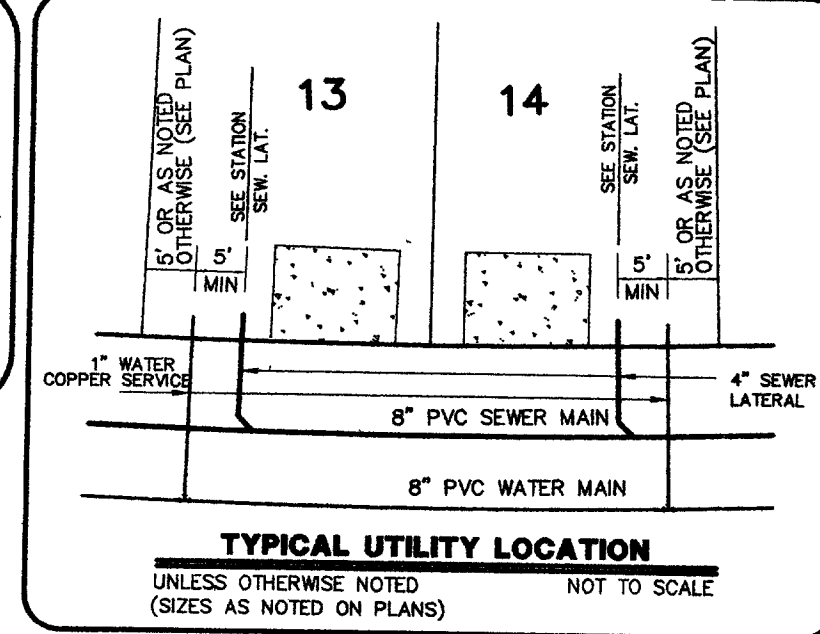


APPROVED REDUCED PRESSURE PRINCIPLE ASSEMBLY (1) 1" SHALL BE INSTALLED PER THE UDACS PLATE NO. 11A. NO WATER SHALL BE TAKEN FROM A SERVICE REQUIRING BACK FLOW PREVENTION UNTIL THE REDUCED PRESSURE PRINCIPLE ASSEMBLY HAS BEEN SUCCESSFULLY TESTED BY THE LVVWD. ANY BLOCK WALL OR OTHER FENCE MATERIAL SHOULD BE DESIGNED AND CONSTRUCTED AROUND THE OUTSIDE OF THE EASEMENT(S) TO ALLOW THE DISTRICT DIRECT ACCESS FROM THE ADJACENT RIGHT-OF-WAY. EASEMENTS SHALL BE CLEARLY MARKED OR STAKED PRIOR TO THE START OF CONSTRUCTION.

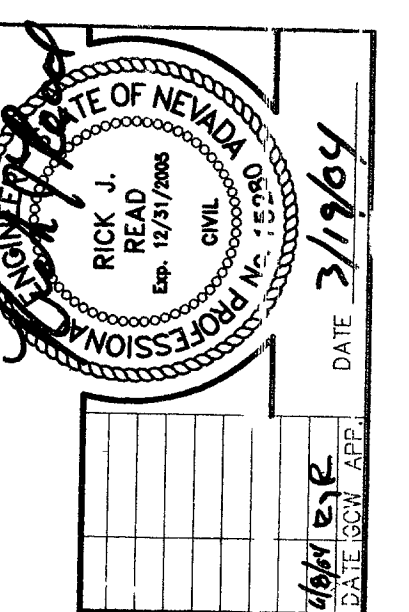
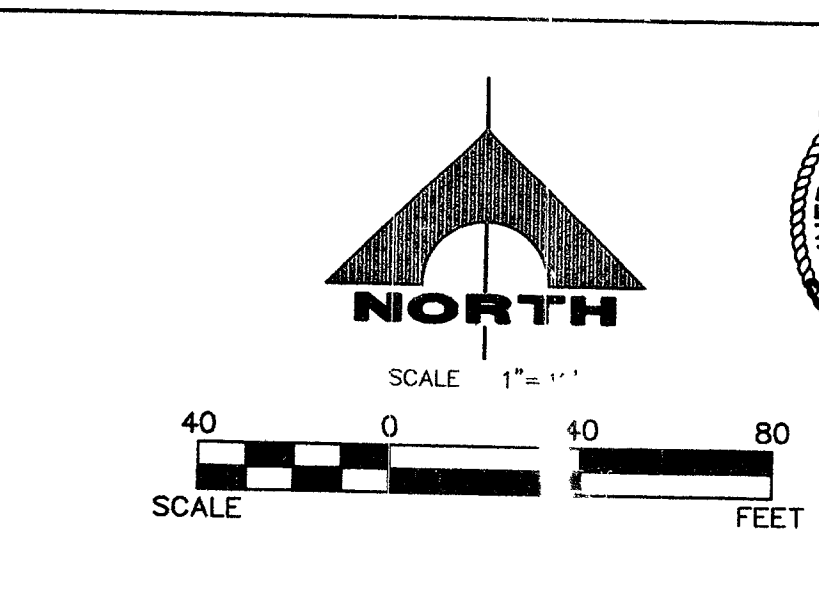
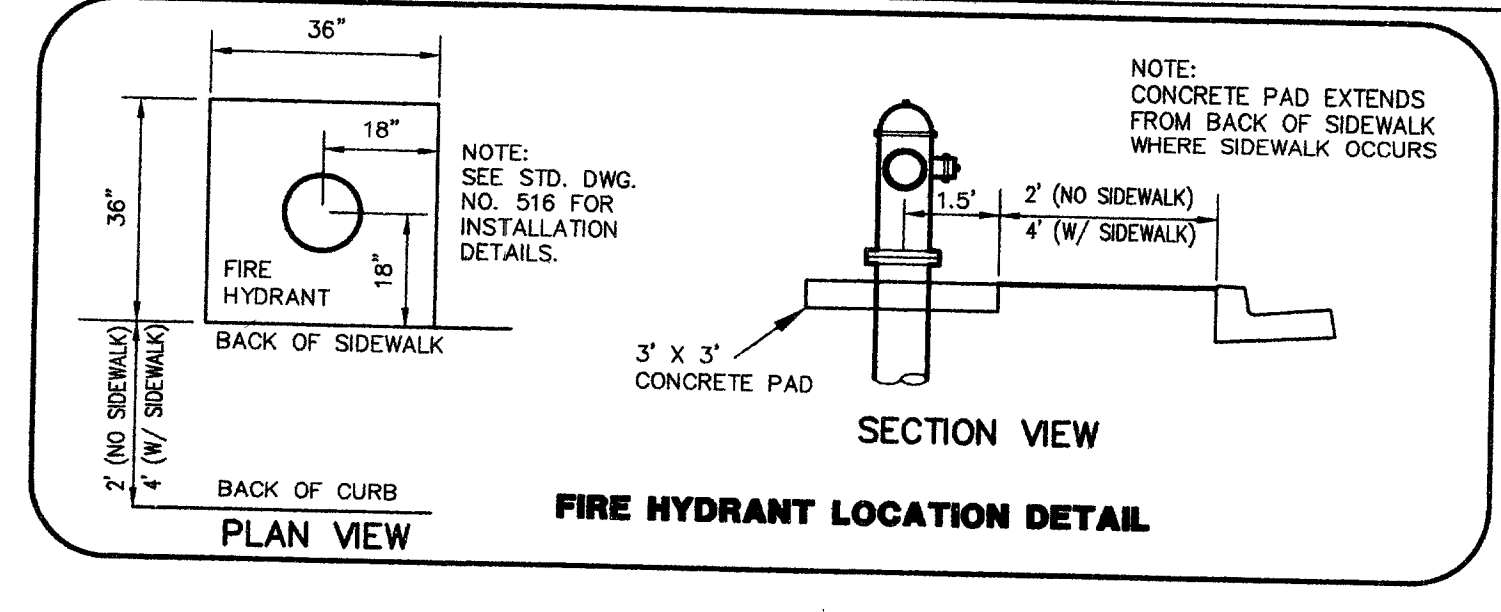
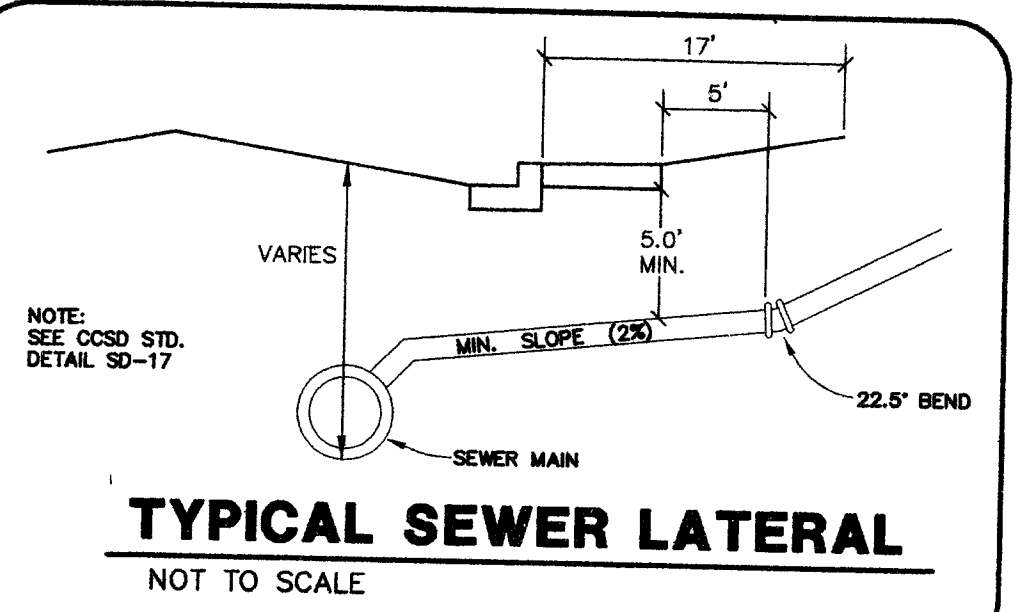
NOTE TO CONTRACTOR
INSTALL PIPELINE MARKER BALLS IN TRENCH ABOVE EACH HORIZONTAL ELBOW FITTING PER UDACS PLATE NO. 27.

SEE SHEET C-03 FOR SEWER MANHOLE TABLE

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



FIRE FLOW CALCULATIONS	
FIRE FLOW REQUIREMENT IS	1500 gallons per minute
at 20 psi residual pressure.	
Based on:	BUILDING A:
SQUARE FOOTAGE:	1923 SF
LARGEST AREA BETWEEN 4-HOUR AREA SEPARATION WALLS:	NA SF
BUILDING HEIGHT:	30 FEET
NUMBER OF STORIES:	2
TYPE OF CONSTRUCTION:	TYPE V-N
OCCUPANCY:	R3
FULL AUTOMATIC FIRE SPRINKLER SYSTEM:	NO



BENCHMARK			
CLV	DESC.	NAVD 88	NAVD 88
BM NO.		DATUM	DATUM
D368.3	U.S.C. & G.S. BRASS DISC SET IN ROCK ON THE EAST SIDE OF CHARLESTON BOULEVARD AND SOUTH OF THE RED ROCK DETENTION BASIN.	3246.71 (FEET)	989.599 (METERS)

BASIS OF BEARINGS
NORTH 89°45'05\"/>

SEWER	
DAILY AVERAGE: 126 EUG'S X 250 GPD/ERL	= 31,500 GPD
PEAK FLOW: 31,500 X 3.4 (PF)	= 107,100 GPD

- CONSTRUCTION NOTES**
- 1 REMOVE PLUG AND CONN. C1
 - 2 REMOVE CAP AND BLOW- OFF AND PER UDACS PLATE 4A NO. F 1
 - 3 INSTALL FIRE HYDRANT ASSEMBLY PER UDACS PLATE NO. 7) AND DETAIL
 - 4 INSTALL 2\"/>
 - 5 VERIFY SIZE, LOCATION, AND INVERT OF EXISTING IMPROVEMENTS
 - 6 INSTALL 8\"/>
 - 7 INSTALL 8\"/>
 - 8 INSTALL 8\"/>
 - 9 INSTALL 8\"/>
 - 10 INSTALL 8\"/>
 - 11 INSTALL 8\"/>
 - 12 INSTALL 1\"/>
 - 13 INSTALL 8\"/>
 - 14 INSTALL 12\"/>
 - 15 INSTALL 8\"/>
 - 16 INSTALL 1\"/>

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

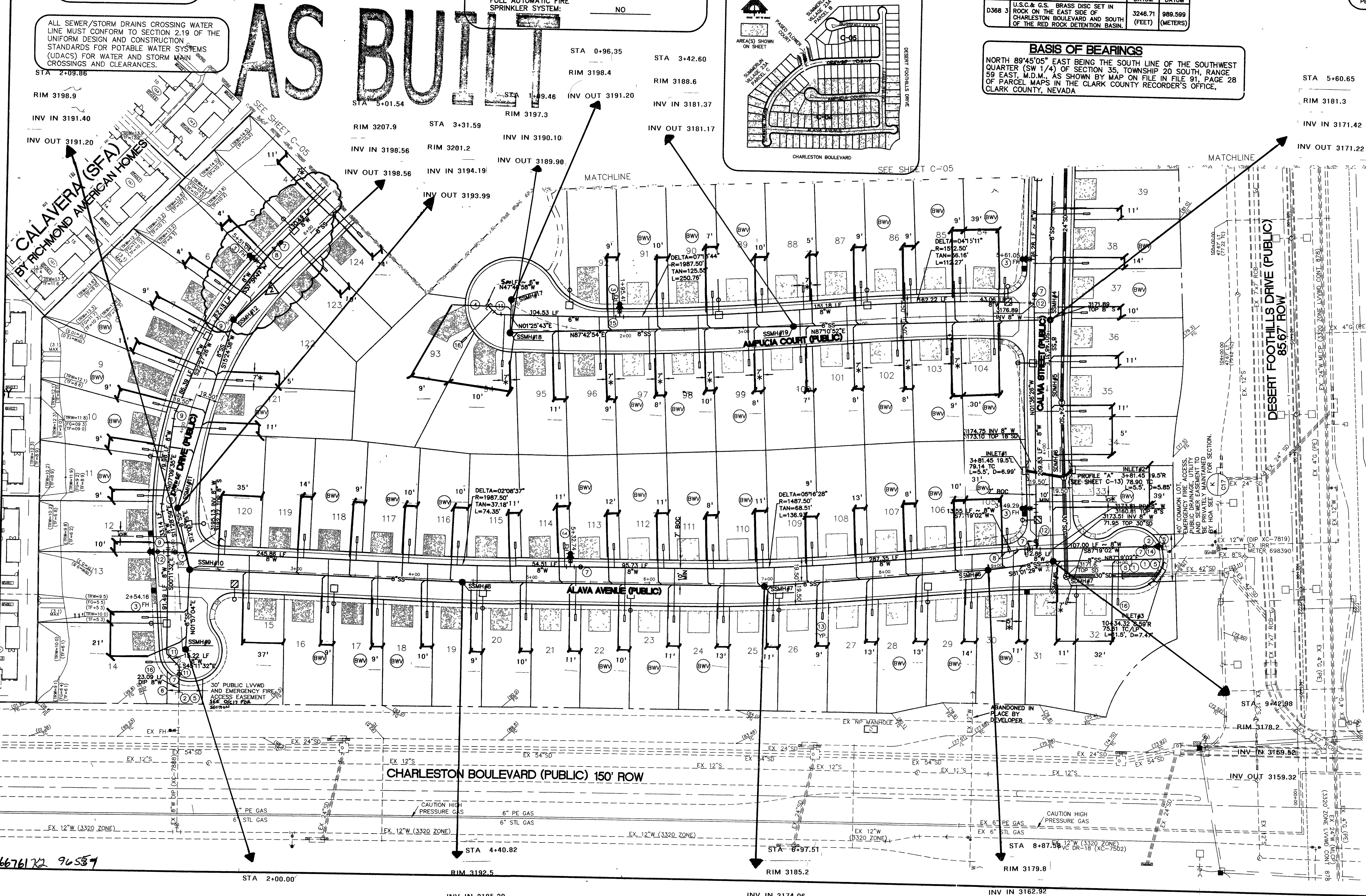
CALL BEFORE YOU DIG OVERHEAD
1-702-227-2929

UTILITY LEGEND

- 1 BLOCK NUMBER
- PRV PRESSURE REDUCING VALVE
- W WATER LINE
- EX. W EXISTING WATER LINE
- WATER SERVICE 5/8\"/>
- G.V. GATE VALVE
- EX. G.V. EXISTING GATE VALVE
- 2\"/>
- EX. 2\"/>
- PRV PRESSURE REDUCING VALVE
- BWV BACK WATER VALVE
- SEWER LATERAL
- EX. SMH EXISTING SEWER MANHOLE
- CONCRETE DRIVEWAY
- FF = 19.9 FINISH FLOOR
- 100W HPS LUMINAIRE
- 130W HPS LUMINAIRE
- FUTURE STREET LIGHT

APPROVED FOR CONSTRUCTION
CLV FIRE DEPARTMENT
DATE 3/26/04

APPROVED FOR CONSTRUCTION
LAS VEGAS VALLEY WATER DISTRICT
PROJ. 28853
DATE 3/23/04



AS BUILT

G.C. WALLACE, INC.
Engineers/Planners/Surveyors
1555 SOUTH RAINBOW BLVD./LAS VEGAS, NEVADA 89146
TELEPHONE (702) 804-2000 • FAX (702) 804-2289

PULTE HOMES, INC.
CORDOVA AT SUMMERLIN - VILLAGE 23, PARCEL A
UTILITY PLAN I

DRAWING
C-04
4 OF 21 SHEETS