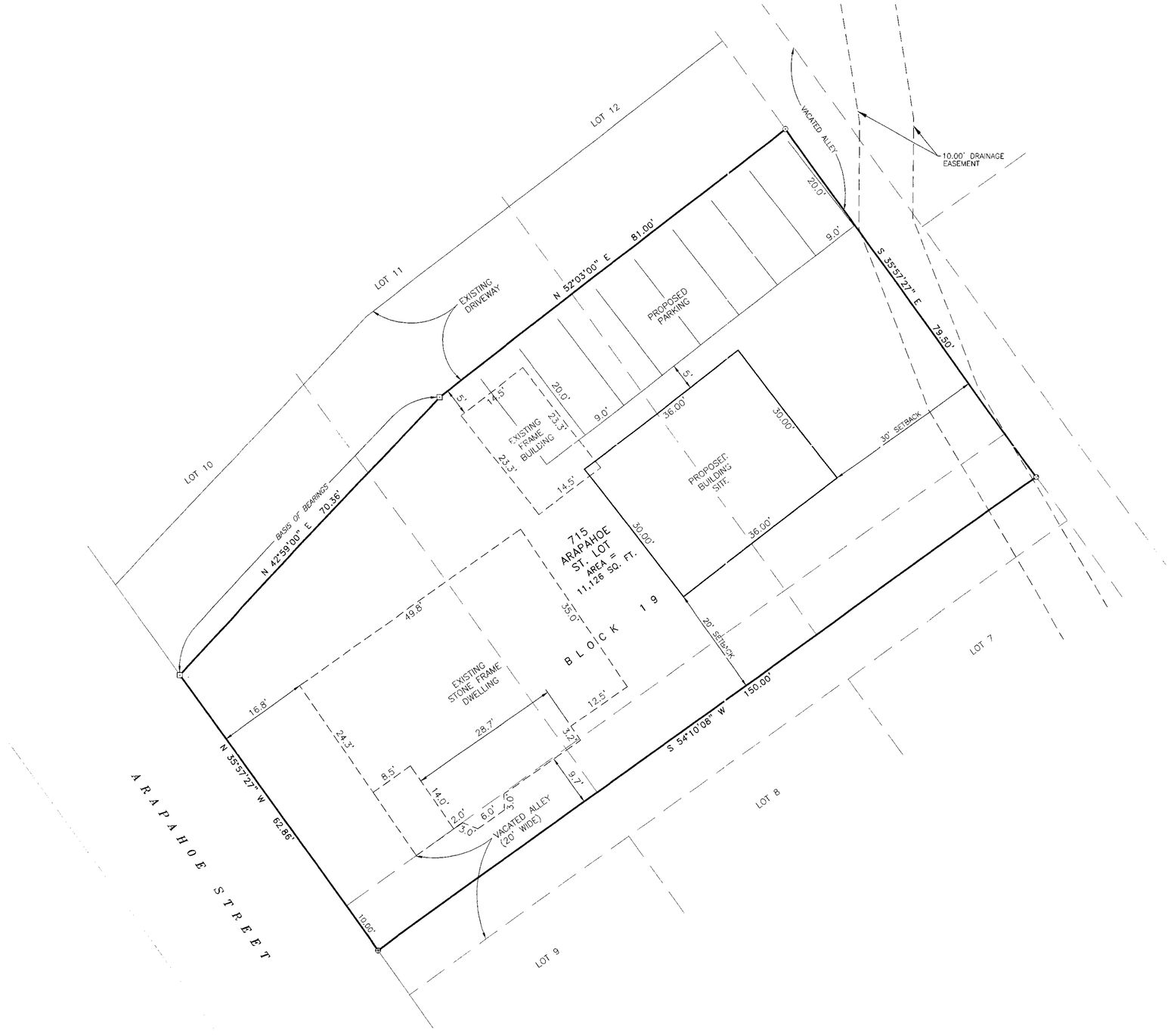
LAND SURVEY PLAT

PORTION OF LOTS 10, 11 AND 12, BLOCK 19, AND
10' OF VACATED ALLEY,
LOCATED IN THE SE1/4 OF SECTION 28, TOWNSHIP 3
SOUTH, RANGE 70 WEST OF THE SIXTH PRINCIPAL MERIDIAN,
CITY OF GOLDEN, COUNTY OF JEFFERSON, STATE OF COLORADO



10' 0 10' 20'
SCALE: 1"=10'

LEGEND

- ⊕ FOUND CHISELED CROSS
- ⊙ SET #5 REBAR WITH CAP MARKED "ALPINE SURVEY, PLS 9996"
- ⊡ FOUND #5 REBAR WITH CAP MARKED "ALPINE SURVEY, PLS 9996"

LEGAL DESCRIPTION

A PARCEL OF LAND LOCATED IN BLOCK 19, CITY OF GOLDEN, COUNTY OF JEFFERSON, STATE OF COLORADO, SITUATED IN THE SE1/4 OF SECTION 28, TOWNSHIP 3 SOUTH, RANGE 70 WEST OF THE SIXTH PRINCIPAL MERIDIAN, MORE PARTICULARLY DESCRIBED AS FOLOWS:

BEGINNING AT A POINT ON THE SOUTHEASTERLY LINE OF THE NORTHERLY ONE HALF OF THE VACATED ALLEY LYING BETWEEN LOTS 10, 11 AND 12 AND LOTS 7, 8 AND 9 OF SAID BLOCK19, SAID POINT BEING THE WESTERLY TERMINUS OF SAID VACATED ALLEY; THENCE N 35°57'27" W ALONG THE SOUTHWESTERLY LINE OF LOT 10 OF SAID BLOCK 19 A DISTANCE OF 62.86 FEET; THENCE N 42°59'00" E A DISTANCE OF 70.36 FEET; THENCE N 52°03'00" E A DISTANCE OF 81.00 FEET TO A POINT ON THE NORTHEASTERLY LINE OF LOT 12 OF SAID BLOCK 19; THENCE S 35°57'27" E ALONG THE NORTHEASTERLY LINE OF SAID LOT 12 A DISTANCE OF 79.50 FEET TO A POINT ON THE SOUTHEASTERLY LINE OF THE NORTHERLY ONE HALF OF SAID VACATED ALLEY; THENCE S 54°10'08" W ALONG SAID SOUTHEASTERLY LINE A DISTANCE OF 150.00 FEET TO THE POINT OF BEGINNING. THE DESCRIBED LOT CONTAINS 11,126 SQUARE FEET.

NOTES

1. CORNER MONUMENTATION IS AS SHOWN ON PLAT.
2. THIS SURVEY DOES NOT CONSTITUTE A SEARCH OF PUBLIC RECORDS BY ALPINE SURVEYING COMPANY WITH REGARD TO OWNERSHIPS, EASEMENTS, OR RIGHTS-OF-WAYS OF RECORD.
3. NOTICE: ACCORDING TO COLORADO LAW YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVERED SUCH DEFECT. IN NO EVENT, MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THE DATE OF THE CERTIFICATION SHOWN HEREON.

CERTIFICATION

I, GLENN A. TRUE, A REGISTERED PROFESSIONAL SURVEYOR IN THE STATE OF COLORADO, DO HEREBY CERTIFY THAT A SURVEY WAS MADE UNDER MY DIRECT SUPERVISION IN MAY, 2006, OF THE PROPERTY HEREIN DESCRIBED AND THAT THIS LAND SURVEY PLAT IS A TRUE REPRESENTATION OF SAID SURVEY. I DO FURTHER CERTIFY THAT THIS PLAT IS IN COMPLIANCE WITH SECTION 38-51-102 OF THE COLORADO REVISED STATUTES.

GLENN A. TRUE
COLORADO REGISTERED PROFESSIONAL
LAND SURVEYOR NO. 9996
ALPINE SURVEYING COMPANY

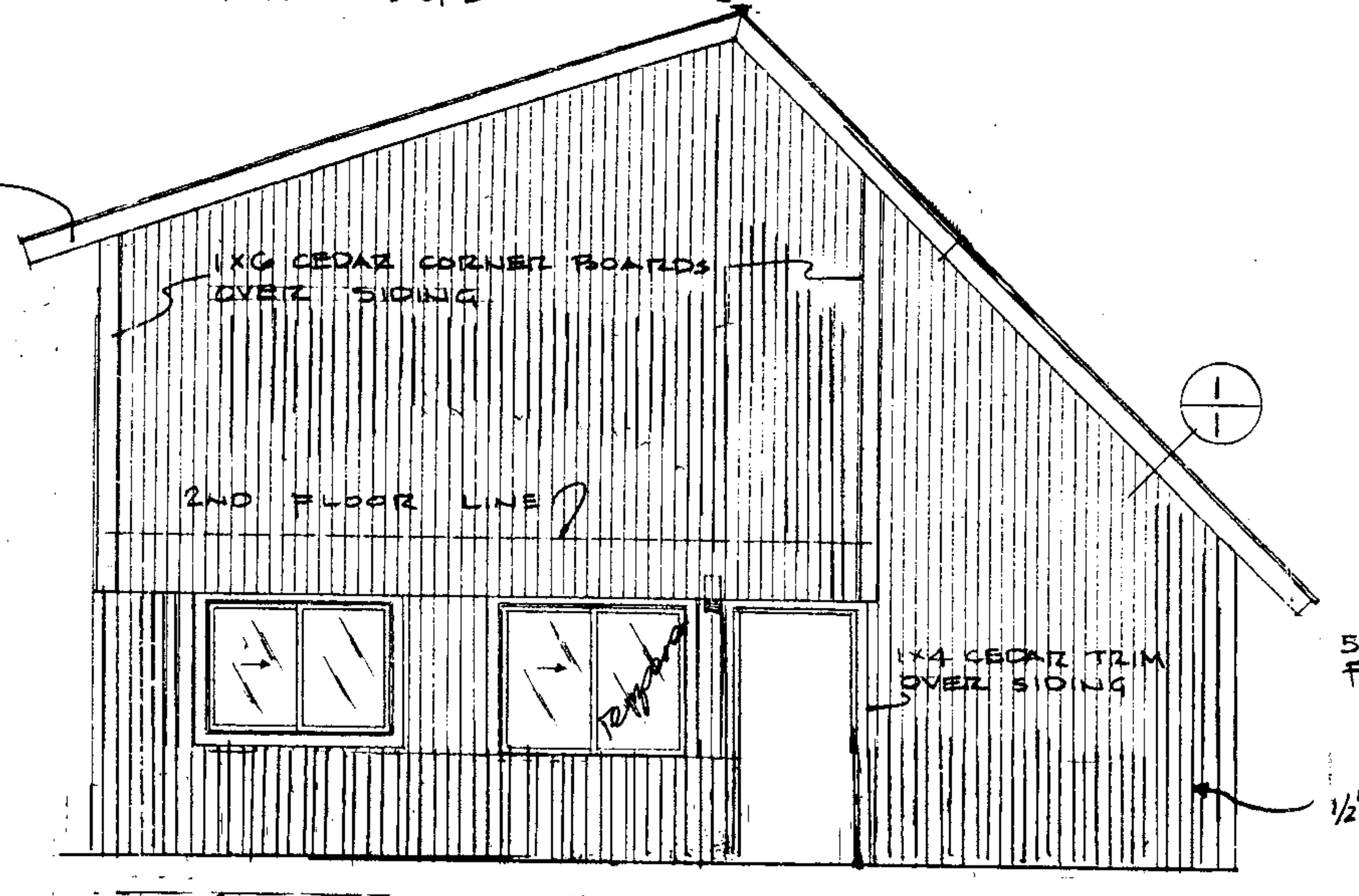
DATE

#2006-340
RECD JUN 06 2006

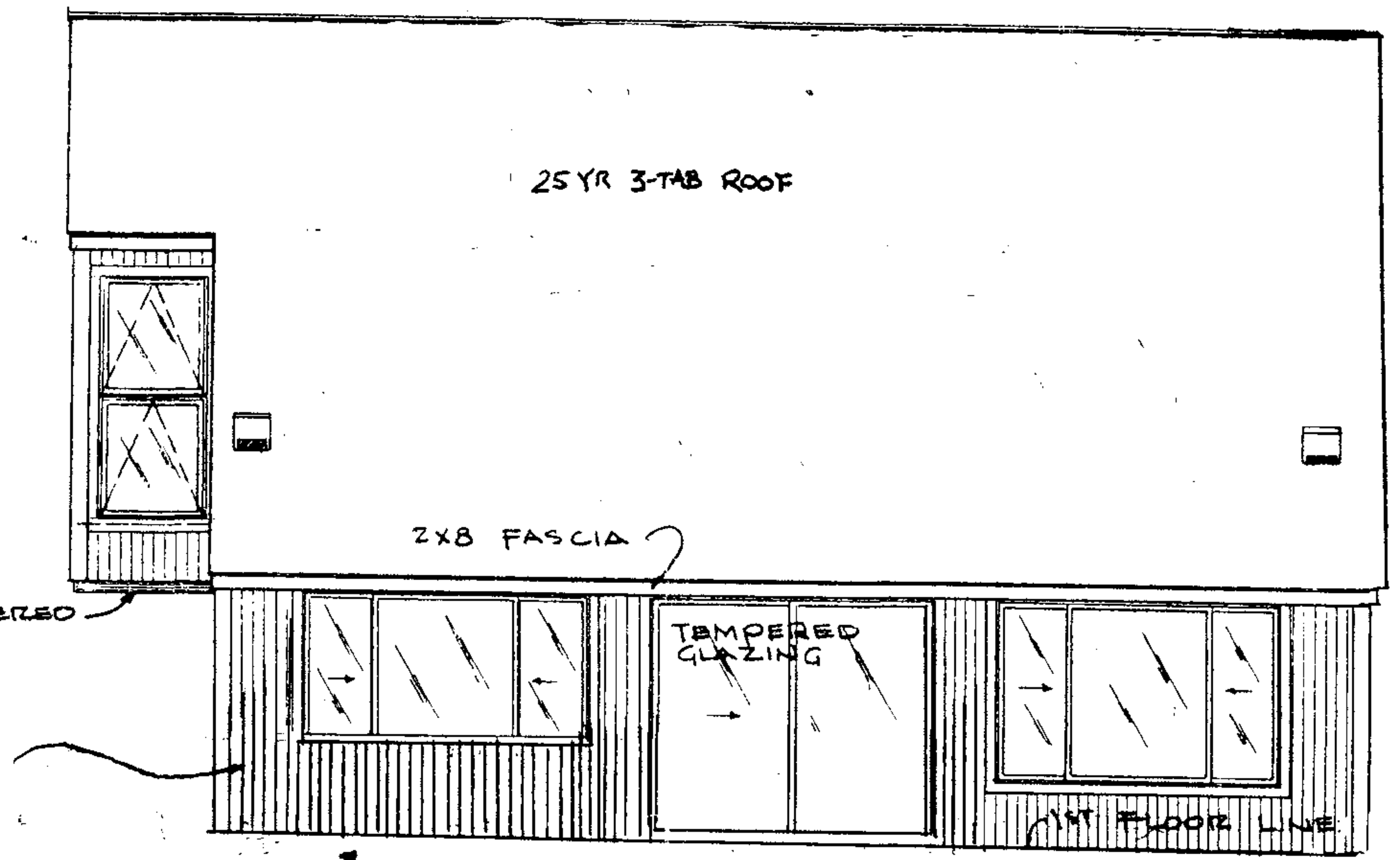
LAND SURVEY PLAT

PORTION OF LOTS 10, 11 & 12, BLOCK 19, AND 10 FEET OF VACATED ALLEY
City of Golden, Jefferson County, Colorado

PREPARED BY: ALPINE SURVEYING COMPANY — Glenn True, 725 36th Street, Boulder, Colorado 80303, (303) 279-7766	PREPARED FOR: TURKEY CREEK CONSTRUCTION, 16048 TURKEY CREEK RD, MORRISON, CO 80465, (303) 697-5429
REVISIONS:	DATE PREPARED: 5-18-06
	DRAWN: S.R.
	JOB NO. 0605-1



• FRONT ELEVATION •
SCALE 1/4" = 1'-0"



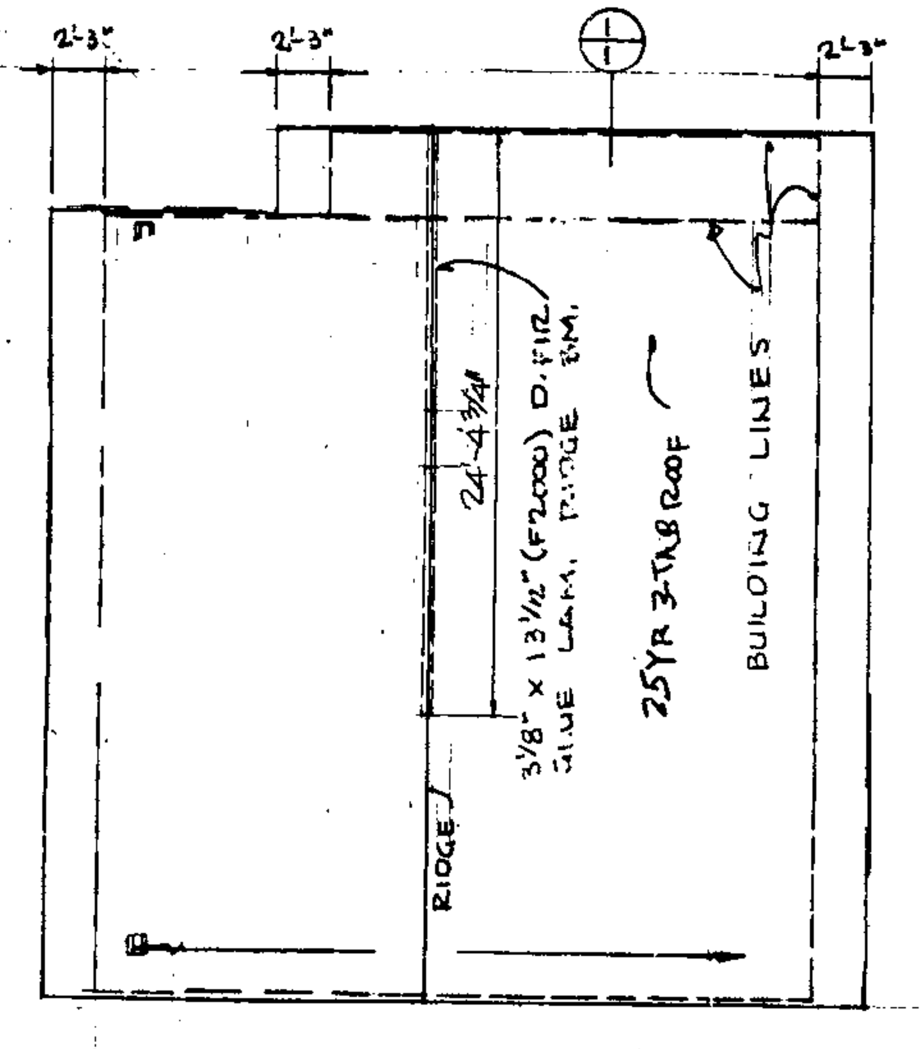
• RIGHT SIDE ELEV
SCALE 1/4" = 1'0"

CITY OF GOLDEN
APPROVED
DATE 6/12/06
BY Bob Sayre
SUBJECT TO INSPECTIONS AND COMPLIANCE TO ALL RELEVANT PROVISIONS OF THE CITY OF GOLDEN MUNICIPAL CODE.

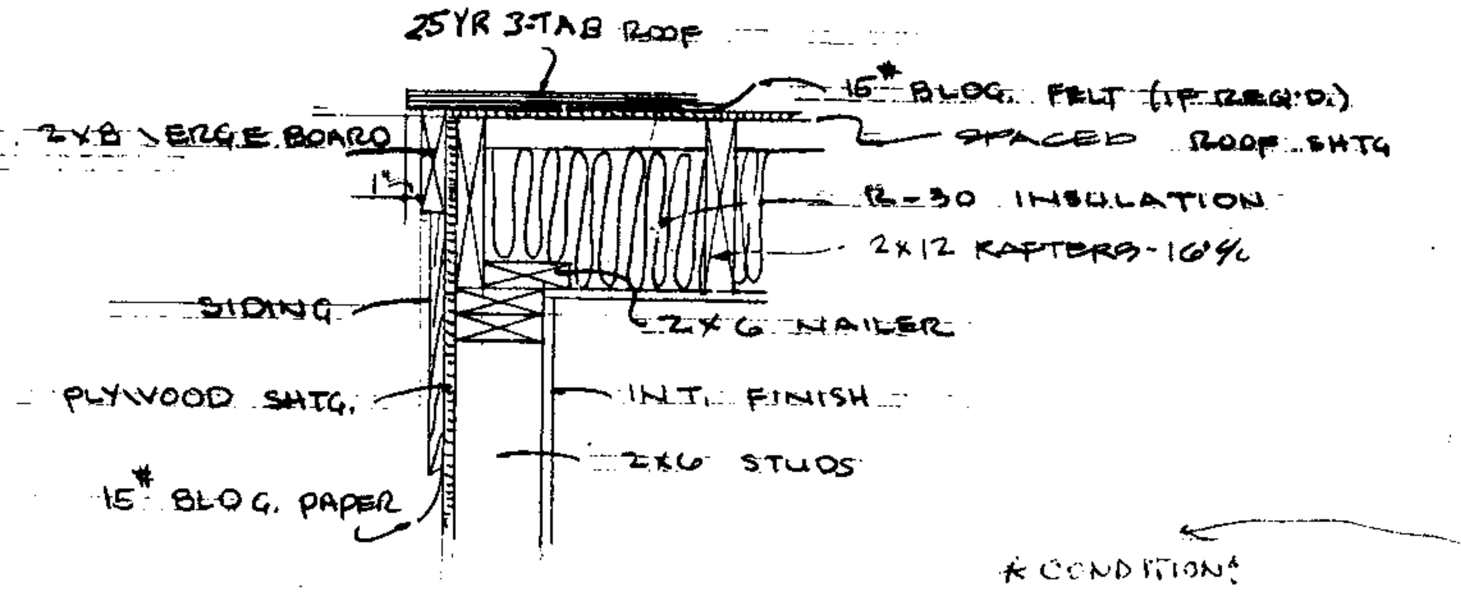
IF THIS STAMP IS NOT RED IT IS AN ILLEGAL SET OF PLANS

NOTE: AS PER COPY RIGHT INFRIGEMENTS, NO ALTERATIONS AND/OR EXPANSIONS OTHER THAN DELETIONS OF SPECIFIED PLANS HAVE BEEN MADE. THIS ATTACHMENT OF CHANGES TO PAGE 1 OF 9 HAVE ONLY DELETIONS AND CONCUR TO OWNER COPY RIGHTS AS PER CONSTRUCTION COPIES.
TURKEY CREEK CONSTRUCTION
KENNETH FERRIEN

NOTE: ALL RAFTERS TO BE 2X12 - #2 D.F.-LARCH AT 16" o/c



• ROOF PLAN •
SCALE 1/8" = 1'-0"



RAKE DETAIL
SCALE 1" = 1'-0"

NOTE: FOR ALLOWABLE ROOF VENTILATION SEE SECTION R806 (6) OR LOCAL CODE REQ'D.

* CONDITION:
• SUBMIT ELEVATION CERTIFICATE AFTER FORMING BUT BEFORE POURING STEMWALL.
• NO CHANGE IN GRADES ALLOWED

City of Golden Permit # 2006-340
Departmental Approval
Planning ____ Date 6/...
*Engineering ____ Date ____
Stormwater ____ Date ____
Env/Bkflw ____ Date ____
Fire Dept ____ Date ____
Building BS Date 6/12/06
Other ____ Date ____

REC'D JUN 0 6 2006

5-31-06

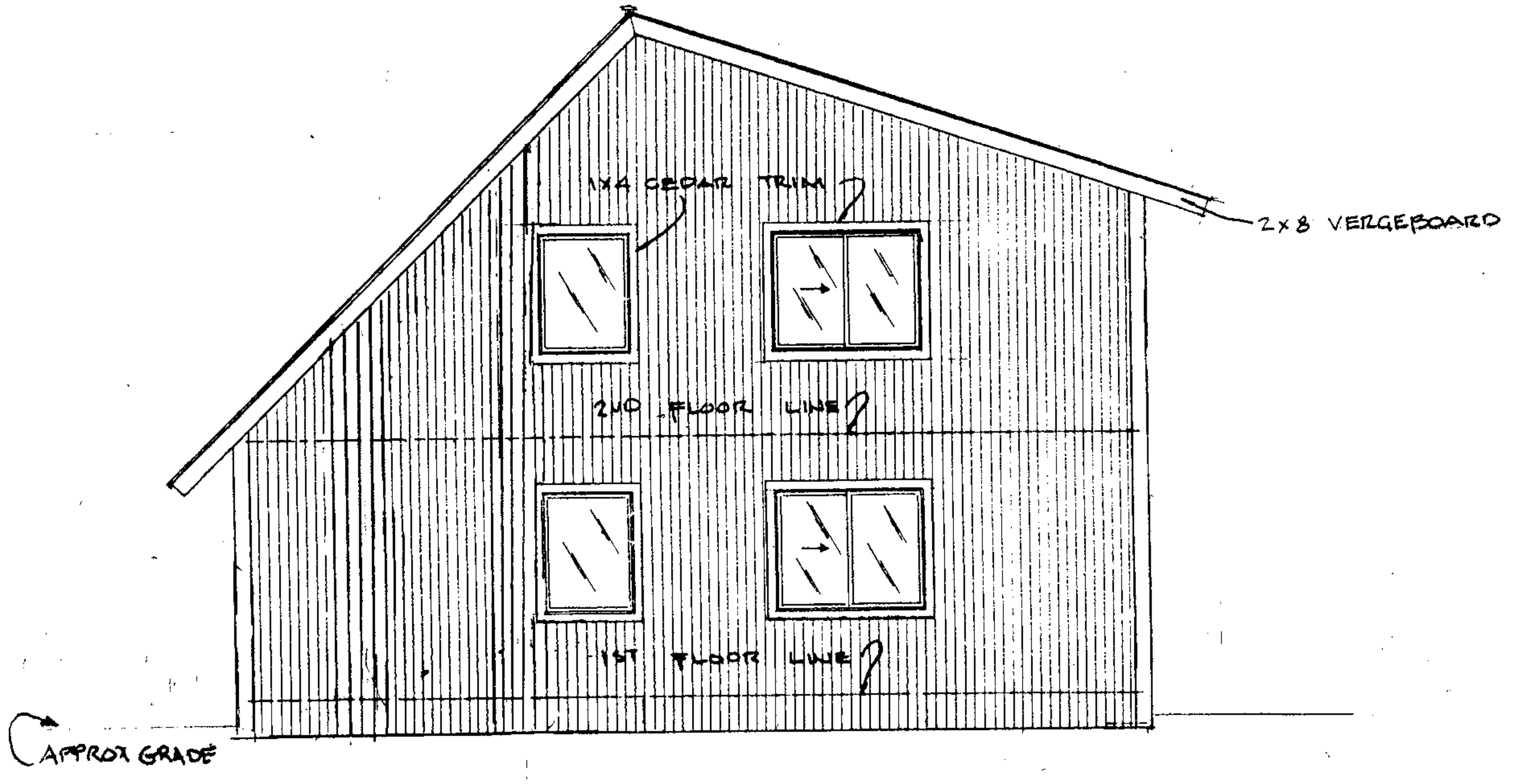
NOTE: ALL REQ'D. SAFETY GLAZING SHALL COMPLY W/ 16 CFR 1201 CII
Add smoke detectors to bedrooms
bedrooms all A.F.C.I.

• STRUCTURAL DESIGN DATA •

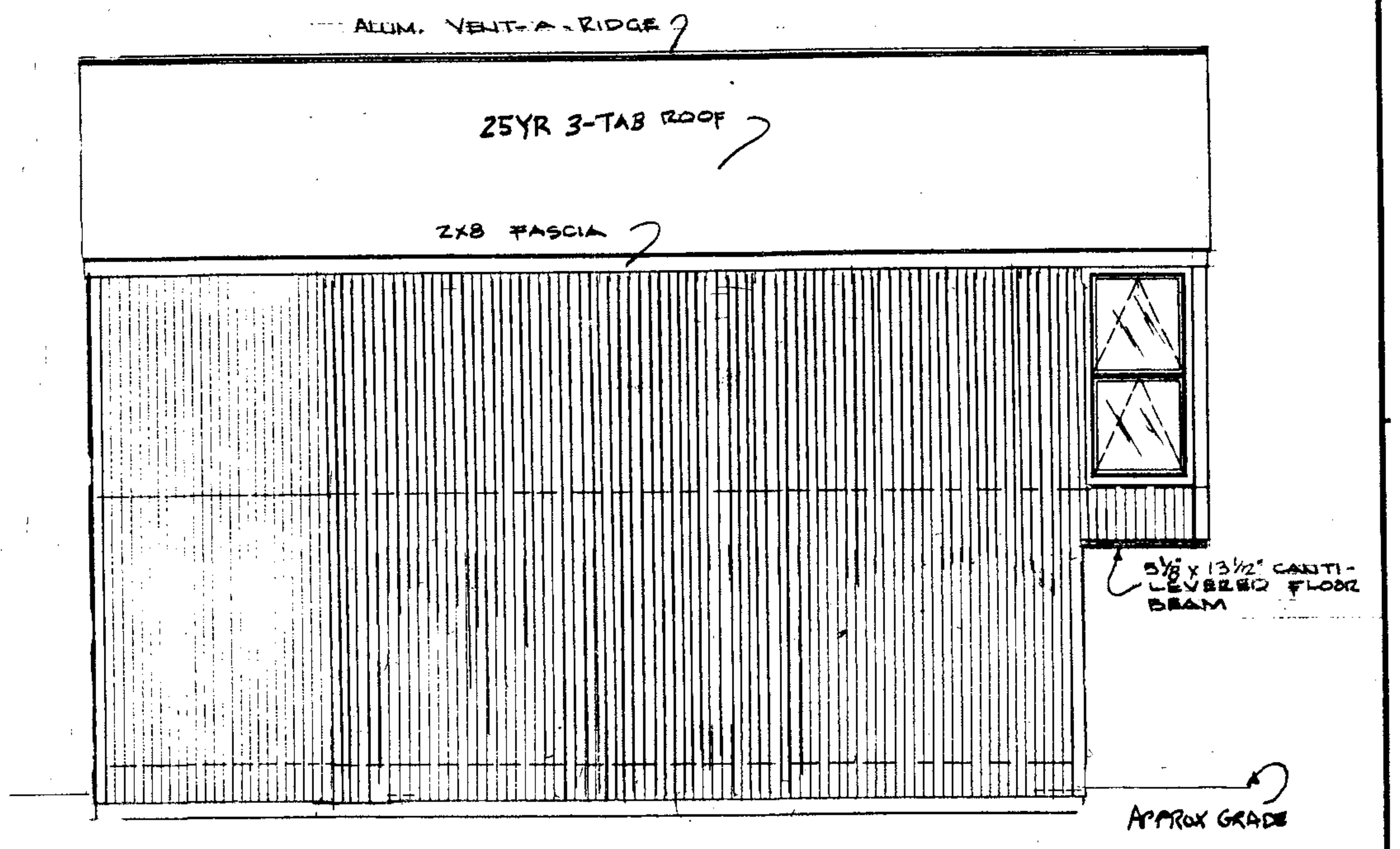
ROOF	LIVE LOAD	40 PSF
FLOOR	LIVE LOAD	40 PSF
~~DECK~~	~~LIVE LOAD~~	~~PSF~~
WIND	DESIGN PRESSURE - UBC	~~PSF~~ 100 mph exp C
SOIL PRESSURE		1200 PSF
SEISMIC		ZONE II
FND. WALL LATERAL PRESSURE = 30 PCF (E.F.P.)		

HOMESTYLES PLAN SERVICE
6800 FRANCE AVE. SO SUITE 115 MINNEAPOLIS, MN 55435 PH 612-927-6707

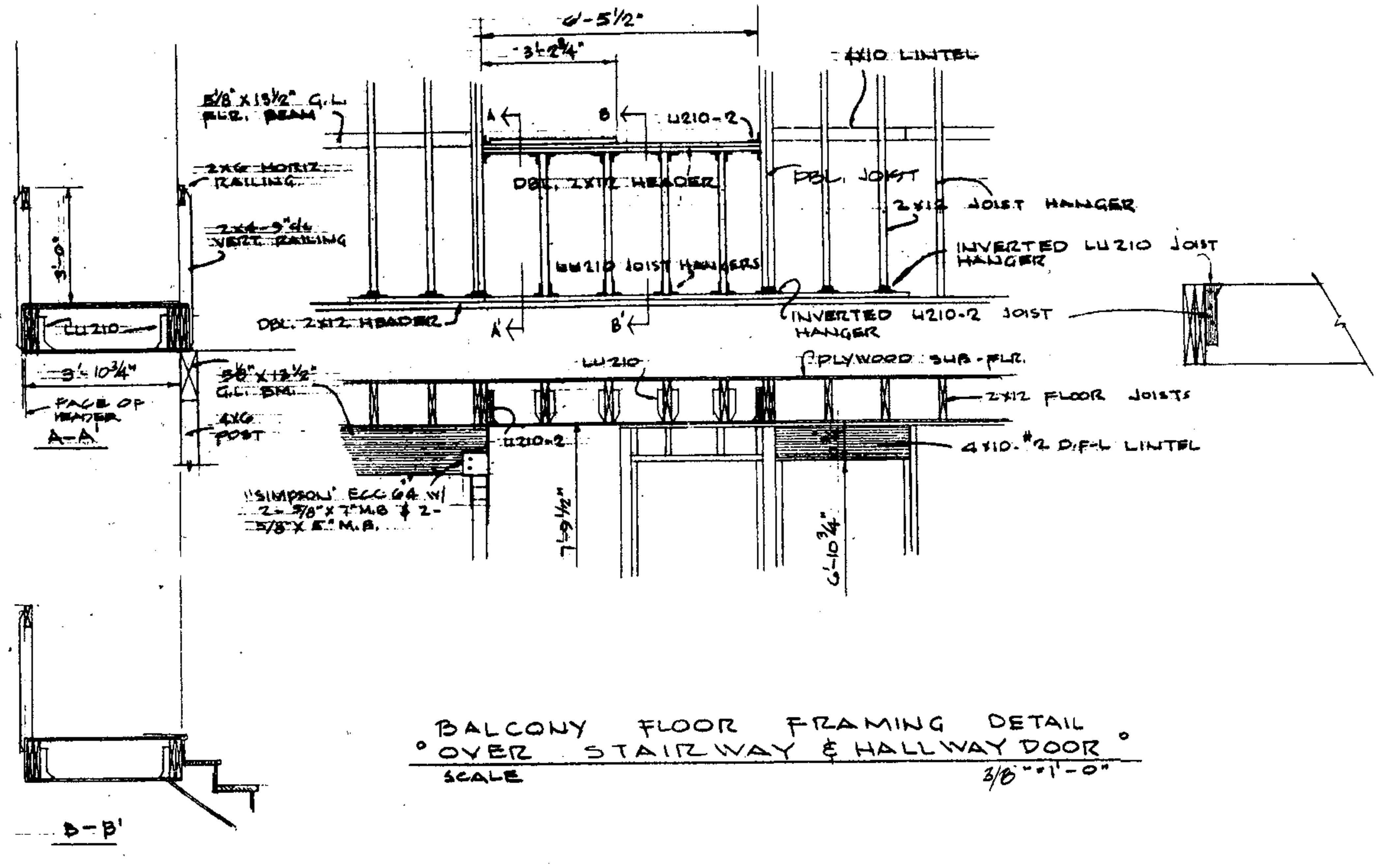
PLAN NUMBER 929-1
SHEET NUMBER 1 of 9



· REAR ELEVATION ·
SCALE 1/4" = 1'-0"



· LEFT SIDE ELEVATION ·
SCALE 1/4" = 1'-0"



· BALCONY FLOOR FRAMING DETAIL ·
OVER STAIRWAY & HALLWAY DOOR
SCALE 3/8" = 1'-0"

NOTE: AS PER COPY RIGHT INFRINGEMENTS, NO ALTERATIONS AND/OR EXPANSIONS OTHER THAN DELETIONS OF SPECIFIED PLANS HAVE BEEN MADE. THIS ATTACHMENT OF CHANGES TO PAGE 2 OF 9 HAVE ONLY DELETIONS AND CONCUR TO OWNER COPY RIGHTS AS PER CONSTRUCTION COPIES.

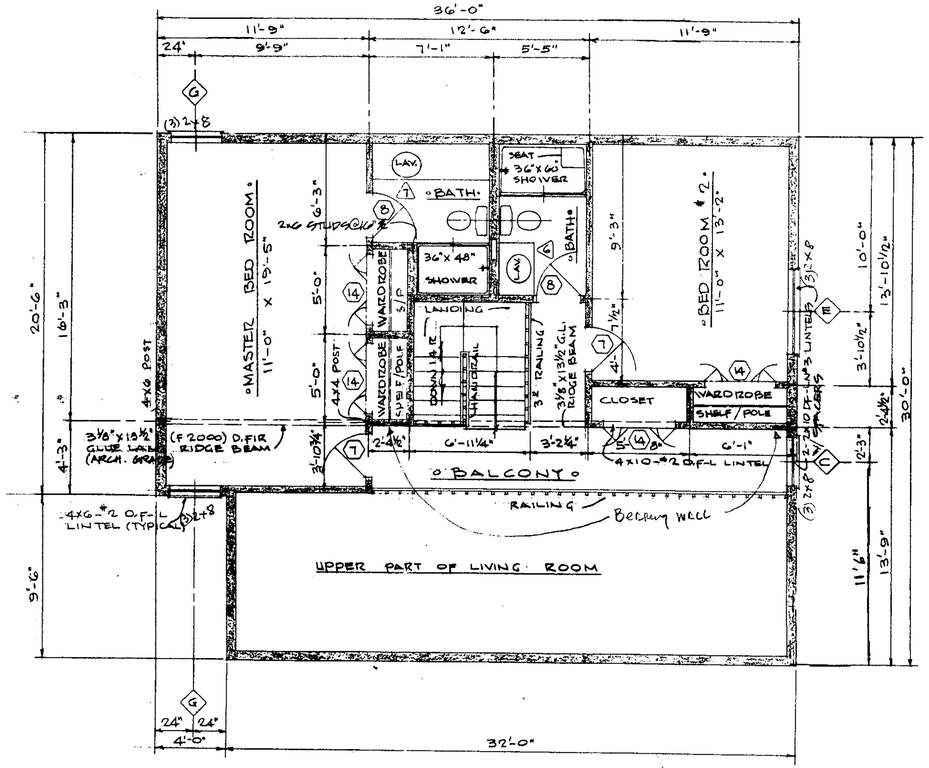
TURKEY CREEK CONSTRUCTION
KENNETH FERRIER

5-31-06

RECD JUN 0 6 2006

HOMESTYLES PLAN SERVICE
6800 FRANCE AVE. SO SUITE 115 MINNEAPOLIS, MN 55435 PH 612-927-6707

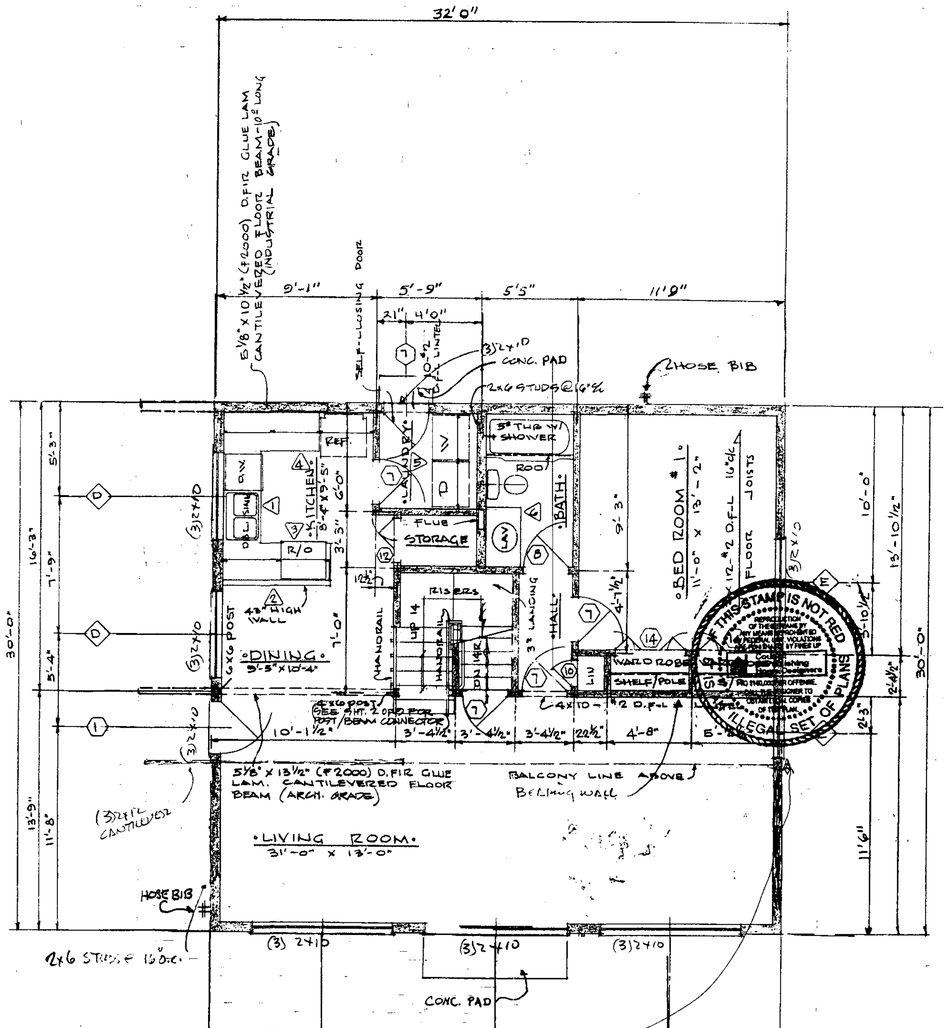
PLAN NUMBER 929-1
SHEET NUMBER 2A of 9



SECOND FLOOR PLAN

SCALE 1/4" = 1'-0"

NOTES:
1. DBL. JOIST UNDER ALL PARTITIONS PARALLEL TO FLOOR JOISTS
2. ALL INTERIOR OPENINGS AT NON-BEARING WALLS TO HAVE 2-2x4 D.F-L CONSTRUCTION GRADE LINTELS, EXCEPT AS NOTED. (FOR FIRST & SECOND FLR).
3. PROVIDE 2-2x10 REG. #2 LINTELS W/ 2x3 SPACER & SINGLE TOP PLATES AT FIRST FLR. FRONT & REAR WALLS



FIRST FLOOR PLAN

SCALE 1/4" = 1'-0"

NOTE: AS PER COPY RIGHT INFRIGEMENTS NO ALTERATIONS AND/OR EXPANSIONS OTHER THAN DELETIONS OF SPECIFIED PLANS HAVE BEEN MADE. THIS ATTACHMENT OF CHANGES TO PAGE 3 OF 3 HAVE ONLY DELETIONS AND CONCER TO OWNER COPY RIGHTS AS PER CONSTRUCTION COPIES.

TURKEY CREEK CONSTRUCTION
KENNETH FERRIER

5/31/06

RECD JUN 06 2006

THIS STAMP IS NOT A LEGAL SET OF PLANS

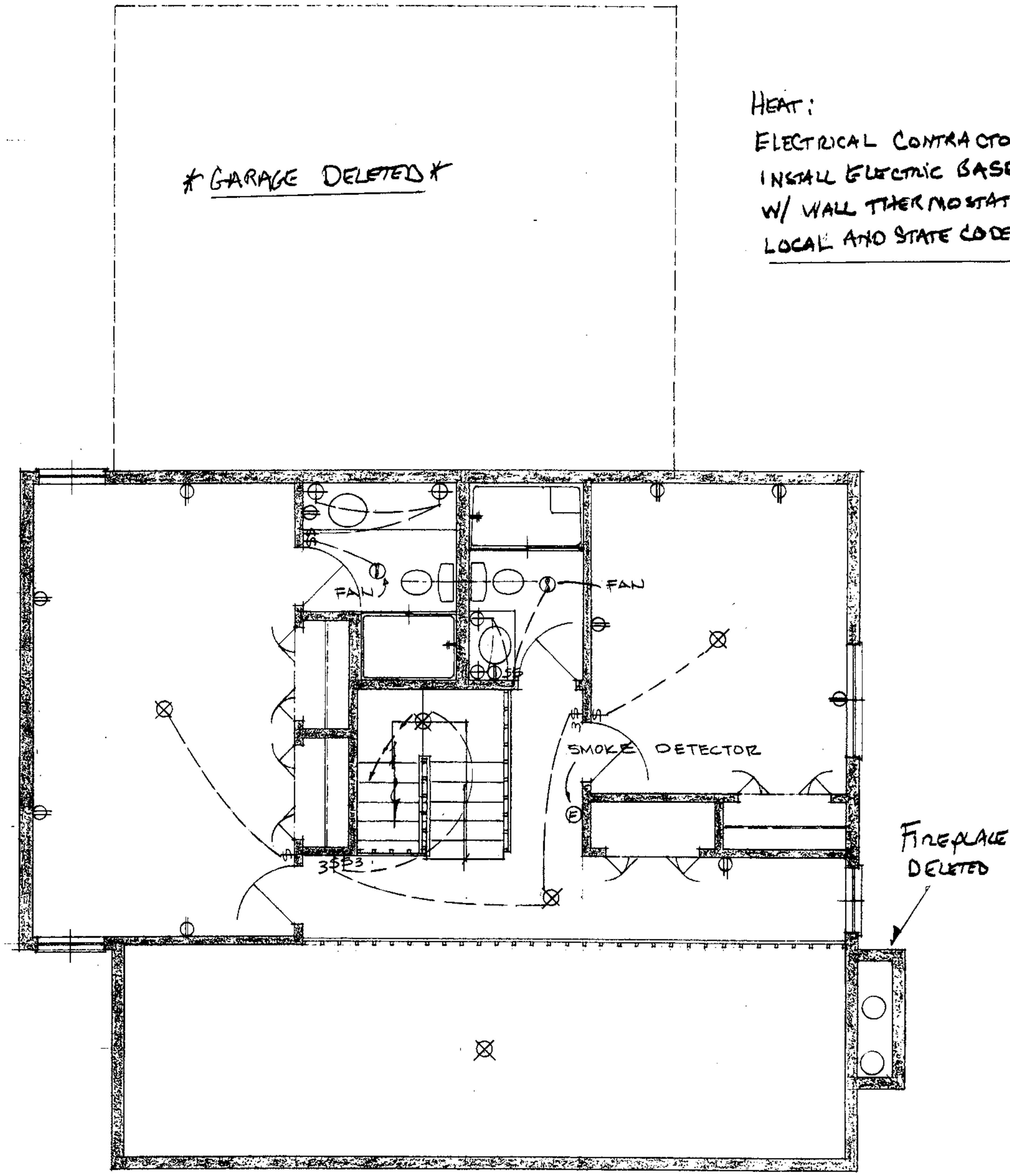
HOMESTYLES PLAN SERVICE
6800 FRANCE AVE. SO SUITE 115 MINNEAPOLIS, MN 55435 PH 612-927-6707

1ST. FLOOR	960 SQ.FT.
2ND FLOOR	685 SQ.FT.

PLAN NUMBER 329-1
SHEET NUMBER 3 OF 3

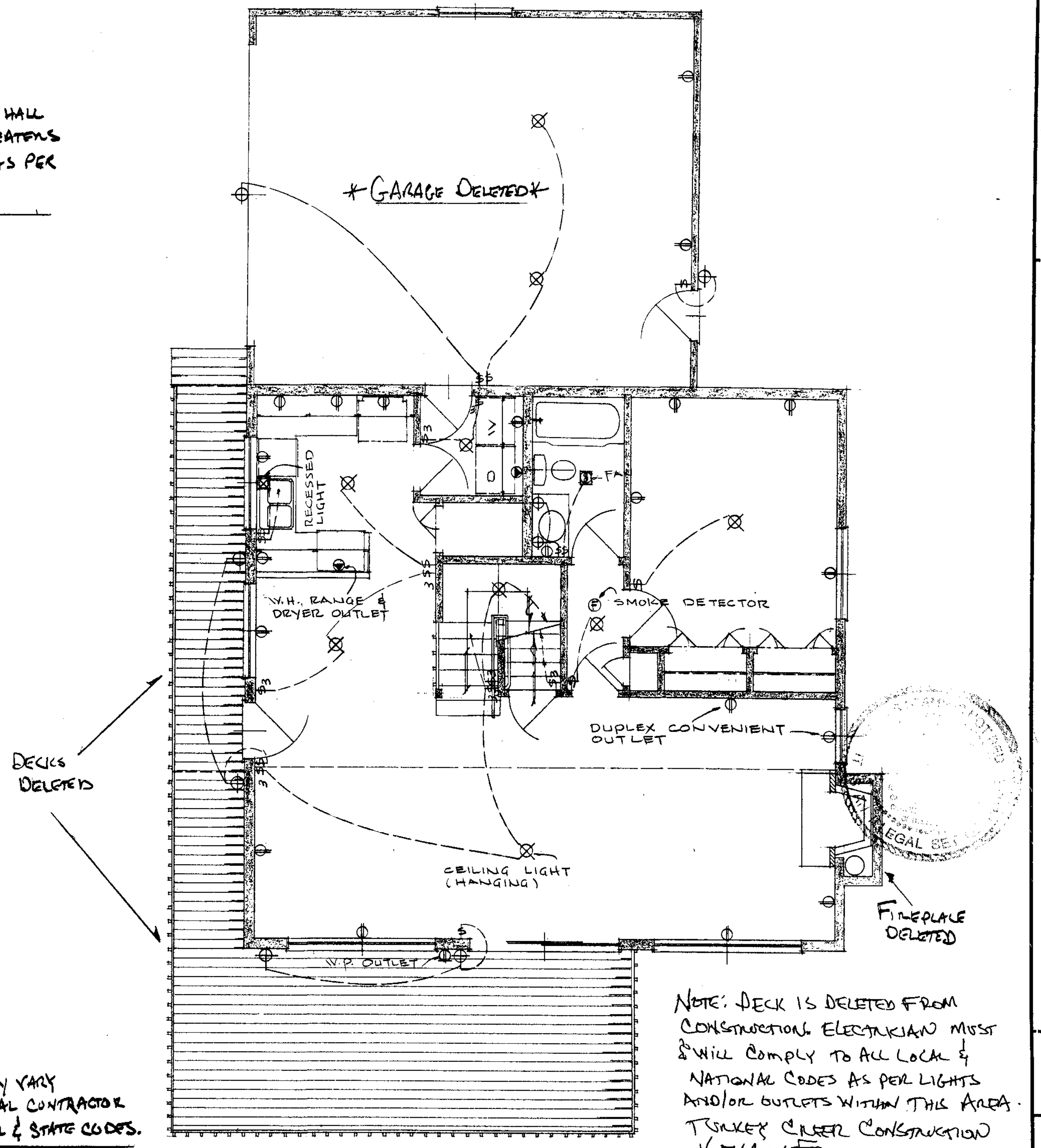
329-1 K 3 of 3
BATH KITCHEN SHEET KITCHEN

CEF, INC. - 10001 CLEARPRINT



·SECOND FLOOR PLAN·

HEAT:
ELECTRICAL CONTRACTOR SHALL INSTALL ELECTRIC BASE HEATERS W/ WALL THERMOSTATS, AS PER LOCAL AND STATE CODES



·FIRST FLOOR PLAN·

NOTE: DECK IS DELETED FROM CONSTRUCTION. ELECTRICIAN MUST & WILL COMPLY TO ALL LOCAL & NATIONAL CODES AS PER LIGHTS AND/OR OUTLETS WITHIN THIS AREA.
TURKEY CREEK CONSTRUCTION
KENNETH FORNIER

PLUMBING:
PLUMBING CONTRACTOR SHALL INSTALL ALL ROUGH IN AND FINISH PLUMBING AS PER LOCAL AND STATE CODES.
PLUMBING CONTRACTOR SHALL TIE IN SEWER AND WATER LINES TO EXISTING, WHICH LED TO DEMO LOCATION OF PREVIOUS STRUCTURE

ELECTRICAL NOTE:
AS BUILT ELECTRICAL MAY VARY FROM PLAS, ELECTRICAL CONTRACTOR SHALL MEET ALL LOCAL & STATE CODES.

·WIRING LAYOUT·

NOTE: SEE SHT. 4 OF 9 FOR BASEMENT FLOOR ELECTRICAL WIRING LAYOUT.

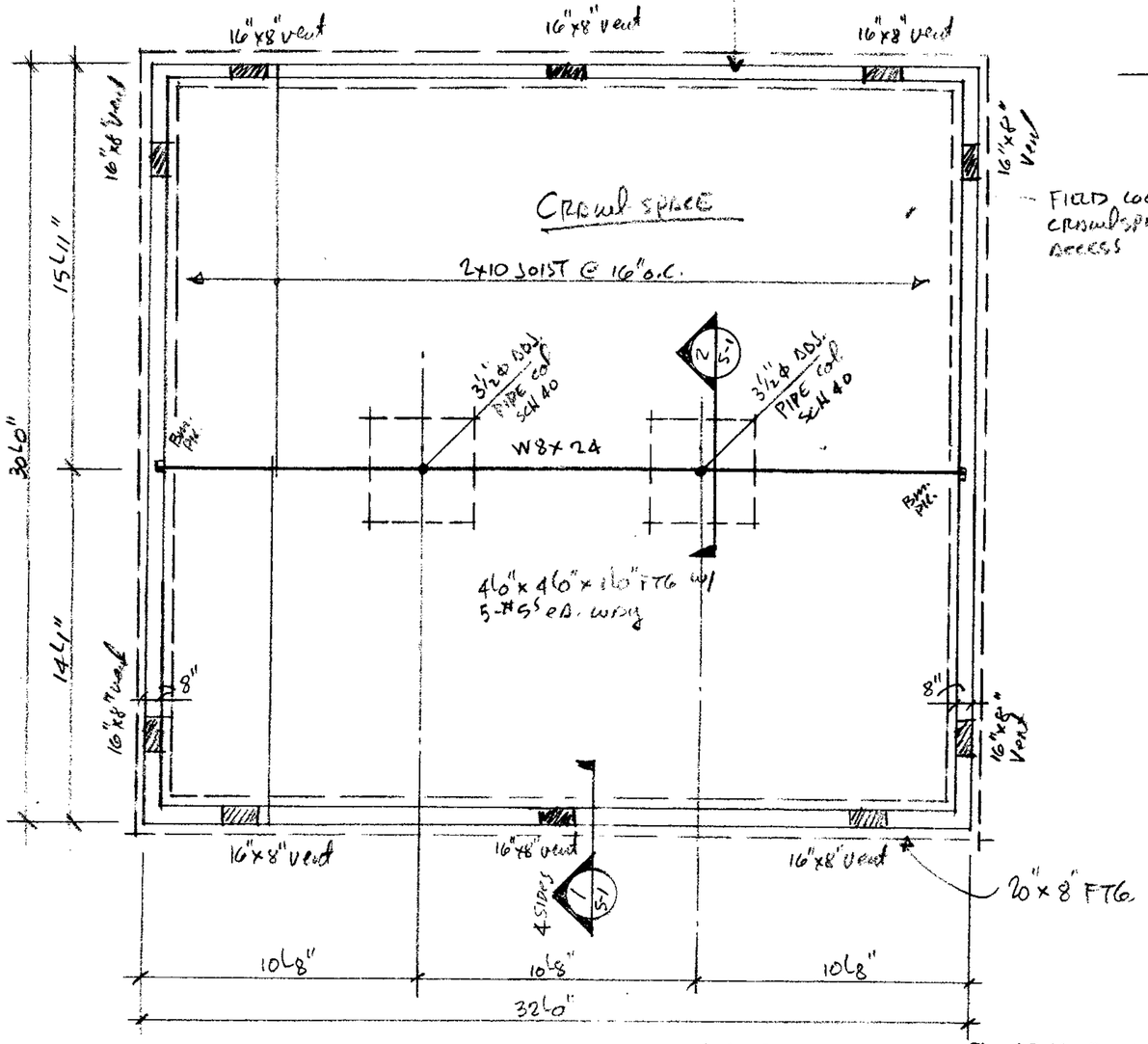
RECD JUN 0 6 2006

HOMESTYLES PLAN SERVICE
6800 FRANCE AVE. SO SUITE 115 MINNEAPOLIS, MN 55435 PH 612-927-6707

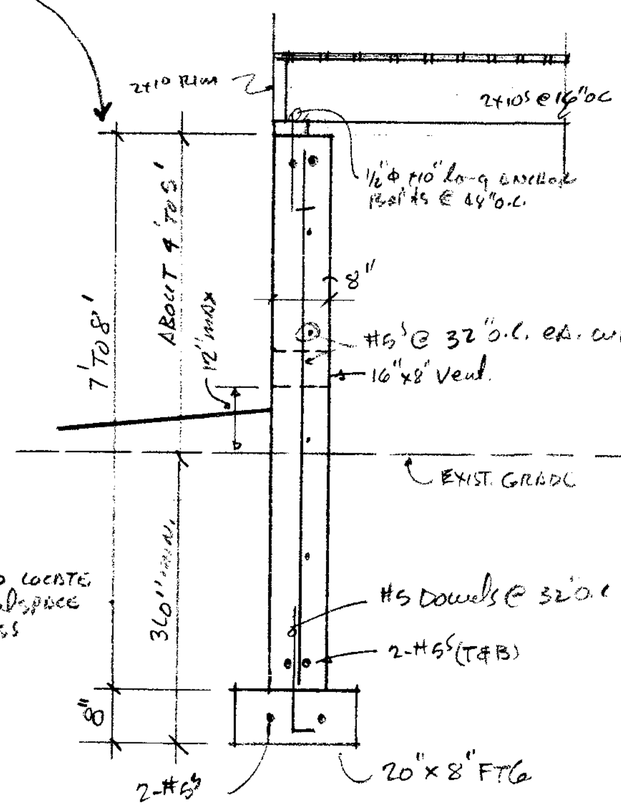
WIRING
SHEET NUMBER 8 of 9
PLAN NUMBER 929-1

TOP OF FOUNDATION
ELEV. 5703.91
BASED ON 1929 NGVD
FEMA MAPS

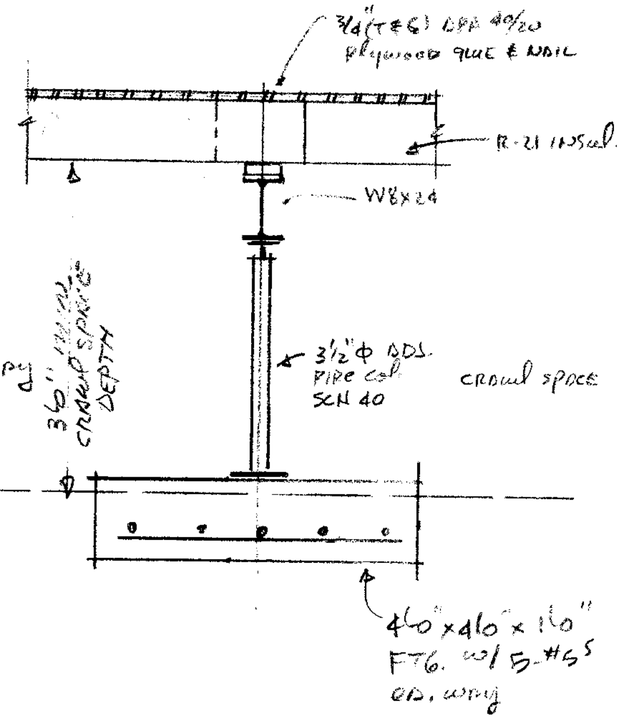
1100 SQ INCHES of
TOTAL VENT AREA
Req'd



FOUNDATION PLAN
SCALE: 1/4"=1'0"



SECTION 1 / S-1
SCALE: 3/4"=1'0"



SECTION 2 / S-1
SCALE: 3/4"=1'0"

1100 SQ.IN. TOTAL vent AREA
16"x8" vent = 128 SQ.IN.
10 vents @ 128 SQ.IN = 1,280 SQ.IN.
1,280 SQ.IN. > 1100 SQ.IN. ok

10 VENTS @ 16"x8"

- SOIL TEST BY: SOIL ANALYTICS #1410 5-17-06
  KEEP A COPY OF THE SOIL REPORT AT THE JOB SITE & REFER TO ITS RECOMMENDATIONS.
- FOUNDATION RECOMMENDATION:
  - SPREAD FOOTINGS:
    SOIL BRNG. PRESSURE (ALL FTGS.) = 1,200 psf
    ~~SOIL BRNG. PRESSURE (FROST WALLS) =~~
    ~~SOIL BRNG. PRESSURE (BSMT. WALLS) =~~
- CONCRETE STRENGTH = 3000 psi AT 28 DAYS.
- CONCRETE REINFORCING STEEL = GRADE 40 / ~~IN LIEU OF 2-#5 (T&B) GRADE 40 MAY BE SUBSTITUTED WITH 2-#4 (T&B) GRADE 60.~~
- PROVIDE ADDITIONAL 2-#5 BARS AROUND ALL CONC. OPENINGS.
- VERIFY ALL DIMENSIONS, DETAILS & ELEVATIONS PRIOR TO THE START OF CONSTRUCTION.
- BUILDING DESIGN LIVE LOADS:
  SNOW = 40 PSF WIND = [illegible] FLOORS = [illegible]
- FOLLOW THE UBC, ~~PBC~~, AND ALL APPLICABLE CODES. 1997 UBC

* CONDITION
  - SUBMIT ELEVATION CERTIFICATE AFTER FORMING BUT PRIOR TO POURING STEMWALL
  - NO CHANGE IN GRADES ALLOWED

City of Golden Permit #_____
Departmental Approval

Planning	Date	
* Engineering	Date	7-11-06
Stormwater	Date	
Env/Bkflw	Date	
Fire Dept	Date	
Building	Date	
Other	Date	

JACK WHITE P.E.
10981 ACOMA ST.
NORTHGLENN, CO.
80234
303-457-4018

6-30-06

715 C ARAPAHOE ST.
GOLDEN, JEFFERSON CO, COLORADO
LOT 1, BLOCK 18, MALTESE MANOR REPLAT

SCALE: NOTED	APPROVED BY:	DRAWN BY JMW
DATE: 6-30-06		REVISED

FOUNDATION PLAN & DETAILS

FOR: KEN FERRIER — DRAWING NUMBER S-1

City of Golden
Council Memorandum

To: The Honorable Mayor and City Council

From: Dan Hartman, Public Works Director

Through: Michael C. Bestor, City Manager

Date: June 27, 2006

Subject: Floodplain Development Permit Approval—715 Arapahoe Street

---

Background:
The owner of the property at 715 Arapahoe Street has applied for a building permit and Floodplain Development Permit to construct a single family residence on the property. This property is in the Arapahoe Gulch Special Flood Hazard Area (the "100-year floodplain").

Section 19.20.040 of the Golden Municipal Code requires the City Engineer to review all Floodplain Development Permits and to make a recommendation of approval or denial to the City Council. City Council is appointed by the Municipal Code to administer and implement the provisions of Chapter 19 regarding Development in the Floodplain. Construction in the floodplain can be permitted if it meets certain criteria established in the Golden Municipal Code and the National Flood Insurance Program.

Vince Auriemma, our City Engineer, has reviewed the permit application and has determined that the proposed construction meets the provisions of Chapter 19 of the Golden Municipal Code and the National Flood Insurance Program.

Fiscal Impact:
There is no fiscal impact to the City for approving or denying the Floodplain Development permit.

Alternatives:
The alternative is to not approve the Floodplain Development Permit for the proposed residence at 715 Arapahoe Street.

Recommendations:
The City Engineer recommends that the City Council approve the Floodplain Development Permit for the proposed single family residence at 715 Arapahoe Street, which is the subject of building permit number 2006-340.

CITY OF GOLDEN

FLOODPLAIN DEVELOPMENT PERMIT

1445 10th Street
Golden, Colorado 80401
City Engineer's Office: (303) 384-8156
Fax: (303) 384-8161
www.cityofgolden.net

Date	Permit Number
6-30-06	

Job Address: 715 ARAPAHOE ST UNIT C		Unit or Suite #	Zip Code
Subdivision: MALTESE MINOR REPLAT		Lot/Block #: 1/18	
Property Owner			Phone No.
Owner's Mailing Address		City / State	Zip Code
Contractor/Applicant: TURKEY CREEK CONST.	Registration #	Contact Person	Phone No.
Architect	Mailing Address, City, State & Zip Code		Phone No.
Engineer: JACK WHITE, PE	Mailing Address, City, State & Zip Code: 10981 ACOMA ST. NORTHGLENN CO 80234		Phone No.: 303-457-4018

Project Description
- ✓ Single Family Residential
- ___ Multifamily Residential
- ___ Manufactured/Mobile Home
- ___ Commercial/Industrial

NEW SFR

Type of Improvement
- ✓ New Construction
- ___ Substantial Improvement (>50%)*
- ___ Improvement (<50%)
- ___ Remodel/Rehabilitation
- ___ Other (describe)

Type of Sitework
- ___ Channelization
- ___ Fill
- ___ Bridge/culvert
- ___ Levee
- ✓ Other (describe)

NO CHANGE TO EXISTING GRADE

Watercourse Name: ARAPAHOE GULCH	Project proposed in the: ___ Floodway ✓ Floodway Fringe	Base flood elev. (100-year) at site: 5702.91
Elevation req'd for lowest floor/floodproofing: 5703.91	Source document/report/map: WRIGHT WATER – ARAPAHOE FLOODPLAIN MAP	

NOTICE!!!

The degree of flood protection provided by the terms of the Golden Municipal Code is, after consideration of numerous relevant factors, considered reasonable for regulatory purposes. Floods of greater magnitude may occur and flood heights may be increased as a result of natural or manmade causes. Further, provisions of these regulations do not imply that areas outside the designated floodplains or land uses permitted within such floodplains will be free from flooding or flood damages. The grant or approval by the city under the regulations as contained in Municipal Code Chapters 19.04 through 19.36 shall not constitute a representation, guarantee, or warranty of any kind or nature by the city, or by any officer, board member, or employee thereof of the practicability or safety of any structure, building, or other proposed use; and shall create no liability upon or cause of action against such public body, officer, board member or employee of the city for any damages from flood or otherwise that may result from such use.

I have read and understand this Notice (initial here)

Proposal Review Checklist

Plans depict floodway and base flood elev.	✓
Engineering data for map and floodway revision	NA
Floodway cert. and data show no inc. in flood height	NA
Subdivision plans minimizes flood damage/protect utilities	NA
Lowest floor elevations are above base (100-yr) flood level	✓
Mfg. and mobile homes are elevated and anchored	NA
Non-residential floodproofing design meets NFIP stds.	NA
Valuation of proposed work	$105,000

Property Owner or Contractor or Authorized Agent Signature — Date: 7-14-06

City of Golden Floodplain Administrator or designee approval — Date: 7-14-06

June 15, 2006

Vince Auriemma
Public Works Department
City of Golden
1445 10th St.
Golden, CO 80401

RE: 715 ARAPAHOE ST., GOLDEN

Dear Mr. Auriemma:

The benchmark used for the survey is known as "Curly" set by Jefferson County which is located on the 6th Avenue frontage road between Indiana and Simm Streets:

The elevation of the proposed building is as follows:

NE Corner: 5702.89 feet
SE Corner: 5701.58 feet
SW Corner: 5700.94 feet

For elevation determination the 1988 datum was used.

Respectfully yours,

Glenn True
P.L.S. 9996
Alpine Surveying Co.

No tie to a 1929 BM.
Asked Kevin to have the surveyor call me.
2pm 6/21/06

6/26/06
Met w/ Ken - he will revise plans and show flood vents.

The NGS Data Sheet

See file dsdata.txt for more information about the datashee

```
DATABASE = Sybase ,PROGRAM = datasheet, VERSION = 7.36
1        National Geodetic Survey,   Retrieval Date = JUNE 2
 AA7126 ***********************************************
 AA7126  DESIGNATION -  CURLY
 AA7126  PID         -  AA7126
 AA7126  STATE/COUNTY-  CO/JEFFERSON
 AA7126  USGS QUAD   -  MORRISON (1994)
 AA7126
 AA7126                        *CURRENT SURVEY CONTROL
 AA7126 ______________________________________________________
 AA7126* NAD 83(1992)-  39 43 28.76492(N)    105 09 45.24087
 AA7126* NAVD 88     -      1794.1    (meters)    5886.
 AA7126 ______________________________________________________
 AA7126  X           -  -1,285,212.904 (meters)
 AA7126  Y           -  -4,742,613.364 (meters)
 AA7126  Z           -   4,055,655.419 (meters)
 AA7126  LAPLACE CORR-         -17.15  (seconds)
 AA7126  ELLIP HEIGHT-        1778.13  (meters)          (12
 AA7126  GEOID HEIGHT-         -15.98  (meters)
 AA7126
 AA7126  HORZ ORDER  -  FIRST
 AA7126  ELLP ORDER  -  FOURTH    CLASS II
 AA7126
 AA7126.The horizontal coordinates were established by GPS o
 AA7126.and adjusted by the National Geodetic Survey in Augu
 AA7126
 AA7126.The orthometric height was determined by GPS observa
 AA7126.high-resolution geoid model.
 AA7126
 AA7126.The X, Y, and Z were computed from the position and
 AA7126
 AA7126.The Laplace correction was computed from DEFLEC99 de
 AA7126
 AA7126.The ellipsoidal height was determined by GPS observa
 AA7126.and is referenced to NAD 83.
 AA7126
```

```
AA7126.The geoid height was determined by GEOID03.
AA7126
AA7126;                        North          East      Units Sca
AA7126;SPC CO C      -   514,811.900   943,331.734   MT  0.9
AA7126;SPC CO C      - 1,689,012.04  3,094,914.20   sFT  0.9
AA7126;UTM  13       - 4,397,210.190   486,067.759   MT  0.9
AA7126
AA7126!              -  Elev Factor  x  Scale Factor =   Com
AA7126!SPC CO C      -   0.99972112  x   0.99999508  =   0.9
AA7126!UTM  13       -   0.99972112  x   0.99960239  =   0.9
AA7126
AA7126                              SUPERSEDED SURVEY CONTROL
AA7126
AA7126  ELLIP H (08/03/95) 1778.17   (m)
AA7126
AA7126.Superseded values are not recommended for survey con
AA7126.NGS no longer adjusts projects to the NAD 27 or NGVD
AA7126.See file dsdata.txt to determine how the superseded
AA7126
AA7126_U.S. NATIONAL GRID SPATIAL ADDRESS: 13SDD8606897210(
AA7126_MARKER: DD = SURVEY DISK
AA7126_SETTING: 7 = SET IN TOP OF CONCRETE MONUMENT
AA7126_STAMPING: CURLY 1994
AA7126_MARK LOGO: JCMD
AA7126_MAGNETIC: N = NO MAGNETIC MATERIAL
AA7126_STABILITY: C = MAY HOLD, BUT OF TYPE COMMONLY SUBJEC
AA7126+STABILITY: SURFACE MOTION
AA7126_SATELLITE: THE SITE LOCATION WAS REPORTED AS SUITABL
AA7126+SATELLITE: SATELLITE OBSERVATIONS - May 09, 2000
AA7126
AA7126  HISTORY      - Date      Condition         Report By
AA7126  HISTORY      - 1994      MONUMENTED        JCMD
AA7126  HISTORY      - 20000509  GOOD              LOCENG
AA7126
AA7126                               STATION DESCRIPTION
AA7126
AA7126'DESCRIBED BY JEFFERSON COUNTY MAPPING DEPARTMENT 199
AA7126'THE STATION WILL BE USED DURING A COLORADO HARN DENS
AA7126'PROJECT.
AA7126'
AA7126'THE STATION IS LOCATED ABOUT 5 MI (8.0 KM) NORTH-NOR
AA7126'MORRISON, 4 MI (6.4 KM) SOUTHEAST OF GOLDEN AND 1 MI
AA7126'NORTHWEST OF RED ROCKS COMMUNITY COLLEGE, IN THE NOR
```

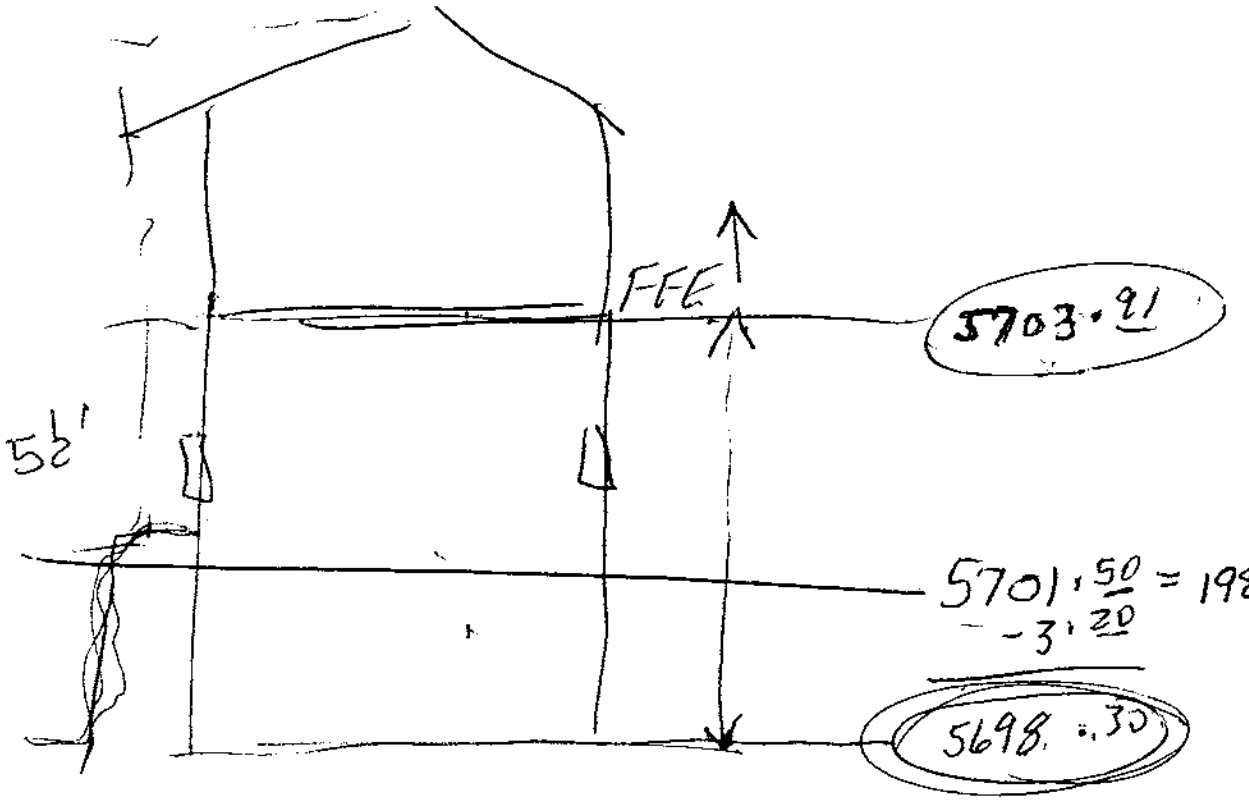
```
AA7126'SECTION 7, T 4 S, R 69 W, 6TH P.M. OWNERSHIP--CITY O
AA7126'
AA7126'TO REACH THE STATION FROM THE INDIANA STREET UNDERPA
AA7126'AVENUE, GO SOUTH ON INIDANA STREET FOR 0.15 MI (0.24
AA7126'LIGHT AND INTERSECTION. TURN LEFT, EAST, ON THE SOUT
AA7126'WEST SIXTH AVENUE AND PROCEED 0.15 MI (0.24 KM) TO T
AA7126'LEFT.
AA7126'
AA7126'THE DISK IS A STANDARD JEFFERSON COUNTY MAPPING DEPA
AA7126'SET IN A 30 CM DIAMETER ROUND CONCRETE POST FLUSH WI
AA7126'IS 55.7 M (182.7 FT) WEST OF THE EXTENDED CENTER OF
AA7126'35.8 M (117.5 FT) WEST OF THE WEST END OF A GUARD RA
AA7126'FT) EAST OF THE EXTENDED CENTER OF THE DRIVEWAY AT 1
AA7126'AVENUE, 5.9 M (19.4 FT) NORTH OF THE CENTER OF THE F
AA7126'M (11.8 FT) SOUTH OF A CHAINLINK RIGHT-OF-WAY FENCE,
AA7126'WEST OF A HIGHWAY DELINEATOR AND FIBERGLASS NGS WITN
AA7126'(3.12 FT) NORTH OF THE NORTH CURB OF THE FRONTAGE RO
AA7126'LEVEL WITH THE FRONTAGE ROAD VERNON CANYON ROAD, 0.5
AA7126'OF A NGS FIBERGLASS WITNESS POST, AND ABOUT 3.4 M (1
AA7126'ROAD..
AA7126
AA7126                          STATION RECOVERY (2000)
AA7126
AA7126'RECOVERY NOTE BY LOCAL ENGINEER (INDIVIDUAL OR FIRM)
AA7126'RECOVERED IN GOOD CONDITION.
1        National Geodetic Survey,   Retrieval Date = JUNE 2
KK1370 ***********************************************
KK1370  DESIGNATION -  L 407
KK1370  PID         -  KK1370
KK1370  STATE/COUNTY-  CO/JEFFERSON
KK1370  USGS QUAD   -  GOLDEN (1994)
KK1370
KK1370                          *CURRENT SURVEY CONTROL
KK1370 ______________________________________________________
KK1370* NAD 83(1986)-  39 45 41.      (N)     105 13 25.
KK1370* NAVD 88     -      1742.805  (meters)     5717.85
KK1370 ______________________________________________________
KK1370  GEOID HEIGHT-          -15.52  (meters)
KK1370  DYNAMIC HT  -         1741.057 (meters)     5712.12
KK1370  MODELED GRAV-      979,562.9   (mgal)
KK1370
KK1370  VERT ORDER  -  FIRST     CLASS II
KK1370
```

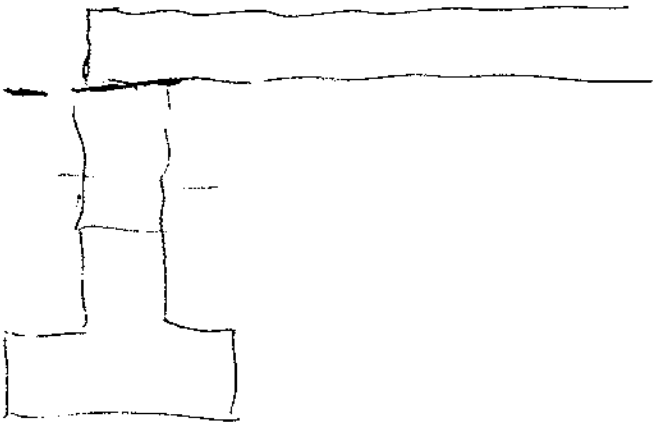
KK1370.The horizontal coordinates were scaled from a topogr
KK1370.an estimated accuracy of +/- 6 seconds.
KK1370
KK1370.The orthometric height was determined by differentia
KK1370.and adjusted by the National Geodetic Survey in June
KK1370
KK1370.The geoid height was determined by GEOID03.
KK1370
KK1370.The dynamic height is computed by dividing the NAVD
KK1370.geopotential number by the normal gravity value comp
KK1370.Geodetic Reference System of 1980 (GRS 80) ellipsoid
KK1370.degrees latitude (g = 980.6199 gals.).
KK1370
KK1370.The modeled gravity was interpolated from observed g
KK1370
KK1370; North East Units Est
KK1370;SPC CO C - 518,870. 938,090. MT (+/
KK1370
KK1370 SUPERSEDED SURVEY CONTROL
KK1370
KK1370 NGVD 29 (??/??/??) 1741.828 (m) 5714.65
KK1370
KK1370.Superseded values are not recommended for survey con
KK1370.NGS no longer adjusts projects to the NAD 27 or NGVD
KK1370.See file dsdata.txt to determine how the superseded
KK1370
KK1370_U.S. NATIONAL GRID SPATIAL ADDRESS: 13SDE808012(NAD
KK1370_MARKER: DB = BENCH MARK DISK
KK1370_SETTING: 38 = SET IN THE ABUTMENT OR PIER OF A LARGE
KK1370_SP_SET: PIER
KK1370_STAMPING: L 407 1984
KK1370_MARK LOGO: NGS
KK1370_STABILITY: B = PROBABLY HOLD POSITION/ELEVATION WELL
KK1370
KK1370 HISTORY - Date Condition Report By
KK1370 HISTORY - 1984 MONUMENTED NGS
KK1370
KK1370 STATION DESCRIPTION
KK1370
KK1370'DESCRIBED BY NATIONAL GEODETIC SURVEY 1984
KK1370'IN GOLDEN.
KK1370'IN GOLDEN, AT THE JUNCTION OF STATE HIGHWAY 58 AND F
KK1370'VERTICALLY IN THE SOUTHWEST FACE OF THE MOST NORTHWE

KK1370'COLUMNS OF THE 2ND PIER NORTHEAST OF THE SOUTHWEST A
KK1370'HIGHWAY OVERPASS OVER THE STREET, AND 10.4 METERS (3
KK1370'OF THE CENTERLINE OF THE STREET.
KK1370'THE MARK IS 1.4 M ABOVE THE GROUND.

*** retrieval complete.
Elapsed Time = 00:00:00

3.1 - 3.3'
3.2





SOIL ANALYTICS AND FOUNDATION
ENGINEERING, INC.
MICHAEL A. LAIRD, P.E., PRESIDENT
CONSULTANTS IN CIVIL ENGINEERING
10450 WEST VIRGINIA AVENUE
LAKEWOOD, COLORADO 80226-2648

303-988-9229

#2006-340
REC'D JUN 0 6 2006

JOB #4518

May 17, 2006

Mr. Ken Ferrier
Turkey Creek Construction
16048 Turkey Creek Road
Morrison, Colorado 80465

Telephone: (O) 303-697-5429
(C) 303-718-6115

Subject: Subsurface exploration for a proposed residence which is to be constructed at the rear of a developed property and which will have the address 715 C Arapahoe Street, Golden, Jefferson County, Colorado. Purported legal description: Lot 1, Block 18, Maltese Minor Replat.

Dear Mr. Ferrier:

As requested, we conducted a subsurface exploration to develop foundation design recommendation for the proposed construction at the subject site on May 10, 2006. The subsurface exploration was performed by drilling two test borings to depths of 20'-0" and 20'-0" within the planned construction area. The locations of the test borings and the logs of subsurface materials are enclosed. The discussion and recommendations presented below are based on the results of data gathered during the subsurface exploration, observation of general field conditions, and previous experience in the area with similar materials.

PROPOSED CONSTRUCTION

Based on conversations, we understand that a two-story house which will not have a basement level will be constructed at the location shown on Figure #1. Our client has told us that the site is located in a flood plain and that the grade over the homesite will need to be raised about 1 foot to elevate it above flood level. In view of these considerations, our client's stated intention is to construct the groundlevel floor as a slab-on-grade within reinforced concrete foundation frost walls.

SITE AND SUBSURFACE CONDITIONS

The site of the proposed construction is a gently sloping developed parcel in an urban area. The site is apparently zoned for more than one structure and an existing multi-unit dwelling is located about 24 feet to the southwest of the proposed homesite.

The proposed structure will be built in the rear portion of the property over the area of our foundation test borings, whose locations are shown on Figure 1. Generally speaking, the ground surface in the area of the proposed construction slopes toward the southeast at about 0 to 3 percent. The existing ground cover consists of grass, weeds, trees, shrubs, bark chips and other thin fill deposits.

A notable site feature is located about 20 feet to the northeast of the proposed structure near and along the rear property line. A flowing drainageway, having a depth of 7.5 feet (±) and having a stone-retained side, is located here. We strongly recommend that the proposed structure be located no nearer to the rear property line than is shown herein on Figure 1.

Subsurface conditions encountered by the test borings are variable with depth below groundlevel. Foundation Boring #1, which was drilled near the southwest corner of the proposed construction, encountered variable consistency and moist topsoil materials from groundlevel to a depth of 0'-6"(±); moderate consistency and moist to very moist sand-clays from 0'-6"(±) to 14'-0"; and moderate density and wet clayey gravel and sand materials from 14'-0" to at least 20'-0", the maximum depth explored. Foundation Boring #2, which was drilled in the north portion of the proposed construction, encountered variable consistency and moist topsoil materials from groundlevel to a depth of 0'-6"(±); moderate consistency and moist to very moist sand-clays from 0'-6"(±) to 15'-0"; and moderate density and wet clayey gravel and sand materials from 15'-0" to at least 20'-0". Free groundwater formed in the borings at depths of 12'-0" and 14'-2" while we were at the site.

TEST RESULTS AND GEOTECHNICAL CONSIDERATIONS

The subsurface materials encountered were carefully observed as the cuttings were recovered from the test borings, and the resistance of the materials to the advancement of the drilling augers was noted. In addition, Field Penetration Tests were performed at selected depths to assist in evaluating the

allowable bearing value of the soils and to provide undisturbed samples for precise examination and testing. The results of swell-consolidation tests and grain size analysis which were performed on representative subgrade samples are attached to this report.

Based on the results of the exploration combined with previous experience with similar subsoil conditions, the most pertinent foundation engineering characteristics and considerations at the site are as follows:

1. The sand-clay soils encountered above and below the typical depth of frost penetration are susceptible to frost action. Therefore, the structural foundation footings should bear at least 3 feet below groundlevel to provide protection against frost action. The footings should also bear at least 3 feet below present groundlevel at all locations to reduce the risk that upper weak soil areas are located at bearing level.

2. The sand-clay soils encountered at and below the proposed bearing level of 3 feet are non swelling at the observed moisture and density levels. The allowable bearing capacity of this layer is low-moderate based on the attached test results.

3. Proposed frost wall level footings should be designed for a relatively low allowable bearing value in order to reduce the risk of differential settlement of the foundation elements.

4. The owner and the foundation contractor should understand that clayey soils exposed at bearing level may become more expansive and potentially damaging to slabs and foundations if they dry and are over compacted to high density levels at low moisture contents. If it is necessary to rework and compact clayey subgrade materials, the compacted density should be 95 percent of standard Proctor maximum density and the moisture content should be optimum moisture content plus 2 percent.

FOUNDATION RECOMMENDATIONS

Conventional Footing Foundation System

Footings should be constructed to bear at least 3.0 feet below existing and final grade to provide protection against frost action. Any and all disturbed or

incompetent soils present at bearing level should be removed and replaced with properly compacted structural fill as defined in a later report section. All footing foundations for the proposed construction which are placed as indicated above should be designed for a maximum allowable soil bearing pressure of 1,200 psf. The exact determination of actual foundation sizes and areas will be made based on the plans for the proposed construction, the criteria given above, and calculations by the foundation design engineer. In addition, we recommend that all continuous concrete foundation walls contain sufficient horizontal reinforcing to enable them to span an unsupported distance of at least 15 feet or greater as may be required by the design.

LATERAL EARTH PRESSURES ON FOUNDATIONS

Desirable materials for use as backfill adjacent to foundation walls are well graded granular materials such as CDOT class 6 base. In the event that the owner desires to use site soils as exterior backfill, the most friable and clod free soils from the excavation may be considered for use as backfill for foundation walls. Provided that the fill is moderately compacted using suitable equipment to the extent that it does not settle after construction, any walls which are subject to unbalanced lateral earth pressures should be designed for an equivalent fluid unit weight of at least 50 pounds per cubic foot. Care must be taken not to overcompact the backfill or to operate heavy equipment above the foundation wall backfill since this may result in excessive lateral forces on the foundation walls. Do not puddle the backfill since the trapped moisture will percolate downward over time and may result in subgrade movement.

PREPARATION OF UNSUITABLE FOUNDATION BEARING AREAS

Professional care must be used in the preparation of all foundation bearing areas in order to help optimize future foundation performance. Prior to foundation construction the base of the completed excavation should be thoroughly prepared. All unsuitable foundation materials, including all loose, incompetent, disturbed, and frozen soils, must be completely removed from foundation bearing areas and the resulting excavation backfilled with good quality, non expansive, structural fill materials (CDOT class 6 base is acceptable) compacted to 100 percent of standard Proctor maximum density at optimum moisture content or else the foundations must be extended sufficiently deep to bear on the underlying natural undisturbed materials. All structural fill must be compacted in 6-inch lifts to the stated density level and

moisture content. The compacted backfill must extend upward to the level of all structural foundation elements.

FLOOR SYSTEMS

Generally speaking, we prefer the use of a groundlevel floor which is structurally supported over a crawl space to the use of a groundlevel slab-on-grade floor. We believe that a structurally supported floor has a lower risk of subgrade induced movement over time. Nevertheless, we also agree with our client that the presence of a flood plain at the site tends to support the use of a slab-on-grade floor. Therefore, we will not oppose the use of a slab floor provided that excellent subgrade preparation is performed and that all related recommendations and requirements contained herein are carefully followed.

As indicated above, it is possible that some future slab movement could occur due to volume change of the sand-clay subgrade soils. Therefore, the details outlined below should be carefully followed. These measures may not necessarily prevent slab movements. However, they will help prevent any slab movements that do occur from affecting either the foundation system or the building.

1. Initially, remove all existing topsoil and all other compressible materials present over the proposed slab area. Use compacted structural fill as backfill to establish the design slab bearing level. We recommend that at least 12 inches of structural fill be placed below slab bearing level.

2. Separate the slabs from all bearing members and utility lines to allow their independent movement--construct "floating" slabs. Provide positive control joints at the junction of the slabs with foundation walls, and provide frictionless sleeves for all utility lines and columns which pass through slabs.

3. Contraction joints having a minimum depth of 1/4 of the thickness of the slabs and a width of at least 1/8-inch should be scored or sawed at spacings not to exceed 10'-0" on centers.

4. Construct a minimum 2-inch slip joint above or below partitions on slabs. In addition, flexible connections should be provided for all slab bearing mechanical equipment to allow for at least 2 inches of free vertical movement.

5. All clayey materials present should be maintained to prevent them from becoming expansive. Clayey materials may become expansive if they dry or if they are overcompacted to a high density level. In the event it becomes necessary to rework any of the existing subgrade soils below slabs, they should be uniformly compacted to 95 percent of standard Proctor maximum density at their optimum moisture content plus 2 percent to limit their potential for expansion. If the excavation is to be open and exposed to hot, dry conditions for more than a day or so, the surface can be temporarily covered with a moisture barrier to prevent drying and evaporation from occurring.

STRUCTURAL FILL REQUIREMENTS

Structural fill should be used below flatwork in all areas where fill is needed to establish the design slab grade and/or to replace incompetent soils. Likewise, structural fill should be used to restore grade following the removal of incompetent materials from below the locations of footings. Structural fill should also be used in any other areas where structural accessories would be negatively affected by ground shifting over time. Structural fill should be placed in accordance with accepted good practice.

We recommend that the structural fill conform to the Colorado Department of Transportation requirement for class 6 aggregate base course. As an option clean, sound, crushed rock with a nominal size of 3/4 inch can be used. The standard Proctor procedure (ASTM D698) should be used to develop the compaction curve(s) for the fill soil(s) to be used. All such fill must be uniformly moisture conditioned to within 2% below to 2% above optimum moisture content and compacted with appropriate equipment in thin lifts not exceeding 6 inches in compacted thickness. Depending on location, the following minimum percentages of the maximum dry density as determined by the standard Proctor procedure are recommended for structural fill and backfill:

- Below footing foundations..... 100%
- Below floor slabs..... 95%
- Below paved areas..... 95%
- Behind retaining walls.....92-94%
- Common fill area..... 90%

BACKFILL AND SURFACE DRAINAGE

In order to optimize structural performance over time, the foundation soils should be protected from being excessively wetted after construction. This can generally be assisted by using a suitable backfill and by compacting the backfill sufficiently so that it does not settle following construction. Some moisture can be blended with the backfill in the stockpile but away from foundation locations to facilitate compaction. However, the backfill must not be puddled.

If any settlement should occur in the backfill, it could adversely affect utility lines which transmit fluids and pass through the foundation walls. It is not uncommon for such piping to shear at the foundation walls due to movements in the backfill. It is recommended that the pipes pass through slotted openings in the foundation walls or that flexible connections be used to compensate for shifting of the foundation wall backfill. It is also recommended that all water lines be carefully pressure tested prior to final acceptance and that any leaks detected be repaired.

The final grade should be sloped away from the structure on all sides. A minimum slope of 10 percent in the first 10 feet is recommended. All downspouts should discharge into extensions which slope away from the foundation walls and extend beyond the limits of all backfill. The points of discharge should be at least 5 feet from the foundation walls or onto paved areas and good drainage should be maintained at and beyond these points.

SUBSURFACE UNDERDRAIN

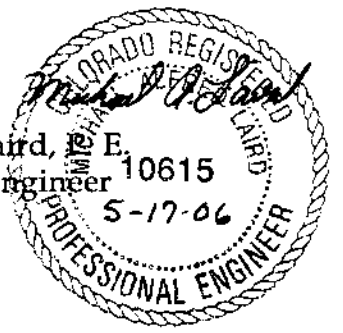
The results of the exploration indicate that a subsurface underdrain system is not required for the proposed non basement construction.

LIMITATIONS

The above recommendations are based on the exact location where the test holes were drilled, the proposed construction, and the assumption that the subsurface conditions do not vary greatly from those encountered in the test borings. In the event that any unforeseen conditions different from those described herein are encountered, the soil engineer must be notified immediately. The exploration covered in this report has been conducted in accordance with commonly accepted geotechnical engineering practice in the Denver area, and no other warranty, expressed or implied, is made.

This report has presented basic foundation design recommendations. If you should have any questions, or if I can be of further service, please do not hesitate to give me a call for clarification.

Sincerely yours,



Michael A. Laird, P.E.
Consulting Engineer

MAL/vjs
enc

LOG OF SUBSURFACE CONDITIONS

(See Figure 1 for Test Hole Locations)

DEPTH	DESCRIPTION

FOUNDATION TEST BORING #1

0'-0" - 0'-6"(±)	TOPSOIL (SC), variable consistency, sand and clay mixture with humic matter and extraneous fill, black-brown, moist.
0'-6"(±) - 14'-0"	* SAND-CLAY (SC), moderate consistency, coarse to fine grained sands and gravelly sands with a variable amount of silt and clay, black-brown to brown, moist to very moist.
14'-0" - 20'-0"	CLAYEY GRAVEL & SAND (GC-SC), moderate density, brown, wet.

*NOTE: Free groundwater formed in this boring at a depth of about 12'-0" while we were at the site.

FOUNDATION TEST BORING #2

0'-0" - 0'-6"(±)	TOPSOIL (SC), variable consistency, sand and clay mixture with humic matter and extraneous fill, black-brown, moist.
0'-6"(±) - 15'-0"	* SAND-CLAY (SC), moderate consistency, coarse to fine grained sands and gravelly sands with a variable amount of silt and clay, black-brown to brown, moist to very moist.
15'-0" - 20'-0"	CLAYEY GRAVEL & SAND (GC-SC), moderate density, brown, wet.

*NOTE: Free groundwater formed in this boring at a depth of about 14'-2" while we were at the site.

NOTES

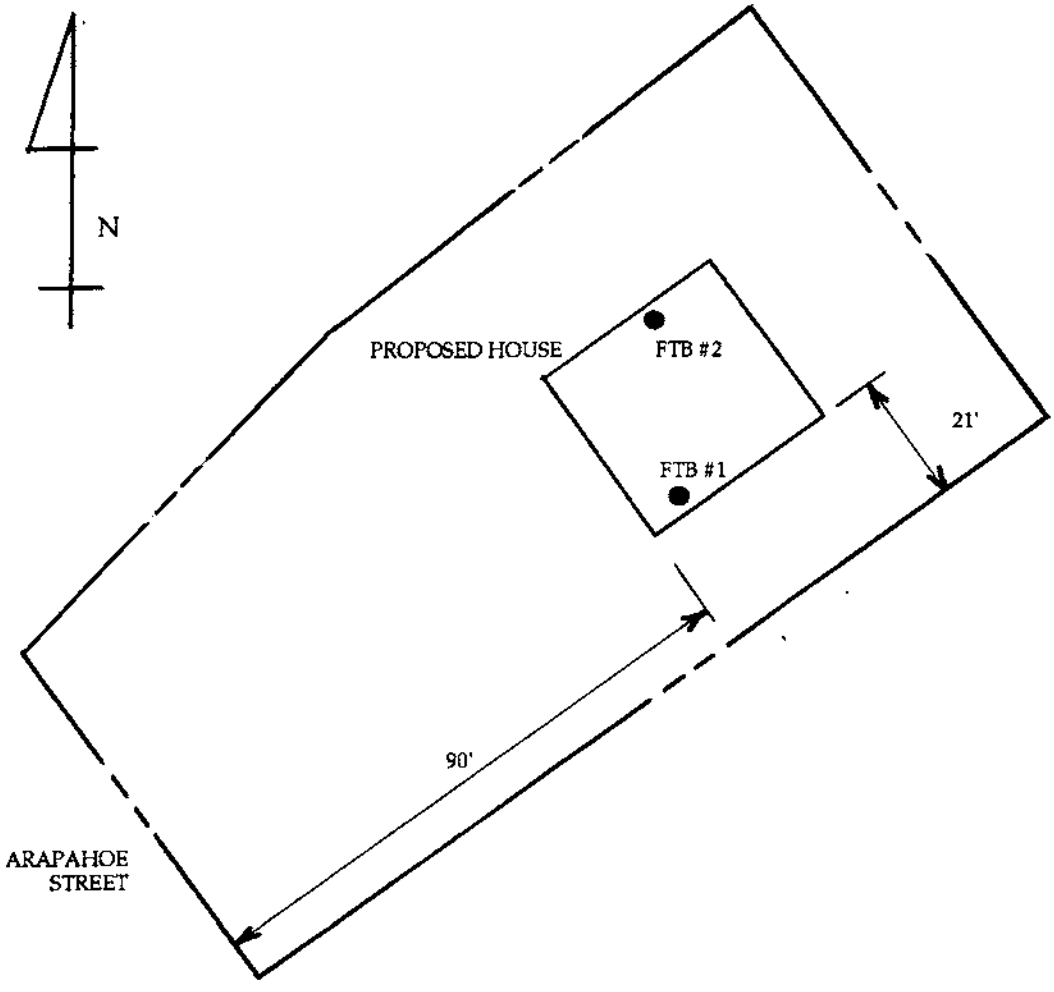
1. The exploratory test borings were drilled on May 10, 2006.

2. The locations of the test borings are shown on Figure 1. It is not warranted that the subsurface conditions given above are representative of conditions at other locations and other times. In the event that conditions different from those described herein are encountered during construction, the soil engineer must be notified immediately.

3. Free groundwater formed in the borings at the depths listed above while we were at the site.

TEST RESULTS

1. Field Penetration Test at 1'-6" in Boring #1: 5 blows/foot.
2. Field Penetration Test at 3'-6" in Boring #1: 7 blows/foot.
3. Field Penetration Test at 6'-0" in Boring #1: 7 blows/foot.
4. Field Penetration Test at 9'-0" in Boring #1: 8 blows/foot.
5. Field Penetration Test at 4'-0" in Boring #2: 8 blows/foot.
6. Field Penetration Test at 7'-6" in Boring #2: 10 blows/foot.



715 C ARAPAHOE STREET, GOLDEN, JEFFERSON COUNTY, COLORADO
PURPORTED LEGAL DESCRIPTION: LOT 1, BLOCK 18, MALTESE MINOR REPLAT

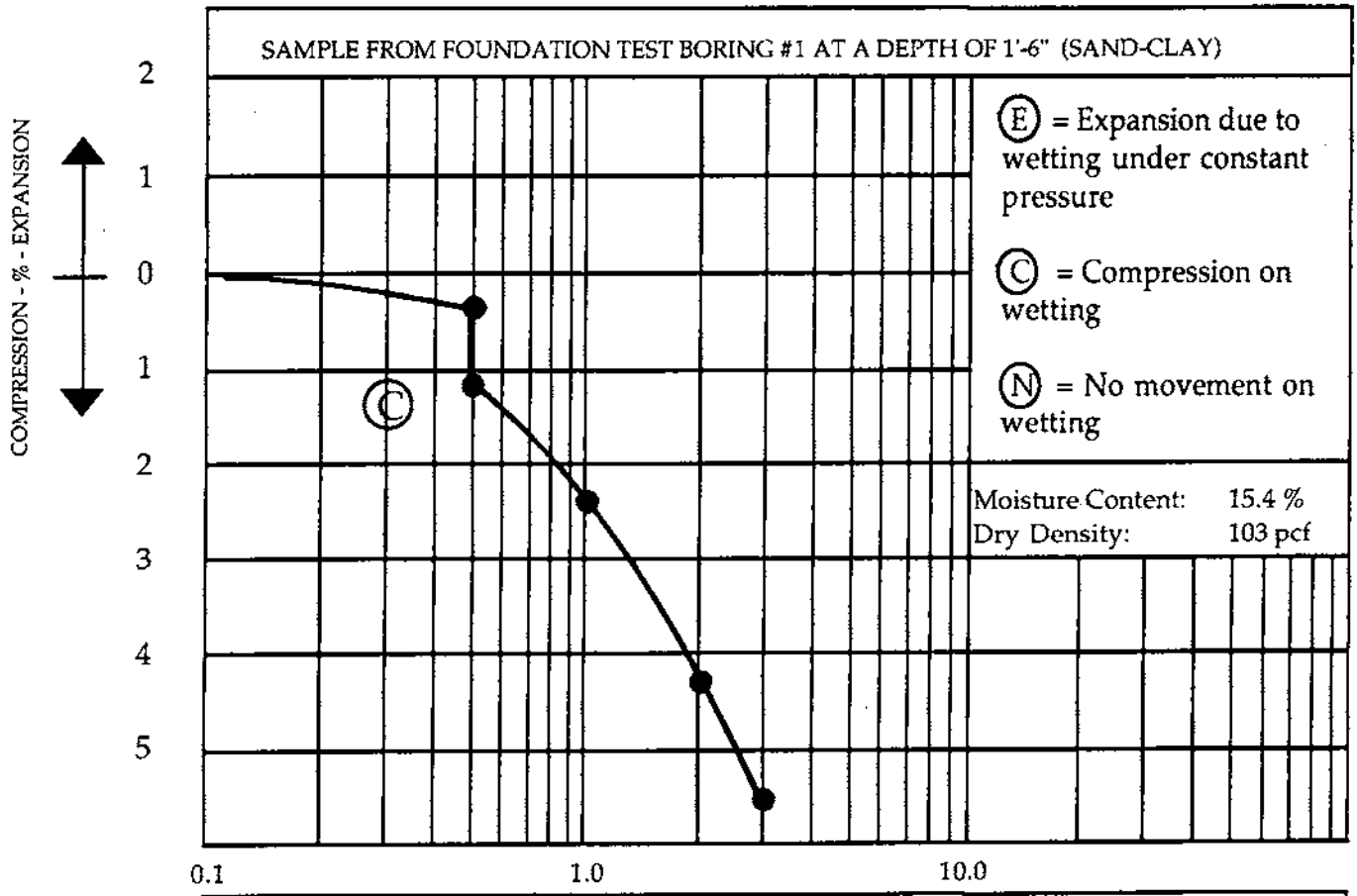
TEST HOLE LOCATION PLAN

1" = 30'-0"

FIGURE 1

SOIL ANALYTICS AND FOUNDATION ENGINEERING, INC.

ONE DIMENSIONAL SWELL/CONSOLIDATION TEST



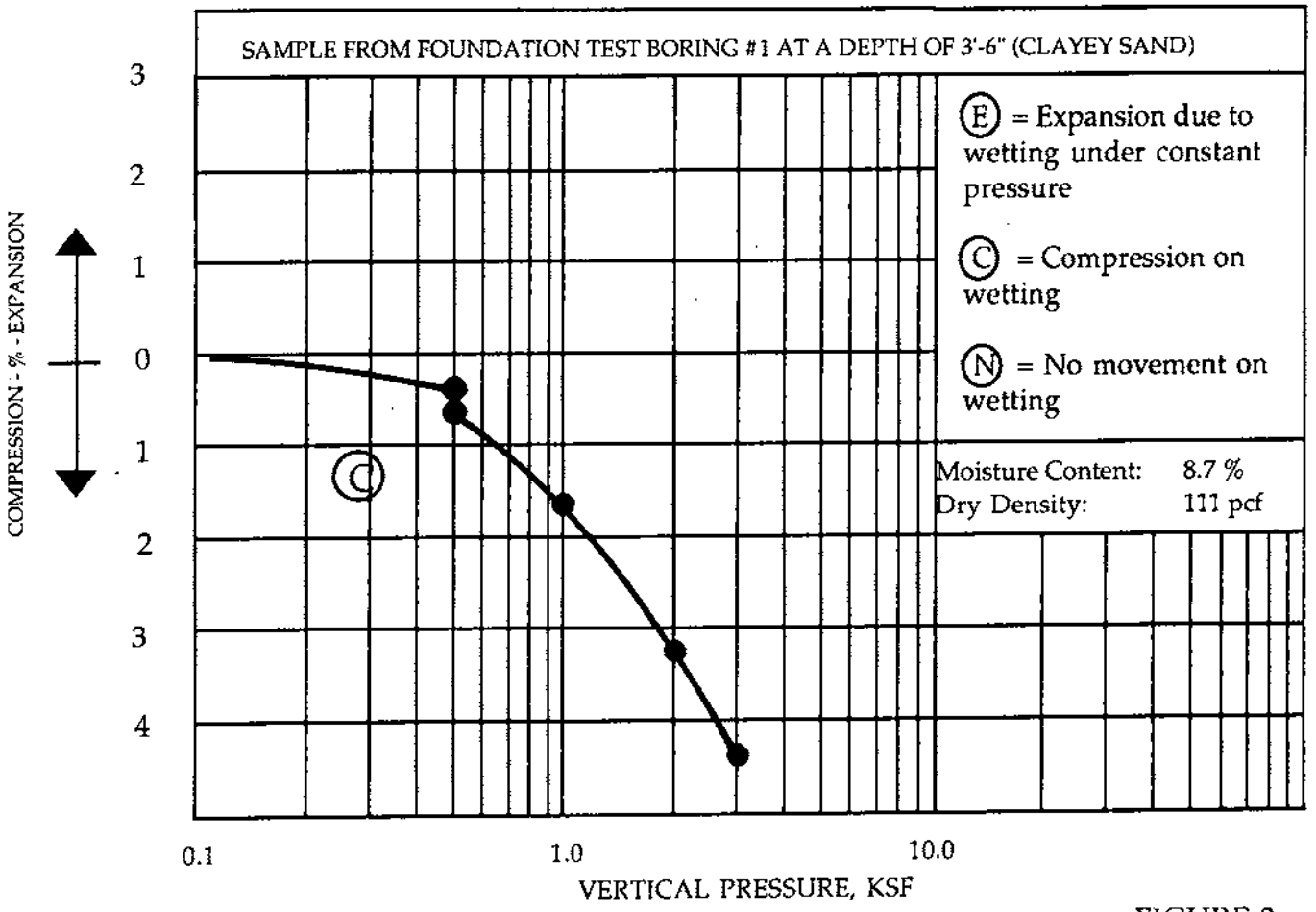
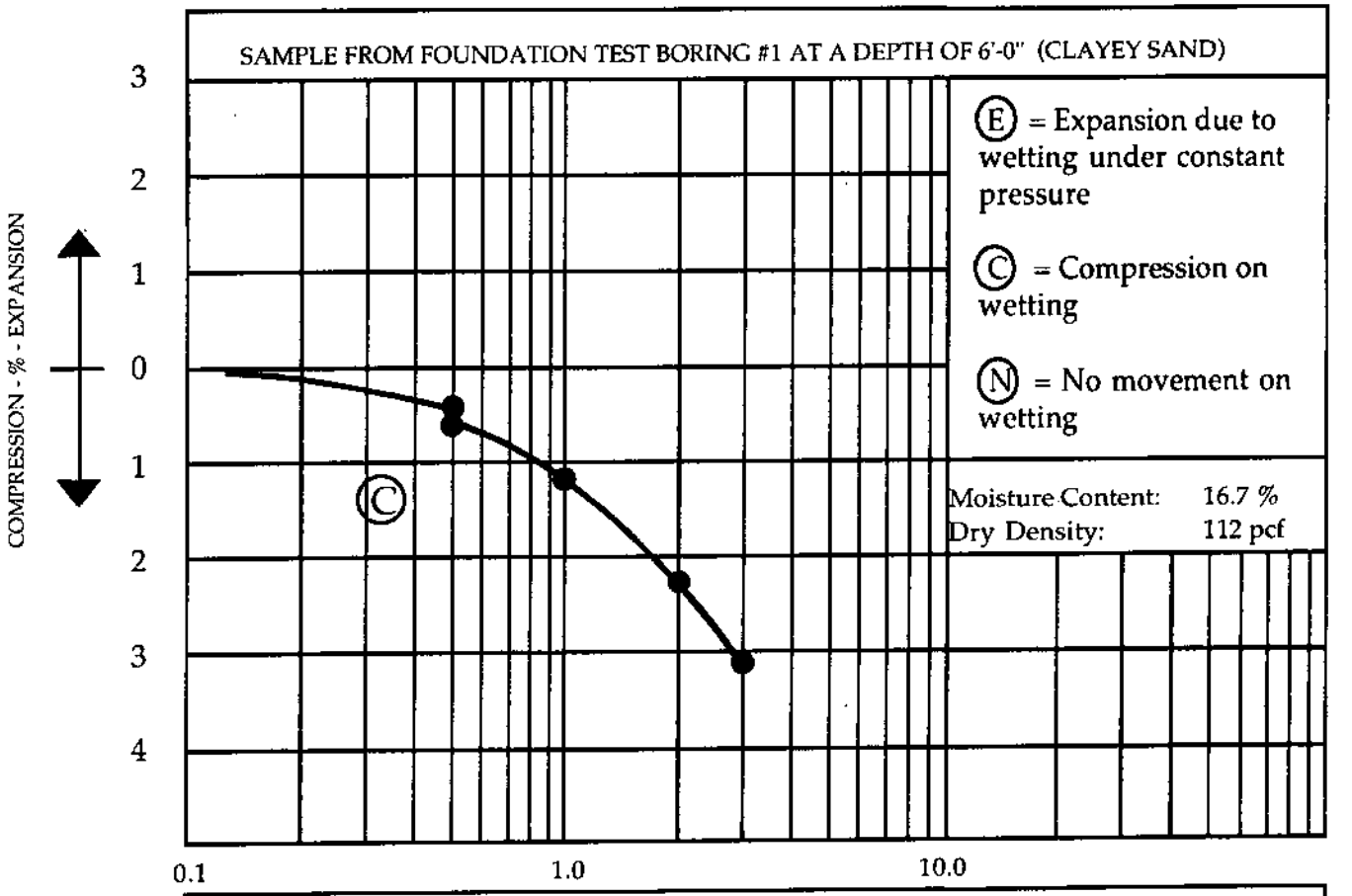


FIGURE 2

SOIL ANALYTICS AND FOUNDATION ENGINEERING, INC.

ONE DIMENSIONAL SWELL/CONSOLIDATION TEST



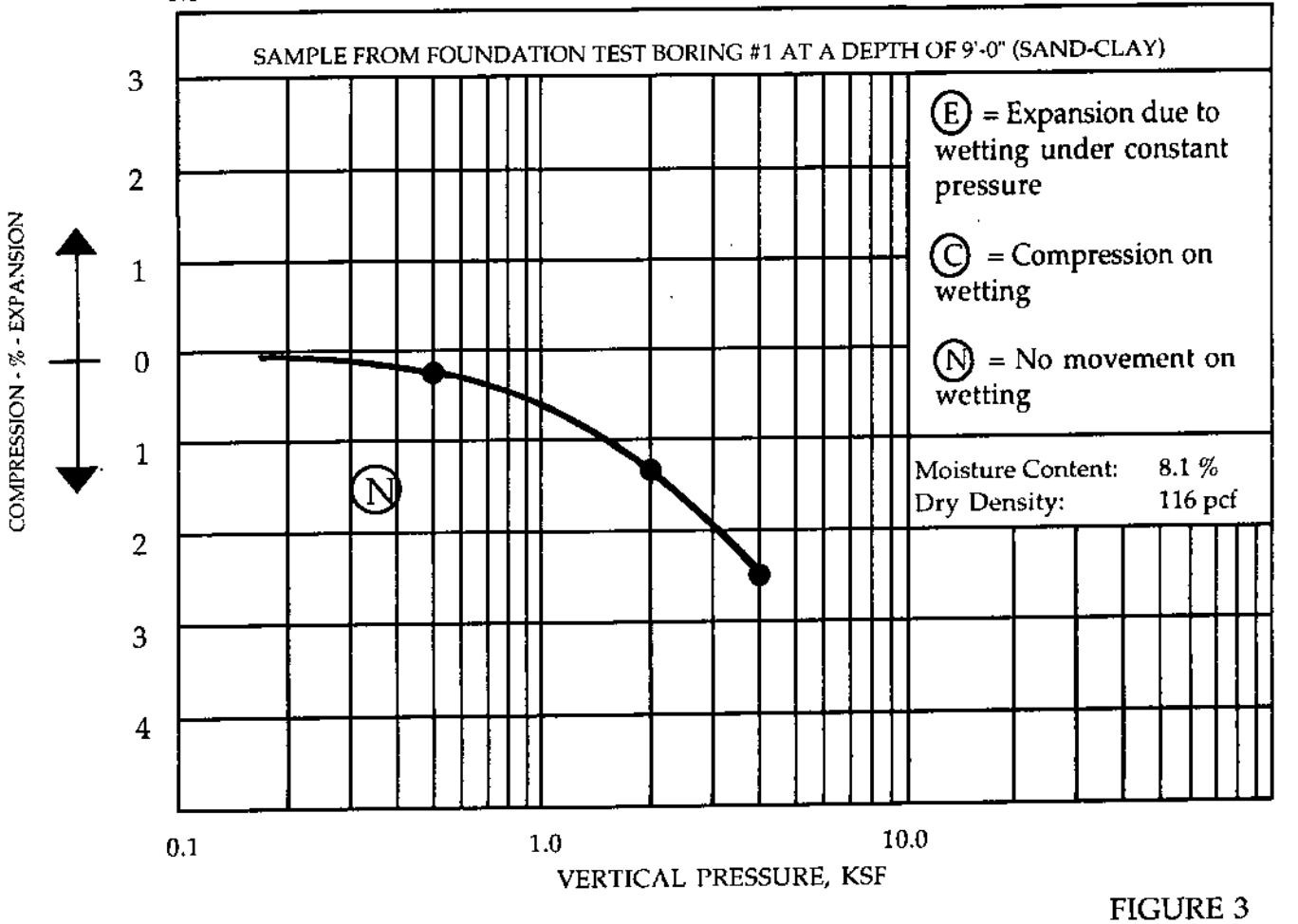


FIGURE 3

SOIL ANALYTICS AND FOUNDATION ENGINEERING, INC.

ONE DIMENSIONAL SWELL/CONSOLIDATION TEST

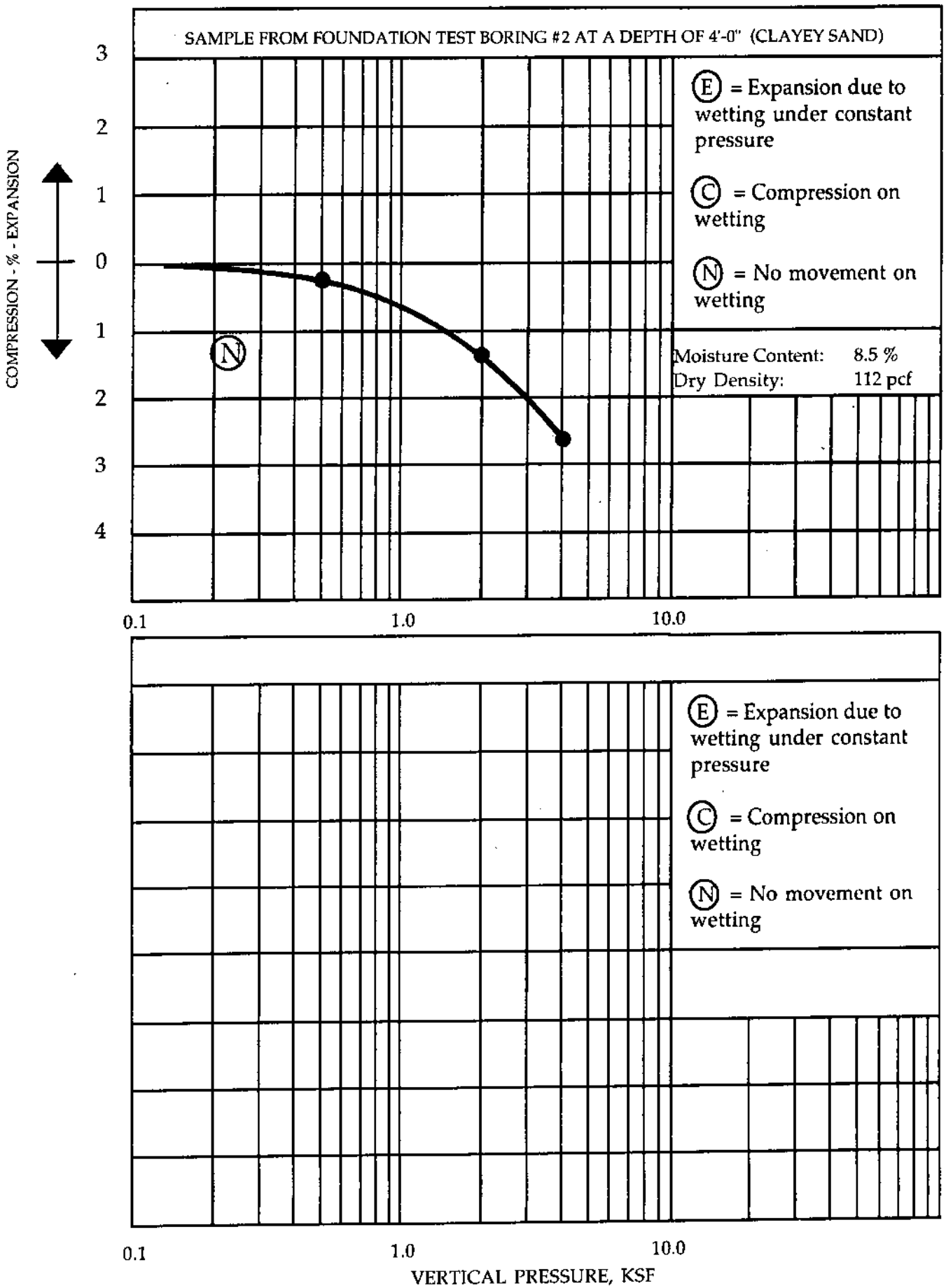


FIGURE 4

SOIL LABORATORY

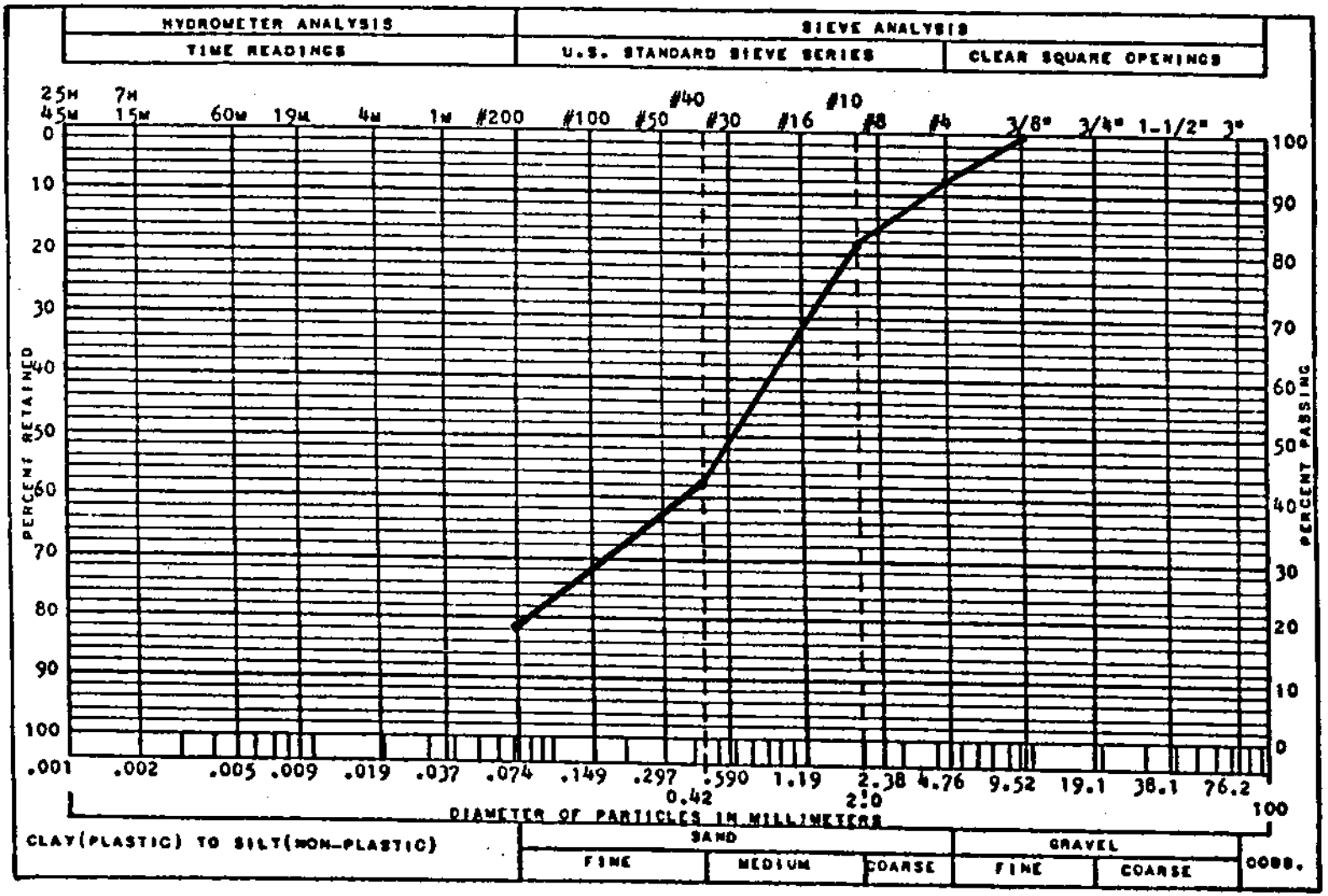
PARTICLE SIZE DISTRIBUTION ANALYSIS

PROJECT NO. 4518

SITE _____ DATE SAMPLED 5-10-06 HOLE NO. FTB#1 SAMPLE DEPTH 3'6" DATE 5-12-06

SAMPLE LOCATION 715 C, Arapahoe Street, Golden, Co.

REMARKS Coarse to fine grained slightly gravelly sands with a moderate silt-clay content.



SIEVE NO.	PERCENT PASSING
3.0"	
1.5"	
3/4"	
3/8"	100.0
#4	92.2
#8	
#10	81.7
#40	42.3
#50	
#100	
#200	18.6

ATTERBERG LIMITS		
LL	PL	PI

CLASSIFICATION USCS SC

FIG. NO. 5

100-YEAR
FLOODPLAIN
LIMITS - WWE
DECEMBER 2004

100 YEAR
FLOODPLAIN
LIMITS
WWE APRIL 2005

WASHINGTON

5687.74 FT

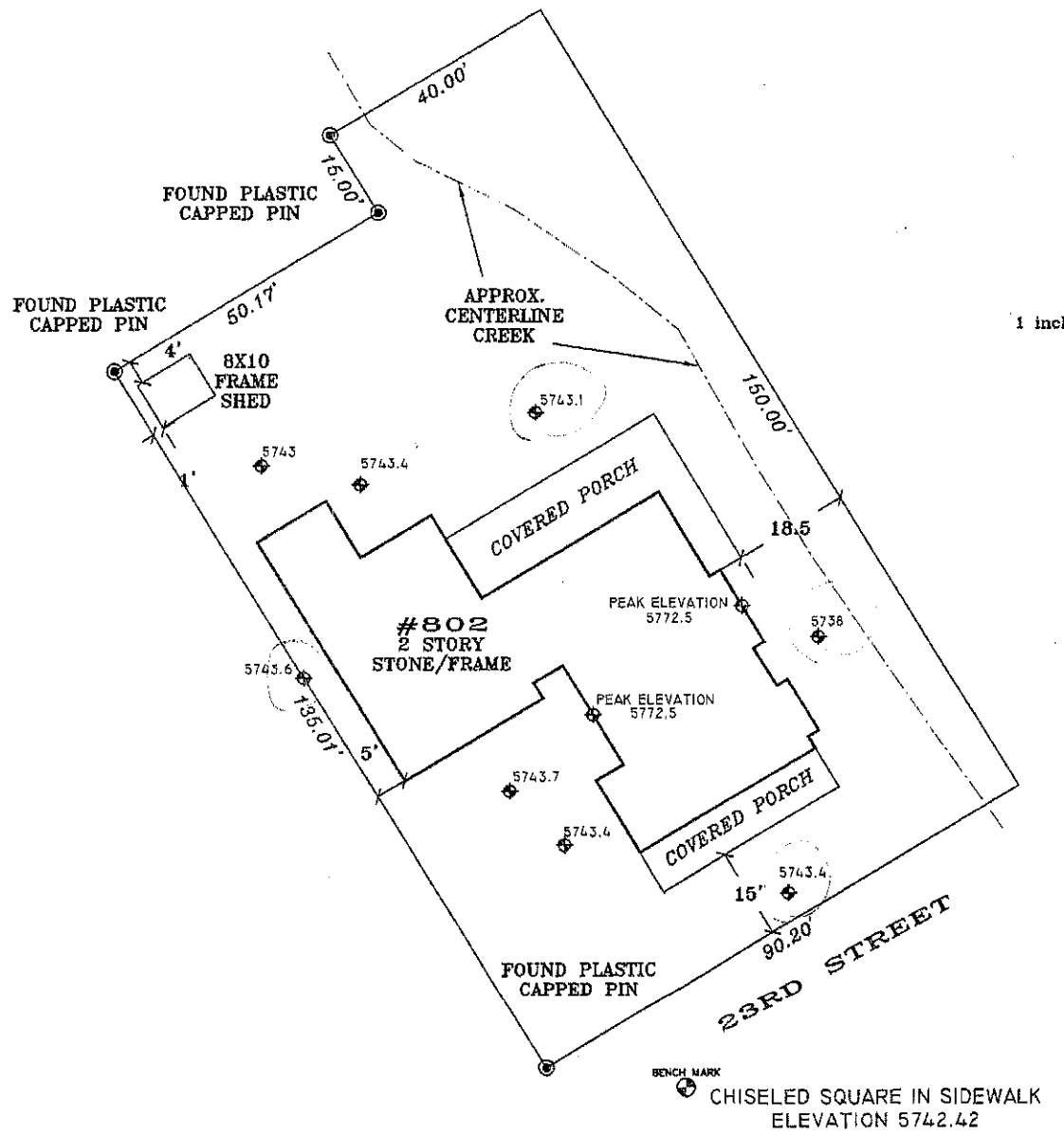
5679.55 FT

HWY. #58

5740

5730

ELEVATION CERTIFICATE



1 inch = 30 ft.

LEGAL DESCRIPTION: LOTS 7-12, INCLUSIVE, BLOCK 29, EXCEPT THE SOUTHWESTERLY 90 FEET OF SAID LOTS AND EXCEPT THE NORTHWESTERLY 15' OF LOT 7, TOGETHER WITH THE WESTERLY ½ OF VACATED WASHINGTON AVENUE ADJOINING SAID LOTS ON THE NORTHEAST, WELCH ADDITION TO GOLDEN, COLORADO TERRITORY, COUNTY OF JEFFERSON, STATE OF COLORADO.

ADDRESS: 802 23RD STREET, GOLDEN, CO 80401

5743
5743.4
5743.1
5738
5743.4
5743.4
5743.7
5743.6

45941.6 SUM OF 8 ELEVATION SHOTS
45941.6 DIVIDED BY 8 = 5742.7 (THE AVERAGE ELEVATION OF THIS SITE)
5772.5 (ROOF PEAK) MINUS 5742.7 (AVERAGE ELEVATION) EQUALS 29.8'

THE DIFFERENCE BETWEEN THE ROOF PEAK ELEVATION AND THE AVERAGE ELEVATION IS 29.8'.

LEGAL DESCRIPTION PROVIDED BY C.C.M., RECORD INFORMATION WAS OBTAINED FROM THE RECORDED PLAT OF THE PARCEL AND THE IMPROVEMENT SURVEY PLAT PREPARED BY COLORADO ENGINEERING, REC. #2006103229.

NOTICE:
ACCORDING TO COLORADO LAW, YOU MUST COMMENCE ANY LEGAL ACTION BASED UPON ANY DEFECT IN THIS SURVEY WITHIN THREE YEARS AFTER YOU FIRST DISCOVER SUCH DEFECT. IN NO EVENT MAY ANY ACTION BASED UPON ANY DEFECT IN THIS SURVEY BE COMMENCED MORE THAN TEN YEARS FROM THE DATE OF THE CERTIFICATION SHOWN HEREON.

NOTES:

1. ELEVATION SHOTS REFLECT SITE GRADING AS OF SEPTEMBER 23, 2008.
2. SITE BENCH MARK IS THE CHISELED SQUARE IN SIDEWALK AS SHOWN ON SITE PLAN PREPARED BY NEST ARCHITECTURAL INC. DATED DECEMBER 4, 2007. "SET CHISELED SQUARE IN WALK U.S G.S. PROJECT BENCH MARK ELEVATION 5742.42".
3. THE ACCURACY OF THE DATUM WAS NOT VERIFIED.

COLORADO REGISTERED CHRISTINE K. BRANING 27941 PROFESSIONAL LAND SURVEYOR

BY: _____

BRANING LAND SURVEYING 303-278-1782
4445 ELDRIDGE ST. GOLDEN, CO 80403
CHRISTINE K. BRANING P.L.S. 27941
DATE: SEPTEMBER 23, 2008

REC'D JUL 19 2007

July 19, 2007

Mike Yocum
5173 Quaker Street
Golden, CO 80403

Dear Mr. Yocum,

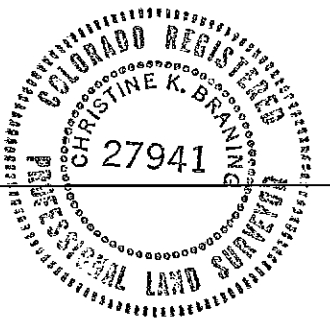
The N.G.V.D. 29 elevation of the finished floor in the location you specified on July 19, 2007 for the residence located at 823 9th Street is 5677.3'.

N.G.S. benchmark number M 407 (PID KK1369) located near the intersection of Ford Street and Texas Street in Golden was used to determine the aforementioned elevation. N.G.S. point number K 407 (PID KK1372) located near the intersection of Jackson Street and 16th Street was used as a check..

The N.G.S. website Vertcon was used to convert the current published N.A.V.D. 88 datum benchmark elevations to the N.G.V.D. 29 datum required by F.E.M.A..

Christine K. Braning

Christine K. Braning, Colorado P.L.S. 27941
Braning Land Surveying



BRANING LAND SURVEYING
4445 Eldridge Street
Golden, Colorado 80403
303-278-1782
Cbraning@msn.com

U.S. DEPARTMENT OF HOMELAND SECURITY
Federal Emergency Management Agency
National Flood Insurance Program

ELEVATION CERTIFICATE

Important: Read the instructions on pages 1-9.

OMB No. 1660-0008
Expires March 31, 2012

SECTION A - PROPERTY INFORMATION

For Insurance Company Use:
Policy Number
Company NAIC Number

A1. Building Owner's Name CITY OF GOLDEN

A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.
911 TENTH STREET
City GOLDEN State CO ZIP Code 80401

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)
LOTS 7, 8 & 9, BLOCK 31, NORTH GOLDEN SUBDIVISION, JEFFERSON COUNTY, COLORADO

A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) FIRE STATION
A5. Latitude/Longitude: Lat. 39 45 25.0 N Long. 105 13 26.5 W Horizontal Datum: ☐ NAD 1927 ☒ NAD 1983
A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.
A7. Building Diagram Number 1A
A8. For a building with a crawlspace or enclosure(s):
a) Square footage of crawlspace or enclosure(s) _____ sq ft
b) No. of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade _____
c) Total net area of flood openings in A8.b _____ sq in
d) Engineered flood openings? ☐ Yes ☐ No

A9. For a building with an attached garage:
a) Square footage of attached garage _____ sq ft
b) No. of permanent flood openings in the attached garage within 1.0 foot above adjacent grade _____
c) Total net area of flood openings in A9.b _____ sq in
d) Engineered flood openings? ☐ Yes ☐ No

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP Community Name & Community Number	B2. County Name	B3. State
CITY OF GOLDEN #080090	JEFFERSON COUNTY	CO

B4. Map/Panel Number	B5. Suffix	B6. FIRM Index Date	B7. FIRM Panel Effective/Revised Date	B8. Flood Zone(s)	B9. Base Flood Elevation(s) (Zone AO, use base flood depth)
08059CO188	E	JUNE 17, 2003	JUNE 17, 2003	AE	5664.6

B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9.
☐ FIS Profile ☒ FIRM ☐ Community Determined ☐ Other (Describe) _____

B11. Indicate elevation datum used for BFE in Item B9: ☒ NGVD 1929 ☐ NAVD 1988 ☐ Other (Describe) _____

B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? ☐ Yes ☒ No
Designation Date _____ ☐ CBRS ☐ OPA

SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

C1. Building elevations are based on: ☐ Construction Drawings* ☐ Building Under Construction* ☒ Finished Construction
*A new Elevation Certificate will be required when construction of the building is complete.

C2. Elevations – Zones A1-A30, AE, AH, A (with BFE), VE, V1-V30, V (with BFE), AR, AR/A, AR/AE, AR/A1-A30, AR/AH, AR/AO. Complete Items C2.a-h below according to the building diagram specified in Item A7. Use the same datum as the BFE.

Benchmark Utilized KK1372 Vertical Datum NAVD88

Conversion/Comments CONVERSION TO NGVD29 ELEV. = NAVD 88 ELEV. - 3.05

			Check the measurement used.
a)	Top of bottom floor (including basement, crawlspace, or enclosure floor)	5667.9	☒ feet ☐ meters (Puerto Rico only)
b)	Top of the next higher floor	5688.1	☒ feet ☐ meters (Puerto Rico only)
c)	Bottom of the lowest horizontal structural member (V Zones only)	N.A.	☐ feet ☐ meters (Puerto Rico only)
d)	Attached garage (top of slab)	5667.9	☒ feet ☐ meters (Puerto Rico only)
e)	Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments)	5661.9	☒ feet ☐ meters (Puerto Rico only)
f)	Lowest adjacent (finished) grade next to building (LAG)	5667.6	☒ feet ☐ meters (Puerto Rico only)
g)	Highest adjacent (finished) grade next to building (HAG)	5667.9	☒ feet ☐ meters (Puerto Rico only)
h)	Lowest adjacent grade at lowest elevation of deck or stairs, including structural support	N.A.	☐ feet ☐ meters (Puerto Rico only)

SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION

This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information. *I certify that the information on this Certificate represents my best efforts to interpret the data available. I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.* ☐
Check here if comments are provided on back of form. Were latitude and longitude in Section A provided by a licensed land surveyor? ☒ Yes ☐ No

Certifier's Name MICHAEL C.CREGGER License Number 22564
Title SURVEY MANAGER Company Name TST INC. OF DENVER
Address 9222 TEDDY LANE City LONE TREE State CO ZIP Code 80124
Signature Michael C. Cregger Date 6/15/10 Telephone 303-792-0557

IMPORTANT: In these spaces, copy the corresponding information from Section A.	For Insurance Company Use:
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 911 TENTH STREET	Policy Number
City GOLDENState CO ZIP Code 80401	Company NAIC Number

SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION (CONTINUED)

Copy both sides of this Elevation Certificate for (1) community official, (2) insurance agent/company, and (3) building owner.

Comments C2.e - ELEVATION PROVIDED IS OF THE FLOOR OF THE SUMP PUMP MACHINERY FOR AN ELEVATOR SHAFT, WHICH IS LOCATED AT THE ENTRANCE IN THE NORTHEAST CORNER OF THE BUILDING. (ENTRANCE IS AT FAR LEFT, IN LOOKING AT THE FRONT OF THE BUILDING)

Signature Michael C. Creggen Date 6/15/10 ☐ Check here if attachments

SECTION E - BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BFE)

For Zones AO and A (without BFE), complete Items E1-E5. If the Certificate is intended to support a LOMA or LOMR-F request, complete Sections A, B, and C. For Items E1-E4, use natural grade, if available. Check the measurement used. In Puerto Rico only, enter meters.

E1. Provide elevation information for the following and check the appropriate boxes to show whether the elevation is above or below the highest adjacent grade (HAG) and the lowest adjacent grade (LAG).
   a) Top of bottom floor (including basement, crawlspace, or enclosure) is _____.____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.
   b) Top of bottom floor (including basement, crawlspace, or enclosure) is _____.____ ☐ feet ☐ meters ☐ above or ☐ below the LAG.

E2. For Building Diagrams 6-9 with permanent flood openings provided in Section A Items 8 and/or 9 (see pages 8-9 of Instructions), the next higher floor (elevation C2.b in the diagrams) of the building is _____.____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.

E3. Attached garage (top of slab) is _____.____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.

E4. Top of platform of machinery and/or equipment servicing the building is _____.____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.

E5. Zone AO only: If no flood depth number is available, is the top of the bottom floor elevated in accordance with the community's floodplain management ordinance? ☐ Yes ☐ No ☐ Unknown. The local official must certify this information in Section G.

SECTION F - PROPERTY OWNER (OR OWNER'S REPRESENTATIVE) CERTIFICATION

The property owner or owner's authorized representative who completes Sections A, B, and E for Zone A (without a FEMA-issued or community-issued BFE) or Zone AO must sign here. *The statements in Sections A, B, and E are correct to the best of my knowledge.*

Property Owner's or Owner's Authorized Representative's Name

Address City State ZIP Code

Signature Date Telephone

Comments

☐ Check here if attachments

SECTION G - COMMUNITY INFORMATION (OPTIONAL)

The local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete Sections A, B, C (or E), and G of this Elevation Certificate. Complete the applicable item(s) and sign below. Check the measurement used in Items G8 and G9.

G1. ☐ The information in Section C was taken from other documentation that has been signed and sealed by a licensed surveyor, engineer, or architect who is authorized by law to certify elevation information. (Indicate the source and date of the elevation data in the Comments area below.)

G2. ☐ A community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued BFE) or Zone AO.

G3. ☐ The following information (Items G4-G9) is provided for community floodplain management purposes.

G4. Permit Number	G5. Date Permit Issued	G6. Date Certificate Of Compliance/Occupancy Issued

G7. This permit has been issued for: ☐ New Construction ☐ Substantial Improvement

G8. Elevation of as-built lowest floor (including basement) of the building: _____.____ ☐ feet ☐ meters (PR) Datum _____

G9. BFE or (in Zone AO) depth of flooding at the building site: _____.____ ☐ feet ☐ meters (PR) Datum _____

G10. Community's design flood elevation _____.____ ☐ feet ☐ meters (PR) Datum _____

Local Official's Name Title

Community Name Telephone

Signature Date

Comments

☐ Check here if attachments

City of Golden

1445 Tenth Street, Golden, Colorado 80401
Telephone: 303/384-8151 · Facsimile: 303/384-8161
www.ci.golden.co.us

NONCONVERSION AGREEMENT

This DECLARATION made this 8 day of November, 20 05 by Karl Decker ("Owner") having an address at 916 10th Street, Golden, Colorado.

WITNESSETH:

WHEREAS, Karl Decker is the record Owner of the property located at 916 10th Street in the City of Golden in the County of Jefferson.

WHEREAS, the Owner has applied for a permit to place a structure on that property that either may be noncompliant by later conversion, to the strict elevation requirements of Title 19 (Floodplain Hazard Areas) of the Golden Municipal Code and as verified under Permit Number 2004-304 ("Permit").

WHEREAS, the Owner agrees to record this DECLARATION and certifies and declares that the following covenants, conditions and restrictions are placed on the affected property as a condition of granting the Permit, and affects rights and obligations of the Owner and shall be binding on the Owner, his heirs, personal representatives, successors and assigns.

UPON THE TERMS AND SUBJECT TO THE CONDITIONS, as follows:

1. The structure or part thereof to which these conditions apply is: lower level crawl space, mechanical equipment room, garage, and storage area.

2. At this site, the Base Flood Elevation is 5665.7 feet above mean sea level, National Geodetic Vertical Datum of 1929.

3. Enclosed areas below the Base Flood Elevation shall be used solely for parking of vehicles, limited storage, or access to the building. Mechanical, electrical or plumbing devices shall not be installed below the Base Flood Elevation.

4. The walls of the enclosed areas below the Base Flood Elevation shall be equipped and remain equipped with vents as required by Section 19.20.010(2)(c).

5. Any alterations or changes from these conditions constitute a violation of the Permit and may render the structure uninsurable or increase the cost for flood insurance. The jurisdiction issuing the Permit and enforcing the Ordinance may take any appropriate legal action to correct any violation.

In witness whereof the undersigned set their hands and seals this 08 day of 11, 2005.

Owner (Seal)

Witness (Seal)

BARBARA K. SMITH NOTARY PUBLIC STATE OF COLORADO

My Commission Expires 04/19/2009

U.S. DEPARTMENT OF HOMELAND SECURITY
Federal Emergency Management Agency
National Flood Insurance Program

ELEVATION CERTIFICATE

Important: Read the instructions on pages 1-9.

OMB No. 1660-0008
Expires March 31, 2012

SECTION A - PROPERTY INFORMATION

For Insurance Company Use:

A1. Building Owner's Name SARA C. DECKER — Policy Number

A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.
916 10TH STREET (NORTH OR REAR UNIT) — Company NAIC Number

City GOLDEN State CO ZIP Code 80401

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)
LOT 10, BLOCK 30, BARBER'S ADDITION TO GOLDEN

A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) RESIDENTIAL

A5. Latitude/Longitude: Lat. N 39°45'25.1" Long. W 105°13'31.2" Horizontal Datum: ☐ NAD 1927 ☐ NAD 1983

A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.

A7. Building Diagram Number 9

A8. For a building with a crawlspace or enclosure(s):
- a) Square footage of crawlspace or enclosure(s) 460 sq ft
- b) No. of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade 4
- c) Total net area of flood openings in A8.b 113 sq in
- d) Engineered flood openings? ☐ Yes ☐ No

A9. For a building with an attached garage:
- a) Square footage of attached garage 490 sq ft
- b) No. of permanent flood openings in the attached garage within 1.0 foot above adjacent grade N/A
- c) Total net area of flood openings in A9.b N/A sq in
- d) Engineered flood openings? ☐ Yes ☐ No

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP Community Name & Community Number	B2. County Name	B3. State
CITY OF GOLDEN, 080090	JEFFERSON	CO

B4. Map/Panel Number	B5. Suffix	B6. FIRM Index Date	B7. FIRM Panel Effective/Revised Date	B8. Flood Zone(s)	B9. Base Flood Elevation(s) (Zone AO, use base flood depth)
08059C0188	E	JUNE 17, 2003	JUNE 17, 2003	AE	5666

B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9.
☐ FIS Profile ☒ FIRM ☐ Community Determined ☐ Other (Describe) _____

B11. Indicate elevation datum used for BFE in Item B9: ☒ NGVD 1929 ☐ NAVD 1988 ☐ Other (Describe) _____

B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? ☐ Yes ☒ No
Designation Date _____ ☐ CBRS ☐ OPA

SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

C1. Building elevations are based on: ☐ Construction Drawings* ☐ Building Under Construction* ☒ Finished Construction
*A new Elevation Certificate will be required when construction of the building is complete.

C2. Elevations – Zones A1-A30, AE, AH, A (with BFE), VE, V1-V30, V (with BFE), AR, AR/A, AR/AE, AR/A1-A30, AR/AH, AR/AO. Complete Items C2.a-h below according to the building diagram specified in Item A7. Use the same datum as the BFE.

Benchmark Utilized KK1371 Vertical Datum NGVD 29

Conversion/Comments _____

			Check the measurement used.
a)	Top of bottom floor (including basement, crawlspace, or enclosure floor)	5664.31	☒ feet ☐ meters (Puerto Rico only)
b)	Top of the next higher floor	5665.66	☒ feet ☐ meters (Puerto Rico only)
c)	Bottom of the lowest horizontal structural member (V Zones only)	N/A	☐ feet ☐ meters (Puerto Rico only)
d)	Attached garage (top of slab)	5665.66	☒ feet ☐ meters (Puerto Rico only)
e)	Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments)	5665.66	☒ feet ☐ meters (Puerto Rico only)
f)	Lowest adjacent (finished) grade next to building (LAG)	5663.87	☒ feet ☐ meters (Puerto Rico only)
g)	Highest adjacent (finished) grade next to building (HAG)	5665.46	☒ feet ☐ meters (Puerto Rico only)
h)	Lowest adjacent grade at lowest elevation of deck or stairs, including structural support	5664.07	☒ feet ☐ meters (Puerto Rico only)

SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION

This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information. *I certify that the information on this Certificate represents my best efforts to interpret the data available. I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.* ☒

Check here if comments are provided on back of form. Were latitude and longitude in Section A provided by a licensed land surveyor? ☐ Yes ☒ No

Certifier's Name NOEL L. POTTER License Number L.S. 26296

Title PRESIDENT Company Name C.C.S. CONSULTANTS, INC.

Address 4860 ROBB STREET, SUITE 101 City WHEAT RIDGE State CO ZIP Code 80033

Signature _____ Date 6.29.10 Telephone 303.403.4706

IMPORTANT: In these spaces, copy the corresponding information from Section A.	For Insurance Company Use:
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 916 10TH STREET (NORTH OR REAR UNIT)	Policy Number
City GOLDENState CO ZIP Code 80401	Company NAIC Number

SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION (CONTINUED)

Copy both sides of this Elevation Certificate for (1) community official, (2) insurance agent/company, and (3) building owner.

Comments 1. LATITUDE AND LONGITUDE WAS TAKEN FROM GOOGLE EARTH.

2. LOWEST ELEVATION OF EQUIPMENT=FURNANCE AND HOT WATER HEATER, SET AT SAME ELEVATION.

Signature Date 06/29/10

☐ Check here if attachments

SECTION E - BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BFE)

For Zones AO and A (without BFE), complete Items E1-E5. If the Certificate is intended to support a LOMA or LOMR-F request, complete Sections A, B, and C. For Items E1-E4, use natural grade, if available. Check the measurement used. In Puerto Rico only, enter meters.

E1. Provide elevation information for the following and check the appropriate boxes to show whether the elevation is above or below the highest adjacent grade (HAG) and the lowest adjacent grade (LAG).
a) Top of bottom floor (including basement, crawlspace, or enclosure) is _____.____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.
b) Top of bottom floor (including basement, crawlspace, or enclosure) is _____.____ ☐ feet ☐ meters ☐ above or ☐ below the LAG.

E2. For Building Diagrams 6-9 with permanent flood openings provided in Section A Items 8 and/or 9 (see pages 8-9 of Instructions), the next higher floor (elevation C2.b in the diagrams) of the building is _____.____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.

E3. Attached garage (top of slab) is _____.____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.

E4. Top of platform of machinery and/or equipment servicing the building is _____.____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.

E5. Zone AO only: If no flood depth number is available, is the top of the bottom floor elevated in accordance with the community's floodplain management ordinance? ☐ Yes ☐ No ☐ Unknown. The local official must certify this information in Section G.

SECTION F - PROPERTY OWNER (OR OWNER'S REPRESENTATIVE) CERTIFICATION

The property owner or owner's authorized representative who completes Sections A, B, and E for Zone A (without a FEMA-issued or community-issued BFE) or Zone AO must sign here. *The statements in Sections A, B, and E are correct to the best of my knowledge.*

Property Owner's or Owner's Authorized Representative's Name

Address City State ZIP Code

Signature Date Telephone

Comments

☐ Check here if attachments

SECTION G - COMMUNITY INFORMATION (OPTIONAL)

The local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete Sections A, B, C (or E), and G of this Elevation Certificate. Complete the applicable item(s) and sign below. Check the measurement used in Items G8 and G9.

G1. ☐ The information in Section C was taken from other documentation that has been signed and sealed by a licensed surveyor, engineer, or architect who is authorized by law to certify elevation information. (Indicate the source and date of the elevation data in the Comments area below.)

G2. ☐ A community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued BFE) or Zone AO.

G3. ☐ The following information (Items G4-G9) is provided for community floodplain management purposes.

G4. Permit Number	G5. Date Permit Issued	G6. Date Certificate Of Compliance/Occupancy Issued

G7. This permit has been issued for: ☐ New Construction ☐ Substantial Improvement

G8. Elevation of as-built lowest floor (including basement) of the building: _____.____ ☐ feet ☐ meters (PR) Datum _____

G9. BFE or (in Zone AO) depth of flooding at the building site: _____.____ ☐ feet ☐ meters (PR) Datum _____

G10. Community's design flood elevation _____.____ ☐ feet ☐ meters (PR) Datum _____

Local Official's Name Title

Community Name Telephone

Signature Date

Comments

☐ Check here if attachments

Building Photographs

See Instructions for Item A6.

	For Insurance Company Use:
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 916 10TH STREET (NORTH OR REAR UNIT)	Policy Number
City GOLDEN State CO ZIP Code 80401	Company NAIC Number

If using the Elevation Certificate to obtain NFIP flood insurance, affix at least two building photographs below according to the instructions for Item A6. Identify all photographs with: date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View." If submitting more photographs than will fit on this page, use the Continuation Page, following.

FRONT
DATE: 06.25.2010

REAR
DATE: 06.25.2010

REAR
DATE: 06.25.2010 FLOOD OPENING DETAIL

U.S. DEPARTMENT OF HOMELAND SECURITY
Federal Emergency Management Agency
National Flood Insurance Program

ELEVATION CERTIFICATE

Important: Read the instructions on pages 1-9.

OMB No. 1660-0008
Expires March 31, 2012

SECTION A - PROPERTY INFORMATION

For Insurance Company Use:

A1. Building Owner's Name SARA C. DECKER

Policy Number

A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.
916 10TH STREET (SOUTH OR FRONT UNIT)

Company NAIC Number

City GOLDEN State CO ZIP Code 80401

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)
LOT 10, BLOCK 30, BARBER'S ADDITION TO GOLDEN

A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) RESIDENTIAL

A5. Latitude/Longitude: Lat. N 39°45'24.2" Long. W 105°13'30.3" Horizontal Datum: ☐ NAD 1927 ☐ NAD 1983

A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.

A7. Building Diagram Number 9

A8. For a building with a crawlspace or enclosure(s):
- a) Square footage of crawlspace or enclosure(s) 500 sq ft
- b) No. of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade 5
- c) Total net area of flood openings in A8.b 141 sq in
- d) Engineered flood openings? ☐ Yes ☐ No

A9. For a building with an attached garage:
- a) Square footage of attached garage 550 sq ft
- b) No. of permanent flood openings in the attached garage within 1.0 foot above adjacent grade N/A
- c) Total net area of flood openings in A9.b N/A sq in
- d) Engineered flood openings? ☐ Yes ☐ No

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP Community Name & Community Number	B2. County Name	B3. State
CITY OF GOLDEN, 080090	JEFFERSON	CO

B4. Map/Panel Number	B5. Suffix	B6. FIRM Index Date	B7. FIRM Panel Effective/Revised Date	B8. Flood Zone(s)	B9. Base Flood Elevation(s) (Zone AO, use base flood depth)
08059C0188	E	JUNE 17, 2003	JUNE 17, 2003	AE	5666

B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9.
☐ FIS Profile ☒ FIRM ☐ Community Determined ☐ Other (Describe) _____

B11. Indicate elevation datum used for BFE in Item B9: ☒ NGVD 1929 ☐ NAVD 1988 ☐ Other (Describe) _____

B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? ☐ Yes ☒ No
Designation Date _____ ☐ CBRS ☐ OPA

SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

C1. Building elevations are based on: ☐ Construction Drawings* ☐ Building Under Construction* ☒ Finished Construction
*A new Elevation Certificate will be required when construction of the building is complete.

C2. Elevations – Zones A1-A30, AE, AH, A (with BFE), VE, V1-V30, V (with BFE), AR, AR/A, AR/AE, AR/A1-A30, AR/AH, AR/AO. Complete Items C2.a-h below according to the building diagram specified in Item A7. Use the same datum as the BFE.

Benchmark Utilized KK1371 Vertical Datum NGVD 29

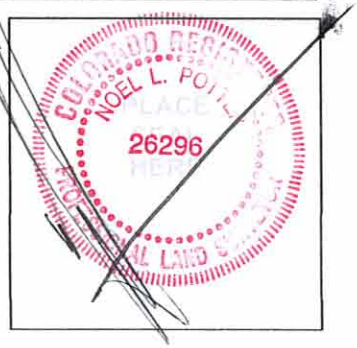
Conversion/Comments _____

			Check the measurement used.
a)	Top of bottom floor (including basement, crawlspace, or enclosure floor)	5662.15	☒ feet ☐ meters (Puerto Rico only)
b)	Top of the next higher floor	5663.00	☒ feet ☐ meters (Puerto Rico only)
c)	Bottom of the lowest horizontal structural member (V Zones only)	N/A	☐ feet ☐ meters (Puerto Rico only)
d)	Attached garage (top of slab)	5663.00	☒ feet ☐ meters (Puerto Rico only)
e)	Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments)	5664.37	☒ feet ☐ meters (Puerto Rico only)
f)	Lowest adjacent (finished) grade next to building (LAG)	5662.63	☒ feet ☐ meters (Puerto Rico only)
g)	Highest adjacent (finished) grade next to building (HAG)	5663.32	☒ feet ☐ meters (Puerto Rico only)
h)	Lowest adjacent grade at lowest elevation of deck or stairs, including structural support	5662.65	☒ feet ☐ meters (Puerto Rico only)

SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION

This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information. *I certify that the information on this Certificate represents my best efforts to interpret the data available. I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.* ☒

Check here if comments are provided on back of form. Were latitude and longitude in Section A provided by a licensed land surveyor? ☐ Yes ☒ No



Certifier's Name NOEL L. POTTER License Number L.S. 26296

Title PRESIDENT Company Name C.C.S. CONSULTANTS, INC.

Address 4860 ROBB STREET, SUITE 101 City WHEAT RIDGE State CO ZIP Code 80033

Signature Date 06.29.10 Telephone 303.403.4706

IMPORTANT: In these spaces, copy the corresponding information from Section A.	For Insurance Company Use:
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 916 10TH STREET (SOUTH OR FRONT UNIT)	Policy Number
City GOLDENState CO ZIP Code 80401	Company NAIC Number

SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION (CONTINUED)

Copy both sides of this Elevation Certificate for (1) community official, (2) insurance agent/company, and (3) building owner.

Comments
1. LATITUDE AND LONGITUDE WAS TAKEN FROM GOOGLE EARTH.
2. LOWEST ELEVATION OF EQUIPMENT=HOT WATER HEATER.
3. FLOOD OPENINGS ARE 6" DIAMETER HOLES CUT IN FOUNDATION WALL. THE CONCRETE CORES HAVE BEEN LEFT IN PLACE. THE CORES CAN BE REMOVED.

Signature 06.29.10 Date

☐ Check here if attachments

SECTION E - BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BFE)

For Zones AO and A (without BFE), complete Items E1-E5. If the Certificate is intended to support a LOMA or LOMR-F request, complete Sections A, B, and C. For Items E1-E4, use natural grade, if available. Check the measurement used. In Puerto Rico only, enter meters.

E1. Provide elevation information for the following and check the appropriate boxes to show whether the elevation is above or below the highest adjacent grade (HAG) and the lowest adjacent grade (LAG).
a) Top of bottom floor (including basement, crawlspace, or enclosure) is _____.____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.
b) Top of bottom floor (including basement, crawlspace, or enclosure) is _____.____ ☐ feet ☐ meters ☐ above or ☐ below the LAG.

E2. For Building Diagrams 6-9 with permanent flood openings provided in Section A Items 8 and/or 9 (see pages 8-9 of Instructions), the next higher floor (elevation C2.b in the diagrams) of the building is _____.____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.

E3. Attached garage (top of slab) is _____.____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.

E4. Top of platform of machinery and/or equipment servicing the building is _____.____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.

E5. Zone AO only: If no flood depth number is available, is the top of the bottom floor elevated in accordance with the community's floodplain management ordinance? ☐ Yes ☐ No ☐ Unknown. The local official must certify this information in Section G.

SECTION F - PROPERTY OWNER (OR OWNER'S REPRESENTATIVE) CERTIFICATION

The property owner or owner's authorized representative who completes Sections A, B, and E for Zone A (without a FEMA-issued or community-issued BFE) or Zone AO must sign here. *The statements in Sections A, B, and E are correct to the best of my knowledge.*

Property Owner's or Owner's Authorized Representative's Name

Address | City | State | ZIP Code

Signature | Date | Telephone

Comments

☐ Check here if attachments

SECTION G - COMMUNITY INFORMATION (OPTIONAL)

The local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete Sections A, B, C (or E), and G of this Elevation Certificate. Complete the applicable item(s) and sign below. Check the measurement used in Items G8 and G9.

G1. ☐ The information in Section C was taken from other documentation that has been signed and sealed by a licensed surveyor, engineer, or architect who is authorized by law to certify elevation information. (Indicate the source and date of the elevation data in the Comments area below.)

G2. ☐ A community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued BFE) or Zone AO.

G3. ☐ The following information (Items G4-G9) is provided for community floodplain management purposes.

G4. Permit Number	G5. Date Permit Issued	G6. Date Certificate Of Compliance/Occupancy Issued

G7. This permit has been issued for: ☐ New Construction ☐ Substantial Improvement

G8. Elevation of as-built lowest floor (including basement) of the building: _____.____ ☐ feet ☐ meters (PR) Datum _____

G9. BFE or (in Zone AO) depth of flooding at the building site: _____.____ ☐ feet ☐ meters (PR) Datum _____

G10. Community's design flood elevation _____.____ ☐ feet ☐ meters (PR) Datum _____

Local Official's Name | Title

Community Name | Telephone

Signature | Date

Comments

☐ Check here if attachments

Building Photographs

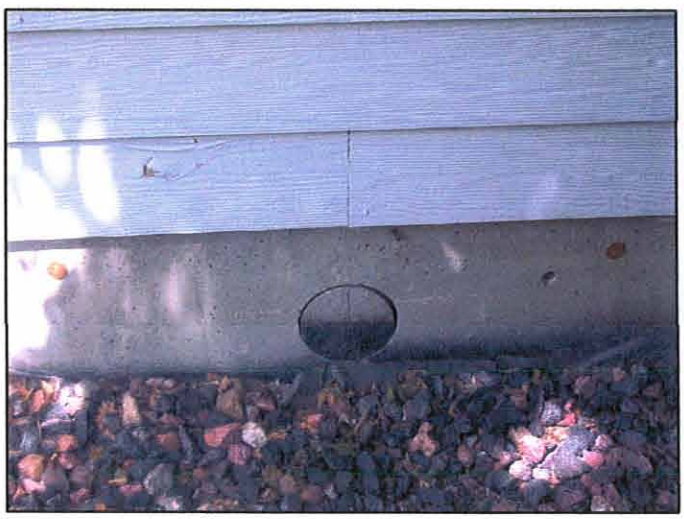
See Instructions for Item A6.

	For Insurance Company Use:
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 916 10TH STREET (SOUTH OR FRONT UNIT)	Policy Number
City GOLDEN State CO ZIP Code 80401	Company NAIC Number

If using the Elevation Certificate to obtain NFIP flood insurance, affix at least two building photographs below according to the instructions for Item A6. Identify all photographs with: date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View." If submitting more photographs than will fit on this page, use the Continuation Page, following.

FRONT
DATE: 06.25.2010

REAR
DATE: 06.25.2010



LEFT SIDE
DATE: 06.25.2010 FLOOD OPENING DETAIL

U.S. DEPARTMENT OF HOMELAND SECURITY
Federal Emergency Management Agency
National Flood Insurance Program

ELEVATION CERTIFICATE

OMB No. 1660-0008
Expires March 31, 2012

Important: Read the instructions on pages 1-9.

SECTION A - PROPERTY INFORMATION

	For Insurance Company Use:
A1. Building Owner's Name MIZFAM LLC	Policy Number
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 1000 10TH STREET	Company NAIC Number

City GOLDEN State CO ZIP Code 80401

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)
LOTS 7 & 8, BLOCK A, BARBERS 1ST ADDITION, JEFFERSON, COLORADO

A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) NON-RESIDENTIAL
A5. Latitude/Longitude: Lat. 39.75622N Long. 105.22596W Horizontal Datum: ☐ NAD 1927 ☒ NAD 1983
A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.
A7. Building Diagram Number 1A
A8. For a building with a crawlspace or enclosure(s):
a) Square footage of crawlspace or enclosure(s) _____ sq ft
b) No. of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade _____
c) Total net area of flood openings in A8.b _____ sq in
d) Engineered flood openings? ☐ Yes ☐ No

A9. For a building with an attached garage:
a) Square footage of attached garage _____ sq ft
b) No. of permanent flood openings in the attached garage within 1.0 foot above adjacent grade _____
c) Total net area of flood openings in A9.b _____ sq in
d) Engineered flood openings? ☐ Yes ☐ No

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP Community Name & Community Number	B2. County Name	B3. State
GOLDEN 080090 0188E	JEFFERSON	CO

B4. Map/Panel Number	B5. Suffix	B6. FIRM Index Date	B7. FIRM Panel Effective/Revised Date	B8. Flood Zone(s)	B9. Base Flood Elevation(s) (Zone AO, use base flood depth)
08059C0188	E	06.17.2003	06.17.2003	AE	5666

B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9.
☒ FIS Profile ☒ FIRM ☐ Community Determined ☐ Other (Describe) _____
B11. Indicate elevation datum used for BFE in Item B9: ☒ NGVD 1929 ☐ NAVD 1988 ☐ Other (Describe) _____
B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? ☐ Yes ☒ No
Designation Date _____ ☐ CBRS ☐ OPA

SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

C1. Building elevations are based on: ☐ Construction Drawings* ☐ Building Under Construction* ☒ Finished Construction
*A new Elevation Certificate will be required when construction of the building is complete.
C2. Elevations – Zones A1-A30, AE, AH, A (with BFE), VE, V1-V30, V (with BFE), AR, AR/A, AR/AE, AR/A1-A30, AR/AH, AR/AO. Complete Items C2.a-h below according to the building diagram specified in Item A7. Use the same datum as the BFE.
Benchmark Utilized KK1371 Vertical Datum NGVD29
Conversion/Comments VERTCON =3.218

			Check the measurement used.
a)	Top of bottom floor (including basement, crawlspace, or enclosure floor)	5665.29	☒ feet ☐ meters (Puerto Rico only)
b)	Top of the next higher floor	5665.48	☒ feet ☐ meters (Puerto Rico only)
c)	Bottom of the lowest horizontal structural member (V Zones only)	5665.29	☒ feet ☐ meters (Puerto Rico only)
d)	Attached garage (top of slab)	NA	☐ feet ☐ meters (Puerto Rico only)
e)	Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments)	5665.48	☐ feet ☐ meters (Puerto Rico only)
f)	Lowest adjacent (finished) grade next to building (LAG)	5665.29	☐ feet ☐ meters (Puerto Rico only)
g)	Highest adjacent (finished) grade next to building (HAG)	5667.1	☐ feet ☐ meters (Puerto Rico only)
h)	Lowest adjacent grade at lowest elevation of deck or stairs, including structural support	5665.29	☐ feet ☐ meters (Puerto Rico only)

SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION

This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information. *I certify that the information on this Certificate represents my best efforts to interpret the data available. I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.* ☐
Check here if comments are provided on back of form. Were latitude and longitude in Section A provided by a licensed land surveyor? ☒ Yes ☐ No

Certifier's Name ROBERT HALL License Number 30098
Title SURVEYOR Company Name GILLIANS LAND CONSULTANTS
Address 8474 W. RICE AVENUE City LITTLETON State CO ZIP Code 80123
Signature Date 05.28.10 Telephone 303-972-6640

IMPORTANT: In these spaces, copy the corresponding information from Section A.	For Insurance Company Use:
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 1000 10TH STREET	Policy Number
City GOLDENState CO ZIP Code 80401	Company NAIC Number

SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION (CONTINUED)

Copy both sides of this Elevation Certificate for (1) community official, (2) insurance agent/company, and (3) building owner.

Comments BENCHMARK USED, KK1371 ELEVATION 5677.71FT(NAVD88) VERTCON CONVERSION =5674.49FT(NGVD29)

Signature Date

☐ Check here if attachments

SECTION E - BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BFE)

For Zones AO and A (without BFE), complete Items E1-E5. If the Certificate is intended to support a LOMA or LOMR-F request, complete Sections A, B, and C. For Items E1-E4, use natural grade, if available. Check the measurement used. In Puerto Rico only, enter meters.

E1. Provide elevation information for the following and check the appropriate boxes to show whether the elevation is above or below the highest adjacent grade (HAG) and the lowest adjacent grade (LAG).
   a) Top of bottom floor (including basement, crawlspace, or enclosure) is _____.____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.
   b) Top of bottom floor (including basement, crawlspace, or enclosure) is _____.____ ☐ feet ☐ meters ☐ above or ☐ below the LAG.

E2. For Building Diagrams 6-9 with permanent flood openings provided in Section A Items 8 and/or 9 (see pages 8-9 of Instructions), the next higher floor (elevation C2.b in the diagrams) of the building is _____.____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.

E3. Attached garage (top of slab) is _____.____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.

E4. Top of platform of machinery and/or equipment servicing the building is _____.____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.

E5. Zone AO only: If no flood depth number is available, is the top of the bottom floor elevated in accordance with the community's floodplain management ordinance? ☐ Yes ☐ No ☐ Unknown. The local official must certify this information in Section G.

SECTION F - PROPERTY OWNER (OR OWNER'S REPRESENTATIVE) CERTIFICATION

The property owner or owner's authorized representative who completes Sections A, B, and E for Zone A (without a FEMA-issued or community-issued BFE) or Zone AO must sign here. *The statements in Sections A, B, and E are correct to the best of my knowledge.*

Property Owner's or Owner's Authorized Representative's Name

Address City State ZIP Code

Signature Date Telephone

Comments

☐ Check here if attachments

SECTION G - COMMUNITY INFORMATION (OPTIONAL)

The local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete Sections A, B, C (or E), and G of this Elevation Certificate. Complete the applicable item(s) and sign below. Check the measurement used in Items G8 and G9.

G1. ☐ The information in Section C was taken from other documentation that has been signed and sealed by a licensed surveyor, engineer, or architect who is authorized by law to certify elevation information. (Indicate the source and date of the elevation data in the Comments area below.)

G2. ☐ A community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued BFE) or Zone AO.

G3. ☐ The following information (Items G4-G9) is provided for community floodplain management purposes.

G4. Permit Number	G5. Date Permit Issued	G6. Date Certificate Of Compliance/Occupancy Issued

G7. This permit has been issued for: ☐ New Construction ☐ Substantial Improvement

G8. Elevation of as-built lowest floor (including basement) of the building: _____.____ ☐ feet ☐ meters (PR) Datum _____

G9. BFE or (in Zone AO) depth of flooding at the building site: _____.____ ☐ feet ☐ meters (PR) Datum _____

G10. Community's design flood elevation _____.____ ☐ feet ☐ meters (PR) Datum _____

Local Official's Name Title

Community Name Telephone

Signature Date

Comments

☐ Check here if attachments

Building Photographs

See Instructions for Item A6.

	For Insurance Company Use:
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 1000 10TH STREET	Policy Number
City GOLDEN State CO ZIP Code 80401	Company NAIC Number

If using the Elevation Certificate to obtain NFIP flood insurance, affix at least two building photographs below according to the instructions for Item A6. Identify all photographs with: date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View." If submitting more photographs than will fit on this page, use the Continuation Page, following.

SIDE VIEW (WEST)

SIDE VIEW (EAST)

Building Photographs

Continuation Page

	For Insurance Company Use:
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 1000 10TH STREET	Policy Number
City GOLDEN State CO ZIP Code 80401	Company NAIC Number

If submitting more photographs than will fit on the preceding page, affix the additional photographs below. Identify all photographs with: date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View."

FRONT/SIDE VIEW (SOUTH/EAST)

REAR VIEW (NORTH)

Questions concerning the VERTCON process may be mailed to NGS

Latitude: 39.75638

Longitude: 105.22565

NGVD 29 height: 5666FT

Datum shift(NAVD 88 minus NGVD 29): 3.218 feet

Converted to NAVD 88 height: 5669.219 feet

U.S. DEPARTMENT OF HOMELAND SECURITY
Federal Emergency Management Agency
National Flood Insurance Program

ELEVATION CERTIFICATE

OMB No. 1660-0008
Expires March 31, 2012

Important: Read the instructions on pages 1-9.

SECTION A - PROPERTY INFORMATION

For Insurance Company Use:
Policy Number
Company NAIC Number

A1. Building Owner's Name DALE VANCE

A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.
1116 10TH STREET, UNIT 1
City GOLDEN State CO ZIP Code 80401

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)
LOT 10, BLOCK K, BARBERS 1ST ADDITION PARCEL ID# 30-283-34-027

A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) RESIDENTIAL
A5. Latitude/Longitude: Lat. 39° 45' 20.26" N Long. 105° 13' 38.36" W Horizontal Datum: ☐ NAD 1927 ☒ NAD 1983
A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.
A7. Building Diagram Number 8
A8. For a building with a crawlspace or enclosure(s):
a) Square footage of crawlspace or enclosure(s) 945 sq ft
b) No. of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade 3
c) Total net area of flood openings in A8.b 216 sq in
d) Engineered flood openings? ☐ Yes ☒ No

A9. For a building with an attached garage:
a) Square footage of attached garage N/A sq ft
b) No. of permanent flood openings in the attached garage within 1.0 foot above adjacent grade N/A
c) Total net area of flood openings in A9.b N/A sq in
d) Engineered flood openings? ☐ Yes ☒ No

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP Community Name & Community Number	B2. County Name	B3. State
CITY OF GOLDEN NO. 080090	JEFFERSON	COLORADO

B4. Map/Panel Number	B5. Suffix	B6. FIRM Index Date	B7. FIRM Panel Effective/Revised Date	B8. Flood Zone(s)	B9. Base Flood Elevation(s) (Zone AO, use base flood depth)
08059C0188	E	JUNE 17, 2003		AE, X	5,668'

B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9.
☐ FIS Profile ☒ FIRM ☐ Community Determined ☐ Other (Describe) _____
B11. Indicate elevation datum used for BFE in Item B9: ☒ NGVD 1929 ☐ NAVD 1988 ☐ Other (Describe) _____
B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? ☐ Yes ☒ No
Designation Date _____ ☐ CBRS ☐ OPA

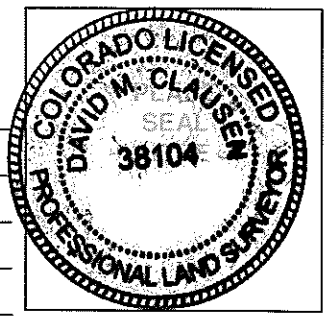
SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

C1. Building elevations are based on: ☐ Construction Drawings* ☐ Building Under Construction* ☒ Finished Construction
*A new Elevation Certificate will be required when construction of the building is complete.
C2. Elevations – Zones A1-A30, AE, AH, A (with BFE), VE, V1-V30, V (with BFE), AR, AR/A, AR/AE, AR/A1-A30, AR/AH, AR/AO. Complete Items C2.a-h below according to the building diagram specified in Item A7. Use the same datum as the BFE.
Benchmark Utilized PID= KK1369 (M 407) Vertical Datum NGVD29
Conversion/Comments ELEVATIONS CONVERTED TO NGVD29 VIA THE CORPSCON / VERTCON CONVERSION UTILITY

			Check the measurement used.
a)	Top of bottom floor (including basement, crawlspace, or enclosure floor)	5670.4	☒ feet ☐ meters (Puerto Rico only)
b)	Top of the next higher floor	5672.0	☒ feet ☐ meters (Puerto Rico only)
c)	Bottom of the lowest horizontal structural member (V Zones only)	N/A	☐ feet ☐ meters (Puerto Rico only)
d)	Attached garage (top of slab)	N/A	☐ feet ☐ meters (Puerto Rico only)
e)	Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments)	5672.0	☒ feet ☐ meters (Puerto Rico only)
f)	Lowest adjacent (finished) grade next to building (LAG)	5670.1	☒ feet ☐ meters (Puerto Rico only)
g)	Highest adjacent (finished) grade next to building (HAG)	5670.8	☒ feet ☐ meters (Puerto Rico only)
h)	Lowest adjacent grade at lowest elevation of deck or stairs, including structural support	5670.0	☒ feet ☐ meters (Puerto Rico only)

SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION

This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information. *I certify that the information on this Certificate represents my best efforts to interpret the data available. I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.* ☒
Check here if comments are provided on back of form. Were latitude and longitude in Section A provided by a licensed land surveyor? ☒ Yes ☐ No



Certifier's Name DAVID M CLAUSEN License Number 38104
Title PROFESSIONAL LAND SURVEYOR Company Name DAVID CLAUSEN LAND SURVEYING
Address 6100 CRESTONE ST City GOLDEN State CO ZIP Code 80403
Signature Date 3-13-12 Telephone (720) 299-4565

IMPORTANT: In these spaces, copy the corresponding information from Section A.	For Insurance Company Use:
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 1116 10TH STREET, UNIT 1	Policy Number
City GOLDENState CO ZIP Code 80401	Company NAIC Number

SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION (CONTINUED)

Copy both sides of this Elevation Certificate for (1) community official, (2) insurance agent/company, and (3) building owner.

Comments
THE DATA REPORTED IN THIS ELEVATION CERTIFICATE APPLIES TO THE MOST SOUTHERLY OF THE TWO BUILDINGS UPON THE SUBJECT PROPERTY.

CRAWL SPACE AREA WAS DETERMINED USING PERIMETER MEASUREMENTS OF THE EXTERIOR FOUNDATION.

Signature Date 2/27/2012

☒ Check here if attachments

SECTION E - BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BFE)

For Zones AO and A (without BFE), complete Items E1-E5. If the Certificate is intended to support a LOMA or LOMR-F request, complete Sections A, B, and C. For Items E1-E4, use natural grade, if available. Check the measurement used. In Puerto Rico only, enter meters.

E1. Provide elevation information for the following and check the appropriate boxes to show whether the elevation is above or below the highest adjacent grade (HAG) and the lowest adjacent grade (LAG).
a) Top of bottom floor (including basement, crawlspace, or enclosure) is _____._____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.
b) Top of bottom floor (including basement, crawlspace, or enclosure) is _____._____ ☐ feet ☐ meters ☐ above or ☐ below the LAG.

E2. For Building Diagrams 6-9 with permanent flood openings provided in Section A Items 8 and/or 9 (see pages 8-9 of Instructions), the next higher floor (elevation C2.b in the diagrams) of the building is _____._____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.

E3. Attached garage (top of slab) is _____._____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.

E4. Top of platform of machinery and/or equipment servicing the building is _____._____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.

E5. Zone AO only: If no flood depth number is available, is the top of the bottom floor elevated in accordance with the community's floodplain management ordinance? ☐ Yes ☐ No ☐ Unknown. The local official must certify this information in Section G.

SECTION F - PROPERTY OWNER (OR OWNER'S REPRESENTATIVE) CERTIFICATION

The property owner or owner's authorized representative who completes Sections A, B, and E for Zone A (without a FEMA-issued or community-issued BFE) or Zone AO must sign here. *The statements in Sections A, B, and E are correct to the best of my knowledge.*

Property Owner's or Owner's Authorized Representative's Name
DAVID M CLAUSEN

Address 6100 CRESTONE ST City GOLDEN State CO ZIP Code 80403

Signature Date 2/27/2012 Telephone 720 299-4565

Comments

☐ Check here if attachments

SECTION G - COMMUNITY INFORMATION (OPTIONAL)

The local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete Sections A, B, C (or E), and G of this Elevation Certificate. Complete the applicable item(s) and sign below. Check the measurement used in Items G8 and G9.

G1. ☐ The information in Section C was taken from other documentation that has been signed and sealed by a licensed surveyor, engineer, or architect who is authorized by law to certify elevation information. (Indicate the source and date of the elevation data in the Comments area below.)

G2. ☐ A community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued BFE) or Zone AO.

G3. ☐ The following information (Items G4-G9) is provided for community floodplain management purposes.

G4. Permit Number	G5. Date Permit Issued	G6. Date Certificate Of Compliance/Occupancy Issued

G7. This permit has been issued for: ☐ New Construction ☐ Substantial Improvement

G8. Elevation of as-built lowest floor (including basement) of the building: _____._____ ☐ feet ☐ meters (PR) Datum _____

G9. BFE or (in Zone AO) depth of flooding at the building site: _____._____ ☐ feet ☐ meters (PR) Datum _____

G10. Community's design flood elevation _____._____ ☐ feet ☐ meters (PR) Datum _____

Local Official's Name Title

Community Name Telephone

Signature Date

Comments

☐ Check here if attachments

U.S. DEPARTMENT OF HOMELAND SECURITY
Federal Emergency Management Agency
National Flood Insurance Program

ELEVATION CERTIFICATE

Important: Read the instructions on pages 1-9.

OMB No. 1660-0008
Expires March 31, 2012

SECTION A - PROPERTY INFORMATION

For Insurance Company Use:
Policy Number
Company NAIC Number

A1. Building Owner's Name Robert Toohill

A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.
1217 9th Street
City Golden State CO ZIP Code 80401

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)
Lot 18, Block K, Barbers 2nd Addition

A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) Residential

A5. Latitude/Longitude: Lat. 39°45'19.0 Long. 105°13'42.8 Horizontal Datum: ☐ NAD 1927 ☒ NAD 1983

A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.

A7. Building Diagram Number 9

A8. For a building with a crawlspace or enclosure(s):
- a) Square footage of crawlspace or enclosure(s) 928 sq ft
- b) No. of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade na
- c) Total net area of flood openings in A8.b na sq in
- d) Engineered flood openings? ☐ Yes ☒ No

A9. For a building with an attached garage:
- a) Square footage of attached garage na sq ft
- b) No. of permanent flood openings in the attached garage within 1.0 foot above adjacent grade na
- c) Total net area of flood openings in A9.b na sq in
- d) Engineered flood openings? ☐ Yes ☒ No

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP Community Name & Community Number	B2. County Name	B3. State
Jefferson County	Jefferson County, Golden	CO

B4. Map/Panel Number	B5. Suffix	B6. FIRM Index Date	B7. FIRM Panel Effective/Revised Date	B8. Flood Zone(s)	B9. Base Flood Elevation(s) (Zone AO, use base flood depth)
08059CO188	E	June 17, 2003		AE	5672

B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9.
☐ FIS Profile ☒ FIRM ☐ Community Determined ☐ Other (Describe) _____

B11. Indicate elevation datum used for BFE in Item B9: ☒ NGVD 1929 ☐ NAVD 1988 ☐ Other (Describe) _____

B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? ☐ Yes ☒ No
Designation Date _____ ☐ CBRS ☐ OPA

SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

C1. Building elevations are based on: ☐ Construction Drawings* ☐ Building Under Construction* ☒ Finished Construction
*A new Elevation Certificate will be required when construction of the building is complete.

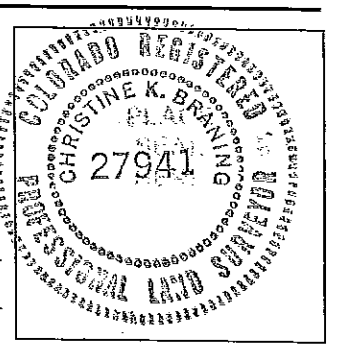
C2. Elevations – Zones A1-A30, AE, AH, A (with BFE), VE, V1-V30, V (with BFE), AR, AR/A, AR/AE, AR/A1-A30, AR/AH, AR/AO. Complete Items C2.a-h below according to the building diagram specified in Item A7. Use the same datum as the BFE.
Benchmark Utilized KK1369 Vertical Datum NAVD29
Conversion/Comments Vertcon

			Check the measurement used.
a)	Top of bottom floor (including basement, crawlspace, or enclosure floor)	5672.5	☒ feet ☐ meters (Puerto Rico only)
b)	Top of the next higher floor	5676.2	☒ feet ☐ meters (Puerto Rico only)
c)	Bottom of the lowest horizontal structural member (V Zones only)	na	☐ feet ☐ meters (Puerto Rico only)
d)	Attached garage (top of slab)	na	☐ feet ☐ meters (Puerto Rico only)
e)	Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments)	5672.5	☒ feet ☐ meters (Puerto Rico only)
f)	Lowest adjacent (finished) grade next to building (LAG)	5673.6	☒ feet ☐ meters (Puerto Rico only)
g)	Highest adjacent (finished) grade next to building (HAG)	5675.2	☒ feet ☐ meters (Puerto Rico only)
h)	Lowest adjacent grade at lowest elevation of deck or stairs, including structural support	5674.5	☒ feet ☐ meters (Puerto Rico only)

SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION

This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information. *I certify that the information on this Certificate represents my best efforts to interpret the data available. I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.*

☒ Check here if comments are provided on back of form. Were latitude and longitude in Section A provided by a licensed land surveyor? ☒ Yes ☐ No



Certifier's Name Christine K. Braning License Number CO L.S. 27941

Title Land Surveyor Company Name Braning Land Surveying

Address 4445 Eldridge Sreet City Golden State CO ZIP Code 80403

Signature Christine K. Braning Date March 29, 2010 Telephone 303-278-1782

IMPORTANT: In these spaces, copy the corresponding information from Section A.	For Insurance Company Use:
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 1217 9th Street	Policy Number
City Golden State CO ZIP Code 80401	Company NAIC Number

SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION (CONTINUED)

Copy both sides of this Elevation Certificate for (1) community official, (2) insurance agent/company, and (3) building owner.

Comments Hot water heater is located in the crawl space elevation is approximately 5672.5'. Direct exact measurement of the elevation of the crawl space was not possible because of accessibility issues. Crawl space area was determined by using the first floor area shown on the Jeffco Assessor data sheet. The furnace is located on the first floor, elevation 5676.2'.

Christine K. Braning

Signature Date March 29, 2010

☒ Check here if attachments

SECTION E - BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BFE)

For Zones AO and A (without BFE), complete Items E1-E5. If the Certificate is intended to support a LOMA or LOMR-F request, complete Sections A, B, and C. For Items E1-E4, use natural grade, if available. Check the measurement used. In Puerto Rico only, enter meters.

E1. Provide elevation information for the following and check the appropriate boxes to show whether the elevation is above or below the highest adjacent grade (HAG) and the lowest adjacent grade (LAG).
a) Top of bottom floor (including basement, crawlspace, or enclosure) is _____.____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.
b) Top of bottom floor (including basement, crawlspace, or enclosure) is _____.____ ☐ feet ☐ meters ☐ above or ☐ below the LAG.

E2. For Building Diagrams 6-9 with permanent flood openings provided in Section A Items 8 and/or 9 (see pages 8-9 of Instructions), the next higher floor (elevation C2.b in the diagrams) of the building is _____.____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.

E3. Attached garage (top of slab) is _____.____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.

E4. Top of platform of machinery and/or equipment servicing the building is _____.____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.

E5. Zone AO only: If no flood depth number is available, is the top of the bottom floor elevated in accordance with the community's floodplain management ordinance? ☐ Yes ☐ No ☐ Unknown. The local official must certify this information in Section G.

SECTION F - PROPERTY OWNER (OR OWNER'S REPRESENTATIVE) CERTIFICATION

The property owner or owner's authorized representative who completes Sections A, B, and E for Zone A (without a FEMA-issued or community-issued BFE) or Zone AO must sign here. *The statements in Sections A, B, and E are correct to the best of my knowledge.*

Property Owner's or Owner's Authorized Representative's Name
Christine K. Braning

Address 4445 Eldridge Street City Golden State CO ZIP Code

Signature Christine K. Braning Date March 29, 2010 Telephone 303-278-1782

Comments

☐ Check here if attachments

SECTION G - COMMUNITY INFORMATION (OPTIONAL)

The local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete Sections A, B, C (or E), and G of this Elevation Certificate. Complete the applicable item(s) and sign below. Check the measurement used in Items G8 and G9.

G1. ☐ The information in Section C was taken from other documentation that has been signed and sealed by a licensed surveyor, engineer, or architect who is authorized by law to certify elevation information. (Indicate the source and date of the elevation data in the Comments area below.)

G2. ☐ A community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued BFE) or Zone AO.

G3. ☐ The following information (Items G4-G9) is provided for community floodplain management purposes.

G4. Permit Number	G5. Date Permit Issued	G6. Date Certificate Of Compliance/Occupancy Issued

G7. This permit has been issued for: ☐ New Construction ☐ Substantial Improvement

G8. Elevation of as-built lowest floor (including basement) of the building: _____.____ ☐ feet ☐ meters (PR) Datum _____

G9. BFE or (in Zone AO) depth of flooding at the building site: _____.____ ☐ feet ☐ meters (PR) Datum _____

G10. Community's design flood elevation _____.____ ☐ feet ☐ meters (PR) Datum _____

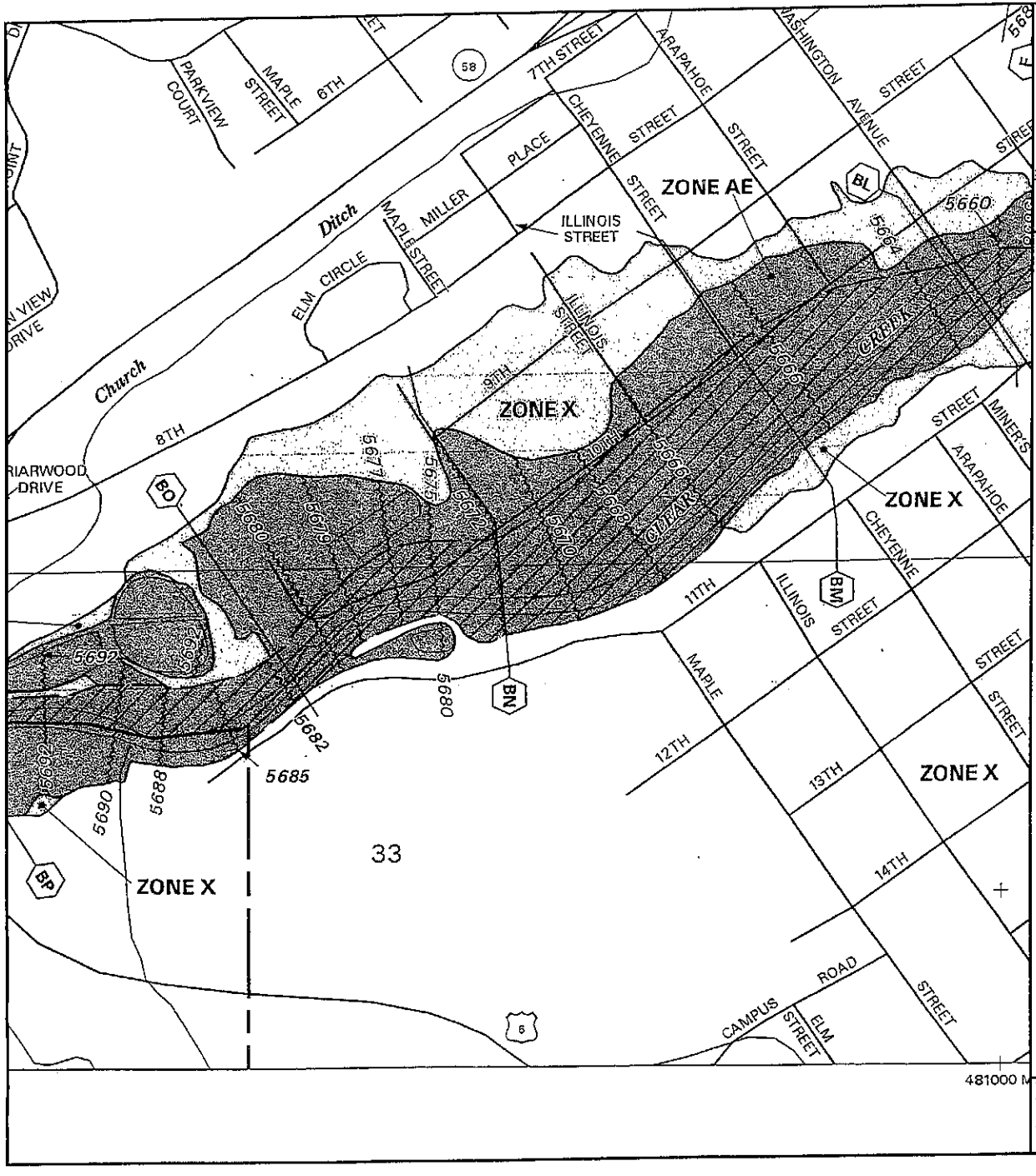
Local Official's Name Title

Community Name Telephone

Signature Date

Comments

☐ Check here if attachments



MAP SCALE 1" = 500'

250 0 500 1000 FEET

METE

PANEL 0188 E

FIRM

FLOOD INSURANCE RATE MAP

JEFFERSON COUNTY, COLORADO AND INCORPORATED AREAS

PANEL 188 OF 675

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
JEFFERSON COUNTY, UNINCORPORATED AREAS	080087	0188	E
GOLDEN, CITY OF	080090	0188	E

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
08059C0188 E

EFFECTIVE DATE:
JUNE 17, 2003

Federal Emergency Management Agency

NATIONAL FLOOD INSURANCE PROGRAM

Questions concerning the VERTCON process may be mailed to NGS

Latitude: 39 46 15

Longitude: 105 13 52

NAVD 88 height: 5871.47 ft

Datum shift (NAVD 88 minus NGVD 29): 3.245 feet

Converted to NGVD 29 height: 5868.225 feet

All elevations were converted from NAVD 88 to NAVD 29.

The NGS Data Sheet

See file dsdata.txt for more information about the datasheet.

```
DATABASE =  ,PROGRAM = datasheet, VERSION = 7.82
1        National Geodetic Survey,   Retrieval Date = MARCH 29, 2010
 KK1369 ***********************************************************************
 KK1369  DESIGNATION -  M 407
 KK1369  PID         -  KK1369
 KK1369  STATE/COUNTY-  CO/JEFFERSON
 KK1369  USGS QUAD   -  GOLDEN (1994)
 KK1369
 KK1369                          *CURRENT SURVEY CONTROL
 KK1369
 KK1369* NAD 83(1986)-  39 46 15.      (N)     105 13 52.      (W)      SCALED
 KK1369* NAVD 88      -       1789.627  (meters)     5871.47    (feet)  ADJUSTED
 KK1369
 KK1369  GEOID HEIGHT-          -15.48  (meters)                         GEOID09
 KK1369  DYNAMIC HT  -         1787.828 (meters)     5865.57    (feet)  COMP
 KK1369  MODELED GRAV-      979,558.4   (mgal)                           NAVD 88
 KK1369
 KK1369  VERT ORDER  -  FIRST      CLASS II
 KK1369
 KK1369.The horizontal coordinates were scaled from a topographic map and have
 KK1369.an estimated accuracy of +/- 6 seconds.
 KK1369
 KK1369.The orthometric height was determined by differential leveling and
 KK1369.adjusted in June 1991.
 KK1369
 KK1369.The geoid height was determined by GEOID09.
 KK1369
 KK1369.The dynamic height is computed by dividing the NAVD 88
 KK1369.geopotential number by the normal gravity value computed on the
 KK1369.Geodetic Reference System of 1980 (GRS 80) ellipsoid at 45
 KK1369.degrees latitude (g = 980.6199 gals.).
 KK1369
 KK1369.The modeled gravity was interpolated from observed gravity values.
 KK1369
 KK1369;                     North         East     Units  Estimated Accuracy
 KK1369;SPC CO C      -   519,920.      937,440.       MT  (+/- 180 meters Scaled)
 KK1369
 KK1369                          SUPERSEDED SURVEY CONTROL
 KK1369
 KK1369  NGVD 29 (??/??/??) 1788.648  (m)          5868.26    (f) ADJUSTED    1 2
 KK1369
 KK1369.Superseded values are not recommended for survey control.
 KK1369.NGS no longer adjusts projects to the NAD 27 or NGVD 29 datums.
 KK1369.See file dsdata.txt to determine how the superseded data were derived.
 KK1369
 KK1369_U.S. NATIONAL GRID SPATIAL ADDRESS: 13SDE802023(NAD 83)
 KK1369_MARKER: I = METAL ROD
 KK1369_SETTING: 15 = METAL ROD DRIVEN INTO GROUND. SEE TEXT FOR ADDITIONAL
 KK1369+WITH SETTING: INFORMATION.
 KK1369_SP_SET: SHALLOW SET METAL ROD
 KK1369_STAMPING: M 407 1984
 KK1369_MARK LOGO: NGS
 KK1369_PROJECTION: FLUSH
```

KK1369_STABILITY: B = PROBABLY HOLD POSITION/ELEVATION WELL
KK1369_ROD/PIPE-DEPTH: 2.7 meters
KK1369
KK1369 HISTORY - Date Condition Report By
KK1369 HISTORY - 1984 MONUMENTED NGS
KK1369
KK1369 STATION DESCRIPTION
KK1369
KK1369'DESCRIBED BY NATIONAL GEODETIC SURVEY 1984
KK1369'IN GOLDEN.
KK1369'IN GOLDEN, AT THE INTERSECTION OF FORD AND TEXAS STREETS, 90.0 METERS
KK1369'(295.3 FT) NORTH OF THE CENTER OF TEXAS STREET, 8.5 METERS (27.9 FT)
KK1369'SOUTH-SOUTHEAST OF THE WEST END OF A 72-INCH METAL CULVERT, 7.5 METERS
KK1369'(24.6 FT) WEST OF THE CENTERLINE OF FORD STREET, AND 0.9 METER
KK1369'(3.0 FT) SOUTH OF UTILITY POLE NUMBER 665. NOTE--REFUSAL WAS REACHED
KK1369'AT 9.0 FT. ACCESS TO THE DATUM POINT IS THROUGH A 5-INCH LOGO CAP.
KK1369'THE MARK IS 0.3 METERS N FROM A WITNESS POST.
KK1369'THE MARK IS ABOVE LEVEL WITH THE STREET.

*** retrieval complete.
Elapsed Time = 00:00:01

 CAT 39° 45' 19" N 105° 13' 42" W

Property Information | Neighborhood Sales | Advanced Sales Search | History

Previous 3 OF 14 Next

GENERAL INFORMATION

Schedule: 001843
Parcel ID: 30-284-34-012
Print Help
Status: Active
Property Type: Residential

Property Address: 01217 9TH ST
GOLDEN CO 80401 1078
Mailing Address: SAME ADDRESS AS PROPERTY
Neighborhood: 6104 - GOLDEN PROPER

Owner Name(s)
TOOHILL ROBERT J JR

PROPERTY DESCRIPTION

Subdivision Name: 063400 - BARBERS 2ND ADD

Block	Lot	Key	Section	Township	Range	QuarterSection	Land Sqft
00K	0018		28	3	70		6547
						Total	6547

Assessor Parcel Maps Associated with Schedule
map30-284.pdf

Graphic Parcel Map
MapQuest Location

PROPERTY INVENTORY

Property Type RESID
Year Built: 2006
Adjusted Year Built: 2006
Design: 2 Story
Improvement Number: 1

Item	Quality	No.
MAIN BEDROOM		1
FULL BATH	Average	1

Areas	Quality	Construction	Sqft
FIRST FLOOR	Average	F	928
SECOND FLOOR	Average	F	568

Adjustment Code	Adjustment SqFt
HOT WTR HEAT	1496

Land Characteristics
Park

SALE HISTORY

Sale Date	Sale Amount	Deed Type	Reception
09-28-1987	0	Death Certificate	87121206
10-25-2001	159,000	Warranty Deed	F1347458

TAX INFORMATION

2009 Payable 2010	
	Actual Value
Total	404,260
	Assessed Value
Total	32,180

Treasurer Information

View Mill Levy Detail For Year	2010	2009

2009 Mill Levy Information	
Tax District	5008
County	24.3460
School	48.1450
GOLDEN	12.3400
REGIONAL TRANSPORTATION DIST.	0.0000
URBAN DRAINAGE&FLOOD CONT DIST	0.5080
URBAN DRAINAGE&FLOOD C SO.PLAT	0.0610
Total	85.4000

FEDERAL EMERGENCY MANAGEMENT AGENCY
NATIONAL FLOOD INSURANCE PROGRAM

O.M.B. No. 3067-0077
Expires December 31, 2005

ELEVATION CERTIFICATE

Job No. 94723

Important: Read the instructions on pages 1-7.

SECTION A - PROPERTY OWNER INFORMATION

	For Insurance Company Use:
BUILDING OWNER'S NAME	Policy Number
BUILDING STREET ADDRESS (Including Apt., Unit, Suite, and/or Bldg. No.) OR P.O. ROUTE AND BOX NO. 1800 Jackson St.	Company NAIC Number

CITY: Golden, STATE: Colorado ZIP CODE: 80401

PROPERTY DESCRIPTION (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)
Lots 18 through 24, Block 25, WELCH ADDITION TO GOLDEN, Colorado Territory

BUILDING USE (e.g., Residential, Non-residential, Addition, Accessory, etc. Use a Comments area, if necessary.)
Non Residential

LATITUDE/LONGITUDE (OPTIONAL) (##° - ##' - ##.## or ###.######°) HORIZONTAL DATUM: ☐ NAD 1927 ☐ NAD 1983 SOURCE: ☐ GPS (Typo): ☐ USGS Quad Map ☐ Other:

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP COMMUNITY NAME & COMMUNITY NUMBER	B2. COUNTY NAME	B3. STATE
GOLDEN 080090	JEFFERSON	CO

B4. MAP AND PANEL NUMBER	B5. SUFFIX	B6. FIRM INDEX DATE	B7. FIRM PANEL EFFECTIVE/REVISED DATE	B8. FLOOD ZONE(S)	B9. BASE FLOOD ELEVATION(S) (Zone AO, use depth of flooding)
0003	A	11-05-1976	May 15, 1985	A3	5709

B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in B9.
☐ FIS Profile ☒ FIRM ☐ Community Determined ☐ Other (Describe):

B11. Indicate the elevation datum used for the BFE in B9: ☒ NGVD 1929 ☐ NAVD 1988 ☐ Other (Describe):

B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? ☐ Yes ☒ No Designation Date

SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

C1. Building elevations are based on: ☐ Construction Drawings* ☐ Building Under Construction* ☒ Finished Construction

*A new Elevation Certificate will be required when construction of the building is complete.

C2. Building Diagram Number 1 (Select the building diagram most similar to the building for which this certificate is being completed - see pages 6 and 7. If no diagram accurately represents the building, provide a sketch or photograph.)

C3. Elevations – Zones A1-A30, AE, AH, A (with BFE), VE, V1-V30, V (with BFE), AR, AR/A, AR/AE, AR/A1-A30, AR/AH, AR/AO

Complete items C3.a-i below according to the building diagram specified in Item C2. State the datum used. If the datum is different from the datum used for the BFE in Section B, convert the datum to that used for the BFE. Show field measurements and datum conversion calculation. Use the space provided or the Comments area of Section D or Section G, as appropriate, to document the datum conversion.

Datum ____ Conversion/Comments

Elevation reference mark used RM-2 Does the elevation reference mark used appear on the FIRM? ☒ Yes ☐ No

o a) Top of bottom floor (including basement or enclosure)	5707.9 ft.(m)	☒
o b) Top of next higher floor	5718.6 ft.(m)	☒
o c) Bottom of lowest horizontal structural member (V zones only)	____.__ ft.(m)	
o d) Attached garage (top of slab)	____.__ ft.(m)	
o e) Lowest elevation of machinery and/or equipment servicing the building (Describe in a Comments area)	____.__ ft.(m)	
o f) Lowest adjacent (finished) grade (LAG)	5707.6 ft.(m)	☒
o g) Highest adjacent (finished) grade (HAG)	____.__ ft.(m)	
o h) No. of permanent openings (flood vents) within 1 ft. above adjacent grade		
o i) Total area of all permanent openings (flood vents) in C3.h ____ sq. in. (sq. cm)		

License Number, Embossed Seal, Signature, and Date

COLORADO LICENSED EUGENE ALLAN BURDICK 9010 P.E. AND P.L.S.

SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION

This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information.

I certify that the information in Sections A, B, and C on this certificate represents my best efforts to interpret the data available.

I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.

CERTIFIER'S NAME	LICENSE NUMBER
Eugene A. Burdick, PE-PLS	Colorado 9010

TITLE	COMPANY NAME
President	Burdick Engineering Consultants Incorporated

ADDRESS	CITY	STATE	ZIP CODE
2109 S. Wadsworth Blvd.,	Lakewood,	CO	80227

SIGNATURE	DATE	TELEPHONE
Eugene A. Burdick	July 23, 2004	(303) 980-9104

Federal Emergency Management Agency

Washington, D.C. 20472

January 20, 2011

MR. JESSE & JESSICA SWIFT
1903 WASHINGTON AVENUE
GOLDEN, CO 80401

CASE NO.: 11-08-0232A
COMMUNITY: CITY OF GOLDEN, JEFFERSON COUNTY, COLORADO
COMMUNITY NO.: 080090

DEAR MR. SWIFT:

This is in reference to a request that the Federal Emergency Management Agency (FEMA) determine if the property described in the enclosed document is located within an identified Special Flood Hazard Area, the area that would be inundated by the flood having a 1-percent chance of being equaled or exceeded in any given year (base flood), on the effective National Flood Insurance Program (NFIP) map. Using the information submitted and the effective NFIP map, our determination is shown on the attached Letter of Map Amendment (LOMA) Determination Document. This determination document provides additional information regarding the effective NFIP map, the legal description of the property and our determination.

Additional documents are enclosed which provide information regarding the subject property and LOMAs. Please see the List of Enclosures below to determine which documents are enclosed. Other attachments specific to this request may be included as referenced in the Determination/Comment document. If you have any questions about this letter or any of the enclosures, please contact the FEMA Map Assistance Center toll free at (877) 336-2627 (877-FEMA MAP) or by letter addressed to the Federal Emergency Management Agency, LOMC Clearinghouse, 6730 Santa Barbara Court, Elkridge, MD 21075.

Sincerely,

Luis Rodriguez, P.E., Chief
Engineering Management Branch
Federal Insurance and Mitigation Administration

LIST OF ENCLOSURES:

LOMA DETERMINATION DOCUMENT (REMOVAL)
LOMA-DEN DETERMINATION DOCUMENT (NON-REMOVAL)

cc: State/Commonwealth NFIP Coordinator
Community Map Repository
Region

Date: January 20, 2011	Case No.: 11-08-0232A	LOMA

Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP AMENDMENT
DETERMINATION DOCUMENT (REMOVAL)

COMMUNITY AND MAP PANEL INFORMATION		LEGAL PROPERTY DESCRIPTION
COMMUNITY	CITY OF GOLDEN, JEFFERSON COUNTY, COLORADO	Lot 4, Martin's Resubdivision, as shown on the Plat recorded as Document No. 3457 in Book 7, Page 1, in the Office of the Recorder, Jefferson County, Colorado
	COMMUNITY NO.: 080090	
AFFECTED MAP PANEL	NUMBER: 08059C0277E	
	DATE: 6/17/2003	
FLOODING SOURCE: EAST FORK KENNEYS RUN; KENNEYS RUN; WEST FORK KENNEYS RUN		APPROXIMATE LATITUDE & LONGITUDE OF PROPERTY: 39.749, -105.215 SOURCE OF LAT & LONG: GOOGLE EARTH PRO DATUM: NAD 83

DETERMINATION

LOT	BLOCK/ SECTION	SUBDIVISION	STREET	OUTCOME WHAT IS REMOVED FROM THE SFHA	FLOOD ZONE	1% ANNUAL CHANCE FLOOD ELEVATION (NGVD 29)	LOWEST ADJACENT GRADE ELEVATION (NGVD 29)	LOWEST LOT ELEVATION (NGVD 29)
4	--	Martin's	1903 Washington Avenue	Structure (Residence)	X (unshaded)	5717.0 feet	5718.6 feet	--

Special Flood Hazard Area (SFHA) - The SFHA is an area that would be inundated by the flood having a 1-percent chance of being equaled or exceeded in any given year (base flood).

ADDITIONAL CONSIDERATIONS (Please refer to the appropriate section on Attachment 1 for the additional considerations listed below.)

PORTIONS REMAIN IN THE SFHA
STUDY UNDERWAY

This document provides the Federal Emergency Management Agency's determination regarding a request for a Letter of Map Amendment for the property described above. Using the information submitted and the effective National Flood Insurance Program (NFIP) map, we have determined that the structure(s) on the property(ies) is/are not located in the SFHA, an area inundated by the flood having a 1-percent chance of being equaled or exceeded in any given year (base flood). This document amends the effective NFIP map to remove the subject property from the SFHA located on the effective NFIP map; therefore, the Federal mandatory flood insurance requirement does not apply. However, the lender has the option to continue the flood insurance requirement to protect its financial risk on the loan. A Preferred Risk Policy (PRP) is available for buildings located outside the SFHA. Information about the PRP and how one can apply is enclosed.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination. If you have any questions about this document, please contact the FEMA Map Assistance Center toll free at (877) 336-2627 (877-FEMA MAP) or by letter addressed to the Federal Emergency Management Agency, LOMC Clearinghouse, 6730 Santa Barbara Court, Elkridge, MD 21075.

Luis Rodriguez, P.E., Chief
Engineering Management Branch
Federal Insurance and Mitigation Administration

Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP AMENDMENT
DETERMINATION DOCUMENT (REMOVAL)

ATTACHMENT 1 (ADDITIONAL CONSIDERATIONS)

PORTIONS OF THE PROPERTY REMAIN IN THE SFHA (This Additional Consideration applies to the preceding 1 Property.)

Portions of this property, but not the subject of the Determination/Comment document, may remain in the Special Flood Hazard Area. Therefore, any future construction or substantial improvement on the property remains subject to Federal, State/Commonwealth, and local regulations for floodplain management.

STUDY UNDERWAY (This Additional Consideration applies to all properties in the LOMA DETERMINATION DOCUMENT (REMOVAL))

This determination is based on the flood data presently available. However, the Federal Emergency Management Agency is currently revising the National Flood Insurance Program (NFIP) map for the community. New flood data could be generated that may affect this property. When the new NFIP map is issued it will supersede this determination. The Federal requirement for the purchase of flood insurance will then be based on the newly revised NFIP map.

This attachment provides additional information regarding this request. If you have any questions about this attachment, please contact the FEMA Map Assistance Center toll free at (877) 336-2627 (877-FEMA MAP) or by letter addressed to the Federal Emergency Management Agency, LOMC Clearinghouse, 6730 Santa Barbara Court, Elkridge, MD 21075.

Luis Rodriguez, P.E., Chief
Engineering Management Branch
Federal Insurance and Mitigation Administration

Date: January 20, 2011	Case No.: 11-08-0232A	LOMA-DEN

Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP AMENDMENT
DETERMINATION DOCUMENT (NON-REMOVAL)

COMMUNITY AND MAP PANEL INFORMATION		LEGAL PROPERTY DESCRIPTION
COMMUNITY	CITY OF GOLDEN, JEFFERSON COUNTY, COLORADO	Lot 4, Martin's Resubdivision, as shown on the Plat recorded as Document No. 3457 in Book 7, Page 1, in the Office of the Recorder, Jefferson County, Colorado
	COMMUNITY NO.: 080090	
AFFECTED MAP PANEL	NUMBER: 08059C0277E	
	DATE: 6/17/2003	
FLOODING SOURCE: EAST FORK KENNEYS RUN; KENNEYS RUN; WEST FORK KENNEYS RUN		APPROXIMATE LATITUDE & LONGITUDE OF PROPERTY: 39.749, -105.215 SOURCE OF LAT & LONG: GOOGLE EARTH PRO DATUM: NAD 83

DETERMINATION

LOT	BLOCK/ SECTION	SUBDIVISION	STREET	OUTCOME WHAT IS NOT REMOVED FROM THE SFHA	FLOOD ZONE	1% ANNUAL CHANCE FLOOD ELEVATION (NGVD 29)	LOWEST ADJACENT GRADE ELEVATION (NGVD 29)	LOWEST LOT ELEVATION (NGVD 29)
4	--	Martin's	1903 Washington Avenue	Structure (Garage)	AE	5717.0 feet	5712.9 feet	--

Special Flood Hazard Area (SFHA) - The SFHA is an area that would be inundated by the flood having a 1-percent chance of being equaled or exceeded in any given year (base flood).

ADDITIONAL CONSIDERATIONS (Please refer to the appropriate section on Attachment 1 for the additional considerations listed below.)

STUDY UNDERWAY

This document provides the Federal Emergency Management Agency's determination regarding a request for a Letter of Map Amendment for the property described above. Using the information submitted and the effective National Flood Insurance Program (NFIP) map, we have determined that the structure(s) on the property(ies) is/are located in the SFHA, an area inundated by the flood having a 1-percent chance of being equaled or exceeded in any given year (base flood). Therefore, flood insurance is required for the property described above. The lowest adjacent grade elevation to a structure must be at or above the Base Flood Elevation for a structure to be outside of the SFHA.

This determination is based on the flood data presently available. The enclosed documents provide additional information regarding this determination and information regarding your options for obtaining a Letter of Map Amendment. If you have any questions about this document, please contact the FEMA Map Assistance Center toll free at (877) 336-2627 (877-FEMA MAP) or by letter addressed to the Federal Emergency Management Agency, LOMC Clearinghouse, 6730 Santa Barbara Court, Elkridge, MD 21075.

Luis Rodriguez, P.E., Chief
Engineering Management Branch
Federal Insurance and Mitigation Administration

Federal Emergency Management Agency

Washington, D.C. 20472

LETTER OF MAP AMENDMENT
DETERMINATION DOCUMENT (NON-REMOVAL)

ATTACHMENT 1 (ADDITIONAL CONSIDERATIONS)

STUDY UNDERWAY (This Additional Consideration applies to all properties in the LOMA-DEN DETERMINATION DOCUMENT (NON-REMOVAL))

This determination is based on the flood data presently available. However, the Federal Emergency Management Agency is currently revising the National Flood Insurance Program (NFIP) map for the community. New flood data could be generated that may affect this property. When the new NFIP map is issued it will supersede this determination. The Federal requirement for the purchase of flood insurance will then be based on the newly revised NFIP map.

This attachment provides additional information regarding this request. If you have any questions about this attachment, please contact the FEMA Map Assistance Center toll free at (877) 336-2627 (877-FEMA MAP) or by letter addressed to the Federal Emergency Management Agency, LOMC Clearinghouse, 6730 Santa Barbara Court, Elkridge, MD 21075.

Luis Rodriguez, P.E., Chief
Engineering Management Branch
Federal Insurance and Mitigation Administration

O.M.B. NO. 3067-0077
Expires May 31, 1998

ELEVATION CERTIFICATE

FEDERAL EMERGENCY MANAGEMENT AGENCY
NATIONAL FLOOD INSURANCE PROGRAM

ATTENTION: Use of this certificate does not provide a waiver of the flood insurance purchase requirement. This form is used only to provide elevation information necessary to ensure compliance with applicable community floodplain management ordinances, to determine the proper insurance premium rate, and/or to support a request for a Letter of Map Amendment or Revision (LOMA or LOMR). Instructions for completing this form can be found on the following pages.

SECTION A PROPERTY INFORMATION

	FOR INSURANCE COMPANY USE
BUILDING OWNER'S NAME: WAGGIN' TAILS, INC., A COLORADO CORPORATION	POLICY NUMBER
STREET ADDRESS (including Apt., Unit, Suite and/or Bldg. Number) OR P.O. ROUTE AND BOX NUMBER: 17731 WEST COLFAX AVENUE	COMPANY NAIC NUMBER

OTHER DESCRIPTION (Lot and Block Numbers, etc.): PORTION OF W 1/2 NW 1/4 OF SECTION 17, T-4-S R-70-W 6TH P.M.

CITY: GOLDEN | STATE: COLORADO | ZIP CODE: 80419

SECTION B FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

Provide the following from the proper FIRM (See Instructions):

1. COMMUNITY NUMBER	2. PANEL NUMBER	3. SUFFIX	4. DATE OF FIRM INDEX	5. FIRM ZONE	6. BASE FLOOD ELEVATION (in AO Zones, use depth)
080090	0002	A	MAY 15, 1986	A2	6005

7. Indicate the elevation datum system used on the FIRM for Base Flood Elevations (BFE): ☐ NGVD '29 ☐ Other (describe on back)
8. For Zones A or V, where no BFE is provided on the FIRM, and the community has established a BFE for this building site, indicate the community's BFE: [ ] [ ] feet NGVD (or other FIRM datum-see Section B, Item 7)

SECTION C BUILDING ELEVATION INFORMATION

1. Using the Elevation Certificate Instructions, indicate the diagram number from the diagrams found on Pages 5 and 6 that best describes the subject building's reference level: 1
(a). FIRM Zones A1-A30, AE, AH, and A (with BFE). The top of the reference level floor from the selected diagram is at an elevation of 6,005.7 feet NGVD (or other FIRM datum-see Section B, Item 7).
(b). FIRM Zones V1-V30, VE, and V (with BFE). The bottom of the lowest horizontal structural member of the reference level from the selected diagram, is at an elevation of [ ] [ ] feet NGVD (or other FIRM datum-see Section B, Item 7).
(c). FIRM Zone A (without BFE). The floor used as the reference level from the selected diagram is [ ] [ ] feet above ☐ or below ☐ (check one) the highest grade adjacent to the building.
(d). FIRM Zone AO. The floor used as the reference level from the selected diagram is [ ] [ ] feet above ☐ or below ☐ (check one) the highest grade adjacent to the building. If no flood depth number is available, is the building's lowest floor (reference level) elevated in accordance with the community's floodplain management ordinance? ☐ Yes ☐ No ☐ Unknown
2. Indicate the elevation datum system used in determining the above reference level elevations: ☒ NGVD '29 ☐ Other (describe under Comments on Page 2). *(NOTE: If the elevation datum used in measuring the elevations is different than that used on the FIRM (see Section B, Item 7), then convert the elevations to the datum system used on the FIRM and show the conversion equation under Comments on Page 2.)*
3. Elevation reference mark used appears on FIRM: ☐ Yes ☒ No (See Instructions on Page 4)
4. The reference level elevation is based on: ☒ actual construction ☐ construction drawings
(NOTE: Use of construction drawings is only valid if the building does not yet have the reference level floor in place, in which case this certificate will only be valid for the building during the course of construction. A post-construction Elevation Certificate will be required once construction is complete.)
5. The elevation of the lowest grade immediately adjacent to the building is: 6,005.0 feet NGVD (or other FIRM datum-see Section B, Item 7).

SECTION D COMMUNITY INFORMATION

If the community official responsible for verifying building elevations specifies that the reference level indicated in Section C, Item 1 is not the "lowest floor" as defined in the community's floodplain management ordinance, the elevation of the building's "lowest floor" as defined by the ordinance is: [ ] [ ] feet NGVD (or other FIRM datum-see Section B, Item 7).
Date of the start of construction or substantial improvement _____

SECTION E - CERTIFICATION

This certification is to be signed by a land surveyor, engineer, or architect who is authorized by state or local law to certify elevation information when the elevation information for Zones A1-A30, AE, AH, A (with BFE), V1-V30, VE, and V (with BFE) is required. Community officials who are authorized by local law or ordinance to provide floodplain management information, may also sign the certification. In the case of Zones AO and A (without a FEMA or community issued BFE), a building official, a property owner, or an owner's representative may also sign the certification.

Reference level diagrams 6, 7 and 8 - Distinguishing Features--If the certifier is unable to certify to breakaway/non-breakaway wall, enclosure size, location of servicing equipment, area use, wall openings, or unfinished area Feature(s), then list the Feature(s) not included in the certification under Comments below. The diagram number, Section C, Item 1, must still be entered.

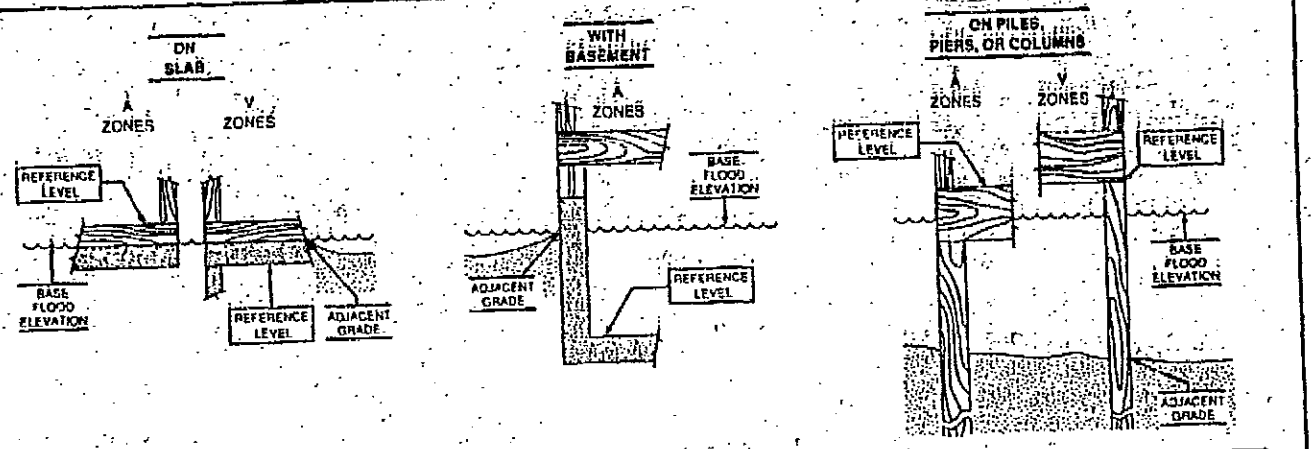
I certify that the information in Sections B and C on this certificate represents my best efforts to interpret the data available. I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.

CERTIFIER'S NAME: JAN RICHARD PYLE
LICENSE NUMBER (or Affix Seal): P.L.S. 12111
TITLE: CHIEF SURVEYOR
COMPANY NAME: D.R.A. SURVEYING, INC.
ADDRESS: 2484 KIPLING STREET
CITY: LAKEWOOD
STATE: COLORADO
ZIP: 80215
SIGNATURE: Jan Richard Pyle
DATE: FEBRUARY 18, 1999
PHONE: (303)233-0722

JAN RICHARD PYLE REGISTERED 12111 STATE OF COLORADO SURVEYOR

Copies should be made of this Certificate for: 1) community official, 2) insurance agent/company, and 3) building owner.

COMMENTS: THE REFERENCE BENCH MARK USED (URBAN DRAINAGE & FLOOD CONTROL DISTRICT "LG-2") DOES NOT APPEAR ON THE FIRM BUT DOES APPEAR ON UD&FCD PLAN AND PROFILE SHEET 4 OF 18 FOR "UPPER LENA GULCH".



The diagrams above illustrate the points at which the elevations should be measured in A Zones and V Zones.
Elevations for all A Zones should be measured at the top of the reference level floor.
Elevations for all V Zones should be measured at the bottom of the lowest horizontal structural member.

New/Emergency Program Construction:

For the purposes of determining insurance rates, buildings for which the start of construction or substantial improvement commenced after September 30, 1982, are New/Emergency buildings.

Pre-FIRM Construction:

For the purposes of determining insurance rates, buildings for which the start of construction or substantial improvement was on or before December 31, 1974 or the effective date of the Initial Flood Insurance Rate Map (date printed on community FIRM), whichever is later. Special Note: If an approved building permit is dated prior to December 31, 1974, construction must have commenced not later than 180 days after the date of the approved building permit. "Existing Construction" and "Pre-FIRM Construction" have identical meanings for the purposes of the National Flood Insurance Program.

Post-FIRM Construction:

For insurance rating purposes buildings for which the start of construction or substantial improvement commenced after December 31, 1974 or the effective date of the Initial Flood Insurance Rate Map (date printed on community FIRM), whichever is later. "New Construction" and "Post-FIRM Construction" have identical meanings for the purposes of the National Flood Insurance Program.

Substantial Improvement:

Any repair, reconstruction, or improvement of a building, the cost of which equals or exceeds 50 percent of the market value of the building either (a) before the improvement or repair is started, or (b) if the building has been damaged, and is being restored the market value before the damage occurred. For Flood Insurance Program purposes substantial improvement is started when the first alteration of any wall, ceiling, floor, or other structural part of the building commences, whether or not that alteration affects the external dimensions of the structure. However, the term does not include either any project for health, sanitary, or safety code specifications which are solely necessary to assure safe living conditions, or any alteration of a building listed on the National Register of Historic Places or a State Inventory of Historic Places.

Lowest Floor – The lowest floor is the lowest floor (including basement) of the enclosed area. The following modifications of the lowest floor definition are permitted in order to meet community permit practices:

(1) In Zones A, AO, AH, A1-A30, B, C, D, and Emergency Program areas which are not oceanside building sites, the following exceptions apply:

(a) The floor of an unfinished enclosed area at ground level or above, which is a crawl space, or space within the foundation walls, usable as areas for building maintenance, access, parking vehicles, or storing of articles and maintenance equipment (not attached to the building) used in connection with the premises is not considered the building's lowest floor if the walls of the unfinished enclosed areas are constructed with openings (such as with parallel shear walls, open lattice walls, discontinuous foundation walls, and combinations thereof) to facilitate the unimpeded movement of flood waters of the walls are breakaway walls.

(b) The floor of an attached unfinished garage used for parking vehicles and storing articles and maintenance equipment used in connection with the premises and not attached to the building is not considered the building's lowest floor if the walls of the unfinished enclosed areas are constructed with openings (such as with parallel shear walls, open lattice walls, discontinuous foundation walls, or combinations thereof) to facilitate the unimpeded movement of flood waters of the walls are breakaway walls.

The unimpeded movement of flood waters is imperative to equalize the hydrostatic pressure inside and outside of the walls of the building and/or garage.

(2) In Zones V and V1-V30, and Emergency Program areas which are oceanside building lots, the following exceptions apply:

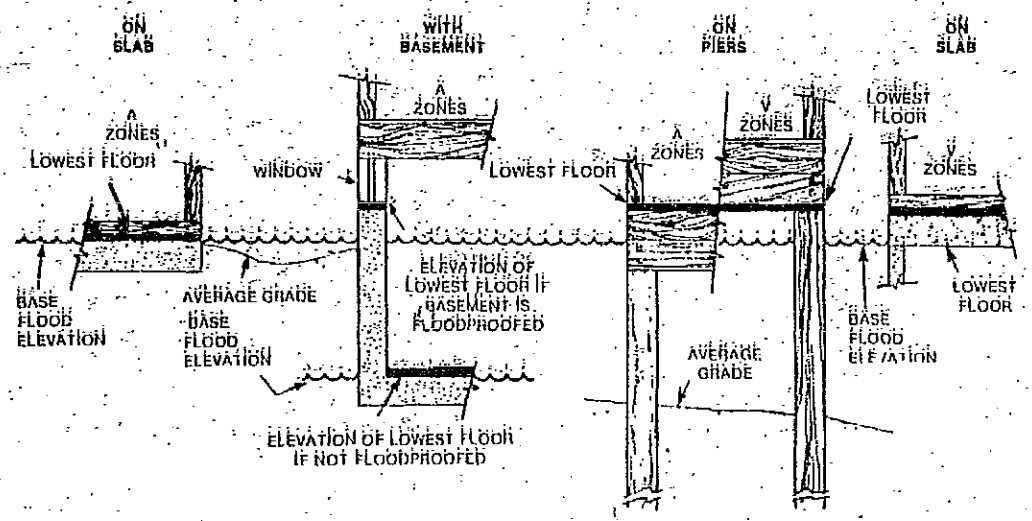
(a) For flood plain management purposes, the floor of an unfinished enclosed area is not considered the building's lowest floor if the area's walls are constructed as breakaway walls. However, for insurance rating purposes:

(i) The floor of an unfinished enclosed area less than 300 square feet is not considered the building's lowest floor if the walls are breakaway walls.

(ii) The floor of an unfinished enclosed area equal to or greater than 300 square feet is considered the building's lowest floor even if the walls are breakaway walls.

(b) The floor of an unfinished enclosed area with walls made of insect screening or open wood constructed breakaway lattice work (regardless of the size of the area enclosed) is not considered the building's lowest floor.

Lowest Floor Elevation – The lowest floor elevation is the elevation of the bottom of the floor beam of the lowest floor in Zones V, V1-V30. In all other zones, the lowest floor elevation is the elevation of the top of the lowest floor.



NOTE:

A Zones – A, AO, AH, A1-A30, A99, Emergency Program other than Oceanside Building Sites

V Zones – V, V1-V30, Emergency Program Oceanside Building Sites (beach areas subject to wave action during severe storms)

Base Flood Elevation – Flood plain management requirements including the Base Flood Elevation are shown on the FIRM for Zones A1, A1-A30, V1-V30. For FIRM Zone A, V, and Emergency Program Special Flood Hazard Areas the community permit official or the builder has estimated this elevation by the reasonable interpretation of available data. Either that estimated elevation in the space provided in Section I of the Elevation Certificate for Base Flood Elevation if this community permit official or the builder has not selected an estimated Base Flood Elevation, enter N/A.

U.S. DEPARTMENT OF HOMELAND SECURITY
FEDERAL EMERGENCY MANAGEMENT AGENCY
National Flood Insurance Program

ELEVATION CERTIFICATE

Important: Read the instructions on pages 1–9.

OMB No. 1660-0008
Expiration Date: July 31, 2015

SECTION A – PROPERTY INFORMATION

FOR INSURANCE COMPANY USE
Policy Number:
Company NAIC Number:

A1. Building Owner's Name BEVERLEY EATON

A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.
611 CRESSMAN COURT
City GOLDEN State CO ZIP Code 80403

A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)
LOT 81, MESA MEADOWS 88, PARCEL NO. 30-214-04-042

A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) RESIDENTIAL

A5. Latitude/Longitude: Lat. 39.7699 Long. 1056.2287 Horizontal Datum: ☐ NAD 1927 ☒ NAD 1983

A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.

A7. Building Diagram Number 2

A8. For a building with a crawlspace or enclosure(s):
a) Square footage of crawlspace or enclosure(s) 1088 sq ft
b) Number of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade 0
c) Total net area of flood openings in A8.b 0 sq in
d) Engineered flood openings? ☐ Yes ☒ No

A9. For a building with an attached garage:
a) Square footage of attached garage 567 sq ft
b) Number of permanent flood openings in the attached garage within 1.0 foot above adjacent grade 0
c) Total net area of flood openings in A9.b 0 sq in
d) Engineered flood openings? ☐ Yes ☒ No

SECTION B – FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP Community Name & Community Number	B2. County Name	B3. State
GOLDEN, CITY OF 080090	JEFFERSON	COLORADO

B4. Map/Panel Number	B5. Suffix	B6. FIRM Index Date	B7. FIRM Panel Effective/Revised Date	B8. Flood Zone(s)	B9. Base Flood Elevation(s) (Zone AO, use base flood depth)
08059C0188	E	6/17/2003	6/17/2003	AE	5837

B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9.
☒ FIS Profile ☒ FIRM ☐ Community Determined ☐ Other/Source: _____

B11. Indicate elevation datum used for BFE in Item B9: ☒ NGVD 1929 ☐ NAVD 1988 ☐ Other/Source: _____

B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? ☐ Yes ☐ No
Designation Date: _____ ☐ CBRS ☐ OPA

SECTION C – BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

C1. Building elevations are based on: ☐ Construction Drawings* ☐ Building Under Construction* ☒ Finished Construction
*A new Elevation Certificate will be required when construction of the building is complete.

C2. Elevations – Zones A1–A30, AE, AH, A (with BFE), VE, V1–V30, V (with BFE), AR, AR/A, AR/AE, AR/A1–A30, AR/AH, AR/AO. Complete Items C2.a–h below according to the building diagram specified in Item A7. In Puerto Rico only, enter meters.
Benchmark Utilized: CTMC/DSRC Vertical Datum: NGVD
Indicate elevation datum used for the elevations in items a) through h) below. ☒ NGVD 1929 ☐ NAVD 1988 ☐ Other/Source: _____
Datum used for building elevations must be the same as that used for the BFE.

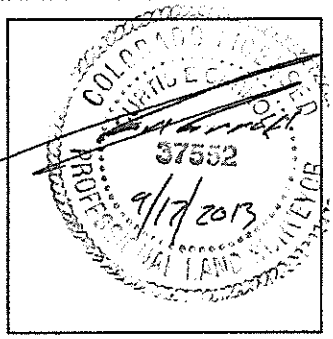
		Check the measurement used.	
a) Top of bottom floor (including basement, crawlspace, or enclosure floor)	5841.0	☒ feet	☐ meters
b) Top of the next higher floor	5849.9	☒ feet	☐ meters
c) Bottom of the lowest horizontal structural member (V Zones only)	_____	☐ feet	☐ meters
d) Attached garage (top of slab)	5847.8	☐ feet	☐ meters
e) Lowest elevation of machinery or equipment servicing the building (Describe type of equipment and location in Comments)	5841.0	☒ feet	☐ meters
f) Lowest adjacent (finished) grade next to building (LAG)	5841.0	☒ feet	☐ meters
g) Highest adjacent (finished) grade next to building (HAG)	5847.8	☒ feet	☐ meters
h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support	5841.0	☒ feet	☐ meters

SECTION D – SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION

This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information. *I certify that the information on this Certificate represents my best efforts to interpret the data available. I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.*

☐ Check here if comments are provided on back of form.
☐ Check here if attachments.

Were latitude and longitude in Section A provided by a licensed land surveyor? ☒ Yes ☐ No



Certifier's Name CURTIS E. CARROLL License Number 37552
Title LAND SURVEYOR Company Name BEAR CREEK LAND SURVEYING
Address 8801 WEST JEWELL PLACE City LAKEWOOD State CO ZIP Code 80227
Signature Date 9/17/2013 Telephone 303-989-9824

IMPORTANT: In these spaces, copy the corresponding information from Section A.	FOR INSURANCE COMPANY USE
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 611 CRESSMAN COURT	Policy Number:
City GOLDEN State CO ZIP Code 80403	Company NAIC Number:

SECTION D – SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION (CONTINUED)

Copy both sides of this Elevation Certificate for (1) community official, (2) insurance agent/company, and (3) building owner.

Comments

Signature 9/17/2013 Date

SECTION E – BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BFE)

For Zones AO and A (without BFE), complete Items E1–E5. If the Certificate is intended to support a LOMA or LOMR-F request, complete Sections A, B, and C. For Items E1–E4, use natural grade, if available. Check the measurement used. In Puerto Rico only, enter meters.

E1. Provide elevation information for the following and check the appropriate boxes to show whether the elevation is above or below the highest adjacent grade (HAG) and the lowest adjacent grade (LAG).
a) Top of bottom floor (including basement, crawlspace, or enclosure) is _____.____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.
b) Top of bottom floor (including basement, crawlspace, or enclosure) is _____.____ ☐ feet ☐ meters ☐ above or ☐ below the LAG.

E2. For Building Diagrams 6–9 with permanent flood openings provided in Section A Items 8 and/or 9 (see pages 8–9 of Instructions), the next higher floor (elevation C2.b in the diagrams) of the building is _____.____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.

E3. Attached garage (top of slab) is _____.____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.

E4. Top of platform of machinery and/or equipment servicing the building is _____.____ ☐ feet ☐ meters ☐ above or ☐ below the HAG.

E5. Zone AO only: If no flood depth number is available, is the top of the bottom floor elevated in accordance with the community's floodplain management ordinance? ☐ Yes ☐ No ☐ Unknown. The local official must certify this information in Section G.

SECTION F – PROPERTY OWNER (OR OWNER'S REPRESENTATIVE) CERTIFICATION

The property owner or owner's authorized representative who completes Sections A, B, and E for Zone A (without a FEMA-issued or community-issued BFE) or Zone AO must sign here. The statements in Sections A, B, and E are correct to the best of my knowledge.

Property Owner's or Owner's Authorized Representative's Name

Address City State ZIP Code

Signature Date Telephone

Comments

☐ Check here if attachments.

SECTION G – COMMUNITY INFORMATION (OPTIONAL)

The local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete Sections A, B, C (or E), and G of this Elevation Certificate. Complete the applicable item(s) and sign below. Check the measurement used in Items G8–G10. In Puerto Rico only, enter meters.

G1. ☐ The information in Section C was taken from other documentation that has been signed and sealed by a licensed surveyor, engineer, or architect who is authorized by law to certify elevation information. (Indicate the source and date of the elevation data in the Comments area below.)

G2. ☐ A community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued BFE) or Zone AO.

G3. ☐ The following information (Items G4–G10) is provided for community floodplain management purposes.

G4. Permit Number	G5. Date Permit Issued	G6. Date Certificate Of Compliance/Occupancy Issued

G7. This permit has been issued for: ☐ New Construction ☐ Substantial Improvement

G8. Elevation of as-built lowest floor (including basement) of the building: _____.____ ☐ feet ☐ meters Datum _____

G9. BFE or (in Zone AO) depth of flooding at the building site: _____.____ ☐ feet ☐ meters Datum _____

G10. Community's design flood elevation: _____.____ ☐ feet ☐ meters Datum _____

Local Official's Name Title

Community Name Telephone

Signature Date

Comments

☐ Check here if attachments.

Building Photographs

See Instructions for Item A6.

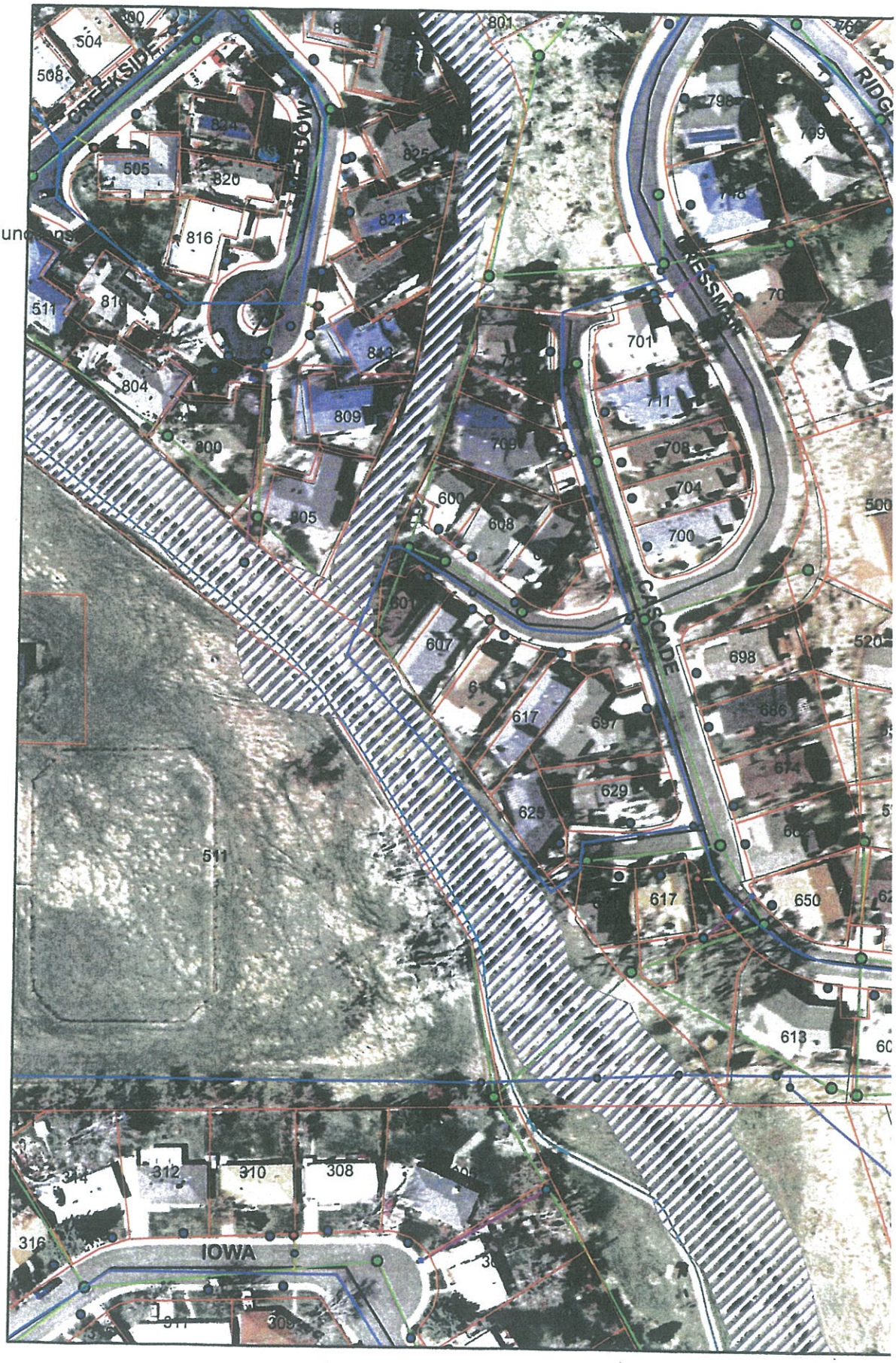
IMPORTANT: In these spaces, copy the corresponding information from Section A.	FOR INSURANCE COMPANY USE
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 611 CRESSMAN COURT	Policy Number:
City GOLDEN State CO ZIP Code 80403	Company NAIC Number:

If using the Elevation Certificate to obtain NFIP flood insurance, affix at least 2 building photographs below according to the instructions for Item A6. Identify all photographs with date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View." When applicable, photographs must show the foundation with representative examples of the flood openings or vents, as indicated in Section A8. If submitting more photographs than will fit on this page, use the Continuation Page.

FRONT 9/17/2013 @ 10:00

REAR 9/17/2013 @ 10:00

Utility



Legend

- SDE.GIS.Trails
- sde.GIS.Meters
- sde.GIS.Sanitary_Net_Junctions
- Fire Hydrants
- Water Valves
- Storm Outlets
- Storm Manholes
- Storm Inlets

Water Mains

- <all other values>

Water Type

- Non-Potable
- Potable

Lateral Lines

- <all other values>

Subtype

- Commercial
- Domestic
- Fire
- Hydrant Lateral
- Industrial
- Irrigation
- sde.GIS.JeffcoParcels
- sde.GIS.Year100
- City Lots
- Detention Ponds
- Sewer Manholes
- Storm Pipes
- Sewer Mains

:ICN

:rly twenty (20) feet of Lot 3, Block 3 and the twenty-nine (29) feet of Lot 4, Block 3 of the MEADOWS as filed in Book 84, Page 59 of the : Clerk and Recorder of Jefferson County, Colorado

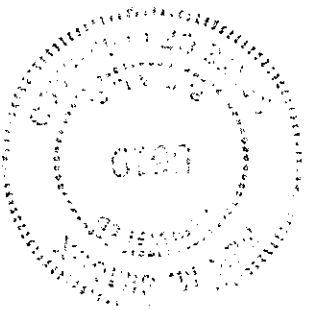
Lot 81 of MESA MEADOWS '88, a replat of the)VE AT MESA MEDOWS.
2, 1988 as Reception # 88114131 in
Pages 30 & 31 in the records of the Clerk)f Jefferson County, Colorado in Golden, Colorado

Cressman Court, Golden, Colorado 80403

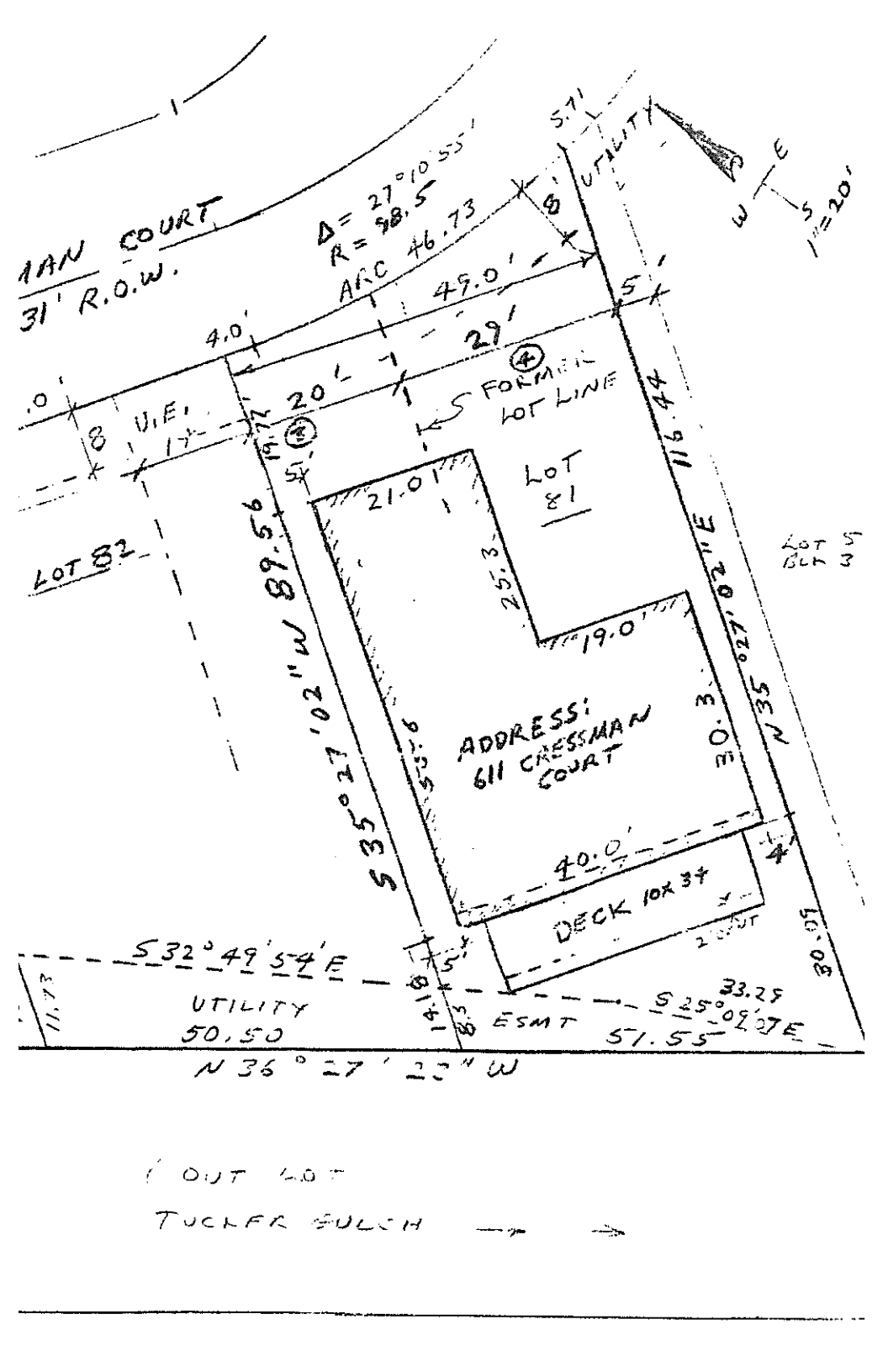
:cation Certificate

ox, a Registered Land Surveyor in the State of ereby certify that the improvements on the above are entirely within the boundaries of said lot. ncroachments upon this lot by the improvements ng lot. There are no easements crossing or bur- t except as shown hereon. This lot is not in and is not subject to local inundation.

Ben M Simcox 15 Nov 1988
Ben M. Simcox
P.E. & L.S. 5619



BEN M. SIMCOX
CIVIL ENGINEER & LAND SURVEYOR
GOLDEN, COLORADO (303) 279 6459


IAN COURT
31' R.O.W.
Δ = 27°10'55"
R = 98.5
ARC 46.73
49.0'
29'
4.0'
20'
8' U.E.
17'
FORMER LOT LINE
LOT 82
LOT 81
ADDRESS:
611 CRESSMAN COURT
21.0'
25.3'
19.0'
30.3'
40.0'
DECK 10X34
S 35° 27' 02" W 89.56'
N 35° 27' 02" E 116.44'
S 32° 49' 54" E
UTILITY
50.50
8' ESMT
S 25° 09' 27" E
57.55'
33.25'
30.05'
11.73'
N 36° 27' 25" W
5' UTILITY
W E S
1"=20'
1' OUT LOT
TUCKER GULCH

COLORADO ENGINEERING & SURVEYING INC.

NO. 92-6139

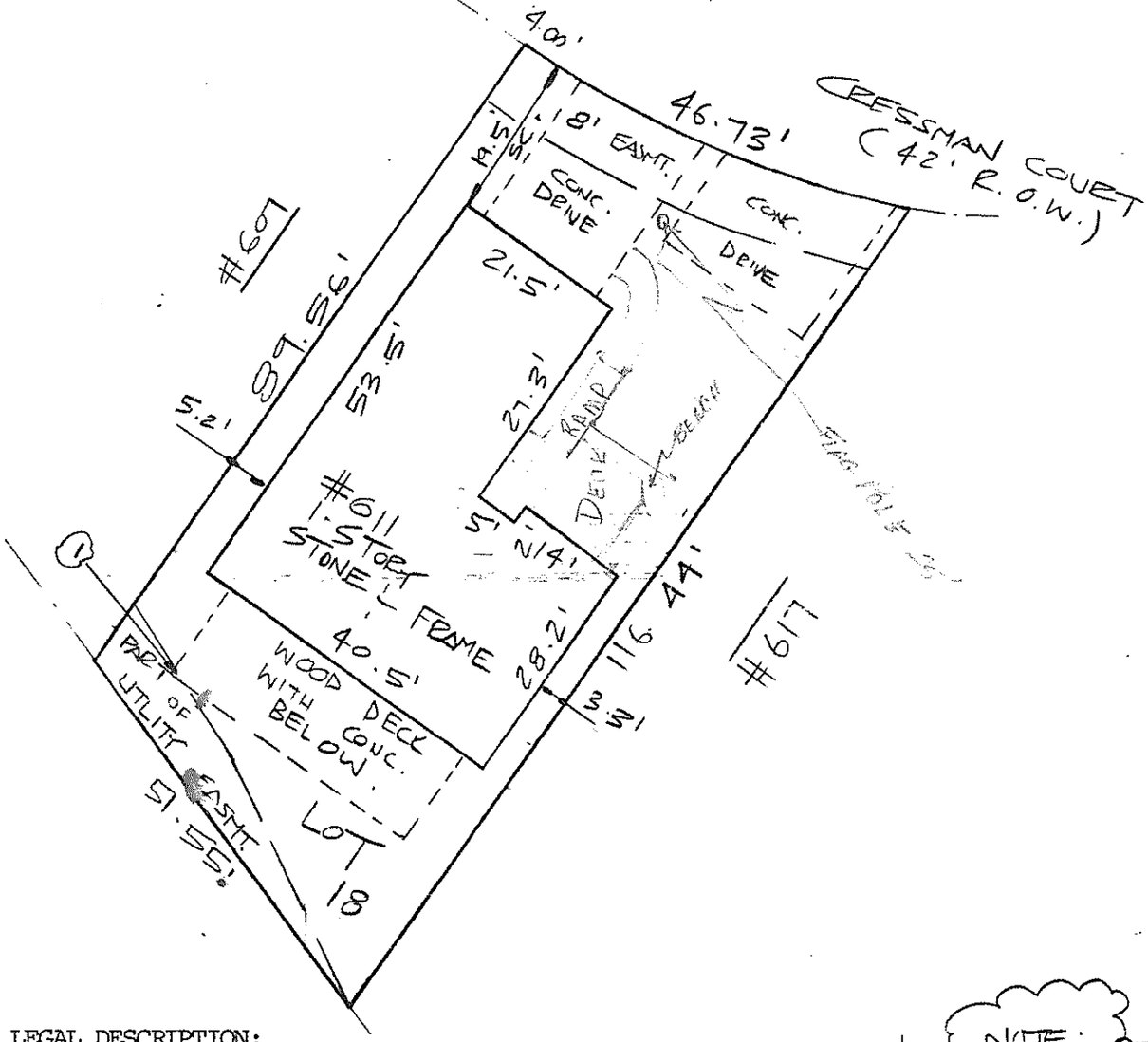
(EATON)

3470 So. Sherman St., Suite 2 • Englewood, Colorado 80110 • 761-8055

Surveying Colorado Since 1972 • FAX: 761-0841

SCALE 1" = 20'

PART OF
MESA MEADOWS 88
COUNTY OF JEFFERSON



NOTE:
1 WOOD DECK & CONC. ARE INTO EASMT. ±

LEGAL DESCRIPTION:

Lot 81, MESA MEADOWS 88, County of Jefferson, State of Colorado

Also known as 611 Cressman Court

CENSUS TRACT 98.04

FLOOD CERTIFICATION

This community does participate in the National Flood Insurance Program *

This community does not participate in the National Flood Insurance Program ____

I hereby certify that the property described hereon IS NOT located within a flood hazard boundary, (zone C), according to the most current flood insurance rate map (firm), produced by the Federal Management Agency (FEMA).

Flood hazard maps dated 5.15.85 Community number 080090 Panel number 0003-A

IMPROVEMENT LOCATION CERTIFICATE

I hereby certify that this improvement location certificate was prepared for First Federal that it is not a land survey plat or improvement survey plat, and that it is not to be relied upon for the establishment of fence, building, or other future improvement lines.

I further certify that the improvements on the above described parcel on this date 5.1.92 except utility connections, are entirely within the boundaries of the parcel, except as shown, that there are no encroachments upon the described premises by improvements on any adjoining premises, except as indicated, and that there is no apparent evidence or sign of any easement crossing or burdening any part of said parcel, except as noted.

By Ronald W. Eaton

Date 5-11-92

ABSENCE OF SIGNATURE AND/OR RED STAMPED SEAL INDICATES A NONCERTIFIED CERTIFICATE.

CERTIFICATE NUMBER 93-17924
BORROWERS NAME EATON

COLORADO ENGINEERING AND SURVEYING INC.
3470 SO. SHERMAN ST NO. 2
ENGLEWOOD COLORADO, 80110
303-761-8055

****

FLOOD CERTIFICATE

****

I HEREBY CERTIFY THAT THE PROPERTY LOCATED AT

PROPERTY DESCRIPTION:

#611 CRESSMAN CT.
LJ81
MESA MEADOWS 88

IS NOT LOCATED WITHIN A SPECIAL FLOOD HAZARD AREA, ACCORDING TO THE MOST CURRENT FLOOD INSURANCE RATE MAP (FIRM), PRODUCED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA)

FLOOD ZONE DESIGNATION ZONE C
FLOOD MAPS DATED 5-15-85
COMMUNITY NUMBER 080090
PANEL NUMBER 0003-A

I ALSO CERTIFY THAT THE ABOVE DESCRIBED PROPERTY TO HAVE A

CENSUS TRACT NUMBER OF 98.04

SIGNED

REGISTERED PROFESSIONAL LAND SURVEYOR

(SEAL)

COLORADO REGISTERED
RICHARD W. FLANAGAN
12858
PROFESSIONAL LAND SURVEYOR

WITNESS MY HAND AND SEAL THIS DATE 12-20-93