

CITY OF LAS VEGAS FIRE DEPARTMENT NOTES

SEE SHEET C-2 FOR CITY OF LAS VEGAS FIRE DEPARTMENT GENERAL NOTES.

(1-6") DOUBLE CHECK DETECTOR ASSEMBLY (DCDA)

THE DOUBLE CHECK DETECTOR ASSEMBLIES SHALL BE INSTALLED IN ACCORDANCE WITH THE UDACS PLATE NO. 11C.

ANY BLOCK WALL OR OTHER FENCE MATERIAL SHALL BE DESIGNED AND CONSTRUCTED AROUND THE OUTSIDE OF THE EASEMENT(S), SO AS 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.

(1-1½") REDUCED PRESSURE PRINCIPLE ASSEMBLY (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 REDUCED PRESSURE PRINCIPLE ASSEMBLY HAS BEEN SUCCESSFULLY TESTED BY THE LVVWD.

ANY BLOCK WALL OR OTHER FENCE MATERIAL SHALL BE DESIGNED AND CONSTRUCTED AROUND THE OUTSIDE OF THE EASEMENT(S), SO AS 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.

NDOT PERMIT REQUIREMENTS

IF ANY WORK IS NECESSARY WITHIN THE NDOT RIGHT-OF-WAY, THEN AN APPROVED NDOT OCCUPANCY PERMIT SHALL BE OBTAINED THROUGH THE DISTRICT PRIOR TO ANY CONSTRUCTION WITHIN THE NDOT RIGHT-OF-WAY. PLANS SHOWING WORK IN THE NDOT RIGHT-OF-WAY MUST SHOW NDOT STATIONING. THE DEVELOPER ASSUMES ALL LIABILITY FOR WORK CONDUCTED UNDER ANY DISTRICT OBTAINED PERMIT THROUGH WARRANTY EXPIRATION.

QUANTITIES

PUBLIC	PRIVATE
360 LF	2. 2" WATER (TYPE 'K' COPPER)
42 LF	3. 6" WATER (PVC-900)
93 LF	4. 8" WATER (PVC-900)
2 EA	7. FIRE HYDRANT ASSEMBLY & VALVE PER UDACS PLATE No. 7
1 EA	8. 6" DCDA BACKFLOW ASSEMBLY PER UDACS PLATE No. 11C
1 EA	9. 1½" BRASS WATER W/ BRASS 90° ELBOW TO RPPA
1 EA	10. 1½" WATER SERVICE & METER PER UDACS PLATE No. 11D
60 LF	11. 1½" RPPA PER UDACS PLATE No. 11A
5 EA	19. STORM DRAIN ENCASUREMENT PER UDACS SECTION 2.19.02-B
1 EA	22. TAPPING SLEEVE W/ TAPPING VALVE PER UDACS PLATE No. 22
4 EA	24. 2" BLOW-OFF ASSEMBLY PER UDACS PLATE No. 4A
2 EA	39. 6" 90° ELBOW
135 LF	72. 6" SEWER CLEANDOUT
40 LF	73. 6" PVC SEWER
1 EA	74. 8" PVC SEWER
1 LS	75. 6" SEWER VYE LATERAL
124 SF	80. RED PAINTED CURB MARKED 'NO PARKING'
7 EA	85. BACKFILL & PVMT PATCH PER UDACS PLATE 6D
	88. ADJUST TO GRADE EXISTING VALVE COVER OR UTILITY BOX

INSTALLATION NOTES

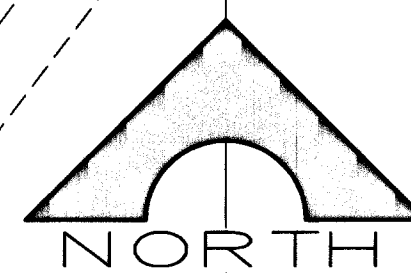
- 2" WATER (TYPE 'K' COPPER)
- 6" WATER (PVC-900)
- 8" WATER (PVC-900)
- FIRE HYDRANT ASSEMBLY & VALVE PER UDACS PLATE No. 7
- 6" DCDA BACKFLOW ASSEMBLY PER UDACS PLATE No. 11C
- 1½" BRASS WATER W/ BRASS 90° ELBOW TO RPPA
- 1½" WATER SERVICE & METER PER UDACS PLATE No. 11D
- 1½" RPPA PER UDACS PLATE No. 11A
- STORM DRAIN ENCASUREMENT PER UDACS SECTION 2.19.02-B
- TAPPING SLEEVE W/ TAPPING VALVE PER UDACS PLATE No. 22
- 2" BLOW-OFF ASSEMBLY PER UDACS PLATE No. 4A
- 6" 90° ELBOW
- 6" SEWER CLEANDOUT
- 6" PVC SEWER
- 8" PVC SEWER
- 6" SEWER VYE LATERAL
- RED PAINTED CURB MARKED 'NO PARKING'
- BACKFILL & PVMT PATCH PER UDACS PLATE 6D
- ADJUST TO GRADE EXISTING VALVE COVER OR UTILITY BOX

Walgreens

FF=2573.00

FIRE DEPT. CONN. (FDC)

FIRE SPRINKLER RISER



SCALE: 1"=30'
30 0 30 60
SCALE FEET

LINE DATA TABLE

No.	BEARING	DISTANCE
L1	S44°48'51"E	1.59'
L2	S54°23'57"E	60.16'

R/W CURVE DATA TABLE

No.	RADIUS	DELTA	LENGTH	TANGENT
C1	54.00'	83°31'16"	78.72'	48.21'
C2	100.00'	16°57'10"	29.59'	14.90'
C3	100.00'	18°13'13"	31.80'	16.03'

LAS VEGAS FIRE DEPARTMENT

BLDG. SIZE: 14,820 S.F.
HEIGHT: SINGLE STORY
CONSTRUCTION TYPE: V-N
SPRINKLED: YES
FIRE FLOW: 1625 GPM @ 20 PSI

CITY OF LAS VEGAS FIRE DEPARTMENT
DATE: 4/26/04

FIRE DEPARTMENT APPROVAL:

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

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.

LAS VEGAS VALLEY WATER DISTRICT

LAS VEGAS VALLEY WATER DISTRICT PROJ. # 29086 DATE

ANY BLOCK WALL OR OTHER FENCE MATERIAL SHALL BE DESIGNED AND CONSTRUCTED AROUND THE OUTSIDE OF THE EASEMENT, SO AS TO ALLOW THE DISTRICT DIRECT ACCESS FROM THE ADJACENT RIGHT-OF-WAY.

BENCHMARK

CLARK COUNTY BENCH MARK 0090 17566, RIVET AND SQUARE ALUMINUM PLATE IN TOP CENTER OF HEADWALL ON THE WEST SIDE OF U.S. 95 NEAR MILE MARKER 89.60 (OLD ELEVATION = 784.395m) NEW ELEVATION = 784.36 R. DESIGN ELEVATIONS ON THESE PLANS ARE BASED ON THE OLD BENCHMARK ELEVATION. (OLD ELEVATION = NEW ELEVATION + 0.10' FT.)

BASIS OF BEARING

BEING THE NORTH LINE OF THE SOUTH HALF (S 1/2) OF THE NORTHEAST QUARTER (NE 1/4) OF SECTION 17, T. 19 S., R. 60 E., M.D.M., AS SHOWN ON PARCEL MAP IN FILE 97, PAGE 1 OFFICIAL RECORDS, CLARK COUNTY, NEVADA, BEARING NORTH 89°49'16" WEST

PROJECT NAME: WALGREENS

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.

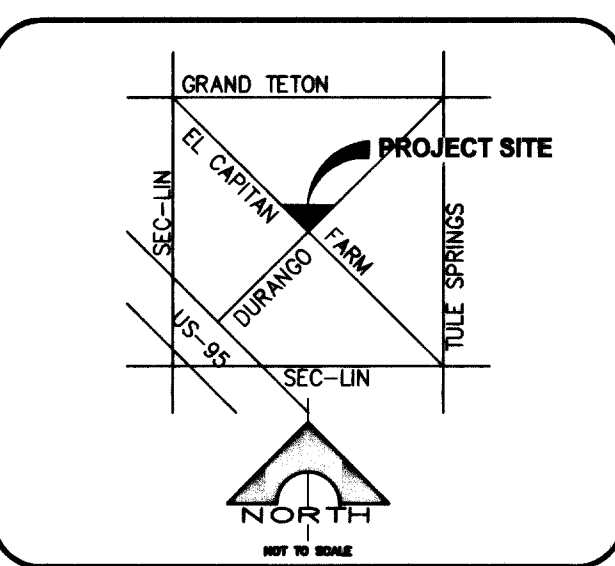
Barry Long 4/26/04
LVVWD DATE ESN.052

DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN HEREON ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE EXACT HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UNDERGROUND OR OVERHEAD 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.



VICINITY MAP



LAS VEGAS VALLEY WATER DISTRICT NOTES:

LVVWD PROJECT # 29086

- NO WORK SHALL BEGIN UNTIL THE WATER PLANS HAVE BEEN APPROVED FOR CONSTRUCTION BY THE LVVWD. FOLLOWING WATER PLAN APPROVAL, NOTICE SHALL BE GIVEN TO THE LVVWD COMMUNICATION SUPPORT CENTER (258-7171) 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 LVVWD INSPECTION. WHEN REQUESTING INSPECTIONS, PLEASE REFER TO THE PROJECT # IDENTIFIED ABOVE.
- ALL WORK SHALL CONFORM TO THE LVVWD'S STANDARD PLATES, DRAWINGS, AND SPECIFICATIONS AND TO THE 2003 EDITION OF UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR POTABLE WATER SYSTEMS (UDACS).
- ALL WORK, EXCEPT AS MODIFIED BY THESE PLANS OR BY NOTE 2 ABOVE, SHALL BE DONE IN ACCORDANCE WITH THE MOST CURRENT DRAFT OR EDITION OF THE UNIFORM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION OFF-SITE IMPROVEMENTS, CLARK COUNTY AREA.
- A SINGLE PIPE MATERIAL SHALL BE USED THROUGHOUT THE PROJECT, UNLESS OTHERWISE APPROVED BY THE LVVWD.
- ALL SERVICE LATERALS TWO INCHES (2") IN DIAMETER AND SMALLER SHALL BE COPPER TUBING WITH LVVWD APPROVED SERVICE SADDLES.
- ALL WATER METER BOXES SHALL BE LOCATED OUTSIDE OF DRIVEWAY AREAS.
- ALL VALVES SHALL BE LOCATED OUTSIDE OF DRIVEWAYS, VALLEY AND CURB GUTTERS.
- ALL WATER AND STORM DRAIN OR SANITARY SEWER CROSSINGS SHALL CONFORM TO SECTION 2.19 OF THE 2003 EDITION OF UDACS.
- ALL WATER FACILITIES SHALL BE FILLED, DISINFECTED, PRESSURE TESTED, FLUSHED, FILLED AND AN ACCEPTABLE WATER SAMPLE OBTAINED PRIOR TO CONNECTION TO THE LVVWD DISTRIBUTION SYSTEM.
- THE CONTRACTOR MUST OBTAIN ALL METERS TWO (2) INCHES AND SMALLER FROM LVVWD CENTRAL STORES. TELEPHONE 258-3152, OR 258-3802, TWO (2) WORKING DAYS PRIOR TO METER PICK-UP.
- ANY INTERRUPTION OF SERVICE MUST BE APPROVED BY THE LVVWD INSPECTION DIVISION PRIOR TO SHUTDOWN. PROPER WRITTEN NOTIFICATION MUST BE GIVEN TO ALL AFFECTED CUSTOMERS.
- ALL WATER FACILITY CONSTRUCTION MATERIALS USED MUST BE AS LISTED ON THE LVVWD PRE-APPROVED MATERIALS AND MANUFACTURER'S LISTING FOR NEW FACILITIES, LATEST REVISION OR SPECIFICALLY APPROVED ON THESE PLANS.
- TELEPHONE "CALL BEFORE YOU DIG" AT 1-800-227-2600.

MARK WARLING, CIVIL ENGINEER

9101 W. Sahara Ave., # 105-L8
Las Vegas, Nevada 89117
(702) 869-6275

Walgreen's
North corner Durango Drive and El Capitan Way
City of Las Vegas, Nevada

Site Utility Plan

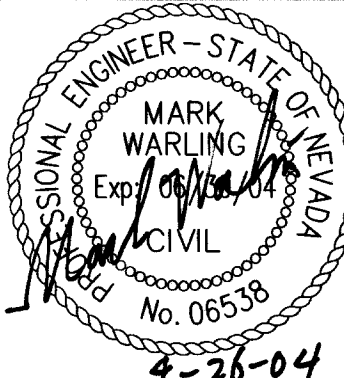
DESIGNED BY: MARK WARLING

DRAFTED BY: MARK WARLING

CHECKED BY: MARK WARLING

DATE: APR. 26, 2004

SCALE: 1"=30'



SHEET U-1
4 OF 9 SHEETS

DRAWING NO.
107V4021