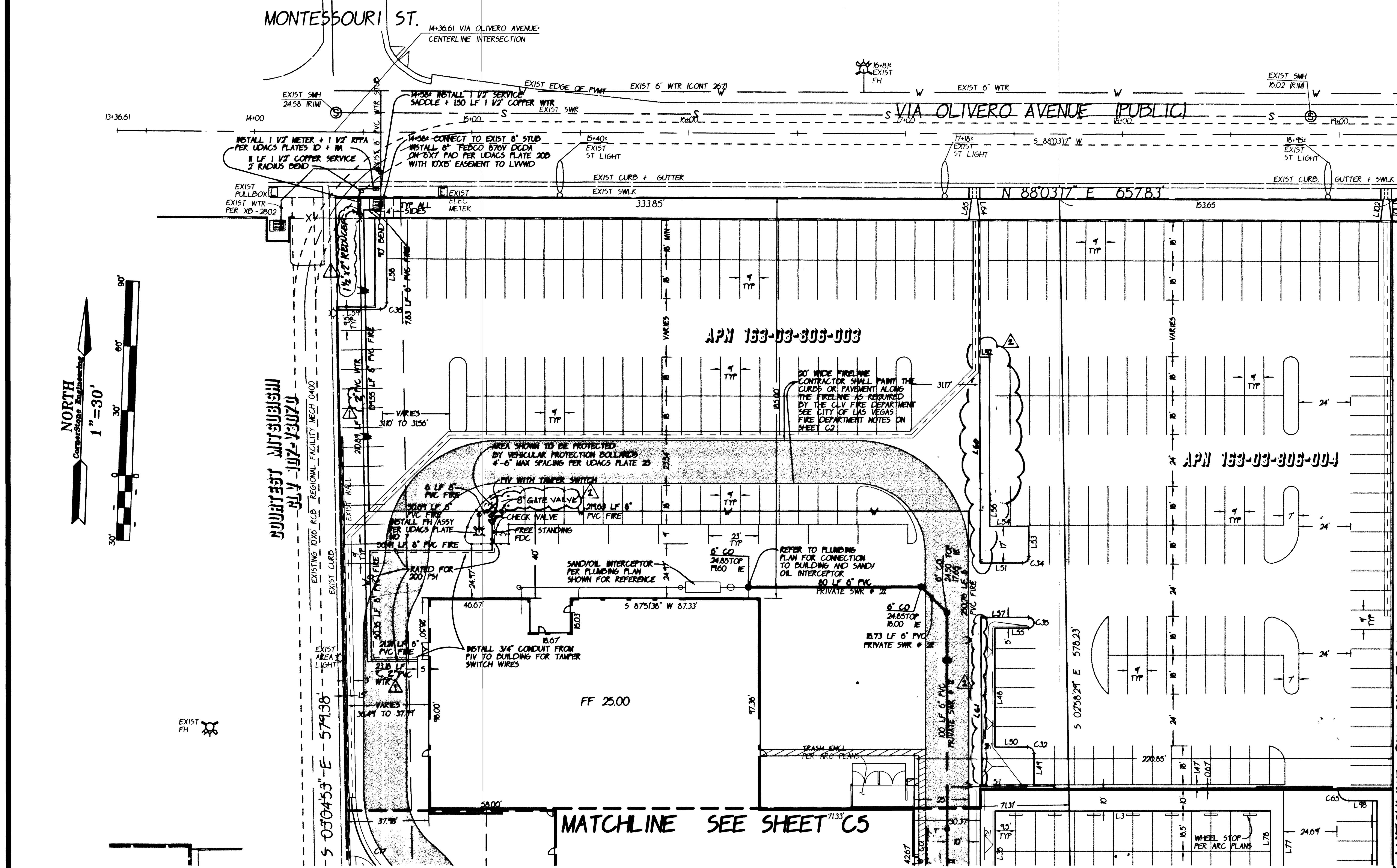



**REDUCED PRESSURE PRINCIPLE ASSEMBLY (1) 1 1/2"**

APPROVED REDUCED PRESSURE PRINCIPLE ASSEMBLY(S) SHALL BE INSTALLED PER THE UDACS PLATE NO 11A. NO WATER SHALL BE TAKEN FROM A SERVICE REQUIRING BACKFLOW PREVENTION UNTIL THE REDUCED PRESSURE PRINCIPLE ASSEMBLY HAS BEEN SUCCESSFULLY TESTED BY THE LVVWD.

ANY BLOCK WALL OR OTHER FENCE MATERIAL SHALL BE DESIGNED AND CONSTRUCTED AROUND THE OUTSIDE OF THE EASEMENT(S) TO ALLOW THE DISTRICT DIRECT ACCESS FROM THE ADJACENT RIGHT-OF-WAY.

**INSTALLATION OF DOUBLE CHECK DETECTOR (1) 8"**

THE DOUBLE CHECK DETECTOR ASSEMBLIES SHALL BE INSTALLED IN ACCORDANCE WITH THE UDACS PLATE 20B.

ANY BLOCK WALL OR OTHER FENCE MATERIAL SHALL BE DESIGNED AND CONSTRUCTED AROUND THE OUTSIDE OF THE EASEMENT(S), SO AS TO ALLOW THE DISTRICT DIRECT ACCESS FROM THE ADJACENT RIGHT-OF-WAY.

**NOTE:**

SEE SHEET C3 FOR QUANTITIES AND CURB DATA TABLES. SEE SHEET C2 FOR NOTES, LEGENDS AND FIRE FLOW DATA TABLE.

**FIRE LANE NOTE:**

CURBS TO BE PAINTED RED PER CITY OF LAS VEGAS FIRE DEPARTMENT STANDARDS ARE DENOTED WITH A "PR" ON BACK OF CURB DATA TABLES ON SHEET C3.

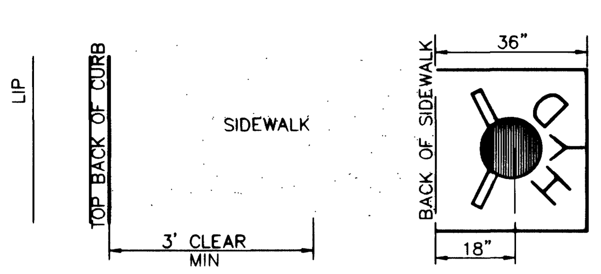
**CONSTRUCTION NOTE:**

ALL EXISTING UTILITY STRUCTURES WITHIN CONSTRUCTION AREA SHALL BE ADJUSTED TO MATCH FINISH GRADE (I.E., WV, BOX, WMH, ANNODE BOX, FH, TEL BOX, ETC)

**NOTE:**

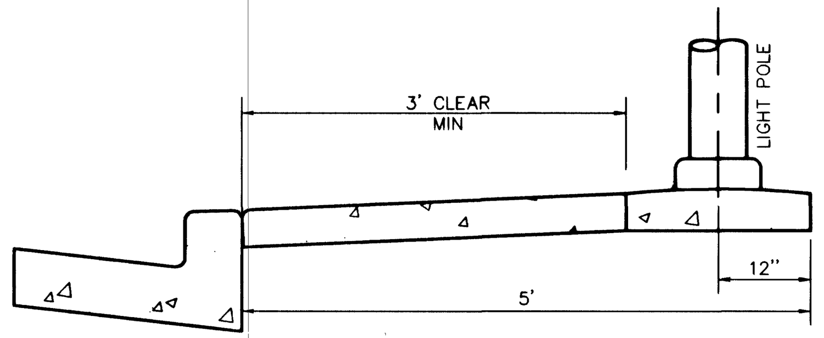
ALL DIMENSIONS TO UTILITIES ARE TO CENTERLINE OF PIPE UNLESS INDICATED OTHERWISE

CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL ALIGNMENT OF EXISTING UTILITIES AND TO NOTIFY THE DESIGN ENGINEER IMMEDIATELY ON ANY DISCREPANCIES PRIOR TO CONSTRUCTION




**FIRE HYDRANT LOCATION DETAIL**

NO SCALE




PER CLARK COUNTY DWG 318

**STREET LIGHT LOCATION**

NO SCALE

## BASIS OF BEARINGS

S87°51'38"W, BEING THE SOUTH LINE OF THE SE1/4 OF THE SE1/4 OF SECTION 3, T.21S., R.60E., M.D.M., AS SHOWN IN FILE 54, PAGE 67 OF SURVEYS ON FILE AT THE CLARK COUNTY, NEVADA RECORDER'S OFFICE.

## LEGAL DESCRIPTION

GOVERNMENT LOTS 129 AND 130 IN THE SOUTH HALF (S 1/2) OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 3, TOWNSHIP 21 SOUTH, RANGE 60 EAST, M.D.B. + M., CLARK COUNTY, NEVADA.

## BENCHMARK

CITY OF LAS VEGAS BENCHMARK # 7C10 10N4 BEING A RIVET AND PLATE ON FIRE HYDRANT BASE IN TENAYA WAY, 400 FEET SOUTH OF SAHARA AVENUE. ELEVATION 2453.80 FEET NAVD 88

**NOTICE!**

EXISTING UTILITIES ARE SHOWN ON PLANS FOR THE CONVENIENCE OF THE CONTRACTOR ONLY. THE CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES. THE ENGINEER BEARS NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR SHOWN INCORRECTLY.

AVOID CUTTING UNDERGROUND UTILITIES. IT'S COSTLY.

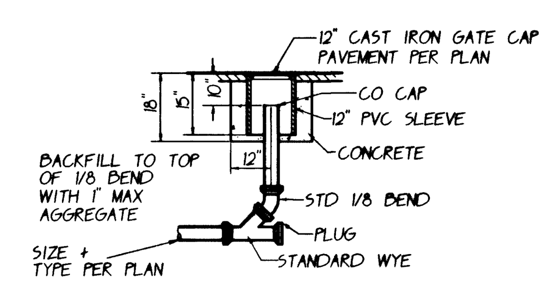
**Call BEFORE YOU Dig**

1-800-227-2600

UNDERGROUND SERVICE (USA)

**NOTE:**
**CORNERSTONE ENGINEERING INC**

ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITY LOCATIONS, SHOWN OR NOT SHOWN. THE UTILITIES SHOWN ON THIS DRAWING HAVE BEEN PLOTTED FROM RECORD INFORMATION AND ARE FOR THE CONVENIENCE OF THE CONTRACTOR ONLY. THE CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY THE LOCATIONS AND DEPTHS OF ALL RELEVANT UTILITIES PRIOR TO COMMENCING WITH CONSTRUCTION. THE CONTRACTOR IS RESPONSIBLE TO NOTIFY THE ENGINEER OF WORK, IN WRITING, OF ANY CONFLICTS OR DISCREPANCIES.




**SEWER CLEANOUT DETAIL**

NO SCALE

SEWER CLEAN OUT (CO) INSTALLED IN PAVED AREAS SHALL BE INSTALLED AS SHOWN ON THE ABOVE DETAIL

**SEWER FLOWS**

| | | |
|---|---|---|
| AVERAGE | 0.0044 MGD | 0.0068 CFS |
| PEAK | 0.0153 MGD | 0.0237 CFS |

BASED ON 0.10 GAL/SF OF BLDG PER DAY
43,700 SF BUILDING * 0.10 G/SF BLDG PER DAY = 4,370 GPD
PEAK FACTOR 3.5

APPROVED — CITY OF LAS VEGAS FIRE DEPARTMENT

BY: [signature] 11/29/01

APPROVAL OF THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR, OR AN APPROVAL OF, ANY VIOLATION OF ANY THE PROVISION OF THE STATE OR COUNTY LAWS. FIRE FLOW 2000 GPM AT 20 PSI RESIDUAL

APPROVED

LAS VEGAS VALLEY WATER DISTRICT — DATE

| REV | DATE | BY | REVISION |
|---|---|---|---|
| 1 | JAN 16, 02 | | REVISED PVT WTR FROM 1½" TO 2" |
| 2 | JUN 26, 02 | | ADDED VALVES TO FIRE LINE; ADDED MATCHLINE, CHANGED TOTAL # SHEETS TO 9 |

**FALCONI'S ACURA OF LAS VEGAS**
5550 W. SAHARA AVENUE
LAS VEGAS, NEVADA 89146
(702)367-6400 (702)367-6632 FAX


**CornerStone Engineering Inc.**
101 CONVENTION CENTER DR SUITE 880
LAS VEGAS, NV 89109
702-731-4711 FAX 702-731-4788


SHEET: HORIZONTAL CONTROL + UTILITY PLAN NORTH

TITLE: FALCONI'S ACURA WEST SAHARA CITY OF LAS VEGAS

DATE: NOV. 14, 2001

FILENAME: 288-SUN.DWG

XREF FILES: 288-MST.DWG

DRAWN BY: CC

CHECKED BY: BDR

SCALE: 1"=30' 1"=3'

PROJECT NO: 288-00

SEAL: PROFESSIONAL ENGINEER STATE OF NEVADA — BRIAN D. RIDINGER — NOV. 14-01 — CIVIL — No. 12309

SHEET C4 (rev 2) — 4 OF 9 SHEETS

DRAWING NO. 107-V3515

36467 38668 42836