

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 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.

Avoid cutting underground utility lines. If's costly.
before you Dig
1-800-227-2600
UNDERGROUND SERVICE (USA)

Avoid overhead power line contact.
before you Overhead
1-702-593-6111
WHILE POWER COMPANY AND SAFETY SERVICES REPRESENTATIVE

LEGAL DESCRIPTION

A PORTION OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 5, TOWNSHIP 20 SOUTH, RANGE 60 EAST, M.D.M., CLARK COUNTY, NEVADA.
BENCHMARK
CLARK COUNTY BENCHMARK NO. 33, STATION 1000 SSWWS, RIVET AND SQUARE PLATE IN A CONCRETE MONUMENT, 30 FT. SOUTH AND 50 FT. EAST OF FORT APACHE RD. AND HICKAM AVE.
ELEVATION = 762.860 METERS OR 2503.82 FEET (NAVD 1988)

BASIS OF BEARINGS

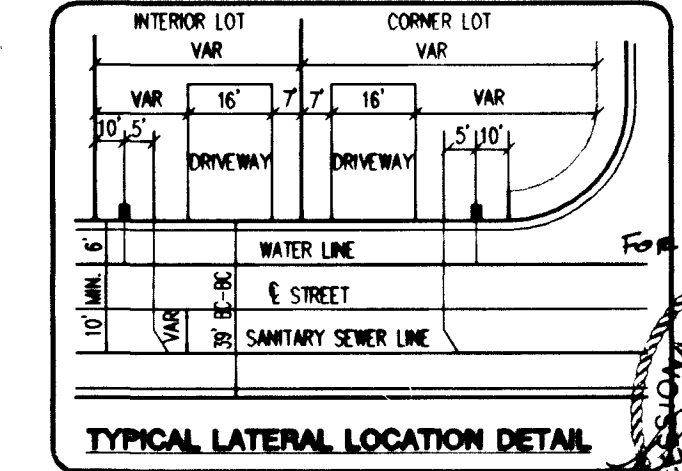
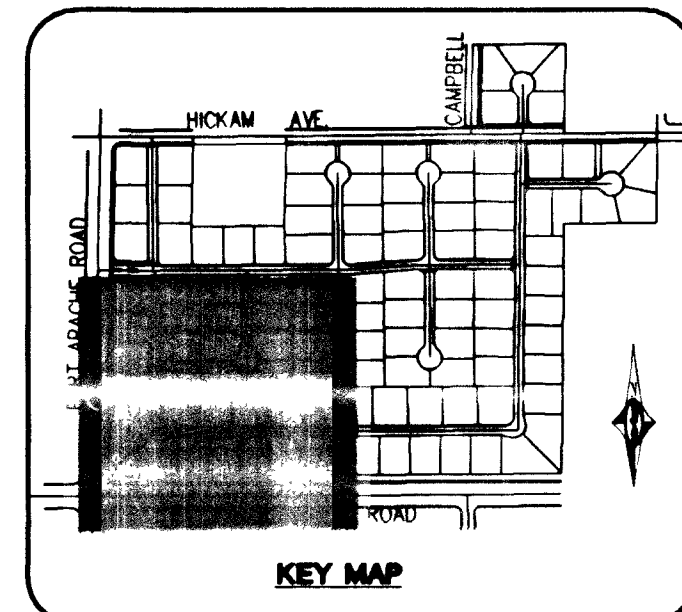
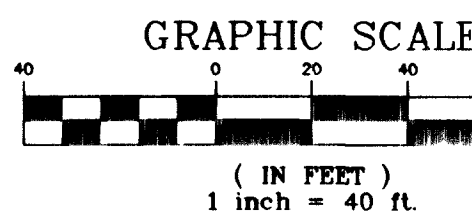
NORTH 89°41'26" EAST - BEING THE SOUTH LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 5, TOWNSHIP 20 SOUTH, RANGE 60 EAST, M.D.M., CLARK COUNTY, NEVADA, ALSO BEING THE CENTERLINE OF ALEXANDER ROAD AS SHOWN BUT THAT CERTAIN MAP ON FILE IN THE OFFICE OF THE COUNTY RECORDER, CLARK COUNTY, NEVADA, IN FILE 87 OF SURVEYS, PAGE 84.
SEWERAGE CONTRIBUTION RATE
AVERAGE DAILY FLOW (100+250 GPD) = 0.0270 MGD
PEAK FLOW (PE+35) = 0.0945 MGD

"ASBUILTS"

INSTALL MARKER BULLS
OVER 45° BENDS

BUILDING INFORMATION

TYPE OF CONSTRUCTION: TYPE V-NR
TOTAL SQUARE FOOTAGE: 3,600 SQ. FT.
NUMBER OF STORIES: 2 STORY
BUILDING USE: RESIDENTIAL
SPRINKLERED: NON-SPRINKLERED
FIRE PLAN: 1500 SQM (4.20 AC)



WATER CONSTRUCTION NOTES

1. FIRE HYDRANT ASSEMBLY PER UDACS PLATE 7 (INCLUDES TEE AND GATE VALVE)
2. INSTALL 8" CAP & 2" BLOW OFF ASSEMBLY PER UDACS PLATE 4
3. 8" x 8" TEE PER UDACS PLATE 5
4. 8" GATE VALVE
5. 8" x 6" REDUCER
6. 8" x 45' BEND PER UDACS PLATE 5
7. 22-1/2" BEND PER UDACS PLATE 5
8. 8" - 11-1/4" BEND PER UDACS PLATE 5
9. 1" WATER SERVICE WITH 3/4" METER PER UDACS PLATE NO. 10
10. IRRIGATION & POWER CONDUIT 2-4" & 1-6" SCH. 40 PVC CONDUIT
11. 1" WATER SERVICE WITH 1" METER & 1" WPPA PER UDACS PLATES 10 AND 11A
12. 1" WATER SERVICE WITH 1" METER PER UDACS PLATE 10.

SIGNAGE NOTES

1. INSTALL 2-12" D3 STREET NAME SIGNS & 1-36" R1-1 STOP SIGN
2. INSTALL 2-9" D3 STREET NAME SIGNS & 1-30" R1-1 STOP SIGN
3. INSTALL 2-9" D3 STREET NAME SIGNS
4. INSTALL 1-RB-3A "NO PARKING" SIGN
5. INSTALL 1-24"x30" R2-1 "35 MPH" SIGN
6. INSTALL 1-30"x30" R3-7R "RIGHT LANE MUST TURN RIGHT" SIGN

STREET LIGHTING NOTES

1. INSTALL TYPE 1 CENTERLINE PER CC STD DWG 244
2. INSTALL TYPE 2 CENTERLINE PER CC STD DWG 244
3. INSTALL ADDED TURN LANE PER CC STD DWG 246
4. INSTALL TYPE 5 LANE LINE PER CC STD DWG 244A
5. INSTALL FORCED TURN LANE PER CC STD DWG 246A

STREET LIGHTING NOTES

1. INSTALL 2" INTERCONNECT CONDUIT 1" MIN. CONDUITS TO HAVE 45° BENDS INTO NO. 7 PULLBOXES. PULLBOXES TO HAVE 500 MAX. SPACING
2. INSTALL 2" STREETLIGHT CONDUIT
3. INSTALL 200 AMP SERVICE
4. INSTALL NO. 3-1/2" PULL BOX FOR FUTURE 125 AMP SERVICE
5. INSTALL NO. 3-1/2" PULL BOX
6. STUD AND CAP (2) 3" CONDUITS FOR TRAFFIC AND (1) 3" CONDUIT OF INTERCONNECT
7. STUD AND CAP 1-1/4" STREETLIGHT CONDUIT 5' BEYOND IMPROVEMENTS
8. STUD AND CAP 1-1/4" STREETLIGHT CONDUIT 5' BEYOND IMPROVEMENTS

BACKWATER VALVES (BWV)

THE FOLLOWING LOTS REQUIRE SEWER BACKWATER VALVES: 1, 8, 9, 12, 14, 15, 16, 17, 19, 20, 22, 23, 60, 67, 73, 74, 75, 76, 81, 82, 83, 84, 89, 90, 91, 92, 98, 99, 100, 101, 103, 104, 106, 11, 110, 117, 119.

SEWER CONNECTION NOTE

ONE OR MORE SEGMENTS OF THE DOWNSIDE SEWER SYSTEM THAT WILL SERVE THIS PROJECT HAS NOT BEEN COMPLETED AND/OR ACCEPTED FOR MAINTENANCE BY THE CITY OF LAS VEGAS. ANY WORK DONE ON THIS PROJECT PRIOR TO THE COMPLETION AND/OR ACCEPTANCE OF THE DOWNSIDE SEWER SYSTEMS SHALL BE DONE AT THE DEVELOPER'S OWN RISK. THE CITY OF LAS VEGAS RESERVES THE RIGHT TO PREVENT THE PHYSICAL CONNECTION OF THIS PROJECT INTO THE DOWNSIDE SEWER SYSTEM UNTIL ALL SEGMENTS HAVE BEEN COMPLETED AND ACCEPTED FOR MAINTENANCE, OR UNTIL SUCH TIME AS THEY ARE DEEMED AVAILABLE FOR SERVICE.

REDUCED PRESSURE PRINCIPLE ASSEMBLY (RPPA)

APPROVED REDUCED PRESSURE PRINCIPLE ASSEMBLY(S) SHALL BE INSTALLED PER THE UDACS PLATE NO. 11A. 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 EASEMENTS TO ALLOW THE DISTRICT DIRECT ACCESS FROM THE ADJACENT RIGHT-OF-WAY.

200 AMP 240V PAD MOUNT SERVICE POINT WITH

- 2. 2 POLE 60 AMP CIRCUIT BREAKER/S
- 1. 1 POLE 15 AMP CIRCUIT BREAKER/S
- 1. 1 POLE 40 AMP CIRCUIT BREAKER/S
- 1. 1 POLE 60 AMP CIRCUIT BREAKER/S
- 2. 2 POLE 60 AMP CIRCUIT BREAKER/S
- 1. BY-PASS SWITCH PER CONTACTOR SERVICE POINT LOCATION

ON THE NORTHEAST CORNER OF THE INT. OF ALEXANDER/TT. APACHE

PRIVATE STREET NOTE

PRIVATE STREETS ARE PAVED, CIVIL PUBLIC SEWER EASEMENTS, AND PUBLIC DRAINAGE EASEMENT TO BE PRIVATELY MAINTAINED.

APPROVALS

CLV (FOR DEPARTMENT) 1.30.02
DATE
2.20.02
DATE
LAS VEGAS VALLEY WATER DISTRICT

KBHOME

UTILITY, STREETLIGHTING, STRIPING, AND SIGNAGE PLAN

ASBUILTS

WILLIAM S. WONDERS
CIVIL ENGINEER
NO. 13397

SHEET 23
23 OF 29 SHEETS
CLV DRAWING NO. 307Y-4687

307Y-4687