APPLICATION FOR ENCROACHMENT PERMIT

PLEASE PRINT:

Date 8/25/11

To: San Joaquin County
Department of Public Works

Herman & Helen's Marina
(Applicant Name)

15135 W. Eight Mile Rd
(Mailing Address)

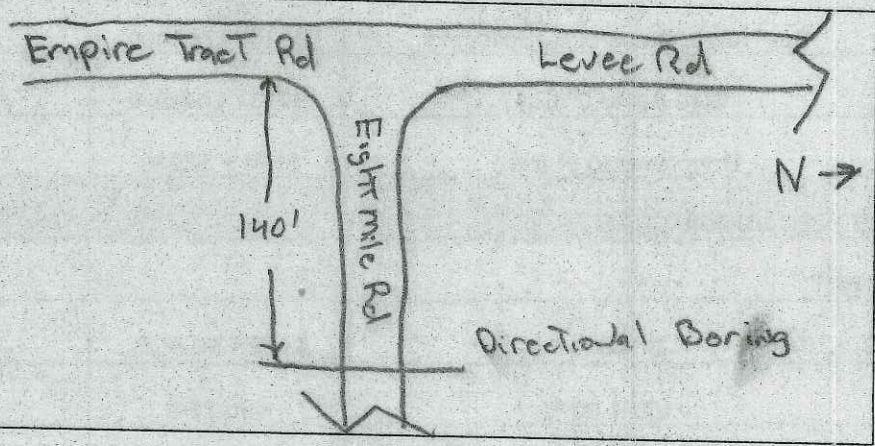
Stockton, Ca. 95219
(City, State, Zip Code)

209-951-4634 / 209-481-8374
(Area Code - Telephone Number) cell Jerry

OFFICE USE ONLY

JOB #	110005	REF #	
APN		CR #	
EXP. DATE			
VALID	9/1/11 11/1/11 TO 11/1/11		DRIVEWAYS:
STREET	EIGHT MILE RD.		*
AREA	DELTA QUAD SW		*
TYPE	Bore		*
FORMS	SS/WW, R-29		
NOTES			

Sketch (Detailed plans may be submitted)



The undersigned hereby applies for permission to excavate, construct and/or otherwise encroach on County Highway Right-of-Way on the ~~east~~ side of ~~Eigh~~ Eight Mile Rd approximately _____ feet/mile _____ of North & South, _____, by performing the following work (description of work):

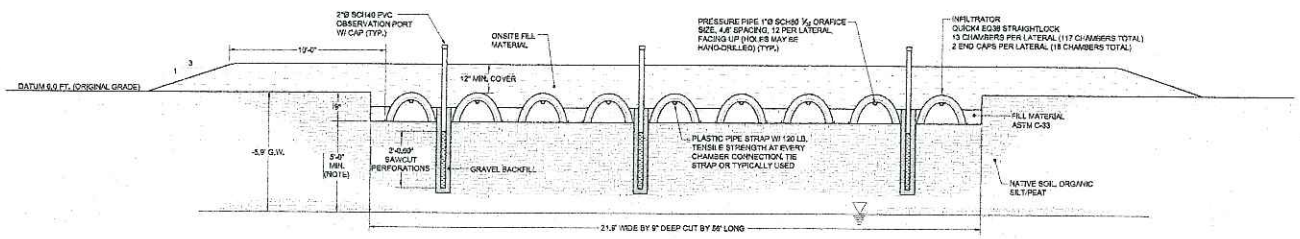
Work will commence on or about Sept 1, 2011 for approximately Oct 30, 2011 days.

I, the undersigned, certify that I am the owner of the respective property, or am qualified to represent the owner and agree to do the work described above in accordance with the rules and regulations of San Joaquin County and subject to inspection and approval.

Signature of Applicant - Title

8/25/11
Date

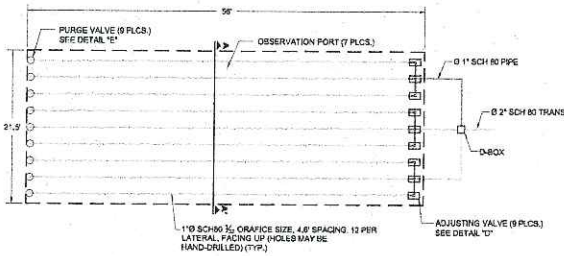
E:\PUB-SV.WK\MASTER.PS\ENCROACHMENT PERMIT APPLICATION.DOC (01/08)



A SECTION A-A'

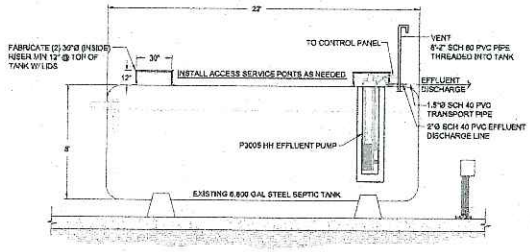
NOTE: 5'-0" MIN. SEPARATION REQ'D BETWEEN G.W. AND BOTTOM OF LEACH FIELD.

N.T.S



B DISTRIBUTION LINE LAYOUT

1/8" = 1'-0"



ORENCO DUPLEX EFFLUENT PUMPING PACKAGE

RISER, LID, AND ACCESSORIES	RR3618HL+(2)12
OPTIONAL RISER TANK OR	RL30G
FABRICATE STEEL RISERS PER PLAN	FRTA-FRP
	ADR2010
SPLICE BOX	SB6
BIOTUB PUMP VAULT	PVL66-1619-L
FLOAT SWITCH ASSEMBLY	MFAA-YP,B,R,W-39V
DISCHARGE PLUMBING ASSEMBLIES	HV125BCX (TWO REQUIRED)
EFFLUENT PUMPS	P3005H1 (TWO REQUIRED)
CONTROL PANEL	MVP-DAX1R0HTSA

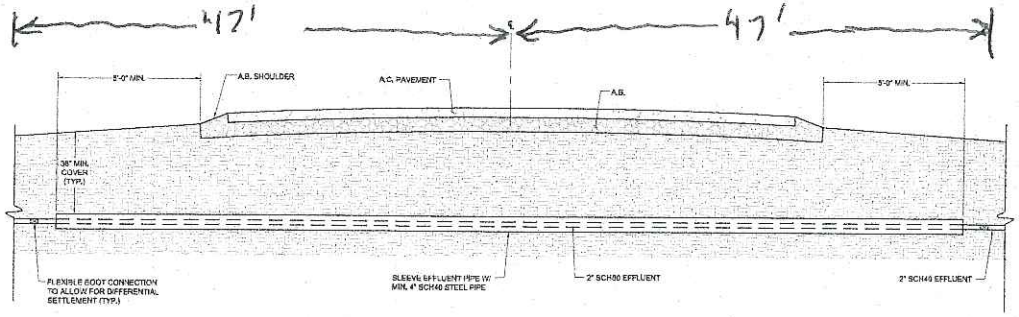
NOTE: SEE PAGE 15 OF ORENCO PARTS BOOK.

C SEPTIC TANK/ PUMP DETAIL

6,800 GALLON TANK

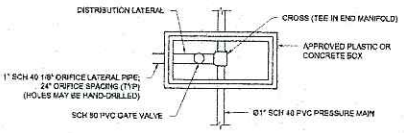
1/4" = 1'-0"

NOTE: 47' To Bore Pit



F SANITARY SEWER PIPE ROAD CROSSING DETAIL

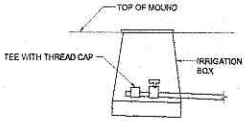
N.T.S.



D ADJUSTING VAVLE

ORENCO

N.T.S.



E PURGE VAVLE

ORENCO

N.T.S.

GEOTECHNICAL
ENVIRONMENTAL
GEOLOGY/WATER
INFRASTRUCTURE
POOL ENGINEERING
POST TENSION DESIGN
www.neilodeanderson.com

NEIL O. ANDERSON AND ASSOCIATES

CORPORATE OFFICE:
1902 INDUSTRIAL WAY
LODI, CALIFORNIA 95240
PHONE (209) 333-0231
FAX (209) 333-8303

SACRAMENTO
MODESTO
CHICO

SEPTIC SYSTEM- DETAIL SHEET

PROJECT: HERMAN & HELEN'S MARINA

CLIENT: HERMAN & HELEN'S MARINA
15135 W. EIGHT MILE ROAD
STOCKTON, CA

REV.	DATE	DESCRIPTION	APPR.
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			

JOB NUMBER: LG5110005

SCALE: AS NOTED

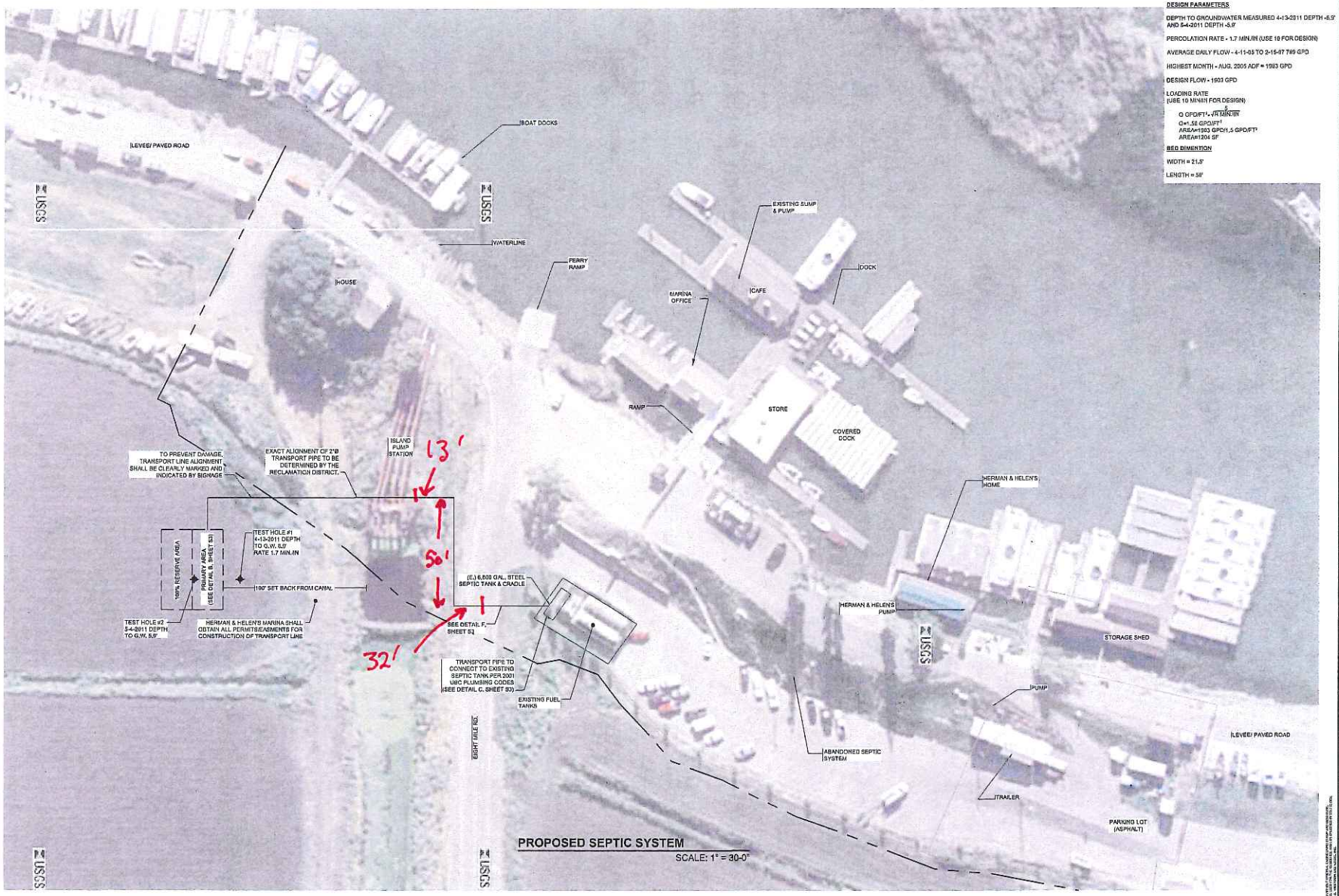
DATE: 8/15/2011

DRAWN BY: E. CINTORA

DESIGNED BY: G. HUBBART

SHEET S2

Copyright © 2011 Neil Anderson - All Rights Reserved - This document was prepared for use only by the client, only for the purposes stated, and within a reasonable time from issuance. Non-commercial, educational, and scientific use of this report by regulatory agencies is regarded as a "fair use" and not a violation of copyright. Regulatory agencies may make additional copies of this document for internal use. Copies may also be made available to the public as required by law. The reprint must acknowledge the copyright and indicate that permission to reprint has been received.



DESIGN PARAMETERS

DEPTH TO GROUNDWATER MEASURED 4-13-2011 DEPTH -5.5' AND 5-4-2011 DEPTH -5.9'

PERCOLATION RATE - 1.7 MIN/IN (USE 10 FOR DESIGN)

AVERAGE DAILY FLOW - 4-11-05 TO 2-15-07 789 GPD

HIGHEST MONTH - AUG. 2005 ADF = 1903 GPD

DESIGN FLOW - 1903 GPD

LOADING RATE
(USE 10 MIN/IN FOR DESIGN)

$Q\ GPD/FT^2 = \frac{5}{\sqrt{MIN/IN}}$

$Q = 1.58\ GPD/FT^2$
$AREA = 1903\ GPD / 1.5\ GPD/FT^2$
$AREA = 1204\ SF$

BED DIMENTION

WIDTH = 21.5'

LENGTH = 56'

NEIL O. ANDERSON AND ASSOCIATES
CORPORATE OFFICE
902 INDUSTRIAL WAY
LODI, CALIFORNIA 95240
PHONE: (209) 367-2201
FAX: (209) 333-9303
SACRAMENTO
MODESTO
CHICO
GEOTECHNICAL
ENVIRONMENTAL
GROUNDWATER
INSPECTIONS & TESTING
LABORATORY SERVICES
POOL ENGINEERING
POST TENSION DESIGN
www.andersonassoc.com

SEPTIC SYSTEM - PROPOSED LAYOUT

PROJECT: HERMAN & HELEN'S MARINA

CLIENT: HERMAN & HELEN'S MARINA
15135 W. EIGHT MILE ROAD
STOCKTON, CA

REV	DATE	DESCRIPTION	APPR.
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			

JOB NUMBER: LGS110005

SCALE: AS NOTED

DATE: 8/16/2011

DRAWN BY: E. CINTORA

DESIGNED BY: G. HUBBART

SHEET: S1

NOTICE: THIS DOCUMENT IS PROTECTED BY COPYRIGHT LAW AND INTERNATIONAL TREATIES. UNAUTHORIZED REPRODUCTION OF THIS DOCUMENT, OR ANY PORTION OF IT, MAY RESULT IN SEVERE CIVIL AND CRIMINAL PENALTIES, AND WILL BE PROSECUTED TO THE MAXIMUM EXTENT POSSIBLE UNDER THE LAW.

Copyright © 2011 Neil Anderson - All Rights Reserved - This document was prepared for use only by the client, only for the purposes stated, and within a reasonable time from issuance. Non-commercial, educational, and scientific use of this report by regulatory agencies is regarded as a "fair use" and not a violation of copyright. Regulatory agencies may make additional copies of this document for internal use. Copies may also be made available to the public as required by law. The reprint must acknowledge the copyright and include that permission to reprint has been received.