

BASIS OF BEARINGS

SOUTH 88°20'28" EAST BEING THE SOUTH LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF THE SOUTHWEST QUARTER (SW 1/4) OF SECTION 4, TOWNSHIP 21 SOUTH, RANGE 60 EAST, M.D.M., CLARK COUNTY, NEVADA, AS SHOWN IN BOOK 82 OF PLATS, PAGE 32, IN THE OFFICE OF THE CLARK COUNTY, NEVADA RECORDER.

BENCHMARK

CITY OF LAS VEGAS BENCHMARK NO. 11V10 45SW6 RIVET & PLATE IN THE TOP OF CURB 8260 W. SAHARA AVE. IN THE NORTH CURB LINE. (NE CORNER OF SAHARA & TONSIK)

OLD BENCHMARK ELEVATION = 795.8136 METERS (2610.93 U.S. SURVEY FEET) NAVD83 DATUM

NEW BENCHMARK ELEVATION = 795.8314 METERS (2610.99 U.S. SURVEY FEET) NAVD83 DATUM

METERS X (3937 / 1200) = U.S. SURVEY FEET

1. THE ELEVATIONS SHOWN HEREON ARE BASED ON FEET.

CLV FIRE FLOW DATA

FIRE FLOW REQUIREMENT IS 2125 GALLONS PER MINUTE AT 20 POUNDS PER SQUARE INCH RESIDUAL BASED ON:

LARGEST SQUARE FOOTAGE: 25,812 SF

LARGEST AREA BETWEEN 4-HOUR AREA SEPARATION: 25,812 SF

WALLS: (NO AREA SEPARATION WALLS)

TYPE OF CONSTRUCTION: TYPE V-ONE HOUR

OCCUPANCY: OFFICE

FULL AUTOMATIC FIRE SPRINKLER SYSTEM: YES

ALL BUILDINGS

CITY OF LAS VEGAS FIRE DEPARTMENT APPROVED

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: 2125 GPM AT 20 P.S.I. RESIDUAL

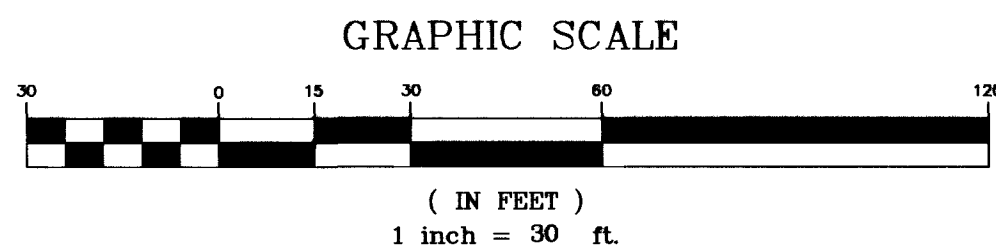
U.S.A. - SEE ORIGINAL PLAN APPROVAL B.22-03 DATE LAS VEGAS VALLEY WATER DISTRICT APPROVAL

CUT AND CAP (STA 4+79.69 TONSIK)

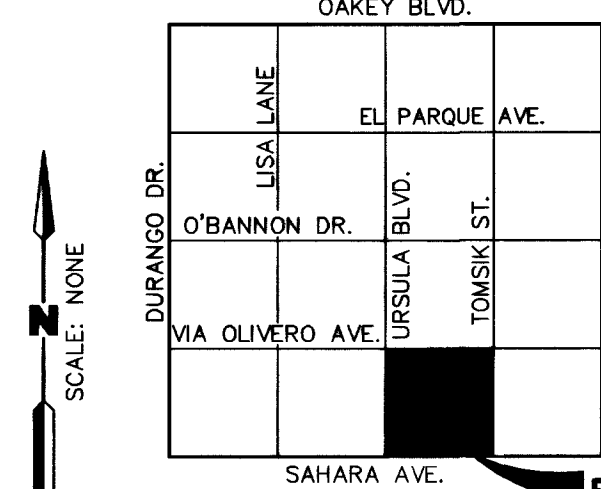
THE CONTRACTOR SHALL CUT THE EXISTING PIPE WITHIN 3' OF THE TEE AS SHOWN ON THE PLANS AND INSTALL A CAP. WHERE A JOINT OR COUPLING IN THE EXISTING PIPE IS UNCOVERED AT THE CUT AND CAP LOCATION, THE INSTALLATION OF A PLUG MAY BE PERMITTED WITH DISTRICT APPROVAL. THE CONTRACTOR SHALL INSTALL A CONCRETE THRUST BLOCK IN ACCORDANCE WITH THE PROVISIONS OF THE UDACS PLATE NO. 5 AT ALL CAP OR PLUG LOCATIONS.

NOTE: INSTALL PIPELINE MARKER BALLS IN TRENCH ABOVE EACH HORIZONTAL ELBOW FITTING, PER MANUFACTURER INSTRUCTIONS.

NOTE: DISPOSAL OF ASBESTOS CEMENT PIPE SHALL BE IN ACCORDANCE WITH AWWA, LOCAL, STATE, AND FEDERAL REGULATIONS.



SCALE: 1"=30'



VICINITY MAP

NOTE: FOR ALL CLEANOUTS IN PAVED AREAS, SEE THE DETAIL ON SHEET D1 FOR CONCRETE COLLAR, TRAFFIC BEARING LID, AND VALVE BOX.

NOTE: 6" AND 2" WATER LATERALS TO BE PLACED IN A JOINT TRENCH.

LEGEND

- PROPERTY LINE
- STREET CENTER LINE
- EXISTING BUILDING
- EXISTING CURB
- PROPOSED CURB
- EXISTING EDGE OF A.C. PAVEMENT
- PROPOSED SEWER LINE
- PROPOSED WATER LINE
- PROPOSED SEWER CLEAN OUT
- PROPOSED SEWER MANHOLE
- EXISTING SEWER MANHOLE
- PROPOSED FIRE HYDRANT
- EXISTING FIRE HYDRANT
- PROPOSED GATE VALVE
- EXISTING GATE VALVE
- EXISTING WATER LINE
- EXISTING SEWER LINE
- 6" SEWER LATERAL W/ WYE
- EXISTING STREET LIGHT(PUBLIC)
- PROPOSED STREET LIGHT(PUBLIC)
- PROPOSED ON-SITE STREET LIGHT
- CONSTRUCTION NOTE
- WATER OR SEWER CAP
- PAINT CURB RED WITH "FIRE LANE - NO PARKING" AND TYPE I SIGN
- PULL BOX
- TRANSFORMER
- ABANDONED WATER LINES

CONSTRUCTION NOTES

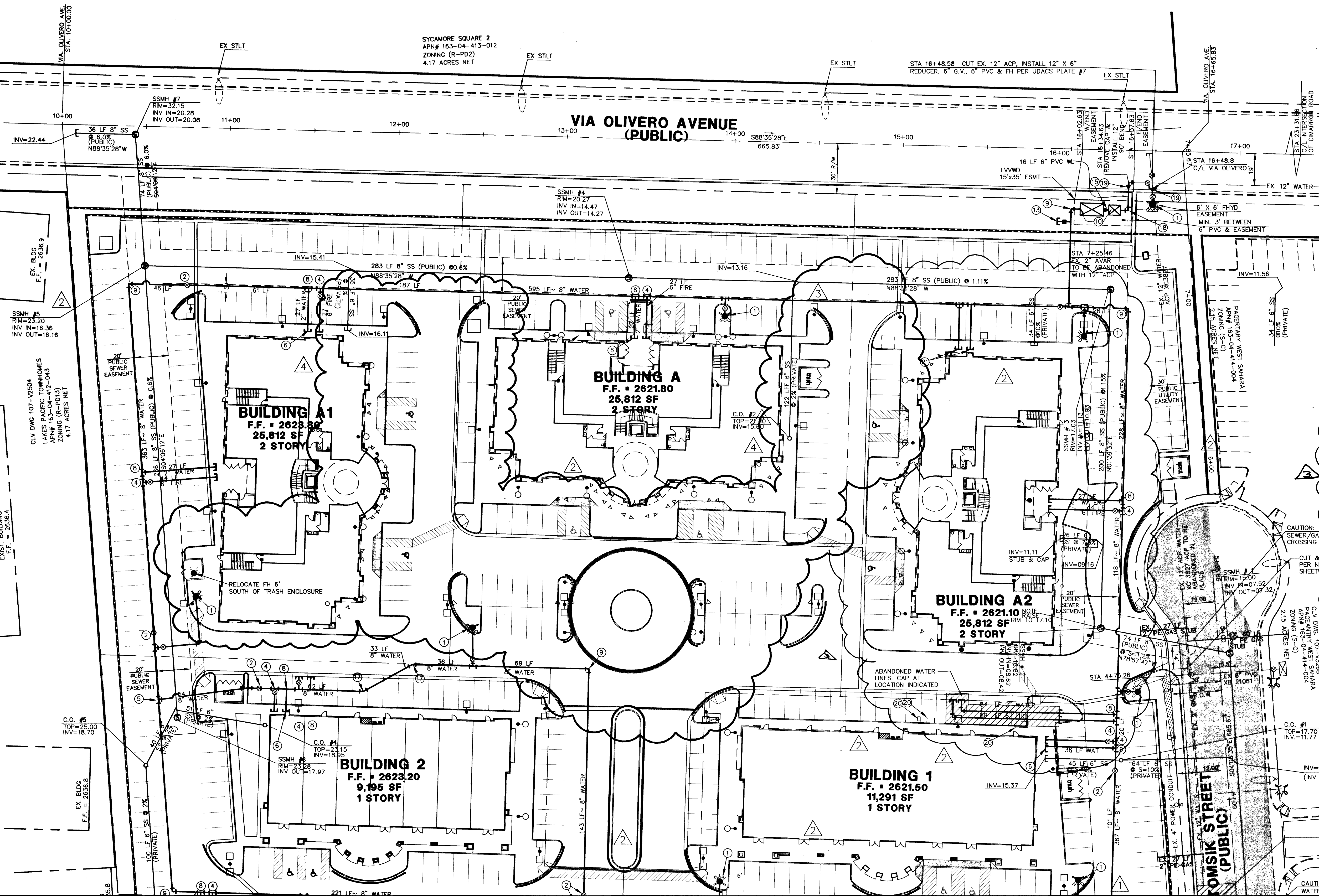
- INSTALL FIRE HYDRANT AND APPURTENANCES PER UDACS PLATE #7
- INSTALL 8" GATE VALVE PER UDACS PLATE #3 & #8
- INSTALL 8" 45° ELBOW
- INSTALL 8"x8"x6" TEE PER UDACS PLATE #5 AND 6" GATE VALVE PER UDACS PLATE #3 & 8
- INSTALL 8"x8"x6" TEE PER UDACS PLATE #5
- INSTALL 2" PRIVATE WATER METER
- INSTALL 6" PVC WATER LINE
- INSTALL 2" POTABLE WATER LATERAL WITH SHUT OFF VALVE.
- INSTALL 8" 90° ELBOW PER UDACS PLATE #5
- INSTALL 6"x2" FSW METER AND 8" FEBCO 890V RPPA PER FSW DETAIL & UDACS PLATE C-475 & #11B & DETAIL
- INSTALL 48" SEWER MAHOLE PER CCSD DWG #SD-1
- REMOVE CAP, INSTALL 8" X 6" REDUCER, EXTEND 6" WATER LATERAL
- INSTALL 2" LATERAL W/ ANTISIPHON VALVE AND PRIVATE METER FOR IRRIGATION SERVICE.
- INSTALL 12"x 8" WET TAP WITH 8" TAPPING VALVE
- INSTALL 6"x8" REDUCER
- NOTE NOT USED
- INSTALL 8" 30° ELBOW
- INSTALL 6" 90° ELBOW PER UDACS PLATE #5
- INSTALL 12" X 6" REDUCER
- REMOVE & RELOCATE EXISTING PULL BOX, CATV BOX, ETC.
- CAP AND ABANDON EXISTING WATER LINE

Call before you Dig. 1-800-227-2600

Call before you OVERHEAD 1-702-593-6111

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 2ND RELOT



MATCHLINE -- SEE SHEET U1

GREAT AMERICAN CAPITAL 8857 WEST SAHARA AVE. #201 LAS VEGAS, NEVADA 89117 (702)233-5751 FAX (702)360-5594		WRIGHT CIVIL ENGINEERS, INC. 7310 SMOKE RANCH ROAD, SUITE P LAS VEGAS, NEVADA 89128 TEL (702) 233-6400 FAX (702) 233-1164	
UTILITY PLAN 2 (NORTH)		GREAT AMERICAN PLAZA	
DRAWN BY: C.B.	DESIGNED BY: JEP	CHECKED BY: SFC	PROJECT NO: CNY210301
DATE: 09-26-02	DATE: 09-26-02	DATE: 09-26-02	SCALE: 1"=30'
SHEET 12 OF 15 SHEETS		DRAWING NO. 07Y4745	