

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 (LE, WV, BOX, WWH, ANNODE BOX, FH, 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' BEYOND CROSSING POINT W/300 PSI CONCRETE SLURRY

APPROVALS

CITY ENGINEER: *[Signature]* 10/27/98
DATE: 10/27/98
LAS VEGAS VALLEY WATER DISTRICT: *[Signature]* 1st Approval 1/28/99
DATE: 2/2/99

PROJECT NAME: FLYNN GALLAGHER
CORP. CENTER, C4/C6
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.

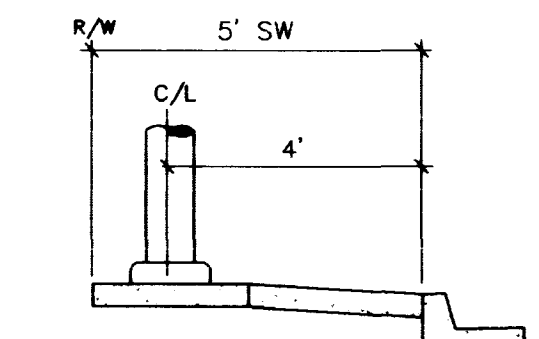
[Signature] 10-27-98
DATE: 10-27-98

GRAPHIC SCALE

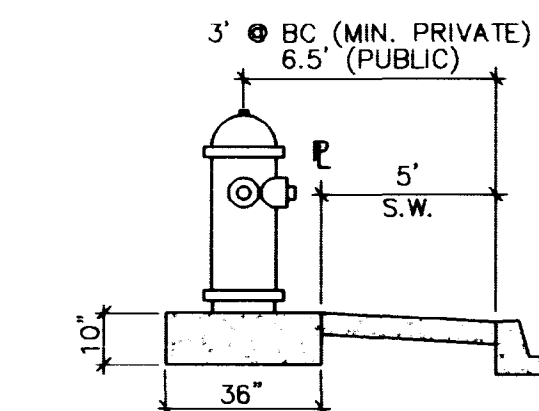
(IN FEET)
1 inch = 30 ft.

NOTE:

ALL ON-SITE SEWERS ARE PRIVATELY OWNED AND MAINTAINED.



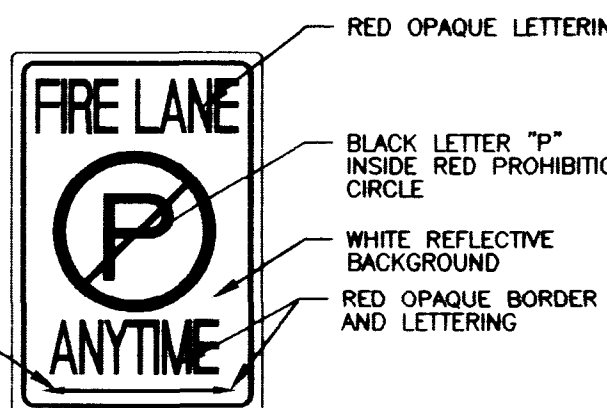
STREET LIGHT INSTALLATION



FIRE HYDRANT INSTALLATION

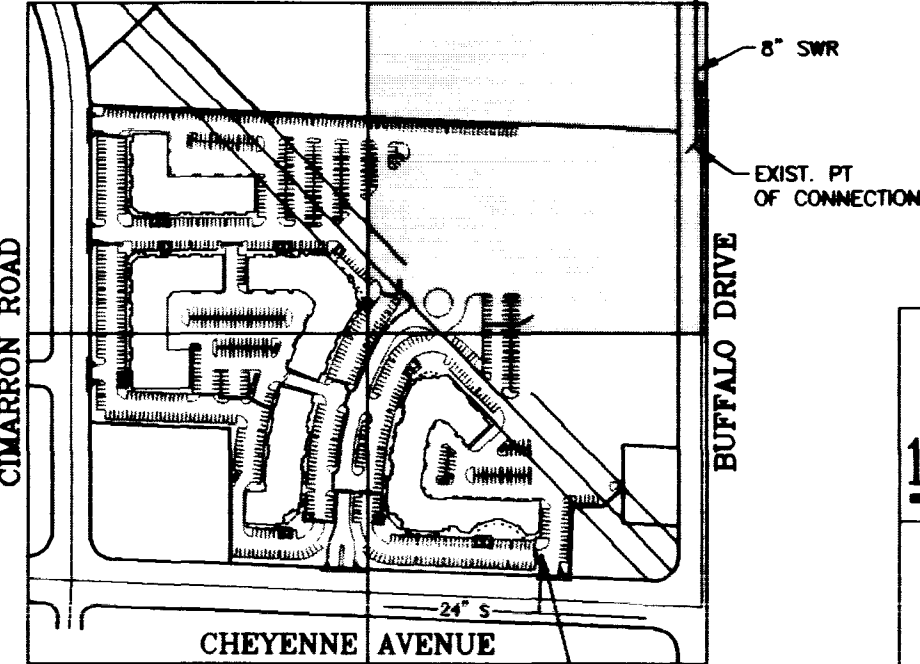
LEGEND:

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:

SHEET LAYOUT INDEX



SEWER CONNECTION KEY



NORTHWEST PROPERTIES, L.L.C.

UTILITY PLAN

DRAWN BY: AUG98

PAK

DESIGNED BY: AUG98

MO/05/MS/PAK

CHECKED BY: AUG98

MC

PROJECT NO: 02-1998-087

SCALE: 1" = 30'

C4

4 OF 15 SHEETS

DRAWING NO. 107-V2965

AGRA Infrastructure, Inc.

FLYNN GALLAGHER CORP. CENTER

DRAWN BY: AUG98

PAK

DESIGNED BY: AUG98

MO/05/MS/PAK

CHECKED BY: AUG98

MC

PROJECT NO: 02-1998-087

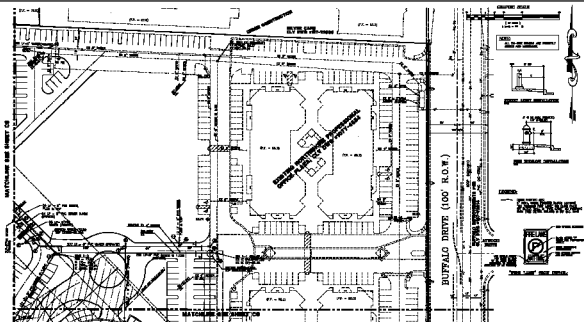
SCALE: 1" = 30'

C4

4 OF 15 SHEETS

DRAWING NO. 107-V2965

MATCHLINE SEE SHEET 02



GENERAL NOTES
 1. ALL UTILITIES TO REMAIN UNLESS OTHERWISE NOTED.
 2. SEE TRAILER TRAIL DEPARTMENT FOR FURTHER INFORMATION.
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- NOTES**
1. EXISTING BUILDING TO BE DEMOLISHED
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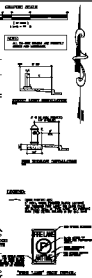
NOTES

1. EXISTING BUILDING TO BE DEMOLISHED

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GENERAL CONSTRUCTION DET



ADVANCED PREPARED, L.L.C. 10000 W. 100th Ave., Suite 100 Overland Park, KS 66213 (913) 666-1111	
UTILITY PLAN PLUMB, GAS, AND ELECTRIC CENTER 10000 W. 100th Ave., Suite 100 Overland Park, KS 66213 (913) 666-1111	
1" = 10' SCALE 10' 0" 20' 0" 30' 0" 40' 0" 50' 0" 60' 0" 70' 0" 80' 0" 90' 0" 100' 0"	