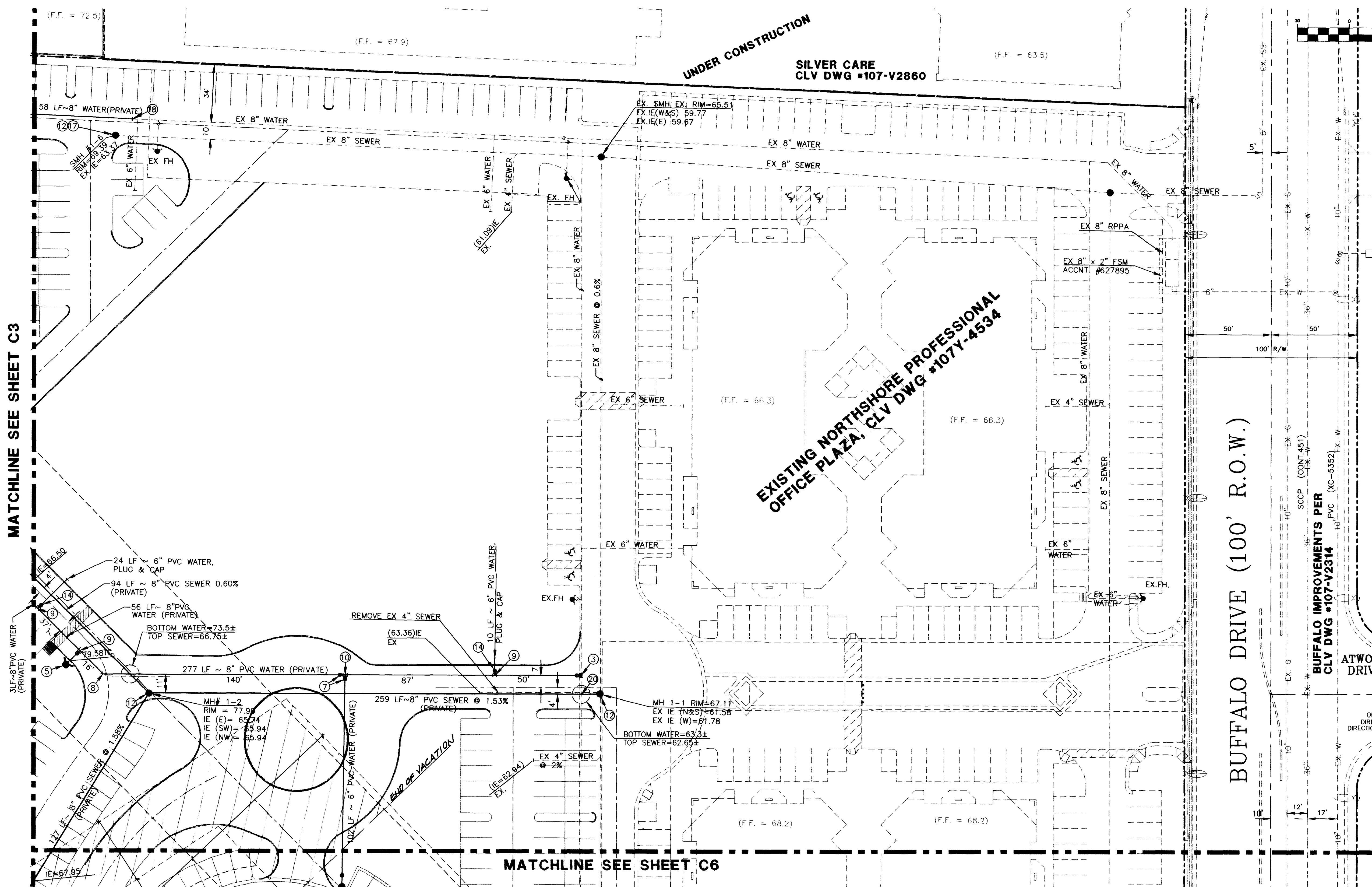


MATCHLINE SEE SHEET C3



#### SEWER CONTRIBUTION

AVERAGE FLOW = 17,840 GAL/DAY (178,400 SF @ 0.10 GAL/DAY/S.F.)  
PEAK FLOW = 58,872 GAL/DAY (3.3 PEAK FACTOR)

#### LAS VEGAS FIRE DEPARTMENT

FIRE FLOW IS: 3,125 GPM AT 20 PSI RESIDUAL PRESSURE

BASED ON: LARGEST BLDG.  
SQUARE FOOTAGE: 51,970 SQ. FT.  
AREA BETWEEN 4-HR AREA  
SEPARATION WALLS: N/R  
BUILDING HEIGHT: 35'  
NUMBER OF STORIES: 1  
OCCUPANCY: V-N  
FULL AUTOMATIC FIRE SYSTEM: YES

#### 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 (L.E., W.V. BOX, W.M., ANNODE BOX, F.H., TEL BOX, ETC.).
- FOR EXACT BUILDING LATERAL CONNECTION POINTS, SEE PLUMBING PLANS.

#### CONSTRUCTION NOTES

- INSTALL 8" TAPPING SLEEVE & 8" TAPPING VALVE
- 8" GATE VALVE
- 8" x 45' BEND
- 8" x 8" x 6" TEE
- 8" TEE
- INSTALL 4" DIA. SMH PER CCSD STD DWG NO. SD-1
- 6" GATE VALVE
- REMOVE 8" SEWER PLUG, MAKE CONNECTION TO EXIST. SEWER
- REMOVE 8" WATER CAP & PLUG, MAKE CONNECTION TO EXIST. WATER
- CONCRETE ENCASE BOTH SEWER AND WATER LINES TO 10' BEYONDCROSSING POINT W/300 PSI CONCRETE SLURRY

#### APPROVALS

CITY FIRE MARSHALL  
LAS VEGAS VALLEY WATER DISTRICT  
DATE: 10/27/98

PROJECT NAME: FLYNN GALLAGHER  
CORP. CENTER, P.O. BOX 1004  
CITY OF LAS VEGAS, NV 89102

THIS PROJECT WATER PLAN COMPLIES WITH THE LAS VEGAS VALLEY WATER DISTRICT'S TECHNICAL REQUIREMENTS. HOWEVER, THIS WATER PLAN IS NOT APPROVED FOR CONSTRUCTION AT THIS TIME AND THIS SIGNATURE DOES NOT PROVIDE OR IMPLY A WATER COMMITMENT.

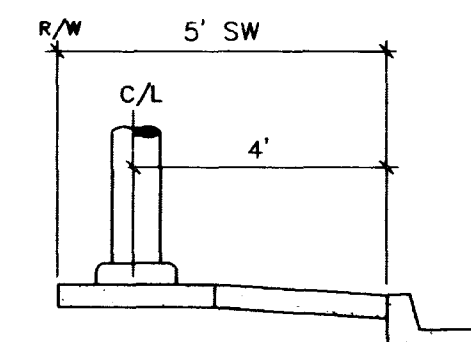
DATE: 10-27-98

#### GRAPHIC SCALE

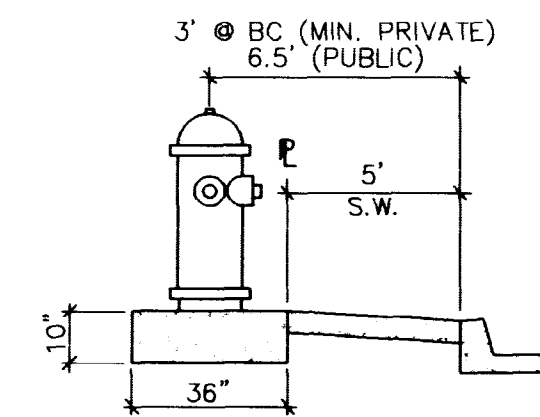
(IN FEET)  
1 inch = 30 ft.

#### NOTE:

ALL ON-SITE SEWERS ARE PRIVATELY OWNED AND MAINTAINED.



#### STREET LIGHT INSTALLATION



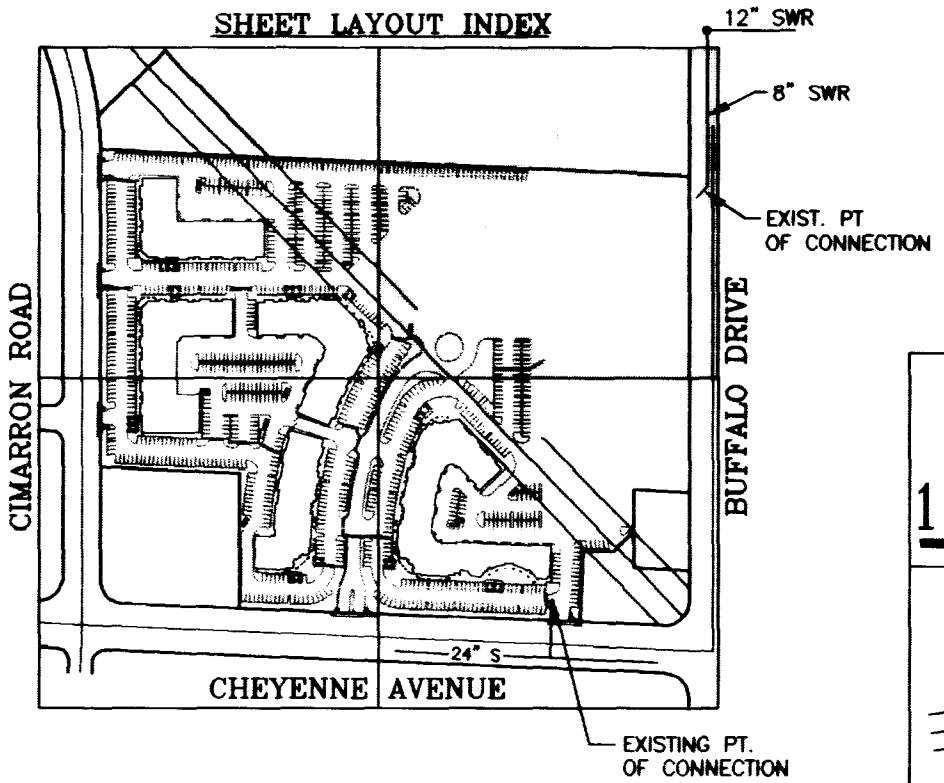
#### FIRE HYDRANT INSTALLATION

#### LEGEND:

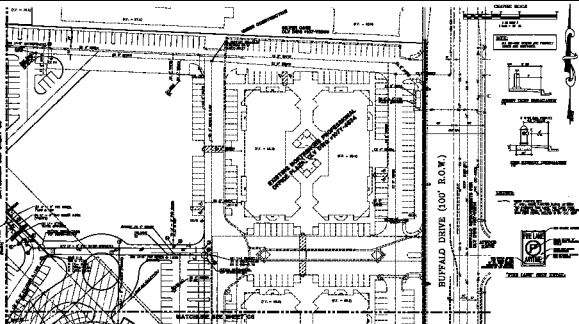
CURB PAINTED RED  
4" HIGH, WHITE PAINTED BLOCK LETTERS  
"NO PARKING FIRE LANE" ON CURB FACE  
OR BLOCK WALL & "FIRE LANE" NO PARKING  
SIGN (SEE DETAIL BELOW) @ 50' O.C. MAX



#### "FIRE LANE" SIGN DETAIL:



#### SEWER CONNECTION KEY



# **GENERAL INFORMATION**

THIS PLAN IS A PART OF THE PROJECT FOR THE  
 THE PLAN IS A PART OF THE PROJECT FOR THE

DATE OF PLAN: 10/1/00  
 DRAWN BY: J. J. J.  
 CHECKED BY: J. J. J.  
 SCALE: 1" = 100'

## **NOTES**

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, AS APPLICABLE.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES AND STRUCTURES.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ACCESS TO ALL ADJACENT PROPERTIES.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING TRAFFIC FLOW DURING CONSTRUCTION.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING ALL AREAS TO ORIGINAL OR BETTER CONDITION.

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ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITIONS OF THE STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, AS APPLICABLE.

DESIGNED BY: J. J. J.  
 DRAWN BY: J. J. J.  
 CHECKED BY: J. J. J.  
 SCALE: 1" = 100'



|                                                                    |  |
|--------------------------------------------------------------------|--|
| <p>PROJECT: PROJECT, L.L.C.</p> <p>DATE: 10/1/00</p>               |  |
| <p>UTILITY PLAN</p>                                                |  |
| <p>PLANS: DALLAS COUNTY, TEXAS</p> <p>PROJECT NO.: 100-100-100</p> |  |
| <p>SCALE: 1" = 100'</p>                                            |  |
| <p>DATE: 10/1/00</p>                                               |  |
| <p>BY: J. J. J.</p>                                                |  |
| <p>CHECKED BY: J. J. J.</p>                                        |  |
| <p>APPROVED BY: J. J. J.</p>                                       |  |