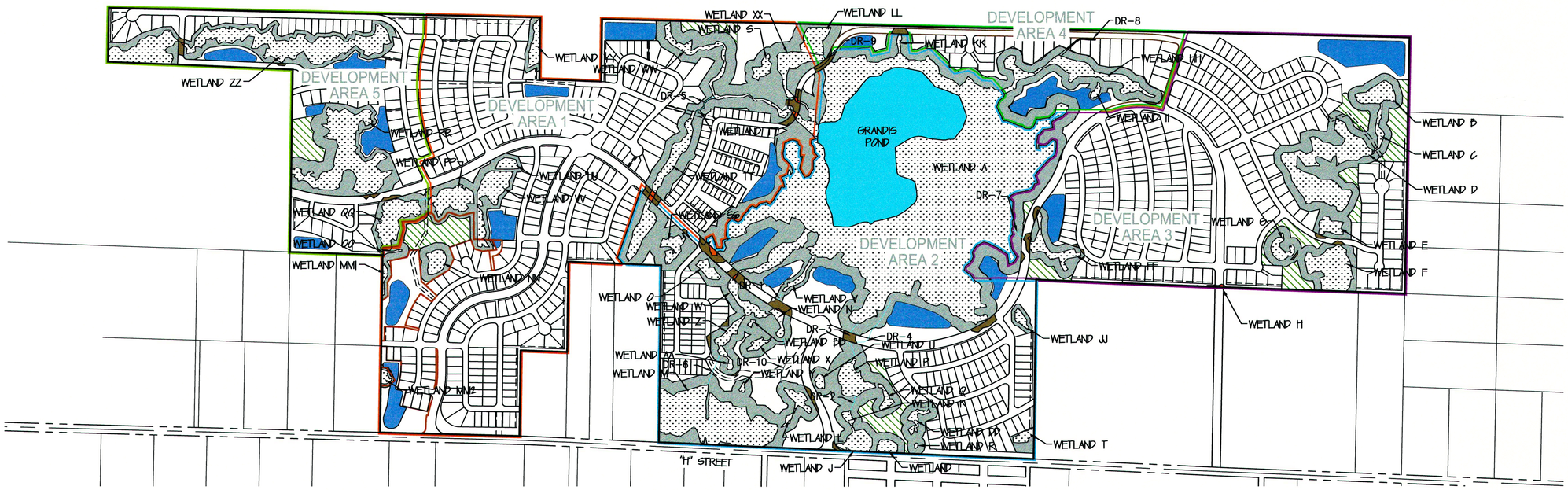
Grandis Pond

ON THE 49TH PARALLEL
PLANNED UNIT DEVELOPMENT

A PORTION OF SECTIONS 33, 34 AND 35,
TOWNSHIP 41 NORTH, RANGE 1 EAST OF W.M.
CITY OF BLAINE, WHATCOM COUNTY, WASHINGTON



Development Area	Permanent Wetland or Stream	Permanent Buffer Impact (Sq Ft)
1	4,409	29,939
2	5,490	39,588
3	1,251	12,576
4	2,424	12,076
5	305	10,245
Total Impact (Sq. Ft.)	**13,879**	**104,424**
Total Impact (Acres)	**0.32**	**2.40**

Wetland or Stream	City of Blaine Regulatory Status	Permanent Wetland or Stream Impact (Sq Ft)	Permanent Buffer Impact (Sq Ft)
A	Category 2	4,184	37,999
E	Category 3		1,502
F	Category 3		1,567
H	Not regulated	490	
J	Category 3		1,484
L	Category 2		4,161
N	Category 2	570	9,334
W	Category 2	619	7,556
Z	Category 2		3,780
AA	Category 2		521
CC	Category 2	163	
FF	Category 3	297	3,699
GG	Not regulated	344	3,959
HH	Category 2		874
KK	Category 2		4,148
QQ	Category 3		2,698
RR	Category 3		2,205
SS	Category 3		992
TT	Category 3	2,128	6,309
XX	Category 2	355	658
ZZ	Category 2	305	5,342
DR1	COB Stream	120	*
DR3	COB Stream	300	5,636
DR4	COB Stream	300	
DR7	COB Stream	120	
DR8	COB Stream	2,344	
DR9	COB Stream	80	*
DR10	COB Stream	1,160	
	Total Impact	**13,879**	**104,424**
	Total Impact (Acres)	**0.32**	**2.40**

* Stream buffer area is included in wetland buffer area

N

0 400 800

SCALE IN FEET

LEGEND:

- BUFFER IMPACT
- WETLAND IMPACT
- POTENTIAL STORMWATER DETENTION POND SITES

NO.	REVISIONS:	APPD.
1.	MODIFIED WETLAND AND UPLAND BUFFERS 9-17-10	MJD

9-17-2010

CHARLES R. EMERY — WASHINGTON — EXPIRES 7-4-2011

CASCADE ENGINEERING GROUP, P.S., INC.
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Bellingham, Washington 98225
(360) 306-8161

Grandis Pond

PLANNED UNIT DEVELOPMENT
WETLAND & BUFFER IMPACTS

PROJECT NUMBER: BLMT0004

DATE: 04/26/07
DESIGN:
DRAWN: HJC
CHECKED:

SCALE: 1"= 400'

SHEET NO.

PD17

PD30

P:\PLBLMT0000004\JACAD\PWB\PLD\SHEETS\wPD17bImt.00004.dwg