

WATER MAIN JOINT DEFLECTION (PVC, 4"-24")

PVC PIPE SHALL BE DEFLECTED AT THE JOINT ONLY. THE MAXIMUM ALLOWABLE DEFLECTION SHALL BE ONE (1) DEGREE PER JOINT WITH A MINIMUM RADIUS OF CURVATURE OF 1,150 FEET, PER UDACS 2.06.2. FOR CHANGES IN DIRECTION EXCEEDING THE MAXIMUM ALLOWABLE JOINT DEFLECTION, FITTINGS SHALL BE USED.

NOTE

ALL ABOVE GROUND UTILITY APPURTENANCES SHALL CONFORM TO TITLE 19.12.040.

NOTE

INSTALL PIPELINE MARKER BALLS IN TRENCH ABOVE EACH HORIZONTAL ELBOW FITTINGS, PER UDACS PLATE No. 27

BENCHMARK

FOUND CITY OF LAS VEGAS BM RIVET AND PLATE IN CONCRETE CYLINDER AT THE SW CORNER OF BRADLEY AND ROME.

BASIS OF BEARING

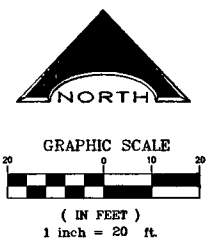
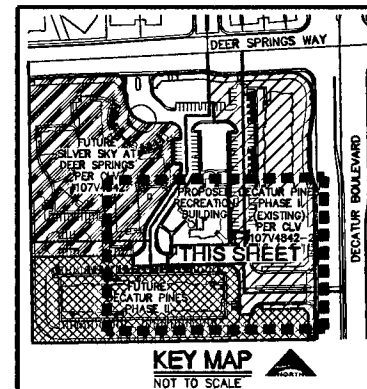
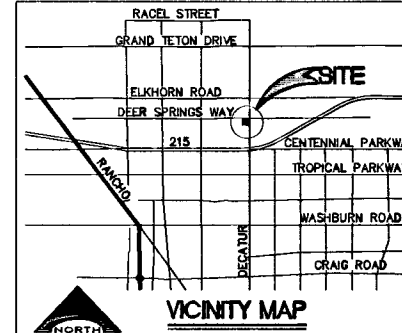
NORTH 86°55'18" EAST, BEING THE BEARING OF THE CENTERLINE OF ROME BOULEVARD AS SHOWN ON A MAP ON FILE IN THE CLARK COUNTY, NEVADA RECORDER'S OFFICE AS FILE 108, PAGE 81 OF SURVEYS.

OWNER/DEVELOPER

NEVADA H.A.N.D.
295 WARM SPRINGS ROAD SUITE 101
LAS VEGAS, NEVADA 89119-4212
TEL: (430-9025) CONTACT: ROBERT FEIBELMAN

SOILS REPORT

GEOTEK, INC. - NEVADA
DATED DECEMBER 6, 2006
GEOTEK PROJECT #7624-LV6



WATER CONSTRUCTION NOTES

- 1. INSTALL 3" PVC DOMESTIC WATER
- 2. INSTALL 3"x2" REDUCER (AFTER RPPA)
- 3. INSTALL 3" 90° BEND
- 4. INSTALL DUAL 2" RPPA PER UDACS 11B
- 5. INSTALL 2" BRASS WATERLINE
- 6. INSTALL 2" METER PER UDACS PLATE 1D
- 7. INSTALL 2" SERVICE SADDLE PER UDACS 1D
- 8. INSTALL 2" TYPE "K" COPPER WATERLINE
- 9. INSTALL 8" 45° BEND
- 10. INSTALL FIRE HYDRANT ASSEMBLY (INCL. TEE, VALVE, LATERAL, RISER, THRUST BLOCKS, AND ALL ASSORTED HARDWARE) PER UDACS PLATE 7
- 11. INSTALL BLUE REFLECTIVE RAISED PAVEMENT MARKERS AT FIRE HYDRANTS
- 12. INSTALL 8" 22-1/2" BEND PER UDACS PLT. 5
- 13. INSTALL 8" PVC FIRE
- 14. INSTALL FIRE DEPARTMENT CONNECTION
- 15. INSTALL 8"x8" TEE PER UDACS PLATE 5
- 16. INSTALL 8"x8" REDUCER PER UDACS PLATE 3
- 17. INSTALL 8" 90° BEND PER UDACS PLATE 5
- 18. INSTALL 8" PVC FIRE

LEGEND AND ABBREVIATIONS

- | | |
|--------------------------------|---------------------|
| APN = ASSESSOR'S PARCEL NUMBER | ROW = RIGHT OF WAY |
| CLV = CITY OF LAS VEGAS | SD = DROP INLET |
| SD = STORM DRAIN | SS = SANITARY SEWER |
| DW = DOMESTIC WATER | STA = STATION |
| EX = EXISTING | STLT = STREET LIGHT |
| TH = FIRE HYDRANT | SW = SIDEWALK |
| FF = FINISH FLOOR | SW = SEWER |
| INV = INVERT OF PIPE | TCD = TOP CLEAN OUT |
| PP = POWER POLE | TYP = TYPICAL |
| PVC = POLY VINYL CHLORIDE | WL = WATER LINE |
-
- | | |
|------------------------------------|---------------------------------|
| CONSTRUCTION NOTE | RIGHT-OF-WAY LINE/PROPERTY LINE |
| STREET CENTERLINE | SAWCUT LINE |
| LIMITS OF EXISTING/PROPOSED/FUTURE | EXIST. STREETLIGHT |
| EXIST. FIRE HYDRANT | EXIST. WATER VALVE |
| EXIST. SANITARY SEWER MANHOLE | EXIST. STORM DRAIN MANHOLE |
| FIRE RISER PUMP | FIRE DEPARTMENT CONNECTION |

DUAL REDUCED PRESSURE PRINCIPLE ASSEMBLY (1) 2"

APPROVED DUAL REDUCER PRESSURE PRINCIPLE ASSEMBLY(S) SHALL BE INSTALLED PER THE UDACS PLATE No. 11B. NO WATER SHALL BE TAKEN FROM A SERVICE REQUIRING BACKFLOW PREVENTION UNTIL THE REDUCED PRESSURE PRINCIPLE ASSEMBLY HAS BEEN SUCCESSFULLY TESTED BY THE LVWD. ANY BLOCK WALL OR OTHER FENCE MATERIAL SHALL BE DESIGNED AND CONSTRUCTED AROUND THE OUTSIDE OF THE EASEMENT(S) TO ALLOW THE DISTRICT DIRECT ACCESS FROM THE ADJACENT RIGHT-OF-WAY. EASEMENT SHALL BE CLEARLY MARKED OR STAKED PRIOR TO THE START OF CONSTRUCTION.

APN 125-24-701-041
CITY OF LAS VEGAS
DEVELOPMENT, VACANT
ZONE: R-E

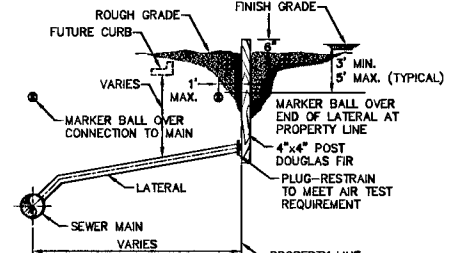
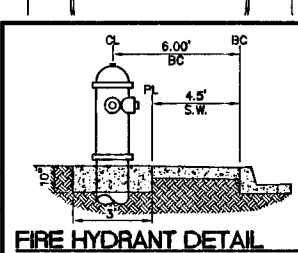
APPROVED SILVER SKY AT DEER SPRINGS PER CLV #107V4842

PROPOSED RECREATION BUILDING
FF=02.92
FAD=01.70

EXISTING THREE STORY BUILDING 75 UNITS
FF=03.72
FAD=02.52

EXISTING DECATUR PINES - PHASE 1 PER CLV #107V4842-2

FUTURE THREE STORY BUILDING - 75 UNITS
FF=[104.50]
FAD=[103.30]



REV NO. REVISION DESCRIPTION

APPROVED PRIVATE APPRO

NEVADA HAND
295 EAST WARM SPRINGS ROAD SUITE 101
LAS VEGAS, NEVADA 89119-4212
TEL: (702) 739-3346 CONTACT: ROBERT FEIBELMAN

L.R. NELSON CONSULTING ENGINEERS, INC.
STRUCTURAL
6785 West Russell Road Suite 200
Las Vegas, Nevada
(702) 491-2296 FAX
(702) 491-2296

UTILITY PLAN 2

TITLE
DECATUR PINES - REC. BLDG.
DEER SPRINGS WAY AND DECATUR BLVD
CITY OF LAS VEGAS

SHEET
August '09
August '09
August '09
PROJECT NO.:
SCALE: 1"=20'
N/A

DESIGNED BY:
CHECKED BY:
DATE: 8/13/09
DATE: 7/17/09

CITY FIRE MARSHAL
LAS VEGAS VALLEY WATER DISTRICT
PROJECT #116088

DISCLAIMER NOTE
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 AND 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.

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

Avoid overhead power line contact
Call before you OVERHEAD
1-702-227-2929
NEVADA POWER ENVIRONMENT AND SAFETY SERVICES DEPARTMENT

Avoid hitting underground water, sewer, gas, and street light system conduits. It's costly.

Call before you DO UNDERGROUND
before you Underground
1-702-455-7511
CLARK COUNTY TRAFFIC OPERATIONS
1-702-452-5300
LAS VEGAS AREA COMPUTERIZED TRAFFIC SYSTEM

SEAL
JAMES H. YANBY
P.E. #14108
CIVIL
No. 10108

SHEET
UT3
11 OF 14 SHEETS
CLV DRAWING NO.
107V4942-REC