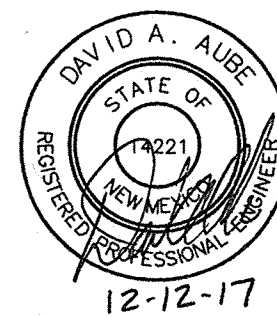


GENERAL NOTES

Record Drawings

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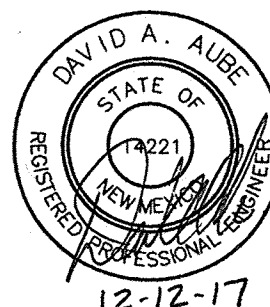


INDEX TO DRAWINGS

SHEET NO.	DESCRIPTION
1	COVER SHEET AND INDEX TO DRAWINGS
1A	RECORDED PLAT
2	TEMPORARY EROSION AND SEDIMENT CONTROL PLAN
3	OVERALL SITE PLAN
4	IRVING BOULEVARD DEMOLITION PLAN AND ROADWAY SECTIONS
5	IRVING BOULEVARD NW PAVING PLAN
6	ENLARGED INTERSECTION AND DRIVEWAY PAVING PLANS
6A	ENLARGED CURB ACCESS RAMP PLANS
7	RAINBOW BOULEVARD NW PAVING PLAN (REFERENCE ONLY)
8	IRVING BOULEVARD NW UTILITY PLAN AND PROFILE
9	RAINBOW BOULEVARD NW UTILITY PLAN AND PROFILE
10	RAINBOW BOULEVARD NW UTILITY PLAN AND PROFILE(REFERENCE ONLY)
11	ON-SITE UTILITY PLAN AND PROFILE (REFERENCE ONLY)
12	ON-SITE UTILITY PLAN (REFERENCE ONLY)
13	IRVING BOULEVARD STRIPING PLAN
14	GRADING AND DRAINAGE PLAN (REFERENCE ONLY)
14A	IRVING FULL BUILD OUT PLAN (REFERENCE ONLY)

accordance with the design intent of the
Public Work Order plans dated 5-22-17.
The record information that has been
added onto the original design
documents when obtained by Will
Neish of Wilson and Company (NM
21081).

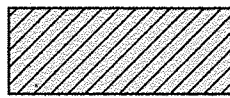
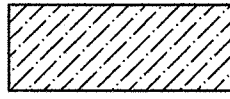
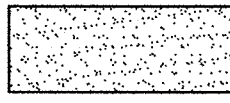
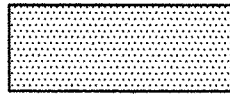
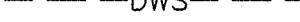
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LEGEND

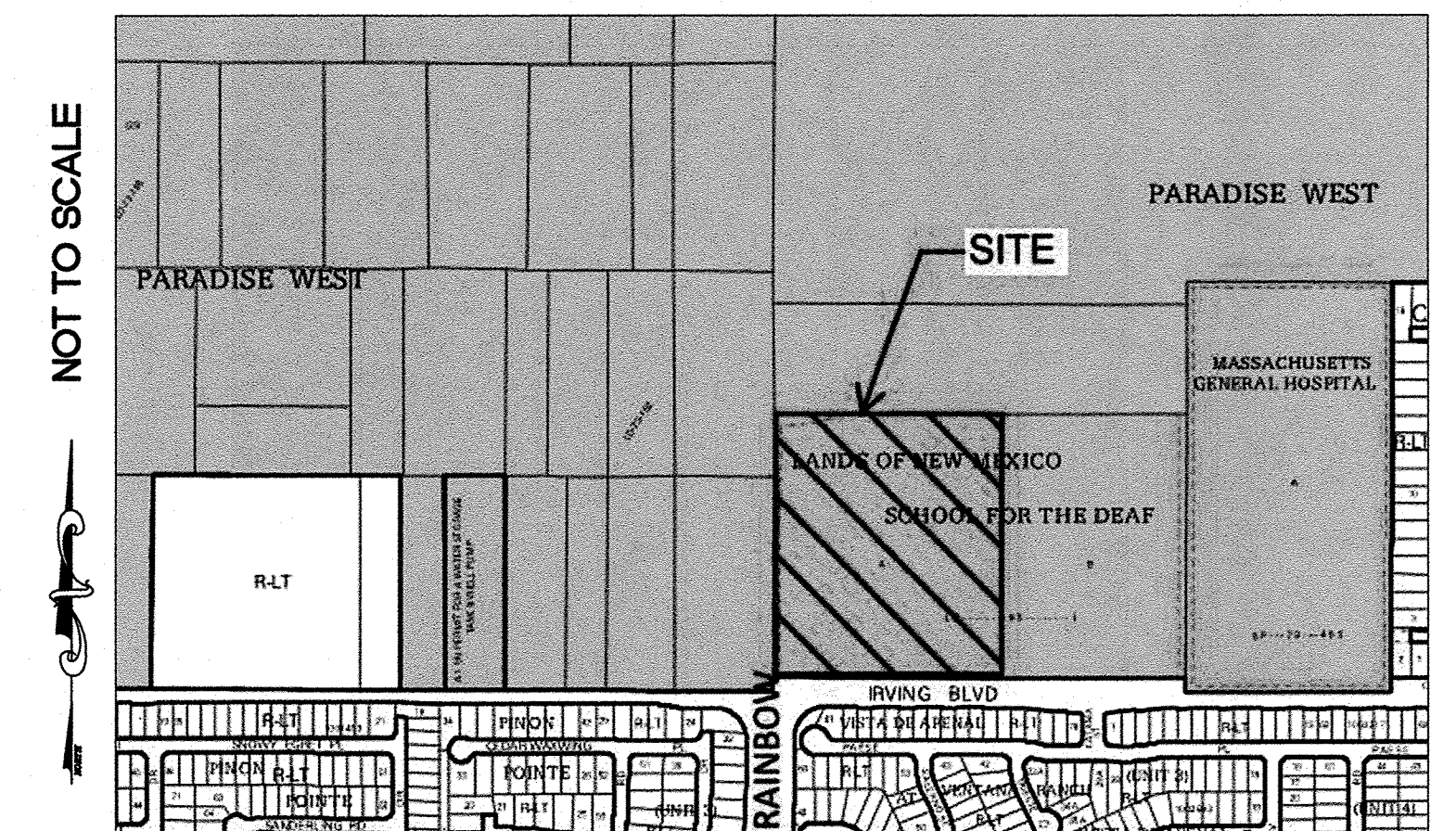
ABBREVIATIONS

A	=	AIR LINE
AD	=	AREA DRAIN
AIP	=	ABANDONED IN PLACE
BLDG	=	BUILDING
BM	=	BENCHMARK
CATV	=	CABLE TELEVISION LINE
CIP	=	CAST IRON PIPE
CMP	=	CORRUGATED METAL PIPE
CMPA	=	CORRUGATED METAL PIPE ARCH
CO	=	CLEANOUT
COA	=	CITY OF ALBUQUERQUE
CONC	=	CONCRETE
CL	=	CENTERLINE
DIA	=	DIAMETER
DIP	=	DUCTILE IRON PIPE
DTL	=	DETAIL
DWG	=	DRAWING
DWS	=	WATER
EG	=	EXISTING GRADE
ELEC.	=	ELECTRIC
ELEV	=	ELEVATION
EX	=	EXISTING
FF	=	FINISHED FLOOR ELEVATION
FG	=	FINISHED GRADE
FH	=	FIRE HYDRANT
FL	=	FLOW LINE
GM	=	GAS METER
GV	=	GATE VALVE
HI PT	=	HIGH POINT
INV	=	INVERT ELEVATION
LF	=	LINEAL FEET
LP	=	LIGHT POLE
L/S	=	LANDSCAPING
MH	=	MANHOLE
MG	=	MEDIUM PRESSURE GAS PIPE
NG	=	NATURAL GROUND
OE	=	OVERHEAD ELECTRIC LINE
OT	=	OVERHEAD TELEPHONE LINE
PB	=	ELECTRICAL PULL BOX
PCC	=	PORTLAND CEMENT CONCRETE
PP	=	POWER POLE
PROP	=	PROPOSED
PVC	=	POLYVINYL CHLORIDE PIPE
RCP	=	REINFORCED CONCRETE PIPE
R/W	=	RIGHT-OF-WAY
S	=	SLOPE
SAS	=	SANITARY SEWER
SD	=	STORM DRAIN
STA	=	STATION
STD	=	STANDARD
SW	=	SIDEWALK
T	=	TELEPHONE
TA	=	TOP OF ASPHALT PAVEMENT
TAC	=	TOP OF ASPHALT CURB
TC	=	TOP OF CONCRETE SLAB (PAVEMENT)
TCC	=	TOP OF CONCRETE CURB
TS	=	TOP OF SIDEWALK
TW	=	TOP OF WALL
TYP	=	TYPICAL
UE	=	UNDERGROUND ELECTRIC
UT	=	UNDERGROUND TELEPHONE
WM	=	WATER METER
WV	=	WATER VALVE

	NEW CURB AND GUTTER & SIDEWALK		ASPHALT PAVEMENT PER 2408 PRINCIPAL ARTERIAL
	EX CURB AND GUTTER & SIDEWALK		SAWCUT, REMOVAL OF ASPHALT
	PROP FIRE HYDRANT		8" THICK BASE COURSE FIRE LANE
	PROP WATER VALVE		CONCRETE SIDEWALK
	PROPERTY LINE		TEMPORARY ASPHALT SIDEWALK
	EX SAS MANHOLE		
	PROP SAS MANHOLE		
	PROP WATER METER		
(S 83°39'25" W) RECORD BEARING AND DISTANCES			
	PROPOSED SANITARY SEWER LINE		
	EX SANITARY SEWER LINE		
	PROPOSED WATER LINE		
	EX WATER LINE		
N 00°07'27" W MEASURED BEARING AND DISTANCES			

- [illegible]

ZONE ATLAS A9Z



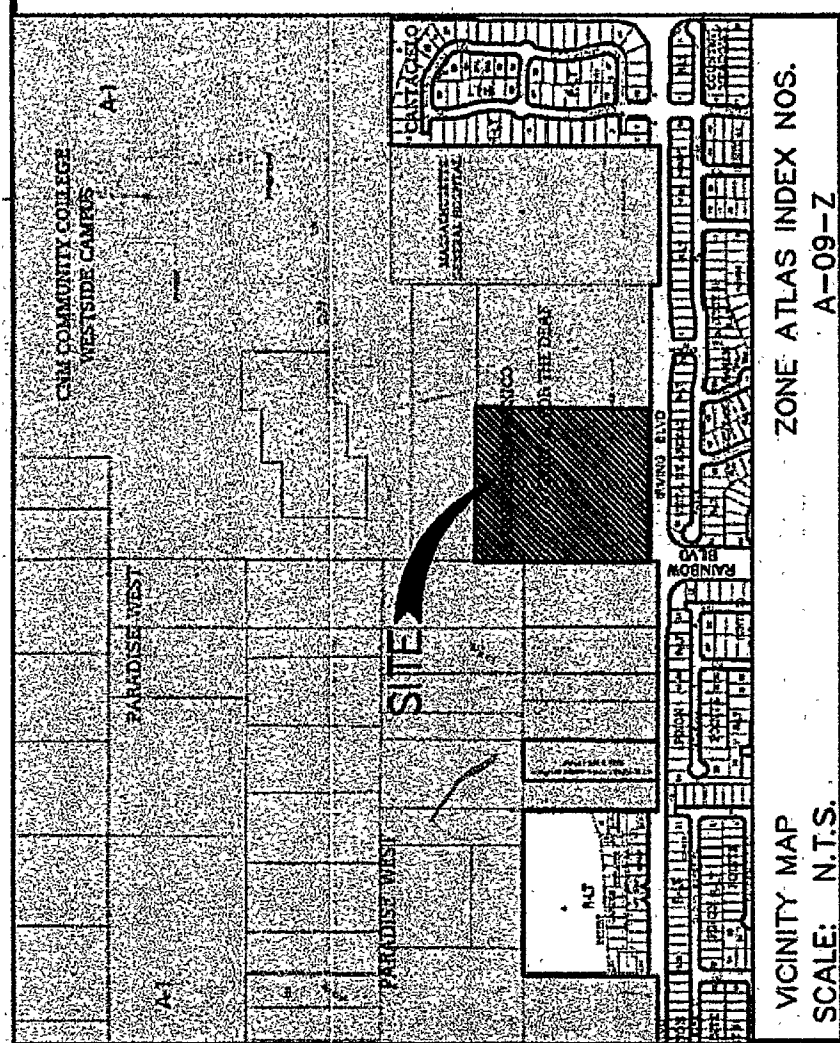
VICINITY MAP

BERNALILLO COUNTY PUBLIC WORKS COORDINATION
CONTACT: TIEQUAN CHEN
BERNALILLO COUNTY PUBLIC WORKS DEPARTMENT
(505) 858-1517

COA/PNM STREET LIGHT COORDINATION
CONTACT:
MARTIN CARRASCO
COA TRAFFIC ENGINEERING DIVISION
(505) 857-8688

dg THE HARTMAN + MAJEWSKI
DESIGN GROUP
120 VASSAR DRIVE SE SUITE 100
ALBUQUERQUE, NEW MEXICO 87108
PHONE: 505.242.4880 FAX: 505.242.4883

[illegible]



NEIGHBORHOOD MAP
SCALE: N.T.S.
ZONE ATLAS INDEX NOS.
A-09-Z

SUBDIVISION DATA:

TOTAL NO. OF LOTS EXISTING: 1
TOTAL NO. OF LOTS CREATED: 1
GROSS SUBDIVISION ACRES: 14.9997 ACS.
TOTAL MILES OF STREETS CREATED: -
ZONE ATLAS INDEX NO.: A-09-Z
DATE OF SURVEY: MAY 2015
CURRENT ZONING: A-1

STATEMENT OF DECLARATION:

THE PURPOSE OF THIS PLAT IS TO DEDICATE ADDITIONAL RIGHT-OF-WAY AND GRANT EASEMENTS AS SHOWN HEREON.

GENERAL NOTES:

1. FIELD SURVEY WAS PERFORMED IN MAY, 2015.
2. ALL DISTANCES ARE GROUND DISTANCES.
3. RECORD PLAT BEARINGS AND DISTANCE, WHERE THEY DIFFER FROM THOSE ESTABLISHED BY THIS FIELD SURVEY, ARE SHOWN IN PARENTHESES ().
4. BEARINGS SHOWN ARE NEW MEXICO STATE PLANE GRID BEARINGS (CENTRAL ZONE NAD 83) BASED UPON A LINE FROM ACS "3-AIT" TO NGS "LSS 103". SAID BEARING BEING: N 26° 25' 48" E.
5. THE FOLLOWING DOCUMENT(S) WERE USED IN THE PREPARATION OF THIS PLAT:
a.) PLAT OF SURVEY, DATED: 12/28/1994, VOL.: 94C, FOLIO: 433
b.) PLAT OF SURVEY, DATED: 07/12/1985, VOL.: C27, FOLIO: 164
c.) PLAT OF SURVEY, DATED: 06/24/2004, BOOK: 2004C, PAGE: 193
d.) WARRANTY DEED, DATED: 10/15/1991, BOOK: 91-18, PAGE: 2671
e.) WARRANTY DEED, DATED: 02/22/1995, BOOK: 95-4, PAGE: 9398
6. NO PROPERTY WITHIN THE AREA OF REQUESTED FINAL ACTION 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 PARCELS WITHIN THE AREA OF PROPOSED PLAT. THE FOREGOING REQUIREMENT SHALL BE A CONDITION TO APPROVAL OF THIS PLAT OR SITE DEVELOPMENT PLAT FOR SUBDIVISION.

LEGAL DESCRIPTION:

A TRACT OF LAND BEING IDENTIFIED AS TRACT A, LANDS OF NEW MEXICO SCHOOL FOR THE DEAF, AS SHOWN AND DESIGNATED ON SAID PLAT THEREOF, FILED IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO ON DECEMBER 28, 1994 IN VOLUME: 94C, FOLIO: 433; AND BEING MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS:

BEGINNING AT A FOUND REBAR AND CAP STAMPED "LS 11184" MARKING THE NORTHEAST CORNER OF SAID TRACT A HEREIN DESCRIBED, WHENCE THE NGS CONTROL STATION LSS 103 BEARS S. 89° 37' 25" E., A DISTANCE OF 9,195.71 FEET; THENCE, FROM SAID POINT OF BEGINNING,

S. 00° 19' 22" W., A DISTANCE OF 888.06 FEET TO THE SOUTHEAST CORNER OF SAID

TRACT A HEREIN DESCRIBED; THENCE,

N. 89° 46' 54" W., A DISTANCE OF 735.75 FEET TO THE SOUTHWEST CORNER OF SAID

TRACT A HEREIN DESCRIBED; THENCE,

N. 00° 19' 22" E., A DISTANCE OF 888.06 FEET TO THE NORTHWEST CORNER OF SAID TRACT A HEREIN DESCRIBED; THENCE,

N. 89° 46' 54" E., A DISTANCE OF 735.75 FEET TO THE POINT OF BEGINNING AND CONTAINING 14.9997 ACRES, MORE OR LESS.

DEDICATION AND FREE CONSENT:

THE SUBDIVISION HEREON IS WITH THE FREE CONSENT AND IN ACCORDANCE WITH THE DESIRES OF THE UNDERSIGNED OWNER AND DOES HEREBY DEDICATE TO THE CITY OF ALBUQUERQUE AND BERNALILLO COUNTY IN FEE SIMPLE THE PUBLIC STREET RIGHT-OF-WAY (47' WIDTH & 58' WIDTH) AND GRANT THE EASEMENTS AS SHOWN, INCLUDING THE RIGHTS OF INGRESS AND EGRESS AND THE RIGHT TO TRIM INTERFERING TREES.

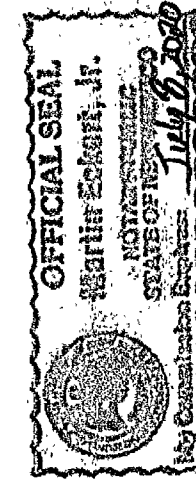
PROPERTY OWNER SIGNATURE(S):

APS NW FAMILY SCHOOL COMPLEX
Raquel M. Reedy 9-23-16
FOR: ALBUQUERQUE PUBLIC SCHOOLS
DATE

STATE OF NEW MEXICO }
COUNTY OF BERNALILLO }

THIS INSTRUMENT WAS ACKNOWLEDGED BEFORE ME ON THIS 23rd DAY OF September 2016, BY RAQUEL M. REEDY, SUPERINTENDENT OF SCHOOLS, ALBUQUERQUE PUBLIC SCHOOLS.

NOTARY PUBLIC: Walter G. Del Rio
MY COMMISSION EXPIRES: July 9, 2020



THIS IS TO CERTIFY THAT TAXES ARE CURRENT AND PAID ON

UNIFORM PROPERTY CODE # : 100906830604840105
PROPERTY OWNER OF RECORD: ALBUQUERQUE PUBLIC SCHOOLS
(NEW MEXICO SCHOOL FOR THE DEAF)

BERNALILLO COUNTY TREASURER'S OFFICE: _____ DATE: 10-13-16
Theresa Cade
ATC/WLA

PLAT SHOWING
APS NW FAMILY SCHOOL COMPLEX
and proposed replat of TRACT A,
LANDS OF NEW MEXICO SCHOOL FOR THE DEAF
within THE TOWN OF ALAMEDA GRANT,
PROJECTED SECTION 4,
TOWNSHIP 11 NORTH, RANGE 2 EAST,
NEW MEXICO PRINCIPAL MERIDIAN
BERNALILLO COUNTY, NEW MEXICO
AUGUST 2016

CASE NUMBER: SAP 2016-0054

PLAT APPROVAL

UTILITY APPROVALS: PUBLIC UTILITY EASEMENTS SHOWN ON THIS PLAT ARE NOT EXCLUSIVE AND ARE GRANTED FOR THE COMMON AND JOINT USE OF THE UTILITIES DESIGNATED ON THIS PLAT, THEIR SUCCESSORS AND ASSIGNS, AND FOR THE USE OF ANY OTHER PUBLIC UTILITIES WHOSE USE OF SAID EASEMENT IS DEEDED TO BE IN THE PUBLIC INTEREST. DISCLAIMER: IN APPROVING THIS PLAT, PUBLIC SERVICE COMPANY OF NEW MEXICO (PNM), NEW MEXICO GAS COMPANY (NMGC), AND QWEST CORPORATION D/B/A/ CENTURYLINK DID NOT CONDUCT A TITLE SEARCH OF THE PROPERTIES SHOWN HEREON, CONSEQUENTLY, PNM, NMGC AND QWEST CORPORATION D/B/A/ CENTURYLINK DO NOT WAIVE NOR RELEASE ANY EASEMENT OR EASEMENT RIGHTS WHICH MAY HAVE BEEN GRANTED BY PRIOR PLAT, REPLAT OR OTHER DOCUMENT, WHICH ARE NOT SHOWN ON THIS PLAT.

W. Del Rio 9/26/16
NEW MEXICO GAS COMPANY
DATE
Raquel M. Reedy 9-23-16
PNM, ELECTRIC SERVICES
DATE
Walter G. Del Rio 9/26/16
QWEST CORPORATION D/B/A CENTURYLINK QC
DATE
Walter G. Del Rio 9/26/16
COMCAST
DATE

CITY/COUNTY APPROVALS:

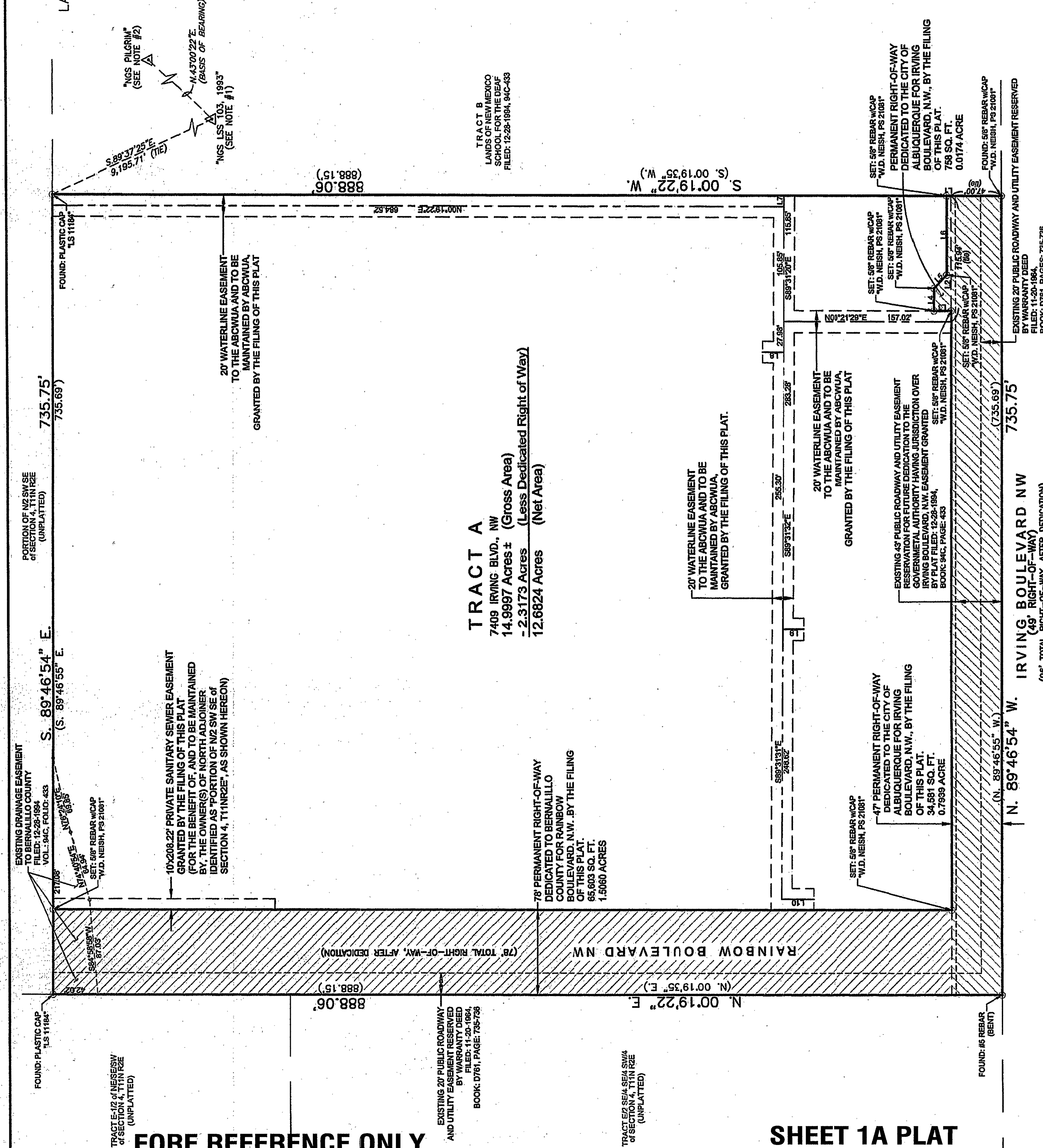
Steven M. Rivero 9-5-16
CITY SURVEYOR
DATE
Walter G. Del Rio 10/14/16
A.M.A.F.C.A.
DATE
Walter G. Del Rio 10/13/16
BERNALILLO COUNTY PUBLIC WORKS DIVISION
DATE
Walter G. Del Rio 10-13-16
BERNALILLO COUNTY ENVIRONMENTAL HEALTH
DATE
Walter G. Del Rio 10-13-16
BERNALILLO COUNTY FIRE MARSHAL'S OFFICE
DATE
Walter G. Del Rio 10-13-16
BERNALILLO COUNTY ZONING
DATE
COUNTY DEVELOPMENT REVIEW AUTHORITY, CHAIR
DATE

SURVEYOR'S CERTIFICATION:

I, WILLIAM D. NESH, A DULY REGISTERED LAND SURVEYOR UNDER THE LAWS OF THE STATE OF NEW MEXICO, DO HEREBY CERTIFY THAT THIS PLAT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION, MEETS THE MINIMUM REQUIREMENTS FOR ORDINANCE, MONUMENTATION AND SURVEYS OF THE BERNALILLO COUNTY SUBDIVISION ORDINANCES, OR BOTH, AND THAT I HAVE MADE KNOWINGLY MY CORRECT AND TRUE TO THE BEST OF MY BELIEF AND KNOWLEDGE AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO AS ADOPTED BY THE NEW MEXICO BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND SURVEYORS EFFECTIVE MAY 1, 2007.

W.D. Nesh
WILSON & COMPANY
4900 Long Avenue NE
Albuquerque, NM 87109

PLAT SHOWING
APS NW FAMILY SCHOOL COMPLEX
and proposed replat of TRACT A,
LANDS OF NEW MEXICO SCHOOL FOR THE DEAF
within THE TOWN OF ALAMEDA GRANT,
PROJECTED SECTION 4,
TOWNSHIP 11 NORTH, RANGE 2 EAST,
NEW MEXICO PRINCIPAL MERIDIAN
BERNALILLO COUNTY, NEW MEXICO
AUGUST 2016

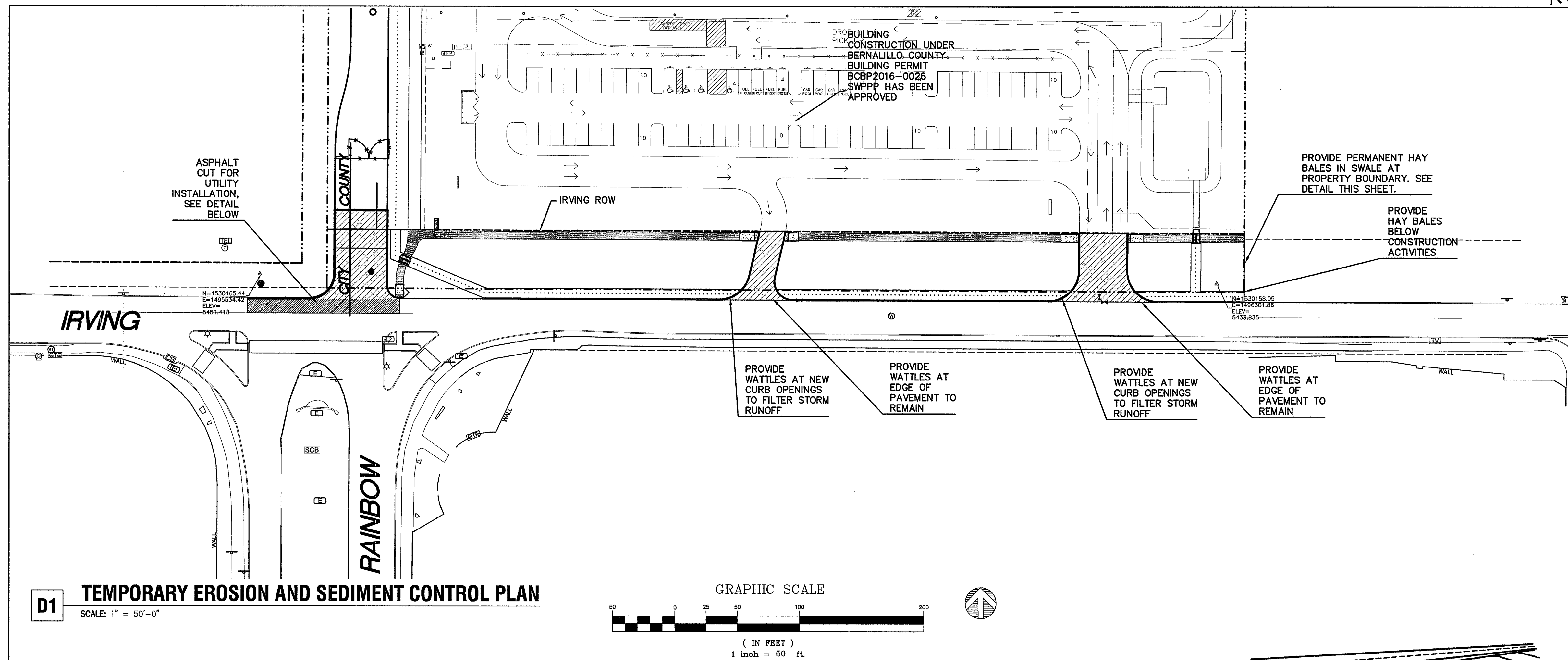


FOR REFERENCE ONLY

SHEET 1A PLAT

LINE	LENGTH	BEARING
L1	4.00'	S00°19'22"W
L2	105.94'	N89°46'58"W
L3	16.41'	N00°21'29"E
L4	20.86'	S89°38'31"E
L5	17.44'	S44°40'02"E
L6	72.74'	S89°46'54"E
L7	10.00'	S89°31'20"E
L8	20.03'	N00°42'53"E
L9	19.94'	S00°13'06"W
L10	30.03'	S00°19'22"W

WILSON & COMPANY
4900 Long Avenue NE
Albuquerque, NM 87109



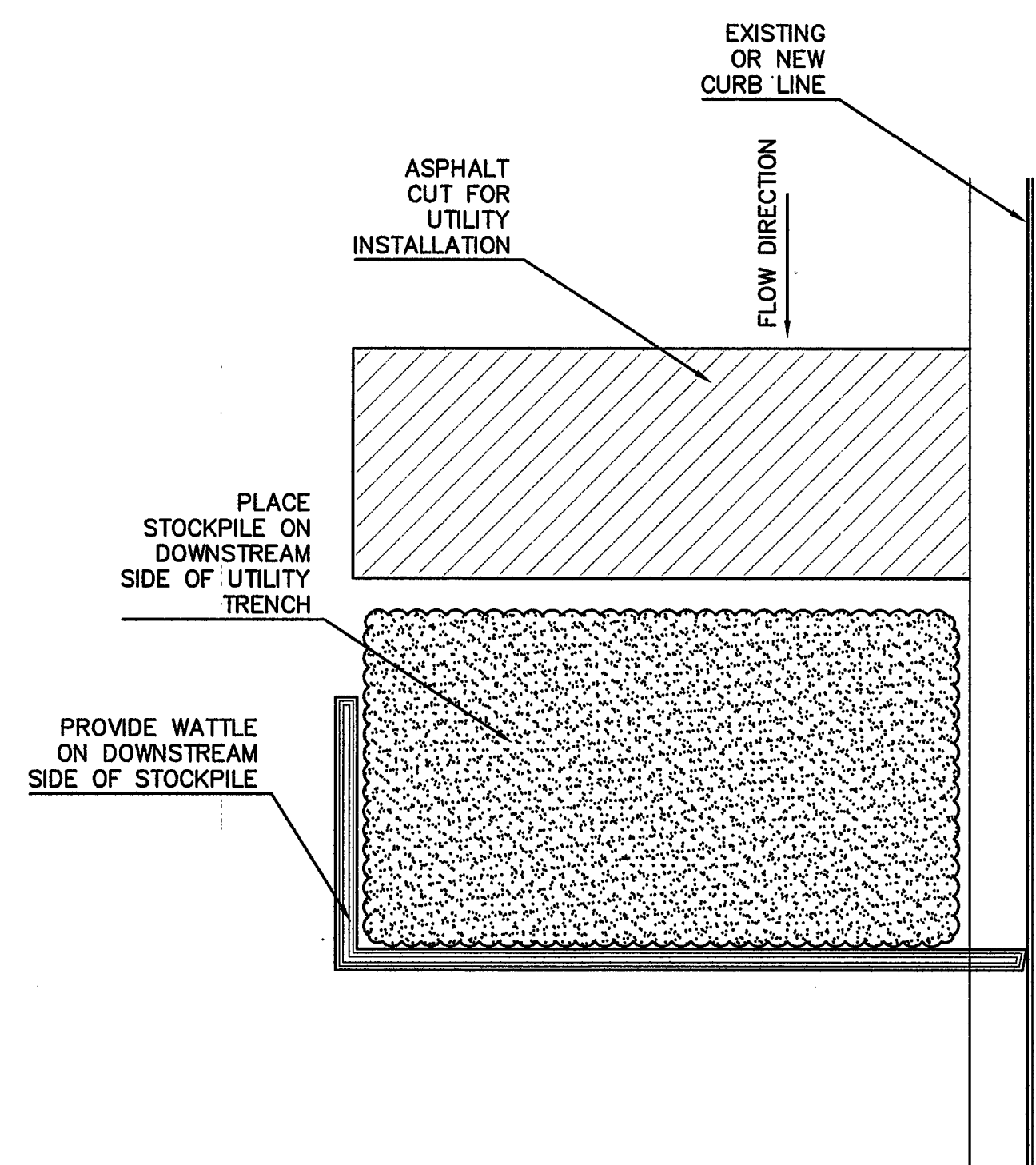
Record Drawings

I, David A Aube. NMPE 14221, of the firm The Hartman + Majewski Design Group, Inc, hereby certify that this project is in substantial compliance with and in accordance with the design intent of the Public Work Order plans dated 5-22-17. The record information that has been edited onto the original design documents when obtained by William Neish of Wilson and Company (NMPS # 21081).

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SURVEY INFORMATION			BENCH MARK		AS-BUILT INFORMATION	
NO.	FIELD NOTES		CONTROL STATION	BENCH MARK	CONTRACTOR	AS-BUILT INFORMATION
	BY	DATE				
			3 3/4 INCH DIAMETER ALUMINUM DISK		WORK STAKED BY <i>WILSON</i>	DATE <i>9-22-17</i>
			NEW MEXICO STATE PLANE COORDINATES		INSPECTOR'S NAME BY <i>WILSON</i>	DATE <i>12-12-17</i>
			(CENTRAL ZONE-N.A.D. 1983)		FIELD VERIFICATION BY <i>WILSON</i>	DATE <i>12-12-17</i>
			X=1,530,978.77		VERIFICATION CORRECTED BY <i>WILSON</i>	DATE <i>12-12-17</i>
			Y=1,505,524.23		CORRECTED BY <i>WILSON</i>	DATE <i>12-12-17</i>
			CGGF=1,000,3350235		MICRO - FILM INFORMATION	
			ELEV=5294.87 (NAVD 86)		RECORDED BY:	DATE
					RECORDED BY:	DATE

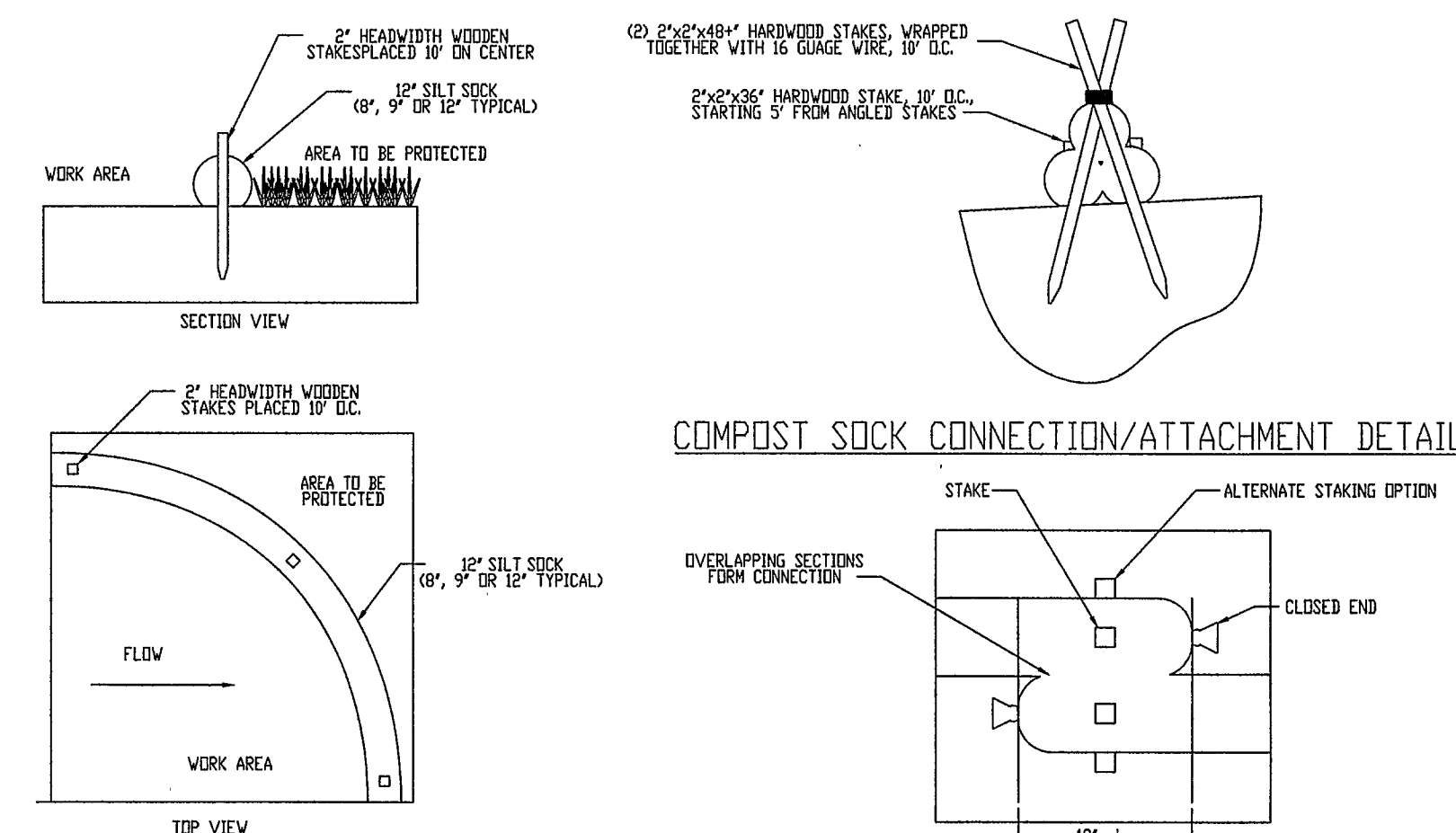
RECORD DRAWING



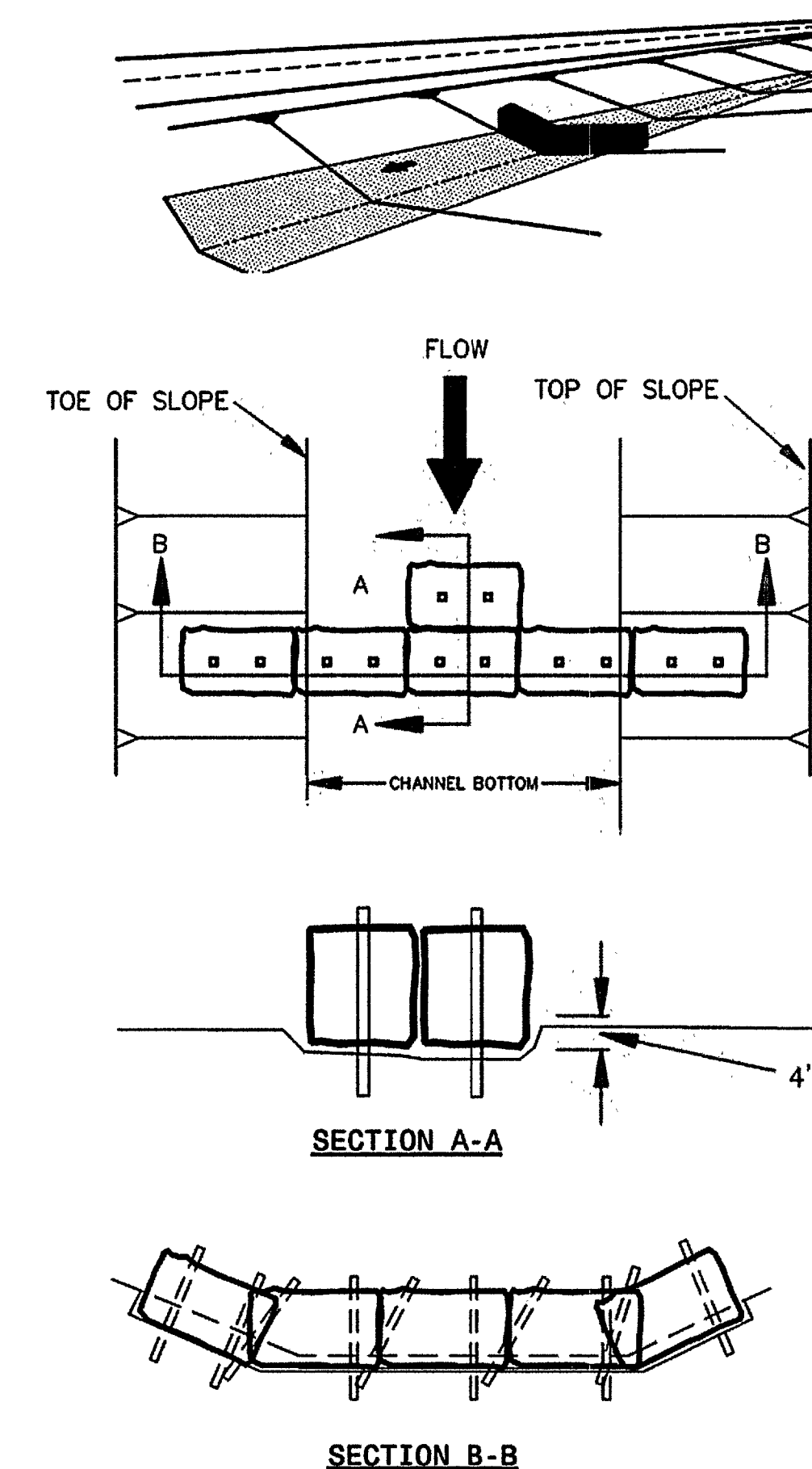
TYPICAL UTILITY CUT DETAIL

NOT TO SCALE

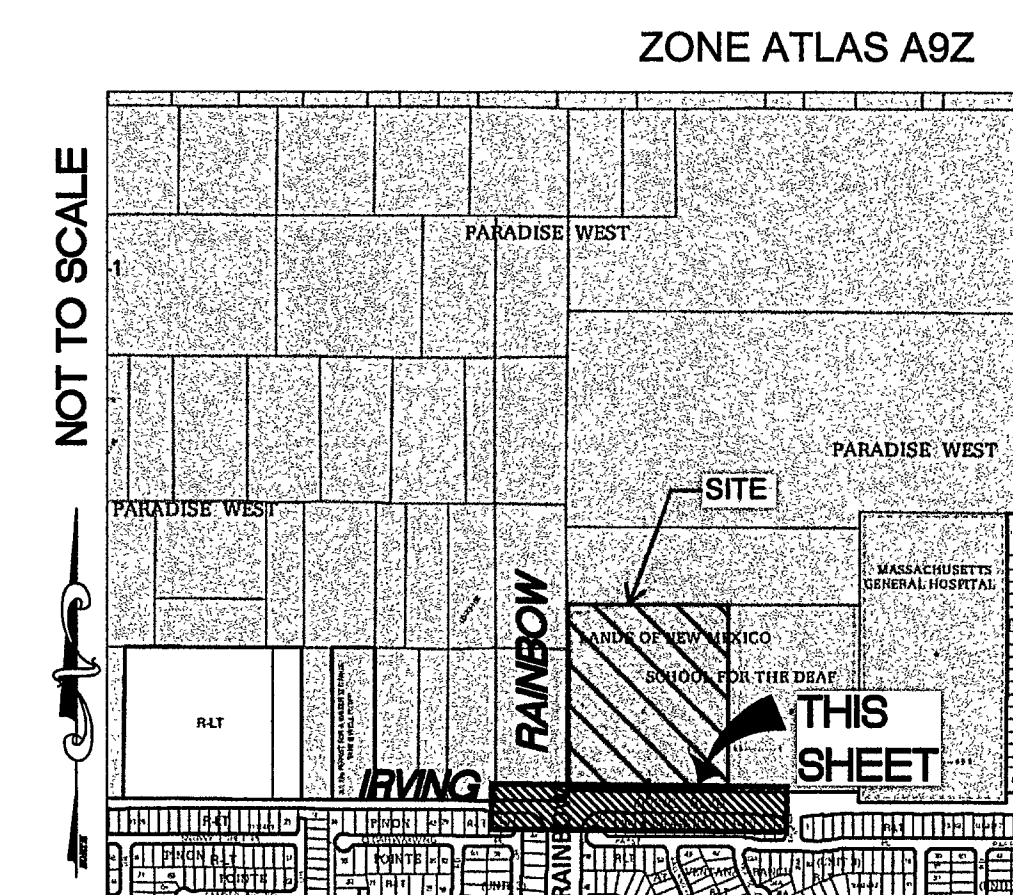
NOTE:
AN ALTERNATIVE TEMPORARY EROSION AND SEDIMENT CONTROL
OPTION IS TO PLACE STOCK PILE ON UPSTREAM SIDE OF
UTILITY CUT.
CONTRACTOR TO APPLY FOR eNOI WITH THE EPA PRIOR TO
BEGINNING ANY SAWCUTTING OR UTILITY TRENCHING.



TYPICAL WATTLE DETAIL
NOT TO SCALE



TYPICAL HAY BALE DETAIL



VICINITY MAP



THE HARTMAN + MAJEWSK
DESIGN GROUP
 120 VASSAR DRIVE SE SUITE 100
 ALBUQUERQUE, NEW MEXICO 87108
 PHONE: 505.242.6880 FAX: 505.242.6888

[illegible]

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE:	ALBUQUERQUE PUBLIC SCHOOLS FAMILY SCHOOL NORTH WEST CAMPUS TEMPORARY EROSION AND SEDIMENT CONTROL PLAN
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Design Review Committee

APPROVED

JUN 14 2017

DESIGN
REVIEW COMMITTEE

City Engineer Approval

APPROVED

AUG 01 2017

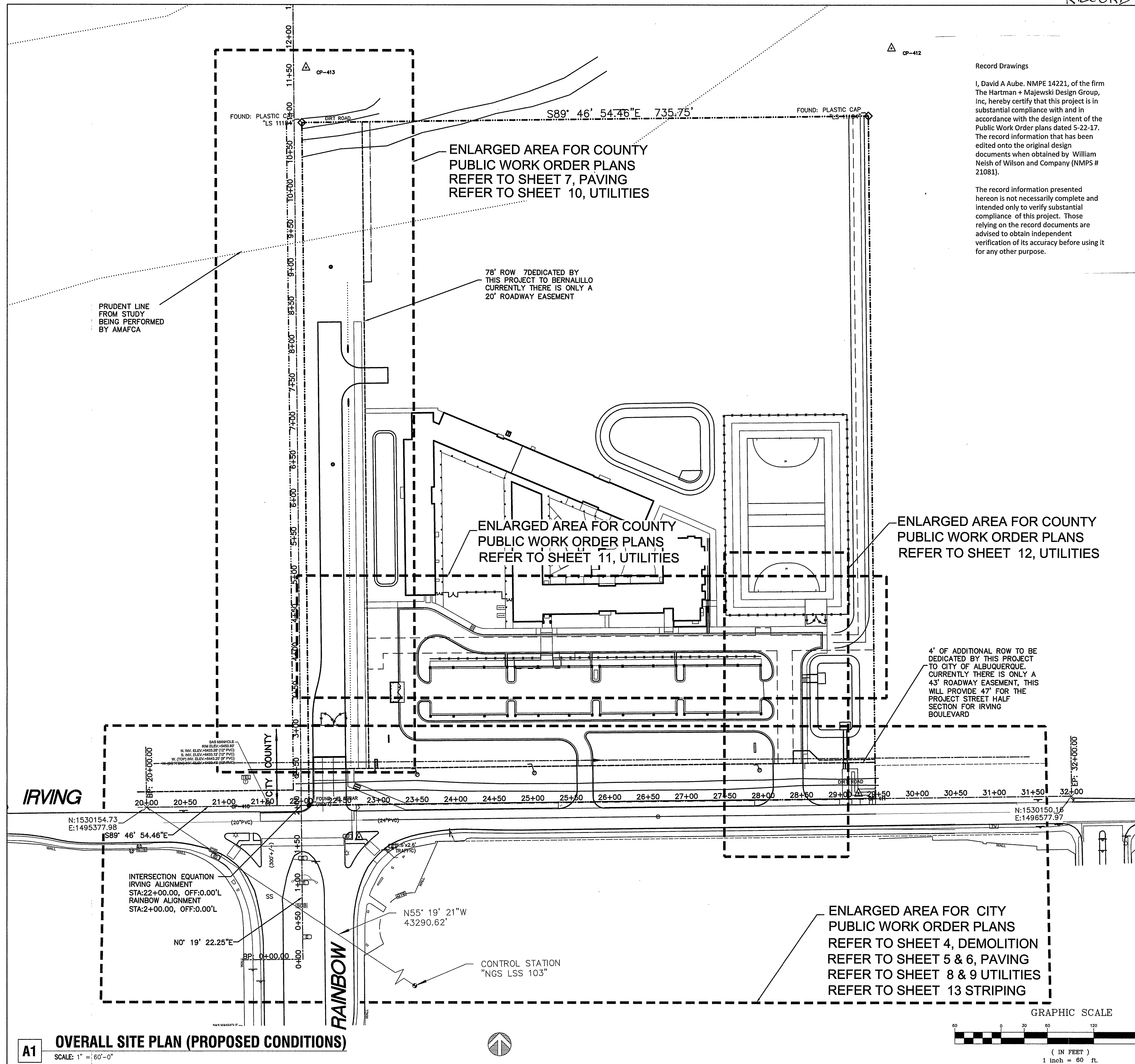
CITY ENGINEER

Last Design Update	
--------------------	--

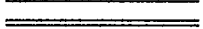
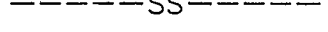
City Project No.

Zone Map
A-9-Z

Sheet	Of
2	14



LEGEND

- | | |
|---|--------------------------------|
|  | NEW CURB AND GUTTER & SIDEWALK |
|  | EX CURB AND GUTTER & SIDEWALK |
|  | EX WATER VALVE |
|  | PROP WATER VALVE |
|  | EX FIRE HYDRANT |
|  | PROP FIRE HYDRANT |
|  | PROPERTY LINE |
|  | EX SD MANHOLE |
|  | EX SAS MANHOLE |
| <i>(S 83°39'25" W)</i> | RECORD BEARING AND DISTANCES |
|  | PROPOSED SANITARY SEWER LINE |
|  | EX SANITARY SEWER LINE |
|  | PROPOSED WATER LINE |
|  | EX WATER LINE |
| <i>N 00°07'27" W</i> | MEASURED BEARING AND DISTANCES |

Record Drawings

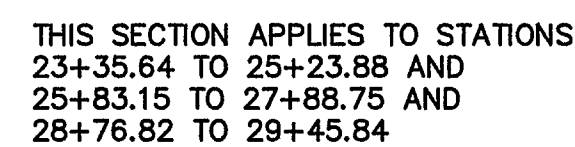
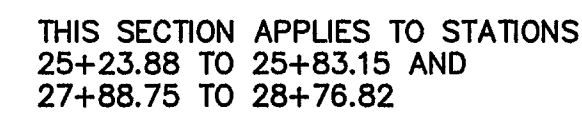
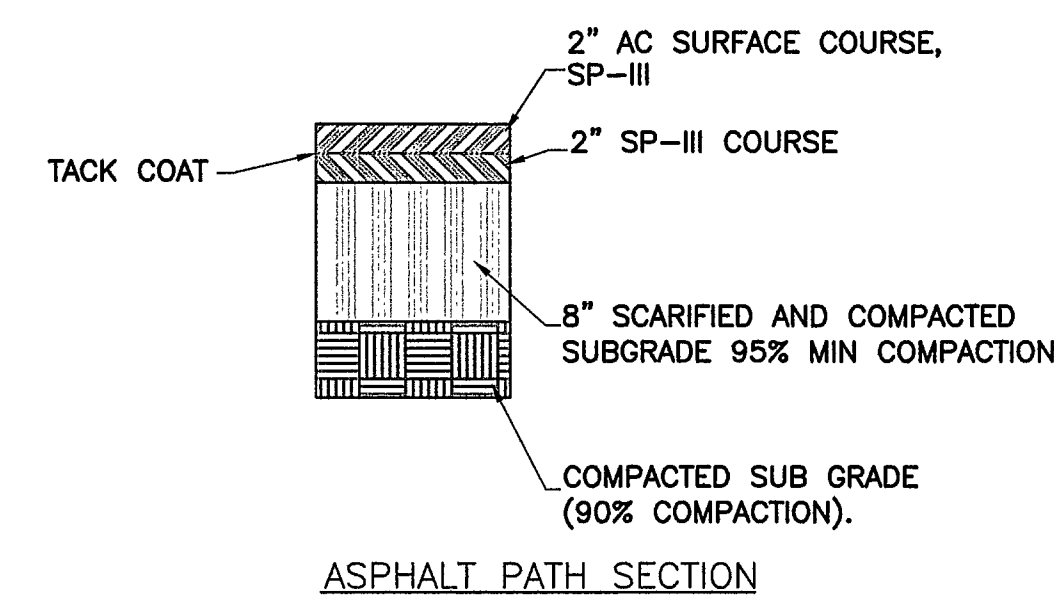
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[illegible]

RECORD DRAWING

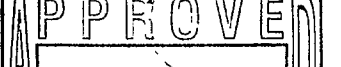
RECORD DRAWING

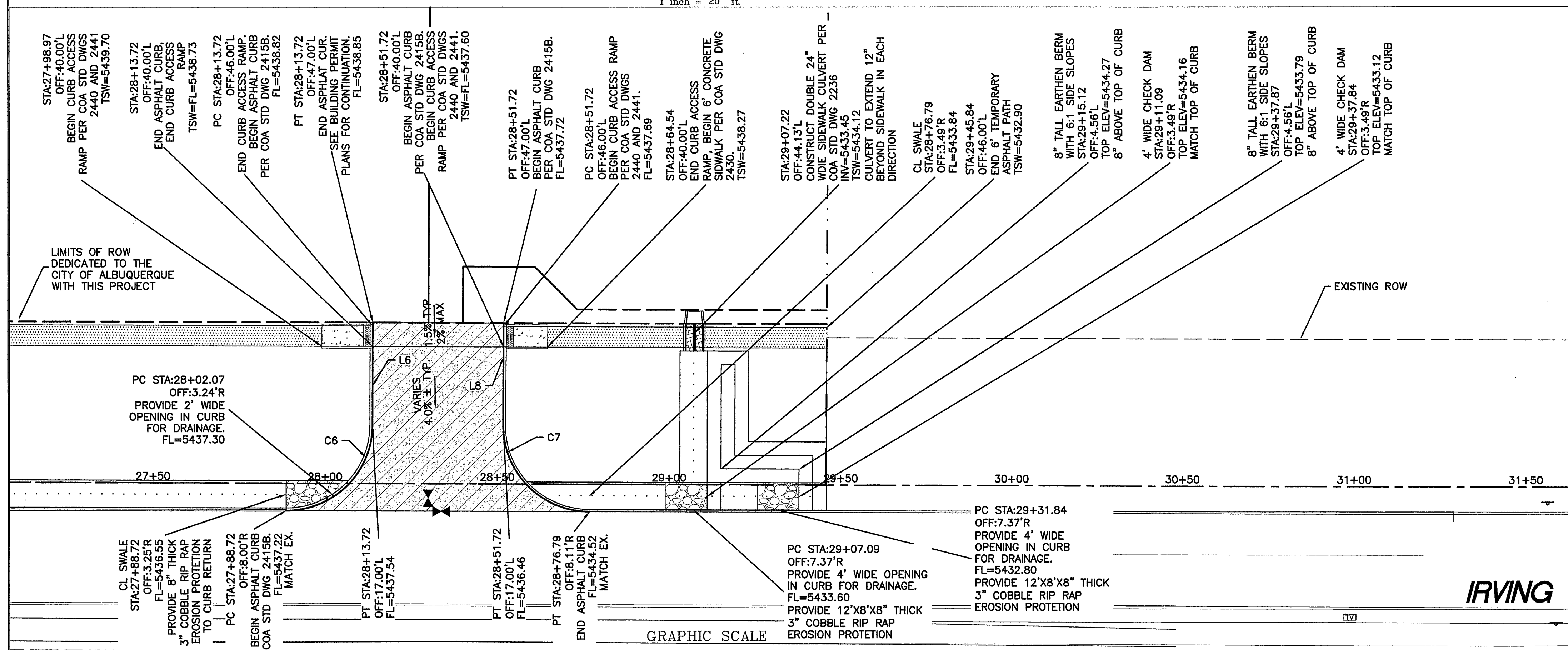


City Project No.	79.3782	Zone Map	A-9-7	Sheet	4	Of	14
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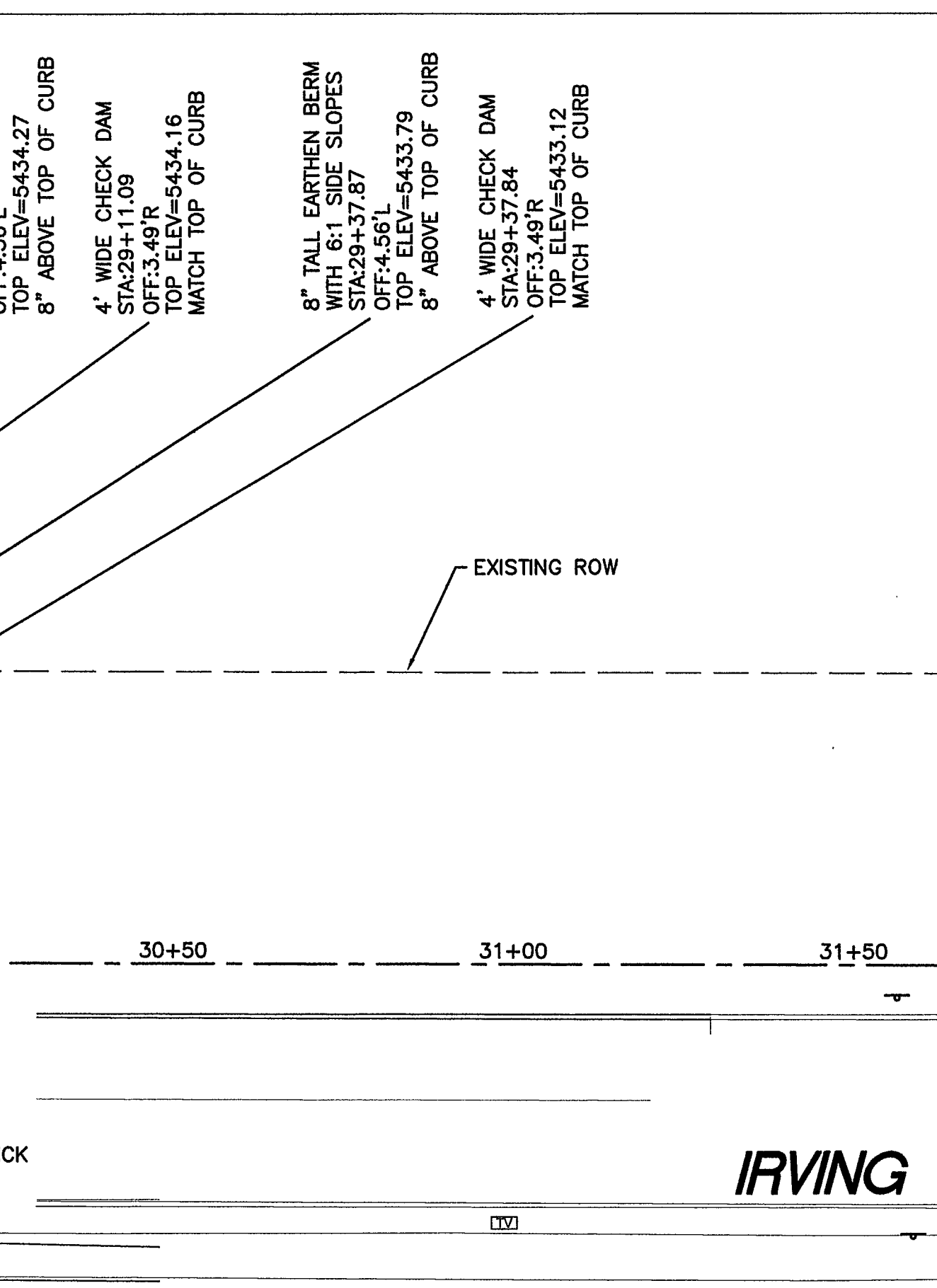


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Design Review Committee		City Engineer Approval		Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.
						
City Project No.		Zone Map			Sheet	Of
793782		A-9-Z			5	14



A1 ENLARGED DRIVEWAY PAVING PLAN



D4 ENLARGED RIGHT OUT PAVING PLAN

Record Drawings

I, David A Aube. NMPE 14221, of the firm The Hartman + Majewski Design Group, Inc, hereby certify that this project is in substantial compliance with and in accordance with the original intent of the Public Work Order plans dated 5-22-17. The record information that has been edited onto the original design documents when obtained by William Neish of Wilson and Company (NMP5 # 21081).

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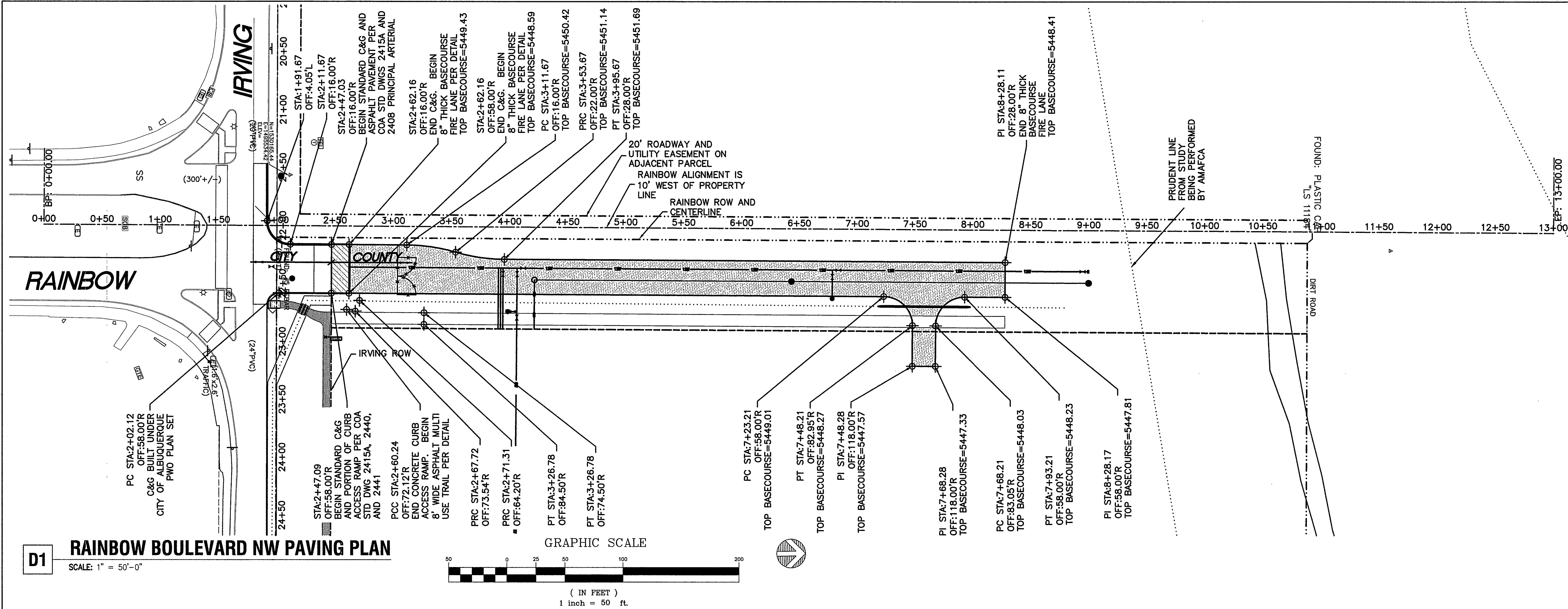
QUARTER POINT TABLE		
EASTERN DRIVEWAY		
WESTERN CURB RETURN (C6)		
POINT	ELEV (FL)	ELEV (TC)
1	5437.46	5437.96
2	5437.38	5437.88
3	5437.30	5437.80
EASTERN CURB RETURN (C7)		
POINT	ELEV (FL)	ELEV (TC)
1	5435.25	5435.75
2	5435.66	5436.16
3	5436.06	5436.56

[illegible]

PROJECT		SHEET NO.	
DATE		SCALE	
TITLE			
DRAWN BY			
CHECKED BY			
APPROVED BY			
REVISIONS			
NOTES			
DETAILS			
OTHER INFORMATION			



RECORD	DRAWING
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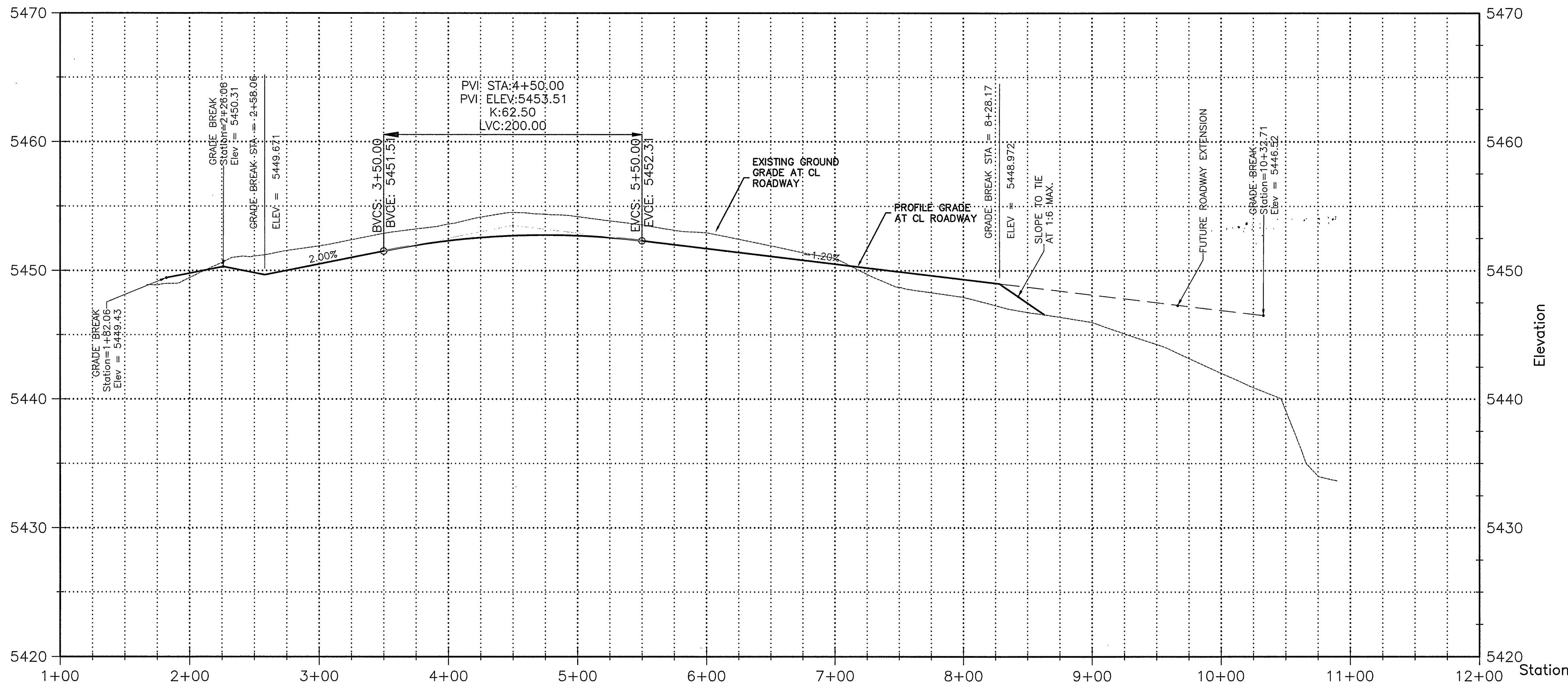
Record Drawings

I, David A. Aube, NMPE 14221, of the firm The Hartman + Majewski Design Group, Inc, hereby certify that this project is in substantial compliance with and in accordance with the design intent of the Public Work Order plans dated 5-22-17. The record information that has been edited onto the original design documents when obtained by William Neish of Wilson and Company (NMPS # 21081).

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RAINBOW BOULEVARD NW PAVING PLAN

SCALE: 1" = 50'-0"



RAINBOW BLVD PROFILE VIEW

SCALE: 1" = 50'-0"

NOT TO SCALE

ZONE ATLAS A9Z

VICINITY MAP

THE HARTMAN + MAJEWSKI
Design Group
120 VASSAR DRIVE SE SUITE 100
ALBUQUERQUE, NEW MEXICO 87106
PHONE: 505.242.6880 FAX: 505.242.6881

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: ALBUQUERQUE PUBLIC SCHOOLS
FAMILY SCHOOL NORTH WEST CAMPUS
RAINBOW BOULEVARD NW PAVING PLAN

Design Review Committee
APPROVED
JUN 14 2017
DESIGN REVIEW COMMITTEE

City Engineer Approval
APPROVED
AUG 01 2017
CITY ENGINEER

City Project No. 793782

Zone Map A-9-Z

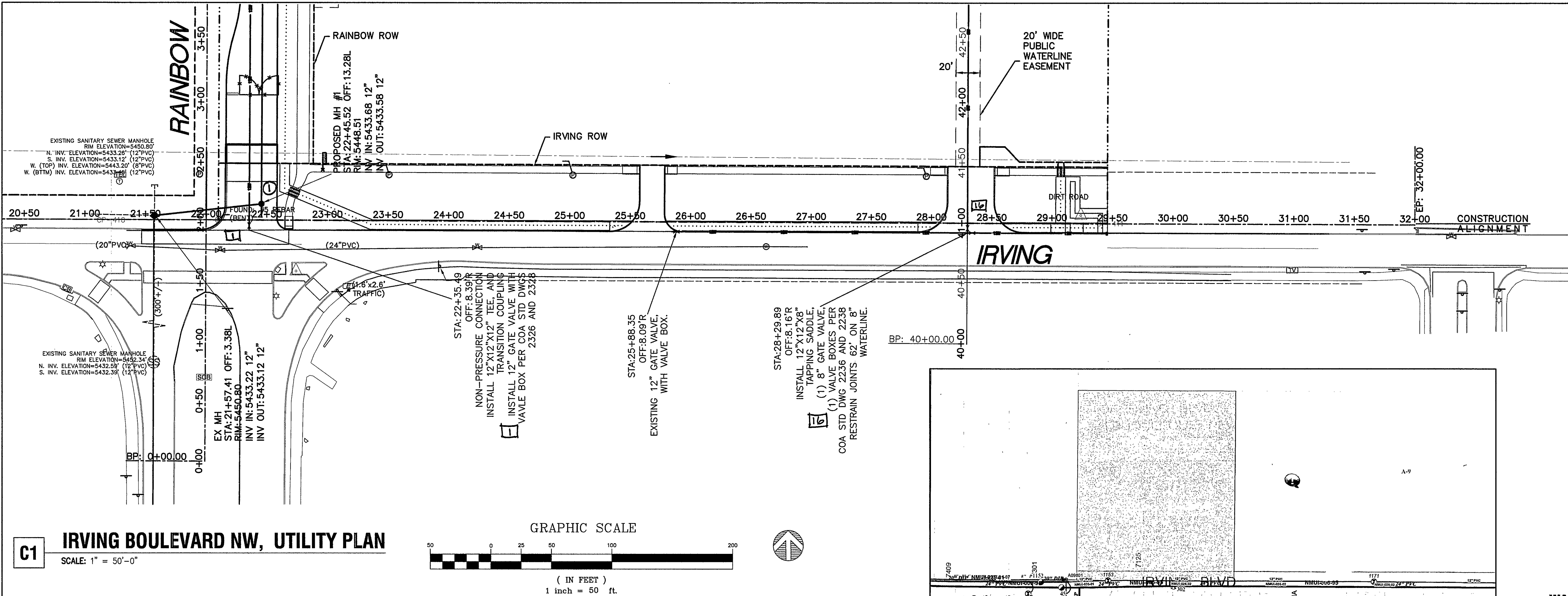
Sheet 7 of 14

REVISIONS

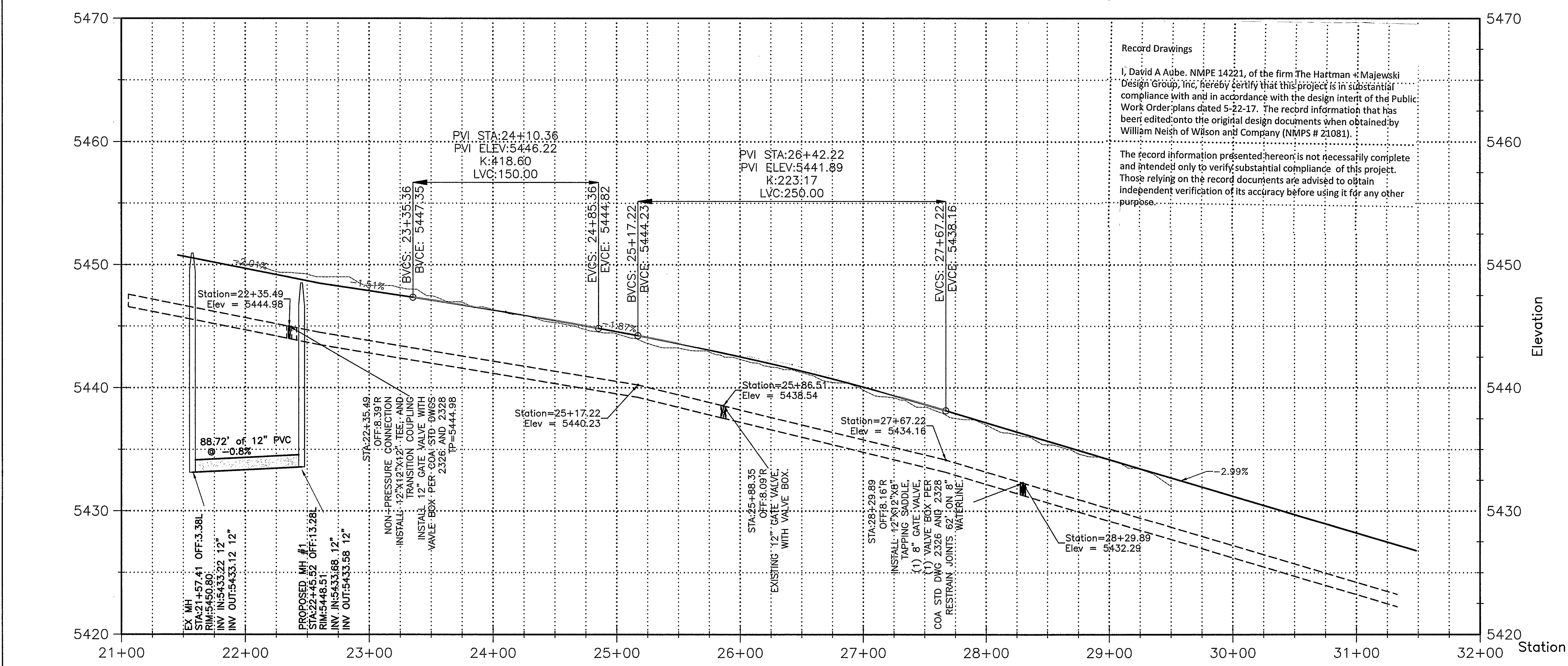
NO.	DATE	REMARKS	BY
1	22 MAY 2017	DESIGN	DAVID A. AUBE, P.E.
2	22 MAY 2017		
3	22 MAY 2017		

DESIGNED BY: DAVID A. AUBE, P.E.
DRAWN BY: DAVID A. AUBE, P.E.
CHECKED BY: DAVID A. AUBE, P.E.

DAVID A. AUBE
STATE OF NEW MEXICO
REGISTERED PROFESSIONAL ENGINEER
14221
5-22-17



C1 IRVING BOULEVARD NW, UTILITY PLAN
SCALE: 1" = 50'-0"



A1 IRVING BOULEVARD NW, PROFILE
SCALE: 1" = 50'-0" HORIZ, 1" = 5'-0" VERT.

UTILITY PLAN GENERAL NOTES

- I. SEE SHEET 1 FOR COMPLETE LIST OF GENERAL NOTES AND SYMBOL/LINE TYPE LEGEND THAT APPLY TO ALL SHEETS.
- II. WATER LINE CONNECTIONS SHALL COMPLY WITH COA DWG 2301.
- III. WATER PIPE TRENCH TERMINOLOGY PER COA DWG 2315.
- IV. WATER LINE VALVES SPECIFICALLY CONTROLLING FIRE SUPPRESSION SYSTEMS AND FIRE HYDRANTS SHALL HAVE VALVE COVERS PER COA DWG 2329. REMAINING WATER VALVES SHALL HAVE VALVE COVERS PER COA DWG 2328.
- V. WATER LINE VALVE BOXES PER COA DWG 2326.
- VI. RESTRAIN JOINTS ON 8" AND 12" WATER LINES WITH CAPPED ENDS BACK TO MAIN LINES.
- VII. CONTRACTOR TO PROVIDE AS-BUILT NORTHING AND EASTING OF WATER VALVES INSTALLED DURING THIS PROJECT IN THE TABLE PROVIDED ON THIS SHEET.
- VIII. 6" FIRE LINE CONNECTIONS FOR BUILDINGS TO HAVE A PRIVATE VALVE WITH POST INDICATOR POST LOCATED JUST INSIDE THE PROPERTY. THIS WORK IS SHOWN ON THE BUILDING PERMIT PLANS. FIRE LINES TO INCLUDE A BACKFLOW PREVENTION DEVICE LOCATED WITHIN HOT BOX TO BE LOCATED WITHIN PROPERTY SERVED PER COA STD DWG 2385. THIS WORK IS SHOWN ON THE BUILDING PERMIT PLANS.
- IX. DOMESTIC WATER LINES TO INCLUDE A BACKFLOW PREVENTION DEVICE LOCATED WITHIN HOT BOX TO BE LOCATED WITHIN PROPERTY SERVED PER COA STD DWG 2385. THIS WORK IS SHOWN ON THE BUILDING PERMIT PLANS.
- X. INVERT ELEVATIONS FOR SAS LATERALS IS FOR CONNECTION TO MAIN LINE. SLOPE LINE UP AT 2% TO ROW LIMITS. CAP AT ROW FOR FUTURE CONNECTION TO BUILDING SITES.
- XI. WATERLINE TO BE DR-18 C900 PVC.
- XII. SANITARY SEWER LINES TO BE SDR-35 PVC.

WATER SHUT OFF PLAN
FOR CONNECTIONS OR IRVING BOULEVARD NW BETWEEN RAINBOW AND CANTA CELLO.

VALVES REQUIRED TO BE CLOSED FOR CONNECTION OF NEW WATERLINE FROM WEST TO EAST ON MAP 1152, 1153 AND 1171.

WATER VALVE AS-BUILT GPS TABLE			
VALVE No.	EASTING (X)	NORTHING (Y)	RIM ELEV (Z)
1	1495612.55	1530152.34	5448.87
2	1495616.86	1530347.12	5451.36
3	1495621.07	1530359.69	5451.46
4	1495614.90	1530365.06	5451.66
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9	1495652.38	1530357.41	5451.71
10	1495922.07	1530357.88	5448.05
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13	1496180.91	1530358.14	5440.71
14	1496208.83	1530351.19	5439.64
15	1496212.96	1530355.50	5439.52
16	1496211.47	1530147.92	5436.04

SAS MANHOLE AS-BUILT GPS TABLE			
MH No.	EASTING (X)	NORTHING (Y)	RIM ELEV (Z)
1	1495623.28	1530167.46	5448.35
2	1495625.98	1530596.22	5450.20
3	1495628.23	1530853.47	5447.01

THE HARTMAN + MAJEWSKI DESIGN GROUP
120 VASSAR DRIVE SE SUITE 100
ALBUQUERQUE, NEW MEXICO 87106
PHONE: 505.242.6880 FAX: 505.242.6881

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: ALBUQUERQUE PUBLIC SCHOOLS
FAMILY SCHOOL NORTH WEST CAMPUS
IRVING BOULEVARD NW, UTILITY PLAN AND PROFILE

DESIGNED BY: DAVID A. AUBE, P.E.
CHECKED BY: DAVID A. AUBE, P.E.

DATE 22 MAY 2017
DATE 22 MAY 2017
DATE 22 MAY 2017

City Project No. 793782
Zone Map A-9-Z
Sheet 8 Of 14

AS-BUILT INFORMATION

CONTRACTOR: HARTMAN + MAJEWSKI
STAMPED BY: DAVID A. AUBE
INSPECTOR'S DATE: 4-22-17
ACCEPTANCE BY: [Signature]
DATE: 12-12-17
DRAWINGS BY: [Signature]
DATE: 12-12-17
CORRECTED BY: [Signature]
DATE: 12-12-17

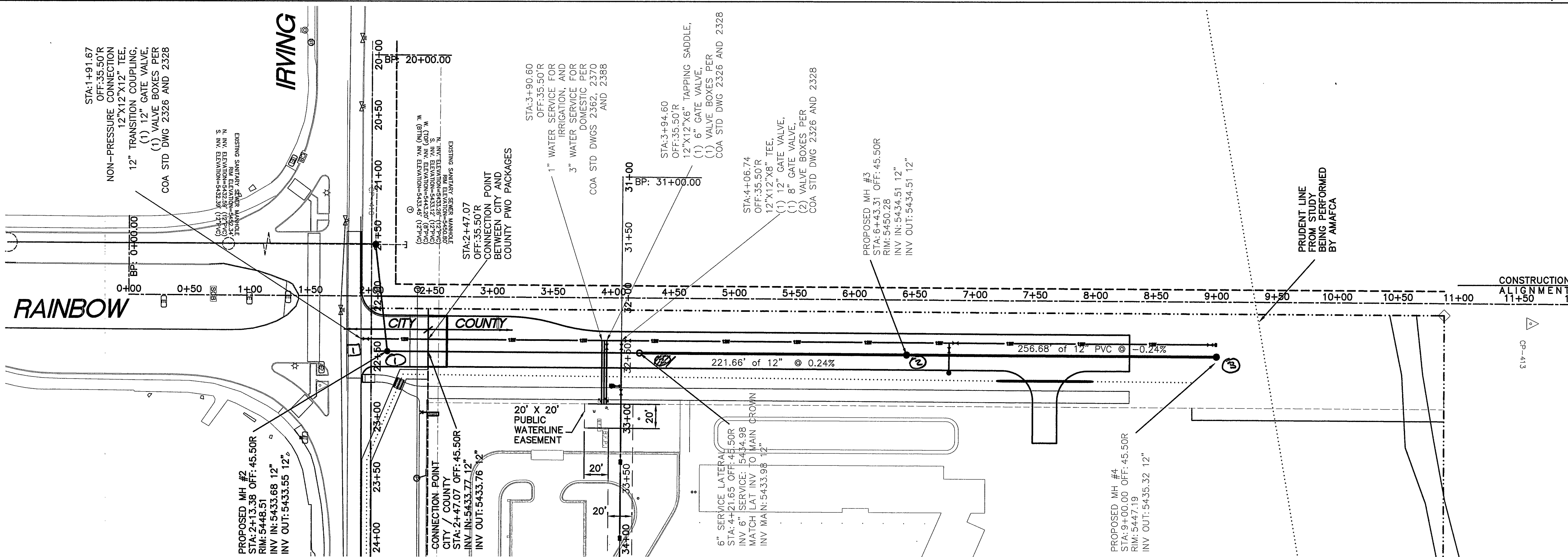
BENCH MARK

CONTROL STATION: NGS, LSS 103"
3 3/4" INCH DIAMETER ALUMINUM DISK
NEW MEXICO STATE PLANE COORDINATES
(CENTRAL ZONE-NAD, 1983)
X=1,530,978.77
Y=1,505,524.23
CGG=1,000,350,235
ELEV=5294.87 (NAD, 88)

SURVEY INFORMATION

FIELD NOTES BY: [Signature]
DATE: [Date]
NO. [Number]

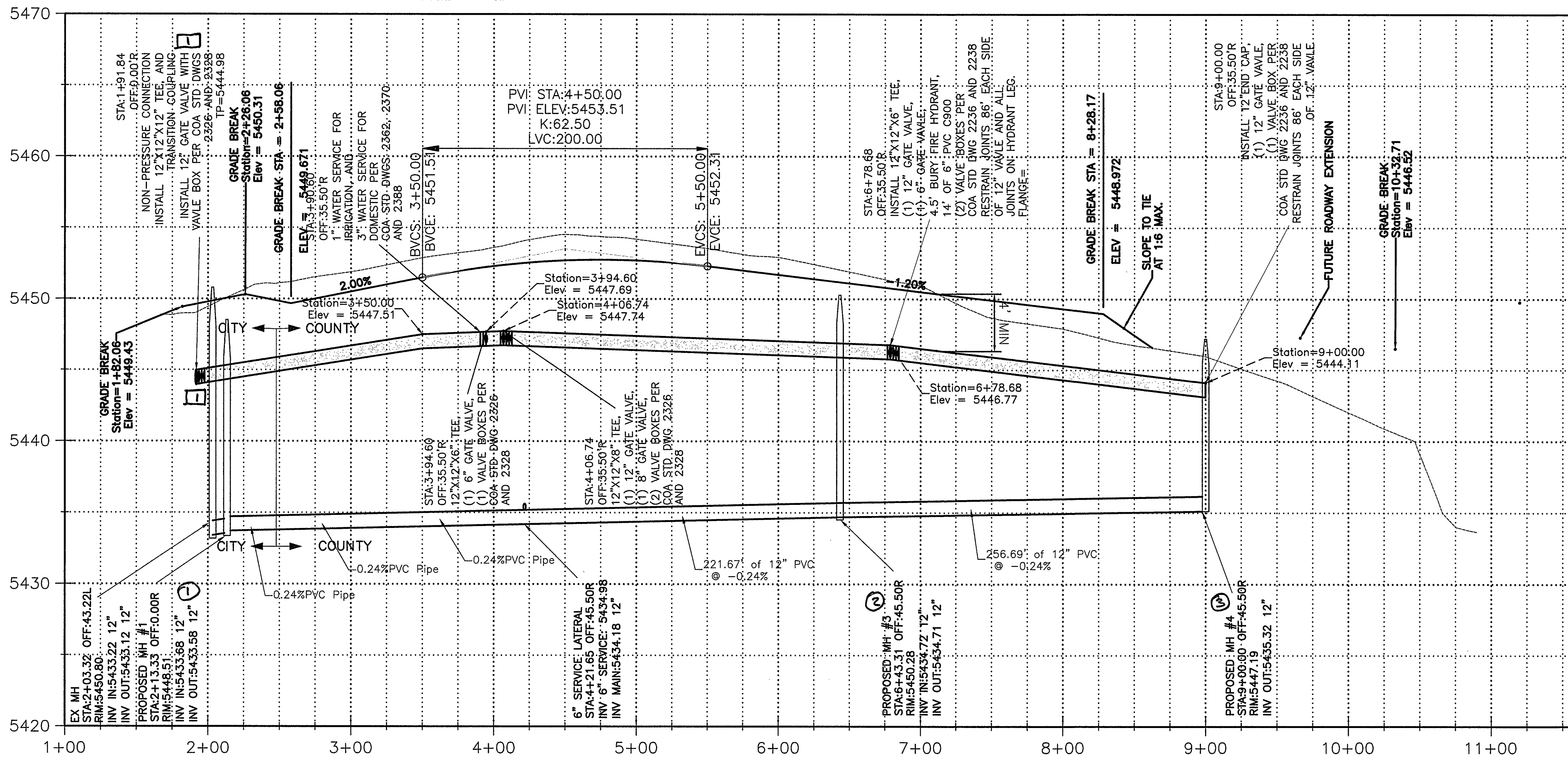
RECORD DRAWING



C1

RAINBOW BOULEVARD NW, UTILITY PLAN

SCALE: 1" = 50'-0"



A1

RAINBOW BOULEVARD NW, PROFILE

SCALE: 1" = 50'-0" HORIZ, 1" = 5'-0" VERT.

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XX

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1	1495612.55	1530152.34	5448.87
2	1495616.86	1530347.12	5451.36
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13	1496180.91	1530358.14	5440.71
14	1496208.83	1530351.19	5439.64
15	1496212.96	1530355.50	5439.52
16	1496211.47	1530147.92	5436.04

XX

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1	1495623.28	1530167.46	5448.35
2	1495625.98	1530596.22	5450.20
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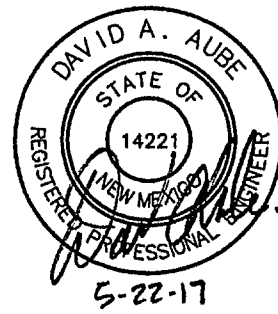


CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP	
TITLE: ALBUQUERQUE PUBLIC SCHOOLS FAMILY SCHOOL NORTH WEST CAMPUS RAINBOW BOULEVARD NW, UTILITY PLAN AND PROFILE	
Design Review Committee APPROVED JUN 14 2017 DESIGN REVIEW COMMITTEE	City Engineer Approval APPROVED AUG 01 2017 CITY ENGINEER
City Project No. 793782	Zone Map A-9-Z
Sheet 9	Of 14

AS-BUILT INFORMATION	
CONTRACTOR	Franklin's Engineering
WORKED BY	W. J. J. Co.
INSPECTOR'S	DATE 12-12-17
ACCEPTANCE BY	DATE 12-12-17
VERIFICATION BY	DATE 12-12-17
DRAWINGS	DATE 12-12-17
CORRECTED BY	DATE 12-12-17
MICRO-FILM INFORMATION	
RECORDED BY	DATE
RECORDED BY	DATE
RECORDED BY	DATE

SURVEY INFORMATION	
FIELD NOTES	DATE
NO.	DATE
BENCH MARK	
CONTROL STATION	NGS, LSS 103"
3 3/4 INCH DIAMETER ALUMINUM DISK	
NEW MEXICO STATE PLANE COORDINATES	
(CENTRAL ZONE-N.A.D. 1983)	
X=1,530,978.77	
Y=1,505,524.23	
CGG# = 1,000,335,0235	
ELEV = 5294.87 (NAD 88)	

REVISIONS	
NO.	DATE
DESIGN	
DESIGNED BY: DAVID A. AUBE, P.E.	DATE 22 MAY 2017
DRAWN BY:	DATE 22 MAY 2017
CHECKED BY: DAVID A. AUBE, P.E.	DATE 22 MAY 2017



UTILITY PLAN GENERAL NOTES

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AS-BUILT INFORMATION			BENCH MARK			SURVEY INFORMATION		
CONTRACTOR	WORK	DATE	CONTROL STATION	INSTRUMENT	DATE	FIELD NOTES	DATE	BY
INSPECTOR'S	WORK	DATE	3 3/4 INCH	DIAMETER ALUMINUM DISK	DATE			
RECEIVED BY:			NEW MEXICO	STATE PLANE COORDINATES				
VERIFICATION BY:			(CENTRAL ZONE-NAD, 1983)					
DATE			X=1,530,978.77					
DATE			Y=1,505,524.23					
DATE			CGCG=1,000,350,235					
DATE			ELEV=5294.87 (NAD 88)					

C1

RAINBOW BOULEVARD NW, UTILITY PLAN

SCALE: 1" = 50'-0"

SANITARY SEWER ROUTING REVISED TO MINIMIZE TRENCHING ADJACENT TO 12" WATERLINE ALONG IRVING. SEE CITY OF ALBUQUERQUE PUBLIC WORK ORDER PLANS # 793782

SANITARY SEWER ROUTING REVISED TO MINIMIZE TRENCHING ADJACENT TO 12" WATERLINE ALONG IRVING. SEE CITY OF ALBUQUERQUE PUBLIC WORK ORDER PLANS # 793782

WATER SHUT OFF PLAN
FOR PRESSURE CONNECTIONS ON IRVING BOULEVARD NW BETWEEN RAINBOW BOULEVARD NW AND XXXX NW. VALVES REQUIRED TO BE CLOSED FOR CONNECTION OF NEW WATERLINE FROM WEST TO EAST ON MAP XXX, AND XXX

A1

RAINBOW BOULEVARD NW, PROFILE

SCALE: 1" = 50'-0" HORIZ, 1" = 5'-0" VERT.

Water Meter and Fire Line Summary for Commercial Development			
Water Meters			
#	Size	Location (Station/Offset)	Use (Domestic/Irrigation)
1	1	STA: 3+90.60, OFFSET: 35.50'R	Domestic
2	3	STA: 3+92.60, OFFSET: 35.50'R	Irrigation
Fire Lines			
#	Size	Location (Station/Offset)	
1	6	STA: 3+94.60, OFFSET: 35.50'R	

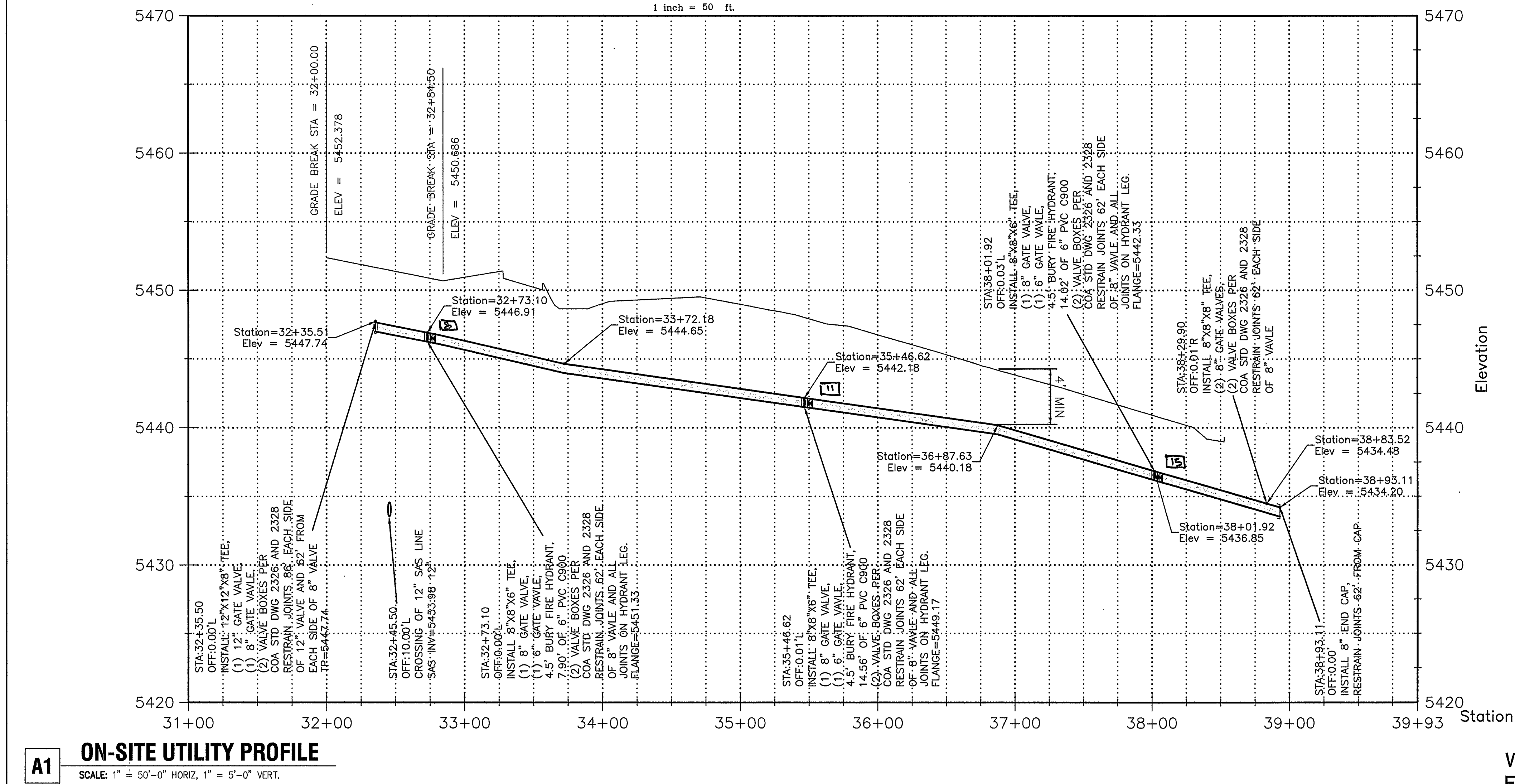
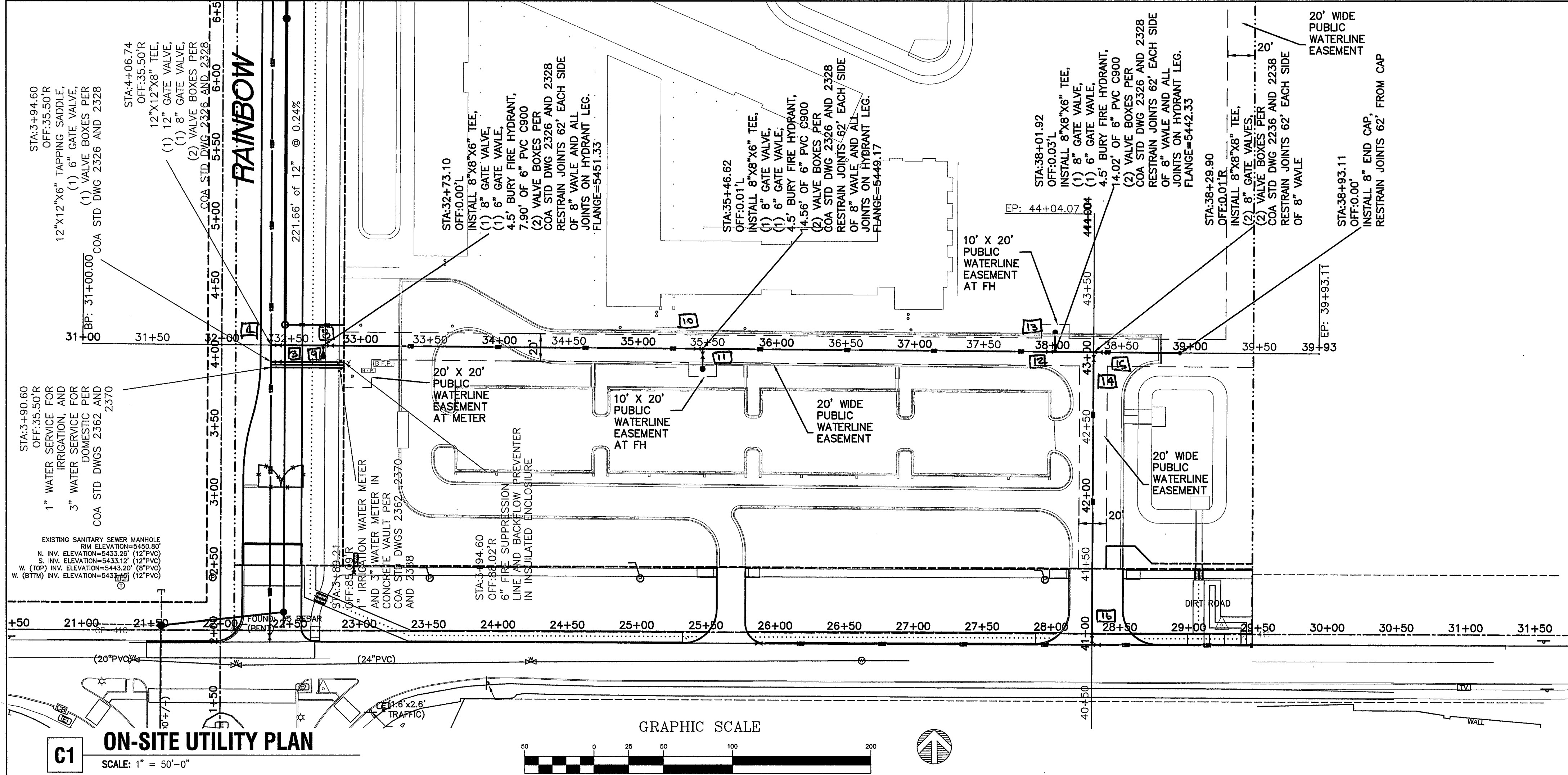
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MH No.	EASTING (X)	NORTHING (Y)	RIM ELEV (Z)
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2	1495625.98	1530596.22	5450.20
3	1495628.23	1530853.47	5447.01

dg DESIGN GROUP
120 VASSAR DRIVE SE SUITE 100
ALBUQUERQUE, NEW MEXICO 87106
PHONE : 505.242.6880 FAX : 505.242.6881

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP	
TITLE: ALBUQUERQUE PUBLIC SCHOOLS FAMILY SCHOOL NORTH WEST CAMPUS RAINBOW BOULEVARD NW, UTILITY PLAN AND PROFILE	
Design Review Committee	City Engineer Approval
City Project No. 793782	Zone Map A-9-Z
Sheet 10	Of 14

WORK WITHIN COUNTY SHOWN FOR REFERENCE ONLY



UTILITY PLAN GENERAL NOTES

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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: ALBUQUERQUE PUBLIC SCHOOLS
FAMILY SCHOOL NORTH WEST CAMPUS
ON-SITE UTILITY PLAN AND PROFILE

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
City Project No. 793782	Zone Map A-9-Z	Sheet 11	Of 14

SURVEY INFORMATION		BENCH MARK		AS-BUILT INFORMATION	
FIELD NOTES		CONTROL STATION "NGS, LSS 103"		CONTRACTOR	
BY		DATE		WORKED BY	
NO.		DATE		INSPECTOR'S	
				ACCEPTANCE BY:	
				DATE	
				DRAWINGS	
				CORRECTED BY:	
				DATE	
				MICRO-FILM INFORMATION	
				RECORDED BY:	
				DATE	
				RECORDED BY:	
				DATE	

Record Drawings

I, David A Aube, NMPE 14221, of the firm The Hartman + Majewski Design Group, Inc, hereby certify that this project is in substantial compliance with and in accordance with the design intent of the Public Work Order plans dated 5-22-17. The record information that has been edited onto the original design documents when obtained by William Neish of Wilson and Company (NMPS # 21081).

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UTILITY PLAN GENERAL NOTES

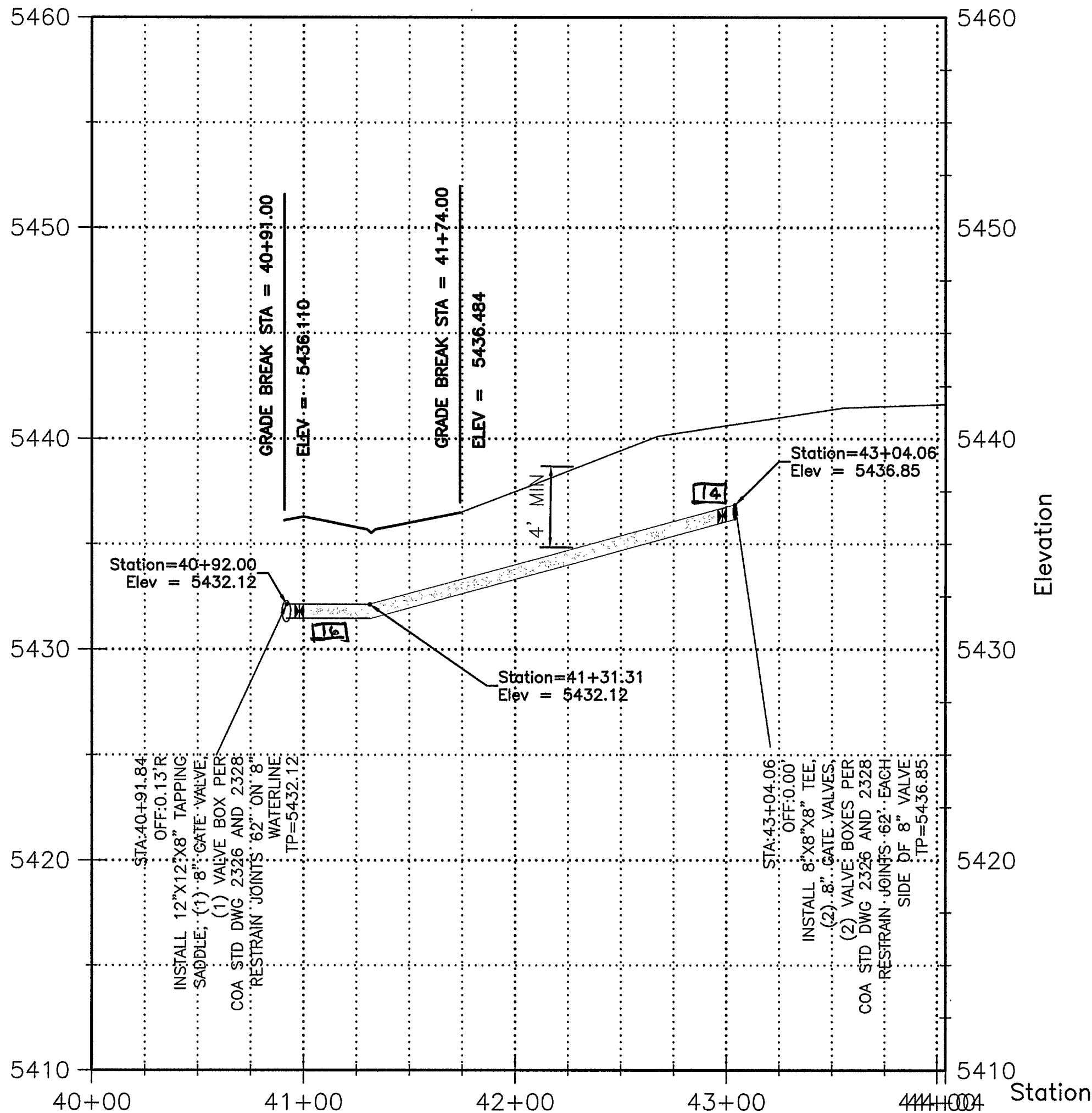
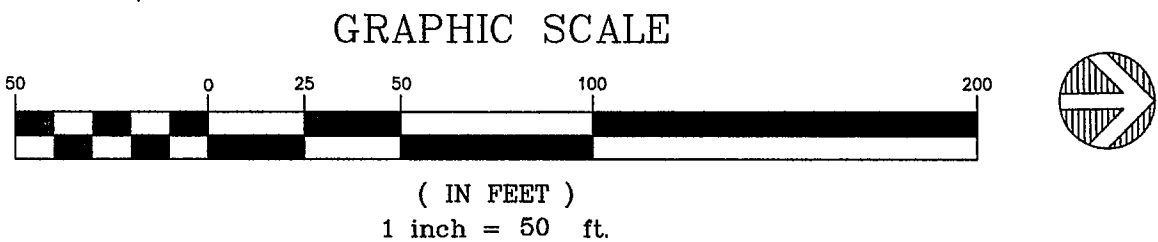
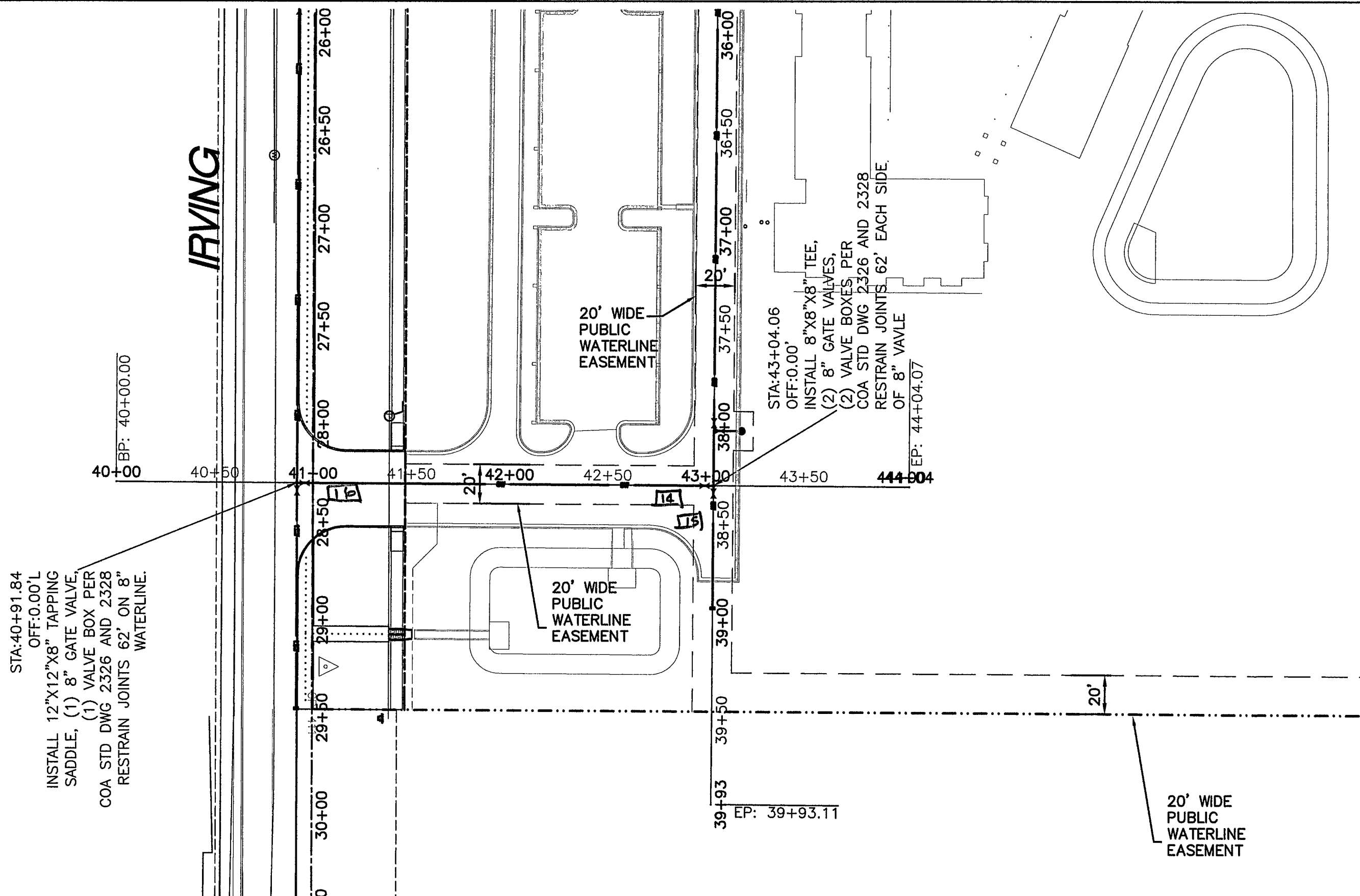
- SEE SHEET 1 FOR COMPLETE LIST OF GENERAL NOTES AND SYMBOL/LINETYPE LEGEND THAT APPLY TO ALL SHEETS.
- WATER LINE CONNECTIONS SHALL COMPLY WITH COA DWG 2301.
- WATER PIPE TRENCH TERMINOLOGY PER COA DWG 2315.
- WATER LINE VALVES SPECIFICALLY CONTROLLING FIRE SUPPRESSION SYSTEMS AND FIRE HYDRANTS SHALL HAVE VALVE COVERS PER COA DWG 2329. REMAINING WATER VALVES SHALL HAVE VALVE COVERS PER COA DWG 2328.
- WATER LINE VALVE BOXES PER COA DWG 2326.
- RESTRAIN JOINTS ON 8"Ø AND 12" WATER LINES WITH CAPPED ENDS BACK TO MAIN LINES.
- CONTRACTOR TO PROVIDE AS-BUILT NORTHING AND EASTING OF WATER VALVES INSTALLED DURING THIS PROJECT IN THE TABLE PROVIDED ON THIS SHEET.
- 6" FIRE LINE CONNECTIONS FOR BUILDINGS TO HAVE A PRIVATE VALVE WITH POST INDICATOR POST LOCATED JUST INSIDE THE PROPERTY. THIS WORK IS SHOWN ON THE BUILDING PERMIT PLANS. FIRE LINES TO INCLUDE A BACKFLOW PREVENTION DEVICE LOCATED WITHIN HOT BOX TO BE LOCATED WITHIN PROPERTY SERVED PER COA STD DWG 2385. THIS WORK IS SHOWN ON THE BUILDING PERMIT PLANS.
- DOMESTIC WATER LINES TO INCLUDE A BACKFLOW PREVENTION DEVICE LOCATED WITHIN HOT BOX TO BE LOCATED WITHIN PROPERTY SERVED PER COA STD DWG 2385. THIS WORK IS SHOWN ON THE BUILDING PERMIT PLANS.
- INVERT ELEVATIONS FOR SAS LATERALS IS FOR CONNECTION TO MAIN LINE. SLOPE LINE UP AT 2% TO ROW LIMITS. CAP AT ROW FOR FUTURE CONNECTION TO BUILDING SITES.
- WATERLINE TO BE DR-18 C900 PVC.
- SANITARY SEWER LINES TO BE SDR-35 PVC.

SURVEY INFORMATION		BENCH MARK		AS-BUILT INFORMATION	
NO.	FIELD NOTES	DATE	BY	CONTRACTOR	DATE
				INSPECTED BY:	DATE
				ACCEPTANCE BY:	DATE
				VERIFICATION BY:	DATE
				DRAWINGS CORRECTED BY:	DATE
				MICRO-FILM INFORMATION	
				RECORDED BY:	DATE
				RECORDED BY:	DATE

C1

ON-SITE UTILITY PLAN

SCALE: 1" = 50'-0"



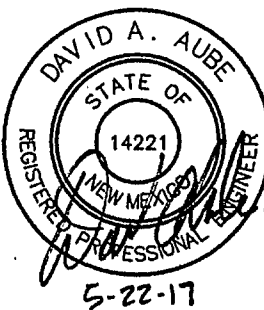
WATER SHUT OFF PLAN
FOR PRESSURE CONNECTIONS ON IRVING BOULEVARD NW BETWEEN RAINBOW BOULEVARD NW AND XXXX NW. VALVES REQUIRED TO BE CLOSED FOR CONNECTION OF NEW WATERLINE FROM WEST TO EAST ON MAP XXX, AND XXX

ON-SITE UTILITY PROFILE

SCALE: 1" = 50'-0" HORIZ, 1" = 5'-0" VERT.

WATER VALVE AS-BUILT GPS TABLE			
VALVE No.	EASTING (X)	NORTHING (Y)	RIM ELEV (Z)
1	1495612.55	1530152.34	5448.87
2	1495616.86	1530347.12	5451.36
3	1495621.07	1530359.69	5451.46
4	1495614.90	1530365.06	5451.66
5	1495622.06	1530632.44	5449.73
6	1495615.82	1530637.52	5449.77
7	1495617.45	1530848.64	5447.05
8	1495657.28	1530359.61	5451.66
9	1495652.38	1530357.41	5451.71
10	1495922.07	1530357.88	5448.05
11	1495925.68	1530355.88	5447.90
12	1496177.50	1530356.07	5440.77
13	1496180.91	1530358.14	5440.71
14	1496208.83	1530351.19	5439.64
15	1496212.96	1530355.50	5439.52
16	1496211.47	1530147.92	5436.04

SAS MANHOLE AS-BUILT GPS TABLE			
MH No.	EASTING (X)	NORTHING (Y)	RIM ELEV (Z)
1	1495623.28	1530167.46	5448.35
2	1495625.98	1530596.22	5450.20
3	1495628.23	1530853.47	5447.01



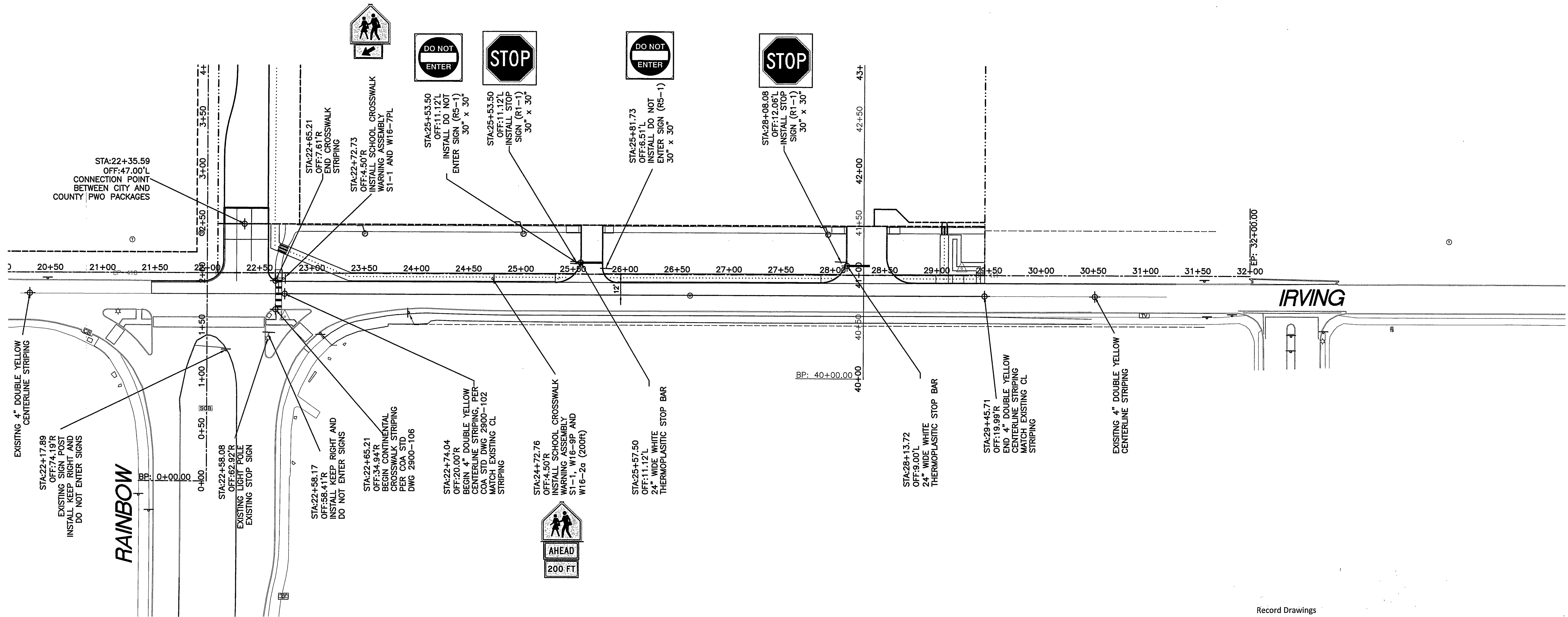
THE HARTMAN + MAJEWSKI
DESIGN GROUP
120 VASSAR DRIVE SUITE 100
ALBUQUERQUE, NEW MEXICO 87108
PHONE: 505.242.6880 FAX: 505.242.6881

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

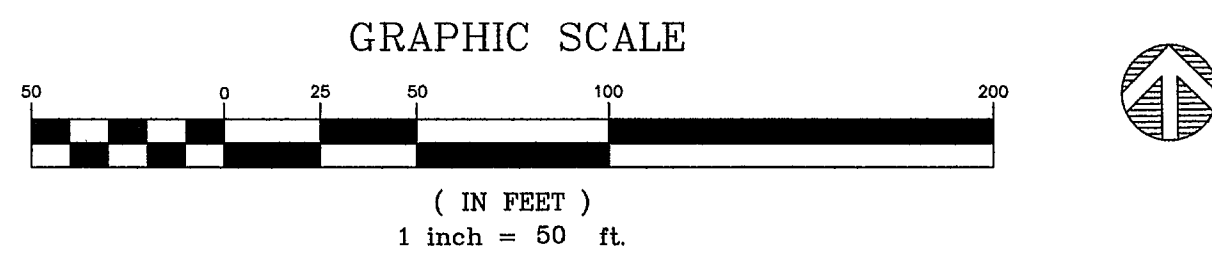
TITLE: ALBUQUERQUE PUBLIC SCHOOLS
FAMILY SCHOOL NORTH WEST CAMPUS
ON-SITE UTILITY PLAN AND PROFILE

Design Review Committee		City Engineer Approval		Mo./Day/Yr.	
City Project No.	793782	Zone Map	A-9-Z	Sheet	Of

WORK WITHIN COUNTY SHOWN
FOR REFERENCE ONLY



C1 IRVING BOULEVARD NW, STRIPING PLAN
SCALE: 1" = 50'-0"



Record Drawings

I, David A. Aube, NMPE 14221, of the firm The Hartman + Majewski Design Group, Inc, hereby certify that this project is in substantial compliance with and in accordance with the design intent of the Public Work Order plans dated 5-22-17. The record information that has been edited onto the original design documents when obtained by William Neish of Wilson and Company (NMP5 # 21081).

The record information presented hereon is not necessarily complete and intended only to verify substantial compliance of this project. Those relying on the record documents are advised to obtain independent verification of its accuracy before using it for any other purpose.

THE HARTMAN + MAJEWSKI

DESIGN GROUP

120 VASSAR DRIVE SE SUITE 100
ALBUQUERQUE, NEW MEXICO 87106
PHONE : 505.242.6880 FAX : 505.242.6881

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP	
TITLE: ALBUQUERQUE PUBLIC SCHOOLS FAMILY SCHOOL NORTH WEST CAMPUS IRVING BOULEVARD NW, STRIPING PLAN	
Design Review Committee DESIGN REVIEW COMMITTEE	City Engineer Approval CITY ENGINEER
City Project No. 793782	Zone Map A-9-Z
Sheet 13	Of 14

SURVEY INFORMATION		BENCH MARK		AS-BUILT INFORMATION	
FIELD NOTES		CONTROL STATION		CONTRACTOR	
NO.	BY	DATE	DATE	NO.	DATE
				1	5-22-17
				2	5-22-17
				3	5-22-17
				4	5-22-17
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				6	5-22-17
				7	5-22-17
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				99	5-22-17
				100	5-22-17

Proposed summary

Basin Name	Area (sf)	Pro 1	Pro 9	Pro 3	Pro 4	Pro 2	Pro 6	Pro 7	Pro 8	Pro 5A	Pro 2C	Pro 1C
Area (acres)	46608	126658	19086	62617	58915	30053	133420	35927	17370	83558	39187	0.900
%A Land treatment	1.070	2.908	0.438	1.437	1.353	0.690	3.063	0.825	0.399	1.918	1.000	100
%B Land treatment												
%C Land treatment												
%D Land treatment												
Soil Treatment (acres)												
Area "A"	0.00	2.91	0.00	0.00	0.14	0.00	0.00	0.00	0.00	1.92	0.90	0.00
Area "B"	0.48	0.00	0.11	0.29	0.27	0.14	0.00	0.12	0.00	0.00	0.00	0.00
Area "C"	0.21	0.00	0.04	0.57	0.81	0.31	0.92	0.08	0.26	0.00	0.00	0.00
Area "D"	0.37	0.00	0.28	0.57	0.14	0.24	2.14	0.62	0.14	0.00	0.00	0.00
Excess Runoff (acre-feet)												
100yr. 6hr.	0.1060	0.1066	0.0365	0.1579	0.1092	0.0730	0.4278	0.1153	0.0443	0.0793	0.0330	0.0330
10yr. 6hr.	0.0564	0.0194	0.0330	0.0888	0.0468	0.0389	0.2562	0.0892	0.0198	0.0198	0.0060	0.0060
2yr. 6hr.	0.0250	0.0000	0.0176	0.0405	0.0165	0.0177	0.1378	0.0380	0.0110	0.0000	0.0000	0.0000
100yr. 24hr.	0.1204	0.1088	0.0874	0.1799	0.1144	0.0822	0.5100	0.1390	0.0496	0.0703	0.0330	0.0330
Peak Discharge (cfs)												
100 yr.	3.23	3.75	1.59	4.75	3.84	2.23	12.01	3.19	1.35	2.47	1.16	1.16
10yr.	1.77	0.70	0.37	2.74	1.84	1.27	7.57	2.00	0.79	0.46	0.22	0.22
2yr.	0.75	0.00	0.51	1.25	0.82	0.56	4.06	1.09	0.36	0.00	0.00	0.00
Imperious Areas	16313	0	12406	25047	5892	10519	93394	26945	6080	0	0	0
Water Quality Ponding Volume (cf)	571	0	434	877	206	308	3269	943	213	0	0	0
Water Quality Acre Feet	0.0131	0.0000	0.0100	0.0201	0.0047	0.0085	0.0750	0.0217	0.0049	0.0000	0.0000	0.0000

ANALYSIS POINT

Q₁₀₀ = 5.20 CU-FT/SEC
INCREASE OF 2.03 CFS
DUE TO PUBLIC
ROADWAY

ANALYSIS POINT

Q₁₀₀ = 3.85CU-FT/SEC
REDUCTION OF 1.10 CFS

N=1531126.89
E=1496360.05
ELEV=5443.116



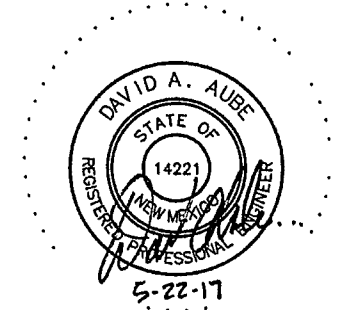
THE HARTMAN + MAJEWSKI
DESIGN GROUP
ARCHITECTS • ENGINEERS • INTERIOR DESIGN
PLANNERS
120 VASSAR DRIVE SE SUITE 100
ALBUQUERQUE, NEW MEXICO 87108
PHONE: 505.242.6880 FAX: 505.242.6881

CONSULTANT

ANALYSIS POINT

Q₁₀₀ = 2.47 CU-FT/SEC
MATCHES EXISTING
CONDITIONS

STAMP



PROJECT NAME

FAMILY SCHOOL NORTHWEST
7125 IRVING BOULEVARD NW
ALBUQUERQUE, NEW MEXICO 87114

ANALYSIS POINT

Q₁₀₀ = 1.16 CU-FT/SEC
REDUCTION OF 0.51 CFS

ANALYSIS POINT

Q₁₀₀ = 3.64 CU-FT/SEC

ANALYSIS POINT

Q₁₀₀ = 14.97 CU-FT/SEC

ANALYSIS POINT

Q₁₀₀ = 4.08 CU-FT/SEC

ANALYSIS POINT

Q₁₀₀ = 10.85 CU-FT/SEC

ANALYSIS POINT

Q₁₀₀ = 4.70 CU-FT/SEC
THIS INCLUDES THE
0.62 CFS FROM PUBLIC
ROADWAY THAT WAS
INCLUDED IN IRVING
EAST BASIN

ANALYSIS POINT

Q₁₀₀ = 1.14 CU-FT/SEC

PROPOSED ONSITE
DRAINAGE BASIN #8

AREA = 35,927sf
Q₁₀₀ = 3.19cfs

ANALYSIS POINT

Q₁₀₀ = 5.01 CU-FT/SEC

ANALYSIS POINT

Q₁₀₀ = 3.60 CU-FT/SEC

POND #2

DEPTH = 18" MAX
Q_{in} = 4.75 CU-FT/SEC
Q_{out} = 0.5 CU-FT/SEC
V required = 5,908 CF
V wtr qual = 877 CF
V available = 12,823 CF

PROPOSED ONSITE
DRAINAGE BASIN #2C

AREA = 83,558sf
Q₁₀₀ = 2.47cfs

PROPOSED ONSITE
DRAINAGE BASIN #1C

AREA = 39187sf
Q₁₀₀ = 1.16cfs

ANALYSIS POINT OUT

Q₁₀₀ = 0.50 CU-FT/SEC

PROPOSED ONSITE
DRAINAGE BASIN #5

AREA = 58,915sf
Q₁₀₀ = 3.64cfs

ANALYSIS POINT IN

Q₁₀₀ = 4.75 CU-FT/SEC

PROPOSED ONSITE
DRAINAGE BASIN #4

AREA = 62,604sf
Q₁₀₀ = 4.75cfs

PROPOSED ONSITE
DRAINAGE BASIN #6

AREA = 33,053sf
Q₁₀₀ = 2.23cfs

ANALYSIS POINT

Q₁₀₀ = 2.23 CU-FT/SEC

PROPOSED ONSITE
DRAINAGE BASIN #7

AREA = 133,420sf
Q₁₀₀ = 12.24cfs

PROPOSED ONSITE
DRAINAGE BASIN #3

AREA = 19,085sf
Q₁₀₀ = 1.59cfs

ANALYSIS POINT

Q₁₀₀ = 2.01 CU-FT/SEC

EXISTING OFFSITE
DRAINAGE BASIN #2

AREA = 67,931sf
Q₁₀₀ EX=2.01cfs

EXISTING OFFSITE
DRAINAGE BASIN #1

AREA = 66,625sf
Q₁₀₀ EX=1.97cfs

PROPOSED ONSITE
DRAINAGE BASIN #5A

AREA = 17,370sf
Q₁₀₀ = 1.35cfs

POND #1

DEPTH = 8" MAX
Q_{in} = 1.35 CU-FT/SEC
Q_{out} = 0.10 CU-FT/SEC
V required = 2,675 CF
V wtr qual = 213 CF
V available = 3,578 CF

ANALYSIS POINT

Q₁₀₀ = 1.97 CU-FT/SEC

PROPOSED ONSITE
DRAINAGE BASIN #1

AREA = 46,608sf
Q₁₀₀ = 3.23 cfs

PROPOSED ONSITE
DRAINAGE BASIN #9

AREA = 126,658sf
Q₁₀₀ = 3.75cfs

1

2

3

4

5

6

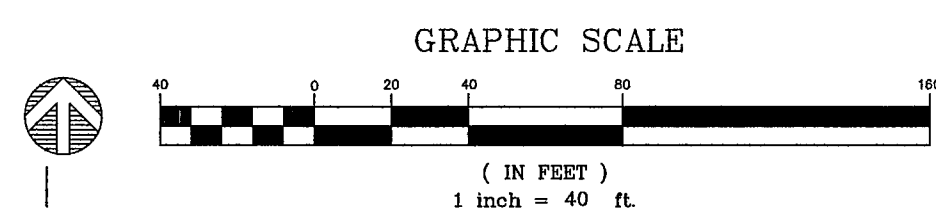
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ELEV=5441.218

CP-410
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E=1495934.42
ELEV=5401.610

N=1530307.05
E=1495930.05
ELEV=5430.000

NOT TO SCALE ON 24X36 SHEET

A1 SITE DRAINAGE PLAN
SCALE: 1" = 40'-0"



FOR REFERENCE ONLY

SHEET 14

NO.	DATE	DESCRIPTION
1	04/15/16	ADDENDUM 004
2	07/07/16	DRAINAGE MODIFICATIONS
3	05/22/17	Road Geometry change

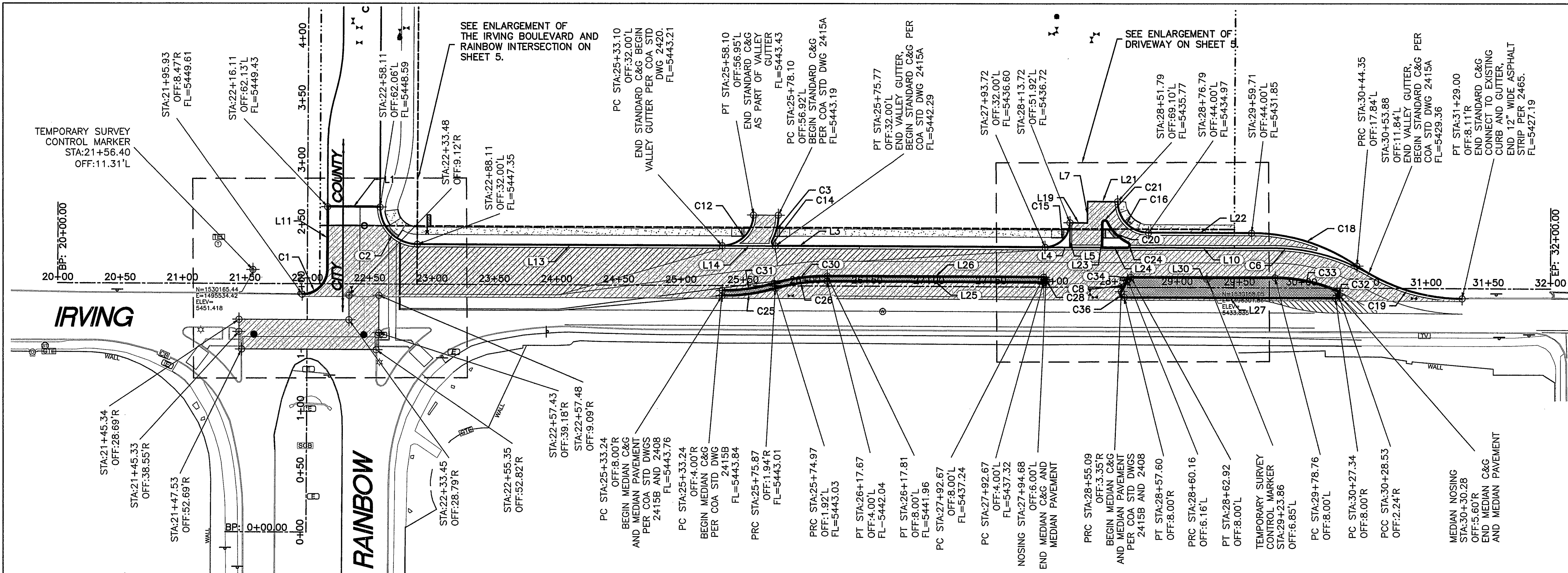
COPYRIGHT - DESIGN GROUP

DESIGNER:	DAA
CHECKED:	DAA
DATE:	03.15.2016
SCALE:	1" = 40'-0"
JOB NO.:	3042
CAD FILE:	3042_C001

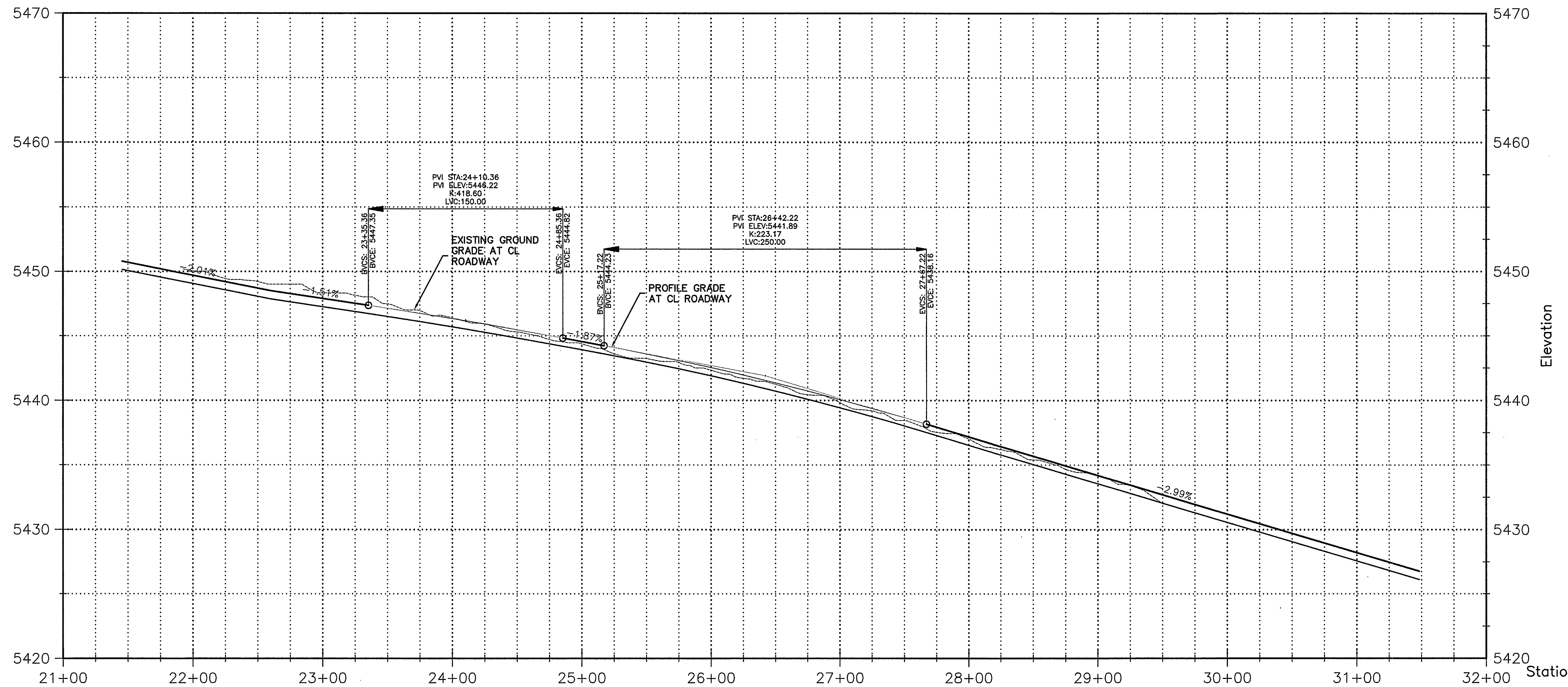
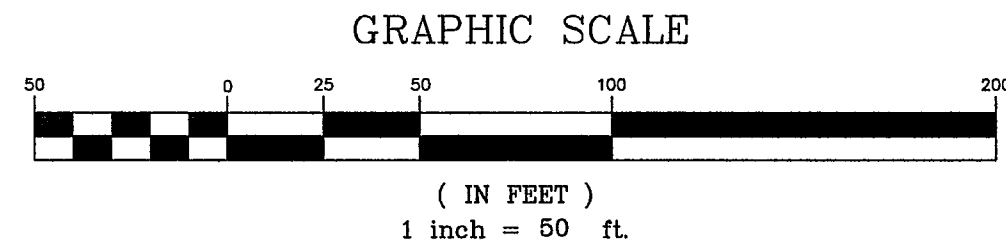
SHEET TITLE:
SITE
DRAINAGE
PLAN

SHEET NUMBER:

CD3



D1 IRVING BOULEVARD NW PAVING PLAN
SCALE: 1" = 50'-0"



A1 IRVING BLVD PROFILE VIEW
SCALE: 1" = 50'-0"

Line Table		
Line #	Length	Direction
L1	43.25	N89° 40' 38"W
L3	217.95	S89° 46' 54"E
L4	45.92	S89° 46' 54"E
L5	19.92	S0° 13' 06"W
L7	17.33	S0° 26' 51"W
L10	119.18	S89° 46' 54"E
L11	50.49	N0° 19' 22"E
L13	244.99	S89° 46' 54"E
L14	42.66	S89° 46' 54"E
L19	14.00	S89° 33' 09"E
L21	24.00	N89° 33' 09"W
L22	82.92	S89° 46' 54"E
L23	19.94	S0° 26' 51"W
L24	19.94	S89° 46' 54"E
L25	175.00	S89° 46' 54"E
L26	174.86	N89° 46' 54"W
L27	169.74	S89° 46' 54"E
L30	115.84	N89° 46' 54"W

THIS PLAN IS USED FOR
DETERMINATION OF FINANCIAL
GUARANTEE AMOUNT FOR FINAL
BUILD OUT. NOT FOR
CONSTRUCTION

Curve Table					
Curve #	Length	Radius	Delta	Chord Len.	Chord Brg.
C1	31.47	20.00	90°08'38"	28.32	N45°23'41"E
C2	47.18	30.00	90°06'20"	42.47	S44°43'45"E
C3	21.34	45.00	27°10'30"	21.14	S13°54'37"W
C6	78.67	150.00	30°03'03"	77.77	N74°45'23"W
C8	10.79	59.00	10°28'57"	10.78	S28°14'00"W
C12	39.22	25.00	89°53'43"	35.32	N45°16'14"E
C14	6.14	3.00	117°16'47"	5.12	S31°08'31"E
C15	31.34	20.00	89°46'15"	28.23	N45°19'58"E
C16	39.37	25.00	90°13'45"	35.43	S44°40'02"E
C18	89.93	150.00	34°21'09"	88.59	S72°36'20"E
C19	89.93	150.00	34°21'09"	88.59	S72°36'20"E
C20	24.46	37.00	37°52'31"	24.02	N44°40'02"W
C21	5.37	2.00	153°49'23"	3.90	S77°21'32"W
C24	5.37	2.00	153°49'23"	3.90	N13°18'24"E
C25	43.20	153.00	16°10'44"	43.06	N82°07'43"E
C26	42.36	150.00	16°10'44"	42.22	N82°07'43"E
C28	6.28	2.00	180°00'00"	4.00	N0°13'06"E
C30	43.41	154.00	16°09'08"	43.27	S82°08'32"W
C31	42.29	150.00	16°09'08"	42.15	S82°08'32"W
C32	8.21	3.00	156°44'12"	5.88	N11°51'00"E
C33	51.16	126.00	23°15'48"	50.81	N78°09'00"W
C34	3.52	3.00	67°13'34"	3.32	S56°36'19"W
C36	6.45	3.00	123°15'23"	5.28	S28°09'13"E

THE HARTMAN + MAJEWSKI
dg DESIGN GROUP
120 VASSAR DRIVE SE SUITE 100
ALBUQUERQUE, NEW MEXICO 87106
PHONE: 505.242.6880 FAX: 505.242.6881

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP	
TITLE: ALBUQUERQUE PUBLIC SCHOOLS FAMILY SCHOOL NORTH WEST CAMPUS IRVING BOULEVARD NW PAVING PLAN	
Design Review Committee	City Engineer Approval
Mo./Day/Yr.	Mo./Day/Yr.
City Project No. 793782	Zone Map A-9-Z
Sheet 14A	Of 14

FOR REFERENCE ONLY

SHEET 14A