

DS #:

4823-1

APN:

125-22-501-001

PROJECT:

Elkhorn 40. Residential Development -

SUBMITTAL:

4th Submittal

SCANNED BY/DATE:

CHECKED BY/DATE:



CITY OF LAS VEGAS INTER-OFFICE MEMORANDUM			DATE: March 22, 2017
TO: Land Development Services Department of Building & Safety			FROM: Albert Sung, P.E. Flood Control Project Engineer Department of Public Works
SUBJECT:	Drainage Study for:		COPIES TO:
	Elkhorn 40 – Residential Development – Stockpile Permit		Triton Engineering
Cross Streets:	SEC of Elkhorn Road & Tenaya Way		D.R. Horton, Inc.
File Number:	F:\Depot\DSMemos\DS4823F.doc		Bart Anderson, P.E., DevCo
Parcel Number:	125-22-501-001		CCPW
Zoning Action:	TMP-65275; ZON-63488; WVR-65331; WVR-65593 & Variances		
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	9/7/2016	9/20/2016	Not Approved	\$400.00	457451: \$400
2 nd Submittal	12/1/2016	12/19/2016	Not Approved	\$400.00	467394: \$400
3 rd Submittal	1/11/2017	1/31/2017	Not Approved	\$400.00	471544: \$400
Supplement	2/6/2017	2/8/2017	Conditional Approval	N/C	N/C
CCPW	3/8/2017	3/8/2017	Concurrence Recv'd	N/C	N/C
4 th Submittal	3/13/2017	3/22/2017	See Comments Below	\$100.00	478160: \$100
TOTAL FEES (LDDRS):				\$1,300.00	----

REMARKS:

4th Submittal: Update for Stockpile Permit

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

X	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.
	is conditionally approved subject to Clark County Public Works Department concurrence.

1. All drainage easements must be public drainage easements to be privately maintained and common lots to be labeled on the grading plans and to be dedicated as such in the final map.
2. The engineer must provide a table on the grading plans that shows a quantity estimate of all drainage improvements within Public Drainage Easements. All drainage improvements within Public Drainage Easements must be bonded and inspected.
3. The rough graded onsite without any permanent cover such as paving, building construction or planting, is considered ongoing project under construction whereas a *Stormwater Pollution Prevention Plan* must be kept active under the NDEP Permit. In order to close out the permit, the developer must install permanent cover to the site to stabilize and control stormwater pollution to the satisfaction of NDEP.

NOTE: Any future changes to the proposed design (or design assumptions) as outlined in the approved drainage study and attached preliminary grading plan which affect drainage must be addressed in a Drainage Study Update and accepted by the *City of Las Vegas Flood Control Section*. Additionally, conditional acceptance of a drainage study is valid for a period of one (1) year. If the proposed construction has not been completed in that time period, the *City of Las Vegas* reserves the right to require additional conditions and/or submission and acceptance of a complete drainage study update prior to further construction of a project.

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

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T/R/S: T19S/R60E/22

AREA G-22

 *** FAX TX REPORT ***

TRANSMISSION OK

JOB NO. 3467
 DESTINATION ADDRESS 7022543062
 PSWD/SUBADDRESS
 DESTINATION ID
 ST. TIME 03/22 15:45
 USAGE T 00' 47
 PGS. 2
 RESULT OK

CITY OF LAS VEGAS		DATE:
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CCPW	3/8/2017	3/8/2017	Concurrence Recv'd	N/C	N/C
4 th Submittal	3/13/2017	3/22/2017	See Comments Below	\$100.00	478160: \$100
TOTAL FEES (LDDRS):				\$1,300.00	----

REMARKS:**4th Submittal: Update for Stockpile Permit**

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

X	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.
	is conditionally approved subject to Clark County Public Works Department concurrence.

1. All drainage easements must be public drainage easements to be privately maintained and common lots to be labeled on the grading plans and to be dedicated as such in the final map.



Rec'd: 3/13/17
DS4823-1

Albert Sung, P.E.
Land Development Services
333 North Rancho Drive
Las Vegas, NV 89106

G-22
\$/00

**Subject: UPDATE #1 to the Technical Drainage Study for
Elkhorn 40 Residential Development – STOCKPILE
DS4823**

Mr. Sung:

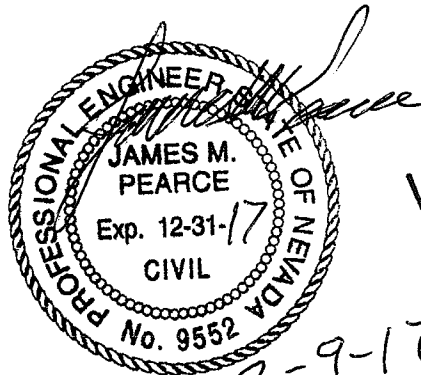
As representatives of DR HORTON we respectfully submit an Update to the Technical Drainage Study #DS4823 for STOCKPILE on property located at the southeast corner of Elkhorn & Tenaya on parcel #125-22-501-001, the site is approximately 39.18 acres and located within City of Las Vegas.

This update to the drainage study for Elkhorn 40 shows the temporary use of at stockpile which is being placed on the northern half of the site up against an existing bank in such a way as to not create any ponding. Because of the existing wall around the site there is no drainage at the stockpile location. The stockpile is required because the site requires a substantial amount of fill. Since the stockpile is located within phase 1 of Elkhorn 40 it will be removed prior to completion of phase 1 which should be within one year. This stockpile has no impact on the drainage study for Elkhorn 40. This stockpile will comply with the approved Dust Mitigation Plan #47326, that was approved on February 10, 2017.

We request that you favorably approve our request, and if you should have any questions please feel free to contact me at (702) 254-1480.

Sincerely,

James M. Pearce, P.E.
Vice President



HYDROLOGIC CRITERIA AND DRAINAGE MANUAL
DRAINAGE STUDY INFORMATION FORM

Name of Development: Update #1 to the Technical Drainage Study for Elkhorn 40 Date: March 2017

Location of Development: a) Descriptive (Cross Streets) North/South: Tenaya

East/West: Elkhorn

b) Section: 22 Township: 19S Range: 60E

c) APN : 125-22-501-001

Name of Owner: Greengale Properties, LLC, Owners, - DR Horton, Developers

Telephone No.: (702)672-1939 Fax No.: (702) 538-0735 E-Mail Address: MPCuddy@DRHorton.com

Address: 1081 Whitney Ranch Drive #141, Henderson, NV 89014

Contact Person-Name: Kelly J. Wittwer, P.E. Telephone No.: (702) 254-1480

* E-Mail Address: KWittwer@tritoneng.com Fax No.: (702) 254-3062

Firm: Triton Engineering, LLC

Address: 6757 West Charleston Boulevard, Suite B, Las Vegas, NV 89146

Type of Land Development/Land Disturbance Process:

☐	Rezoning	☒	Subdivision Map	☐	Clearing and Grading Only
☐	Parcel Map	☐	Planned Unit Development	☐	Other (Please specify below)
☐	Large Parcel Map	☐	Building Permit		

1. Total Owned Land Area: At Site: 37.35 ac Being Developed/Disturbed: 37.35 ac.

2. Is a portion or all of the subject property located in a designated FEMA Flood Hazard Area? ☐ Yes** ☒ No

3. Is the property bordered or crossed by an existing or proposed Clark County Regional Flood Control District Master Planned Facility? ☐ Yes** ☒ No

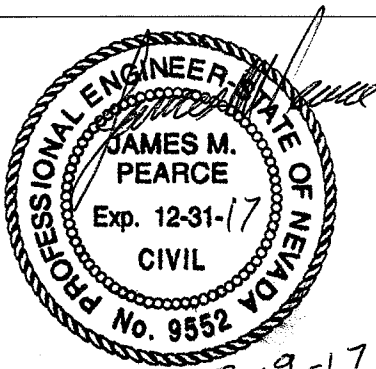
4. Proposed type of development (Residential, Commercial, Etc.): Residential

5. Approximate upstream land area which drains to the subject site: 160 acres + / -

6. Has the site drainage been evaluated in the past? ☐ YES ☒ NO If yes, please identify documentation: _____

7. If known, please briefly identify the proposed discharge point(s) of runoff from the site: _____
Discharge to the east to Rio Vista Street

8. Briefly describe your proposed schedule for the subject project: ASAP



Engineer's Seal

Submit this form as part of the required drainage study to the local entity which has jurisdiction over the subject property. This form may provide sufficient information to serve as the Conceptual Drainage Study.

*New Required Field

**Review and concurrence of the Clark County Regional Flood Control District is required.

Local Entity File No.	Revision	Date

REFERENCE:

STANDARD FORM 1



Department of Air Quality
4701 W. Russell Rd. Suite 200 2nd Floor
Las Vegas, NV 89118
Main Number: (702)455-5942
Fax Number: (702)383-9994

CLV

Dust Control Operating Permit (DCOP) For Construction Activities

This permit does not exempt the permittee from compliance with the Endangered Species Act

Permit #: 47326

Permittee: D. R. Horton, Inc.

Project: Elkhorn 40

Project Address: 7092 N Tenaya Way, Las Vegas

Cross Streets: Tenaya Way/Elkhorn Rd. SE

Issue (Effective) Date: 2/10/2017

Expiration Date: 2/10/2018

Revision Date:

Project Acreage: 41.2

Area: NNW - North/Northwest

Notes/Additional Permit Conditions

Onsite Project Manager:

Name: Kieth Irons
Company: D. R. Horton, Inc.
Phone Number: 702.283.1561

Responsible Official:

Name: Barbara Bross
Company: D. R. Horton, Inc.
Phone Number: 702.635.3655
Cell Number: 702.461.3978

Dust control measures must occur 24 hours a day, 7 days a week.

This permit is not valid until all fees are paid in full and a complete copy of the permit with conditions and the dust mitigation plan is posted on the project site.

It is a condition of the issuance of any operating permit required by the commission or pursuant to any local ordinance for the control of air pollution that the holder of the operating permit agrees to permit inspection of the premises to which the permit relates by any authorized officer of the department at any time during the holder's hours of operation without prior notice. This condition must be stated on each application form and operating permit. NRS 445B.580.

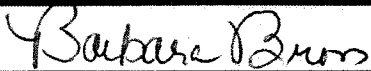
The issuance of this PERMIT does not relieve the PERMITTEE from compliance with all other applicable federal, state, county and local ordinances and regulations. Issuance of this PERMIT shall not be a defense to violations of any applicable ordinances or regulations.

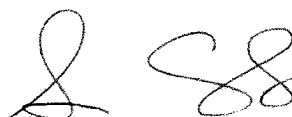
47326

Ⓢ

Dust Control Operating Permit (DCP) Application Clark County Department of Air Quality				For DAQ Use Only			
NOTE: Demolition by implosion is not covered by this application -- use Implosion Operating Permit Application.				Invoice Number: 0239725			
Application Type (Select One): ☒ New ☐ Renewal ☐ Modification		Applicant Type (Select One): ☒ Property Owner ☐ Developer ☐ Easement Holder ☐ Contractor ☐ Government		RECEIVED CC-DAQM 2011 FEB -6 A 7:48 CLV			
				☐ No change to project PEP and Parcels			
1. Responsible Official (Applicant) Information:							
Responsible Official Name:			Responsible Official Title:		Owner Builder/Company/Organization (Permittee):		
BARBARA BROSS			LAND COORDINATOR		D. R HORTON, INC		
Mailing and Email Address Information							
Number:	Direction:	Street:			Street Type:	Suite:	PO Box:
1081		WHITNEY RANCH			DR		
City:	HENDERSON				State:	NV	Zip: 89014
Email:	BABROSS@DRHORTON.COM				Primary Communication Method: ☒ Email ☐ US Postal		
Phone Numbers							
Office:	702-635-3655	Extension:	3655	Cell:	702-461-3978	Fax:	800-550-7012
2. Individual Designated as the On-site Project Manager:							
Name:		Title:		Company:			
KEITH IRONS		LAND SUPER		D R HORTON, INC			
Email:	KIRONS@DRHORTON.COM			Dust Card #:	DC 0416201	Card Expires:	04/15/2019
Office:	702-635-3655	Extension:	3655	Cell:	702-283-1561	Fax:	800-550-7012
3. Project Information:							
Permit # (For new permit, enter NEW; otherwise, enter existing DCP #):				NEW		Project Attributes (check all that apply):	
Project Name (same as signage): ELKHORN 40				☒ Residential ☐ Commercial ☐ Government Facility ☐ Infrastructure Utilities ☐ Flood Control ☐ Airport ☐ Soil Remediation ☐ Structure Demolition ☐ Roadway ☐ Blasting			
Project Description:							
A TWO PHASED SINGLE FAMILY RESIDENTIAL COMMUNITY							
Modification Acreage Added:		0		Modification Acreage Removed:		0	
Project Physical Location							
Number:	Direction:	Street:			Street Type:	Suite:	
7092	N	TENAYA			WAY		
City:	LAS VEGAS				State:	NV	Zip: 89131
List major cross streets and the proximity to the intersection:							
1st Cross Street:				2nd Cross Street:		Proximity:	
TENAYA way				ELKHORN Rd.		SE	

4. Project Disturbed Surface Area:							
a. Project Disturbed Surface Area Information (all land to be disturbed as part of the project): - Nonlinear Area Disturbed: Acres in tenths (rounded up to the nearest tenth of an acre for all nonlinear area (land) to be disturbed as part of the project, e.g., project site, stockpiles, staging areas, etc.). - Linear Area Disturbed: Acres in tenths (round to the nearest tenth of an acre for all linear area acres (land) to be disturbed as part of the project).							
Formulas to estimate acreage for linear project areas, e.g., new unpaved access roads, trenching for utilities, etc.: (width in feet x length in feet)/43,560 = acre or [width in feet x (length in miles x 5280)]/43,560 = acres							
Detailed Project Location Description:							
Nonlinear Area Disturbed (Acreage in Tenths)							
New/Current Total Project Acreage:		37.4		Proposed Total Project Acreage (new/renewal/Modifications):		37.4	
Linear Area Disturbed (Not Within Nonlinear Area):							
Linear Area Detailed Location Description (specify starting & ending points):							
Enter number of linear segments:						3	
New/Current DCP Maximum Linear Dimensions: (enter dimensions for new/renewal/modification DCP)				Proposed DCP Maximum Linear Dimensions: (enter dimensions for DCP modification/renewal DCP)			
Linear Length:	Length Unit of Measure:	Linear Width (feet):	Linear Length:	Length Unit of Measure:	Linear Width (feet):		
1,579.8	Feet	50	1,579.8	Feet	50		
1,242.9	Feet	40	1,242.9	Feet	40		
1,253.6	Feet	30	1,253.6	Feet	30		
New/Current Total Linear Project Acreage:		3.8		Proposed Total Linear Project Acreage:		3.8	
(1) Nonlinear Area Acreage Subtotal:	37.4	(2) Linear Area Acreage Subtotal:	3.8	Total Project Area Disturbed (1) + (2):	41.2	Modification Acreage Increase:	0
b. Project Parcels. List of all Assessor's parcel numbers/range of parcel numbers (1st five digits in in parcel range must match, i.e., starting & ending parcel numbers) for project disturbed surface area(s) and flag the parcels/range of parcels that are completely within the project disturbed surface area(s) boundary (Particulate Emission Potential (PEP) will be automatically determined by parcel number):						Enter number rows needed to identify parcels associated with project:	
						5	
Beginning Parcel Number	Ending Parcel Number	All Parcel Acreage Included in Project Acreage	Individual Parcel (I) or Range of Parcels (R)		PEP		
12522501001	12522501001	☒	I		HIGH		
12522599005	12522599005	☒	I		HIGH		
12522599001	12522599001	☐	I		HIGH		
12522502013	12522502013	☐	I		HIGH		
12522502010	12522502010	☐	I		HIGH		

5. Responsible Official (Applicant) Certification Statement. By signing this permit application, the signatory certifies the following:	
a. As the Responsible Official (Applicant), I am authorized on behalf of the Owner Builder/Company/Organization (Permittee) listed in Section 1 to apply for the Dust Control Operating Permit (DCP) and to commit to all of the terms and conditions of the requested permit.	
b. Before disturbing soils on a parcel, enacting a grade change, constructing a structure and/or appurtenances, or installing, constructing, or modifying equipment that emits an air pollutant, you must contact and obtain all required permits from Clark County's Department of Comprehensive Planning, Building Department, Department of Air Quality (<u>Title 30 Notice</u>) and the municipality with jurisdiction.	
c. The permit issued in response to this application is not a substitute for obtaining the property owner's permission to use land associated with the project. Issuance of the DCP is intended only for the purpose of controlling emission of air pollutants and assuring compliance with the Clark County Air Quality Regulations (AQR). The applicant/permittee agrees to hold harmless, indemnify, and defend Clark County, its employees and assigns from any claims that may arise due to any unauthorized use of the land.	
d. If applying on behalf of the Owner Builder/Company/Organization (Permittee) listed in Section 1 of this application, the Owner Builder/Company/Organization (Permittee) shall be responsible for complying with requirements of the DCP and AQR. Otherwise, the Responsible Official (Applicant) listed in Section 1 of the application shall be the responsible party.	
e. The Owner Builder/Company/Organization (Permittee) accepts responsibility for assuring that all contractors, subcontractors, and all other persons on the construction site defined by this permit, comply with the terms and conditions of the DCP, the associated Dust Mitigation Plan and AQR.	
f. In accordance with the DCP and AQR, the applicant/permittee shall consent to inspection of the site during normal hours of operation by Department of Air Quality (DAQ) staff without prior notice to determine compliance with the terms and conditions of the DCP and AQR.	
g. If the project has 50 or more acres of actively disturbed soil, the permittee shall notify DAQ and identify the on-site Dust Control Monitor for the project(s). In addition, I acknowledge that this notification requirement applies to the following circumstances: • When the permittee has common control of multiple adjacent projects that individually have less than 50 acres actively disturbed soil, but when combined the project have 50 or more acres of actively disturbed soil. • When the permittee has common control of multiple projects that are not adjacent, but are within a common master-planned community and have 50 or more acres of actively disturbed soil. The permittee shall make notification to DAQ using the current department notification form, which is available on the DAQ website and at the front counter at the main office. This notification shall be made prior to disturbance of the soil, as the Dust Control Monitor is required to be on-site at all times when construction activities occur and shall manage dust prevention and control on-site.	
Responsible Official (Applicant) Certification	
	2-2-2017
Responsible Official's (Applicant's) Signature	Signature Date
Advisories	
a. DCP acreage fee is based on total project acreage of disturbed surface area (Item 4.a. of this application), which is rounded up to the next whole acre. If the project acreage is less than an acre, a minimum of 1 acre shall apply to the project for fee purposes. All fees must be paid in full at time of application; otherwise, the application cannot be accepted.	
b. Any payment made to the department in conjunction with this application may only be refunded to the Owner Builder/Company/Organization with approval of the Board of County Commissioners (BCC). Approved refunds may not be issued to a preparer. Only the Responsible Official/Permittee may request a refund, which must contain written justification, a completed Federal W-9 Form, a copy of the Invoice/Receipt, a completed Clark County Supplier Addition/Maintenance/Update Form, and copy of cancelled check (front & back). The Control Officer shall have sole discretion to approve/disapprove the request for submittal to the BCC for refund approval.	
c. Stormwater Advisory: Be advised that all land disturbances that exceed one (1) acre or are adjacent to a waterway must submit a "Notice of Intent" to the Nevada Division of Environmental Protection (NDEP) that certifies a Storm Water Pollution Prevention Plan has been developed and is maintained for the site. Contact NDEP at (775) 687-9429 for an application, information and instructions.	
d. Payment: Invoice payments must be made by check, money order, cash or credit card. Checks and money orders must be made payable to Clark County Air Quality or DAQ. Credit card payment must be made in person at the DAQ Main Office.	

 2/9/17

NNW-212



DUST MITIGATION PLAN			
		Permit # :	NEW
Project Name:	ELKHORN 40		
Company (Permittee):	D. R HORTON, INC		
Total Project Area Disturbed:	40.4	Particulate Emission Potential (PEP):	HIGH
If the project acreage is ten (10) acres or more or if project trenching activities is one (1) mile in length or more, a detailed supplement to the Dust Mitigation Plan must be submitted with this application. The supplement be submitted in accordance with Section 94.5.5 of the Clark County Air Quality Regulations (AQRs) and Appendix B of the Construction Activities Dust Control Handbook.			
Water Source (check all that apply)			
☒ Hydrant with Jones Valve ☐ Stand Tanks ☐ Fire Hose ☐ Ponds ☒ Water Trucks/Pulls ☐ Well ☐ Other (Describe Below): 			
Project Activities:			
The Dust Mitigation Plan applies to the following project activities: Backfilling (Filling area previously excavated or trenched); Blasting - Abrasive (Sandblasting and/or abrasive blasting); Blasting Soil & Rock (Explosive blasting of soil and rock); Clearing & Grubbing (Clearing and grubbing for site preparation and vacant land cleanup); Clearing Forms, Foundations and Slabs (Clearing and cleaning of forms, foundations and slabs prior to pouring concrete); Crushing (Crushing of construction and demolition debris, rock and soil); Cut and/or Fill (Cut and/or fill soils for site grade preparation); Demolition - Mechanical/Manual (Mechanical and manual demolition of walls, stucco, concrete, freestanding structures, buildings, load-bearing walls and/or removal of transit pipe); Disturbed Soil (Disturbed soil throughout project including between structures); Disturbed Land - Long Term Stabilization (Large tracts of disturbed land that will not have continuing activity for more than 30 days); Dust Suppressants (Selection and use of chemical and organic dust suppressing agents and other dust palliatives); Importing/Exporting Materials (Importing or exporting of soil, aggregate, decorative rock, debris, Type II and other bulk material); Landscaping (Installation of sod, decorative rock, desert or other landscape material); Paving/Subgrade Preparation (Subgrade preparation for paving streets, parking lots, etc.); Sawing/Cutting Material (Sawing or cutting materials such as concrete, asphalt, block or pipe); Screening (Screening of rock, soil or construction debris); Staging Areas (Staging areas, equipment storage, vehicle parking lots, and material storage areas); Stockpiles (Stockpiling of materials, such as Type II, other soils, rock or debris, for future use or export); Trackout Prevention and Cleanup (Prevention and cleanup of mud, silt and soil tracked out onto paved roads); Traffic - Unpaved Routes and Parking (Construction related traffic on unpaved interior and/or access roads and unpaved employee/worker parking areas); Trenching (Trenching with track or wheel mounted excavator, shovel, backhoe or trencher); and Truck Loading (Loading trucks with materials including construction and demolition debris, rock and soil).			
This DCP Application and Dust Mitigation Plan does not include project activities related to Demolition - Implosion (Implosive demolition of a structure, using explosives).			
Best Management Practices (BMPs) - Control Measures:			
Permittee shall comply with all requirements of Section 94 of the Clark County Air Quality Regulations (AQR), all requirements of the current Clark County Dust Control Handbook, and all provisions of the Dust Control Operating Permit (DCP) issued in conjunction with the DCP Application.			
For each project activity specified in this Dust Mitigation Plan, the permittee shall comply with the requirements for the associated BMPs in the Dust Control Handbook and, where control options are listed for a BMP requirement, the permittee shall apply one or more of the associated control measures to comply with the requirement. Furthermore, the permittee will apply corresponding control measures for the PEP for the project soil type(s).			

TRANSMITTAL

Date: March 13, 2017

Project No.: 007.108

To: City of Las Vegas
Attn: Albert Sung
Flood Control
333 N. Rancho Dr.
Las Vegas, NV 89106

Subject: ELKHORN 40 - UPDATE #1 TO TECHNICAL DRAINAGE STUDY
DS#4823
STOCKPILE

The following items are forwarded by: HAND DELIVERY

Description

1 Stockpile Plan/Exhibit, Letter & Standard 1 Form

These items are submitted :

☐ At your request

☒ For your action

☒ For your review & approval

☒ For your review & comments

☐ For your file

☐ For information only

Remarks

For your review and approval. If you should require any additional information feel free to call our office.

Thank you!

By:


Aimee English - Triton Engineering

Copies to:



Profile view of the proposed roadway cross section. The vertical axis shows elevation from 2350 to 2375 feet. The horizontal axis shows stationing from 5+00 to 1+00. The profile includes the existing ground (dashed line), proposed ground (solid line), and centerline of the cross section (dotted line). Key features include a 2:1 scarp, a 0.65% grade, a 6' high block wall, and a street centerline at station 1+00.00.

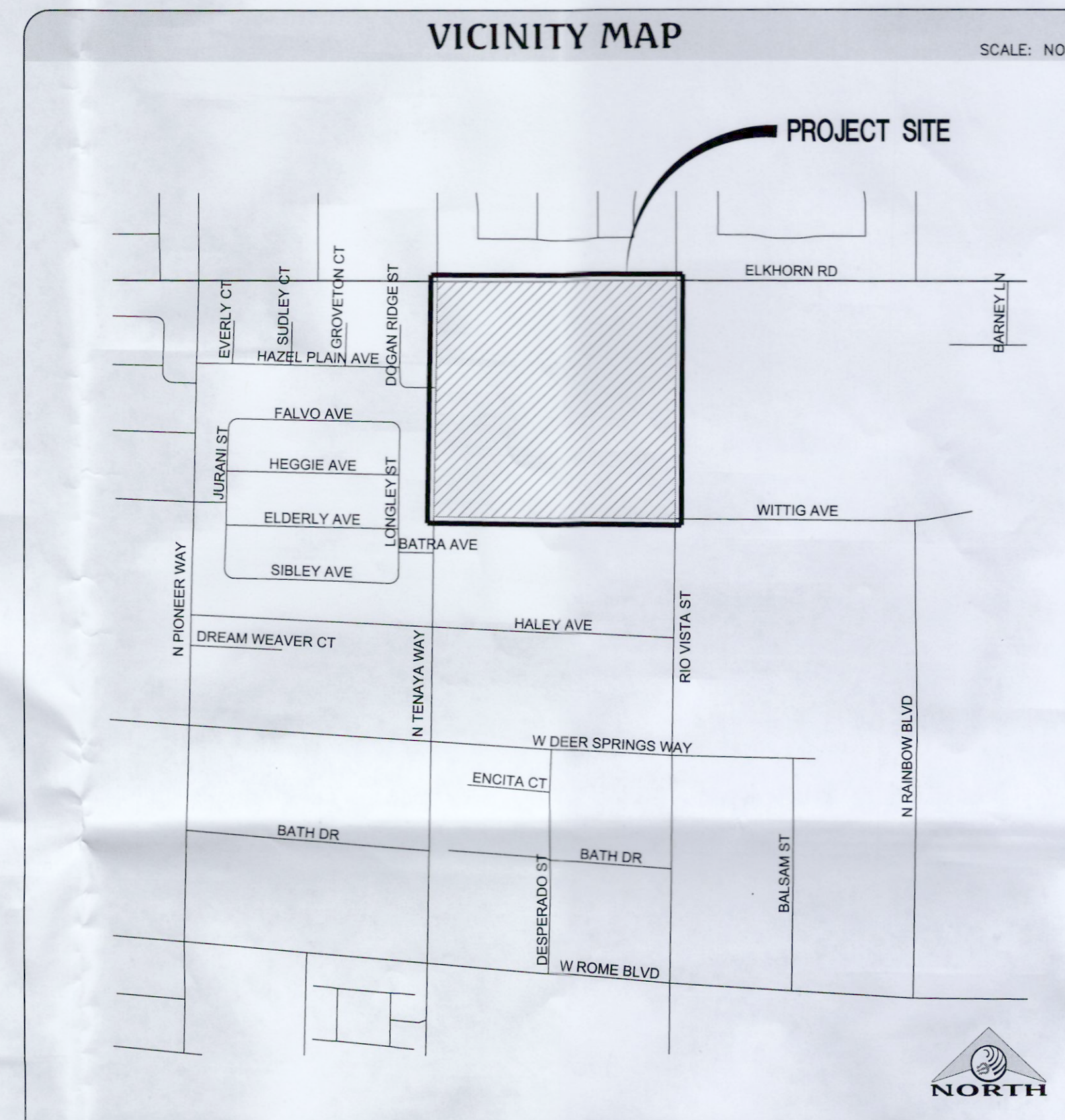
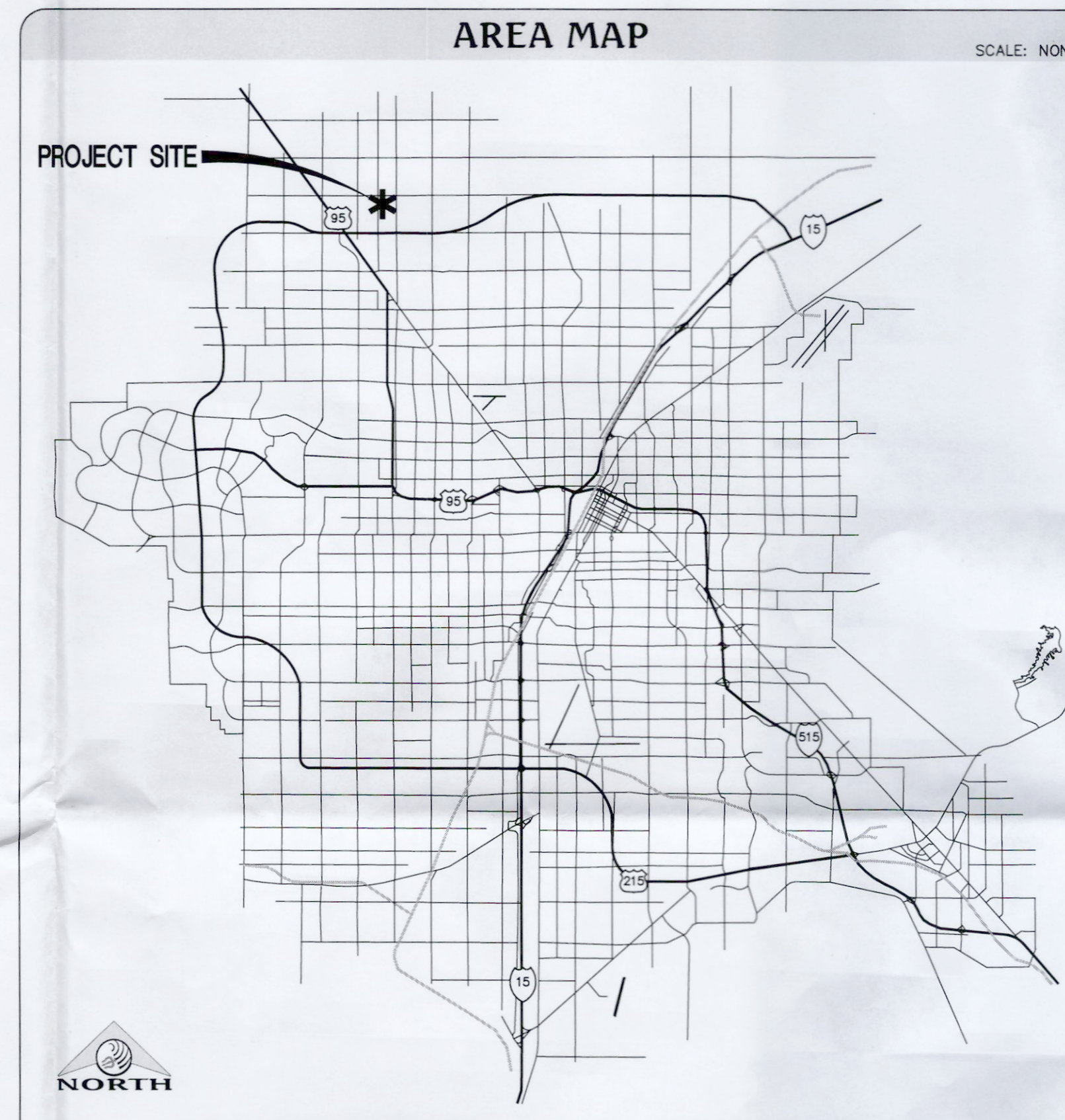
Station	Existing Ground (EG) Elevation	Proposed Ground (PG) Elevation	Notes
5+00	2357.5	2359.44	Top of Stockpile
4+00	2358.2	2359.25	Top of Stockpile
3+00	2358.0	2360.74	Top of Stockpile
2+00	2358.9	2361.40	Top of Stockpile
1+00	2359.4	2361.40	Top of Stockpile



2
OF 3

APN: 125-22-501-001
ELKHORN 40
STOCKPILE PLANS

WITHIN THE
CITY OF LAS VEGAS, NEVADA



FOR
DR HORTON
1081 WHITNEY RANCH DRIVE #141
HENDERSON, NEVADA 89014
CONTACT: MICHAEL P. CUDDY
OFFICE: (702) 672-1939
FAX: (800) 538-0735



BY
Triton
Engineering

6757 West Charleston Boulevard
Suite B
Las Vegas, Nevada 89146

Office: (702) 254-1480
Fax: (702) 254-3062
www.tritoneng.com

SHEET INDEX

1. COVER SHEET
2. GRADING NOTES AND SECTIONS
3. STOCKPILE GRADING PLAN

ASSESSOR'S PARCEL NUMBER

125-22-501-001

OWNER

DR. HORTON
1081 WHITNEY RANCH DRIVE, SUITE #141
HENDERSON, NEVADA 89014
PHONE: (702) 635-3600

DEVELOPER

DR. HORTON
1081 WHITNEY RANCH DRIVE, SUITE #141
HENDERSON, NEVADA 89014
PHONE: (702) 635-3600

ENGINEER

TRITON ENGINEERING
6757 WEST CHARLESTON BOULEVARD, SUITE B
LAS VEGAS, NV 89146
OFFICE: (702) 254-1480
FAX: (702) 254-3062

SURVEYOR

TRI-CORE SURVEYING
6755 W. CHARLESTON BLVD STE A
LAS VEGAS, NV 89146
OFFICE: (702) 524-4085

LEGAL DESCRIPTION

THE NORTHWEST QUARTER (NW 1/4) OF THE NORTHEAST QUARTER (NE 1/4) OF SECTION 22, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M. & M.
EXCEPTING THEREFROM THAT PORTION CONVEYED TO CITY OF LAS VEGAS BY GRANT DEED RECORDED AUGUST 20, 2003 IN BOOK 20030820 AS INSTRUMENT NO. 01 778 OF OFFICIAL RECORDS.

BASIS OF BEARING

NORTH 00°56'37" EAST, BEING THE BEARING OF THE WEST LINE OF THE NORTHEAST QUARTER (NE 1/4) OF SECTION 22, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CLARK COUNTY, NEVADA, AS SHOWN BY MAP THEREOF IN FILE IN THE CLARK COUNTY RECORDER'S OFFICE IN FILE 163, PAGE 26 OF SURVEYS.

BENCHMARK

CLARK COUNTY BENCHMARK STATION: 6LV90 15SSE6
RIVET AND PLATE IN TOP OF CURB AT THE NORTHWEST CORNER OF RIO VISTA AND ELKHORN ROAD.
ELEVATION = 717.800 METERS (2354.98 FT) (2003)
ELEVATION = 2354.98 US SURVEY FEET (2003)

APPROVALS

ALLEN PAVELKA, P.E. (PE# 9029)

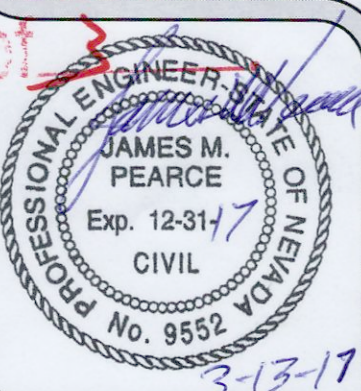
CITY ENGINEER -- CITY OF LAS VEGAS
APPROVAL OF THESE PLANS BY THE CITY ENGINEER IS LIMITED TO THOSE IMPROVEMENTS CONSTRUCTED IN THE DEDICATED RIGHT-OF-WAY, AND/OR DEDICATED EASEMENTS. THIS APPROVAL DOES NOT AUTHORIZE CONSTRUCTION OF ANY IMPROVEMENTS THAT DEVIATE FROM ADOPTED STANDARDS AND/OR SPECIFICATIONS EXCEPT THOSE SPECIFICALLY LISTED UNDER DEVIATIONS FROM STANDARDS. THE ENGINEER SHALL RESOLVE ANY DEVIATION OTHER THAN THOSE LISTED IN DEVIATIONS FROM STANDARD IN FAVOR OF THE UNIFORM STANDARD DRAWINGS AND SPECIFICATIONS, CLARK COUNTY AREA, NEVADA.

CHRIS KNIGHT, DIRECTOR, BUILDING AND SAFETY DATE
THIS PLAN CONFORMS TO THE APPLICABLE STANDARDS OF THE PLANNING DEPARTMENT

Triton
Engineering



DR. HORTON
ELKHORN 40
COVER SHEET



SHEET
1
OF 3

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