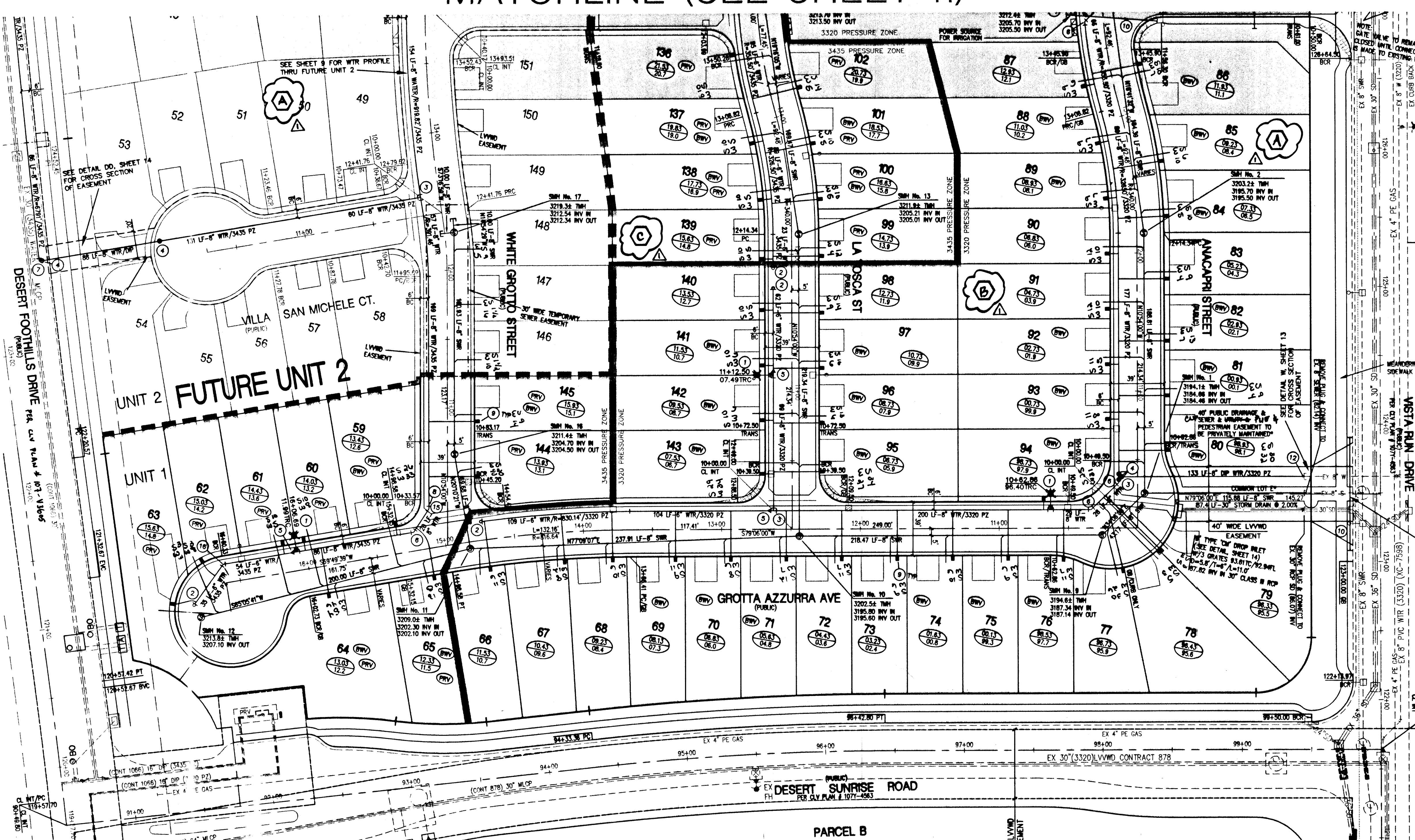


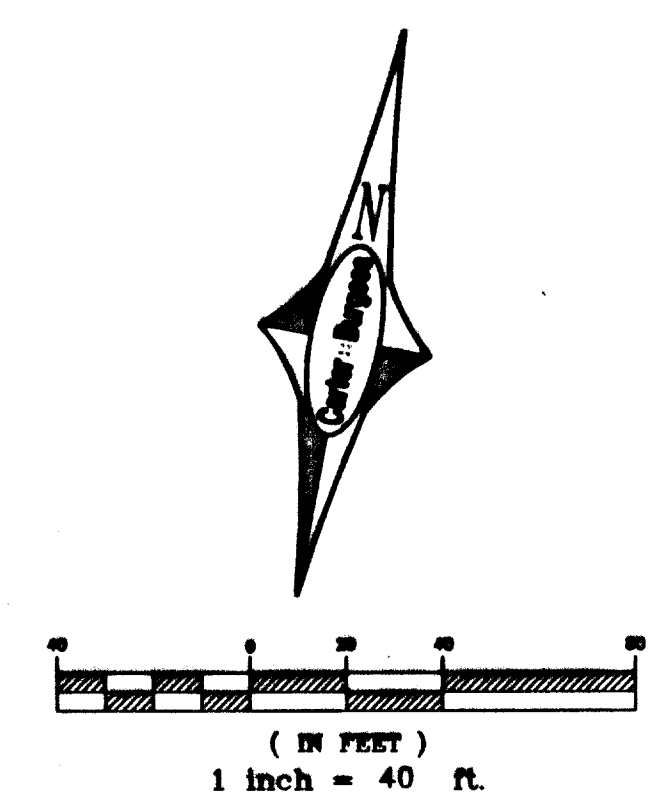


LEGAL DESCRIPTION
THE VISTAS AT SUMMERLIN VILLAGE 20 UNIT 1, BEING A SUBDIVISION OF A PORTION OF PARCEL 1 AS SHOWN BY MAP THEREOF ON FILE IN FILE #1, PAGE 20 OF PARCEL MAPS IN THE CLARK COUNTY RECORDS OFFICE.

BASIS OF BEARING
NORTH BY 54° 30' EAST BEING THE SOUTH LINE OF THE SOUTHEAST QUARTER OF SECTION 35, T.20 S. R. 59 E. W. 1/4, AS SHOWN BY MAP THEREOF ON FILE IN FILE #1, PAGE 20 OF PARCEL MAPS IN THE CLARK COUNTY RECORDS OFFICE.

BENCHMARK
CITY OF LAS VEGAS BENCHMARK OLIVIERI 300000 INVERT & PLATE IN TOP OF CURB RETURN @ NW CORNER OF PAVILION CENTER & ALTA, 3024.20' NAVD 1988 DATUM

NOTE:
ELEVATIONS SHOWN ON PLANS ARE 0.30' LESS THAN ELEVATION OF CITY OF LAS VEGAS BENCHMARK SHOWN ABOVE.



NOTE
SEE SHEET 8 FOR MANHOLE SCHEDULE

HEALTH DISTRICT NOTE
INSTALL SEWER/WATER LATERALS PER UDACS 2.19.03

SEWER CONTRIBUTION
75 LOTS
AVERAGE DAILY FLOW (75 x 250) / 24 = 0.01875 MGD
PEAK DAILY FLOW PF = 3.5 x 0.01875 = 0.0656 MGD

BACKWATER VALVES (BWV)
THE FOLLOWING LOTS REQUIRE SEWER BACKWATER VALVES:
LOTS: 1-2, 5, 59, 65, 69-71, 74-76, 80-82, 84-86, 89-99, 92-98, 100-101, 103-104, 112-113, 131, 134-135, 137-138, 141-145.

- WATER CONSTRUCTION NOTES**
1. FIRE HYDRANT ASSEMBLY PER UDACS PLATE 7 (INCLUDES TEE AND GATE VALVE)
 2. INSTALL 6" 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" 45° ELBOW PER UDACS PLATE 5
 7. 8" - 90° ELBOW PER UDACS PLATE 5
 8. 8" - 11-1/4" ELBOW PER UDACS PLATE 5
 9. 1" WATER SERVICE WITH 3/4" METER PER UDACS PLATE NO. 18.
 10. IRRIGATION AND POWER CONDUIT, 2-4" & 1-6" SCH. 40 PVC CONDUIT
 11. 1" WATER SERVICE WITH 1" METER AND 1" RPPA PER UDACS PLATES 10 & 11A.
 12. REMOVE CAP & BLOWOFF; CONNECT TO EXISTING 8" DUCTILE IRON (DI) STUB
 13. INSTALL 8" CAP & 2" BLOW OFF ASSEMBLY PER UDACS PLATE 4
 14. REMOVE CAP & BLOWOFF; CONNECT TO EXISTING 8" PVC STUB
 15. 8" - 22-1/2" ELBOW PER UDACS PLATE 5
 16. 6" 45° ELBOW PER UDACS PLATE 5
 17. INSTALL 8" MECHANICAL JOINT TAPPING TEE W/ 8" TAPPING VALVE

THE DISTRICT WILL NOT GUARANTEE A WATER-TIGHT SHUTDOWN WHERE CONNECTIONS OR REPAIRS TO EXISTING FACILITIES ARE REQUIRED. THE CONTRACTOR SHALL ENSURE ALL LABOR AND EQUIPMENT IS AVAILABLE AT ALL TIMES TO REMOVE FUGITIVE WATER WHICH IMPEDES THE CONTRACTOR'S PERFORMANCE. CONTRACTOR TO INSTALL TEMPORARY SERVICE TO ENSURE PROPER SHUTDOWN IN THE EVENT NO OTHER APPURTENANCES ARE AVAILABLE.

PRV NOTE (PRV) LOTS: 59-65, 99-113, 136-139, 144 & 145
THIS PROPERTY MAY HAVE STATIC WATER PRESSURE IN EXCESS OF 80 PSI. THE UNIFORM PLUMBING CODE REQUIRES THAT INDIVIDUAL, ON-SITE (PRIVATE), PRESSURE REDUCING VALVES BE INSTALLED WHENEVER THE PRESSURE EXCEEDS 80 PSI. PRVS ARE THE DEVELOPER'S RESPONSIBILITY AND WILL NOT BE INSPECTED OR INCLUDED IN THE ACCEPTANCE OF LVWD FACILITIES.

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 EASEMENT(S) TO ALLOW THE DISTRICT DIRECT ACCESS FROM THE ADJACENT RIGHT-OF-WAY.

WATER NOTE:
INSTALL PIPELINE MARKER BALLS IN TRENCH ABOVE EACH HORIZONTAL ELBOW FITTING, PER MANUFACTURER INSTRUCTIONS.

SERVICE LATERALS FOR LOTS 1, 134, 135 & 1" IRRIGATION METER (MINI-PARK) ON ANACAPI STREET WILL BE TAPPED ON EXISTING MAIN BY OWNER'S CONTRACTOR UNDER DIRECTION OF THE LVWD.

FIRE FLOW CALCULATIONS
FIRE FLOW REQUIREMENT IS 1500 GALLONS PER MINUTE AT 20 PSI RESIDUAL PRESSURE.

BASED ON:

SQUARE FOOTAGE:	<3,800 SQUARE FEET
LARGEST AREA BETWEEN 4-HOUR	
AREA SEPARATION WALLS:	N/A. SQUARE FEET
BUILDING HEIGHT	20 FEET
NUMBER OF STORIES	2 FLOORS
TYPE OF CONSTRUCTION	TYPE V-NR
OCCUPANCY	RESIDENTIAL
FULL AUTOMATIC FIRE SPRINKLER SYSTEM	☐ YES ☒ NO

REVIEWED BY: *[Signature]* DATE: 10-10-02
LAS VEGAS FIRE DEPT

APPROVALS
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. 15000 GPM @ 20 PSI.

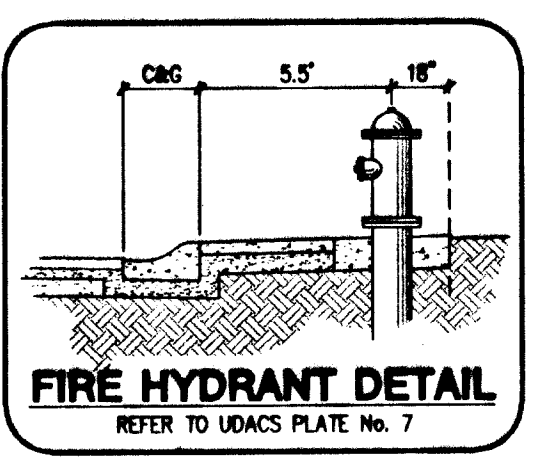
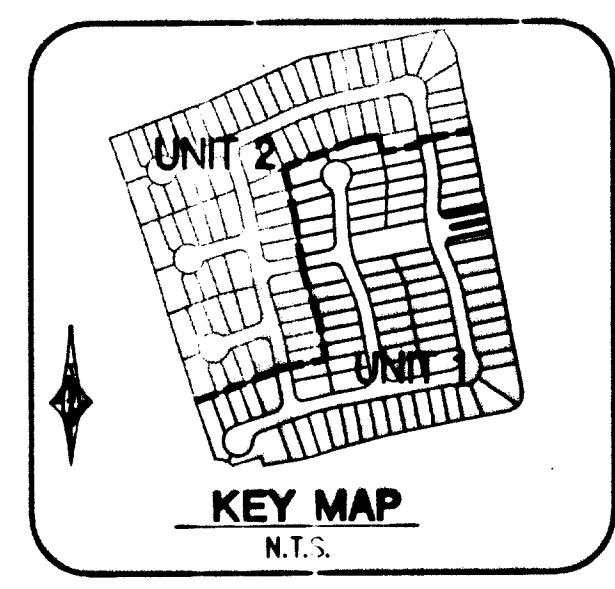
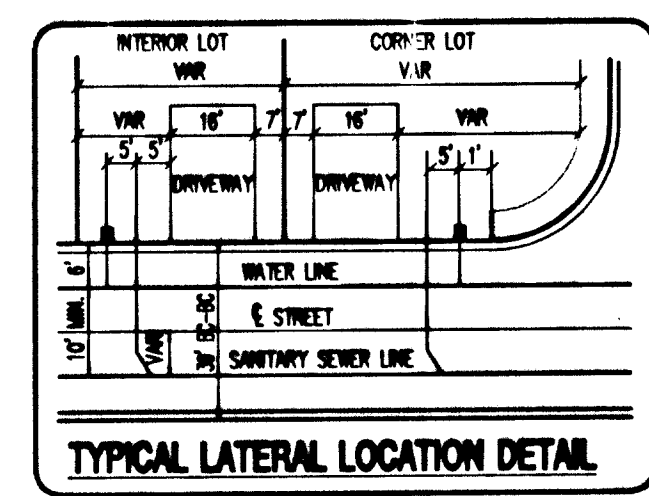
[Signature] 10-10-02 DATE
CLV FIRE DEPARTMENT

[Signature] 10/15/02 DATE
LAS VEGAS VALLEY WATER DISTRICT

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.

Call before you Dig
1-800-227-2600
UNDERGROUND SERVICE (USA)

Call before you Overhead
1-702-593-6111
POWER LINE ENVIRONMENTAL AND SAFETY SERVICES DEPARTMENT



KBHOME

UTILITY PLAN SHEET 1 OF 2

CarterBurgess
Consulting Planning, Engineering, Construction Management, and Related Services
750 Pilot Road, Suite F
Las Vegas, Nevada 89119
(702) 614-2500

CAPRI - UNIT 1 • THE VISTAS
PARCEL Y • SUMMERLIN V-20

DRAWN BY: *[Signature]*
DESIGNED BY: *[Signature]*
CHECKED BY: *[Signature]*
PROJECT NO: 240540
SCALE: 1" = 40' N/A
SHEET 10 OF 14 SHEETS
CLV DRAWING NO. 3074-4729-1

REVISION

REV	DATE	APP'D BY	REVISION
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- SEWER AS-BUILT -