

LEGAL DESCRIPTION

LOT F/G/H AS SHOWN ON THE FINAL MAP OF
STONEBRIDGE UNIT 3 ON FILE IN BOOK 152 OF
PLATS, PAGE 41, IN THE OFFICE OF THE COUNTY
RECORDER OF CLARK COUNTY, NEVADA.

BENCHMARK

RIVET AND ROUND PLATE IN THE TOP OF CURB AT THE
SOUTHEAST CORNER OF DESERT MOON RD. AND SKY VISTA
DR.

ELEVATION = 1011.422 METERS (NAVD '88)
ELEVATION = 3318.31 US SURVEY FEET (NAVD '88)

BASIS OF BEARINGS

NORTH 05°36'00" WEST, BEING THE BEARING OF THE WEST LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 33, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., AS SHOWN IN FILE 118, PAGE 100 OF PARCEL MAPS ON FILE AT THE CLARK COUNTY, NEVADA RECORDERS OFFICE

OWNER:

GREYSTONE NEVADA LLC

9275 W RUSSELL RD. LAS VEGAS, NV 89148
PHONE: (702) 736-9100 FAX: (702) 736-9200

DEVELOPER:

LENNAR

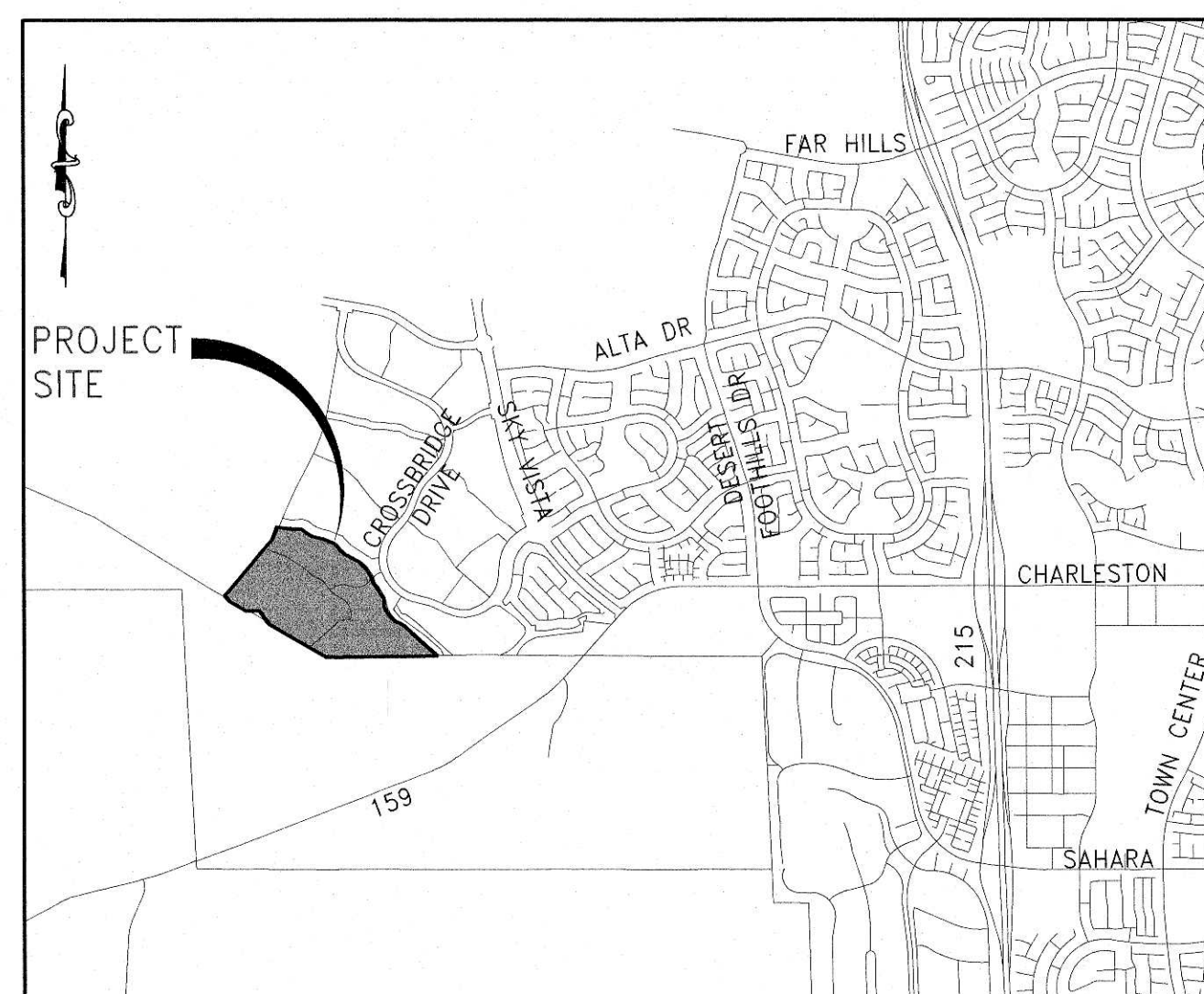
DESIGN ENGINEER:

RCI Engineering

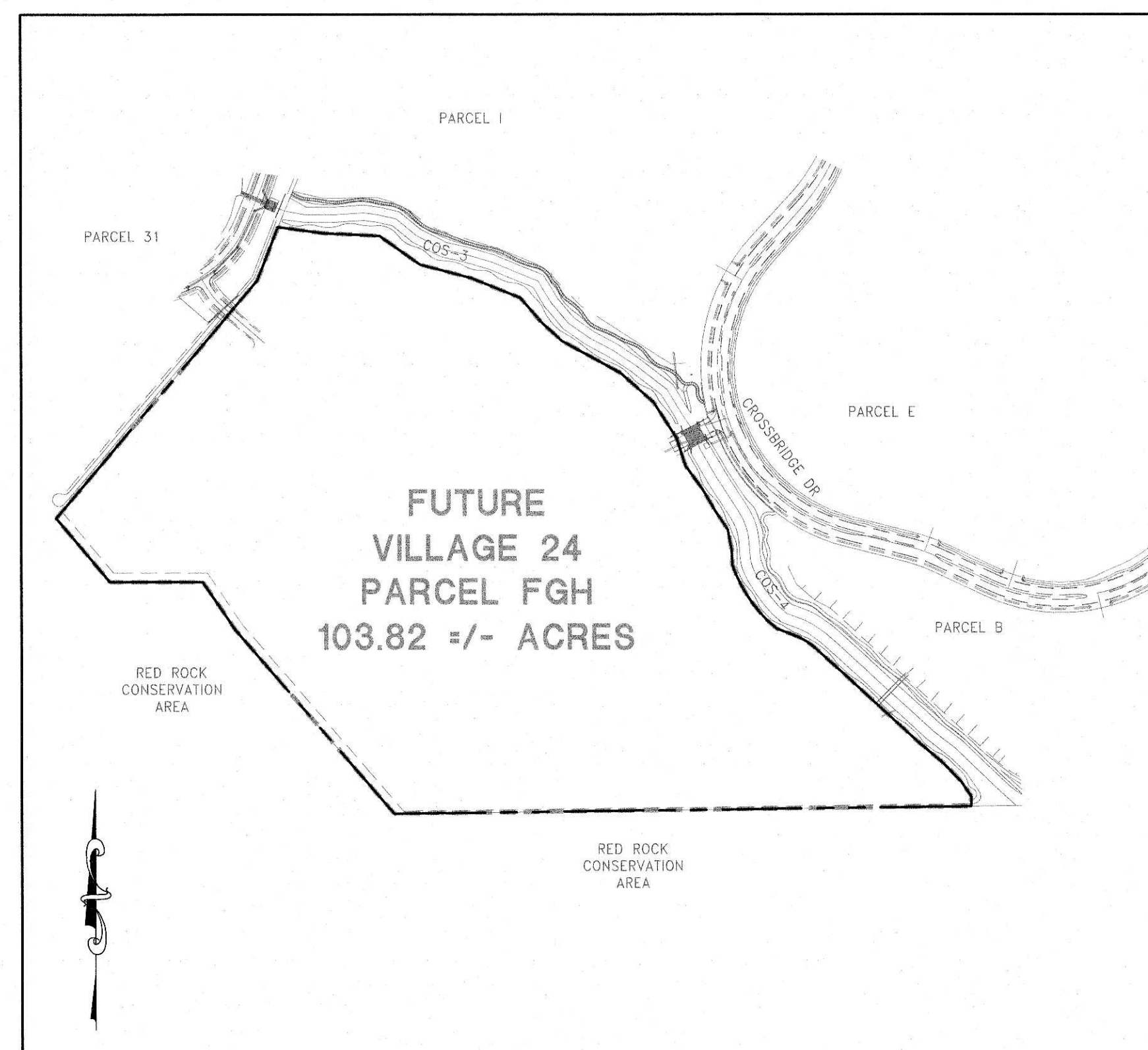
500 South Ranch Drive, Suite 17, Las Vegas, NV 89106
PH#702.453.0800 FAX#702.453.0801

SHEET INDEX

SHT No.	DWG ID	DRAWING DESCRIPTION
1	C-1	COVER SHEET
2	N-1	GENERAL NOTES, LEGENDS, ABBREVIATIONS AND QUANTITIES
3	G-1	GRADING PLAN (SHEET 1 OF 26)
4	G-2	GRADING PLAN (SHEET 2 OF 26)
5	G-3	GRADING PLAN (SHEET 3 OF 26)
6	G-4	GRADING PLAN (SHEET 4 OF 26)
7	G-5	GRADING PLAN (SHEET 5 OF 26)
8	G-6	GRADING PLAN (SHEET 6 OF 26)
9	G-7	GRADING PLAN (SHEET 7 OF 26)
10	G-8	GRADING PLAN (SHEET 10 OF 26)
11	G-9	GRADING PLAN (SHEET 11 OF 26)
12	G-10	GRADING PLAN (SHEET 10 OF 26)
13	G-11	GRADING PLAN (SHEET 11 OF 26)
14	G-12	GRADING PLAN (SHEET 12 OF 26)
15	G-13	GRADING PLAN (SHEET 13 OF 26)
16	G-14	GRADING PLAN (SHEET 16 OF 26)
17	G-15	GRADING PLAN (SHEET 15 OF 26)
18	G-16	GRADING PLAN (SHEET 16 OF 26)
19	G-17	GRADING PLAN (SHEET 17 OF 26)
20	G-18	GRADING PLAN (SHEET 18 OF 26)
21	G-19	GRADING PLAN (SHEET 19 OF 26)
22	G-20	GRADING PLAN (SHEET 20 OF 26)
23	G-21	GRADING PLAN (SHEET 21 OF 26)
24	G-22	GRADING PLAN (SHEET 22 OF 26)
25	G-23	GRADING PLAN (SHEET 23 OF 26)
26	G-24	GRADING PLAN (SHEET 24 OF 26)
27	G-25	GRADING PLAN (SHEET 25 OF 26)
28	G-26	GRADING PLAN (SHEET 26 OF 26)
29	D-1	GRADING DETAIL (SHEET 1 OF 2)
30	D-2	GRADING DETAIL (SHEET 2 OF 2)
31	P-1	PLAN AND PROFILE-RED ROCK WASH FROM STA: 21+00 TO STA: 25+00
32	P-2	PLAN AND PROFILE-RED ROCK WASH FROM STA: 17+00 TO STA: 21+00
33	P-3	PLAN AND PROFILE-RED ROCK WASH FROM STA: 12+00 TO STA: 17+00
34	P-4	PLAN AND PROFILE-RED ROCK WASH FROM STA: 6+00 TO STA 12+00
35	P-5	PLAN AND PROFILE STORM DRAIN (SDMH 1 AND 2)
36	P-6	PLAN AND PROFILE STORM DRAIN (SDMH 4 AND 5)



VICINITY MAP
NOT TO SCALE



SITE PLAN
NOT TO SCALE

DISCLAIMER NOTE:

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND OR OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION. CONTRACTOR TO NOTIFY ENGINEER OF ANY CHANGES OR DISCREPANCIES.

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APPROVED BY:

CITY OF LAS VEGAS

ALLEN PAVELKA, P.E. #9029
CITY ENGINEER

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

CITY OF LAS VEGAS PLANNING DEPARTMENT
THIS PLAN MEETS THE APPLICABLE STANDARDS OF THE PLANNING DEPARTMENT.

THE HOWARD HUGHES COMPANY, LLC

KEVIN ORROCK
VICE PRESIDENT

IMPROVEMENT PLANS FOR SUMMERLIN VILLAGE 24 PARCEL FGH RED ROCK WASH IMPROVEMENTS AND MASS GRADING COVER SHEET		LENAR® 9275 W. RUSSELL RD SUITE 400, LAS VEGAS, NV 89148 PHONE: (702) 736-9100 FAX: (702) 736-9200		DATE: August 01, 2019 HRRY SCALE: N/A VERT. SCALE: N/A DRAWN BY: SC DESIGNED BY: AW CHECKED BY: CZ APPROVED BY: CZ PROJECT #: 5040.0057		RCI ENGINEERING 500 SOUTH RANCHO DRIVE, SUITE 17, LAS VEGAS, NV 89106 PHONE: (702) 453-0800 FAX: (702) 453-0801		FOR REVIEW ONLY REV DESCRIPTION BY DATE	
DATE: 8-1-19 DRAWING C-1 SHEET 1 OF 36 CLY PROJECT #									

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Call
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FAST



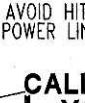
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1-702-227-2929

ACCORDING TO THE FEMA FLOOD INSURANCE RATE MAP (FIRM) COMMUNITY PANEL NUMBERS 32003C2150E AND 32003C2125E DATED SEPTEMBER 27, 2002, THE SITE IS LOCATED IN A ZONE "X".

SURVEY MONUMENT NOTE
OWNER RESPONSIBLE TO PROVIDE SURVEY MONUMENTATION AS
REQUIRED BY CITY OF LAS VEGAS AND CLARK COUNTY UNIFORM
STANDARD DRAWING NUMBER 243. OWNER IS ALSO RESPONSIBLE TO
REPLACE ALL SURVEY MONUMENTATION DAMAGED, DESTROYED, OR
OBSCURED DURING CONSTRUCTION.

- ① CONSTRUCT ROCK MAINTENANCE ROAD
2" CRUSHED GRAVEL/GRAVEL @ 95% COMPACTION
- ② CONSTRUCT CONCRETE CUT-OFF PROTECTION DEPTH VARIES
- ③ INSTALL LARGE ROCK GROUTED RIPRAP PER
DETAIL 22/D-2
- ④ INSTALL STORM DRAIN CAP PER DETAIL 20/D-2
- ⑤ INSTALL STORM DRAIN FLARED END PER DETAIL 21/D-2
- ⑥ EXISTING RIPRAP TO BE REMOVED

CITY OF LAS VEGAS BENCHMARK 7LV09 34SW6

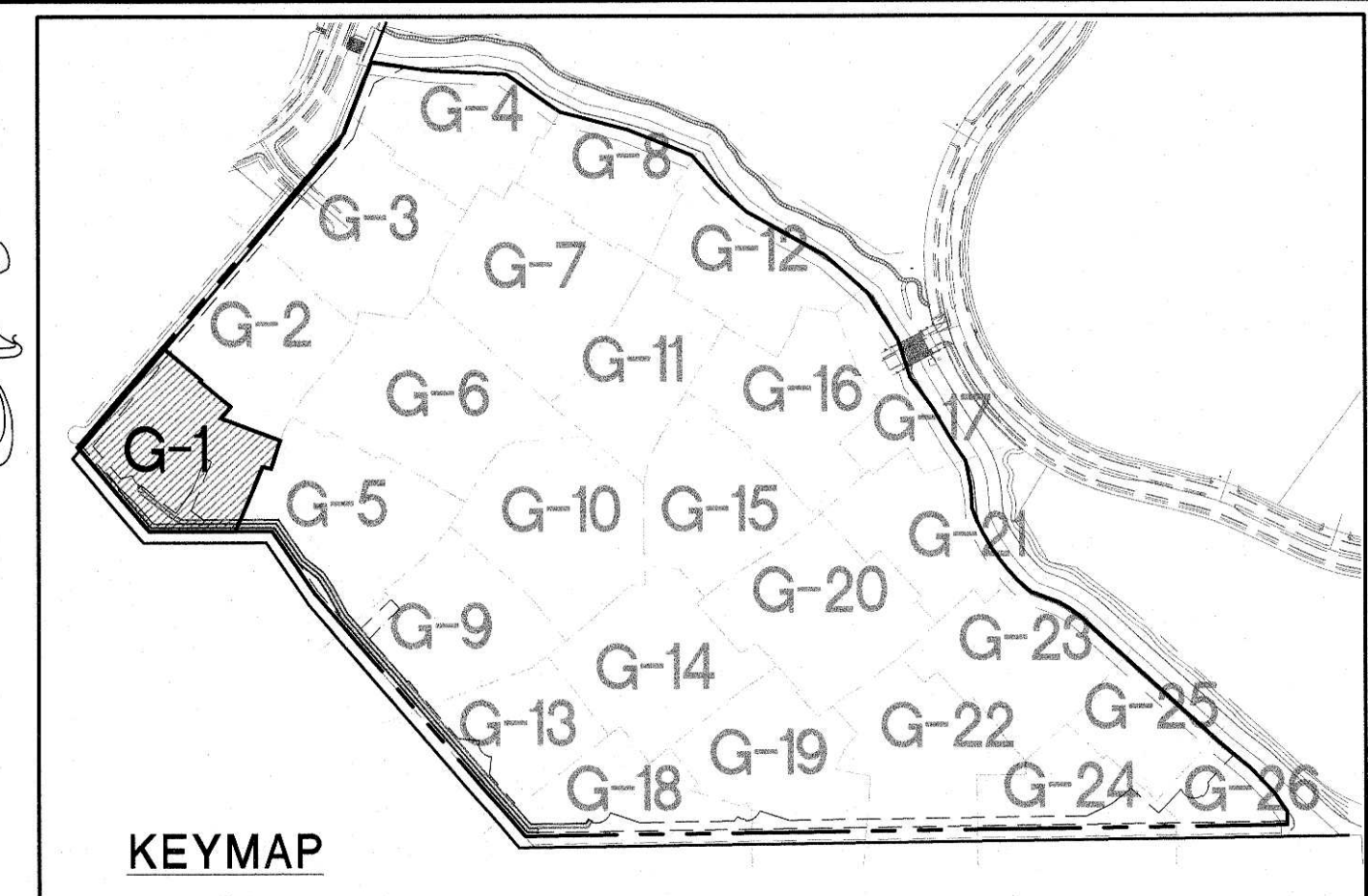
RIVET AND ROUND PLATE IN THE TOP OF CURB AT THE
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1. CONTRACTOR IS RESPONSIBLE FOR DUST AND EROSION CONTROL DURING CONSTRUCTION.
2. ENGINEER TO BE NOTIFIED OF ANY DISCREPANCIES IMMEDIATELY.
3. THESE PLANS SHALL NOT, IN PART OR IN WHOLE, BE USED FOR CONSTRUCTION UNTIL APPROVED AND SIGNED BY THE GOVERNING AGENCY.
4. ALL GRADING SHALL CONFORM TO SOILS REPORT RECOMMENDATIONS.

5. SOIL REPORT NOTE:
GRADING SHALL BE IN ACCORDANCE
WITH SOILS REPORT PREPARED BY:
ENGINEER: ACCESS CONSULTING ENGINEERS
PROJECT NO. 19-148
DATED: APRIL 20, 2019
6. CUT/FILL ESTIMATES
EXISTING TO FINISH GRADE ELEVATIONS
NET CUT: 683,527 CY
NET FILL: 709,294CY
7. FOR STORMWATER RUNOFF MANAGEMENT NOTES REFER TO SHEET N-1



DATE: August 01, 2019	REV	DESCRIPTION	BY	APPD	DATE
VERT. SCALE: 1"=50'					
VERT. SCALE: N/A					
DOWN BY: SC					
AW					
DESIGNED BY: CZ					
CHECKED BY: CZ					
APPROVED BY: CZ					
PROJECT #:					
3040.0957					

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PHONE: 702-736-9100 FAX: 702-736-9200

RCI ENGINEERING
500 SOUTH RANCHO DRIVE, SUITE 17, LAS VEGAS, NV 89106
PHONE: 702-453-0800 FAX: 702-453-0801

The logo for RCI Engineering, featuring the letters 'RCI' in a stylized, bold, sans-serif font. The 'R' and 'C' are connected, and the 'I' is separate. The letters are white and set against a dark, rectangular background.

IMPROVEMENT PLANS FOR
SUMMERLIN VILLAGE 24 PARCEL FGH
RED ROCK WASH IMPROVEMENTS
AND MASS GRADING
GRADING PLAN (SHEET 1 OF 26)



DATE: 9-1-19
 DRAWING
G-1
 SHT **3** OF **36**
 CLV DRAWING NUMBER
 CLV PROJECT # _____

I HEREBY CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY DS # _____ ON FILE WITH CITY OF LAS VEGAS FOR THIS PROJECT.

CHRISTOPHER R. ZRINYI, PE NO. 13976

DATE _____

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND OR OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION. CONTRACTOR TO NOTIFY ENGINEER OF ANY CHANGES OR DISCREPANCIES.

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CITY OF LAS VEGAS BENCHMARK 7LV09 34SW6

RIVET AND ROUND PLATE IN THE TOP OF CURB AT THE
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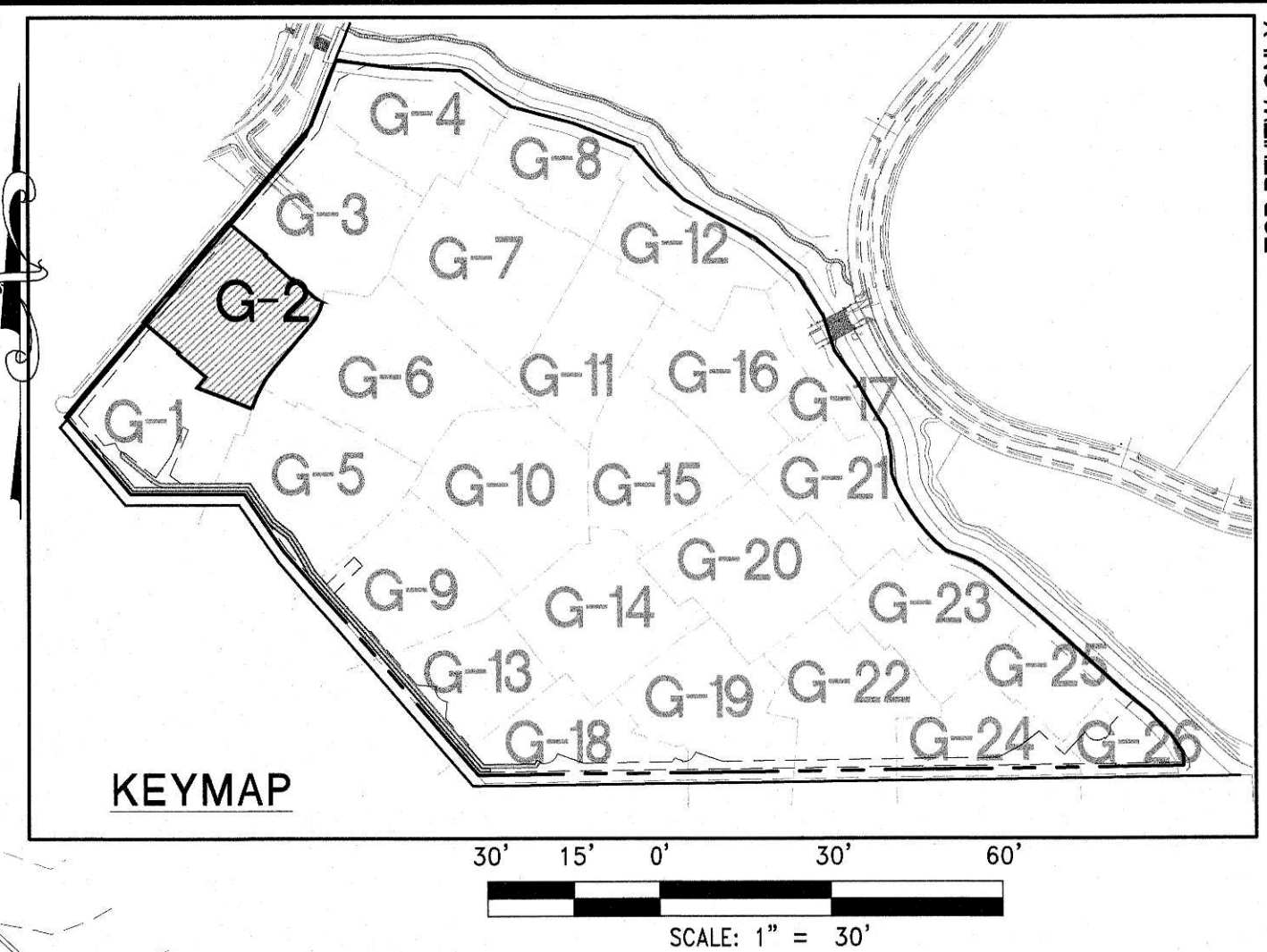
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AT THE CLARK COUNTY, NEVADA RECORDERS OFFICE

ACCORDING TO THE FEMA FLOOD INSURANCE RATE MAP (FIRM) COMMUNITY PANEL NUMBERS 32003C2150E AND 32003C2125E DATED SEPTEMBER 27, 2002, THE SITE IS LOCATED IN A ZONE "X".

OWNER RESPONSIBLE TO PROVIDE SURVEY MONUMENTATION AS REQUIRED BY CITY OF LAS VEGAS AND CLARK COUNTY UNIFORM STANDARD DRAWING NUMBER 243. OWNER IS ALSO RESPONSIBLE TO REPLACE ALL SURVEY MONUMENTATION DAMAGED, DESTROYED, OR OBSCURED DURING CONSTRUCTION.

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5. SOIL REPORT NOTE:
GRADING SHALL BE IN ACCORDANCE
WITH SOILS REPORT PREPARED BY:
ENGINEER: ACCESS CONSULTING ENGINEERS
PROJECT NO. 19-146
DATED: APRIL 20, 2019
6. CUT/FILL ESTIMATES
EXISTING TO FINISH GRADE ELEVATIONS
NET CUT: 683,597 CY
NET FILL: 709,294CY
7. FOR STORMWATER RUNOFF MANAGEMENT NOTES REFER TO SHEET N-1

- ① CONSTRUCT GRAVEL MAINTENANCE ROAD
2" CRUSHED ROCK/GRAVEL @ 95% COMPACTION
- ② CONSTRUCT CONCRETE CUT-OFF PROTECTION DEPTH VARIES
- ③ INSTALL LARGE ROCK GROUTED RIPRAP PER
DETAIL 22/D-2
- ④ INSTALL STORM DRAIN CAP PER DETAIL 20/D-2
- ⑤ INSTALL STORM DRAIN FLARED END PER DETAIL 21/D-2
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		IMPROVEMENT PLANS FOR SUMMERLIN VILLAGE 24 PARCEL FGH RED ROCK WASH IMPROVEMENTS AND MASS GRADING GRADING PLAN (SHEET 2 OF 26) CITY OF LAS VEGAS NEVADA		LENNAR® 9275 W. RUSSELL RD SUITE 400, LAS VEGAS, NV 89148 PHONE: (702) 736-9100 FAX: (702) 736-9200		RCI ENGINEERING 500 SOUTH MARINO DRIVE, SUITE 17, LAS VEGAS, NV 89106 PHONE: (702) 633-0060 FAX: (702) 633-0061		DATE: August 01, 2019 HORIZ. SCALE: 1"=30' VERT. SCALE: N/A DRAWN BY: SC DESIGNED BY: AW CHECKED BY: CZ APPROVED BY: CZ PROJECT #: 3940.0057		FOR REVIEW ONLY REV DESCRIPTION BY APPD DATE	
---	--	--	--	---	--	---	--	--	--	--	--

I HEREBY CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY DS # _____ ON FILE WITH CITY OF LAS VEGAS FOR THIS PROJECT

CHRISTOPHER R. ZRINYI, PE NO. 13976 DATE

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CITY OF LAS VEGAS BENCHMARK 7LV09 34SW6

RIVET AND ROUND PLATE IN THE TOP OF CURB AT THE
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ACCORDING TO THE FEMA FLOOD INSURANCE RATE MAP (FIRM) COMMUNITY PANEL NUMBERS 32003C2150E AND 32003C2125E DATED SEPTEMBER 27, 2002, THE SITE IS LOCATED IN A ZONE "X".

OWNER RESPONSIBLE TO PROVIDE SURVEY MONUMENTATION AS
REQUIRED BY CITY OF LAS VEGAS AND CLARK COUNTY UNIFORM
STANDARD DRAWING NUMBER 243. OWNER IS ALSO RESPONSIBLE TO
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OBSCURED DURING CONSTRUCTION.

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4. ALL GRADING SHALL CONFORM TO SOILS REPORT RECOMMENDATIONS.
5. SOIL REPORT NOTE:
GRADING SHALL BE IN ACCORDANCE
WITH SOILS REPORT PREPARED BY:
ENGINEER: ACCESS CONSULTING ENGINEERS
PROJECT NO. 18-148
DATED: APRIL 20, 2019
6. CUT/FILL ESTIMATES
EXISTING TO FINISH GRADE ELEVATIONS
NET CUT: 683,527 CY
NET FILL: 709,294CY
7. FOR STORMWATER RUNOFF MANAGEMENT NOTES REFER TO SHEET N-1

- ① CONSTRUCT GRAVEL MAINTENANCE ROAD
2" CRUSHED ROCK/GRAVEL @ 95% COMPACTION
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CHRISTOPHER R. ZRINYI, PE NO. 13976

DATE _____ CLV PROJECT # _____

REV	DESCRIPTION	BY	APPD	DATE
	DATE: August 01, 2019			
	HORIZ. SCALE: 1" = 30'			
	VERT. SCALE: N/A			
	DRAWN BY: SC			
	DESIGNED BY: AW			
	CHECKED BY: CZ			
	APPROVED BY: CZ			
	PROJECT #: 3048.0837			

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 9275 W. RUSSELL RD SUITE 400, LAS VEGAS, NV 89148
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RCI ENGINEERING
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 MAIN: 702.453.0800 FAX: 702.453.0801

IMPROVEMENT PLANS FOR
SUMMERLIN VILLAGE 24 PARCEL FGH
RED ROCK WASH IMPROVEMENTS
AND MASS GRADING
GRADING PLAN (SHEET 3 OF 26)



DATE: 8-1-19

DRAWING

G-3

SHT 5 OF 36

CLV DRAWING NUMBER

CLV PROJECT #

I:\3040_LEN\0057_Summerlin_103\CIVIL\IPS\RRCA MASS GRADING\50003_G-1.dwg crivera 8/01/19 10:49am

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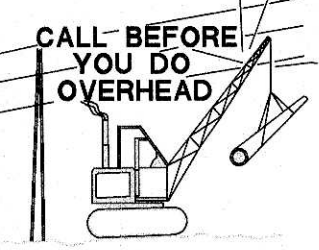
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FLOOD_ZONE NOTE

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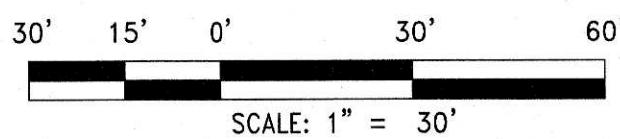
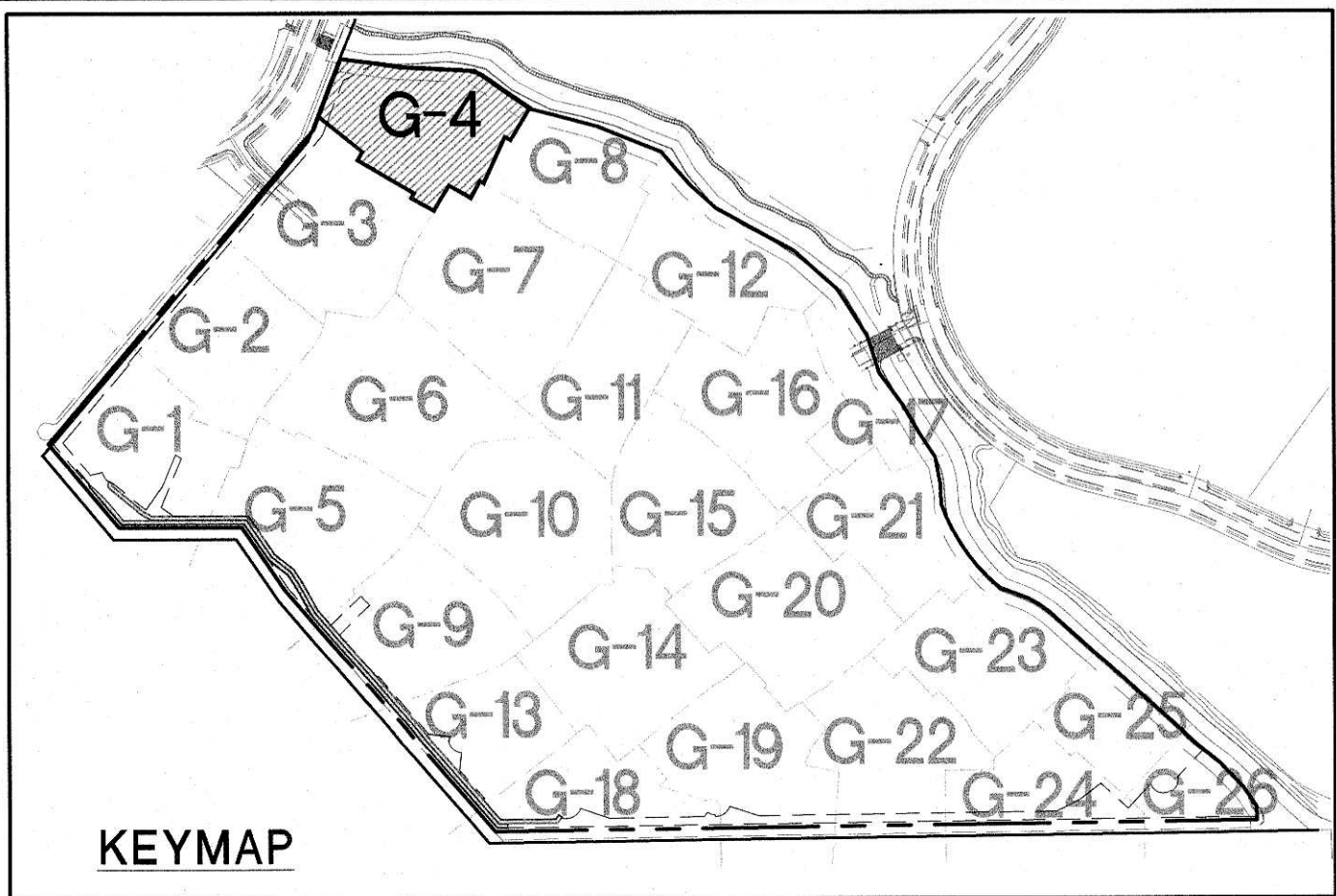
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ELEVATION = 3318.31 US SURVEY FEET (NAVD '88)

BASIS OF BEARINGS

NORTH 05°36'00" WEST, BEING THE BEARING OF THE WEST LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 33, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., AS SHOWN IN FILE 118, PAGE 100 OF PARCEL MAPS ON FILE AT THE CLARK COUNTY, NEVADA RECORDERS OFFICE



FOR REVIEW ONLY		DATE	BY	APPD	DESCRIPTION	REV
DATE:	August 01, 2019					
HORIZ. SCALE:	1"=30'					
VERT. SCALE:	N/A					
DRAWN BY:	SC					
DESIGNED BY:	AW					
CHECKED BY:	CZ					
APPROVED BY:						
PROJECT #:	3040.0057					

LENNAR
9275 W. RUSSELL RD SUITE 400, LAS VEGAS, NV 89148
PHONE: (702) 736-9100 FAX: (702) 736-9200

RCI ENGINEERING
500 SOUTH RANCHO DRIVE, SUITE 17, LAS VEGAS, NV 89106
PHONE: (702) 453-0800 FAX: (702) 453-0801

IMPROVEMENT PLANS FOR
SUMMERLIN VILLAGE 24 PARCEL FGH
RED ROCK WASH IMPROVEMENTS
AND MASS GRADING
GRADING PLAN (SHEET 4 OF 26)
CITY OF LAS VEGAS

PROFESSIONAL ENGINEER
CHRISTOPHER R. ZRINYI
Exp. 6/30/2020
CIVIL
No. 13976
DATE: 8-1-19

DRAWING
G-4
SHT 6 OF 36
CLV DRAWING NUMBER
CLV PROJECT #

I HEREBY CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY DIS #_____ ON FILE WITH CITY OF LAS VEGAS FOR THIS PROJECT.

CHRISTOPHER R. ZRINYI, PE NO. 13976 DATE

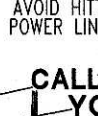
UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND OR OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION. CONTRACTOR TO NOTIFY ENGINEER OF ANY CHANGES OR DISCREPANCIES.

FAST

 **Call**
before you
UnderGround
1-702-432-5300
FREEWAY AND ARTERIAL
CONSTRUCTION

AVOID HITTING OVERHEAD
POWER LINES. IT'S COSTLY.

**CALL BEFORE
YOU DO
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1-702-227-2929

ACCORDING TO THE FEMA FLOOD INSURANCE RATE MAP (FIRM) COMMUNITY PANEL NUMBERS 32003C2150E AND 32003C2125E DATED SEPTEMBER 27, 2002, THE SITE IS LOCATED IN A ZONE "X".

OWNER RESPONSIBLE TO PROVIDE SURVEY MONUMENTATION AS
REQUIRED BY CITY OF LAS VEGAS AND CLARK COUNTY UNIFORM
STANDARD DRAWING NUMBER 243. OWNER IS ALSO RESPONSIBLE TO
REPLACE ALL SURVEY MONUMENTATION DAMAGED, DESTROYED, OR
OBSCURED DURING CONSTRUCTION.

- ① CONSTRUCT GRAVEL MAINTENANCE ROAD
2" CRUSHED ROCK/GRAVEL @ 95% COMPACTION
- ② CONSTRUCT CONCRETE CUT-OFF PROTECTION DEPTH VARIES
- ③ INSTALL LARGE ROCK GROUTED RIPRAP PER
DETAIL 22/D-2
- ④ INSTALL STORM DRAIN CAP PER DETAIL 20/D-2
- ⑤ INSTALL STORM DRAIN FLARED END PER DETAIL 21/D-2
- ⑥ EXISTING RIPRAP TO BE REMOVED

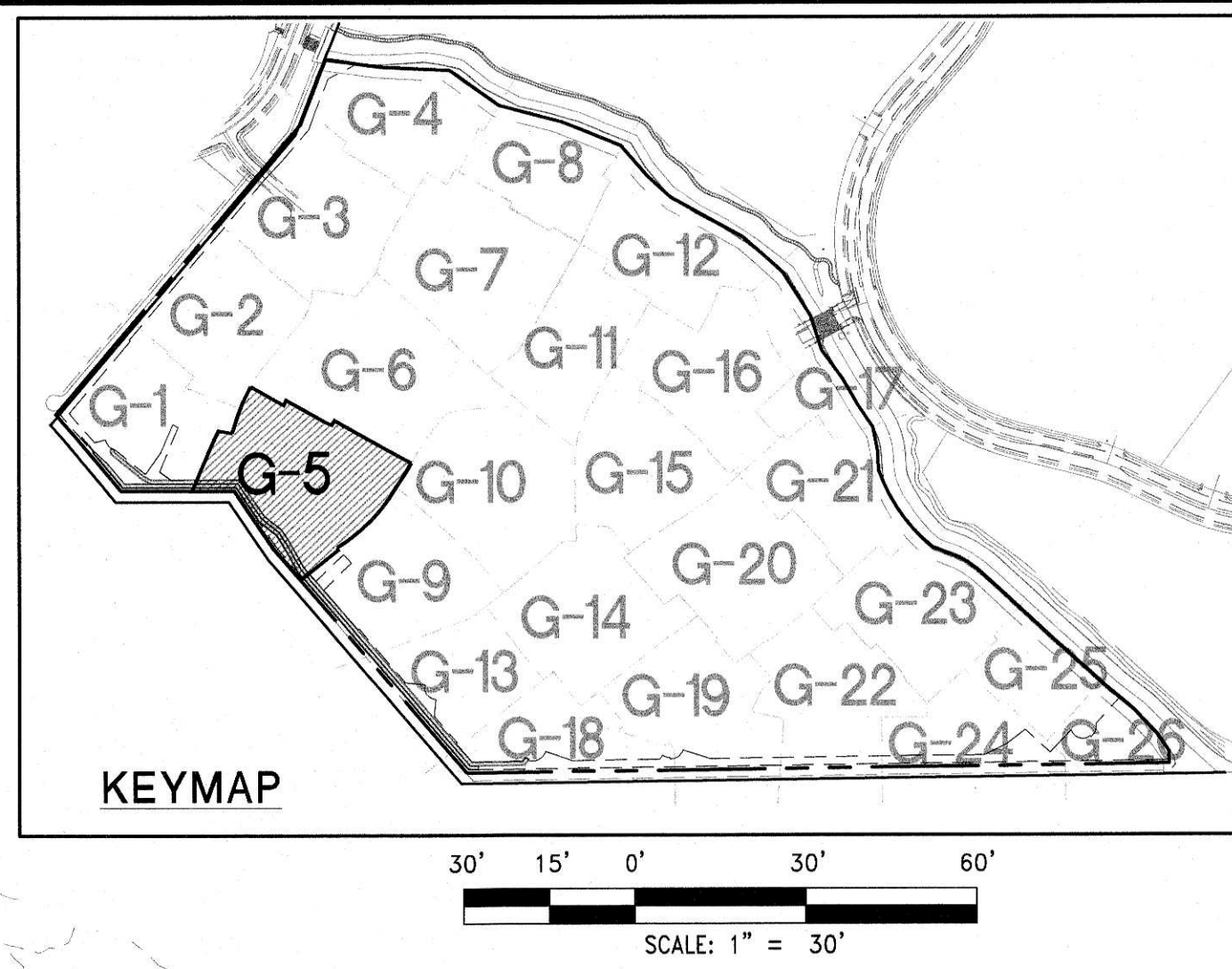
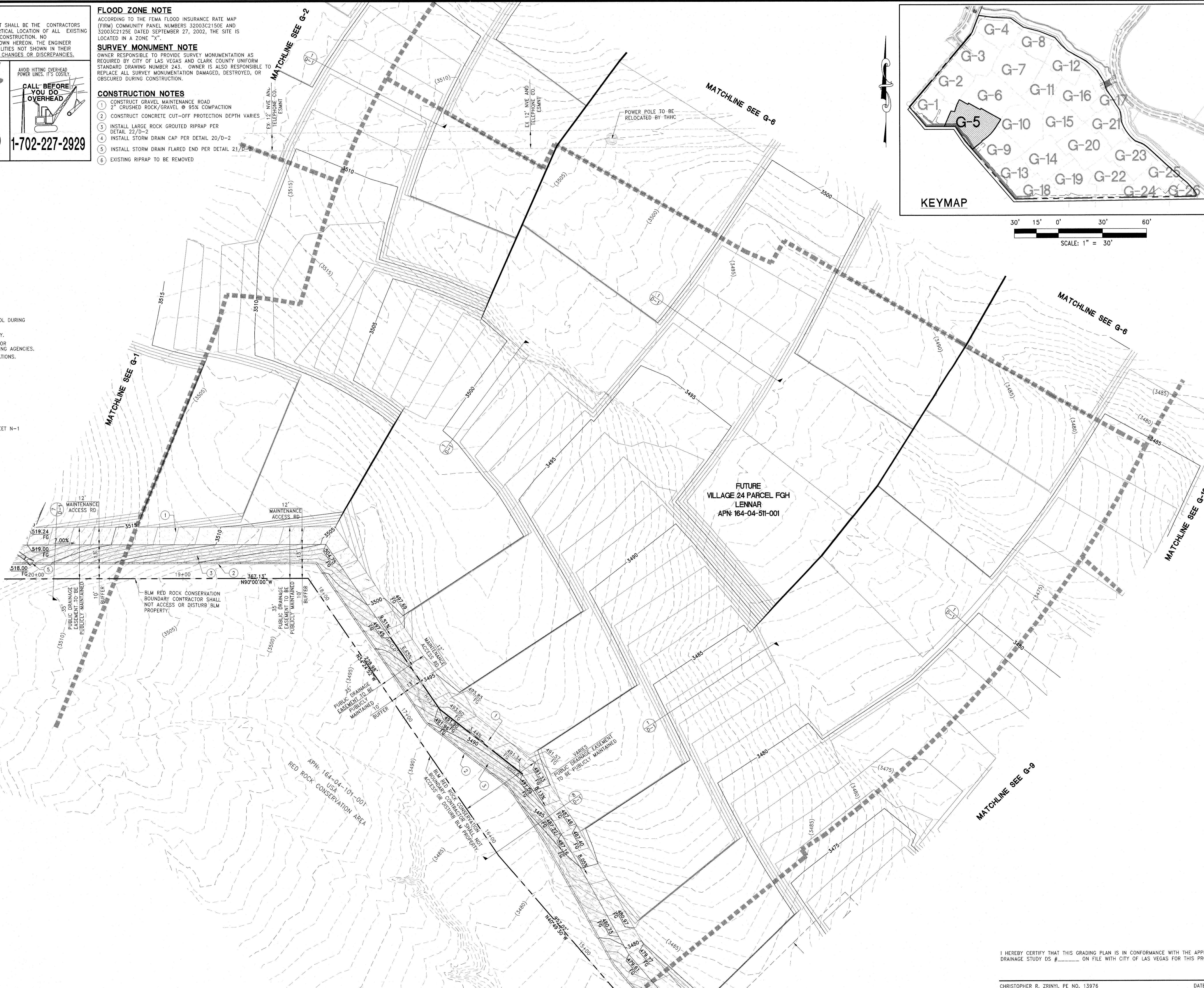
CITY OF LAS VEGAS BENCHMARK 7LV09 34SW6

RIVET AND ROUND PLATE IN THE TOP OF CURB AT THE
SOUTHEAST CORNER OF DESERT MOON RD. AND SKY VISTA
DR.

ELEVATION = 1011.422 METERS (NAVD '88)
ELEVATION = 3318.31 US SURVEY FEET (NAVD '88)

NORTH 05°36'00" WEST, BEING THE BEARING OF THE WEST LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 33, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., AS SHOWN IN FILE 118, PAGE 100 OF PARCEL MAPS ON FILE AT THE CLARK COUNTY, NEVADA RECORDERS OFFICE

1. CONTRACTOR IS RESPONSIBLE FOR DUST AND EROSION CONTROL DURING CONSTRUCTION.
2. ENGINEER TO BE NOTIFIED OF ANY DISCREPANCIES IMMEDIATELY.
3. THESE PLANS SHALL NOT, IN PART OR IN WHOLE, BE USED FOR CONSTRUCTION UNTIL APPROVED AND SIGNED BY THE GOVERNING AGENCIES.
4. ALL GRADING SHALL CONFORM TO SOILS REPORT RECOMMENDATIONS.
5. SOIL REPORT NOTE:
GRADING SHALL BE IN ACCORDANCE
WITH SOILS REPORT PREPARED BY
ENGINEER: ACCESS CONSULTING ENGINEERS
PROJECT NO. 19-146
DATED: APRIL 20, 2019
6. CUT/FILL ESTIMATES
EXISTING TO FINISH GRADE ELEVATIONS
NET CUT: 683.52 CY
NET FILL: 709.294 CY
7. FOR STORMWATER RUNOFF MANAGEMENT NOTES REFER TO SHEET N-1



I HEREBY CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY DS # _____ ON FILE WITH CITY OF LAS VEGAS FOR THIS PROJECT.

CHRISTOPHER R. ZRINYI, PE NO. 13976 DATE

SUMMERLIN VILLAGE 24 PARCEL FGH RED ROCK WASH IMPROVEMENTS AND MASS GRADING GRADING PLAN (SHEET 5 OF 26)		IMPROVEMENT PLANS FOR		LENNAR® 9275 W. RUSSELL RD SUITE 400, LAS VEGAS, NV 89148 PHONE: (702) 736-3100 FAX: (702) 736-9200 RCI ENGINEERING 500 SOUTH RANCHO DRIVE, SUITE 17, LAS VEGAS, NV 89106 MAIN: 702.453.0800 FAX: 702.453.0801 PROJECT #: 3940.0057	DATE: August 01, 2019	REV	DESCRIPTION	BY	APPD	DATE	
		HORIZ. SCALE:									
		VERT. SCALE:	N/A								
		DRAWN BY:	SC								
		DESIGNED BY:	AW								
		CHECKED BY:	CZ								
APPROVED BY:	CZ										
ED CT. CIVIL DRAWING NUMBER											

\\3040_LENR\0057_Summerlin_103\CIVIL\IPS\RCCA MASS GRADING\50003_G-1.dwg gsjterra 8/01/19 1:43pm

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND OR OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION. CONTRACTOR TO NOTIFY ENGINEER OF ANY CHANGES OR DISCREPANCIES.

FAST

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SYSTEM OF TRANSPORTATION

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1-702-227-2929

CITY OF LAS VEGAS BENCHMARK 7LV09 34SW6

RIVET AND ROUND PLATE IN THE TOP OF CURB AT THE
SOUTHEAST CORNER OF DESERT MOON RD. AND SKY VISTA
DR.

ELEVATION = 1011.422 METERS (NAVD '88)
ELEVATION = 3318.31 US SURVEY FEET (NAVD '88)

NORTH 05°36'00" WEST, BEING THE BEARING OF THE WEST LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 33, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., AS SHOWN IN FILE 118, PAGE 100 OF PARCEL MAPS ON FILE AT THE CLARK COUNTY, NEVADA RECORDERS OFFICE

FUTURE
VILLAGE 24 PARCEL FGH
LENNAR
APN: 164-04-511-001

1. CONTRACTOR IS RESPONSIBLE FOR DUST AND EROSION CONTROL DURING CONSTRUCTION.
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4. ALL GRADING SHALL CONFORM TO SOILS REPORT RECOMMENDATIONS.

5. SOIL REPORT NOTE:
GRADING SHALL BE IN ACCORDANCE
WITH SOILS REPORT PREPARED BY:
ENGINEER: ACCESS CONSULTING ENGINEERS
PROJECT NO. 19-148
DATED: APRIL 20, 2019

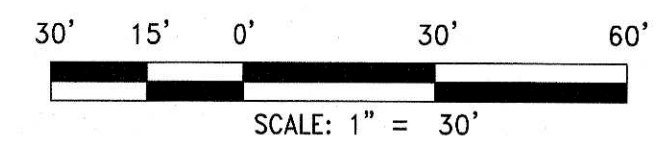
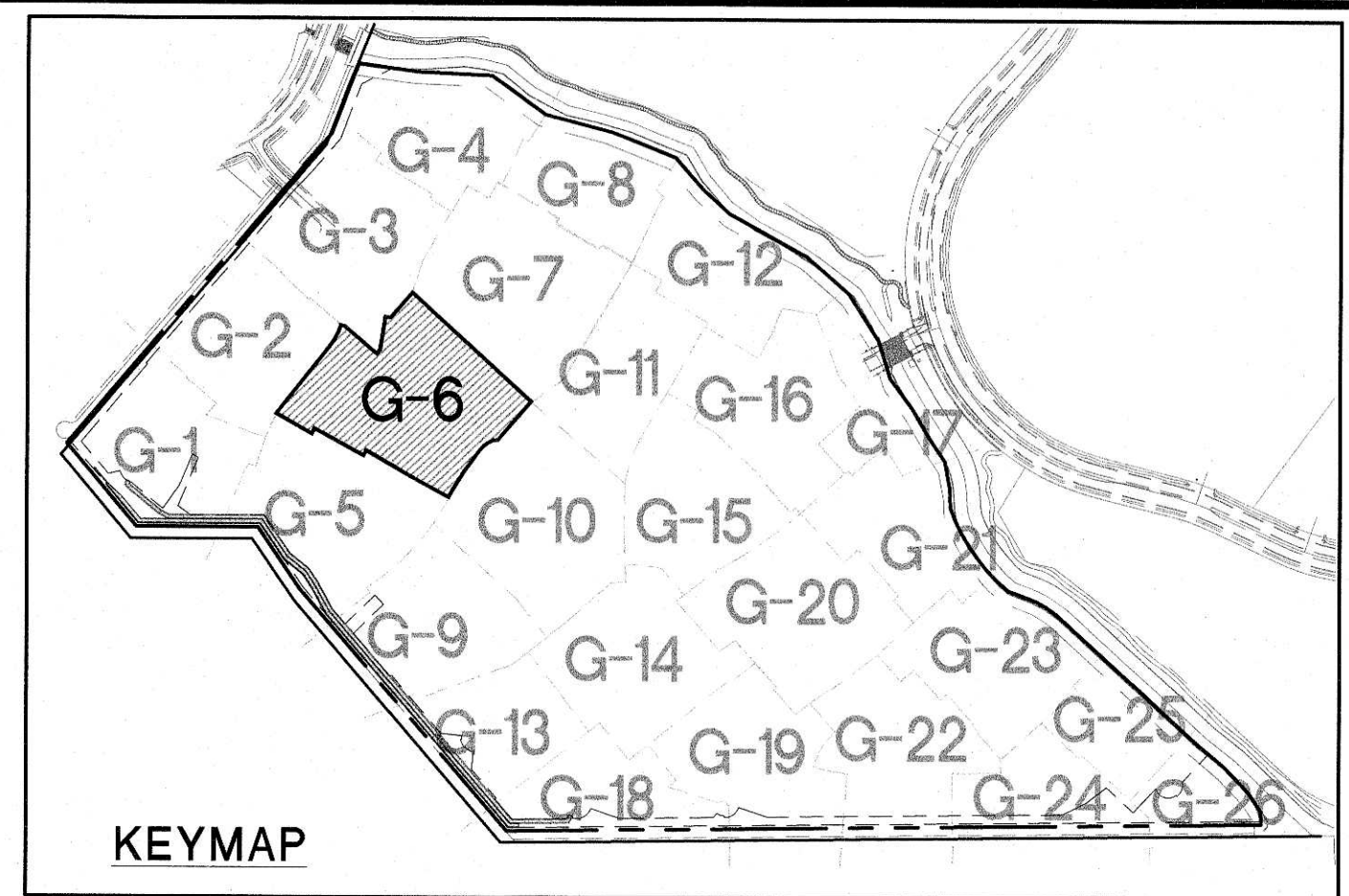
6. CUT/FILL ESTIMATES
EXISTING TO FINISH GRADE ELEVATIONS
NET CUT: 683,527 CY
NET FILL: 709,294CY

7. FOR STORMWATER RUNOFF MANAGEMENT NOTES REFER TO SHEET N-1

ACCORDING TO THE FEMA FLOOD INSURANCE RATE MAP (FIRM) COMMUNITY PANEL NUMBERS 32003C2150E AND 32003C2125E DATED SEPTEMBER 27, 2002, THE SITE IS LOCATED IN A ZONE "X".

OWNER RESPONSIBLE TO PROVIDE SURVEY MONUMENTATION AS
REQUIRED BY CITY OF LAS VEGAS AND CLARK COUNTY UNIFORM
STANDARD DRAWING NUMBER 243. OWNER IS ALSO RESPONSIBLE TO
REPLACE ALL SURVEY MONUMENTATION DAMAGED, DESTROYED, OR
OBSCURED DURING CONSTRUCTION.

1. CONSTRUCT ROCK MAINTENANCE ROAD
2" CRUSHED GRAVEL/GRAVEL @ 95% COMPACTION
2. CONSTRUCT CONCRETE CUT-OFF PROTECTION DEPTH VARIES
3. INSTALL LARGE ROCK GROUTED RIPRAP PER
DETAIL 22/D-2
4. INSTALL STORM DRAIN CAP PER DETAIL 20/D-2
5. INSTALL STORM DRAIN FLARED END PER DETAIL 21/D-2
6. EXISTING RIPRAP TO BE REMOVED



FOR REVIEW ONLY			
REV	DESCRIPTION	BY	DATE
	DATE: August 01, 2019		
	HORIZ. SCALE: 1"=30'		
	VERT. SCALE: N/A		
	DRAWN BY: SC		
	DESIGNED BY: AW		
	CHECKED BY: CZ		
	APPROVED BY: CZ		
	PROJECT #: 3040.0957		

LENNAR®
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PHONE: (702) 736-9100 FAX: (702) 736-9200

RCI ENGINEERING
1500 SOUTH RANCHO DRIVE, SUITE 17, LAS VEGAS, NV 89106
MAIN: 702.453.0800 FAX: 702.453.0801

SUMMERLIN VILLAGE 24 PARCEL FGH RED ROCK WASH IMPROVEMENTS AND MASS GRADING

GRADING PLAN (SHEET 6 OF 26)

NEVADA

0057_Summerlin-103-CIVIL-IPFS\RRCA MASS GRADING\00003_G-1.dwg crivera 8/01/19 10:55am

DRAWING
G-6
SHT 8 OF 36
CLV DRAWING NUMBER
CLV PROJECT # _____

I HEREBY CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY DS # _____ ON FILE WITH CITY OF LAS VEGAS FOR THIS PROJECT.

CHRISTOPHER R. ZRINYI, PE NO. 13976

DATE _____

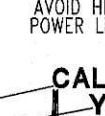
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FAST

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1-702-227-2929

CITY OF LAS VEGAS BENCHMARK 7LV09 34SW6

RIVET AND ROUND PLATE IN THE TOP OF CURB AT THE
SOUTHEAST CORNER OF DESERT MOON RD. AND SKY VISTA
DR.

ELEVATION = 1011.422 METERS (NAVD '88)
ELEVATION = 3318.31 US SURVEY FEET (NAVD '88)

NORTH 05°36'00" WEST, BEING THE BEARING OF THE WEST
LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION
33, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., AS
SHOWN IN FILE 118, PAGE 100 OF PARCEL MAPS ON FILE
AT THE CLARK COUNTY, NEVADA RECORDERS OFFICE

ACCORDING TO THE FEMA FLOOD INSURANCE RATE MAP (FIRM) COMMUNITY PANEL NUMBERS 32003C2150E AND 32003C2125E DATED SEPTEMBER 27, 2002, THE SITE IS LOCATED IN A ZONE "X".

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4. ALL GRADING SHALL CONFORM TO SOILS REPORT RECOMMENDATIONS.
5. SOIL REPORT NOTE:
GRADING SHALL BE IN ACCORDANCE
WITH SOILS REPORT PREPARED BY:
ENGINEER: ACCESS CONSULTING ENGINEERS
PROJECT NO. 19-146
DATED: APRIL 20, 2019
6. CUT/FILL ESTIMATES
EXISTING TO FINISH GRADE ELEVATIONS
NET CUT: 683.597' CY
NET FILL: 709.294CY
7. FOR STORMWATER RUNOFF MANAGEMENT NOTES REFER TO SHEET N-1

1. CONSTRUCT GRAVEL MAINTENANCE ROAD
2" CRUSHED ROCK/GRAVEL @ 95% COMPACTION
2. CONSTRUCT CONCRETE CUT-OFF PROTECTION DEPTH VARIES
3. INSTALL LARGE ROCK GROUTED RIPRAP PER
DETAIL 22/D-2
4. INSTALL STORM DRAIN CAP PER DETAIL 20/D-2
5. INSTALL STORM DRAIN FLARED END PER DETAIL 21/D-2
6. EXISTING RIPRAP TO BE REMOVED



I HEREBY CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY DS # _____ ON FILE WITH CITY OF LAS VEGAS FOR THIS PROJECT.

CHRISTOPHER R. ZRINYI, PE NO. 13976

DAT

[illegible]

0:\3040_LENR\0057_Summerlin_103_CIVIL_IPS\PRCA MASS GRADING\S0003_G-1.dwg crivera 8/01/19 10:58am

DISCLAIMER NOTE:

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UTILITY LINES. IT'S COSTLY.
**Call
811**
OR
1-800-227-2600

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ENGINEERS NOTES

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WITH SOILS REPORT PREPARED BY:
ENGINEER: ACCESS CONSULTING ENGINEERS
PROJECT NO. 19-148
DATED: APRIL 20, 2019
6. CUT/FILL ESTIMATES
EXISTING TO FINISH GRADE ELEVATIONS
NET CUT: 685,527 CY
NET FILL: 709,294CY
7. FOR STORMWATER RUNOFF MANAGEMENT NOTES REFER TO SHEET N-1

CONSTRUCTION NOTES

1. CONSTRUCT GRAVEL MAINTENANCE ROAD
2" CRUSHED ROCK/GRAVEL @ 95% COMPACTION
2. CONSTRUCT CONCRETE CUT-OFF PROTECTION DEPTH VARIES
3. INSTALL LARGE ROCK GROUTED RIPRAP PER
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5. INSTALL STORM DRAIN FLARED END PER DETAIL 21/D-2
6. EXISTING RIPRAP TO BE REMOVED

FLOOD ZONE NOTE

ACCORDING TO THE FEMA FLOOD INSURANCE RATE MAP (FIRM) COMMUNITY PANEL NUMBERS 32003C2150E AND 32003C2125E DATED SEPTEMBER 27, 2002, THE SITE IS LOCATED IN A ZONE "X".

SURVEY MONUMENT NOTE

OWNER RESPONSIBLE TO PROVIDE SURVEY MONUMENTATION AS REQUIRED BY CITY OF LAS VEGAS AND CLARK COUNTY UNIFORM STANDARD DRAWING NUMBER 243. OWNER IS ALSO RESPONSIBLE TO REPLACE ALL SURVEY MONUMENTATION DAMAGED, DESTROYED, OR OBTUSCURED DURING CONSTRUCTION.

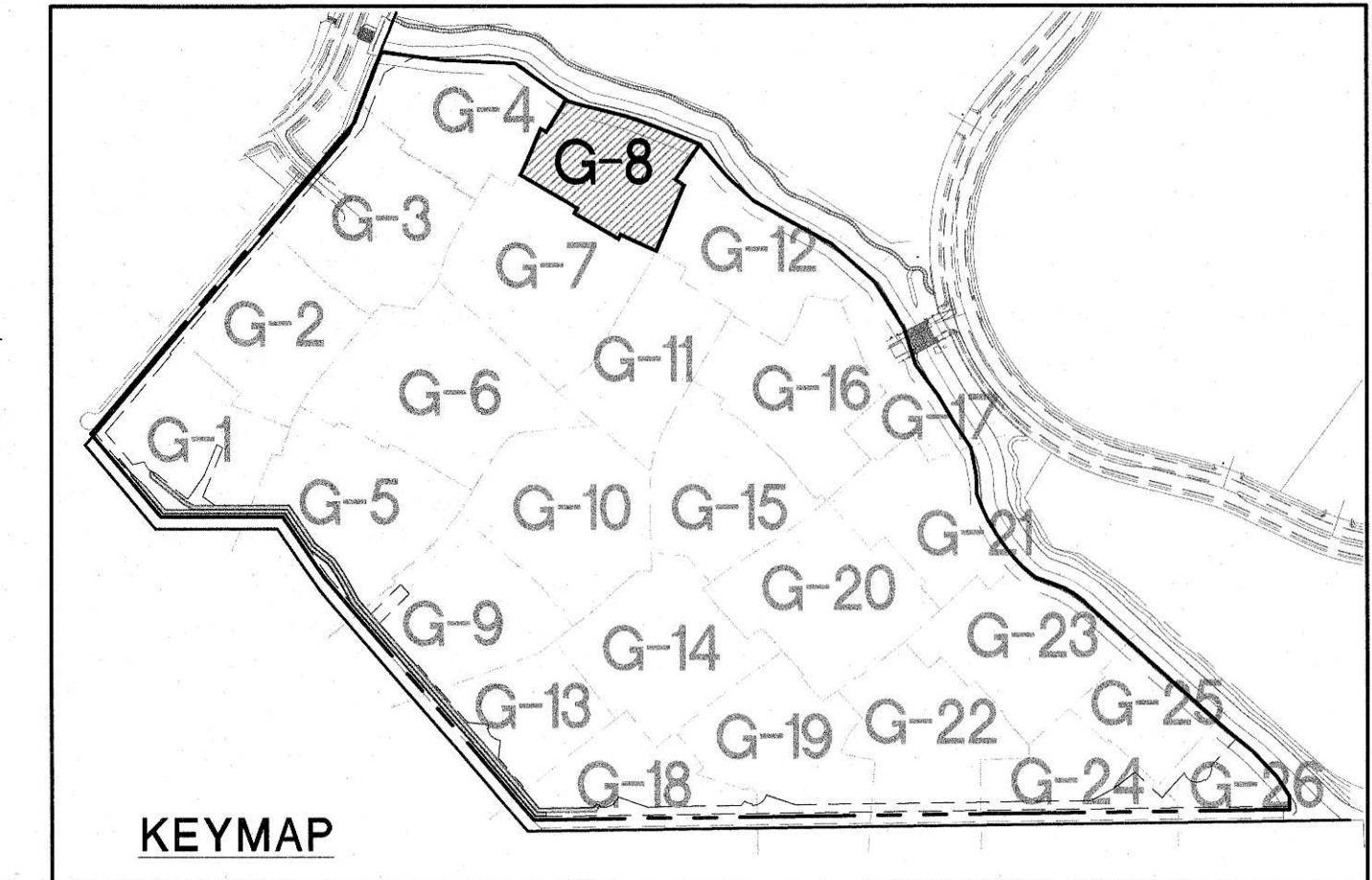
BENCHMARK

CITY OF LAS VEGAS BENCHMARK 7LV09 345W6
RIVET AND ROUND PLATE IN THE TOP OF CURB AT THE
SOUTHEAST CORNER OF DESERT MOON RD. AND SKY VISTA
DR.

ELEVATION = 1011.422 METERS (NAVD '88)
ELEVATION = 3318.31 US SURVEY FEET (NAVD '88)

BASIS OF BEARINGS

NORTH 05°36'00" WEST, BEING THE BEARING OF THE WEST
LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION
33, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., AS
SHOWN IN FILE 118, PAGE 100 OF PARCEL MAPS ON FILE
AT THE CLARK COUNTY, NEVADA RECORDERS OFFICE



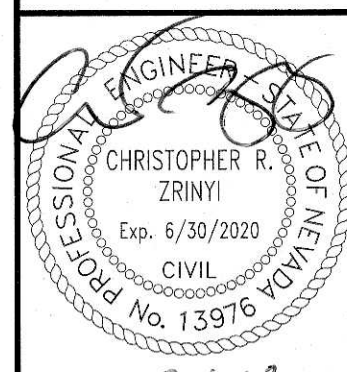
30' 15' 0' 30' 60'
SCALE: 1" = 30'



FOR REVIEW ONLY		DATE	BY	APPD	DESCRIPTION
REV					
DATE:	August 01, 2019				
HORIZ. SCALE:	1"=30'				
VERT. SCALE:	N/A				
DRAWN BY:	SC				
DESIGNED BY:	AW				
CHECKED BY:	CZ				
APPROVED BY:					
PROJECT #:	3040.0057				

LENNAR
9275 W. RUSSELL RD SUITE 400, LAS VEGAS, NV 89148
PHONE: (702) 736-9100 FAX: (702) 736-9200
RCI ENGINEERING
500 SOUTH RANCHO DRIVE, SUITE 17, LAS VEGAS, NV 89106
PHONE: (702) 453-0800 FAX: (702) 453-0801

IMPROVEMENT PLANS FOR
SUMMERLIN VILLAGE 24 PARCEL FGH
RED ROCK WASH IMPROVEMENTS
AND MASS GRADING
GRADING PLAN (SHEET 8 OF 26)
CITY OF LAS VEGAS



DATE: 8-1-19
DRAWING
G-8
SHT 10 OF 36
CLV DRAWING NUMBER
CLV PROJECT #

I HEREBY CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED
DRAINAGE STUDY DS #_____ ON FILE WITH CITY OF LAS VEGAS FOR THIS PROJECT.

CHRISTOPHER R. ZRINYI, PE NO. 13976 DATE

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FREEWAY AND ARTERIAL
SYSTEM OF TRANSPORTATION

CALL BEFORE
YOU DO
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POWER LINES. IT'S COSTLY.
1-702-227-2929

FLOOD ZONE NOTE

ACCORDING TO THE FEMA FLOOD INSURANCE RATE MAP (FIRM) COMMUNITY PANEL NUMBERS 32003C2150E AND 32003C2125E DATED SEPTEMBER 27, 2002, THE SITE IS LOCATED IN A ZONE "X".

SURVEY MONUMENT NOTE

OWNER RESPONSIBLE TO PROVIDE SURVEY MONUMENTATION AS REQUIRED BY CITY OF LAS VEGAS AND CLARK COUNTY UNIFORM STANDARD DRAWING NUMBER 245. OWNER IS ALSO RESPONSIBLE TO REPLACE ALL SURVEY MONUMENTATION DAMAGED, DESTROYED, OR OBSCURED DURING CONSTRUCTION.

CONSTRUCTION NOTES

1. CONSTRUCT GRAVEL MAINTENANCE ROAD
2. 2" CRUSHED ROCK/GRAVEL @ 95% COMPACTION
3. CONSTRUCT CONCRETE CUT-OFF PROTECTION DEPTH VARIES
4. INSTALL LARGE ROCK GROUTED RIPRAP PER DETAIL 22/D-2
5. INSTALL STORM DRAIN CAP PER DETAIL 20/D-2
6. INSTALL STORM DRAIN FLARED END PER DETAIL 21/D-2
7. EXISTING RIPRAP TO BE REMOVED

BENCHMARK

CITY OF LAS VEGAS BENCHMARK 7LV09 345W6

RIVET AND ROUND PLATE IN THE TOP OF CURB AT THE SOUTHEAST CORNER OF DESERT MOON RD. AND SKY VISTA DR.

ELEVATION = 1011.422 METERS (NAVD '88)
ELEVATION = 3318.31 US SURVEY FEET (NAVD '88)

BASIS OF BEARINGS

NORTH 05°36'00" WEST, BEING THE BEARING OF THE WEST LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 33, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., AS SHOWN IN FILE 118, PAGE 100 OF PARCEL MAPS ON FILE AT THE CLARK COUNTY, NEVADA RECORDERS OFFICE

ENGINEERS NOTES

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3. THESE PLANS SHALL NOT, IN PART OR IN WHOLE, BE USED FOR CONSTRUCTION UNTIL APPROVED AND SIGNED BY THE GOVERNING AGENCIES.
4. ALL GRADING SHALL CONFORM TO SOILS REPORT RECOMMENDATIONS.
5. SOIL REPORT NOTE:
GRADING SHALL BE IN ACCORDANCE
WITH SOILS REPORT PREPARED BY:
ENGINEER: ACCESS CONSULTING ENGINEERS
PROJECT NO. 19-148
DATED: APRIL 20, 2019
6. CUT/FILL ESTIMATES
EXISTING TO FINISH GRADE ELEVATIONS
NET CUT: 985,527 CY
NET FILL: 709,294CY
7. FOR STORMWATER RUNOFF MANAGEMENT NOTES REFER TO SHEET N-1

FLOOD ZONE NOTE

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CONSTRUCTION NOTES

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3. CONSTRUCT CONCRETE CUT-OFF PROTECTION DEPTH VARIES
4. INSTALL LARGE ROCK GROUTED RIPRAP PER DETAIL 22/D-2
5. INSTALL STORM DRAIN CAP PER DETAIL 20/D-2
6. INSTALL STORM DRAIN FLARED END PER DETAIL 21/D-2
7. EXISTING RIPRAP TO BE REMOVED

BENCHMARK

CITY OF LAS VEGAS BENCHMARK 7LV09 345W6

RIVET AND ROUND PLATE IN THE TOP OF CURB AT THE SOUTHEAST CORNER OF DESERT MOON RD. AND SKY VISTA DR.

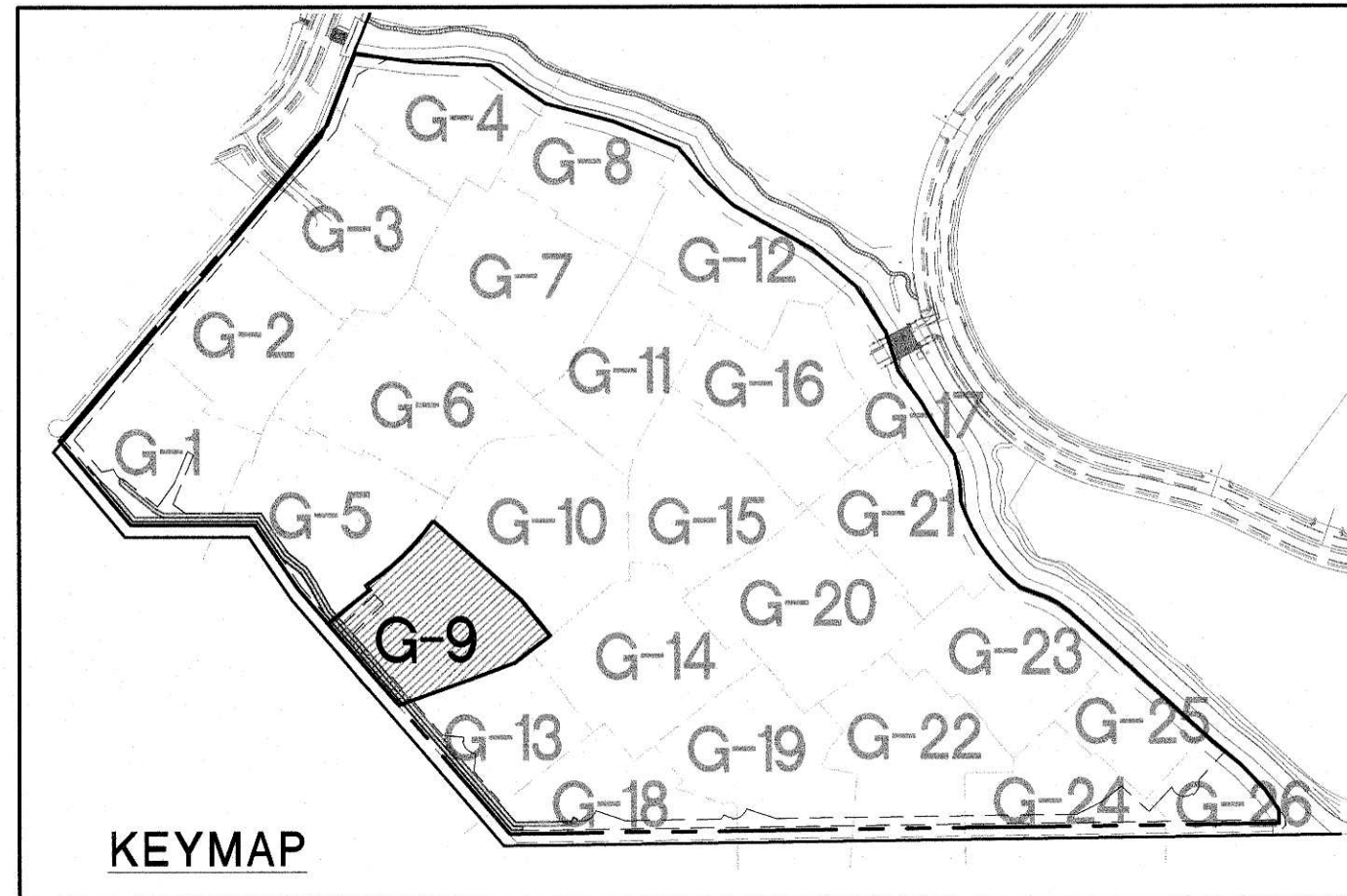
ELEVATION = 1011.422 METERS (NAVD '88)
ELEVATION = 3318.31 US SURVEY FEET (NAVD '88)

BASIS OF BEARINGS

NORTH 05°36'00" WEST, BEING THE BEARING OF THE WEST LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 33, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., AS SHOWN IN FILE 118, PAGE 100 OF PARCEL MAPS ON FILE AT THE CLARK COUNTY, NEVADA RECORDERS OFFICE

ENGINEERS NOTES

1. CONTRACTOR IS RESPONSIBLE FOR DUST AND EROSION CONTROL DURING CONSTRUCTION.
2. ENGINEER TO BE NOTIFIED OF ANY DISCREPANCIES IMMEDIATELY.
3. THESE PLANS SHALL NOT, IN PART OR IN WHOLE, BE USED FOR CONSTRUCTION UNTIL APPROVED AND SIGNED BY THE GOVERNING AGENCIES.
4. ALL GRADING SHALL CONFORM TO SOILS REPORT RECOMMENDATIONS.
5. SOIL REPORT NOTE:
GRADING SHALL BE IN ACCORDANCE
WITH SOILS REPORT PREPARED BY:
ENGINEER: ACCESS CONSULTING ENGINEERS
PROJECT NO. 19-148
DATED: APRIL 20, 2019
6. CUT/FILL ESTIMATES
EXISTING TO FINISH GRADE ELEVATIONS
NET CUT: 985,527 CY
NET FILL: 709,294CY
7. FOR STORMWATER RUNOFF MANAGEMENT NOTES REFER TO SHEET N-1



30' 15' 0' 30' 60'
SCALE: 1" = 30'

FOR REVIEW ONLY		DATE	BY	APPROVED
REV	DESCRIPTION			
1	DATE: August 01, 2019			
2	HORIZ. SCALE: 1"=30'			
3	VERT. SCALE: N/A			
4	DRAWN BY: SC			
5	DESIGNED BY: AY			
6	CHECKED BY: CZ			
7	APPROVED BY: 3040.0057			
8	PROJECT #:			

LENNAR
9275 W. RUSSELL RD SUITE 400 LAS VEGAS, NV 89148
PHONE: (702) 736-9100 FAX: (702) 736-9200
RCI ENGINEERING
500 SOUTH BANGOR DRIVE, SUITE 17, LAS VEGAS, NV 89106
PHONE: (702) 453-0800 FAX: (702) 453-0801

IMPROVEMENT PLANS FOR
SUMMERLIN VILLAGE 24 PARCEL FGH
RED ROCK WASH IMPROVEMENTS
AND MASS GRADING
GRADING PLAN (SHEET 9 OF 26)
CITY OF LAS VEGAS
NEVADA

PROFESSIONAL ENGINEER
CHRISTOPHER R. ZRINYI
Exp. 6/30/2020
No. 13976
DATE: 8-1-19
DRAWING
G-9
SHT 11 OF 36
CLV DRAWING NUMBER
CLV PROJECT #

I HEREBY CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY DS #_____ ON FILE WITH CITY OF LAS VEGAS FOR THIS PROJECT.

CHRISTOPHER R. ZRINYI, PE NO. 13976

DATE

DISCLAIMER NOTE:

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND OR OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION. CONTRACTOR TO NOTIFY ENGINEER OF ANY CHANGES OR DISCREPANCIES.

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OR
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FAST
Call before you UnderGround
1-702-432-5300
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AVOID HITTING OVERHEAD POWER LINES. IT'S COSTLY.
CALL BEFORE YOU DO OVERHEAD
1-702-227-2929

BENCHMARK

CITY OF LAS VEGAS BENCHMARK 7LV09 34SW6
RIVET AND ROUND PLATE IN THE TOP OF CURB AT THE SOUTHEAST CORNER OF DESERT MOON RD. AND SKY VISTA DR.

ELEVATION = 1011.422 METERS (NAVD '88)
ELEVATION = 3318.51' US SURVEY FEET (NAVD '88)

BASIS OF BEARINGS

NORTH 05°36'00" WEST, BEING THE BEARING OF THE WEST LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 33, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., AS SHOWN IN FILE 118, PAGE 100 OF PARCEL MAPS ON FILE AT THE CLARK COUNTY, NEVADA RECORDERS OFFICE

FLOOD ZONE NOTE

ACCORDING TO THE FEMA FLOOD INSURANCE RATE MAP (FIRM) COMMUNITY PANEL NUMBERS 32003C2150E AND 32003C2125E DATED SEPTEMBER 27, 2002, THE SITE IS LOCATED IN A ZONE "X".

SURVEY MONUMENT NOTE

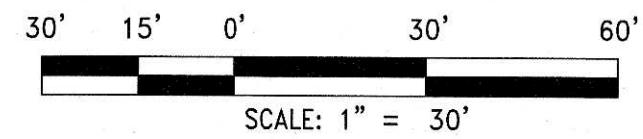
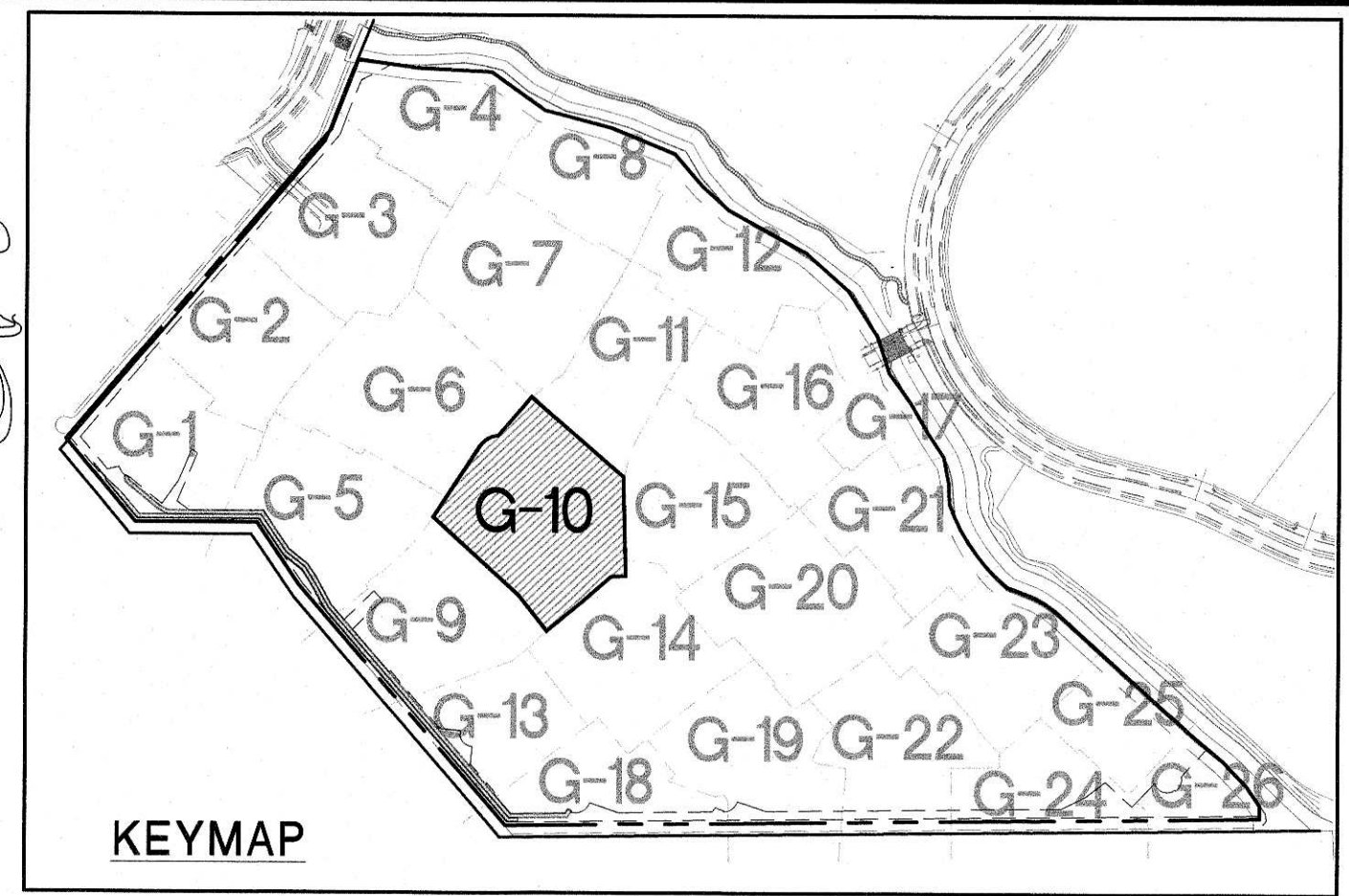
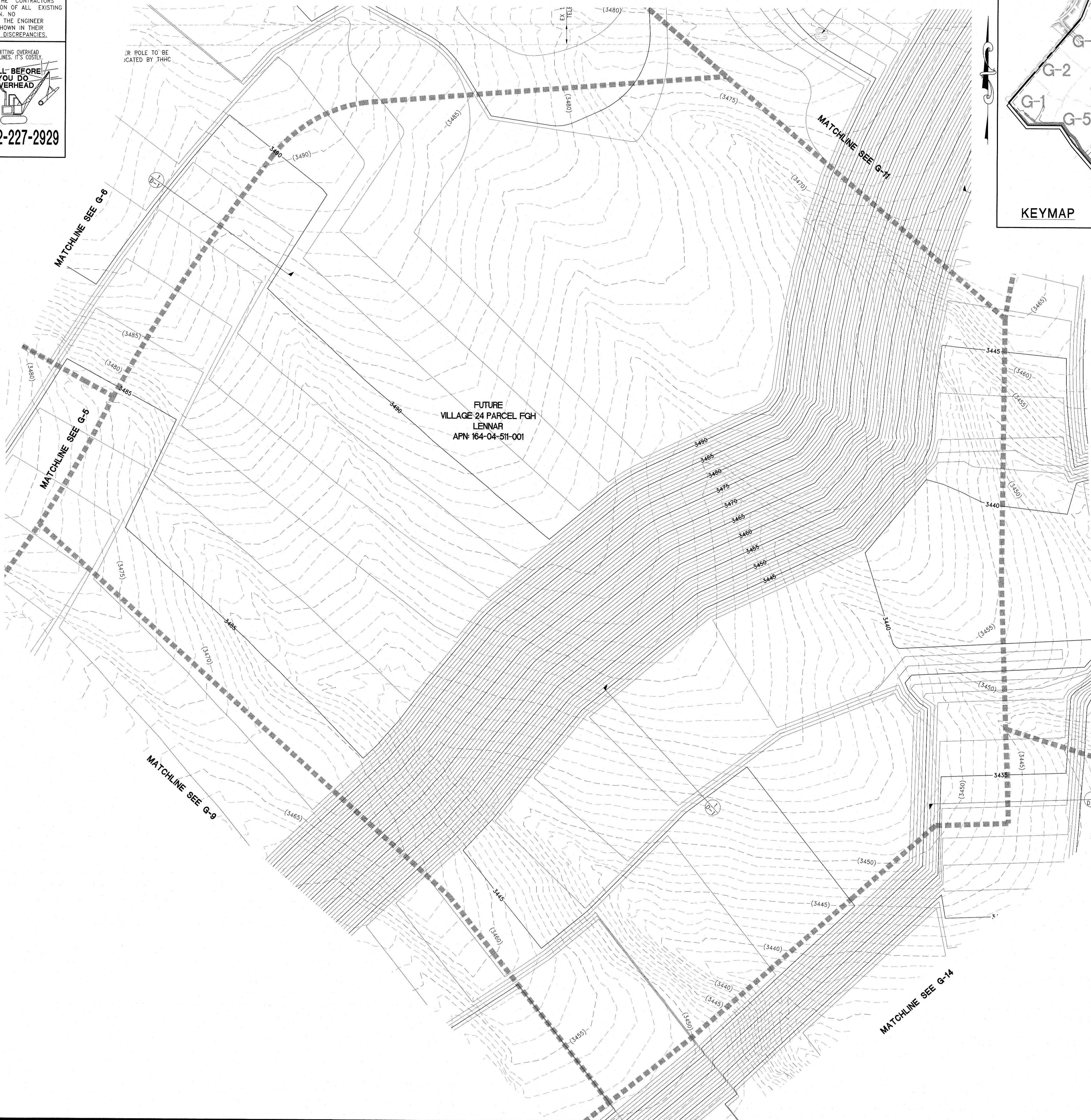
OWNER RESPONSIBLE TO PROVIDE SURVEY MONUMENTATION AS REQUIRED BY CITY OF LAS VEGAS AND CLARK COUNTY UNIFORM STANDARD DRAWING NUMBER 243. OWNER IS ALSO RESPONSIBLE TO REPLACE ALL SURVEY MONUMENTATION DAMAGED, DESTROYED, OR OBSCURED DURING CONSTRUCTION.

ENGINEERS NOTES

- CONTRACTOR IS RESPONSIBLE FOR DUST AND EROSION CONTROL DURING CONSTRUCTION.
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- ALL GRADING SHALL CONFORM TO SOILS REPORT RECOMMENDATIONS.
- SOIL REPORT NOTE:
GRADING SHALL BE IN ACCORDANCE WITH SOILS REPORT PREPARED BY:
ENGINEER: ACCESS CONSULTING ENGINEERS
PROJECT NO. 19-148
DATED: APRIL 20, 2019
- CUT/FILL ESTIMATES
EXISTING TO FINISH GRADE ELEVATIONS
NET CUT: 683.52 CY
NET FILL: 709.294 CY
- FOR STORMWATER RUNOFF MANAGEMENT NOTES REFER TO SHEET N-1

CONSTRUCTION NOTES

- CONSTRUCT GRAVEL MAINTENANCE ROAD
- 2" CRUSHED ROCK/GRAVEL @ 95% COMPACTION
- CONSTRUCT CONCRETE CUT-OFF PROTECTION DEPTH VARIES
- INSTALL LARGE ROCK GROUTED RIPRAP PER DETAIL 22/D-2
- INSTALL STORM DRAIN CAP PER DETAIL 20/D-2
- INSTALL STORM DRAIN FLARED END PER DETAIL 21/D-2
- EXISTING RIPRAP TO BE REMOVED



MATCHLINE SEE G-15

MATCHLINE SEE G-14

I HEREBY CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY DS #_____ ON FILE WITH CITY OF LAS VEGAS FOR THIS PROJECT.

CHRISTOPHER R. ZRINYI, PE NO. 13976

DATE

FOR REVIEW ONLY		DESCRIPTION	REV	DATE
DATE	AUGUST 01, 2019			
HORIZ. SCALE:	1" = 30'			
VERT. SCALE:	N/A			
DRAWN BY:	SC			
DESIGNED BY:	AW			
CHECKED BY:	CZ			
APPROVED BY:	CZ			
PROJECT #:	3040.0057			

LENNAR
9275 W. RUSSELL RD. SUITE 400, LAS VEGAS, NV 89148
PHONE (702) 756-9100 FAX: (702) 756-9200

RCI ENGINEERING
500 SOUTH RANCHO DRIVE, SUITE 17, LAS VEGAS, NV 89106
MAIL: 702.633.0800 FAX: 702.453.0801

IMPROVEMENT PLANS FOR
SUMMERLIN VILLAGE 24 PARCEL FGH
RED ROCK WASH IMPROVEMENTS
AND MASS GRADING
GRADING PLAN (SHEET 10 OF 26)
CITY OF LAS VEGAS

PROFESSIONAL ENGINEER
CHRISTOPHER R. ZRINYI
Exp. 6/30/2020
CIVIL
No. 13976
DATE: 8-1-19
DRAWING
G-10
SHEET 12 OF 36
CLV DRAWING NUMBER
CLV PROJECT #

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FREeway AND ARTERIAL
SYSTEM OF TRANSPORTATION

CITY OF LAS VEGAS BENCHMARK 7LV09 34SW6

RIVET AND ROUND PLATE IN THE TOP OF CURB AT THE
SOUTHEAST CORNER OF DESERT MOON RD. AND SKY VISTA
DR.

ELEVATION = 1011.422 METERS (NAVD '88)
ELEVATION = 3318.31 US SURVEY FEET (NAVD '88)

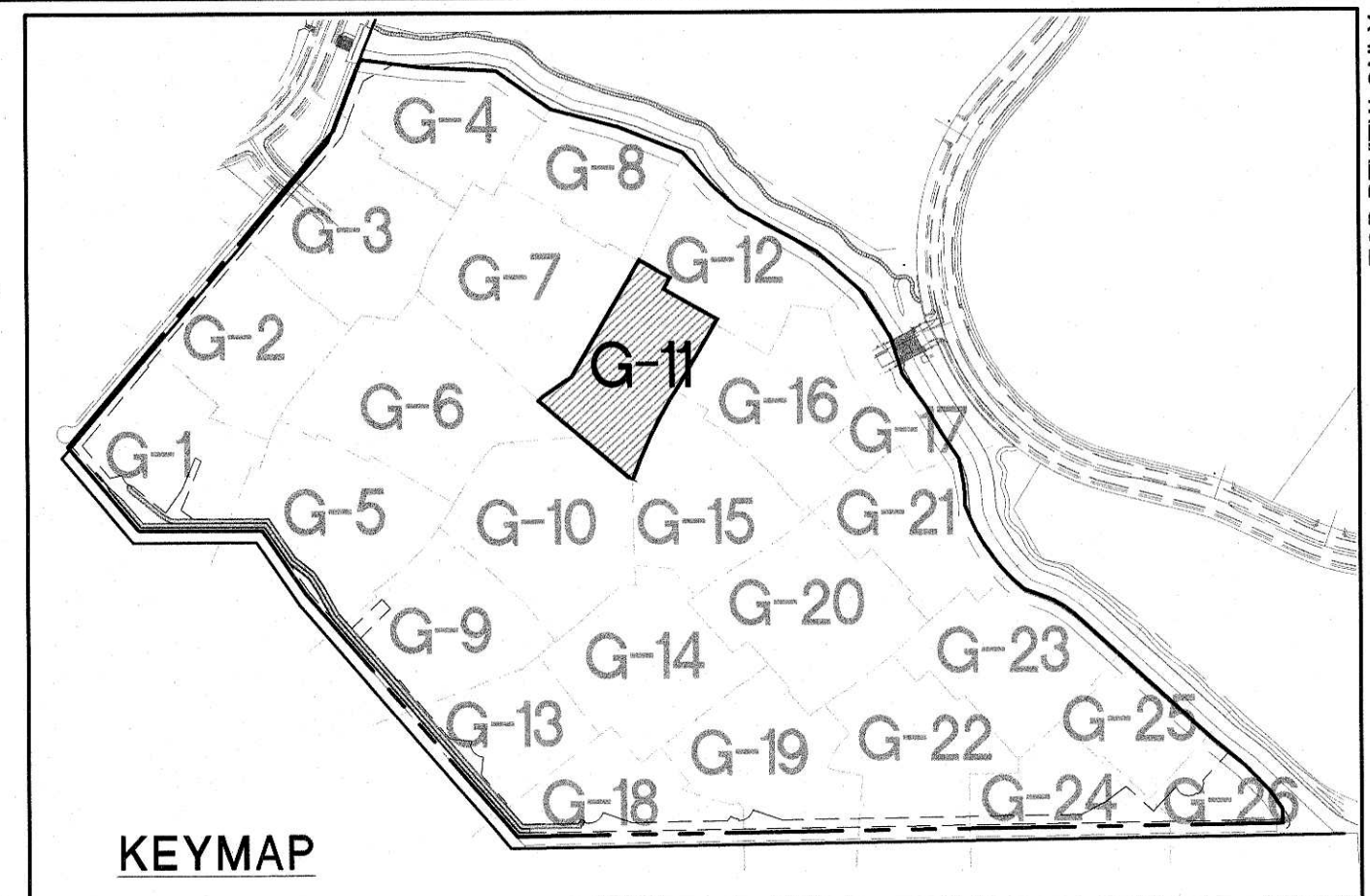
NORTH 05°36'00" WEST, BEING THE BEARING OF THE WEST
LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION
33, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., AS
SHOWN IN FILE 118, PAGE 100 OF PARCEL MAPS ON FILE
AT THE CLARK COUNTY, NEVADA RECORDERS OFFICE

ACCORDING TO THE FEMA FLOOD INSURANCE RATE MAP (FIRM) COMMUNITY PANEL NUMBERS 32003C2150E AND 32003C2125E DATED SEPTEMBER 27, 2002, THE SITE IS LOCATED IN A ZONE "X".

OWNER RESPONSIBLE TO PROVIDE SURVEY MONUMENTATION AS
REQUIRED BY CITY OF LAS VEGAS AND CLARK COUNTY UNIFORM
STANDARD DRAWING NUMBER 243. OWNER IS ALSO RESPONSIBLE TO
REPLACE ALL SURVEY MONUMENTATION DAMAGED, DESTROYED, OR
OBSCURED DURING CONSTRUCTION.

1. CONTRACTOR IS RESPONSIBLE FOR DUST AND EROSION CONTROL DURING CONSTRUCTION.
2. ENGINEER TO BE NOTIFIED OF ANY DISCREPANCIES IMMEDIATELY.
3. THESE PLANS SHALL NOT, IN PART OR IN WHOLE, BE USED FOR CONSTRUCTION UNTIL APPROVED AND SIGNED BY THE GOVERNING AGENCIES.
4. ALL GRADING SHALL CONFORM TO SOILS REPORT RECOMMENDATIONS.
5. SOIL REPORT NOTE:
GRADING SHALL BE IN ACCORDANCE
WITH SOILS REPORT PREPARED BY:
ENGINEER: ACCESS CONSULTING ENGINEERS
PROJECT NO. 18-148
DATED: APRIL 20, 2019
6. CUT/FILL ESTIMATES
EXISTING TO FINISH GRADE ELEVATIONS
NET CUT: 683,327 CY
NET FILL: 709,294CY
7. FOR STORMWATER RUNOFF MANAGEMENT NOTES REFER TO SHEET N-1

- ① CONSTRUCT GRAVEL MAINTENANCE ROAD
2" CRUSHED ROCK/GRAVEL @ 95% COMPACTION
- ② CONSTRUCT CONCRETE CUT-OFF PROTECTION DEPTH VARIES
- ③ INSTALL LARGE ROCK GROUTED RIPRAP PER
DETAIL 22/D-2
- ④ INSTALL STORM DRAIN CAP PER DETAIL 20/D-2
- ⑤ INSTALL STORM DRAIN FLARED END PER DETAIL 21/D-2
- ⑥ EXISTING RIPRAP TO BE REMOVED



30' 15' 0' 30' 60'

SCALE: 1" = 30'

DATE:	REV	DESCRIPTION	BY	APPROD	DATE
DATE: August 01, 2019					
HORIZ. SCALE: 1"=50'					
VERT. SCALE: N/A					
PLAN: BY: SC					
DESIGNED BY: AW					
CHECKED BY: CZ					
APPROVED BY: CZ					
PROJECT #:					
3040.0057					

LENNAR®
9275 W. RUSSELL RD SUITE 400, LAS VEGAS, NV 89148
PHONE: (703) 726-0100 FAX: (703) 726-0300

RCI ENGINEERING
500 SOUTH RANCHO DRIVE, SUITE 17, LAS VEGAS, NV 89106
MAIN: 702.453.0800 FAX: 702.453.0801

IMPROVEMENT PLANS FOR
SUMMERLIN VILLAGE 24 PARCEL FGH
RED ROCK WASH IMPROVEMENTS
AND MASS GRADING

GRADING PLAN (SHEET 11 OF 26)

NEVADA


 DATE: 8-1-19

DATE: 8-1-19

G-11

SHT **13** OF **36**
CLV DRAWING NUMBER

CLV PROJECT # _____

I HEREBY CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY DS #_____ ON FILE WITH CITY OF LAS VEGAS FOR THIS PROJECT.

CHRISTOPHER R. ZRINYI, PE NO. 13976

DATE _____

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FREEWAY AND ARTERIAL
DIVISION OF TRANSPORTATION

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CITY OF LAS VEGAS BENCHMARK 7LV09 34SW6

RIVET AND ROUND PLATE IN THE TOP OF CURB AT THE
SOUTHEAST CORNER OF DESERT MOON RD. AND SKY VISTA
DR.

ELEVATION = 1011.422 METERS (NAVD '88)
ELEVATION = 3318.31 US SURVEY FEET (NAVD '88)

NORTH 05°36'00" WEST, BEING THE BEARING OF THE WEST
LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION
33, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., AS
SHOWN IN FILE 118, PAGE 100 OF PARCEL MAPS ON FILE
AT THE CLARK COUNTY, NEVADA RECORDERS OFFICE

ACCORDING TO THE FEMA FLOOD INSURANCE RATE MAP (FIRM) COMMUNITY PANEL NUMBERS 32003C2150E AND 32003C2125E DATED SEPTEMBER 27, 2002, THE SITE IS LOCATED IN A ZONE "X".

OWNER RESPONSIBLE TO PROVIDE SURVEY MONUMENTATION AS REQUIRED BY CITY OF LAS VEGAS AND CLARK COUNTY UNIFORM STANDARD DRAWING NUMBER 243. OWNER IS ALSO RESPONSIBLE TO REPLACE ALL SURVEY MONUMENTATION DAMAGED, DESTROYED, OR OBSCURED DURING CONSTRUCTION.

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4. ALL GRADING SHALL CONFORM TO SOILS REPORT RECOMMENDATIONS.
5. SOIL REPORT NOTE.
DISCREPANCY SHALL BE IN ACCORDANCE
WITH SOILS REPORT PREPARED BY:
ENGINEER: ACCESS CONSULTING ENGINEERS
PROJECT NO. 19-148
DATED: APRIL 20, 2019
6. CUT/FILL ESTIMATES
EXISTING TO FINISH GRADE ELEVATIONS
NET CUT: 683,527 CY
NET FILL: 709,294CY
7. FOR STORMWATER RUNOFF MANAGEMENT NOTES REFER TO SHEET N-1

- ① CONSTRUCT ROCK MAINTENANCE ROAD
2" CRUSHED GRAVEL/GRAVEL @ 95% COMPACTION
- ② CONSTRUCT CONCRETE CUT-OFF PROTECTION DEPTH VARIES
- ③ INSTALL LARGE ROCK GROUTED RIPRAP PER
DETAIL 22/D-2
- ④ INSTALL STORM DRAIN CAP PER DETAIL 20/D-2
- ⑤ INSTALL STORM DRAIN FLARED END PER DETAIL 21/D-2
- ⑥ EXISTING RIPRAP TO BE REMOVED



I HEREBY CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY DS # _____ ON FILE WITH CITY OF LAS VEGAS FOR THIS PROJECT.

CHRISTOPHER R. ZRINYI, PE NO. 13976

DATE _____

	IMPROVEMENT PLANS FOR SUMMERLIN VILLAGE 24 PARCEL FGH RED ROCK WASH IMPROVEMENTS AND MASS GRADING GRADING PLAN (SHEET 12 OF 26) CITY OF LAS VEGAS		LENNAR® 9275 W. RUSSELL RD SUITE 400, LAS VEGAS, NV 89148 PHONE: (702) 736-9100 FAX: (702) 736-9200		DATE: August 01, 2019 HORIZ. SCALE: 1"=30' VERT. SCALE: N/A DRAWN BY: SC DESIGNED BY: AW CHECKED BY: CZ APPROVED BY: CZ PROJECT #: 3040.00827
	DATE: 9-1-19 DRAWING G-12 SHEET 14 OF 36 CLV DRAWING NUMBER		 RCI ENGINEERING 500 SOUTH RANCHO DRIVE, SUITE 17, LAS VEGAS, NV 89108 MAIN: 702.453.0800 FAX: 702.453.0901		
CITY PROJECT #		NEVADA			

\\3040_LENR\0057_Summerlin_103\CIVIL\IPS\RRCA MASS GRADING\S0003_0-1.dwg crivera 8/01/19 11:10am

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ENGINEER: ACCESS CONSULTING ENGINEERS
PROJECT NO. 19-148
DATED: APRIL 20, 2019
6. CUT/FILL ESTIMATES
EXISTING TO FINISH GRADE ELEVATIONS
NET CUT: 683,527 CY
NET FILL: 709,294CY
7. FOR STORMWATER RUNOFF MANAGEMENT NOTES REFER TO SHEET N-1

ACCORDING TO THE FEMA FLOOD INSURANCE RATE MAP (FIRM) COMMUNITY PANEL NUMBERS 32003C2150E AND 32003C2125E DATED SEPTEMBER 27, 2002, THE SITE IS LOCATED IN A ZONE "X".

SURVEY MONUMENT NOTE

OWNER RESPONSIBLE TO PROVIDE SURVEY MONUMENTATION AS REQUIRED BY CITY OF LAS VEGAS AND CLARK COUNTY UNIFORM STANDARD DRAWING NUMBER 243. OWNER IS ALSO RESPONSIBLE TO REPLACE ALL SURVEY MONUMENTATION DAMAGED, DESTROYED, OR OBSOLETE DURING CONSTRUCTION.

OWNER RESPONSIBLE TO PROVIDE SURVEY MONUMENTATION AS
REQUIRED BY CITY OF LAS VEGAS AND CLARK COUNTY UNIFORM
STANDARD DRAWING NUMBER 243. OWNER IS ALSO RESPONSIBLE TO
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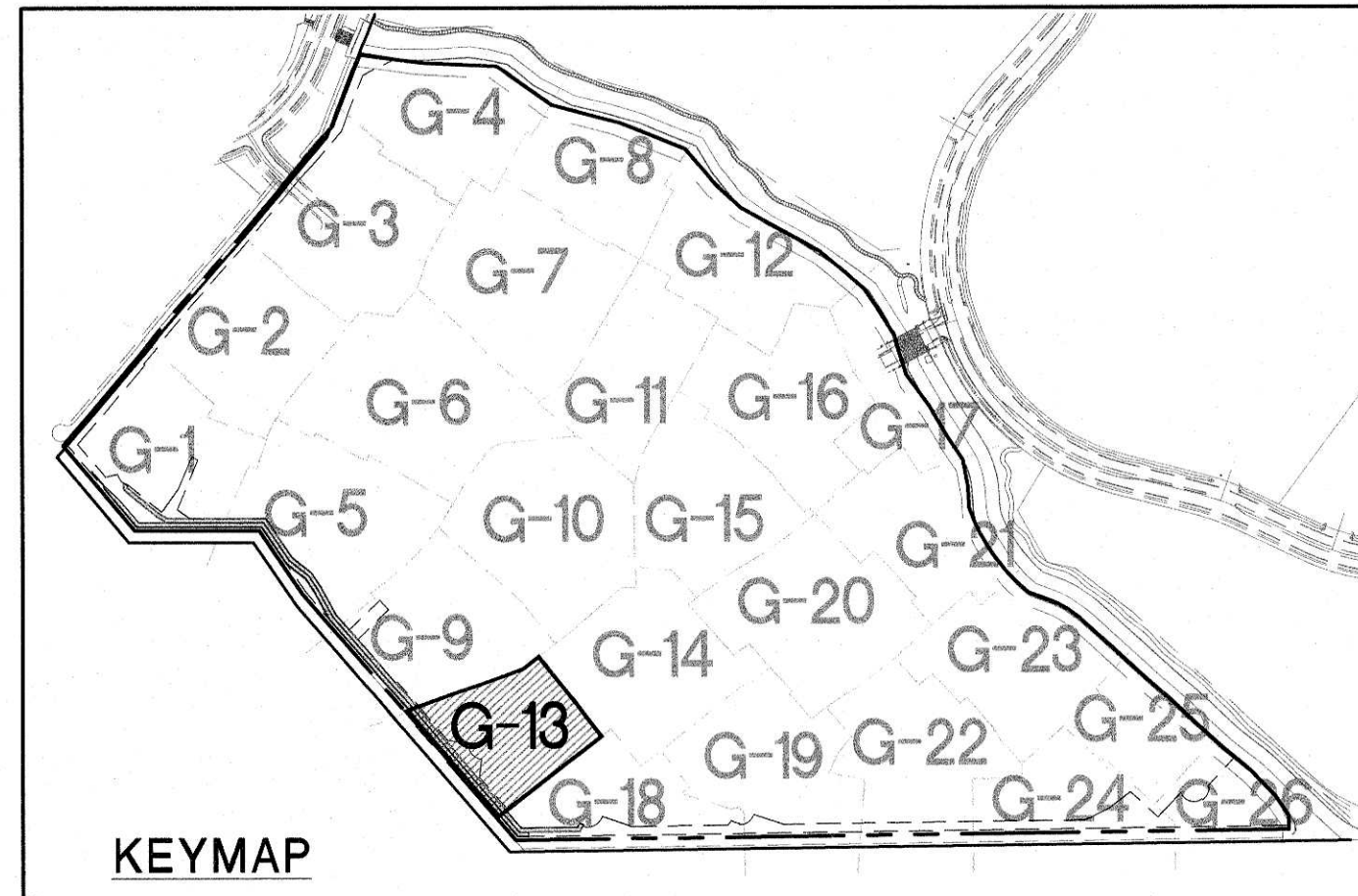
CITY OF LAS VEGAS BENCHMARK 7LV09 34SW6

RIVET AND ROUND PLATE IN THE TOP OF CURB AT THE
SOUTHEAST CORNER OF DESERT MOON RD. AND SKY VISTA
DR.

ELEVATION = 1011.422 METERS (NAVD '88)
ELEVATION = 3318.31 US SURVEY FEET (NAVD '88)

NORTH 05°36'00" WEST, BEING THE BEARING OF THE WEST LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 33, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., AS SHOWN IN FILE 118, PAGE 100 OF PARCEL MAPS ON FILE AT THE CLARK COUNTY, NEVADA RECORDERS OFFICE

- ① CONSTRUCT GRAVEL MAINTENANCE ROAD
2" CRUSHED ROCK/GRAVEL @ 95% COMPACTION
- ② CONSTRUCT CONCRETE CUT-OFF PROTECTION DEPTH VARIES
- ③ INSTALL LARGE ROCK GROUTED RIPRAP PER
DETAIL 22/D-2
- ④ INSTALL STORM DRAIN CAP PER DETAIL 20/D-2
- ⑤ INSTALL STORM DRAIN FLARED END PER DETAIL 21/D-2
- ⑥ EXISTING RIPRAP TO BE REMOVED



SUMMERLIN VILLAGE 24 PARCEL FGH

RED ROCK WASH IMPROVEMENTS

AND MASS GRADING

GRADING PLAN (SHEET 13 OF 26)



DATE: 8-1-19

G-13

CLV PROJECT #
SHT 15 OF 36
CLV DRAWING NUMBER

IMPROVEMENT PLANS FOR

LENNAR®

9275 W. RUSSELL RD SUITE 400, LAS VEGAS, NV 89148

PHONE: (702) 736-9100 FAX: (702) 736-9200



RCI ENGINEERING

500 SOUTH RANCHO DRIVE, SUITE 17, LAS VEGAS, NV 89108

MUNN: 702-453-0800 FAX: 702-453-0801

PROJECT #: 3040.0957

DESCRIPTION	REV	BY	APPD	DATE
HORIZ. SCALE: 1"=30'				
VERT. SCALE: N/A				
DRAWN BY: SC				
DESIGNED BY: AW				
CHECKED BY: CZ				
APPROVED BY: CZ				
DATE: August 01, 2019				

FOR REVIEW ONLY

I HEREBY CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY DS # _____ ON FILE WITH CITY OF LAS VEGAS FOR THIS PROJECT

CHRISTOPHER R. ZRINYI, PE NO. 13976

DATE _____

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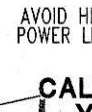
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OR
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FAST

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AVOID HITTING OVERHEAD
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1-702-227-2929

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CITY OF LAS VEGAS BENCHMARK 7LV09 34SW6

RIVET AND ROUND PLATE IN THE TOP OF CURB AT THE
SOUTHEAST CORNER OF DESERT MOON RD. AND SKY VISTA
DR.

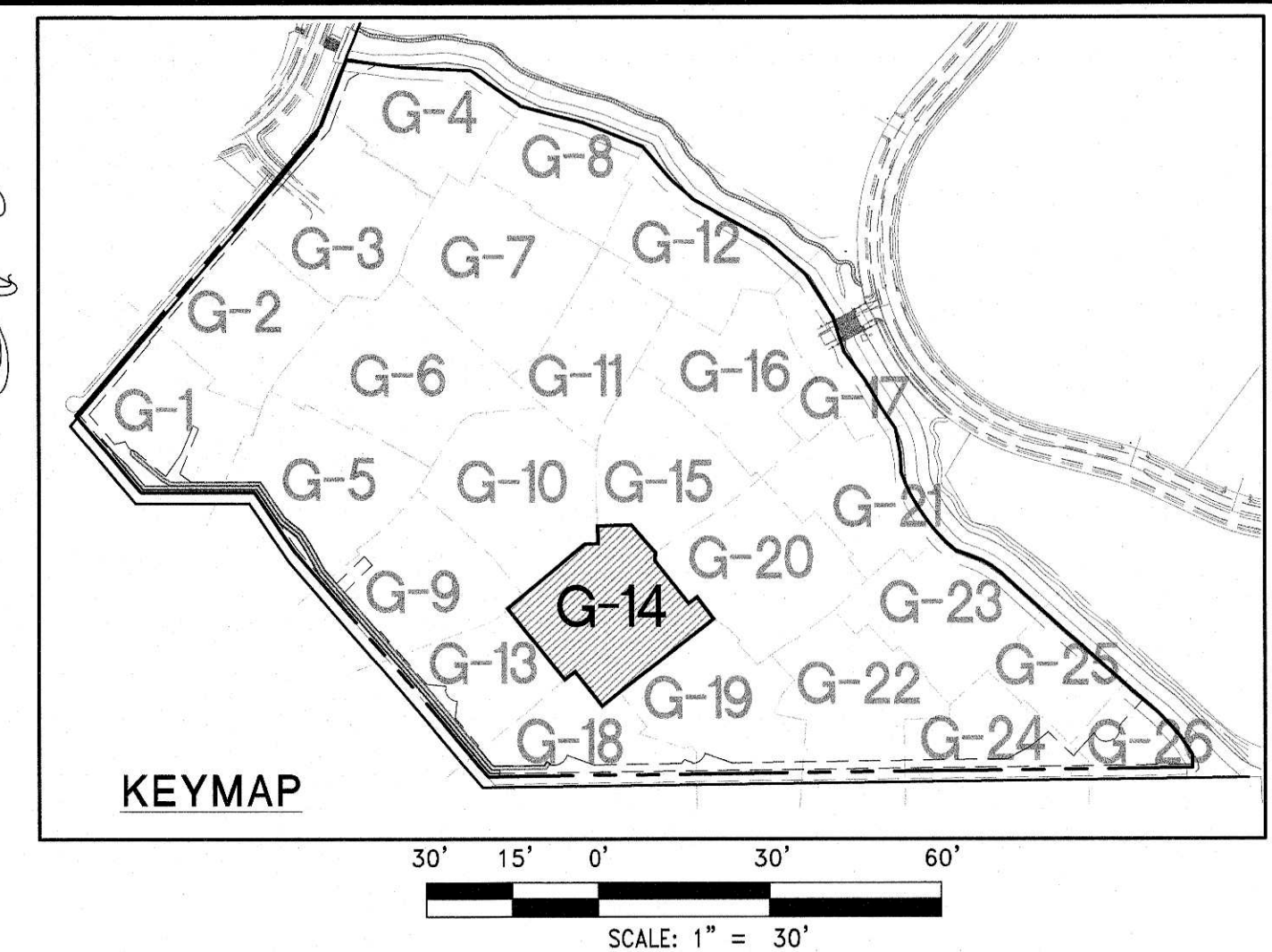
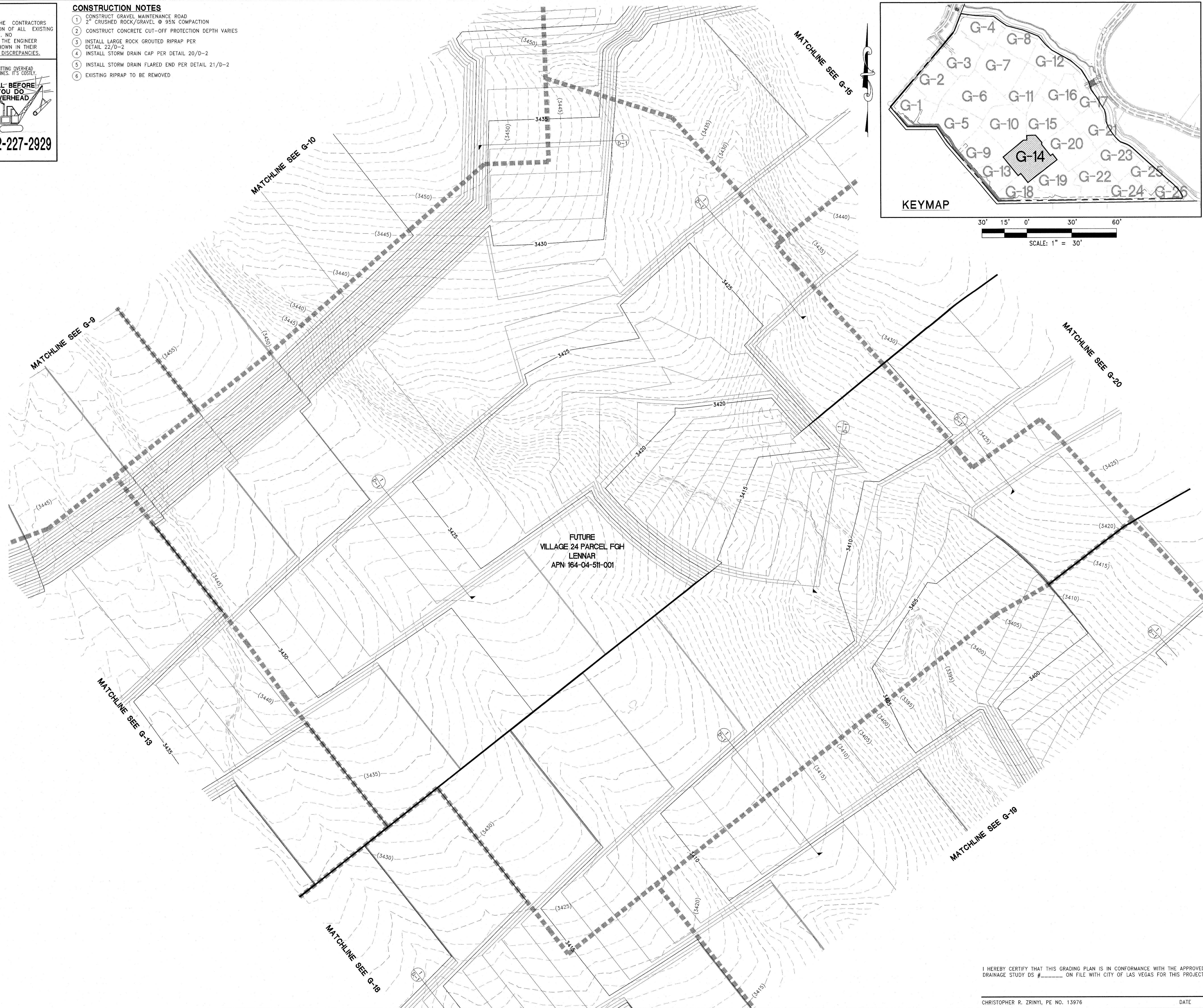
ELEVATION = 1011.422 METERS (NAVD '88)
ELEVATION = 3318.31 US SURVEY FEET (NAVD '88)

NORTH 05°36'00" WEST, BEING THE BEARING OF THE WEST
LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION
33, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., AS
SHOWN IN FILE 118, PAGE 100 OF PARCEL MAPS ON FILE
AT THE CLARK COUNTY, NEVADA RECORDERS OFFICE

ACCORDING TO THE FEMA FLOOD INSURANCE RATE MAP (FIRM) COMMUNITY PANEL NUMBERS 32003C2150E AND 32003C2125E DATED SEPTEMBER 27, 2002, THE SITE IS LOCATED IN A ZONE "X".

OWNER RESPONSIBLE TO PROVIDE SURVEY MONUMENTATION AS
REQUIRED BY CITY OF LAS VEGAS AND CLARK COUNTY UNIFORM
STANDARD DRAWING NUMBER 243. OWNER IS ALSO RESPONSIBLE TO
REPLACE ALL SURVEY MONUMENTATION DAMAGED, DESTROYED, OR
OBSCURED DURING CONSTRUCTION.

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4. ALL GRADING SHALL CONFORM TO SOILS REPORT RECOMMENDATIONS.
5. SOIL REPORT NOTE:
GRADING SHALL BE IN ACCORDANCE
WITH SOILS REPORT PREPARED BY:
ENGINEER: ACCESS CONSULTING ENGINEERS
PROJECT NO. 19-146
DATED: APRIL 20, 2019
6. CUT/FILL ESTIMATES
EXISTING TO FINISH GRADE ELEVATIONS
NET CUT: 683.597 CY
NET FILL: 709.284CY
7. FOR STORMWATER RUNOFF MANAGEMENT NOTES REFER TO SHEET N-1



I HEREBY CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY DS # _____ ON FILE WITH CITY OF LAS VEGAS FOR THIS PROJECT

CHRISTOPHER R. ZRINYI, PE NO. 13976

DAT

CLV PROJECT #

CLV PROJECT #

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CLV PROJECT #

DISCLAIMER NOTE:

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UTILITY LINES. IT'S COSTLY.
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OR
1-800-227-2600

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FREEMAN AND ARTERIAL
SYSTEM OF TRANSPORTATION

AVOID HITTING OVERHEAD
POWER LINES. IT'S COSTLY.
**CALL BEFORE
YOU DO
OVERHEAD**
1-702-227-2929

CONSTRUCTION NOTES

1. CONSTRUCT GRAVEL MAINTENANCE ROAD
2. 2" CRUSHED ROCK/GRAVEL @ 95% COMPACTION
3. CONSTRUCT CONCRETE CUT-OFF PROTECTION DEPTH VARIES
4. INSTALL LARGE ROCK GROUTED RIPRAP PER DETAIL 22/D-2
5. INSTALL STORM DRAIN CAP PER DETAIL 20/D-2
6. INSTALL STORM DRAIN FLARED END PER DETAIL 21/D-2
7. EXISTING RIPRAP TO BE REMOVED

BENCHMARK

CITY OF LAS VEGAS BENCHMARK 7LV09 34SW6

RIVET AND ROUND PLATE IN THE TOP OF CURB AT THE SOUTHEAST CORNER OF DESERT MOON RD. AND SKY VISTA DR.

ELEVATION = 1011.422 METERS (NAVD '88)
ELEVATION = 3318.31 US SURVEY FEET (NAVD '88)

BASIS OF BEARINGS

NORTH 05°36'00" WEST, BEING THE BEARING OF THE WEST LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 33, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., AS SHOWN IN FILE 118, PAGE 100 OF PARCEL MAPS ON FILE AT THE CLARK COUNTY, NEVADA RECORDERS OFFICE

FLOOD ZONE NOTE

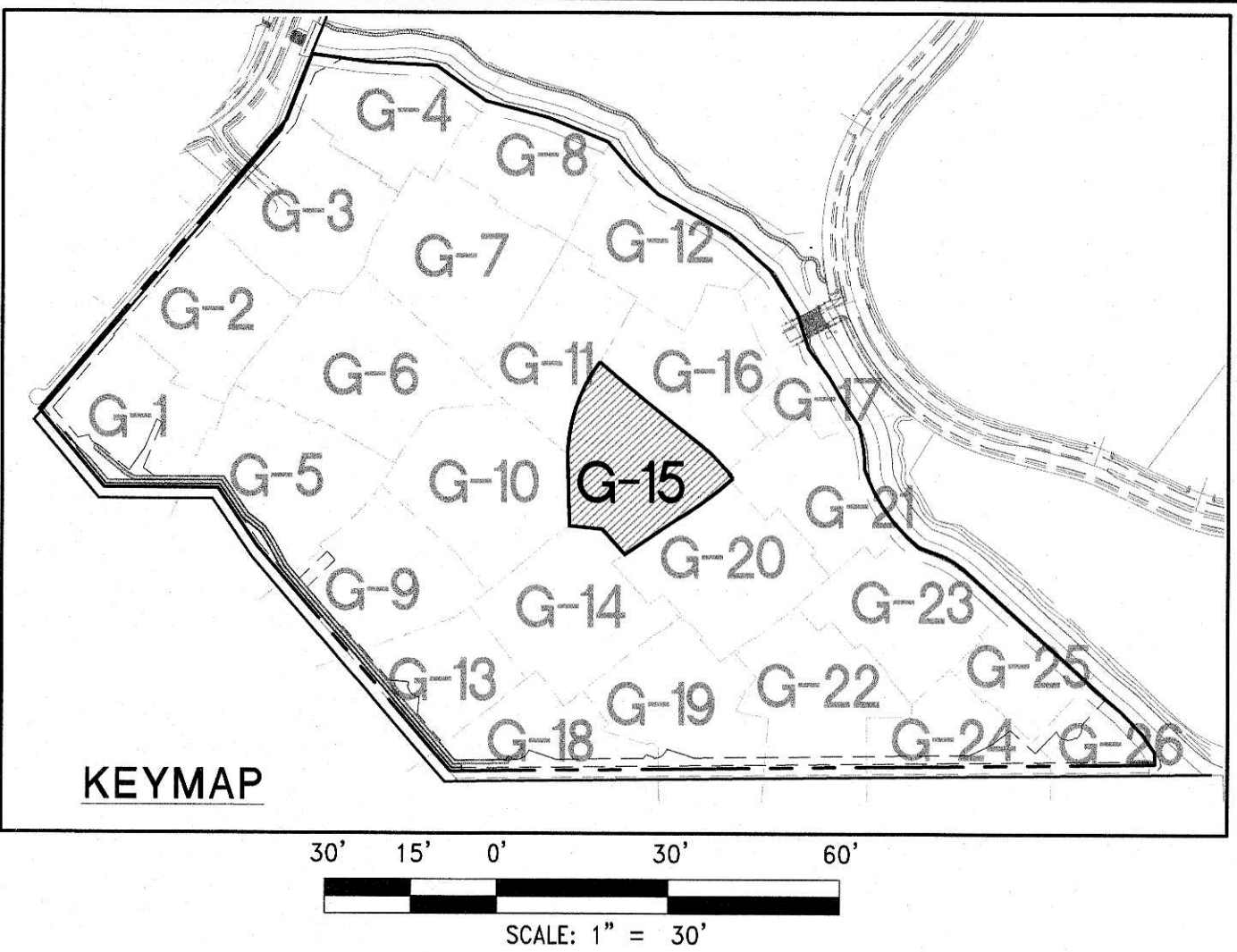
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SURVEY MONUMENT NOTE

OWNER RESPONSIBLE TO PROVIDE SURVEY MONUMENTATION AS REQUIRED BY CITY OF LAS VEGAS AND CLARK COUNTY UNIFORM STANDARD DRAWING NUMBER 243. OWNER IS ALSO RESPONSIBLE TO REPLACE ALL SURVEY MONUMENTATION DAMAGED, DESTROYED, OR OBSCURED DURING CONSTRUCTION.

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ENGINEER: ACCESS CONSULTING ENGINEERS
PROJECT NO. 19-148
DATED: APRIL 20, 2019
6. CUT/FILL ESTIMATES
EXISTING TO FINISH GRADE ELEVATIONS
NET CUT: 683.527 CY
NET FILL: 709.294CY
7. FOR STORMWATER RUNOFF MANAGEMENT NOTES REFER TO SHEET N-1



FOR REVIEW ONLY	
REV	DATE
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DATE: August 01, 2019	HORIZ. SCALE: 1"=30'	VERT. SCALE: N/A	DESIGN BY: SC	CHECKED BY: AW	APPROVED BY: CZ	PROJECT #:
3240.0057						

LENNAR 9275 W. RUSSELL RD SUITE 400, LAS VEGAS, NV 89148 PHONE: (702) 736-9100 FAX: (702) 736-9200	RCI ENGINEERING 500 SOUTH RANCHO DRIVE SUITE 17, LAS VEGAS, NV 89106 MAIN: 702.633.0800 FAX: 702.453.0801
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IMPROVEMENT PLANS FOR SUMMERLIN VILLAGE 24 PARCEL FGH RED ROCK WASH IMPROVEMENTS AND MASS GRADING GRADING PLAN (SHEET 15 OF 26)	NEVADA
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CITY OF LAS VEGAS	CLV PROJECT #
-------------------	---------------

DATE: 8-1-19	DRAWING
G-15	
SHT 17 OF 36	CLV DRAWING NUMBER

1. I HEREBY CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY DS # _____ ON FILE WITH CITY OF LAS VEGAS FOR THIS PROJECT.	DATE
CHRISTOPHER R. ZRINYI, PE NO. 13976	

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CITY OF LAS VEGAS BENCHMARK 7LV09 34SW6

RIVET AND ROUND PLATE IN THE TOP OF CURB AT THE
SOUTHEAST CORNER OF DESERT MOON RD. AND SKY VISTA
DR.

ELEVATION = 1011.422 METERS (NAVD '88)
ELEVATION = 3318.31 US SURVEY FEET (NAVD '88)

NORTH 05°36'00" WEST, BEING THE BEARING OF THE WEST
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ENGINEERS: ACCESS CONSULTING ENGINEERS
PROJECT NO. 18-148
DATED: APRIL 20, 2019
6. CUT/FILL ESTIMATES
EXISTING TO FINISH GRADE ELEVATIONS
NET CUT: 683,527 CY
NET FILL: 709,294CY
7. FOR STORMWATER RUNOFF MANAGEMENT NOTES REFER TO SHEET N-1

- ① CONSTRUCT ROCK MAINTENANCE ROAD
2" CRUSHED GRAVEL/GRAVEL @ 95% COMPACTION
- ② CONSTRUCT CONCRETE CUT-OFF PROTECTION DEPTH Varies
- ③ INSTALL LARGE ROCK GROUTED RIPRAP PER
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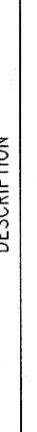


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CHRISTOPHER R. ZRINYI, PE NO. 13976

DATE _____

DATE: August 01, 2019	REV	DESCRIPTION	BY	APPRO
HORIZ. SCALE: 1"=30'				
VERT. SCALE: N/A				
DRAWN BY: SC				
DESIGNED BY: AW				
CHECKED BY: CZ				
APPROVED BY: 30403.0887				
PROJECT #:				



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MAIN: (702) 453-0800 FAX: (702) 453-0801



DATE: 8-1-19

IMPROVEMENT PLANS FOR
SUMMERLIN VILLAGE 24 PARCEL FGH
RED ROCK WASH IMPROVEMENTS
AND MASS GRADING
GRADING PLAN (SHEET 17 OF 26)
CITY OF LAS VEGAS
NEVADA

DRAWING

G-17

SHT 17 OF 36

CLV DRAWING NUMBER

CLV PROJECT #

IMPROVEMENT PLANS FOR
SUMMERLIN VILLAGE 24 PARCEL FGH
RED ROCK WASH IMPROVEMENTS
AND MASS GRADING
GRADING PLAN (SHEET 17 OF 26)
LAS VEGAS
NEVADA

DATE: 9-1-13
DRAWING
G-17
SHT 19 OF 36
CLV DRAWING NUMBER
CLV PROJECT #

10-3040	IFNR\0057 Summerlin	103\ CIVIL\	IPS\BRCA MASS GRADING\ S0003	G-1.dwg	qlsjerra	8/01/19	1:50pm
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PROJECT NO. 19-148
DATED: APRIL 20, 2019
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NET CUT: 685,527 CY
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7. FOR STORMWATER RUNOFF MANAGEMENT NOTES REFER TO SHEET N-1

CITY OF LAS VEGAS BENCHMARK 7LV09 34SW6

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DR.

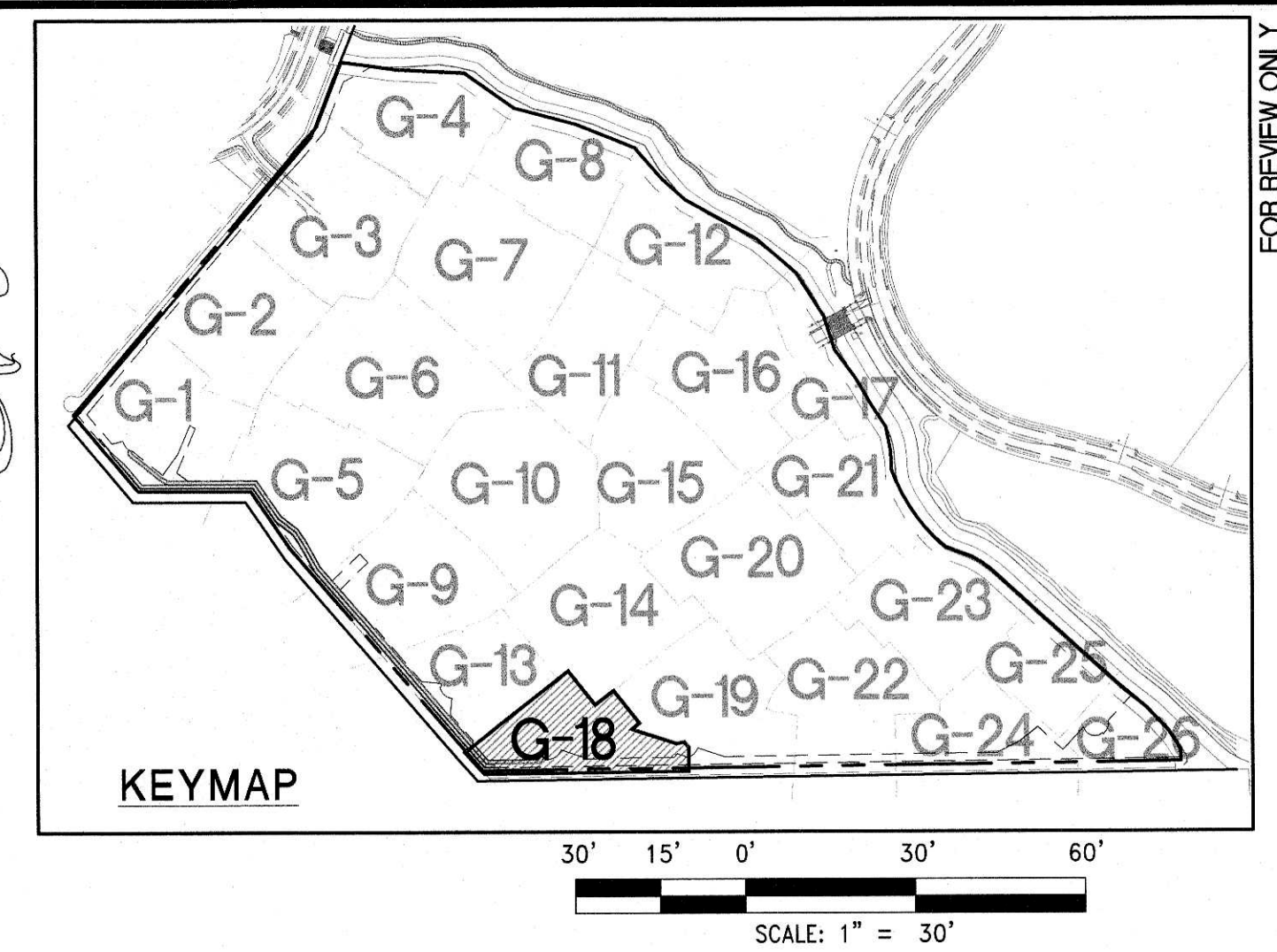
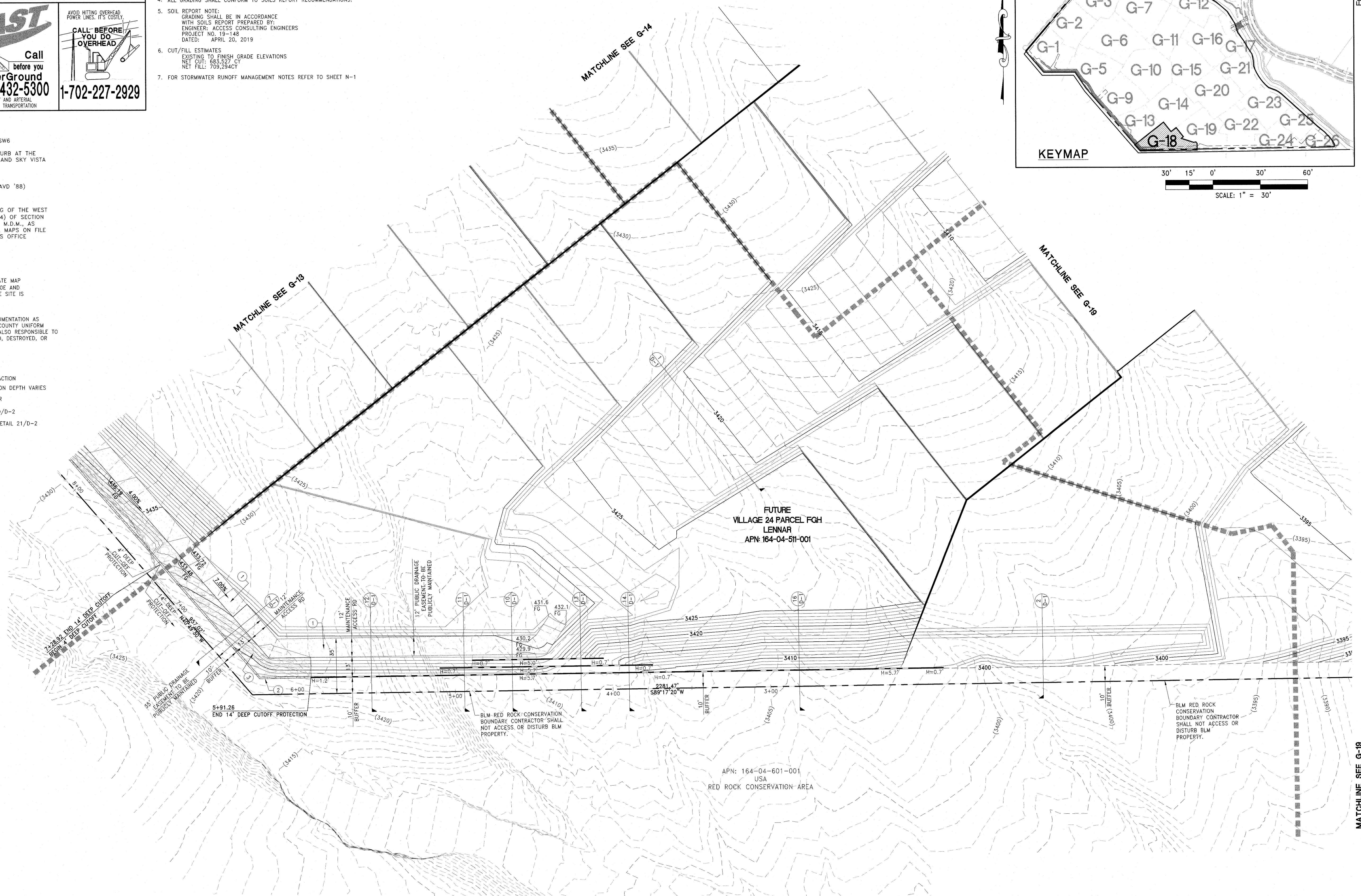
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- ⑥ EXISTING RIPRAP TO BE REMOVED



DATE:	REV	DESCRIPTION	BY	APPD	DATE
August 01, 2019					
HORIZ. SCALE:					
1"=50'					
VERTI. SCALE:					
N/A					
DRAWN BY:					
SC					
DESIGNED BY:					
AW					
CHECKED BY:					
CZ					
APPROVED BY:					
CZ					
PROJECT #:					
3940.0057					

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IMPROVEMENT PLANS FOR
SUMMERLIN VILLAGE 24 PARCEL FGH
RED ROCK WASH IMPROVEMENTS
AND MASS GRADING
GRADING PLAN (SHEET 18 OF 26)

LAS VEGAS NEVADA

0-1-19
 CHRYSTOPHER R. ZRINYI
 Exp. 6/30/2020
 CIVIL
 No. 13976
 DATE: 8-1-19
 DRAWING
G-18
 SHT 20 OF 36
 CLV DRAWING NUMBER
 CLV PROJECT #

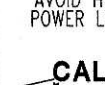
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CHRISTOPHER R. ZRINYI, PE NO. 13976 DATE

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CITY OF LAS VEGAS BENCHMARK 7LV09 34SW6

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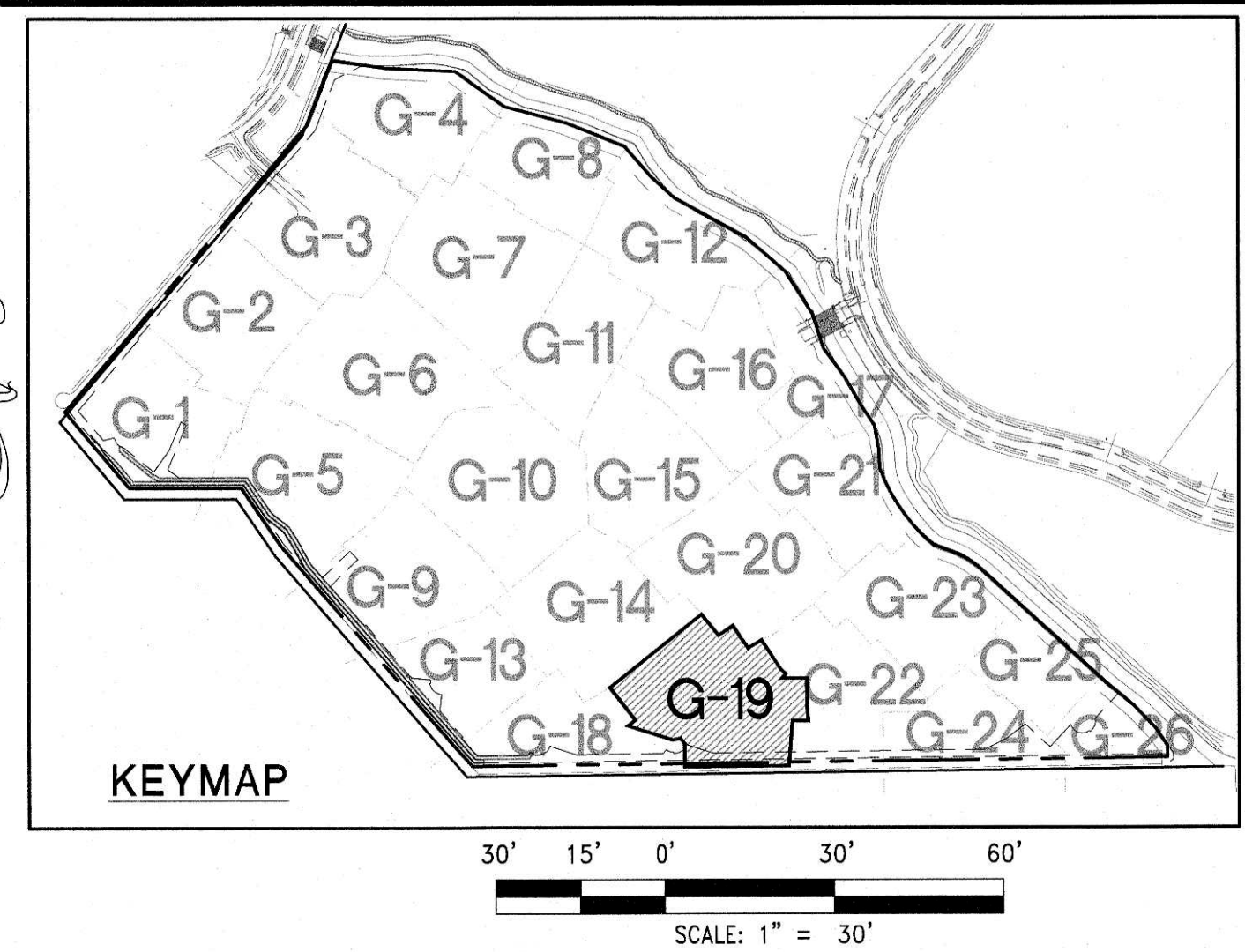
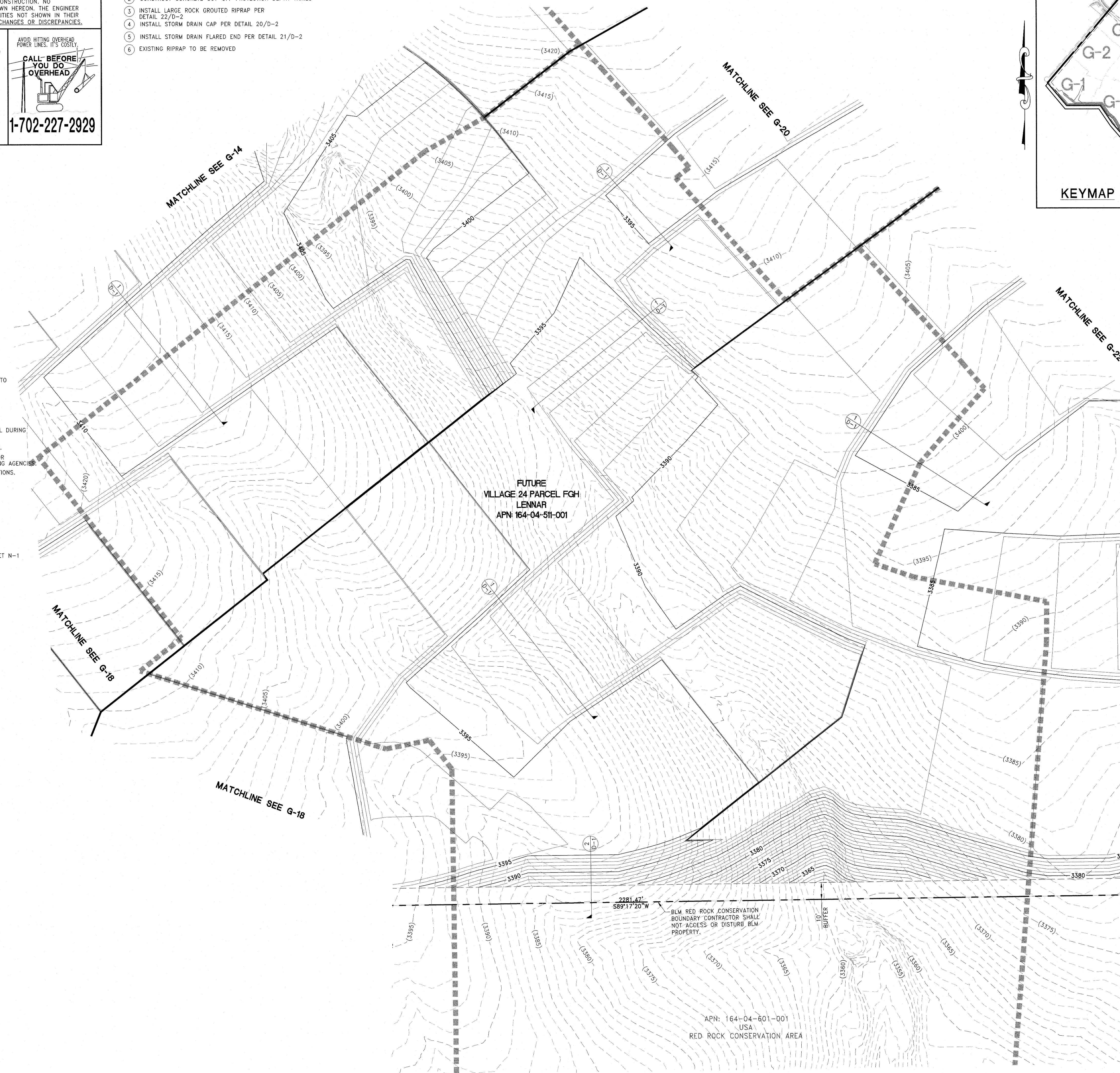
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PROJECT NO. 18-148
DATED: APRIL 20, 2019
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NET CUT: 683,527.07
NET FILL: 709,294.02
7. FOR STORMWATER RUNOFF MANAGEMENT NOTES REFER TO SHEET N-1

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MATCHLINE SEE G-22

I HEREBY CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY DS # _____ ON FILE WITH CITY OF LAS VEGAS FOR THIS PROJECT.

CHRISTOPHER R. ZRINYI, PE NO. 13976

DATE _____

SUMMERLIN VILLAGE 24 PARCEL FGH
RED ROCK WASH IMPROVEMENTS
AND MASS GRADING

IMPROVEMENT PLANS FOR

GRADING PLAN (SHEET 19 OF 26)

CLV PROJECT #

CLV PROJECT #

CITY OF LAS VEGAS

NEVADA

DATE: 8-1-19

DRAWING

G-19

SHT 21 OF 36

CONTRACT NUMBER

PROJECT #: 3040.0057

REVISIONS

NO.	DATE	DESCRIPTION	BY	APP'D
1	8-1-19			

PROJECT #: 3040.0057

9275 W. WILSON RD SUITE 400 LAS VEGAS NV 89148
PHONE: (702) 736-9100 FAX: (702) 736-9200

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IMPROVEMENT PLANS FOR
SUMMERLIN VILLAGE 24 PARCEL FGH
RED ROCK WASH IMPROVEMENTS
AND MASS GRADING
GRADING PLAN (SHEET 19 OF 26)
LAS VEGAS NEVADA

DRAWING
G-19
SHT 21 OF 36
CLY DRAWING NUMBER
CLY PROJECT #

E:\3040_LEN\0057_Summerlin_103_CIVIL_RRCA MASS GRADING\S0003_G-1.dwg crivera 8/01/19 12:57pm

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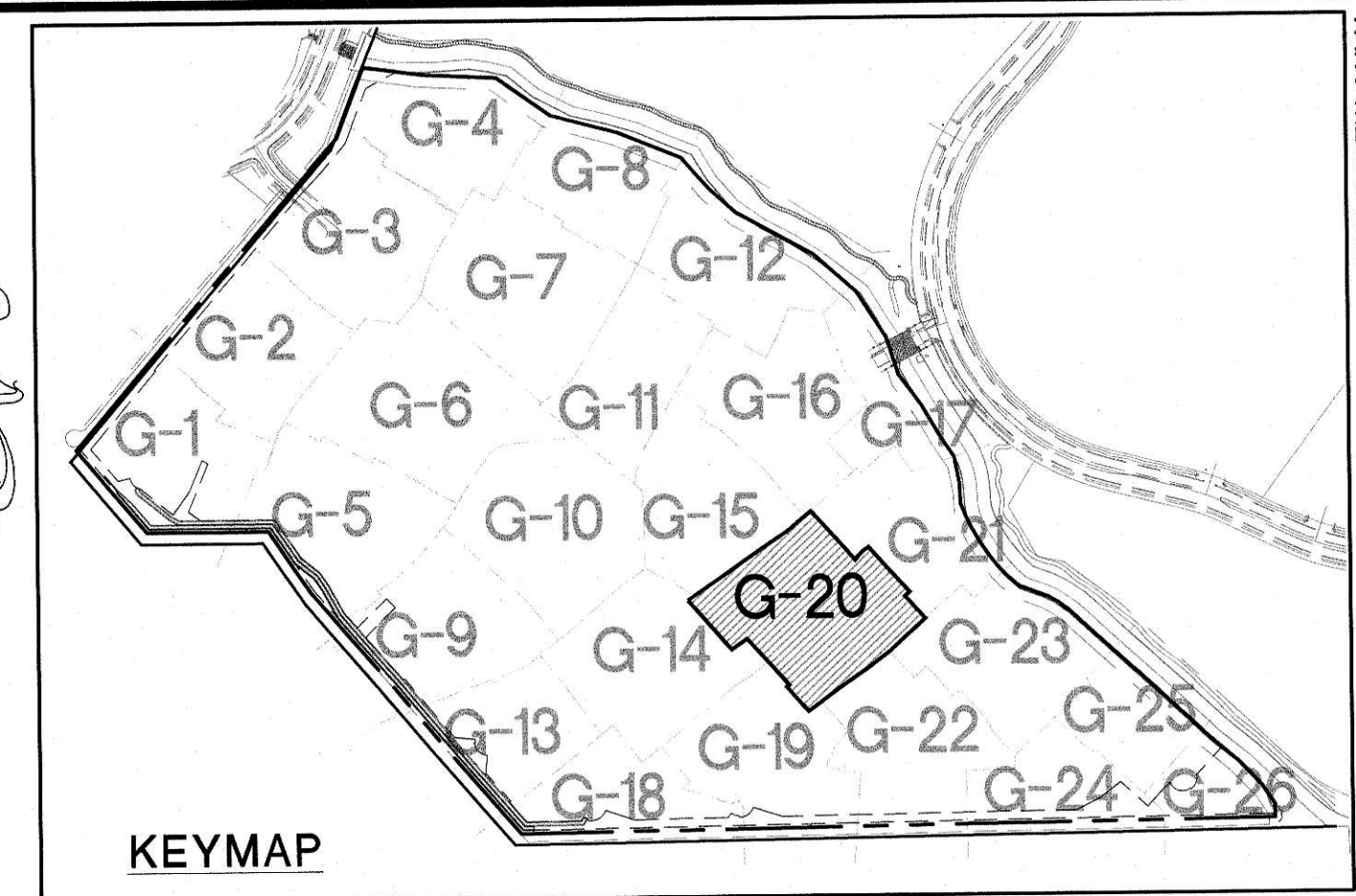
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NORTH 05°36'00" WEST, BEING THE BEARING OF THE WEST LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 33, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., AS SHOWN IN FILE 118, PAGE 100 OF PARCEL MAPS ON FILE AT THE CLARK COUNTY, NEVADA RECORDERS OFFICE

ACCORDING TO THE FEMA FLOOD INSURANCE RATE MAP (FIRM) COMMUNITY PANEL NUMBERS 32003C2150E AND 32003C2125E DATED SEPTEMBER 27, 2002, THE SITE IS LOCATED IN A ZONE "X".

OWNER RESPONSIBLE TO PROVIDE SURVEY MONUMENTATION AS REQUIRED BY CITY OF LAS VEGAS AND CLARK COUNTY UNIFORM STANDARD DRAWING NUMBER 243. OWNER IS ALSO RESPONSIBLE TO REPLACE ALL SURVEY MONUMENTATION DAMAGED, DESTROYED, OR OBSCURED DURING CONSTRUCTION.

1. CONTRACTOR IS RESPONSIBLE FOR DUST AND EROSION CONTROL DURING CONSTRUCTION.
2. ENGINEER TO BE NOTIFIED OF ANY DISCREPANCIES IMMEDIATELY.
3. THESE PLANS SHALL NOT, IN PART OR IN WHOLE, BE USED FOR CONSTRUCTION UNTIL APPROVED AND SIGNED BY THE GOVERNING AGENCIES.
4. ALL GRADING SHALL CONFORM TO SOILS REPORT RECOMMENDATIONS.
5. SOIL REPORT NOTE:
GRADING SHALL BE IN ACCORDANCE
WITH SOILS REPORT PREPARED BY:
ENGINEER: ACCESS CONSULTING ENGINEERS
PROJECT NO: 19-148
DATED: APRIL 20, 2019
6. CUT/FILL ESTIMATES
EXISTING TO FINISH GRADE ELEVATIONS
NET CUT: 683,327' CY
NET FILL: 709,294CY
7. FOR STORMWATER RUNOFF MANAGEMENT NOTES REFER TO SHEET N-1



30' 15' 0' 30' 60'

SCALE: 1" = 30'

FOR REVIEW ONLY	BY	APPD	DATE
-----------------	----	------	------

DESCRIPTION

REV

DATE:	August 01, 2019
HORIZ. SCALE:	1" = 30'
VERT. SCALE:	N/A
DRAWN BY:	SC
DESIGNED BY:	AW
CHECKED BY:	CZ
APPROVED BY:	CZ
PROJECT #:	3040.0057

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9275 W. RUSSELL RD SUITE 400, LAS VEGAS, NV 89148
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RCI ENGINEERING
500 SOUTH RANCHO DRIVE, SUITE 17, LAS VEGAS, NV 89106
MAIN: 702.453.0800 FAX: 702.453.0801

IMPROVEMENT PLANS FOR

**SUMMERLIN VILLAGE 24 PARCEL FGH
RED ROCK WASH IMPROVEMENTS
AND MASS GRADING**

GRADING PLAN (SHEET 20 OF 26)

CITY OF LAS VEGAS

DATE: 8-1-19
DRAWING
G-20
SHT 22 OF 36
CLV DRAWING NUMBER
CLV PROJECT #

I HEREBY CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY DS # _____ ON FILE WITH CITY OF LAS VEGAS FOR THIS PROJECT.

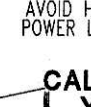
CHRISTOPHER R. ZRINYI, PE NO. 13976

DATE _____

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND OR OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION. CONTRACTOR TO NOTIFY ENGINEER OF ANY CHANGES OR DISCREPANCIES.

FAST

Call
before you
Under Ground
1-702-432-5300
FREeway and ARTERIAL
SYSTEM OF TRAVELATION



AVOID HITTING OVERHEAD
POWER LINES. IT'S COSTLY.

**CALL BEFORE
YOU DO
OVERHEAD**

1-702-227-2929

CITY OF LAS VEGAS BENCHMARK 7LV09 34SW6

RIVET AND ROUND PLATE IN THE TOP OF CURB AT THE
SOUTHEAST CORNER OF DESERT MOON RD. AND SKY VISTA
DR.

ELEVATION = 1011.422 METERS (NAVD '88)
ELEVATION = 3318.31 US SURVEY FEET (NAVD '88)

NORTH 05°36'00" WEST, BEING THE BEARING OF THE WEST
LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION
33, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., AS
SHOWN IN FILE 118, PAGE 100 OF PARCEL MAPS ON FILE
AT THE CLARK COUNTY, NEVADA RECORDERS OFFICE

ACCORDING TO THE FEMA FLOOD INSURANCE RATE MAP (FIRM) COMMUNITY PANEL NUMBERS 32003C2150E AND 32003C2125E DATED SEPTEMBER 27, 2002, THE SITE IS LOCATED IN A ZONE "X".

OWNER RESPONSIBLE TO PROVIDE SURVEY MONUMENTATION AS
REQUIRED BY CITY OF LAS VEGAS AND CLARK COUNTY UNIFORM
STANDARD DRAWING NUMBER 243. OWNER IS ALSO RESPONSIBLE TO
REPLACE ALL SURVEY MONUMENTATION DAMAGED, DESTROYED, OR
OBSCURED DURING CONSTRUCTION.

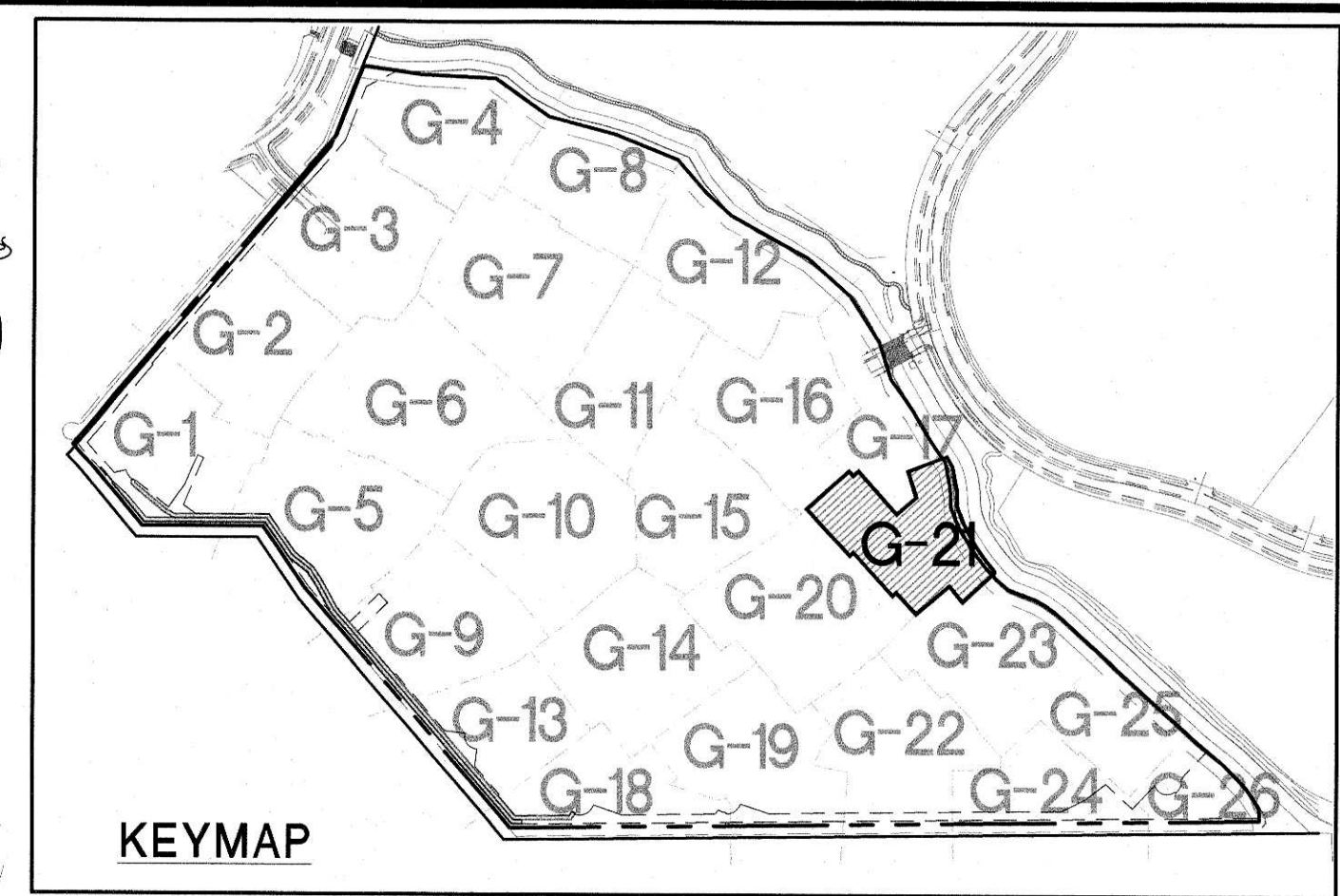
- 1 CONSTRUCT ROCK MAINTENANCE ROAD
2" CRUSHED GRAVEL/GRAVEL @ 95% COMPACTION
- 2 CONSTRUCT CONCRETE CUT-OFF PROTECTION DEPTH VARIES
- 3 INSTALL LARGE ROCK GROUTED RIPRAP PER
DETAIL 22/D-2
- 4 INSTALL STORM DRAIN CAP PER DETAIL 20/D-2
- 5 INSTALL STORM DRAIN FLARED END PER DETAIL 21/D-2
- 6 EXISTING RIPRAP TO BE REMOVED

1. CONTRACTOR IS RESPONSIBLE FOR DUST AND EROSION CONTROL DURING CONSTRUCTION.
2. ENGINEER TO BE NOTIFIED OF ANY DISCREPANCIES IMMEDIATELY.
3. THESE PLANS SHALL NOT, IN PART OR IN WHOLE, BE USED FOR CONSTRUCTION UNTIL APPROVED AND SIGNED BY THE GOVERNING AGENCIES
4. ALL GRADING SHALL CONFORM TO SOILS REPORT RECOMMENDATIONS.

5. SOIL REPORT NOTE:
GRADING SHALL BE IN ACCORDANCE
WITH SOILS REPORT PREPARED BY:
ENGINEER: ACCESS CONSULTING ENGINEERS
PROJECT NO. 19-14B
DATED: APRIL 20, 2019

6. CUT/FILL ESTIMATES
EXISTING TO FINISH GRADE ELEVATIONS
NET CUT: 683,527 CY
NET FILL: 709,294CY

7. FOR STORMWATER RUNOFF MANAGEMENT NOTES REFER TO SHEET N-1

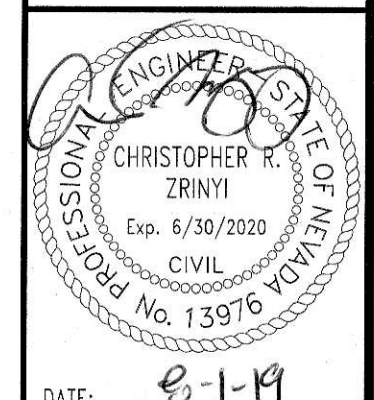


DATE: August 01, 2019		DESCRIPTION		BY	APPD	DATE
	HORIZ. SCALE: 1"=30'					
	VERT. SCALE: N/A					
	DRAWN BY: SC					
	DESIGNED BY: AW					
	CHECKED BY: CZ					
	APPROVED BY: CZ					
	PROJECT #:	3040.0057				

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IMPROVEMENT PLANS FOR
SUMMERLIN VILLAGE 24 PARCEL FGH
RED ROCK WASH IMPROVEMENTS
AND MASS GRADING
GRADING PLAN (SHEET 21 OF 26)



DRAWING
G-21
SHT **23** OF **36**
CLV DRAWING NUMBER
CLV PROJECT # _____

I HEREBY CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY DS #_____ ON FILE WITH CITY OF LAS VEGAS FOR THIS PROJECT.

CHRISTOPHER R. ZRINYI, PE NO. 13976

DATE _____

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND OR OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION. CONTRACTOR TO NOTIFY ENGINEER OF ANY CHANGES OR DISCREPANCIES.

Call
811

OR
1-800-227-2600

FAST
Call
before you
UnderGround

1-702-432-5300
FREEWAY AND ARTERIAL

1-702-227-2929

CITY OF LAS VEGAS BENCHMARK 7LV09 34SW6

RIVET AND ROUND PLATE IN THE TOP OF CURB AT THE
SOUTHEAST CORNER OF DESERT MOON RD. AND SKY VISTA
DR.

ELEVATION = 1011.422 METERS (NAVD '88)
ELEVATION = 3318.31 US SURVEY FEET (NAVD '88)

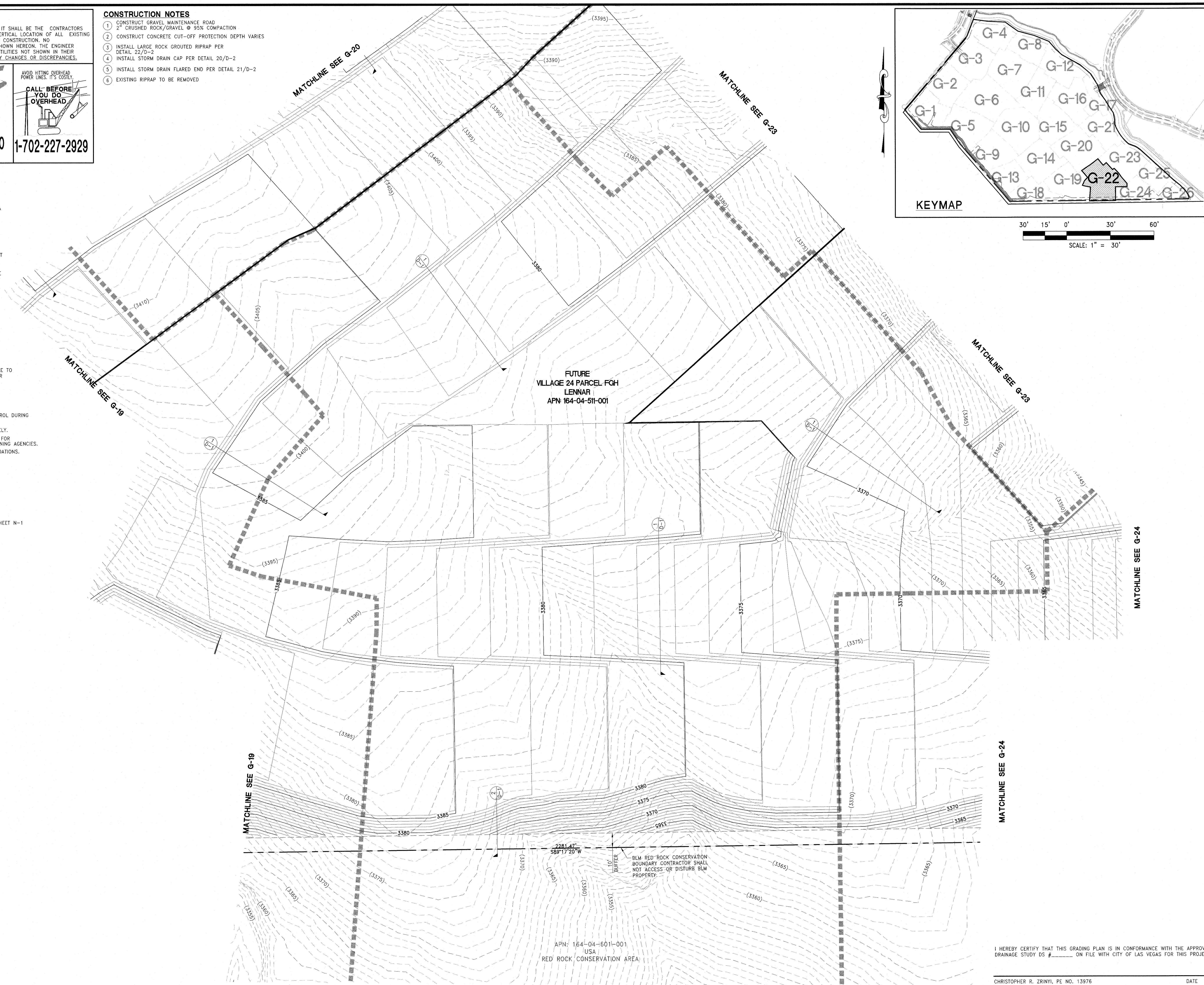
NORTH 05°36'00" WEST, BEING THE BEARING OF THE WEST
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33, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., AS
SHOWN IN FILE 118, PAGE 100 OF PARCEL MAPS ON FILE
AT THE CLARK COUNTY, NEVADA RECORDERS OFFICE

ACCORDING TO THE FEMA FLOOD INSURANCE RATE MAP (FIRM) COMMUNITY PANEL NUMBERS 32003C2150E AND 32003C2125E DATED SEPTEMBER 27, 2002, THE SITE IS LOCATED IN FLOOD ZONE X-1.

OWNER RESPONSIBLE TO PROVIDE SURVEY MONUMENTATION AS REQUIRED BY CITY OF LAS VEGAS AND CLARK COUNTY UNIFORM STANDARD DRAWING NUMBER 243. OWNER IS ALSO RESPONSIBLE TO REPLACE ALL SURVEY MONUMENTATION DAMAGED, DESTROYED, OR OBTAINED DURING CONSTRUCTION.

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5. SOIL REPORT NOTE:
GRADING SHALL BE IN ACCORDANCE
WITH SOILS REPORT PREPARED BY:
ENGINEER: ACCESS CONSULTING ENGINEERS
PROJECT NO. 19-148
DATED: APRIL 20, 2019
6. CUT/FILL ESTIMATES
EXISTING TO FINISH GRADE ELEVATIONS
NET CUT: 883.237 CY
NET FILL: 709.294CY
7. FOR STORMWATER RUNOFF MANAGEMENT NOTES REFER TO SHEET N-1

- ① CONSTRUCT GRAVEL MAINTENANCE ROAD
2" CRUSHED ROCK/GRAVEL @ 95% COMPACTION
- ② CONSTRUCT CONCRETE CUT-OFF PROTECTION DEPTH VARIES
- ③ INSTALL LARGE ROCK GROUTED RIPRAP PER
DETAIL 22/D-2
- ④ INSTALL STORM DRAIN CAP PER DETAIL 20/D-2
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I HEREBY CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY DS # _____ ON FILE WITH CITY OF LAS VEGAS FOR THIS PROJECT

CHRISTOPHER R. ZRINYI, PE NO. 13976

DATE _____

REV	DESCRIPTION	BY	APPRO	DATE
	DATE: August 01, 2019			
	WORKS SALE:			
	"=30"			
	N/A			
	SC			
	SWANN BR:			
	AW			
	DESIGNED BY:			
	CZ			
	CHECKED BY:			
	CZ			
	APPROVED BY:			
	PROJECT #:			
	9440.0057			

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IMPROVEMENT PLANS FOR
SUMMERLIN VILLAGE 24 PARCEL FGH
RED ROCK WASH IMPROVEMENTS
AND MASS GRADING
GRADING PLAN (SHEET 22 OF 26)

DATE: 01/11/11
DRAWING
G-22
SHT 24 OF 36
CLV DRAWING NUMBER
CLV PROJECT #

3040	LENR\0057 Summerlin 103\ CIVIL\ IPS\ RRCA MASS GRADING\ S0003_G-1.dwg	8/01/19	1:03pm
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 **Call**
before you
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CITY OF LAS VEGAS BENCHMARK 7LV09 34SW6

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33, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., AS
SHOWN IN FILE 118, PAGE 100 OF PARCEL MAPS ON FILE
AT THE CLARK COUNTY, NEVADA RECORDERS OFFICE

CONSTRUCTION NOTES

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2" CRUSHED ROCK/GRAVEL @ 95% COMPACTION
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FLOOD ZONE NOTE

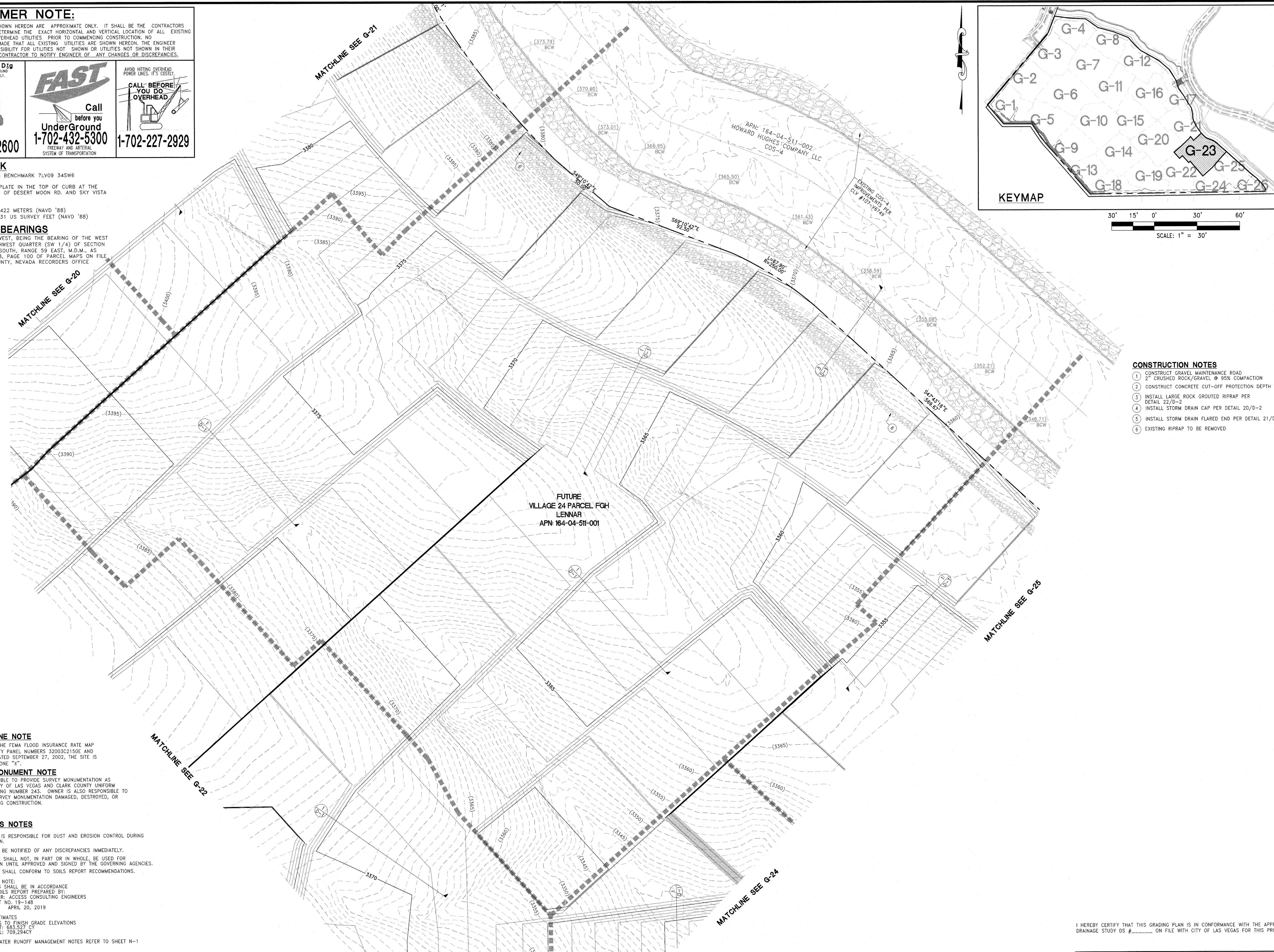
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SURVEY MONUMENT NOTE

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ENGINEERS NOTES

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ENGINEER: ACCESS CONSULTING ENGINEERS
PROJECT NO: 19-148
DATED: APRIL 20, 2019
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NET CUT: 683,327.00 CY
NET FILL: 709,294.00 CY
7. FOR STORMWATER RUNOFF MANAGEMENT NOTES REFER TO SHEET N-1



I HEREBY CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY DS # _____ ON FILE WITH CITY OF LAS VEGAS FOR THIS PROJECT.

CHRISTOPHER R. ZRINYI, PE NO. 13976

DATE _____

REV	DESCRIPTION	BY	APPD	DATE
	DATE: August 01, 2019			
	HORIZ. SCALE: 1"=30'			
	VERT. SCALE: N/A			
	DRAWN BY: SC			
	DESIGNED BY: AW			
	CHECKED BY: CZ			
	APPROVED BY: CZ			
	PROJECT #: 384620927			

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IMPROVEMENT PLANS FOR
SUMMERLIN VILLAGE 24 PARCEL FGH
RED ROCK WASH IMPROVEMENTS
AND MASS GRADING
GRADING PLAN (SHEET 23 OF 26)

ENGINEERING DEPT. STATE OF NEW YORK

CHRISTOPHER R. ZRINYI

Exp. 6/30/2020

CIVIL

No. 13976

PROFESSIONAL REGISTERED

DATE: 8-1-19

DRAWING

G-23

SHT 25 OF 36

CLV DRAWING NUMBER

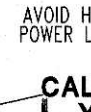
CLV PROJECT #

01/10/19	10/10/19	01/11/19	01/12/19	01/01/20	01/02/20	01/03/20	01/04/20	01/05/20	01/06/20	01/07/20	01/08/20	01/09/20	01/10/20	01/11/20	01/12/20	01/01/21	01/02/21	01/03/21	01/04/21	01/05/21	01/06/21	01/07/21	01/08/21	01/09/21	01/10/21	01/11/21	01/12/21	01/01/22	01/02/22	01/03/22	01/04/22	01/05/22	01/06/22	01/07/22	01/08/22	01/09/22	01/10/22	01/11/22	01/12/22	01/01/23	01/02/23	01/03/23	01/04/23	01/05/23	01/06/23	01/07/23	01/08/23	01/09/23	01/10/23	01/11/23	01/12/23	01/01/24	01/02/24	01/03/24	01/04/24	01/05/24	01/06/24	01/07/24	01/08/24	01/09/24	01/10/24	01/11/24	01/12/24	01/01/25	01/02/25	01/03/25	01/04/25	01/05/25	01/06/25	01/07/25	01/08/25	01/09/25	01/10/25	01/11/25	01/12/25	01/01/26	01/02/26	01/03/26	01/04/26	01/05/26	01/06/26	01/07/26	01/08/26	01/09/26	01/10/26	01/11/26	01/12/26	01/01/27	01/02/27	01/03/27	01/04/27	01/05/27	01/06/27	01/07/27	01/08/27	01/09/27	01/10/27	01/11/27	01/12/27	01/01/28	01/02/28	01/03/28	01/04/28	01/05/28	01/06/28	01/07/28	01/08/28	01/09/28	01/10/28	01/11/28	01/12/28	01/01/29	01/02/29	01/03/29	01/04/29	01/05/29	01/06/29	01/07/29	01/08/29	01/09/29	01/10/29	01/11/29	01/12/29	01/01/30	01/02/30	01/03/30	01/04/30	01/05/30	01/06/30	01/07/30	01/08/30	01/09/30	01/10/30	01/11/30	01/12/30	01/01/31	01/02/31	01/03/31	01/04/31	01/05/31	01/06/31	01/07/31	01/08/31	01/09/31	01/10/31	01/11/31	01/12/31	01/01/32	01/02/32	01/03/32	01/04/32	01/05/32	01/06/32	01/07/32	01/08/32	01/09/32	01/10/32	01/11/32	01/12/32	01/01/33	01/02/33	01/03/33	01/04/33	01/05/33	01/06/33	01/07/33	01/08/33	01/09/33	01/10/33	01/11/33	01/12/33	01/01/34	01/02/34	01/03/34	01/04/34	01/05/34	01/06/34	01/07/34	01/08/34	01/09/34	01/10/34	01/11/34	01/12/34	01/01/35	01/02/35	01/03/35	01/04/35	01/05/35	01/06/35	01/07/35	01/08/35	01/09/35	01/10/35	01/11/35	01/12/35	01/01/36	01/02/36	01/03/36	01/04/36	01/05/36	01/06/36	01/07/36	01/08/36	01/09/36	01/10/36	01/11/36	01/12/36	01/01/37	01/02/37	01/03/37	01/04/37	01/05/37	01/06/37	01/07/37	01/08/37	01/09/37	01/10/37	01/11/37	01/12/37	01/01/38	01/02/38	01/03/38	01/04/38	01/05/38	01/06/38	01/07/38	01/08/38	01/09/38	01/10/38	01/11/38	01/12/38	01/01/39	01/02/39	01/03/39	01/04/39	01/05/39	01/06/39	01/07/39	01/08/39	01/09/39	01/10/39	01/11/39	01/12/39	01/01/40	01/02/40	01/03/40	01/04/40	01/05/40	01/06/40	01/07/40	01/08/40	01/09/40	01/10/40	01/11/40	01/12/40	01/01/41	01/02/41	01/03/41	01/04/41	01/05/41	01/06/41	01/07/41	01/08/41	01/09/41	01/10/41	01/11/41	01/12/41	01/01/42	01/02/42	01/03/42	01/04/42	01/05/42	01/06/42	01/07/42	01/08/42	01/09/42	01/10/42	01/11/42	01/12/42	01/01/43	01/02/43	01/03/43	01/04/43	01/05/43	01/06/43	01/07/43	01/08/43	01/09/43	01/10/43	01/11/43	01/12/43
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UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND OR OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION. CONTRACTOR TO NOTIFY ENGINEER OF ANY CHANGES OR DISCREPANCIES.

FAST

 **Call**
before you
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1-702-432-5300
FREEWAY AND ARTERIAL
SYSTEM OF TRANSPORTATION



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**CALL BEFORE
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- ① CONSTRUCT ROCK MAINTENANCE ROAD
2" CRUSHED GRAVEL/GRAVEL @ 95% COMPACTION
- ② CONSTRUCT CONCRETE CUT-OFF PROTECTION DEPTH VARIES
- ③ INSTALL LARGE ROCK GROUTED RIPRAP PER
DETAIL 22/D-2
- ④ INSTALL STORM DRAIN CAP PER DETAIL 20/D-2
- ⑤ INSTALL STORM DRAIN FLARED END PER DETAIL 21/D-2
- ⑥ EXISTING RIPRAP TO BE REMOVED

CITY OF LAS VEGAS BENCHMARK 7LV09 34SW6

RIVET AND ROUND PLATE IN THE TOP OF CURB AT THE
SOUTHEAST CORNER OF DESERT MOON RD. AND SKY VISTA
DR.

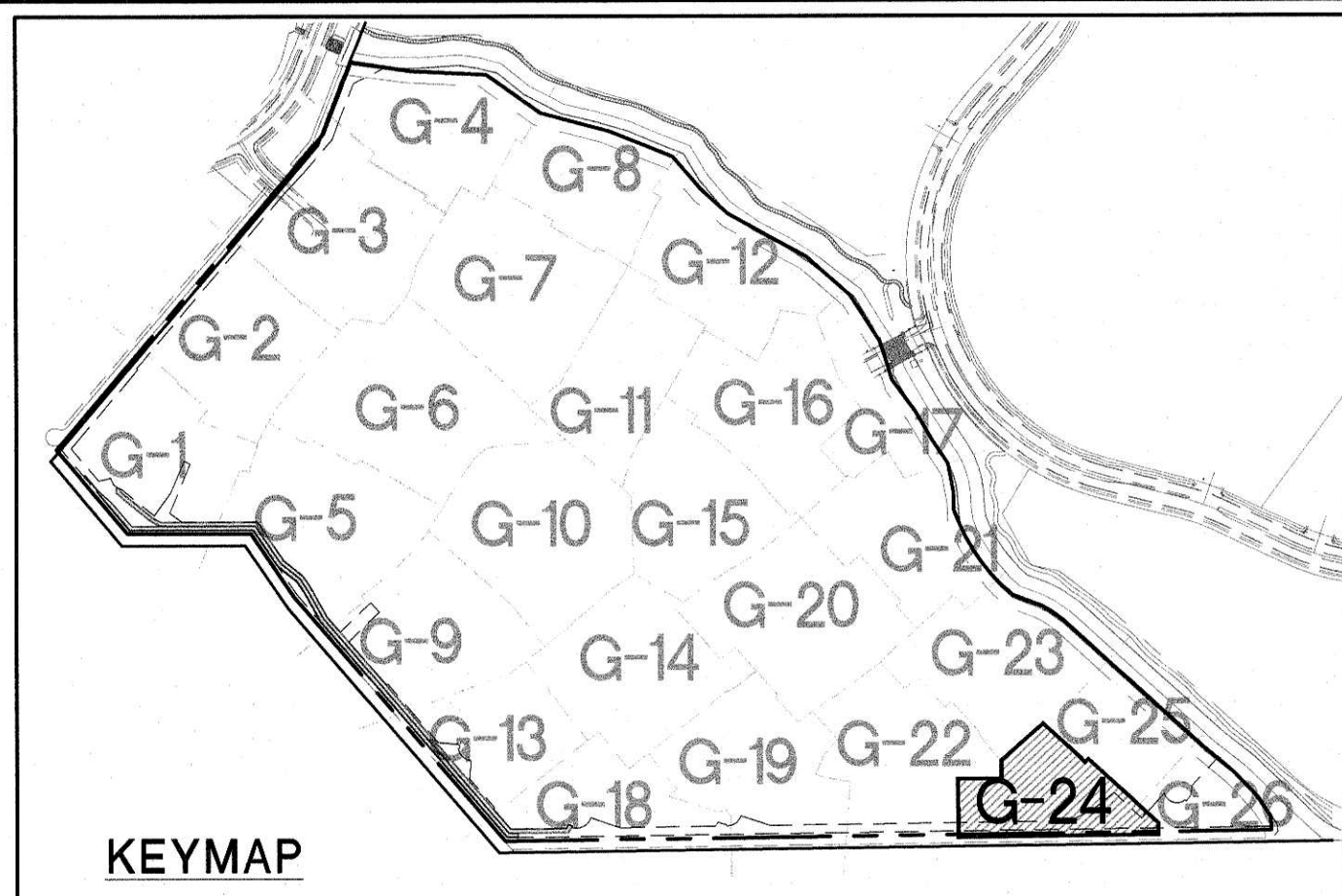
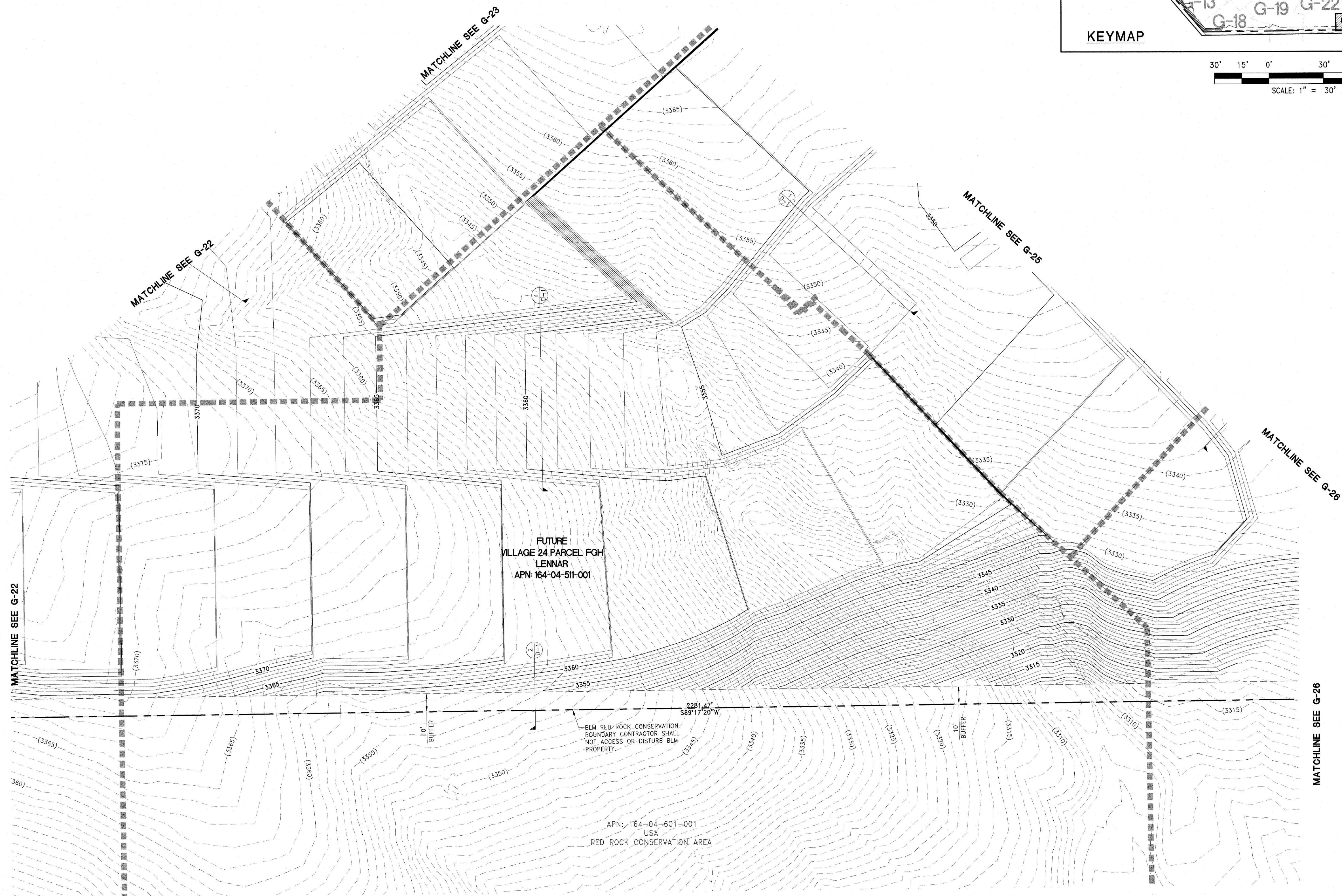
ELEVATION = 1011.422 METERS (NAVD '88)
ELEVATION = 3318.31 US SURVEY FEET (NAVD '88)

NORTH 05°36'00" WEST, BEING THE BEARING OF THE WEST LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 33, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., AS SHOWN IN FILE 118, PAGE 100 OF PARCEL MAPS ON FILE AT THE CLARK COUNTY, NEVADA RECORDERS OFFICE

ACCORDING TO THE FEMA FLOOD INSURANCE RATE MAP (FIRM) COMMUNITY PANEL NUMBERS 32003C2150E AND 32003C2125E DATED SEPTEMBER 27, 2002, THE SITE IS LOCATED IN A ZONE "X".

OWNER RESPONSIBLE TO PROVIDE SURVEY MONUMENTATION AS REQUIRED BY CITY OF LAS VEGAS AND CLARK COUNTY UNIFORM STANDARD DRAWING NUMBER 243. OWNER IS ALSO RESPONSIBLE TO REPLACE ALL SURVEY MONUMENTATION DAMAGED, DESTROYED, OR OBSCURED DURING CONSTRUCTION.

1. CONTRACTOR IS RESPONSIBLE FOR DUST AND EROSION CONTROL DURING CONSTRUCTION.
2. ENGINEER TO BE NOTIFIED OF ANY DISCREPANCIES IMMEDIATELY.
3. THESE PLANS SHALL NOT, IN PART OR IN WHOLE, BE USED FOR CONSTRUCTION UNTIL APPROVED AND SIGNED BY THE GOVERNING AGENCIES.
4. ALL GRADING SHALL CONFORM TO SOILS REPORT RECOMMENDATIONS.
5. SOIL REPORT NOTE:
GRADING SHALL BE IN ACCORDANCE
WITH SOILS REPORT PREPARED BY:
ENGINEER: ACCESS CONSULTING ENGINEERS
PROJECT NO. 19-148
DATED: APRIL 20, 2019
6. CUT/FILL ESTIMATES
EXISTING TO FINISH GRADE ELEVATIONS
NET CUT: 683,527 CY
NET FILL: 709,294CY
7. FOR STORMWATER RUNOFF MANAGEMENT SEE REFERENCE TO SHEET N-1



DATE:	August 01, 2019	REV	DESCRIPTION	BY	APPD	DATE
HORIZ. SCALE:	1"=50'					
VERT. SCALE:	N/A					
DRAWN BY:	SC					
DESIGNED BY:	AW					
CHECKED BY:	CZ					
APPROVED BY:						
PROJECT #:	30463052					

LENNAR®
9275 W. RUSSELL RD SUITE 400, LAS VEGAS, NV 89148
PHONE: (702) 736-9100 FAX: (702) 736-9200



RCI ENGINEERING
500 SOUTH RANCHO DRIVE, SUITE 17, LAS VEGAS, NV 89106
MAIN: 702.453.0800 FAX: 702.453.0801

IMPROVEMENT PLANS FOR
SUMMERLIN VILLAGE 24 PARCEL FGH
RED ROCK WASH IMPROVEMENTS
AND MASS GRADING
GRADING PLAN (SHEET 24 OF 26)

DATE: 8-1-19
DRAWING
G-24
SHT 26 OF 36
CLV DRAWING NUMBER
CLV PROJECT #

I HEREBY CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY DS # _____ ON FILE WITH CITY OF LAS VEGAS FOR THIS PROJECT.

CHRISTOPHER R. ZRINYI, PE NO. 13976

DATE _____

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND OR OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION. CONTRACTOR TO NOTIFY ENGINEER OF ANY CHANGES OR DISCREPANCIES.

FAST

 **Call**
before you
UnderGround
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SYSTEM OF TRANSPORTATION

AVOID HITTING OVERHEAD
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YOU DO
OVERHEAD**



1-702-227-2929

CITY OF LAS VEGAS BENCHMARK 7LV09 34SW6

RIVET AND ROUND PLATE IN THE TOP OF CURB AT THE
SOUTHEAST CORNER OF DESERT MOON RD. AND SKY VISTA
DR.

ELEVATION = 1011.422 METERS (NAVD '88)
ELEVATION = 3318.31 US SURVEY FEET (NAVD '88)

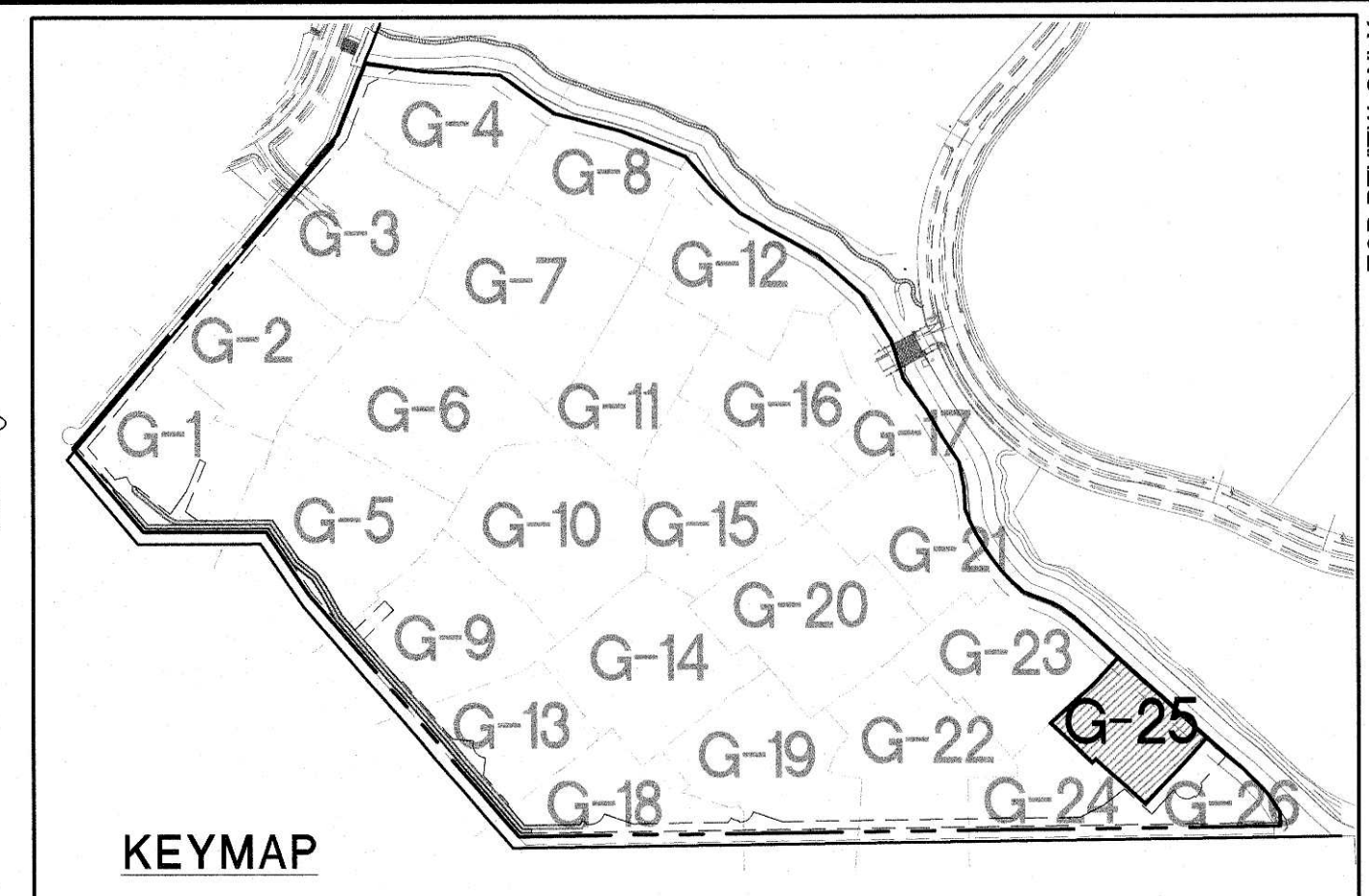
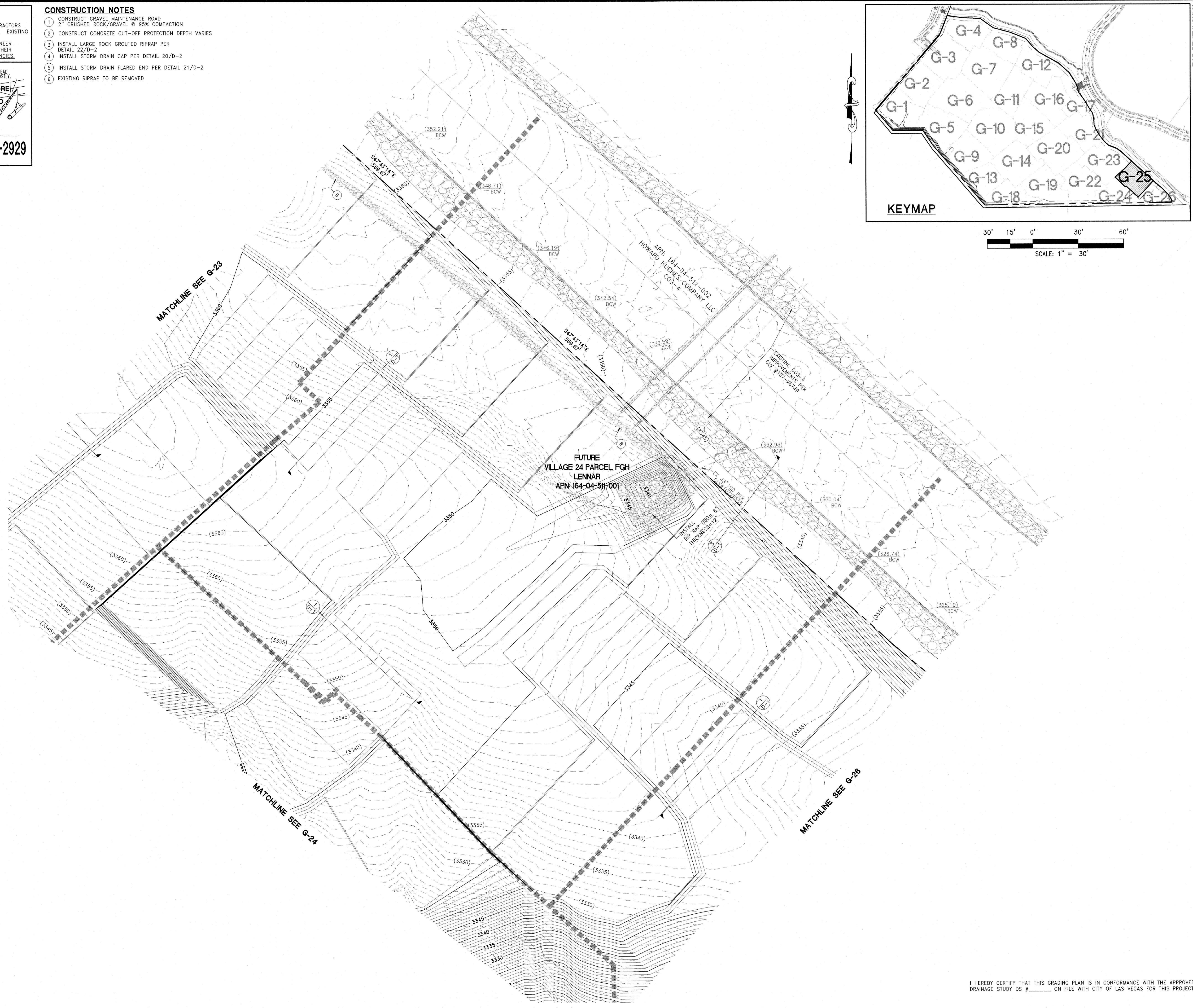
NORTH 05°36'00" WEST, BEING THE BEARING OF THE WEST
LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION
33, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., AS
SHOWN IN FILE 118, PAGE 100 OF PARCEL MAPS ON FILE
AT THE CLARK COUNTY, NEVADA RECORDERS OFFICE

ACCORDING TO THE FEMA FLOOD INSURANCE RATE MAP (FIRM) COMMUNITY PANEL NUMBERS 32003C2150E AND 32003C2125E DATED SEPTEMBER 27, 2002, THE SITE IS LOCATED IN A ZONE "X".

OWNER RESPONSIBLE TO PROVIDE SURVEY MONUMENTATION AS
REQUIRED BY CITY OF LAS VEGAS AND CLARK COUNTY UNIFORM
STANDARD DRAWING NUMBER 243. OWNER IS ALSO RESPONSIBLE TO
REPLACE ALL SURVEY MONUMENTATION DAMAGED, DESTROYED, OR
OBSCURED DURING CONSTRUCTION.

1. CONTRACTOR IS RESPONSIBLE FOR DUST AND EROSION CONTROL DURING CONSTRUCTION.
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4. ALL GRADING SHALL CONFORM TO SOILS REPORT RECOMMENDATIONS.
5. SOIL REPORT NOTE:
GRADING SHALL BE IN ACCORDANCE
WITH SOILS REPORT PREPARED BY:
ENGINEER: ACCESS CONSULTING ENGINEERS
PROJECT NO. 19-148
DATED: APRIL 20, 2019
6. CUT/FILL ESTIMATES
EXISTING TO FINISH GRADE ELEVATIONS
NET CUT: 683.327' C.Y.
NET FILL: 709.254C.Y.
7. FOR STORMWATER RUNOFF MANAGEMENT NOTES REFER TO SHEET N-1

- ① CONSTRUCT GRAVEL MAINTENANCE ROAD
2" CRUSHED ROCK/GRAVEL @ 95% COMPACTION
- ② CONSTRUCT CONCRETE CUT-OFF PROTECTION DEPTH VARIES
- ③ INSTALL LARGE ROCK GROUTED RIPRAP PER
DETAIL 22/D-2
- ④ INSTALL STORM DRAIN CAP PER DETAIL 20/D-2
- ⑤ INSTALL STORM DRAIN FLARED END PER DETAIL 21/D-2
- ⑥ EXISTING RIPRAP TO BE REMOVED



I HEREBY CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY DS #_____ ON FILE WITH CITY OF LAS VEGAS FOR THIS PROJECT.

CHRISTOPHER R. ZRINYI, PE NO. 13976 DATE

[illegible]

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Call before you Dig
AVOID CUTTING UNDERGROUND
UTILITY LINES. IT'S COSTLY.

Call
811

OR

1-800-227-2600

FAST

 **Call**
before you
UnderGround
1-702-432-5300
FREEWAY AND ARTERIAL
SYSTEM OF TRANSPORTATION

AVOID HITTING OVERHEAD
POWER LINES. IT'S COSTLY.

**CALL BEFORE
YOU DO
OVERHEAD**



1-702-227-2929

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CITY OF LAS VEGAS BENCHMARK 7LV09 34SW6

RIVET AND ROUND PLATE IN THE TOP OF CURB AT THE
SOUTHEAST CORNER OF DESERT MOON RD. AND SKY VISTA
DR.

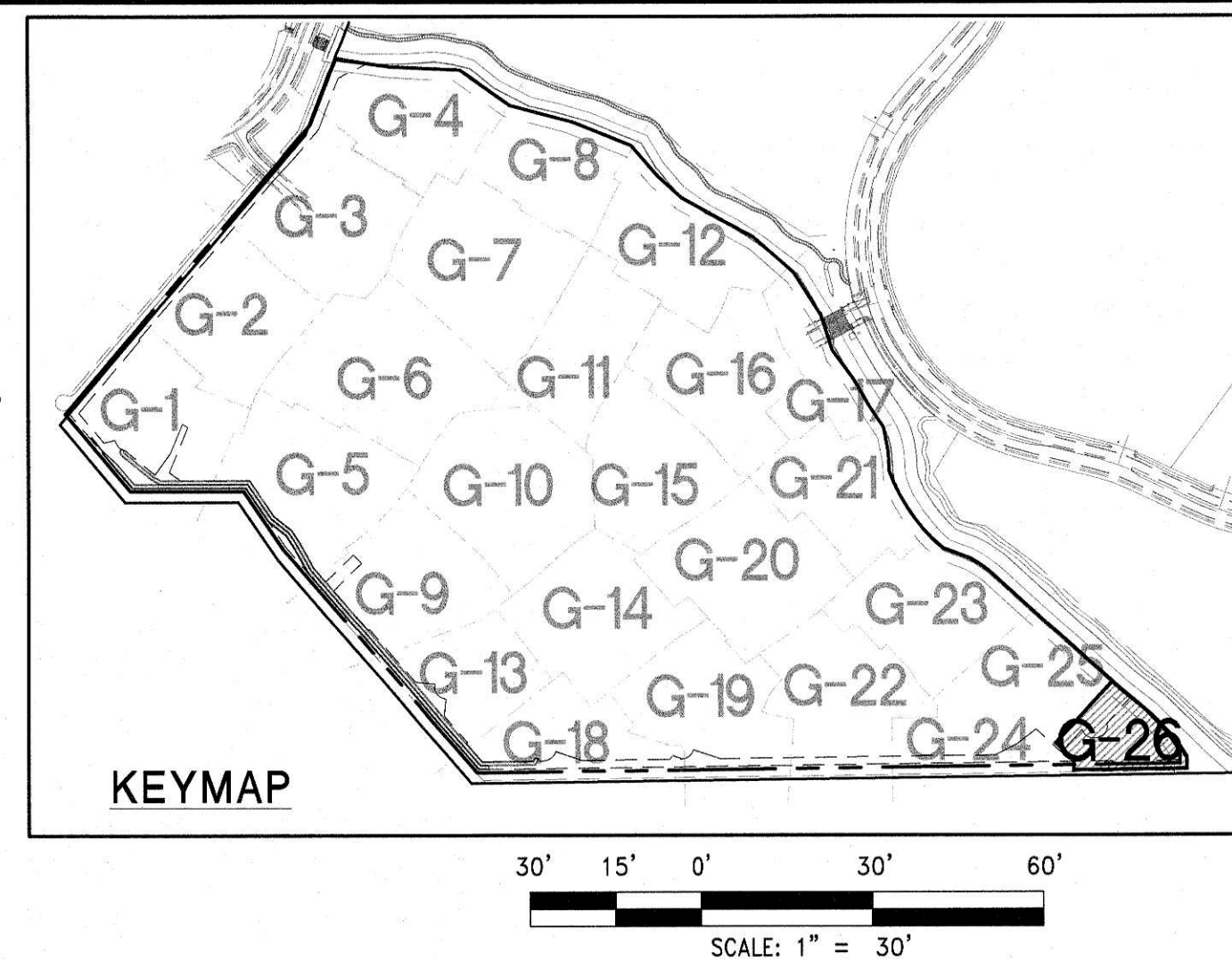
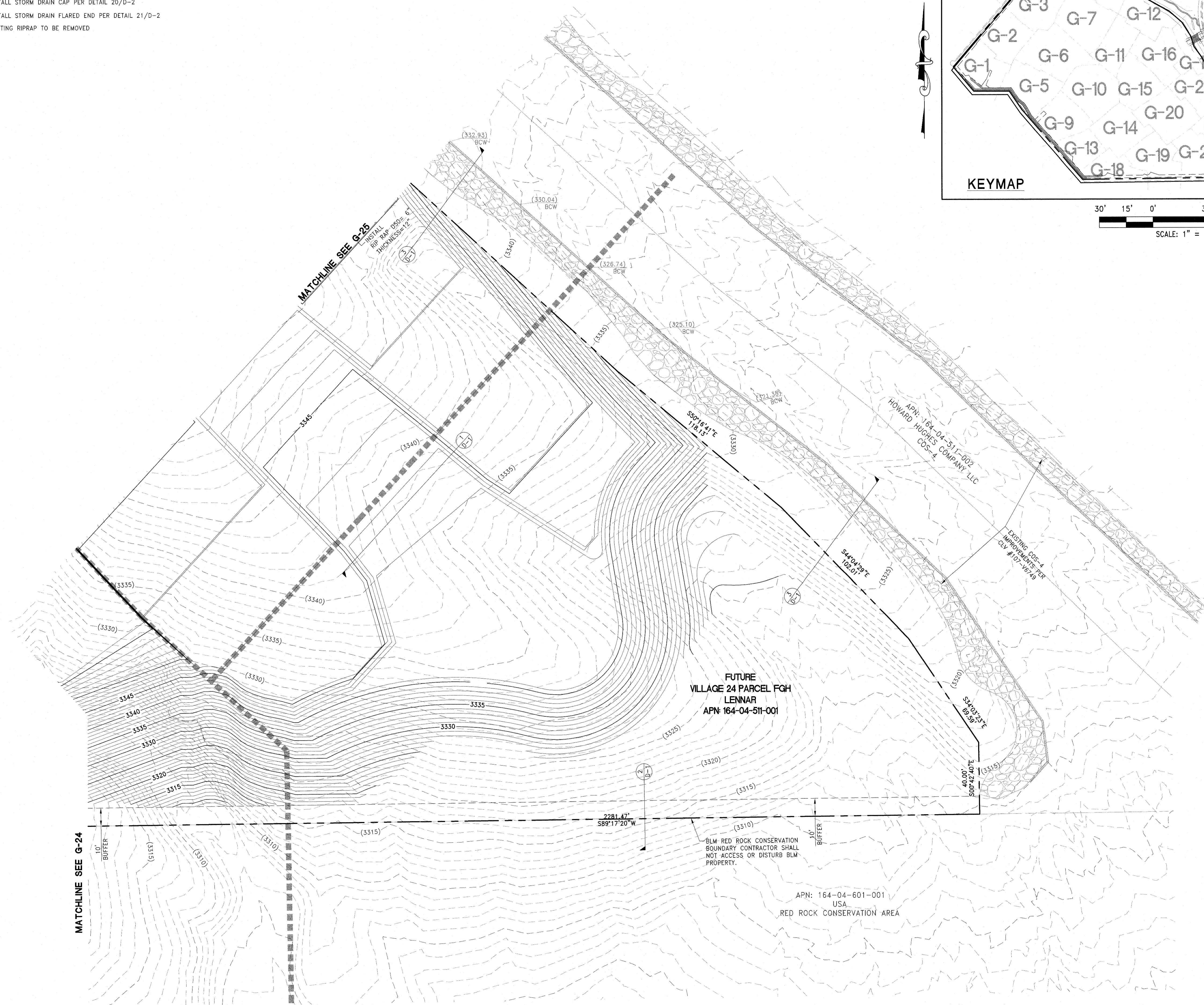
ELEVATION = 1011.422 METERS (NAVD '88)
ELEVATION = 3318.31 US SURVEY FEET (NAVD '88)

NORTH 05°36'00" WEST, BEING THE BEARING OF THE WEST
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33, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., AS
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ACCORDING TO THE FEMA FLOOD INSURANCE RATE MAP (FIRM) COMMUNITY PANEL NUMBERS 32003C2150E AND 32003C2125E DATED SEPTEMBER 27, 2002, THE SITE IS LOCATED IN A ZONE "X".

OWNER RESPONSIBLE TO PROVIDE SURVEY MONUMENTATION AS REQUIRED BY CITY OF LAS VEGAS AND CLARK COUNTY UNIFORM STANDARD DRAWING NUMBER 243. OWNER IS ALSO RESPONSIBLE TO REPLACE ALL SURVEY MONUMENTATION DAMAGED, DESTROYED, OR OBSCURED DURING CONSTRUCTION.

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4. ALL GRADING SHALL CONFORM TO SOILS REPORT RECOMMENDATIONS.
5. SOIL REPORT NOTE:
GRADING SHALL BE IN ACCORDANCE
WITH SOILS REPORT PREPARED BY:
ENGINEER: ACCESS CONSULTING ENGINEERS
PROJECT NO: 19-146
DATED: APRIL 20, 2019
6. CUT/FILL ESTIMATES
EXISTING TO FINISH GRADE ELEVATIONS
NET CUT: 683.527 CY
NET FILL: 709.284CY
7. FOR STORMWATER RUNOFF MANAGEMENT NOTES REFER TO SHEET N-1



REV	DESCRIPTION	BY	APPD	DATE
	DATE: August 01, 2019			
	HORIZ. SCALE: 1"=50'			
	VERT. SCALE: N/A			
	SC			
	DRAWN BY: AW			
	DESIGNED BY: C7			
	CHECKED BY: C7			
	APPROVED BY:			
	PROJECT #: 3040.0057			

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IMPROVEMENT PLANS FOR
SUMMERLIN VILLAGE 24 PARCEL FGH
RED ROCK WASH IMPROVEMENTS
AND MASS GRADING
GRADING PLAN (SHEET 26 OF 26)



DATE: 8-1-19

DRAWING

G-26

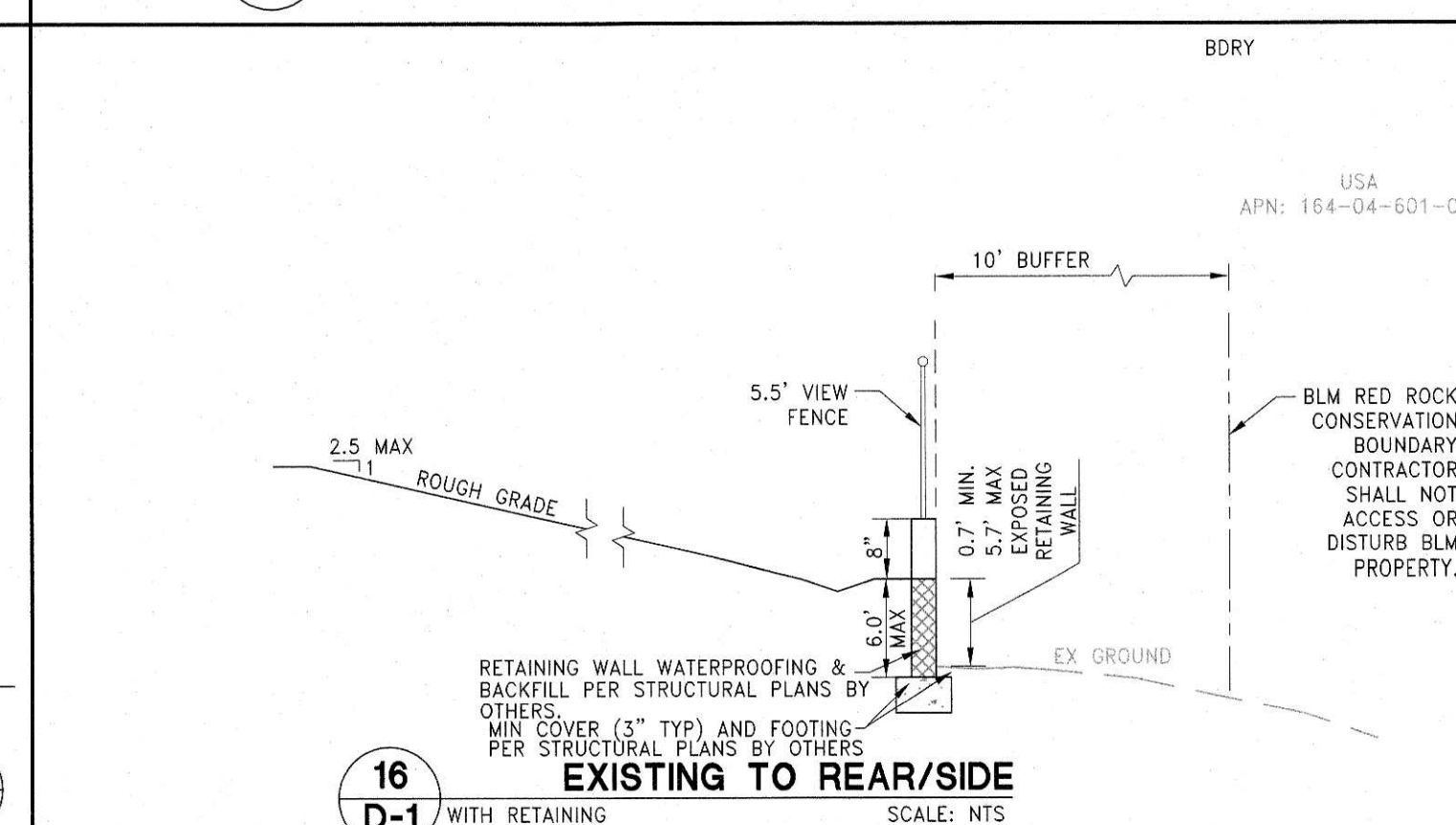
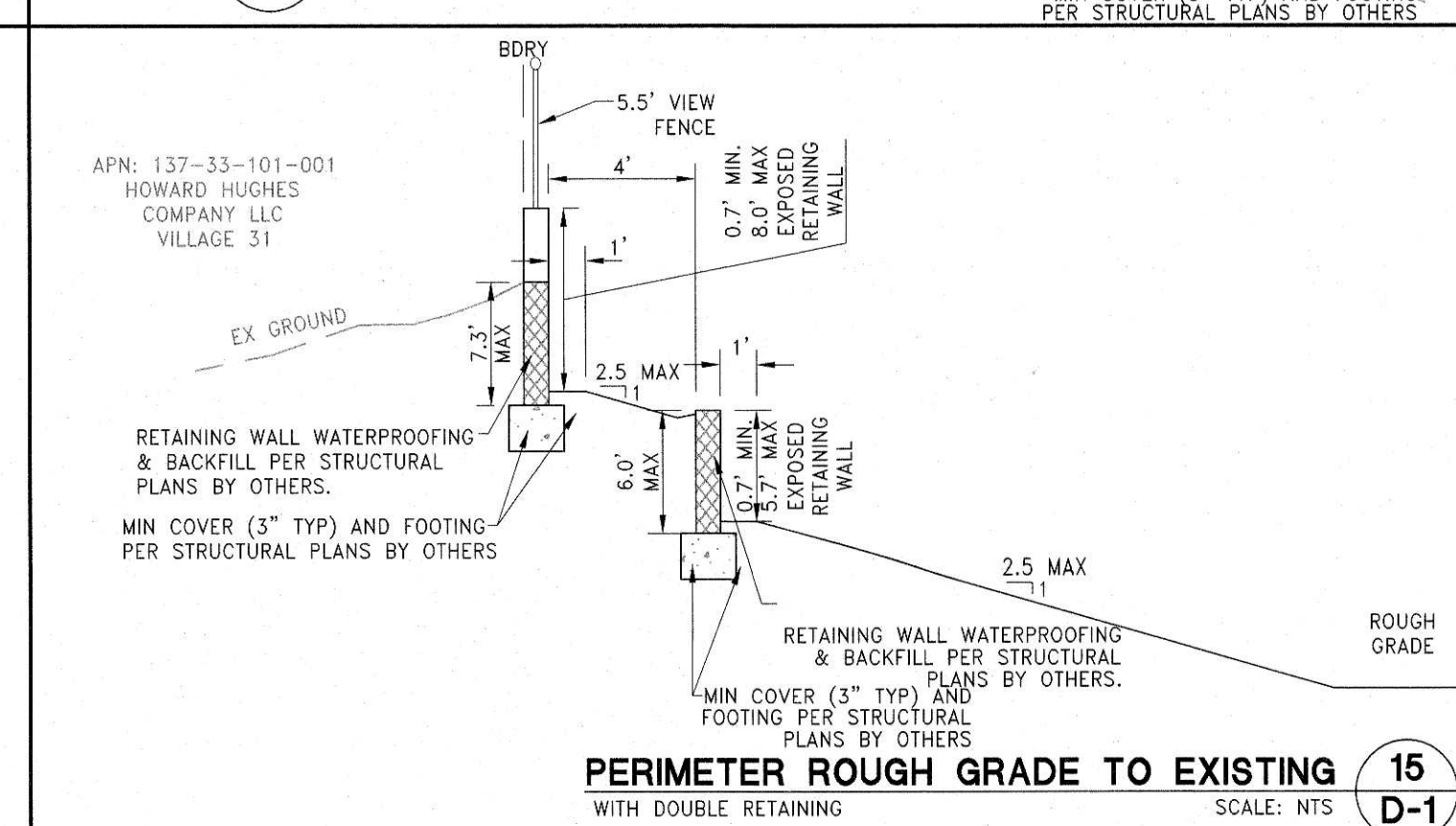
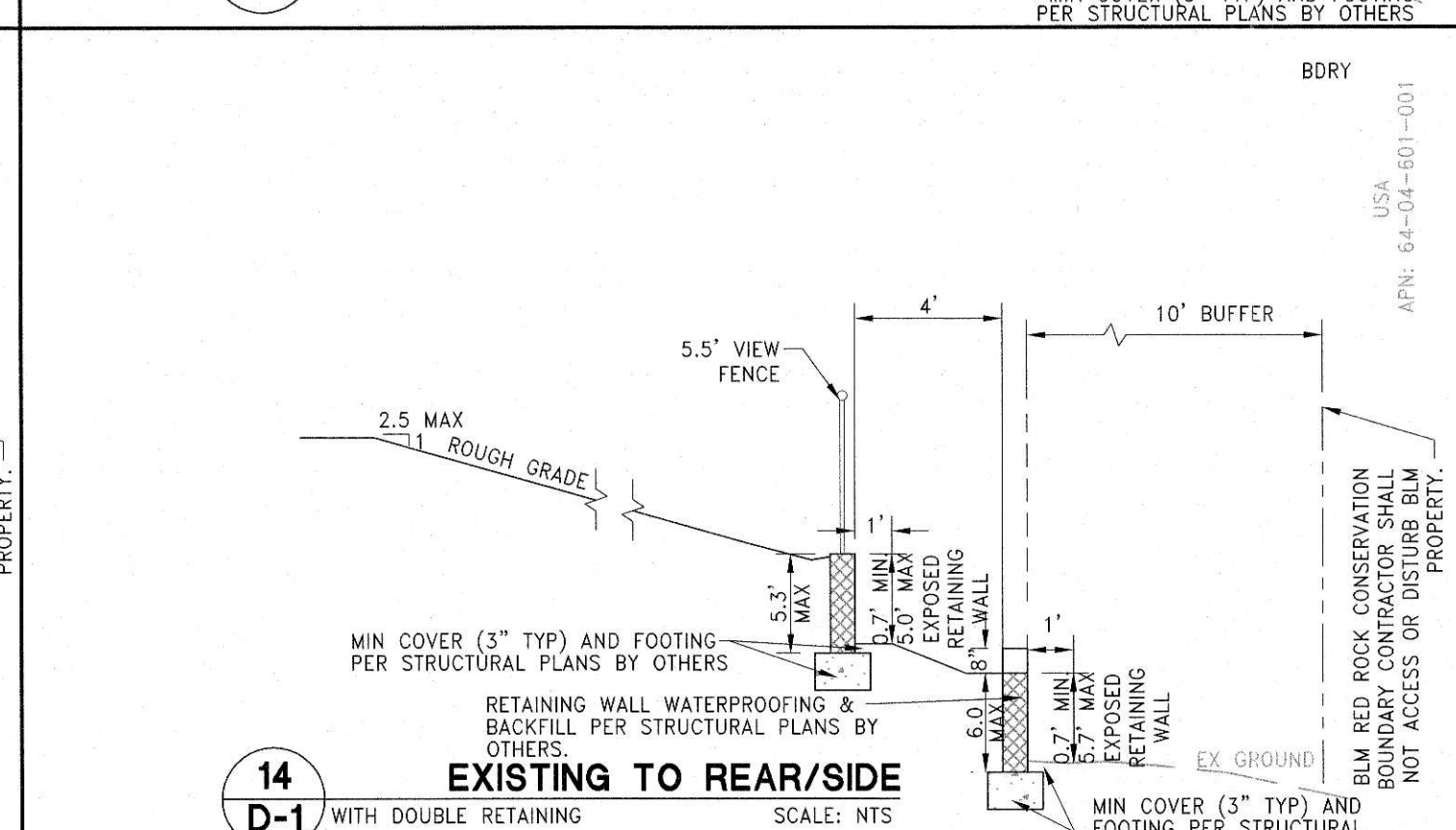
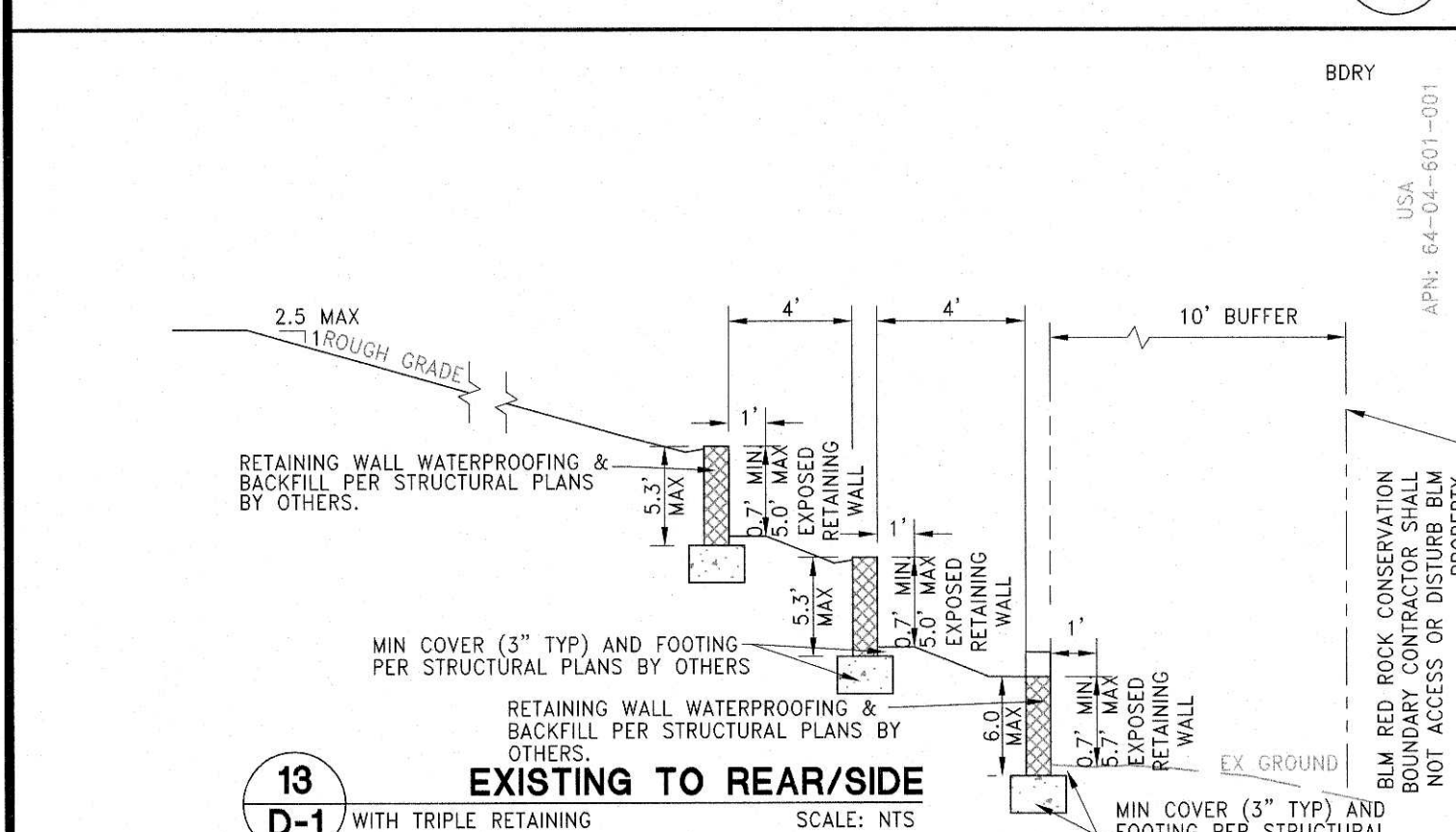
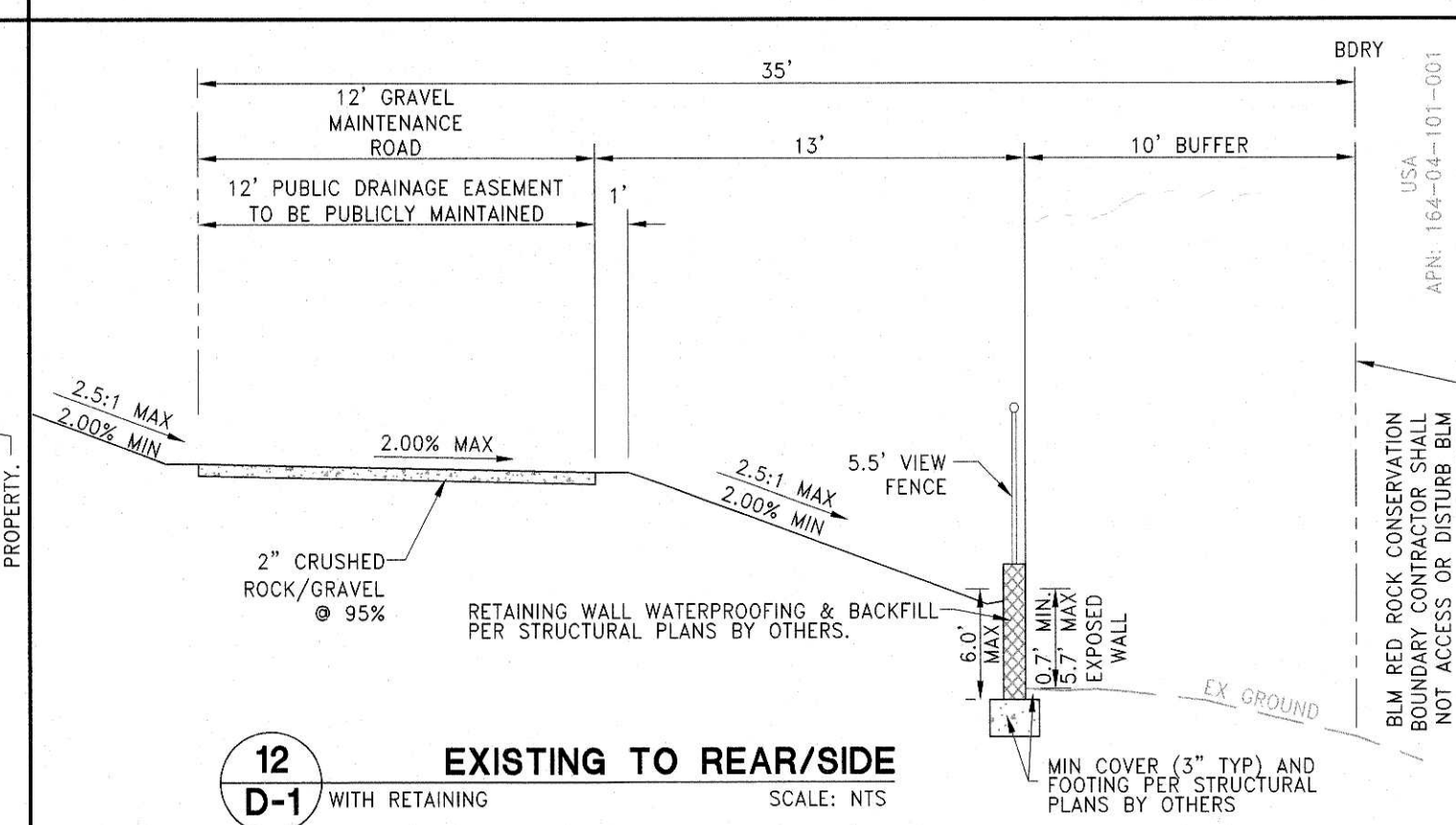
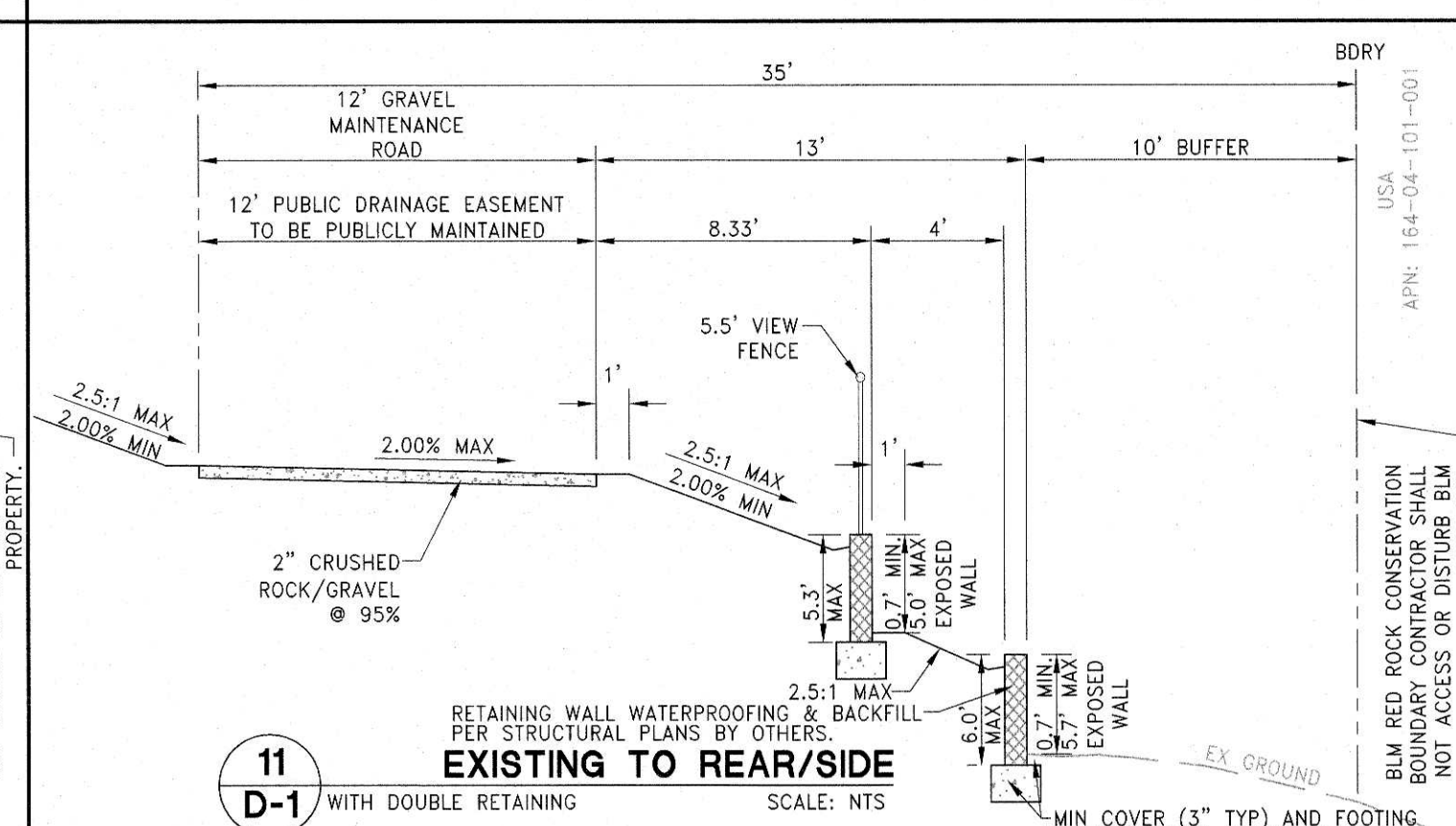
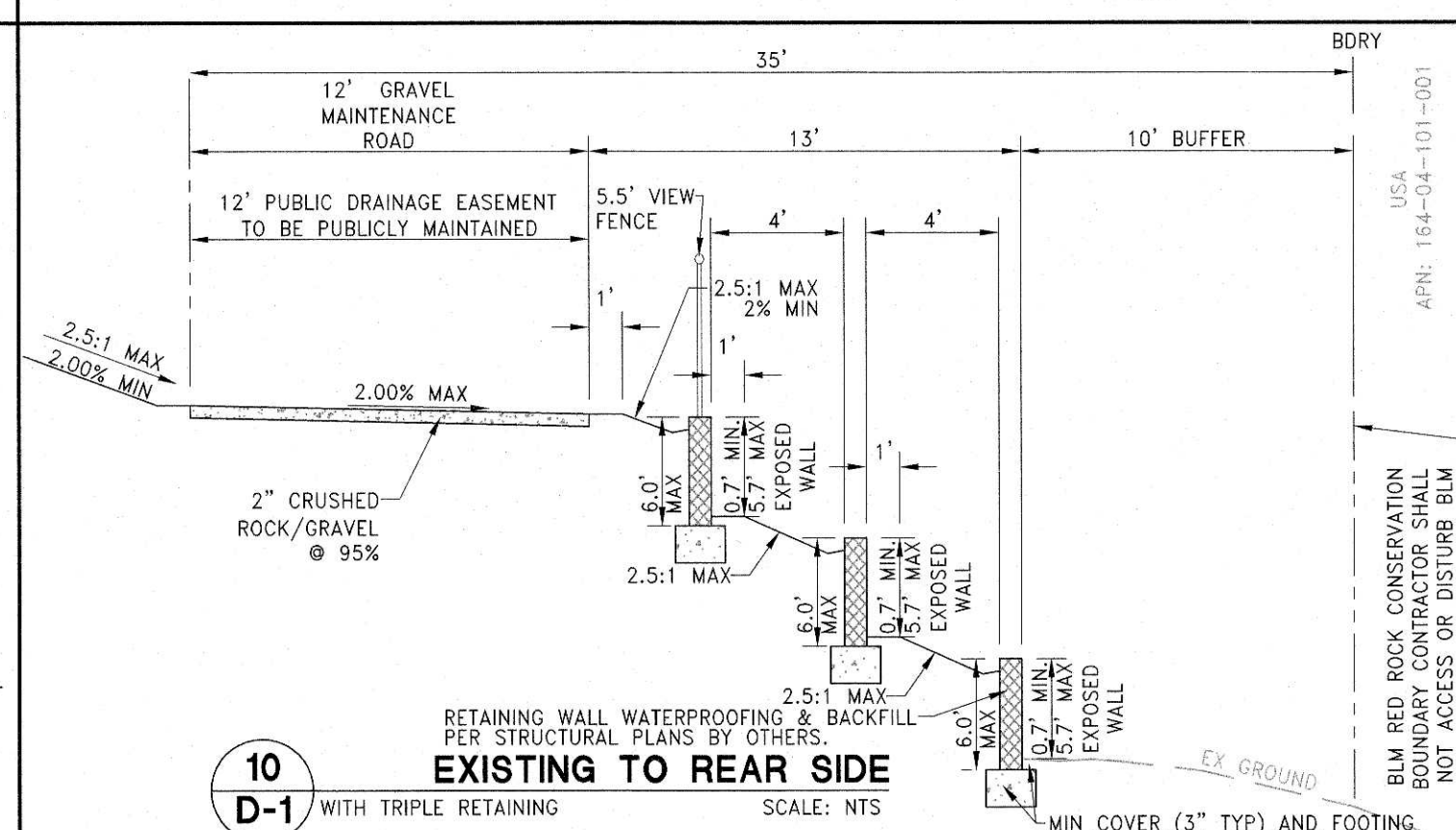
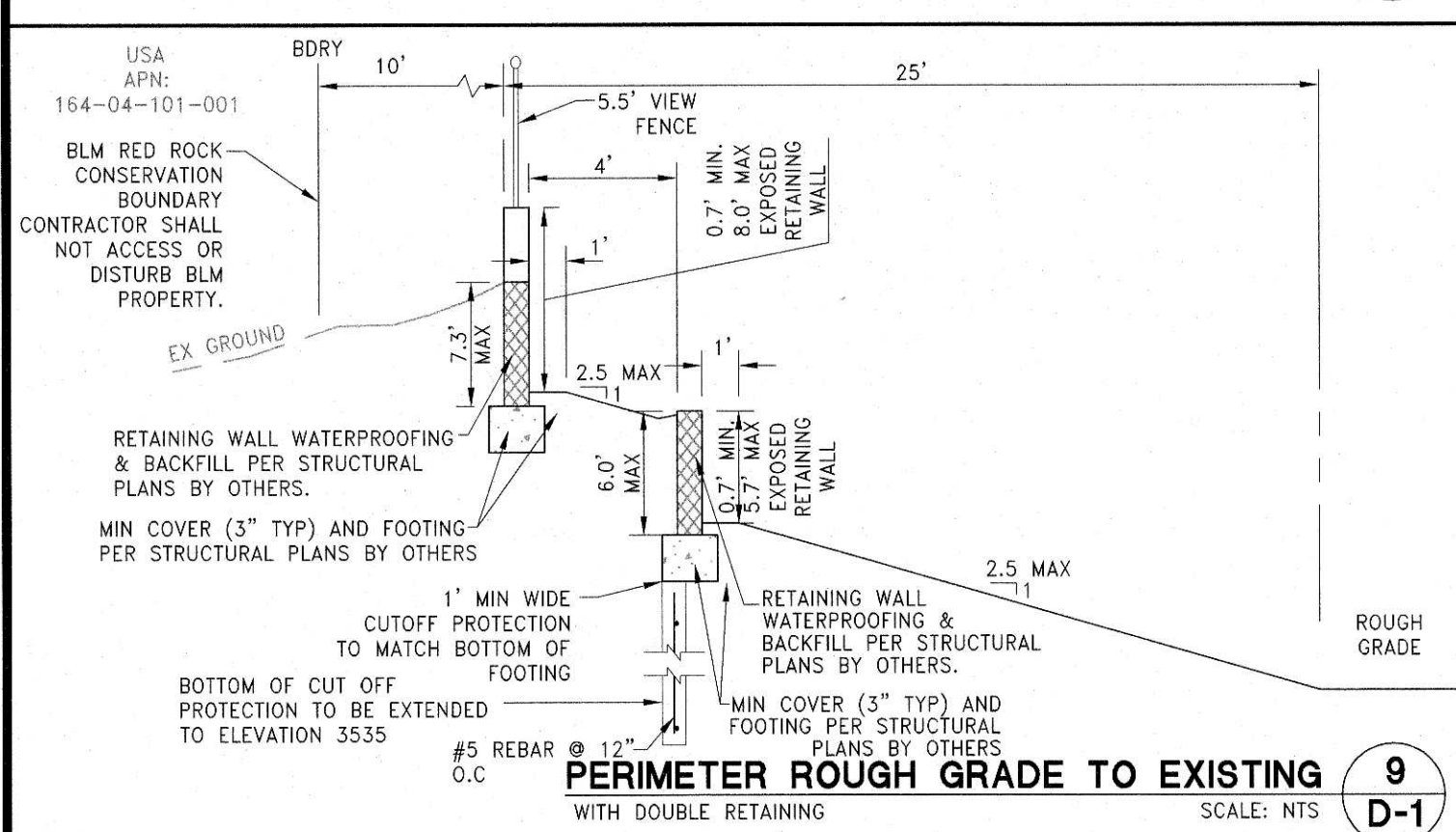
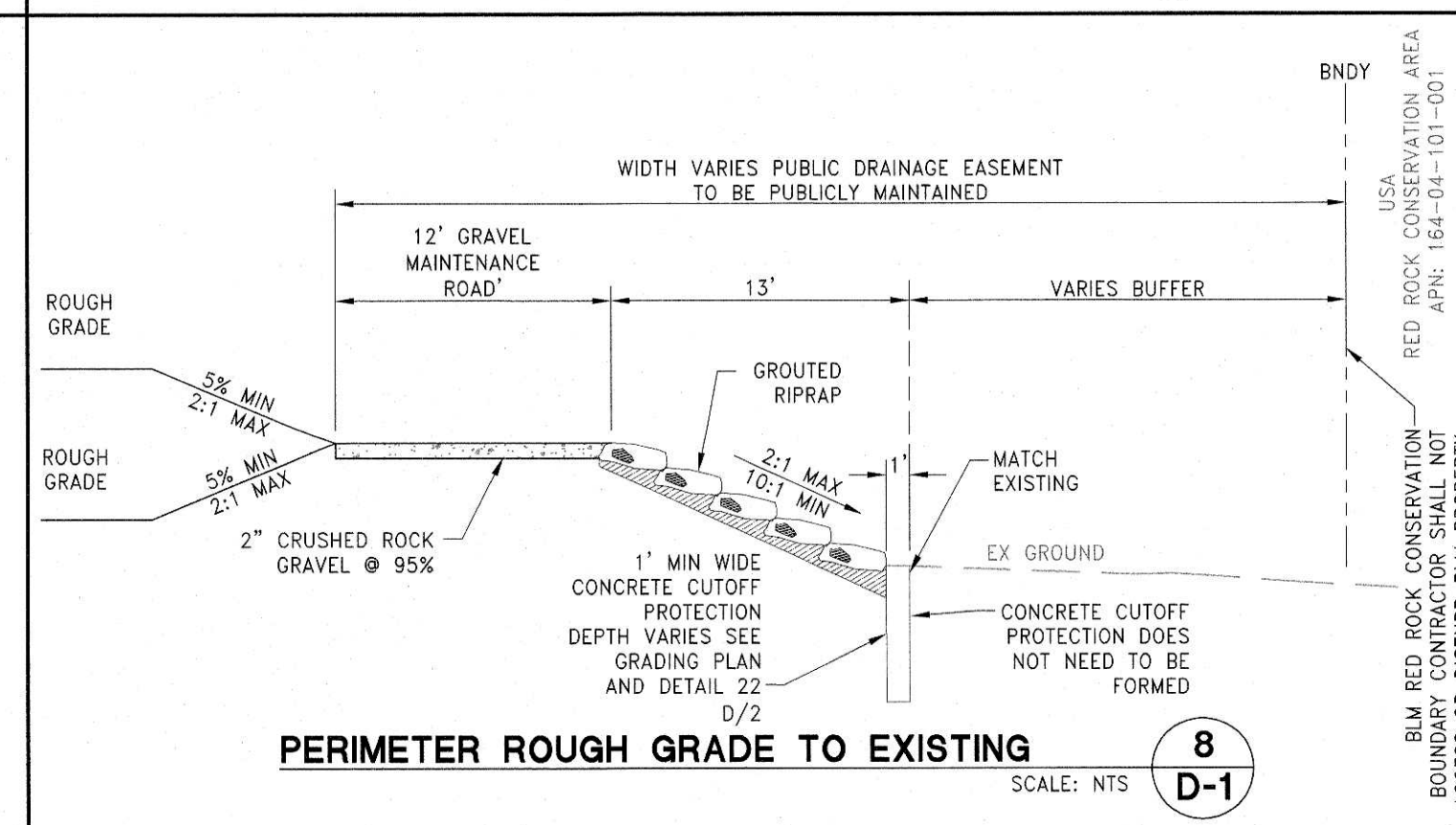
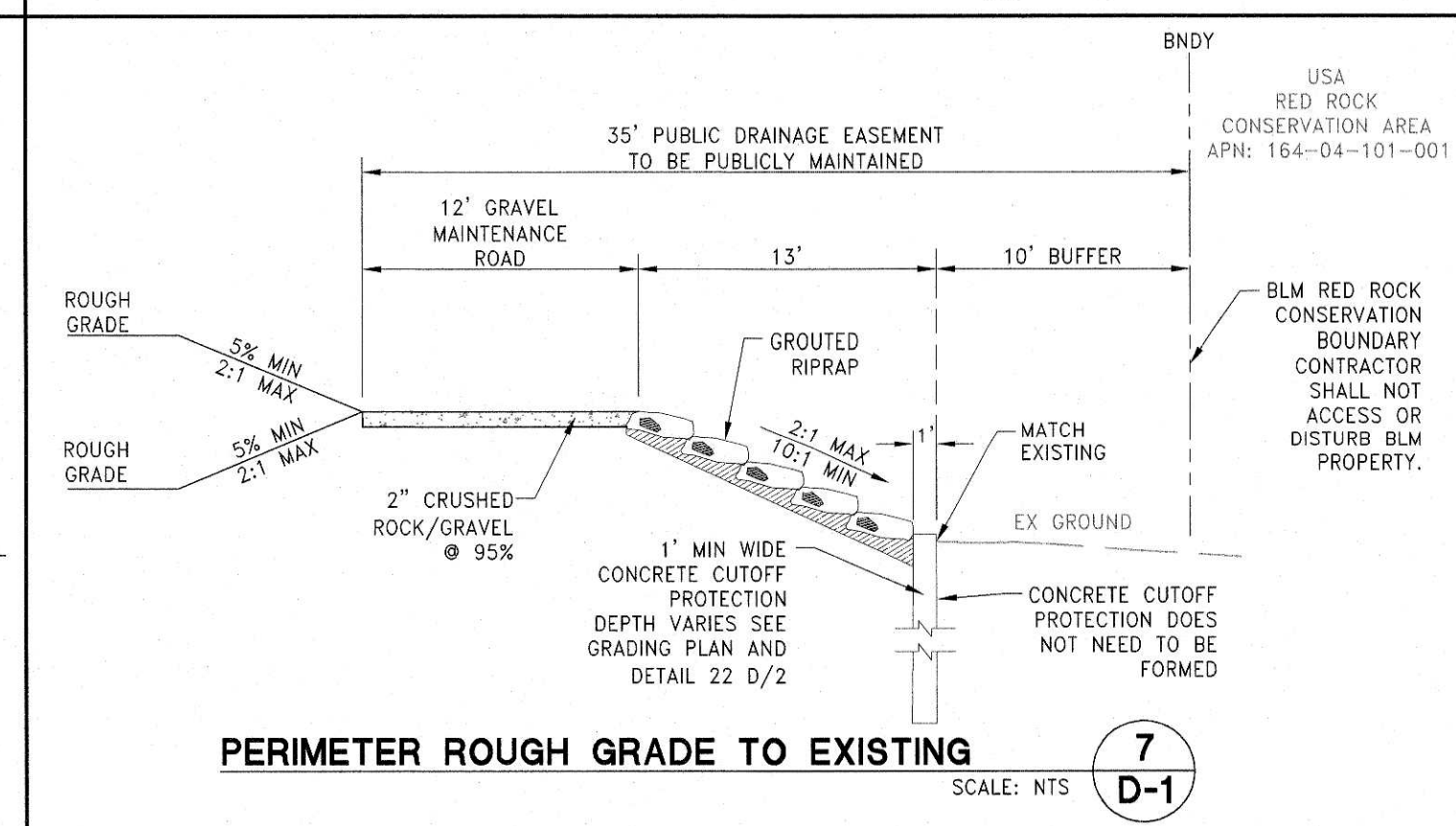
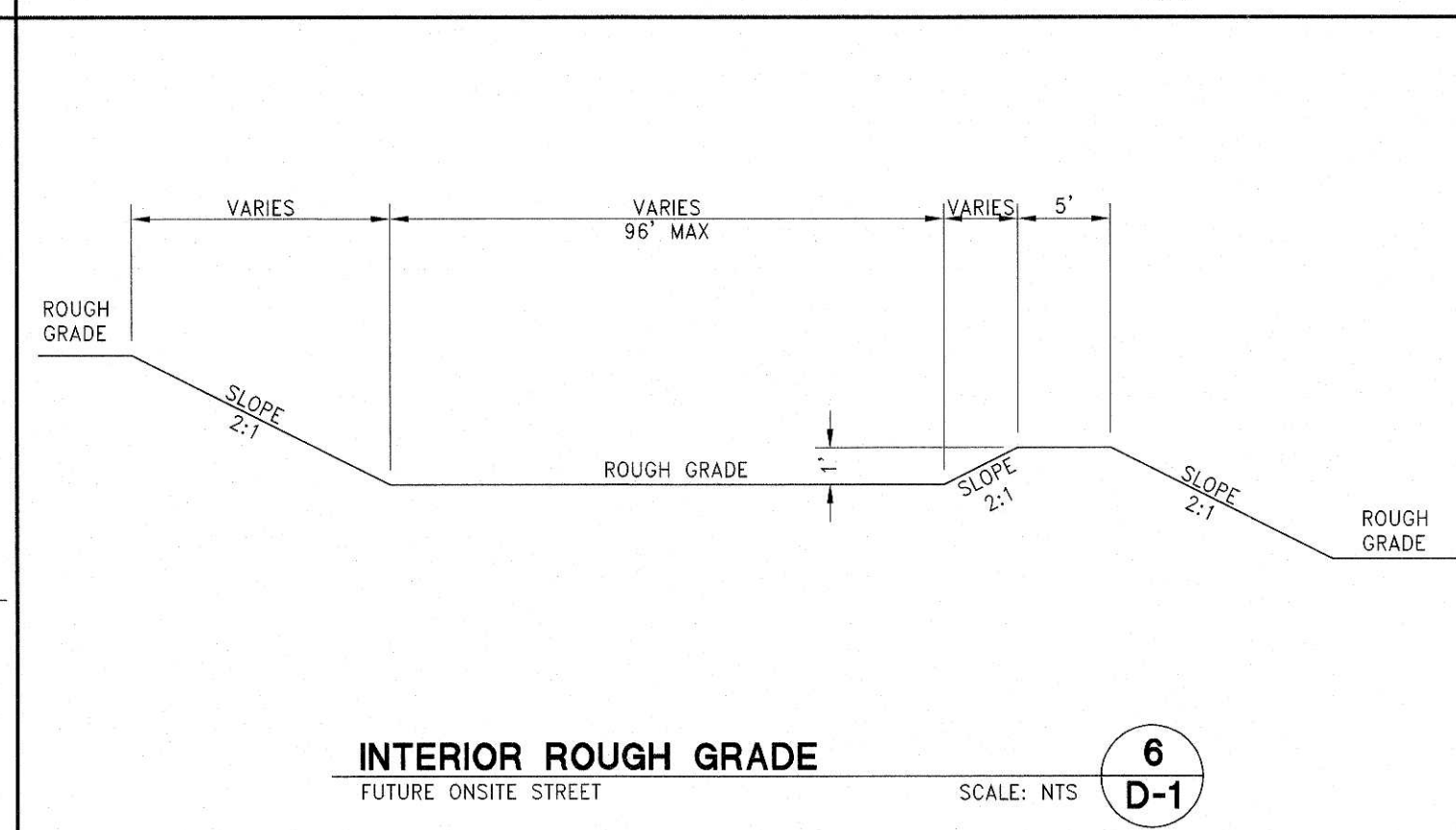
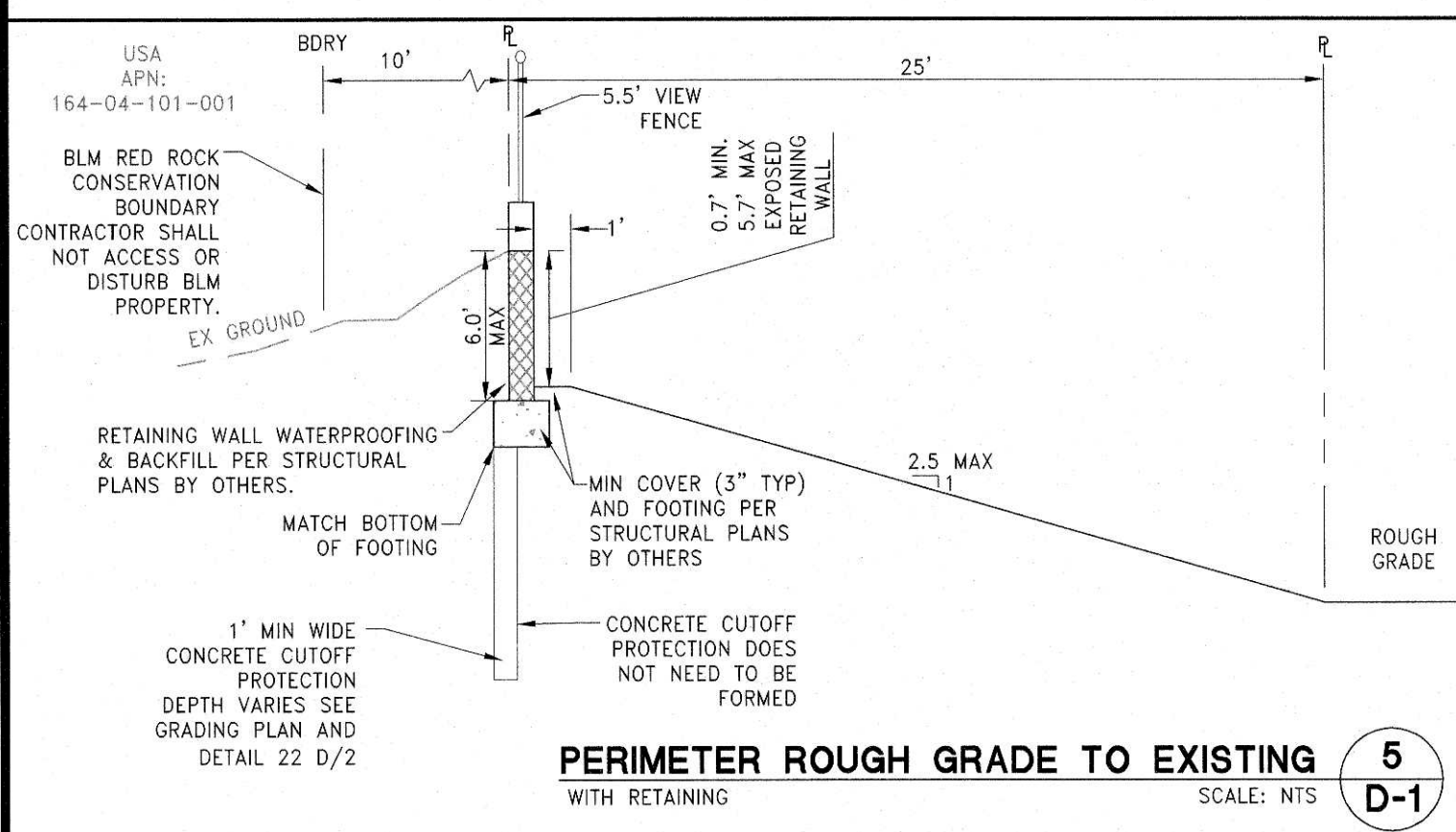
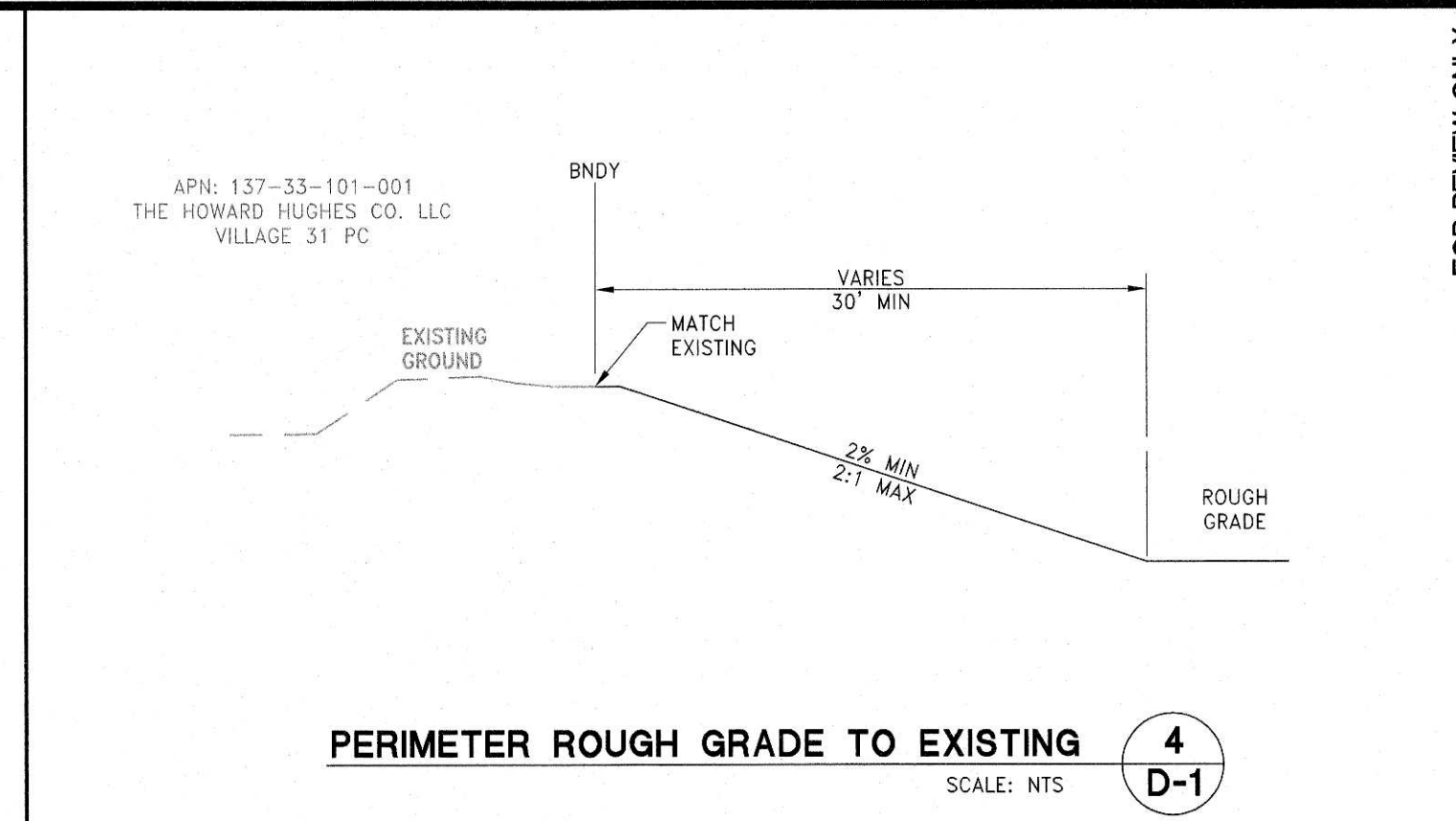
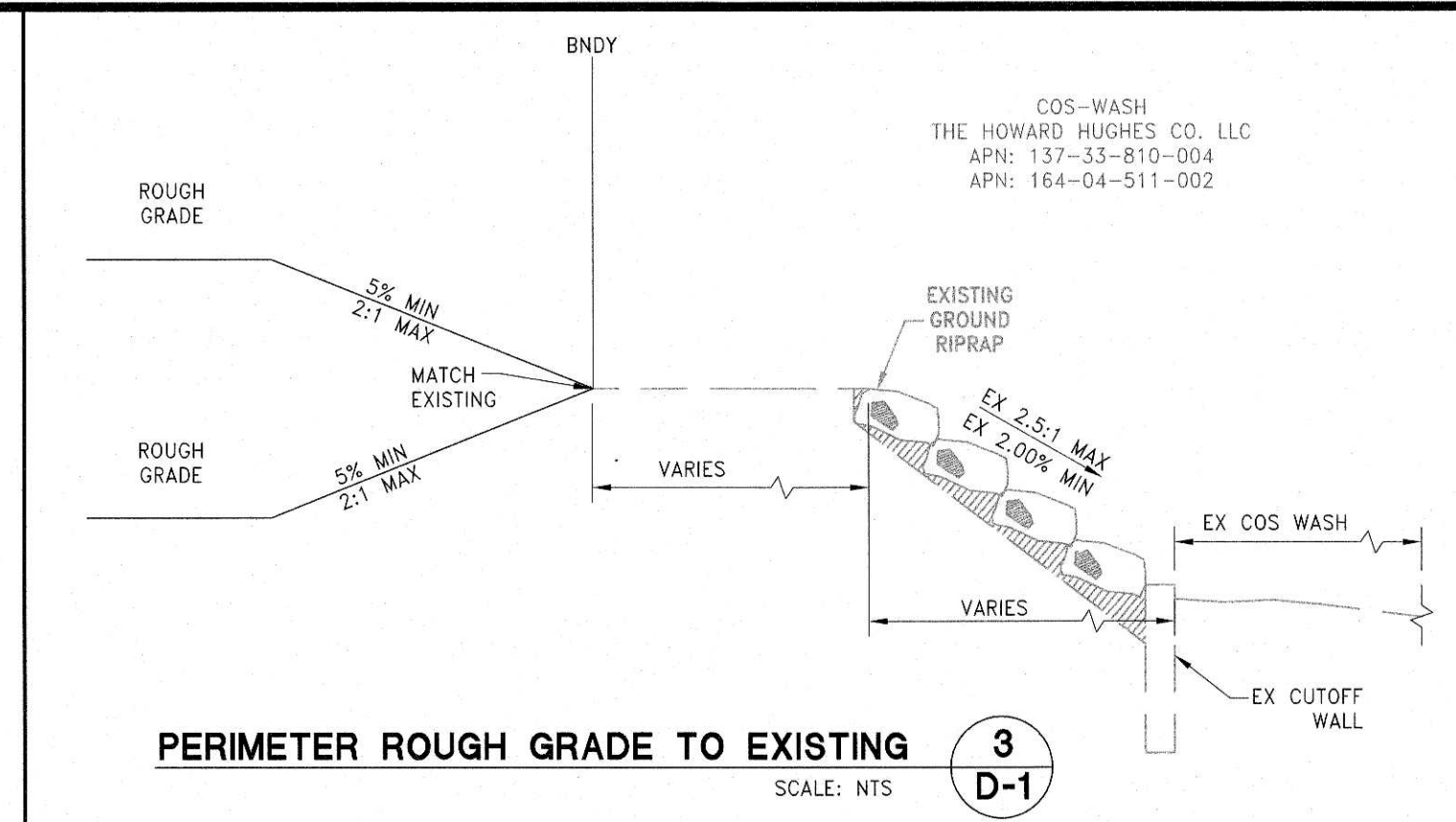
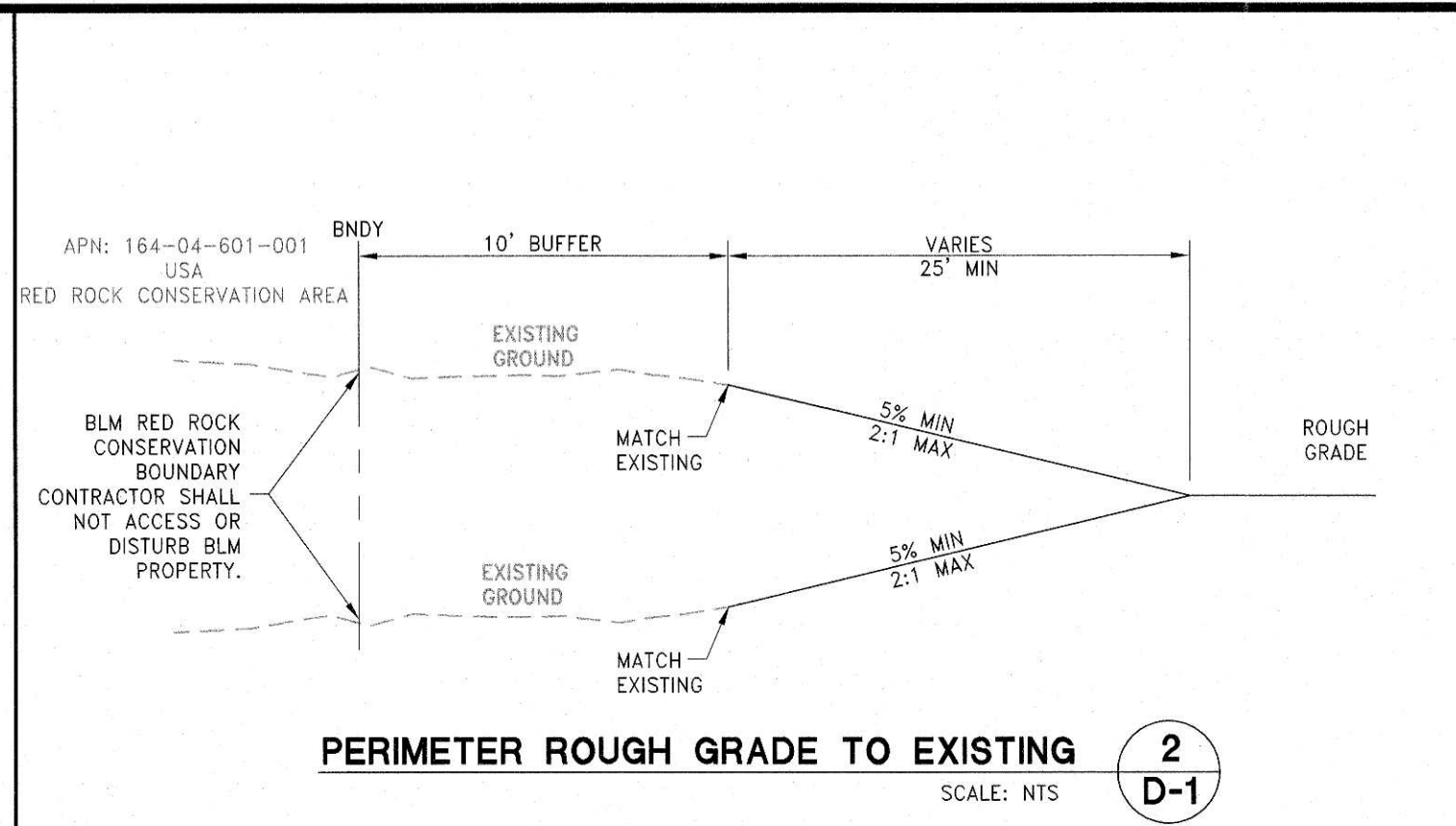
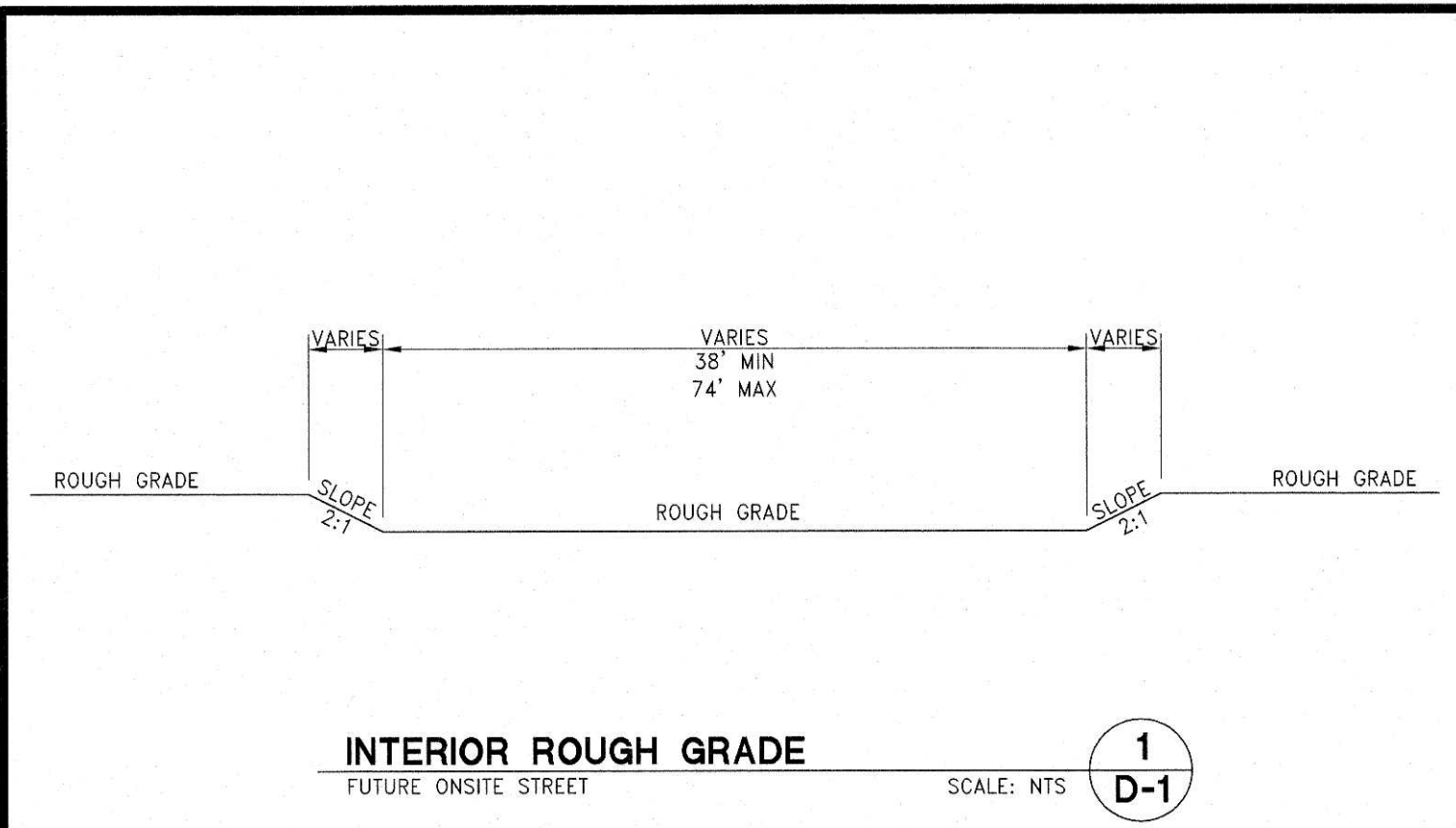
SHT **28** OF **36**

CLV DRAWING NUMBER

CLV PROJECT # _____

I HEREBY CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY DS #_____ ON FILE WITH CITY OF LAS VEGAS FOR THIS PROJECT.

CHRISTOPHER R. ZRINYI, PE NO. 13976 DATE



GEOTECHNICAL NOTE:
A GEOLOGIST OR GEOTECHNICAL ENGINEER SHALL BE ON SITE DURING EXCAVATION AND MASS GRADING OPERATIONS TO EXAMINE THE SOIL CHARACTERISTICS AND GEOLOGICAL CONDITIONS ENCOUNTERED, AND TO PROVIDE PROFESSIONAL ADVICE TO THE OWNER IN THE EVENT THAT UNANTICIPATED SOIL PROBLEMS ARISE AND/OR SUBSURFACE SITE CONDITIONS ARE FOUND TO BE SIGNIFICANTLY DIFFERENT THAN DEFINED BY PRE EXPLORATION AND TESTING.

WALL & SCARP NOTE:
1. CONTRACTOR TO CONSTRUCT ALL SCARP AND MAINTAIN PROPER COVER OVER AND FROM ALL WALL FOOTINGS PER THE SOILS REPORT REFERRED TO ON THE GRADING PLANS. REPORT ANY PROBLEMS IN DOING SO TO THE DEVELOPER AND THE ENGINEER IMMEDIATELY.
2. SCARP LESS THAN 1' VERTICAL NOT SHOWN ON PLANS.
3. ALL WALL ALIGNMENTS SHALL FOLLOW SIGHT VISIBILITY ZONE ALIGNMENT AND REMAIN OUTSIDE OF SIGHT VISIBILITY ZONE.

FOR REVIEW ONLY

REV	DESCRIPTION	DATE
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LENNAR
975 W. RUSSELL RD SUITE 400, LAS VEGAS, NV 89148
PHONE: (702) 756-9100 FAX: (702) 756-9200

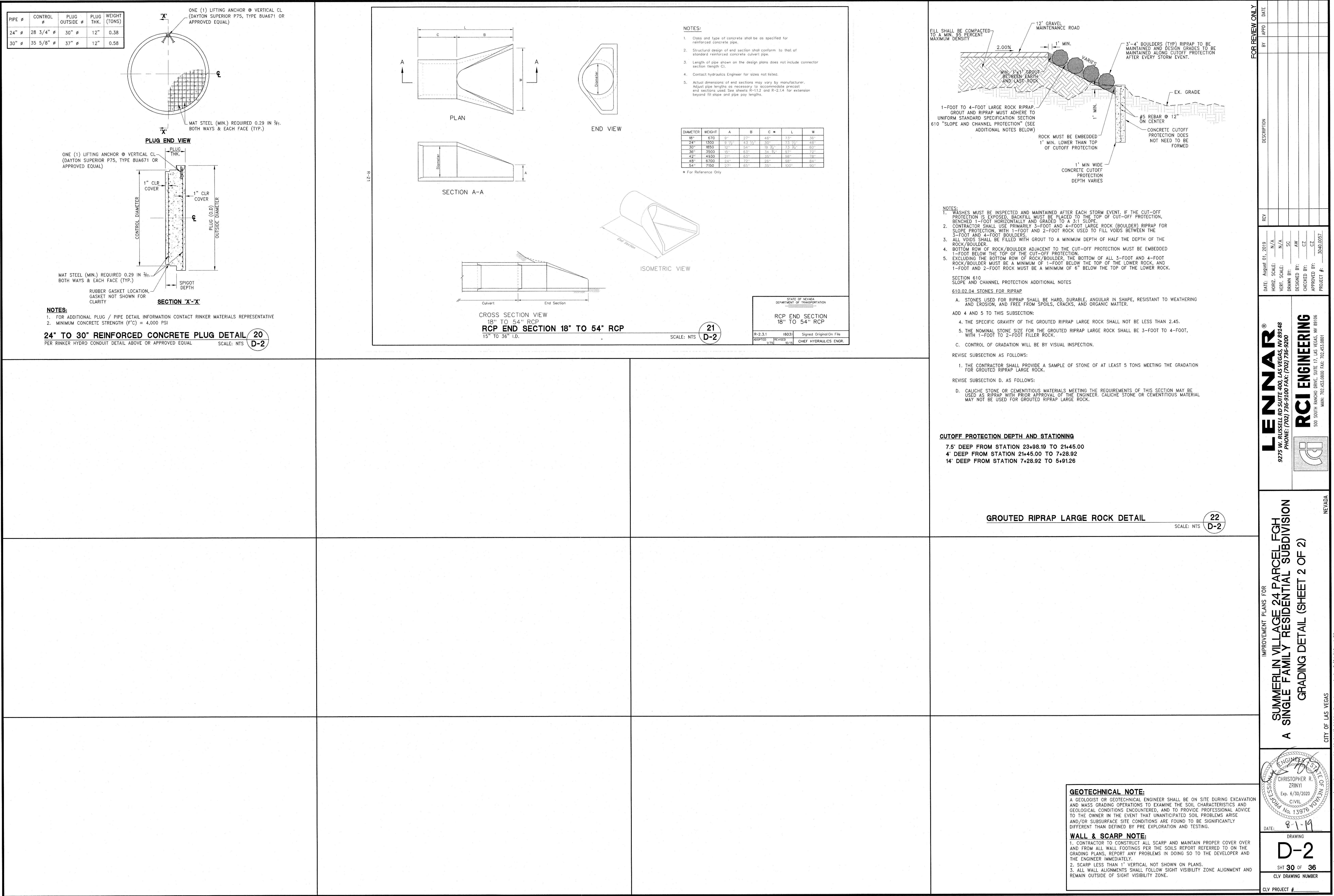
RCI ENGINEERING
500 SOUTH RANCHO DRIVE, SUITE 17, LAS VEGAS, NV 89106
PHONE: (702) 452-8888 FAX: (702) 452-8881

IMPROVEMENT PLANS FOR SUMMERLIN VILLAGE 24 PARCEL FGH A SINGLE FAMILY RESIDENTIAL SUBDIVISION GRADING DETAIL (SHEET 1 OF 2)

GEOTECHNICAL NOTE:
A GEOLOGIST OR GEOTECHNICAL ENGINEER SHALL BE ON SITE DURING EXCAVATION AND MASS GRADING OPERATIONS TO EXAMINE THE SOIL CHARACTERISTICS AND GEOLOGICAL CONDITIONS ENCOUNTERED, AND TO PROVIDE PROFESSIONAL ADVICE TO THE OWNER IN THE EVENT THAT UNANTICIPATED SOIL PROBLEMS ARISE AND/OR SUBSURFACE SITE CONDITIONS ARE FOUND TO BE SIGNIFICANTLY DIFFERENT THAN DEFINED BY PRE EXPLORATION AND TESTING.

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D-1
SHEET 29 OF 36
CLV DRAWING NUMBER
CLV PROJECT #



UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND OR OVERHEAD UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION. CONTRACTOR TO NOTIFY ENGINEER OF ANY CHANGES OR DISCREPANCIES.

Call before you Dig
AVOID CUTTING UNDERGROUND
UTILITY LINES. IT'S COSTLY.

Call
811

OR
1-800-227-2600

AVOID HITTING OVERHEAD
POWER LINES. IT'S COSTLY.

**CALL BEFORE
YOU DO
OVERHEAD**



1-702-227-2929

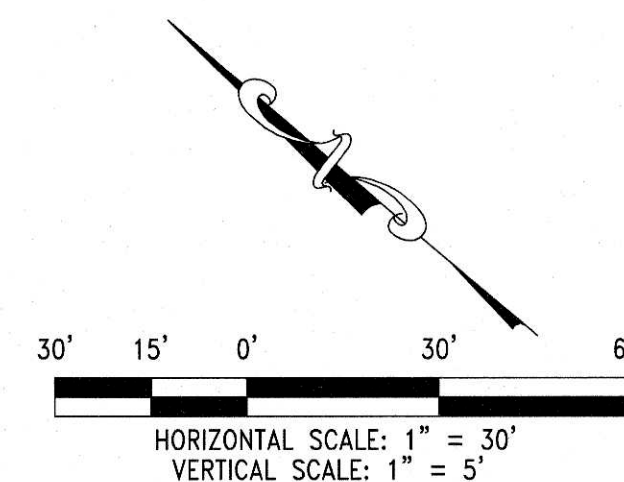
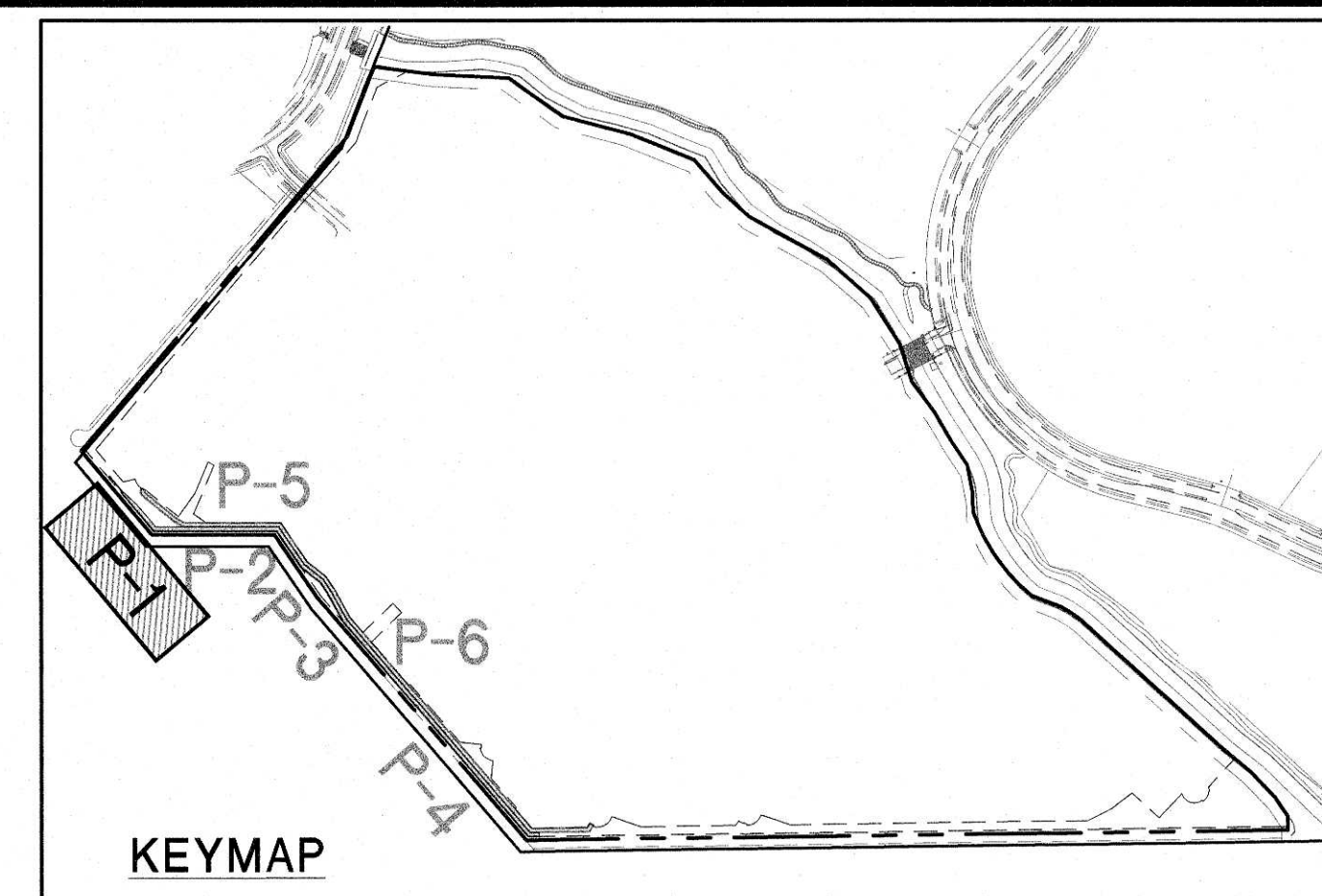
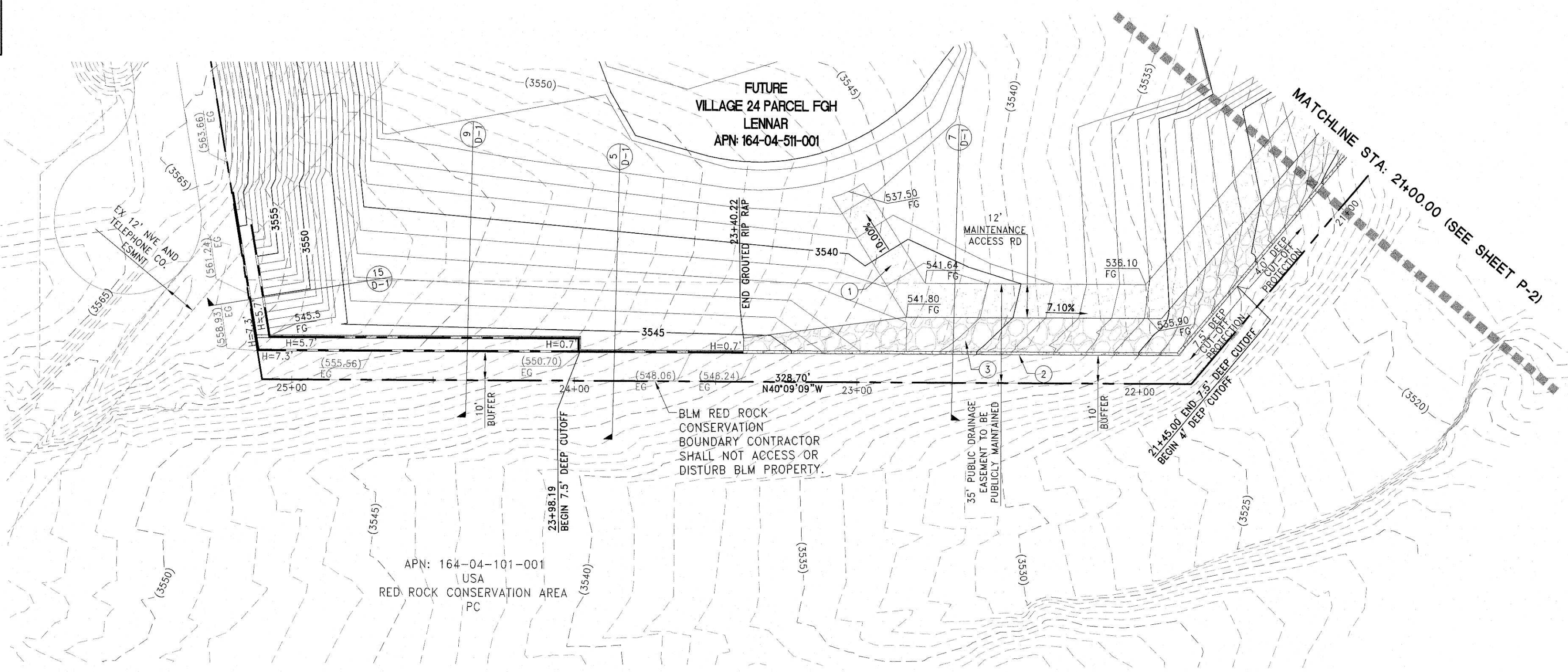
CITY OF LAS VEGAS BENCHMARK 7LV09 34SW6

RIVET AND ROUND PLATE IN THE TOP OF CURB AT THE
SOUTHEAST CORNER OF DESERT MOON RD. AND SKY VISTA
DR.

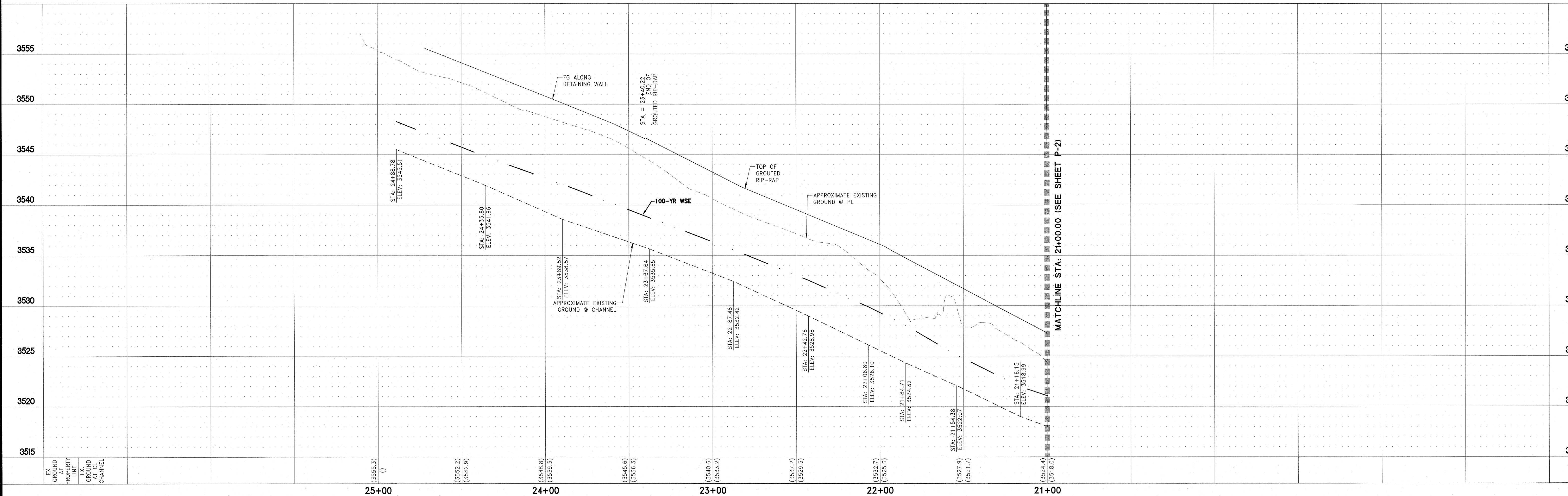
ELEVATION = 1011.422 METERS (NAVD '88)
ELEVATION = 3318.31 US SURVEY FEET (NAVD '88)

NORTH 05°36'00" WEST, BEING THE BEARING OF THE WEST
LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION
33, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., AS
SHOWN IN FILE 118, PAGE 100 OF PARCEL MAPS ON FILE
AT THE CLARK COUNTY, NEVADA RECORDERS OFFICE

- ① CONSTRUCT GRAVEL MAINTENANCE ROAD
2" CRUSHED ROCK/GRAVEL @ 95% COMPACTION
- ② CONSTRUCT CONCRETE CUT-OFF PROTECTION DEPTH Varies
- ③ INSTALL LARGE ROCK GROUTED RIPRAP PER
DETAIL 22/D-2
- ④ INSTALL STORM DRAIN CAP PER DETAIL 20/D-2
- ⑤ INSTALL STORM DRAIN FLARED END PER DETAIL 21/D-2
- ⑥ EXISTING RIPRAP TO BE REMOVED



RED ROCK WASH



FOR REVIEW ONLY			
REV	DESCRIPTION	BY	APPROVED
	DATE: August 01, 2019		
	HORIZ. SCALE: 1"=50'		
	VERT. SCALE: 1"=5'		
	DRAWN BY: SC		
	AW		
	DESIGNED BY: CZ		
	CHECKED BY: CZ		
	APPROVED BY: CZ		
	PROJECT #:		
	3440.0057		

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9275 W. RUSSELL RD SUITE 400, LAS VEGAS, NV 89148
PHONE: [702] 736-9100 FAX: [702] 736-9200

RCI ENGINEERING
500 SOUTH RANCHO DRIVE, SUITE 17, LAS VEGAS, NV 89106
PHONE: [702] 453-0800 FAX: [702] 453-0801

IMPROVEMENT PLANS FOR
SUMMERLIN VILLAGE 24 PARCEL FGH
RED ROCK WASH IMPROVEMENTS
AND MASS GRADING
PLAN AND PROFILE-RED ROCK WASH
FROM STA: 21+00 TO STA: 25+00

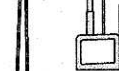
1031	10304	ENR/0057 Summerlin 1031	CIVIL	IPS\BRC4 MASS GRADING\ S0005 P-1.dwg	8/01/19	2:32pm
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Call
811

POWER LINES. IT'S COSTLY.

**CALL BEFORE
YOU DO
OVERHEAD**

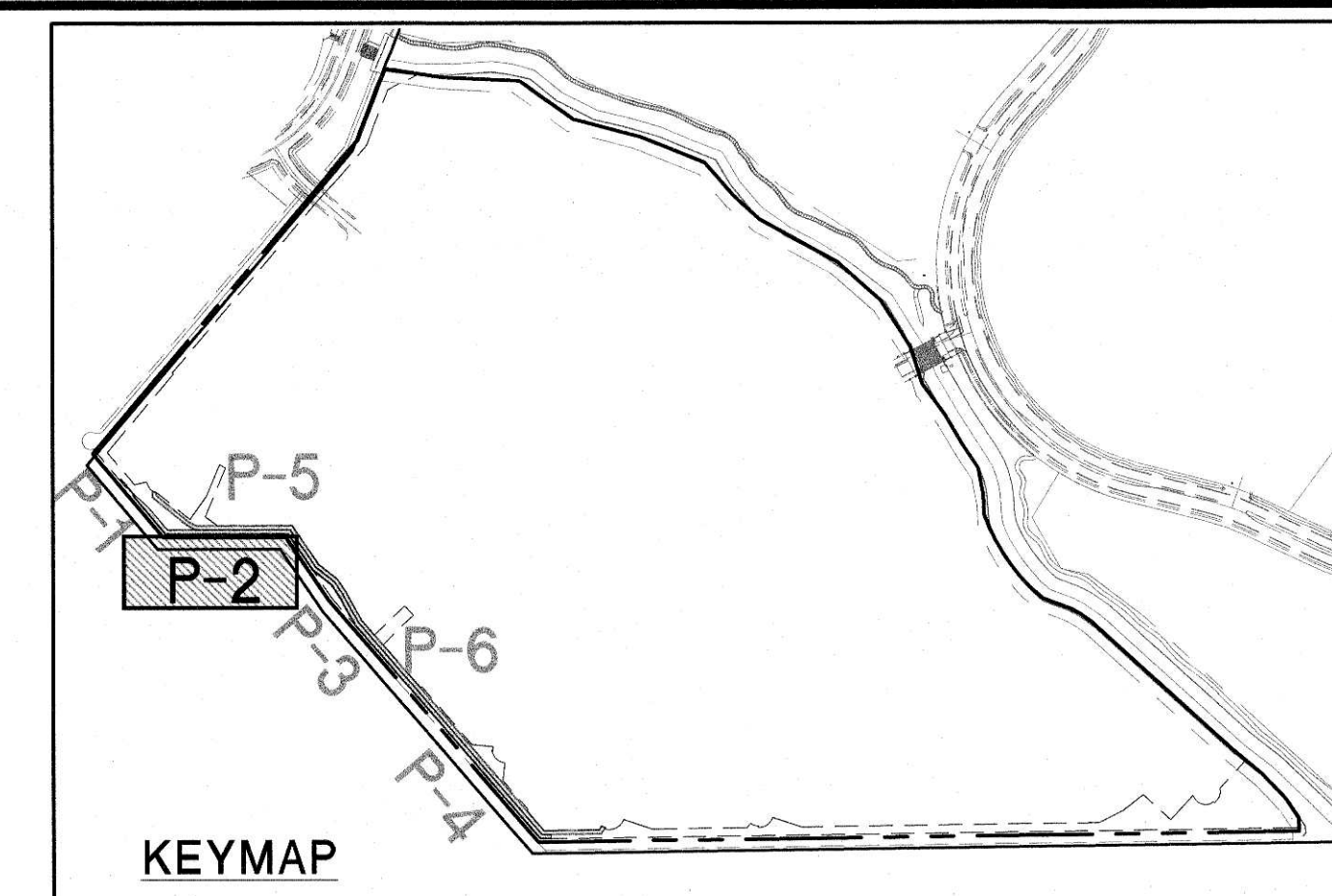


CITY OF LAS VEGAS BENCHMARK 7LV09 34SW6

ELEVATION = 1011.422 METERS (NAVD '88)
ELEVATION = 3318.31 US SURVEY FEET (NAVD '88)

NORTH 05°36'00" WEST, BEING THE BEARING OF THE WEST LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 33, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., AS SHOWN IN FILE 118, PAGE 100 OF PARCEL MAPS ON FILE AT THE CLARK COUNTY, NEVADA RECORDERS OFFICE

- ① CONSTRUCT GRAVEL MAINTENANCE ROAD
2" CRUSHED ROCK/GRAVEL @ 95% COMPACTION
- ② CONSTRUCT CONCRETE CUT-OFF PROTECTION DEPTH VARIES
- ③ INSTALL LARGE ROCK GROUTED RIPRAP PER
DETAIL 22/D-2
- ④ INSTALL STORM DRAIN CAP PER DETAIL 20/D-2
- ⑤ INSTALL STORM DRAIN FLARED END PER DETAIL 21/D-2
- ⑥ EXISTING RIPRAP TO BE REMOVED



KEYMAP

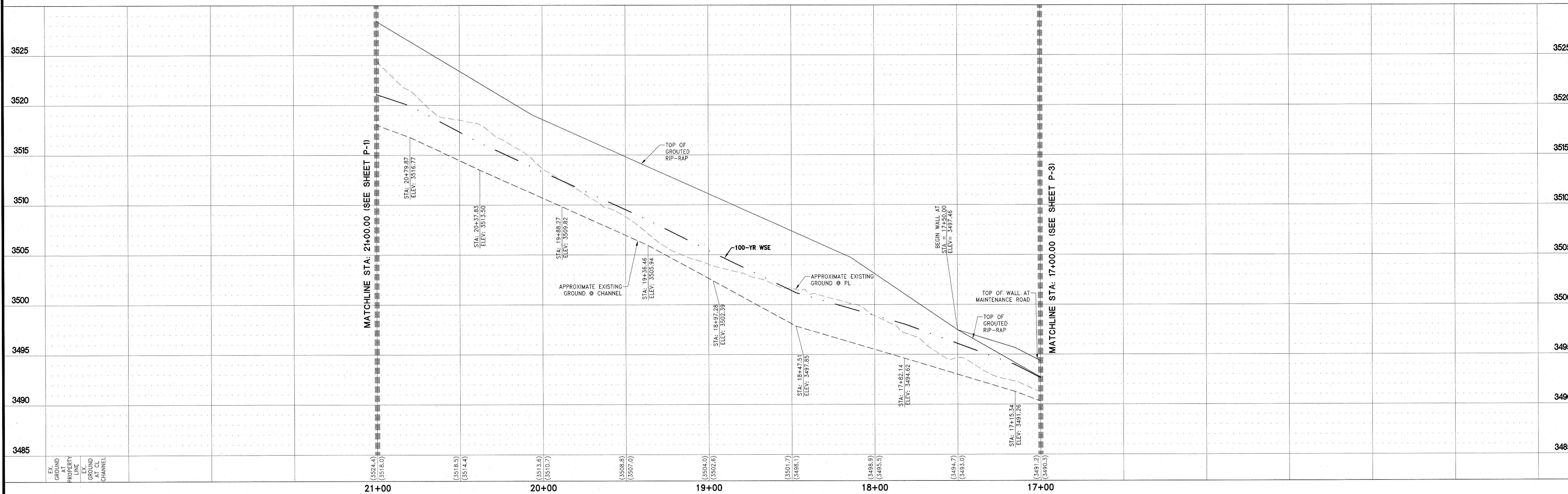
30' 15' 0' 30' 6'

HORIZONTAL SCALE: 1" = 30'
VERTICAL SCALE: 1" = 5'

DATE:	REV	DESCRIPTION	BY	APPRO	DATE
August 01, 2019					
FOR: SCALE: 1"=30'					
VERT. SCALE: 1"=5'					
DRAIN BY: SC					
DESIGNED BY: AW					
CHECKED BY: CZ					
APPROVED BY: CZ					
3/30/2017					

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3500	IMPROVEMENT PLANS FOR SUMMERLIN VILLAGE 24 PARCEL FGH RED ROCK WASH IMPROVEMENTS AND MASS GRADING PLAN AND PROFILE-RED ROCK WASH FROM STA: 17+00 TO STA: 21+00	3505
3510		3515
3520		3525
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3540		3545



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CITY OF LAS VEGAS BENCHMARK 7LV09 34SW6

RIVET AND ROUND PLATE IN THE TOP OF CURB AT THE
SOUTHEAST CORNER OF DESERT MOON RD. AND SKY VISTA
DR.

ELEVATION = 1011.422 METERS (NAVD '88)
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33, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., AS
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AT THE CLARK COUNTY, NEVADA RECORDERS OFFICE

Call before you Dig
AVOID CUTTING UNDERGROUND
UTILITY LINES. IT'S COSTLY.

Call

Call
811

OR
1-800-227-2600

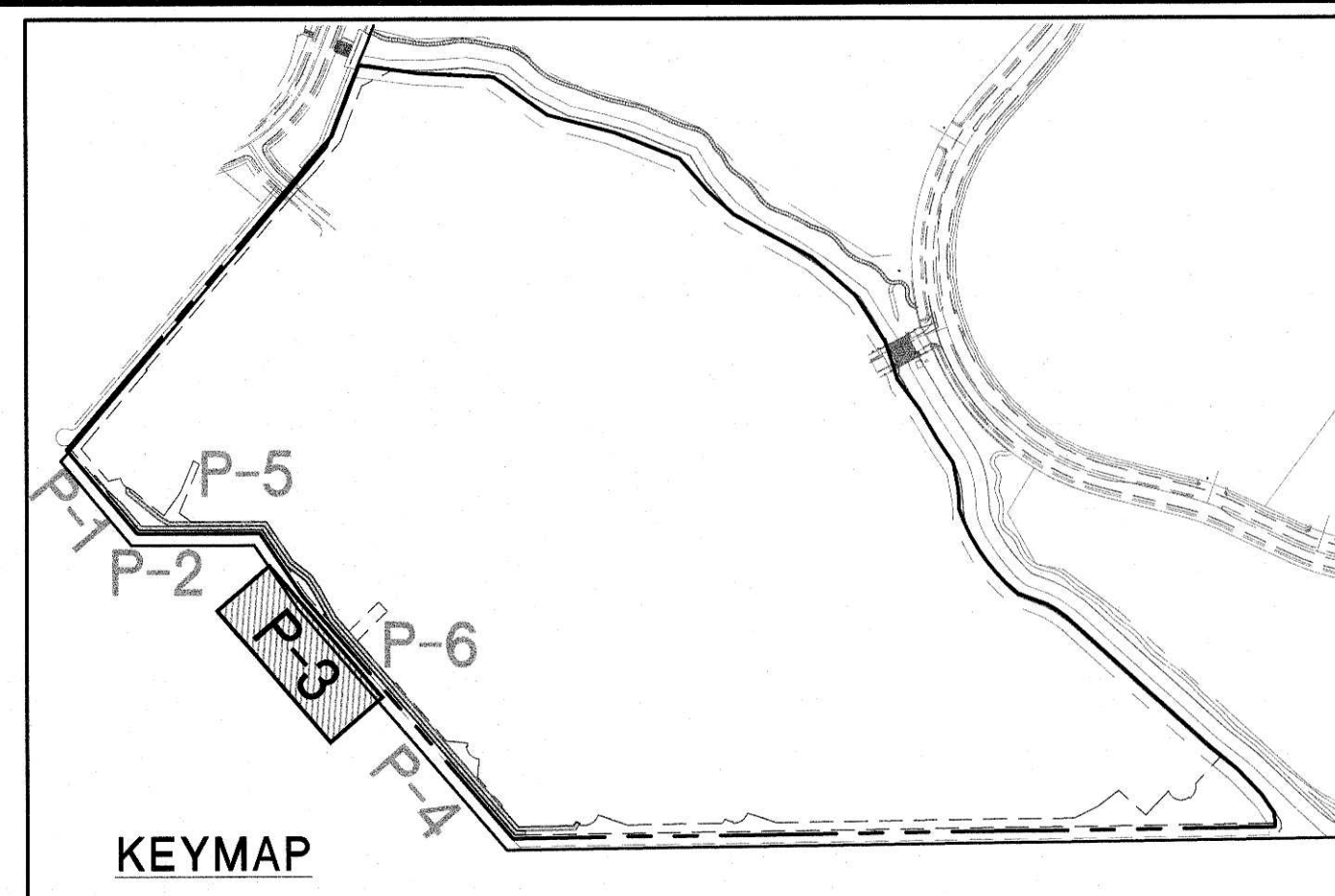
AVOID HITTING OVERHEAD
POWER LINES. IT'S COSTLY.

CALL BEFORE

CALL BEFORE
YOU DO
OVERHEAD

1-702-227-2929

- ① CONSTRUCT GRAVEL MAINTENANCE ROAD
2" CRUSHED ROCK/GRAVEL @ 95% COMPACTION
- ② CONSTRUCT CONCRETE CUT-OFF PROTECTION DEPTH VARIES
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DETAIL 22/D-2
- ④ INSTALL STORM DRAIN CAP PER DETAIL 20/D-2
- ⑤ INSTALL STORM DRAIN FLARED END PER DETAIL 21/D-2
- ⑥ EXISTING RIPRAP TO BE REMOVED



30' 15' 0' 30' 60'

HORIZONTAL SCALE: 1" = 30'

VERTICAL SCALE: 1" = 5'

DATE: August 01, 2019		REV	DESCRIPTION	BY	APPROVED	DATE
DATE:	August 01, 2019					
HORIZ. SCALE:	1"=50'					
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DRAWN BY:	SC					
DESIGNED BY:	AW					
CHECKED BY:	CZ					
APPROVED BY:	CZ					
PROJECT #:	3040.0057					

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PHONE: (702) 736-9100 FAX: (702) 736-9200

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MAIN: 702.453.0800 FAX: 702.453.0801

IMPROVEMENT PLANS FOR
SUMMERLIN VILLAGE 24 PARCEL FGH
RED ROCK WASH IMPROVEMENTS
AND MASS GRADING
PLAN AND PROFILE-RED ROCK WASH
FROM STA: 12+00 TO STA: 17+00

CHRISTOPHER R. ZRINYI
Exp. 6/30/2020
CIVIL
No. 13976
STATE OF NEVADA
PROFESSIONAL ENGINEER

DATE: 8-1-19

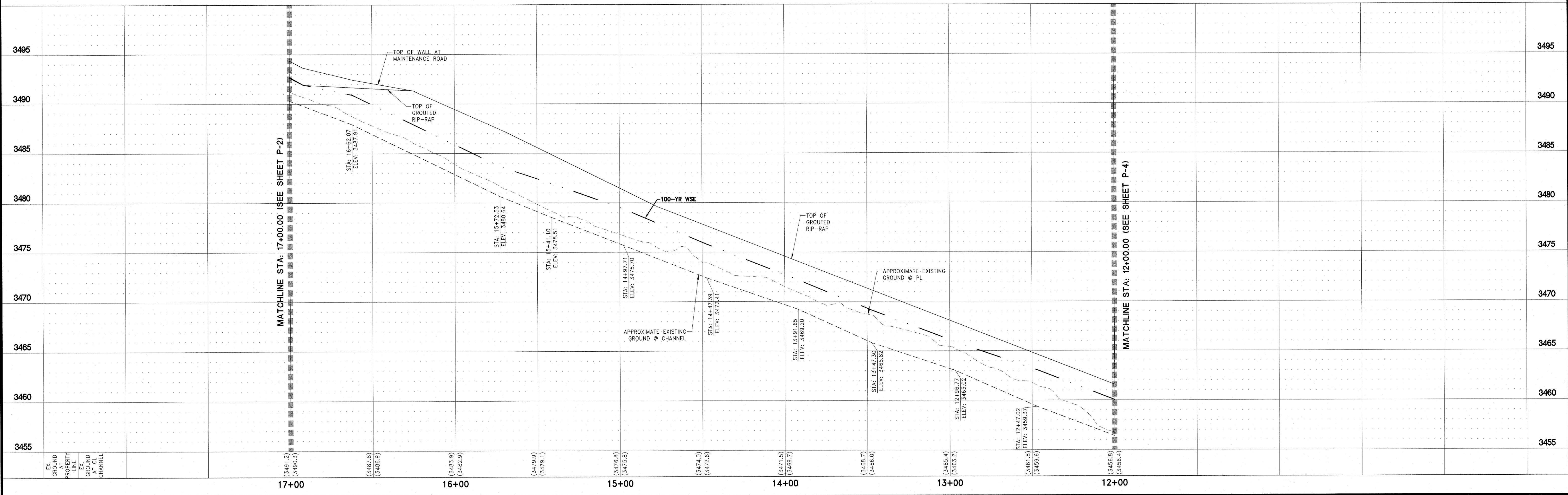
DRAWING

P-3

SHT 33 OF 36

CLV DRAWING NUMBER

CLV PROJECT #



DISCLAIMER NOTE:

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AVOID HITTING OVERHEAD
UTILITY LINES. IT'S COSTLY.
**Call
811**
OR
1-800-227-2600

CALL BEFORE
YOU DIG
OVERHEAD
1-702-227-2929

BENCHMARK

CITY OF LAS VEGAS BENCHMARK 7LV09 34SW6

RIVET AND ROUND PLATE IN THE TOP OF CURB AT THE SOUTHEAST CORNER OF DESERT MOON RD. AND SKY VISTA DR.

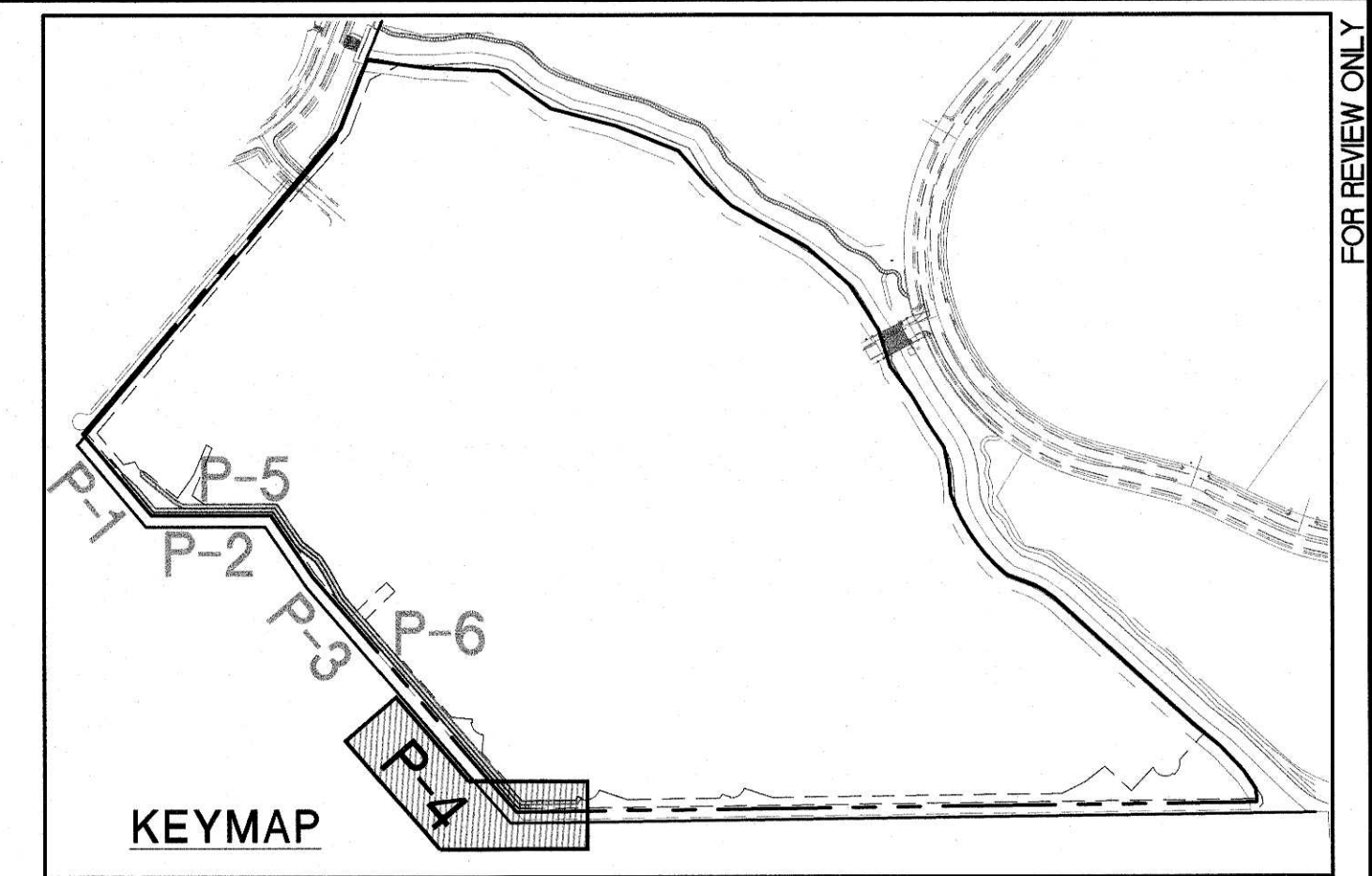
ELEVATION = 1011.422 METERS (NAVD '88)
ELEVATION = 3318.31 US SURVEY FEET (NAVD '88)

BASIS OF BEARINGS

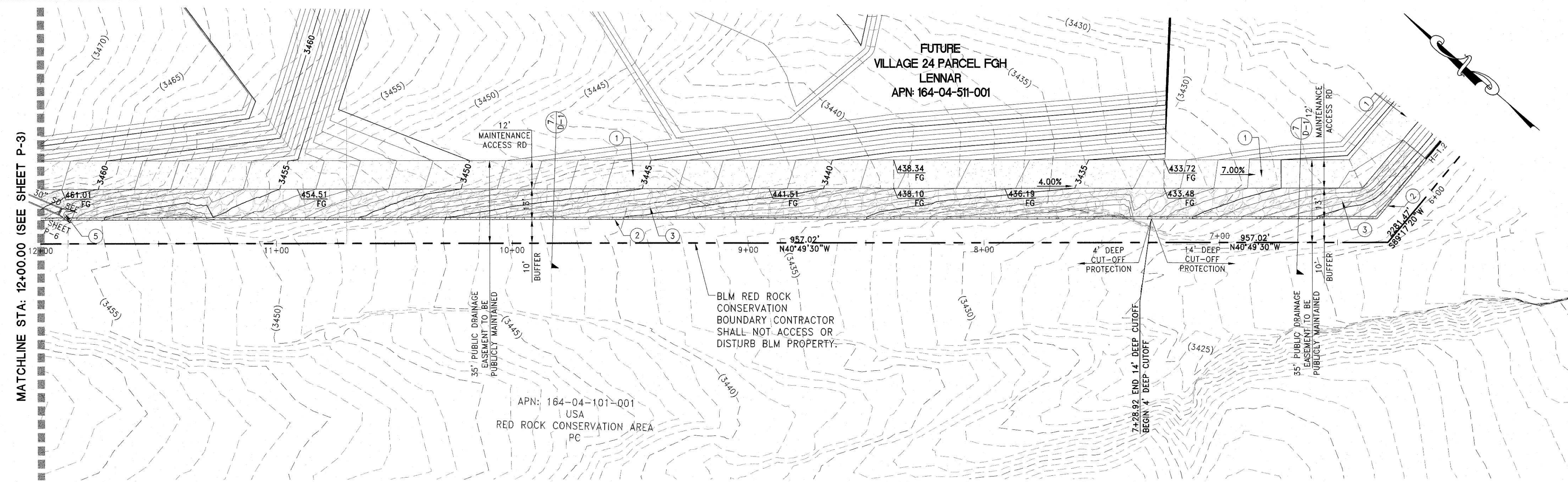
NORTH 05°36'00" WEST, BEING THE BEARING OF THE WEST LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 33, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., AS SHOWN IN FILE 118, PAGE 100 OF PARCEL MAPS ON FILE AT THE CLARK COUNTY, NEVADA RECORDERS OFFICE

CONSTRUCTION NOTES

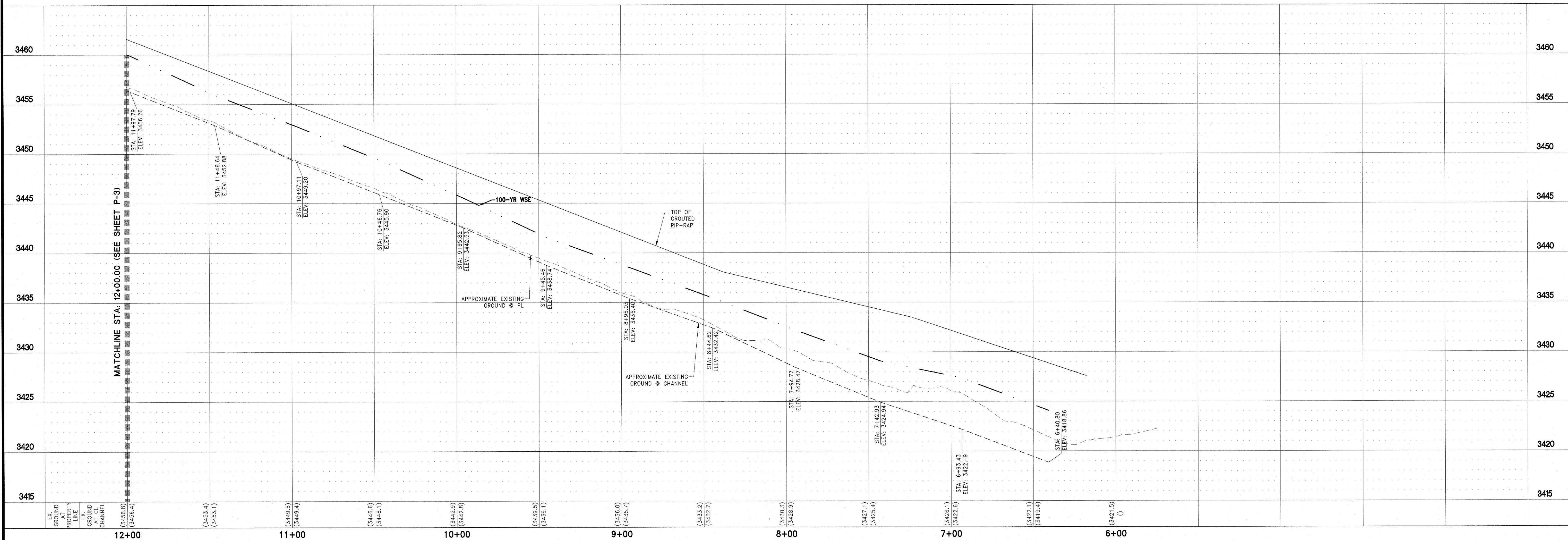
1. CONSTRUCT GRAVEL MAINTENANCE ROAD
2. 2" CRUSHED ROCK/GRAVEL @ 95% COMPACTION
3. CONSTRUCT CONCRETE CUT-OFF PROTECTION DEPTH VARIES
4. INSTALL LARGE ROCK GROUTED RIPRAP PER DETAIL 22/D-2
5. INSTALL STORM DRAIN CAP PER DETAIL 20/D-2
6. INSTALL STORM DRAIN FLARED END PER DETAIL 21/D-2
7. EXISTING RIPRAP TO BE REMOVED



HORIZONTAL SCALE: 1" = 30'
VERTICAL SCALE: 1" = 5'



RED ROCK WASH



FOR REVIEW ONLY

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DATE: August 01, 2019
HORIZ. SCALE: 1"=30'
VERT. SCALE: 1"=5'
DRAWN BY: SC
CHECKED BY: AN
APPROVED BY: CZ
PROJECT #: 3040.0057

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9775 W. RUSSELL RD SUITE 400 LAS VEGAS NV 89148
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MAIN: 702.453.0800 FAX: 702.453.0801

IMPROVEMENT PLANS FOR
SUMMERLIN VILLAGE 24 PARCEL FGH
RED ROCK WASH IMPROVEMENTS
AND MASS GRADING
PLAN AND PROFILE-RED ROCK WASH
FROM STA: 6+00 TO STA 12+00
CITY OF LAS VEGAS
NEVADA

DATE: 8-1-19
DRAWING
P-4
SHT 34 OF 36
CLV DRAWING NUMBER
CLV PROJECT #

0:\3040_LENNAR_0057_Summerlin_03_CIVIL_JPS\RCICA MASS GRADING\5005_P-4.dwg criteria 9/01/19 2:16pm

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Call 811
 OR
1-800-227-2600

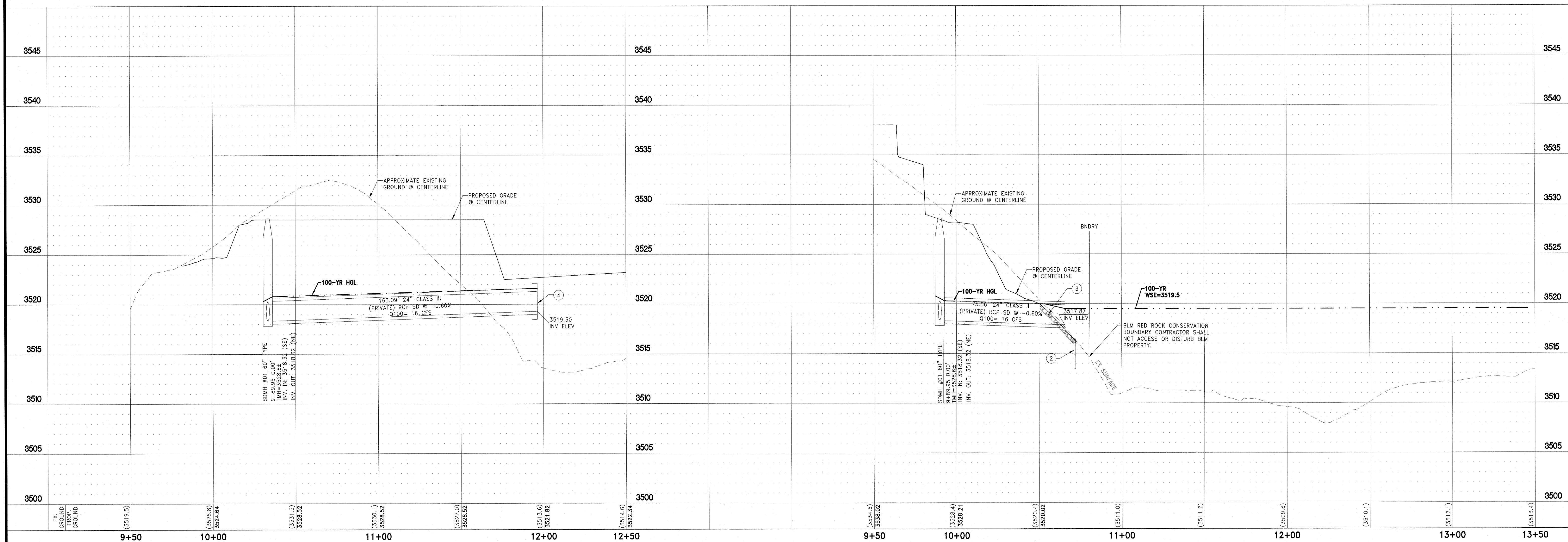
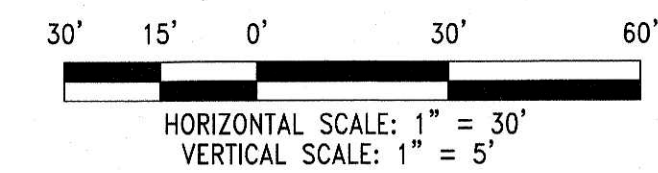

CALL BEFORE YOU DO OVERHEAD
1-702-227-2929

CITY OF LAS VEGAS BENCHMARK 7LV09 34SW6

ELEVATION = 1011.422 METERS (NAVD '88)
ELEVATION = 3318.31 US SURVEY FEET (NAVD '88)

NORTH 05°36'00" WEST, BEING THE BEARING OF THE WEST
LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION
33, TOWNSHIP 20 SOUTH, RANGE 59 EAST, M.D.M., AS
SHOWN IN FILE 118, PAGE 100 OF PARCEL MAPS ON FILE
AT THE CLARK COUNTY, NEVADA RECORDERS OFFICE

- ① CONSTRUCT ROCK MAINTENANCE ROAD
2" CRUSHED GRAVEL/GRAVEL @ 95% COMPACTION
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REV	DESCRIPTION	BY	APPD	DATE
	DATE: August 01, 2019			
	HORIZ. SCALE: 1"=30'			
	VERT. SCALE: 1"=5'			
	DRAWN BY: SC			
	DESIGNED BY: AW			
	CHECKED BY: CZ			
	APPROVED BY: CZ			
	PROJECT #:			
	3040.0057			

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IMPROVEMENT PLANS FOR
SUMMERLIN VILLAGE 24 PARCEL FGH
RED ROCK WASH IMPROVEMENTS
AND MASS GRADING
PLAN AND PROFILE
STORM DRAIN (SDMH 1 AND 2)

PROFESSIONAL ENGINEER
STATE OF NEVADA
CHRISTOPHER R. ZRINYI
Exp. 6/30/2020
CIVIL
No. 13976

DATE: 8-1-19

DRAWING

P-5

SHEET 35 OF 36

CLV PROJECT NUMBER

CLV PROJECT #

\\3040\LENR\0057 Summerlin\103\CIVIL\IPS\RRCA MASS GRADING\S0005_P-5.dwg scarabov 8/01/19 2:07pm

DISCLAIMER NOTE:

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YOU-DIG
OVERHEAD**
1-702-227-2929

BENCHMARK

CITY OF LAS VEGAS BENCHMARK 7LV09 34SW6

RIVET AND ROUND PLATE IN THE TOP OF CURB AT THE
SOUTHEAST CORNER OF DESERT MOON RD. AND SKY VISTA
DR.

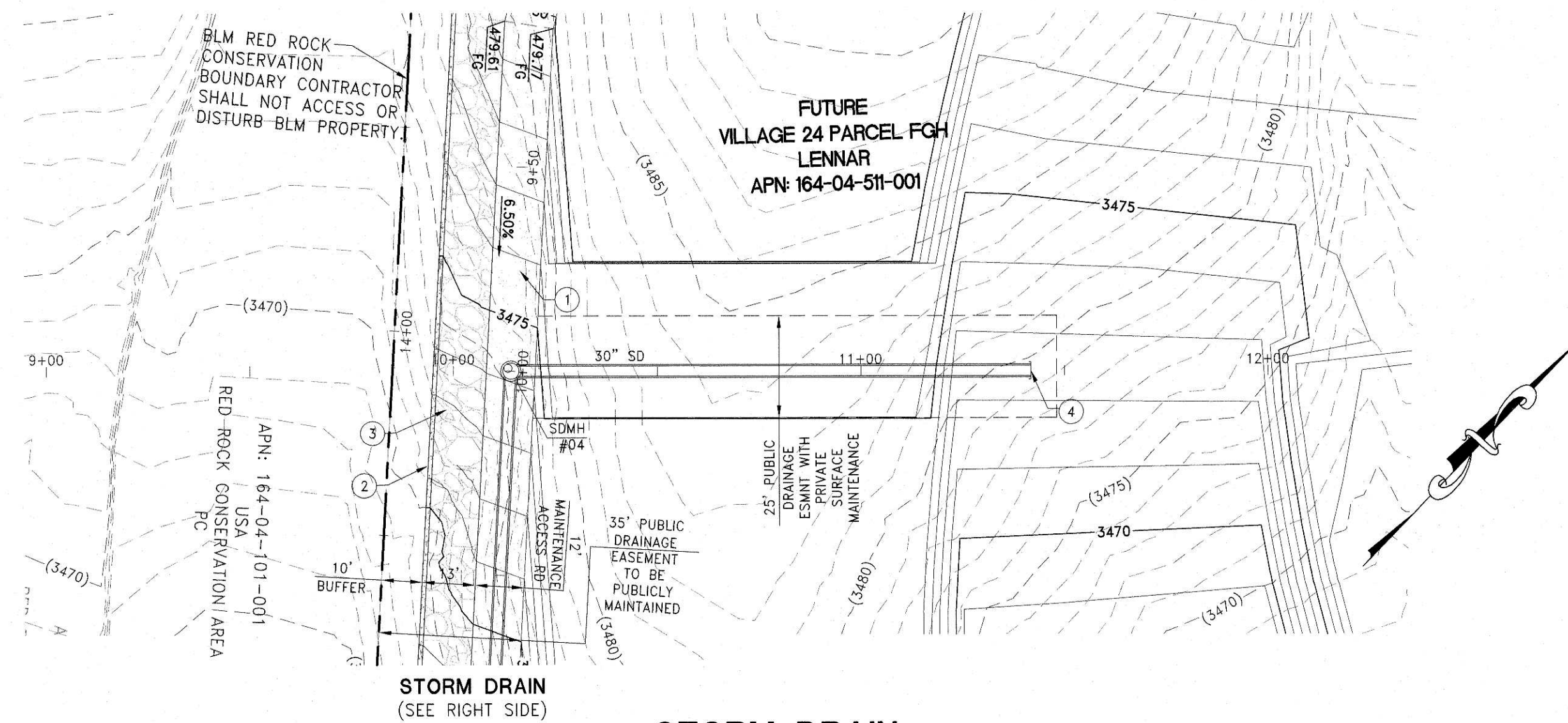
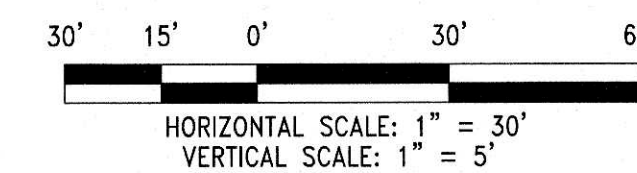
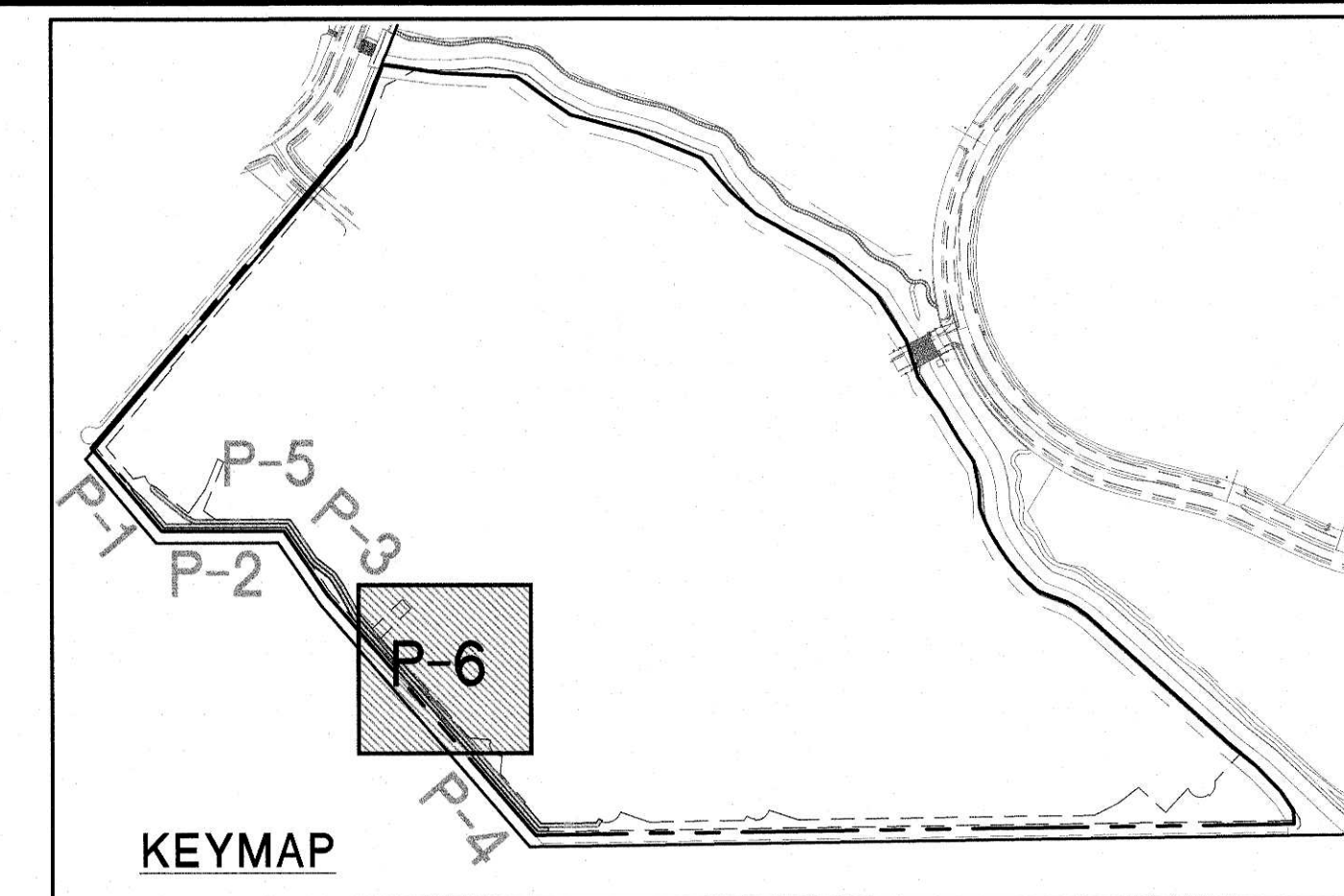
ELEVATION = 1011.422 METERS (NAVD '88)
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BASIS OF BEARINGS

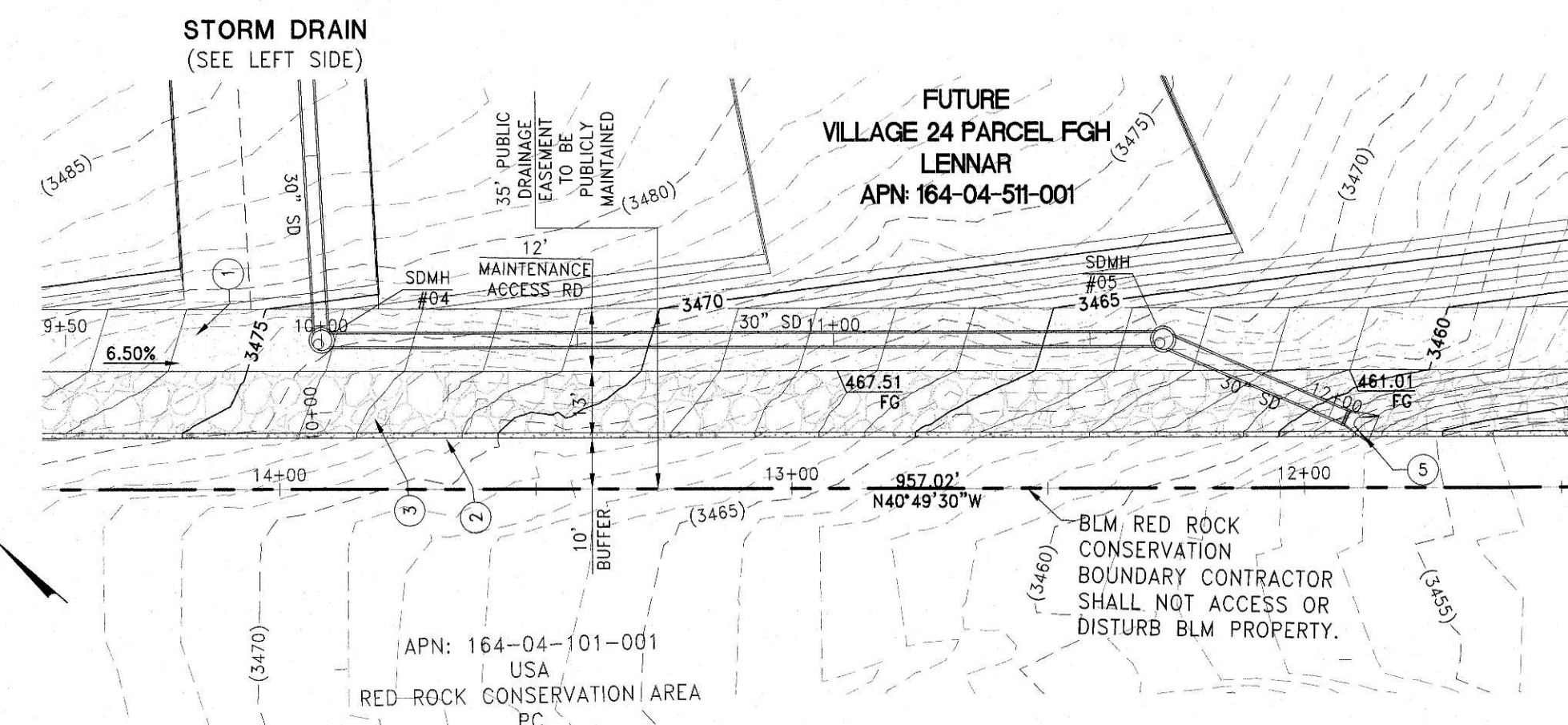
NORTH 05°36'00" WEST, BEING THE BEARING OF THE WEST
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CONSTRUCTION NOTES

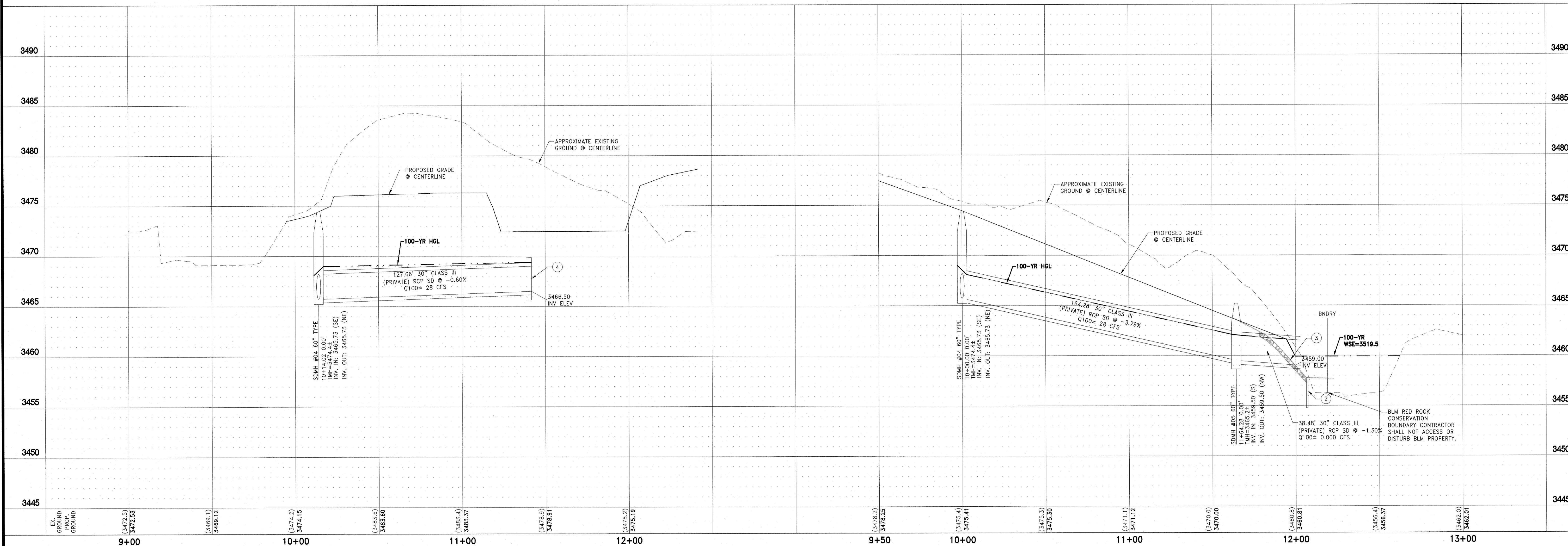
1. CONSTRUCT GRAVEL MAINTENANCE ROAD
2" CRUSHED ROCK/GRAVEL @ 95% COMPACTION
2. CONSTRUCT CONCRETE CUT-OFF PROTECTION DEPTH VARIES
3. INSTALL LARGE ROCK GROUTED RIPRAP PER
DETAIL 22/D-2
4. INSTALL STORM DRAIN CAP PER DETAIL 20/D-2
5. INSTALL STORM DRAIN FLARED END PER DETAIL 21/D-2
6. EXISTING RIPRAP TO BE REMOVED



STORM DRAIN



STORM DRAIN



FOR REVIEW ONLY

REV	DESCRIPTION	BY	DATE
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DATE: August 01, 2019
HORIZ. SCALE: 1"=30'
VERT. SCALE: 1"=5'
DRAWN BY: SC
DESIGNED BY: AW
CHECKED BY: CZ
APPROVED BY: CZ
PROJECT #: 3040.0057

LENNAR
9275 W. RUSSELL RD SUITE 400, LAS VEGAS, NV 89148
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IMPROVEMENT PLANS FOR
SUMMERLIN VILLAGE 24 PARCEL FGH
RED ROCK WASH IMPROVEMENTS
AND MASS GRADING
PLAN AND PROFILE
STORM DRAIN (SDMH 4 AND 5)

PROFESSIONAL ENGINEER
CHRISTOPHER R. ZRINYI
Exp. 6/30/2020
CIVIL
No. 13976 NOTARY
STATE OF NEVADA

DATE: 8-1-19
DRAWING
P-6
SHEET 36 OF 36
CLV DRAWING NUMBER
CLV PROJECT #