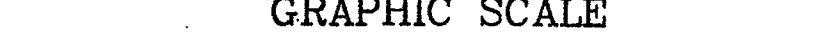
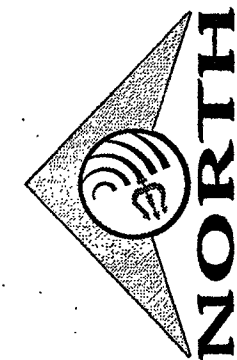


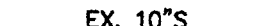
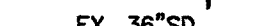
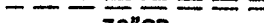
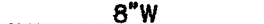
GRAPHIC SCALE



(IN FEET)
1 inch = 30 ft.



UTILITY LEGEND

	EXISTING GAS		PROPOSED STANDARD FIRE HYDRANT WITH 6" LATERAL, 6" GATE VALVE AND TEE
	EXISTING SEWER MAIN		BACK WATER VALVE
	PROPOSED SEWER MAIN		PRESSURE REDUCING VALVE
	EXISTING SEWER LATERAL		EXISTING STREET LIGHT
	PROPOSED STORM DRAIN		FUTURE STREET LIGHT
	EXISTING WATER MAIN		PROPOSED 100w HPS STREET LIGHT
	PROPOSED WATER MAIN		PROPOSED 150w HPS STREET LIGHT
	PROPOSEDWATER LATERAL WITH 3/4" METER		PROPOSED 225w HPS STREET LIGHT
	EXISTING UTILITY MANHOLE		PROPOSED 400w HPS STREET LIGHT
	PROPOSED UTILITY MANHOLE		PROPOSED CONCRETE DRIVEWAY
	EXISTING VALVE		
	PROPOSED VALVE		
	PROPOSED REDUCER		

1	PCC - REMOVE EXISTING CAP & BLOW OFF ASSEMBLY PER UDCS PLATE NO. 36 AND INSTALL 6" 45° BEND PER UDCS PLATE NO. 31.	13	INSTALL 6" PVC SOWER LATERAL WITH MARKER BALL & CURB MARKING. PER DCSIMS 50-22 AND 50-25
2	INSTALL 6" 45° BEND PER UDCS PLATE NO. 31.	14	INSTALL 6" PVC SOWER PIPE PER DCSIMS 50-18
3	INSTALL 6" 90° 90° TEE PER UDCS PLATE NO. 31.	15	EX. SOWER MANHOLE, PROTECT IN PLACE, ADJUST RIM PER DCSIMS 50-4 & 50-5 IF APPLICABLE.
4	INSTALL 6" GATE VALVE PER UDCS PLATE NO. 30 AND 39.	16	INSTALL 6" PVC WATER PIPE PER UDCS SECTION 2.08.02 AND UDCS PLATE NO. 17
5	INSTALL 2" BLOW OFF ASSEMBLY WITH CAP PER UDCS PLATE NO. 36.	17	EX. WATER GATE VALVE, PROTECT IN PLACE, ADJUST/REPLACE CONCRETE COLLAR PER UDCS PLATE NO. 39
6	INSTALL FIRE HOSE ASSEMBLY WITH 6" GATE VALVE AND 6" 90° TEES PER UDCS PLATE NO. 40.		NOT USED
7	INSTALL 1" COPPER WATER SERVICE W/ 3/4" METER PER UDCS PLATE NO. 4.	19	INSTALL 6" PVC WATER PIPE PER UDCS SECTION 2.08.01 AND UDCS PLATE NO. 16
8	INSTALL 3/4" IRRIGATION METER W/ 1" RPPA PER UDCS PLATE NO. 4 & 8. (BRASS BETWEEN METER & RPPA)	20	INSTALL 6" PVC WATER PIPE PER UDCS SECTION 2.08.01 AND UDCS PLATE NO. 16
9	INSTALL 6" 6" PVC WATER PIPE PER UDCS SECTION 2.08.02 AND UDCS PLATE NO. 17	21	INSTALL TYPE "C" TEST STATION, SEE DETAILS SHEET 15
10	PCC - REMOVE EXISTING CAP & BLOW OFF ASSEMBLY PER UDCS PLATE NO. 36 AND CONTACT & EXTEND 8" 45° WATER SERVICE TO UDCS NO. 1.	22	INSTALL 1" COPPER WATER SERVICE W/ 3/4" METER PER UDCS PLATE NO. 16. SEE ADDITIONAL DETAILS SHEET
11	INSTALL 48" MANHOLE PER DCSIMS 50-1A, 50-1B, 50-4 WITH PRECAST BASE, WITH SINGLE COVER	23	INSTALL DEEP FIRE HOSE ASSEMBLY WITH 6" GATE VALVE AND 6" 90° TEES PER UDCS PLATE NO. 41.
12	INSTALL STUB & CAP WITH 1 CURB-FIT THRUST BLOCK	24	INSTALL 2 (EA) 4" IRRIGATION CONDUIT

ALL ABOVE GROUND UTILITY APPURTENANCES SHALL CONFORM TO THE REQUIREMENTS OF TITLE 19.06 AND 19.08.

PVC PIPE SHALL BE DEFLECTED AT THE JOINT ONLY. THE MAXIMUM ALLOWABLE DEFLECTION SHALL BE ONE (1) DEGREE PER JOINT WITH A MAXIMUM 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.

FOR ALL DRY AND UTILITY CROSSINGS
 MAINTAIN MINIMUM 12" VERTICAL SEPARATION AT ALL POINTS OF CROSSING
 MAINTAIN A MINIMUM 3' PARALLEL SEPARATION.
 ANY EXCAVATION AT BACK OF CURB MUST REMAIN OPEN FOR INSPECTION
 SERVICE LATERALS. ANY COPPER SERVICE LATERAL KINKED, BENT OR OTHER
 DAMAGED MUST BE REPLACED FROM THE MAIN TO THE ANGLE METER STOP

BRIGHT ANGEL WAY
STA: 10+00.00
APN 125-30-211-002
SCHEELER FAMILY 1999 SURVIVO EX. 30
REVOCABLE TRUST DOC: 2161:
LOT 2
BOOK 134, PAGE 100
OF PLATS
NOT A PART
PROPEERTY CORNER
9+99.89-30.00' R
128.72'

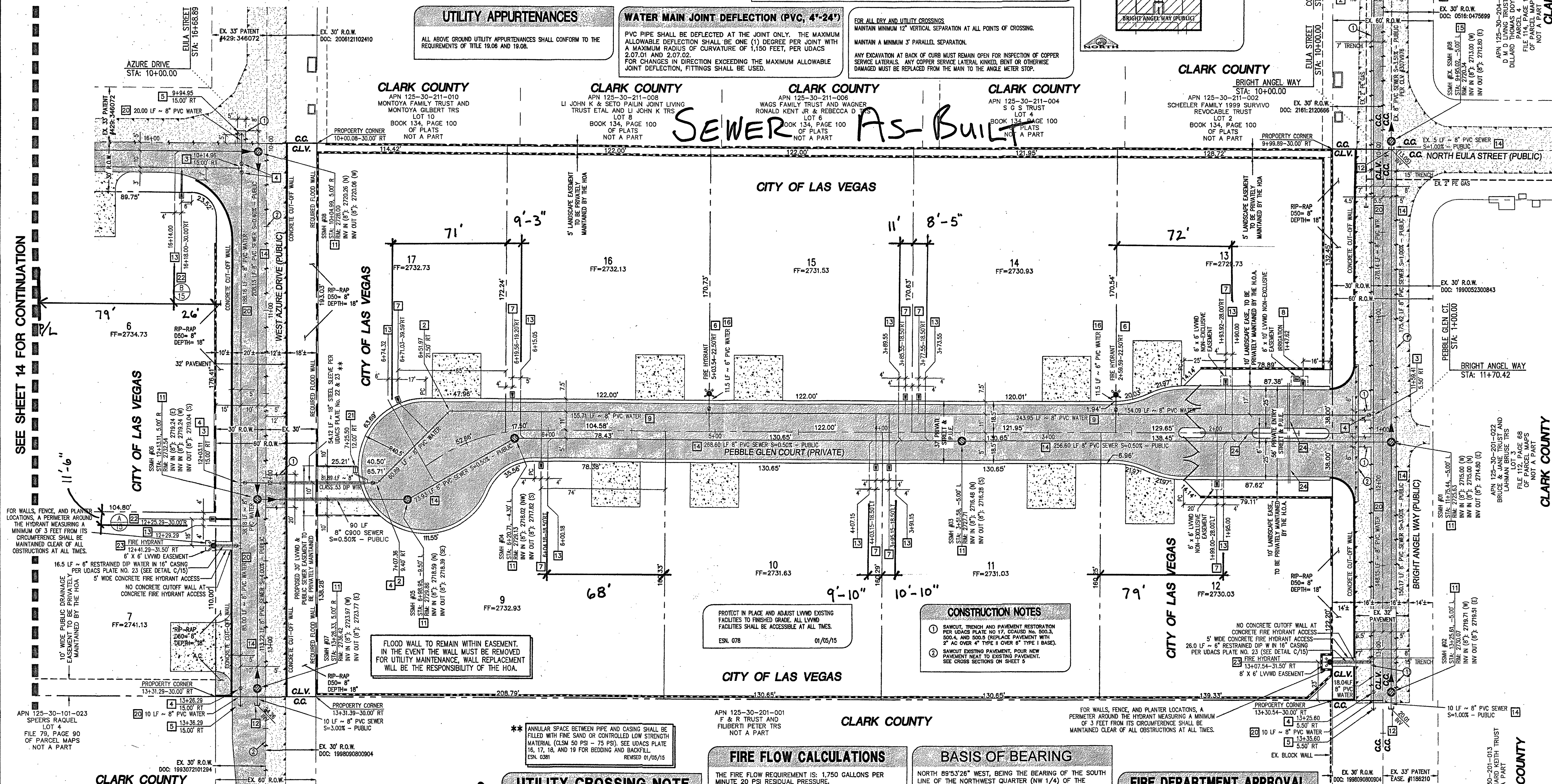
WAGS FAMILY TRUST AND WAGNER
RONALD KENT JR & REBECCA D TIS
LOT 6
BOOK 134, PAGE 100
OF PLATS
NOT A PART

LIVING TRS

SEWER AS-BUILT

APN 1 S

BOOK N



THE FIRE FLOW REQUIREMENT IS: 1,750 GALLONS PER MINUTE 20 PSI RESIDUAL PRESSURE.	
BASED ON:	
SQUARE FOOTAGE:	4,800 SQUARE FEET
LARGEST AREA BETWEEN 4-HOUR AREA SEPARATION WALLS:	N/A SQUARE FEET
BUILDING HEIGHT:	25 FEET-4 INCHES
NUMBER OF STORIES:	2 FLOORS
TYPE OF CONSTRUCTION:	V-NON RATED
OCCUPANCY:	RESIDENTIAL
FULL AUTOMATIC FIRE SPRINKLER SYSTEM (NFPA 13D) FOR SQUARE FOOTAGES GREATER THAN 4,800 S.F.	YES

NORTH 89°53'26" WEST, BEING THE BEARING OF THE SOUTHWEST CORNER OF THE NORTHWEST QUARTER (NW 1/4) OF THE NORTHWEST QUARTER (NW 1/4) OF SECTION 30, TOWNSHIP 18 NORTH, RANGE 60 EAST, M.D.M., CLARK COUNTY, NEVADA, AS SHOWN ON THAT CERTAIN MAP ON FILE IN THE CLARK COUNTY RECORDER'S OFFICE IN FILE 107, PAGE 31 OF SURVEYS.

BENCHMARK

CITY OF LAS VEGAS BENCHMARK: 6LV89 25NE58

A RIVET AND PLATE IN THE TOP OF CURB AT THE NORTH SIDE OF AZURE DRIVE, NEAR CHURCH, 330'+/- WEST OF HUALAPAI WAY.

ELEVATION=839.830 METERS (NAVD'83)
ELEVATION=8255.34 US SURVEY FEET (NAVD'88)

APPROVAL BY THE FIRE DEPARTMENT HAVING JURISDICTION
IS REQUIRED PRIOR TO OBTAINING FINAL APPROVAL FROM
THE LVVWD.

APPROVED FOR CONSTRUCTION

[Signature]

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGE

DATE: *11/11/11* PROJECT No.: 122399

LVVWD APPROVED FIRE FLOW 1,750 GPM @ 20 PSI RESIDUAL.

R. J. Miller 10/18/81
LAS VEGAS FIRE AND RESCUE DATE

AS-BUILT COMPLETED BY
KNL CONSTRUCTION, LLC
03/08/2017
Robert M Walker
ROBERT M WALKER

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.

BACKWATER VALVES REQUIRED PER U.P.C., LATEST EDITION, SECTION 710.0.

ALL LOTS REQUIRING A BWV: LOT 7

TOTAL LOTS REQUIRING BACKWATER VALVES = 1

APPROVED REDUCED PRESSURE PRINCIPLE ASSEMBLY(S) SHALL BE INSTALLED PER THE UDACS PLATE NO. 8. NO WATER SHALL BE TAKEN FROM A SERVICE REQUIRING BACKFLOW PREVENTION UNTIL THE REDUCED PRESSURE PRINCIPLE ASSEMBLY HAS BEEN SUCCESSFULLY TESTED BY THE LHA.

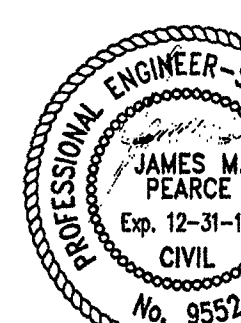
ANY BLOCK WALL OR OTHER FENCE MATERIAL SHALL BE DESIGNED AND CONSTRUCTED AROUND THE OUTSIDE OF THE EASEMENT(S) TO ALLOW THE DISTRICT DIRECT ACCESS FROM THE ADJACENT RIGHT-OF-WAY. EASEMENTS SHALL BE CLEARLY MARKED OR STAKED PRIOR TO THE START OF CONSTRUCTION.



Triton
Engineering



UTILITY PLAN I



SHEET **13** OF 17
C.L.V. DWG.#
63459