

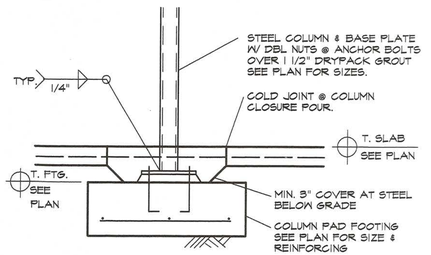


7 3/4" = 1"-0"



BEAM POCKET WIDTH TO BE BEAM WIDTH + 6" TYPICAL.
NOTE: AT WOOD BEAMS PROVIDE TREATED 2X PLATE W/ 2 - 1/2" DIA A.B. IN LIEU OF DRYPACK GROUT.

8 3/4" = 1"-0"



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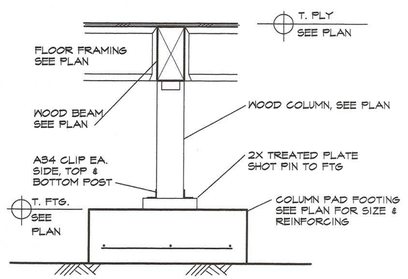

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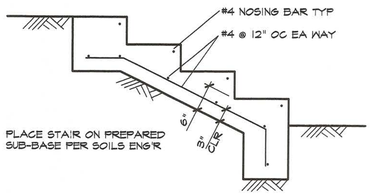
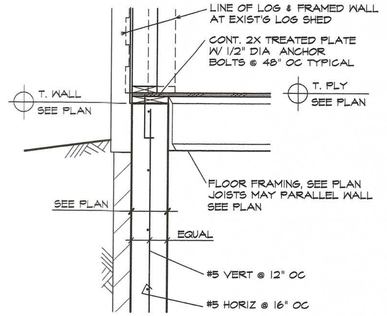
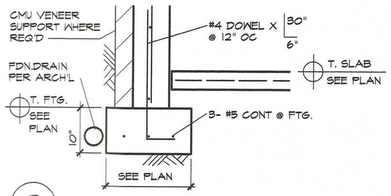


11 TYPICAL CONC STAIR ON GRADE 3/4" = 1"-0"





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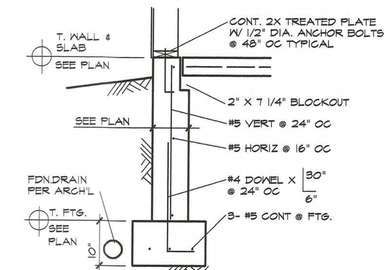

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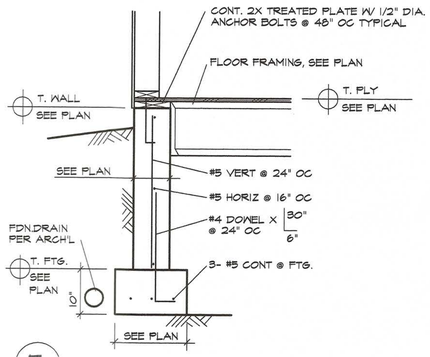

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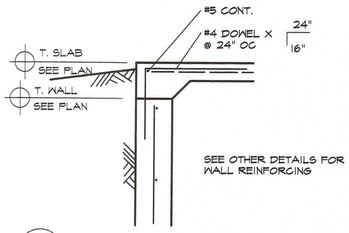
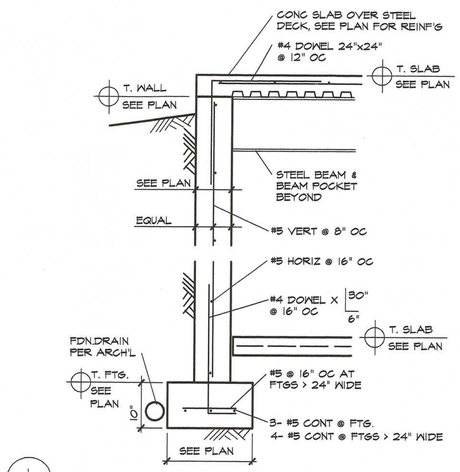
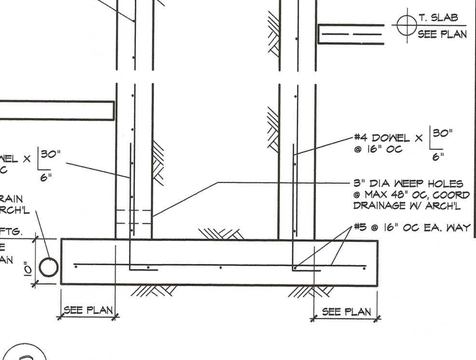


6 3/4" = 1"-0"



1 3/4" = 1"-0"



2 3/4" = 1"-0"

REVISIONS:
CONSTRUCTION
AUGUST 20, 2007

smart living designs
Post Office Box 3201 164H Society Drive Society Turn Business Center Telluride, Colorado 81435 970.728.6841 ph/fax

COLORADO REGISTERED 28480 PROFESSIONAL ENGINEER 8/20/07

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BUILDING PERMIT
JANUARY 31, 2008

S10
GEN'L STRUCT'L NOTES & DETAILS

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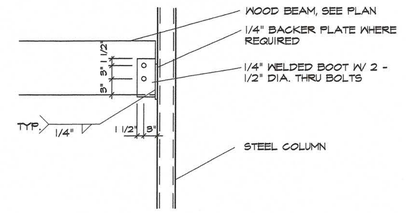
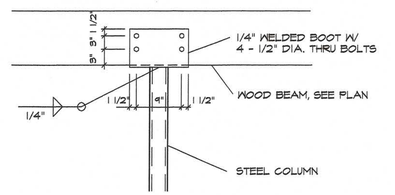
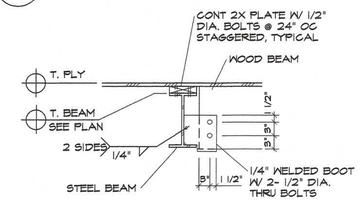


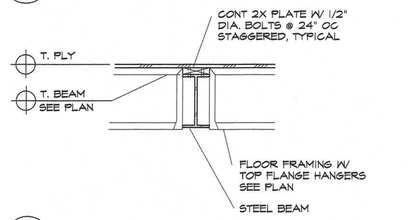
23 TYPICAL WELDED BOOT @ STEEL COLUMN
3/4" = 1'-0"



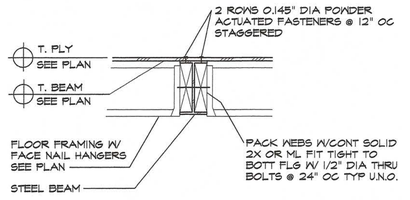
24 TYPICAL WOOD BEAM @ STEEL COLUMN
3/4" = 1'-0"



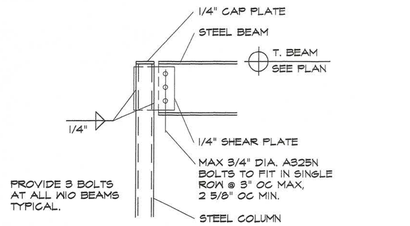
25 TYPICAL WELDED BOOT @ STEEL BEAM
3/4" = 1'-0"



26 TYPICAL TJI JOISTS @ STEEL BEAM
3/4" = 1'-0"

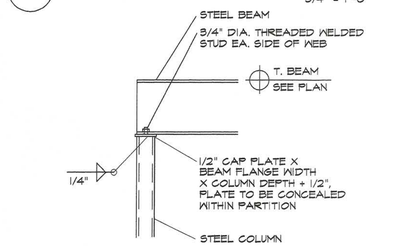


27 TJI JOISTS @ STEEL BEAM W/OUT 2x NAILER
3/4" = 1'-0"



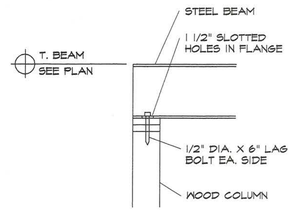
NOTE: COLUMN MAY BE CONTINUOUS OR BEAM MAY OCCUR BOTH SIDES OF COLUMN, SEE PLAN.

18 TYPICAL STEEL BEAM @ STEEL COLUMN
3/4" = 1'-0"

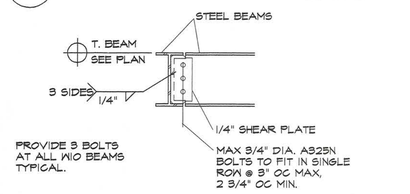


NOTE: BEAM MAY BE CONTINUOUS SEE PLAN.

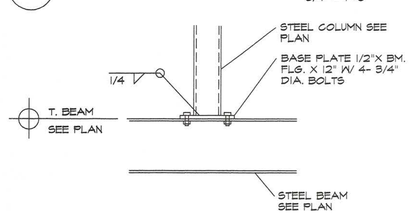
19 TYPICAL STEEL BEAM @ STEEL COLUMN
3/4" = 1'-0"



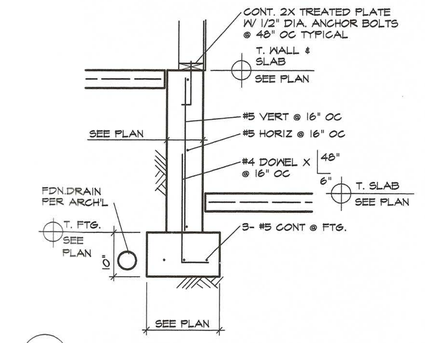
20 TYPICAL STEEL BEAM @ WOOD COLUMN
3/4" = 1'-0"



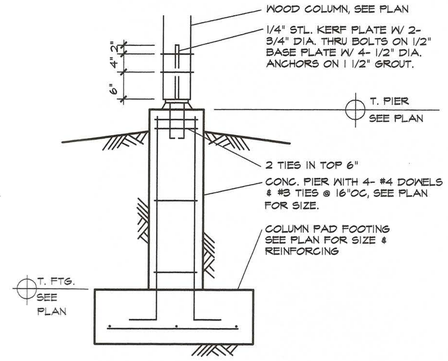
21 TYPICAL STEEL BEAM @ STEEL BEAM
3/4" = 1'-0"



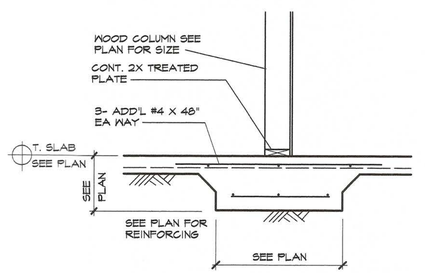
22 TYPICAL STEEL COLUMN @ STEEL BEAM
3/4" = 1'-0"



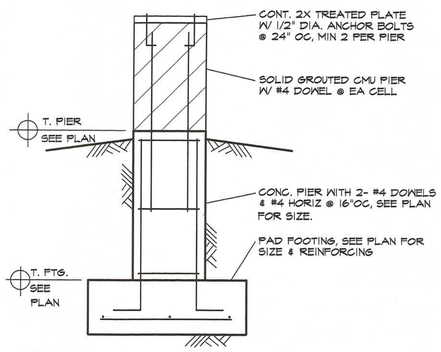
15 3/4" = 1'-0"



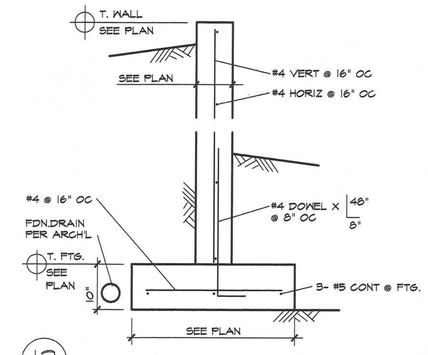
16 3/4" = 1'-0"



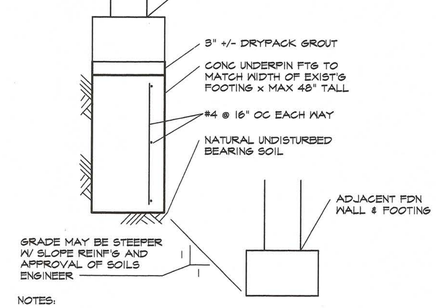
17 3/4" = 1'-0"



12 3/4" = 1'-0"



13 3/4" = 1'-0"



NOTES:
UNDERPIN FOOTING TO BE EXCAVATED AND PLACED IN MAXIMUM 4'-0" LONG SECTIONS. CONCRETE TO BE FORMED ONE SIDE AND PLACED MONOLITHICALLY. GROUT SHALL BE IN PLACE PRIOR TO EXCAVATION OF ADJACENT SECTIONS.

14 3/4" = 1'-0"

REVISIONS:
CONSTRUCTION
AUGUST 20, 2007

smart living designs
Post Office Box 3281 164M Society Drive Society Turn Business Center Telluride, Colorado 81435 970.728.0841 ph/fax

COLORADO REGISTERED MICHAEL J. THELE 28480 PROFESSIONAL ENGINEER
8/20/07

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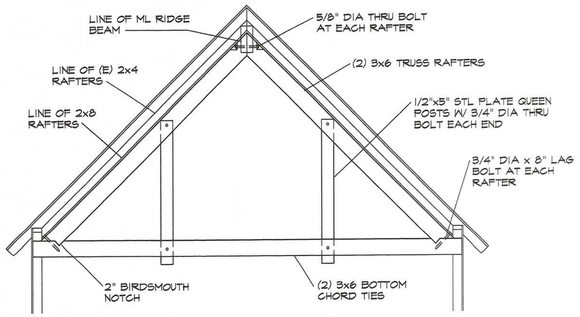
Town of Telluride
Colorado, 81435

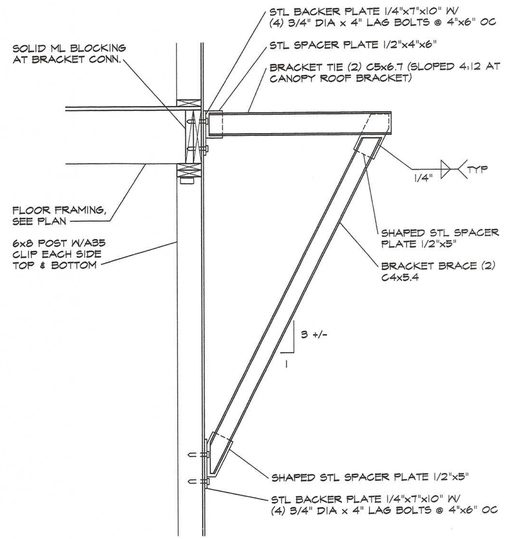
BUILDING PERMIT
JANUARY 31, 2006

S11
STRUCTURAL DETAILS



36 TAVERN ROOF TRUSS

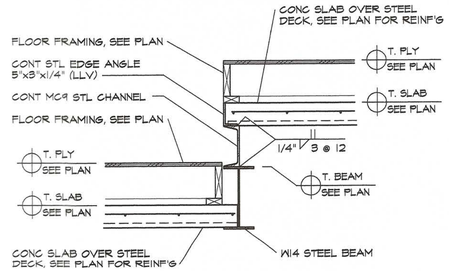
3/8" = 1'-0"



NOTE: OTHER FRAMING NOT SHOWN FOR CLARITY. SIZES SHOWN ARE MINIMUMS CONFIRM W/ ARCH'L. PROVIDE SHOP DRAWINGS FOR REVIEW PRIOR TO FAB.

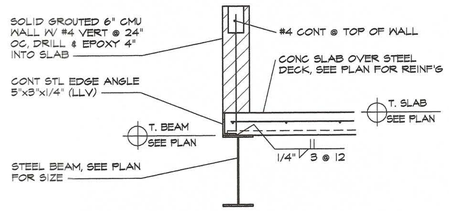
37 TAVERN STEEL BRACKET

3/8" = 1'-0"



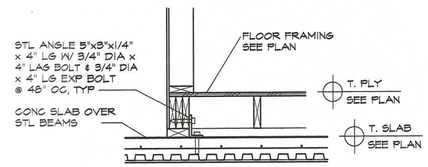
32 STRUCT'L SLAB STEP OVER GARAGE

3/4" = 1'-0"



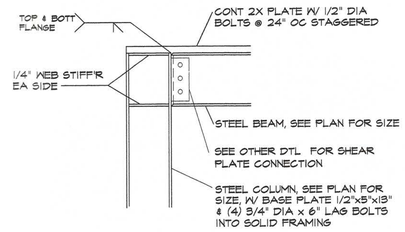
33 STRUCT'L SLAB EDGE OVER GARAGE DOOR

3/4" = 1'-0"



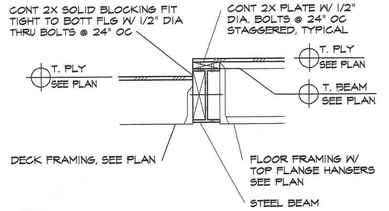
34 FLOOR FRAMING OVER STRUCT'L SLAB

3/4" = 1'-0"



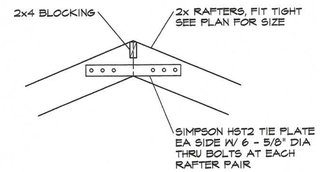
35 WIND FRAME CONNECTION

3/4" = 1'-0"



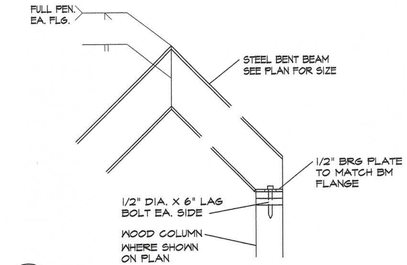
28 TYPICAL FLOOR/DECK JOISTS @ STEEL BEAM

3/4" = 1'-0"



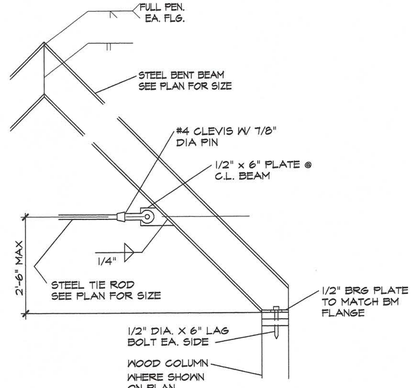
29 TIED RAFTER AT LICENSE PLATE SHED

3/4" = 1'-0"



30 TYPICAL STEEL BEAM BENT

3/4" = 1'-0"



31 TYPICAL STEEL BEAM TIED BENT AT TAVERN

3/4" = 1'-0"

REVISIONS:
CONSTRUCTION
AUGUST 28, 2007

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Post Office Box 3201 164H Society Drive Society Turn Business Center Telluride, Colorado 81435 970.728.0841 ph/fax

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BUILDING PERMIT
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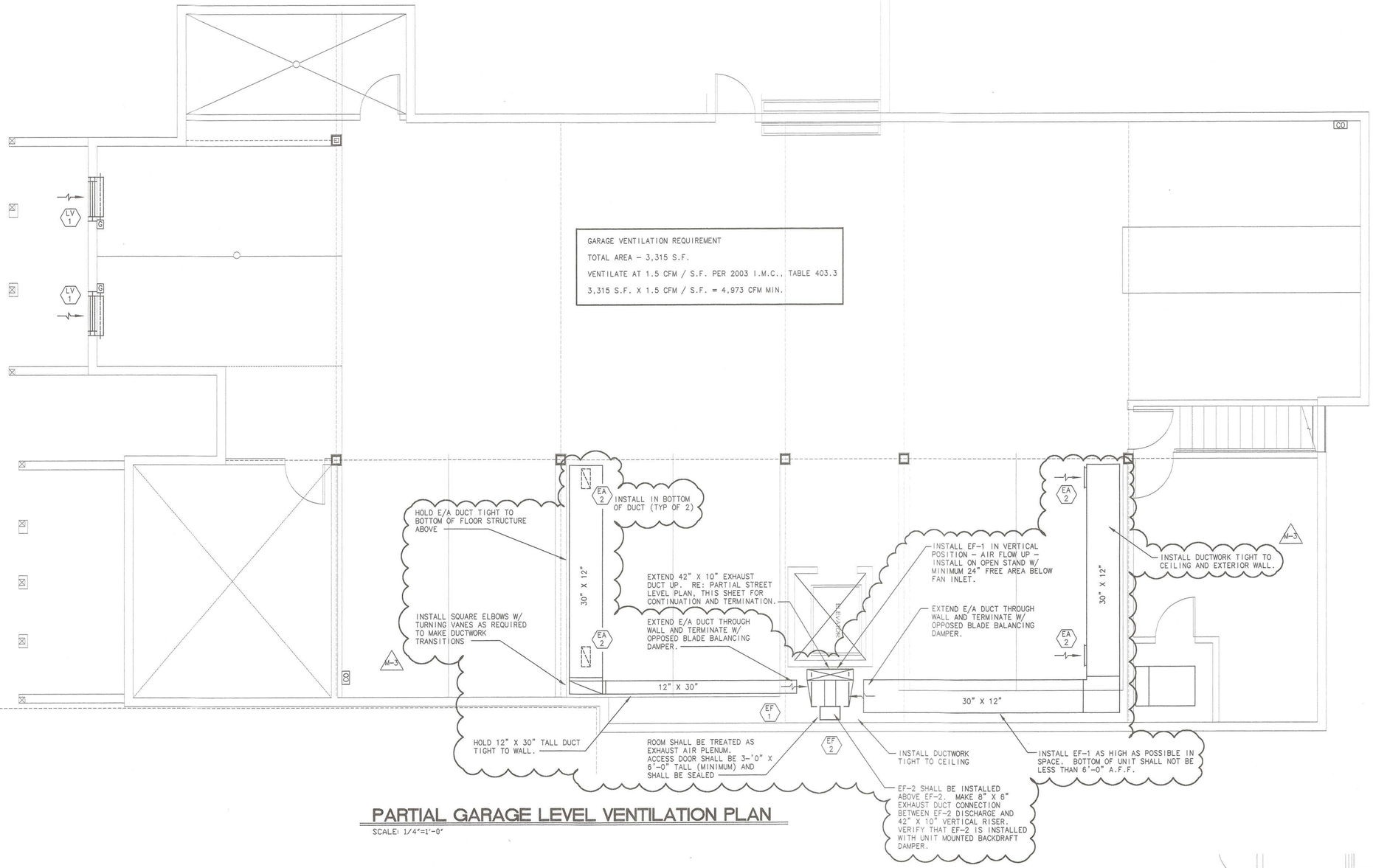
S12
STRUCTURAL DETAILS



PARTIAL GARAGE LEVEL VENTILATION PLAN

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

MECHANICAL EQUIPMENT LIST

EF-1 GARAGE EXHAUST FAN
COOK MODEL 210 SQUI-B
5,000 CFM, 0.75" S.P.
2 HP, 240 VOLT, 3 PHASE

PROVIDE COMPLETE WITH MAGNETIC STARTER DISCONNECT AND HOUSED SPRING VIBRATION ISOLATORS WITH 3/4" MINIMUM STATIC DEFLECTION (4 REQUIRED).

EXHAUST FAN SHALL BE CONTROLLED FROM (2) CARBON MONOXIDE SENSORS WHICH WILL START THE FAN UPON SENSING CARBON MONOXIDE CONCENTRATION OF 25 PPM.

M-2 EF-2 GARAGE EXHAUST FAN – CONSTANT OPERATION
COOK MODEL GC-520
250 CFM, 0.5" S.P.
80 WATTS, 120 VOLTS

EA-1 EXHAUST AIR GRILLE
KRUEGER MODEL S80
FIXED DEFLECTION STEEL GRILLE, HORIZONTAL BARS, 3/4" SPACING
24" X 10"
PROVIDE COMPLETE WITH OPPOSED BLADE BALANCING DAMPER

EA-2 EXHAUST AIR GRILLE
KRUEGER MODEL S80
FIXED DEFLECTION STEEL GRILLE, HORIZONTAL BARS, 3/4" SPACING
20" X 8"

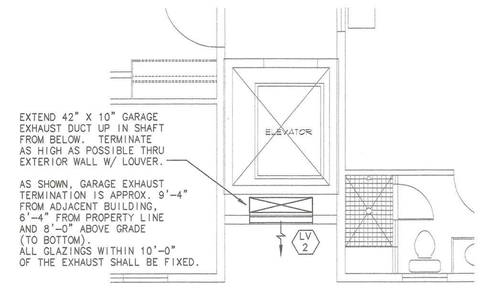
LV-1 OUTSIDE AIR LOUVER
RUSKIN MODEL ELF375DXH
36" X 30" TALL

PROVIDE COMPLETE WITH GRAVITY BACKDRAFT DAMPER

LV-2 EXHAUST AIR LOUVER
RUSKIN MODEL ELF375DXH
42" X 24" TALL

GENERAL NOTES

1. ALL WORK SHALL COMPLY WITH AND BE COORDINATED WITH REQUIREMENTS OF ARCHITECTURAL PLANS AND EXISTING CONSTRUCTION AT THE TIME OF INSTALLATION.
2. INSTALL EQUIPMENT TO BE READILY ACCESSIBLE FOR SERVICE AND MAINTENANCE. REVIEW PROPOSED INSTALLATION WITH OWNER AND ARCHITECT PRIOR TO STARTING WORK.
3. ALL WORK SHALL CONFORM TO REQUIREMENTS OF GOVERNING CODE AUTHORITIES.
4. MAKE ALL DUCT CONNECTIONS TO EXHAUST FAN WITH FLEXIBLE CONNECTIONS.
5. SEAL ALL DUCT JOINTS AND CONNECTIONS TO EQUIPMENT AIR TIGHT.
6. NOT ALL DUCTWORK OFFSETS AND TRANSITIONS REQUIRED TO INSTALL THE WORK IN THE AVAILABLE SPACE ARE SHOWN ON THIS DRAWING. FIELD MEASURE FOR EXACT REQUIREMENTS AND INSTALL ACCORDINGLY.
7. ALL DUCT DIMENSIONS NOTED ARE CLEAR INSIDE. INSTALL DUCTWORK PER SMACNA STANDARDS.
8. FIELD VERIFY THAT ALL DUCTWORK IN PEDISTRIAN OR VEHICLE TRAFFIC AREAS IS INSTALLED WITH AT LEAST 7'-0" CLEAR BELOW THE BOTTOM OF THE DUCT. REFER ANY POTENTIAL CONFLICTS TO ARCHITECT FOR RESOLUTION PRIOR TO INSTALLATION.



PARTIAL STREET LEVEL VENTILATION PLAN

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

BAI
BURGGRAAF ASSOCIATES INC.
CONSULTING ENGINEERS
203 CAPE PLACE - P.O. BOX 5770
PAGOSA SPRINGS, COLORADO 81147
(970) 731-4278 FAX (970) 731-4279

WEST PACIFIC CAMPUS
567, 571, 573 WEST PACIFIC AVE.
TELLURIDE, CO

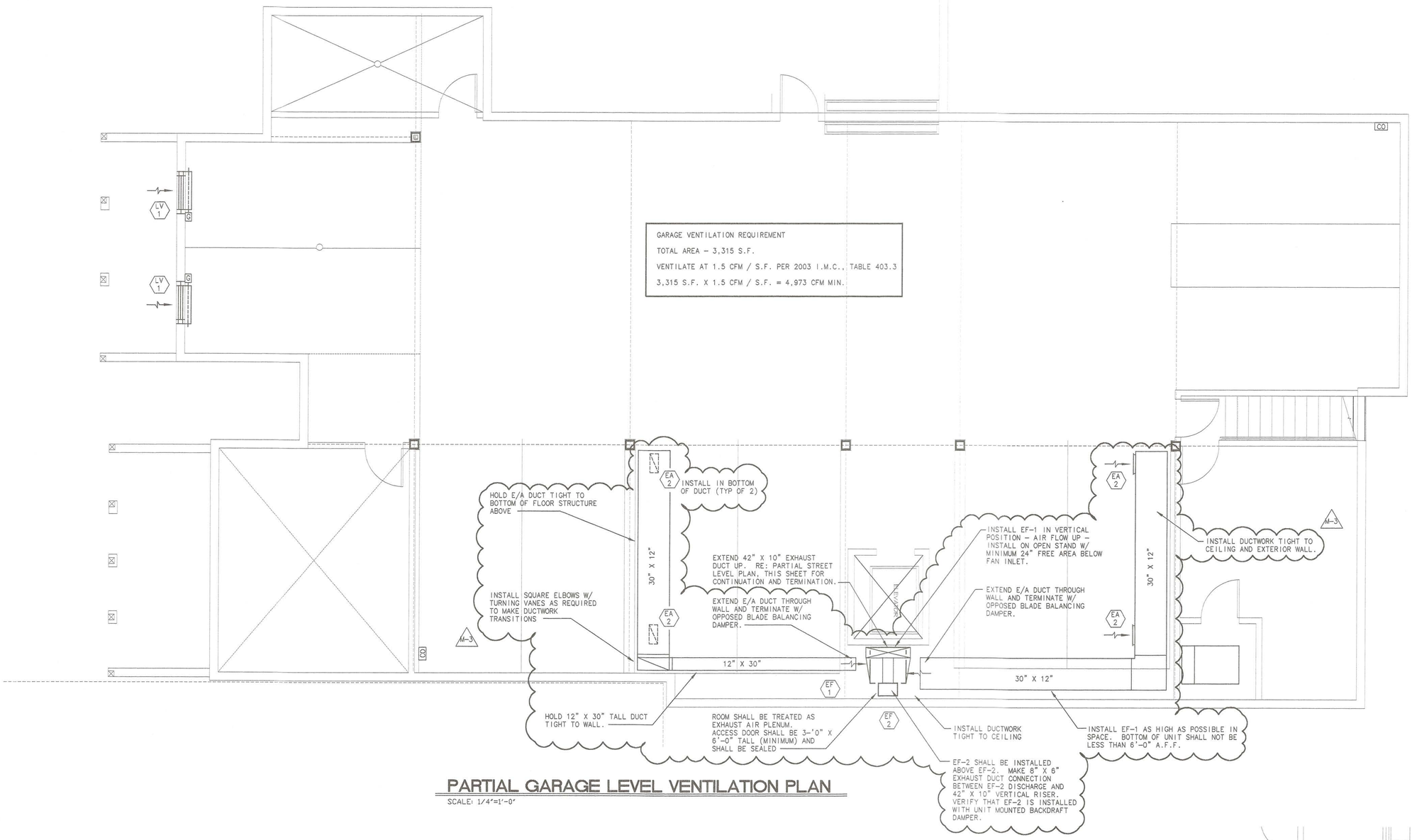
REVISION NO.	DATE
REV #1	09/12/07

DRAWING TITLE:
GARAGE VENTILATION PLAN

DATE: 07/12/07
SCALE: 1/4" = 1'-0"
PROJ. NO. 7035
DRAWN BY: BAI
CHK'D BY: MAB

DRAWING NO.
M-1
of 1

9/12/07



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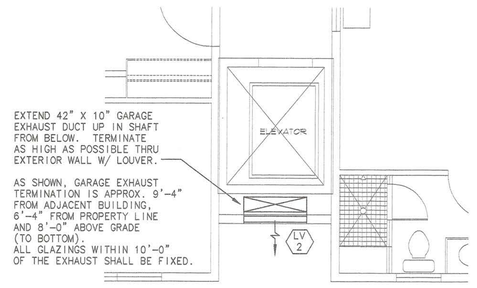

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SCALE: 1/4"=1'-0"

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TELLURIDE, CO

REVISION NO.	DATE
REV #1	09/12/07

DRAWING TITLE:
GARAGE VENTILATION PLAN

DATE: 07/12/07
SCALE: 1/4" = 1'-0"
PROJ. NO. 7095
DRAWN BY: DAI
CHKD BY: MAB

DRAWING NO.
M-1
OF 1

9/12/07