

AVOID CUTTING UNDERGROUND UTILITY LINES. IT'S COSTLY.

Call before you Dig.

1-800-227-2600

(48 hrs. Advance Notice Required)

AVOID OVERHEAD POWER LINE CONTACT. IT'S COSTLY.

Call before you OVERHEAD

1-702-227-2929

NEVADA POWER ENVIRONMENT AND SAFETY SERVICES DEPARTMENT

AVOID HITTING UNDERGROUND TRAFFIC SIGNAL SYSTEMS AND STREET LIGHT SYSTEM CONDUITS IT'S COSTLY.

Call before you UNDERGROUND

1-702-455-7511

CLARK COUNTY TRAFFIC OPERATIONS AND LAS VEGAS AREA COMPUTERIZED TRAFFIC SYSTEM

WATER/SEWER CROSSING NOTE

ALL SEWER/STORM DRAINS CROSSING A WATER LINES MUST CONFORM TO SECTION 2.19 OF THE UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR POTABLE WATER SYSTEMS (UDACS) FOR WATER AND STORM DRAIN CROSSINGS AND CLEARANCES.

WATER AND SEWER SERVICE LATERALS SHALL BE INSTALLED A MINIMUM OF FORTY-EIGHT (48) INCHES APART IN SEPARATE TRENCHES. WATER LATERALS SHALL BE A MINIMUM OF TWELVE (12) INCHES ABOVE THE SEWER LATERAL (REF. UNIFORM PLUMBING CODE)

FIRE DEPT FIRE FLOW CALCULATIONS

FIRE FLOW REQUIREMENT IS: 1,500 GPM
AT 20 PSI RESIDUAL PRESSURE
BASED ON SQUARE FOOTAGE: 7,700 SQ. FT.
LARGEST AREA BETWEEN 4-HOUR AREA SEPARATION WALLS: 7,907 SQ. FT.
BUILDING HEIGHT: 23 FEET
NUMBER OF STORIES: 1
TYPE OF CONSTRUCTION: V-B
OCCUPANCY: RESIDENCE
FULL AUTOMATIC FIRE SPRINKLER SYSTEM: YES

WATER CONSTRUCTION NOTES

- 1. INSTALL 2" PVC (C900) WATER LINE 235 LF
- 2. INSTALL 1" RPPA PER UDACS STD PLT 11A 1 EA
- 3. INSTALL 1-INCH METER PER UDACS STD PLT 1D AND 1-INCH "TYPE K" COPPER WATER LINE AND SERVICE SADDLE 1 EA
- 4. REFER TO WATER/SEWER CROSSING NOTE THIS SHEET

SEWER CONSTRUCTION NOTES

- 1. INSTALL 4" SEWER LATERAL PER DACSWCS STD DWG SD-17 (2% MIN) 46 LF
- 2. INSTALL 8"x4" WYE CONNECTOR 1 EA
- 3. INSTALL 4-INCH SEWER CLEANOUT PER DETAIL THIS SHEET 1 EA
- 4. TRENCH AND BACKFILL (UNPAVED AREA) PER USDOCA STD DWG #502
- 5. TRENCH AND BACKFILL (PAVED AREA) PER USDOCA STD DWG #504.1

NOTE:
SEWER LENGTHS DO NOT INCLUDE THE INSIDE DIAMETER OF THE MANHOLES.

CONSTRUCTION NOTES

- 1. CONSTRUCT DECORATIVE FENCE. REFER TO DETAIL SHEET AND ARCHITECTURAL PLANS.
- 2. PROVIDE SINGLE FULLY OPEN DECO BLOCK FOR DRAINAGE
- 3. OFFSITE IMPROVEMENTS DEFERRED. ROUGH GRADING FOR POSITIVE DRAINAGE
- 4. CONSTRUCT 48"x16" BLOCK WALL OPENING PER DETAIL SHEET
- 5. PROVIDE FILL MATERIAL WITHIN EXISTING TRENCH ALONG BOTH THE NORTHERLY AND EASTERLY BOUNDARY THAT WERE PROVIDED AS A DUST CONTROL MEASURE TO PREVENT UNAUTHORIZED ACCESS TO OFF ROAD RECREATIONAL VEHICLES AS A DUST CONTROL MEASURE AND NOT TO MITIGATE ANY DRAINAGE CONDITION.
- 6. EMERGENCY ESCAPE LADDER (REFER TO SECTION E ON DETAIL SHEET)
- 7. CONSTRUCT 5.5 FT RETAINING WALL (REFER TO SECTION E ON DETAIL SHEET)
- 8. INSTALL TRENCH DRAIN PER ARCHITECTURAL PLANS
- 9. CONSTRUCT PAVED ACCESS. 3" AC OVER 12" TYPE II
- 10. CONSTRUCT 50 LF OF 4 FT BLOCK WALL. THE BOTTOM 2 FT TO BE SOLID CMU SCREEN WALL. THE TOP 2 FT TO BE X-BLOCK CMU SCREEN WALL OR EQUIVALENT WROUGHT IRON OR OTHER SELECT MATERIAL CONSIDERED TO BE 50% OPEN IN NATURE. REFER TO ARCHITECTURAL PLANS.

HAMILTON CIVIL ENGINEERS

UTILITY NOTE

HAMILTON CIVIL ENGINEERS ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITY LOCATIONS. THE UTILITIES SHOWN ON THIS DRAWING HAVE BEEN PLOTTED FROM THE BEST AVAILABLE INFORMATION. IT IS, HOWEVER, THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION OF ALL UTILITIES PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION.

THE CONTRACTOR IS TO FIELD VERIFY ALL EXISTING SITE CONDITIONS PRIOR TO CONSTRUCTION. IF A CONFLICT EXISTS BETWEEN WHAT IS SHOWN ON THIS DRAWING AND WHAT EXISTS IN THE FIELD, THE CONTRACTOR IS TO NOTIFY THE ENGINEER IMMEDIATELY.

CAUTION TO CONTRACTOR

THE CONTRACTOR SHALL BE RESPONSIBLE TO INVESTIGATE AND VERIFY THE ACTUAL LOCATION AND DEPTH OF ALL EXISTING UNDERGROUND FACILITIES AT LEAST 48 HOURS IN ADVANCE OF THE PERFORMANCE OF ANY WORK.

FISHER AVENUE

MAVERICK ST

WASHBURN ROAD

VICINITY MAP (NTS)

SE4, NE4, SEC. 35, T19S, R60E, M.D.M

SITE

APN 125-35-605-021

NORTH

JOENS BLVD.

BENCHMARK
CITY OF LAS VEGAS BENCHMARK BLV90 35E6 --- RIVET AND ROUND ALUMINUM PLATE IN THE TOP OF CURB, SOUTHWEST CORNER OF WASHBURN RD. AND MAVERICK ST. NEAR THE PT OF MAVERICK ST.
NAVD 88 ELEV.=700.768(M)=2299.10(FT)

BASIS OF BEARING
NORTH 82°02'26" WEST BEING THE CENTER LINE OF FISHER AVENUE WHICH LIES WITHIN THE SOUTHEAST (SE 1/4) OF THE SOUTHEAST QUARTER (SE 1/4) OF THE NORTHEAST QUARTER (NE 1/4) OF SECTION 35, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CLARK COUNTY, NEVADA AS SHOWN ON FILE 94 PAGE 84 OF RECORD OF SURVEYS, OFFICIAL RECORDS, CLARK COUNTY, NEVADA.

FLOOD ZONE
FIRM PANEL NO. 32003C1765 E, ZONE "X", EFFECTIVE SEPTEMBER 27, 2002

LEGAL DESCRIPTION
THAT PORTION OF THE SOUTHEAST QUARTER (SE 1/4) OF THE NORTHEAST QUARTER (NE 1/4) OF SECTION 35, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.B.6M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA, DESCRIBED AS LOTS ONE(1) AND TWO(2), AS SHOWN BY MAP THEREOF ON FILE IN FILE 23 OF PARCEL MAPS, PAGE 100, IN THE OFFICE OF THE COUNTY RECORDER OF CLARK COUNTY, NEVADA.
APN 125-35-605-021

LEGEND

--- EOP

--- CL

--- PL

--- R/W

--- EXISTING CURB & GUTTER, SIDEWALK

--- BSL

--- EX. CHAIN LINK FENCE

--- EX. WALL

--- PROPOSED WALL

--- ASPHALT SAWCUT LINE

--- EXISTING GRADE

--- PROPOSED GRADE

--- TRENCH AND BACKFILL (UNPAVED AREAS)

--- EXISTING CONTOUR LINES

--- FINISH CONTOUR LINES

AC

APN

BC

BFE

BOB

CATV

CB

CONC

DACSWS

DW

EB

EG

ELEC

EM

EP

ER

EX

FF

FG

FL

FNCE

FO

FS

GB

GW

HP

HYD

ICV

INV

LF

LP

MAX

MIN

NG

POC

NPC

PP

PROTNK

PVC

RAC

RET

RPC

SL

SNWA

SP

SSCO

SSMH

STA

SVRZ

SWR

TB

TBC/TC

TBSW

TELE

TF

TMH

TOE

TOP

TR

TW

TV

UDACS

UGE

USDOCA

VG

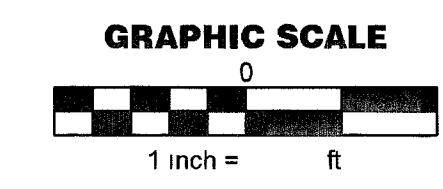
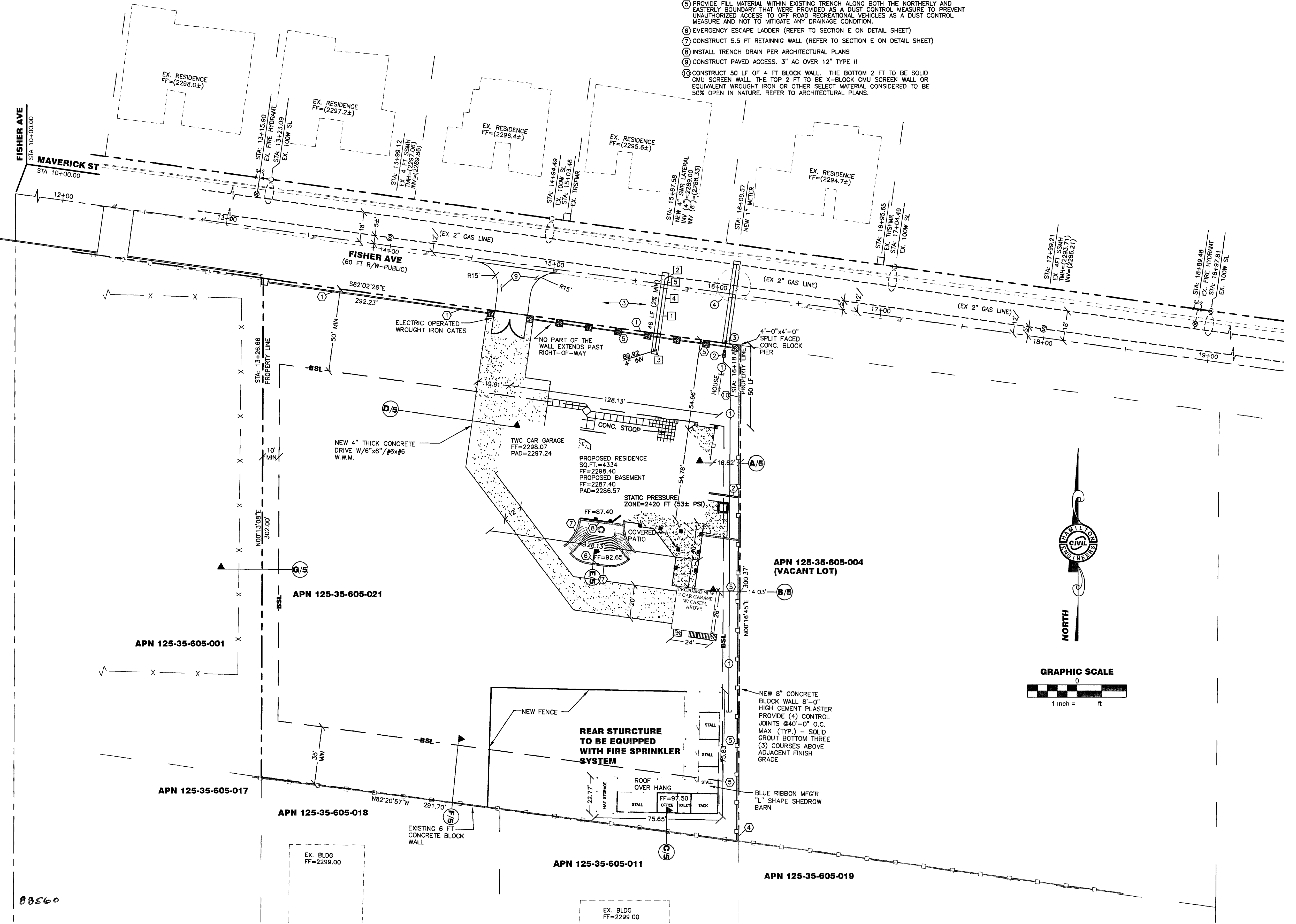
WC

WT

WTR

WW

WATER VALVE



APPROVED FOR CONSTRUCTION

NOT APPLICABLE. 1-INCH METER INSTALLATION TO BE PERFORMED BY THE LVVWD - NOT CONTRACTOR.

BY: _____ DATE: _____

LAS VEGAS VALLEY WATER DISTRICT

CITY OF LAS VEGAS FIRE DEPARTMENT APPROVAL

BY: _____ DATE: 1/30/06

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 1,500 GPM AT 20 PSI RESIDUAL.

CLIENT CONTACT:

DR. RICHARD SHEHANE

8225 FISHER AVENUE

LAS VEGAS, NV 89130

PH: (702) 373-1655

FAX: (702) 263-5190

HAMILTON CIVIL ENGINEERS

3945 Pebble Creek Avenue

Las Vegas, Nevada 89147

John@HamiltonCivilEngineers.com

Ph: (702) 580-3658

Fax: (702) 247-4507

Utility Plan

NAME OF PROJECT:

Dr. Richard Shehane - Single Family Residence (APN 125-35-605-021)

GOVERNING ENTITY:

ASSESSOR PARCEL NUMBER:

CITY OF LAS VEGAS, NEVADA

125-35-605-021

1"=30'

HAMILTON CIVIL ENGINEERS:

HCE 05-500-004

ENGINEER'S SEAL

JOHN R. HAMILTON

Exp: 06/30/2007

CIVIL

No. 015732

1/22/06

SHEET ID

C4

4 OF 5 SHEETS

GOVERNING ENTITY REF NO.:

107V4570