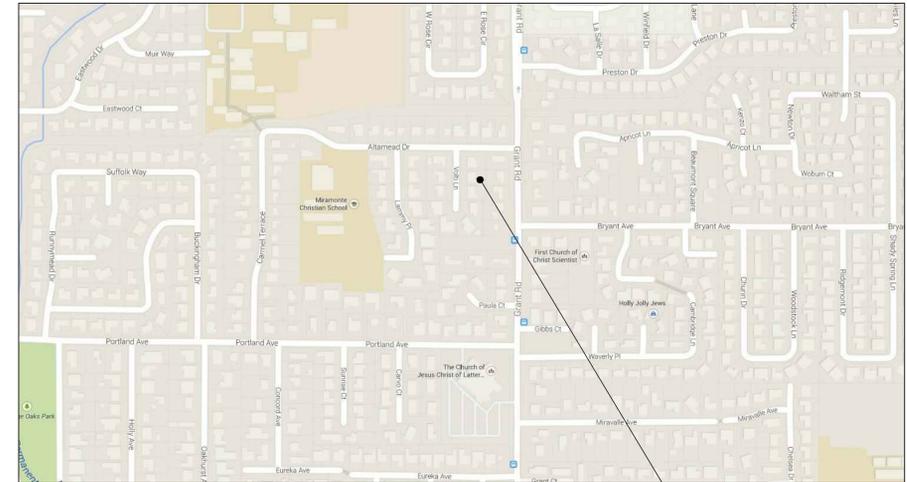


CONCEPTUAL GRADING AND DRAINAGE PLANS

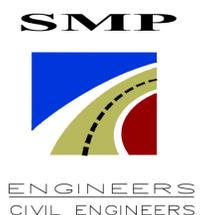
NEW, SINGLE FAMILY RESIDENTIAL 1151 VOLTI LN., LOS ALTOS, CA APN: 193-32-012

ABBREVIATIONS			
DESCRIPTION		DESCRIPTION	
AB	AGGREGATE BASE (CLASS AS NOTED)	JP	JOINT POLE
AC	ASPHALT CONCRETE	MON.	MONUMENT
AD	AREA DRAIN	OG	ORIGINAL GROUND
BC	BEGIN OF CURVE	PB	PULL BOX
BO	BLOW OFF	PG&V	PG&E VAULT
BW	BACK OF WALK	PL	PROPERTY LINE
BWAL	BLACK WALNUT TREE	PP	POWER POLE
CF	GARAGE FINISH FLOOR (BACK)	PPP	PLASTIC PERFORATED PIPE
CL	CENTERLINE	PSE	PUBLIC SERVICE EASEMENT
CLSW	CENTERLINE SWALE	PVC	POLYVINYL CHLORIDE
CO	CLEANOUT	R/W	RIGHT OF WAY
CONC	CONCRETE	RCP	REINFORCED CONCRETE PIPE
CP	CONTROL POINT	SD	STORM DRAIN
DDW	DIRT DRIVEWAY	SDMH	STORM DRAIN MANHOLE
DI	DROP INLET	SS	SANITARY SEWER LINE
DETAIL	DAYLIGHT	SSMH	SANITARY SEWER MANHOLE
ELCT	ELECTROLIER	SW	SIDEWALK
EP	EDGE OF PAVEMENT ELEVATION	TC	TOP OF CURB
EUC	EUCALYPTUS TREE	TOB	TOP OF BANK
EX	EXISTING	TOE	TOE OF SLOPE
FF	FINISHED FLOOR	TF	TOP OF FOUNDATION
FG	FINISH GRADE	TP	TOP OF PIPE
FH	FIRE HYDRANT	UC	UNDERGROUND GAS
FL	FLOW LINE	USS	UNDERGROUND SANITARY SEWER
FNC	FENCE	UST	UNDERGROUND STORM DRAIN
FOG	FOG LINE	UT	UNDERGROUND TELEPHONE
GB	GRADE BREAK	UW	UNDERGROUND WATER
GFF	GARAGE FINISHED FLOOR (FRONT)	VCP	VITRIFIED CLAY PIPE
GUY	GUY WIRE	WL	WHITE LINE STRIPE
HP	HIGH POINT	WM	WATER METER
IP	IRON PIPE	WV	WATER VALVE
LIP	LIP OF GUTTER	WLK	WALK WAY
C&G	CURB AND GUTTER	YL	YELLOW LINE STRIPE



LOCATION MAP
N.T.S.

PROJECT SITE



1534 CAROB LANE
LOS ALTOS, CA 94024
TEL: (650) 941-8055
FAX: (650) 941-8755
E-MAIL: SMPENGINEERS@YAHOO.COM

OWNER:

COPYRIGHT © 2013
SMP ENGINEERS
CIVIL ENGINEERS

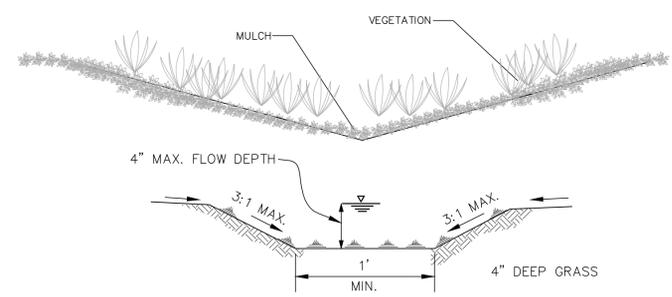
GRADING AND DRAINAGE PLANS
NEW SINGLE FAMILY RESIDENTIAL
1075 GOLDEN WAY, LOS ALTOS, CA
APN: 189-10-035
COVER SHEET

Revisions:

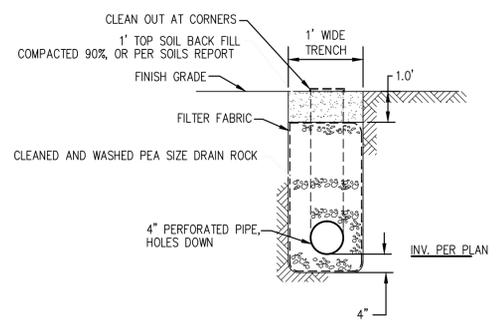
Date: 02/17/2015
Scale: NTS
Prepared by: S.P.
Checked by: S.R.
Job #: 214147
Sheet: 1 OF 2
C-1

LEGEND

EXISTING	PROPOSED	DESCRIPTION
---	---	PROPERTY LINE
F	F	FILL AREA LIMIT
C	C	CUT AREA LIMIT
102	102	CONTOUR
W	W	WATER LINE
SD	SD	STORM DRAIN PIPE (SOLID)
SS	SS	SANITARY SEWER PIPE
SUB	SUB	SUBDRAIN PIPE (PERFORATED)
OH e,T,TV	OH e,T,TV	OVERHEAD UTILITIES WITH POLE
G	G	GAS LINE
E	E	ELECTRIC LINE (UNDERGROUND)
JT	JT	JOINT TRENCH
SLV	SLV	STREET LIGHT VAULT
SSCO	SSCO	SANITARY SEWER CLEANOUT
○	●	SANITARY SEWER MANHOLE
⊙	⊙	STORM DRAIN MANHOLE
⊛	⊛	ELECTROLIER
WM	WM	WATER METER
○	○	TREE WITH TRUNK
x	x	6' WOODEN FENCE
102.23	102.23	SPOT ELEVATION
○	○	TREE PROTECTION FENCE
○	○	5' TALL CHAIN LINK
---	---	SWALE
→	→	DIRECTION OF FLOW IN PIPE
●	●	AREA DRAIN/ INLET
→	→	OVERLAND RELEASE PATH
→	→	GRADING DIRECTION
○	○	(E) TREE TO BE REMOVE
○	○	DOWN-SPOUT
○	○	POP-UP EMITTER



BIO SWALE DETAIL
N.T.S.



SUBDRAIN TRENCH DETAIL
N.T.S.

SHEET INDEX:

- C-1 COVER SHEET/ NOTES/ DETAILS
- C-2 GRADING AND DRAINAGE PLAN/ DETAILS

DRAINAGE NOTES

- Surface water shall be directed away from all buildings into drainage swales, gutters, storm drain inlets and drainage systems.
- All roof downspouts shall be disconnected to on site inlets.
- On site storm drain lines shall consist of PVC-SCH 40 minimum or better.
- Storm drain inlets shall be precast concrete, Christy U23 type or equivalent.

BASIS OF BEARINGS:

THE BEARING N 89°30'00" W OF CENTERLINE OF ALTAHEAD DR., AS SHOWN ON CERTAIN TRACT NO. 8492, RECORDED IN BOOK 637 OF MAPS AT PAGES 13 AND 14, WAS USED AS THE BASIS OF BEARINGS SHOWN HEREON.

REFERENCED ASSUMED BENCHMARK:

TOP OF SANITARY SEWER MANHOLE LOCATED AT THE INTERSECTION OF VOLTI LN. AND ALTAHEAD DR. EL: 100.00'

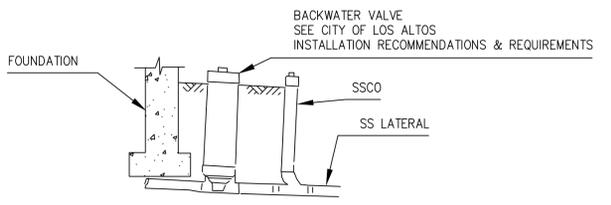
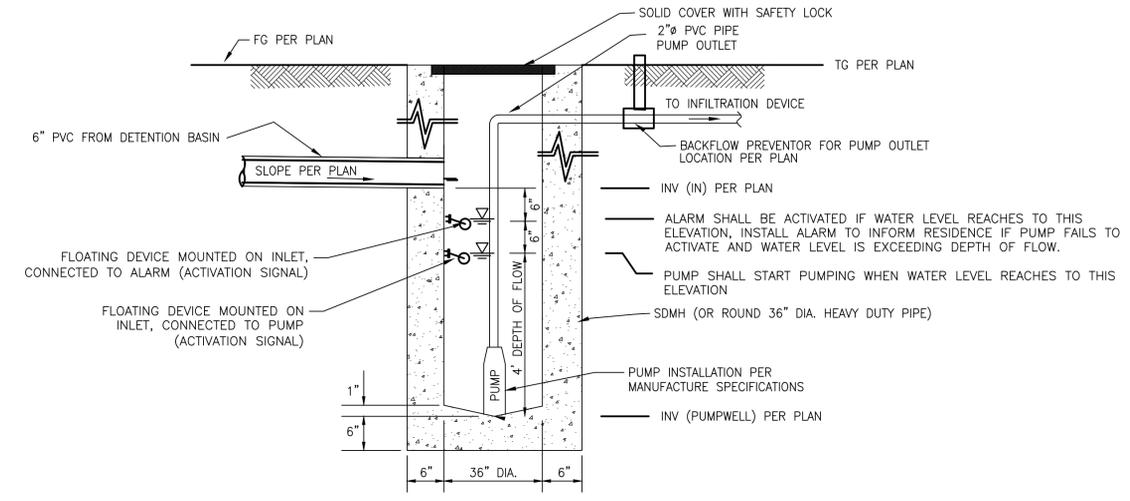
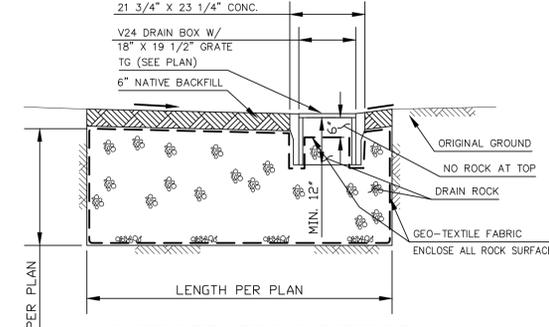
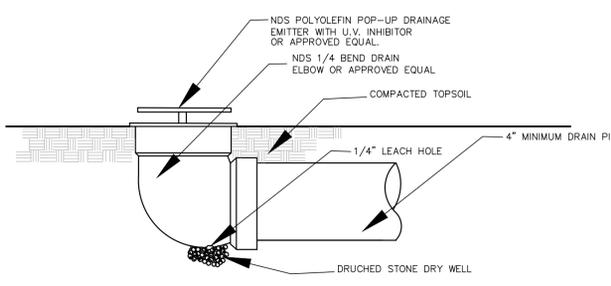
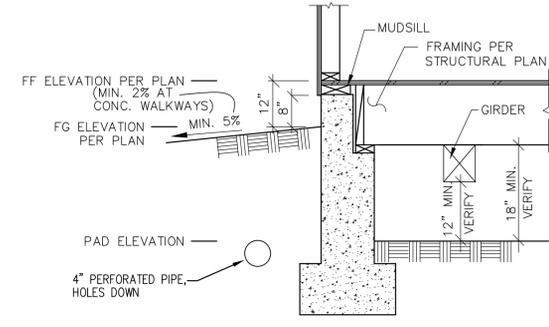
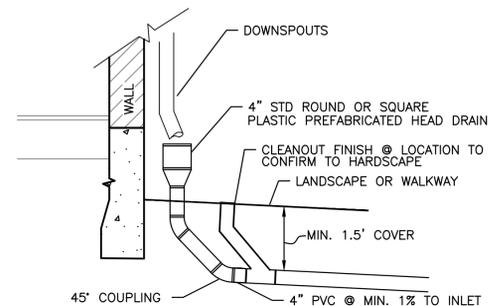
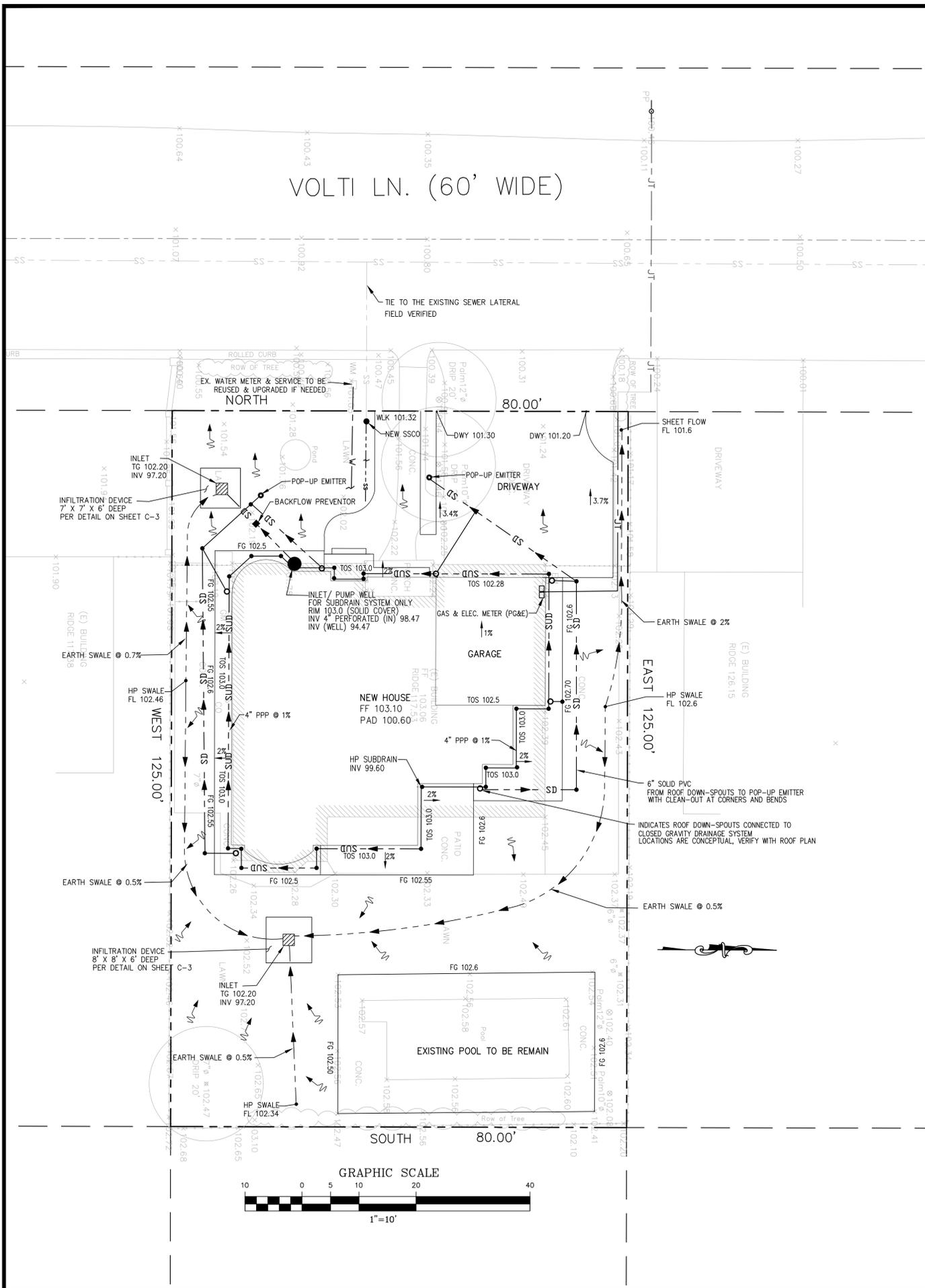
NOTE:

GRADING AND DRAINAGE PLANS SHALL BE REVIEWED AND APPROVED BY THE PROJECT GEOTECHNICAL ENGINEER.

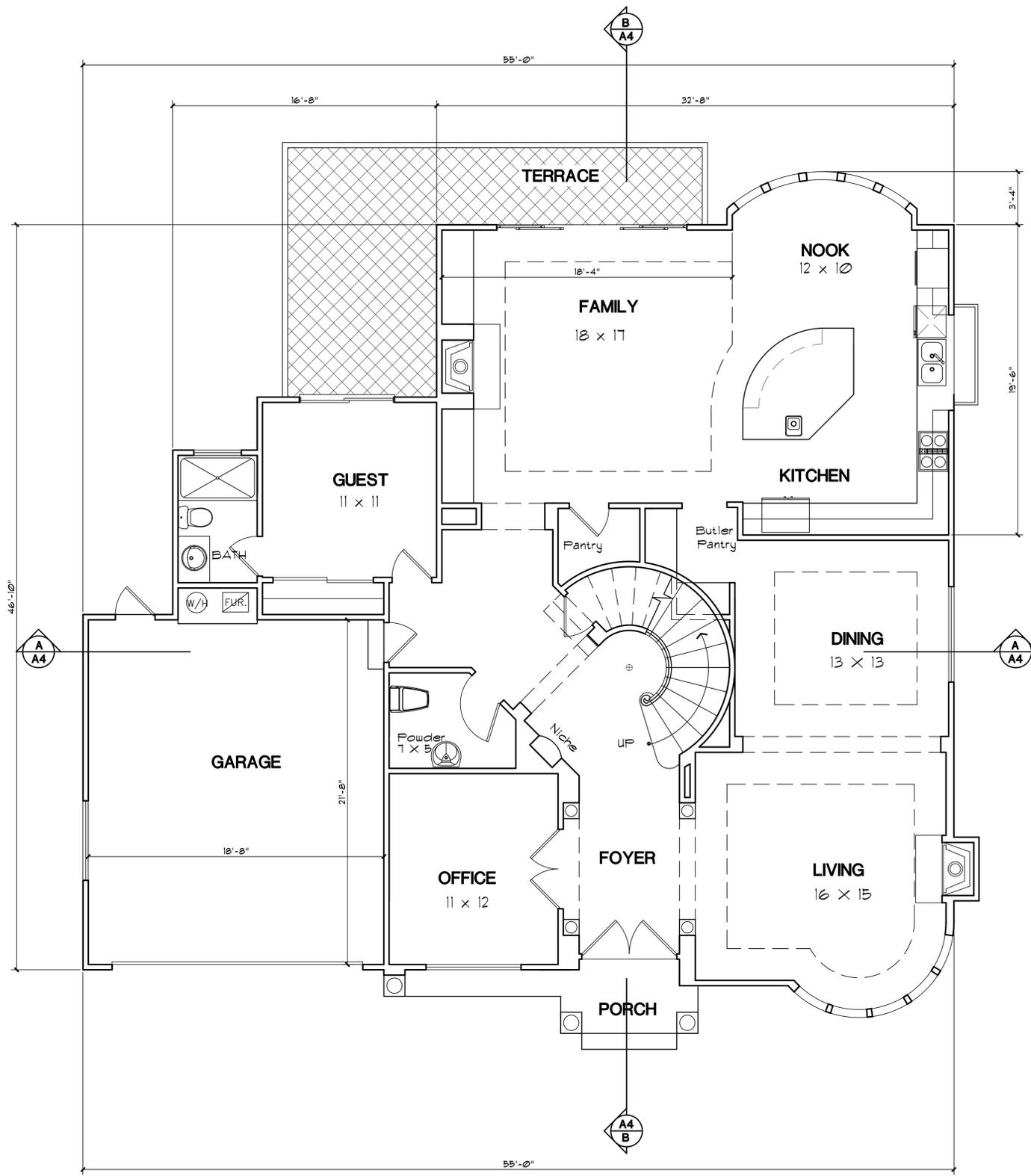
GEOTECHNICAL ENGINEER OF RECORD
 THIS PLAN HAS BEEN REVIEWED AND FOUND TO BE IN GENERAL CONFORMANCE WITH THE INTENT AND PURPOSE OF THE GEOTECHNICAL REPORT
 PREPARED BY _____ DATED _____
 BY C.E.G. # _____ BY G.E. # _____

NOTICE TO CONTRACTORS
 CONTRACTOR TO NOTIFY U.S.A. (UNDERGROUND SERVICE ALERT) AT 800-227-2600 A MINIMUM OF 2 WORKING DAYS BEFORE BEGINNING UNDERGROUND WORK FOR VERIFICATION OF THE LOCATION AND DEPTH OF UNDERGROUND UTILITIES.





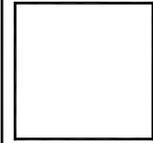
- PUMP NOTES:**
- HARD WIRE THE PUMPS TO PREVENT ANY UNPLUGGING.
 - PUMPS TO BE CONNECTED TO BACKUP GENERATORS TO PREVENT FLOODING IN CASE OF BLACKOUT.
 - PROVIDE BACK FLOW PREVENTOR VALVE FOR PUMP OUTLET.
 - PROVIDE RESERVE PUMP FOR EACH PUMP WELL.
 - PROVIDE FLOATING DEVICE, CONNECTED TO SOUND/ LIGHT ALARM, TO NOTIFY RESIDENTS OF POSSIBLE RISE OF WATER IN PUMPWELL.



REVISIONS	BY
PLANNING 2-25-15	



BASSAL
Architecture
 916.435.0605
 408.674.2077



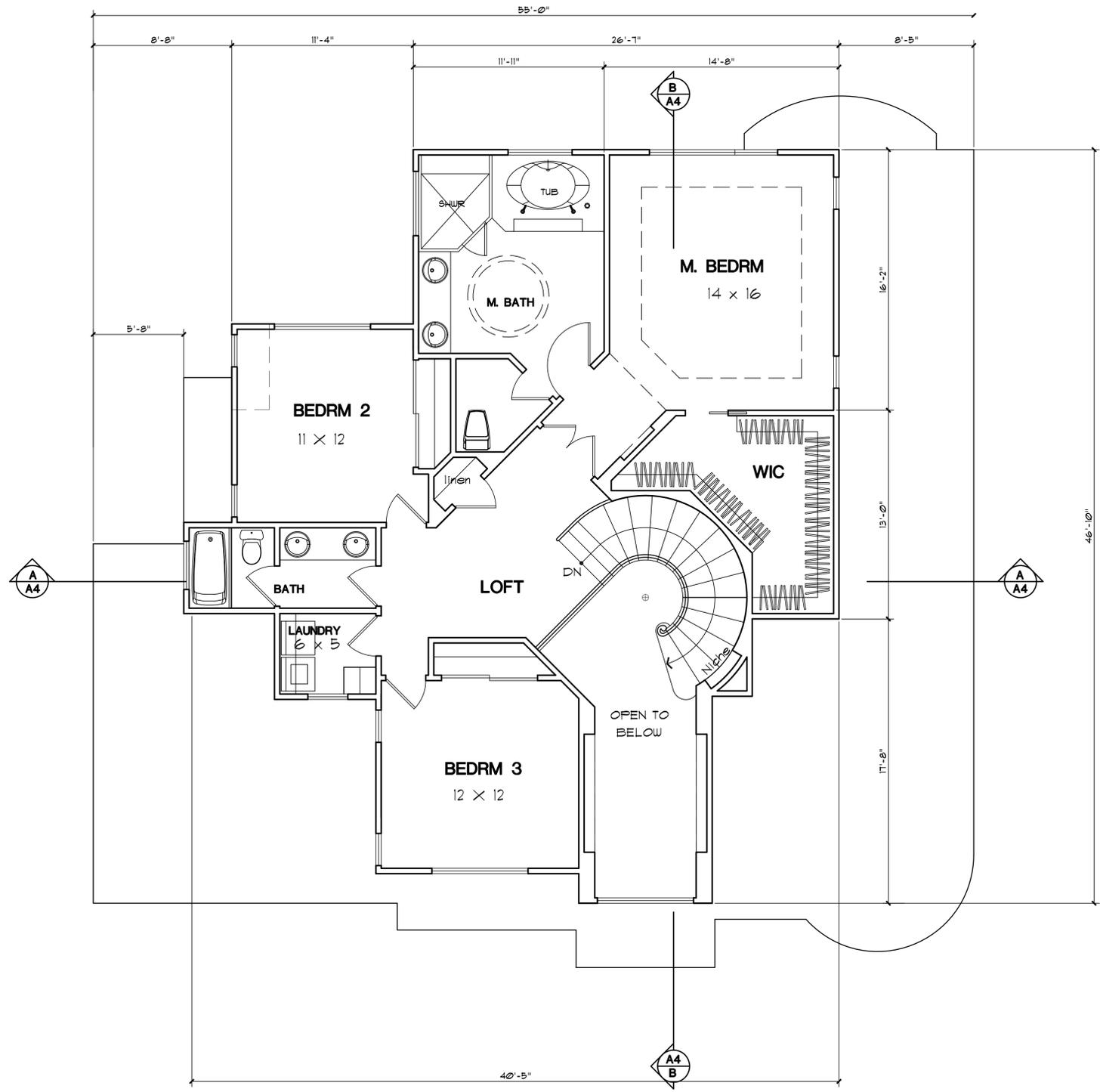
FIRST FLOOR PLAN

PROPOSED HOUSE AT:
1151 VOLTI
LOS ALTOS, CA

DATE:	12-31-14
SCALE:	1/4" = 1'-0"
DRAWN:	CB
JOB NO:	14-351

SHEET NO.
A2.1
 OF SHEETS

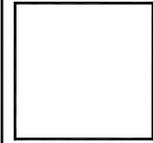
COPYRIGHT NOTICE - USE OF THESE DRAWINGS AND SPECIFICATIONS IS RESTRICTED TO THE ORIGINAL PROJECT SITE FOR WHICH THEY WERE INTENDED. REUSE OR REPRODUCTION BY ANY METHOD, IN WHOLE OR IN PART, IS PROHIBITED. TITLE TO DRAWINGS AND SPECIFICATIONS INCLUDING ALL DESIGNS, IDEAS AND INFORMATION REMAIN WITH "CASSIDY BASSAL". VISUAL CONTACT WITH THESE DRAWINGS AND SPECIFICATIONS CONSTITUTE PRIMA FACIE EVIDENCE OF THE ACCEPTANCE OF THESE RESTRICTIONS.



REVISIONS	BY
PLANNING 2-25-15	



BASSAL
Architecture
 916.435.0605
 408.674.2077



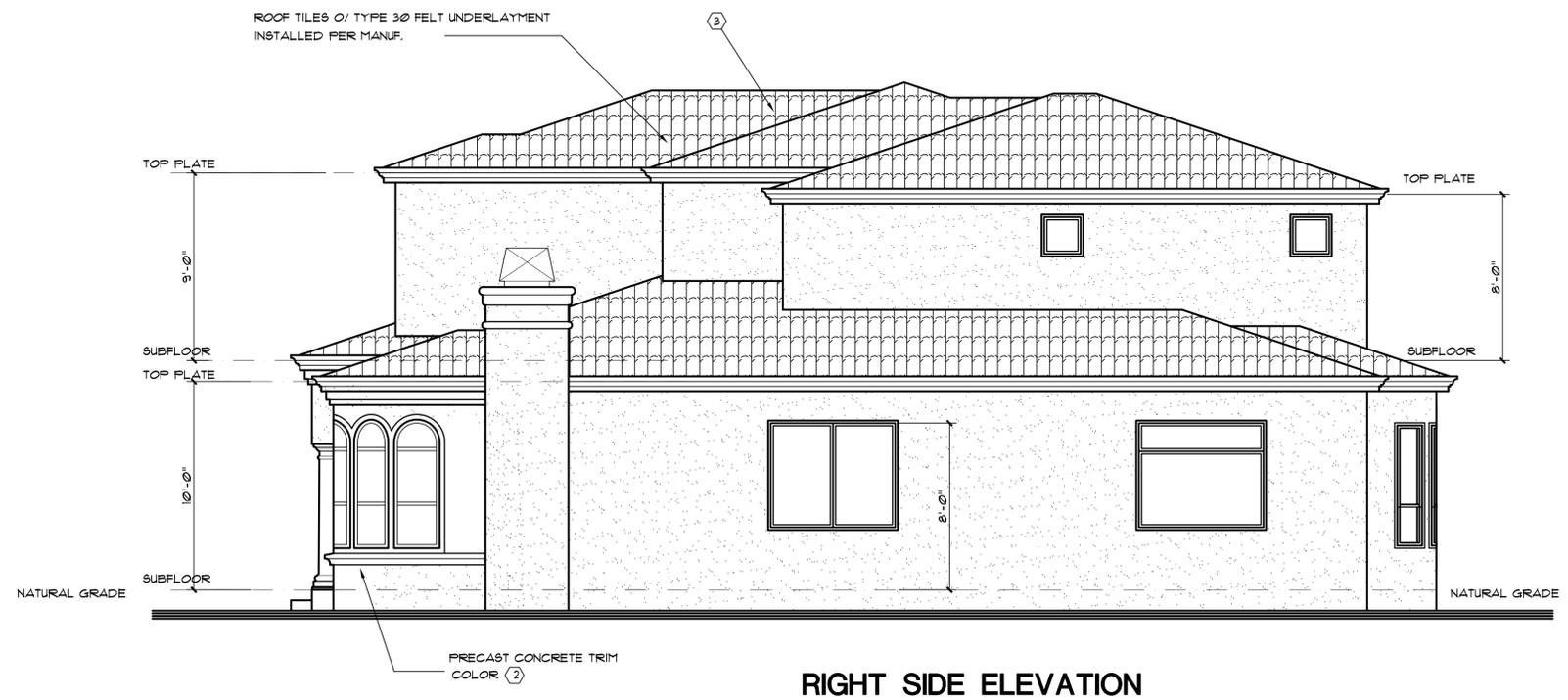
SECOND FLOOR PLAN

PROPOSED HOUSE AT:
1151 VOLTI
LOS ALTOS, CA

DATE:	12-31-14
SCALE:	1/4" = 1'-0"
DRAWN:	CB
JOB NO:	14-351

SHEET NO.
A2.2
 OF SHEETS

COPYRIGHT NOTICE - USE OF THESE DRAWINGS AND SPECIFICATIONS IS RESTRICTED TO THE ORIGINAL PROJECT SITE FOR WHICH THEY WERE INTENDED. REUSE OR REPRODUCTION BY ANY METHOD, IN WHOLE OR IN PART, IS PROHIBITED. TITLE TO DRAWINGS AND SPECIFICATIONS INCLUDING ALL DESIGNS, IDEAS AND INFORMATION REMAIN WITH "CHEBINE BASSAL". VISUAL CONTACT WITH THESE DRAWINGS AND SPECIFICATIONS CONSTITUTE PRIMA FACIE EVIDENCE OF THE ACCEPTANCE OF THESE RESTRICTIONS.



EXTERIOR FINISHES:

BUILDING COLORS BY: KELLY MOORE

① MAIN COLOR: NEW FAWN KM4614

② TRIM COLOR: SWEET DOUGH KM4683

STUCCO TEXTURE: ORANGE PEEL FINISH

ROOFING: "BORAL ROOFING - BARCELONA"

③ COLOR: MARBLED TERRA COTTA

ALL TRIMS AND COLUMNS TO BE:
PRECAST CONCRETE OR EQUAL



REVISIONS	BY
PLANNING 2-25-15	

CB

BASSAL
Architecture
916.435.0605
408.674.2077

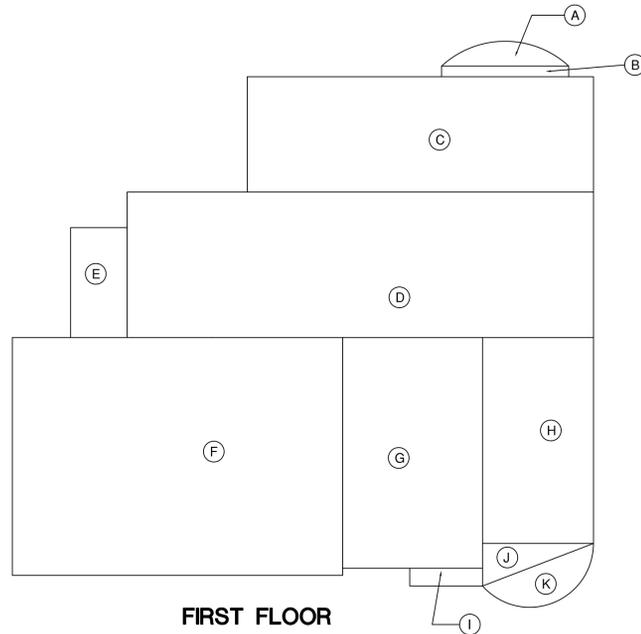
EXTERIOR ELEVATIONS

PROPOSED HOUSE AT:
1151 VOLTI
LOS ALTOS, CA

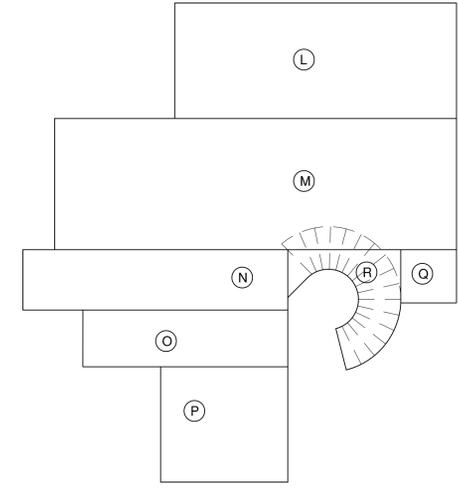
DATE: 12-31-14
SCALE: 1/4"=1'-0"
DRAWN: CB
JOB NO: 14-351

SHEET NO.
A3.2
OF SHEETS

COPYRIGHT NOTICE: USE OF THESE DRAWINGS AND SPECIFICATIONS IS RESTRICTED TO THE ORIGINAL PROJECT SITE FOR WHICH THEY WERE INTENDED. REUSE OR REPRODUCTION BY ANY METHOD, IN WHOLE OR IN PART, IS PROHIBITED. TITLE TO DRAWINGS AND SPECIFICATIONS INCLUDING ALL DESIGNS, IDEAS AND INFORMATION REMAIN WITH "CHEERLE BASSAL". VISUAL CONTACT WITH THESE DRAWINGS AND SPECIFICATIONS CONSTITUTES PRIMA FACIE EVIDENCE OF THE ACCEPTANCE OF THESE RESTRICTIONS.



FIRST FLOOR

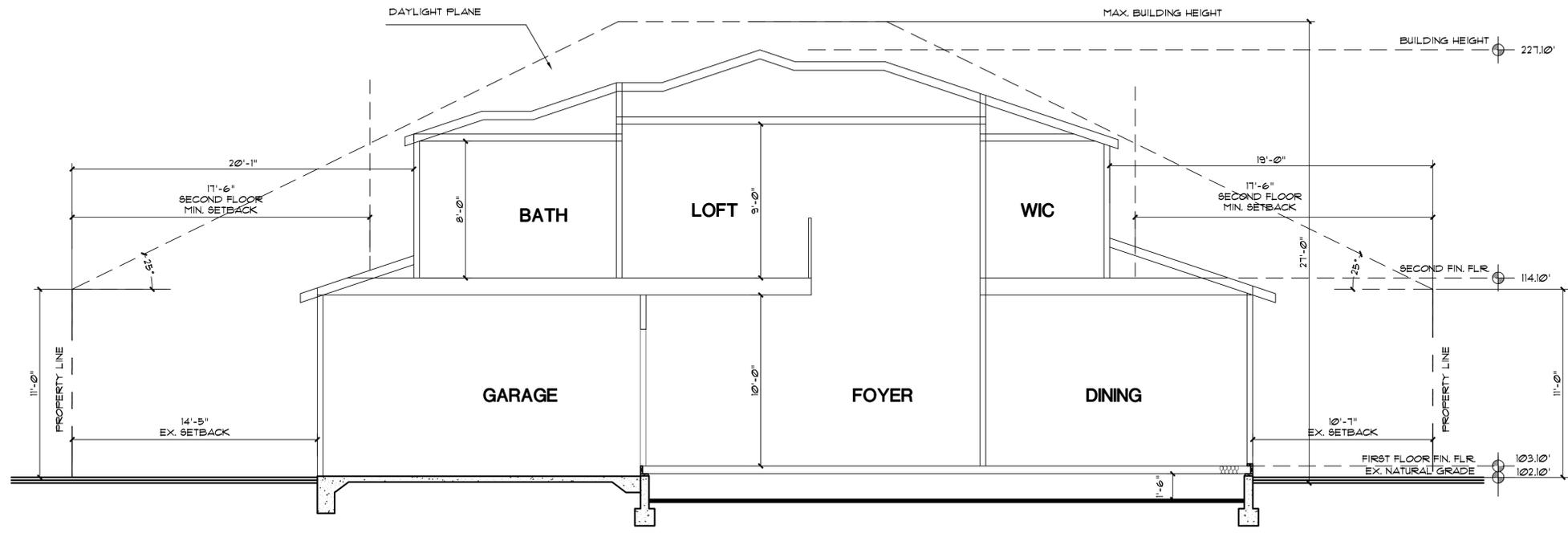


SECOND FLOOR

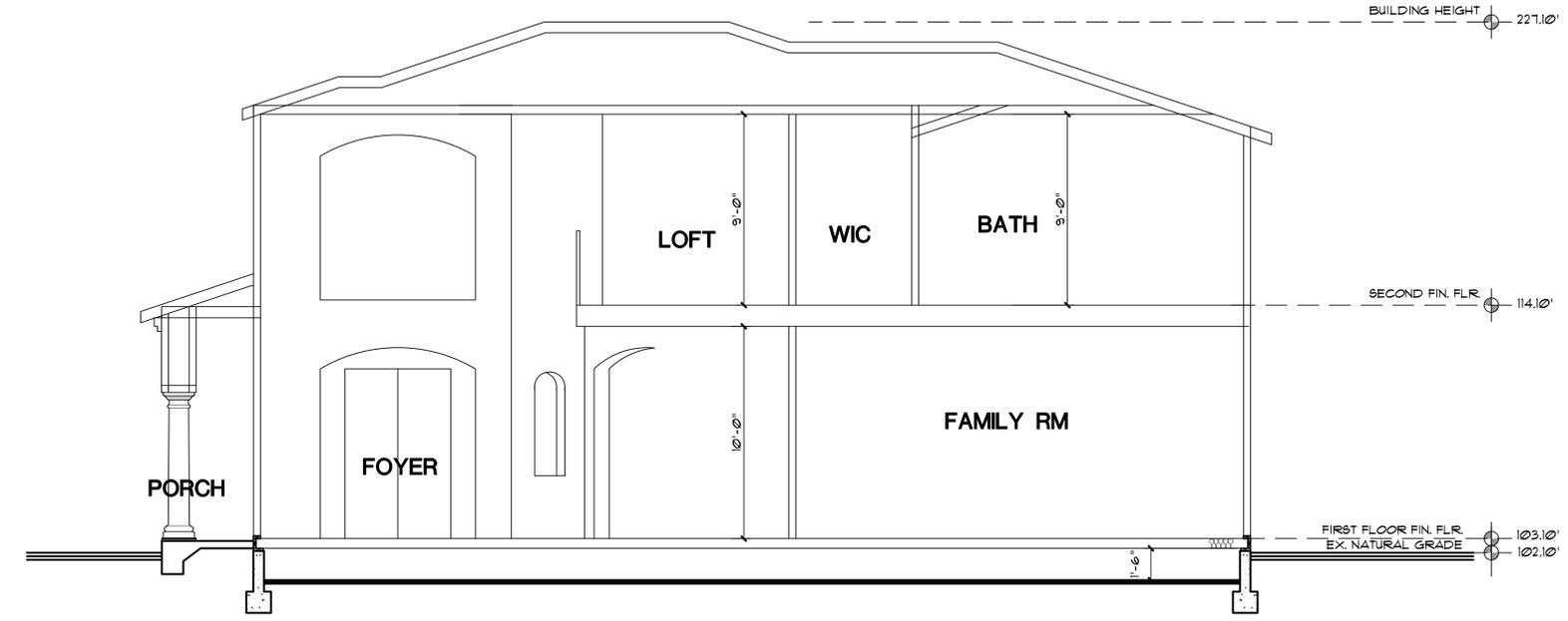
A	(25/360 x 3.14 x 19) - (6'-6" x 6')	19 SQ. FT.
B	12' x 1'	12 SQ. FT.
C	32'-8" x 10'-10"	354 SQ. FT.
D	44' x 13'-8"	601 SQ. FT.
E	5'-4" x 10'-4"	55 SQ. FT.
F	31' x 22'-4"	692 SQ. FT.
G	13' x 21'-8"	282 SQ. FT.
H	10'-6" x 19'	203 SQ. FT.
I	6'-10" x 1'-8"	11 SQ. FT.
J	(10'-6" x 4') / 2	21 SQ. FT.
K	(138/360 x 3.14 x 36) - (5'-11" x 2'-2")	31 SQ. FT.
L	26.5' x 10'-10"	288 SQ. FT.
M	38' x 12'-4"	467 SQ. FT.
N	25' x 5'-4"	133 SQ. FT.
O	19'-4" x 5'-8"	110 SQ. FT.
P	12' x 10'-10"	130 SQ. FT.
Q	5' x 5'	25 SQ. FT.
R	(STAIRS)	62 SQ. FT.

TOTAL FLOOR AREA = 3,486 SQ. FT.
 ALLOWED LOT COVERAGE 40% = 3,500 SF
 PROPOSED LOT COVERAGE 39.1% = 3,171 SF

FLOOR AREA CALCULATION DIAGRAM 1/8"=1'-0"



SECTION A - A 1/4"=1'-0"



SECTION B - B 1/4"=1'-0"

REVISIONS	BY
PLANNING 2-25-15	

CB
BASSAL
Architecture
 916.435.0605
 408.674.2077

CROSS SECTION
 FLOOR AREA CALCULATION

PROPOSED HOUSE AT:
 1151 VOLTI
 LOS ALTOS, CA

DATE: 12-31-14
 SCALE: NOTED
 DRAWN: CB
 JOB NO: 14-351

SHEET NO. **A4**
 OF SHEETS

COPYRIGHT NOTICE: USE OF THESE DRAWINGS AND SPECIFICATIONS IS RESTRICTED TO THE ORIGINAL PROJECT SITE FOR WHICH THEY WERE INTENDED. REUSE OR REPRODUCTION BY ANY METHOD, IN WHOLE OR IN PART, IS PROHIBITED. TITLE TO DRAWINGS AND SPECIFICATIONS INCLUDING ALL DESIGNS, IDEAS AND INFORMATION REMAIN WITH CHESTER BASSAL. VISUAL CONTACT WITH THESE DRAWINGS AND SPECIFICATIONS CONSTITUTES PRIMA FACIE EVIDENCE OF THE ACCEPTANCE OF THESE RESTRICTIONS.

