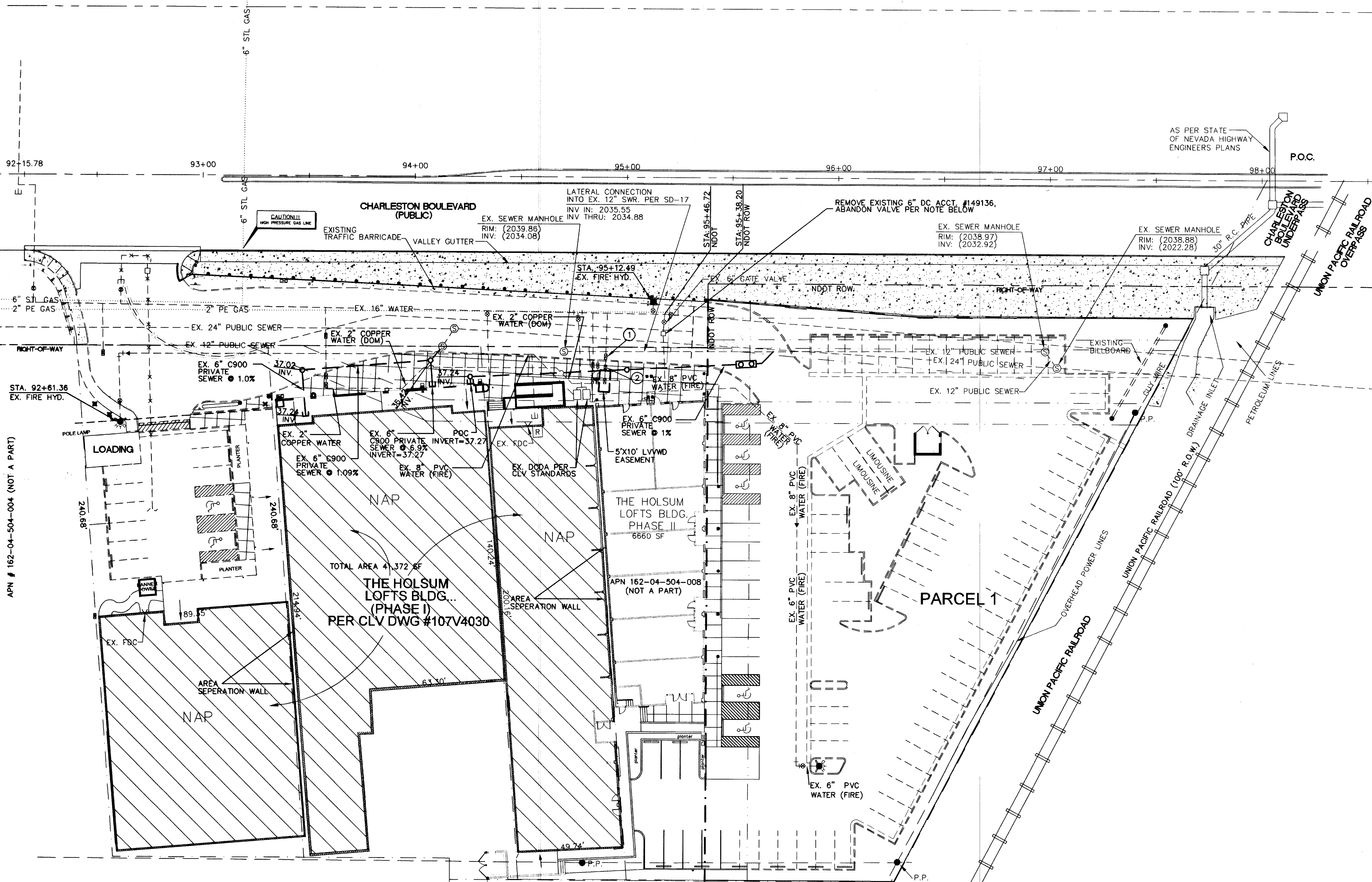




ABANDONMENT OF EXISTING SERVICE(S)-LARGER THAN 2"

ALL VALVES TO BE ABANDONED SHALL BE ABANDONED IN THE CLOSED POSITION, UNLESS SHOWN OTHERWISE, BY REMOVING A MINIMUM OF THE TOP TWENTY-FOUR (24) INCHES OF THE VALVE BOX, AND THEN FILLING THE BOTTOM OF THE BOX WITH A MINIMUM OF EIGHT (8) INCHES OF SAND OR TYPE II AGGREGATE BASE. THE REMAINING PORTION OF THE VALVE BOX SHALL BE FILLED WITH CONCRETE HAVING A COMPRESSIVE STRENGTH OF AT LEAST TWO THOUSAND (2,000) PSI. IF THE VALVE IS TO BE ABANDONED IN THE CLOSED POSITION, THE LATERAL MUST BE CUT WITHIN THREE (3) FEET OF THE ABANDONED VALVE, OR AS SHOWN ON PLANS, AND CAPPED. WHERE A JOINT OR COUPLING IN THE EXISTING PIPE IS UNCOVERED AT THE CUT AND CAP LOCATIONS, THE INSTALLATION OF A PLUG MAY BE PERMITTED WITH DISTRICT APPROVAL. THE CONTRACTOR SHALL INSTALL A CONCRETE THRUST BLOCK IN ACCORDANCE WITH THE PROVISIONS OF THE UDACS PLATE NO. 5 AT ALL CAP OR PLUG LOCATIONS. THE EXISTING METER(S) SHALL BE REMOVED AND DELIVERED TO THE DISTRICT. THE CONTRACTOR SHALL THEN REMOVE AND/OR BACKFILL THE ABANDONED VAULT WITH TYPE II MATERIAL.

BACKFLOW PREVENTION DEVICE (1) 1" RPPA

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 BACKFLOW PREVENTION DEVICE HAS BEEN SUCCESSFULLY TESTED BY THE LVWD. 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. EASEMENT SHALL BE CLEARLY MARKED OR STAKED PRIOR TO THE START OF CONSTRUCTION.

PROJECT NAME: **Holsum Lofts Phase II**
SHTS: 1, 2, 6

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.

Brian K. Bowler 8/9/04
LVWD DATE ESN.052

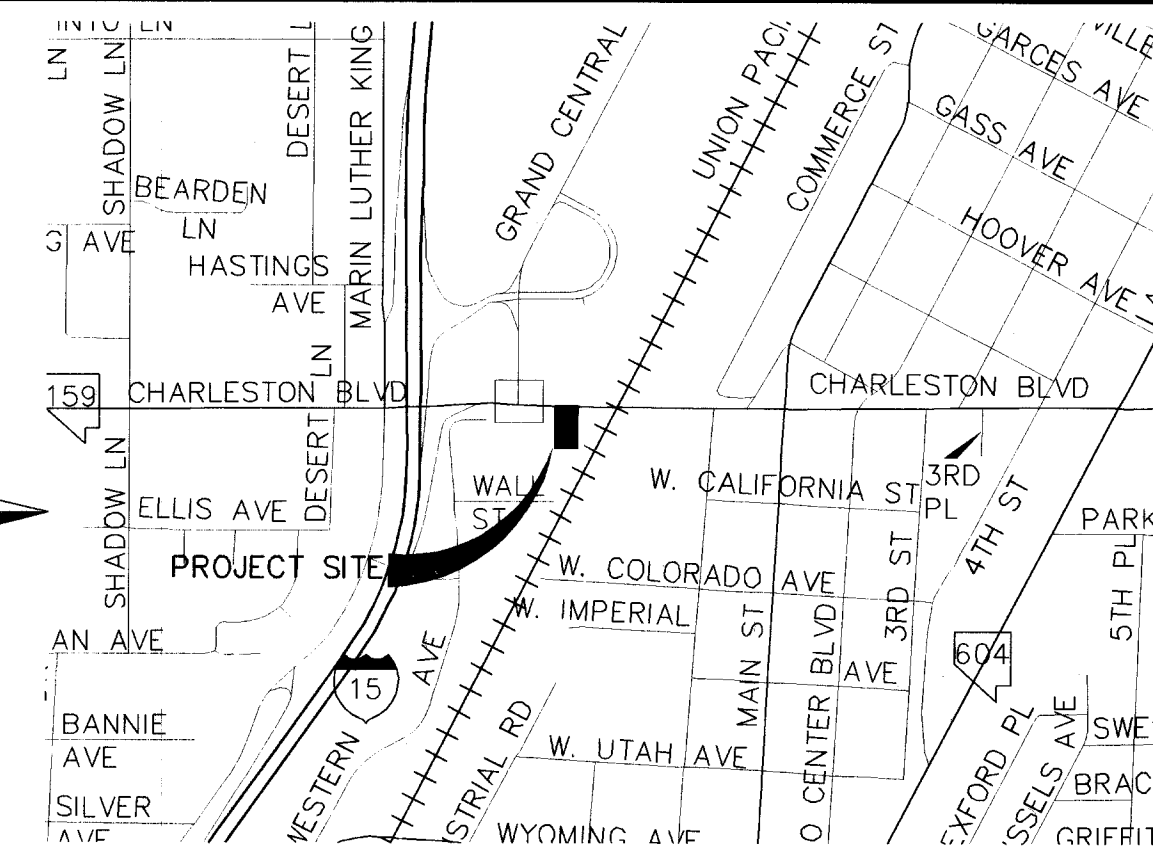
EXTEND SERVICE LATERALS 2" AND SMALLER

WATER METERS IN FINISHED ROADWAYS SHALL BE RELOCATED TO BACK OF CURB, AND SHALL BE INSTALLED PER THE UDACS PLATE NO. 10. ALL SERVICE LATERALS 2" AND SMALLER MAY BE EXTENDED, PROVIDED THE FOLLOWING CRITERIA ARE MET:

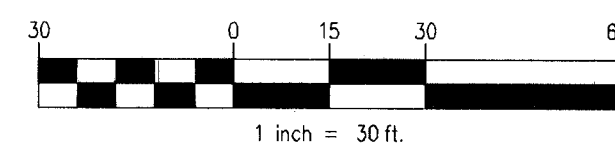
- LATERAL CAN ONLY BE EXTENDED IF CONNECTING TO COPPER.
- LATERAL MUST BE INSTALLED AT 90 DEGREES TO THE MAIN.
- AN EXISTING SERVICE LATERAL THAT IS NOT COPPER IS TO BE ABANDONED FROM THE EXISTING WATER MAIN, AND REPLACED WITH A COPPER SERVICE LATERAL PER UDACS PLATE NO. 1B OR 1D. IF THE CORPORATION STOP IS DAMAGED BEYOND REPAIR OR PULLED FROM THE EXISTING WATER MAIN, THE MAIN SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE, IN A MANNER APPROVED BY THE LVWD. IF THE CORPORATION STOP IS NOT WATER TIGHT, THE CONTRACTOR SHALL NOTIFY LVWD COMMUNICATION SUPPORT CENTER (702-258-7171) FOR FURTHER DIRECTION.

APPROVAL OF THESE PLANS SHALL NOT BE CONSTRUED TO BE A PERMIT FOR, OR AN APPROVAL OF, ANY VIOLATION OF ANY OF THE PROVISIONS OF THE STATE OR COUNTY LAWS. FIRE FLOW: 1500 GPM AT 20 P.S.I. RESIDUAL.

LAS VEGAS VALLEY WATER DISTRICT APPROVAL (SHEETS 1, 2 & 6) DATE
PROJECT #29514 H-106631



VICINITY MAP



LEGEND

- PROPERTY LINE
- CENTERLINE
- RIGHT-OF-WAY LINE
- ADJACENT LOT LINE
- EXISTING EDGE OF A.C. PAVEMENT
- CONTOUR (5' INTERVAL)
- CONTOUR (1' INTERVAL)
- EXISTING SEWER LINE
- PROPOSED SEWER LINE
- PROPOSED SEWER CLEANOUT
- EXISTING WATER LINE
- PROPOSED WATER LINE
- PROPOSED GATE VALVE
- EXISTING FIRE HYDRANT

LEGAL DESCRIPTION

THAT PORTION OF THE NORTHEAST QUARTER (NE 1/4) OF SECTION 4, TOWNSHIP 21 SOUTH, RANGE 61 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE NORTHEAST CORNER OF SAID SECTION 4, SAME POINT BEING THE INTERSECTION OF THE CENTERLINE OF COMMERCE STREET AND THE CENTERLINE OF CHARLESTON BOULEVARD; THENCE NORTH 89°52'30" WEST, 523.37 FEET ALONG SAID CENTERLINE OF CHARLESTON BOULEVARD; THENCE DEPARTING SAID CENTERLINE, SOUTH 27°55'00" WEST, 373.03 FEET; THENCE NORTH 89°52'30" WEST, 89.51 FEET TO THE POINT OF BEGINNING; THENCE CONTINUING SOUTH 89°52'30" WEST, 37.09 FEET; THENCE NORTH 04°12'00" WEST, 250.71 FEET; THENCE SOUTH 89°52'30" EAST, 56.00 FEET; THENCE SOUTH 00°07'30" WEST, 272.52 FEET TO THE POINT OF BEGINNING.

CONTAINING: 11,637 SQUARE FEET (0.27 ACRES) MORE OR LESS.

BASIS OF BEARING

NORTH 89°52'30" WEST
BEING THE NORTH LINE OF THE NORTHEAST QUARTER OF THE NORTHEAST CORNER OF SECTION 04, TOWNSHIP 21 SOUTH, RANGE 61 EAST, M.D.M.; ALSO BEING THE CENTERLINE OF CHARLESTON BOULEVARD AS INDICATED IN FILE 79, PAGE 62, OF SURVEYS, CLARK COUNTY OFFICIAL RECORDS.

BENCHMARK

PROJECT VERTICAL DATUM: NAVD88
CLARK COUNTY B.M. 8C01
33SSE6
1998 (REVISED 2003)

RIVET AND ROUND ALUMINUM PLATE IN TOP OF CURB, NORTHWEST CORNER OF CHARLESTON BLVD. AND GRAND CENTRAL PKWY. NEAR THE PC OF CHARLESTON BLVD.

ELEVATION = 621.954 METERS
(2040.527 U.S. SURVEY FEET) NAVD 88 (REVISED 2003)

METERS X $\left(\frac{3937}{1200} \right)$ = U.S. SURVEY FEET

1. THE ELEVATIONS SHOWN HEREON ARE BASED ON FEET.

NOTES:

1. ALL CURB DATA IS BASED OFF THE BACK-OF-CURB UNLESS OTHERWISE SPECIFIED.
2. USE 3/4" METER BOX BY ARMORCAST PRODUCTS BOX DWG. #P600048ST, LID DWG. #A6000484T.
3. ALL EXISTING BELOW GRADE VAULTS AND RIMS ARE TO BE ADJUSTED TO GRADES.

CLV FIRE FLOW DATA

FIRE FLOW REQUIREMENT IS 1500 GALLONS PER MINUTE AT 20 POUNDS PER SQUARE INCH RESIDUAL BASED ON:

LARGEST SQUARE FOOTAGE: 48,311 SF

LARGEST AREA BETWEEN 4-HOUR AREA SEPARATION WALLS: SEPARATION WALLS INDICATED ON PLANS 48,311 SF

TYPE OF CONSTRUCTION: TYPE V-N

OCCUPANCY: COMMERCIAL

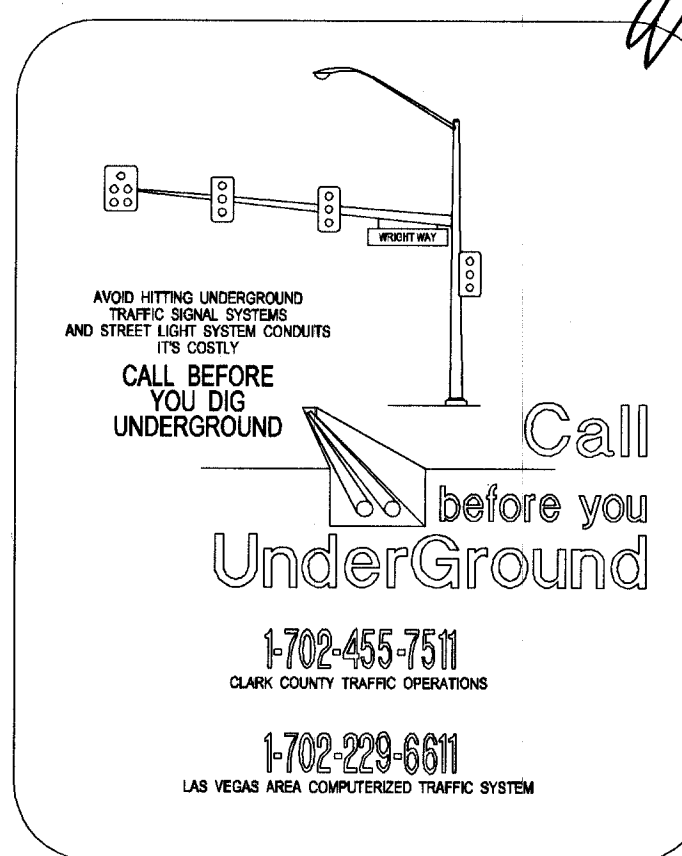
FULL AUTOMATIC FIRE SPRINKLER SYSTEM: YES

HEIGHT: 1 STORY (20' - 8")

HILE PILED COMBUSTIBLE STORAGE: NO

CITY OF LAS VEGAS FIRE DEPARTMENT APPROVED

[Signature] 8.9.04
DATE



* AVOID CUTTING UNDERGROUND UTILITY LINES. IT'S COSTLY.
Call before you Dig.
1-800-227-2600
UNDERGROUND SERVICE ALERT (USA)
* SEE "TRAFFIC AND ELECTRICAL NOTES" SHEET C-1, ITEM 10 "CLARK COUNTY IS NOT A MEMBER OF CALL BEFORE YOU DIG."

DISCLAIMER NOTE

EXISTING UTILITY LOCATIONS SHOWN HEREIN ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT VERTICAL AND HORIZONTAL LOCATION OF ALL EXISTING UNDERGROUND UTILITIES PRIOR TO COMMENCING CONSTRUCTION. NO REPRESENTATION IS MADE THAT ALL EXISTING UTILITIES ARE SHOWN HEREON. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR UTILITIES NOT SHOWN IN THEIR PROPER LOCATION. ALL DISCREPANCIES MUST BE IMMEDIATELY REPORTED TO THE ENGINEER. CALL BEFORE YOU DIG: 1-800-227-2600.

DRAWN BY: BSL		DESIGNED BY: RKF		CHECKED BY: JSM		PROJECT NO: CN2320801	
DATE: 05/05/04		DATE: 05/05/04		DATE: 05/05/04		SCALE: 1"=30'	
SHEET 6 OF 7 SHEETS				DRAWING NO. 107V4030-2			

UTILITY PLAN

HOLSUM LOFTS PHASE II (CLASSIC LIGHTING)

LAPOUR PARTNERS, LLC

5525 S. DECATUR, SUITE 101
LAS VEGAS, NEVADA 89118
TEL (702) 222-3022

WRIGHT CIVIL ENGINEERS, INC

2285 PARK DRIVE, SUITE 100
LAS VEGAS, NEVADA 89128
TEL (702) 933-7000 FAX (702) 933-7001