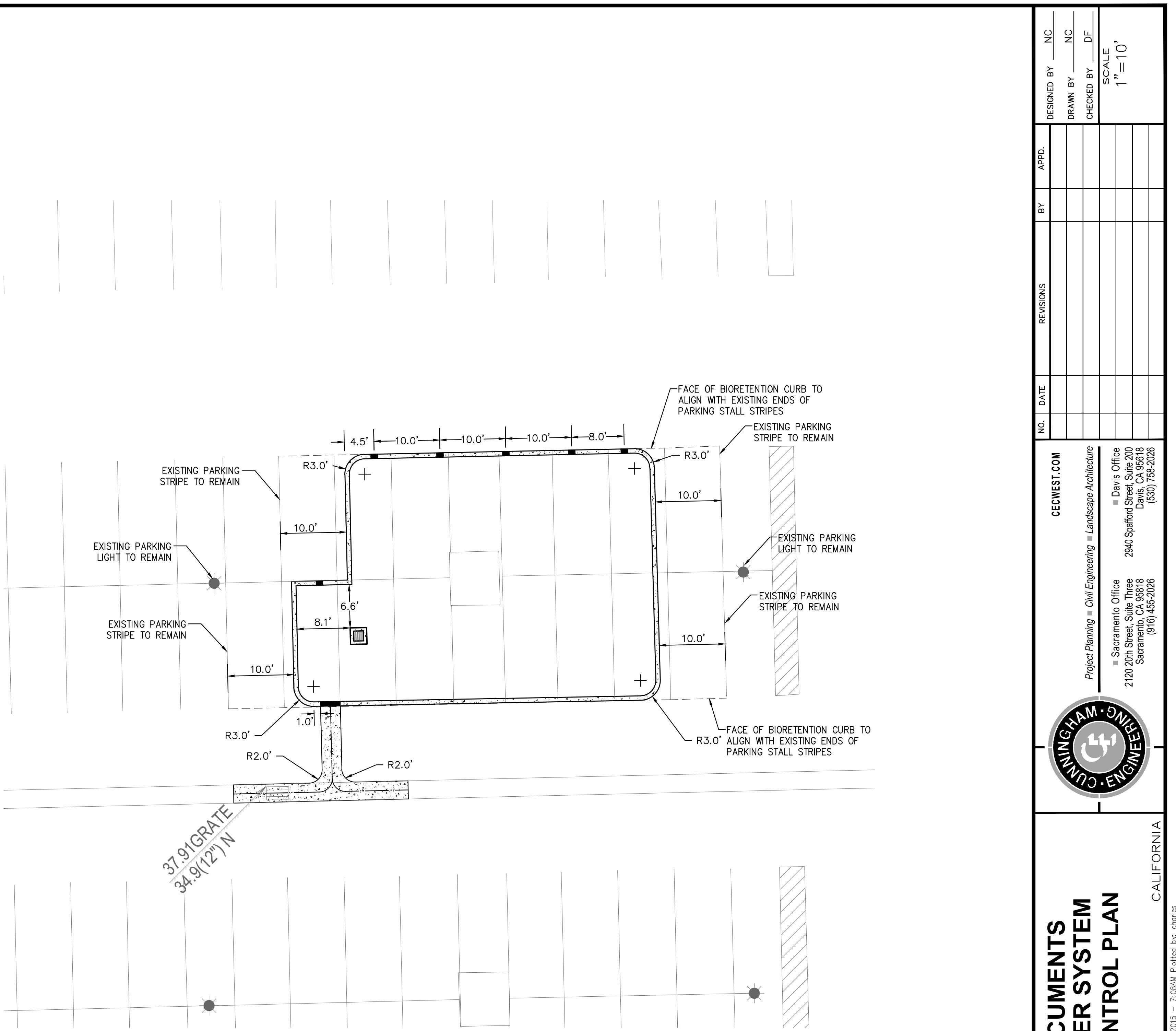
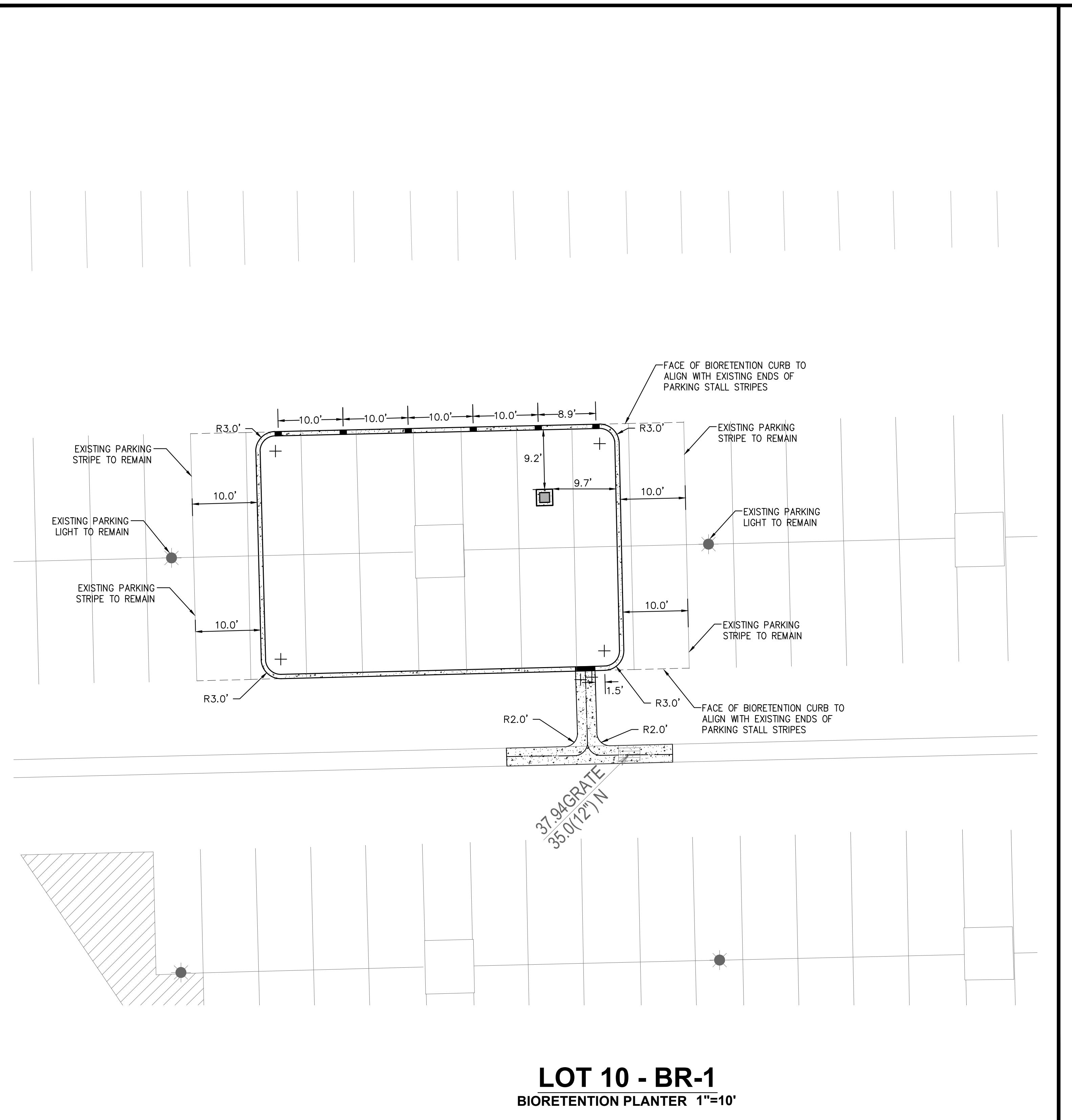


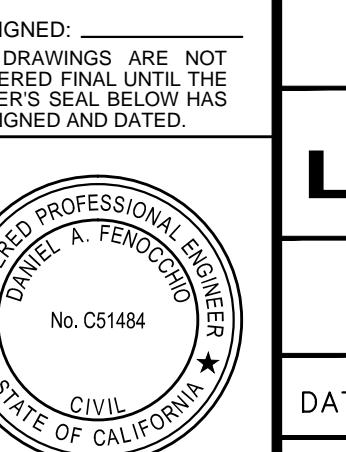
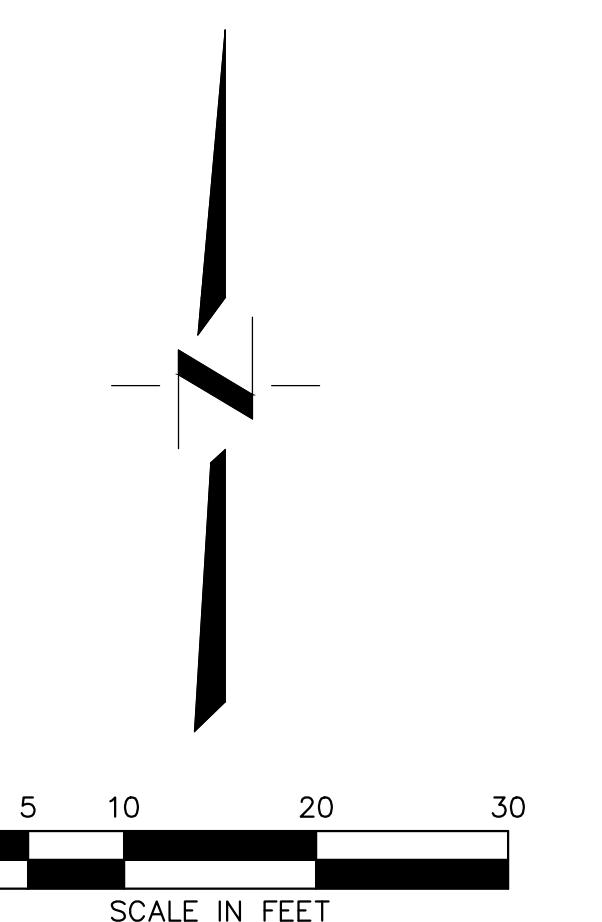
CONSTRUCTION DOCUMENTS		CECWEST.COM	
CSUS LID STORMWATER SYSTEM		Project Planning ■ Civil Engineering ■ Landscape Architecture	
LOT 10 SITE PLAN		Davis Office ■ Sacramento Office ■ 2940 Stafford Street, Suite Three Davis, CA 95616 (916) 455-2026	
CALIFORNIA STATE UNIVERSITY, SACRAMENTO		2120 20th Street, Suite Three Sacramento, CA 95816 (916) 455-2026	
SHEET L 10-C1 OF 7		DATE SIGNED: THESE DRAWINGS ARE NOT CONSIDERED FINAL UNTIL THE ENGINEER'S SEAL BELOW HAS BEEN SIGNED AND DATED.	
		 REGISTERED PROFESSIONAL ENGINEERS STATE OF CALIFORNIA No. CS1484 CIVIL	
DATE: 4/24/2015		JOB NO: 1432.01	
NO.	DATE	REVISIONS	BY
			APPD.
DESIGNED BY	NC	DRAWN BY	NC
CHECKED BY	DF	SCALE	
1" = 20'			

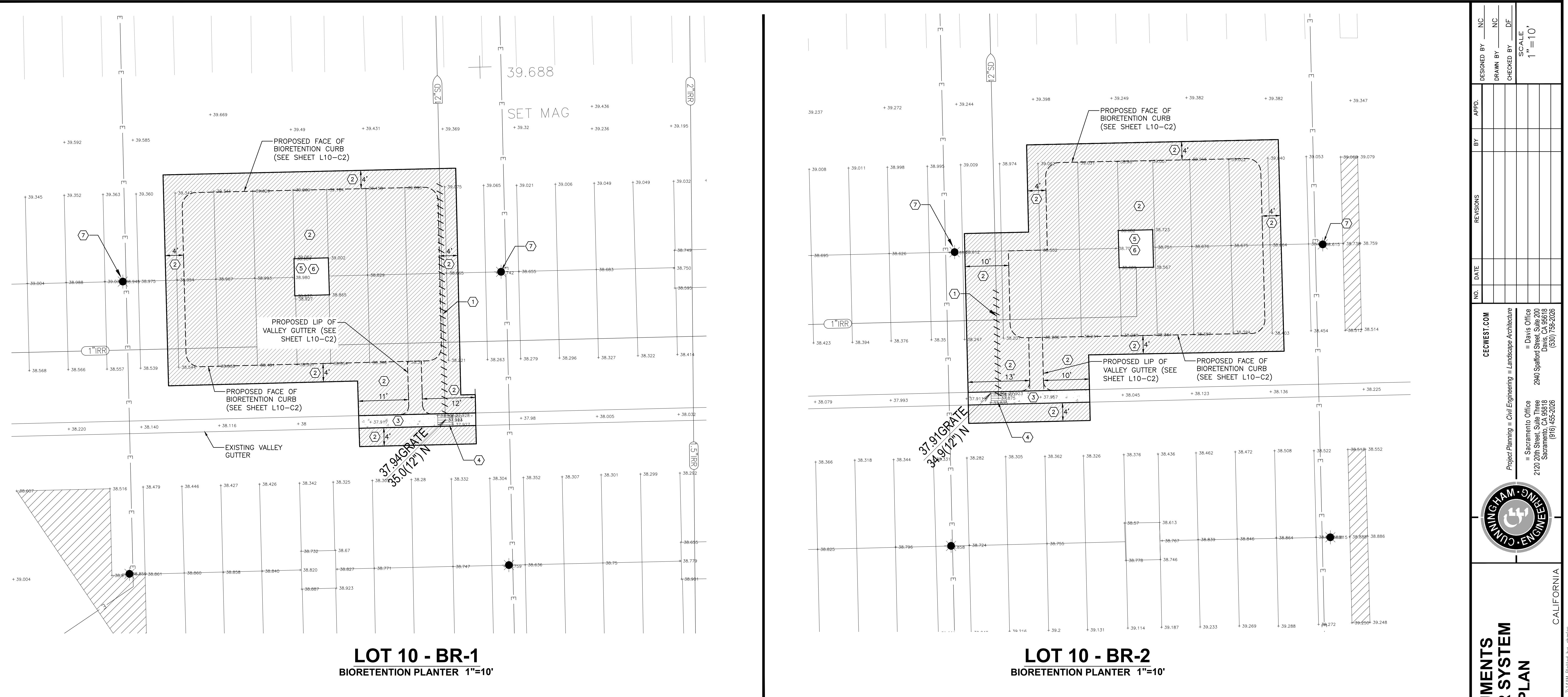


NOTES

1. REFER TO SHEET L10-C1 FOR SITE CONTROL.
2. LOT 10 BMP CONTROLS ARE BASED ON DIMENSIONS FROM EXISTING PAVEMENT MARKINGS, AS SHOWN.

CONSTRUCTION DOCUMENTS		CECWEST.COM		NO. DATE		REVISIONS		BY		APPD.		DESIGNED BY		DRAWN BY		CHECKED BY		SCALE	
Project Planning	Civil Engineering	Landscape Architecture																	
■ Sacramento Office	■ Davis Office	■ Landscape Architecture	2940 Stafford Street, Suite Three	2120 20th Street, Suite 200															
2120 20th Street, Suite Three	Davis Office, Suite 200		(916) 455-2026	(530) 756-2026															
CUNNINGHAM ENGINEERING																			
CONSTRUCTION DOCUMENTS																			
CSUS LID STORMWATER SYSTEM																			
LOT 10 HORIZONTAL CONTROL PLAN																			
CALIFORNIA STATE UNIVERSITY, SACRAMENTO																			
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DATE SIGNED: THESE DRAWINGS ARE NOT CONSIDERED FINAL UNTIL THE ENGINEER'S SEAL BELOW HAS BEEN SIGNED AND DATED.																			
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JOB NO: 1432.01																			





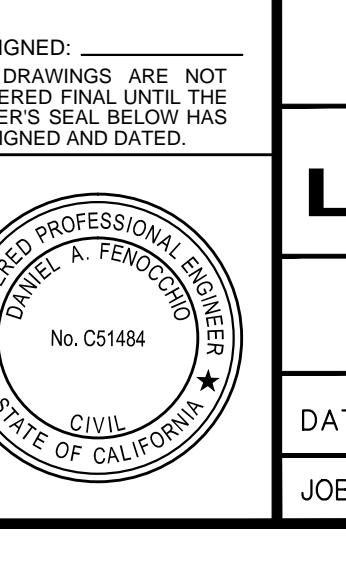
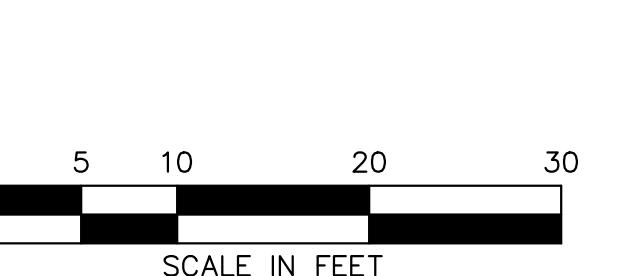
**CONSTRUCTION DOCUMENTS
CSUS LID STORMWATER SYSTEM
LOT 10 DEMOLITION PLAN**

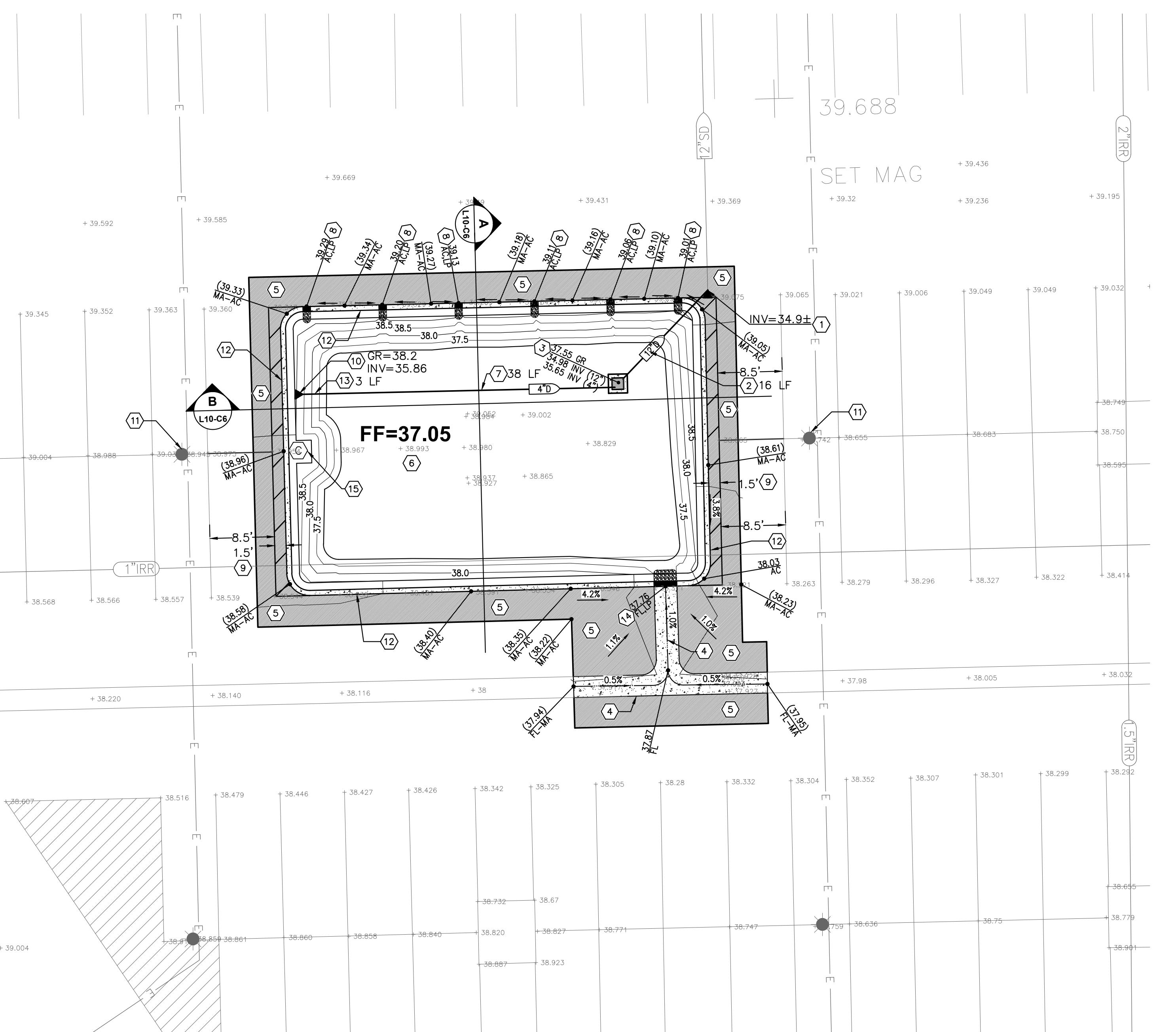
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SHEET	
L 10-C3	OF
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DATE: 4/24/2015	
JOB NO: 1432.01	

REGISTERED PROFESSIONAL ENGINEER
No. C51484
CIVIL
STATE OF CALIFORNIA

DESIGNED BY	NC
DRAWN BY	NC
CHECKED BY	DF
SCALE	1"=10'
CECWEST.COM	Project Planning Civil Engineering Landscape Architecture
Davis Office 2940 Stafford Street, Suite 200 Sacramento, CA 95816 (916) 455-2026	
Sacramento Office 2120 20th Street, Suite Three Sacramento, CA 95816 (916) 455-2026	

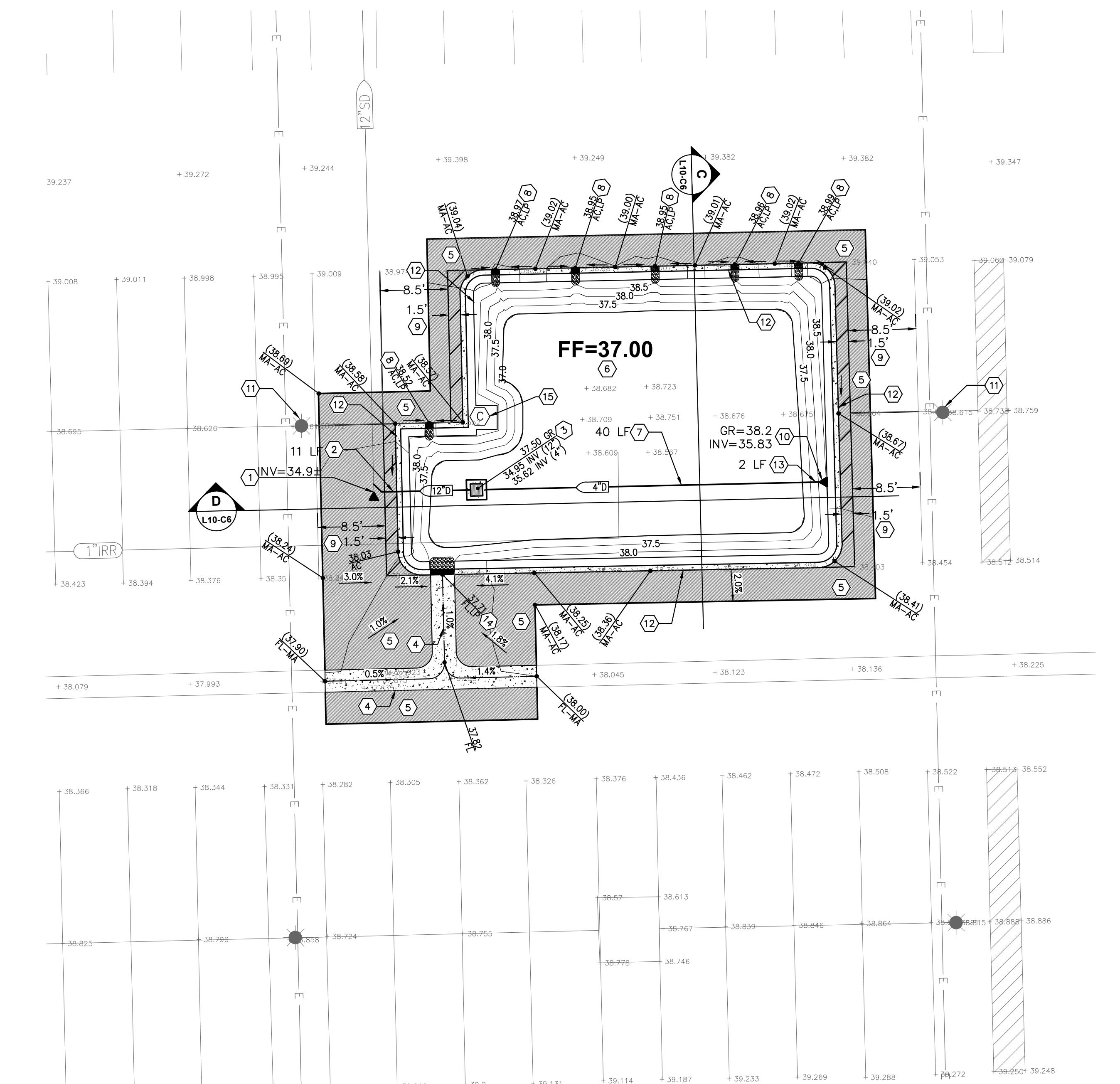




LOT 10 - BR-1
BIORETENTION PLANTER 1"=10'

KEYNOTES:

- ① CONTRACTOR SHALL LOCATE EXISTING 12" ACP LINE AND INSTALL CLEANOUT PER DETAIL 4 ON SHEET L10-C7. CONTRACTOR SHALL FIELD VERIFY EXISTING STORM DRAIN LINE SIZE, LOCATION AND INVERT PRIOR TO CONSTRUCTION. CONTACT DESIGN ENGINEER IF ACTUAL FIELD CONDITIONS VARY FROM INFORMATION SHOWN ON PLAN.
- ② INSTALL 12" PVC STORM DRAIN PIPE @ S=0.005. LENGTH PER PLAN.
- ③ INSTALL NEW BIORETENTION DRAIN INLET PER DETAIL 1 ON SHEET L10-C7.
- ④ INSTALL NEW VALLEY GUTTER PER DETAIL 2 ON SHEET L10-C7.
- ⑤ INSTALL A.C. PAVEMENT. NEW PAVEMENT SECTION TO MATCH EXISTING (MINIMUM 4" A.C. OVER 8" A.B. OVER COMPACTED SUBGRADE).
- ⑥ CONSTRUCT BIORETENTION AREA PER SECTIONS AND DETAILS.
- ⑦ INSTALL 4" PERFORATED HDPE STORM DRAIN PIPE SURROUNDED IN 6" (MINIMUM) GRAVEL @ S=0.005. LENGTH PER PLAN.
- ⑧ INSTALL 12" WIDE BIORETENTION CURB OPENING PER DETAIL 3 ON SHEET L10-C7.
- ⑨ PLACE NEW PAVEMENT MARKING. PROVIDE 4" WHITE HATCH LINES SPACED 3' ON CENTER WITH A 4" WHITE BORDER.
- ⑩ INSTALL STORM DRAIN CLEANOUT PER DETAIL 4 ON SHEET L10-C7.
- ⑪ EXISTING LIGHT TO REMAIN. CONTRACTOR SHALL PROTECT DURING CONSTRUCTION.
- ⑫ INSTALL BIORETENTION PLANTER CURB PER DETAIL 5 ON SHEET L10-C7.
- ⑬ INSTALL 4" HDPE STORM DRAIN PIPE @ S=0.005. LENGTH PER PLAN.
- ⑭ INSTALL 36" WIDE BIORETENTION CURB OPENING PER DETAIL 3 ON SHEET L10-C7.
- ⑮ IRRIGATION CONTROLLER - SEE LANDSCAPE PLANS. PROVIDE A 3' X 3' LEVEL AREA.



LOT 10 - BR-2
BIORETENTION PLANTER 1"=10'

NOTES:

1. CONTRACTOR SHALL ADJUST ALL EXISTING UTILITY STRUCTURES (SHOWN AND NOT SHOWN) TO FINAL GRADE. CONTRACTOR SHALL PERFORM SITE WALK PRIOR TO CONSTRUCTION TO VERIFY ALL EXISTING UTILITY STRUCTURE LOCATIONS. COST OF UTILITY STRUCTURE ADJUSTMENT SHALL BE INCLUDED IN BASE BID.
2. THE TYPES, LOCATIONS, SIZES AND/OR DEPTHS OF EXISTING UTILITIES SHOWN ON THESE PLANS WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. THE CONTRACTOR IS CAUTIONED THAT ONLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZE, LOCATION AND DEPTH OF SUCH UNDERGROUND FACILITIES. HOWEVER, THE ENGINEER CAN ASSUME NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF ITS DELINEATION OF SUCH UNDERGROUND FACILITIES NOR FOR THE EXISTENCE OF OTHER BURIED OBJECTS WHICH ARE NOT SHOWN ON THESE PLANS. IF NO ELEVATION IS SHOWN ON THE PLANS THE CONTRACTOR SHALL ASSUME THE ELEVATION IS UNKNOWN.
3. LIMITS OF A.C. PAVEMENT REMOVAL AND REPLACEMENT SHOWN ON THESE PLANS ARE APPROXIMATE. CONTRACTOR SHALL CONFIRM EXISTING MATCH GRADES AND EXTEND LIMITS OF REMOVAL AND REPLACEMENT AS NEEDED BASED ON ACTUAL FIELD CONDITIONS IN ORDER TO PROVIDE POSITIVE DRAINAGE TOWARDS BMP AREAS AT A MINIMUM SLOPE OF 1%.
4. ALL ASPHALT SURFACE REPAIR OVER UTILITY TRENCH IMPROVEMENTS SHALL BE PERFORMED IN ACCORDANCE WITH CITY OF SACRAMENTO STANDARD DWG. NO. T-80 ON SHEET L10-C7.
5. CONTRACTOR SHALL REPLACE ALL EXISTING PAVEMENT MARKINGS DISTURBED DURING CONSTRUCTION IN KIND.



CONSTRUCTION DOCUMENTS CSUS LID STORMWATER SYSTEM LOT 10 IMPROVEMENT PLAN

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						DRAWN BY	NC
						CHECKED BY	DF
						SCALE	1"
						=10'	

Project Planning	Civil Engineering	Landscape Architecture
Sacramento Office	2120 20th Street, Suite Three	Davis Office
2120 20th Street, Sacramento, CA 95818	(916) 455-2026	2940 Stafford Street, Suite 200
(916) 455-2016		(530) 756-2026

CUNNINGHAM ENGINEERING

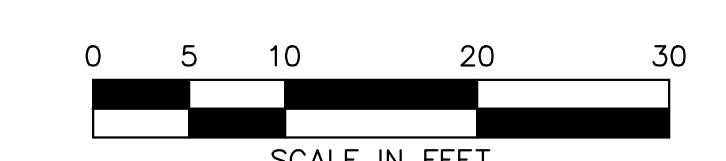
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DATE: 4/24/2015
JOB NO: 1432.01

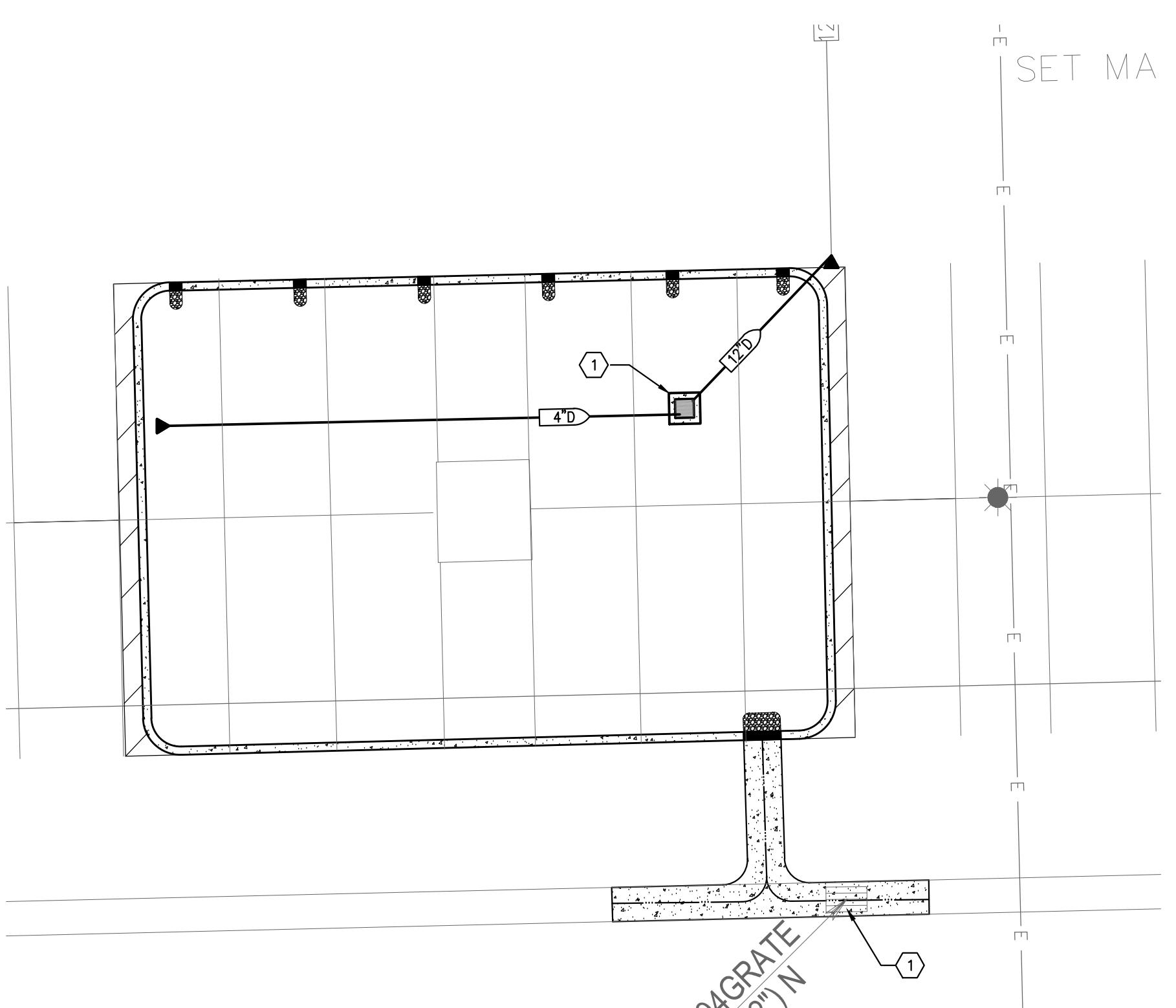
KEYNOTES

① INSTALL STORM DRAIN INLET SEDIMENT CONTROL AND FILTER BAG PER CITY OF SACRAMENTO STANDARD DWG. NOS. Q-20 & Q-30.

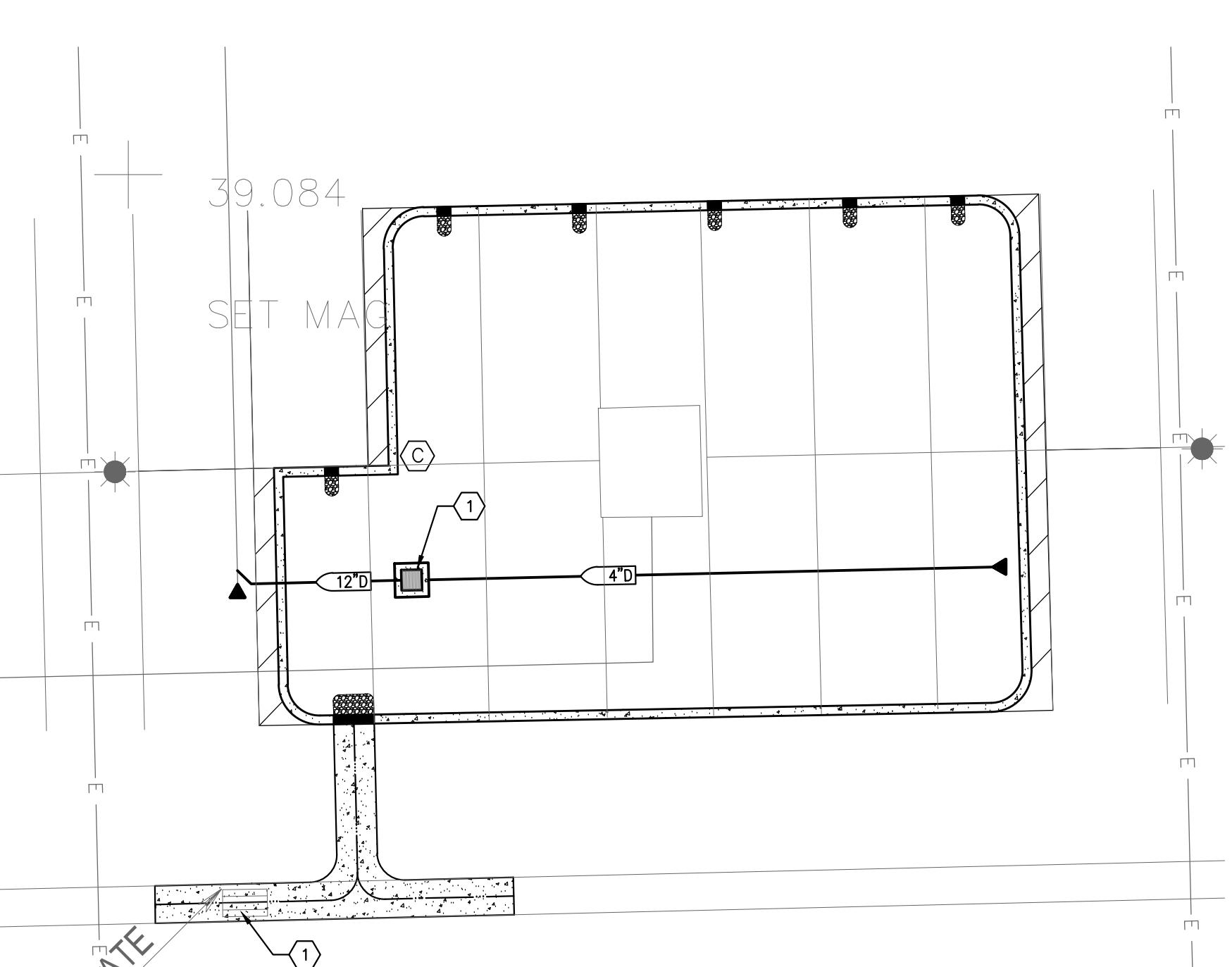


NOTES

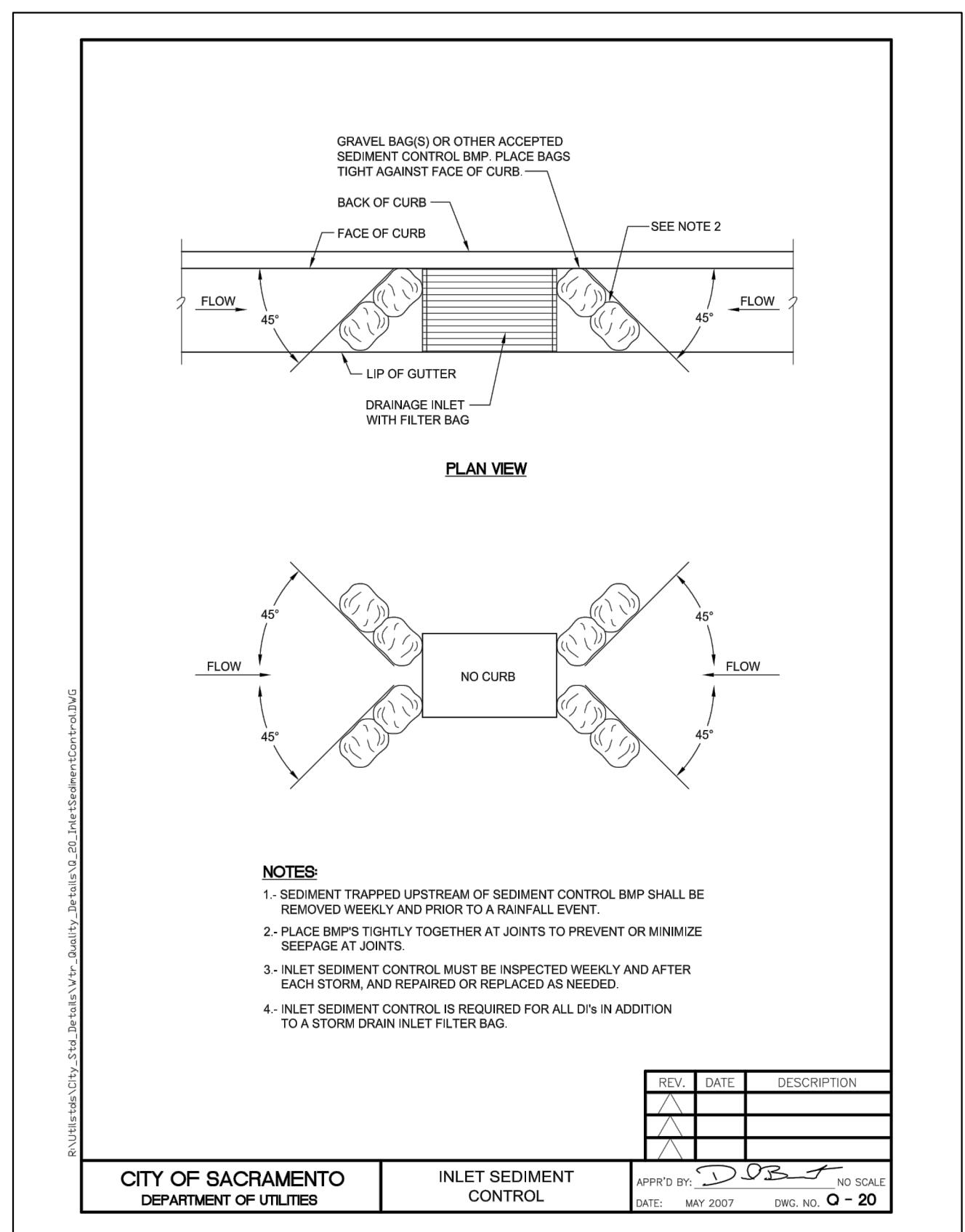
- REFER TO SHEET T-3 FOR EROSION CONTROL NOTES.
- CONTRACTOR SHALL PROVIDE CONCRETE WASHOUT AREA PER CITY OF SACRAMENTO STANDARD DWG. NO. Q-80. CONTRACTOR SHALL COORDINATE LOCATION WITH CSUS REPRESENTATIVE PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL COORDINATE WITH CSUS REPRESENTATIVE FOR MATERIAL STORAGE LOCATION PRIOR TO CONSTRUCTION.



LOT 10 - BR-1
BIORETENTION PLANTER 1"-10"

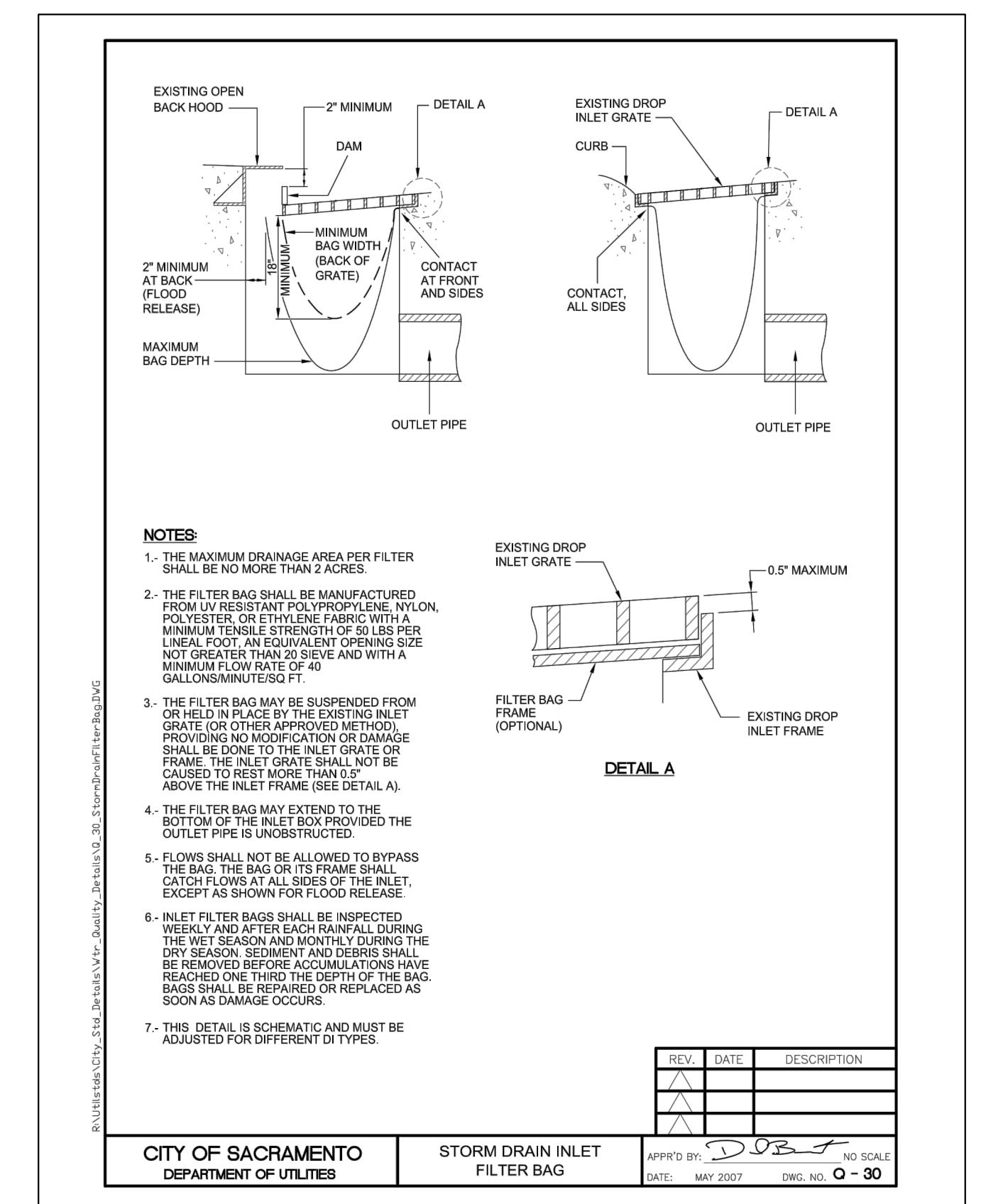


LOT 10 - BR-2
BIORETENTION PLANTER 1"-10"



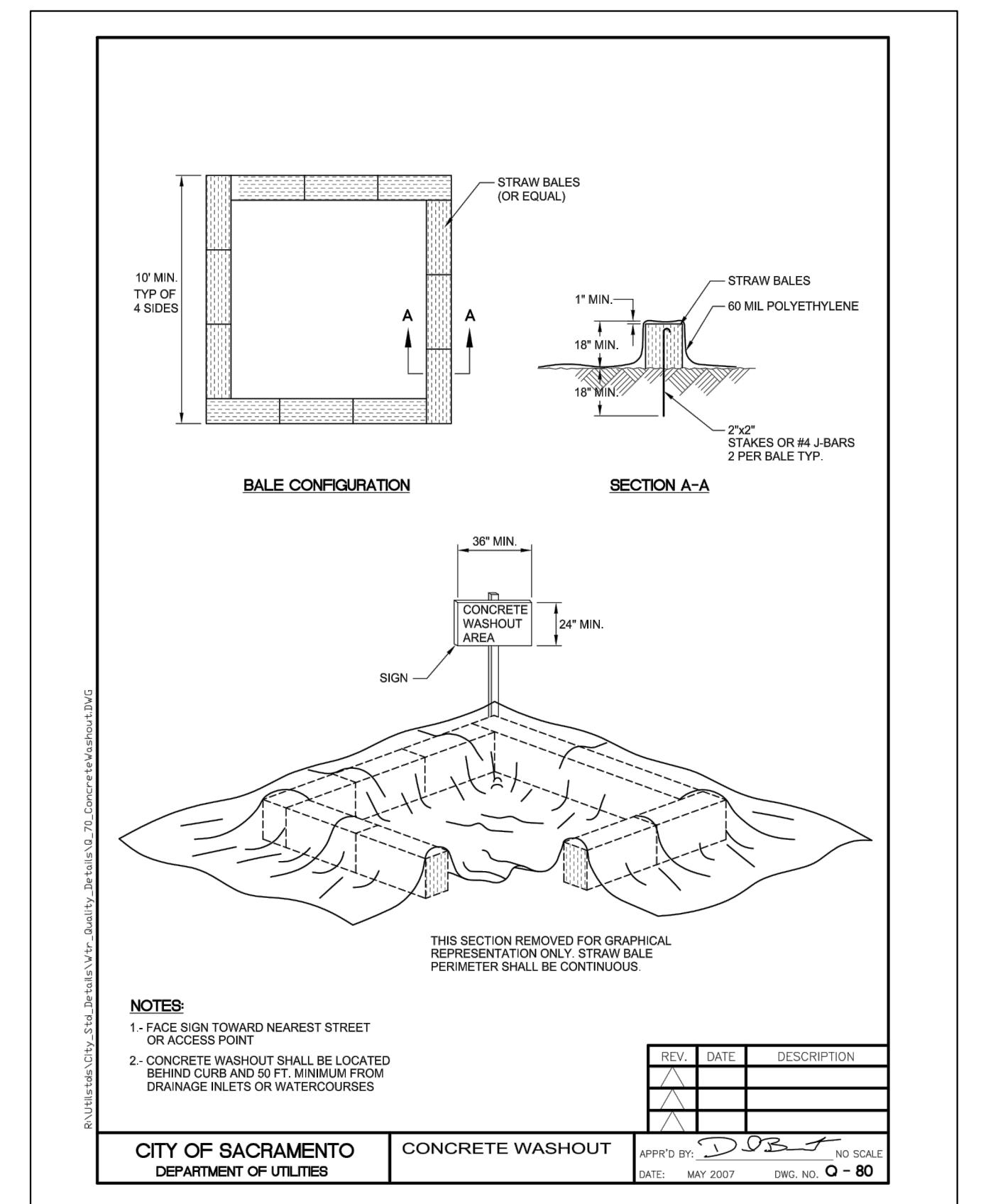
REvised City Std. Detail Ver. Quality Detail No. 20. Stormwater Control

CITY OF SACRAMENTO DEPARTMENT OF UTILITIES INLET SEDIMENT CONTROL APPRO'D BY: [Signature] NO SCALE DATE: MAY 2007 DWG. NO: Q - 20



REvised City Std. Detail Ver. Quality Detail No. 20. Stormwater Control

CITY OF SACRAMENTO DEPARTMENT OF UTILITIES STORM DRAIN INLET FILTER BAG APPRO'D BY: [Signature] NO SCALE DATE: MAY 2007 DWG. NO: Q - 30



REvised City Std. Detail Ver. Quality Detail No. 20. Stormwater Control

CITY OF SACRAMENTO DEPARTMENT OF UTILITIES CONCRETE WASHOUT APPRO'D BY: [Signature] NO SCALE DATE: MAY 2007 DWG. NO: Q - 80

CONSTRUCTION DOCUMENTS CSUS LID STORMWATER SYSTEM LOT 10 EROSION CONTROL PLAN

CUNNINGHAM
ENGINEERING

Project Planning Civil Engineering Landscape Architecture

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Davis Office 2940 Stafford Street, Suite 200 Davis, CA 95616 (510) 756-2026

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No. Date Revisions By App'd. Designed By Drawn By Checked By Scale

1" = 10'

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DATE: 4/24/2015
JOB NO: 1432.01

REGISTERED PROFESSIONAL ENGINEER
No. C51484
CIVIL
STATE OF CALIFORNIA

S Projects N/A01/1432 CSUS - UD Storm Water System AutoCAD 1432-01-Civil DWG Sheet 10 - C5 - Erosion - LOT 10 4/17/2015 - 8:16AM Printed by: Charles

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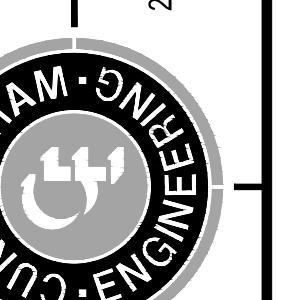
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CALIFORNIA
CONSTRUCTION DOCUMENTS
CSUS LID STORMWATER SYSTEM

LOT 10 SECTIONS

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DATE:

4/24/2015

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1432.01

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NOTES
 1. LIMITS OF ASPHALT REMOVAL AND
 REPLACEMENT SHOWN ON THESE PLANS ARE
 APPROXIMATE. CONTRACTOR SHALL INCREASE
 SAWCUT LIMITS AS REQUIRED TO PROVIDE
 POSITIVE DRAINAGE AT A 1% MINIMUM SLOPE.

DATE SIGNED:
 THESE DRAWINGS ARE NOT
 CONSIDERED FINAL UNTIL THE
 ENGINEER'S SEAL BELOW HAS
 BEEN SIGNED AND DATED.

REGISTERED PROFESSIONAL ENGINEER
 No. C51484
 STATE OF CALIFORNIA
 CIVIL

