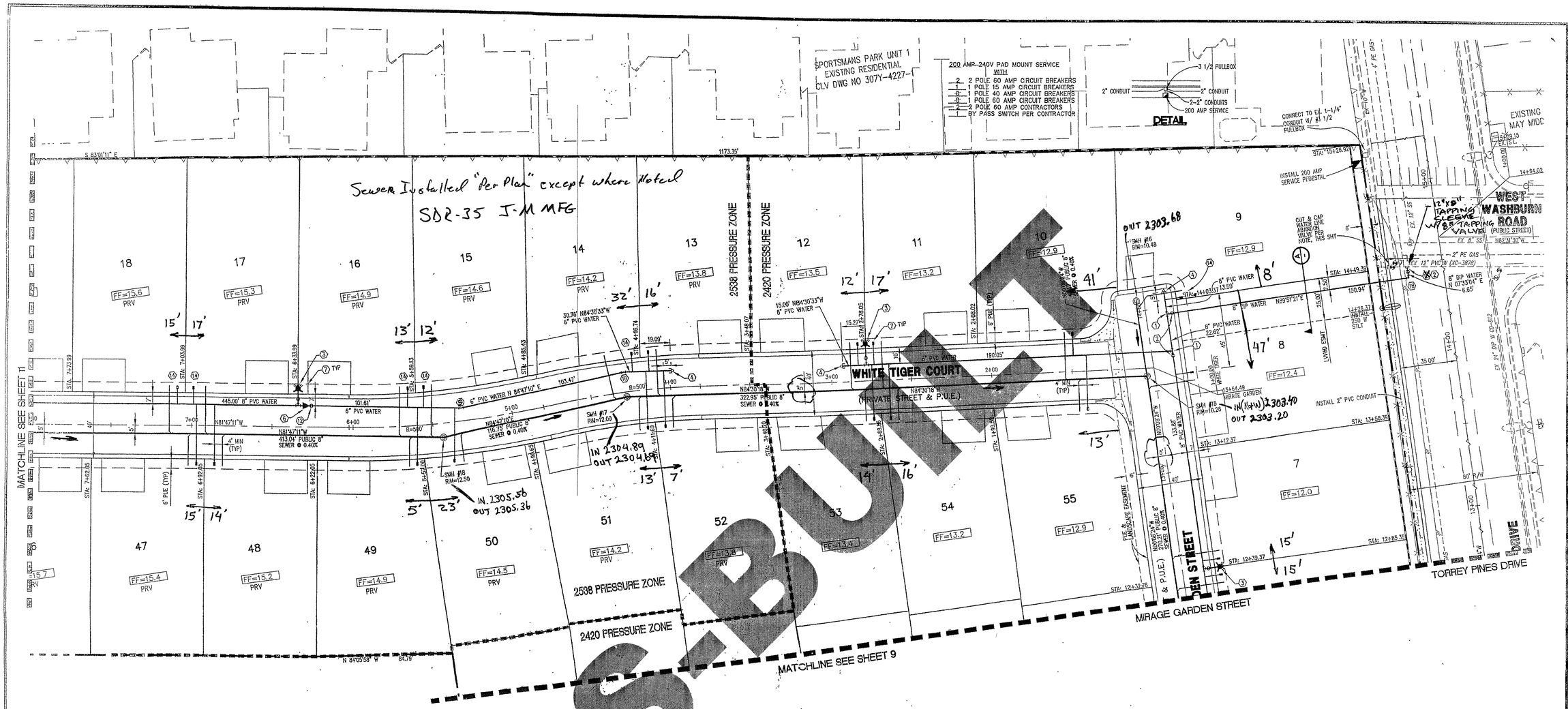


UTILITY LEGEND

BOUNDARY		PRESSURE REDUCING VALVE	PRV
CENTER LINE & STATION	10+00	FIRE HYDRANT	
RIGHT-OF-WAY		2" BLOW-OFF	
LOT LINE		GATE VALVE	
WATER MAIN	8" W	WATER METER	
WATER LATERAL		PIPE FITTINGS	
EXISTING WATER MAIN	EX. 8" W	SEWER MANHOLE	
EXISTING GAS MAIN	EX. GAS	STORM DRAIN MANHOLE	
SEWER MAIN	8" SS	100W STREET LIGHT	
SEWER LATERAL		150W STREET LIGHT	
EXISTING SEWER MAIN	EX. 8" SS	200W STREET LIGHT	
STORM DRAIN MAIN	36" RCP	400W STREET LIGHT	
STORM DRAIN LATERAL	18" RCP	PROP. SL CONDUIT	
EXISTING STORM DRAIN	EX. 36" SD	EXISTING STREETLIGHT	
BACK OF CURB		EX. SL CONDUIT	
FACE OF CURB		STREETLIGHT SERVICE POINT	
LIP OF GUTTER		SIDEWALK	
EDGE OF PAVEMENT		EXISTING CURB	
		EDGE OF EXISTING PVMT	

WATER FITTING LEGEND

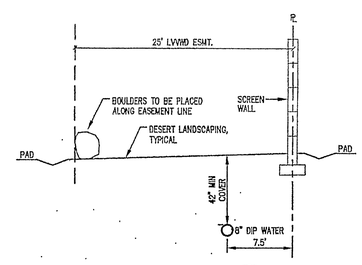
1. 8" X 8" TEE
2. 8" GATE VALVE
3. 6" FIRE HYDRANT ASSY. PER UDACS STD. PLATE 7 (INCLUDE GATE VALVE, TEE & LATERAL)
4. 2" BLOW-OFF ASSY. W/CAP PER UDACS STD. PLATE 4A
5. 6" - 11¼° BEND
6. 8" x 6" REDUCER
7. 3/4" METER-PER UDACS STD PLATE NO. 1D.
8. 1" METER-PER UDACS STD. PLATE No. 1D (IRR.) W/ 1" RPPA PER UDACS PLATE # 11A
9. INSTALL (2) 4" SCH. 40 IRRIGATION SLEEVES
10. 24" x 8" TAPPING SLEEVE W/ 8" TAPPING VALVE
11. 8" x 8" TAPPING SLEEVE W/ 8" TAPPING VALVE
12. 6" GATE VALVE
13. 10" x 8" MJ TAPPING SLEEVE W/ 8" TAPPING VALVE
14. 1" METER PER UDACS STD PLATE NO. 1D
15. 8" - 5° BEND RESTRAINED
16. 8" - 11¼° BEND
17. 8" - 45° BEND
18. 8" - 90° BEND

NOTE:
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. PRV'S ARE THE DEVELOPER'S RESPONSIBILITY, AND WILL NOT BE INSPECTED OR INCLUDED IN THE ACCEPTANCE OF LVWD FACILITIES.

NORTH
GRAPHIC SCALE
30 0 15 30 60
(IN FEET)
1 inch = 30 ft.

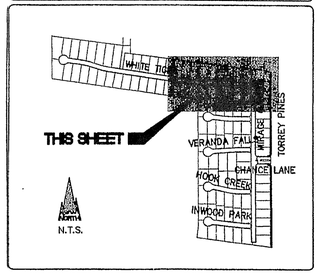
PRIVATE STREET NOTE

ALL PRIVATE STREETS ARE P.U.E.'S, CLV PUBLIC SEWER EASEMENTS AND PUBLIC DRAINAGE EASEMENTS TO BE PRIVATELY MAINTAINED.

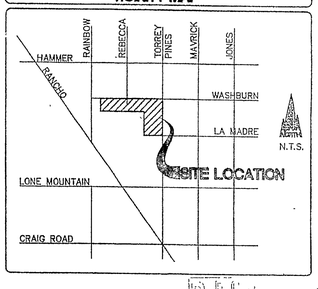


SECTION A
N.T.S.

KEY MAP



VICINITY MAP



REC'D JUN 29 2006
TEJAS UNDERGROUND

AVOID HITTING UNDERGROUND TRAFFIC SIGNAL AND STREET LIGHT SYSTEM CONDUITS IT'S COSTLY
Call before you UnderGround
1-702-455-7511
CLARK COUNTY TRAFFIC OPERATIONS
AND
1-702-229-6611
LAS VEGAS AREA COMPUTERIZED TRAFFIC SYSTEM

AVOID CUTTING UNDERGROUND UTILITY LINES. IT'S COSTLY.
Call before you Dig—
1-800-227-2600
UNDERGROUND SERVICE ALERT (USA)

AVOID OVERHEAD POWER LINE CONTACT
Call before you OVERHEAD
1-702-227-2929
NEVADA POWER COMPANY AND SAFETY SERVICES DEPARTMENT

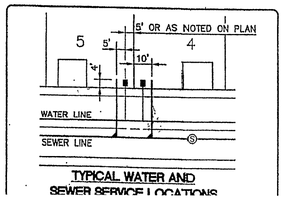
ABANDONED VALVE CUT AND CAP
ALL VALVES TO BE ABANDONED SHALL BE ABANDONED IN THE CLOSED POSITION, UNLESS SHOWN OTHERWISE, BY REMOVING A MINIMUM OF THE TOP TWENTY-FOUR (24) INCHES OF THE VALVE BOX, AND THEN FILLING THE BOTTOM OF THE BOX WITH A MINIMUM OF EIGHT (8) INCHES OF SAND OR TYPE II AGGREGATE BASE, THE REMAINING PORTION OF THE VALVE BOX SHALL BE FILLED WITH CONCRETE HAVING A COMPRESSIVE STRENTH OF AT LEAST TWO THOUSAND (2,000) PSI. THE LATERAL MUST BE CUT WITHIN THREE (3) FEET OF THE ABANDONED VALVE, OR AS SHOWN ON PLANS, AND CAPPED. THE CONTRACTOR SHALL CUT THE EXISTING PIPE WHERE SHOWN ON THE DRAWING, AND INSTALL A CAP COMPLETE WITH THRUST BLOCK. WHERE A JOINT OR COUPLING IN THE EXISTING PIPE IS UNCOVERED AT THE CUT AND CAP LOCATIONS, THE INSTALLATION OF A PLUG MAY BE PERMITTED WITH DISTRICT APPROVAL. A CONCRETE THRUST BLOCK SHALL BE INSTALLED AT ALL CAP OR PLUG LOCATIONS, IN ACCORDANCE WITH THE PROVISIONS OF UDACS PLATE 5.

NOTES

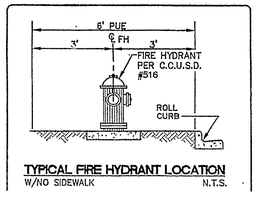
ALL SEWER/STORM DRAINS CROSSING WATER LINES MUST CONFORM TO SECTION 2.19 OF THE UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR POTABLE WATER SYSTEMS (UDACS) FOR WATER AND STORM DRAIN CROSSINGS AND CLEARANCES.

SEWER CONTRIBUTION

0.028 MGD AVERAGE DAILY FLOW
0.095 MGD PEAK FLOW



TYPICAL WATER AND SEWER SERVICE LOCATIONS



TYPICAL FIRE HYDRANT LOCATION
W/NO SIDEWALK N.T.S.

BASIS OF BEARINGS

THE EAST LINE OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 35, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CLARK COUNTY, NEVADA, AS SHOWN BY THAT RECORD OF SURVEY ON FILE IN FILE 40 OF SURVEYS, PAGE 74 IN THE CLARK COUNTY RECORDER'S OFFICE, CLARK COUNTY, NEVADA.

SAID LINE BEAR'S SOUTH 00°08'24" EAST.

BENCHMARK

CLV BM CLV90 35S4
BEING A RIVET & PLATE IN TOP OF CURB 60 FT NORTH OF LONE MOUNTAIN ON EAST CURB OF TORREY PINES.

ELEVATION: 2301.17 FEET/701.3985 METERS
(NAVD '88 DATUM)

APPROVALS

APPROVAL
CITY OF LAS VEGAS FIRE DEPARTMENT — DATE 5/26/06

APPROVED FOR CONSTRUCTION 10744934
LAS VEGAS VALLEY WATER DISTRICT PROJECT #11736 — DATE 6-01-06

PROFESSIONAL ENGINEER — STATE OF NEVADA — TED T. EGERTON — EXP. 12/31/06 — CIVIL — No. 11805 — 6/26/06

D.R. HORTON
6845 ESCONDIDO STREET BLDG #6, SUITE 105
LAS VEGAS, NV 89119
PHONE (702) 430-4388 FAX: (702) 638-4700

LONE MOUNTAIN ENGINEERING
6345 SOUTH JONES BLVD, SUITE 200
LAS VEGAS, NEVADA 89118
PHONE: (702) 220-7791 FAX: (702) 220-7796

DATE: SHEET: UTILITY/STREETLIGHT PLAN
SHEET 03
DATE: TITLE: BAVARIA ESTATES
DRAWN BY:
DESIGNED BY:
CHECKED BY: RJJ
PROJECT NO: 1-Y-0-0-0