

NE CORNER OF WEST RED COACH AVENUE AND QUADREL STREET  
CLARK COUNTY, NEVADA 89129  
APN: 138-04-503-005  
ACRES: 0.47

|                             |       |
|-----------------------------|-------|
| NUMBER OF BUILDINGS:        | 1     |
| SQ. FOOTAGE OF BUILDING(S): | 2,200 |
| EXISTING ZONING             | R-E   |
| APPROVED ZONING             | R-E   |
| GROSS/NET ACREAGE:          | 0.47  |

ACG DESIGN  
NATHAN JONES  
4310 CAMERON ST. STE. 12-A  
LAS VEGAS, NV 89103  
PHONE: (702) 448-8737

**RED TREE DEVELOPMENT GROUP**  
CLARK ENCABO  
7020 MANZANARES  
NORTH LAS VEGAS, NV 89084  
PHONE: (702) 982-0822  
FAX: (702) 946-1371  
EMAIL: clark@redtreelv.com

ARROW RANCH ESTATE, LLC  
CLARK ENCABO  
7678 RED COACH AVENUE  
LAS VEGAS, NV 89129  
EMAIL: [clark@redtreelv.com](mailto:clark@redtreelv.com)

THE CONTRACTOR SHALL BE RESPONSIBLE TO INVESTIGATE AND VERIFY THE ACTUAL LOCATION AND DEPTH OF ALL EXISTING UNDERGROUND FACILITIES AT LEAST 48 HOURS IN ADVANCE OF THE PERFORMANCE OF ANY WORK.

THESE PLANS SHALL NOT, IN PART OR IN WHOLE, BE USED FOR CONSTRUCTION UNTIL APPROVED AND SIGNED BY THE GOVERNING AGENCY.

ENGINEER TO BE NOTIFIED OF ANY DISCREPANCIES IMMEDIATELY.

ACG DESIGN ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITY LOCATIONS, SHOWN OR NOT SHOWN. THE UTILITIES SHOWN ON THIS DRAWING HAVE BEEN OBTAINED FROM RECORD INFORMATION AND ARE FOR THE CONVENIENCE OF THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY THE LOCATIONS AND DEPTHS OF ALL RELEVANT UTILITIES PRIOR TO COMMENCING WITH CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE TO NOTIFY THE ENGINEER OF WORK, IN WRITING, OF ANY CONFLICTS OR DISCREPANCIES.

THAT PORTION OF THE NORTHEAST QUARTER (NE 1/4) OF OF SECTION 4,  
TOWNSHIP 20 SOUTH, RANGE 60 EAST, M.D.M.

LOT THREE (3) OF THAT CERTAIN PARCEL MAP IN FILE 58, PAGE 39, OF  
PARCEL MAPS IN THE OFFICE OF THE COUNTY RECORDER OF CLARK  
COUNTY, NEVADA.

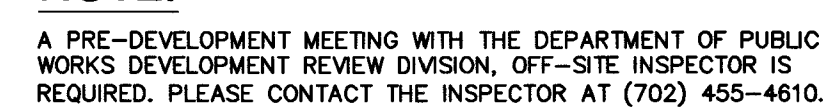
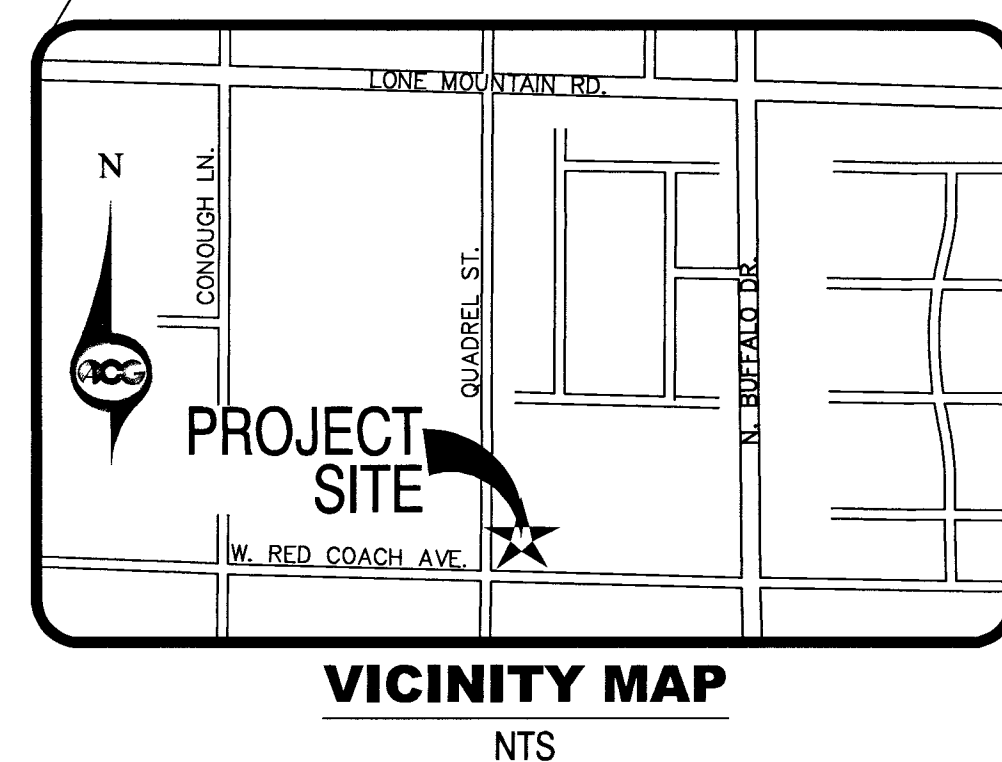
A.P.N. 138-04-503-005

NORTH 00°13'52" EAST BEING THE CENTERLINE OF QUADREL STREET, NORTH OF THE INTERSECTION OF QUADREL STREET AND RED COACH AVENUE, AS SHOWN IN FILE 58, PAGE 39 OF PLATS, CLARK COUNTY, NEVADA OFFICIAL RECORDS.

CITY OF LAS VEGAS BENCHMARK NO. 1LV90 33SES  
ELEVATION = 2353.04' // 717.208 METERS  
RIVET AND PLATE ON CONCRETE ELECTRIC VAULT, NORTHWEST CORNER OF  
BUFFALO DRIVE AND LONE MOUNTAIN ROAD (NAVD '88).

OWNER RESPONSIBLE TO PROVIDE SURVEY MONUMENTATION AS SHOWN AND TO REPLACE ALL SURVEY MONUMENTATION DAMAGED, DISTURBED, DESTROYED OR OBSCURED DURING CONSTRUCTION.

AS SHOWN BY FLOOD INSURANCE RATE MAP NO. 32003C2554F, DATED NOVEMBER 16, 2011, THE SITE IS LOCATED WITHIN SHADED ZONE 'X', WHICH IS DEFINED AS AN AREA OF 0.2% ANNUAL CHANCE FLOOD; AREAS OF 1% ANNUAL CHANCE FLOOD WITH AVERAGE DEPTHS OF LESS THAN 1 FOOT OR WITH DRAINAGE AREAS LESS THAN 1 SQUARE MILE; AND AREAS PROTECTED BY LEVEES FROM 1% ANNUAL CHANCE FLOOD.



## APPROVALS

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.

*Barbara Harrison* 5-21-19  
NEVADA POWER COMPANY, A NEVADA CORPORATION D.B.A. NV ENERGY DATE

THE CENTRAL TELEPHONE COMPANY, D.B.A. 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.

Central Telephone Company D.B.A. CENTURYLINK  
 DATE 5-22-19

COX COMMUNICATIONS LAS VEGAS, INC. 5/21/19  
DATE

011  
 Jamie Harsh      Jamie Harsh      6/3/19  
 \_\_\_\_\_  
 SOUTHWEST GAS CORPORATION      DATE

COUNTY OF CLARK FIRE DEPARTMENT APPROVED

BY: Don Con DATE: 6-5-19  
APPROVAL OF THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR, OR AN APPROVAL OF, ANY VIOLATION OF ANY OF THE PROVISIONS OF THE STATE OR COUNTY LAWS. FP19-02416  
ADJUSTED FIRE FLOW 1500 AT 20 P.S.I. RESIDUAL.


  
 ALLEN PAVELKA, P.E. # 09029 \_\_\_\_\_ DATE \_\_\_\_\_

CLV CITY ENGINEER  
"SEWER ONLY"  
INTERLOCAL AGREEMENT DOC. NO. A18-00083 REC. DOC # 2019 0227:000314

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.

APPROVED FOR CONSTRUCTION

PROJECT NO. 136245 FIRST APPROVED DATE: 6-2-19  
LVWMD APPROVED FIRE FLOW 1500 GPM AT 20 P.S.I. RESIDUAL  
MAXIMUM AVAILABLE FIRE SPRINKLER FLOW N/A GPM  
SHEETS C1, C2, C3 & C4

ENGINEER'S SEAL

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION, AND THAT I AM A LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF NEVADA.

LICENSE # 14985

DATE 5/21/2019

| REVISIONS |             | APPROVAL        |
|-----------|-------------|-----------------|
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| REV.      | DESCRIPTION | APPROV. BY DATE |

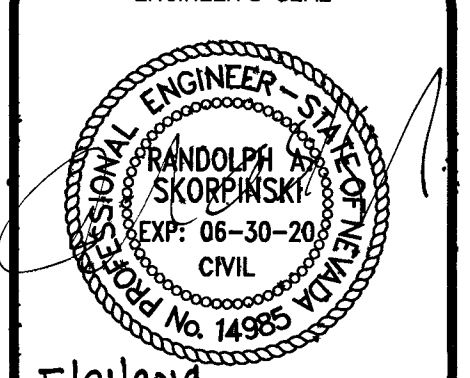
7678 RED COACH AVENUE  
OFF-SITE IMPROVEMENTS

COVER SHEET

APN: 138-04-503-005  
NEC W. RED COACH AVE & QUADREL ST  
CLARK COUNTY, NEVADA 89129

**ACG**  
ACG DESIGN  
4310 CAMERON ST, SUITE 12-A  
LAS VEGAS, NEVADA 89103  
OFFICE: 702.448-8737  
WEBSITE: [WWW.ACG.DESIGN](http://WWW.ACG.DESIGN)

ENGINEER'S SEAL



|               |              |
|---------------|--------------|
| DATE:         | 4/8/2019     |
| PROJ. NO:     | 180171       |
| DRAWN BY:     | ARB          |
| CHECKED BY:   | RAS          |
| SCALE:        | AS NOTED     |
| JURISDICTION: | CLARK COUNTY |

DRAWING NUMBER:

C1

SHEET 1 OF 4

AGENCY NUMBER:  
PW 18-19975  
114-00440

PROJ #136245A QS138-04-NE

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 "G" 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 RIGHT OF WAY AND LARGER SHALL HAVE CONCRETE COLLARS. STREETS LESS THAN EIGHTY (80') FOOT RIGHT OF WAY 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 LVWMD 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.

[illegible]

## REVISÉ 08/01/17

- ## CLARK COUNTY TRAFFIC NOTES

1. INSPECTIONS ARE REQUIRED, CALL 24 HOURS IN ADVANCE (702) 455-4610. THE PERMIT APPROVED PLANS, AND BARRICADE PLANS FOR THIS WORK MUST BE ON THE JOB SITE AT ALL TIMES.
2. EXACT LOCATION OF ALL SAW-CUT LINES SHALL BE DETERMINED IN THE FIELD BY A CLARK COUNTY INSPECTOR.
3. CURB AND GUTTER WITH A GRADE OF LESS THAN 4/10 OF ONE PERCENT SHALL BE CONSTRUCTED BY FORMING. EACH JOINT SHALL BE CHECKED FOR GRADE PRIOR TO CONSTRUCTION AND WATER TESTED AS SOON AS POSSIBLE AFTER CONSTRUCTION.
4. FINAL ASPHALTIC CONCRETE (AC) PAVEMENT SURFACES SHALL BE ONE-HALF (1/2") INCH ABOVE THE LIP OF THE GUTTER (INCLUDING OPEN GRADE).
5. ALL OFF-SITE IMPROVEMENT CONSTRUCTION SHALL CONFORM TO THE "UNIFORM STANDARD SPECIFICATIONS AND STANDARD DRAWINGS CLARK COUNTY AREA NEVADA AND CLARK COUNTY SUPPLEMENT TO UNIFORM STANDARD DRAWINGS AND SPECIFICATIONS", LATEST REVISION EXCEPT FOR LUMINAIRES. LATEST EDITION OF EACH EXCEPT AS NOTED ON THE STREET LIGHTING PLANS AND LED LUMINAIRES. REFER TO CLARK COUNTY PUBLIC WORKS QUALIFIED PRODUCTS LIST "QPL" FOR LED LUMINAIRES. QPL CAN BE FOUND ONLINE AT [HTTP://WWW.CLARKCOUNTYNV.GOV/PUBLIC-WORKS/PAGES/DEFAULT.ASPX](http://WWW.CLARKCOUNTYNV.GOV/PUBLIC-WORKS/PAGES/DEFAULT.ASPX)
6. PRIVATE STREETS, CURB, GUTTER AND VALLEY GUTTERS REFLECTED ON THESE PLANS ARE TO BE INSPECTED BY A CLARK COUNTY INSPECTOR.
7. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED IN EACH QUADRANT OF AN INTERSECTION PER STANDARD DRAWING 235. EXACT LOCATION OF RAMPS SHALL BE DETERMINED IN THE FIELD BY CLARK COUNTY PUBLIC WORKS INSPECTOR.
8. PROPER SIGNS, BARRIERS, BARRICADES AND LIGHTS SHALL BE PLACED AND MAINTAINED IN ACCORDANCE WITH THE LATEST "MANUAL OF URBAN TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", TRAFFIC, SCHOOL, OR STREET SIGNS OF ANY KIND ARE NOT TO BE MOVED FOR ANY REASON WITHOUT FIRST COORDINATING WITH THE DEPARTMENT OF PUBLIC WORKS INSPECTOR AT (702) 455-4610.
9. THIS PLAN DOES NOT AUTHORIZE CLOSURE OF ANY ROAD OR STREET.
10. NO OPEN TRENCH SHALL BE ALLOWED ACROSS ANY STREET OR WITHIN TEN (10) FEET OF ANY TRAVEL-WAY, EXCEPT WHEN WORK IS IN ACTUAL PROGRESS. AREAS COVERED BY ACCEPTABLE STEEL PLATE ARE NOT TO BE CONSIDERED AS A TRENCH. NO OPEN TRENCH IS PERMITTED IN EXCESS OF 500 FEET OR LENGTH NECESSARY TO ACCOMMODATE INSTALLATION IN A SINGLE DAY, WHICHEVER IS GREATER. ALL TRENCH CROSSINGS AND BACKFILL SHALL MEET THE STANDARD SPECIFICATION UNLESS OTHERWISE STATED.
11. A TEMPORARY PATCH IS TO BE IN PLACE AT THE END OF EACH WORK DAY WHERE THE BACKFILL IN THE TRENCH HAS BEEN COMPLETED AND PRIOR TO OPENING THE WORK AREA BACK TO TRAFFIC AND IS TO BE MAINTAINED BY THE PERMITTEE. A PERMANENT PATCH IS TO BE IN PLACE WITHIN THIRTY (30) DAYS AFTER THE INSTALLATION OF THE TEMPORARY PATCH.
12. COMPACTION TESTS ARE REQUIRED.

## GENERAL:

- A. ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE CLARK COUNTY FIRE CODE AS AMENDED, THE UNIFORM DESIGN AND CONSTRUCTION STANDARDS (UDACS) AS ADOPTED BY CLARK COUNTY AND THE CURRENTLY ADOPTED EDITION OF NFPA 24.
- B. FIRE HYDRANTS AND WATER SUPPLIES FOR FIRE PROTECTION SHALL BE INSTALLED, INSPECTED BY FIRE PREVENTION AND IN SERVICE PRIOR TO AND DURING THE TIME OF CONSTRUCTION IN ACCORDANCE WITH SECTION 3312 OF THE IFC, AS AMENDED.
- C. IF DURING CONSTRUCTION IT BECOMES NECESSARY TO CLOSE ANY CONTROL VALVE OR PLACE A HYDRANT OUT OF SERVICE, APPROVAL SHALL BE OBTAINED FROM THE CCBDFP PRIOR TO PLACING THE HYDRANT OUT OF SERVICE.

## FIRE HYDRANTS:

- A. FIRE HYDRANTS SHALL BE INSTALLED IN ACCORDANCE WITH THE MOST CURRENT EDITION OF UDACS AND THIS GUIDELINE. FIRE HYDRANTS SHALL BE MAINTAINED IN ACCORDANCE WITH NFPA 25 AND KEPT IN AN OPERATIVE CONDITION WITH THE REQUIRED WATER SUPPLY.
- B. MANUFACTURER AND MODEL OF FIRE HYDRANTS SHALL CONFORM TO THE APPROVED MATERIALS LIST OF THE LAS VEGAS VALLEY WATER DISTRICT.
- C. HYDRANTS SHALL BE INSTALLED WITH THEIR PUMPER OUTLET NOZZLE (STEAMER CONNECTION) FACING THE FIRE ACCESS ROAD. A 3-FOOT CLEAR SPACE SHALL BE MAINTAINED AROUND THE CIRCUMFERENCE OF FIRE HYDRANTS, WHERE HYDRANTS ARE SUBJECT TO IMPACT BY MOTOR VEHICLES, GUARD POSTS (PIPE BOLLARDS) SHALL BE INSTALLED IN ACCORDANCE WITH IFC SECTION 312.
- D. HYDRANTS SHALL BE PAINTED SAFETY YELLOW FOR PUBLIC AND SAFETY RED FOR PRIVATE.
- E. FIRE HYDRANTS SHALL BE LOCATED 4' TO 7' FROM BACK OF CURB (C102.11).
- F. PAINTING OF CURBS AND/OR ASPHALT AREAS ADJACENT TO HYDRANTS SHALL BE COMPLETED BY THE INSTALLER PRIOR TO BOND/RELEASE INSPECTION. A COAT OF EXTERIOR INDUSTRIAL GRADE SAFETY RED ENAMEL SHALL BE APPLIED FOR A MINIMUM OF 30 FEET, 15 FEET ON EACH SIDE OF THE HYDRANT.
- G. HYDRANT LOCATIONS SHALL BE MARKED BY MEANS OF A BLUE REFLECTIVE PAVEMENT MARKER INSTALLED IN THE CENTER OF THE FIRE ACCESS DRIVE LANE NEAREST TO THE HYDRANT.

## FIRE DEPARTMENT CONNECTIONS:

- A. FIRE DEPARTMENT CONNECTIONS SHALL BE LOCATED WITHIN 100 FEET OF A FIRE HYDRANT AS MEASURED BY AN APPROVED UNOBSTRUCTED ROUTE.
- B. FIRE DEPARTMENT CONNECTIONS SHALL BE LOCATED ON THE STREET SIDE OF BUILDINGS, FULLY VISIBLE AND RECOGNIZABLE FROM THE STREET OR NEAREST POINT OF FIRE DEPARTMENT VEHICLE ACCESS (FIRE LANE) OR AS OTHERWISE APPROVED BY THE FIRE CHIEF.
- C. FIRE DEPARTMENT CONNECTIONS SHALL NOT BE CLOSER THAN 3 FEET TO ANY DOOR OR WINDOW OPENING AND SHALL NOT BE OBSTRUCTED BY TREES, SHRUBS, PARKING SPACES, ETC.

- A. UNDERGROUND PIPING SHALL HAVE A MINIMUM WORKING PRESSURE OF 150 PSI. UNDERGROUND PIPING CONNECTED TO A FIRE PUMP OR A FIRE DEPARTMENT CONNECTION (FDC) SHALL HAVE A MINIMUM WORKING PRESSURE OF 200 PSI (CLASS 200).
- B. FOR PRIVATE FIRE SERVICE MAINS TWO SOURCES OF WATER SUPPLY ARE REQUIRED WHENEVER 4 OR MORE FIRE HYDRANTS AND/OR FIRE SPRINKLER LEAD-INS ARE INSTALLED ON A SINGLE SYSTEM. WATER SYSTEMS UNDER THE PURVIEW OF THE LAS VEGAS VALLEY WATER DISTRICT SHALL CONFORM TO THEIR RULES.
- C. FOR PRIVATE FIRE SERVICE MAINS SECTIONAL CONTROL VALVES SHALL BE INSTALLED SO THAT NO MORE THAN 2 FIRE HYDRANTS AND/OR FIRE SPRINKLER LEAD-INS CAN BE OUT OF SERVICE DUE TO A BREAK IN A WATER MAIN. WATER SYSTEMS UNDER THE PURVIEW OF THE LAS VEGAS VALLEY WATER DISTRICT SHALL CONFORM TO THEIR RULES.
- D. ALL PIPING AND VALVES SUPPLYING FIRE SPRINKLER SYSTEMS SHALL BE PROTECTED FROM FREEZING WHEN EXPOSED TO TEMPERATURES LESS THAN 40°F. FREEZE PROTECTION SHALL BE APPROVED, DURABLE AND PERMANENT.
- E. ALL REQUIRED HYDROSTATIC TESTING AND FLUSHING OF THE PRIVATE FIRE SERVICE MAIN OR UNDERGROUND FIRE SPRINKLER/STANDPIPE WATER SUPPLY PIPING SHALL BE PERFORMED IN THE PRESENCE OF CLARK COUNTY FIRE PREVENTION STAFF. THE PIPING JOINTS SHALL BE UNCOVERED. THE INSTALLING CONTRACTOR SHALL FURNISH A MATERIAL AND TESTING CERTIFICATE (CMAT) COUNTERSIGNED BY THE PROPERTY OWNER OR REPRESENTATIVE. THE CMAT SHALL BE FILLED OUT COMPLETELY WITH THE INSPECTOR'S INITIALS, WITNESSING EACH TEST. A COPY OF THE UNDERGROUND FLUSH AND HYDROSTATIC TESTING DOCUMENTATION SHALL BE ON-SITE AND SIGNED PRIOR TO THE CONNECTION OF THE UNDERGROUND WATER SUPPLY TO THE FIRE SPRINKLER SYSTEM.

A. SHOP DRAWINGS FOR ALL GATES AND MOTORIZED OPENERS OBSTRUCTING FIRE DEPARTMENT ACCESS ROADS SHALL BE SUBMITTED SEPARATELY FOR REVIEW AND RECEIVE APPROVAL PRIOR TO INSTALLATION. A SEPARATE PERMIT IS REQUIRED FOR EACH GATED ENTRANCE.

A. SPEED BUMPS AND/OR SPEED HUMPS SHALL NOT BE PERMITTED WITHIN THE REQUIRED WIDTH OF FIRE APPARATUS ACCESS ROADS.

EXCEPTION: SPEED HUMPS ARE ALLOWED ON PRIVATE FIRE APPARATUS ACCESS ROADS SERVING COMMERCIAL AND INDUSTRIAL BUILDINGS WHEN APPROVED BY THE FIRE CODE OFFICIAL.

B. FOR GROUP R, DIVISION 3 STRUCTURES AND FOR STRUCTURES CONSTRUCTED IN ACCORDANCE WITH THE IRC, ROADS SERVING A MAXIMUM OF 6 RESIDENCES AND HAVING A MAXIMUM LENGTH OF 150 FEET, AS MEASURED FROM THE INTERSECTION TO THE BACK OF CURB AT THE END OF THE SUB STREET, MAY FRONT ONTO A SUB STREET WITH A MINIMUM WIDTH OF 25 FEET FROM BACK-OF-CURB TO BACK-OF-CURB, PROVIDED THAT ALL RESIDENCES ON THE SUB STREET ARE PROVIDED WITH AN APPROVED AUTOMATIC SPRINKLER SYSTEM AND THAT ON-STREET PARKING ON THE SUB STREET IS PROHIBITED.

C. FIRE APPARATUS ACCESS ROADS SHALL BE DESIGNED AND MAINTAINED TO SUPPORT THE IMPOSED LOADS OF FIRE APPARATUS, WITH A MINIMUM VEHICLE LOAD OF 33,000 POUNDS PER AXLE, AND SHALL BE SURFACED AND PAVED SO AS TO PROVIDE ALL-WEATHER DRIVING CAPABILITIES.

EXCEPTION: TEMPORARY ACCESS ROADS SERVING ONLY BUILDINGS UNDER CONSTRUCTION SHALL NOT BE REQUIRED TO BE PAVED.

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 RIGHTS OF WAY OF CLARK COUNTY AS A RESULT OF CONSTRUCTION ACTIVITY AND/OR MATERIALS HANDLING DURING CONSTRUCTION PROJECT. SUCH MATERIALS 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 CLARK COUNTY TITLE 24.40 AND THE LAS VEGAS 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 NVR100000, 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 AREAS OF EROSION, PRECIPITATION, VEHICLE ENTRANCE AND EXIT LOCATIONS, AND ALL BMPs WEEKLY, AND WITHIN 24 HOURS AFTER A RAIN EVENT OF 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 THE OCCURRENCE OF A MAJOR WEATHER EVENT. REFER TO THE NEVADA STORMWATER GENERAL PERMIT FOR CONSTRUCTION ACTIVITY NVR100000, SECTION III.A.12.
5. ACCUMULATED SEDIMENT IN BMPs 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.

1. IN THE EVENT OF NATURAL GAS EMERGENCIES CALL 911 AND 1-877-860-6020.
2. MINIMUM HORIZONTAL AND VERTICAL CLEARANCES BETWEEN NATURAL GAS FACILITIES AND ANY UNDERGROUND UTILITIES AND/OR STRUCTURES, INCLUDING BUT NOT LIMITED TO WATER, SEWER, STORM DRAIN, COMMUNICATIONS AND ELECTRIC SHALL BE AT LEAST 12-INCHES OR GREATER AS DICTATED BY LOCAL CODES AND ORDINANCES.
  - a) ANY DEVIATION FROM SPECIFIED MINIMUM CLEARANCES MUST BE APPROVED BY ALL AFFECTED UTILITIES AND/OR MUNICIPALITIES.
3. FOR VALVE ADJUSTMENT CONTACT 702-668-6107 48 HOURS PRIOR TO CONSTRUCTION.
4. IN THE EVENT OF A NATURAL GAS CONFLICT WITH PROPOSED UTILITIES AND STRUCTURES, CONTACT 702-365-2099.

CALL SOUTHWEST GAS AT 702-400-1789 FOR STANDBY WHEN EXCAVATING  
OVER OR NEAR HIGH PRESSURE GAS LINES 48 HOURS PRIOR TO CONSTRUCTION.

NONE

## WATER NOTES:

ALL CONSTRUCTION AND MATERIAL SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF "UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR WATER DISTRIBUTION SYSTEMS" (UDACS) EXCEPT FOR PROJECTS SERVICED BY THE BOSTON WATER DEPARTMENT DISTRICT

ALL WATER FACILITIES SHALL BE FILLED, DISINFECTED, PRESSURE TESTED, FLUSHED, FILLED, AND AN ACCEPTABLE WATER SAMPLE OBTAINED, PRIOR TO CONNECTION TO THE LVVMD DISTRIBUTION SYSTEM.

ALL CONSTRUCTION AND MATERIAL SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF "DESIGN AND CONSTRUCTION STANDARDS FOR WASTE COLLECTION SYSTEMS FOR SOUTHERN NEVADA".

RY: Sam Con DATE: 6-5-19

APPROVAL OF THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR, OR AN APPROVAL  
OF, ANY VIOLATION OF ANY OF THE PROVISIONS OF THE STATE OR COUNTY LAWS.  
ADJUSTED FIRE FLOW 1,500 GPM AT 20 P.S.I. RESIDUAL. *FP19-02416*

  
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES

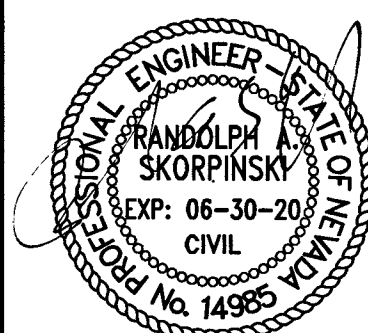
PROJECT NO. 136245 FIRST APPROVED DATE: 6-10-19

| REVISIONS |             | APPROVAL        |
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| REV.      | DESCRIPTION | APPROV. BY DATE |

APN: 138-04-503-005  
1100 W. RED COACH AVE & QUADREL ST  
CLARK COUNTY, NEVADA 89129

**ACG DESIGN**  
3130 CAMERON ST., SUITE 12-A  
LAS VEGAS, NEVADA 89103  
OFFICE: 702.448-8737  
WEBSITE: [WWW.ACG.DESIGN](http://WWW.ACG.DESIGN)

ENGINEER'S SEAL



5/21/2019

DATE: 4/8/2015

|           |        |
|-----------|--------|
| PROJ. NO: | 180171 |
|-----------|--------|

DRAWN BY: ARB

CHECKED BY: RAS

SCALE: AS NOTED

JURISDICTION: CLARK CO

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DRAWING NUMBER:

C2

| QUEST | 3 | 35 | 4 |
|-------|---|----|---|
|-------|---|----|---|

SHEET 2 OF 4

AGENCY NUMBER:

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PROJ #136245A QS138-04-NE



