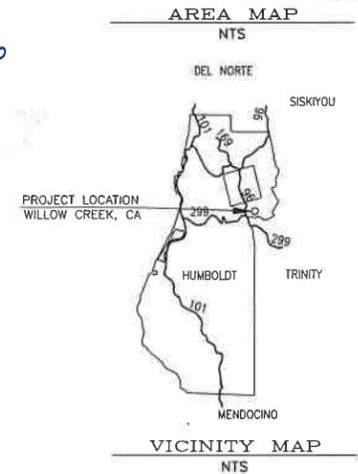


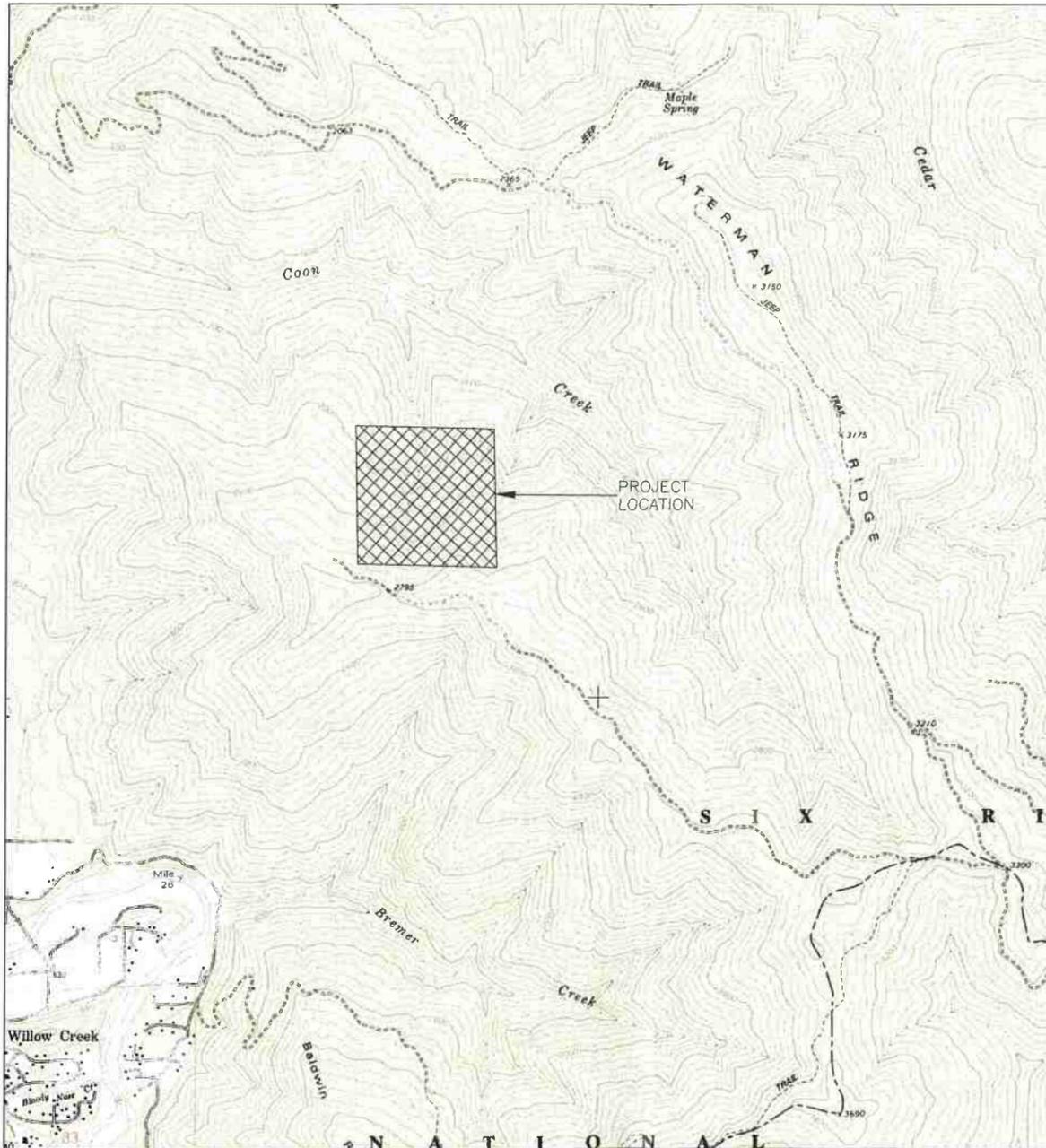
# TITLE SHEET

## APN; 523-026-003

FOR  
 DAHLIA RANCH  
 COON CREEK ROAD, WILLOW CREEK  
 P.O. BOX 1174  
 BLUE LAKE CA 96052



12-31-16

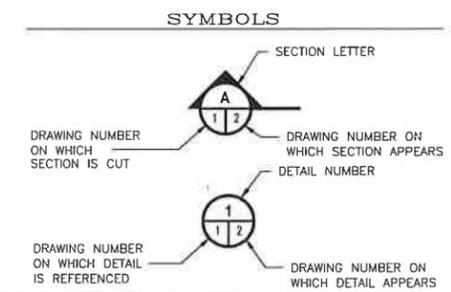


LOCATION MAP  
 NTS

**CONTRACTOR ALERT!**  
 CONTRACTOR MUST CONTACT USA DIG AT 800-227-2600 AT LEAST 72 HOURS BEFORE ANY EARTHWORK OR ACTIVITIES THAT MAY IMPACT EXISTING UNDERGROUND UTILITIES.  
 EXISTING UTILITY ALIGNMENTS BOTH HORIZONTALLY AND VERTICALLY MUST BE VERIFIED BY THE CONTRACTOR PRIOR TO ANY CONSTRUCTION ACTIVITIES.

PROPOSED	EXISTING

ABBREVIATIONS	
AC	= ASPHALTIC CONCRETE
AB	= AGGREGATE BASE
A.D.	= ALGEBRAIC DIFFERENCE
BC, PC	= BEGIN CURVE
CO	= CLEAN OUT
CL	= CENTER LINE
CMP	= CORRUGATED METAL PIPE
CPCT.	= COMPACT
D	= DELTA
DET	= DETAIL
DRN	= DRAIN
<E>	= EXISTING
EC	= END CURVE
EG	= EXISTING GROUND
EP	= EDGE OF PAVEMENT
FF	= FINISH FLOOR
FG	= FINISH GRADE
FH	= FIRE HYDRANT
FL	= FLOW LINE
GA	= GUY ANCHOR
GV	= GATE VALVE
HC	= HANDICAPPED
HDPE	= HIGH DENSITY POLYETHYLENE PIPE
INV	= INVERT
(INT-X)	= INTERSECTION
K	= SIGHT DISTANCE
LAT	= LATERAL
LD	= LOCAL DEPRESSION
LF	= LINEAR FEET
LF	= SEWER LEACH FIELD
LT	= LEFT
MAS.	= MASONRY
MI	= MILES
MSE	= MECHANICALLY STABILIZED EARTH
(N)	= NEW
NTS	= NOT TO SCALE
O.C.	= ON CENTER
PG&E	= PACIFIC GAS & ELECTRIC
(P)	= PROPOSED
PP	= POWER POLE
PRC	= POINT OF REVERSE CURVE
PT	= POINT
PVI	= POINT OF VERTICAL INTERSECTION
PVT	= PRIVATE
RT	= RIGHT
RTN	= RETURN
SB	= SET BACK
SDMH	= STORM DRAIN MAN HOLE
SHT	= SHEET
SD	= STORM DRAIN
STA	= STATION
STD.	= STANDARD
TC	= TOP OF CURB
TBC	= TOP BACK OF CURB
TCF	= TOP FACE OF CURB
TOB	= TOP OF BANK
TEL	= TELEPHONE
TP	= TOP OF PAVEMENT
TVCE	= TRINITY VALLEY CONSULTING ENGINEERS
TW	= TOP OF WALL
(TYP)	= TYPICAL
UG	= UNDERGROUND
W	= WATER
WV	= WATER VALVE



DRAWING #	TITLE	REVISION	DATE
T01	TITLE SHEET	0	010/07/16
C01.0	PLOT PLAN	0	010/07/16
C02.0	GRADING PLAN	0	010/07/16
C02.1	SECTIONS AND DETAILS	0	010/07/16
C02.2	SECTIONS AND DETAILS	0	09/20/16
C03.0	EXISTING-SITE #1	0	010/07/16
C03.1	SECTIONS-SITE #1	0	010/07/16
C03.2	EXISTING-SITE #2	0	010/07/16
C03.3	SECTIONS-SITE #2	0	010/07/16
C03.4	EXISTING-SITE #3	0	010/07/16
C03.5	SECTIONS-SITE #3	0	010/07/16
C03.6	EXISTING-SITE #4	0	010/07/16
C03.7	SECTIONS-SITE #4	0	010/07/16
C04.0	EROSION CONTROL DETAILS	0	010/07/16
C05.0	UTILITY PLAN	0	010/07/16
S01.0	AS BUILT #1 PLAN	0	010/07/16
S01.1	AS BUILT #1 ELEVATIONS	0	010/07/16
S02.0	AS BUILT #2 PLAN	0	010/07/16
S02.1	AS BUILT #2 ELEVATIONS	0	010/07/16



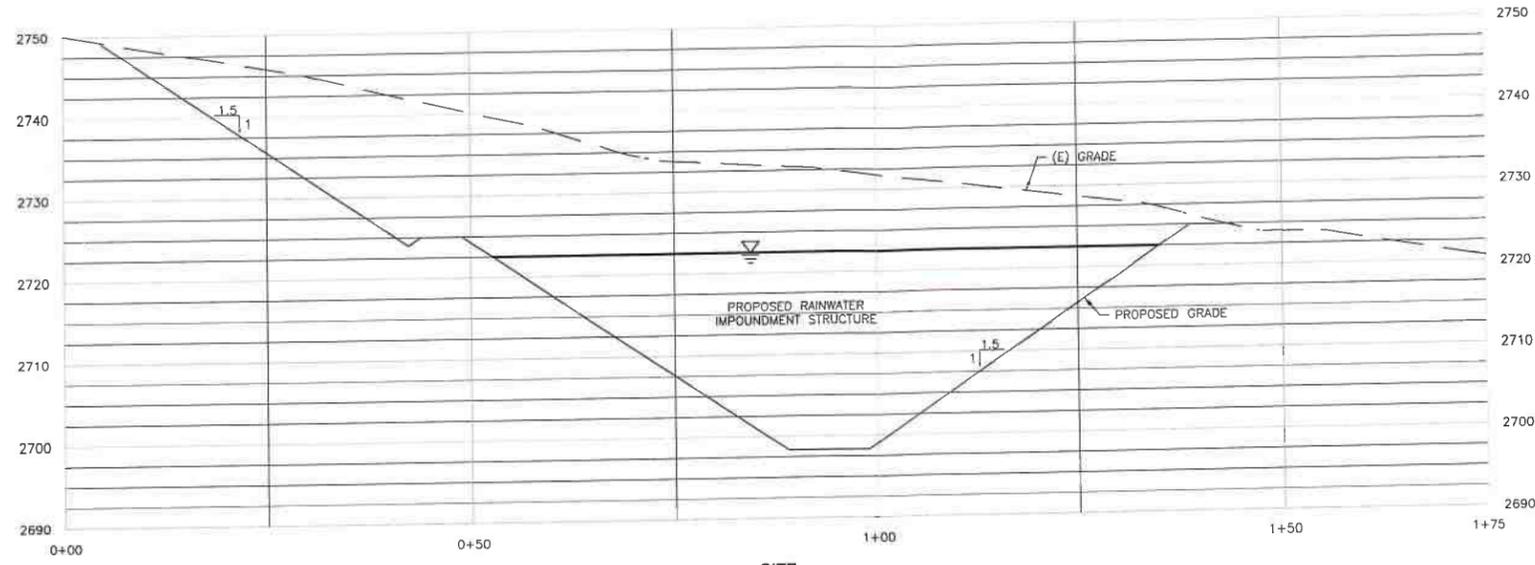
REV	DATE	DESCRIPTION
1	9/27/16	PRELIMINARY DESIGN

DAHLIA RANCH, LLC  
 APN: 523-026-003  
 COON CREEK ROAD, WILLOW CREEK  
 BLUE LAKE, CA 96052  
**TITLE SHEET**  
 HUMBOLDT COUNTY, CALIFORNIA

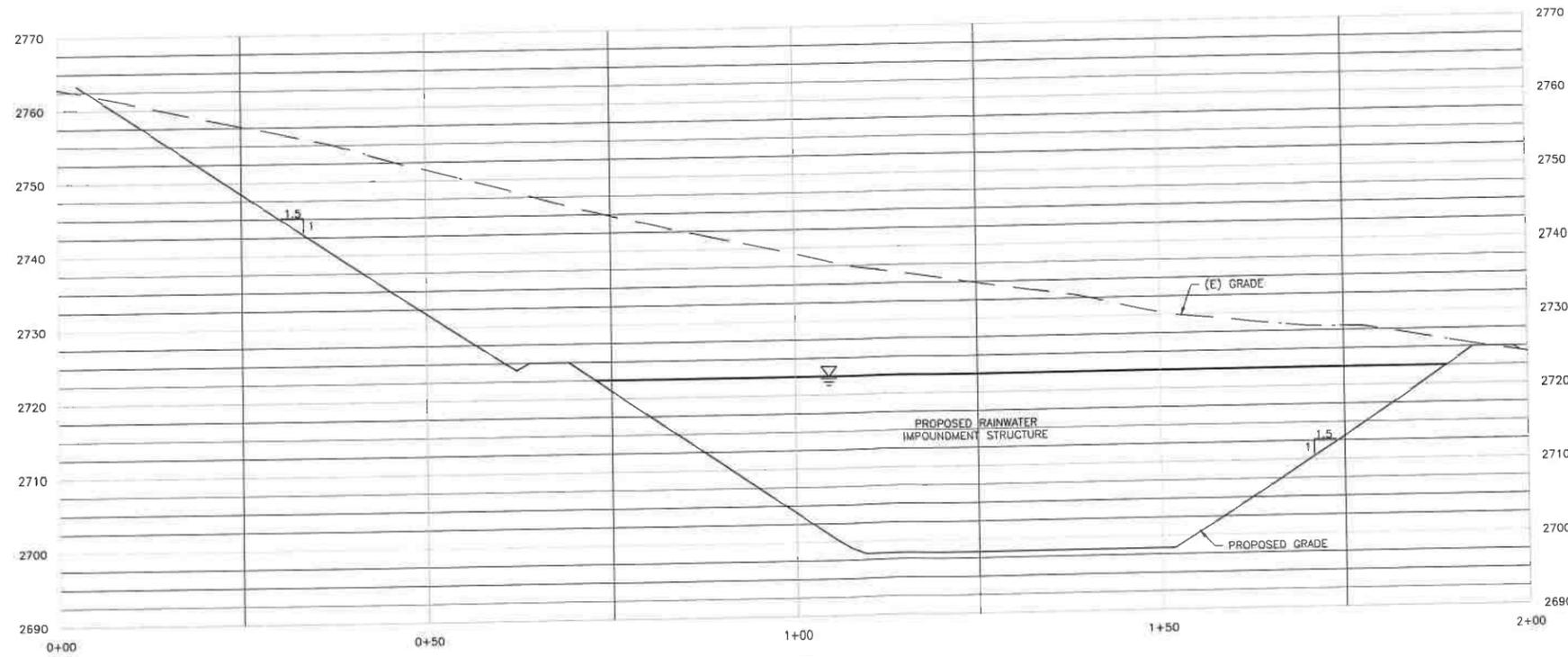
DESIGNED BY: A. DOMINICK	DATE OF ISSUE: OCTOBER 2016
CHECKED BY: J. McKNIGHT	SCALE: AS SHOWN
APPROVED BY: TVCE	PROJECT NO: 441
DRAWING NO:	

Humboldt County Building Division





SITE SECTION A  
1"=10'



SITE SECTION B  
1"=10'

RECEIVED  
FEB 28 2018  
Humboldt County  
Cannabis Svcs.

12.31.16



TVCE  
67 WALNUT WAY  
PO BOX 1957 CA 95573  
HUMBOLDT COUNTY  
PHONE (530) 539-3200  
FAX (530) 539-3011

DATE	REV	DESCRIPTION	DESIGNED BY	CHECKED BY	DATE
10/20/16		PRELIMINARY DESIGN			

DAHLIA RANCH, LLC  
APN: 523-026-003  
COON CREEK ROAD, WILLOW CREEK  
P.O. BOX 1174  
BLUE LAKE CA 96052  
HUMBOLDT COUNTY, CALIFORNIA

SECTIONS AND DETAILS

DRAWN BY: ERIC KEYS	DESIGNED BY: A. DOMINICK	CHECKED BY: J. MCKNIGHT	APPROVED BY: TVCE
DATE OF ISSUE: OCTOBER 2016			
SCALE: AS SHOWN			
PROJECT NO: 441			
DRAWING NO: CO2.1			



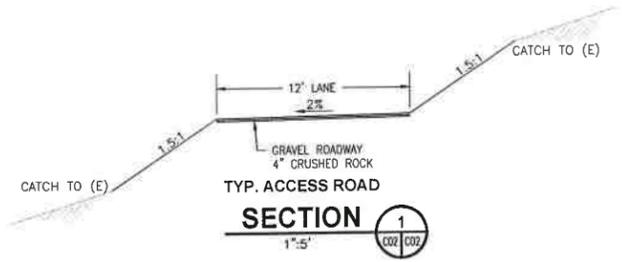
87 WALNUT WAY  
PO BOX 1567 CA 95573  
HUMBOLDT COUNTY  
PHONE (530) 629-3000  
FAX (530) 629-3011

NO.	DATE	BY	DESCRIPTION
1	10/20/16	PRELIMINARY DESIGN	
2			
3			
4			
5			
6			
7			

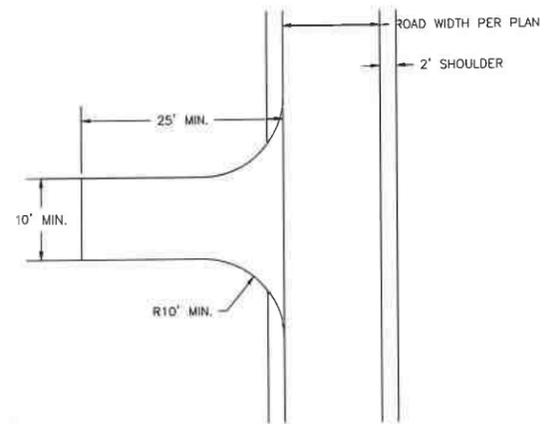
DAHLIA RANCH, LLC  
APN: 523-026-003  
COON CREEK ROAD, WILLOW CREEK  
P.O. BOX 1174  
BLUE LAKE, CA 96052  
HUMBOLDT COUNTY, CALIFORNIA

**SECTIONS AND DETAILS**

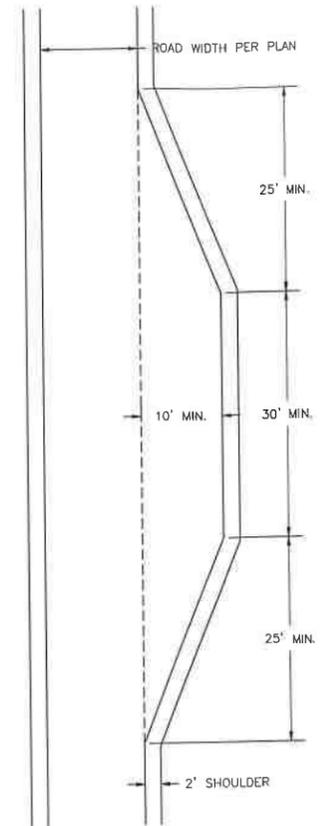
DRAWN BY: ERIC KEYS	DESIGNED BY: A. DOMINICK	CHECKED BY: J. ACKNIGHT	APPROVED BY: TVCE
DATE OF ISSUE: OCTOBER 2016			
SCALE: AS SHOWN			
PROJECT NO. 441			
DRAWING NO. C02.2			



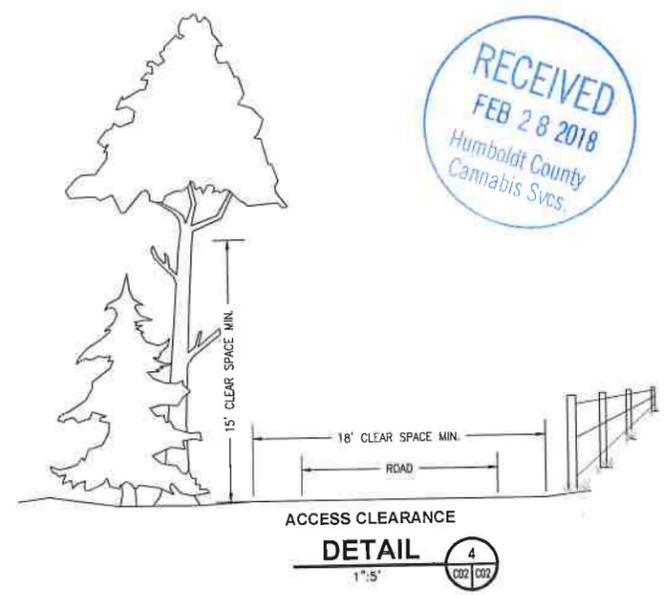
**TYP. ACCESS ROAD SECTION 1**  
1"=5'



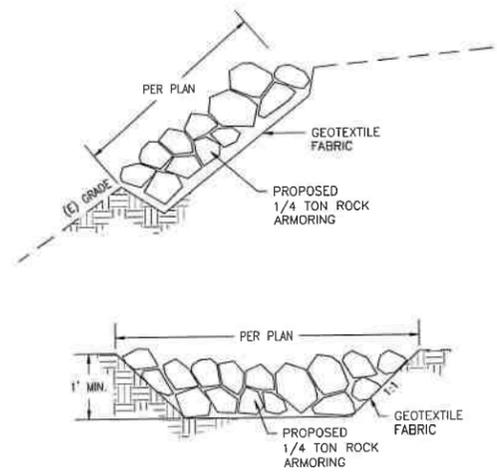
**TYPICAL INTERSECTION / TURN AROUND DETAIL 2**  
1"=10'



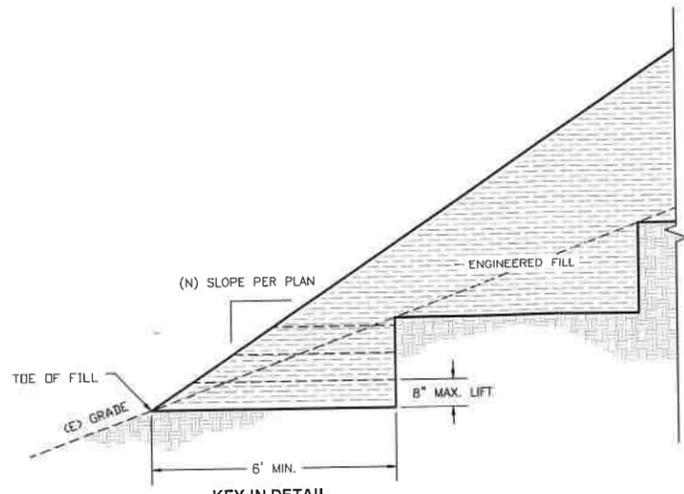
**TYPICAL TURNOUT DETAIL 3**  
1"=10'



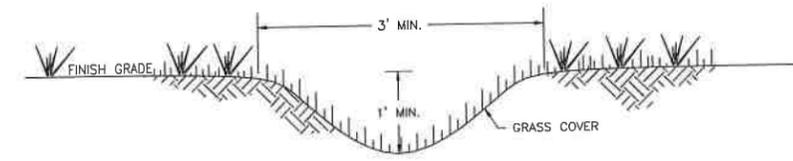
**ACCESS CLEARANCE DETAIL 4**  
1"=5'



**RSP DETAIL 5**  
NTS



**KEY-IN DETAIL DETAIL 6**  
1"=1'



**DRAINAGE SWALE DETAIL 7**  
NTS

12-31-16

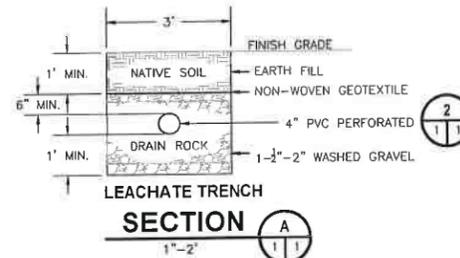
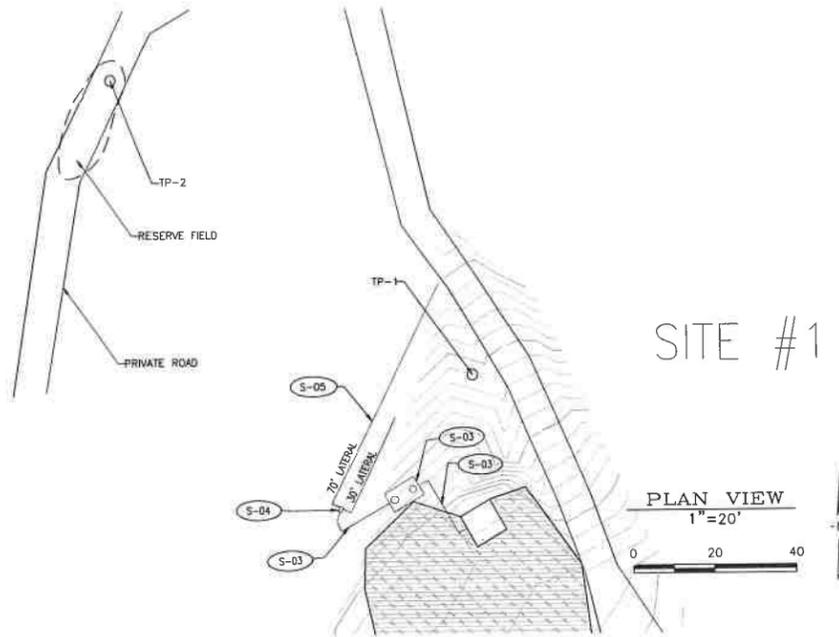
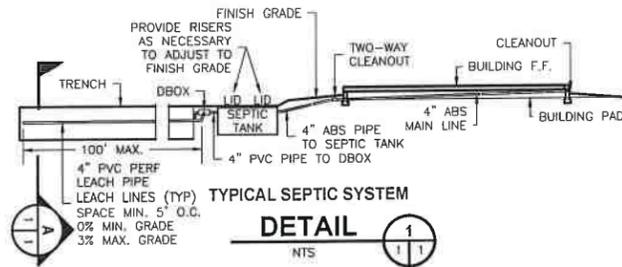


**SANITARY SEWER NOTES:**

1. THE ONSITE WASTEWATER TREATMENT SYSTEM SHALL BE DESIGNED AND CONSTRUCTED IN STRICT ACCORDANCE WITH THE STANDARDS SET FORTH IN THE ENVIRONMENTAL PROTECTION AGENCY ONSITE WASTEWATER TREATMENT SYSTEM MANUAL AND THE REQUIREMENTS OF THE HVPUD.
2. CONNECTION BETWEEN THE BUILDING AND THE SEPTIC HOLDING TANK SHALL BE OF ABS SCHEDULE 40 ASTM F-626 SEWER PIPE OR APPROVED EQUAL ALTERNATE AND BE WITHOUT BENDS IN EXCESS OF 45 DEGREES. A MINIMUM OF ONE TWO-WAY CLEANOUT MUST BE INSTALLED BETWEEN THE BUILDING AND THE HOLDING TANK. SUBSEQUENT CLEANOUTS ARE TO BE INSTALLED FOR EVERY 100 LF OF ADDITIONAL PIPE. PIPE SLOPE SHALL BE SUCH THAT A MINIMUM OF 2 FT/SEC FLOW IS MAINTAINED.
3. ALL DISTRIBUTION BOXES SHALL BE INSTALLED A MINIMUM OF 5 LF AWAY FROM THE SEPTIC HOLDING TANK AND BE ESTABLISHED AT A FLOW LINE ELEVATION 6 INCHES BELOW THE OUTLET FLOW LINE OF THE SEPTIC HOLDING TANK.
4. THE LEACHATE DISPOSAL FIELD SHALL BE ESTABLISHED A MINIMUM OF 5 LF AWAY FROM THE DISTRIBUTION BOX, HAVE A MINIMUM OF 6 LF SEPARATION BETWEEN EACH LEACH LINE, HAVE A SLOPE OF 0%, RECEIVE A MINIMUM OF 1 FOOT OF 2" WASHED DRAIN ROCK UNDER THE LEACH LINES AND A MINIMUM OF 6 INCHES OF 2" WASHED DRAIN ROCK COVER OVER THE TOP OF THE LEACH LINES. NATIVE FILL SHALL BE SEPARATED FROM THE DRAIN ROCK USING A NON-WOVEN GEOTEXTILE AND/OR #15 FELT. LEACH FIELD PIPE SHALL BE 4" MIN. PVC WITH PERFORATIONS OF 1/2 INCH DIAMETER OR SMALLER SPACED EVENLY AT 6 INCH INTERVALS.

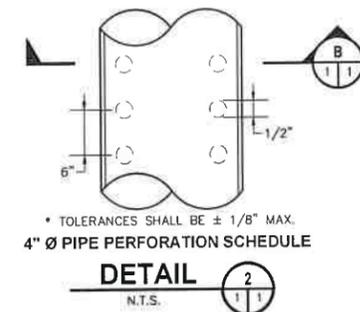
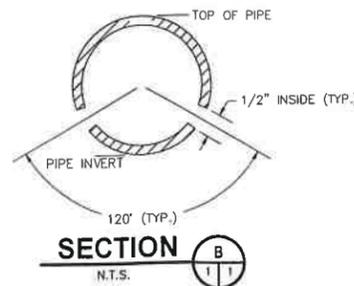
**EXISTING SANITARY SEWER NOTES:**

- (S-01) APPROXIMATELY 25 LINEAR FEET OF 4" PVC SDR-35 SEWER PIPE FROM BUILDING STUBOUT TO SEPTIC TANK.
- (S-02) 1,500 GALLON, DUAL CHAMBER PLASTIC SEPTIC TANK. ACCESS PORT RISERS TO FINISH GRADE.
- (S-03) APPROXIMATELY 20 LF OF 4" PVC SDR-35 SEWER PIPE FROM SEPTIC TANK TO DISTRIBUTION BOX.
- (S-04) D5 DISTRIBUTION BOX.
- (S-05) LEACHATE FIELD CONSISTING OF 100 LF MINIMUM OF 4" PERFORATED PVC SEWER PIPE PER DETAIL. FIELD DISPLAYED IN PLAN VIEW CONSISTS OF (1) 70 AND (1) 30 LF LINES IN PARALLEL OFFSET 6 LF O.C.



DISPOSAL FIELD GENERAL REQUIREMENTS PER UPC

COMPONENT	MINIMUM	MAXIMUM
NO. DRAIN LINES PER FIELD	1	--
LENGTH OF EACH LINE	--	100 FT
TRENCH BOTTOM WIDTH	18 IN	36 IN
LINE SPACING CENTER TO CENTER	6 FT	--
DEPTH OF EARTH COVER OF LINES	12 IN	--
LINE GRADE	LEVEL	3 IN/100 FT
FILTER MATERIAL UNDER LINE	12 IN	--
FILTER MATERIAL OVER LINE	2 IN	--



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FEB 28 2018  
Humboldt County  
Cannabis Svcs.

12-31-16



DATE	BY	CHK BY	APP BY	DESCRIPTION
9/29/16	PRELIMINARY DESIGN			

DAHLIA RANCH, LLC  
APN: 523-026-003  
COON CREEK ROAD, WILLOW CREEK  
P.O. BOX 1174  
BLUE LAKE, CA 96052  
**UTILITY PLAN**  
HUMBOLDT COUNTY, CALIFORNIA

DRAWN BY: ERIC KEYS	DESIGNED BY: A. DOMINICK	CHECKED BY: J. MCKNIGHT	APPROVED BY: TVCE
DATE OF ISSUE: OCTOBER 2016			
SCALE: AS SHOWN			
PROJECT NO: 441			
DRAWING NO: C05			

**FOUNDATION NOTES:**

- ALL FOOTING EXCAVATION SHALL BE AS NEAT AS PRACTICABLE. OVER EXCAVATION IN DEPTH SHALL BE FILLED WITH CONCRETE, AND IN WIDTH MAY BE FILLED WITH CONCRETE OR COMPACTED BACKFILL. ALL LOOSE SOILS SHALL BE REMOVED FROM EXCAVATION PRIOR TO PLACEMENT OF REINFORCEMENT, CONCRETE OR ENGINEERED FILL. FOOTING EXCAVATION TO BE 2" WIDER THAN SHOWN UNLESS FOOTINGS ARE FORMED.
- ALL FOUNDATIONS SHALL BEAR ON FIRM, UNDISTURBED NATIVE SOILS OR ENGINEERED FILL AT OR EXCEEDING DEPTHS SHOWN ON THE DRAWINGS.
- WATER SHALL BE REMOVED FROM FOUNDATION EXCAVATION PRIOR TO PLACING OF CONCRETE.
- THE CONTRACTOR IS RESPONSIBLE FOR ALL SHORING, ETC. NECESSARY TO SUPPORT CUT AND/OR FILL BANKS DURING EXCAVATION, AND FORMING AND PLACEMENT OF CONCRETE.
- REINFORCING STEEL SHALL BE DEFORMED STEEL CONFORMING TO THE REQUIREMENTS OF ASTM A-615, GRADE 60 FOR #4 BARS OR LARGER, AND GRADE 40 FOR #3 BARS.
- DETAILING, FABRICATION AND ERECTION OF REINFORCING BARS SHALL CONFORM TO THE 'ACI DETAIL MANUAL' - 1988.
- CONCRETE PROTECTION FOR REINFORCING SHALL BE AT LEAST EQUAL TO THE DIAMETER OF THE BARS. MINIMUM COVER FOR CAST-IN-PLACE CONCRETE SHALL BE AS FOLLOWS.
 

A. POURED OVER EARTH	3"
B. POURED AGAINST FORM BELOW GRADE	2"
C. FORMED SLAB (#11 BARS AND SMALLER)	3/2" / 14"
D. SLABS ON GROUND (FROM TOP OF SLAB)	1"
E. COLUMN AND BEAM MAIN BARS, TIES, STIRRUPS, SPIRALS	1 1/2"
F. WALLS EXPOSED TO WEATHER (#6 THROUGH #18) (#5 BAR & SMALLER)	2" / 1 1/2"
G. WALLS NOT EXPOSED TO WEATHER (#11 AND SMALLER)	3/4"
- REINFORCING BARS SHALL BE CLEAN OF RUST, GREASE OR OTHER MATERIAL LIKELY TO IMPAIR BOND. BENDS SHALL BE MADE COLD.
- MINIMUM LAP DISTANCE FOR REINFORCING STEEL SHALL BE 24" OR 32 BAR DIAMETERS WHICHER IS GREATER.
- ALL CONNECTORS, FASTENERS, AND METAL OBJECTS IN CONTACT WITH PRESSURE TREATED WOOD SHALL BE EITHER STAINLESS STEEL OR HOT-DIPPED GALVANIZED.

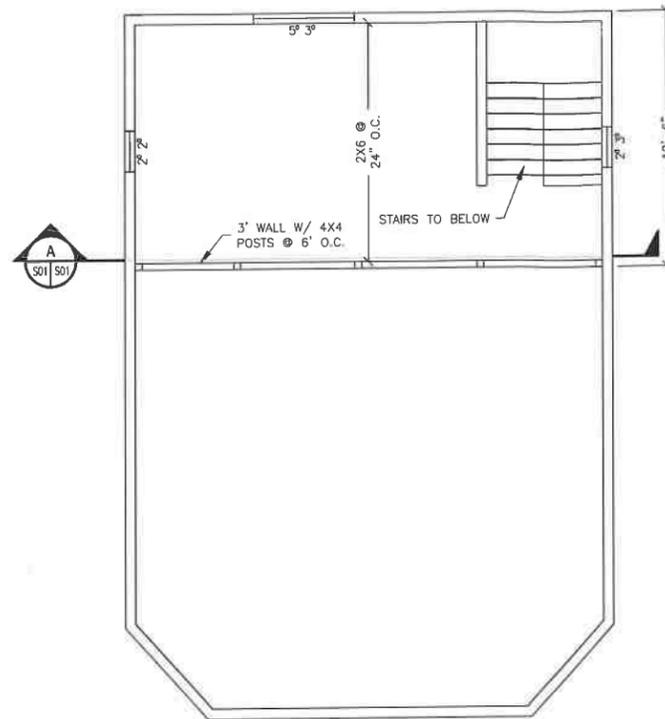
**CONCRETE NOTES:**

- THE MINIMUM ULTIMATE COMPRESSIVE STRENGTH OF CONCRETE AT 28 DAYS SHALL BE 2500 PSI AND SHALL BE A MINIMUM OF A FIVE SACK MIX WITH NO MORE THAN SEVEN GALLONS OF WATER PER CUBIC YARD.
- ALL CONCRETE SHALL BE REGULAR WEIGHT HARD ROCK TYPE (150#/CF). MAXIMUM AGGREGATE SIZE FOR SLABS ON GRADE TO BE 3/4" AND 1 1/2" FOR FOUNDATIONS. AGGREGATE SHALL CONFORM TO ASTM C-33. CEMENT SHALL CONFORM TO C-150 (TYPE II), UNLESS ALKALINE SOILS. WATER-REDUCING ADMIXTURES, RETARDING ADMIXTURES, ACCELERATING ADMIXTURES, WATER-REDUCING AND RETARDING ADMIXTURES, AND WATER-REDUCING AND ACCELERATING ADMIXTURES SHALL CONFORM TO 'SPECIFICATION FOR CHEMICAL ADMIXTURES FOR CONCRETE' (ASTM C 494).
- SLABS, BEAMS, WALLS AND OTHER CONCRETE SHALL BE KEPT CONTINUOUSLY WET FOR 48 HOURS AFTER PLACEMENT AND SHALL BE KEPT DAMP FOR 7 DAYS AFTER PLACEMENT. SLABS SHALL HAVE CURE /SEALER APPLIED IMMEDIATELY AFTER FINISHING IF OTHER FINISHES ARE NOT AFFECTED. SUPERIMPOSED LOADS SHALL NOT BE APPLIED TO ELEVATED STRUCTURAL MEMBERS OR WALLS PRIOR TO 7 DAYS MINIMUM AFTER CONCRETE HAS REACHED DESIGN STRENGTH. RESHORING SHALL REMAIN IN PLACE 28 DAYS MINIMUM, AT NO TIME DURING A RESHORING PROCESS SHALL THE CONCRETE MEMBER BE UNSUPPORTED.
- CONCRETE SHALL NOT FREE FALL MORE THAN SIX FEET.
- KEYED CONSTRUCTION JOINTS SHALL BE USED IN ALL CASES. ALL CONSTRUCTION JOINTS SHALL BE THOROUGHLY CLEANED AND ALL LAITANCE SHALL BE REMOVED. ALL VERTICAL JOINTS SHALL BE THOROUGHLY WETTED AND SLUSHED WITH A COAT OF NEAT CEMENT IMMEDIATELY BEFORE PLACING NEW CONCRETE.
- PROVIDE CONTROL JOINTS PER PLAN AND /OR EVERY 20 FEET ON CENTER. FILL WITH APPROVED CAULKING.
- PROVIDE 3/4" CHAMFER AT EXPOSED EDGES OF CONCRETE BEAMS AND COLUMNS U.N.O.
- ANCHOR BOLT SIZES AND LOCATIONS SHALL BE PER THE BUILDING PLANS. EMBEDMENT DEPTHS SHALL BE A MINIMUM OF 12".

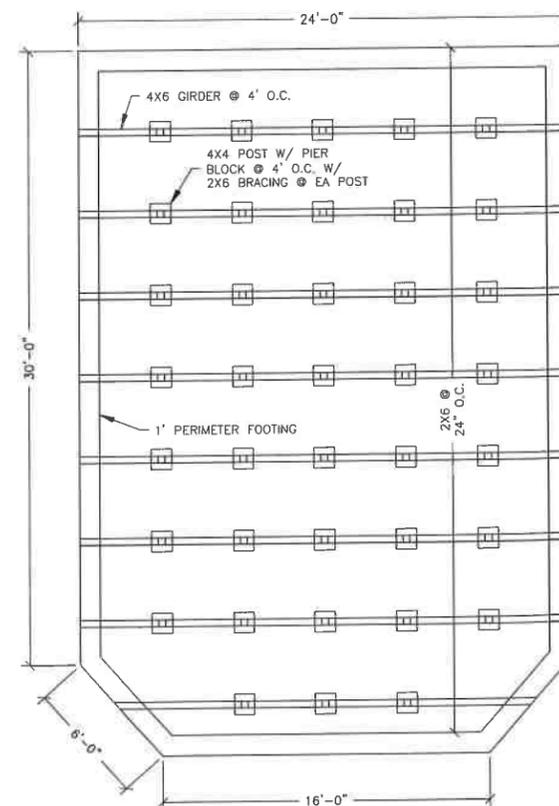
NOTE: FOOTING LAYOUT PER BUILDING PLANS FROM PRECISION STRUCTURAL ENGINEERING INC.

**SHEARWALL SCHEDULE**

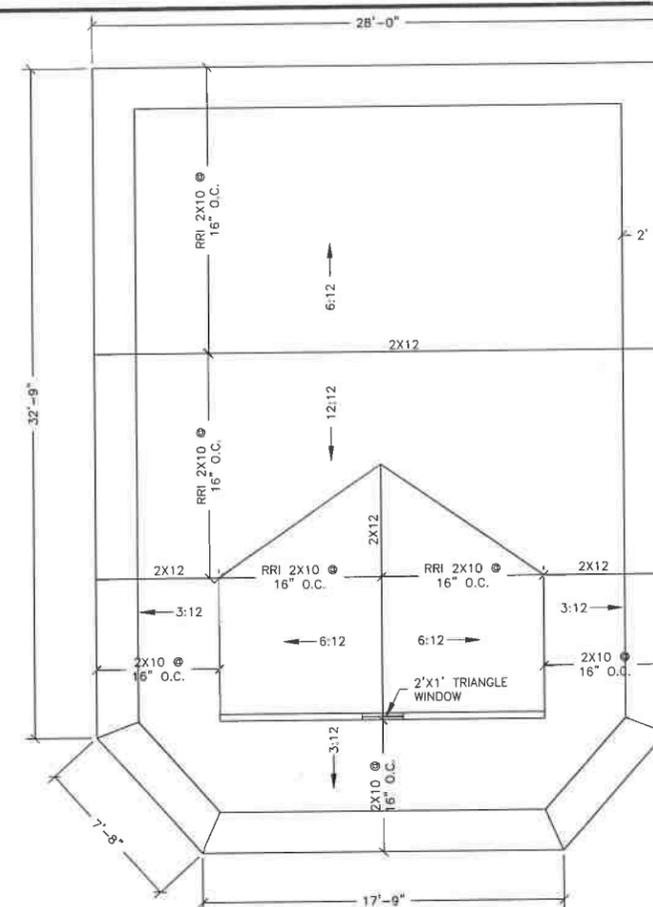
WALL LINE	STORY	SHEATHING	FRAMING	NAILING	ANCHOR BOLTS	CONNECTIONS	OTHER
1-1	1	5/8" CD PLY	2X6 @ 16" O.C.	8D @ 6" EDGE, 12" FIELD	NA	NA	
2-1	1	5/8" CD PLY	2X6 @ 16" O.C.	8D @ 6" EDGE, 12" FIELD	NA	NA	
A-1	1	5/8" CD PLY	2X6 @ 16" O.C.	8D @ 6" EDGE, 12" FIELD	NA	NA	
B-1	1	5/8" CD PLY	2X6 @ 16" O.C.	8D @ 6" EDGE, 12" FIELD	NA	NA	



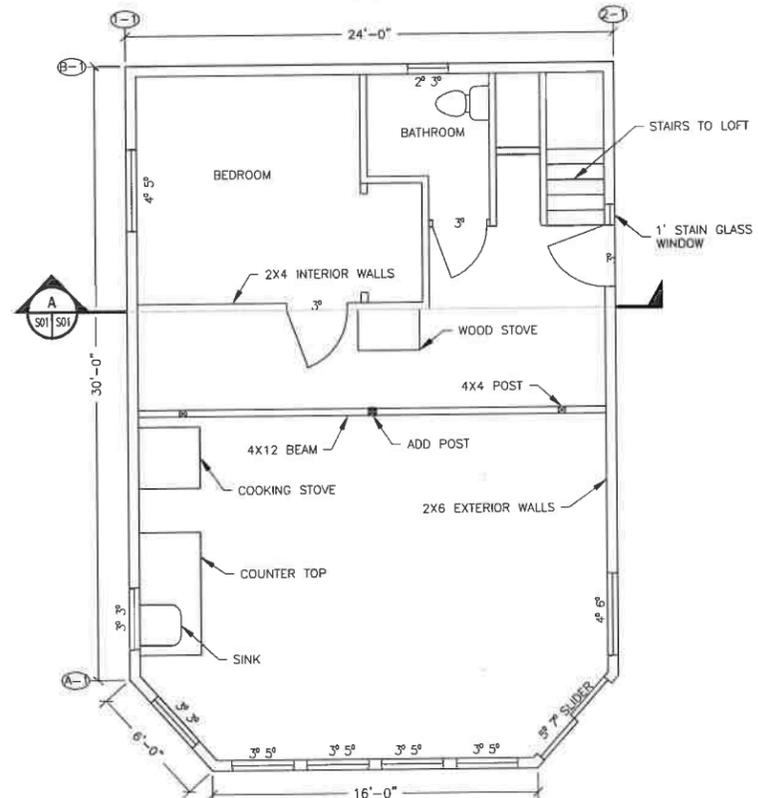
LOFT PLAN  
1/4"=1'



FOUNDATION PLAN  
1/4"=1'



ROOF PLAN  
1/4"=1'



FLOOR PLAN  
1/4"=1'



REV	DATE	DES BY	CHK BY	APP BY	DESCRIPTION

DAHIA RANCH, LLC  
APN: 523-026-003  
COON CREEK ROAD, WILLOW CREEK  
P.O. BOX 1174  
BLUE LAKE CA 96052  
**ASBUILT #1**  
HUMBOLDT COUNTY, CALIFORNIA

DRAWN BY: ERIC REYS  
DESIGNED BY: A. DOMINICK  
CHECKED BY: J. MCKNIGHT  
APPROVED BY: TVCE

DATE OF ISSUE: OCTOBER 2016

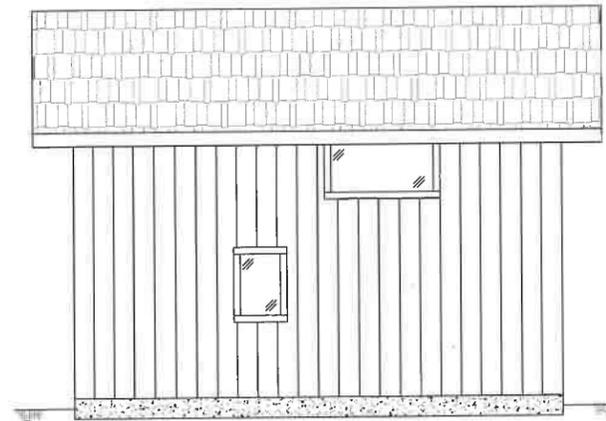
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PROJECT NO: 441

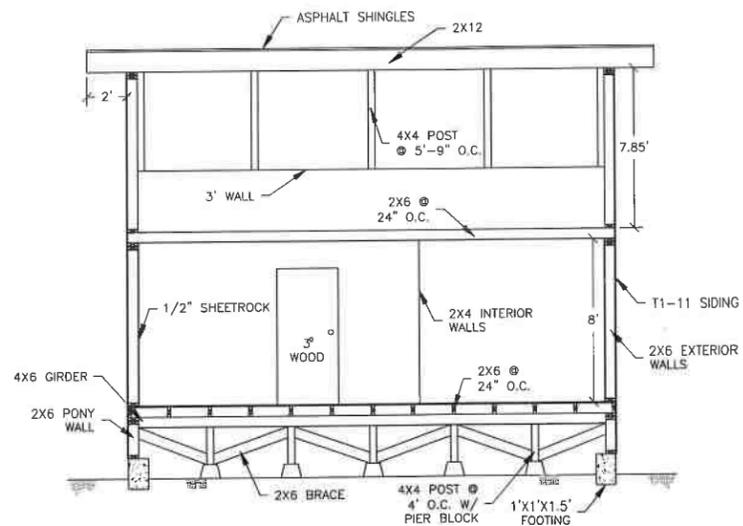
DRAWING NO: S01.0



FRONT ELEVATION  
1/4"=1'



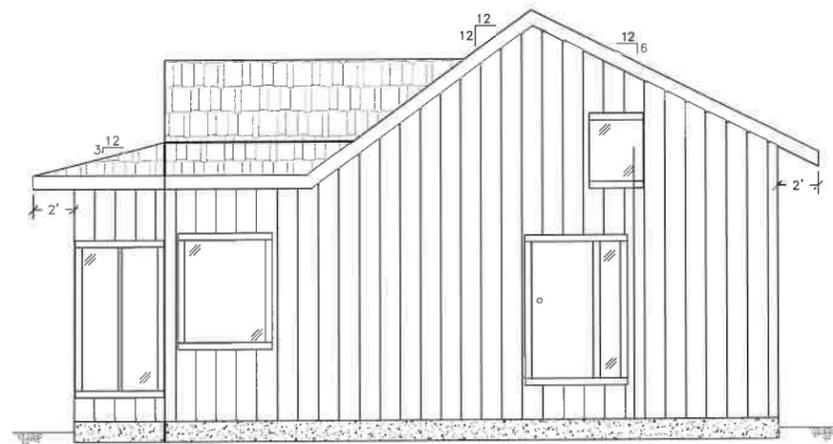
BACK ELEVATION  
1/4"=1'



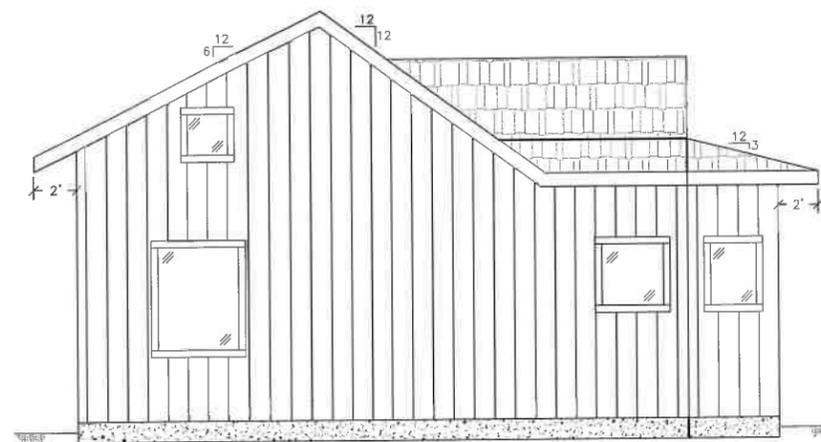
SECTION A  
1/4" = 1'



12-31-16



RIGHT ELEVATION  
1/4"=1'



LEFT ELEVATION  
1/4"=1'



TVCE  
67 WALNUT WAY  
PO BOX 1567  
WILLOW CREEK, CA 95573  
PHONE (530) 939-3000  
FAX (530) 922-5011

REV	DATE	DESCRIPTION	DESIGNED BY	CHECKED BY	DATE
1	9/20/16	PRELIMINARY DESIGN			

DAHILIA RANCH, LLC  
APN: 523-026-003  
COON CREEK ROAD, WILLOW CREEK  
P.O. BOX 1174  
BLUE LAKE CA 96052  
**ASBUILT #1 ELEVATIONS**  
HUMBOLDT COUNTY, CALIFORNIA

DRAWN BY: ERIC KEYS  
DESIGNED BY: A. DOMINICK  
CHECKED BY: J. MCKNIGHT  
APPROVED BY: TVCE

DATE OF ISSUE:  
OCTOBER 2016

SCALE:  
AS SHOWN

PROJECT NO:  
441

DRAWING NO:  
S01.1



