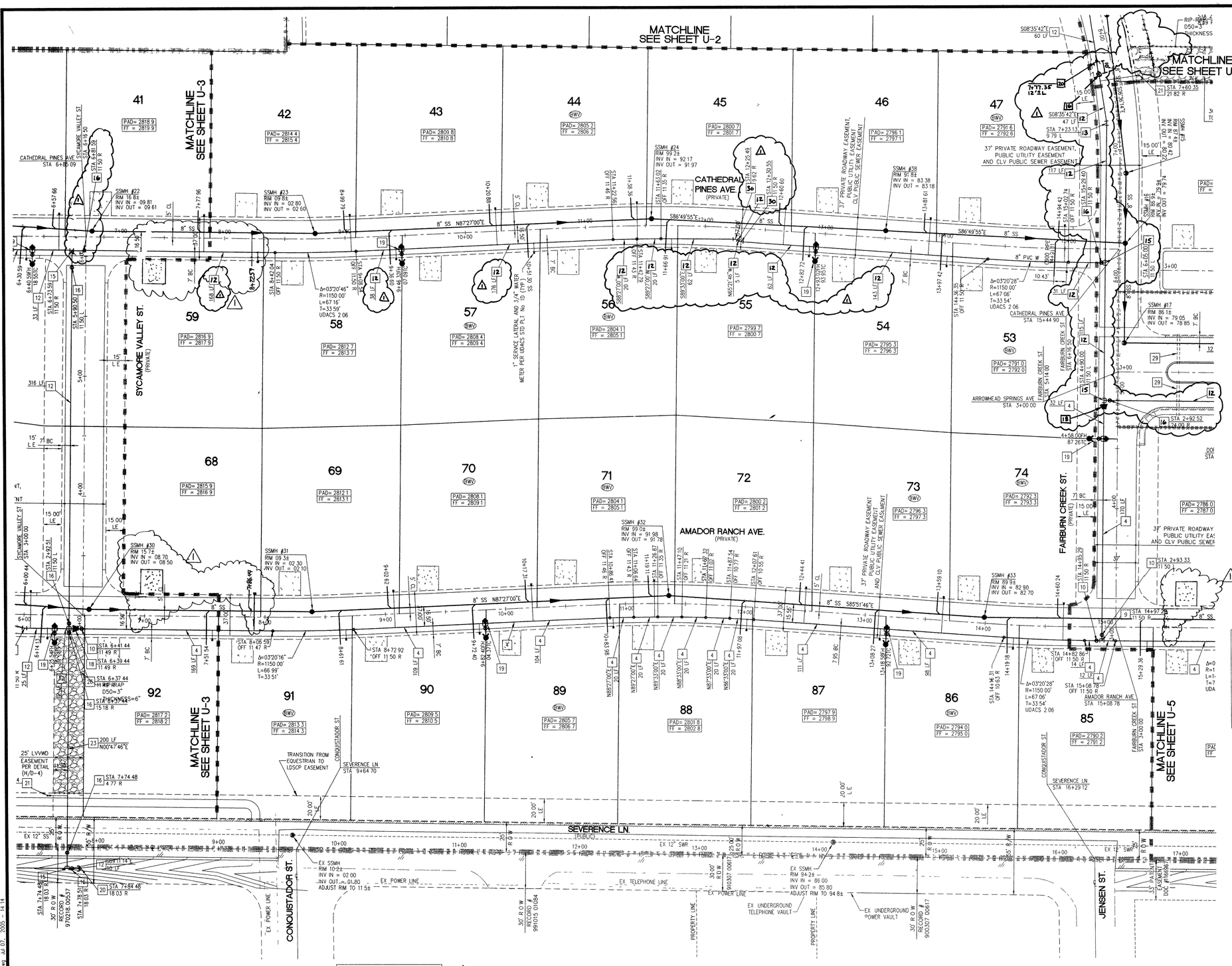
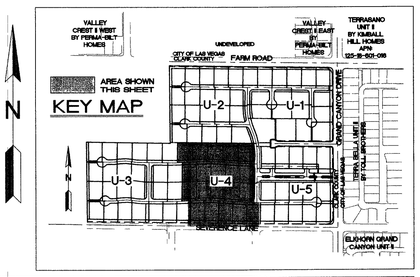




FIRE DEPARTMENT NOTES

1 ALL WORK SHALL BE DONE IN STRICT ACCORDANCE WITH THE 1997 EDITION OF THE UNIFORM FIRE CODE, AND THE 1995 EDITION OF NATIONAL FIRE PROTECTION ASSOCIATION PAMPHLET #24

2 ON ANY BUILDING CONSTRUCTION, ACCESSIBLE FIRE HYDRANTS SHALL BE INSTALLED BEFORE COMBUSTIBLE MATERIALS ARE DELIVERED TO THE SITE AND CONSTRUCTION COMMENCES SAID FIRE HYDRANTS SHALL BE IN GOOD WORKING ORDER WITH THE REQUIRED WATER SUPPLY

3 IF DURING CONSTRUCTION IT BECOMES NECESSARY TO CLOSE ANY CONTROL VALVE OR PLACE A HYDRANT OUT OF SERVICE, THE CLARK COUNTY FIRE DEPARTMENT MUST BE CONTACTED

4 PAINTING OF CURBS AND/OR STRIPING OF ASPHALT AREAS AND PROTECTION OF HYDRANTS FROM PHYSICAL INJURY PER FIRE HYDRANT INSTALLATION SPECIFICATIONS OF THE FIRE PREVENTION BUREAU

5 NO FIRE HYDRANT SHALL BE LOCATED WITHIN 25 FEET OF ANY STRUCTURE, OR 5 FEET OF A DRIVEWAY, POWER POLE, LIGHT STANDARD, OR ANY OTHER OBSTRUCTION FOR WALL, FENCE AND PLANTER LOCATIONS, A PERIMETER AROUND THE HYDRANT MEASURING A MINIMUM OF 3 FEET FROM ITS EXTERIOR SHALL BE MAINTAINED CLEAR OF ALL OBSTRUCTION AT ALL TIMES

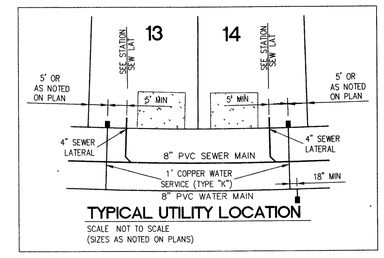
6 AT ALL TIMES DURING CONSTRUCTION SUITABLE EMERGENCY VEHICLE ACCESS ROAD MUST BE MAINTAINED ROADWAYS MUST BE SMOOTH, COMPACTED AND CAPABLE OF SUPPORTING THE IMPOSED LOADS OF ALL EMERGENCY VEHICLES

7 PRIOR TO ACCEPTANCE OF ANY FIRE SERVICE MAIN, A SATISFACTORY HYDROSTATIC TEST WITH PIPING JOINTS UNCOVERED MUST BE CONDUCTED APPROVED PLANS AND A CONTRACTOR'S MATERIALS AND TEST CERTIFICATE MUST BE PROVIDED AT TIME OF INSPECTION

8 BLUE REFLECTIVE MARKERS MUST BE INSTALLED BEFORE FINAL HYDRANT ACCEPTANCE CAN BE ATTAINED [97 UFC SEC 901 4 3]

FIRE DEPARTMENT DATA

FIRE FLOW REQUIREMENT 2250 GALLONS PER MINUTE AT 20 PSI RESIDUAL PRESSURE
BASED ON
SQUARE FOOTAGE LESS THAN 7700 SQUARE FEET
OCCUPANCY SINGLE FAMILY RESIDENCE
BUILDING DETAIL V- R3-U1 N



TYPICAL UTILITY LOCATION

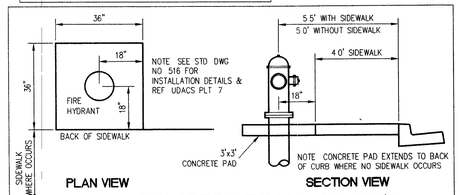
SCALE NOT TO SCALE
(SIZES AS NOTED ON PLANS)

EASEMENT NOTES

1. 37' DRAINAGE EASEMENT, LVVWD WATER EASEMENT, PUBLIC UTILITY EASEMENT (TO BE MAINTAINED BY H O A) AND CLV PUBLIC SEWER EASEMENT
   - DENOTES AREA TO BE COVERED BY (1) EASEMENT CALLOUT
2. 20' DRAINAGE EASEMENT (TO BE MAINTAINED BY H O A) AND CLV PUBLIC SEWER EASEMENT
3. DRAINAGE EASEMENT TO BE PRIVATELY MAINTAINED BY H O A (SEE DIMENSION ON PLAN FOR EASEMENT WIDTH)

LEGEND

- LOT LINE
- STREET CENTERLINE
- X" PVC W — WATER LINE
- CHANGE IN WATER LINE DIRECTION (MAX 1" DEFLECTION AT JOINT ONLY)
- SEWER LINE W/FLOW DIRECTION ARROW
- EX X" PVC W — EXISTING WATER LINE
- EX X" SWR — EXISTING SEWER LINE
- BWV — BACK WATER VALVE
- 1" SERVICE LATERAL AND 1" WATER METER PER UDACS STD PLT NO 1-B
- SEWER LATERAL
- 32 — LOT NUMBER
- SSMH — SANITARY SEWER MANHOLE
- BLUE REFLECTIVE MARKER PER [97 UFC SEC 901 4 3]
- VALVE (NEW)
- FIRE HYDRANT (NEW)
- VALVE (EXISTING)
- FIRE HYDRANT (EXISTING)
- DENOTES "L" CURB AND GUTTER
- POC — POINT OF CONNECTION

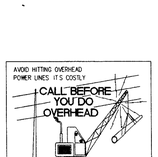


FIRE HYDRANT LOCATION DETAIL

SCALE NOT TO SCALE

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

CALL BEFORE YOU DIG
Call before you UnderGround
1-702-455-7511
CLARK COUNTY TRAFFIC OPERATIONS
1-702-229-6611
LAS VEGAS AREA COORDINATED TRAFFIC SYSTEM



AVOID HITTING OVERHEAD POWER LINES IT'S COSTLY
CALL BEFORE YOU DO OVERHEAD
1-702-227-2929

SCALE 1" = 40' (−40, 0, 40, 80 FEET)

WATER MAIN JOINT DEFLECTION (PVC, 4"-24")
PVC PIPE SHALL BE DEFLECTED AT THE JOINT ONL THE MAXIMUM ALLOWABLE DEFLECTION SHALL BE ONE (1) DEGREE PER JOINT WITH A MINMUM RADIUS OF CURVATURE OF 1 150 FEET, PER UDACS 2 06 01 AND 2 06 02
FOR CHANGES IN DIRECTION EXCEEDING THE MAXIMUM ALLOWABLE JOINT DEFLECTION FITTINGS SHALL BE USED

NOTES

1 H O A RESPONSIBLE FOR ALL WATER SERVICE LATERALS PAST METER
2 INSALL PIPELINE MARKER BALLS IN TRENCH ABOVE EACH HORIZONTAL ELBOW FITTING, PER UDACS PLATE No 27

NOTE THIS PROJECT PLAN APPROVAL CONTINGENT ON PROJECT# H108723, CAPRIANA PLAN APPROVAL

COUNTY OF CLARK
FIRE DEPARTMENT
APPROVED
BY 7/1/05
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
FIRE FLOW 2250 GPM AT 20 P S I RESIDUAL

APPROVED FOR CONSTRUCTION
LAS VEGAS VALLEY WATER DISTRICT 7-11-05
PROJECT# H108867 DATE

SLATER HANIFAN GROUP
CONSULTING ENGINEERS & PLANNERS
5740 S AR VILLE STREET #216, LAS VEGAS, NV 89118
PHONE (702) 284-5300 FAX (702) 284-5399

NO.	DESCRIPTION	DATE	BY	APP
1	REVISED DWFF AND UTIL. LAYL	06/20/05		
	LOCATION			

CLARK COUNTY, NEVADA
JC 9/01/05

PINNACLE HOMES
SABLE CREEK
UTILITY PLAN IV

SECTION 18
TOWNSHIP 19 SOUTH
RANGE 60 EAST, M.D.M.

DATE 06/20/05
DRAFTER: DMB
DESIGNER: DMB
CHECKED: TJS
PROJECT NO. PIN0402-001

PROFESSIONAL ENGINEER — STATE OF NEVADA — TODD J. STEADHAM — Exp. 06/30/2006 — CIVIL — No. 15292 — 7/1/05

U-4
SHEET 6 OF 44

CLV DWG # 3071930
CC HTE# 05-7995

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