

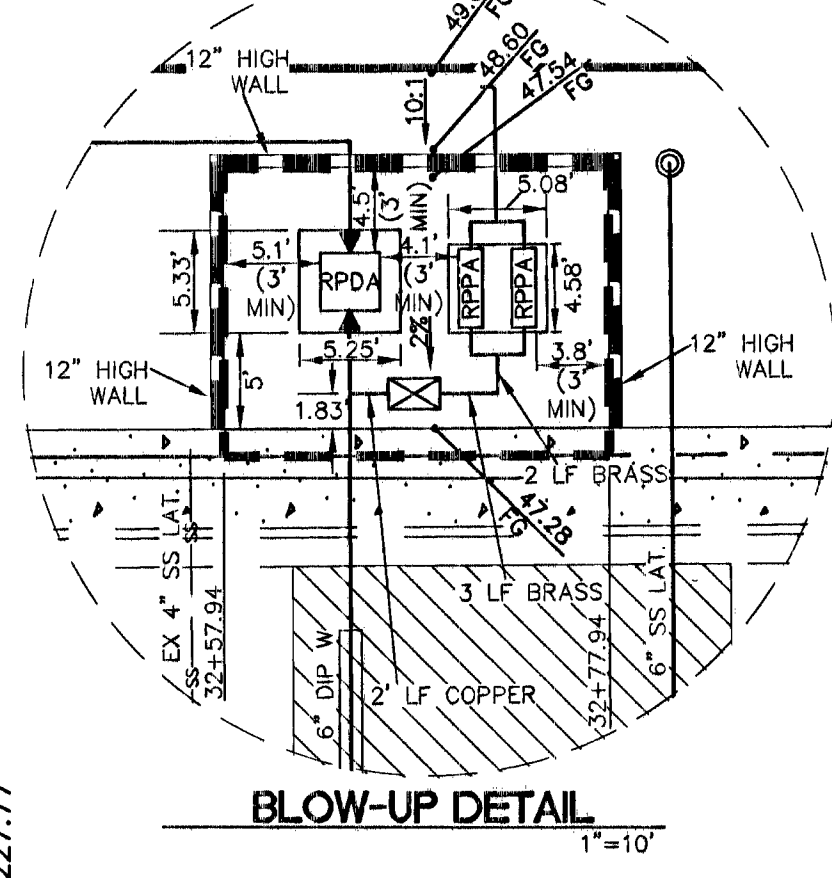
VICINITY MAP
SCALE: NONE

CONSTRUCTION NOTES

- 1 INSTALL 6" x 6" TAPPING SLEEVE AND 6" TAPPING VALVE PER UDACS PLATE NO. 34 & 39 AND PER SECTION 2.24.01A OF UDACS.
- 2 INSTALL 4" RPDA PER UDACS PLATE NO. 56 & RPDA DETAIL ON SHEET #3.
- 3 INSTALL 6" PVC WATER LINE (FIRE).
- 4 INSTALL 6"-90° ELBOW PER UDACS PLATE NO. 31.
- 5 INSTALL 6" CLASS 53 DIP WATER LINE (FIRE).
- 6 INSTALL FIRE DEPARTMENT CONNECTION (FDC).
- 7 INSTALL 2" DOMESTIC WATER SERVICE PER UDACS PLATE NO. 4.
- 8 INSTALL 2" COPPER WATER LINE (DOMESTIC).
- 9 INSTALL DUAL 2" RPPA'S PER UDACS PLATE NO. 9.
- 10 TRENCH BACKFILL AND PAVEMENT PATCH PER SD-18 AND STD. DWG. NO. 503 & 500.5. REPAIR AND REPLACE EXISTING CURB, GUTTER AND SIDEWALK PER STD. DWG. NO. 219 & 234.
- 11 NOT USED.
- 12 INSTALL 6" PVC SEWER SERVICE LATERAL PER DCSWCS SD-17.
- 13 INSTALL STANDARD 6" SEWER CLEANOUT.
- 14 PAINT CURB RED TO INDICATE NO PARKING FIRE LANE.
- 15 REMOVE EXISTING STREETLIGHT.
- 16 INSTALL 6"x4" REDUCER PER UDACS PLATE NO. 30.
- 17 INSTALL 100W STREETLIGHT PER STD. DWG. NO.'S 300, 308.52, 311.152, 313, 320, 321 & 314. ERMCOA44346GRAYED LED FIXTURE.
- 18 INSTALL 1-1/2" CONDUIT W/ 2-EA #4 THW & 1-EA #8 THW COPPER CONDUCTORS. CONNECT TO EX. CIRCUIT.
- 19 INSTALL 3 1/2" PULL BOX. REPAIR AND REPLACE EX. CURB, GUTTER AND SIDEWALK PER STD. DWG. NO.'S 219 & 234.
- 20 PAVEMENT PATCH PER STD. DWG. NO. 503 & 500.5. REPAIR AND REPLACE EXISTING CURB, GUTTER AND SIDEWALK PER STD. DWG. NO. 219 & 234.

QUANTITIES

- [1 EA (PUBLIC)]
- [1 EA (PUBLIC)]
- [30 LF (PRIVATE)]
- [2 EA (PRIVATE)]
- [40 LF (PRIVATE)]
- [1 EA (PRIVATE)]
- [1 EA-(PUBLIC)]
- [2 LF (PUBLIC)]
- [15 LF (PRIVATE)]
- [1 EA-DUAL (PUBLIC)]
- [95 SY (PUBLIC)]
- [1 EA (PUBLIC)]
- [1 EA (PRIVATE)]
- [110 LF (PRIVATE)]
- [1 EA (PUBLIC)]
- [2 EA (PUBLIC)]
- [1 EA (PUBLIC)]
- [173 LF (PUBLIC)]
- [1 EA (PUBLIC)]
- [17 SY (PUBLIC)]



INSTALLATION OF RPDA (1-4')

THE BACKFLOW PREVENTION ASSEMBLY SHALL BE INSTALLED IN ACCORDANCE WITH THE UDACS PLATE #56 & DETAIL. 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.

REDUCED PRESSURE PRINCIPLE ASSEMBLY (1-2' DUAL)

APPROVED PRESSURE PRINCIPLE ASSEMBLY(S) SHALL BE INSTALLED PER THE UDACS PLATE NO. 9 NO WATER SHALL BE TAKEN FROM A SERVICE REQUIRING BACKFLOW PREVENTION UNTIL THE REDUCED PRESSURE PRINCIPLE ASSEMBLY HAS BEEN SUCCESSFULLY TESTED BY THE DISTRICT. 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.

SEWER/WATER CROSSING NOTE

SEWER/STORM DRAINS CROSSING WATER LINES MUST CONFORM TO SECTION 2.22 OF THE UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR POTABLE WATER SYSTEMS (UDACS) FOR WATER AND STORM MAIN CROSSINGS AND CLEARANCES.

FIRE DEPARTMENT DATA

FIRE REQUIREMENT IS 1500 GALLONS PER MINUTE AT 20 POUNDS PER SQUARE INCH RESIDUAL BASED ON:
 TOTAL SQUARE FOOTAGE 12,000 SQ. FT.
 LARGEST AREA BETWEEN 4 HOUR SEPARATION WALLS: 12,000 SQ. FT.
 BUILDING HEIGHT: 12 FEET
 NUMBER OF STORES: 1
 TYPE OF CONSTRUCTION: V-B
 EXPOSURES:
 SPRINKLER SYSTEM: YES
 OCCUPANCY: B
 HIGH PILE STORAGE: NO
 ROOF CONSTRUCTION: WOOD TJI'S (NR)

FIRE DEPARTMENT APPROVAL

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

APPROVALS
 JGR
 CLV FIRE DEPARTMENT
 DATE: 8/15/13

APPROVED FOR CONSTRUCTION
 DATE: 8/15/13

LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER
 PROJECT NO. 121864
 DATE: 8/15/13
 LVVWD APPROVED FIRE FLOW 1500 GPM AT 20 PSI RESIDUAL

Job No. 13101
 DATE: 08/14/13
 VERT. SCALE: N/A
 HORIZ. SCALE: 1" = 20'
 DRAWN BY: JGR
 CHECKED BY: DAD
 SHEET 5 of 6
 10745995

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APPROVED

REVISIONS

NO. DATE DESCRIPTION

STATE OF NEVADA
 ENGINEER
 DAVID A. WATSON
 CIVIL
 No. 7711
 Exp. 12/31/14

DWYER ENGINEERING INC.
 WATER RIGHTS
 LAND SURVEYING
 CIVIL ENGINEERING
 1100 N. MARTIN LUTHER KING BLVD., SUITE # 100
 LAS VEGAS, NEVADA 89102
 Phone: (702) 254-2200
 Fax: (702) 254-2206

UTILITY PLAN
 VOLUNTEERS IN MEDICINE
 1100 N MARTIN LUTHER KING BLVD.
 CITY OF LAS VEGAS, NEVADA
 APN: 139-28-601-006

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 811
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 1-702-655-7544

Call before you OVERHEAD
 AVOID OVERHEAD POWER LINE CONTACT - IT'S COSTLY!
 1-702-227-2929
 NEVADA POWER ENVIRONMENT AND SAFETY SERVICES DEPARTMENT

SEE SHEET #1 FOR LEGEND AND ABBREVIATIONS
 SEE SHEET #2 FOR LVVWD NOTES

SEWER CONTRIBUTION
 AVERAGE DAILY CONTRIBUTION: 2813 GPD
 PEAK FLOW: 9563 GPD

49094