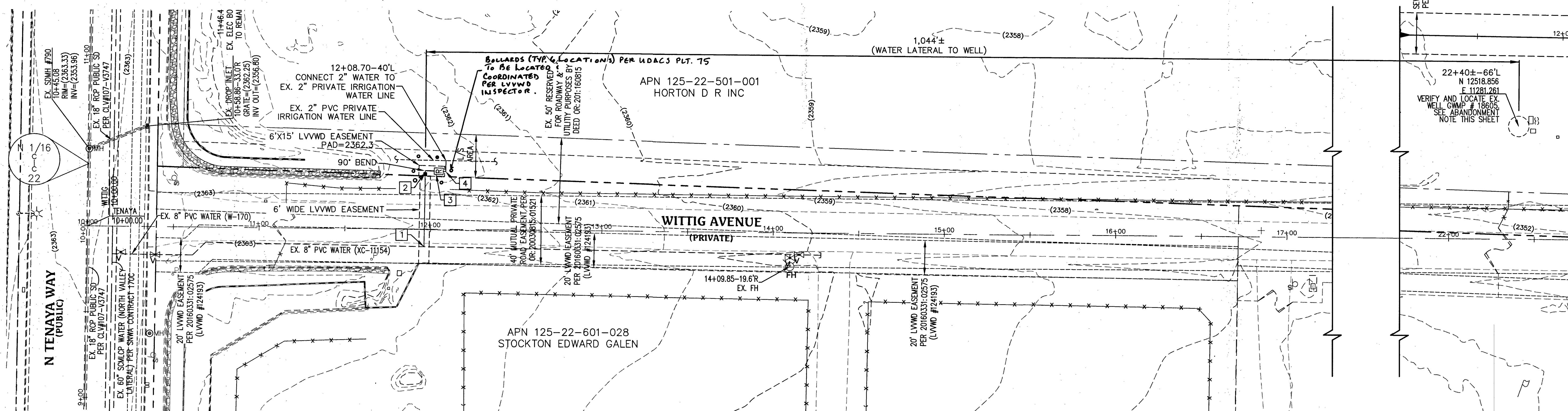


WITTIG AVENUE IRRIGATION METER



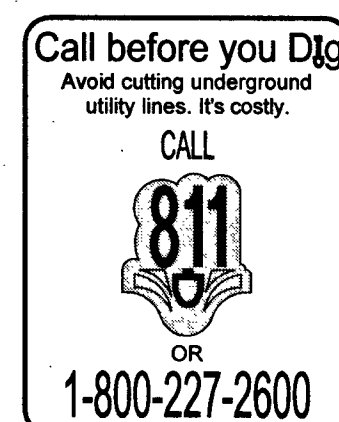
**LAS VEGAS VALLEY WATER DISTRICT
(LVVWD) STANDARD NOTES**

- LVVMD PROJECT # 125641**
1. NO WORK SHALL BEGIN UNTIL THE WATER PLANS HAVE BEEN APPROVED FOR CONSTRUCTION BY THE LVVMD. FOLLOWING WATER PLAN APPROVAL, NOTICE SHALL BE GIVEN TO THE LVVMD COMMUNICATION SUPPORT CENTER (288-7171) TWO (2) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION. FOR FUTURE INSPECTIONS, NOTICE MUST BE GIVEN BY 2:00 P.M. THE BUSINESS DAY PRIOR TO THE REQUESTED LVVMD INSPECTION. WHEN REQUESTING INSPECTIONS, PLEASE REFER TO THE PROJECT # IDENTIFIED ABOVE.
 2. ALL WORK SHALL CONFORM TO LVVMD STANDARD PLATES, DRAWINGS, AND SPECIFICATIONS, AND TO THE 2010 EDITION OF THE UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR POTABLE WATER SYSTEMS (UDACS). THE LATEST EDITION OF UDACS SHALL SUPERSEDE ANY CONFLICTS CONTAINED IN THE APPROVED DRAWINGS AND/OR SPECIFICATIONS.
 3. ALL WORK, EXCEPT AS MODIFIED BY THESE PLANS OR BY NOTE 2 ABOVE, SHALL BE DONE IN ACCORDANCE WITH THE MOST RECENT DRAFT OR EDITION OF THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFFICE IMPROVEMENT, CLARK COUNTY AREA.
 4. A SINGLE PIPE MATERIAL SHALL BE USED THROUGHOUT THE PROJECT UNLESS OTHERWISE APPROVED BY THE LVVMD.
 5. ALL SERVICE LATERALS TWO (2) INCHES IN DIAMETER AND SMALLER SHALL BE TYPE K COPPER TUBING WITH LVVMD APPROVED SERVICE SADDLES.
 6. ALL WATER METER BOXES SHALL BE LOCATED OUTSIDE OF DRIVEWAY AREAS.
 7. ALL VALVES SHALL BE LOCATED OUTSIDE OF DRIVEWAYS, VALLEY AND CURB GUTTERS.
 8. ALL WATER AND STORM DRAIN OR SANITARY SEWER CROSSINGS SHALL CONFORM TO SECTION 2.22 OF THE 2010 EDITION OF THE UDACS.
 9. ALL WATER FACILITIES SHALL BE FILLED, DISINFECTED, PRESSURE TESTED, FLUSHED, FILLED, AND AN ACCEPTABLE WATER SAMPLE OBTAINED, PRIOR TO CONNECTION TO THE LVVMD DISTRIBUTION SYSTEM.
 10. THE CONTRACTOR MUST OBTAIN ALL METERS TWO (2) INCHES AND SMALLER FROM LVVMD CENTRAL STORES. TELEPHONE 258-3152 OR 258-3802, TWO (2) WORKING DAYS PRIOR TO METER PICKUP.
 11. ANY INTERRUPTION OF SERVICE MUST BE PERFORMED IN ACCORDANCE WITH UDACS SECTION 3.14.01, AND APPROVED BY THE LVVMD INSPECTION DIVISION PRIOR TO SHUTDOWN. PROPER WRITTEN NOTIFICATION MUST BE GIVEN TO ALL AFFECTED CUSTOMERS.
 12. ALL WATER FACILITY CONSTRUCTION MATERIALS USED MUST BE AS LISTED ON THE LVVMD PRE-APPROVED MATERIALS AND MANUFACTURER'S LISTING FOR NEW FACILITIES, LATEST REVISION, OR SPECIFICALLY APPROVED ON THESE PLANS.
 13. TELEPHONE "CALL BEFORE YOU DIG" AT "811" OR 1-800-227-2600.
 14. THE INSTALLATION OF LAS VEGAS VALLEY WATER DISTRICT (LVVWD) MUNICIPAL WATER FACILITIES WITHIN A PUBLIC RIGHT-OF-WAY SHALL BE ASSURED WITH THE UNIFORM STANDARDS, INCLUDING THE PLACEMENT OF ASPHALT PAVING STREET SURFACES. ANY REPAIR WORK DONE BY THE LVVMD TO THE MUNICIPAL WATER FACILITIES WILL INCLUDE THE PLACEMENT OF APPROPRIATELY SIZED ASPHALT REPAIR PATCH ON THE STREET SURFACE.

ANY DECORATIVE PAVING SURFACE WITHIN THE STREET IS THE RESPONSIBILITY OF THE OWNER'S ASSOCIATION, OR THE INDIVIDUAL PROPERTY OWNERS IF NO OWNER'S ASSOCIATION IS IN EXISTENCE, OR THE AGENCY, HAVING PLACED THE DECORATIVE SURFACE MATERIALS PLACED WITHIN THE 10 FOOT EASEMENT ABUTTING A PUBLIC OR PRIVATE STREET, IF DISTRIBUTED BY THE LVVMD DURING THE REPAIR OR OPERATION OF ITS FACILITIES, WILL BE PLACED BY LVVMD WITH AN APPROPRIATELY SIZED PLAIN FINISH PATCH. THE LVVMD WILL NOT ATTEMPT TO MATCH THE ADJACENT DECORATIVE SURFACE. THE LVVMD WILL NOT ATTEMPT TO MATCH COLOR OR FINISH OF ANY ADJACENT RESPONSIBLES.

15. NO LEAD COMPLIANCE NOTE:
TO COMPLY WITH THE FEDERAL SAFE DRINKING WATER ACT, ALL WATER WORKS BRASS PRODUCTS PROPOSED TO BE RELOCATED, OR INSTALLED AS NEW, MUST BE INSTALLED WITH THE LEAD FREE APPROVED PRODUCT. THE OLD LEADED PRODUCT MAY NOT BE USED.

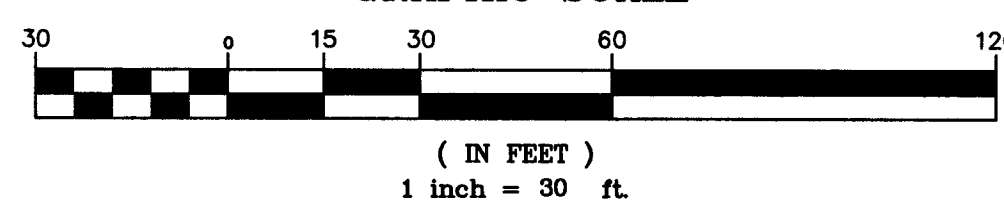
REVISÉ 01/09/2017



AVOID HITTING OVERHEAD
POWER LINES. IT'S COSTLY

Call
before you
Overhead

1-702-227-2929



PROTECT IN PLACE AND ADJUST LVVWD
EXISTING FACILITIES TO FINISHED GRADE. ALL
LVVWD FACILITIES SHALL BE ACCESSIBLE AT
ALL TIMES.

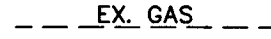
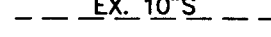
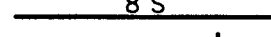
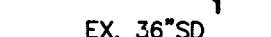
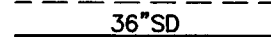
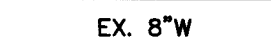
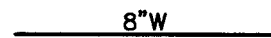
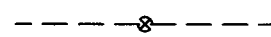
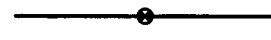
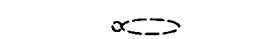
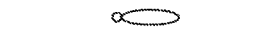
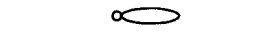
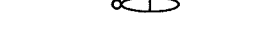
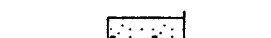
WATER NOTES AND QUANTITIES

		ESTIMATE OF QUANTITIES	
		PUBLIC	PRIVATE
1	P.O.C. -- STA-11+96.44-10.23TR (STA. TO BE VERIFIED BY GOR) INSTALL 8"X4" SERVICE SADDLE PER UDACS SEC 1.01.131	44± LF	
2	INSTALL 1" IRRIGATION METER, PER UDACS PLATE No. 4 AND SEC 2.17.01	1 EA	
3	INSTALL 1" RPPA, PER UDACS PLATE No. 8 AND SEC 2.17.01	1 EA	
4	INSTALL 2" PVC PRIVATE WATER LINE	7± LF	

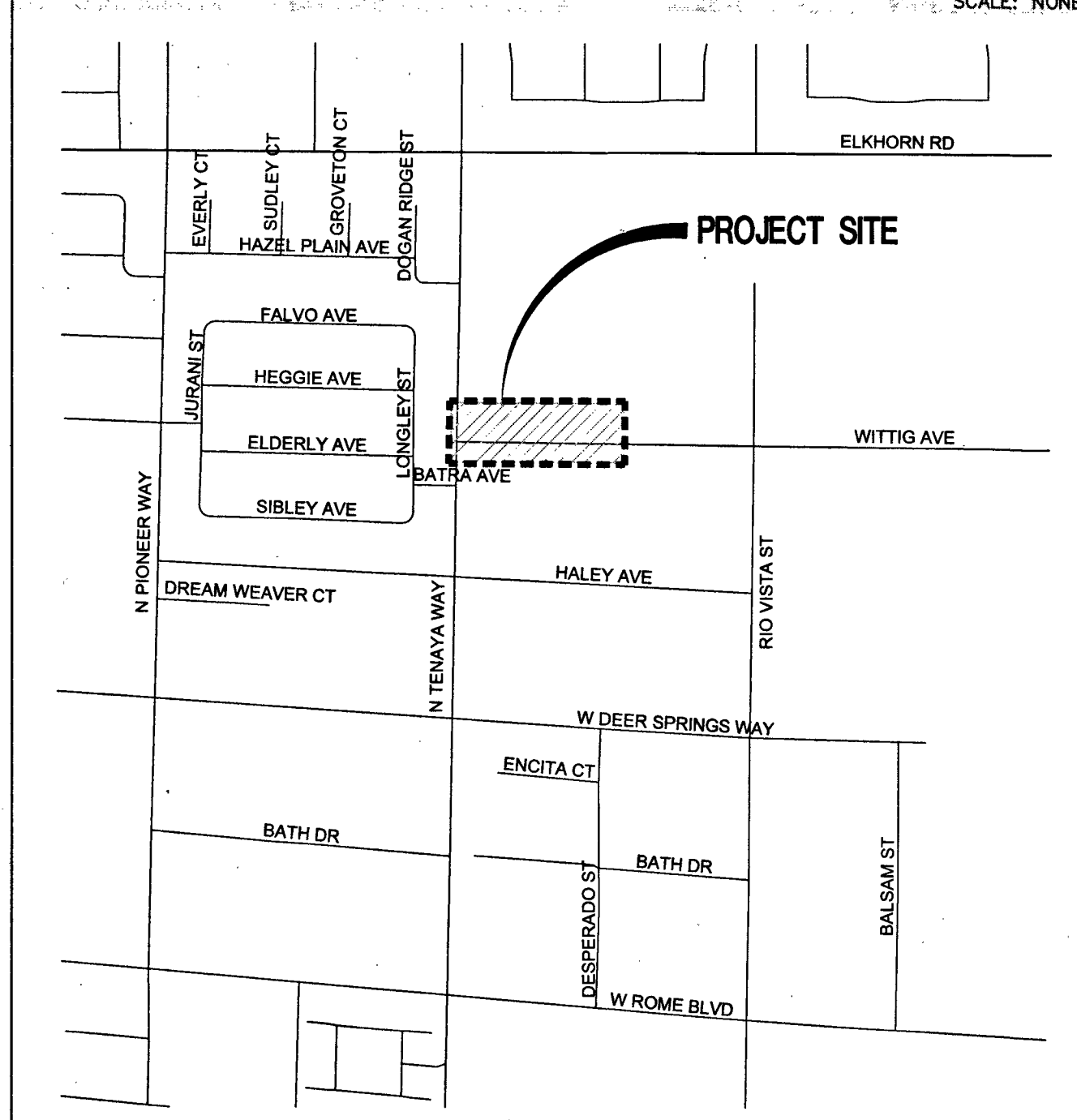
GENERAL UTILITY NOTES

1. CONTRACTOR TO VERIFY LOCATION AND DEPTH OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.
2. WATER MAIN JOINT DEFLECTION (PVC, 4" - 24") PVC PIPE SHALL BE DEFLECTED AT 1% DEFLECTION ONLY. THE MAXIMUM ALLOWABLE DEFLECTION SHALL BE ONE (1) DEGREE PER JOINT WITH A MINIMUM RADIUS OF CURVATURE OF 1,150 FEET. PER UDACS 2.07.01 AND 2.07.02, FOR CHANGES IN DIRECTION EXCEEDING THE MAXIMUM ALLOWABLE JOINT DEFLECTION, FITTINGS SHALL BE USED. ESN.059 REV. 09/10/09
3. NO FITTINGS SHALL FALL UNDER CURB, GUTTER AND/OR SIDEWALK (TYP.)
4. ALL EXISTING APPURTENANCES, PROTECT IN PLACE, AND ADJUST TO FINISHED GRADE IF NECESSARY. ALL VALVES TO REMAIN IN SERVICE AT ALL TIMES.
5. MINIMUM 24" COVER DURING CONSTRUCTION PER UDACS SEC 2.08.04. GRADING MUST BE COMPLETED PRIOR TO WATERLINE INSTALLATION.
6. CONTRACTOR TO INSTALL PIPELINE MARKER BALLS IN TRENCH ABOVE EACH HORIZONTAL ELBOW FITTING, PER UDACS PLATE NO. 15.
7. FOR ALL DRY AND UTILITY CROSSINGS MAINTAIN MINIMUM 12" VERTICAL SEPARATION AT ALL POINTS OF CROSSING. MAINTAIN A MINIMUM 3' PARALLEL SEPARATION.
8. ANY EXCAVATION AT BACK OF CURB MUST REMAIN OPEN FOR INSPECTION OF COPPER SERVICE LATERALS, ANY COPPER SERVICE LATERAL, SINKED, BENT OR OTHERWISE DAMAGED MUST BE REPLACED FROM THE MAIN TO THE ANGLE WATER STOP.
9. ALL SEWER/STORM DRAINS CROSSING WATER LINES MUST CONFORM TO SECTION 2.22 OF THE UNIFORM DESIGN AND CONSTRUCTION STANDARDS OF POTABLE WATER SYSTEMS (UDACS) FOR WATER AND STORM MAIN CROSSINGS AND CLEARANCES.

UTILITY LEGEND

	EXISTING GAS
	EXISTING SEWER MAIN
	PROPOSED SEWER MAIN
	PROPOSED SEWER LATERAL
	EXISTING STORM DRAIN
	PROPOSED STORM DRAIN
	EXISTING WATER MAIN
	PROPOSED WATER MAIN
	PROPOSED WATER LATERAL WITH 3/4" METER
	EXISTING UTILITY MANHOLE
	PROPOSED UTILITY MANHOLE
	EXISTING VALVE
	PROPOSED VALVE
	PROPOSED REDUCER
	PROPOSED STANDARD FIRE HYDRANT WITH 6" LATERAL, 6" GATE VALVE, AND TEE
	BACK WATER VALVE
	PRESSURE REDUCING VALVE
	EXISTING STREET LIGHT
	FUTURE STREET LIGHT
	PROPOSED 100w HPS STREET LIGHT
	PROPOSED 150w HPS STREET LIGHT
	PROPOSED 200w HPS STREET LIGHT
	PROPOSED 250w HPS STREET LIGHT
	PROPOSED 400w HPS STREET LIGHT
	PROPOSED CONCRETE DRIVEWAY

VICINITY MAP



REDUCED PRESSURE PRINCIPLE ASSEMBLY (1) 1'

APPROVED REDUCED PRESSURE PRINCIPLE ASSEMBLY(S) SHALL BE INSTALLED PER THE STATE PLATE NO. 8, TO WATER MAINS UNTIL TAKEN FROM SERVICE REQUIRING BACKFLOW PREVENTION. THE REDUCED PRESSURE PRINCIPLE ASSEMBLY HAS BEEN SUCCESSFULLY TESTED BY THE LVVMD.

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 WAY.

EASEMENTS SHALL BE CLEARLY MARKED OR STAKED PRIOR TO THE START OF CONSTRUCTION.

LEGAL DESCRIPTION

THE NORTHWEST QUARTER (NW 1/4) OF THE NORTHEAST QUARTER
(NE 1/4) OF SECTION 22, TOWNSHIP 19 SOUTH, RANGE 60 EAST,
M.D.M. & M.

EXCEPT THEREFROM THAT PORTION CONVEYED TO CITY OF LAS
VEGAS BY GRANT DEED RECORDED AUGUST 20, 2003 IN BOOK
20030820 AS INSTRUMENT NO. 01 778 OF OFFICIAL RECORDS.

BASIS OF BEARING

NORTH 00°56'37" EAST, BEING THE BEARING OF THE WEST LINE OF THE NORTHEAST QUARTER (NE 1/4) OF SECTION 22, TOWNSHIP 19 SOUTH, RANGE 60 EAST, M.D.M., CLARK COUNTY, NEVADA, AS SHOWN BY MAP THEREOF IN FILE IN THE CLARK COUNTY RECORDER'S OFFICE IN FILE 163, PAGE 26 OF SURVEYS.

BENCHMARK

CLARK COUNTY BENCHMARK STATION: 6LV90 15SSE6

RIVET AND PLATE IN TOP OF CURB AT THE NORTHWEST CORNER OF
RIO VISTA AND ELKHORN ROAD.

APPROVED FOR CONSTRUCTION

DISHAR, TOR, D^S
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER
DATE: 9/26/17 PROJECT No.: 125641

10745059-

[illegible]

DATE :	06/30/17
PM :	J. PEARCE
DRAWN BY :	
DESIGNED BY :	
CHECKED BY :	
ADA CHECKED :	
JOB NO. :	007.108
SCALE :	AS NOTED

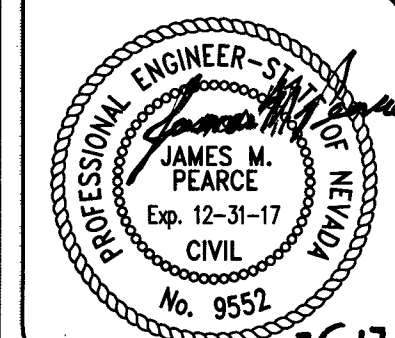
Triton
Engineering

Office: (702) 254-1411
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www.tritoneng.com

6757 W. Charleston Blvd.
Suite B
Las Vegas, Nevada 89146



DR HORTON
ELKHORN 40
WITTING AVENUE IRRIGATION METER



SHEET **1** OF 1
C.L.V. DWG.#
L17-00639