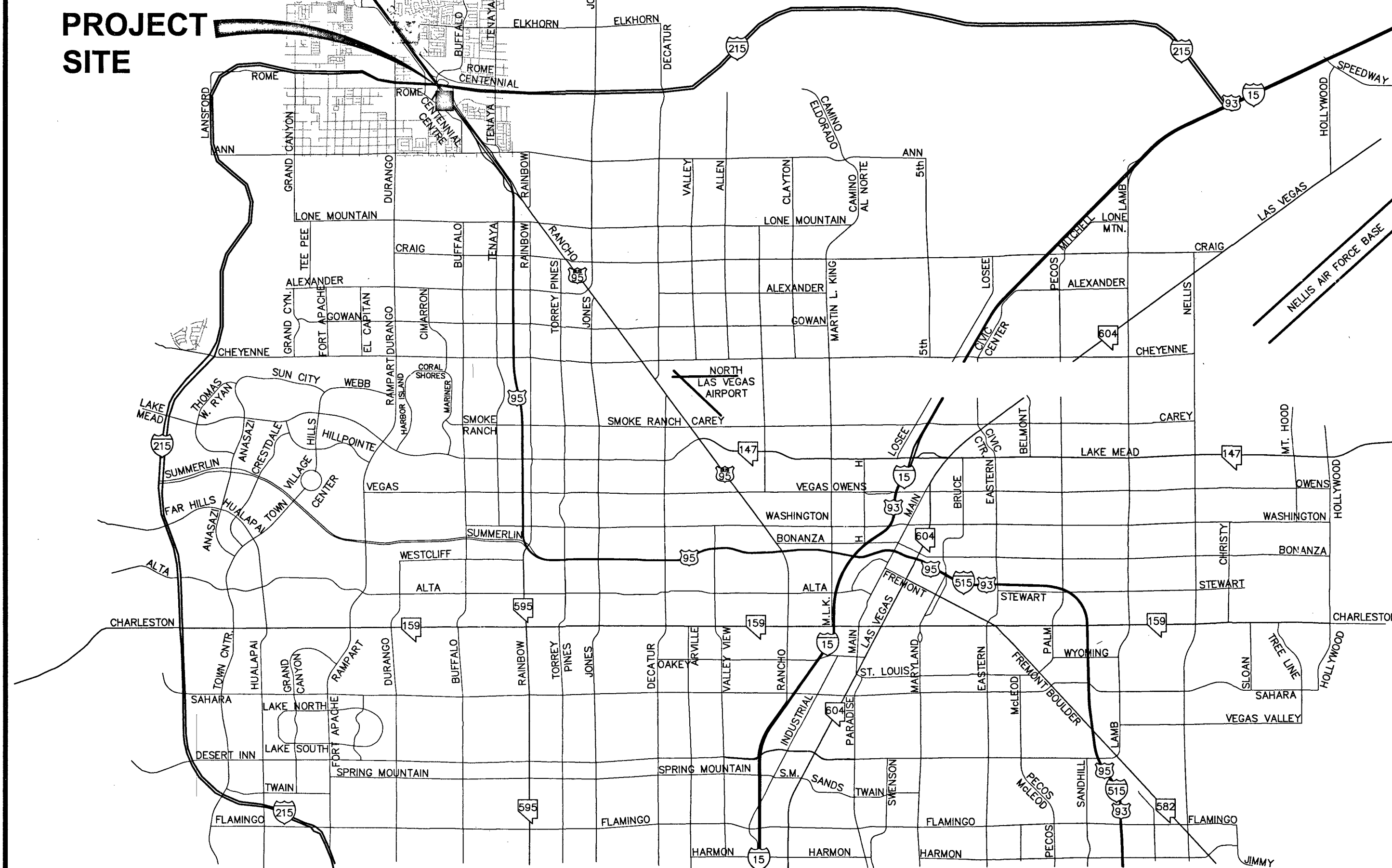
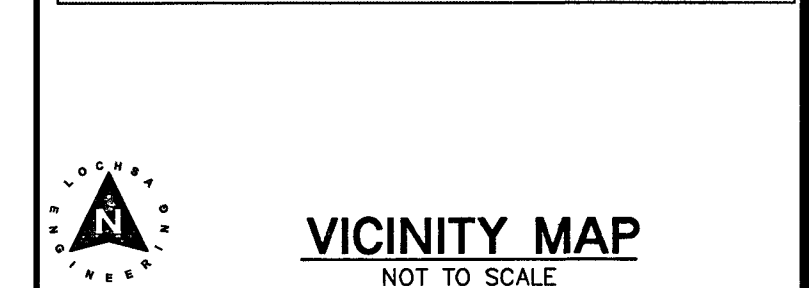
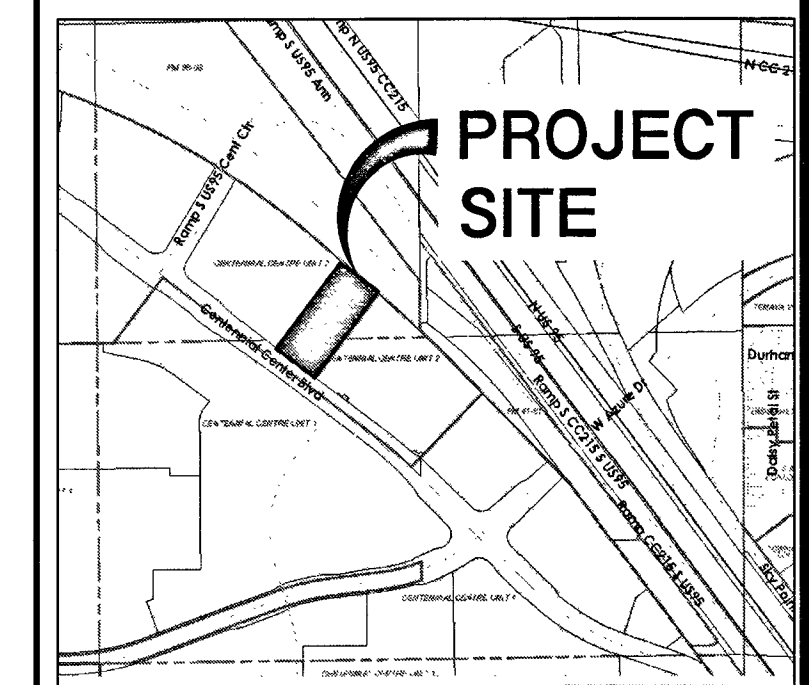


IMPROVEMENT PLANS FOR CENTENNIAL HYUNDAI PARKING LOT

A PORTION OF LOT 1 IN BOOK 95, PAGE 45 OF PLATS IN THE CLARK
COUNTY RECORDERS OFFICE, LYING WITHIN SECTION 28, TOWNSHIP 19
SOUTH, RANGE 60 EAST, M.D.M., CITY OF LAS VEGAS, NEVADA
A.P.N.: 125-28-510-005
AREA = 2.0 ACRES



ABBREVIATIONS

DEVELOPER

APPROVALS

SHEET INDEX

ABAN	ABANDON	INVT	INVERT
AIP	ABANDON IN PLACE	ISL	ISLAND
AGG	AGGREGATE	JBS	JUNCTION BOX
ALT	ALTERNATE	LOC	LENGTH OF CURB
A	ANODE, GAS	LT	LEFT
ACP	ASBESTOS CEMENT PIPE	LF	LINEAR FEET
AC	ASPHALTIC CONCRETE	LS	LANDSCAPE
AVE	AVENUE	LVD	LAS VEGAS VALLEY WATER DISTRICT
BC	BACK OF CURB	MH	MANHOLE
BCR	BACK OF CURB RADIUS	MAX	MAXIMUM
BVC	BEGINNING OF VERTICAL CURVE	MIN	MINIMUM
BM	BENCHMARK	MON	MONOLITHIC
BDRY LINE	BOUNDARY LINE	N/O	NORTH OF
CATV	CABLE TELEVISION	NTS	NOT TO SCALE
C-C	CENTER TO CENTER	OC	ON CENTER
CL	CENTERLINE	OG	OPEN-GRADED PAVEMENT, ORIGINAL GROUND
CLC	CITY OF BOULDER CITY	PWMT	PAVEMENT
CLV	CITY OF LAS VEGAS	PI	POINT OF INTERSECTION
COH	CITY OF HENDERSON	PRC	POINT OF REVERSE CURVE
CM	CITY OF MESQUITE	PC	POINT OF CURVE
ONLV	CITY OF NORTH LAS VEGAS	PT	POINT OF TANGENCY
CC	CLARK COUNTY	PCC	POINT OF COMPOUND CURVE
CCWRD	CLARK COUNTY WATER RECLAMATION DISTRICT	PCC, CONC	PORTLAND CEMENT CONCRETE
CUT	CLEAN OUT, SEWER	PP	POWER POLE
COMM	COMMERCIAL	P	POWER
CONC, PCC	CONCRETE	PL	PROPERTY LINE
CONST	CONSTRUCTION OR CONSTRUCT	PROP	PROPOSED
COR	CORNER	PB	PULL BOX
CMP	CORRUGATED METAL PIPE	RP	RADIUS POINT
CSAP	CORRUGATED STEEL ARCH PIPE	R	RADIUS
CSP	CORRUGATED STEEL PIPE	RR	RAILROAD
C&G	CURB & GUTTER	REINF	REINFORCED
OIP	CAST IRON PIPE	RC	REINFORCED CONCRETE
CULV	CULVERT	RCB	REINFORCED CONCRETE BOX
CU YD, CY	CUBIC YARD	RCP	REINFORCED CONCRETE PIPE
CU FT, CF	CUBIC FOOT	RELOC	RELOCATE
CF	CURB FACE	RT	RIGHT
DEPT	DEPARTMENT	R/W	RIGHT-OF-WAY
DIA	DIAMETER	RD	ROAD
DIWY	DRIVEWAY	SS	SANITARY SEWER
DI	DROP INLET	SHT	SHEET
ESMT	EASEMENT	S/O	SOUTH OF
E/O	EAST OF	SW	SIDEWALK
EP	EDGE OF PAVEMENT	SQ FT, SF	SQUARE FOOT
EO	EDGE OF OIL	SQ YD, SY	SQUARE YARD
EM	ELECTRIC	STA	STATION
ELEV	ELEVATION	SD	STEEL HIGH-PRESSURE PIPE
EMBK	EMBANKMENT	STD	STORM DRAIN
EOR	END OF CURB RETURN	STRUCT	STRUCTURAL OR STRUCTURE
EC	END OF CURVE	SURV	SURVEY
EBS	CATHODE PROTECTION BOND STATION	SLT	STREETLIGHT
ETS	CATHODE PROTECTION TEST STATION	TL	TELEPHONE
EVC	END OF VERTICAL CURVE	TEMP	TEMPORARY
EXIST	EXISTING	TO BE ADJUSTED	TO BE ADJUSTED
FB	FEET/FOOT	TR	TO BE REMOVED
FG	FINISH GRADE	TR	TRAFFIC SIGNAL
FI	FIRE ALARM	TSI	TRAFFIC SIGNAL INTERCONNECT
FL	FIRE HYDRANT	TRANS	TRANSITION
GALV	GLAZED	UG	UNDERGROUND
GM	GAS METER	VAR	VARIABLE
PL-O	GAS PRESSURE REGULATOR	VERT	VERTICAL
SG	STEEL GAS	VC	VERTICAL CURVE
GB	GRADE BREAK	VG	VALLEY GUTTER
GUT	GUTTER	VCP	VITRIFIED CLAY PIPE
HDWL	HEADWALL	W	WATER
IN	INCH	WM	WATER METER
INT	INTERSECTION	W/O	WEST OF
		YD	YARD

CENTENNIAL-AZURE, LLC
5850 CENTENNIAL CENTER
LAS VEGAS, NV 89149
CONTACT: JOHN STALUPPI JR
PHONE: 702-243-7677
FAX: 702-243-7788

OWNER

CENTENNIAL-AZURE, LLC
5850 CENTENNIAL CENTER
LAS VEGAS, NV 89149
CONTACT: JOHN STALUPPI JR
PHONE: 702-243-7677
FAX: 702-243-7788

UTILITY PROVIDERS

WATER:	LAS VEGAS VALLEY WATER DISTRICT
SEWER:	CITY OF LAS VEGAS
GAS:	SOUTHWEST GAS CORPORATION
ELECTRIC:	NV ENERGY
TELEPHONE:	CENTURYLINK
CABLE TV:	COX COMMUNICATIONS LAS VEGAS, INC.
TRASH:	REPUBLIC SILVER STATE DISPOSAL SERVICE

Allen Pavelka
ALLEN PAVELKA, P.E., #9029
CITY ENGINEER

4-1-19
DATE

PLANNING DEPARTMENT - CITY OF LAS VEGAS

03/28/19
DATE

NOTE:
THIS PLAN CONFORMS TO THE APPLICABLE STANDARDS OF THE PLANNING DEPARTMENT.

LAS VEGAS FIRE AND RESCUE

3/12/19
DATE

LAS VEGAS VALLEY WATER DISTRICT
APPROVED FOR CONSTRUCTION

John Shady
Las Vegas Valley Water District Engineering Services

PROJECT NO. 1360667 First Approved Date: 3-2-19

K. K. K.
SOUTHWEST GAS CORPORATION

3/18/19
DATE

Barbara Jamison
NV ENERGY

3/18/19
DATE

NV ENERGY ACKNOWLEDGES THAT WE HAVE RECEIVED YOUR PLANS AND WILL PROVIDE SERVICE TO ALL ELECTRICAL
NEEDS ASSOCIATED WITH THIS PROJECT. NV ENERGY RESERVES THE RIGHT TO ADDRESS ANY EXISTING OR FUTURE
CONFLICTS ONCE THE FINAL DESIGN IS COMPLETED. THE NEW SERVICE AND THE RESOLUTION OF ANY CONFLICTS WILL BE
ACCOMPLISHED PURSUANT TO THE NEVADA PUBLIC UTILITY COMMISSION'S RULES AND REGULATIONS.

Celi Lany
COX COMMUNICATIONS LAS VEGAS, INC.

3/19/19
DATE

John Staluppi
CENTRAL TELEPHONE COMPANY D.B.A. CENTURYLINK

3/18/19
DATE

THE AFFIXED CENTURYLINK APPROVAL DOES NOT ASSUME OR GUARANTEE LIABILITY FOR KNOWN OR UNKNOWN CONFLICTS
WITH EXISTING OR PROPOSED IMPROVEMENTS. RESOLUTION OF ANY CONFLICT WILL BE ACCOMPLISHED PURSUANT TO LOCAL
ORDINANCES, NEVADA REVISED STATUTES AND/OR PUBLIC UTILITY COMMISSION RULES AND REGULATIONS.

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NOTE SHEET	C1.02	2
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DEMOLITION PLAN	C2.01	3
Grading Plans		
GRADING PLAN	C3.01	4
Horizontal Control Plans		
HORIZONTAL CONTROL - FIRE ACCESS	C4.01	5
LINE AND CURVE TABLE	C4.02	6
Detail Sheets		
DETAIL SHEET	C5.01	7

GENERAL SITE INFORMATION

UTILITY NOTE:

LOCHSA ENGINEERING ASSUMES NO RESPONSIBILITY FOR
EXISTING UTILITY LOCATIONS AND ELEVATIONS. THE UTILITIES
SHOWN ON THIS PLAN ARE FROM THE BEST AVAILABLE
INFORMATION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO
FIELD VERIFY THE LOCATION AND ELEVATION OF ALL UTILITIES,
INCLUDING BUT NOT LIMITED TO, THE WATER, FIRE, SANITARY
SEWER, STORM SEWER, TELEPHONE, POWER, GAS, AND
IRRIGATION LINES PRIOR TO THE COMMENCEMENT OF THE
CONSTRUCTION. IF CONFLICT EXISTS IN THE FIELD, THE
CONTRACTOR IS TO NOTIFY THE PROJECT ARCHITECT, OWNER'S
REPRESENTATIVE AND THE PROJECT ENGINEER IMMEDIATELY.
Call before you dig
Avoid cutting underground
utility lines. It's costly.

FAST

Call before you dig

Underground

1-800-227-2600

1-702-432-6300

1-702-227-2929

A.P.N.:
125-28-510-005

BASIS OF BEARINGS:

NORTH 53°05'47" WEST BEING THE CENTERLINE OF CENTENNIAL
CENTER BOULEVARD AS SHOWN IN BOOK 95 OF PLATS, PAGE
45, CLARK COUNTY, NEVADA OFFICIAL RECORDS.

BENCHMARK:

5LV90286 RIVET & PLATE IN TOP OF CURB AT NW CORNER
OF CENTENNIAL CENTER PKWY & US 95 SB OFF RAMP
ELEVATION= 736.593 METERS= 2423.20 U.S. SURVEY FEET
(NAVD 88).

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LEGEND

CL OR SURVEY LINE	-----
PROPERTY LINE	-----
ROW LINE	-----

EASEMENT LINE	-----
SAWTOOTH LINE	-----
SCARP LINE	-----

DESCRIPTION:	
EXISTING:	
PROPOSED:	

BUILDING OUTLINE	
EDGE OF PAVEMENT	
"A" TYPE CURBS	
"L" TYPE CURBS	

WALLS	
CONTOUR LINES	
AC PAVEMENT	
CONCRETE	

SPOT ELEVATIONS	
SIGNS	
MANHOLE W/ DESCRIPTION	
MANHOLE DESCRIPTIONS	

FIRE HYDRANTS	
GATE VALVES	
REDUCERS	
CLEAN OUTS	

UTILITY BOX OR VAULT	
100W HPS STREETLIGHTS	
150W HPS STREETLIGHTS	
200W HPS STREETLIGHTS	

250W HPS STREETLIGHTS	
400W HPS STREETLIGHTS	

GENERAL COVER SHEET
CENTENNIAL HYUNDAI
PARKING LOT

PROJECT No.: 181143

DATE: 3/11/2019

SCALE: N/A

DRAWN BY: JPS

DESIGNED BY: JPS

CHECKED BY: TTE

3/11/2019

SHEET No. C1.01

SHEET 1 OF 7

CITY OF LAS VEGAS

L18-02520

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CITY OF LAS VEGAS STREETLIGHT NOTES

1. ALL STREET LIGHTING INSTALLATIONS SHALL BE IN ACCORDANCE WITH THE STREET LIGHTING PLANS, THE "UNIFORM STANDARD SPECIFICATION FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA", LATEST REVISION (USS), AND THE "UNIFORM STANDARD DRAWINGS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA" (USD), LATEST REVISION.
2. DESIGN PROFESSIONAL AND CONTRACTOR SHALL VERIFY CITY'S LED FIXTURE SPECIFICATIONS AND APPROVED FIXTURES PER CLV WEBSITE, UNDER BUILDING AND SAFETY FORMS, PRIOR TO ORDERING MATERIALS.
3. NO DEVIATION OF STREET LIGHT, PULL BOX, CONDUITS, ETC., LOCATIONS SHALL BE PERMITTED WITHOUT WRITTEN APPROVAL OF THE TRAFFIC AND CITY ENGINEER. ANY DEVIATION FROM THE PLAN LOCATION WILL REQUIRE COMPLIANCE WITH SECTION 623 OF THE USS.
4. ALL EXISTING STREET LIGHTING SHALL REMAIN OPERATIONAL DURING CONSTRUCTION IN ACCORDANCE WITH SECTION 623 G.03.01 OF THE USS.
5. ALL EMPTY CONDUIT SHALL HAVE AT LEAST ONE GREEN NO. #8 AWG WIRE INSTALLED AS TRACER WIRE IN ACCORDANCE WITH SECTION 623 G.02.01 OF THE USS PRIOR TO BACKFILLING AND FINAL INSPECTION.
6. ANY STRUCTURE SUCH AS BLOCK WALLS, CHAIN LINK FENCES, RETAINING WALLS, ETC., SHALL LEAVE A MINIMUM CLEARANCE IN COMPLIANCE WITH USD 320A WHEN POLE IS INSTALLED BEHIND SIDEWALK, AND SHALL AT NO TIME COMPLETELY ENCLOSE THE STREET LIGHTING POLE.
7. AS-BUILT DRAWINGS SHALL BE SUPPLIED TO THE TRAFFIC ENGINEERING DIVISION PRIOR TO ANY PRE-FINAL INSPECTION. THE AS-BUILT DRAWING NEEDS TO BE STAMPED AS-BUILT AND SIGNED BY THE PREPARER.
8. SERVICE POINTS SHALL BE COORDINATED WITH NV ENERGY, AND WHEREVER POSSIBLE, BE LOCATED NEAR THE CENTER OF THE CIRCUIT. SERVICE POINTS SHALL BE SHOWN ON THE PLANS.
9. WHEREVER THERE IS AN OVERHEAD UTILITY THAT MAY CONFLICT WITH THE INSTALLATION OF STREETLIGHTING CIRCUITS AND/OR POLES, THESE CONFLICTS MUST BE RESOLVED BETWEEN THE DEVELOPER AND THE UTILITIES INVOLVED BEFORE STREETLIGHT BASES ARE INSTALLED. AT NO EXPENSE TO THE CITY OF LAS VEGAS.

REVISED JUNE 4, 2018 (LD VERSION)

CITY OF LAS VEGAS GRADING NOTES

1. IN THE EVENT THAT ANY UNFORESEEN CONDITIONS NOT COVERED BY THESE NOTES ARE ENCOUNTERED DURING GRADING OPERATIONS, THE OWNER/ENGINEER SHALL BE IMMEDIATELY NOTIFIED FOR DIRECTION.
2. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PERFORM ALL NECESSARY CUTS AND FILLS WITHIN THE LIMITS OF THIS PROJECT AND THE RELATED OFF-SITE WORK, SO AS TO GENERATE THE DESIRED SUBGRADE, FINISH GRADES AND SLOPES SHOWN.
3. CONTRACTOR SHALL TAKE FULL RESPONSIBILITY FOR ALL EXCAVATION, ADEQUATE SHORING SHALL BE DESIGNED AND PROVIDED BY THE CONTRACTOR TO PREVENT UNDERMINING OF ANY ADJACENT FEATURES OR FACILITIES AND/OR CAVING OF THE EXCAVATION.
4. THE CONTRACTOR IS WARNED THAT AN EARTHWORK BALANCE WAS NOT NECESSARILY THE INTENT OF THIS PROJECT. ANY ADDITIONAL MATERIAL REQUIRED OR LEFTOVER MATERIAL FOLLOWING EARTHWORK OPERATIONS BECOMES THE RESPONSIBILITY OF THE CONTRACTOR.
5. THE GRADING CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH THE OWNER TO PROVIDE FOR THE REQUIREMENTS OF THE PROJECT STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND ASSOCIATED PERMIT.
6. CONTRACTOR SHALL GRADE TO THE LINES AND ELEVATIONS SHOWN ON THE PLANS WITHIN THE FOLLOWING HORIZONTAL AND VERTICAL TOLERANCES AND DEGREES OF COMPACTION, IN THE AREAS INDICATED:

	HORIZONTAL	VERTICAL	COMPACTION
A. PAVEMENT AREA SUBGRADE	0.1+	+0.0 TO -0.1'	SEE SOILS REPORT
B. ENGINEERED FILL	0.5+	+0.1 TO -0.1'	SEE SOILS REPORT

COMPACTION TESTING WILL BE PERFORMED BY THE OWNER OR HIS REPRESENTATIVE.
7. ALL CUT AND FILL SLOPES SHALL BE PROTECTED UNTIL EFFECTIVE EROSION CONTROL HAS BEEN ESTABLISHED.
8. THE USE OF POTABLE WATER WITHOUT A SPECIAL PERMIT FOR BUILDING OR CONSTRUCTION PURPOSES INCLUDING CONSOLIDATION OF BACKFILL OR DUST CONTROL IS PROHIBITED. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FOR CONSTRUCTION WATER.
9. THE CONTRACTOR SHALL MAINTAIN THE STREETS, SIDEWALKS AND ALL OTHER PUBLIC RIGHT-OF-WAY IN A CLEAN, SAFE AND USABLE CONDITION. ALL SPILLS OF SOIL, ROCK OR CONSTRUCTION DEBRIS SHALL BE PROMPTLY REMOVED FROM THE PUBLICLY OWNED PROPERTY DURING CONSTRUCTION AND UPON COMPLETION OF THE PROJECT. ALL ADJACENT PROPERTY, PRIVATE OR PUBLIC SHALL BE MAINTAINED IN A CLEAN, SAFE AND USABLE CONDITION.
10. IN THE EVENT THAT ANY TEMPORARY CONSTRUCTION ITEM IS REQUIRED THAT IS NOT SHOWN ON THESE DRAWINGS, THE OWNER AGREES TO PROVIDE AND INSTALL SUCH ITEM AT HIS OWN EXPENSE AND AT THE DIRECTION OF THE CITY ENGINEER. TEMPORARY CONSTRUCTION INCLUDES DITCHES, BERMES, ROAD SIGNS AND BARRICADES, ETC.

REVISED 04/15/10

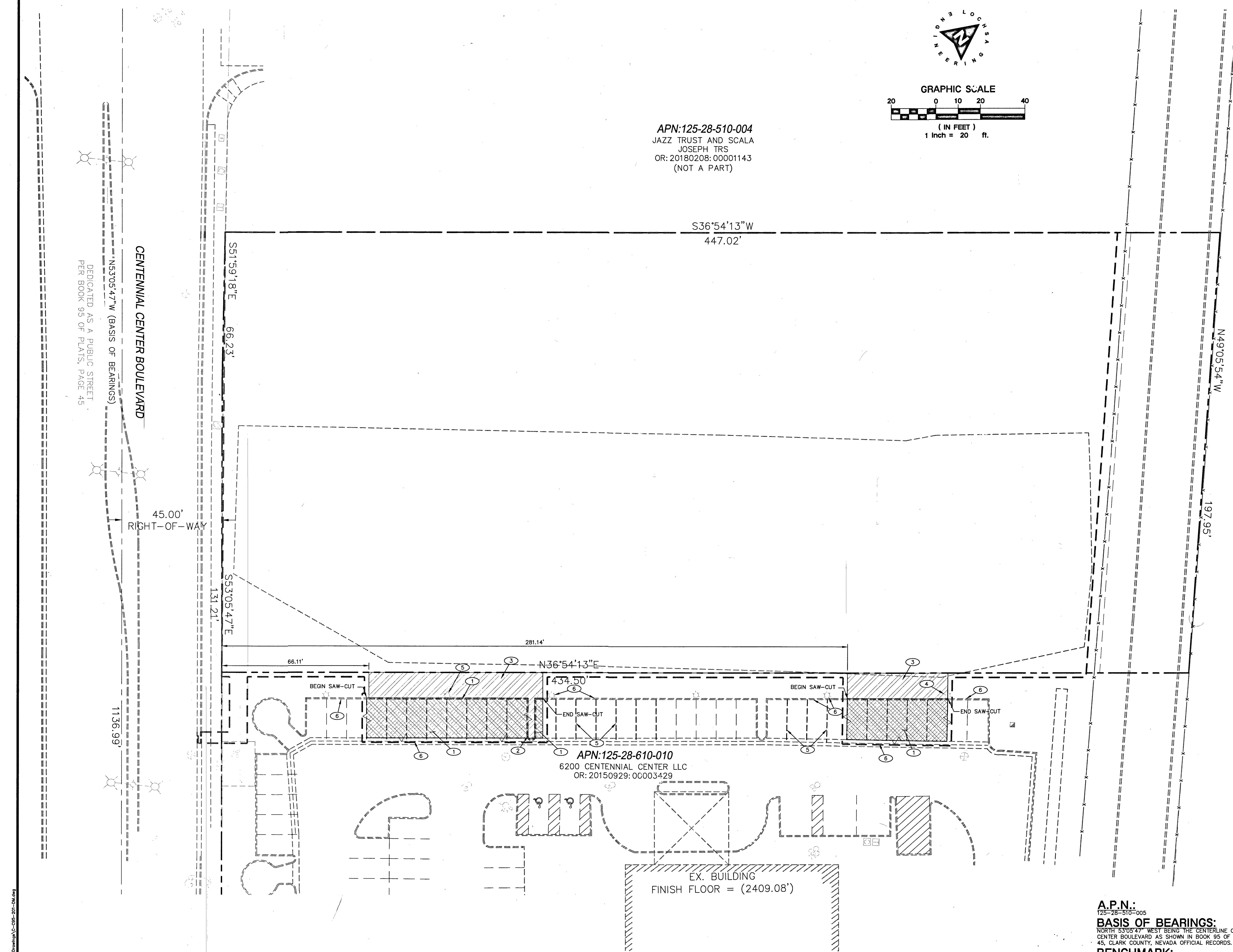
CITY OF LAS VEGAS SEWER NOTES

1. ALL CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE DESIGN AND CONSTRUCTION STANDARDS FOR WASTEWATER COLLECTION SYSTEMS AND THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA, NEVADA, AS AMENDED. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO BE AWARE OF THE CONTENTS OF THE ABOVE SPECIFICATIONS.
2. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PERFORM CONSTRUCTION AS PER PLANS, ANY ADDITIONS, DELETIONS, OR CHANGES SHALL FIRST MEET WITH THE APPROVAL OF THE CITY ENGINEER.
3. CHISEL "S" OR "C" IN CURBS WHERE SEWER OR GAS LATERALS PASS UNDER THE CURB.
4. POLYVINYL (PVC) SEWER PIPE SHALL MEET ASTM D-3034 SDR 35 SPECIFICATIONS, INSTALLED WITH SAND BEDDING AND BACKFILL OF TYPE II AGGREGATE BASE.
5. ALL MANHOLES PAVED IN STREETS EIGHTY (80) FOOT R/W AND LARGER SHALL HAVE CONCRETE COLLARS. STREETS LESS THAN EIGHTY (80) FOOT R/W WILL REQUIRE RETROFIT IF PAVING DOES NOT CONFORM TO CITY STANDARDS AT THE MANHOLE.
6. TEE SADDLES SHALL BE USED TO CONNECT SEWER LATERALS TO EXISTING MAIN LINES UP TO TWELVE INCH (12) DIAMETER. CONNECTIONS TO FIFTEEN INCH (15) OR LARGER MAINS SHALL REQUIRE SPECIAL PROCEDURES. IN LINE "Y" S SHALL BE USED ON LINES TWELVE INCHES (12) OR ABOVE.
7. WATER MAINS SHALL BE PROTECTED IN ACCORDANCE WITH LVVWD STANDARDS WHENEVER A SEWER MAIN CROSSES OVER A WATER MAIN OR THE SEWER IS LESS THAN EIGHTEEN INCH (18) UNDER A WATER MAIN.
8. ALL CONTRACTORS INSTALLING SEWER MAINS THAT WILL BE UNDER THE JURISDICTION OF THE CITY OF LAS VEGAS MUST BE STATE OF NEVADA CLASS "A" CONTRACTORS.
9. THE CITY OF LAS VEGAS WILL NOT ACCEPT ANY SEWER MAINS WHICH HAVE A VERTICAL DEFLECTION OF MORE THAN ONE TENTH (0.1) OF A FOOT FROM THE APPROVED CONSTRUCTION PLANS AT ANY LOCATION. SEWER MAINS FOUND TO EXCEED THIS TOLERANCE WILL HAVE TO BE REPAIRED OR REMOVED OR REPLACED TO THE SATISFACTION OF THE CITY ENGINEER PRIOR TO ACCEPTANCE BY THE CITY OF LAS VEGAS.
10. INSTALLATION OF CURVED SEWER REQUIRES THE USE OF C-900 PIPE WHICH ALLOWS FOR PIPE DEFLECTION AT THE JOINTS.

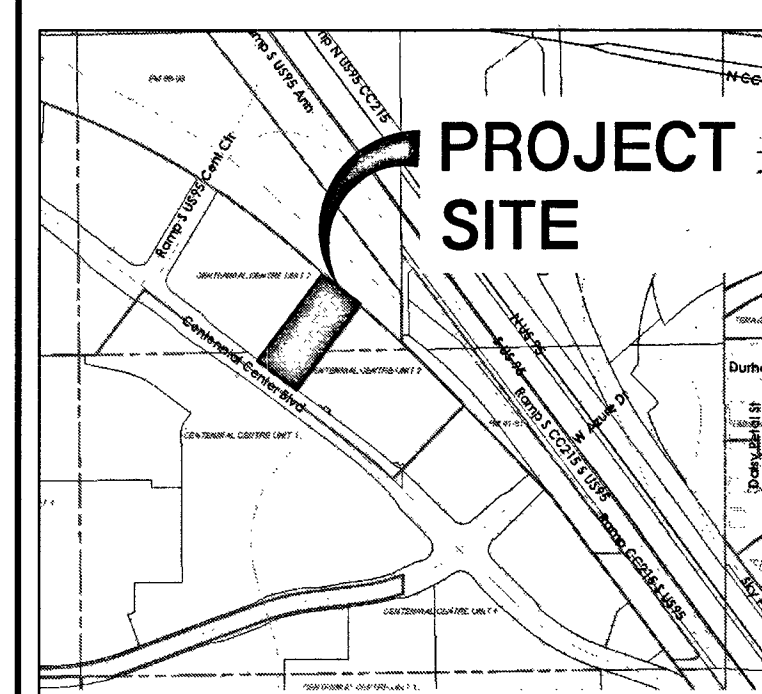
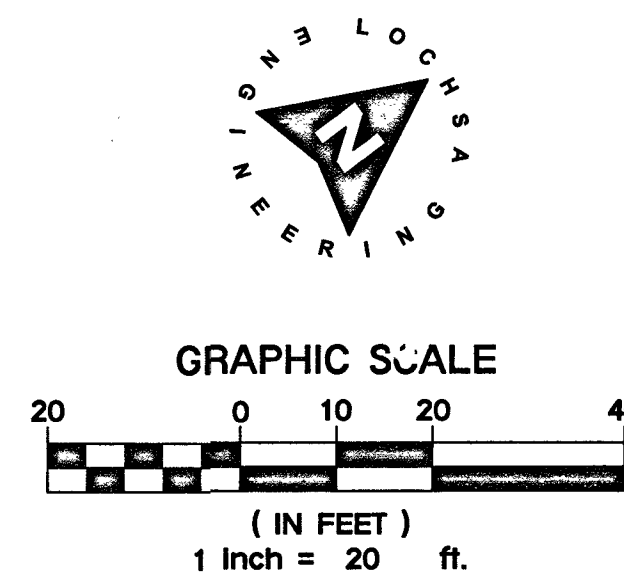
REVISED 04/15/10

CITY OF LAS VEGAS FIRE DEPARTMENT NOTES

1. ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE LAS VEGAS FIRE & RESCUE ADOPTED FIRE CODE ORDINANCE #6631 FOR HYDRANT SPECIFICATIONS AND HYDRANT INSTALLATION SPECIFICATIONS.
2. ONLY FIRE HYDRANTS THAT ARE ON THE LAS VEGAS VALLEY WATER DISTRICT'S - APPROVED PRODUCTS LIST ARE ALLOWED TO BE INSTALLED.
3. A PERMIT IS REQUIRED FROM LAS VEGAS FIRE & RESCUE FOR THE INSTALLATION OF ON-SITE WATER LINES AND FIRE HYDRANTS. THE PERMIT AND CONTRACTORS MATERIAL TEST CERTIFICATE FOR UNDERGROUND PIPING FORM SHALL BE OBTAINED FROM THE FIRE PROTECTION ENGINEER BEFORE COMMENCEMENT OF WORK. [FC § 105.6.15]
4. ON ANY RESIDENTIAL OR COMMERCIAL INSTALLATIONS, FIRE HYDRANTS SHALL BE INSTALLED AND FIRE APPARATUS ACCESS ROADS SHALL BE MAINTAINED BEFORE COMMENCEMENT OF ANY COMBUSTIBLE CONSTRUCTION. ALL FIRE HYDRANTS SHALL BE IN GOOD WORKING ORDER AND SHALL BE CAPABLE OF DELIVERING THE REQUIRED FIRE FLOW. [FC § 3310, § 3312]
5. TO IDENTIFY THE FIRE HYDRANT LOCATIONS, THE CONTRACTOR SHALL PLACE A BLUE REFLECTIVE MARKER AT THE CENTER LINE OF STREET ADJACENT TO THE FIRE HYDRANTS. [FC § 507.5.7.3]
6. ALL UNDERGROUND INSPECTIONS, PRESSURE AND FLUSH VERIFICATIONS OF ALL FIRE HYDRANTS AND FIRE LINES, SHALL BE CONDUCTED BEFORE COVERING THE LINES. CENTER LOADING IS ACCEPTABLE FOR THE HYDRO TESTS WITH PRIOR FIRE PREVENTION



APN:125-28-510-004
JAZZ TRUST AND SCALA
JOSEPH TRS
OR: 20180208: 00001143
(NOT A PART)



DEMOLITION NOTES:
- NOT ALL NOTES USED ON THIS SHEET -

- 1 SAW-CUT AND REMOVE EXISTING ASPHALT.
- 2 REMOVE EXISTING CURB AND GUTTER.
- 3 REMOVE EXISTING LANDSCAPING COORDINATE WITH OWNER AND LANDSCAPE ARCHITECT.
- 4 REMOVE EXISTING AREA LIGHT, SALVAGE AND RETURN TO OWNER.
- 5 OBLITERATE EXISTING PAVEMENT PARKING STRIPE.
- 6 PROTECT IN PLACE.

LEGEND:

- SAW-CUT LINE
- ASPHALT AND EXISTING IMPROVEMENTS TO BE REMOVED.
- EXISTING LANDSCAPE TO BE REMOVED
- LIMITS OF CONSTRUCTION

**LAS VEGAS VALLEY
CONSTRUCTION SITE BEST
MANAGEMENT PRACTICES
GUIDANCE MANUAL SECTION
3.5.1 STANDARD NOTES 1-5**

1. THE OWNER, SITE DEVELOPER, CONTRACTOR, AND/OR THEIR AUTHORIZED AGENTS SHALL EACH DAY REMOVE ALL SEDIMENT, MUD, CONSTRUCTION DEBRIS, OR OTHER POTENTIAL POLLUTANTS THAT MAY HAVE BEEN DISCHARGED TO, OR ACCUMULATED IN, THE PUBLIC RIGHT-OF-WAY OF THE CITY OF LAS VEGAS AS A RESULT OF CONSTRUCTION ACTIVITIES ASSOCIATED WITH THIS SITE DEVELOPMENT OR CONSTRUCTION PROJECT. SUCH MATERIAL SHALL BE PREVENTED FROM ENTERING THE STORM SEWER SYSTEM.
2. ADDITIONAL CONSTRUCTION SITE DISCHARGE BEST MANAGEMENT PRACTICES MAY BE REQUIRED OF THE OWNER AND HIS OR HER AGENTS DUE TO UNFORESEEN EROSION PROBLEMS OR IF THE SUBMITTED PLAN DOES NOT MEET THE PERFORMANCE STANDARDS SPECIFIED IN THE CITY OF LAS VEGAS AND THE LAS VEGAS VALLEY CONSTRUCTION SITE BMP GUIDANCE MANUAL.
3. TEMPORARY OR PERMANENT STABILIZATION PRACTICES WILL BE INSTALLED ON DISTURBED AREAS AS SOON AS PRACTICABLE AND NO LATER THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED. SOME EXCEPTIONS MAY APPLY; REFER TO THE NEVADA STORMWATER GENERAL PERMIT FOR CONSTRUCTION ACTIVITY NVR10000, SECTION III.A.5.
4. AT A MINIMUM, THE CONTRACTOR OR HIS AGENT SHALL INSPECT ALL DISTURBED AREAS, AREAS USED FOR STORAGE OF MATERIALS AND EQUIPMENT THAT ARE EXPOSED TO PRECIPITATION, VEHICLE ENTRANCE AND EXIT LOCATIONS, AND ALL BMPs WEEKLY, AND WITHIN 24 HOURS AFTER ANY RAIN EVENT OR 0.5 INCHES OR MORE. THE CONTRACTOR OR HIS AGENT SHALL UPDATE OR MODIFY THE STORMWATER POLLUTION PREVENTION PLAN AS NECESSARY. SOME EXCEPTIONS TO WEEKLY INSPECTIONS MAY APPLY, SUCH AS SUSPENSION OF LAND DISTURBANCE ACTIVITIES. REFER TO THE NEVADA STORMWATER GENERAL PERMIT FOR CONSTRUCTION ACTIVITY NVR10000, SECTION III.A.12.
5. ACCUMULATED SEDIMENT IN BMP'S SHALL BE REMOVED WITHIN SEVEN DAYS AFTER A STORMWATER RUNOFF EVENT OR PRIOR TO THE NEXT ANTICIPATED STORM EVENT, WHICHEVER IS EARLIER. SEDIMENT MUST BE REMOVED WHEN BMP DESIGN CAPACITY HAS BEEN REDUCED BY 50 PERCENT OR MORE.

UTILITY NOTE:

LOCHSA ENGINEERING ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITY LOCATIONS AND ELEVATIONS. THE UTILITIES SHOWN ON THIS PLAN ARE FROM THE BEST AVAILABLE INFORMATION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION AND ELEVATION OF ALL UTILITIES, INCLUDING BUT NOT LIMITED TO THE WATER, FIRE, SANITARY SEWER, STORM SEWER, TELEPHONE, POWER, GAS, AND IRRIGATION LINES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. IF CONFLICT EXISTS IN THE FIELD, THE CONTRACTOR IS TO NOTIFY THE PROJECT ARCHITECT, OWNER'S REPRESENTATIVE AND THE PROJECT ENGINEER IMMEDIATELY.

Call before you Dig
Avoid cutting underground utility lines. It's costly.



A.P.N.:

125-28-510-005

BASIS OF BEARINGS:

NORTH 53°05'47" WEST BEING THE CENTERLINE OF CENTENNIAL CENTER BOULEVARD AS SHOWN IN BOOK 95 OF PLATS, PAGE 45, CLARK COUNTY, NEVADA OFFICIAL RECORDS.

BENCHMARK:

SLV90286 RIVET & PLATE IN TOP OF CURB AT NW CORNER OF CENTENNIAL CENTER PKWY & US 95 SB OFF RAMP. ELEVATION= 738.593 METERS= 2423.20 U.S. SURVEY FEET (NAVD 88).

CL OR SURVEY LINE	EASEMENT LINE	DESCRIPTION:	BUILDING OUTLINE	EDGE OF PAVEMENT	"A" TYPE CURBS	"L" TYPE CURBS	WALLS	CONTOUR LINES	AC PAVEMENT	CONCRETE	SPOT ELEVATIONS	SIGNS	MANHOLE W/ DESCRIPTION	MANHOLE DESCRIPTIONS	FIRE HYDRANTS	GATE VALVES	REDUCERS	CLEAN OUTS	UTILITY BOX OR VAULT	100w HPS STREETLIGHTS	150w HPS STREETLIGHTS	200w HPS STREETLIGHTS	250w HPS STREETLIGHTS	400w HPS STREETLIGHTS
PROPERTY LINE	SAWCUT LINE	EXISTING:																						
ROW LINE	SCARP LINE	PROPOSED:																						

Lochsa Engineering

DEMOLITION PLANS
DEMOLITION PLAN

CENTENNIAL HYUNDAI
PARKING LOT

PROJECT No:

DATE:

SCALE:

DRAWN BY:

DESIGNED BY:

CHECKED BY:

181143

3/11/2019

1" = 20'

JPS

JPS

TTE

SEAL

LOCHSA ENGINEERING - STATE OF NEVADA

3/11/2019

SHEET No.

C2.01

SHEET 3 OF 7

CITY OF LAS VEGAS

L18-02520

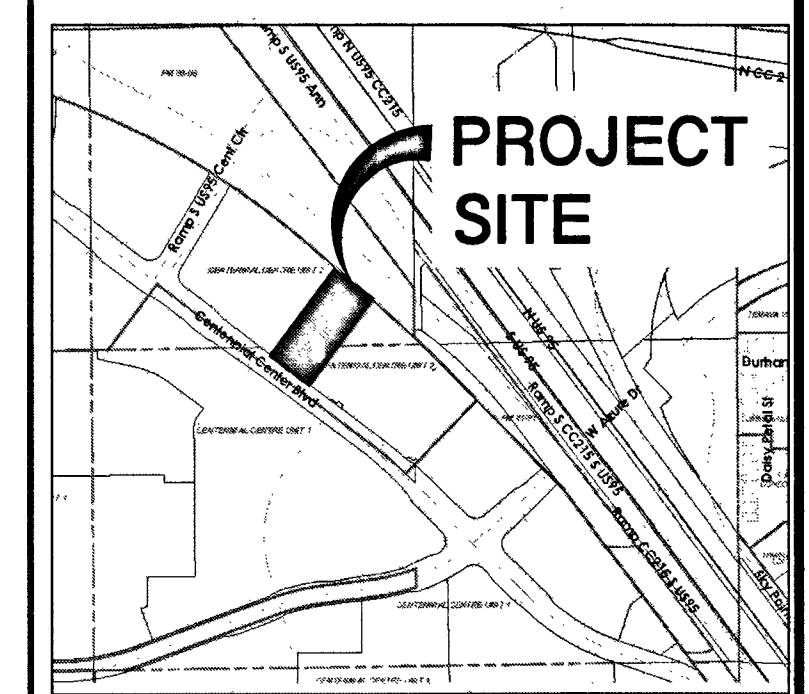
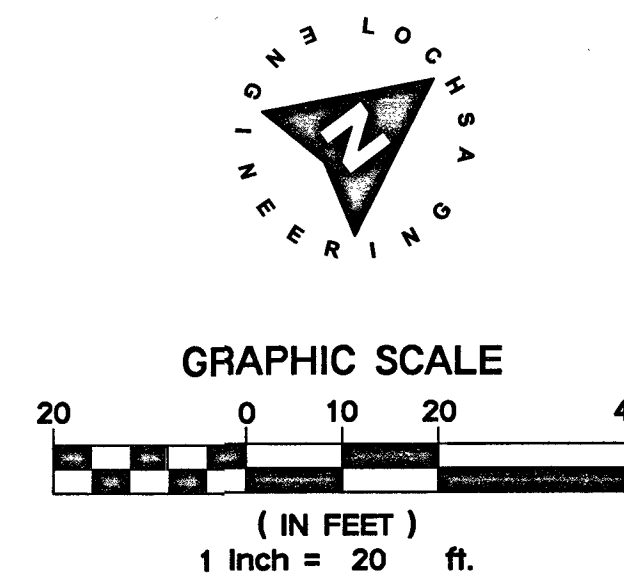
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T:\COV\181143\Drawings\Plan Drawings\18-025-201-DM.dwg

ALL CONSTRUCTION TO BE DONE IN ACCORDANCE WITH "CLARK COUNTY AREA UNIFORM STANDARD DRAWINGS (C.C.A.U.S.D.)" LATEST EDITION AND/OR REGULATING ENTITY HAVING JURISDICTION.

1. CONSTRUCT AC PAVEMENT PER DETAIL 1 ON C4.01.
2. INSTALL 'L' TYPE CURB PER CCAUSO NO. 216
3. INSTALL 'A' TYPE CURB PER DETAIL 2 ON C4.01
4. INSTALL SIDEWALK UNDERDRAIN PER CCAUSO NO. 236
5. PROP. 2' CONCRETE 'U' CHANNEL PER DETAIL 3 ON C4.01.
6. PROTECT IN PLACE
7. INSTALL 6" WIDE RIP RAP SWALE PER DETAIL 4 ON C4.01
8. REMOVE/RELOCATE PER PLANS BY OTHERS
9. INSTALL 2' CURB CUT PER DETAIL 5 ON C4.01
10. INSTALL 3' CONCRETE UTILITY GUTTER-PER DETAIL 6 ON C4.01
11. CONSTRUCT 6' SCREEN WALL FOR SOUTHERN NEVADA BUILDING OFFICIALS REGIONAL MASONRY FENCES, B-100
12. CONSTRUCT EARTHEN SWALE, PROVIDE POSITIVE DRAINAGE.

APN:125-28-510-004
JAZZ TRUST AND SCALA
JOSEPH TRS
OR:20180208:00001143
(NOT A PART)



The logo of the National Association of Manufacturers (NAM) is a circular emblem. It features a large, bold, black letter 'N' in the center. The 'N' is set against a white background. Surrounding the 'N' is a black border. Within this border, the words 'NATIONAL ASSOCIATION OF MANUFACTURERS' are written in a circular path, following the curve of the border. The text is in a sans-serif, uppercase font.

VICINITY MAP
NOT TO SCALE

LAS VEGAS VALLEY
CONSTRUCTION SITE BEST
MANAGEMENT PRACTICES
GUIDANCE MANUAL SECTION
3.5.1 STANDARD NOTES 1-5

1. THE OWNER, SITE DEVELOPER, CONTRACTOR, AND/OR THEIR AUTHORIZED AGENTS SHALL EACH DAY REMOVE ALL SEDIMENT, MUD, CONSTRUCTION DEBRIS, OR OTHER POLLUTANTS FROM THE CONSTRUCTION SITE. DEBRIS IS DISCHARGED TO, OR ACCUMULATED IN, THE PUBLIC RIGHT-OF-WAY OF THE CITY OF LAS VEGAS AS A RESULT OF CONSTRUCTION ACTIVITIES ASSOCIATED WITH THE SITE DEVELOPMENT. SUCH DEBRIS, INCLUDING, BUT NOT LIMITED TO, SUCH MATERIAL SHALL BE PREVENTED FROM ENTERING THE STORM SEWER SYSTEM.
2. ADDITIONAL CONSTRUCTION SITE DISCHARGE BEST MANAGEMENT PRACTICES MAY BE REQUIRED OF THE OWNER AND HIS OR HER AGENTS DUE TO UNFORESEEN EROSION PROBLEMS OR IF THE SUBMITTED PLAN DOES NOT TAKE THE PERMITTING AGENCY'S STUDIES SPECIFIED IN THE CITY OF LAS VEGAS AND THE LAS VEGAS VALLEY CONSTRUCTION SITE BMP GUIDANCE MANUAL.
3. TEMPORARY OR PERMANENT STABILIZATION PRACTICES WILL BE INSTALLED ON DISTURBED AREAS AS SOON AS PRACTICABLE AND NO LATER THAN 14 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS TEMPORARILY OR PERMANENTLY CEASED. SOME EXCEPTIONS MAY APPLY; REFER TO THE NEVADA STORMWATER GENERAL PERMIT FOR CONSTRUCTION ACTIVITY NVRI0000, SECTION 8.I.A.5.
4. AT A MINIMUM, THE CONTRACTOR OR HIS AGENT SHALL INSPECT ALL DISTURBED AREAS, AREAS USED FOR STORAGE OF MATERIALS, AND AREAS WHERE MATERIALS ARE EXPOSED TO PRECIPITATION, VEHICLE ENTRANCE AND EXIT LOCATIONS, AND ALL BMPs WEEKLY, AND WITHIN 24 HOURS AFTER ANY RAIN EVENT OF 0.5 INCHES OR GREATER. THE CONTRACTOR OR HIS AGENT SHALL UPDATE OR MODIFY THE STORMWATER POLLUTION PREVENTION PLAN AS NECESSARY. SOME EXCEPTIONS TO WEEKLY INSPECTIONS MAY APPLY, SUCH AS SUSPENSION OF LAWS DURING A MAJOR DISTURBANCE. REFER TO THE NEVADA STORMWATER GENERAL PERMIT FOR CONSTRUCTION ACTIVITY NVRI00000, SECTION 8.I.A.12.
5. ACCUMULATED SEDIMENT IN BMP'S SHALL BE REMOVED EVERY SEVEN DAYS AFTER A STORMWATER RUNOFF EVENT OR PRIOR TO THE NEXT ANTICIPATED STORM EVENT, WHICHEVER IS EARLIER. SEDIMENT MUST BE REMOVED WHEN BMP STORAGE CAPACITY HAS BEEN REDUCED BY 50 PERCENT OR MORE.

1. SLOPES 4:1 OR STEEPER AND FINE-GRAINED MATERIALS THAT HAVE BEEN DISTURBED (SANDY AND SILTY MATERIALS) SHOULD BE PROTECTED WITH BURLAP OR OTHER EROSION CONTROL FABRICATED, UNLESS OTHERWISE SPECIFIED BY LANDSCAPE DRAWINGS AND SPECIFICATIONS OR THE SOILS REPORT.
2. CONTRACTOR SHALL DETERMINE HIS OWN FOOTING OR BASEMENT EXCAVATION QUANTITIES, EVEN THOUGH SHOWN ON ROUGH GRADING PLANS. ADDITIONALLY, STRUCTURE BASEMENT COSTS SHOULD BE FABRICATED IN THE COST OF THE STRUCTURE, UNLESS OTHERWISE SPECIFIED IN THE CONTRACT DOCUMENTS.
3. CONTRACTOR SHALL NOTIFY LOCHSA ENGINEERING WITHIN 24 HOURS OF OMISSIONS AND ERRORS DISCOVERED ON PLANS. LOCHSA ENGINEERING WILL NOT BE RESPONSIBLE FOR ANY CORRECTIVE WORK DONE BY OTHERS.
4. CONTRACTOR TO ENSURE POSITIVE DRAINAGE, NO PERMIT ALLOWED TO CONSTRUCTION WITHOUT RECOMMENDATIONS AS OUTLINED IN THE PROJECT GEOTECHNICAL REPORT, INCLUDING BUT NOT LIMITED TO EROSION, GRADING AND COMPACTION. REFER TO THE REPORT PREPARED BY:

LOCHSA ENGINEERING ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITY LOCATIONS AND ELEVATIONS. THE UTILITIES SHOWN ON THIS PLAN ARE FROM THE BEST AVAILABLE INFORMATION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION AND ELEVATION OF ALL UTILITIES, INCLUDING BUT NOT LIMITED TO, THE WATER, FIRE, SANITARY SEWER, STORM SEWER, TELEPHONE, POWER, GAS, AND ILLINOIS LIGHT FIBER. IN THE EVENT OF A UTILITY CONFLICT DURING CONSTRUCTION, THE CONTRACTOR EXISTS IN THE FIELD, THE CONTRACTOR IS TO NOTIFY THE PROJECT ARCHITECT, OWNER'S REPRESENTATIVE AND THE PROJECT ENGINEER IMMEDIATELY.

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OR

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FAST



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FREEMAN & ARTISAL SYSTEM

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CALL BEFORE YOU GO OVERHEAD



1-702-227-2929

**GRADING PLANS
GRADING PLAN**

**CENTENNIAL HYUNDAI
PARKING LOT**

SHEET

PROJECT No.: 1811

DATE: 3/11/2019

SCALE: 1" = 2'

DRAWN BY: JH

DESIGNED BY: JH

CHECKED BY: TH

SEAL

PROFESSIONAL ENGINEER - STATE OF NEVADA

NO. 12286

3/11/2019

SHEET No. C3.01

SHEET 4 OF 7

CITY OF LAS VEGAS

L18-02520

12-100

NOTE:
PROPERTY OWNER IS RESPONSIBLE TO MAINTAIN THE BEST
MANAGEMENT PRACTICES SUCH AS BUT NOT LIMITED TO THE
REMOVAL OF ACCUMULATED SEDIMENT AND DEBRIS AND CARE
OF THE VEGETATION.

EXISTING UTILITY NOTE:
CONTRACTOR TO ADJUST ALL EXISTING UTILITIES TO MATCH
PROPOSED FINISH GRADE ELEVATIONS.

FLOOD ZONE NOTE:

THE PROJECT SITE IS COVERED BY THE FLOOD INSURANCE RATE MAP (FIRM) FOR THE CLARK COUNTY AND INCORPORATED AREAS, NEVADA, COMMUNITY PANEL NUMBER: 32003C1745F, EFFECTIVE DATE SEPTEMBER 27,2002. THE SUBJECT SITE IS WITHIN A ZONE "X" (UNSHADED), DEFINED BY FEMA AS AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN.

CUT.....	357.91 CU. YD.
FILL.....	405.89 CU. YD.
NET.....	47.97 CU. YD. FILL

DESCRIPTION	PUBLIC QUANTITY	PRIVATE QUANTITY
SIDEWALK UNDERDRAIN	2 EA	- EA
CONCRETE "U" CHANNEL	9 LF	- EA

NAME: TED EGERTON PE # 11286 DATE 3/11/19

A.P.N.:
125-28-510-009

BASIS OF BEARINGS:
NORTH 53°05'47" WEST BEING THE CENTERLINE OF CENTENNIAL
CENTER BOULEVARD AS SHOWN IN BOOK 95 OF PLATS, PAGE
45, CLARK COUNTY, NEVADA OFFICIAL RECORDS.

BENCHMARK:
3L9V028B6 RIVET & PLATE IN TOP OF CURB AT NW CORNER
OF CENTENNIAL CENTER PKWY & US 95 SB OFF RAMP.
ELEVATION= 738.593 METERS= 2423.20 U.S. SURVEY FEET
(NAVD 88').

BENCHMARK:
 5190286 RIVET & PLATE IN TOP OF CURB AT NW CORNER
 OF CENTENNIAL CENTER PKWY & US 95 SB OFF RAMP.
 ELEVATION= 738.593 METERS= 2423.20 U.S. SURVEY FEET
 (NAVD 88').

OR

1-800-227-2800

Call before you Underground

1-702-432-5300
 FREEWAY & AESTERIAL SYSTEM
 OF LAS VEGAS

1-702-227-2929

[illegible]

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LEGEND

CL OR SURVEY LINE
PROPERTY LINE
ROW LINE

EASEMENT LINE
SAWCUT LINE
SCARP LINE

DESCRIPTION:
EXISTING:
PROPOSED:

BUILDING OUTLINE
EDGE OF PAVEMENT

"A" TYPE CURBS
"L" TYPE CURBS

WALLS

CONTOUR LINES

AC PAVEMENT

CONCRETE

SPOT ELEVATIONS

SIGNS

MANHOLE W/ DESCRIPTION

MANHOLE DESCRIPTIONS

FIRE HYDRANTS

GATE VALVES

REDUCERS

CLEAN OUTS

UTILITY BOX OR VAULT

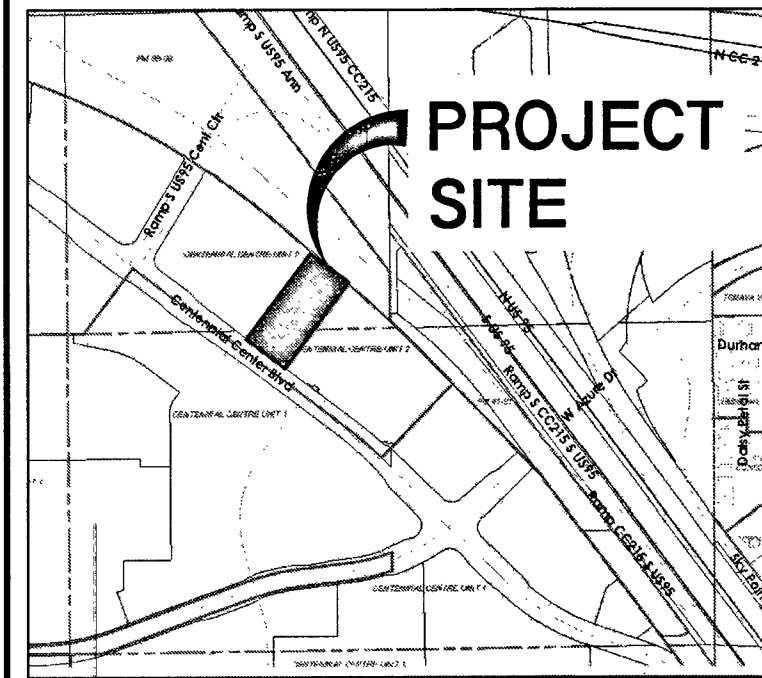
100w HPS STREETLIGHTS

150w HPS STREETLIGHTS

200w HPS STREETLIGHTS

250w HPS STREETLIGHTS

400w HPS STREETLIGHTS



VICINITY MAP
NOT TO SCALE

Lochsa
engineering

HORIZONTAL CONTROL PLANS
LINE AND CURVE TABLE
CENTENNIAL HYUNDAI
PARKING LOT

SHEET
TITLE

PROJECT No.: 181143

DATE: 3/11/2019

SCALE: 1"=20'

DRAWN BY: JPS

DESIGNED BY: JPS

CHECKED BY: TTE

3/11/2019
SHEET No. C4.02
SHEET 6 OF 7
CITY OF LAS VEGAS
18-02-52-2
512-100

UTILITY NOTE:

LOCHSA ENGINEERING ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITY LOCATIONS AND ELEVATIONS. THE UTILITIES SHOWN ON THIS PLAN ARE FROM THE BEST AVAILABLE INFORMATION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION AND ELEVATION OF ALL UTILITIES, INCLUDING BUT NOT LIMITED TO, THE WATER, FIRE, SANITARY SEWER, STORM SEWER, TELEPHONE, POWER, GAS, AND IRRIGATION LINES PRIOR TO THE COMMENCEMENT OF THE CONSTRUCTION. IF CONFLICT EXISTS IN THE FIELD, THE CONTRACTOR IS TO NOTIFY THE PROJECT ARCHITECT, OWNER'S REPRESENTATIVE AND THE PROJECT ENGINEER IMMEDIATELY.

Call before you Dig
Avoid hitting overhead power lines. It's costly.

FAST
Call before you Dig
Underground

Call before you Dig
Avoid hitting overhead power lines. It's costly.

A.P.N.:
125-28-510-005

BASIS OF BEARINGS:

NORTH 53°05'47" WEST BEING THE CENTERLINE OF CENTENNIAL CENTER BOULEVARD AS SHOWN IN BOOK 95 OF PLATS, PAGE 45, CLARK COUNTY, NEVADA OFFICIAL RECORDS.

BENCHMARK:

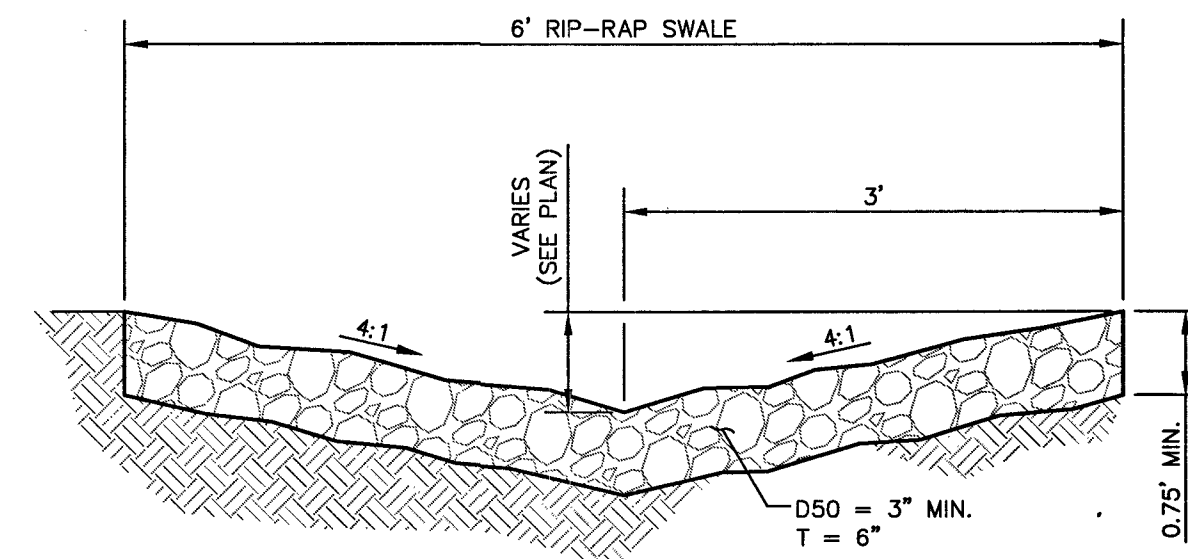
5LV9028N6 RIVET & PLATE IN TOP OF CURB AT NW CORNER OF CENTENNIAL CENTER PKWY & US 95 SB OFF RAMP.
ELEVATION= 736.593 METERS= 2423.20 U.S. SURVEY FEET (NAVD 88).

1-800-227-2600
1-702-432-6300
1-702-227-2929

NOT TO SCALE

NOT TO SCALE

NOT TO SCALE

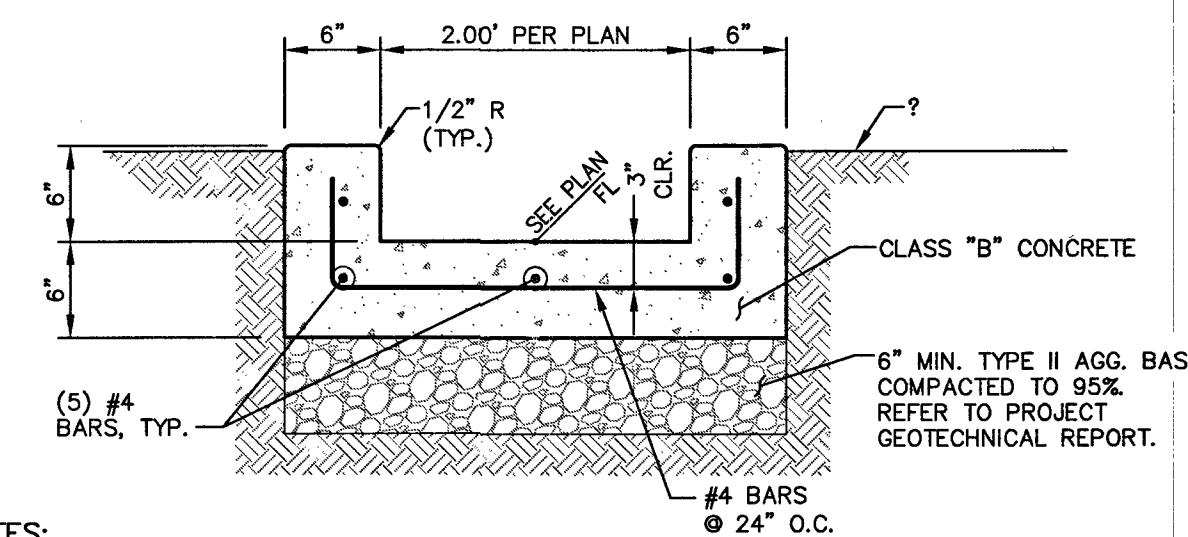


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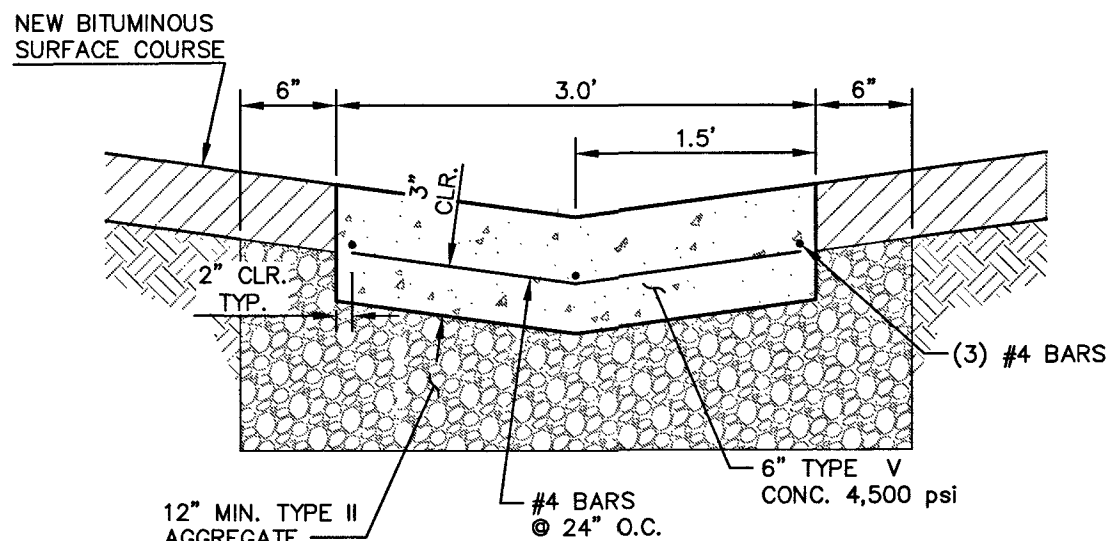


1. EXPANSION JOINTS REQUIRED AT ALL LOCATIONS WHERE CHANNEL MEETS CURB.
2. WEAKENED PLANE JOINTS REQUIRED AT 10' MAX. SPACING.
3. REFER TO PROJECT GEOTECHNICAL REPORT FOR TYPE II AGGREGATE OR SELECTED MATERIAL DEPTH AND COMPACTION, SUB-GRADE PREPARATION, MEMBRANES AND OTHER PLACEMENT RECOMMENDATIONS.

NOT TO SCALE

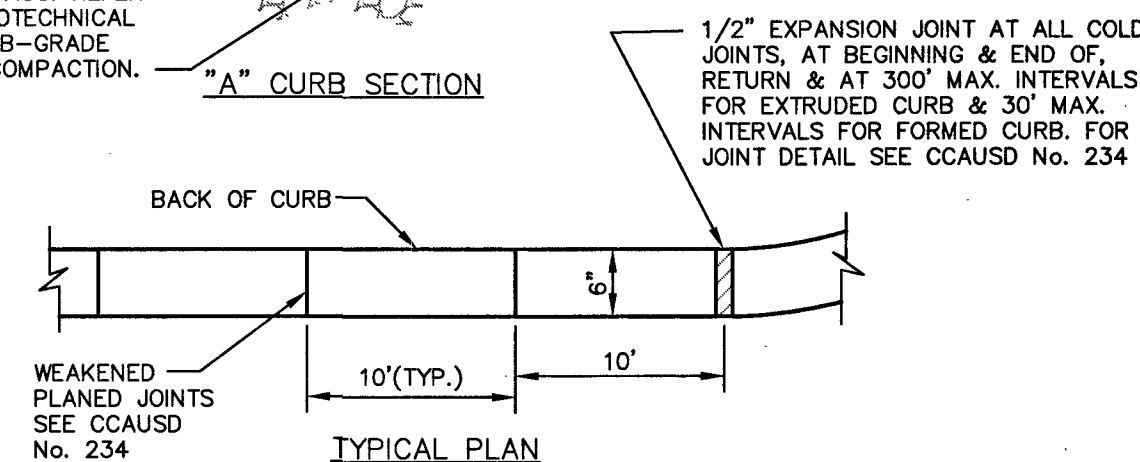
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NOTE:
1. REFER TO PROJECT GEOTECHNICAL REPORT FOR ALL SUB-GRADE PREPARATION AND COMPACTION.

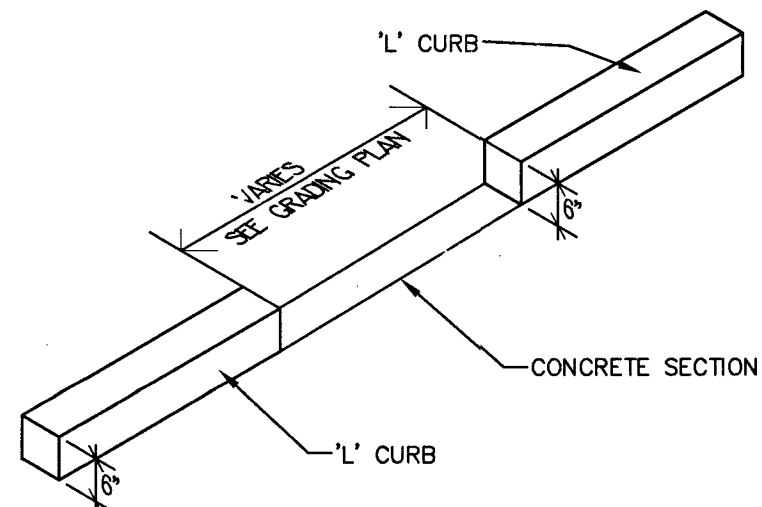
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NOT TO SCALE

NOT TO SCALE

A cross-sectional diagram of a pavement structure. The top layer is labeled 'A = A.C. PAVEMENT PER SCHEDULE'. The middle layer is labeled 'B = TYPE II AGG. BASE'. The bottom layer is labeled 'COMPACTED SUBGRADE PER GEOTECHNICAL REPORT'. A vertical arrow points downwards from the center of the pavement structure into the subgrade.

NOT TO SCALE

NOT TO SCALE

NOT TO SCALE

NOT TO SCALE

NOT TO SCALE

Lochsa
engineering
8345 South Jones Blvd.
Suite 100
Las Vegas, NV 89118
Phone (702) 365-5312
Fax (702) 365-5317
www.lochsa.com

181143

DATE: _____

SCALE: _____

DRAWN BY:

DESIGNED BY:

CHECKED BY:

SEAL

SSS

3/11/2019

C5.01

CITY OF LAS VEGAS
18-02520

512-100

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