

DS #: 4560

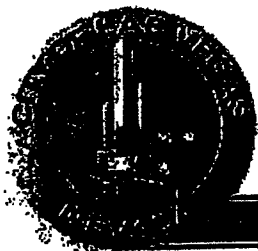
APN: 125-15-501-002

PROJECT: New Vista

SUBMITTAL: CCRFCD

SCANNED BY/DATE:

CHECKED BY/DATE:





CITY OF LAS VEGAS			DATE:
INTER-OFFICE MEMORANDUM			October 10, 2012
TO: Land Development Services Department of Public Works			FROM: Albert Sung, P.E. Flood Control Project Engineer Department of Public Works
SUBJECT:		Drainage Study for: New Vista	COPIES TO: VTN Nevada
Cross Streets:	SWC Grand Teton Blvd. & N. Rainbow Blvd.		New Vista Ranch, Inc.
File Number:	F:\Depot\DSMemos\DS4560C.doc		Bart Anderson, P.E., DevCo
Parcel Number:	125-15-501-002		CCRFC
Zoning Action:	SDR-40980; ROC-40981 & MOD-41437		CCPW
FEMA Flood Zone	YES	NO X	
Proposed Storm Drain	YES	NO X	

HISTORY	DATE RECEIVED	DATE REVIEWED	COMMENTS	REVIEW FEES	FEES PAID Payment Trn #
1 st Submittal	7/12/2012	7/25/2012	Not Approved	\$400.00	289283: \$400
2 nd Submittal	8/22/2012	9/6/2012	Conditional Approval	\$400.00	293621: \$400
CCRFC	9/26/2012	10/10/2012	Concurrence Recv'd	N/C	N/C
			TOTAL FEES (LDDRS):	\$800.00	----

REMARKS:

The Drainage Study for the subject project has been reviewed and:

	is approved subject to conformance to all City standards and the following conditions:
	must be resubmitted or supplemented including the following:
	is conditionally approved subject to Clark County Regional Flood Control District concurrence.
X	is conditionally approved subject to Clark County Public Works Department concurrence.

1. The site is adjacent to the jurisdiction of the *County of Clark*. The engineer must coordinate with *Clark County Department of Public Works (CCPW)* and incorporate any concerns for boundary conditions along the east, west and south borders. CCPW concurrence is required prior to final acceptance of the study.
2. A drop inlet will be required at an existing storm drain lateral in *Rainbow Boulevard* upon future half-street improvements.

In an effort to increase administrative efficiency, the City of Las Vegas Public Works Department requires all soil reports, drainage studies and traffic impact analysis submittals to be accompanied by an electronic copy of the submittal. Electronic documents must be submitted with one original hard copy of the study. Electronic documents should be on a universal computer-readable digital output replicating your submittal to be used for archival or display purposes. This may be more than one file if necessary. An Indexed Portable Document Format (PDF) or Print Ready CAD file formats with a minimum of 300dpi are the desired formats, but provided it is a high quality digitized replication of the submittal, other formats may be acceptable. If figures are in color, they must be scanned in color and saved as a separate file. The new submittal requirement is effective on **July 1, 2011**. If there are any questions regarding these new requirements, please contact Albert Sung in the Flood Section at (702) 229-2001 or Rick Schroder in Traffic Engineering at (702) 229-6327.

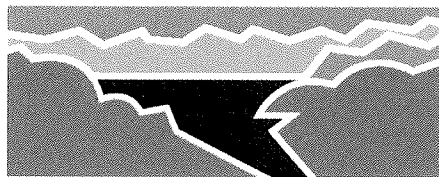
NOTE: Please be advised that all land surface area disturbances over 1 acre or any area adjacent to a water way must submit to the *Nevada Division of Environmental Protection* a "Notice of Intent" to discharge that certifies a stormwater pollution prevention plan has been developed and is maintained on site; for inclusion in the Stormwater General Permit No. NVR100000. A phased construction unit in a contiguous subdivision is considered under construction until all stripped or disturbed surface areas have been covered by paving, building construction or planting. For more information, including forms and applications see <http://ndep.nv.gov/bwpc/storm01.htm> or call (775) 687-9429.

END OF REMARKS

ays

T/R/S: T19S/R60E/15
AREA G-15

REGIONAL FLOOD CONTROL DISTRICT



Rec'd: 9/26/12
DS 4560
G-15
N/C

Gale Wm. Fraser, II, P.E.
General Manager/Chief
Engineer

BOARD OF DIRECTORS

Lawrence L. Brown, III
Chairman
Clark County

Robert L. Ellason
Vice-Chairman
City of North Las Vegas

Chris Giunchigliani
Clark County

Kraig Hafen
City of Mesquite

Debra March
City of Henderson

Steven D. Ross
City of Las Vegas

Dr. Lois Tarkanian
City of Las Vegas

Mayor Roger Tobler
City of Boulder City

September 28, 2012

Oh Sang Kwon, P.E.
City of Las Vegas
333 North Rancho Drive
Las Vegas, NV 89106

DISTRICT CONCURRENCE: NEW VISTA
(DS #4560B) (RFCD No. 12-8086)

Dear Mr. Kwon:

Clark County Regional Flood Control District (District) reviewed Technical Drainage Study dated July 11, 2012, Addendum No. 1 dated August 22, 2012 for above-mentioned project as submitted by VTN NEVADA. In addition, District is in receipt of the Conditional Letter of Acceptance from City of Las Vegas dated September 6, 2012.

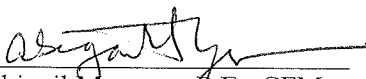
District concurs with acceptance of this Technical Drainage Study by City of Las Vegas.

District's review of this project was limited to issues of Regional Flood Control Significance as defined in *Uniform Regulations for the Control of Drainage*.

Please be aware that as additional information becomes available and/or restudies of Flood Insurance Studies are performed, information submitted by VTN NEVADA may be superseded. Compliance with regulatory elements and design standards specified in *Uniform Regulations for the Control of Drainage* does not imply a guarantee that properties will be free from flooding or flood damage. The District, its officials, or employees assume no liability for information, data, or conclusions presented by consulting engineers. We, therefore, make no warranties, either expressed or implied, in conducting this review.

GALE WM. FRASER, II, P.E.
General Manager/Chief Engineer

BY:


Abigail Mayrena, P.E., CFM
Senior Engineer

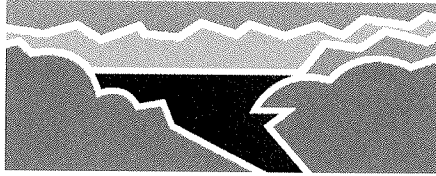

Andrew R. Trelease, P.E., CFM
Principal Civil Engineer

AM:ART:cf

c: Shaun Boulton, VTN Nevada

P:\Letters and Memos\Local Drainage\Land Development & Drainage\2012\L-12-8086.doc

REGIONAL FLOOD CONTROL DISTRICT



Gale Wm. Fraser, II, P.E.
General Manager/Chief
Engineer

BOARD OF DIRECTORS

Lawrence L. Brown, III
Chairman
Clark County

Robert L. Eliason
Vice-Chairman
City of North Las Vegas

Chris Giunchigliani
Clark County

Kraig Hafen
City of Mesquite

Debra March
City of Henderson

Steven D. Ross
City of Las Vegas

Dr. Lois Tarkanian
City of Las Vegas

Mayor Roger Tobler
City of Boulder City

September 18, 2012

Oh Sang Kwon, P.E.
City of Las Vegas
333 North Rancho Drive
Las Vegas, NV 89106

**DISTRICT CONCURRENCE: NEW VISTA
(DS #4560B) (RFCD No. 12-8086)**

Dear Mr. Kwon:

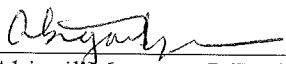
Clark County Regional Flood Control District (District) reviewed Technical Drainage Study dated July 11, 2012, Addendum No. 1 dated August 22, 2012 for above-mentioned project as submitted by VTN NEVADA. In addition, District is in receipt of the Conditional Letter of Acceptance from City of Las Vegas dated September 6, 2012.

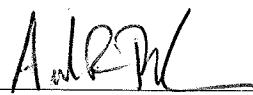
District concurs with acceptance of this Technical Drainage Study by City of Las Vegas.

District's review of this project was limited to issues of Regional Flood Control Significance as defined in *Uniform Regulations for the Control of Drainage*.

Please be aware that as additional information becomes available and/or restudies of Flood Insurance Studies are performed, information submitted by VTN NEVADA may be superseded. Compliance with regulatory elements and design standards specified in *Uniform Regulations for the Control of Drainage* does not imply a guarantee that properties will be free from flooding or flood damage. The District, its officials, or employees assume no liability for information, data, or conclusions presented by consulting engineers. We, therefore, make no warranties, either expressed or implied, in conducting this review.

GALE WM. FRASER, II, P.E.
General Manager/Chief Engineer

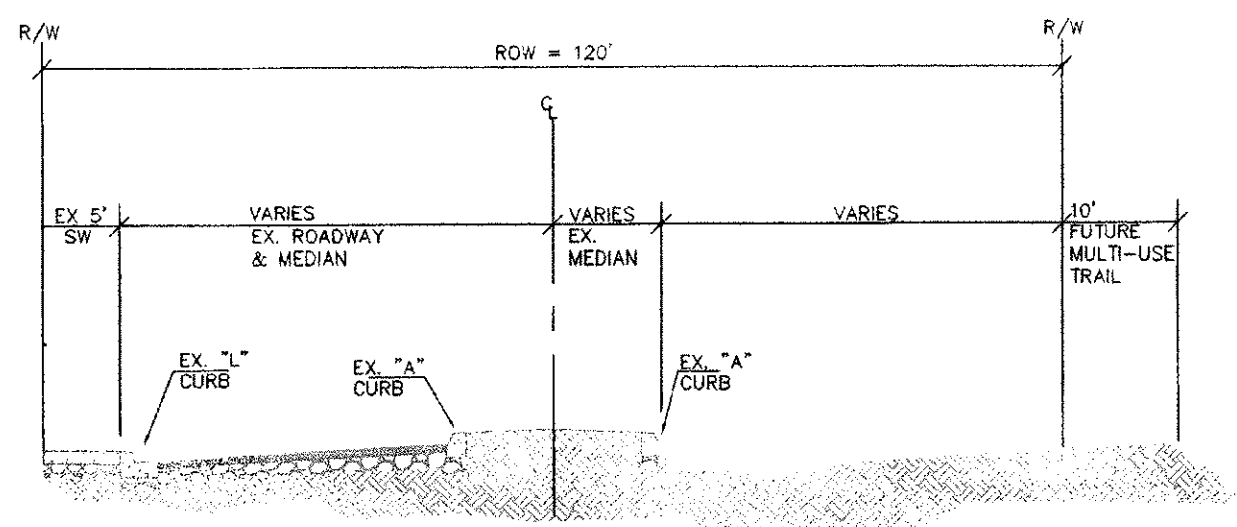
BY: 
Abigail Mayrena, P.E., CFM
Senior Engineer


Andrew R. Trelease, P.E., CFM
Principal Civil Engineer

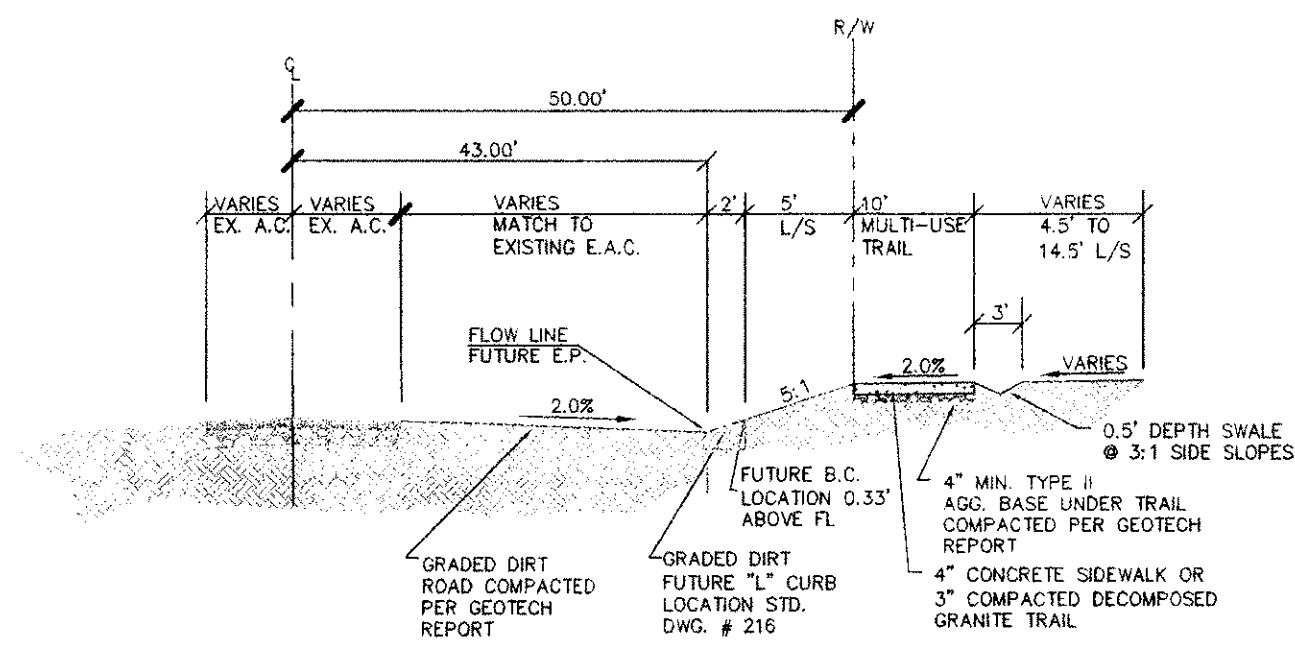
AM:ART:cf

c: Shaun Boulton, VTN Nevada

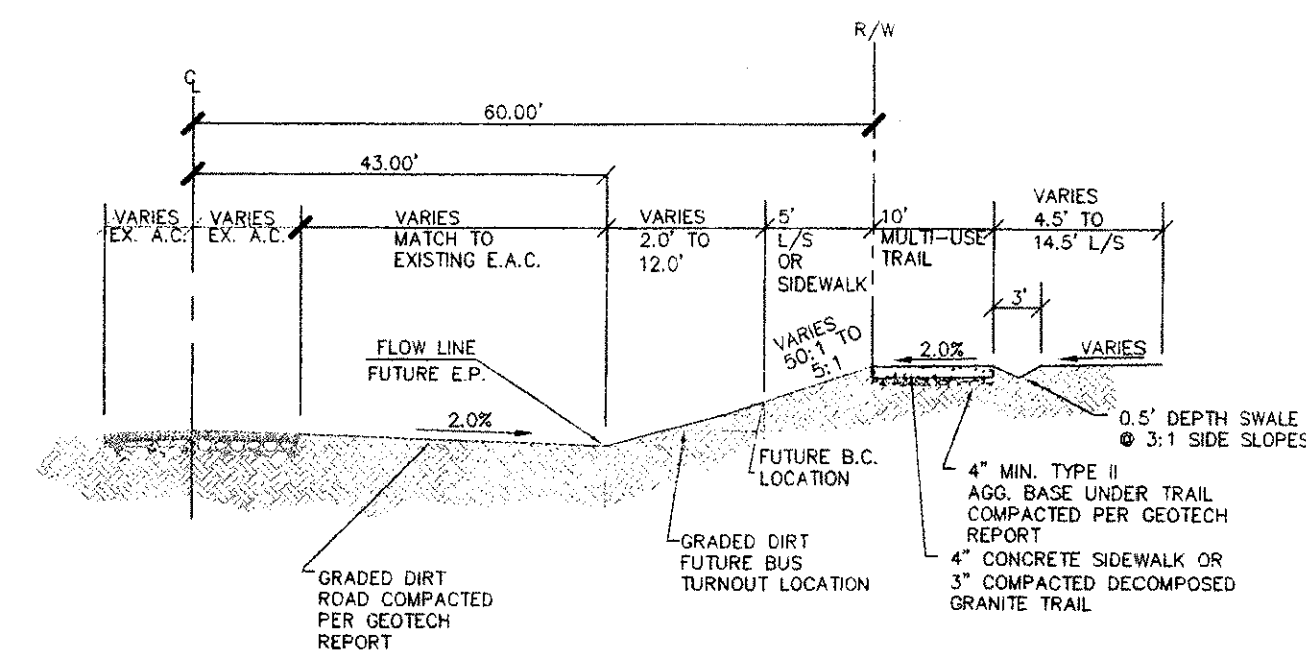
P:\Letters and Memos\Local Drainage\Land Development & Drainage\2012\L-12-8086.doc



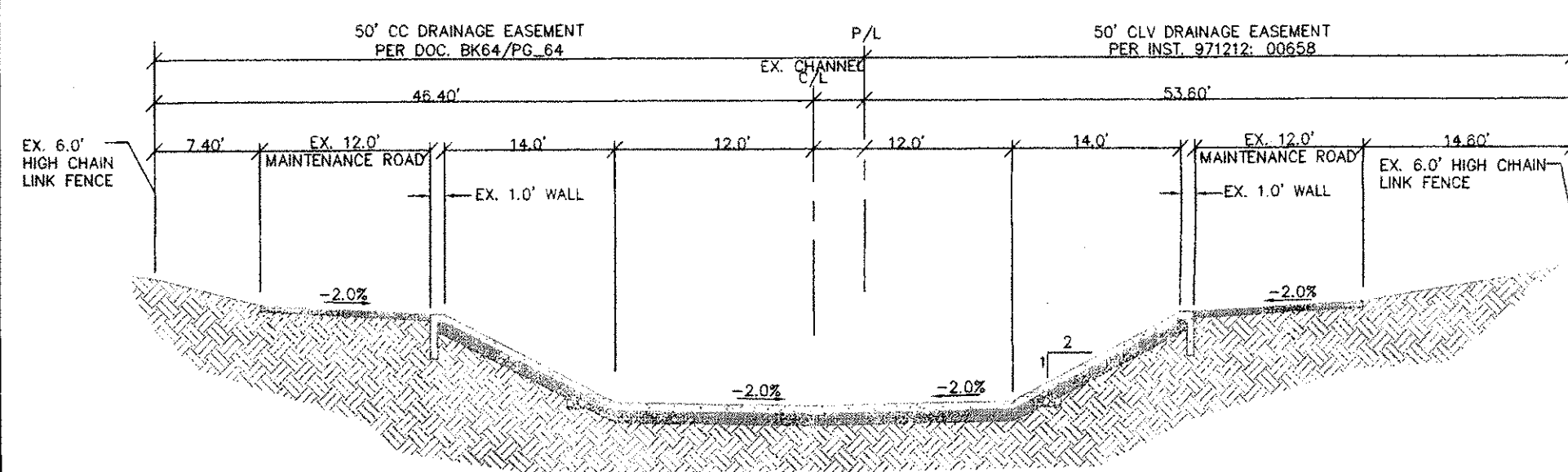
A GRAND TETON RD
N.T.S.



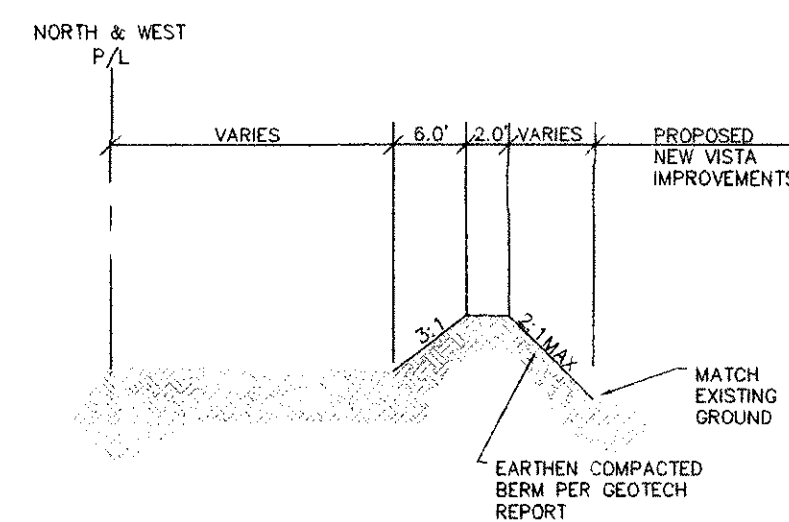
B RAINBOW BOULEVARD
N.T.S.



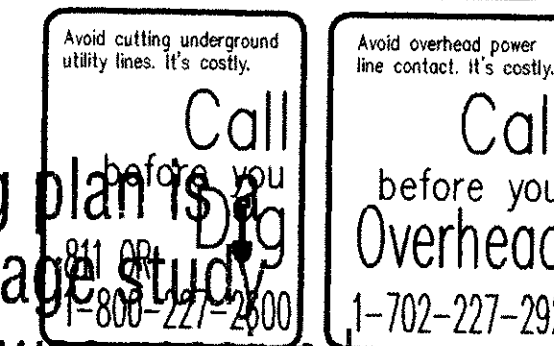
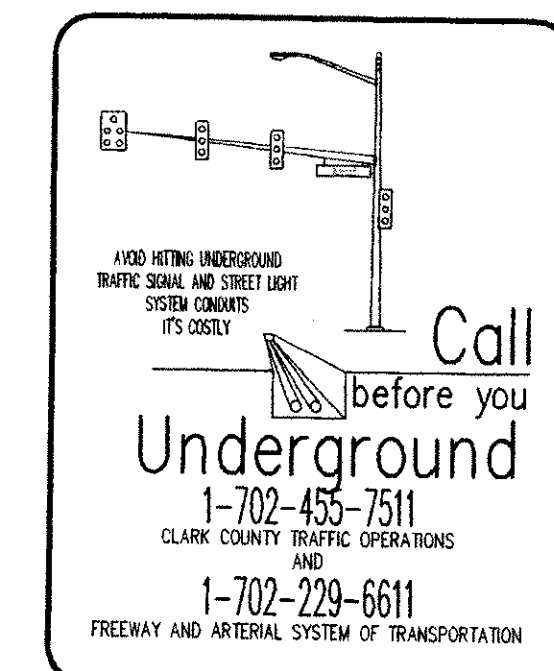
C RAINBOW BOULEVARD
FROM STA 14+07.73 TO 15+87.73
N.T.S.



D EX. LAS VEGAS WASH-MIDDLE BRANCH
TRAPEZOIDAL CHANNEL
N.T.S.

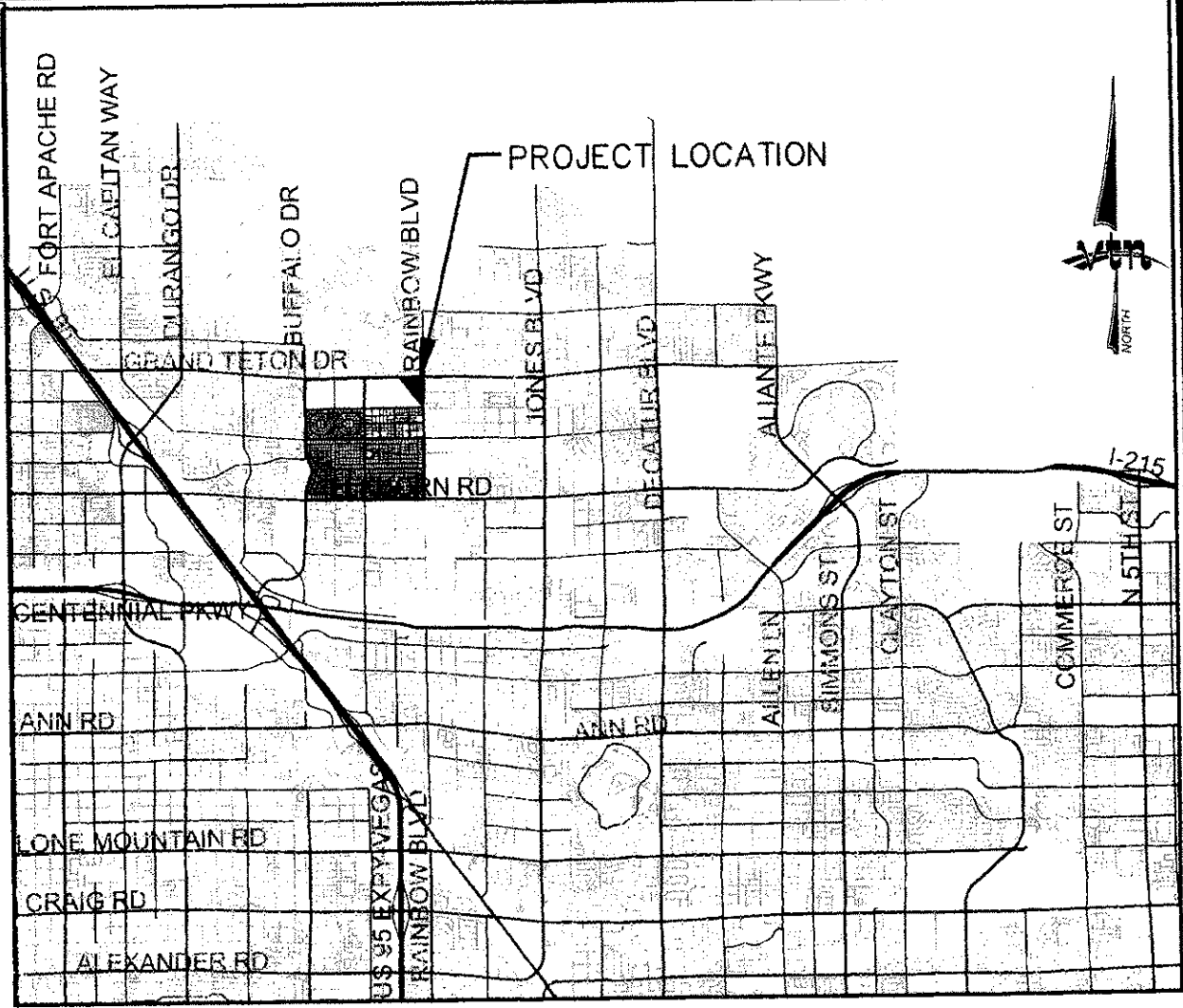
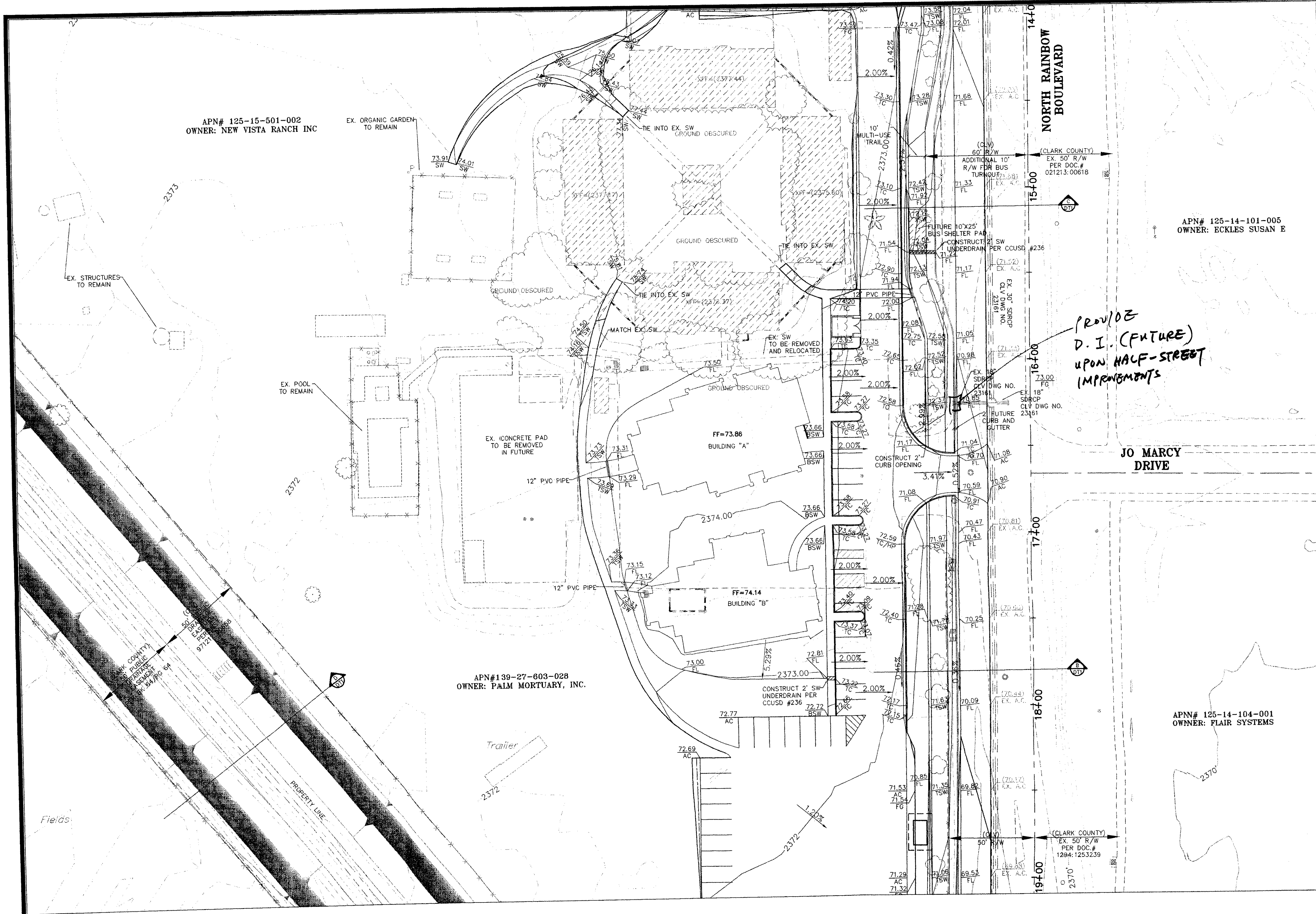


E BERM SECTION
N.T.S.



This grading plan is a part of drainage study # 4560 which was received on 8/22/12 and COND. APP'D on 9/6/12. Page 6 of 6

NEW VISTA RANCH, INC		CITY OF LAS VEGAS		2727 SOUTH RAINBOW BOULEVARD LAS VEGAS, NEVADA 89146-5148 PH. (702) 673-7550 FAX (702) 362-2997 WEB WWW.VTRN.COM	
NEW VISTA		GRADING PLAN		CONSULTING ENGINEERS • PLANNERS • LAND SURVEYORS	
DRAWN BY:		AUGUST 2012		DESIGNED BY:	
SUB				SUB	
CHECKED BY:		AUGUST 2012		PROJECT NO:	
BR				7431	
SCALE:		30		HORIZ. VERT.	
EXPIRES 12-31-13					
					
SHEET DT1					
6 OF 6 SHEETS					
DRAWING NO.					



LEGEND	
TSW	TOP OF SIDEWALK
EG	EXISTING GROUND
FG	FINISH GRADE
FL	FLOW LINE
TC	TOP OF CURB
EAC	EDGE OF ASPHALT PAVEMENT
EX	EXISTING (EXIST)
VG	VALLEY GUTTER
H.P.	HIGH POINT
L.P.	LOW POINT
C/L	CENTER LINE
BC	BACK OF CURB
BCR	BEGIN CURB RETURN
TF	TOP OF FOOTING
GB	GRADE BREAK
PC	POINT OF CURVATURE
PT	POINT OF TANGENCY
PRC	POINT OF REVERSE CURVATURE
PCC	POINT OF COMPOUND CURVATURE
BVC	BEGIN VERTICAL CURVE
MVC	MID-POINT OF VERTICAL CURVE
EVC	END VERTICAL CURVE
PRVC	POINT OF REVERSE VERTICAL CURVE
VPI	VERTICAL POINT OF INTERSECTION
TFW	TOP OF FLOOD WALL
TOP	TOP OF CHANNEL/SCARP
TOE	TOE OF CHANNEL/SCARP
PP	POWER POLE
TRANS.	TRANSITION
RET.	RETAINMENT
INT.	INTERSECTION
D.G.	DESIGN GRADE
TSW	TOP OF SIDEWALK
FF	FINISH FLOOR
TC/AC	TOP OF CURB
RCP	REINFORCED CONCRETE PIPE
SD	STORM DRAIN
DI	DROP INLET
L.S.	LANDSCAPE/AMENITY ZONE
R/W	RIGHT-OF-WAY
S/W	SIDEWALK
CHP	OVERHEAD POWER
PP	POWER POLE
T.E.	TRASH ENCLOSURE
(2400)	EX. CONTOUR(5' INTERVAL)
(2400)	EX. CONTOUR(1' INTERVAL)
PROPOSED CONTOUR	
0.50%	SLOPE AND FLOW DIRECTION
EDGE A.C.	
BLDG-A	BUILDING TYPE
SIDEWALK RAMP	
SIGHT VISIBILITY ZONES	
CUT/FILL TRANSITION LINE	
SETBACK LINE	
R/W OR P/L	
CENTER LINE	
BACK OF CURB	
LIP OF GUTTER	
EXIST. IMPROVEMENTS	
RETAINING WALL	
ADA ROUTE	
RETAINING WALL ELEV. (ft.)	
AC REMOVE & REPLACE	
SAWCUT LINE	
BACKFLOW PREVENTER PAD	

BASIS OF BEARINGS

THE BASIS OF BEARINGS FOR THIS PROJECT IS SOUTH 89°25'13" EAST BEING THE SOUTH LINE OF THE NORTHWEST QUARTER (NW 1/4) OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 14, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CLARK COUNTY, NEVADA, AS SHOWN ON A RECORD OF SURVEY ON FILE IN THE CLARK COUNTY, NEVADA RECORDER'S OFFICE IN FILE 154 AT PAGE 44.

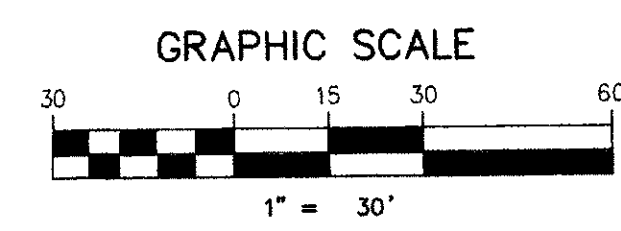
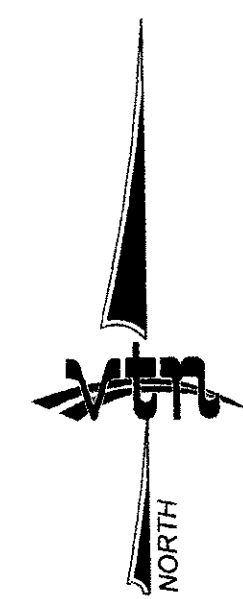
PROJECT BENCHMARK

PROJECT DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)

CITY OF LAS VEGAS BENCHMARK: 1LV90:11SW

NAVD88 ELEVATION: 724.3103 METERS (2376.34 FEET)

RIVET AND PLATE IN TOP OF CURB AT SOUTHEAST CORNER OF RAINBOW AND FLANAGAN.



This grading plan is a part of drainage study # 4560 which was received on 8/2/12 and 9/6/12. Page 7 of 10. Call before you dig. 1-800-227-2600. 1-702-229-6611. FREEWAY AND ARTERIAL SYSTEM OF TRANSPORTATION.

CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATION OF EXISTING UTILITIES AND NOTIFY THE DESIGN ENGINEER IMMEDIATELY OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.

FLOODZONE NOTE:
According to the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) Community Panel Number 32003C1765F, Clark County, Nevada, and Incorporated Areas, dated November 16, 2011, the site is located within a Zone "X". A Zone "X" is described as an area outside of the 500-year floodplain.

Call before you dig. 811 OR 1-800-227-2600. Call before you Overhead. 1-702-227-2929.

NEW VISTA RANCH, INC

CITY OF LAS VEGAS

2727 SOUTH RAINBOW BOULEVARD

LAS VEGAS, NEVADA 89146-5148

PH. (702) 873-7550 FAX (702) 362-2397 WEB WWW.VRN.COM

CONSULTING ENGINEERS • PLANNERS • LAND SURVEYORS

NEW VISTA

GRADING PLAN

DRAWN BY: SDB AUGUST 2012

DESIGNED BY: SDB AUGUST 2012

CHECKED BY: BR AUGUST 2012

PROJECT NO: 7431

SCALE: 30

HORIZ. VERT.

EXPIRES 12-31-13

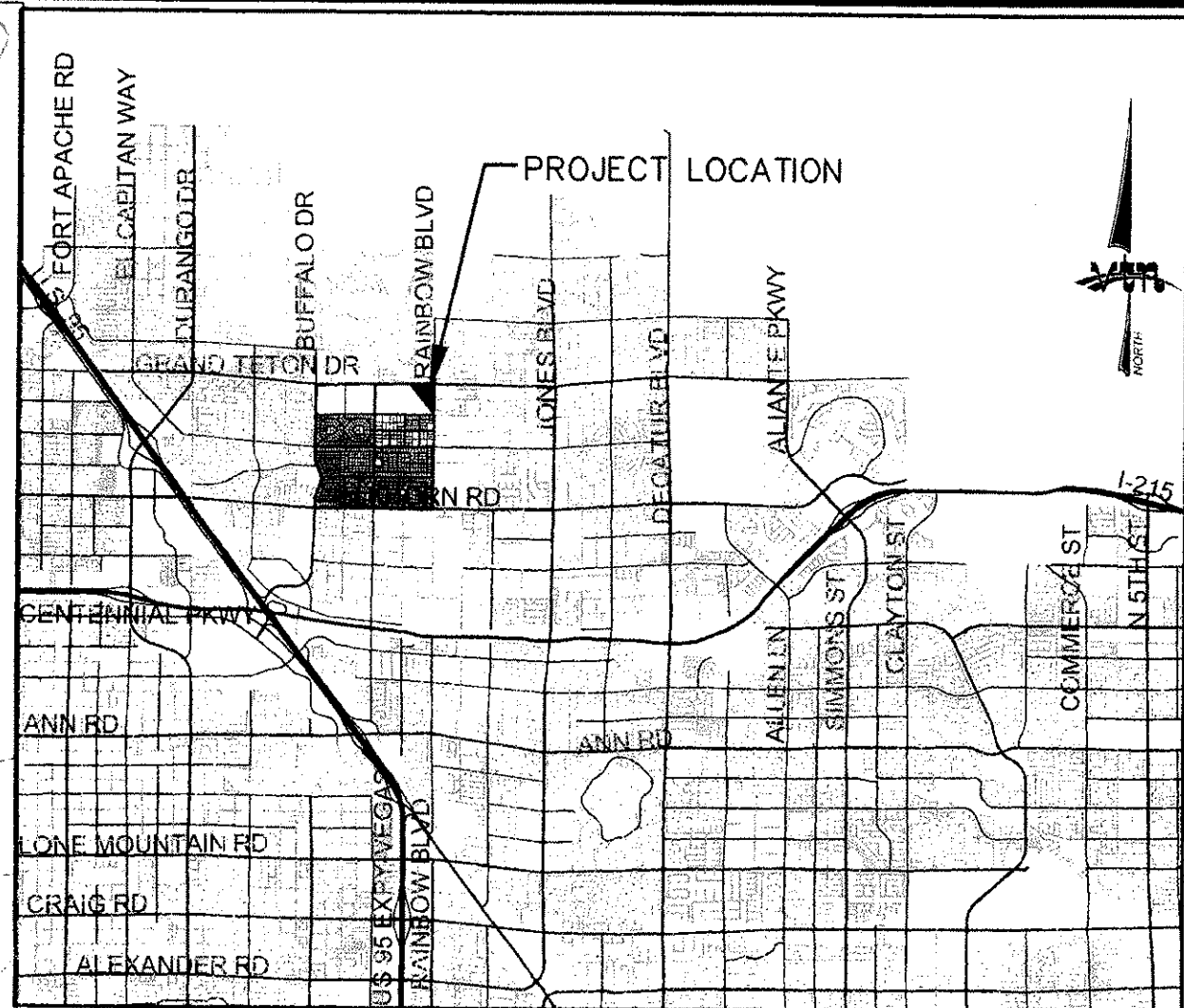
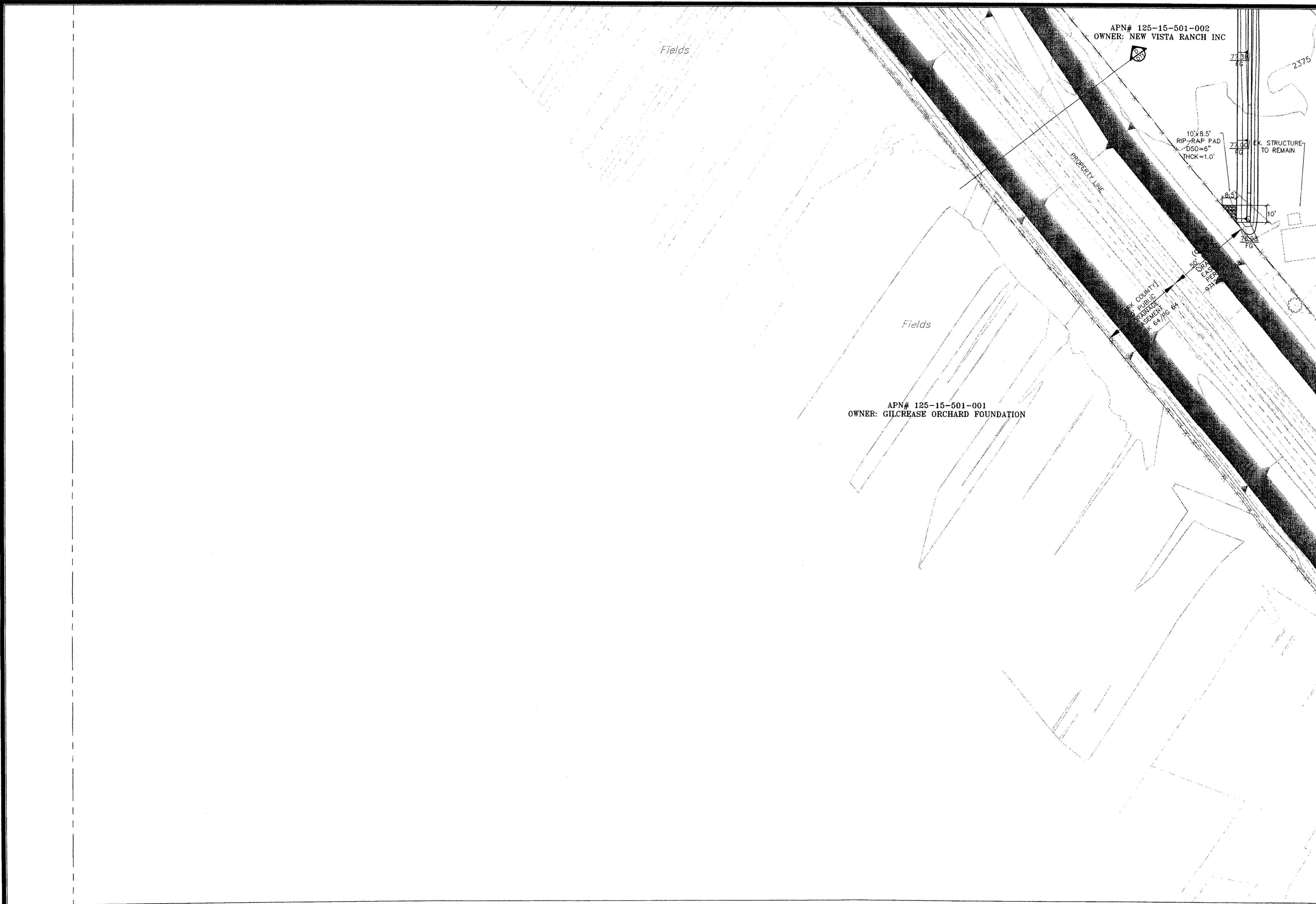
BRIAN TROY RUIZ CIVIL ENGINEER

STATE NO. 15967

SHEET GR4

4 OF 6 SHEETS

DRAWING NO.



LEGEND		
TSW	TOP OF SIDEWALK	EX. CONTOUR(5' INTERVAL)
EG	EXISTING GROUND	EX. CONTOUR(1' INTERVAL)
FG	FINISH GRADE	PROPOSED CONTOUR
FL	FLOW LINE	0.50% SLOPE AND FLOW DIRECTION
TC	TOP OF CURB	EDGE A.C.
EAC	EDGE OF ASPHALT PAVEMENT	BLDG-A BUILDING TYPE
VG	VALLEY GUTTER	SIDEWALK RAMP
H.P.	HIGH POINT	SIGHT VISIBILITY ZONES
L.P.	LOW POINT	CUT/FILL TRANSITION LINE
C/L	CENTER LINE	SETBACK LINE
BC	BACK OF CURB	R/W OR P/L
BCR	BEGIN CURB RETURN	CENTER LINE
TF	TOP OF FOOTING	BACK OF CURB
GB	GRADE BREAK	LIP OF GUTTER
PC	POINT OF CURVATURE	EXIST. IMPROVEMENTS
PT	POINT OF TANGENCY	RETAINING WALL
PRC	POINT OF REVERSE CURVATURE	ADA ROUTE
PCC	POINT OF COMPOUND CURVATURE	RETAINING WALL ELEV. (ft.)
BVC	BEGIN VERTICAL CURVE	AC REMOVE & REPLACE
MVC	MID-POINT OF VERTICAL CURVE	SAWCUT LINE
EVC	END VERTICAL CURVE	BACKFLOW PREVENTER PAD
PRVC	POINT OF REVERSE VERTICAL CURVE	
VPI	VERTICAL POINT OF INTERSECTION	
TFW	TOP OF FLOOD WALL	
TOP	TOP OF CHANNEL/SCARP	
TOE	TOE OF CHANNEL/SCARP	
PP	POWER POLE	
TRANS.	TRANSITION	
RET.	RETAINMENT	
INT.	INTERSECTION	
D.G.	DESIGN GRADE	
TSW	TOP OF SIDEWALK	
FF=	FINISH FLOOR	
TC/AC=	TOP OF CURB	
RCP	REINFORCED CONCRETE PIPE	
SD	STORM DRAIN	
DI	DROP INLET	
L.S.	LANDSCAPE/AMENITY ZONE	
R/W	RIGHT-OF-WAY	
S/W	SIDEWALK	
OHP	OVERHEAD POWER	
PP	POWER POLE	
T.E.	TRASH ENCLOSURE	

BASIS OF BEARINGS

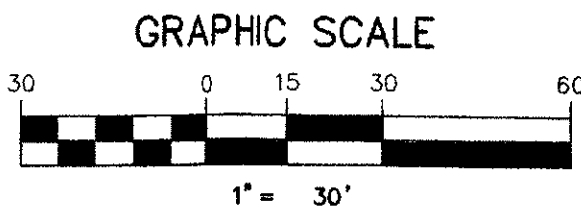
THE BASIS OF BEARINGS FOR THIS PROJECT IS SOUTH 89°25'13" EAST BEING THE SOUTH LINE OF THE NORTHWEST QUARTER (NW 1/4) OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 14, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CLARK COUNTY, NEVADA, AS SHOWN ON A RECORD OF SURVEY ON FILE IN THE CLARK COUNTY, NEVADA RECORDER'S OFFICE IN FILE 154 AT PAGE 44.

PROJECT BENCHMARK

PROJECT DATUM: NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)

CITY OF LAS VEGAS BENCHMARK: 1LV90:11SWS
NAVD88 ELEVATION: 724.3103 METERS (2376.34 FEET)

RIVET AND PLATE IN TOP OF CURB AT SOUTHEAST CORNER OF RAINBOW AND FLANAGAN.



CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATION OF EXISTING UTILITIES AND NOTIFY THE DESIGN ENGINEER IMMEDIATELY OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.

FLOODZONE NOTE:
According to the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) Community Panel Number 32003C1765F, Clark County, Nevada, and Incorporated Areas, dated November 16, 2011, the site is located within a Zone "X". A Zone "X" is described as an area outside of the 500-year floodplain.

Call before you Dig
811 OR
1-800-227-2600

Call before you Overhead
1-702-227-2929

This grading plan is a part of drainage study #4560 which was received Call on 8/24/12 and 9/6/12. Page 3 of 6

NEW VISTA RANCH, INC
LAS VEGAS, NEVADA

2727 SOUTH RAINBOW BOULEVARD
LAS VEGAS, NEVADA 89146-5148
PH. (702) 873-7550 FAX (702) 362-2597 WEB WWW.VTRN.VCOM
CONSULTING ENGINEERS • PLANNERS • LAND SURVEYORS

NEW VISTA

GRADING PLAN

DRAWN BY: AUGUST 2012

DESIGNED BY: AUGUST 2012

CHECKED BY: AUGUST 2012

PROJECT NO: 7431

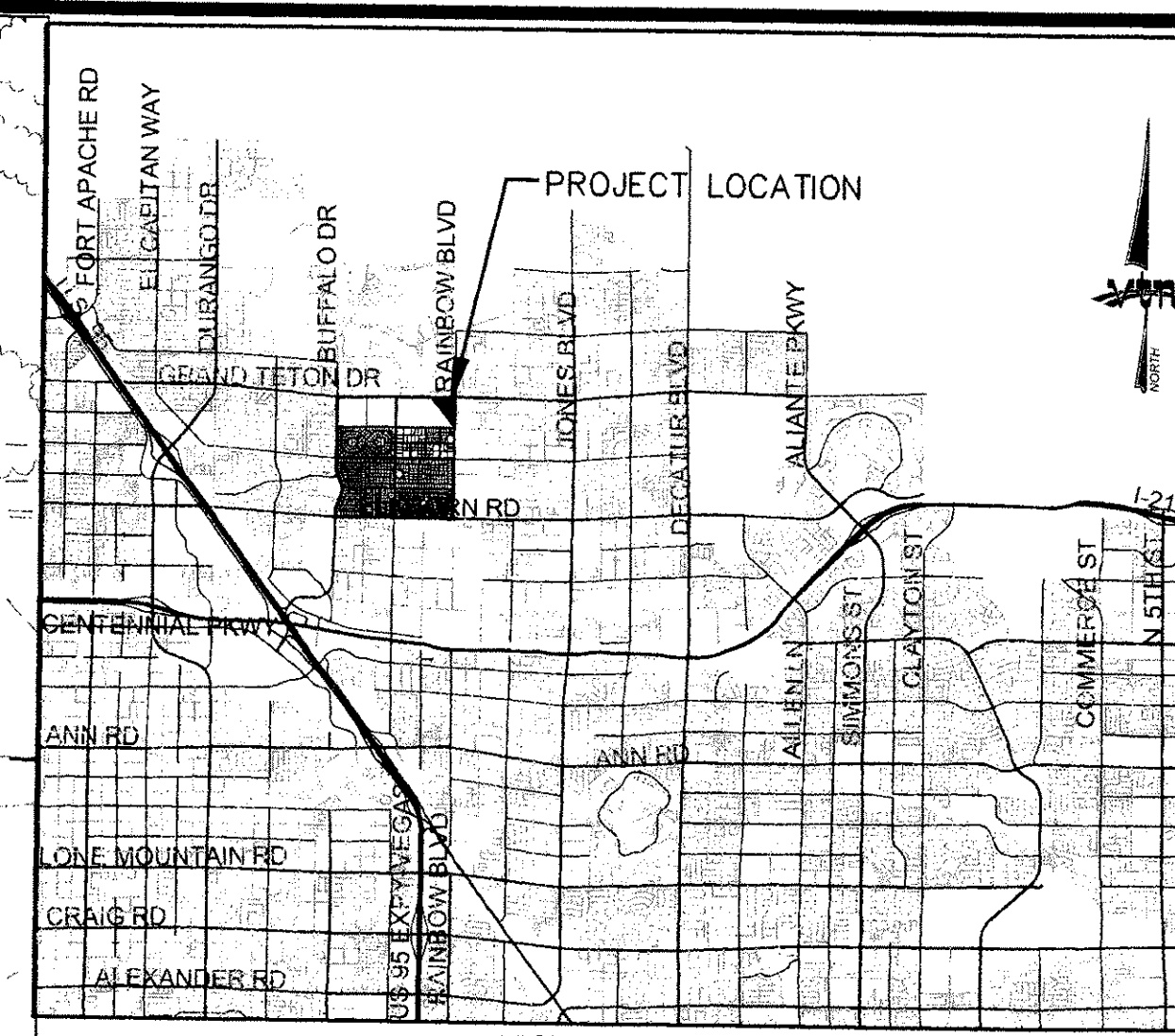
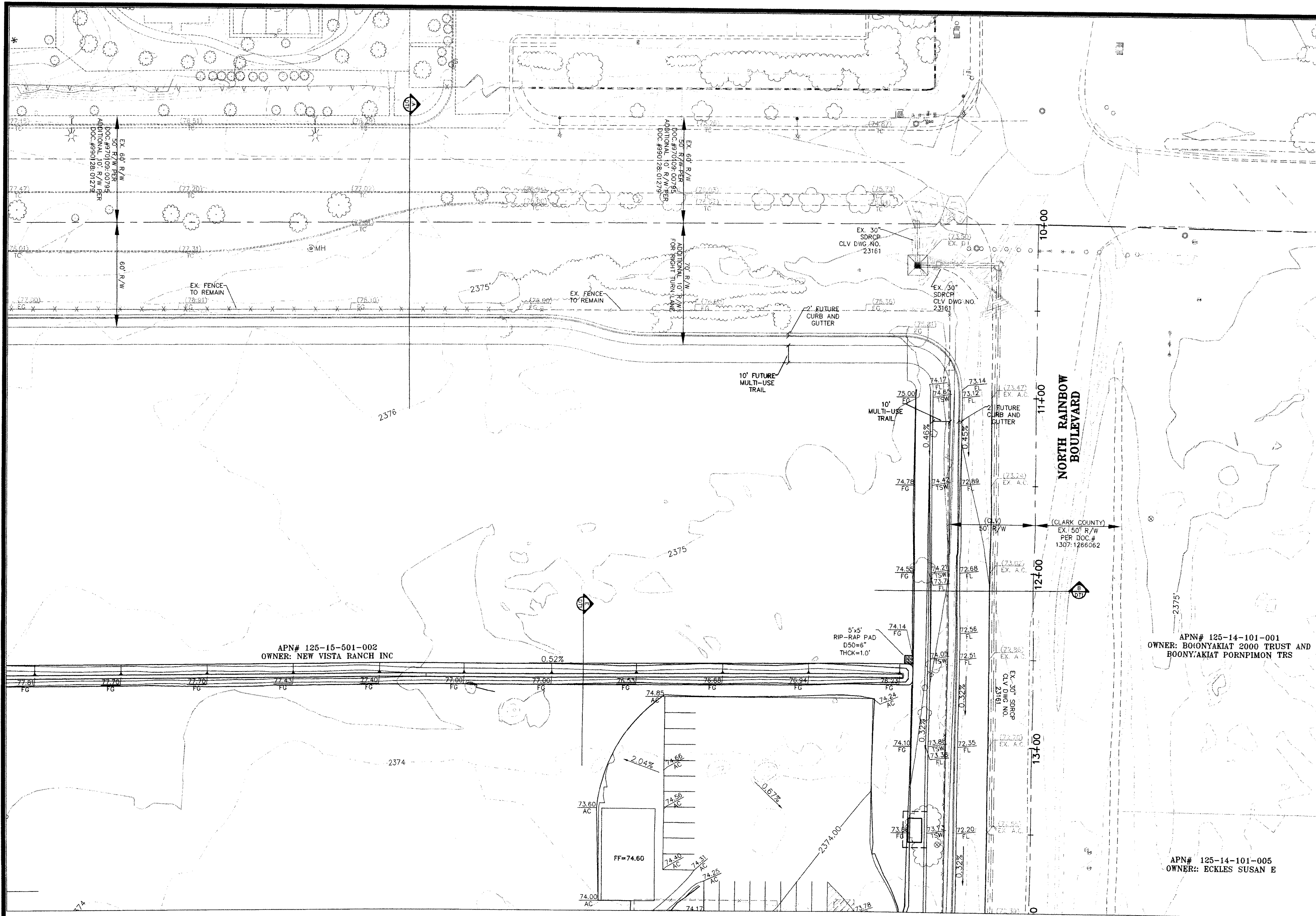
SCALE: 30

HORIZ. VERT.

EXPIRES 12-31-13

ENGINEER
TROY RUIZ
CIVIL
No. 15967
8/22/12

SHEET
GR3
3 OF 6 SHEETS
DRAWING NO.



LEGEND	
TSW	TOP OF SIDEWALK
EG	EXISTING GROUND
FG	FINISH GRADE
FL	FLOW LINE
TC	TOP OF CURB
EAC	EDGE OF ASPHALT PAVEMENT
EX	EXISTING (EXIST)
VG	VALLEY GUTTER
H.P.	HIGH POINT
L.P.	LOW POINT
C/L	CENTER LINE
BC	BACK OF CURB
BCR	BEGIN CURB RETURN
TF	TOP OF FOOTING
GB	GRADE BREAK
PC	POINT OF CURVATURE
PT	POINT OF TANGENCY
PRC	POINT OF REVERSE CURVATURE
PCC	POINT OF COMPOUND CURVATURE
BVC	BEGIN VERTICAL CURVE
MVC	MID-POINT OF VERTICAL CURVE
EVC	END VERTICAL CURVE
PRVC	POINT OF REVERSE VERTICAL CURVE
VPI	VERTICAL POINT OF INTERSECTION
TRW	TOP OF FLOOD WALL
TOP	TOP OF CHANNEL/SCARP
TOE	TOE OF CHANNEL/SCARP
PP	POWER POLE
TRANS	TRANSITION
RET.	RETAINMENT
INT.	INTERSECTION
D.G.	DESIGN GRADE
TSW	TOP OF SIDEWALK
FF	FINISH FLOOR
TC/AC	TOP OF CURB
ROP	REINFORCED CONCRETE PIPE
SD	STORM DRAIN
DI	DROP INLET
L.S.	LANDSCAPE/AMENITY ZONE
R/W	RIGHT-OF-WAY
S/W	SIDEWALK
OHP	OVERHEAD POWER
PP	POWER POLE
T.E.	TRASH ENCLOSURE
EX. CONTOUR(5' INTERVAL)	
EX. CONTOUR(1' INTERVAL)	
PROPOSED CONTOUR	
SLOPE AND FLOW DIRECTION	
EDGE A.C.	
BUILDING TYPE	
SIDEWALK RAMP	
SIGHT VISIBILITY ZONES	
CUT/FILL TRANSITION LINE	
SETBACK LINE	
R/W OR P/L	
CENTER LINE	
BACK OF CURB	
LIP OF GUTTER	
EXIST. IMPROVEMENTS	
RETAINING WALL	
ADA ROUTE	
RETAINING WALL ELEV. (ft.)	
AC REMOVE & REPLACE	
SAWCUT LINE	
BACKFLOW PREVENTER PAD	

BASIS OF BEARINGS

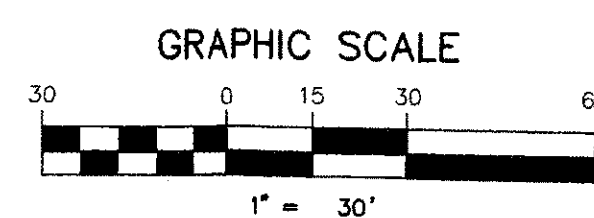
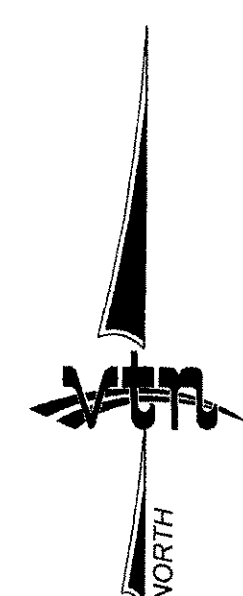
THE BASIS OF BEARINGS FOR THIS PROJECT IS SOUTH 89°25'13" EAST BEING THE SOUTH LINE OF THE NORTHWEST QUARTER (NW 1/4) OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 14, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CLARK COUNTY, NEVADA, AS SHOWN ON A RECORD OF SURVEY ON FILE IN THE CLARK COUNTY, NEVADA RECORDER'S OFFICE IN FILE 154 AT PAGE 44.

PROJECT BENCHMARK

PROJECT DATUM: NORTH AMERICAN DATUM OF 1988 (NAVD88)

CITY OF LAS VEGAS BENCHMARK: 1LV90.11SW5
NAVD88 ELEVATION: 724.3103 METERS (2376.34 FEET)

RIVET AND PLATE IN TOP OF CURB AT SOUTHEAST CORNER OF RAINBOW AND FLANAGAN.



CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATION OF EXISTING UTILITIES AND NOTIFY THE DESIGN ENGINEER IMMEDIATELY OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.

FLOODZONE NOTE:

According to the Federal Emergency Management Agency (FEMA) Flood Insurance Rate Map (FIRM) Community Panel Number 32003C1765F, Clark County, Nevada, and Incorporated Areas, dated November 16, 2011, the site is located within a Zone "X". A Zone "X" is described as an area outside of the 500-year floodplain.

Call before you dig
811 OR
1-800-227-2600

Call before you Overhead
1-702-227-2929

This grading plan is a part of drainage study #4560 which was received on 8/22/12 and 9/6/12. Page 2 of 102-4560-11.

1-702-229-6611
FREEWAY AND ARTERIAL SYSTEM OF TRANSPORTATION

DRAWN BY:	AUGUST 2012
DESIGNED BY:	AUGUST 2012
CHECKED BY:	AUGUST 2012
PROJECT NO:	SCALE: 30
7431	HORIZ. VERT.

EXPIRES 12-31-13	9/22/12
BRIAN TROY RUIZ	CIVIL
SHEET GR2	2 OF 6 SHEETS
DRAWING NO.	

NEW VISTA	NEW VISTA RANCH, INC	CITY OF LAS VEGAS
GRADING PLAN	2727 SOUTH RAINBOW BOULEVARD	LAS VEGAS, NEVADA 89146-5148
	PH. (702) 873-7550 FAX (702) 362-2597	WEB WWW.VTRN.COM
	CONSULTING ENGINEERS & PLANNERS	LAND SURVEYORS

