

MATCH LINE SEE SHEET 2

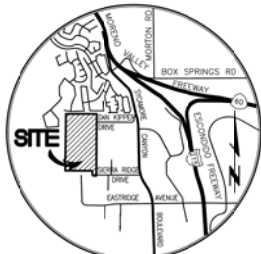
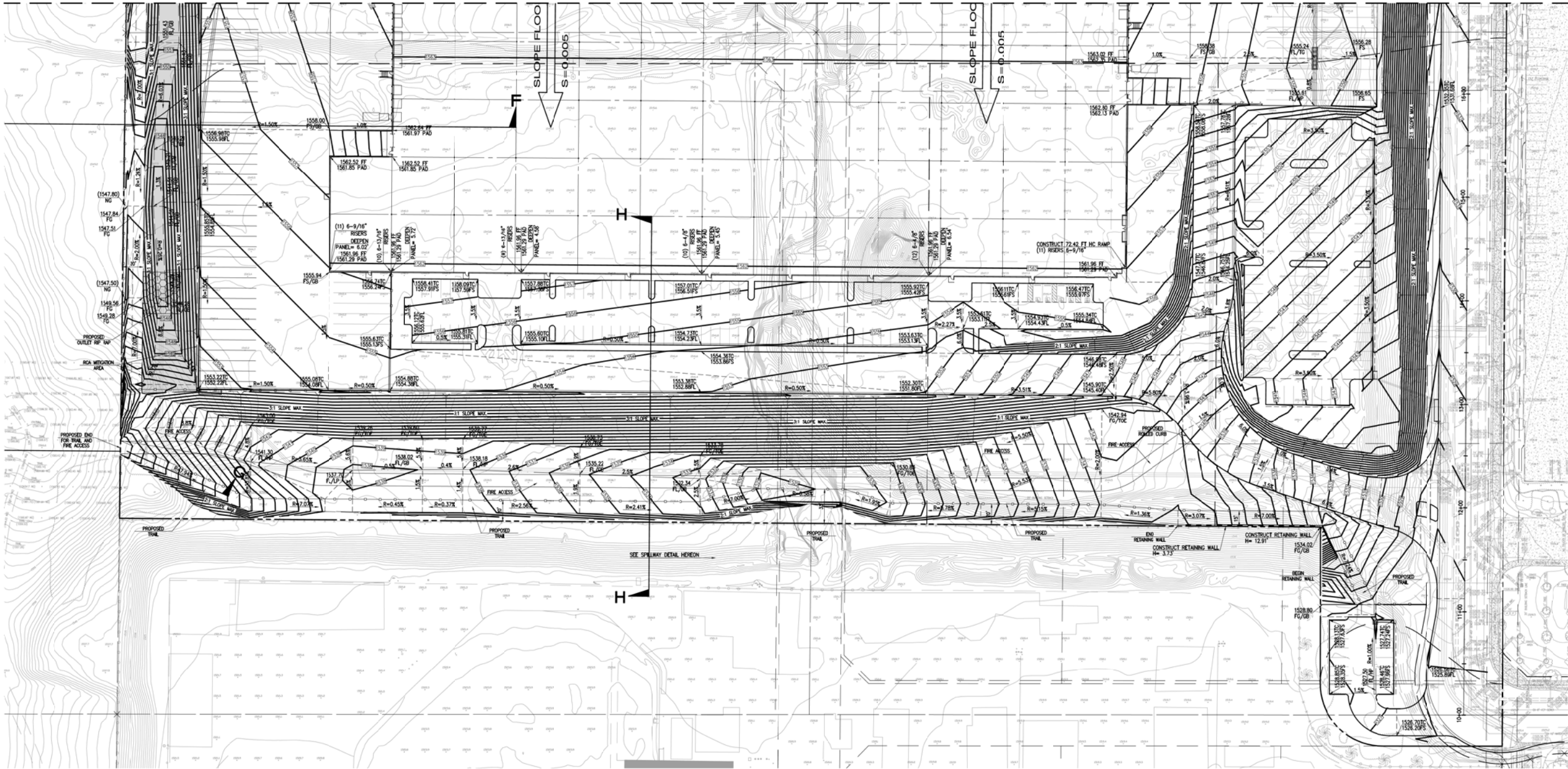
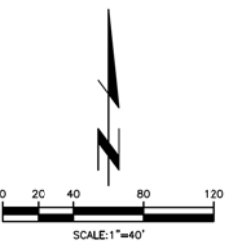


Exhibit 9 - Preliminary Grading Plan

EARTHWORK BALANCE CALCULATIONS			3/29/2014
PROJECT:	Sycamore Canyon Project-Bldg. 1		
JOB#	3261b		
K.	SITE AREA:	2,200,470	SF
L.	SUBSIDENCE FACTOR:	(0.063)	
M.	SHRINKAGE FACTOR:	-5.0	%
N.	OVEREXCAVATION:	145,674.07	CY
A.	CALCULATED CUT:	340,228	CY
B.	PAVING AND UTILITY SPOILS	-	CY
C.	TOTAL CUT: (A+B)	340,228	CY
D.	CALCULATED FILL:	369,617	CY
E.	LIGHT PAVING FILL:	-	CY
F.	SUBSIDENCE: (LxK)/27=	(5.094)	CY
G.	SHRINKAGE: (M/100)C=	(17.011)	CY
H.	OVEREXCAVATION SHRINKAGE	(7.284)	CY
I.	TOTAL FILL: (D+E+F+G+H)=	340,228	CY
J.	TOTAL (IMPORT) OR EXPORT:	(0)	CY
SITE ADJUSTMENT		(0.00)	

EARTHWORK BALANCE CALCULATIONS			3/29/2014
PROJECT:	Sycamore Canyon Project-Bldg. 2		
JOB#	3261b		
K.	SITE AREA:	854,509	SF
L.	SUBSIDENCE FACTOR:	(0.063)	
M.	SHRINKAGE FACTOR:	-5.0	%
N.	OVEREXCAVATION:	53,505.78	CY
A.	CALCULATED CUT	158,667	CY
B.	PAVING AND UTILITY SPOILS	-	CY
C.	TOTAL CUT: (A+B)	158,667	CY
D.	CALCULATED FILL:	171,254	CY
E.	LIGHT PAVING FILL:	-	CY
F.	SUBSIDENCE: (LxK)/27=	(1.678)	CY
G.	SHRINKAGE: (M/100)C=	(7.533)	CY
H.	OVEREXCAVATION SHRINKAGE	(2.679)	CY
I.	TOTAL FILL: (D+E+F+G+H)=	158,667	CY
J.	TOTAL (IMPORT) OR EXPORT:	(0)	CY
SITE ADJUSTMENT		(0.00)	

NOTE: EARTHWORK FIGURES SHOWN ARE APPROXIMATE FIGURES, AND ARE TO BE USED BY BUILDING DEPARTMENT ONLY. CONTRACTOR SHALL CALCULATE HIS OWN EARTHWORK QUANTITIES AND BID A COMPLETE JOB.



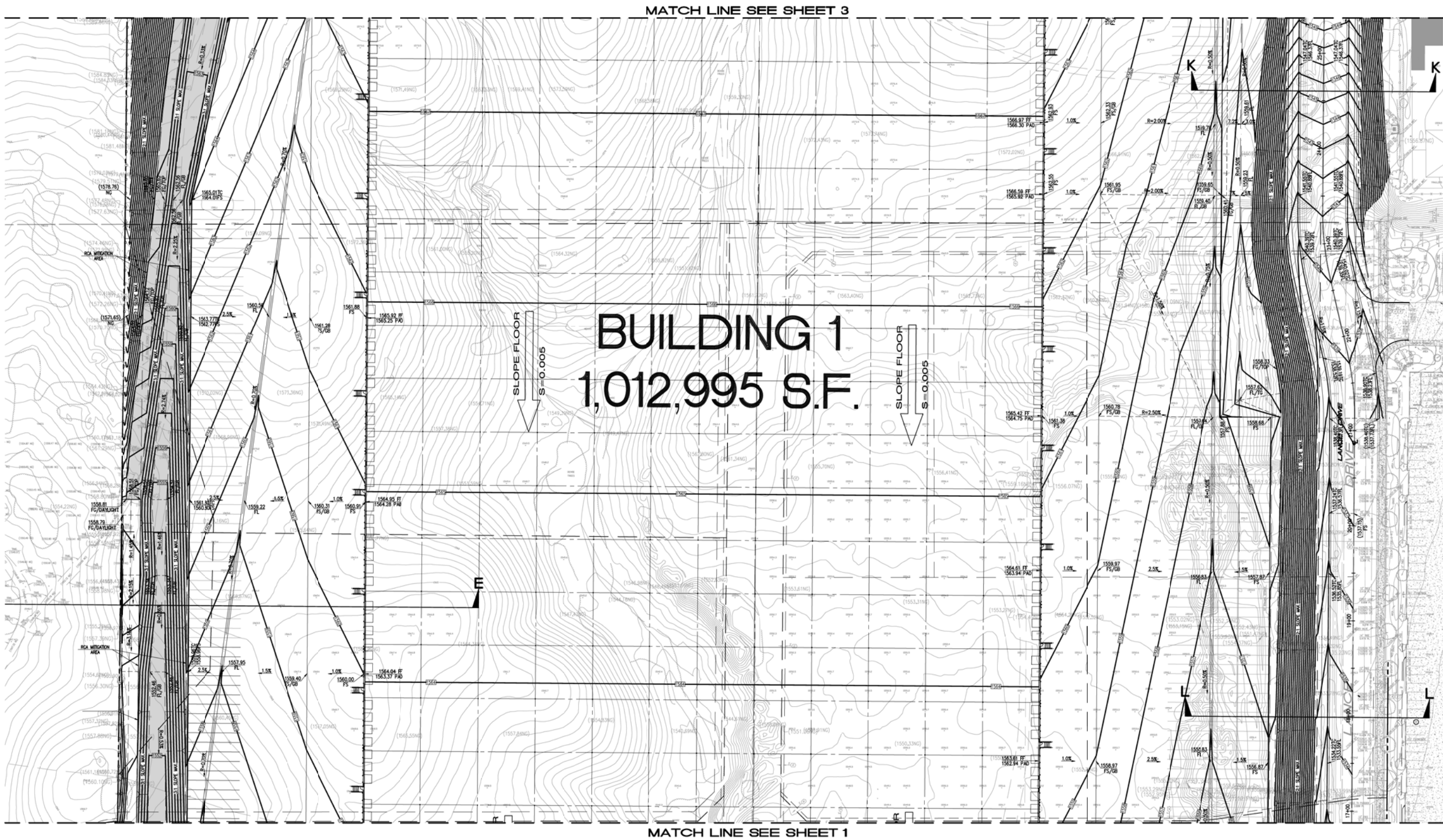
ATTACHMENT 3

PREPARED FOR:
Hillwood Investments
901 Via Piemonte, Suite 175
Ontario, CA 91764
PHONE: (909)382-0033
FAX: (909)382-0073

Thienes Engineering, Inc.
CIVIL ENGINEERING - LAND SURVEYING
14549 FIRESTONE BOULEVARD
LA HABRA, CALIFORNIA 92658
PH: (714)521-4811 FAX: (714)521-4173

Designed by	Approved by	Date
Checked by		
Date		
Designed by	Public Works Director	R.C.E. XXXXX
Date		
Checked by		
Date		

Sheet 1 of 6 Sheets



ATTACHMENT 3

City of Riverside
Public Works Department
CONCEPTUAL GRADING PLAN
SYCAMORE V
LANCE DRIVE
BUILDING 1

Designed by	Approved by	Date
Checked by	Public Works Director	R.C.E. XXXXX
Designed by		
Checked by		
Date		

Sheet 2 of 6 Sheets

PREPARED FOR:
Hillwood Investments
901 Via Piemonte, Suite 175
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Exhibit 9 - Preliminary Grading Plan

Last Update: 3/29/16
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02/07/2019

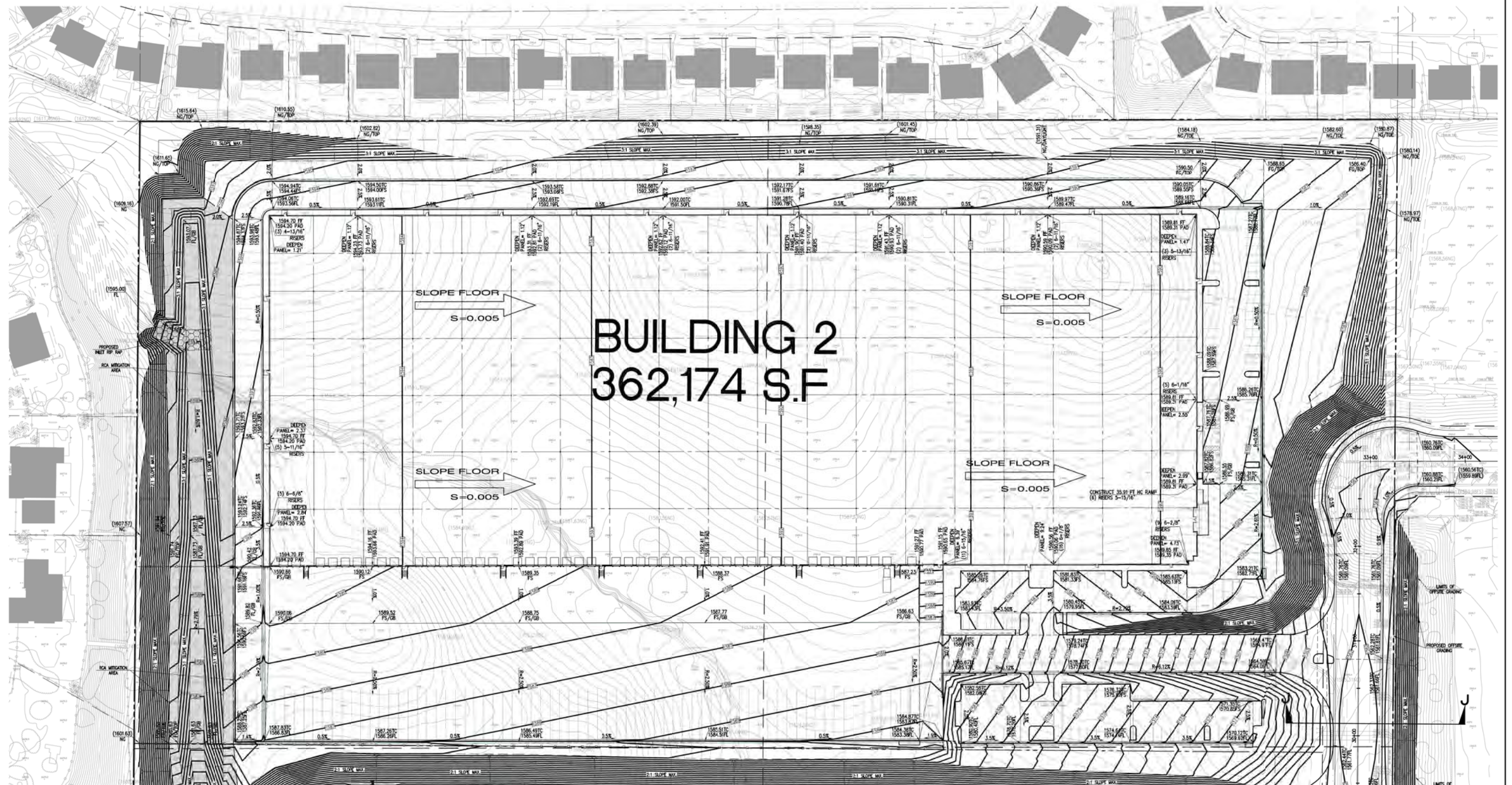
3-2 Designed by _____ Date _____ Checked by _____ Date _____ Designed by _____ Date _____ Checked by _____ Date _____	Approved by _____ Date _____
	Public Works Director _____ R.C.E. _____
	Sheet 3 of 6 Sheets

PREPARED FOR:

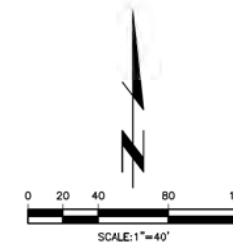
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Exhibit 9 - Preliminary Grading Plan



FOR BUILDING 1 - SEE SHEETS 1-3



ATTACHMENT 3

CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT	
CONCEPTUAL GRADING PLAN	
SYCAMORE V	
LANCE DRIVE	
BUILDING 2	
Designed by _____	Approved by _____ Date _____
Checked by _____	Public Works Director _____ R.C.E. 00000
Designed by _____	
Date _____	
Checked by _____	
Date _____	
Sheet 4 of 6 Sheets	

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