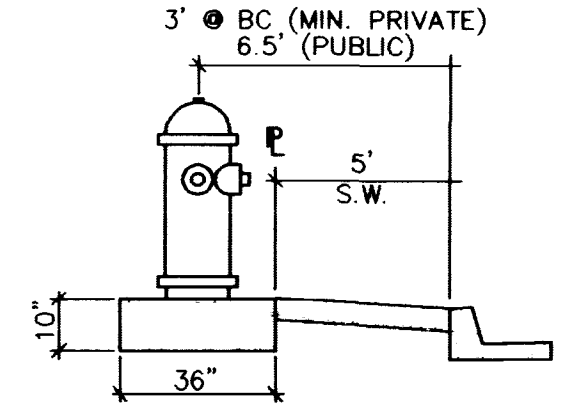


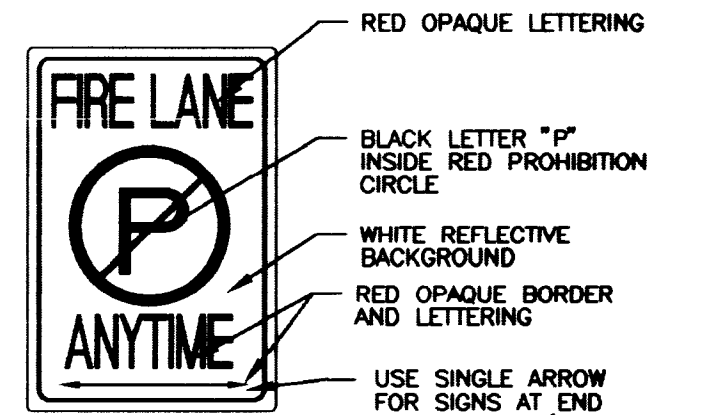
NOTE:
ALL ON-SITE SEWERS ARE PRIVATELY OWNED AND MAINTAINED.



FIRE HYDRANT INSTALLATION
NTS

LEGEND:

CURB PAINTED RED
4" HIGH, WHITE PAINTED BLOCK LETTERS
"NO PARKING FIRE LANE" ON CURB FACE
OR BLOCK WALL & "FIRE LANE" NO PARKING
SIGN (SEE DETAIL BELOW) 50" O.C. MAX



"FIRE LANE" SIGN DETAIL:

SITE SEWER CONTRIBUTION

AVERAGE FLOW = 7,490 GAL/DAY (74,900 SF @ 0.10 GAL/DAY/S.F.)
PEAK FLOW = 24,717 GAL/DAY (3.3 PEAK FACTOR)

LAS VEGAS FIRE DEPARTMENT

FIRE FLOW IS: 2,875 GPM AT 20 PSI RESIDUAL PRESSURE

BASED ON:	74,900 S.F. OFFICE
SQUARE FOOTAGE:	74,900 OFFICE 38,900 PARKING GARAGE
SEPARATION WALLS:	OCCUPANCY SEPARATION WALL BETWEEN PARKING BASEMENT AND OFFICE
BUILDING HEIGHT:	44; -0"
NUMBER OF STORIES:	2 STORY OFFICE OVER PARKING BASEMENT
OCCUPANCY:	BASEMENT S-3 OFFICE B
FULL AUTOMATIC FIRE SYSTEM:	YES
CONSTRUCTION:	TYPE II NR

NOTES:

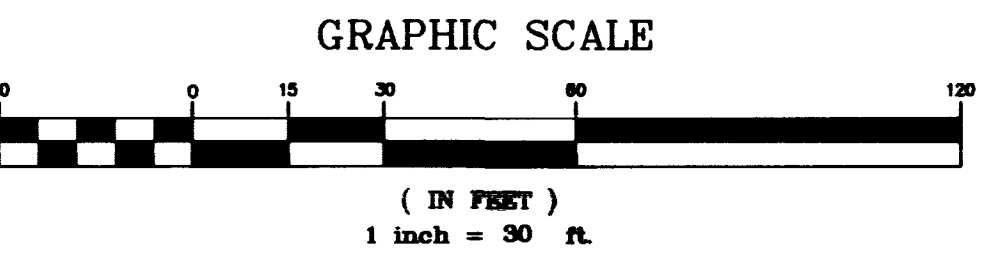
- ALL DIMENSIONS TO UTILITIES ARE TO CENTERLINE OF PIPE, BACK OF CURB, PROPERTY LINE, CENTERLINE, & BUILDING LINE, UNLESS NOTED OTHERWISE.
- CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL ALIGNMENT OF EXISTING UTILITIES AND NOTIFY THE DESIGN ENGINEER IMMEDIATELY OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.
- ALL SEWER AND WATER LATERALS ARE TO BE INSTALLED PER UPC STANDARDS FROM MAIN TO 5' FROM BUILDING.
- ALL EXISTING UTILITY STRUCTURES WITHIN CONSTRUCTION AREA SHALL BE ADJUSTED TO MATCH FINISH GRADE (LE, WV, BOX, WWH, ANODE BOX, FH, TEL BOX, ETC.)
- FOR EXACT BUILDING LATERAL CONNECTION POINTS, SEE PLUMBING PLANS. REVISE CONNECTION POINTS AS REQUIRED TO MATCH PLUMBING PLANS.

CONSTRUCTION NOTES

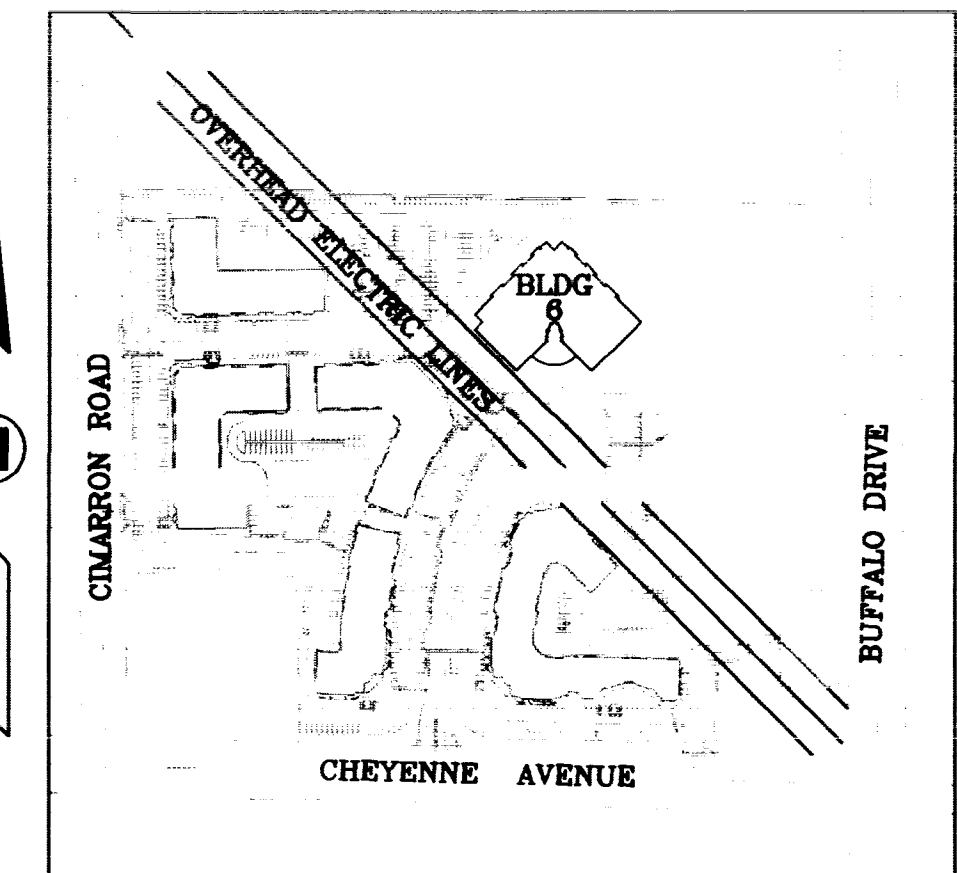
- CONSTRUCT 6" DIA SOLID WALL PVC LATERAL SD-16, SD-17
- INSTALL SEWER CAP PER STD SD-12
- INSTALL SEWER CLEANOUT
- CONSTRUCT 6" PVC WATER LINE (C-900, CLASS 150)
- INSTALL 6" - 90° ELBOW W/ THRUST BLK PER PLATE 5
- INSTALL 6" GATE VALVE PER PLATE 3
- INSTALL 6"X6"X6" TEE W/ THRUST BLK PER PLATE 3
- INSTALL 6" - 45° ELBOW W/ THRUST BLK PER PLATE 3
- CAP 6" WATER LINE
- RELOCATE EXIST. FIRE HYDRANT

APPROVALS

[Signature]
CITY FIRE MARSHAL
11.4.99
DATE



SITE INDEX



CHEYENNE INVESTMENT, LLC 3291 W. LAS VEGAS BLVD., SUITE 8 LAS VEGAS, NEVADA 89129 (702) 256-4332	AGRA Infrastructure Inc. ENGINEERING GLOBAL SOLUTIONS CHARLESTON BOULEVARD, SUITE 180 LAS VEGAS, NEVADA 89102 PHONE: (702) 878-3617 FAX: (702) 878-3716
MASTER UTILITY PLAN FLYNN-GALLAGHER 3 STORY-NO.6 NWC OF CHEYENNE & BUFFALO APN 138-09-801-018 & 019 CITY OF LAS VEGAS	DRAWN BY: 06/1999 DESIGNED BY: 06/1999 CHECKED BY: 06/1999 PROJECT NO.: 02-1999-501 SCALE: 1"=30' 5 OF 8 SHEETS DRAWING NO. 107-V3166

J:\1999\000\001\9001\01 Thu Nov 04 09:49:52 1999 N:XE E

