TREE LINE (TYP)

MOOR (TYP) DETAIL 6/B

100.1 TOE

-2%

6/C RECIRCULATION/ IRRIGATION PUMP

FLOW METER/ CHRISTY BOX

3/4" POLYPROPYLENE ROPE (TYP)

POND #2 3 HP AERATOR

POND BOTTOM ELV=92.0

INV=95.0

INV=100.0

6" PVC SCH 80

through LINER INV 102.0,BEND

SCH 80

POND BOTTOM ELV=92.0

POND #2 15 HP AERATOR

3" PVC SCH 80

105.0 CREST

3" PROPELLER FLOW METER/ CHRISTY BOX

100.35 TOE

SIZE, TYPE, BY OTHERS

IRRIGATION LINE

TO DISPOSAL FIELD

3" PVC

64'

COLD STORAGE BUILDING (E)

POND SENTRY AERATION CONTROLLER TO BE INSTALLED/SUPPLIED BY HERITAGE SYSTEMS.

ACCESS ROAD

12' GATE WITH LOCK

OWNER TO CONSTRUCT 6' CHAIN LINK FENCE AROUND AERATION PONDS

BM 9D NAIL ELEV=100.0

through LINER INV 102.0,BEND

84'

2" AGGREGATE (P)

12' GATE WITH LOCK

6'

20'

LOADING DOCK (E)

CRUSH PAD (NO COVER)

DRAIN INLET (E)

CRUSH PAD (WITH AWNING)

WINERY BUILDING (E) FFE=100.97

ABANDON IN PLACE EXISITING SEPTIC TANKS IN ACCORDNACE WITH LAKE COUNTY EHD RULES AND REGULATION. PERMIT AND INSPECTIONS ARE REQUIRED.

C.O.T.G.

6" PVC

6" PVC (S=.01 MIN.)

6" PVC (E)

CENTRAL PRECAST DROP INLET MODEL CP2424, W/ TRAFFIC FRAME AND GRATE GRATE ELV=100.0. INSTALL 6" GATE VALVE FOR STORMWATER DIVERSION. INV 98.66-FIELD VERIFY DEPTH OF EXISTING 6" LINE

FIELD VERIFY LOCATION AND PIPING OF DOMESTIC WINERY SEPTIC TANK

GRADE TO DIRECT SHEET FLOW AWAY FROM BUILDING INTO VINEYARDS.

STOCK PILE AREA (±7,000 SF)

TO BE PROTECTED BY WM-3 (STOCKPILE MANAGEMENT) OF CALTRAN'S CONST. SITE BMP MANUAL

PRE TREATMENT SEE DETAIL THIS SHEET

0 20ft

FORK LIFT TURN-AROUND

10'

R5'

101.50 TFC

100.83 FL

101.40 FL

3" SCH 40

2000 GAL CONCRETE PUMP STATION #3, 1' COVER TOP OF TANK ELV=101.0 5/B

TANK 'B' 5,000 GAL SETTLEMENT TANK

TANK 'A' 5,000 GAL SETTLEMENT TANK

26'

15'

-3.8%

-1.8%

MECHANICAL SCREEN

97.3 INV IN

6" SCH 40

101.21 FL

2000 GAL CONCRETE PUMP STATION #1, 1' COVER TOP OF TANK ELV=101.0 5/A

AMMONIA AND PH EQUIPMENT BY HERITAGE SYSTEMS, INC. COORDINATE SYSTEM WIRING AND CONSTRUCTION WITH OWNER AND MIKE LONG (707) 258-0553.

5/D CONTROL PANELS (3)

SUMP STATION #2 PER DETAIL, W/ TRAFFIC FRAME AND GRATE GRATE ELV=100.60 INV=94.60 5/C

TANK 'A' AND 'B' SHALL BE EQUIPED WITH 3" GATE VALVE BULK HEAD AT BOTTOM OF TANK FOR MAINTENENCE. SEE DETAIL SHEET 5.

PRE-TREATMENT

0 10ft

REVISION	DESCRIPTION	BY	DATE

Wm. Vanderwall, P.E.

PROFESSIONAL ENGINEER WILLIAM JOHN VANDERWALL No. C 62560 EXP. 6-30-11 STATE OF CALIF.

APN: 008-025-21

AERATION PONDS
SITE GRADING PLAN

Wildhurst Vineyards
3495 Benson Lane
Kelseyville, CA

VanDerWall Engineering
5565 Sunrise Drive
Kelseyville, CA 95451
(707) 279-4887

Date: 5/30/2008

Scale: AS NOTED

Drawn: WJV

Job: 05-08

Sheet: 3 of 8