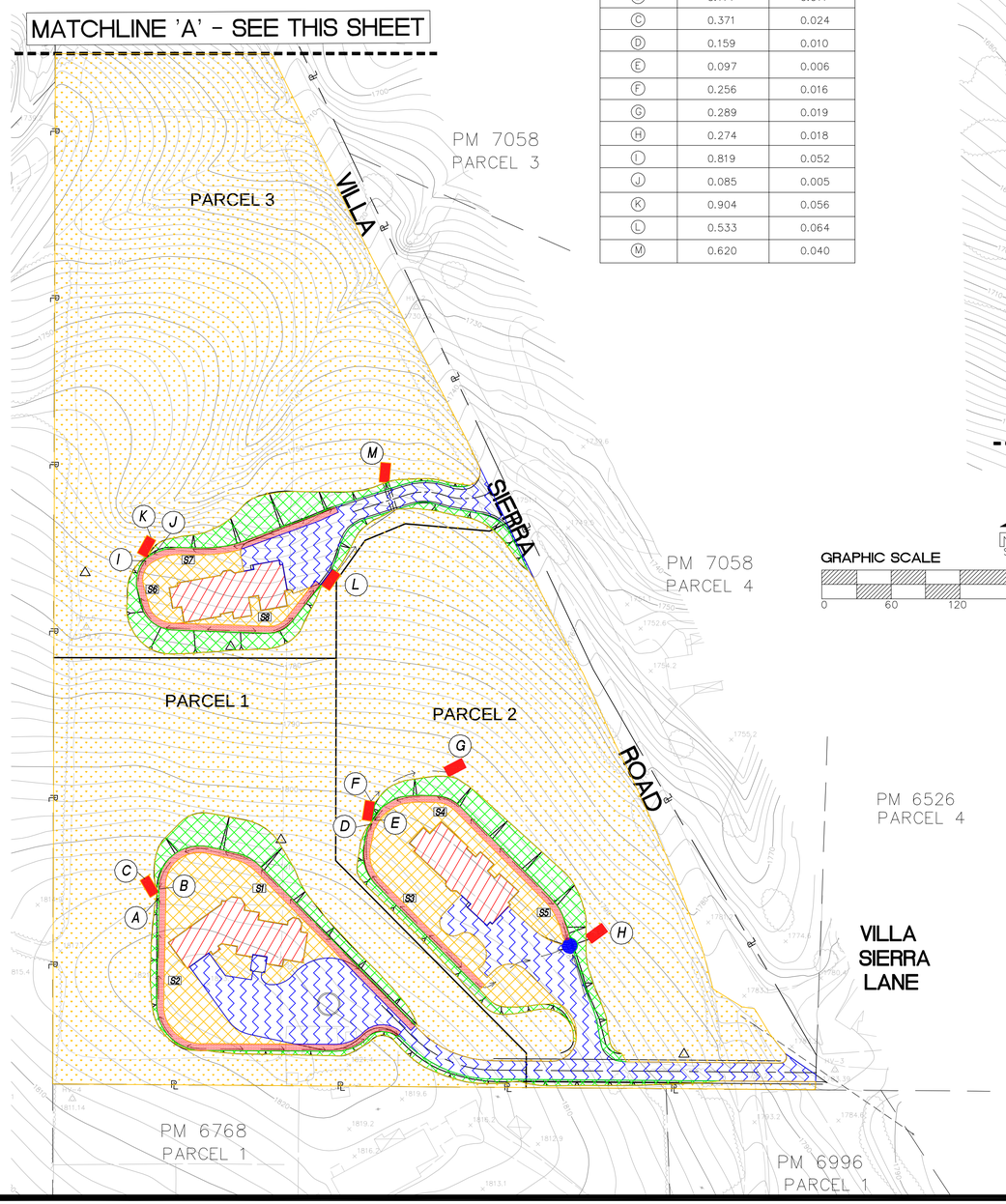
SWMP - MAJOR BMP LOCATION MAP FOR LAGUS MINOR SUBDIVISION (TPM 20966, ER 05-03-004)

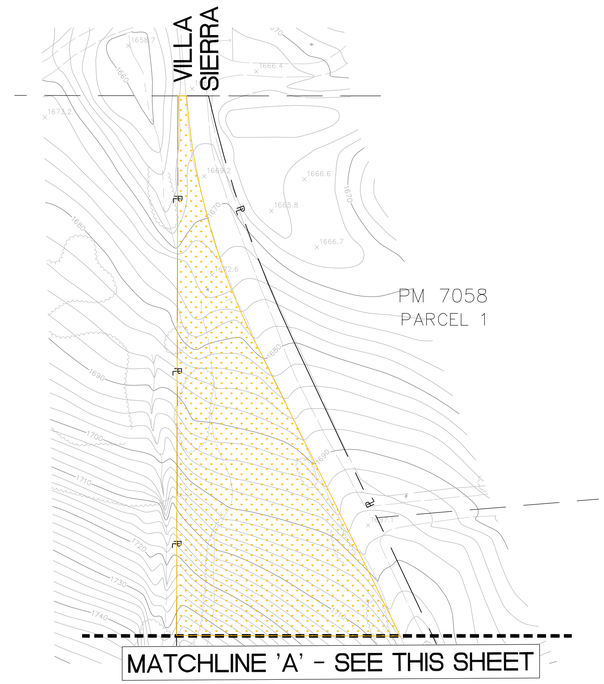
VEGETATED SWALE DATA TABLE

SWALE LOCATION	LENGTH (FT) DESIGN	LENGTH (FT) STD	WIDTH (FT)	SLOPE	TIME (MIN)	DEPTH (IN)
S1	165	100	3	2.5%	10.85	2.8
S2	175	100	3	1.2%	12.47	2.6
S3	135	100	3	1.0%	12.82	3.0
S4	145	100	3	0.9%	13.46	2.1
S5	130	100	3	0.5%	13.96	2.8
S6	135	100	3	2.1%	10.85	2.9
S7	175	100	3	1.2%	12.47	2.6
S8	100	100	3	1.3%	11.33	2.3

WATER QUALITY DISCHARGE POINT DATA

DISCHARGE POINT	TRIBUTARY AREA (ACRES)	QWC (CFS)
A	0.200	0.013
B	0.171	0.011
C	0.371	0.024
D	0.159	0.010
E	0.097	0.006
F	0.256	0.016
G	0.289	0.019
H	0.274	0.018
I	0.819	0.052
J	0.085	0.005
K	0.904	0.056
L	0.533	0.064
M	0.620	0.040

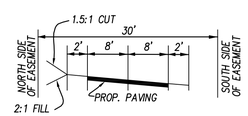




NORTH
SCALE: 1" = 60'

GRAPHIC SCALE

0 60 120 180 240



TYPICAL ROAD CROSS SECTION ONSITE PRIVATE ROAD EASEMENT
NO SCALE

BASIN BENEFICIAL USES:

INLAND WATERS	GROUND WATERS
MUN	N/A
AGR	
IND	
REC-1	
REC-2	
WARM	
WILD	

BASIN 303(d) INFORMATION:

RECEIVING WATERS: 903.12

POLLUTANTS/STRESSORS: NOT LISTED AT THIS TIME

POLLUTANTS OF CONCERN:

THE FOLLOWING ARE ANTICIPATED POLLUTANTS OF CONCERN FOR THE PROJECT SITE:
- SEDIMENT
- HEAVY METALS
- ORGANIC COMPOUNDS
- TRASH & DEBRIS
- OIL & GREASE

THE FOLLOWING ARE POTENTIAL POLLUTANTS OF CONCERN FOR THE PROJECT SITE:
- NUTIERNTS
- OXYGEN DEMANDING SUBSTANCES

LID AND SITE DESIGN BMP LEGEND

LID & SITE DESIGN BMP	FACT SHEET	SYMBOL
MINIMIZE AND DISCONNECT IMPERVIOUS SURFACES	CASQA SD-10	
CONSERVE NATURAL AREAS, SOILS, AND VEGETATION (OPEN SPACE)	CASQA SD-10	
CONVEY RUNOFF SAFELY FROM TOPS OF SLOPES	N/A	NON-PLOTTABLE
VEGETATE SLOPES WITH NATIVE OR DROUGHT TOLERANT VEGETATION	CASQA SD-10	
INSTALL RIP RAP ENERGY DISSIPATORS	SDRSD D-40	

SOURCE CONTROL BMP LEGEND

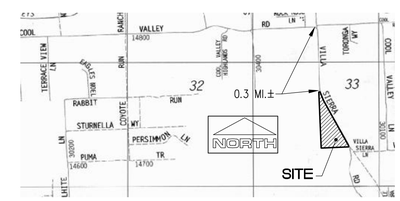
SOURCE CONTROL BMP	FACT SHEET	SYMBOL
USE EFFICIENT IRRIGATION SYSTEMS AND LANDSCAPE DESIGN	CASQA SD-10, SD-12	NON-PLOTTABLE
STORM DRAIN STENCILING AND SIGNAGE	CASQA SD-13	

TREATMENT CONTROL BMP LEGEND

SITE DESIGN BMP	FACT SHEET	SYMBOL
VEGETATED SWALES	CASQA TC-30, LID FS-4, LID FS-7 LID FS-18	

MISC. BMP LEGEND

BMP	FACT SHEET	SYMBOL
ROOF RUNOFF CONTROLS	CASQA SD-11	
LID DRIVEWAY, SIDEWALK, AND BIKE PATH DESIGN	LID FS-24	



T.B. PAGE 1070
GRID J-4

VICINITY MAP
NO SCALE

HYDROLOGIC BASIN INFORMATION:

BASIN NUMBER: 903.12

HYDROLOGIC UNIT: SAN LUIS REY HU

HYDROLOGIC AREA: LOWER SAN LUIS REY HA

HYDROLOGIC SUB-AREA: BONSALL HSA

RECEIVING WATERS: KEYS CREEK

http://www.cabmphandbooks.com/Development.asp

CASQA BMP REFERENCE NOTE:

ALL CASQA BMP FACT SHEETS REFERENCED ON THIS PLAN ARE FROM THE CASQA NEW DEVELOPMENT BMP HANDBOOK. COPIES OF THE REFERENCED BMP FACT SHEETS CAN BE FOUND BY VISITING THE FOLLOWING WEB SITE:

COUNTY LID FACT SHEET NOTE:

ALL COUNTY OF SAN DIEGO LID FACT SHEETS CAN BE FOUND IN THE COUNTY OF SAN DIEGO LOW IMPACT DEVELOPMENT HANDBOOK (JULY 20, 2007 DRAFT EDITION). THIS MANUAL CAN BE OBTAINED FROM THE COUNTY OF SAN DIEGO.

REGISTERED PROFESSIONAL ENGINEER
GARY R. WYNN
No. CO 43202
EXP. 3-31-10
CIVIL
STATE OF CALIFORNIA

ENGINEER OF WORK

I HEREBY DECLARE THAT I AM THE ENGINEER OF WORK FOR THIS PROJECT AND THAT I HAVE EXERCISED RESPONSIBLE CHARGE OVER THE DESIGN OF THE PROJECT.

NAME: GARY R. WYNN DATE:

PE NO: 43202 EXPIRES: 3/31/10

WYNN ENGINEERING, INC.
27315 VALLEY CENTER ROAD
VALLEY CENTER, CA. 92082
(760) 749-8722 (310) 306-9728
FAX (760) 749-9412

WEI JOB NO. 04-197 | 10/7/08

PRIVATE CONTRACT

COUNTY OF SAN DIEGO
DEPARTMENT OF PLANNING AND LAND USE

SWMP MAJOR - BMP EXHIBIT FOR:

LAGUS MINOR SUBDIVISION
TPM 20966
ER 05-03-004

SHEET: 1 OF SHEETS: 1

SWMP MAJOR - BMP MAP

F:\2004\04-197 DODGE LAGUS\DWG\ 04-197 COSD SWMP-MAJOR 6TH 11-13-08.DWG

Plotted By : ISELA

Date Plotted : Jan 05, 2009 - 3:23pm