

# CONSTRUCTION PLANS FOR **THE BOULDERS** **PHASE III**

## UTILITY & PAVING IMPROVEMENTS

CITY OF ALBUQUERQUE  
NEW MEXICO  
FEBRUARY 2014 / July 2019 Re-issuance

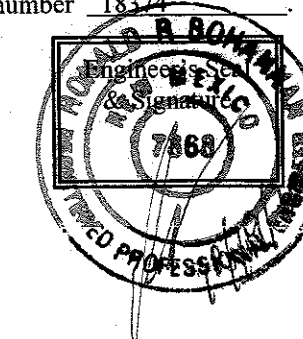
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22. TRACT 6A DETENTION POND

#### CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Ronald R. Bohannon, of the firm of Tierra West LLC, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me, or personnel under my direction with survey information provided by Brian Martinez, of Cartesian Surveys, Inc., NMPS number 18374.



APPROVED RECORD DRAWINGS	
City Inspector	Tim Sims
Contractor	Franklins Earthmoving, Inc.
Construction Engineer	David Bishop
Date	11/8/2021

#### UTILITY CONTACT INFORMATION

ROBERT MARTINEZ-COMCAST  
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ROBERT.MARTINEZ@CABLE.COMCAST.COM

TONY MACHAC-PNM ELECTRIC  
241-3404  
TONY.MACHAC@PNM.COM

JOE HERRERA-NEW MEXICO GAS COMPANY  
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JOE.HERRERA@NMGC.COM

ROSA KNIFFIN-QWEST  
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JEREMY HOOVER-ALBUQUERQUE BERNALILLO COUNTY  
WATER UTILITY AUTHORITY  
768-2598  
NHOOVER@ABCWUA.ORG

#### SURVEYOR'S CERTIFICATION


I, BRIAN J. MARTINEZ, A DULY QUALIFIED, REGISTERED, PROFESSIONAL LAND SURVEYOR UNDER THE LAWS OF THE STATE OF NEW MEXICO, DO HEREBY CERTIFY THAT THE 'AS-BUILT' INFORMATION SHOWN ON THESE DRAWINGS WAS OBTAINED FROM FIELD CONSTRUCTION AND 'AS-BUILT' INFORMATION SHOWN ON THESE DRAWINGS WAS ADDED BY ME OR UNDER MY SUPERVISION, AND THAT THIS 'AS-BUILT' INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. CARTESIAN SURVEYS, INC. IS NOT RESPONSIBLE FOR ANY OF THE DESIGN CONCEPTS, CALCULATIONS, ENGINEERING, OR INTENT OF THE RECORD DRAWINGS.

B. J. Martinez 3/5/21

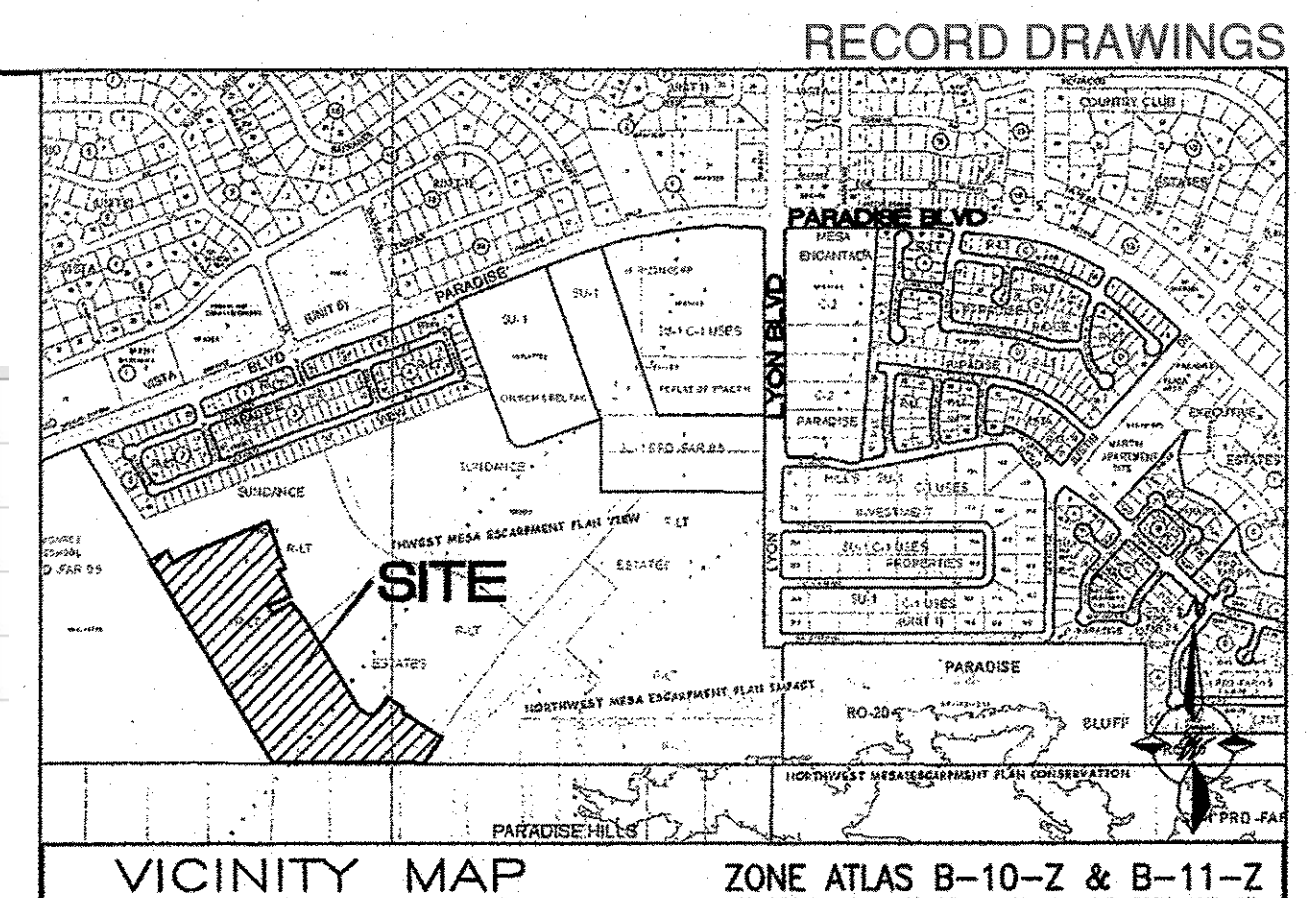


DRB NO 1002632

TIERRA WEST, LLC  
5571 MIDWAY PARK PL NE  
ALBUQUERQUE, NEW MEXICO 87109  
(505)858-3100  
www.tierrawestllc.com

REV	SHEETS	CITY ENGINEER	DATE	USER DEPT.	DATE	USER DEPT.	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS	ENGINEER	DATE	*****		
		DRC Chairman	<i>David Bishop</i>	3-3-14	APPROVED FOR CONSTRUCTION		
		Transportation	<i>Randy Munoz</i>	2/18/14	 6/10/14 City Engineer                      Date		
		Water/Wastewater	<i>David Bishop</i>	2/18/14			
		Hydrology	<i>David Bishop</i>	2/18/14			
		Constr. Mngmt.					
		Constr. Coord.					
CITY PROJECT NO.					SHEET		
761788					1 OF 22		

Elevations are in NGVD 88



#### VICINITY MAP ZONE ATLAS B-10-Z & B-11-Z

#### NOTICE TO CONTRACTORS

- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION (UPDATE #6) TO INCLUDE AMENDMENT #1.
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (280-1990) FOR LOCATION OF EXISTING UTILITIES.
- ANY WORK AFFECTING AN ARTERIAL ROADWAY REQUIRES 24-HOUR CONSTRUCTION.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- SEVEN (7) WORKING DAYS PRIOR TO BEGINNING OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADE PERMIT FROM THE CONST. COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (824-3400) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO STANDARD SPECIFICATIONS.
- ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKINGS BY THE CONTRACTOR TO LOCATION AS EXISTING OR AS INDICATED BY THIS PLAN SET.
- CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE CITY SURVEYOR AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT NOTICE. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS. ANY PERMANENT SURVEY MONUMENT LOCATED WITHIN 50' OF THIS PROJECT THAT IS NOT SHOWN ON THE PLAN AND IS DESTROYED DURING CONSTRUCTION WILL BE REPLACED AT THE DESIGNERS EXPENSE.
- CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY AND ALL GRAFFITI FROM EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
- RCP SHALL BE INSTALLED SO THAT THE JOINT GAP AT THE HOME POSITION SHALL CONFORM TO THE APPROVED MANUFACTURER'S RECOMMENDATIONS. MANUFACTURER'S RECOMMENDED JOINT GAP TOLERANCES FOR EACH PIPE SIZE AND TYPE SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO PLACEMENT OF PIPE. RCP JOINTS SHALL NOT BE GROUTED UNLESS DIRECTED BY THE ENGINEER AFTER CITY APPROVAL.
- TWO-WAY TRAFFIC MUST BE MAINTAINED ON UNSER BLVD. AT ALL TIMES.
- ALL UTILITY WORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH ABCWUA SPECIFICATIONS FOR WATER AND WASTEWATER FACILITIES (MOST RECENT REVISIONS).
- THE CONTRACTOR SHALL COORDINATE WITH THE WATER AUTHORITY SEVEN (7) DAYS IN ADVANCE OF PERFORMING WORK THAT WILL AFFECT THE PUBLIC WATER OR SANITARY SEWER INFRASTRUCTURE. WORK REQUIRING SHUTOFF OF WELL COLLECTORS, TRANSMISSION LINES, OR FACILITIES DESIGNATED AS MASTER PLAN FACILITIES MUST BE COORDINATED WITH THE WATER AUTHORITY 14 DAYS IN ADVANCE OF PERFORMING SUCH WORK. ONLY WATER AUTHORITY CREWS ARE AUTHORIZED TO OPERATE PUBLIC VALVES. SHUTOFF REQUESTS MUST BE MADE ONLINE AT [HTTP://ABCWUA.ORG/CONTENT/VIEW/463/729/](http://abcwua.org/content/view/full/463/729/).
- ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.
- ELECTRONIC MARKER DEVICES (EMD) WILL BE PLACED ACCORDING TO SECTION 170 OF THE COA STANDARD SPECIFICATIONS, AMENDMENT #1 (TO UPDATE #6).
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL CONSTRUCTED SIGNING UNTIL PROJECT HAS BEEN ACCEPTED BY THE COA.
- AN SO 19 PERMIT IS REQUIRED TO PLACE ANY MATERIAL ON OR AROUND A STORM DRAIN INLET IN THE CITY RIGHT-OF-WAY THAT WOULD INTERFERE WITH THE INLET RECEIVING STORM WATER PER THE ENGINEER'S DESIGN. CITY PERSONNEL MAY REMOVE THIS MATERIAL AT ANY TIME WITHOUT NOTICE. THE PREFERRED BMP IS TO REMOVE SEDIMENT/POLLUTANTS ON THE PROPERTY WHERE CONSTRUCTION ACTIVITY IS OCCURRING.

#### THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

- ☒ ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- ☒ BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- ☒ TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE PROJECT ENGINEER.
- ☒ SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- ☒ IF CURB IS DERESSED FOR A DRIVEPAD, THE DRIVEPAD SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.
- ☒ ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.



LINE TABLE		
LINE	BEARING	LENGTH
L32	S31°28'53"E	154.31
L33	S31°28'53"E	324.03
L34	S31°28'53"E	294.60
L35	N35°18'14"W	112.44
L36	S31°28'53"E	119.51
L37	S89°49'55"E	31.53
L38	N0°10'03"E	138.09
L39	S89°49'55"E	150.00
L40	S89°49'55"E	247.20
L41	N58°31'07"E	40.55
L42	N69°20'22"E	164.67
L43	N69°20'22"E	222.77

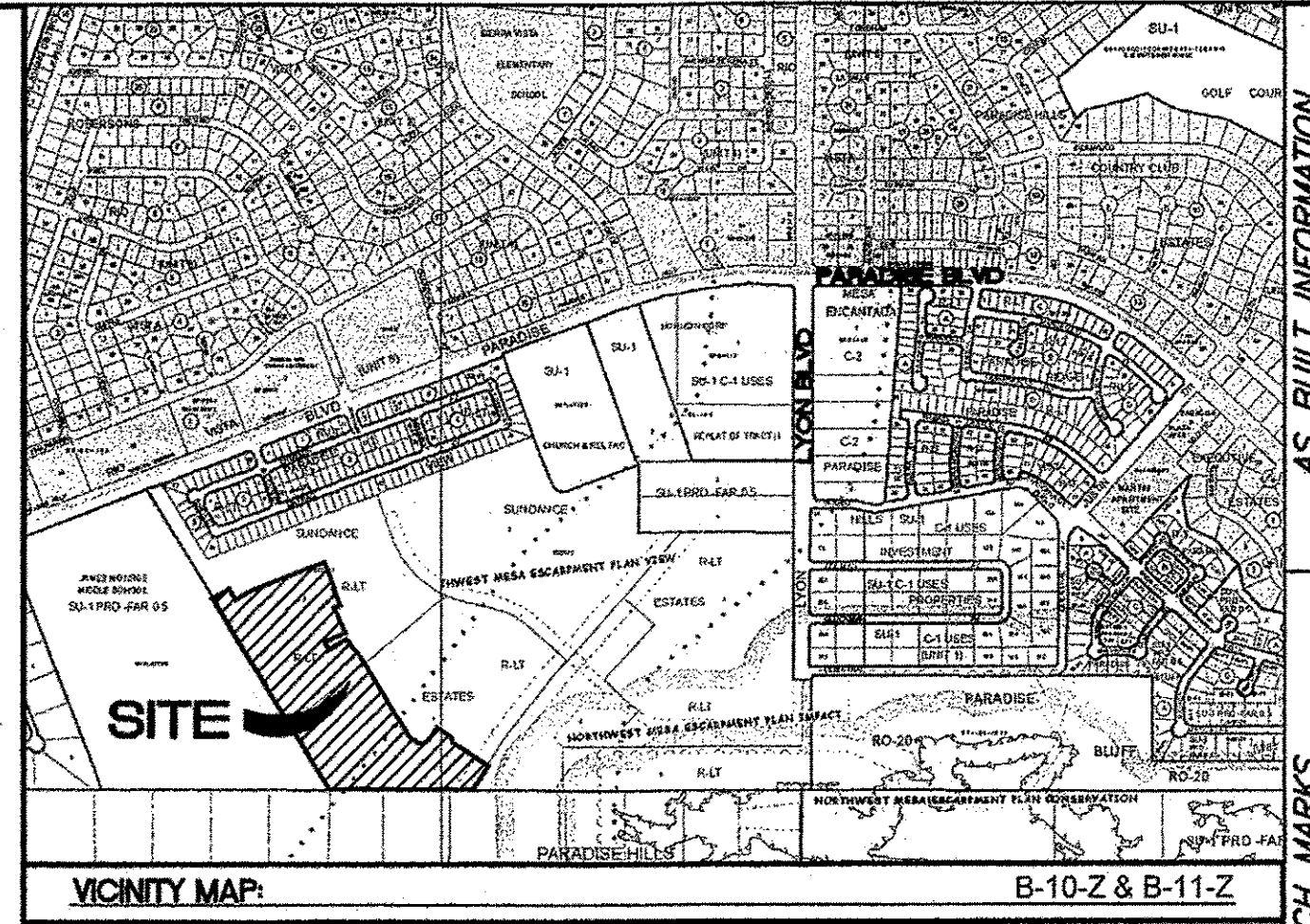
LINE TABLE		
LINE	BEARING	LENGTH
L44	S20°39'38"E	30.75
L45	S31°28'53"E	190.97
L46	S35°44'11"E	174.18
L47	S31°28'53"E	13.75
L48	S31°28'53"E	356.52
L49	S0°10'05"W	79.33
L51	N58°31'07"E	132.08
L52	N58°31'07"E	256.00
L54	N41°46'04"E	31.08
L55	N41°56'40"E	1570.71

CURVE TABLE			
CURVE	DELTA	RADIUS	LENGTH
C3	10°49'15"	250.00	47.21
C43	3°49'21"	500.00	33.36
C44	58°21'01"	100.00	101.84
C45	57°26'50"	100.00	100.26
C46	1°02'56"	5340.99	97.76
C47	10°49'15"	350.00	66.10
C48	10°49'15"	350.00	66.10
C49	8°27'45"	500.00	73.85
C50	4°12'27"	150.00	11.02
C51	31°38'59"	150.00	82.86
C52	90°25'10"	20.00	31.56
C53	88°06'44"	20.17	31.02
C54	90°00'00"	20.00	31.42
C55	90°00'00"	20.00	31.42
C56	3°30'20"	750.00	45.89

CURVE TABLE			
CURVE	DELTA	RADIUS	LENGTH
C57	4°15'18"	150.00	11.14
C58	88°56'42"	20.00	31.05
C59	90°00'02"	20.00	31.42
C60	90°00'00"	20.00	31.42
C61	90°00'00"	20.00	31.42
C62	89°10'01"	20.00	31.13
C63	90°11'25"	20.00	31.48
C64	90°00'00"	20.00	31.42
C65	85°48'42"	20.00	29.95
C66	85°45'16"	20.00	29.93
C67	90°00'00"	20.00	31.42
C72	8°37'54"	5051.00	760.94
C73	8°38'10"	5013.00	755.60
C76	10°32'48"	5000.00	920.38

LEGEND

- EXISTING CURB & GUTTER
- STANDARD CURB & GUTTER
- BOUNDARY LINE
- EXISTING BOUNDARY LINE
- CENTERLINE
- RIGHT-OF-WAY
- LOT LINES
- EXISTING SIDEWALK
- PROPOSED SIDEWALK
- SIDEWALK TO BE DEFERRED
- EXISTING PAVED TRAIL
- PAVED TRAIL
- PROPOSED RETAINING WALL
- PROPOSED SCREEN WALL
- STREET LIGHTS (7)



**NOTE**  
SECTION A-A AS APPLIED TO PUMMICE RIDGE RD HAS NO CROWN TRANSITION SECTIONS AND SHALL BE SUPERELEVATED FROM NORTH (HIGH SIDE) TO SOUTH (LOW SIDE)  
SECTION C-C AS APPLIED TO GLASS ROCK RD HAS NO CROWN TRANSITION SECTIONS AND SHALL BE SUPERELEVATED FROM NORTH (HIGH SIDE) TO SOUTH (LOW SIDE)

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

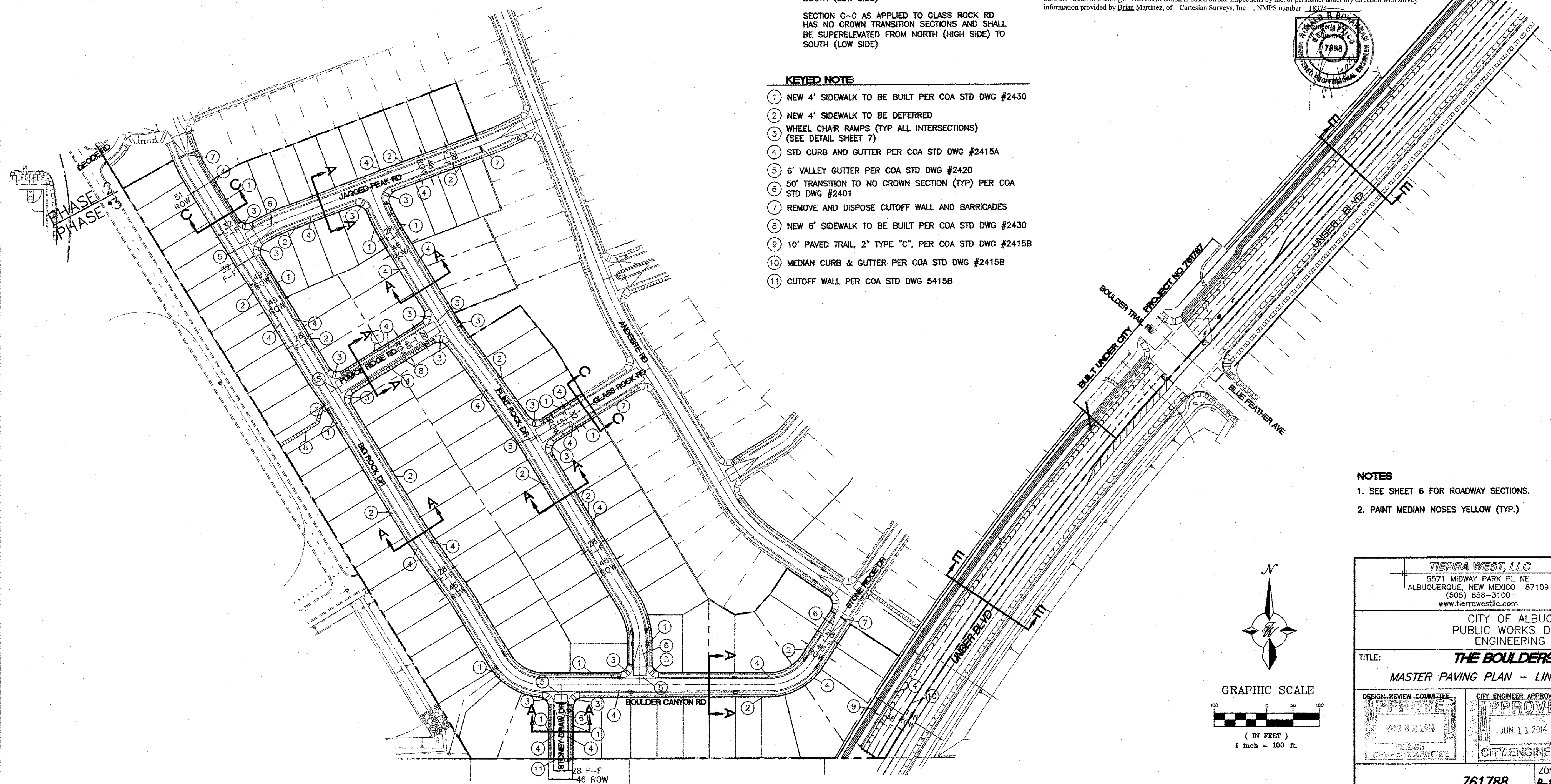
I, Ronald R. Bohannon, of the firm of Tierra West LLC, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me, or personnel under my direction with survey information provided by Brian Martinez, of Cartesian Surveys, Inc., NMPs number 18374.

KEYED NOTE

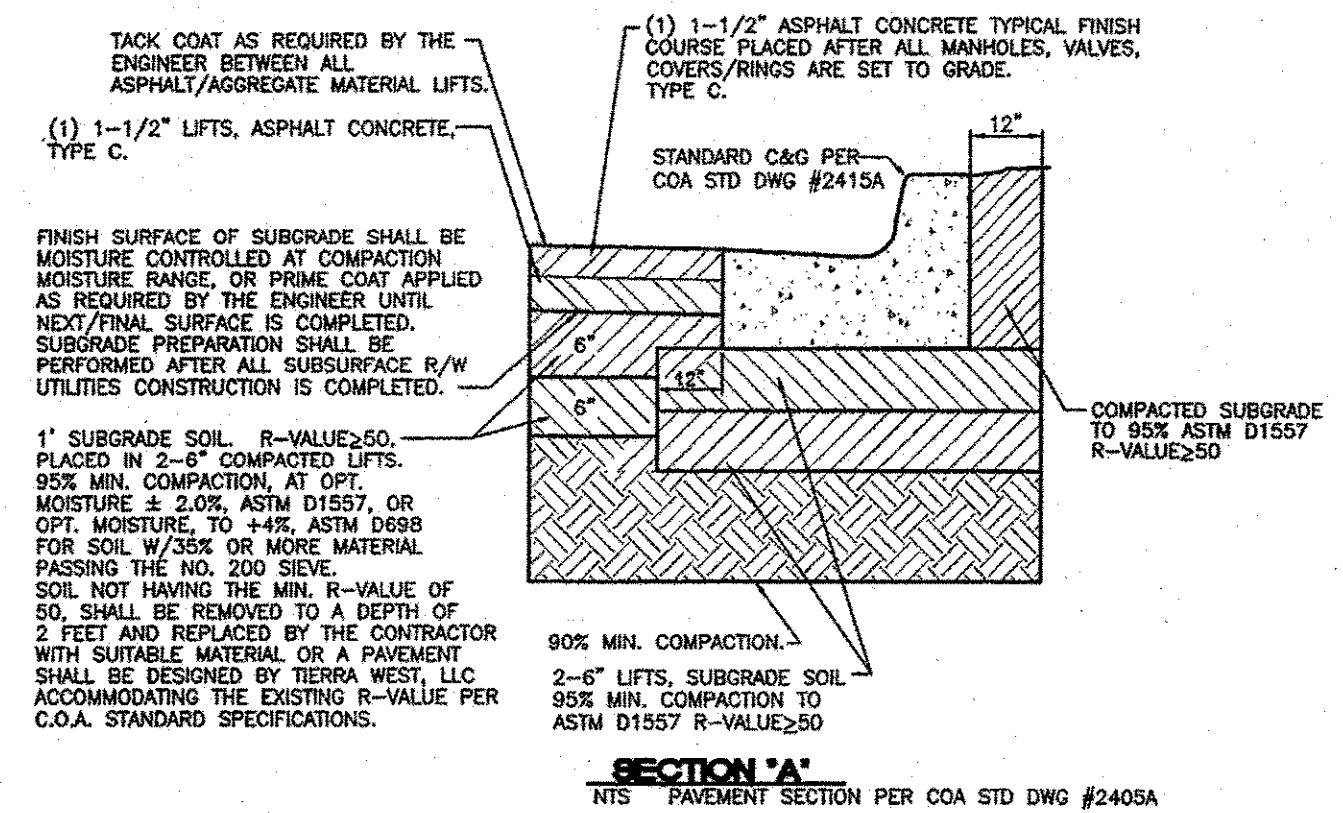
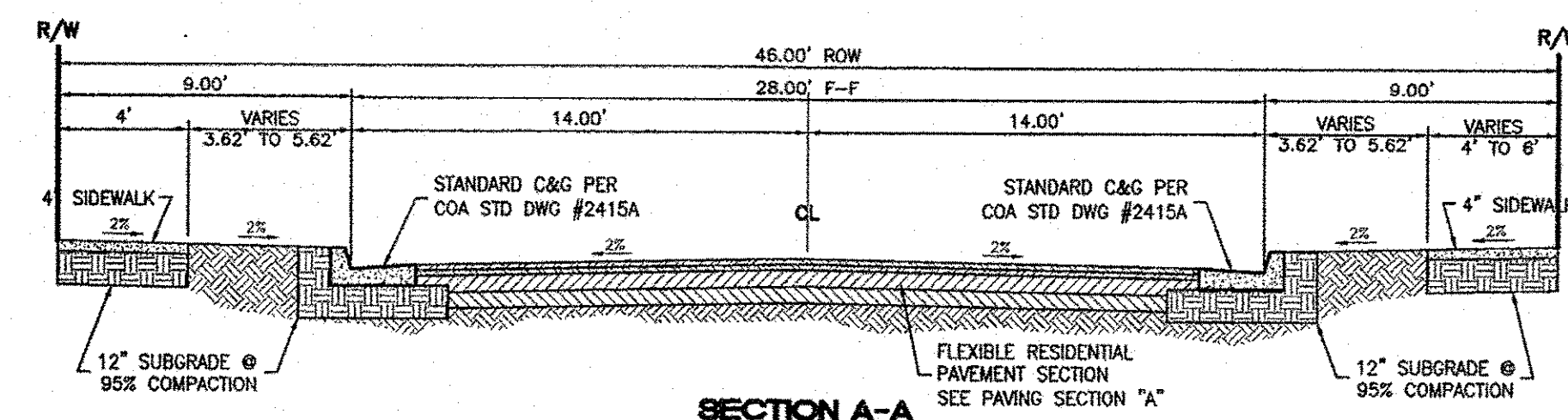
- NEW 4' SIDEWALK TO BE BUILT PER COA STD DWG #2430
- NEW 4' SIDEWALK TO BE DEFERRED
- WHEEL CHAIR RAMPS (TYP ALL INTERSECTIONS) (SEE DETAIL SHEET 7)
- STD CURB AND GUTTER PER COA STD DWG #2415A
- 6' VALLEY GUTTER PER COA STD DWG #2420
- 50' TRANSITION TO NO CROWN SECTION (TYP) PER COA STD DWG #2401
- REMOVE AND DISPOSE CUTOFF WALL AND BARRICADES
- NEW 6' SIDEWALK TO BE BUILT PER COA STD DWG #2430
- 10' PAVED TRAIL, 2" TYPE "C", PER COA STD DWG #2415B
- MEDIAN CURB & GUTTER PER COA STD DWG #2415B
- CUTOFF WALL PER COA STD DWG 5415B

- NOTES**
- SEE SHEET 6 FOR ROADWAY SECTIONS.
  - PAINT MEDIAN NOSES YELLOW (TYP.)

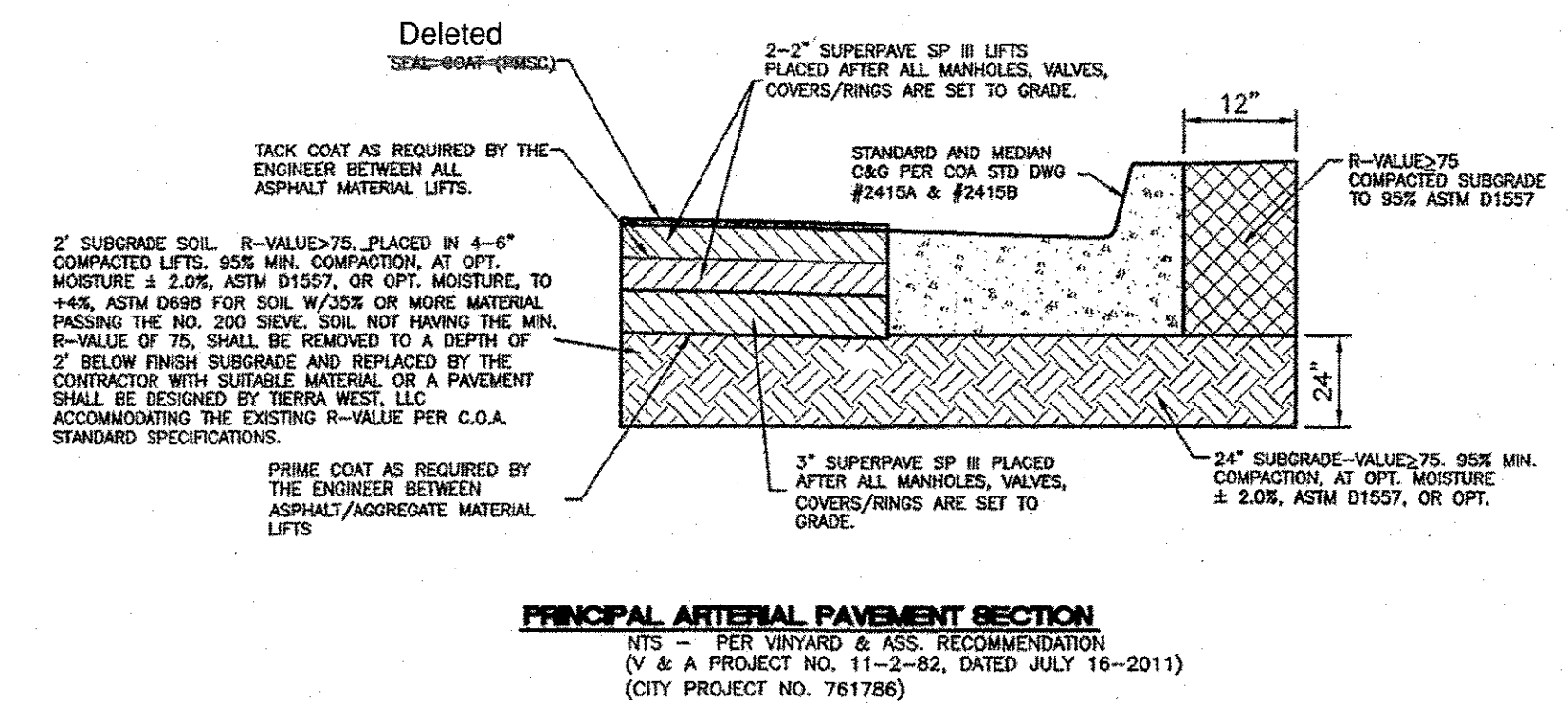
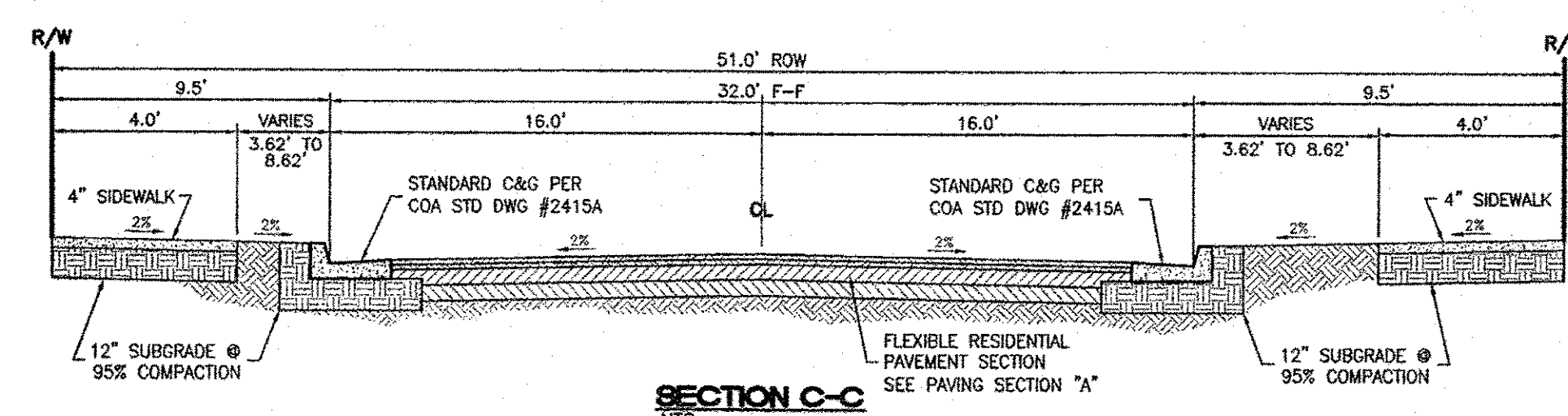
TIERRA WEST, LLC 5571 MIDWAY PARK PL NE ALBUQUERQUE, NEW MEXICO 87109 (505) 858-3100 www.tierrawestllc.com	
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP	
TITLE: <b>THE BOULDERS PHASE 3</b> MASTER PAVING PLAN - LINE AND CURVE TABLES	
DESIGN REVIEW COMMITTEE APPROVE DATE: 6/2/2016 CITY ENGINEER	CITY ENGINEER APPROVAL APPROVE JUN 13 2016 CITY ENGINEER
NO./DAY/YR.	NO./DAY/YR.
SHEET 4 OF 22	





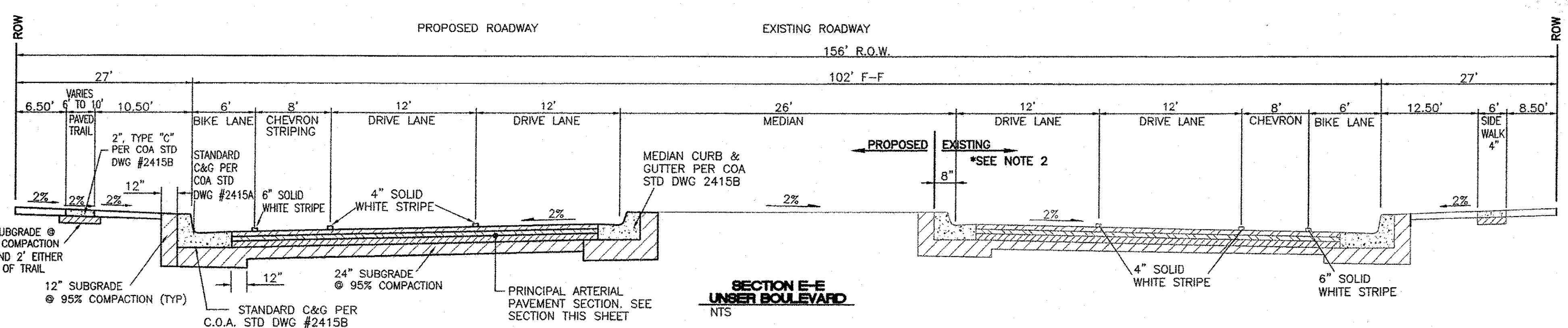
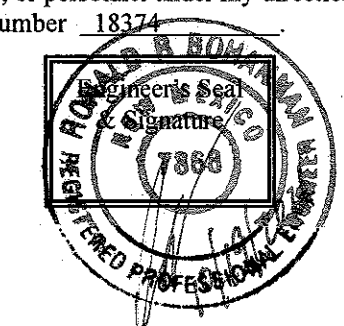


\*\*\*Paving Section Note- North of Boulders Trail - Pavement- Sub grade R-Value 50, 8" Aggregate Base Course, 7" of SP-III\*\*\*  
Per Western Technologies Inc. Alternative Pavement Design-11-19-2020



CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

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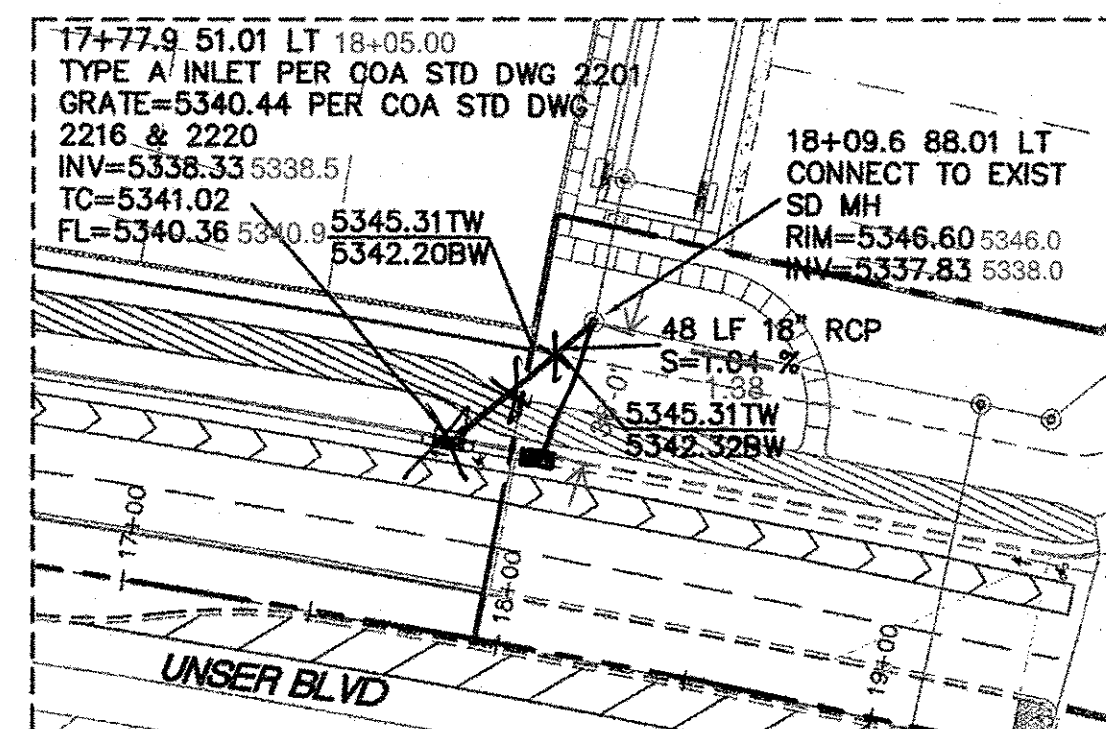
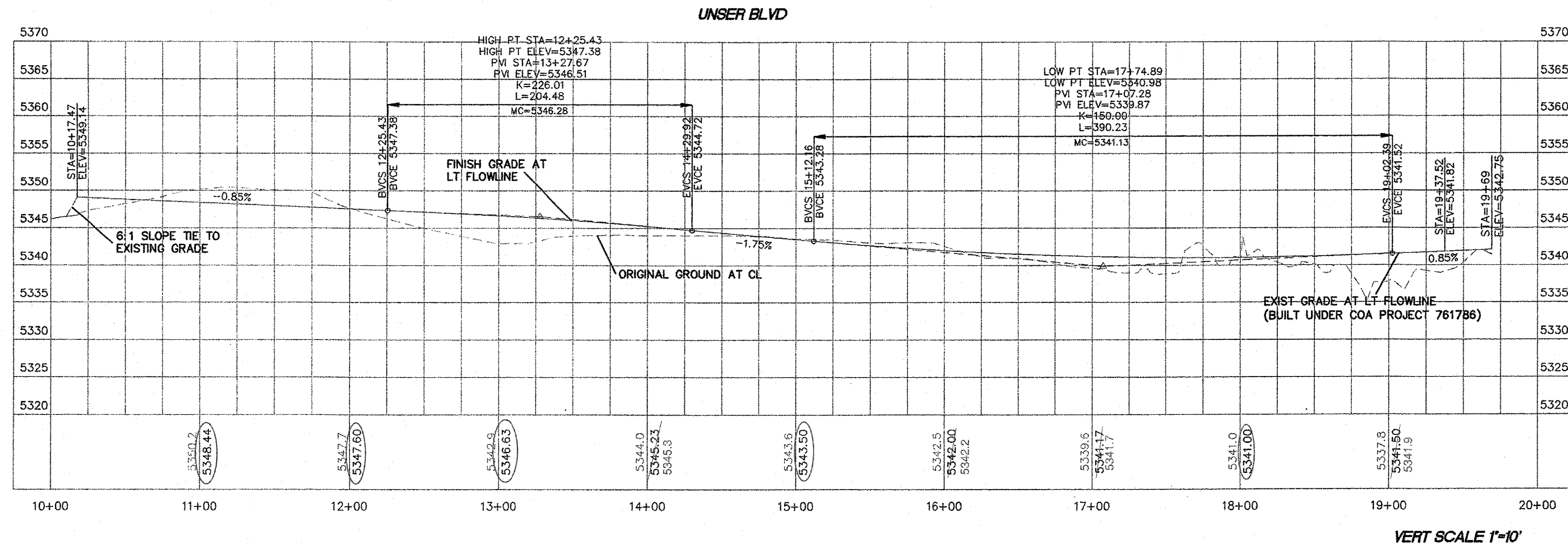
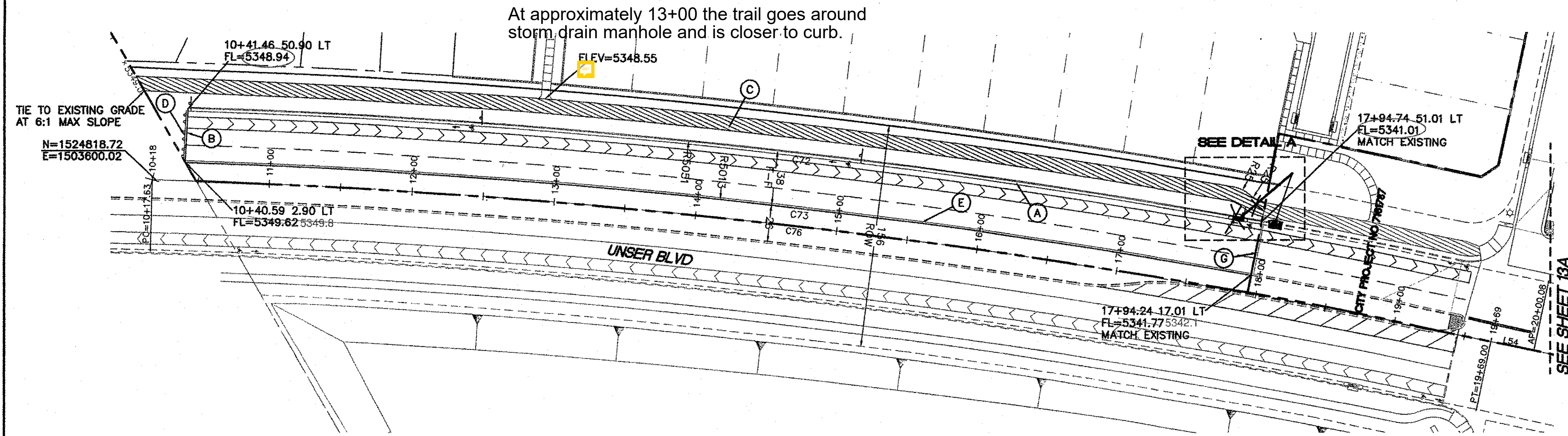


NOTE  
1. SUBGRADE COMPACTION TO EXTEND 1 FOOT PAST FREE EDGES WITHIN THE COA RIGHT-OF-WAY PER SECTION 301  
2. PMSC TO BE CONSTRUCTED WITH THIS PROJECT ON NORTH BOUND LANES FROM BLUE FEATHER AVE TO SOUTH PROPERTY LINE

<b>TIERRA WEST, LLC</b> 5571 MIDWAY PARK PL NE ALBUQUERQUE, NEW MEXICO 87109 (505) 858-3100 www.tierrawestllc.com	
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP	
TITLE: <b>THE BOULDERS PHASE 3</b> <b>PAVING DETAILS AND STREET SECTIONS</b>	
DESIGN REVIEW COMMITTEE APPROVE MAR 3 2014 REVIEW COMMITTEE	CITY ENGINEER APPROVAL APPROVE JUN 1 2014 CITY ENGINEER
DESIGNED BY: VC DRAWN BY: PTH DRAWING NAME: PH3-PAY-DETAILS CHECKED BY: VC	DATE: 2-12-14 DATE: 2-12-14 JOB NO.: 2011005 DATE: 2-12-14
SHEET 6 OF 22 ZONE MAP NO. 8-10-Z & B-11-Z 761788	

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	Franklin's Earthmoving LLC	A.C.S. MONUMENT	"10-B10"	FIELD NOTES	NO.	DATE	BY
WORK	PAVEMENT	STANDARD A.C.S. BRASS TABLET (FOUND IN PLACE)					
INSPECTED BY	CARTESIAN SURVEYS	DATE	06/09/2014				
ACCEPTED BY	CON/Tierra West LLC	DATE	3-9-21				
DESIGNED BY	CARTESIAN SURVEYS	DATE	3-9-21				
DRAWINGS	Tierra West LLC	DATE	3-9-21				
CHECKED BY							
RECORDED BY							
DATE							
NO.							





NOTE  
REMOVE AND REPLACE EXISTING LANDSCAPE GRAVEL, PLANTINGS, IRRIGATION LINES AND LANDSCAPE WALL (S) AS REQUIRED FOR STORM DRAIN CONNECTION TO EXISTING SD MANHOLE

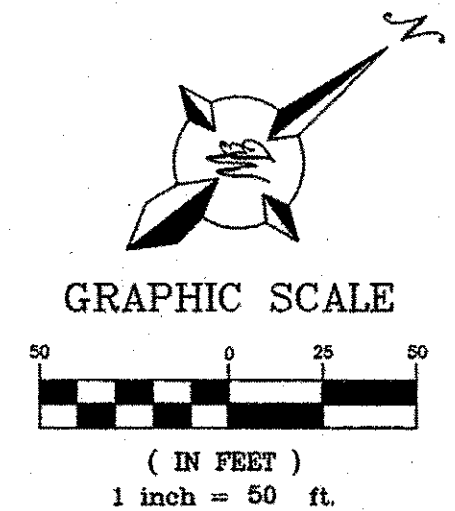
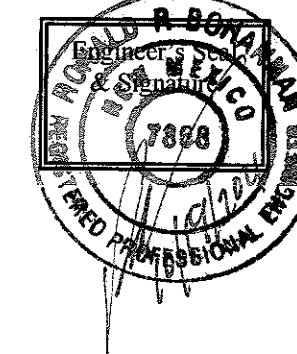
- KEYED NOTE**
- (A) STANDARD CURB AND GUTTER PER COA STD DWG 2415A
  - (B) CUT-OFF WALL PER COA STD DWG 2415B W/TYPED III BARRICADES
  - (C) 10' PAVED TRAIL, 2" TYPE 'C' PER COA STD DWG 2415B
  - (D) BARRICADES TYPE III (3 EA)
  - (E) MEDIAN CURB AND GUTTER PER COA STD DWG 2415B
  - (F) MEDIAN CONCRETE PER COA STD DWG 2408 AND 2502
  - (G) REMOVE AND DISPOSE EXISTING CUTOFF WALL

**NOTES**

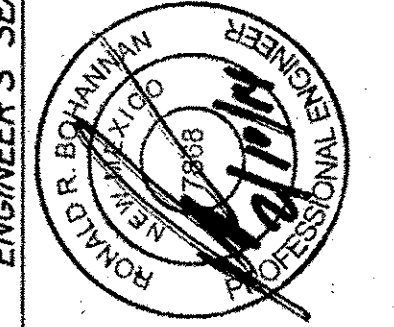
1. SEE SHEET 4 FOR LINE AND CURVE TABLES
2. PAINT MEDIAN NOSE YELLOW
3. PMSC TO BE CONSTRUCTED WITH THIS PROJECT ON NORTH BOUND LANES FROM BLUE FEATHER AVE TO SOUTH PROPERTY LINE

**CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS**

I, Ronald R. Bohannon, of the firm of Tierra West LLC, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me, or personnel under my direction with survey information provided by Brian Martinez, of \_Cartesian Surveys, Inc., NMPS number 18374.

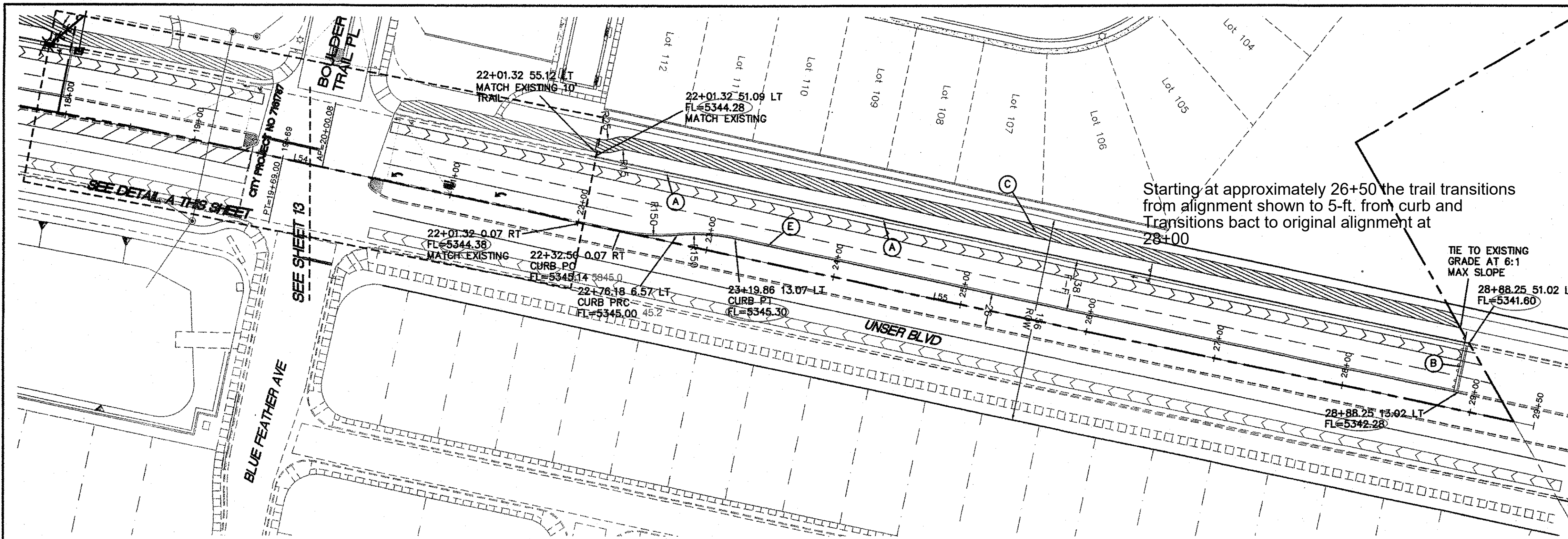


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<b>TITLE: THE BOULDERS PHASE 3 PAVING IMPROVEMENTS UNSER BLVD 10+00 TO 20+00</b>			
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
LAST DESIGN UPDATE		SHEET 13 OF 22	
ZONE MAP NO. 8-10-2 & 8-11-2		761788	



REMARKS	BY
DESIGN	VC
DESIGNED BY:	VC
DRAWN BY:	PT
DRAWING NAME:	PH3-UNSER-PV
CHECKED BY:	VC
DATE:	2-12-14
DATE:	2-12-14
JOB NO.:	2011005
DATE:	2-12-14



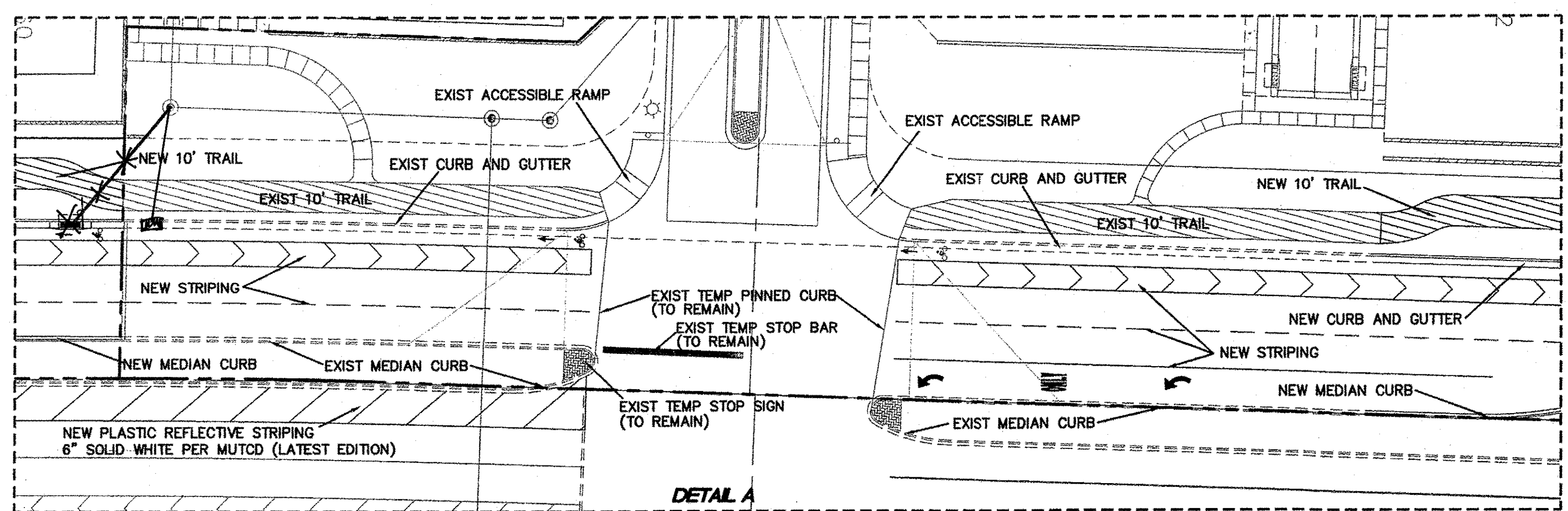
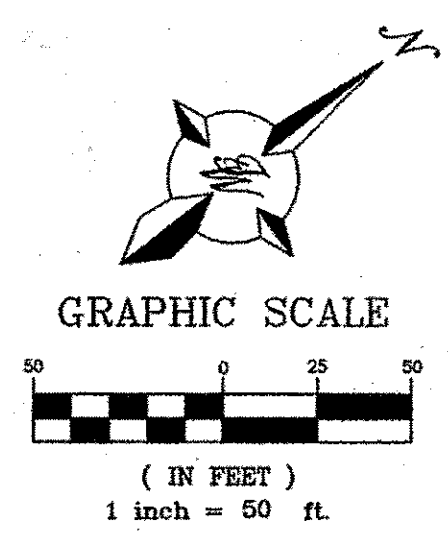
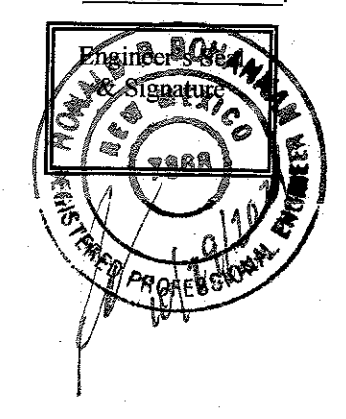
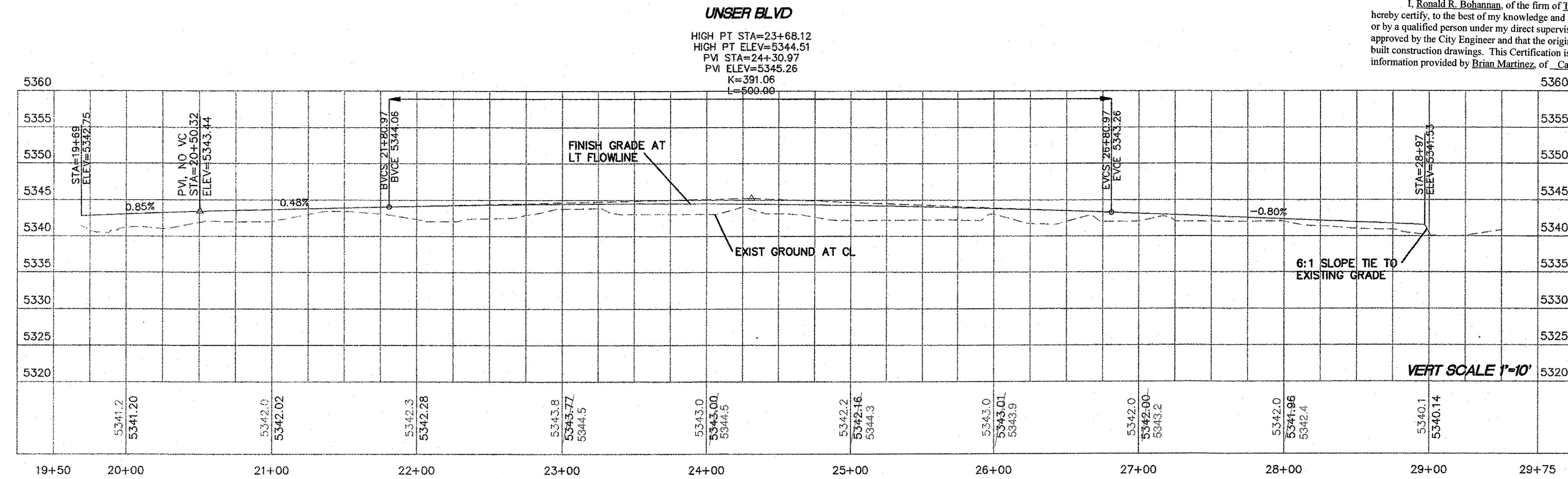


- KEYED NOTE:**
- (A) STANDARD CURB AND GUTTER PER COA STD DWG 2415A
  - (B) CUT-OFF WALL PER COA STD DWG 2415B W/TYP III BARRICADES
  - (C) 10' PAVED TRAIL, 2" TYPE 'C' PER COA STD DWG 2415B
  - (D) MEDIAN CONCRETE PER COA STD DWG 2408 AND 2502
  - (E) MEDIAN CURB AND GUTTER PER COA STD DWG 2415B

- NOTES**
1. SEE SHEET 4 FOR LINE AND CURVE TABLES
  2. PAINT MEDIAN NOSE YELLOW

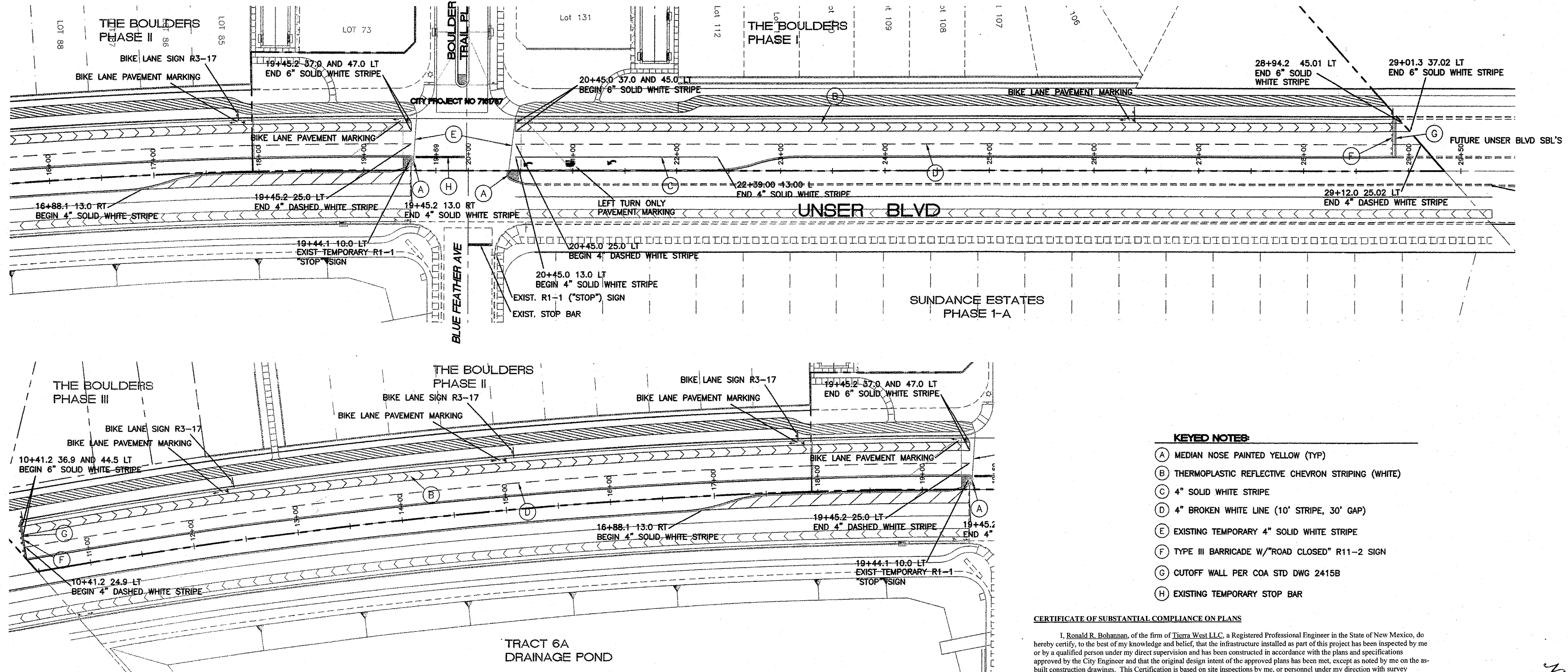
**CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS**

I, Ronald R. Bohannon, of the firm of Tierra West LLC, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me, or personnel under my direction with survey information provided by Brian Martinez, of Caresian Surveys, Inc., NMPS number 18374



<b>TIERRA WEST, LLC</b> 5571 MIDWAY PARK PL NE ALBUQUERQUE, NEW MEXICO 87109 (505) 858-3100 www.tierrawestllc.com	
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP	
TITLE: <b>THE BOULDERS PHASE 3 PAVING IMPROVEMENTS UNSER BLVD 20+00 TO 29+75</b>	
DESIGN REVIEW COMMITTEE 	CITY ENGINEER APPROVAL 
NO.	DATE
DESIGNED BY: VC	DATE: 2-12-14
DRAWN BY: PM	DATE: 2-12-14
DRAWING NAME: PH3-UNSER-PV	JOB NO.: 2011005
CHECKED BY: VC	DATE: 2-12-14
MO./DAY/YR.	
MO./DAY/YR.	
LAST DESIGN UPDATE	
ZONE MAP NO. <b>761788</b> <b>B-10-2 &amp; B-11-2</b>	
SHEET <b>13A</b> OF <b>22</b>	



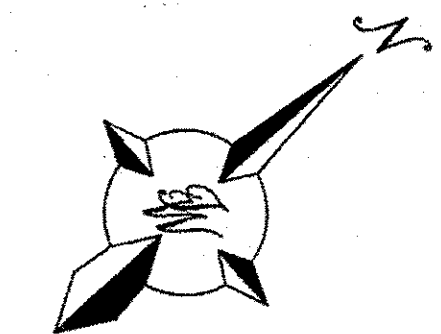
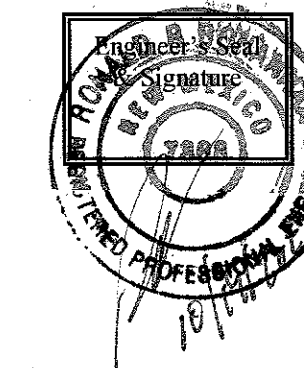


**KEYED NOTES:**

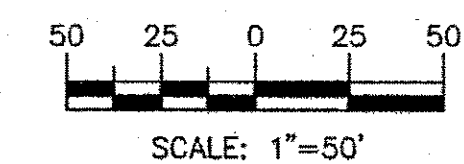
- (A) MEDIAN NOSE PAINTED YELLOW (TYP)
- (B) THERMOPLASTIC REFLECTIVE CHEVRON STRIPING (WHITE)
- (C) 4" SOLID WHITE STRIPE
- (D) 4" BROKEN WHITE LINE (10' STRIPE, 30' GAP)
- (E) EXISTING TEMPORARY 4" SOLID WHITE STRIPE
- (F) TYPE III BARRICADE W/"ROAD CLOSED" R11-2 SIGN
- (G) CUTOFF WALL PER COA STD DWG 2415B
- (H) EXISTING TEMPORARY STOP BAR

**CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS**

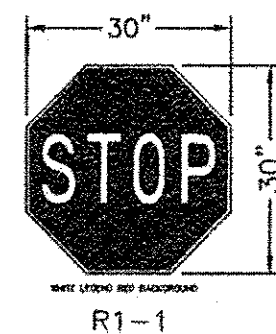
I, Ronald R. Bohannon, of the firm of Tierra West LLC, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me, or personnel under my direction with survey information provided by Brian Martinez, of Cartesian Surveys, Inc., NMPS number 18374.



**GRAPHIC SCALE**



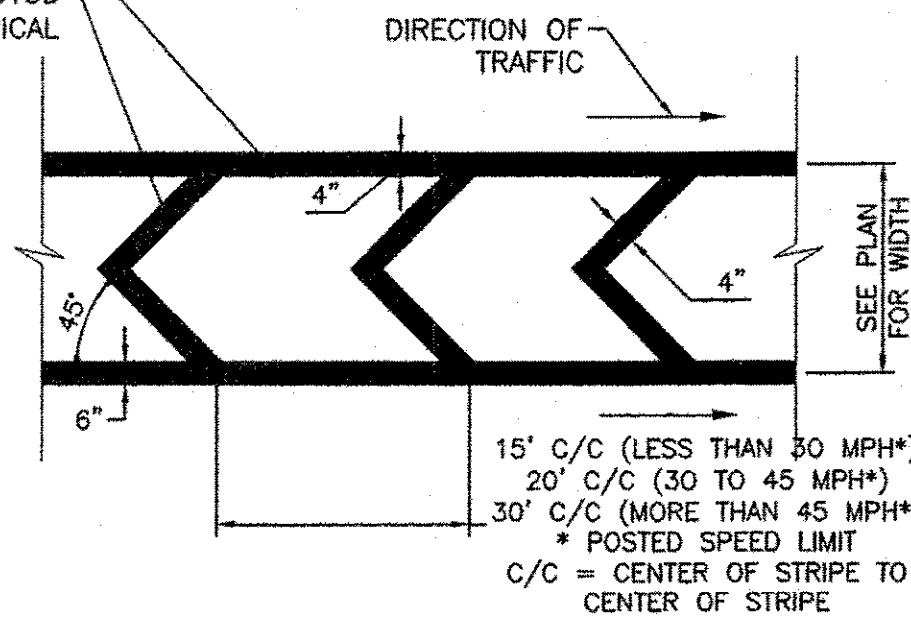
**SIGN KEY:**



\* SIGN FACES SHOWN FOR REFERENCE; CONTRACTOR SHALL VERIFY DIRECTION OF ARROW TO CORRELATE WITH INSTALLATION LOCATION AND TRAFFIC MOVEMENTS.

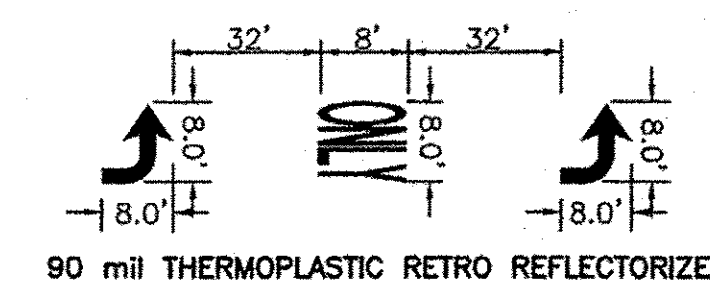
\*\* CONTRACTOR SHALL COORDINATE WITH TRAFFIC OPERATIONS PRIOR SIGNING AND STRIPING

PLASTIC REFLECTIVE STRIPING  
4" SOLID WHITE PER MUTCD  
(LATEST EDITION) TYPICAL

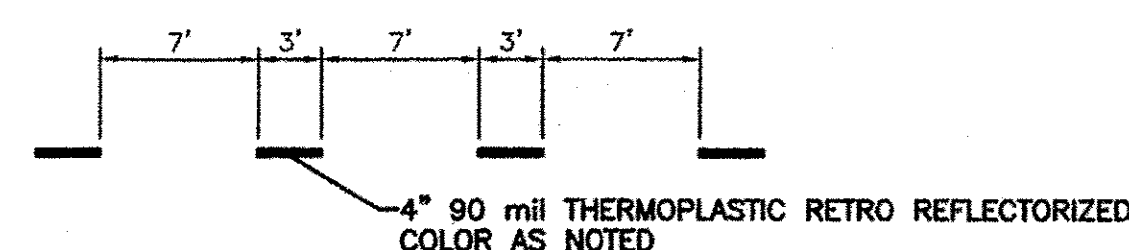


**CHEVRON STRIPES DETAIL**  
NTS

**BIKE LANE STRIPING**  
NTS



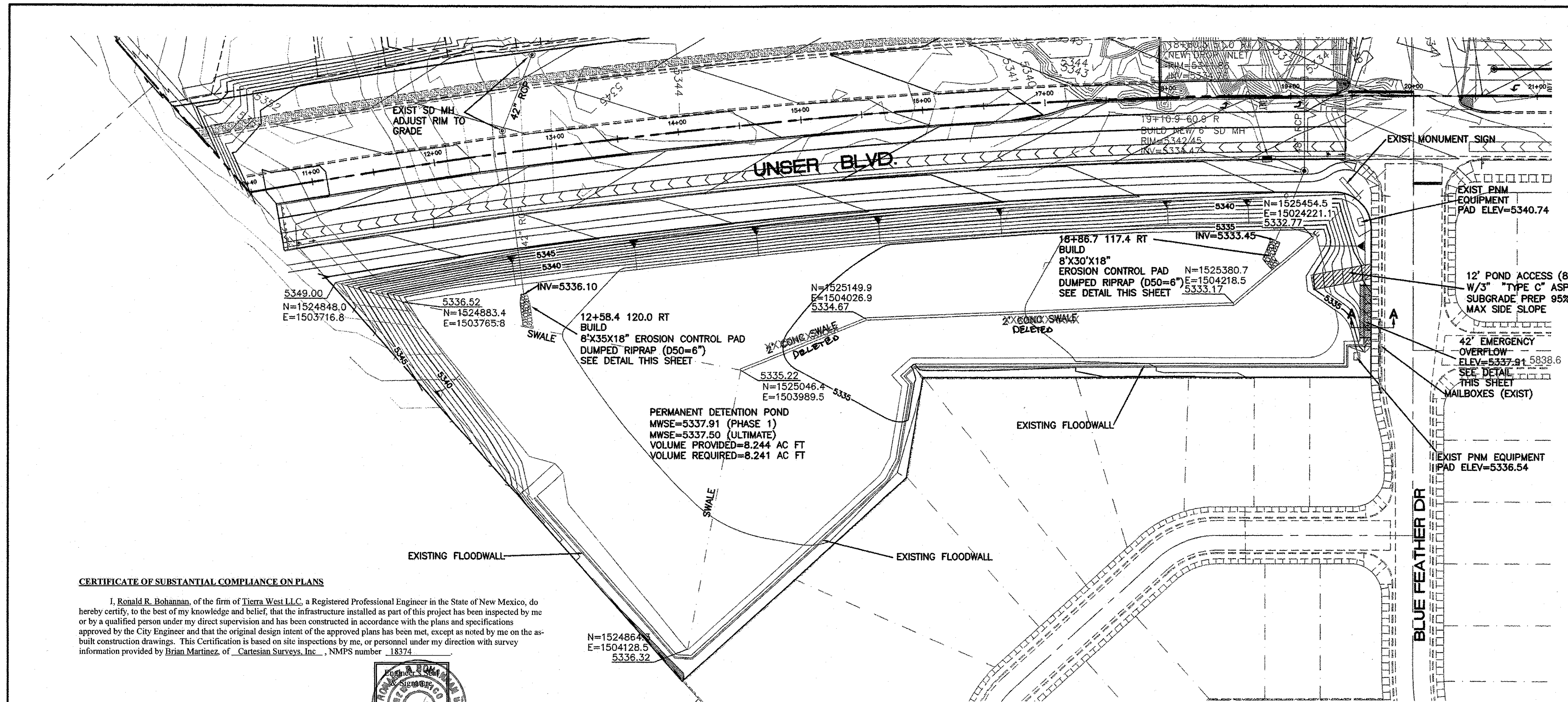
**ARROW DETAILS**  
NTS



**CENTERLINE STRIPE DETAIL**  
NTS

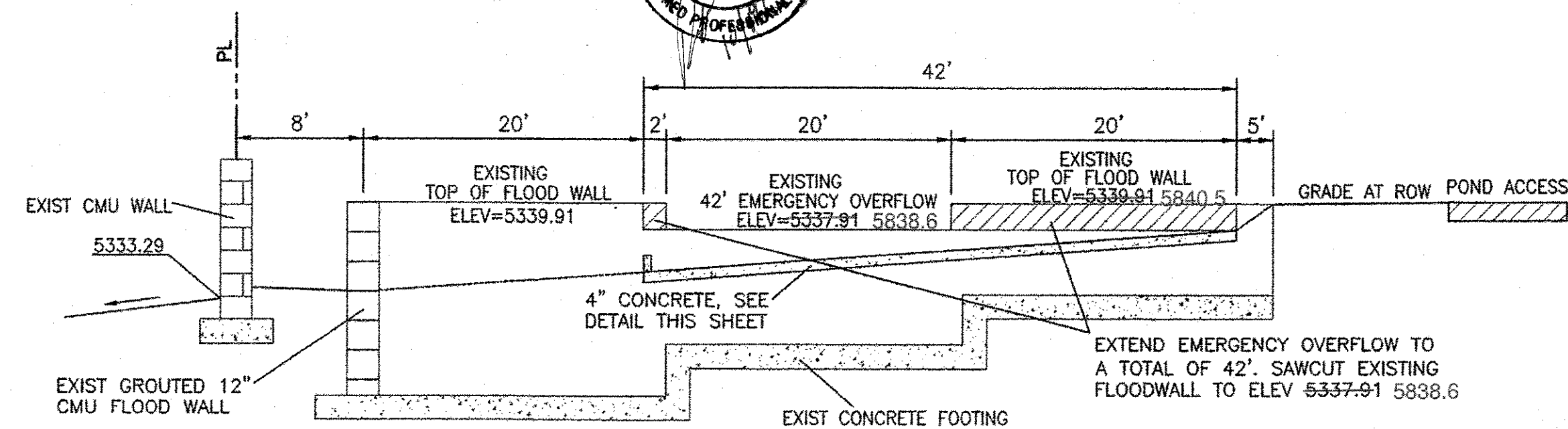
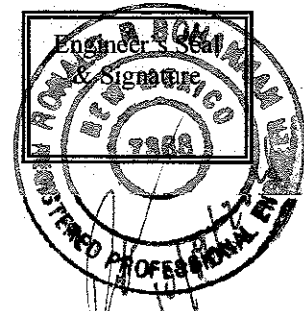
<b>TIERRA WEST, LLC</b> 5571 MIDWAY PARK PL NE ALBUQUERQUE, NEW MEXICO 87109 (505) 858-3100 www.tierrawestllc.com		<b>CITY OF ALBUQUERQUE</b> PUBLIC WORKS DEPARTMENT ENGINEERING GROUP	
<b>TITLE: THE BOULDERS PHASE 3 USNER BLVD STRIPING PLAN</b>			
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
APPROVED MAR 03 2014	APPROVED JUN 17 2014		
DESIGN REVIEW COMMITTEE	CITY ENGINEER	LAST DESIGN UPDATE	
ZONE MAP NO. 8-10-2 & 8-11-2		SHEET 14 OF 22	



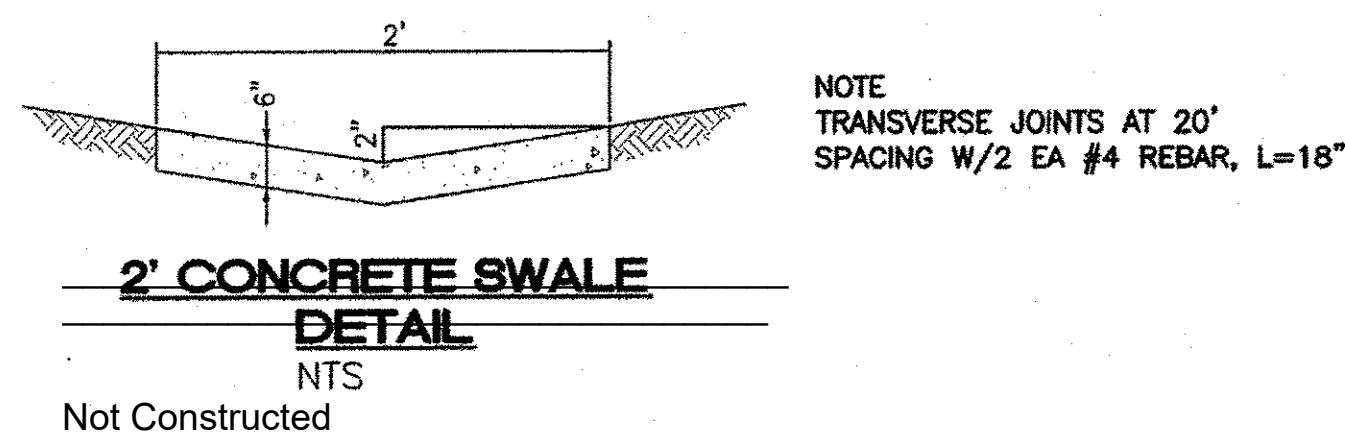


**CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS**

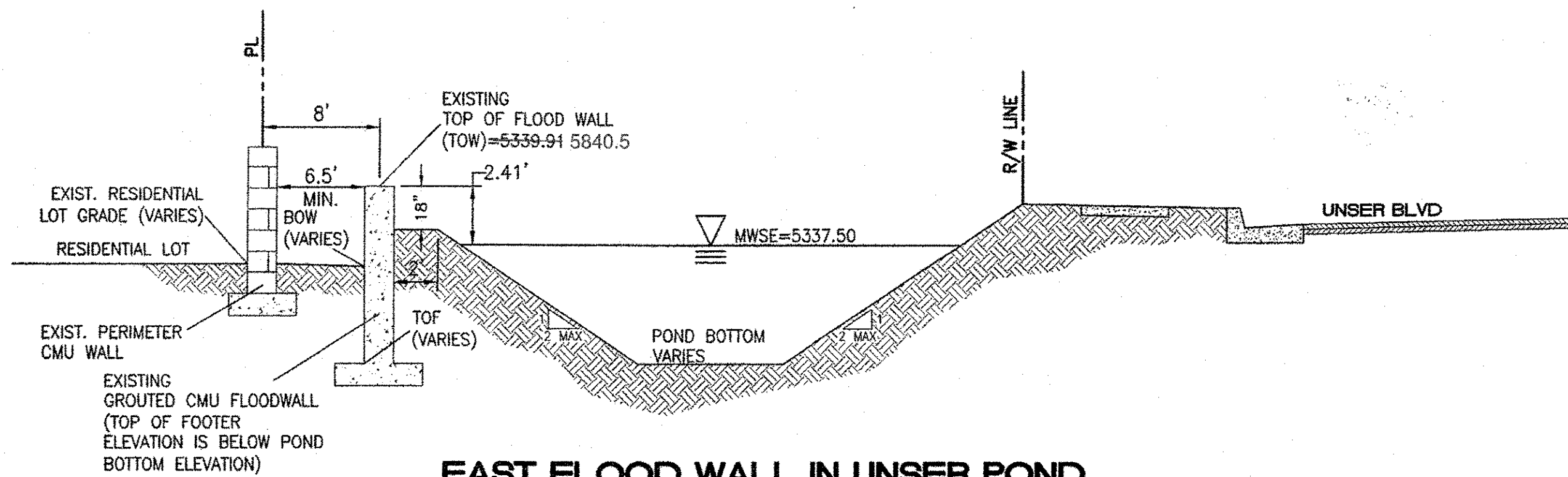
I, Ronald R. Bohannon, of the firm of Tierra West LLC, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me, or personnel under my direction with survey information provided by Brian Martinez, of Cartesian Surveys, Inc., NMPS number 18374.



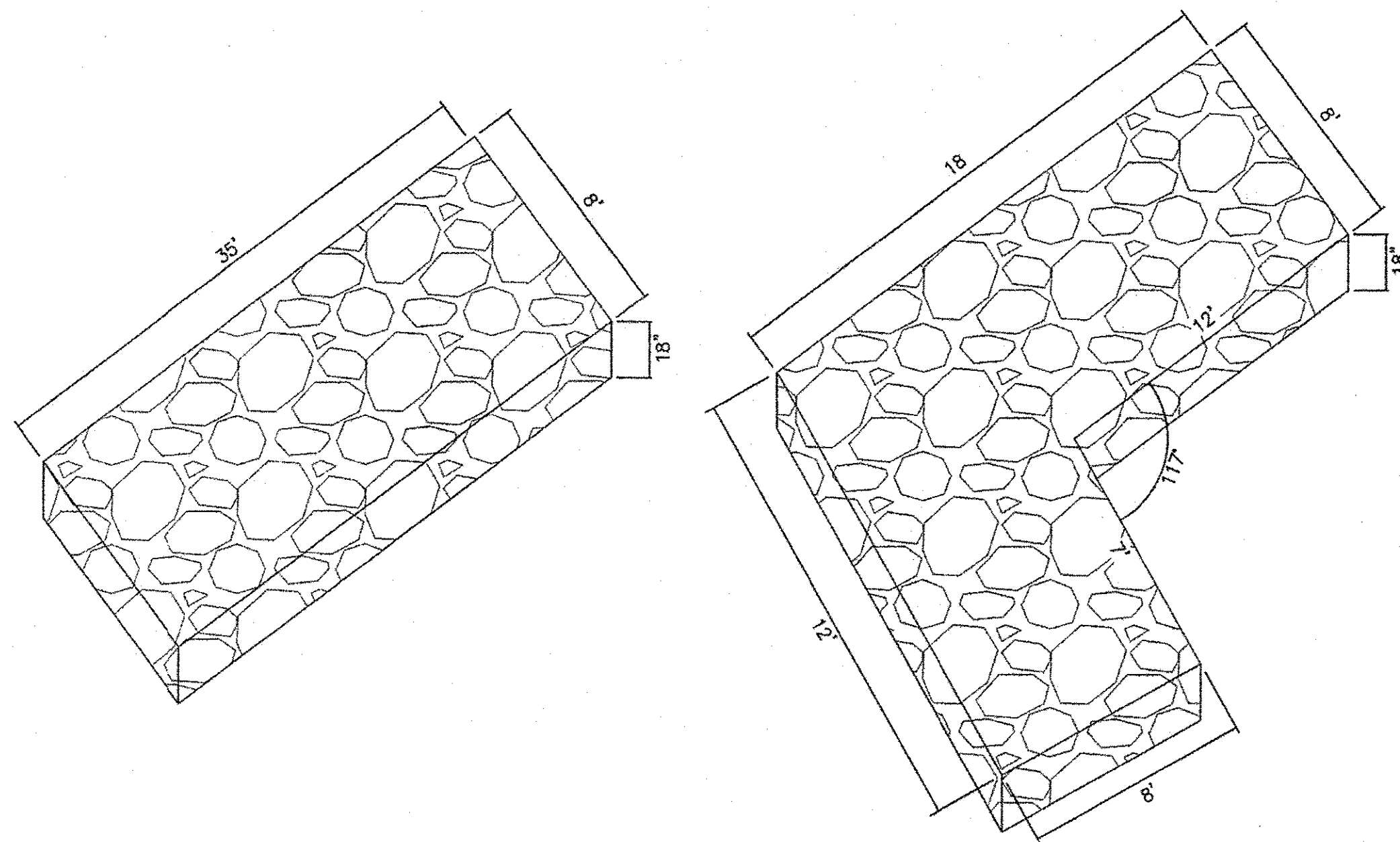
**42' EMERGENCY OVERFLOW MODIFICATION DETAIL**  
NTS



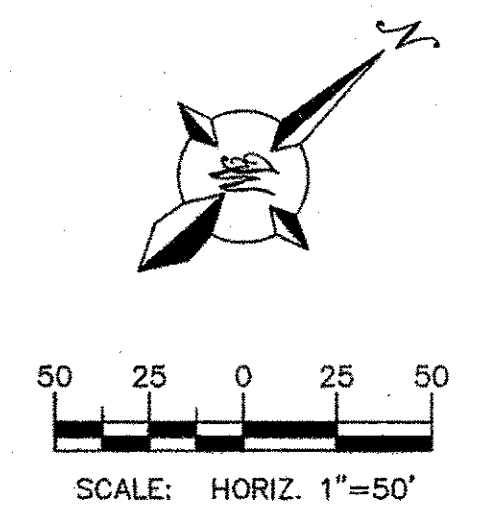
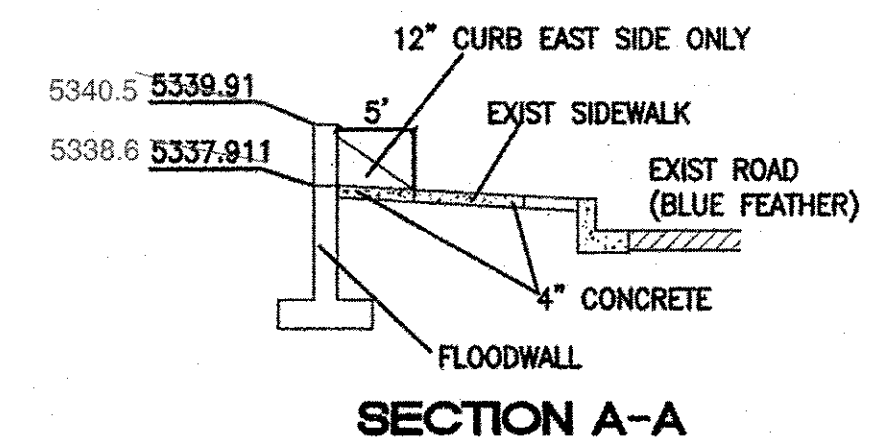
Not Constructed



**EAST FLOOD WALL IN UNSER POND**  
**TYPICAL SECTION**  
NTS



**EROSION CONTROL PAD**  
**DETAIL**  
NTS



<b>TIERRA WEST, LLC</b> 5571 MIDWAY PARK PL NE ALBUQUERQUE, NEW MEXICO 87109 (505) 858-3100 www.tierrawestllc.com	
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP	
TITLE: <b>THE BOULDERS PHASE 3</b> <b>TRACT 6A DETENTION POND</b>	
DESIGN REVIEW COMMITTEE <b>APPROVED</b> MAR 8 2014 DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL <b>APPROVED</b> JUN 11 2014 CITY ENGINEER
DESIGNED BY: VC	DRAWN BY: pm
CHECKED BY: VC	JOB NO.: 2011005
DATE: 2-12-14	DATE: 2-12-14
REVISIONS	DATE: 2-12-14
NO.	DATE
REMARKS	BY