

MATCH LINE SEE SHEET 2

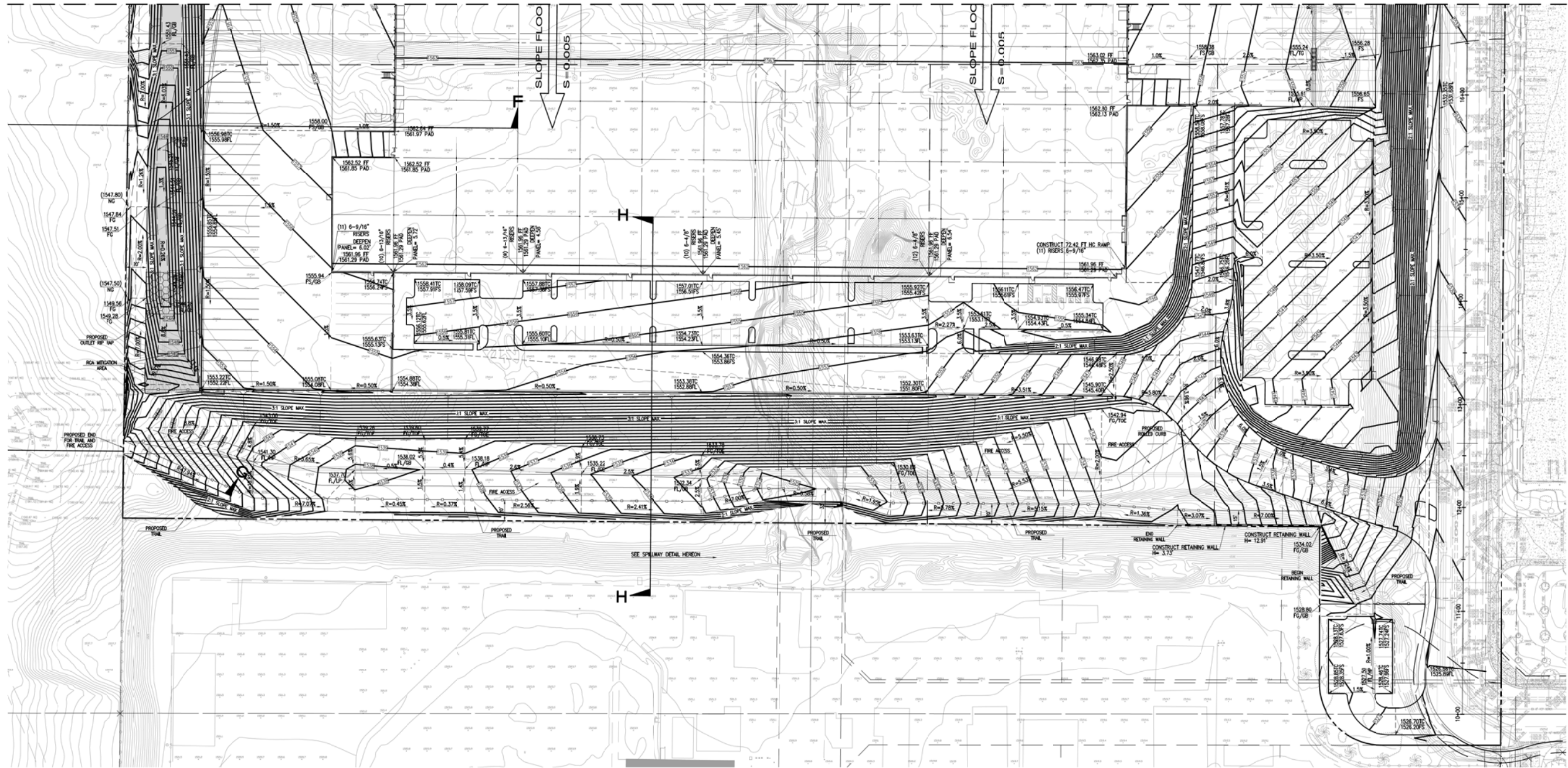
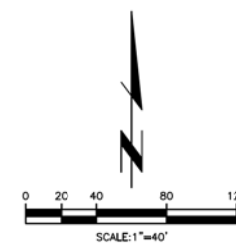


Exhibit 9 - Preliminary Grading Plan

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

Last Update: 6/17/16
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CITY OF RIVERSIDE
PUBLIC WORKS DEPARTMENT

CONCEPTUAL GRADING PLAN

**SYCAMORE V
LANCER DRIVE
BUILDING 1**

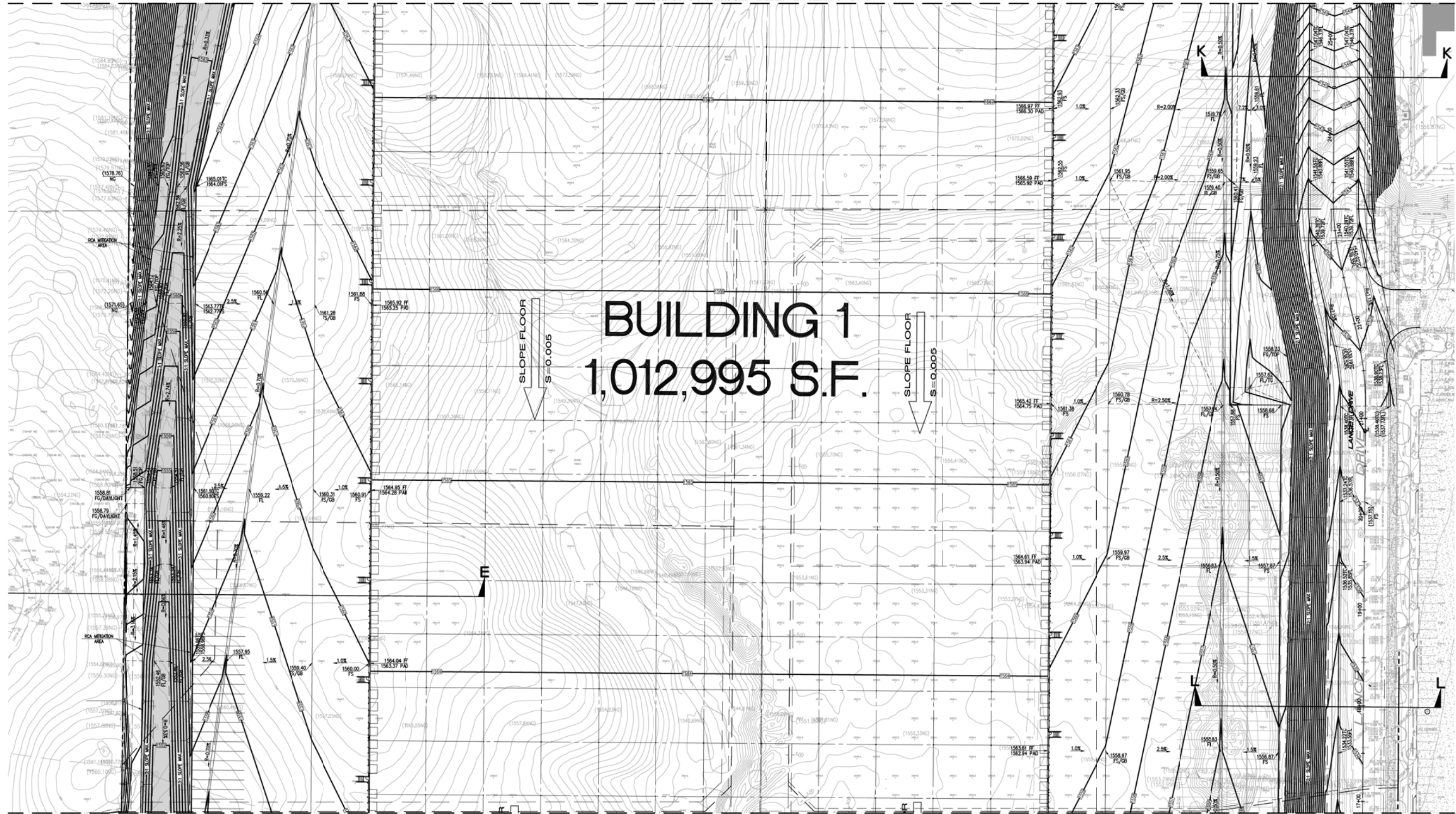
Designed by _____	Approved by _____
Checked by _____	Date _____
Designed by _____	Public Works Director _____ R.C.E. XXXXX
Checked by _____	Date _____
Date _____	Sheet 1 of 6 Sheets

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

T&E Thienes Engineering, Inc.
CIVIL ENGINEERING - LAND SURVEYING
14345 FIRESTONE BOLLINGWOOD
LA HABRA, CALIFORNIA 90638
PH: (714)821-4811 FAX: (714)821-4173

3261/1 OF 6 SHEET

MATCH LINE SEE SHEET 3



MATCH LINE SEE SHEET 1

ATTACHMENT 3

Exhibit 9 - Preliminary Grading Plan

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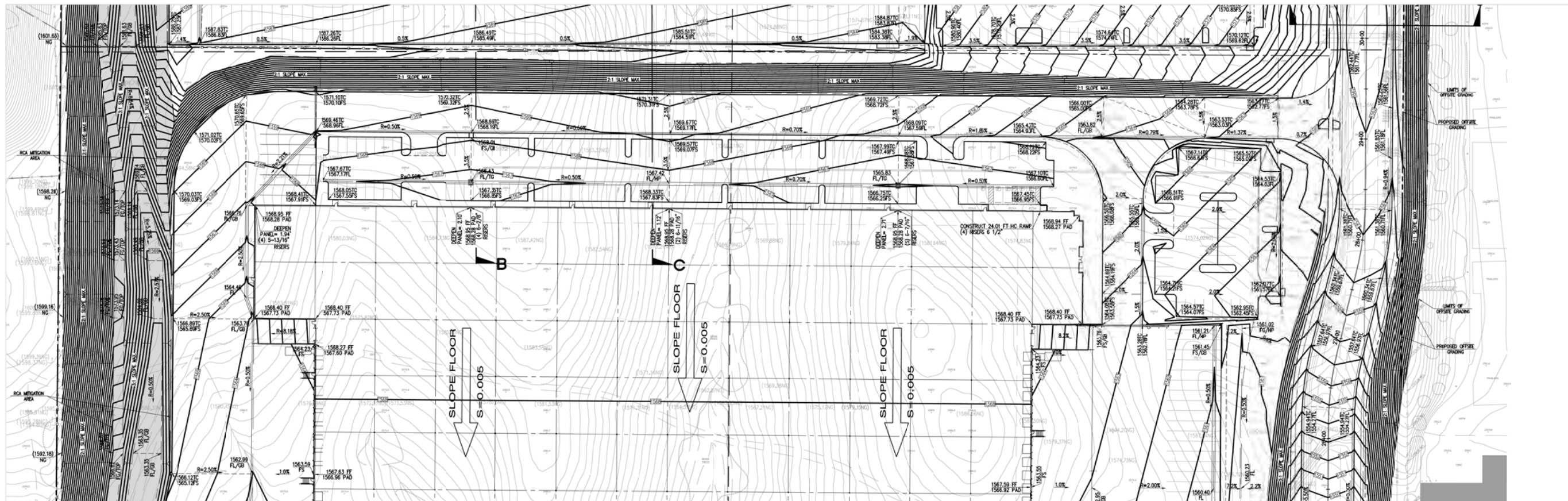
TEI Thienes Engineering, Inc.
 CIVIL ENGINEERING - LAND SURVEYING
 14348 FIRESTONE BOLLINGWOOD
 LA BREA, CALIFORNIA 90008
 PH: (714)821-4811 FAX: (714)821-4171

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 _____ S.C.E. XXXXX
Designed by _____	
Date _____	
Checked by _____	
Date _____	
Sheet 2 of 6 Sheets	

3261/2 OF 6 SHEET

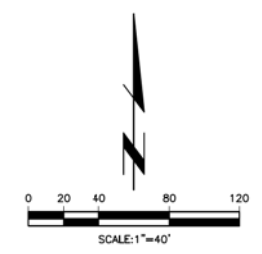
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FOR BUILDING 2 - SEE SHEET 4



MATCH LINE SEE SHEET 2

ATTACHMENT 3



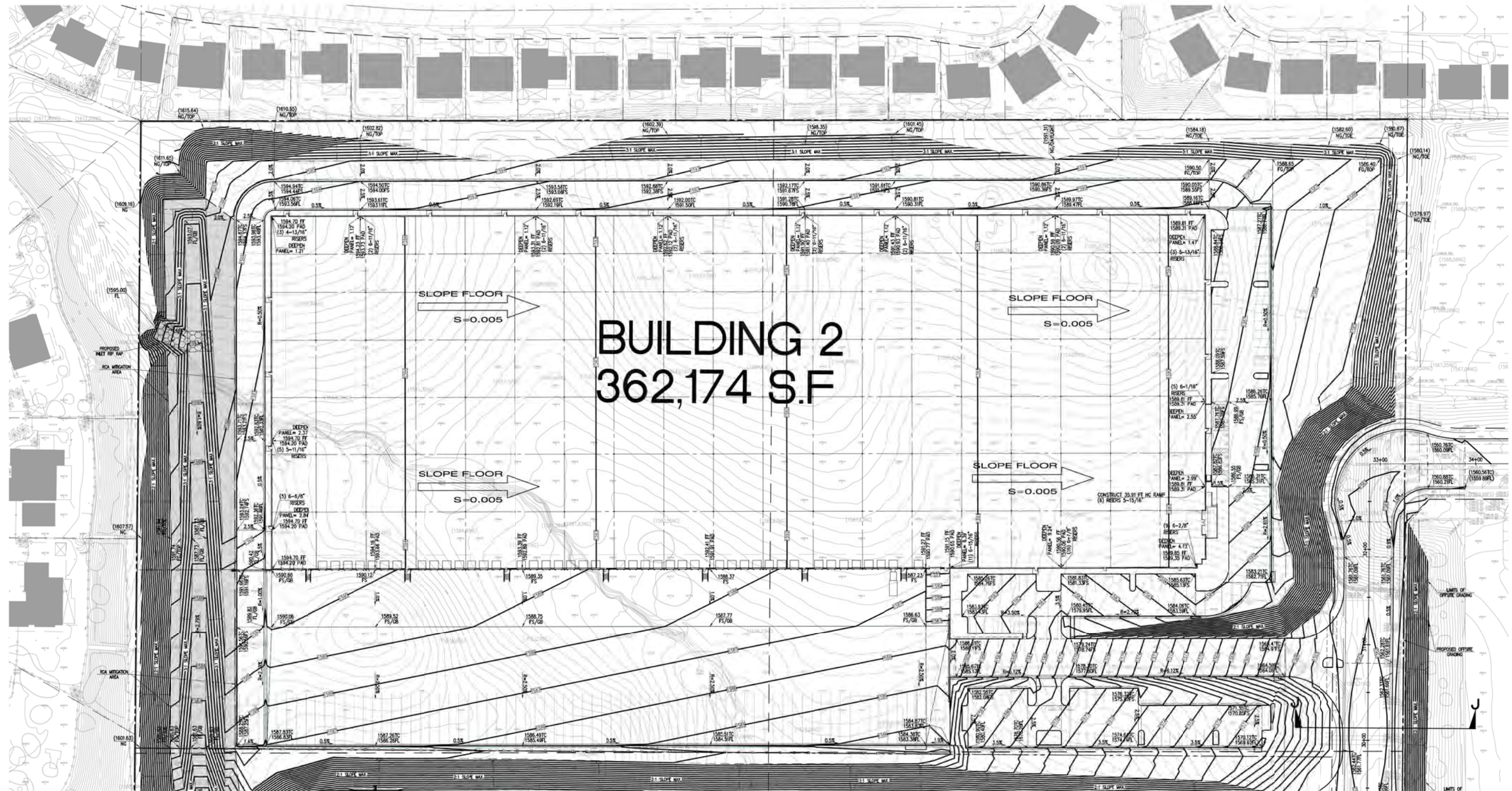
CITY OF RIVERSIDE PUBLIC WORKS DEPARTMENT	
CONCEPTUAL GRADING PLAN SYCAMORE V LANCE DRIVE BUILDING 1	
Designed by _____ Date _____ Checked by _____ Date _____ Designed by _____ Date _____ Checked by _____ Date _____	Approved by _____ Date _____ Public Works Director R.C.E. XXXXX Sheet 3 of 6 Sheets

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3261/3 OF 6 SHEET

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 _____ Date _____ Checked by _____ Date _____ Designed by _____ Date _____ Checked by _____ Date _____	Approved by _____ Date _____ Public Works Director S.C.E. XXXXX
Sheet 4 of 6 Sheets	

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