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26-6502-73-2014

APPROVED AS RECORD DRAWINGS
DESIGN REVIEW SECTION
CITY CONSTRUCTION ENGINEER
DATE: Feb 18, 2014

CONSTRUCTION PLANS FOR ARROYO VISTA PHASE 2 APS RECREATIONAL SITE APS WESTSIDE SPORTS COMPLEX PUBLIC INFRASTRUCTURE ALBUQUERQUE, NEW MEXICO

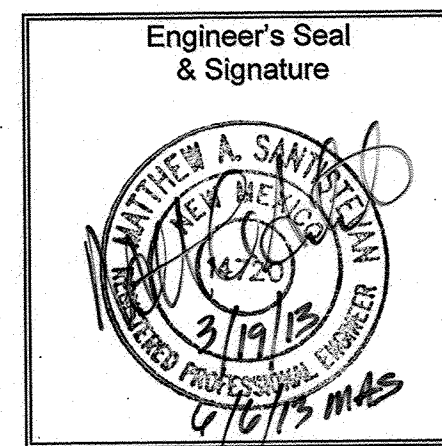
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RECORD DRAWINGS

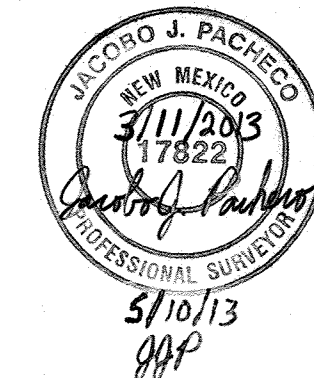
CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Matthew A. Santistevan of the firm of Bohannon Huston, Inc., 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 shown on these drawings (Arroyo Vista Phase 2 APS Recreational Site APS Westside Sports Complex Public Infrastructure) 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 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 and survey information provided by the contractor, Franklin's Earthmoving Inc. and their surveyor, Jacobo J. Pacheco, NMPS #17822.



SURVEYOR CERTIFICATION

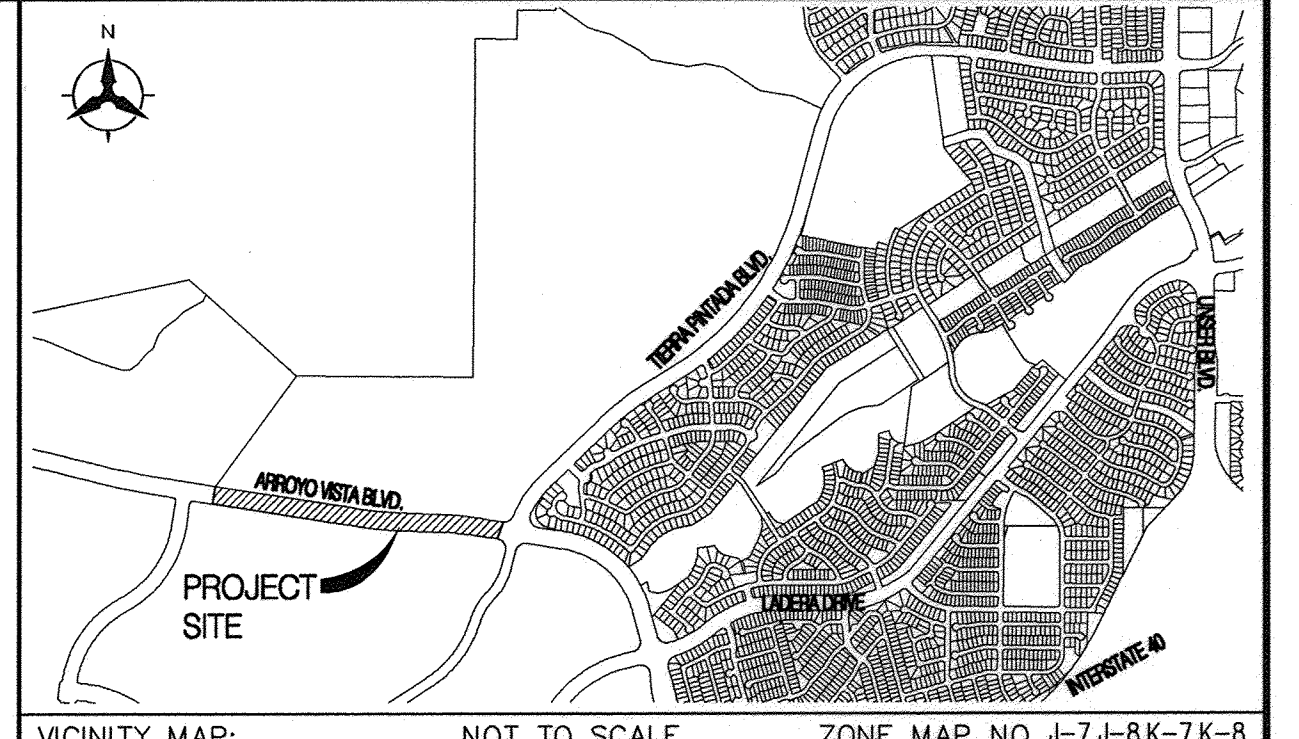
I, JACOBO J. PACHECO, NEW MEXICO PROFESSIONAL SURVEYOR, NO. 17822, DO HEREBY CERTIFY THAT THE LOCATION AND ELEVATION "AS-BUILT" INFORMATION SHOWN ON THESE CONSTRUCTION PLANS WAS OBTAINED FROM FIELD CONSTRUCTION AND "AS-BUILT" SURVEYS PERFORMED BY ME OR UNDER MY SUPERVISION; THAT THE LOCATION AND ELEVATION "AS-BUILT" INFORMATION SHOWN ON THESE PLANS WAS ADDED BY ME OR UNDER MY SUPERVISION; AND THAT THE LOCATION AND ELEVATION "AS-BUILT" INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THIS CERTIFICATION APPLIES TO "AS-BUILT" INFORMATION SHOWN THAT REQUIRED SURVEY GRADE PRECISION ONLY.



"Arroyo Vista Phase 2 APS Recreational Site APS Westside Sports Complex Public Infrastructure City Project Number 650273 shall not be accepted and owned by the City of Albuquerque until Arroyo Vista Phase 1 APS Recreational Site APS Westside Sports Complex Public Infrastructure City Project Number 650274 is owned and accepted by the City of Albuquerque."

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 ENGINEER.
- ☒ SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- ☒ IF CURB IS DEPRESSED 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.
- ☒ THE REQUESTOR OR DEVELOPER SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ALL CURB AND GUTTER OR SIDEWALK DAMAGED AFTER APPROVAL BY THE ENGINEER OF WORK COMPLETED BY THE CONTRACTOR.



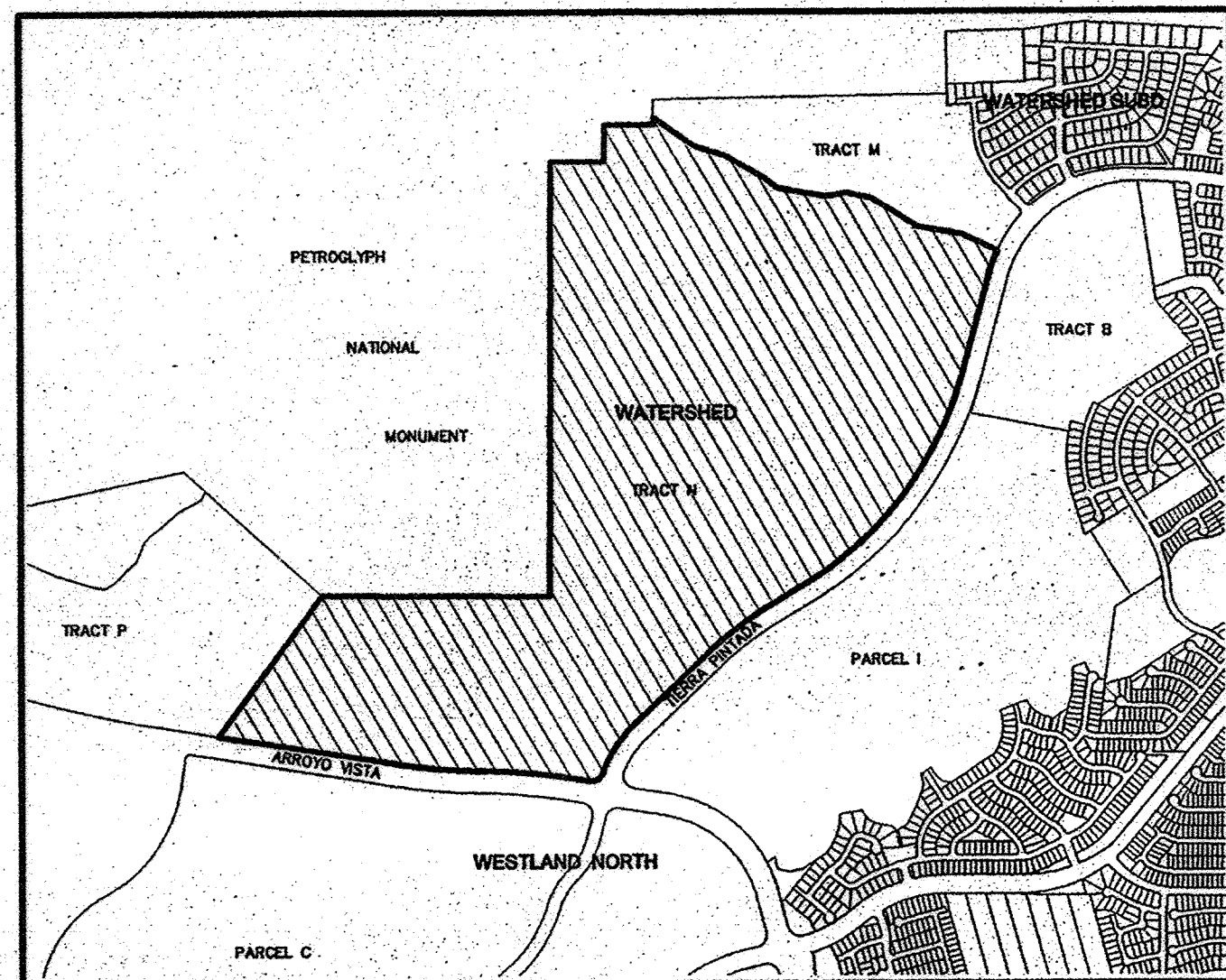
VICINITY MAP: NOT TO SCALE ZONE MAP NO. J-7, J-8, K-7, K-8

NOTICE TO CONTRACTORS

- AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN THE CITY RIGHT-OF-WAY.
- 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 AS REVISED THROUGH UPDATE No. 8.
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) FOR LOCATION OF EXISTING UTILITIES.
- 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 CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT, TO THE CONSTRUCTION COORDINATION DIVISION, A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONST. COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY CONSTRUCTION COORDINATION ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
- ALL WORK AFFECTING ARTERIAL ROADWAYS REQUIRES TWENTY-FOUR HOUR CONSTRUCTION.
- ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED W/ PLASTIC REFLECTORIZED PAVEMENT MARKING BY CONTRACTOR TO THE SAME 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 PERMISSION. 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.
- CONTRACTOR SHALL RECORD DATA ON ALL UTILITY LINES AND ACCESSORIES AS REQUIRED BY THE CITY OF ALBUQUERQUE FOR THE PREPARATION OF "AS CONSTRUCTED" DRAWINGS. CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAS BEEN RECORDED.
- CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY GRAFFITI FROM ALL EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
- 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 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/11EW/463/729/](http://abcwua.org/content/11ew/463/729/)
- CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL CONSTRUCTION SIGNAGE UNTIL PROJECT HAS BEEN ACCEPTED BY THE CITY OF ALBUQUERQUE.
- DEVELOPER SHALL PROVIDE AND MAINTAIN ALL SIGNING AND STRIPING WITHIN PRIVATE STREETS / DEVELOPMENT.
- ALL EXCAVATION, TRENCHING AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.
- ALL UTILITIES SHALL BE BACKFILLED TO 95% COMPACTION FOR THE ENTIRE DEPTH OF THE TRENCH. THIS INCLUDES ALL SANITARY SEWER LINES, WATER LINES, STORM DRAIN LINES, DRY UTILITY SLEEVES AND TRAFFIC SIGNAL / STREET LIGHT CONDUITS.

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS		ENGINEER	DATE	*****	
		DRC Chairman		Woodall	7/24/12	APPROVED FOR CONSTRUCTION	
		Transportation		04/29/12	24/13/12		
		Water/Wastewater		6-19-12	6-19-12		
		Hydrology		5/20/12	5/20/12		
		CIP					
		Const. Mngmt.					
DRB CASE NUMBER		CITY PROJECT NO.		650273		SHEET 1 OF 18	

Bohannon Huston
Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335



LOCATION MAP
ZONE ATLAS INDEX MAP NO. H-8, H-9, J-7 & J-8
NOT TO SCALE

DESCRIPTION

A certain tract of land located within the Town of Atrisco Grant, projected Sections 8, 9, 17 & 18, Township 10 North, Range 2 East, New Mexico Principal Meridian, City of Albuquerque, Bernalillo County, New Mexico, being and comprising all of Tract lettered "N", Watershed Subdivision, as the same is shown and designated on the plat thereof filed in the office of the County Clerk of Bernalillo County, New Mexico on June 9, 2005 in Book 2005C, page 198.

This tract contains 347.7947 acres, more or less.



SUBDIVISION DATA

1. DRB No. 1008792
2. Zone Atlas Index Nos. H-8, H-9, J-7 & J-8.
3. Gross Subdivision Acreage: 347.7947 acres.
4. Total Number of Tracts Created: 2 Tracts.
5. No Streets were created.
6. Date of Survey: March, 2011.
7. Plat is located within the Town of Atrisco Grant, within projected Sections 8, 9, 17 & 18, T10N, R2E, NMPM.

PURPOSE OF PLAT

The Purpose of this plat is to subdivide Tract N into two tracts, Watershed Subdivision, as the same is shown and designated on the plat thereof filed in the office of the County Clerk of Bernalillo County, New Mexico on June 9, 2005 in Book 2005C, page 198, and to vacate easements.

PUBLIC UTILITY EASEMENTS

PUBLIC UTILITY EASEMENTS shown on this plat are granted for the common and joint use of:

- A. Public Service Company of New Mexico ("PNM"), a New Mexico corporation, (PNM Electric) for installation, maintenance, and service of overhead and underground electrical lines, transformers, and other equipment and related facilities reasonably necessary to provide electrical services.
- B. New Mexico Gas Company for installation, maintenance, and service of natural gas lines, valves and other equipment and facilities reasonably necessary to provide natural gas.
- C. Qwest for the installation, maintenance, and service of such lines, cable, and other related equipment and facilities reasonably necessary to provide communication services.
- D. Cable TV for the installation, maintenance, and service of such lines, cable, and other related equipment and facilities reasonably necessary to provide Cable services.

Included, is the right to build, rebuild, construct, reconstruct, locate, relocate, change, remove, replace, modify, renew, operate and maintain facilities for purposes described above, together with free access to, from, and over said easements, with the right and privilege of going upon, over and across adjoining lands of Grantor for the purposes set forth herein and with the right to utilize the right of way and easement to extend services to customers of Grantee, including sufficient working area space for electric transformers, with the right and privilege to trim and remove trees, shrubs or bushes which interfere with the purposes set forth herein. No building, sign, pool (above ground or subsurface), hot tub, concrete or wood pool decking, or other structure shall be erected or constructed on said easements, nor shall any well be drilled or operated thereon. Property owners shall be solely responsible for correcting any violations of National Electrical Safety Code by construction of pools, decking, or any structures adjacent to or near easements shown on this plat.

Easements for electric transformer/switchgears, as installed, shall extend ten (10) feet in front of transformer/switchgear doors and five (5) feet on each side.

Disclaimer

In approving this plat, Public Service Company of New Mexico (PNM) and New Mexico Gas Company (NMGC) did not conduct a Title Search of the properties shown hereon. Consequently, PNM and NMGC do not waive or release any easement or easement rights which may have been granted by prior plat, replat or other document and which are not shown on this plat.

NOTES

1. Bearings are New Mexico State Plane Grid Bearings (Central Zone) NAD 1927. Basis of Bearings is between City of Albuquerque Control Monuments "REWARD" and "BH 41". Bearing = N03°08'40"E
2. Distances are ground distances.
3. All easements of record are shown.
4. Record Bearings and distances are shown in parenthesis and the same as shown on Plat of Watershed Subdivision filed in the Office of the County Clerk of Bernalillo County, New Mexico on June 9, 2005 in Book 2005C, page 198.
5. Record Bearings and distances are shown in brackets and the same as shown on Dependent Resurvey and Metes and Bounds Survey for the Petroglyph National Monument, United States Department of the Interior, Bureau of Land Management, Santa Fe, New Mexico dated June 21, 1991.
6. This Plat was prepared with information included in Title Commitment issued by First American Title Insurance Company, Commitment No. 1519838-AL04, Effective Date: March 8, 2011.
7. Portions of Tract N are located in Flood Zones "A", "AO" and "X", per FIRM Map Number 35001C0307G, Revised September 26, 2008 and updated by LOMR Case No. 09-06-0036P, Effective Date: October 20, 2008 and FIRM Map Number 35001C0326G, Revised September 26, 2008 and updated LOMR Case No. 09-06-0036P, Effective Date: October 20, 2008.
8. Portion of Right-of-Way Easement to Continental Divide Electric Cooperative filed March 12, 1953 in Book D235, page 619, records of Bernalillo County, New Mexico released by Waiver and Release of Easement by Public Service Company of New Mexico filed December 6, 2002 in Book A46, page 1932, records of Bernalillo County, New Mexico to be vacated.
9. SOLAR NOTE - Pursuant to Section 14-14-4-7 of the City of Albuquerque Code of Ordinances, "No property within the area of this Plat shall at any time be subject to a deed restriction, covenant, or binding agreement prohibiting solar collectors from being installed on buildings or erected on the lots or tracts within the area of proposed Plat. The foregoing requirement shall be a condition to approval of this plat".

FREE CONSENT AND DEDICATION

The plat shown hereon is made with free consent and in accordance of the desires of the undersigned owner(s), the execution of this plat is their free act and deed. Those signing as owner(s) warrant that they hold among them, complete indefeasible title in fee simple to the land shown on this plat. Owner(s) hereby affirm that the described property shown on this plat lies within the platting and subdivision jurisdiction of Albuquerque, New Mexico. Said owner(s) hereby grant all Easements as may be shown on this plat; and hereby dedicate Public Rights-of-Way as may be shown on this plat to the City of Albuquerque, New Mexico in Fee Simple with Warranty Covenants.

WESTERN ALBUQUERQUE LAND HOLDINGS LLC,
a Delaware limited liability company

BY: BARCLAYS CAPITAL REAL ESTATE INC.
as Servicing Member

Date: 4-28/2011
Name: MARK WUEST
Title: VICE PRESIDENT

State of New York)
County of New York) SS

This instrument was acknowledged before me on 28th day of April, 2011,
by Michael T. Robson

My Commission Expires: 5/21/11
Notary Public

MICHAEL T. ROBSON
Notary Public, State of New York
No. 01-RO0059156
Qualified in Queens County
Commission Expires 5/21/2011

Albuquerque Municipal School District No. 12, Counties of Bernalillo and Sandoval, New Mexico A/K/A Albuquerque Public Schools (District 12)

Contract Purchaser (Tracts N-1)

Date: August 26, 2011

Name: Winston Brooks

Title: Superintendent of Schools, Albuquerque Public Schools

State of New Mexico)
County of Bernalillo) SS

This instrument was acknowledged before me on 26th day of August, 2011,

by Winston Brooks

My Commission Expires: July 8, 2012
Notary Public

NOTICE OF SUBDIVISION PLAT CONDITIONS

Future subdivision of Tract N-2, zoning Site Development Plan approvals, and development permits may be conditioned upon dedication of rights-of-way and easements, and/or upon infrastructure improvements by the owner for water, sanitary sewer, streets, drainage, grading and parks in accordance with current resolutions, ordinances and policies in effect at the time for any specific proposal.

The City and AMAFCA (with reference to drainage) may require and/or permit easements to be added, modified, or removed when future plats and/or Site Development Plans are approved.

By its approval of this subdivision the City makes no representation or warranties as to availability of utilities, or final approval of all requirements including (but not limited to) the following items: water and sanitary sewer availability; future street dedications and/or improvements; park and open space requirements; drainage requirements and/or improvements; and, excavation, filling or grading requirements. Any person intending development of lands within this subdivision is cautioned to investigate the status of these items.

At such time as all such conditions have been satisfactorily met, the City Engineer shall approve a recordable document, removing such conditions from all or from a portion of the area within the subject subdivision.

PLAT OF
TRACTS N-1 & N-2
WATERSHED SUBDIVISION
(A REPLAT OF TRACT N, WATERSHED SUBDIVISION)
ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO
APRIL, 2011

PROJECT NUMBER 1008792

APPLICATION NUMBER

UTILITY APPROVALS:

QWEST CORPORATION / 100 CENTURY LINK DATE 09-30-11
PNM ELECTRIC SERVICES DATE 09-30-11
NEW MEXICO GAS COMPANY DATE 9-30-11

CITY APPROVALS:

CITY SURVEYOR Robert Gromatzky DATE 5-3-11
TRAFFIC ENGINEERING / TRANSPORTATION DIVISION DATE 10-05-11
ALBUQUERQUE BERNALILLO COUNTY WATER UTILITY AUTHORITY DATE 10/5/11
PARKS & RECREATION DEPARTMENT DATE 10-5-11
CITY ENGINEER Carla S. Dumont DATE 10-5-11
DEPT CHAIRPERSON, PLANNING DEPARTMENT DATE 11-17-11
REAL PROPERTY DIVISION DATE

TAX CERTIFICATION

THIS IS TO CERTIFY THAT TAXES ARE CURRENT AND PAID ON UPC #

1008792

PROPERTY OWNER OF RECORD WESTERN ALBUQUERQUE LAND HOLDINGS LLC

BERNALILLO COUNTY TREASURER'S OFFICE DATE 11-22-11

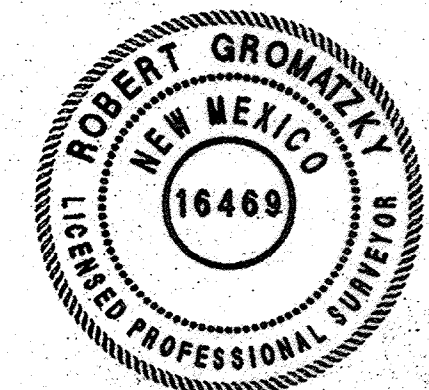
SURVEYOR'S CERTIFICATION

I, Robert Gromatzky, a registered Professional New Mexico Surveyor, certify that I am responsible for this survey and that this plat was prepared by me or under my supervision, shows all existing easements as shown on the plats of record, or made known to me by the owner, utility companies, or other interested parties and conforms to the Minimum Requirements of the Board of Registration for Professional Engineers and Professional Surveyors and meets the minimum requirements for monumentation and surveys contained in the Albuquerque Subdivision Ordinance, and is true and accurate to the best of my knowledge and belief.

Robert Gromatzky
Robert Gromatzky
New Mexico Professional Surveyor 16469
Date: APRIL 26, 2011

DOCH 2011106481

11/22/2011 11:03 AM Page: 1 of 2
PLAT R 325.00 B: 2011C P: 0125 M: Toulous Oliveira, Bernalillo Cour



Bohannon & Huston

7500 JEFFERSON STREET NE ALBUQUERQUE, NEW MEXICO

SHEET 1 OF 2

JOB NO. 20110349 001

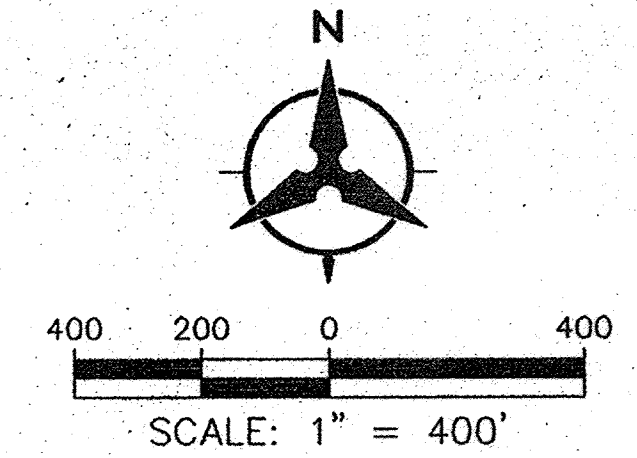
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2A of 18

PLAT OF
TRACTS N-1 & N-2
WATERSHED SUBDIVISION
(A REPLAT OF TRACT N, WATERSHED SUBDIVISION)
ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO
APRIL, 2011

CURVE DATA					
ID	DELTA	TANGENT	ARC	RADIUS	CHORD
C1	77°28'47"	80.23'	135.23'	100.00'	125.16'
(C1)	77°29'11"	80.23'	135.24'	100.00'	125.17'
C2	08°10'32"	363.77'	726.30'	5090.00'	725.69'
(C2)	08°10'35"	363.77'	726.36'	5090.00'	725.75'
C3	08°12'24"	353.10'	704.98'	4922.00'	704.38'
(C3)	08°12'26"	353.10'	705.05'	4922.00'	704.45'
C4	08°51'21"	96.95'	193.52'	1252.00'	193.32'
(C4)	08°51'09"	96.95'	193.44'	1252.00'	193.25'
C5	43°21'03"	1131.94'	2154.84'	2848.00'	2103.81'
(C5)	43°20'44"	1131.94'	2154.84'	2848.00'	2103.58'
C6	12°19'02"	319.83'	637.19'	2964.00'	635.96'
(C6)	12°19'02"	319.83'	637.18'	2964.00'	635.96'
C7	24°45'05"	255.40'	502.84'	1164.00'	498.94'
(C7)	24°44'59"	255.40'	502.80'	1164.00'	498.90'
C8	05°37'58"	145.81'	291.39'	2964.00'	291.27'
C9	06°41'04"	173.09'	345.79'	2964.00'	345.60'

LEGEND	
⊙	CITY OF ALBUQUERQUE CONTROL MONUMENT
●	SET #5 REBAR WITH YELLOW PLASTIC
●	SURVEY CAP STAMPED "GROMATZKY PS 16469"
⊖	FND-NO.5 REBAR NO CAP AS NOTED
⊙	FND-REBAR WITH CAP AS NOTED
⊖	FND-BRASS CAP AS NOTED
—	BOUNDARY LINE
—	LOT LINE
- - -	EXISTING EASEMENT LINE
- - -	PROPOSED EASEMENT LINE
- - -	ADJOINING PROPERTY LINE
- - -	PUBLIC UTILITY EASEMENT GRANTED WITH THE FILING OF THIS PLAT



Tangent Data		
ID	BEARING	DISTANCE
T1	N81°03'35"W	146.64'
(T1)	N81°03'21"W	146.56'
T2	S89°38'48"E	435.62'
(T2)	WEST	435.47'
T3	N00°16'32"E	300.02'
(T3)	SOUTH	299.97'
T4	S89°43'28"E	400.09'
(T4)	WEST	400.03'
T5	N00°17'20"E	56.11'
(T5)	N00°15'44"E	56.11'
T6	S55°05'53"E	408.99'
(T6)	S55°05'15"E	408.93'
T7	S73°12'01"E	255.39'
(T7)	S73°11'23"E	255.35'
T8	S60°03'22"E	339.94'
(T8)	S60°02'44"E	339.89'
T9	S52°00'10"E	156.60'
(T9)	S51°59'32"E	156.58'
T10	S79°54'17"E	393.07'
(T10)	S79°53'39"E	393.01'
T11	N80°08'14"E	175.33'
(T11)	N80°08'52"E	175.30'
T12	S78°18'21"E	201.85'
(T12)	S78°17'43"E	201.82'
T13	S57°52'44"E	443.83'
(T13)	S57°52'06"E	443.76'
T14	S80°39'34"E	361.04'
(T14)	S80°38'56"E	360.99'
T15	S64°38'27"E	319.71'
(T15)	S64°37'49"E	319.75'
T16	S58°31'45"W	339.76'
(T16)	S58°31'26"W	339.68'

NOTES

- The existing temporary floodplain easements to be vacated by this plat are subject to a future approval of a Letter of Map Revision (LOMR) by FEMA, and the final release of the temporary floodplain easements will be evidenced by the future execution and recordation of a "Quitclaim Deed/Release of Easement" by the AMAFCA Board after receipt of the FEMA approval of the LOMR.
- There are "A" and "AO" flood zones on Tract N-1. See FIRM panels 35001C0307 and 35001C0326 for more information.
- A portion of this property (proposed Tract N-1) is within the View Area of the Northwest Mesa Escarpment Plan.



SHEET 2 OF 2

DOCH 2011106481
11/22/2011 11:03 AM Page: 2 of 2
VPLAT R: \$25.00 B: 2011C P: 0125 H: Toulous Olivere, Bernalillo Cour

Bohannon & Huston
7500 JEFFERSON STREET NE ALBUQUERQUE, NEW MEXICO

JOB NO. 20110349 001 01

BHI Project No. 20110364.001.02.SRVABQ

Control Surveying Report for WALH/APS Photo Control

Robert Gromatzky, P.S.

March 29, 2011

Introduction:

The purpose of the control provided for this project is for ortho-photogrammetric control for the WALH/APS project.
The intended accuracy is 0.15 horizontal and 0.15 vertical

Project Control Process Flowchart:

See attachment

Project Control Specifications:

Units: US Survey Foot
Horizontal Datum: NAVD83
Vertical Datum: Transverse Mercator
Projection: New Mexico Central Zone (3002)
State Plane and/or UTM Zone: Grid Bearings
Basis of Bearing: 0.999607507 based on AGRS 4, A9
Project Combined Factor: Scaled State Plane coordinates about origin (Northing = 0, Easting = 1,640,416.667) No truncation
Modification Method Used: Office Calibration to City control - RTK Vectors Network
Field Methodology: Trimble GPS Equipment (4700, 5700, 5800 Dual Frequency Receivers)
Equipment Used: March 21, 2011
Control Set Date: March 21, 2011
Observation Date: March 29, 2011
Adjustment/Publication Date: Primary Control: Office calibration performed on December 17, 2010 by Robert Lockman. This calibration covers the Northeast Heights zone. See Attachment for Calibration Details.

Note: The method for establishing horizontal positions for established control points does not meet the criteria for horizontal positional accuracy classification according to the Geometric Geoid Accuracy Standards and Specifications for Using GPS Relative Positioning Techniques, August 1, 1989. Network accuracy does not exceed the accuracy of the primary control.

The method for establishing vertical positions for established control points does not meet the criteria for vertical positional accuracy classification according to the Standards and Specifications for Geoidetic Control Network, September 1984. Network accuracy does not exceed the accuracy of the primary control.

I, Robert Gromatzky, New Mexico Professional Surveyor No. 16469 do hereby certify that this Control Survey Report was prepared by me or under my direct supervision based on an actual survey on the ground as described herein; that I am responsible for this survey; and that the survey and report meets the minimum standards for surveying in New Mexico.

Robert Gromatzky, P.S.
Robert Gromatzky, P.S.
Bohannon & Huston
Courtney I. 7500 Jefferson St. NE
Albuquerque, NM 87109-4335
www.bh.com
voice: 505.823.1000 facsimile: 505.798.7932 toll free: 800.877.5332
March 29, 2011
Date

Adjusted Coordinate Listing:

See Attached Control Datasheets

Point Name	Latitude	Longitude	Grid Northing	Grid Easting	Orthometric Height Elevation	Modified Northing	Modified Easting	Ellipsoid Height
BH 11-364-01	35°06'43.26786"N	106°45'09.03928"W	1496440.781	1490133.778	5381.470	1489638.503	1490083.793	5310.967
BH 11-364-02	35°06'48.25766"N	106°44'23.81805"W	1496926.526	1493892.967	5280.876	1497424.409	1493844.233	5210.359
BH 11-364-03	35°06'09.65216"N	106°44'21.92538"W	1493022.820	1494031.022	5242.196	1493519.405	1493982.334	5171.641
BH 11-364-04	35°04'19.08816"N	106°44'47.03703"W	1481855.397	1491888.991	5244.067	1482348.267	1491839.590	5173.411
BH 11-364-05	35°04'18.20951"N	106°46'36.12326"W	1481813.083	1482821.852	5605.180	1482305.939	1482769.435	5534.578
BH 11-364-06	35°06'14.05521"N	106°46'34.93296"W	1493524.292	1482982.633	5688.519	1494021.044	1482930.270	5628.049
BH 11-364-07	35°06'17.12859"N	106°45'19.17527"W	1493802.416	1489278.335	5455.690	1494299.260	1489228.066	5385.164
BH 11-364-08	35°06'43.19833"N	106°45'05.49415"W	1496432.269	1490428.251	5375.856	1496929.988	1490378.364	5305.352
BH 11-364-09	35°06'43.46580"N	106°44'42.03978"W	1496449.563	1492376.835	5359.395	1496947.287	1492327.596	5288.881
BH 11-364-10	35°05'02.51504"N	106°45'33.37583"W	1486265.165	1488059.983	5407.505	1486759.502	1488009.309	5336.911
BH 11-364-11	35°04'44.61706"N	106°45'00.56211"W	1484467.352	1485791.355	5527.928	1484961.091	1485739.926	5457.331
BH 11-364-12	35°04'51.52917"N	106°45'17.03001"W	1485147.613	1489412.737	5351.711	1485641.578	1489562.513	5281.097
BH 11-364-13	35°04'41.28648"N	106°45'38.43074"W	1484121.160	1487628.914	5416.982	1484614.784	1487578.096	5346.368
BH 11-364-14	35°04'59.09815"N	106°46'20.88842"W	1485940.160	1484106.757	5618.425	1486434.389	1484057.769	5547.861
BH 11-364-15	35°05'52.15999"N	106°46'33.79323"W	1491310.231	1483065.697	5616.367	1491806.246	1483013.362	5545.871
BH 11-364-16	35°05'43.61510"N	106°44'47.76854"W	1490401.158	1491870.764	5307.654	1490896.871	1491821.357	5237.081
BH 11-364-17	35°04'53.86834"N	106°44'45.60545"W	1485370.987	1492025.469	5256.452	1485865.027	1491976.114	5185.830
BH 11-364-18	35°06'27.20882"N	106°44'55.70578"W	1494811.679	1491233.316	5332.119	1495308.859	1491183.697	5261.593
BH 11-364-19	35°06'12.71810"N	106°46'13.06677"W	1493379.571	1484798.622	5636.571	1493876.274	1484746.863	5566.077
BH 11-364-20	35°06'10.82526"N	106°45'51.46408"W	1493178.889	1486592.444	5545.966	1493675.526	1486541.282	5475.454
BH 11-364-21	35°05'12.87207"N	106°45'55.56923"W	1487321.716	1486221.071	5518.557	1487816.405	1486169.785	5447.988
BH 11-364-22	35°05'34.66826"N	106°45'17.42638"W	1489509.036	1489401.887	5376.642	1490004.452	1489351.659	5306.071
BH 11-364-23	35°05'44.98194"N	106°45'45.04877"W	1490563.441	1487112.011	5475.284	1491059.208	1487061.021	5404.740
BH 11-364-24	35°05'56.27575"N	106°45'24.75098"W	1491696.592	1488804.372	5412.061	1492192.736	1488753.945	5341.516
BH 11-364-25	35°06'04.19563"N	106°44'44.67680"W	1492480.523	1492138.011	5301.685	1492976.927	1492088.693	5231.131
BH 11-364-26	35°05'28.83175"N	106°46'30.94732"W	1488950.551	1483289.669	5643.179	1489445.781	1483237.408	5572.656

Bohannon & Huston

DESCRIPTION
THE STATION IS LOCATED 5.5 MILES WEST OF DOWNTOWN ALBUQUERQUE.

TO REACH THE STATION FROM THE INTERSECTION OF CENTRAL AVENUE AND COORS BOULEVARD GO WEST ON CENTRAL AVENUE 1.8 MILES TO 98TH STREET ON THE RIGHT; THEN NORTH ALONG 98TH STREET CROSSING OVER I-40 1 MILE TO TRACK ROAD LEFT (SW); THEN TAKE THE ROAD 0.1 MILE TO PYLON #PM 68 AND THE STATION ON THE LEFT.

THE STATION MARK IS A USC&GS SURVEY CONTROL BRASS DISC SET IN A CONCRETE POST 0.3 FEET ABOVE GROUND AND IS STAMPED 'REWARD 1969'.

GPS Calibration Report

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Vertical Adjustment Parameters

Northing coordinate of origin point 1480345.324sf
Easting coordinate of origin point 1479319.533sf
Vertical separation at origin 0.079sf
Slope north -0.498ppm
Slope east -0.316ppm

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Geoid Model Definition

GEIOD09

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Residual Differences Between GPS And Known Coordinates

Summary

	Maximum error	Root Mean Square error	Point
Horizontal	0.002sf	0.000	EAGLEAIR
Vertical	0.068sf	0.007	7 C10
Three-dimensional	0.068sf	0.007	7 C10

Point Residuals

GPS point	Calculated point	Control point
Point 2 L6	Northing 1480345.324sf Easting 1479319.533sf Elevation 5732.924sf Horizontal error 0.000sf Vertical error 0.018sf 3D error 0.018sf Point quality Unknown quality	Point 2 L5CAL Northing 1480345.324sf Easting 1479319.533sf Elevation 5732.924sf Horizontal error 0.000sf Vertical error 0.018sf 3D error 0.018sf Point quality Unknown quality
Point 1 L40 24	Northing 1484118.508sf Easting 1486731.585sf Elevation 5481.215sf Horizontal error 0.001sf Vertical error 0.020sf 3D error 0.020sf Point quality Unknown quality	Point 1 L40 24CAL Northing 1484118.508sf Easting 1486731.585sf Elevation 5481.215sf Horizontal error 0.001sf Vertical error 0.020sf 3D error 0.020sf Point quality Unknown quality
Point REWARD	Northing 1487858.766sf Easting 1491141.186sf	Point REWARDCAL Northing 1487858.766sf Easting 1491141.186sf

file://P:/20110364/SURVEY/Control/GPS Calibration Report.htm

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GPS Calibration Report

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Longitude	106°44'55.76855"W	Elevation	5319.697sf	Easting	1491141.186sf
Height	5249.025sf	Horizontal error	0.000sf	Elevation	5319.688sf
		Vertical error	0.009sf	Type	Horz and Vert
		3D error	0.009sf	Point quality	Unknown quality
Point 9 G10	Northing 1498988.913sf	Point 9 G10CAL			
Latitude 35°07'03.90298"N	Easting 1497501.926sf	Northing 1498988.913sf			
Longitude 106°43'39.89392"W	Elevation 5173.631sf	Easting 1497501.926sf			
Height 5103.061sf	Horizontal error 0.000sf	Elevation 5173.629sf			
	Vertical error 0.002sf	Type Horz and Vert			
	3D error 0.002sf	Point quality Unknown quality			
Point 13 F11	Northing 1506902.388sf	Point 13 F11CAL			
Latitude 35°08'22.40841"N	Easting 1503045.799sf	Northing 1506902.387sf			
Longitude 106°42'33.61797"W	Elevation 5129.895sf	Easting 1503045.799sf			
Height 5059.426sf	Horizontal error 0.001sf	Elevation 5129.882sf			
	Vertical error 0.013sf	Type Horz and Vert			
	3D error 0.013sf	Point quality Unknown quality			
Point 3 E10	Northing 1513131.051sf	Point 3 E10CAL			
Latitude 35°09'23.80973"N	Easting 1499012.792sf	Northing 1513131.051sf			
Longitude 106°43'22.52059"W	Elevation 5318.896sf	Easting 1499012.792sf			
Height 5248.464sf	Horizontal error 0.001sf	Elevation 5318.888sf			
	Vertical error 0.008sf	Type Horz and Vert			
	3D error 0.008sf	Point quality Unknown quality			
Point 5 C12	Northing 1522616.515sf	Point 5 C12CAL			
Latitude 35°10'58.08844"N	Easting 1509758.690sf	Northing 1522616.515sf			
Longitude 106°41'13.64398"W	Elevation 5149.443sf	Easting 1509758.690sf			
Height 5079.242sf	Horizontal error 0.000sf	Elevation 5149.424sf			
	Vertical error 0.019sf	Type Horz and Vert			
	3D error 0.019sf	Point quality Unknown quality			
Point 9 A12	Northing 1530843.100sf	Point 9 A12CAL			
Latitude 35°12'19.59212"N	Easting 1513554.441sf	Northing 1530843.101sf			
Longitude 106°40'28.35223"W	Elevation 5201.813sf	Easting 1513554.441sf			
Height 5131.830sf	Horizontal error 0.001sf	Elevation 5201.853sf			
	Vertical error 0.040sf	Type Horz and Vert			
	3D error 0.040sf	Point quality Unknown quality			
Point 8 A11	Northing 1535445.482sf	Point 8 A11CAL			
Latitude 35°13'04.61661"N	Easting 1507026.823sf	Northing 1535445.482sf			
Longitude 106°41'47.23970"W	Elevation 5283.007sf	Easting 1507026.823sf			
Height 5212.998sf	Horizontal error 0.000sf	Elevation 5283.030sf			
	Vertical error 0.023sf	Type Horz and Vert			
	3D error 0.023sf	Point quality Unknown quality			
Point 3 A8	Northing 1535512.658sf	Point 3 A8CAL			

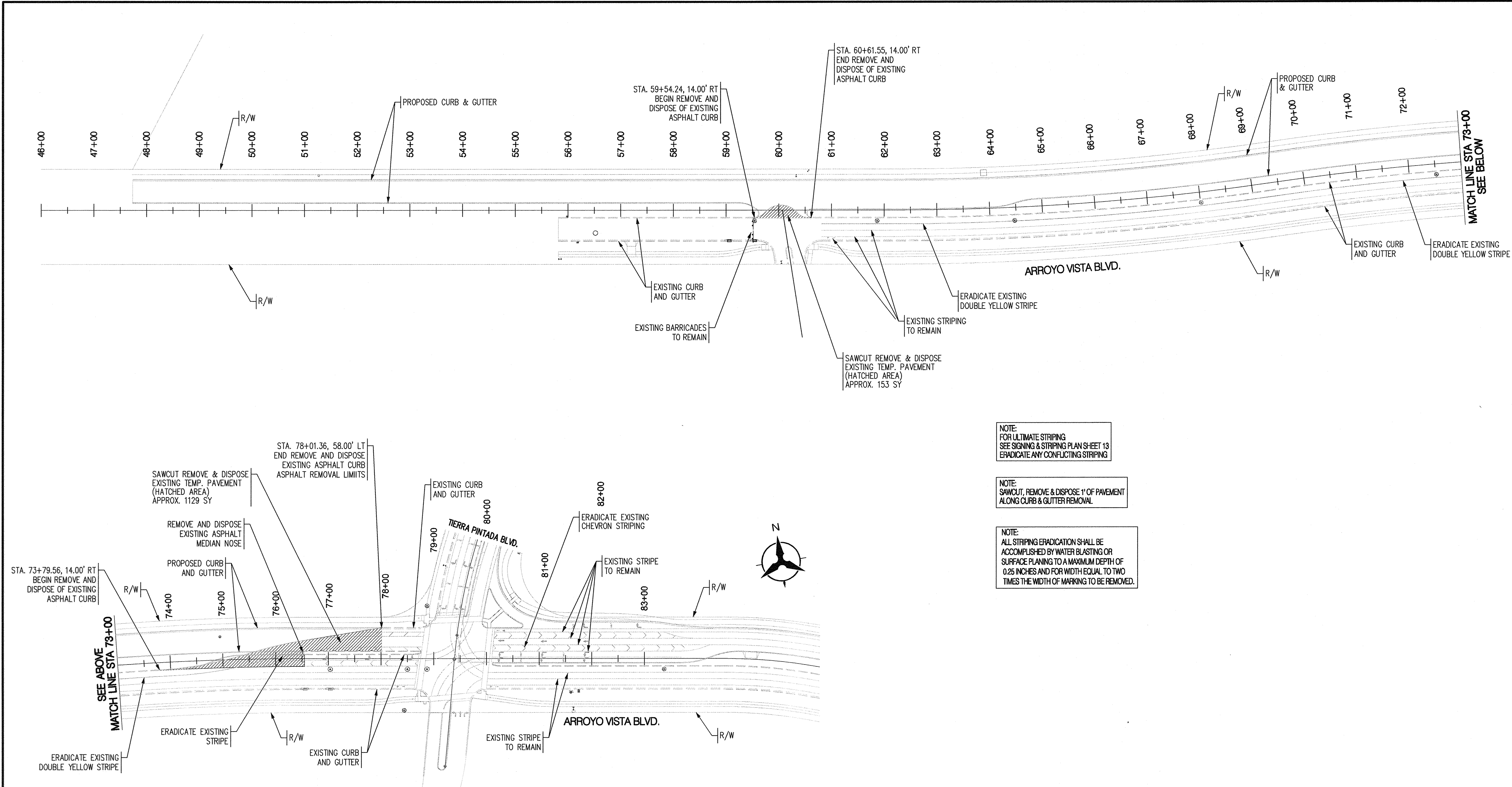
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GPS Calibration Report

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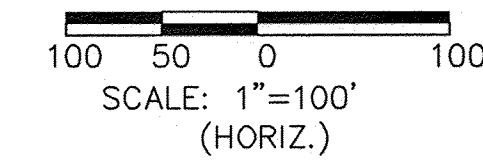
Latitude	35°13'04.52618"N	Easting	1487039.018sf	Northing	1535512.658sf
Longitude	106°45'48.07272"W	Elevation	5602.568sf	Easting	1487039.018sf
Height	5532.512sf	Horizontal error	0.000sf	Elevation	5602.574sf
		Vertical error	0.008sf	Type	Horz and Vert
		3D error	0.008sf	Point quality	Unknown quality
Point	3 C7	Northing	1524714.926sf	Point	3 C7CAL
Latitude	35°11'17.68565"N	Easting	1485559.132sf	Northing	1524714.926sf
Longitude	106°46'05.22524"W	Elevation	5690.449sf	Easting	1485559.132sf
Height	5620.212sf	Horizontal error	0.001sf	Elevation	5690.439sf
		Vertical error	0.010sf	Type	Horz and Vert
		3D error	0.011sf	Point quality	Unknown quality
Point	EAGLEAIR	Northing	1509040.795sf	Point	EAGLEAIRCAL
Latitude	35°08'42.41524"N	Easting	1480046.786sf	Northing	1509040.795sf
Longitude	106°47'10.59996"W	Elevation	5800.538sf	Easting	1480046.785sf
Height	5730.185sf	Horizontal error	0.002sf	Elevation	5800.543sf
		Vertical error	0.005sf	Type	Horz and Vert
		3D error	0.006sf	Point quality	Unknown quality
Point	2 H6	Northing	1495283.476sf	Point	2 H6CAL
Latitude	35°06'26.22840"N	Easting	1477113.247sf	Northing	1495283.476sf
Longitude	106°47'45.00592"W	Elevation	5817.615sf	Easting	1477113.247sf
Height	5747.151sf	Horizontal error	0.000sf	Elevation	5817.612sf
		Vertical error	0.003sf	Type	Horz and Vert
		3D error	0.003sf	Point quality	Unknown quality
Point	2 A10	Northing	1530854.634sf	Point	2 A10CAL
Latitude	35°12'19.09663"N	Easting	1499862.702sf	Northing	1530854.634sf
Longitude	106°43'13.29720"W	Elevation	5362.952sf	Easting	1499862.703sf
Height	5292.785sf	Horizontal error	0.001sf	Elevation	5362.970sf
		Vertical error	0.018sf	Type	Horz and Vert
		3D error	0.018sf	Point quality	Unknown quality
Point	7 C10	Northing	1522344.600sf	Point	7 C10CAL
Latitude	35°10'54.91812"N	Easting	1499153.319sf	Northing	1522344.600sf
Longitude	106°43'21.35572"W	Elevation	5425.278sf	Easting	1499153.319sf
Height	5354.960sf	Horizontal error	0.000sf	Elevation	5425.208sf
		Vertical error	0.068sf	Type	Horz and Vert
		3D error	0.068sf	Point quality	Unknown quality
Point		Northing	?	Point	
Latitude	35°09'35.41403"N	Easting	?	Northing	?
Longitude	106°45'46.94769"W	Elevation	?	Easting	?
Height	5589.011sf	Horizontal error	?	Elevation	?
		Vertical error	?	Type	(Ignored)
		3D error	?	Point quality	



NOTE:
FOR ULTIMATE STRIPING
SEE SIGNING & STRIPING PLAN SHEET 13
ERADICATE ANY CONFLICTING STRIPING

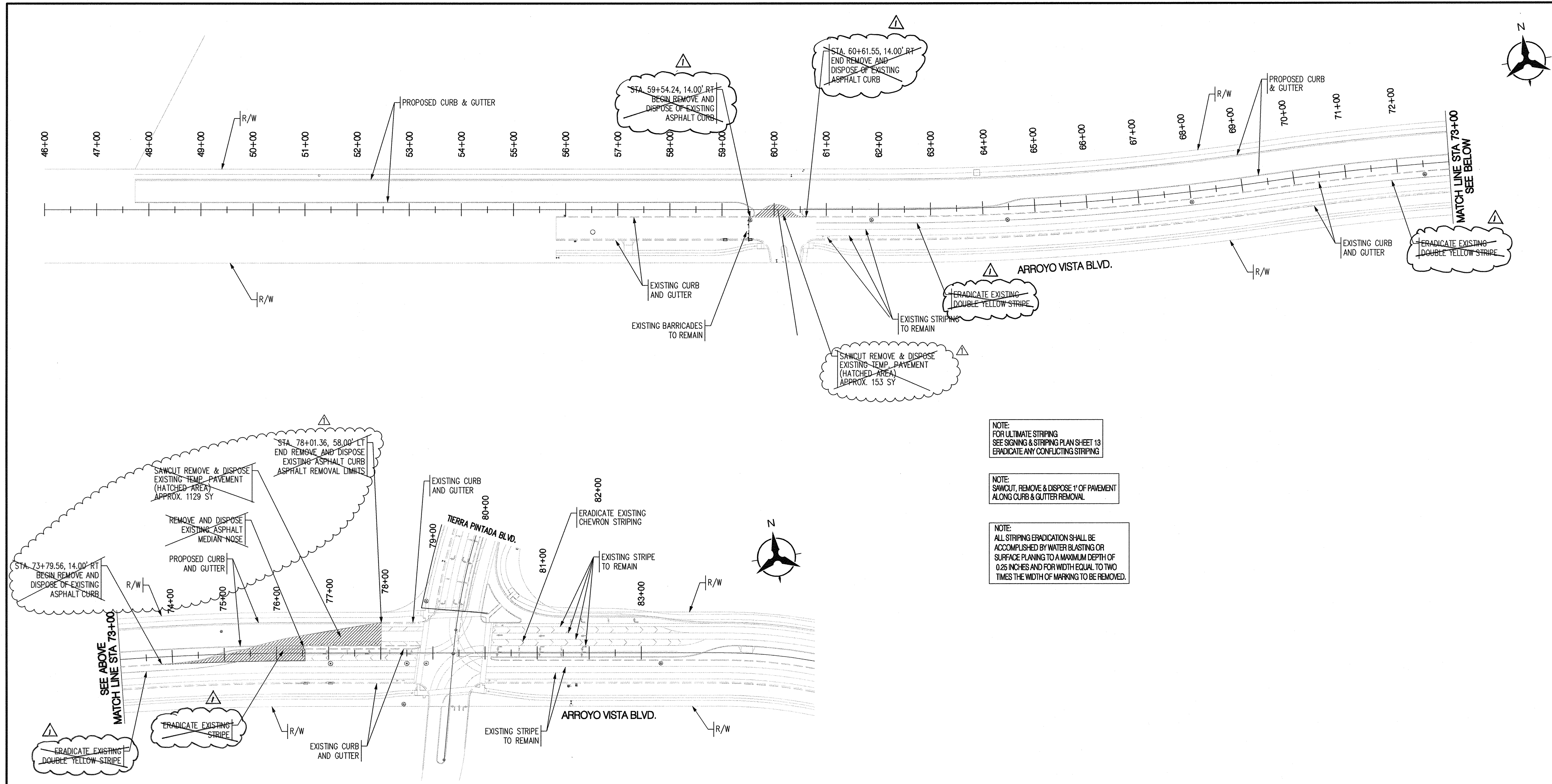
NOTE:
SAWCUT, REMOVE & DISPOSE 1" OF PAVEMENT
ALONG CURB & GUTTER REMOVAL

NOTE:
ALL STRIPING ERADICATION SHALL BE
ACCOMPLISHED BY WATER BLASTING OR
SURFACE PLANING TO A MAXIMUM DEPTH OF
0.25 INCHES AND FOR WIDTH EQUAL TO TWO
TIMES THE WIDTH OF MARKING TO BE REMOVED.



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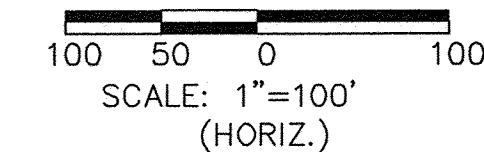
		CITY OF ALBUQUERQUE	
		DEPARTMENT OF MUNICIPAL DEVELOPMENT	
ARROYO VISTA PH-2 / APS WESTSIDE SPORTS COMPLEX PUBLIC INFRASTRUCTURE			
DEMOLITION PLAN			
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
CITY PROJECT NO. 650273		ZONE MAP NO. J-7,J-8,K-7,K-8	SHEET 4 OF 18



NOTE:
FOR ULTIMATE STRIPING
SEE SIGNING & STRIPING PLAN SHEET 13
ERADICATE ANY CONFLICTING STRIPING

NOTE:
SAWCUT, REMOVE & DISPOSE 1" OF PAVEMENT
ALONG CURB & GUTTER REMOVAL

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0.25 INCHES AND FOR WIDTH EQUAL TO TWO
TIMES THE WIDTH OF MARKING TO BE REMOVED.



SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION	
NO.	BY	DATE	USC&GS BRASS DISC STAMPED "REWARD 1969"	CONTRACTOR	DATE
			GEOGRAPHIC POSITION (NAD 83)	STAKED BY	DATE
			N.M. STATE PLANE COORDINATES	INSPECTOR'S	DATE
			(CENTRAL ZONE)	IN COMPLIANCE BY	DATE
			N=1487364.063 E=1491190.819	VERIFICATION BY	DATE
			GROUND TO GRID = 0.999675005	CORRECTIONS	DATE
			DELTA ALPHA = -007712.26"	MICRO-FILM INFORMATION	
			NAVD 1988 ELEVATION = 5319.688	RECORDED BY	DATE
				NO.	DATE



REVISIONS		DESIGN	
NO.	DATE	REMARKS	BY
1		DESIGN	
2			
3			
4			
5			
6			
7			
8			
9			
10			

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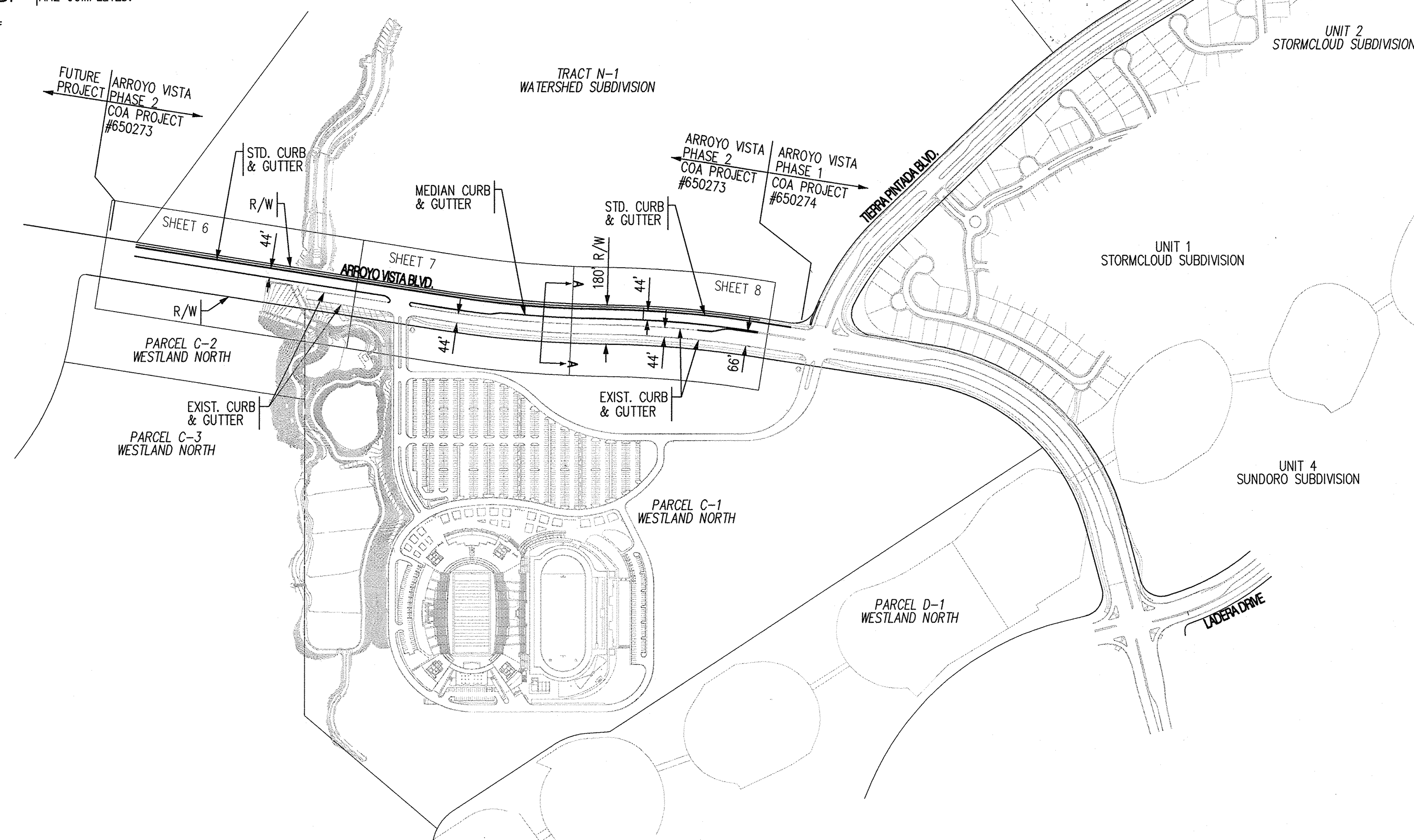
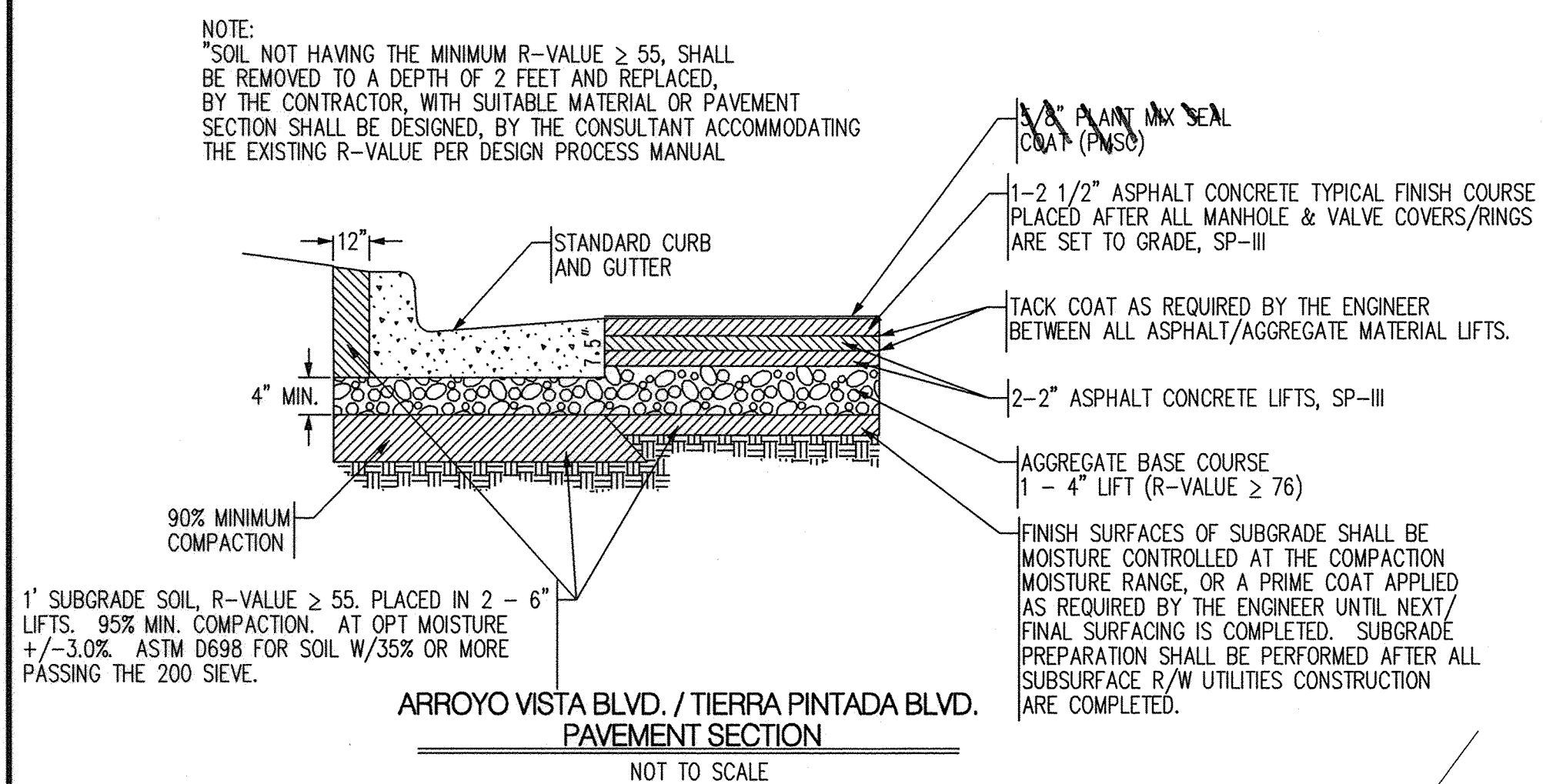
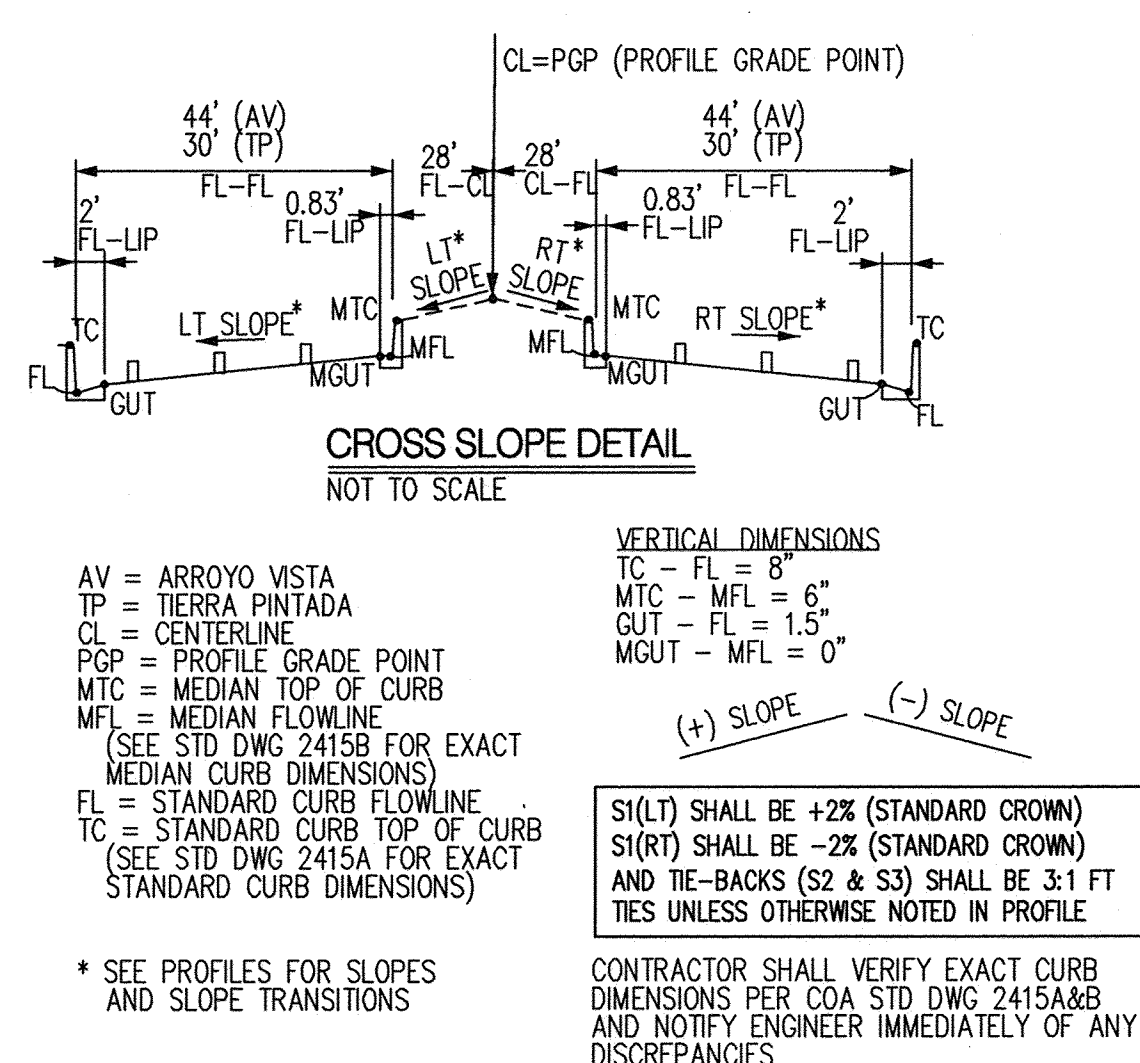
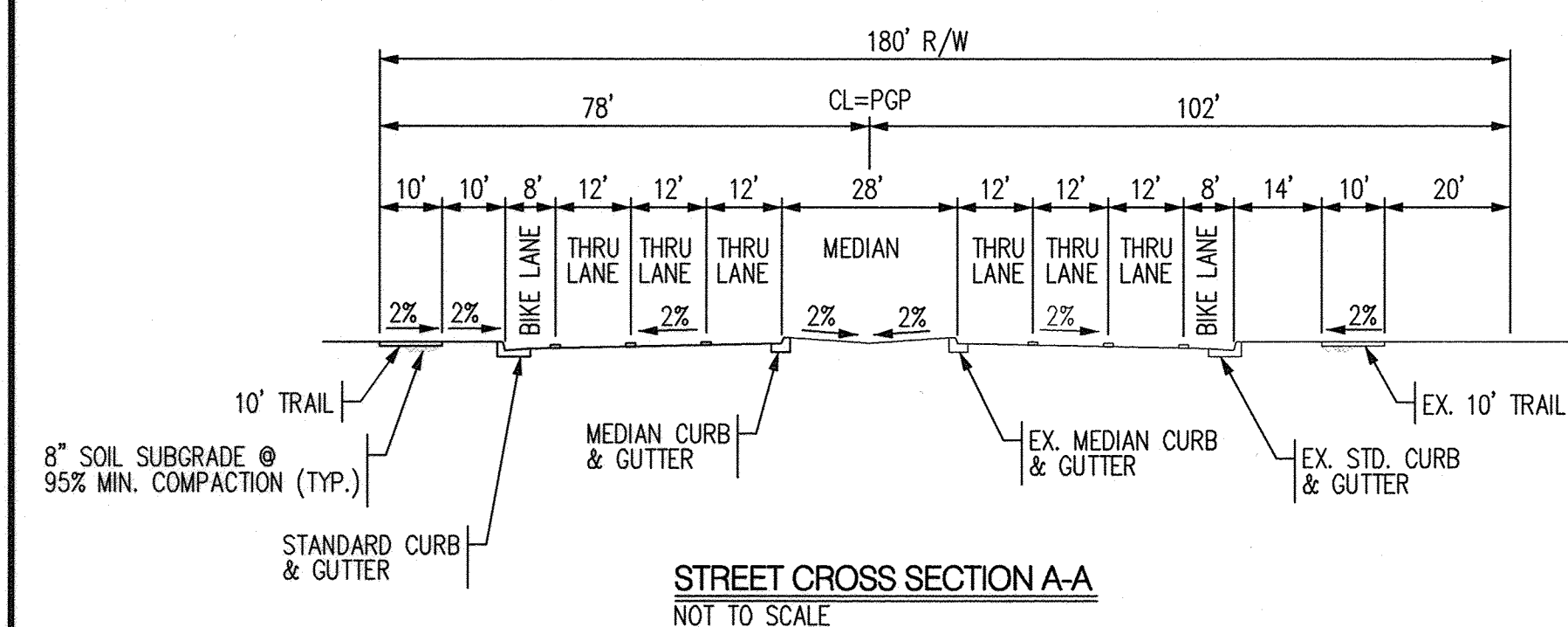
CITY OF ALBUQUERQUE
 DEPARTMENT OF
 MUNICIPAL DEVELOPMENT

ARROYO VISTA PH2 / APS WESTSIDE SPORTS COMPLEX PUBLIC INFRASTRUCTURE

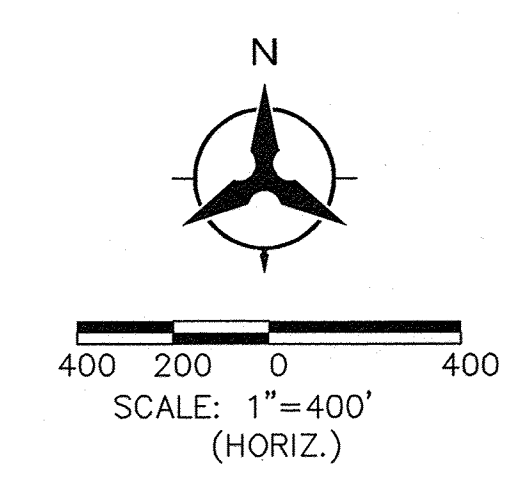
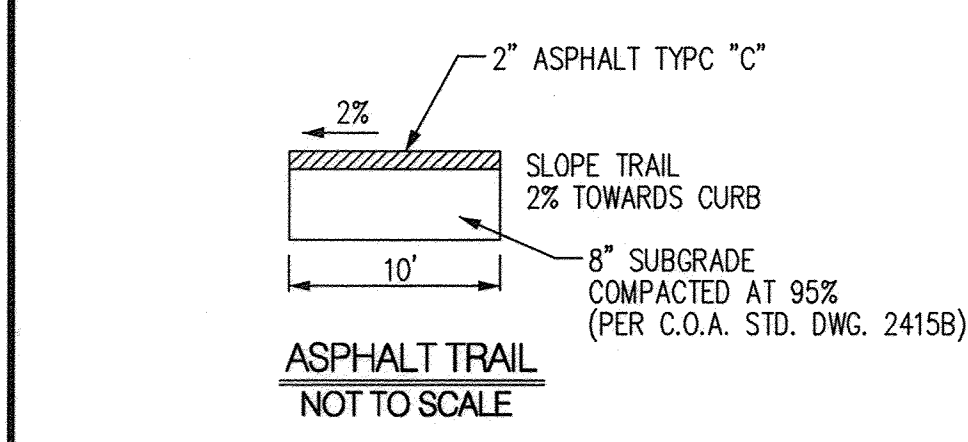
DEMOLITION PLAN

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
650273	J-7,J-8,K-7,K-8	4A	18




- LEGEND
- PROPOSED CURB AND GUTTER
 - EXISTING CURB AND GUTTER
 - FUTURE CURB AND GUTTER
 - PROPOSED STORM DRAIN MANHOLE
 - EXISTING STORM DRAIN MANHOLE
 - PROPOSED SANITARY SEWER MANHOLE
 - EXISTING SANITARY SEWER MANHOLE
 - PROPOSED FIRE HYDRANT
 - PROPOSED GATE VALVE
 - EXISTING GATE VALVE
 - STREET LIGHT
 - PROPOSED STOP SIGN



AS-BUILT INFORMATION			BENCH MARKS			SURVEY INFORMATION			ENGINEER'S SEAL		
CONTRACTOR	DATE		USC&GS BRASS DISC	STAMPED	"REWARD 1969"	FIELD NOTES	NO.	BY	DATE	NO.	BY
FEI	5/13										
WORKED BY	DATE		GEOGRAPHIC POSITION	(NAD 83)							
BY	DATE		N.M. STATE PLANE COORDINATES								
BHI	5/13		(CENTRAL ZONE)								
FIELD	DATE		N=1487364.063 E=1491190.819								
BY	DATE		GROUND TO GRID = 0.999675005								
BHI	5/13		DELTA ALPHA = -001712.26"								
DRAWINGS	DATE		NAVD 1988 ELEVATION = 5319.888								
CORRECTED BY	DATE										
MICRO-FILM INFORMATION	DATE										
RECORDED BY	DATE										
	DATE										

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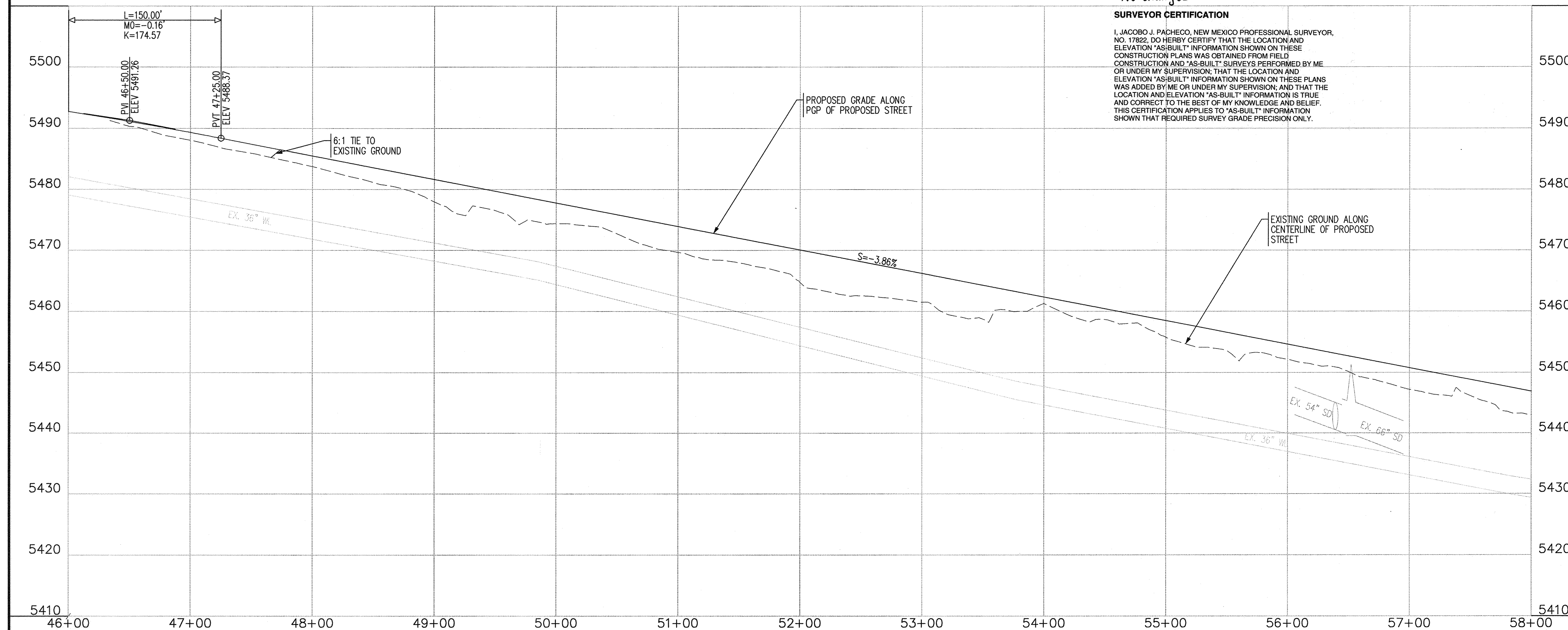
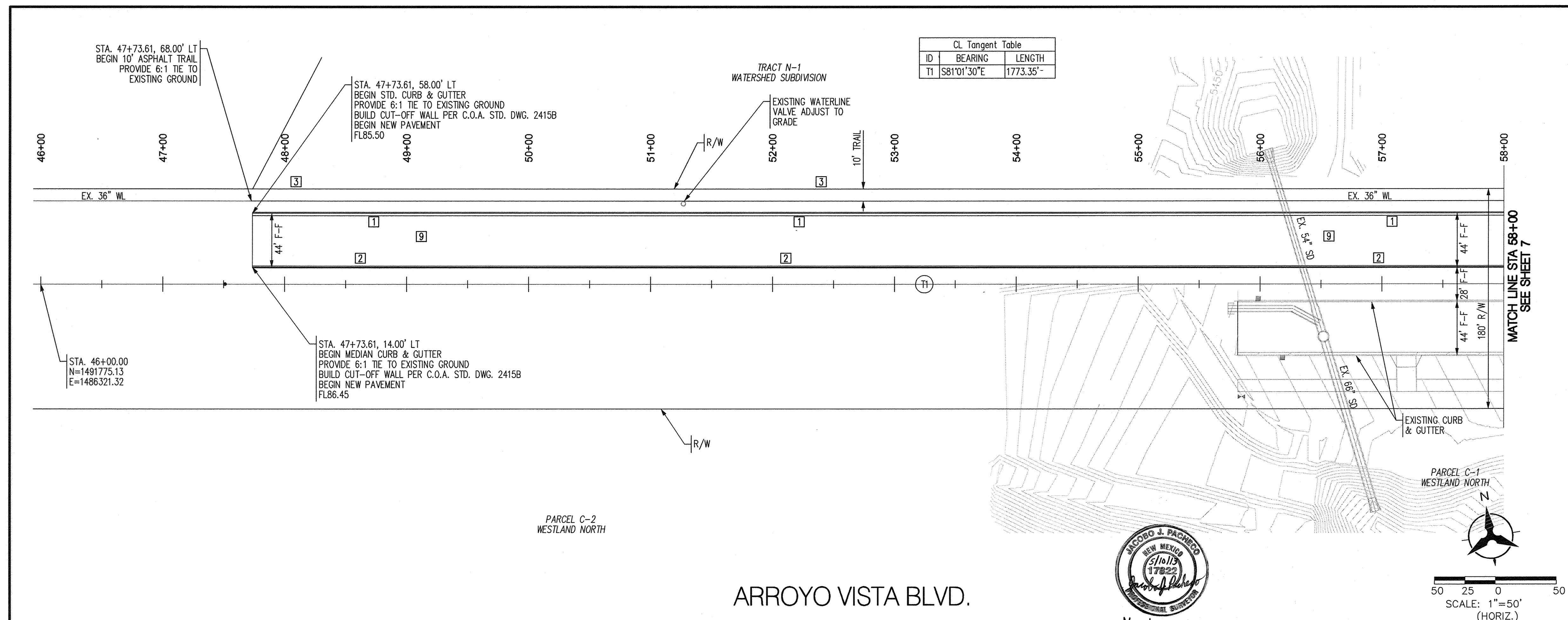
CITY OF ALBUQUERQUE
DEPARTMENT OF
MUNICIPAL DEVELOPMENT

ARROYO VISTA PH2 / APS WESTSIDE SPORTS COMPLEX PUBLIC INFRASTRUCTURE

OVERALL PAVING PLAN


DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
APPROVED JUL 24 2012 DESIGN REVIEW COMMITTEE	APPROVED AUG 15 2012 CITY ENGINEER		
CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
650273	J-7,J-8,K-7,K-8	5	18

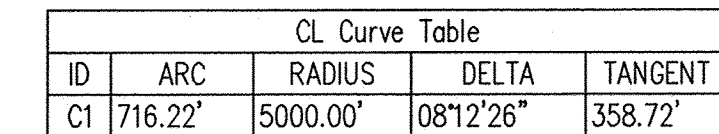
RECORD DRAWINGS



SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION	
NO.	FIELD NOTES	DATE	BY	CONTRACTOR	DATE
		USC&GS BRASS DISC STAMPED "REWARD 1969"		CONTRACTOR F.E.	5/13
		USC&GS BRASS DISC STAMPED "REWARD 1969"		INSPECTOR'S ACCEPTANCE BY B.H.Z.	5/13
		USC&GS BRASS DISC STAMPED "REWARD 1969"		VERIFICATION BY B.H.Z.	5/13
		USC&GS BRASS DISC STAMPED "REWARD 1969"		CORRECTED BY B.H.Z.	5/13
		USC&GS BRASS DISC STAMPED "REWARD 1969"		MICRO-FILM INFORMATION	
		USC&GS BRASS DISC STAMPED "REWARD 1969"		RECORDED BY	DATE
		USC&GS BRASS DISC STAMPED "REWARD 1969"		NO.	DATE

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	<h1 style="margin: 0;">CITY OF ALBUQUERQUE</h1> <h2 style="margin: 0;">DEPARTMENT OF MUNICIPAL DEVELOPMENT</h2>																	
<h3 style="margin: 0;">ARROYO VISTA PH2 / APS WESTSIDE SPORTS COMPLEX PUBLIC INFRASTRUCTURE</h3> <h3 style="margin: 0;">PAYING PLAN & PROFILE</h3> <h3 style="margin: 0;">ARROYO VISTA BLVD.</h3>																		
<div style="border: 1px solid black; padding: 5px; text-align: center;"> DESIGN REVIEW COMMITTEE <div style="border: 1px solid black; padding: 10px; margin: 5px 0;"> APPROVEN JUL 24 2012 DESIGN REVIEW COMMITTEE </div> </div>	<div style="border: 1px solid black; padding: 5px; text-align: center;"> CITY ENGINEER APPROVAL <div style="border: 1px solid black; padding: 10px; margin: 5px 0;"> APPROVEN AUG 15 2012 CITY ENGINEER </div> </div>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">MO./DAY/YR.</td> <td style="width: 50%; text-align: center;">MO./DAY/YR.</td> </tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table>	MO./DAY/YR.	MO./DAY/YR.														
MO./DAY/YR.	MO./DAY/YR.																	
<div style="border: 1px solid black; padding: 5px; text-align: center;"> LAST DESIGN UPDATE </div>		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 33%;">GITY PROJECT NO.</td> <td style="width: 33%;">ZONE MAP NO.</td> <td style="width: 34%;">SHEET</td> </tr> <tr> <td style="text-align: center; font-size: 24px;">650273</td> <td style="text-align: center; font-size: 24px;">J-7,J-8,K-7,K-8</td> <td style="text-align: center;"> 6 OF 18 </td> </tr> </table>	GITY PROJECT NO.	ZONE MAP NO.	SHEET	650273	J-7,J-8,K-7,K-8	6 OF 18										
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650273	J-7,J-8,K-7,K-8	6 OF 18																



CL Tangent Table		
ID	BEARING	LENGTH
T1	S81°01'30"E	1773.35'

MEDIAN Point Table			
○	STATION	OFFSET	ELEVATION
1	59+24.84	14.00' LT	5441.37
2	59+59.84	0.29' RT	5440.45
3	60+61.55	2.00' LT	5437.22
4	61+00.00	2.00' LT	5436.06
5	61+50.00	2.00' LT	5434.56
6	62+00.00	2.00' LT	5433.55
7	62+50.00	2.00' LT	5431.48
8	63+00.00	2.00' LT	5429.84
9	63+50.00	2.00' LT	5428.13
10	64+06.11	2.00' LT	5426.20
11	64+27.98	3.55' LT	5425.42
12	64+49.41	8.18' LT	5424.59
13	64+69.64	12.54' LT	5423.80
14	64+90.28	14.00' LT	5423.07

MEDIAN Curve Table				
ID	ARC	RADIUS	DELTA	TANGENT
C3	38.76'	50.00'	44°24'55"	20.41'
C4	43.85'	150.00'	16°44'58"	22.08'
C5	41.32'	150.00'	15°47'06"	20.79'

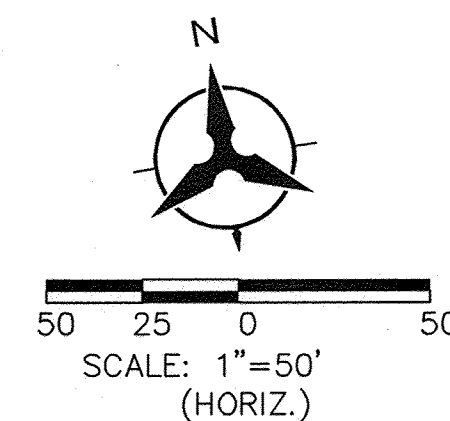
SD Tangent Table		
ID	BEARING	LENGTH
T1	N80°35'00"W	48.00'
T2	N08°58'30"E	55.00'

STORM DRAIN FLOW TABLE						
ID	Q(cfs)	V(cfs)	DEPTH	LENGTH	SIZE	SLOPE
T2	12.86	4.09	2.0'	55.00'	24"	3.85%

See Sheet 7A

SURVEYOR CERTIFICATION

I, JACOB O. PACHECO, NEW MEXICO PROFESSIONAL SURVEYOR NO. 17822, DO HEREBY CERTIFY THAT THE LOCATION AND ELEVATION "AS-BUILT" INFORMATION SHOWN ON THESE CONSTRUCTION PLANS WAS OBTAINED FROM FIELD CONSTRUCTION AND "AS-BUILT" SURVEYS PERFORMED BY ME OR UNDER MY SUPERVISION; THAT THE LOCATION AND ELEVATION "AS-BUILT" INFORMATION SHOWN ON THESE PLANS WAS ADDED BY ME OR UNDER MY SUPERVISION; AND THAT THE LOCATION AND ELEVATION "AS-BUILT" INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THIS CERTIFICATION APPLIES TO "AS-BUILT" INFORMATION SHOWN THAT REQUIRED SURVEY GRADE PRECISION ONLY.




1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
2. ALL CURB RETURN RADII SHALL BE 25' UNLESS OTHERWISE SPECIFIED.
3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
4. GRADE ELEVATIONS, WHERE NOTED, ARE ALONG FLOWLINE OF CURB UNLESS OTHERWISE SPECIFIED.
5. CONTRACTOR IS TO INSTALL A 4" X 4" X 5' POST AND EMB AT THE END OF EACH SANITARY SEWER SERVICE.
6. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
7. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
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9. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
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11. REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415A (AT NEAREST JOINT).
12. WHEELCHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.
13. 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.
14. ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.

- 1 STD. CURB & GUTTER PER COA STD. DWG. 2415A
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- 9 PAVEMENT DESIGN SECTION SEE SHEET 5

FOR INFORMATION ON FLOWLINE AND MEDIAN FLOWLINE
CALCULATIONS FROM PROFILE GRADE POINT (PGP) SEE
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GENERAL NOTE:
ALL STORM DRAIN MANHOLES SHALL BE
6' DIAMETER TYPE "E" AS PER STANDARD
DRAWING 2102 UNLESS OTHERWISE NOTED.

Bohannon  Huston
 Courtyard | 7500 Jefferson St. NE Albuquerque, NM 87109-4335

 **CITY OF ALBUQUERQUE**
DEPARTMENT OF
MUNICIPAL DEVELOPMENT

ARROYO VISTA PH2 / APS WESTSIDE SPORTS COMPLEX PUBLIC INFRASTRUCTURE

PAVING PLAN & PROFILE
ARROYO VISTA BLVD.

CITY ENGINEER APPROVAL
APPROVE
AUG 15 2012
CITY ENGINEER

LAST DESIGN UPDATE	
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	A

MO./DAY/

YR.	M

NO./DAY	

/YR.

P:\20110349\CDP\Plans\PNP\Phase2B\20110349_ppnp02.dgn
4/20/2012

BHI JOB NO. 20110349

SCALE: 1" = 50' (HORIZ.)
1" = 10' (VERT.)

CITY PROJECT NO.

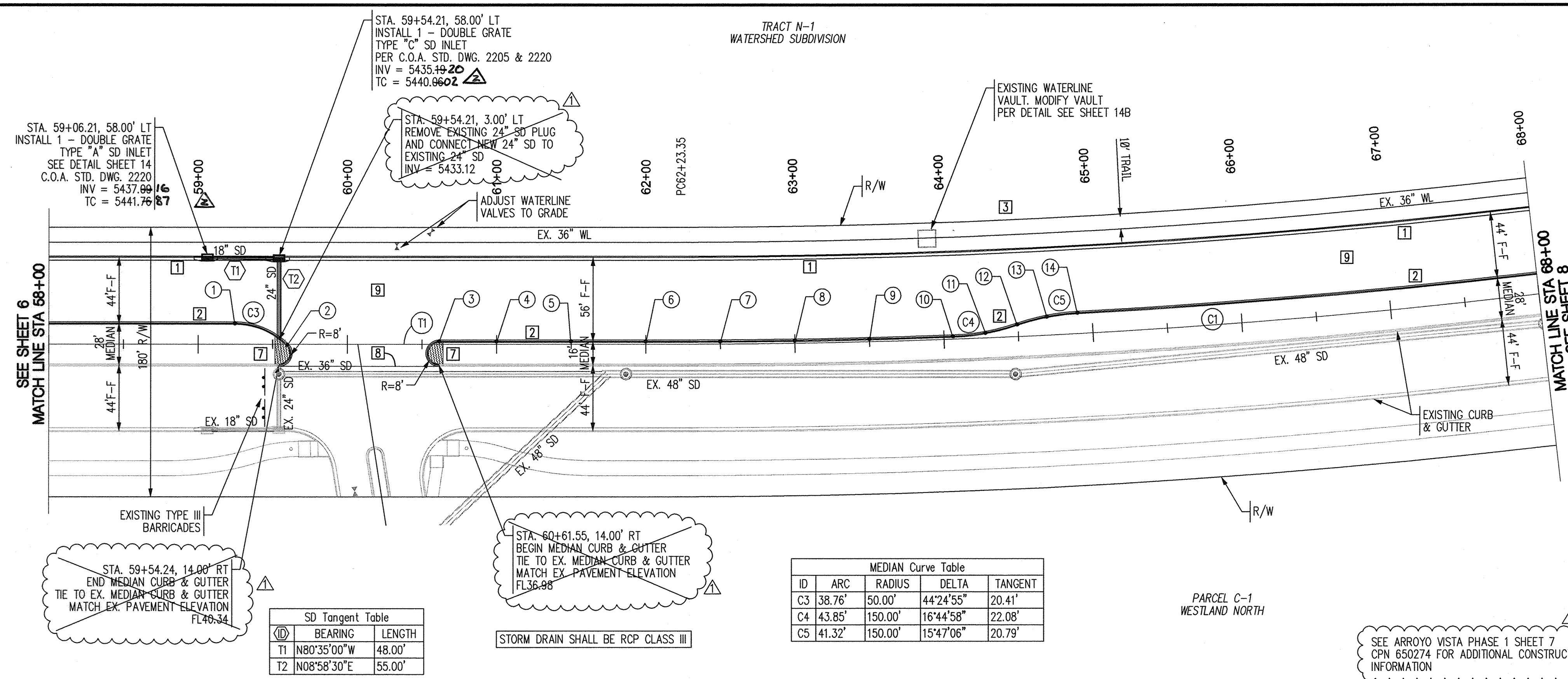
650273

ZONE MAP NO.
J-7.J-8.K-7.K-8

7 OF 18

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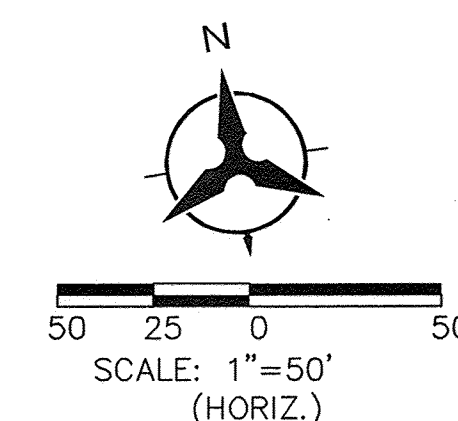
RECORD DRAWINGS



CL Curve Table				
ID	ARC	RADIUS	DELTA	TANGENT
C1	716.22'	5000.00'	08°12'26"	358.72'

CL Tangent Table		
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7	62+50.00	2.00' LT	5431.46
8	63+00.00	2.00' LT	5429.84
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KEYED NOTES

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CALCULATIONS FROM PROFILE GRADE POINT (PGP) SEE
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GENERAL NOTE:
ALL STORM DRAIN MANHOLES SHALL BE
6' DIAMETER TYPE "E" AS PER STANDARD
DRAWING 2102 UNLESS OTHERWISE NOTED.

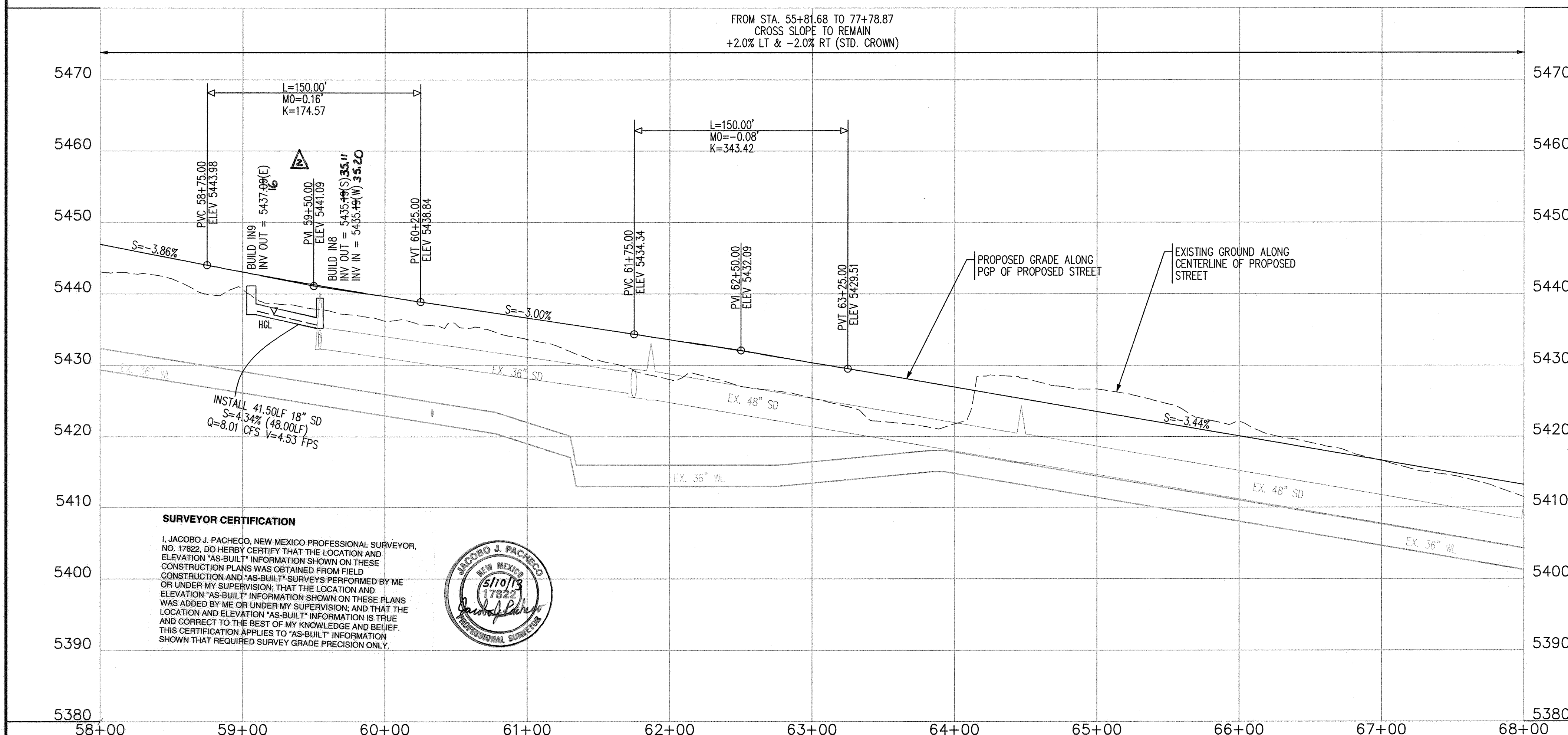
Bohannon  Huston
 Courtyard | 7500 Jefferson St. NE Albuquerque, NM 87109-4335

 **CITY OF ALBUQUERQUE**
DEPARTMENT OF
MUNICIPAL DEVELOPMENT

ARROYO VISTA PH2 / APS WESTSIDE SPORTS COMPLEX PUBLIC INFRASTRUCTURE
PAVING PLAN & PROFILE
ARROYO VISTA BLVD.

DESIGN REVIEW COMMITTEE		CITY ENGINEER APPROVAL	MO./DAY/YR.	
		LAST DESIGN UPDATE		

CITY PROJECT NO.	650273	ZONE MAP NO.	J-7,J-8,K-7,K-8	SHEET	7A	OF	18
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P: \20110349\CDP\Plans\PNP\Phase2B\20110349_ppnp02-bidlot.dgn
4/20/2012

BHI JOB NO. 20110349

SCALE: 1" = 50' (HORIZ.)
1" = 10' (VERT.)

MEDIAN Point Table		
STATION	OFFSET	ELEVATION
1 74+22.53	14.00' RT	5388.70
2 74+50.50	11.30' RT	5387.72
3 74+77.41	3.32' RT	5386.97
4 75+05.88	5.15' LT	5386.17
5 75+35.41	8.00' LT	5385.31
6 76+00.00	8.00' LT	5383.31

MEDIAN Curve Table				
ID	ARC	RADIUS	DELTA	TANGENT
C6	56.14'	150.00'	21°26'34"	28.40'
C7	59.52'	150.00'	22°43'59"	30.15'

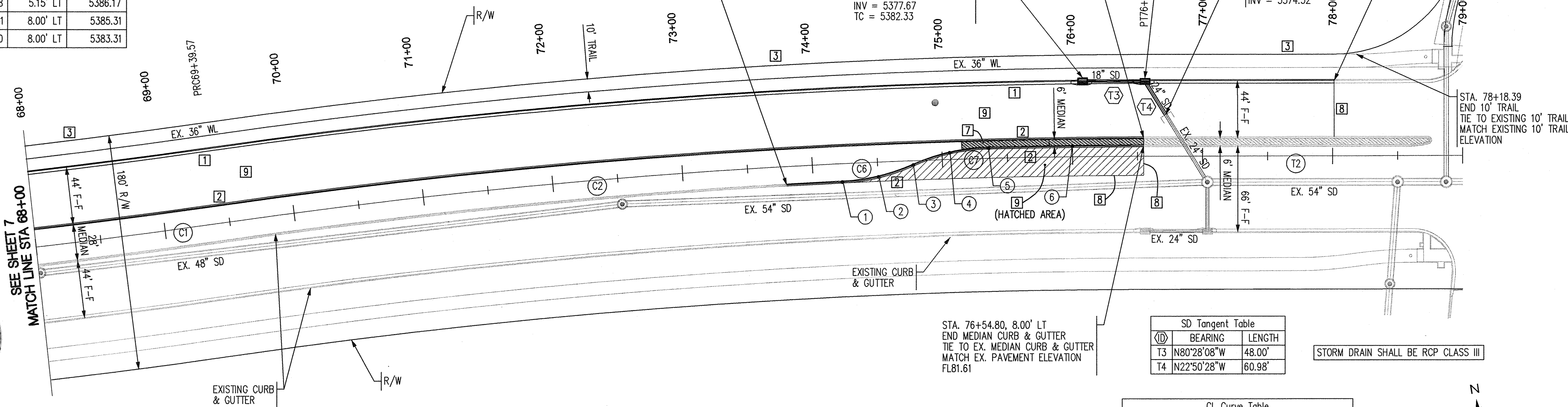
TRACT N-1
WATERSHED SUBDIVISION

STA. 73+79.45, 14.00' RT
BEGIN MEDIAN CURB & GUTTER
TIE TO EX. MEDIAN CURB & GUTTER
MATCH EX. PAVEMENT ELEVATION
FL90.37

STA. 76+08.31, 58.00' LT
INSTALL 1" - DOUBLE GRATE
TYPE "A" SD INLET
AS PER C.O.A. 2220 AND
DETAIL SHEET 14
INV = 5377.67
TC = 5382.33

STA. 76+55.77, 58.00' LT
INSTALL 1" - DOUBLE GRATE
TYPE "C" SD INLET
AS PER C.O.A. 2220
STD. DWG. 2205 & 2220
INV = 5375.99
TC = 5380.86

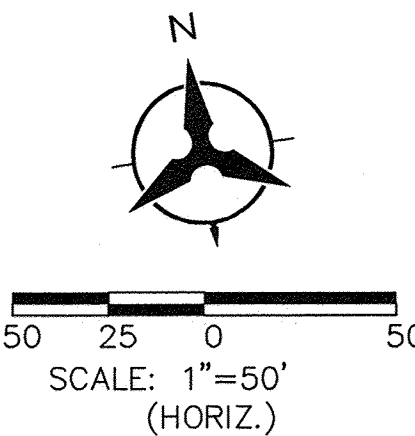
STA. 78+01.36, 58.00' LT
END STD. CURB & GUTTER
TIE TO EX. STD. CURB & GUTTER
MATCH EX. PAVEMENT ELEVATION
FL76.00



SD Tangent Table		
ID	BEARING	LENGTH
T3	N80°28'08"W	48.00'
T4	N22°50'28"W	60.98'

CL Curve Table				
ID	ARC	RADIUS	DELTA	TANGENT
C1	716.22'	5000.00'	08°12'26"	358.72'
C2	715.23'	5012.00'	08°10'35"	358.23'

CL Tangent Table		
ID	BEARING	LENGTH
T2	S81°03'21"E	463.85'

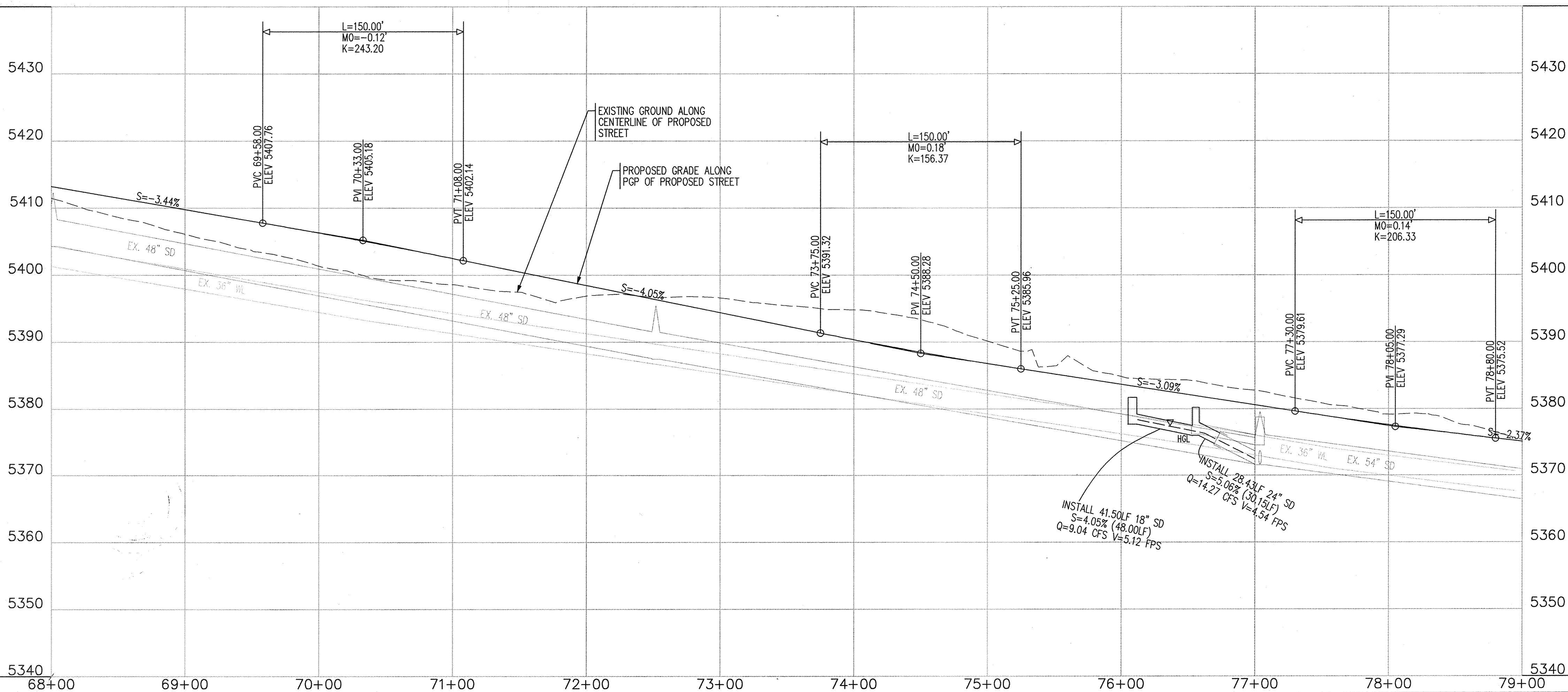


See Sheet 8A
SURVEYOR CERTIFICATION

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PARCEL C-1
WESTLAND NORTH

ARROYO VISTA BLVD.



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Bohannon & Huston
Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335

CITY OF ALBUQUERQUE
DEPARTMENT OF
MUNICIPAL DEVELOPMENT

ARROYO VISTA PH2 / APS WESTSIDE SPORTS COMPLEX PUBLIC INFRASTRUCTURE

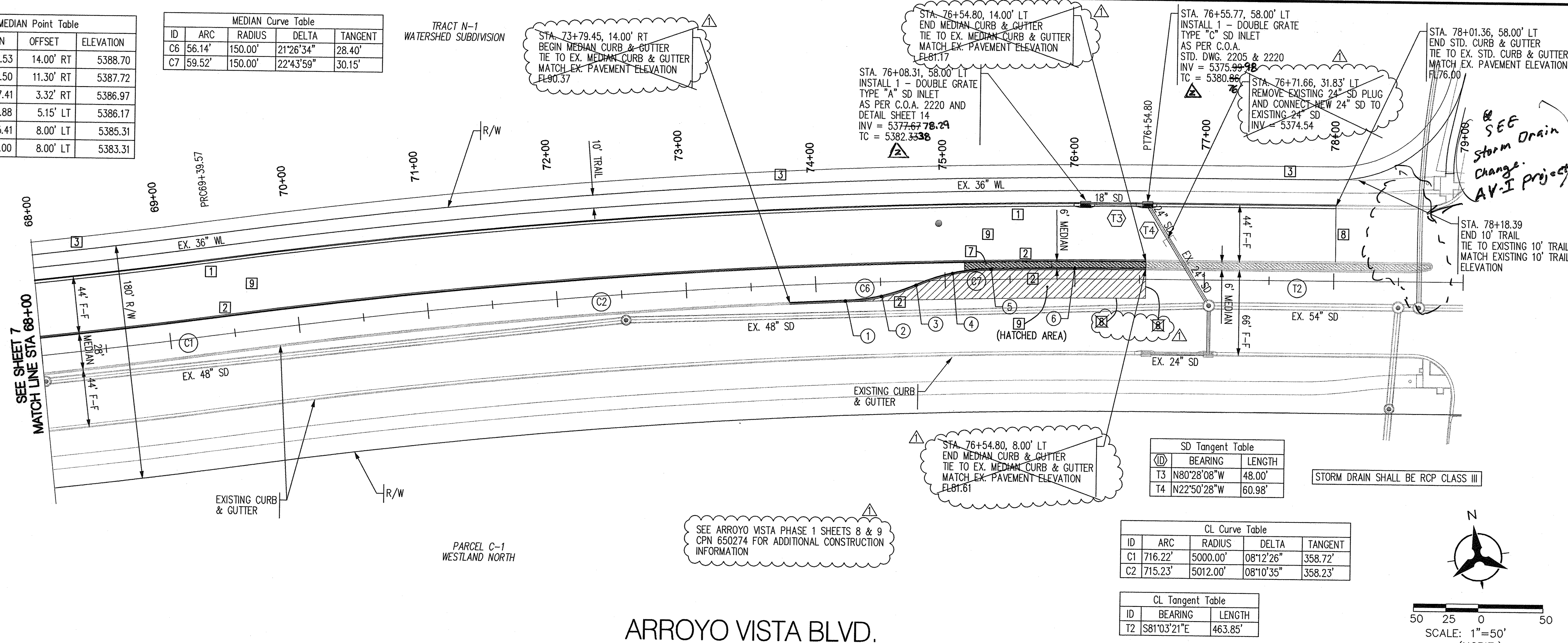
PAVING PLAN & PROFILE
ARROYO VISTA BLVD.

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
APPROVED JUL 24 2012 DESIGN REVIEW COMMITTEE	APPROVED AUG 15 2012 CITY ENGINEER		
	LAST DESIGN UPDATE		


CITY PROJECT NO. 650273 ZONE MAP NO. J-7,J-8,K-7,K-8 SHEET 8 OF 18

○	STATION	OFFSET	ELEVATION
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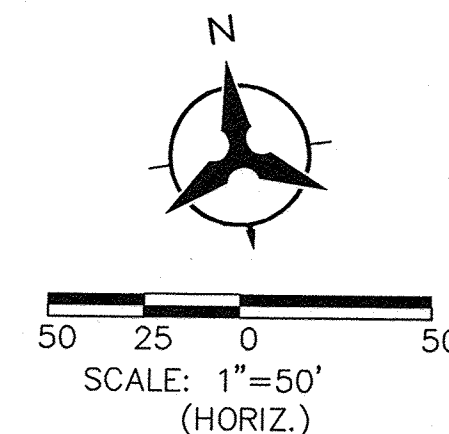


ARROYO VISTA BLVD.

SD Tangent Table		
	BEARING	LENGTH
T3	N80°28'08"W	48.00'
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T2	S81°03'21"E	463.85'



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KEYED NOTES

- 1 STD. CURB & GUTTER PER COA STD. DWG. 2415A
 - 2 MEDIAN CURB & GUTTER PER COA STD. DWG. 2415B
 - 3 BUILD 10' ASPHALT TRAIL PER DETAIL SEE SHEET 5
 - 4 NOT USED
 - 5 NOT USED
 - 6 6' EXTRUDED ASPHALT CURB PER COA STD. DWG. 2415B
WITH 4" WHITE STRIPE ALONG STREET EDGE OF CURB
 - 7 BUILD 4" TEXTURED MEDIAN PAVEMENT FROM MEDIAN NOSE
TO 10' FROM NOSE OR TO 6' MIN. WIDTH F-F AS SHOWN
ON PLANS (BAJA RED) MEDIAN NOSES SHALL BE PAINTED
YELLOW TO APPROX. 6' BEHIND PC/PT. PER COA
STD. DWG. 2408 & 2502
 - 8 EXISTING EDGE OF PAVEMENT CONTRACTOR SHALL
INSURE CLEAN EDGE PRIOR TO PAVING. SAWCUT MAY
BE NECESSARY.
 - 9 PAVEMENT DESIGN SECTION SEE SHEET 5
- FOR INFORMATION ON FLOWLINE AND MEDIAN FLOWLINE
CALCULATIONS FROM PROFILE GRADE POINT (PGP) SEE
CROSS-SECTION DETAIL ON SHEET 5

GENERAL NOTE:
ALL STORM DRAIN MANHOLES SHALL BE
6' DIAMETER TYPE "E" AS PER STANDARD
DRAWING 2102 UNLESS OTHERWISE NOTED.

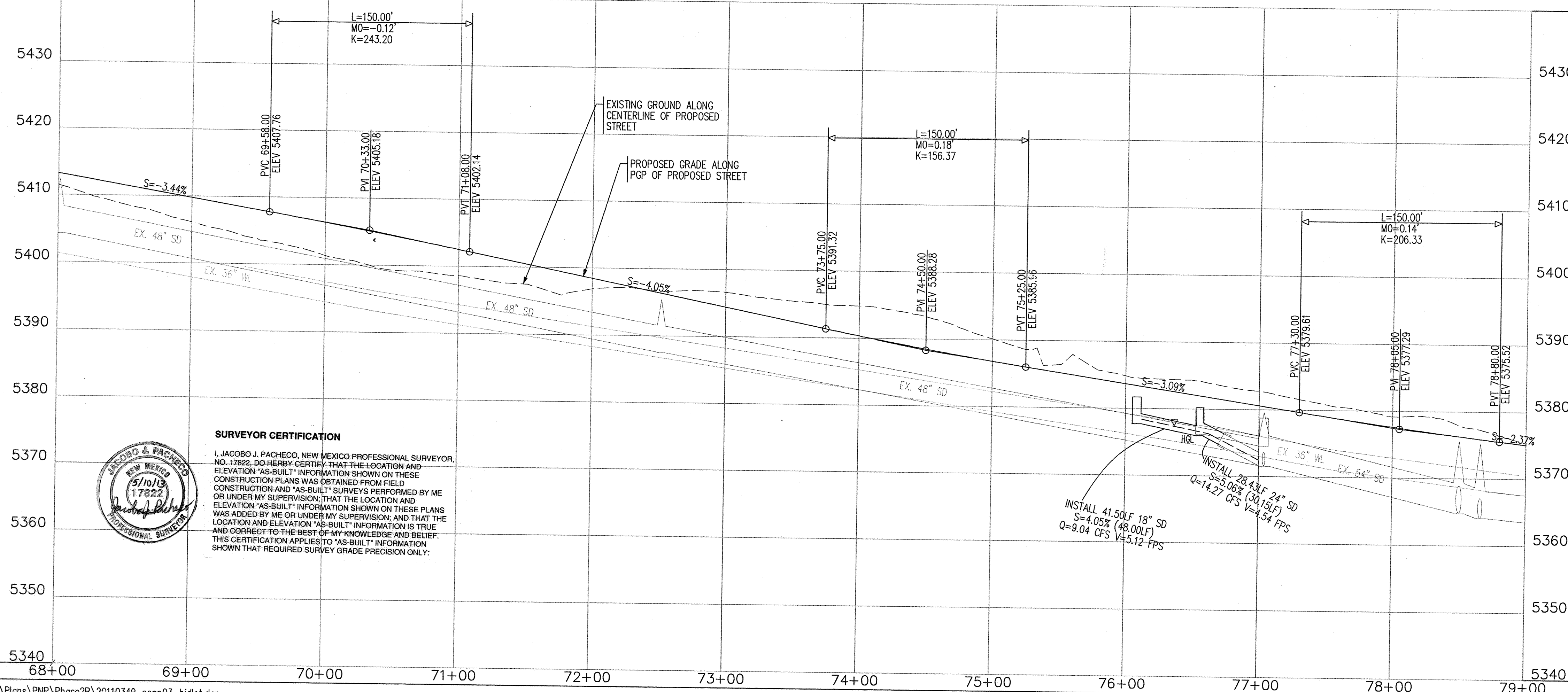
Bohannon  Huston
 Courtyard | 7500 Jefferson St. NE Albuquerque, NM 87109-4335

 **CITY OF ALBUQUERQUE**
DEPARTMENT OF
MUNICIPAL DEVELOPMENT

ARROYO VISTA PH2 / APS WESTSIDE SPORTS COMPLEX PUBLIC INFRASTRUCTURE
PAVING PLAN & PROFILE
ARROYO VISTA BLVD.

CIVIL BLVD.

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
CITY PROJECT NO.		ZONE MAP NO.	SHEET	OF
650273		J-7-J-8,K-7-K-8	8A	18



SURVEYOR CERTIFICATION

I, JACOB O. PACHECO, NEW MEXICO PROFESSIONAL SURVEYOR NO. 17822, DO HEREBY CERTIFY THAT THE LOCATION AND ELEVATION "AS-BUILT" INFORMATION SHOWN ON THESE CONSTRUCTION PLANS WAS OBTAINED FROM FIELD CONSTRUCTION AND "AS-BUILT" SURVEYS PERFORMED BY ME OR UNDER MY SUPERVISION; THAT THE LOCATION AND ELEVATION "AS-BUILT" INFORMATION SHOWN ON THESE PLANS WAS ADDED BY ME OR UNDER MY SUPERVISION; AND THAT THE LOCATION AND ELEVATION "AS-BUILT" INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THIS CERTIFICATION APPLIES TO "AS-BUILT" INFORMATION SHOWN THAT REQUIRED SURVEY GRADE PRECISION ONLY.

P:\20110349\CDP\Plans\PNP\Phase2B\20110349_ppnp03-bidlot.dgn
8/22/2012

BHI JOB NO. 20110349

SCALE: 1" = 50' (HORIZ.)
1" = 10' (VERT.)

	CITY PROJECT NO.
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ZONE MAP NO.
J-7, J-8, K-7.

SHEET	OF
8A	18

RECORD DRAWINGS

LEGEND

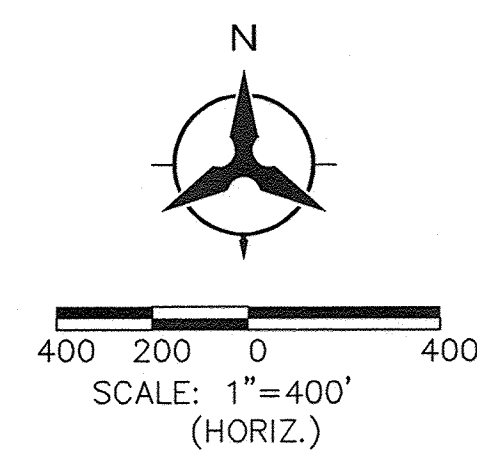
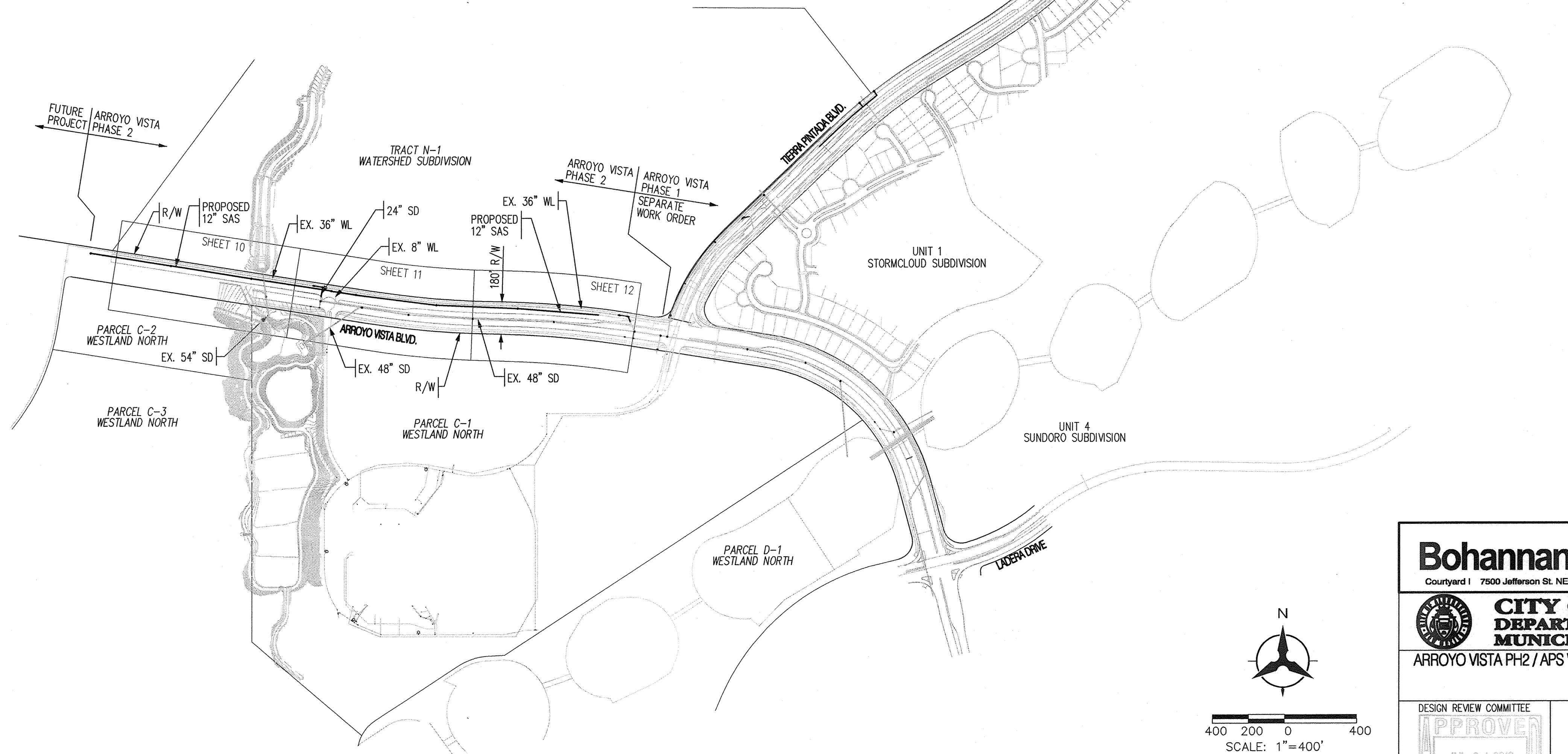
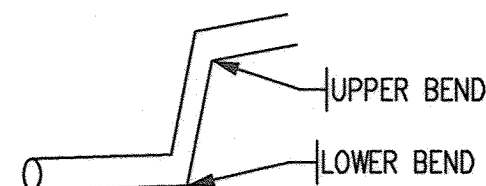
PROPOSED CURB AND GUTTER	=====
EXISTING CURB AND GUTTER	=====
FUTURE CURB AND GUTTER	=====
PROPOSED STORM DRAIN MANHOLE	⊙
EXISTING STORM DRAIN MANHOLE	⊙
PROPOSED SANITARY SEWER MANHOLE	●
EXISTING SANITARY SEWER MANHOLE	○
PROPOSED FIRE HYDRANT	●
PROPOSED GATE VALVE	⊗
EXISTING GATE VALVE	⊗
PROPOSED STORM DRAIN	SD
PROPOSED SANITARY SEWER	SAS
PROPOSED WATER LINE	W
STORM DRAIN INLET	—
STORM DRAIN CULVERT	—
EXISTING STORM DRAIN	SD
EXISTING SANITARY SEWER	SAS
EXISTING WATER LINE	W

RESTRAINING JOINT TABLE

MECHANICAL JOINTS	LENGTH OF RESTRAINED JOINTS				
	6"	8"	10"	12"	14"
6" X 8" TEE	1	—	—	—	—
8" X 8" TEE	—	1	—	—	—
8" X 10" TEE	—	—	1	—	—
8" X 12" TEE	—	—	—	1	—
10" X 10" TEE	—	—	1	—	—
10" X 12" TEE	—	—	—	1	—
10" X 14" TEE	—	—	1	—	—
8" X 8" CROSS	—	1	—	—	—
8" X 12" CROSS	—	—	—	—	—
8" X 6" REDUCER	—	23	—	—	—
10" X 8" REDUCER	—	—	22	—	—
12" X 8" REDUCER	—	—	—	42	—
12" X 10" REDUCER	—	—	—	25	—
90° HORIZ. BEND	16	20	24	23	27
45° HORIZ. BEND	7	8	10	10	11
22.5° HORIZ. BEND	4	4	5	6	5
11.25° HORIZ. BEND	2	2	2	3	3
GATE VALVE/CAP	42	55	66	60	57
22.5° VERT. BEND (UPPER)	9	7	8	10	11
(LOWER)	3	2	3	3	4
11.25° VERT. BEND (UPPER)	5	3	4	5	6
(LOWER)	2	1	1	2	2

* NOTE:
 6" WL, 8" WL & 10" WL TO BE PVC (C-900)
 12" WL & 14" WL TO BE DUCTILE IRON PIPE
 95° test bend upper 18 23 28 33
 lower 5 6 7 7
 C-900
 NOTE:

- ALL MECHANICAL JOINTS SHALL BE RESTRAINED AT THE FITTING.
- THE CONTRACTOR SHALL PROVIDE A MINIMUM PIPE LENGTH OF 20 LF FROM ALL MECHANICAL JOINTS. ALL PIPE POINTS WITHIN 20 LF OF MJ SHALL BE RESTRAINED AT THE CONTRACTORS EXPENSE.
- THE CONTRACTOR SHALL RESTRAIN ALL PIPE JOINTS IN THE SPECIFIED DISTANCE LISTED IN THE TABLE ABOVE. (SEE NOTE 2 ABOVE).
- THE CONTRACTOR SHALL RESTRAIN ALL FIRE HYDRANT JOINTS FROM THE TEE ON THE MAIN TO THE FIRE HYDRANT FLANGE.
- ALL CAPS SHALL UTILIZE PCC BLOCKING, UNLESS OTHERWISE NOTED.
- RESTRAINED LENGTH IS ON LARGE SIDE ON ALL REDUCERS.
- RESTRAIN ALL JOINTS BETWEEN UPPER AND LOWER VERTICAL BENDS.



Bohannon & Huston Courtyard 1 7500 Jefferson St. NE Albuquerque, NM 87109-4335	
CITY OF ALBUQUERQUE DEPARTMENT OF MUNICIPAL DEVELOPMENT	
ARROYO VISTA PH2 / APS WESTSIDE SPORTS COMPLEX PUBLIC INFRASTRUCTURE	
OVERALL UTILITY PLAN	
DESIGN REVIEW COMMITTEE APPROVED JUL 24 2012 DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL APPROVED AUG 15 2012 CITY ENGINEER
CITY PROJECT NO. 650273	ZONE MAP NO. J-7, J-8, K-7, K-8
SHEET 9	OF 18

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	USC&GS BRASS DISC STAMPED "REWARD 1969"	DATE	FIELD NOTES	DATE		REMARKS REVISIONS DESIGN
WORKED BY	DATE	GEOGRAPHIC POSITION (NAD 83)	DATE	BY	DATE		
INSPECTOR'S ACCEPTANCE BY	DATE	N.M. STATE PLANE COORDINATES (CENTRAL ZONE)	DATE	NO.	DATE	DESIGNED BY	YPM
VERIFICATION BY	DATE	N=1487364.063 E=1491190.819	DATE		DATE	DRAWN BY	ARR
DRAWINGS CORRECTED BY	DATE	GROUND TO GRID = 0.999675005	DATE		DATE	CHECKED BY	YPM
MICRO-FILM INFORMATION	DATE	DELTA ALPHA = -007°12.26"	DATE		DATE		
RECORDED BY	DATE	NAVD 1988 ELEVATION = 5319.688	DATE		DATE		
NO.							



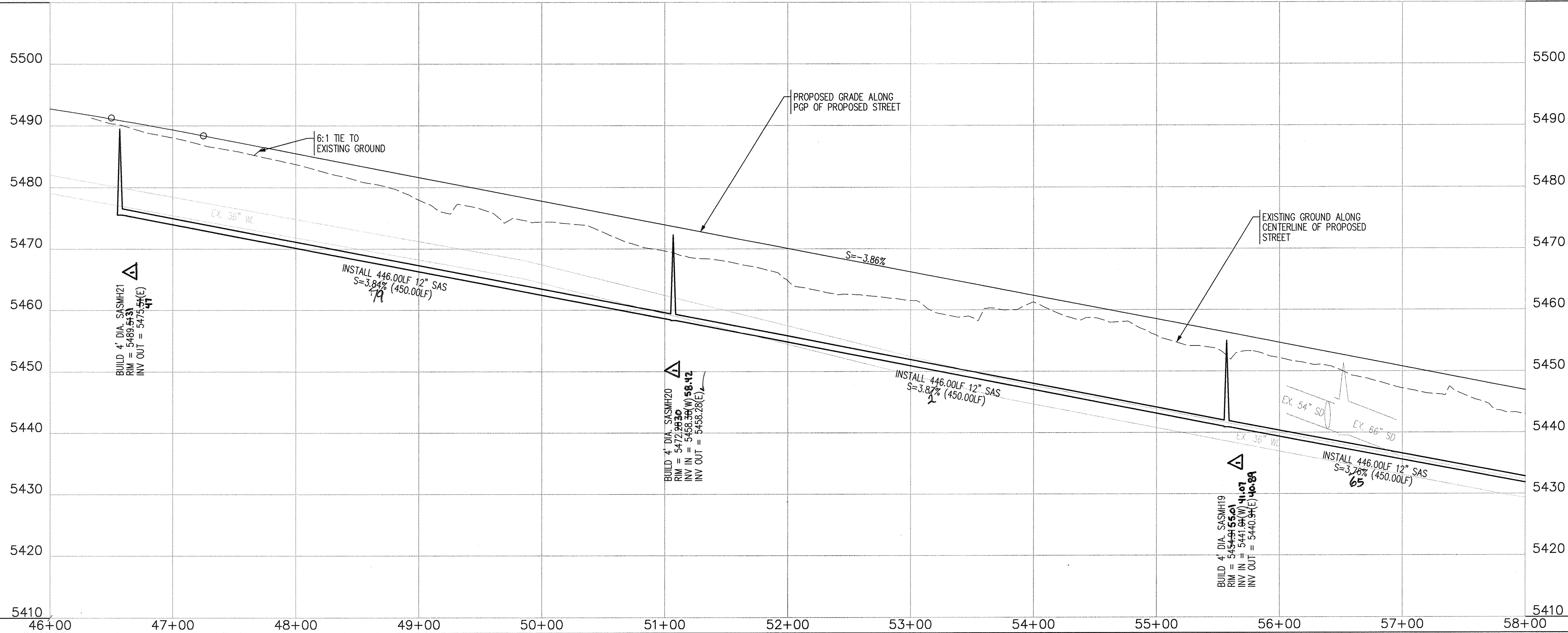
SURVEYOR CERTIFICATION

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SAS Tangent Table		
ID	BEARING	LENGTH
T1	N81°01'30"W	450.00'
T2	N81°01'30"W	450.00'
T3	N81°01'30"W	450.00'

Crossings			
DES	SAS	SD	Clearance
A	12" TP 39.42	54" BP 40.99	1.57

ARROYO VISTA BLVD.



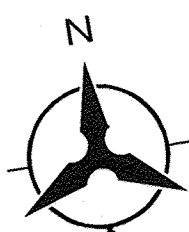
P:\20110349\CDP\Plans\PNP\Phase2B\20110349_upnp01.dgn
4/20/2012

BHI JOB NO. 20110349

SCALE: 1" = 50' (HORIZ.)
1" = 10' (VERT.)

RECORD DRAWINGS

MATCH LINE STA 58+00
SEE SHEET 11



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GENERAL NOTE:
ALL SANITARY SEWER MANHOLES SHALL BE 4' DIAMETER TYPE "E" AS PER C.O.A. STANDARD DRAWING 2102 UNLESS OTHERWISE NOTED.

WATER LINE - PVC C-900 (DR 18)
SANITARY SEWER LINE - SDR-35

VALVES	PER STD. DWG. 2326 & 2328
MANHOLES	PER STD. DWG. 2101 & 2102
WATER SERVICE	PER STD. DWG. 2361, 2362 & 2368
SAS SERVICE	PER STD. DWG. 2125

Bohannon & Huston
Court yard | 7500 Jefferson St. NE Albuquerque, NM 87109-4335

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

ARROYO VISTA PH2 / APS WESTSIDE SPORTS COMPLEX PUBLIC INFRASTRUCTURE

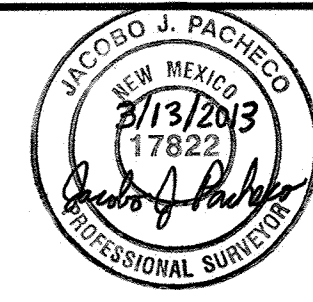
UTILITY PLAN & PROFILE
ARROYO VISTA BLVD.

DESIGN REVIEW COMMITTEE APPROVED JUL 24 2012 DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL APPROVED AUG 15 2012 CITY ENGINEER	MO./DAY/YR. _____ MO./DAY/YR. _____
LAST DESIGN UPDATE		DESIGNED BY YPM DRAWN BY ARR CHECKED BY YPM

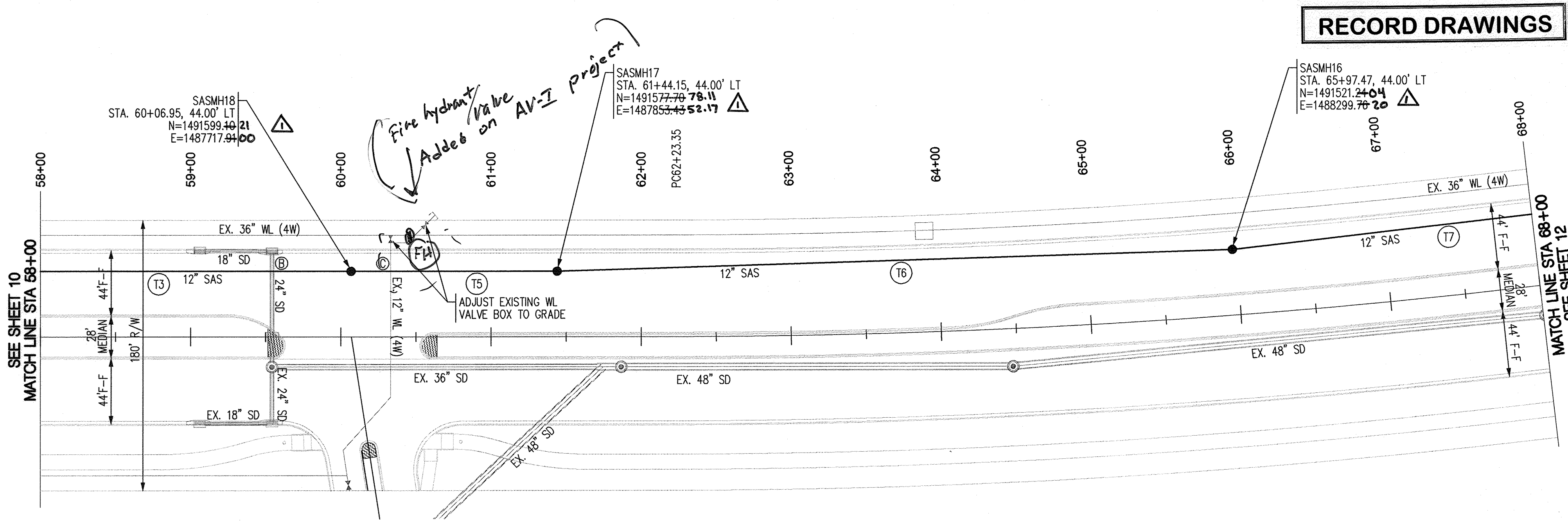
CITY PROJECT NO. 650273
ZONE MAP NO. J-7,J-8,K-7,K-8
SHEET 10 OF 18

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR FEI	DATE 3/20/13	USC&GS BRASS DISC STAMPED "REWARD 1969"	CONTRACTOR POSITION (NAD 83) N.M. STATE PLANE COORDINATES (CENTRAL ZONE) N=1487364.063 E=1491190.819 GROUND TO GRID = 0.999675005 DELTA ALPHA = -0.01712.26"	NO.	DATE 3/20/13	NO.	DATE 3/20/13
STAKED BY JP SURVELL	DATE 3/20/13	REMARKS	REVISIONS	NO.	DATE	NO.	DATE
ACCEPTANCE BY BHI	DATE 3/20/13	REMARKS	REVISIONS	NO.	DATE	NO.	DATE
FIELD VERIFICATION BY BHI	DATE 3/20/13	REMARKS	REVISIONS	NO.	DATE	NO.	DATE
CORRECTED BY BHI	DATE 3/20/13	REMARKS	REVISIONS	NO.	DATE	NO.	DATE
MICRO-FILM INFORMATION	DATE	REMARKS	REVISIONS	NO.	DATE	NO.	DATE
RECORDED BY	DATE	REMARKS	REVISIONS	NO.	DATE	NO.	DATE
NO.	DATE	REMARKS	REVISIONS	NO.	DATE	NO.	DATE

RECORD DRAWINGS

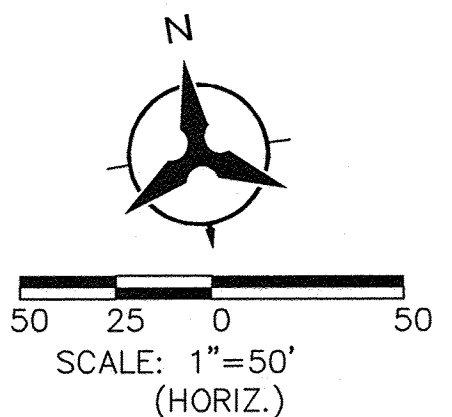


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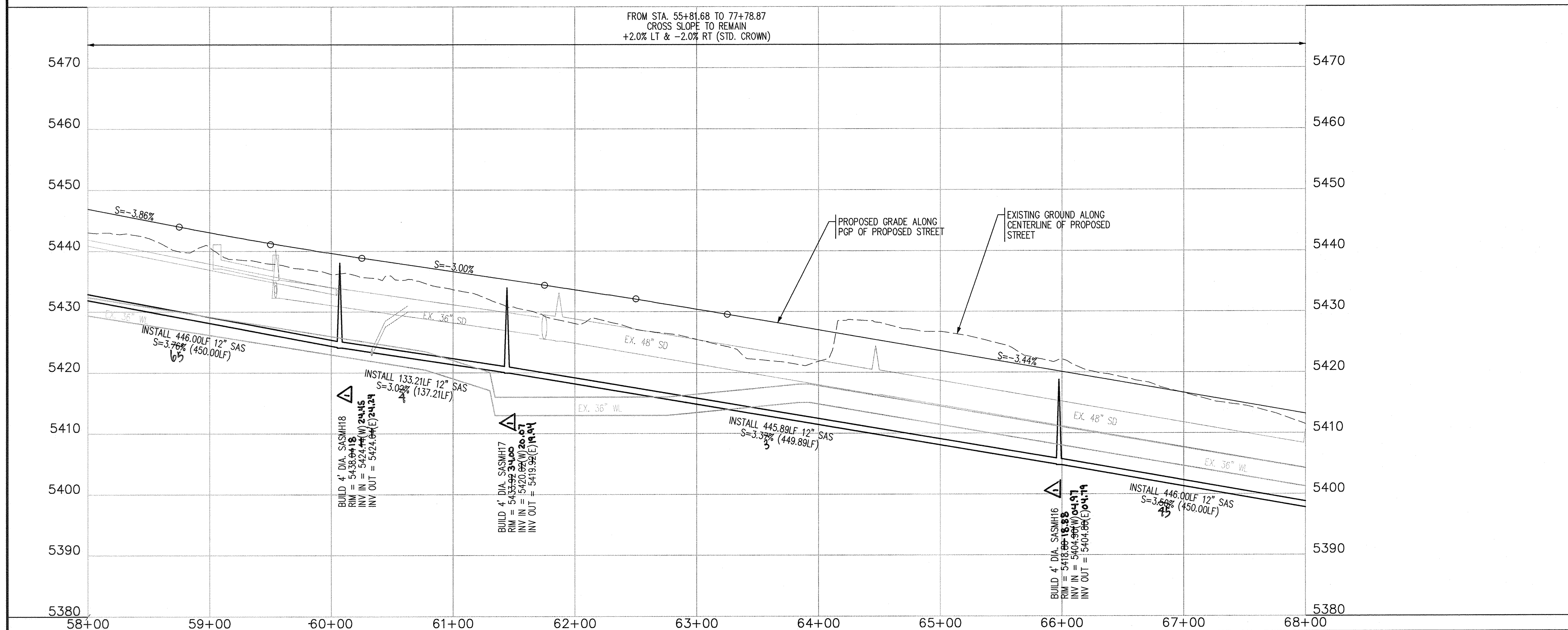


Crossings				
DES	SAS	SD	WL	Clearance
B	12" TP 27.08	24" BP 34.47		7.39
C	12" TP 24.34		12" BP 26.82	2.48

SAS Tangent Table		
ID	BEARING	LENGTH
T3	N81°01'30"W	450.00'
T4	NOT USED	
T5	N81°01'30"W	137.21'
T6	N82°47'26"W	449.89'
T7	N87°36'09"W	450.00'



ARROYO VISTA BLVD.



NOTES

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CITY OF ALBUQUERQUE
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ARROYO VISTA PH2 / APS WESTSIDE SPORTS COMPLEX PUBLIC INFRASTRUCTURE
UTILITY PLAN & PROFILE
ARROYO VISTA BLVD.

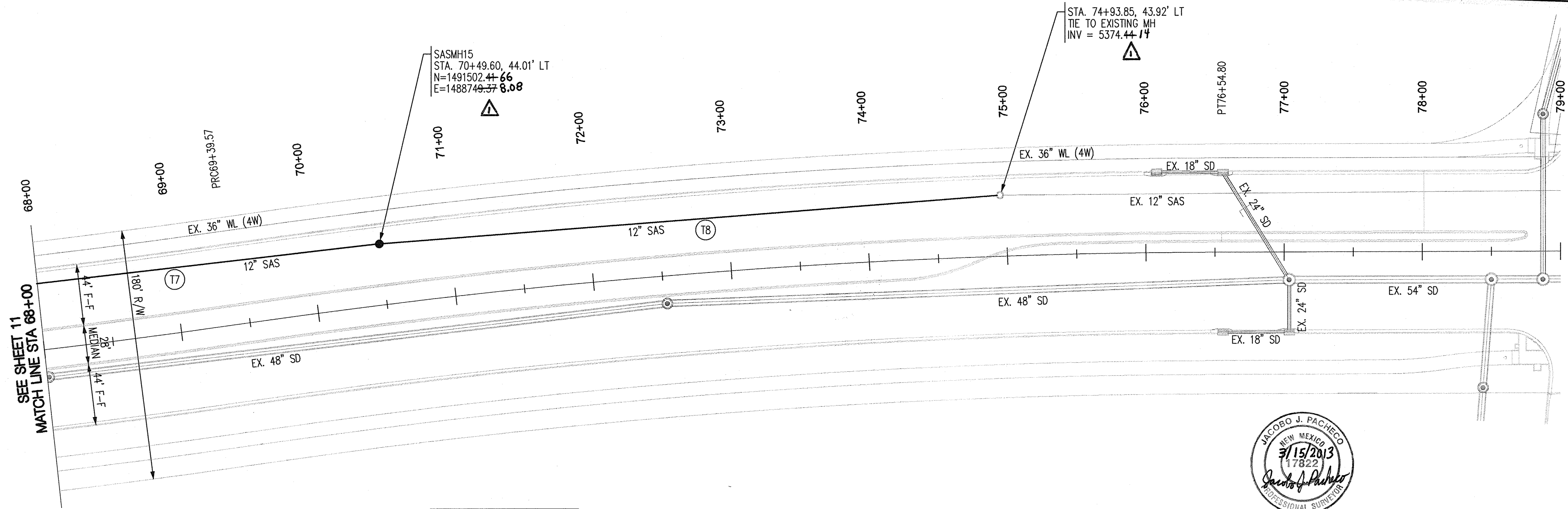
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
APPROVED JUL 24 2012 DESIGN REVIEW COMMITTEE	APPROVED AUG 15 2012 CITY ENGINEER		
LAST DESIGN UPDATE			

DESIGNED BY YPM
DRAWN BY ARR
CHECKED BY YPM

DATE 04/2012
DATE 04/2012
DATE 04/2012

CITY PROJECT NO. 650273
ZONE MAP NO. J-7,J-8,K-7,K-8
SHEET 11 OF 18

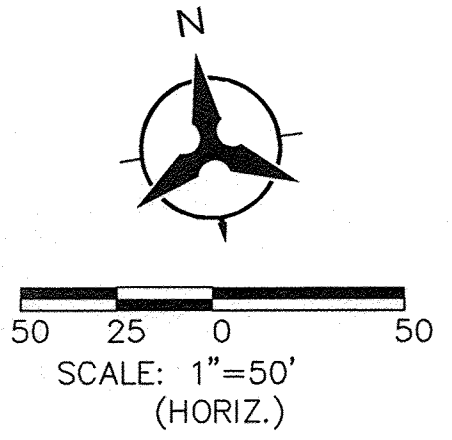
RECORD DRAWINGS



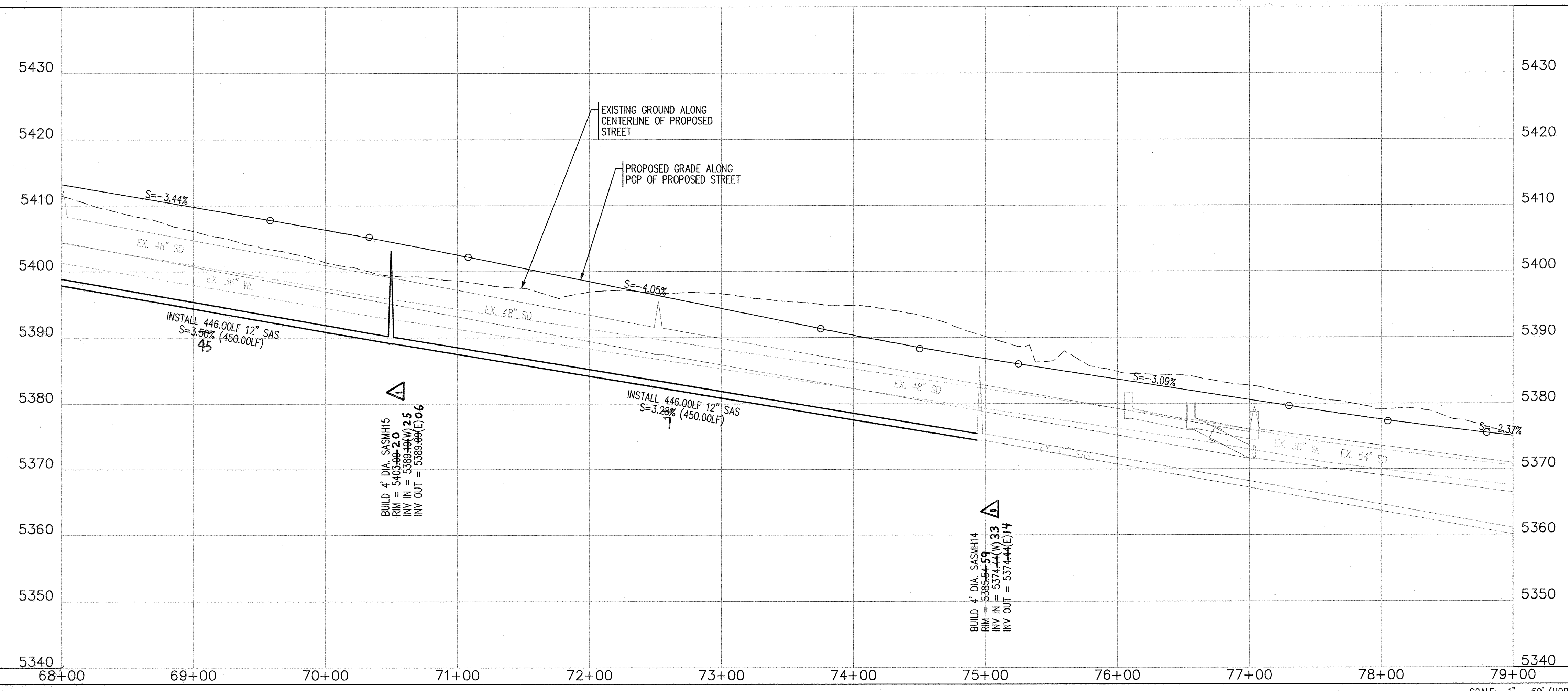
SAS Tangent Table		
ID	BEARING	LENGTH
T7	N87°36'09"W	450.00'
T8	N85°25'24"W	450.00'



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- 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.
- ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.
- ELECTRONIC MARKER SPHERES (EMS) WILL BE PLACED ACCORDING TO SECTION 170 OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATION FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH UPDATE #8.

GENERAL NOTE:
ALL SANITARY SEWER MANHOLES SHALL BE 4' DIAMETER TYPE "E" AS PER C.O.A. STANDARD DRAWING 2102 UNLESS OTHERWISE NOTED.

WATER LINE - PVC C-900 (DR 18)
SANITARY SEWER LINE - SDR-35

VALVES	PER STD. DWG. 2326 & 2328
MANHOLES	PER STD. DWG. 2101 & 2102
WATER SERVICE	PER STD. DWG. 2361, 2362 & 2368
SAS SERVICE	PER STD. DWG. 2125

AS-BUILT INFORMATION

CONTRACTOR	FEZ	DATE	3/20/13
INSPECTOR'S	TP Survey LLC	DATE	3/20/13
VERIFICATION BY	BHJ	DATE	3/20/13
CORRECTED BY	BHJ	DATE	3/20/13
MICRO-FILM INFORMATION		DATE	
RECORDED BY		DATE	
NO.		DATE	

BENCH MARKS

US&GS BRASS DISC STAMPED "REWARD 1969"	
GEOGRAPHIC POSITION (NAD 83)	
N.M. STATE PLANE COORDINATES	
(CENTRAL ZONE)	
N=1487364.063 E=1491190.819	
GROUND TO GRID = 0.999675005	
DELTA ALPHA = -0.01712.26"	
NAVD 1988 ELEVATION = 5319.688	

SURVEY INFORMATION

FIELD NOTES	DATE	3/15/2013
BY	Survey As-Built	
NO.		

ENGINEER'S SEAL

16035

16035

16035

REMARKS	BY
DESIGN	
REVISIONS	
DATE 04/2012	YPM
DATE 04/2012	ARR
DATE 04/2012	YPM

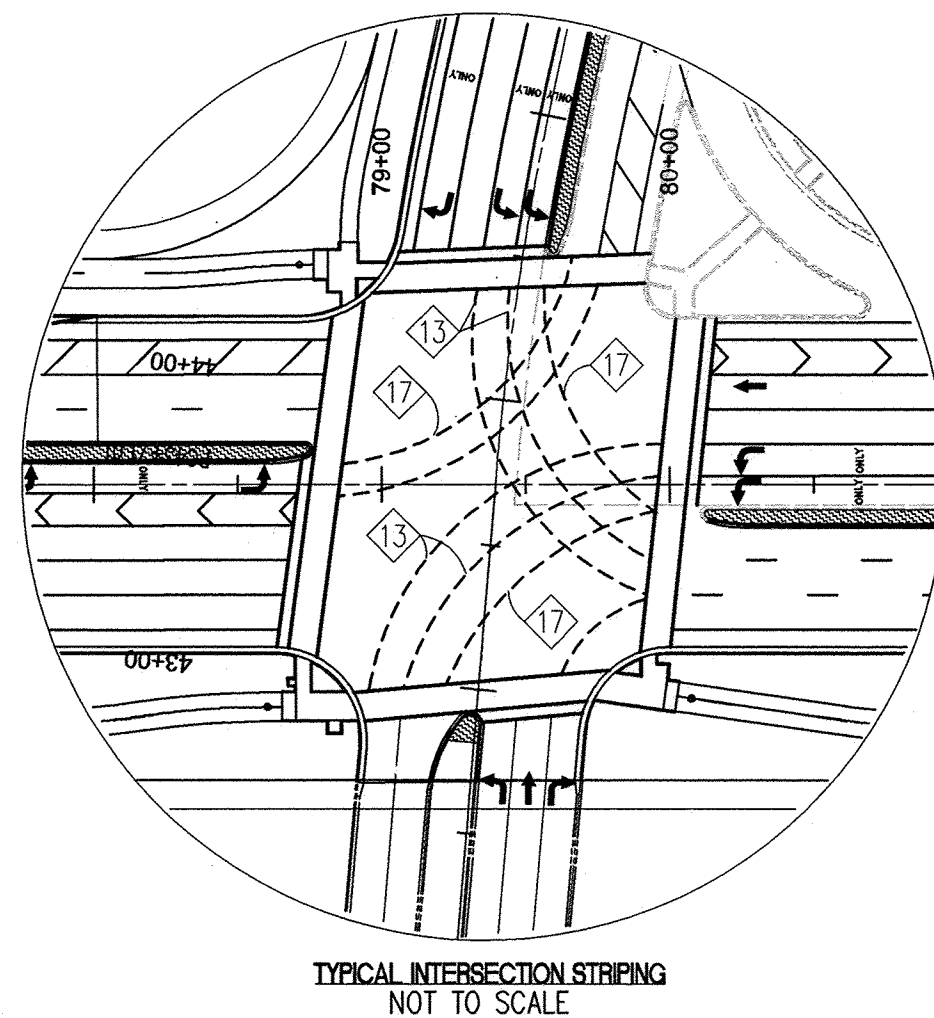
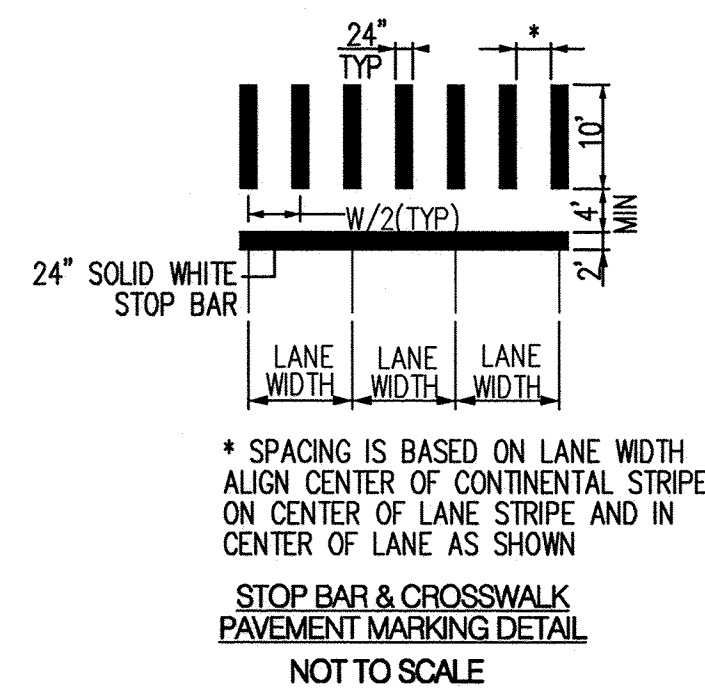
Bohannon & Huston
Courtyard | 7500 Jefferson St. NE Albuquerque, NM 87109-4335

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT

ARROYO VISTA PH2 / APS WESTSIDE SPORTS COMPLEX PUBLIC INFRASTRUCTURE
UTILITY PLAN & PROFILE
ARROYO VISTA BLVD.

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
APPROVED JUL 24 2012 DESIGN REVIEW COMMITTEE	APPROVED AUG 15 2012 CITY ENGINEER		
LAST DESIGN UPDATE			

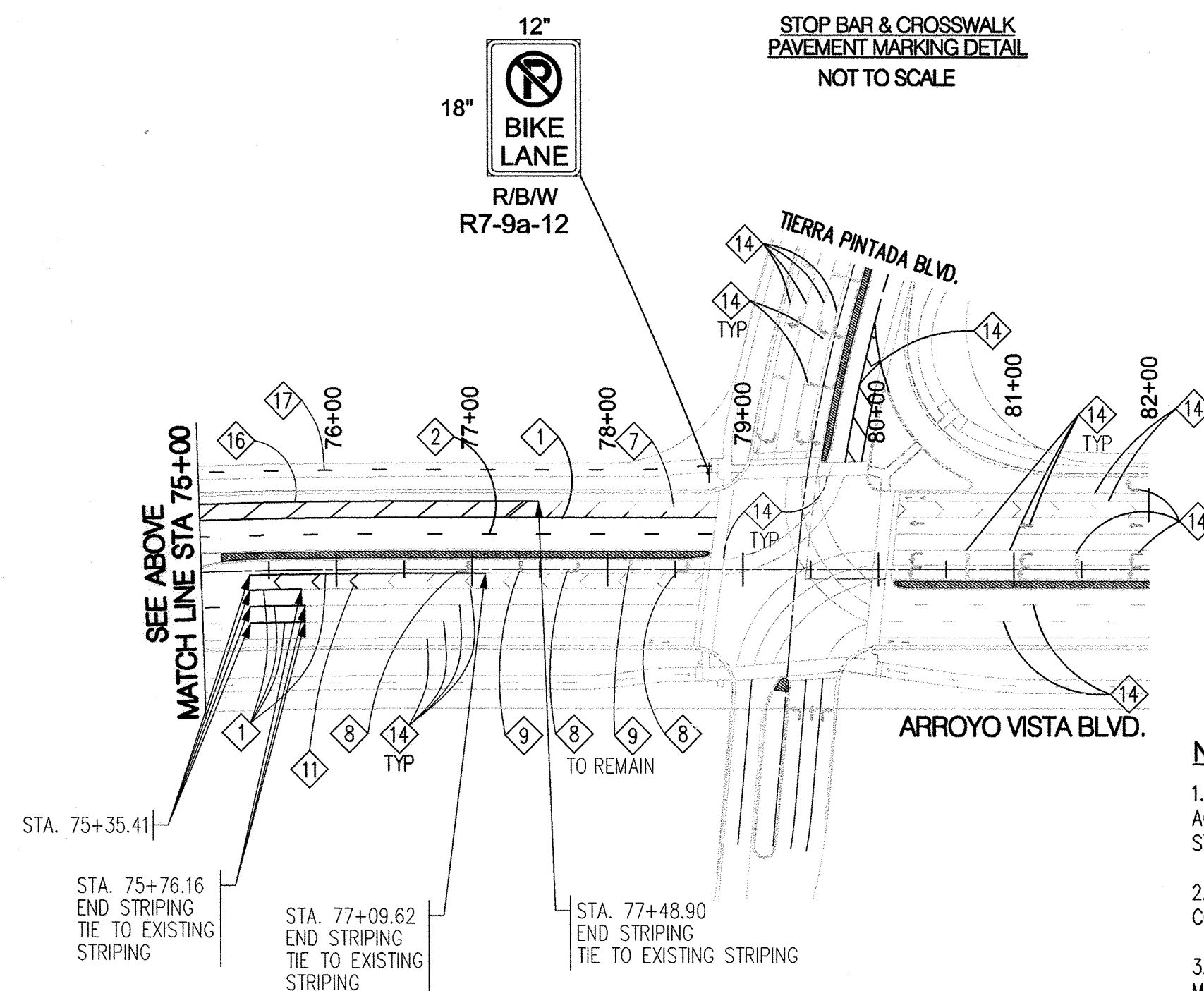
DESIGN PROJECT NO. 650273 ZONE MAP NO. J-7,J-8,K-7,K-8 SHEET 12 OF 18



NOTE TO CONTRACTOR:

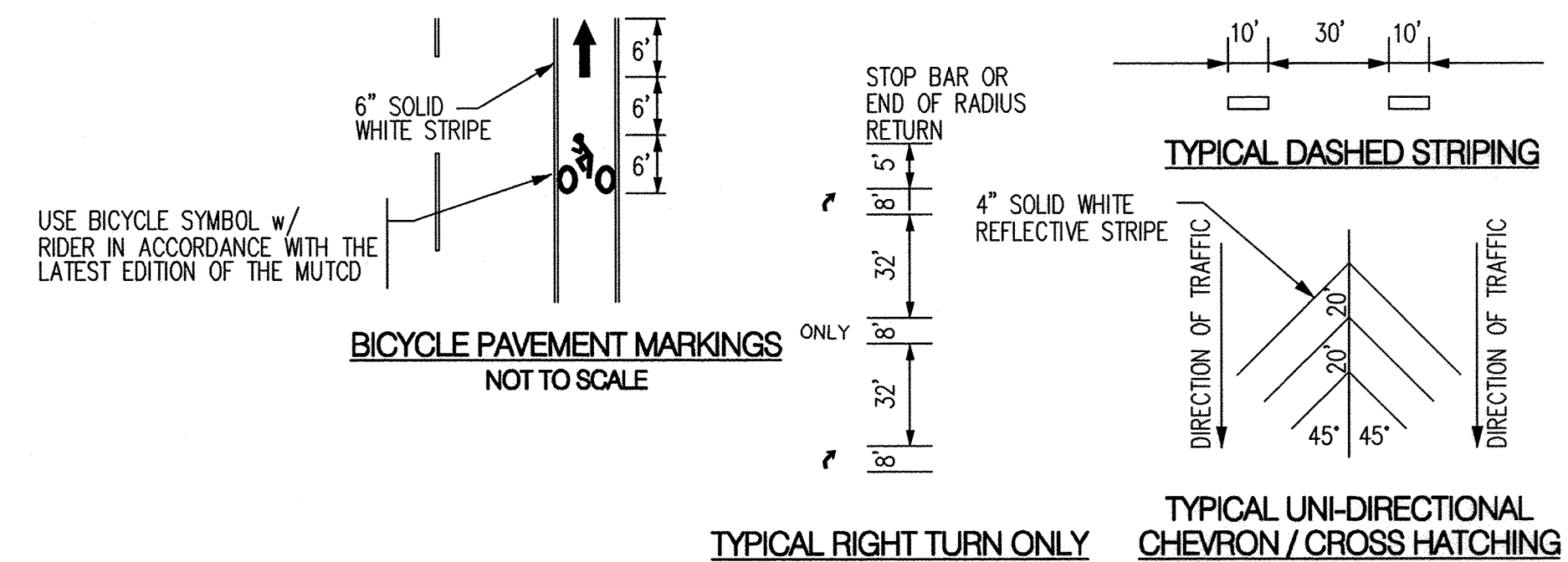
NO STRIPING TO BE INSTALLED OFF THIS PLAN
SEE ULTIMATE SIGNING AND STRIPING PLAN
SHEETS 28R, 29, 29A [REDACTED] ARROYO VISTA PHASE 1
APS RECREATIONAL SITE APS WESTSIDE COMPLEX
PUBLIC INFRASTRUCTURE CPN 650274 FOR
PROPOSED STRIPING FOR THE FOLLOWING
WORKORDER NUMBERS: 650271, 650273

Ypril
10-11-12



1	REFLECTORIZED THERMOPLASTIC PAVEMENT MARKING - 4" SOLID WHITE STRIPE	USE B RIDER LATES
2	REFLECTORIZED THERMOPLASTIC PAVEMENT MARKING - 4" DASHED WHITE STRIPE (10' STRIPE w/ 30' GAP)	
3	REFLECTORIZED THERMOPLASTIC PAVEMENT MARKING - 4" SOLID YELLOW STRIPE	
4	REFLECTORIZED THERMOPLASTIC PAVEMENT MARKING - 4" DOUBLE SOLID YELLOW STRIPE	
5	REFLECTORIZED THERMOPLASTIC PAVEMENT MARKING - 12" SOLID WHITE STRIPE	
6	REFLECTORIZED THERMOPLASTIC PAVEMENT MARKING - 24" SOLID WHITE STOP BAR	
7	INSTALL NEW RETROREFLECTIVE PREFORMED PATTERNED PAVEMENT MARKING AND SYMBOL FOR BICYCLE LANES. SEE DETAIL THIS SHEET.	
8	INSTALL NEW RETROREFLECTIVE PREFORMED PATTERNED OR THERMOPLASTIC PAVEMENT MARKING, LEFT ARROW OR RIGHT ARROW. SEE DETAIL THIS SHEET.	
9	INSTALL NEW RETROREFLECTIVE PREFORMED PATTERNED PAVEMENT MARKING, WORD ONLY. SEE DETAIL THIS SHEET.	
10	INSTALL NEW RETROREFLECTIVE PREFORMED PATTERNED OR THERMOPLASTIC PAVEMENT MARKING, THRU. OR CHANNELIZATION ARROW. SEE DETAIL THIS SHEET.	
11	INSTALL NEW 4" SOLID WHITE REFLECTORIZED PAINTED MARKING CHEVRON (35' APART)	
12	INSTALL CROSSWALK PER DETAIL THIS SHEET.	
13	REFLECTORIZED THERMOPLASTIC PAVEMENT MARKING - 4" DOTTED WHITE STRIPE (3' STRIPE w/ 7' GAP)	
14	EXISTING STRIPING TO REMAIN	
15	EXISTING SIGN TO BE REMOVED	
16	REFLECTORIZED THERMOPLASTIC PAVEMENT MARKING - 6" SOLID WHITE STRIPE	
17	REFLECTORIZED THERMOPLASTIC PAVEMENT MARKING - 4" DOTTED YELLOW STRIPE (3' STRIPE w/7' GAP)	

1. ALL SIGNING AND STRIPING SHALL BE INSTALLED IN ACCORDANCE WITH MUTCD LATEST EDITION AND COA STANDARD SPECIFICATION SECTION 400.
2. ALL SIGN AND SIGN POST MATERIAL SHALL CONFORM TO COA TRAFFIC ENGINEERING REQUIREMENTS
3. SEE SIGNAL PLANS FOR MASTARM LOCATIONS AND MASTARM SIGNS
4. PAINT ALL APPROACH MEDIAN CURB NOSES WITH REFLECTORIZED YELLOW PAINT
5. CONTRACTOR SHALL REPLACE EXISTING PAVEMENT MARKINGS THAT ARE OBSOLETE FOR TRAFFIC CONTROL REASONS. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO TRAFFIC CONTROL.
6. ALL STRIPING ERADICATION SHALL BE ACCOMPLISHED BY WATER BLASTING OR SURFACE PLANING TO A MAXIMUM DEPTH OF 0.25 INCHES AND FOR WIDTH EQUAL TO TWO TIMES THE WIDTH OF MARKING TO BE REMOVED.
7. ALL PAVEMENT WITHIN PROJECT LIMITS SHALL BE COVERED WITH ASPHALT SLURRY SEAL PRIOR TO FINAL STRIPING
8. TRANSITION STRIPING FROM PROPOSED WIDTHS TO EXISTING WIDTHS WITHIN 20'



TYPICAL STRIPING DETAILS
NOT TO SCALE

Bohannon  **Huston**
Courtyard | 7500 Jefferson St. NE Albuquerque, NM 87109-4335




CITY OF ALBUQUERQUE
DEPARTMENT OF
MUNICIPAL DEVELOPMENT

ARROYO VISTA PH2 / APS WESTSIDE SPORTS COMPLEX PUBLIC INFRASTRUCTURE

STRIPING & SIGNING PLAN



DESIGN REVIEW COMMITTEE
APPROVE
JUL 24 2012
DESIGN REVIEW COMMITTEE

A rectangular stamp with a double border. The top text reads "CITY ENGINEER APPROVAL". The center contains a date stamp "AUG 15 2012". The bottom text reads "CITY ENGINEER".

LAST DESIGN
UPDATE

M

_____/DAY/Y____

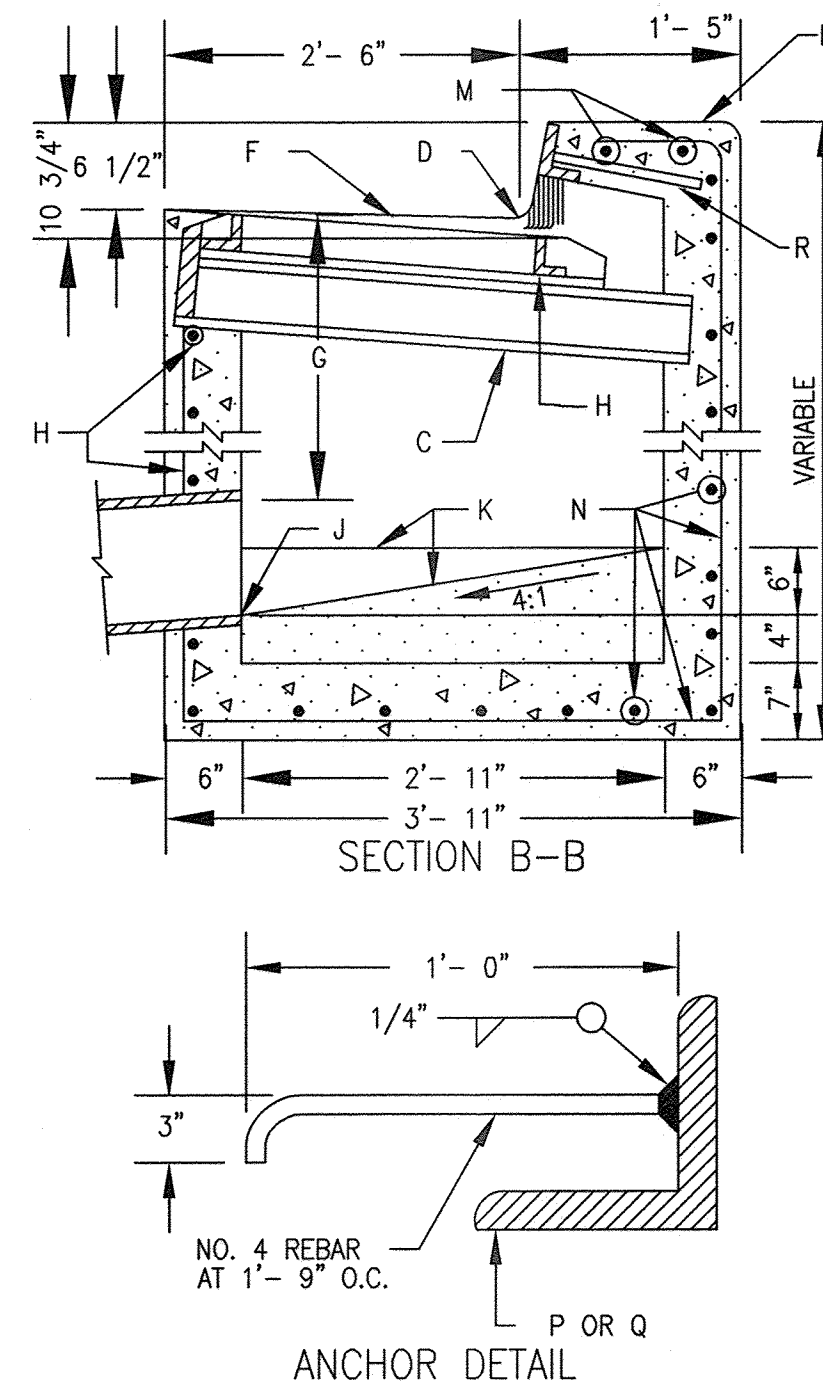
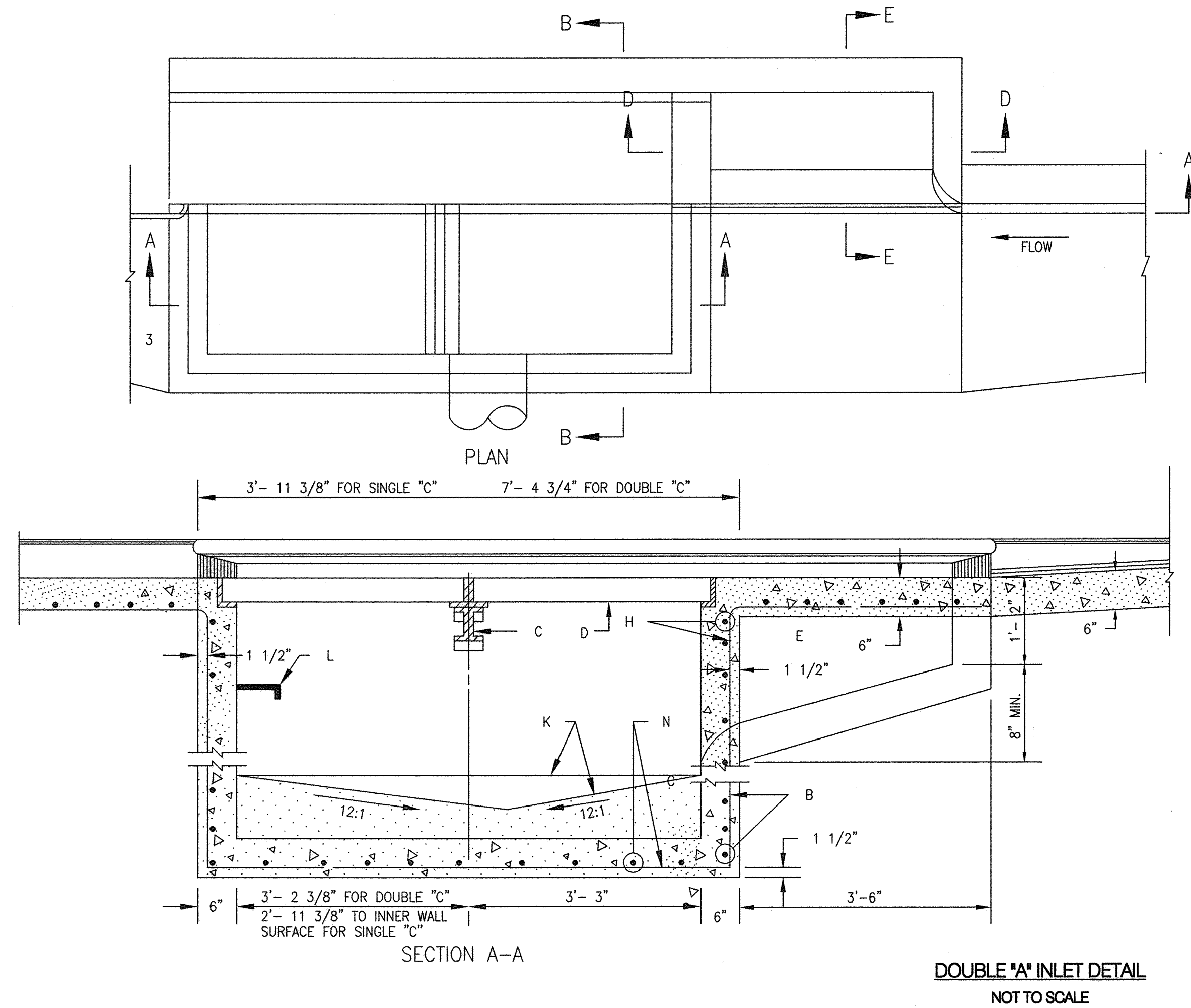
R.	MO.

DAY/YR.

P: \20110349\CDP\Plans\General\Phase2B\20110349_stripping.dgn
4/20/2012

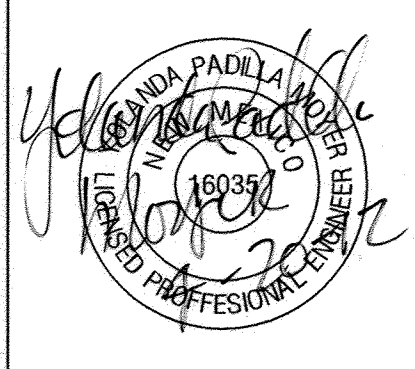
BHI JOB NO. 20110349

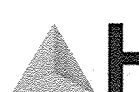
FINAL STRIPING CONFIGURATION SHALL MATCH
SIGNING AND STRIPING PLAN ANY CONFLICTING
STRIPING SHALL BE REMOVED.




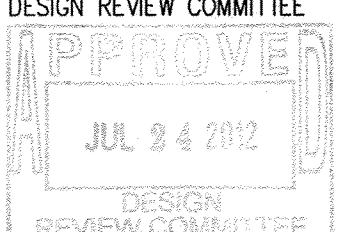
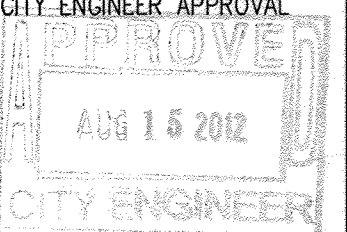
- GENERAL NOTES :**
1. FOR SINGLE GRATE TYPE STORM INLET DELETE CENTER SUPPORT AND MOVE ONE END WALL TO FORM NEW SINGLE GRATE INLET.
 2. FOR STORM INLET GUTTER TRANSITION, SEE DWG. 2207.
 3. OUTLET PIPE SIZE, PER DESIGN REQUIREMENT.
 4. FOR FRAME & GRATING, SEE DWG. 2216, 2220 & 2221.
 5. FOR ANCHOR SEE DETAIL.
 6. FOR CENTER SUPPORT ASSEMBLY, SEE DWG. 2215.
- CONSTRUCTION NOTES :**
- A. GUTTER TRANSITION.
 - B. TOP OF CURB.
 - C. CENTER SUPPORT ASSEMBLY.
 - D. FLOWLINE.
 - E. CONSTRUCTION JOINT.
 - F. NORMAL GUTTER LINE.
 - G. 1'-10" MIN., UNLESS OTHERWISE DIRECTED.
 - H. FRAME AND GRATE.
 - J. INVERT OF OUTLET PIPE.
 - K. CONCRETE FILL, MINIMUM SLOPES AS SHOWN.
 - L. FOR STORM INLET DEPTHS GREATER THAN 4' INSTALL STD STEPS, SEE DWG. 2229, DOWNSTREAM FACE.
 - M. EXTEND NO. 4 REBARS, 18" INTO CURB ON EACH SIDE OF STORM INLET.
 - N. NO. 4 BARS AT 6" O.C.
 - P. 3 1/2" X 3 1/2" X 1/2" X 4' - 0" FOR SINGLE GRATE TYPE "C" STORM INLET.
 - Q. 3 1/2" X 3 1/2" X 1/2" X 7' - 6" FOR DOUBLE GRATE TYPE "C" STORM INLET.
 - R. ANCHOR.

SURVEY INFORMATION			BENCH MARKS			AS-BUILT INFORMATION		
FIELD NOTES			US&GS BRASS DISC STAMPED "REWARD 1969"			CONTRACTOR		
NO.	BY	DATE	GEOGRAPHIC POSITION (NAD 83)			JPSIRVEY LLC		
			N.M. STATE PLANE COORDINATES (CENTRAL ZONE)			WORKS STAGED BY		
			N=1487364.063 E=1491180.819			ACCEPTANCE BY		
			GROUND TO GRID = 0.999675005			FIELD DRAWINGS		
			DELTA ALPHA = -001712.26"			CORRECTED BY		
			NAVD 1988 ELEVATION = 5319.688			MICRO-FILM INFORMATION		
						RECORDED BY		
						NO.		

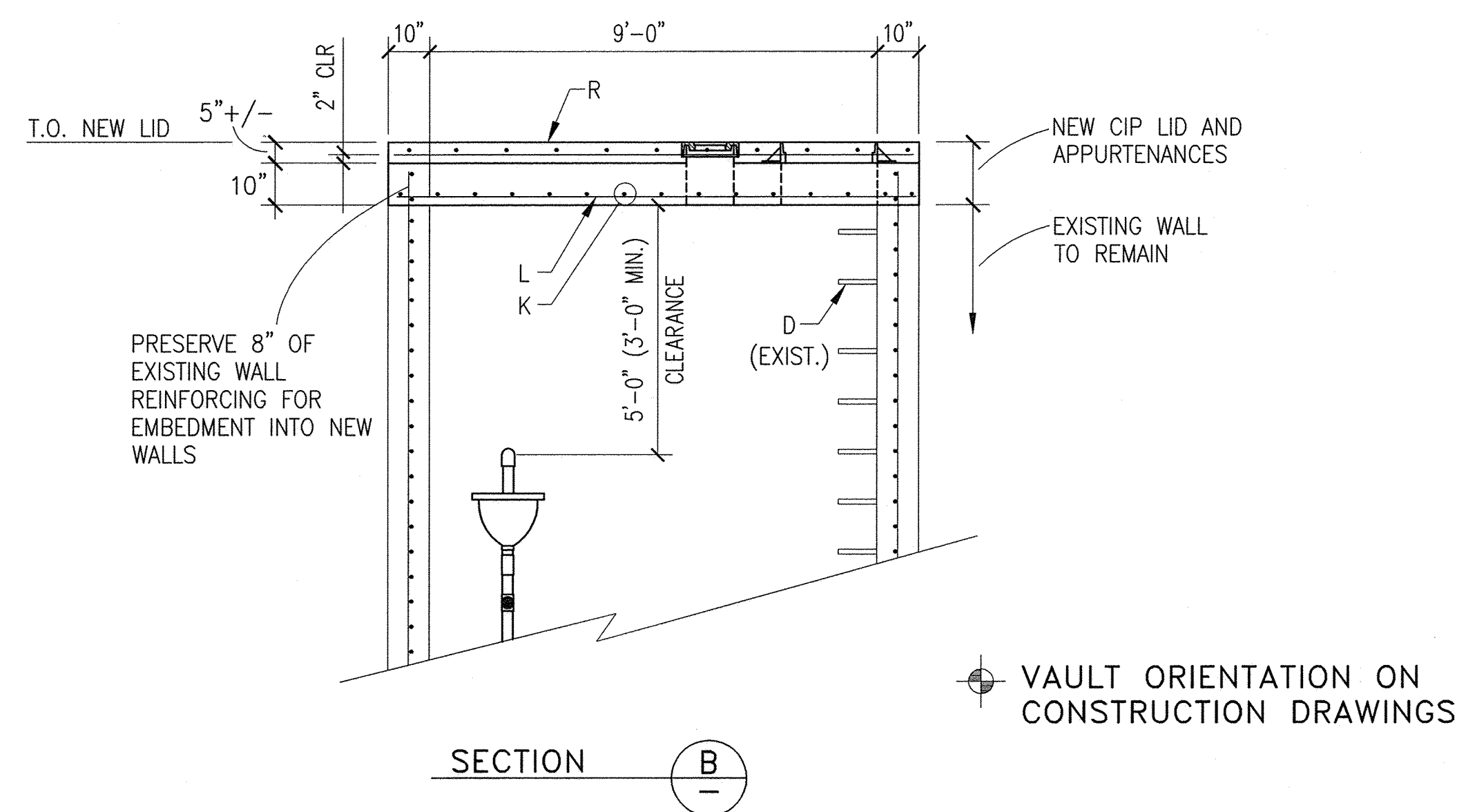
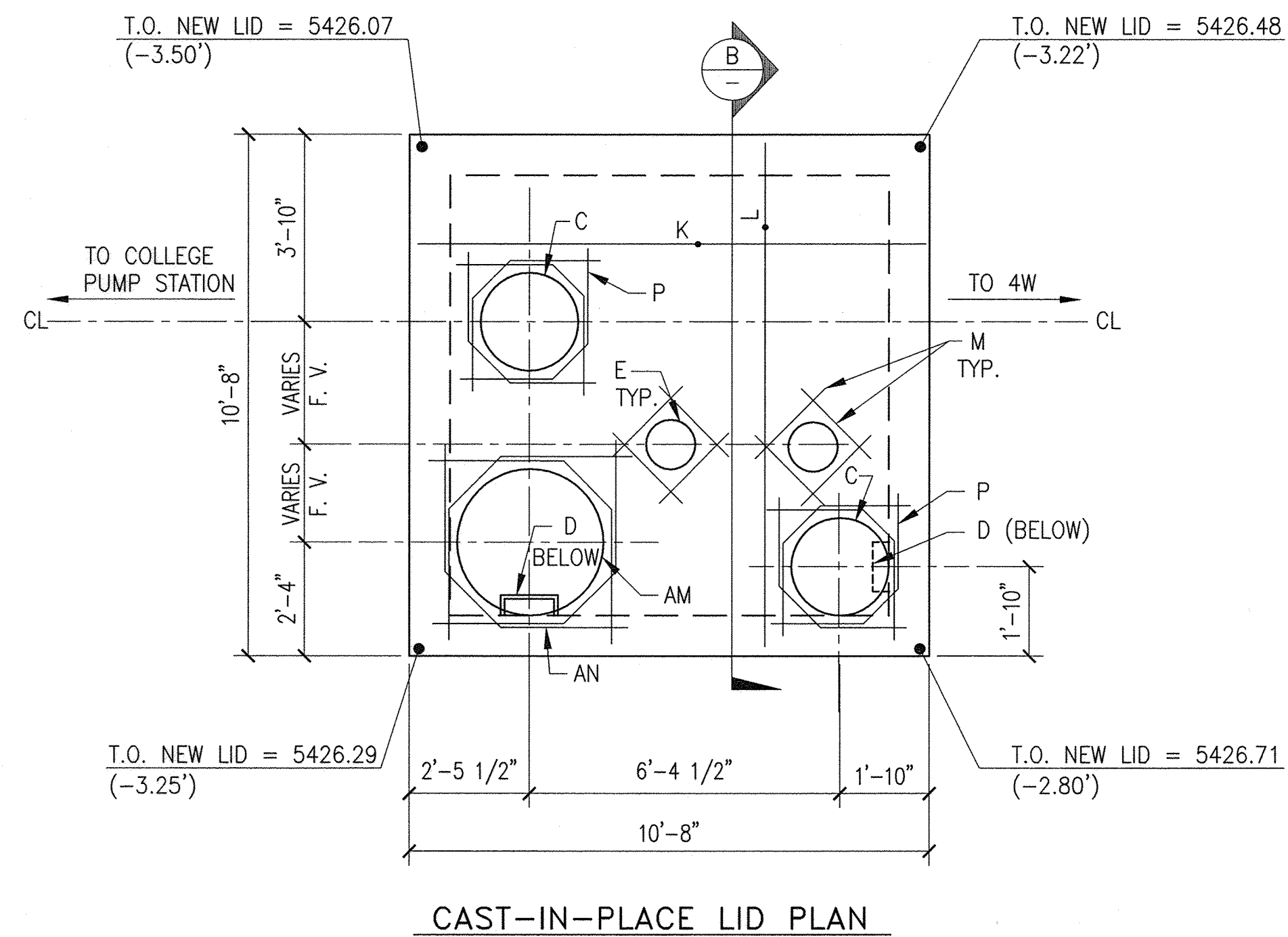
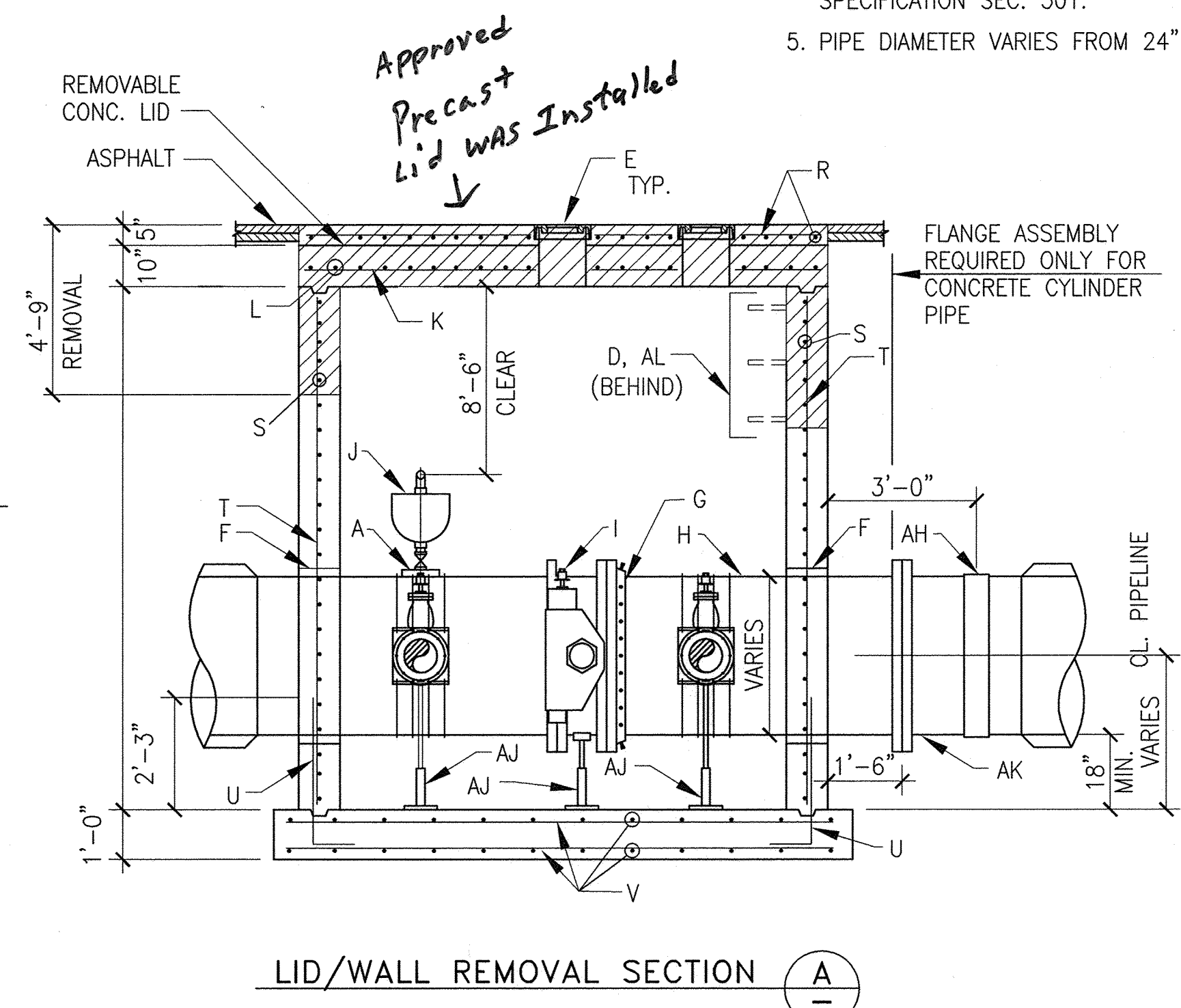
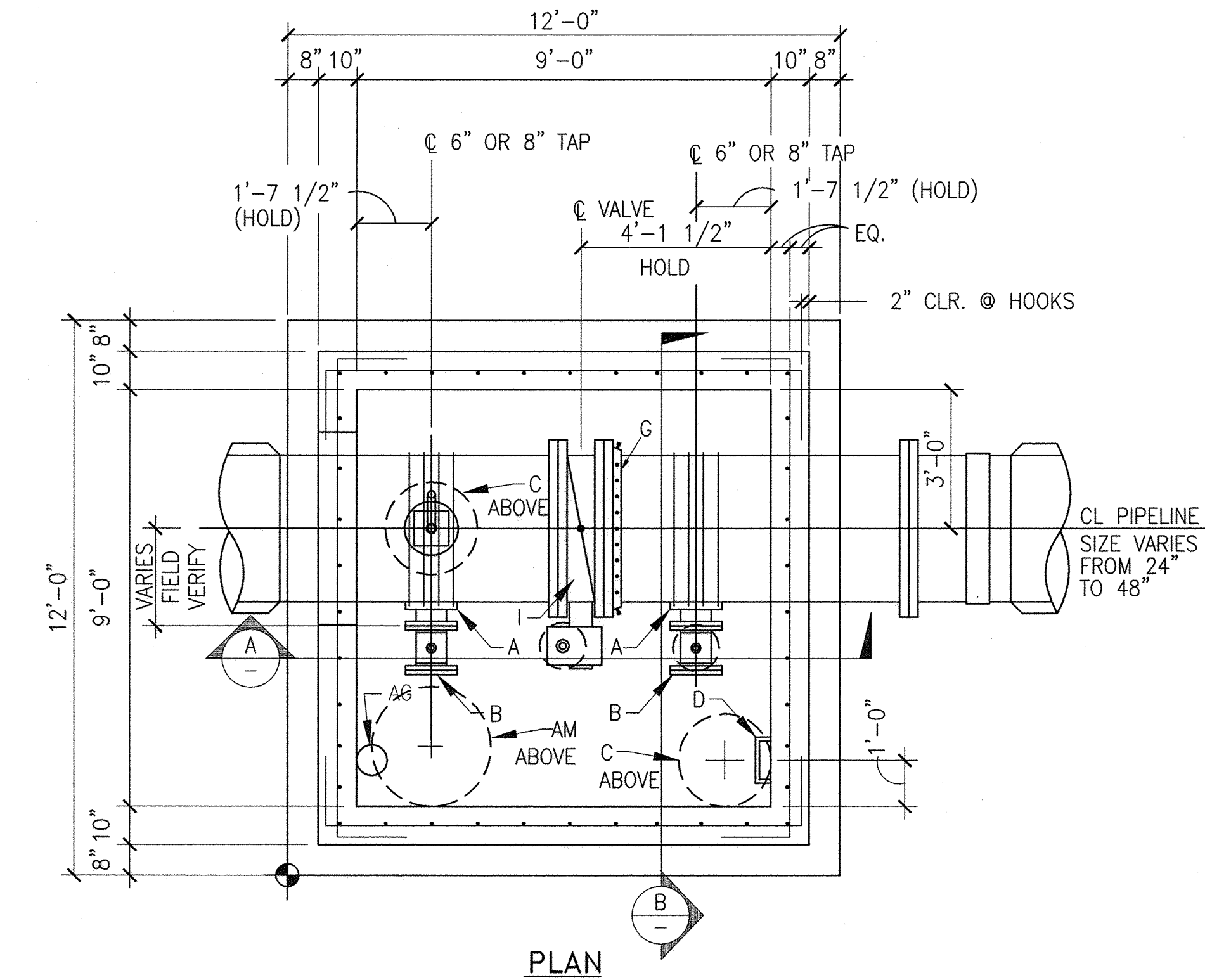


Bohannon  **Huston**
Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335

**CITY OF ALBUQUERQUE**
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ARROYO VISTA PH2 / APS WESTSIDE SPORTS COMPLEX PUBLIC INFRASTRUCTURE
UTILITY DETAILS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
			
LAST DESIGN UPDATE			
CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
650273	J-7,J-8,K-7,K-8	14A	18

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- GENERAL NOTES:**
1. VALVE VAULT SHALL NOT BE USED IN GROUND WATER CONDITIONS OR IN CLAY SOILS.
 2. CONCRETE SHALL MEET SPECIFICATION SEC. 510 AND SEC. 101 HYDRAULIC STRUCTURAL CONCRETE, $f'_c = 4000$ psi. REINFORCING SHALL BE GRADE 60.
 3. DESIGN EQUIVALENT FLUID PRESSURE = 91.2 pcf, $K = .5$
 4. BACKFILL MATERIAL SHALL BE CLASS II OR III IN ACCORDANCE WITH SPECIFICATION SEC. 501.
 5. PIPE DIAMETER VARIES FROM 24" DIA. TO 48" DIA.

6. PIPELINE CENTERLINE IN THE HORIZONTAL PLANE IS FIXED. ASSOCIATED VALVE BOXES ADJUST IN LOCATION DUE TO PIPE SIZE. FIELD VERIFY THESE MEASUREMENTS.
7. PIPELINE VERTICAL CENTERLINE IS ADJUSTABLE WITH THE MINIMUM OF 18" BELOW PIPELINE AS THE ONLY LIMIT.
8. HOLD CENTERLINE OF TAP LOCATIONS AND CENTER OF BUTTERFLY VALVE.

- CONSTRUCTION NOTES:**
- A TAPPING SADDLE (D.I.P. OR C.C.P.) OR FLANGED OUTLETS (C.C.P.).
 - B 6" GATE VALVE WITH BLIND FLANGE (24" TO 30"). 8" GATE VALVE WITH BLIND FLANGE (36" TO 48").
 - C 2'-0" DIA. MANHOLE FRAME & COVER. COVER MARKED "WATER".
 - D MANHOLE STEPS PER SPEC. SECTION 920.4.7
 - E VALVE BOX, RING & COVER PER DWG. 2328, LOCATE ABOVE VALVE OPERATOR.
 - F LINK SEAL OR EQUAL.
 - G "MEGA-FLANGE" ADAPTER, EBAA OR EQUAL.
 - H DUCTILE IRON PIPE (FLxPE).
 - I AWWA C504 BUTTERFLY VALVE (FL).
 - J 2" COMBINATION AIR AND VACUUM VALVE W/ ISOLATION VALVE.
 - K #7 @ 9" O.C. ADD BAR EACH SIDE OF OPENING.
 - L #7 @ 9" O.C. ADD BAR EACH SIDE OF OPENING.
 - M 4-#5 DIAGONALS AT EACH OPENING.
 - N #5 @ 12" O.C.x10'-4". FIELD CUT AT OPENINGS.
 - P #5 DIAGONALSx6'-0". BEND AS REQUIRED.
 - Q #5 @ 12" O.C.x3'-1 1/2". FIELD CUT AT OPENINGS.
 - R 5" CONCRETE TOPPING SLAB WITH #4@6" O.C. EACH WAY. SPREAD BARS AT OPENINGS.
 - S #5 @ 6" O.C. HORIZ.x10'-4" WITH 10" HOOKS EACH END.
 - T #4 @ 12" O.C. VERT. x 8'-10".
 - U #5 FOOTING DOWELS @ 6" O.C. WITH 10" HOOK.
 - V #6 @ 6" O.C.x11'-8" EACH WAY TOP & BOTTOM.
 - W 2-#5 DIAGONALSx7'-0". BEND AS REQUIRED. (8 TOTAL EACH WALL)
 - X 2-#6x10'-4" TOP & BOT. OF PIPE. PLACE OUTSIDE OF DIAGONALS.
 - Y 2x4 KEY TYPICAL.
 - Z 30# FELT MASTIC
 - AA 2-#9x10'-4"
 - AB #4 TIES @ 5 1/2" O.C. 1st TIE 1 3/4" FROM FACE OF WALL.
 - AC 2-#5x10'-4"
 - AD BLOCK OUT WALL FOR BEAM.
 - AE COIL INSERT WITH 8000# CAPACITY EACH. PROVIDE GREASED BOLT AND ASPHALT OVER CONNECTION. PROVIDE SINGLE SWIVEL LIFT PLATES. WIRE TIE TO BOTTOM LADDER RUNG.
 - AF PROVIDE COIL INSERT "AE" ABOVE IN 10" SLAB. PROVIDE PVC POCKET THROUGH 5" TOPPING SLAB. INSERT BOLT & FILL WITH ASPHALT.
 - AG 8"Ø HOLE WITH GRAVEL FILL. PROVIDE 1/2" C.Y. GRAVEL FILL BELOW FOUNDATION.
 - AH BUTT STRAP TYP.
 - AJ ADJUSTABLE PIPE SUPPORT.
 - AK STEEL PIPE (FLxPE). COAT ALL EXPOSED STEEL SURFACES WITH BITUMASTIC COATING.
 - AL REMOVE EXISTING MANHOLE STEPS (D) WITHIN REMOVAL LIMITS.
 - AM 3'-0" DIA. MANHOLE FRAME & COVER. COVER MARKED "WATER"
 - AN #5 DIAGx7'-6" BEND AS REQUIRED. 2" CLEAR FROM OPENING, TYP.

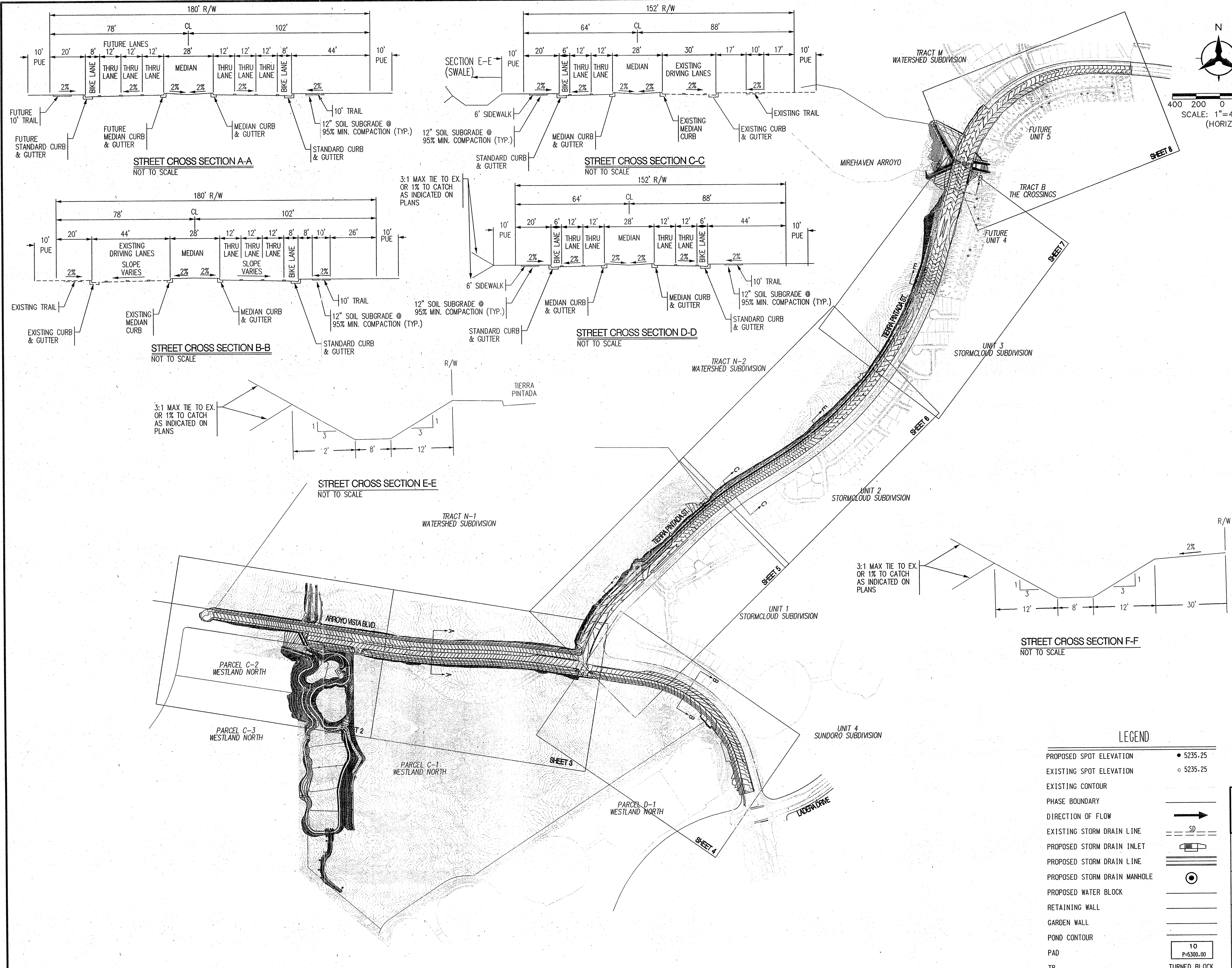
Bohannon & Huston
Court yard 1 7500 Jefferson St. NE Albuquerque, NM 87109-4335

CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ARROYO VISTA PH2 / APS WESTSIDE SPORTS COMPLEX PUBLIC INFRASTRUCTURE
UTILITY DETAILS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
LAST DESIGN UPDATE			

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
650273	J-7,J-8,K-7,K-8	14B	18

MODIFIED STD. DWG. NO. 2334
NOT TO SCALE



- GENERAL NOTES:
- EXCEPT AS PROVIDED HEREIN, GRADING SHALL BE PERFORMED AT THE ELEVATIONS AND IN ACCORDANCE WITH THE DETAILS SHOWN ON THIS PLAN.
 - CONTRACTOR SHALL OBTAIN AND ABIDE BY A TOPSOIL DISTURBANCE PERMIT FROM THE CITY OF ALBUQUERQUE ENVIRONMENTAL HEALTH DIVISION, PRIOR TO CONSTRUCTION. THE COST FOR REQUIRED CONSTRUCTION DUST AND EROSION CONTROL MEASURES SHALL BE INCIDENTAL TO THE PROJECT COST. THE CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, STATE, AND FEDERAL DUST CONTROL MEASURES AND REQUIREMENTS AND WILL BE RESPONSIBLE FOR PREPARING AND OBTAINING ALL NECESSARY APPLICATIONS AND APPROVALS.
 - ALL WORK RELATIVE TO FOUNDATION CONSTRUCTION, SITE PREPARATION, AND PAVEMENT INSTALLATION, AS SHOWN ON THIS PLAN, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE SOILS REPORT PREPARED BY VINYARDS & ASSOCIATES. ALL OTHER WORK, UNLESS OTHERWISE STATED OR PROVIDED FOR HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS (FIRST PRIORITY), AND/OR THE CITY OF ALBUQUERQUE (COA) STANDARD SPECIFICATIONS FOR PUBLIC WORKS (SECOND PRIORITY).
 - TWO WORKING DAYS PRIOR TO EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE (765-1264) FOR LOCATION OF EXISTING UTILITIES.
 - PRIOR TO GRADING, ALL VEGETATION DEBRIS, AND NEAR SURFACE ORGANICALLY CONTAMINATED SOIL SHALL BE STRIPPED FROM ALL AREAS TO BE GRADED. VEGETATION AND DEBRIS SHALL BE DISPOSED OF OFF-SITE OR STOCK-PILED FOR USE IN PLANTERS AND NON-STRUCTURAL FILLS.
 - EARTH SLOPES SHALL NOT EXCEED 3 HORIZONTAL TO 1 VERTICAL UNLESS SHOWN OTHERWISE.
 - IT IS THE INTENT OF THESE PLANS THAT THIS CONTRACTOR SHALL NOT PERFORM ANY WORK OUTSIDE OF THE PROPERTY BOUNDARIES EXCEPT AS REQUIRED BY THIS PLAN.
 - THE CONTRACTOR IS TO ENSURE THAT NO SOIL ERODES FROM THE SITE ONTO ADJACENT PROPERTY OR PUBLIC RIGHT-OF-WAY. THIS SHOULD BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS AT THE PROPERTY LINES WETTING THE SOIL TO PROTECT IT FROM WIND EROSION.
 - A DISPOSAL SITE FOR ALL EXCESS EXCAVATION AND UNSUITABLE MATERIAL SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE ENVIRONMENTAL REGULATIONS AND APPROVED BY THE OBSERVER. ALL COSTS INCURRED IN OBTAINING A DISPOSAL SITE AND HAUL THERE TO SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT, AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE.
 - PAVING AND ROADWAY GRADES SHALL BE +/- 0.1' FROM PLAN ELEVATIONS. PAD ELEVATION SHALL BE +/- 0.05' FROM BUILDING PLAN ELEVATIONS.
 - ALL SPOT ELEVATIONS ARE TO FLOWLINE UNLESS OTHERWISE NOTED. VALLEY GUTTER ELEVATIONS ARE SHOWN AT FLOWLINE ELEVATION.

LEGEND

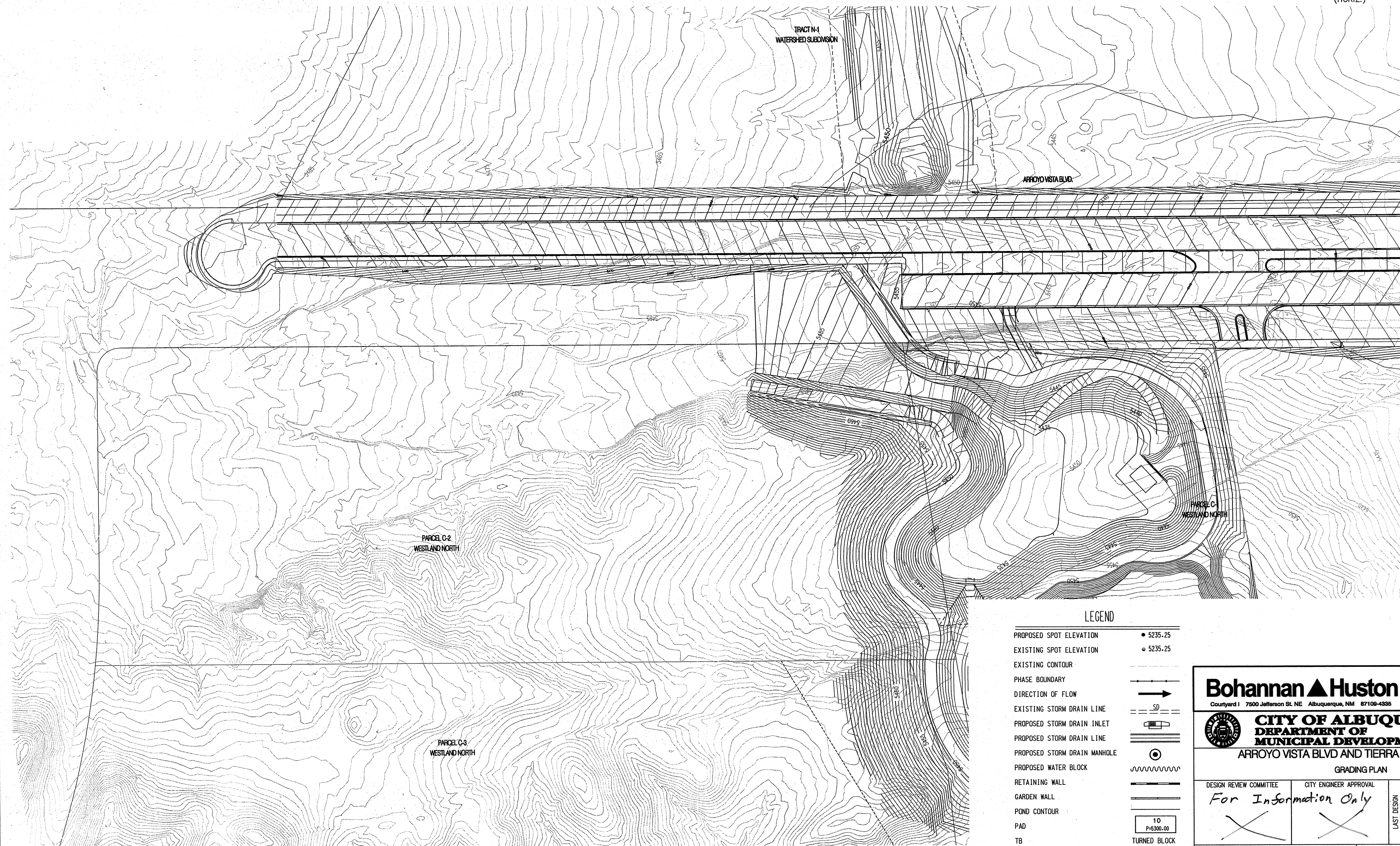
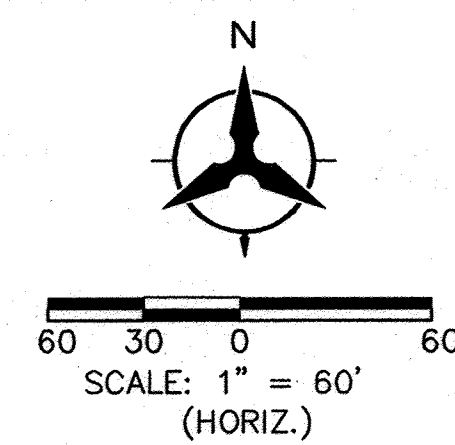
PROPOSED SPOT ELEVATION	• 5235.25
EXISTING SPOT ELEVATION	◊ 5235.25
EXISTING CONTOUR	---
PHASE BOUNDARY	---
DIRECTION OF FLOW	→
EXISTING STORM DRAIN LINE	---
PROPOSED STORM DRAIN INLET	⊕
PROPOSED STORM DRAIN LINE	---
PROPOSED STORM DRAIN MANHOLE	⊙
PROPOSED WATER BLOCK	⊙
RETAINING WALL	---
GARDEN WALL	---
POND CONTOUR	---
PAD	10 P=5300.00
TB	TURNED BLOCK

Bohannon & Huston
 Courtyard 1 7500 Jefferson St. NE Albuquerque, NM 87109-4395

CITY OF ALBUQUERQUE
 DEPARTMENT OF
 MUNICIPAL DEVELOPMENT

ARROYO VISTA BLVD AND TIERRA PINTADA STREET
 OVERALL GRADING PLAN

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
For Information Only	X		
CITY PROJECT NO. 650273	ZONE MAP NO. J-7,J-8,K-7,K-8	SHEET 15	OF 18



LEGEND

PROPOSED SPOT ELEVATION	• 5235.25
EXISTING SPOT ELEVATION	• 5235.25
EXISTING CONTOUR	—
PHASE BOUNDARY	—
DIRECTION OF FLOW	→
EXISTING STORM DRAIN LINE	— SD —
PROPOSED STORM DRAIN INLET	—
PROPOSED STORM DRAIN LINE	—
PROPOSED STORM DRAIN MANHOLE	⊙
PROPOSED WATER BLOCK	~~~~~
RETAINING WALL	—
GARDEN WALL	—
POND CONTOUR	—
PAD	10 P-5300.00
TB	TURNED BLOCK

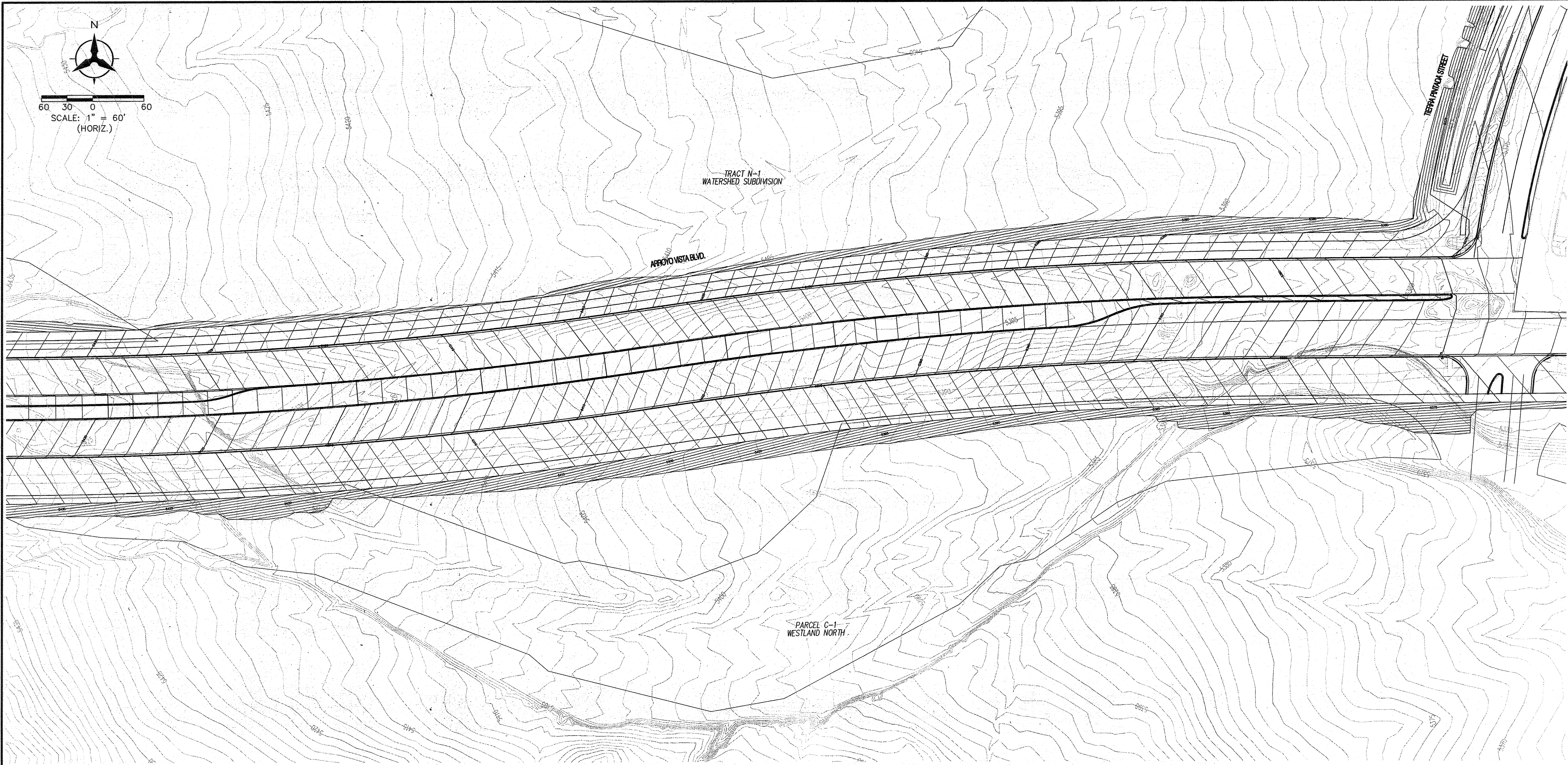
Bohannon & Huston
Courtyard | 7500 Jefferson St. NE | Albuquerque, NM 87108-4335

CITY OF ALBUQUERQUE
DEPARTMENT OF
MUNICIPAL DEVELOPMENT
ARROYO VISTA BLVD AND TIERRA PINTADA STREET

GRADING PLAN

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
For Information Only			
LAST DESIGN UPDATE			
CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
650273	J-7,J-8,K-7,K-8	16	18

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS-BUILT INFORMATION	
[Seal]		NO.	BY	DATE	USC&GS BRASS DISC STAMPED "REWARD 1969"	CONTRACTOR	DATE
					GEODATUM POSITION (NAD 83)	BY	DATE
					N.M. STATE PLANE COORDINATES	ACCEPTANCE BY	DATE
					(CENTRAL ZONE)	FIELD CHECKED BY	DATE
					N=1487364.063 E=149190.819	CORRECTED BY	DATE
					GROUND TO GRID = 0.999675005	MICRO-FILM INFORMATION	DATE
					DELTA ALPHA = -0071712.26"	RECORDED BY	DATE
						NO.	DATE



LEGEND

- PROPOSED SPOT ELEVATION • 5235.25
- EXISTING SPOT ELEVATION ◊ 5235.25
- EXISTING CONTOUR ————
- PHASE BOUNDARY ————
- DIRECTION OF FLOW ———→
- EXISTING STORM DRAIN LINE ———SD———
- PROPOSED STORM DRAIN INLET ————
- PROPOSED STORM DRAIN LINE ————
- PROPOSED STORM DRAIN MANHOLE ————
- PROPOSED WATER BLOCK ————
- RETAINING WALL ————
- GARDEN WALL ————
- POND CONTOUR ————
- PAD ————
- TB ————
- TURNED BLOCK ————

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CITY OF ALBUQUERQUE
DEPARTMENT OF MUNICIPAL DEVELOPMENT
ARROYO VISTA BLVD AND TIERRA PINTADA STREET

GRADING PLAN

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
For Information Only			
LAST DESIGN UPDATE			
CITY PROJECT NO. 650273	ZONE MAP NO. J-7,J-8,K-7,K-8	SHEET 17	OF 18

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