

WATER AND SEWER SYSTEM QUANTITIES

10" DETECTOR CHECK	1 EA.
4" TURBO METER	1 EA.
10" PVC	605 LF.
8" PVC	875 LF.
6" PVC	1100 LF.
4" PVC	120 LF.
TAPPING TEE WITH VALVE	1 EA.
TEE	7 EA.
10" BENDS	2 EA.
6" BENDS	7 EA.
4" BENDS	4 EA.
REDUCER	3 EA.
F.H. WITH VALVES	6 EA.

WATER SYSTEM QUANTITIES ARE ESTIMATED FOR LAS VEGAS VALLEY WATER DISTRICT PURPOSES ONLY AND ARE NOT GUARANTEED FOR CONSTRUCTION.

SEWER NOTES:

- CONNECT TO EXIST. 10" MAIN WITH CCSD APPROVED SADDLE. 10" I.E.=07.42 4" I.E.=08.25
- SAME AS NOTE A. EXCEPT 10" I.E.=02.39 6" I.E.=03.22

STREET LIGHT NOTE:
ALL HAND HOLE COVERS MUST BE INSTALLED, POLE CAPS POURED, AND PULL BOX LIDS BOLTED DOWN PRIOR TO ENERGIZING CIRCUIT. ALL WIRE MUST HAVE THW INSULATION.

FOR ALTA DRIVE:
200 WATT HPS LIGHTING FIXTURES AND POLE INCLUDING ALL MOUNTING ACCESSORIES FOR A COMPLETE ASSEMBLY AND INSTALLATION PER STANDARD DRAWINGS 306, 307, 308, 311, 314, 315, 316, 319, 321, 325, 326, (TYPICAL).

CONDUIT REQUIREMENTS:
2-4 THW 90 1-9 GREEN 1/4" CONDUIT

RED ROCK HEIGHTS NO. 3

PROJECT BEARING NORTH = N 0°06'35" E MOUNT DIABLO BASE AND MERIDIAN 1254.57

PROJECT BEARING S 88°58'43" W = S 89°05'18" W MOUNT DIABLO BASE AND MERIDIAN 617.93'

PROJECT BEARING S 00°03'01" W = S 00°09'36" W MOUNT DIABLO BASE AND MERIDIAN 1291.31'

PROJECT BEARING N 88°56'22" E MOUNT DIABLO BASE AND MERIDIAN 624.75'

PROJECT BEARING N 88°49'47" E = N 88°56'22" E MOUNT DIABLO BASE AND MERIDIAN 624.75'

WALTER D. JOHNSON JUNIOR HIGH SCHOOL

VILLA MONTEREY

DUCHARME AVENUE

ALTA DRIVE

STATIONING: STA. 0+51.08, STA. 2+23, STA. 3+98, STA. 5+88

NOTES:

- PERFORM ALL UTILITY WORK IN ACCORDANCE WITH THE REQUIREMENTS OF THE GOVERNING AGENCY.
- ROOF DRAIN ELEVATIONS ARE SHOWN AT THE BUILDING LINE.
- SEE ROOF DRAIN DRAWING (SHEET P1.02) FOR ROOF DRAIN INSIDE BUILDING.
- "USD" REFERS TO THE "UNIFORM STANDARD DRAWINGS FOR PUBLIC WORKS" CONSTRUCTION CLARK COUNTY AREA NEVADA 1988. ALL WORK WITHIN PUBLIC RIGHT OF WAY SHALL BE PERFORMED IN ACCORDANCE WITH "USD".
- FINAL CONNECTION TO BUILDING DRAINS AND ROOF DRAINS WILL BE MADE BY PLUMBING CONTRACTOR PER MECHANICAL DRAWINGS. SITE WORK CONTRACTOR TO INSTALL PIPES TO CONNECTION POINT.
- INSTALL THRUST BLOCKS ON ALL WATER & FINE LINE FITTINGS PER USED 512 & 513 WITH MIN. BEARING AREAS INCREASED BY A FACTOR OF 1.5. IF TRENCH EXCAVATION IS IN CEMENTED SOILS, THRUST BLOCKS NEED ONLY EXTEND TO THE CEMENTED SOILS.
- SEE SHEET C101 FOR LAS VEGAS VALLEY WATER DISTRICT NOTES.

EXIST. SEWER MANHOLE
RING ELEV.=00.30
EXIST. FL. ELEV.=94.22

EXIST. SEWER MANHOLE
RING ELEV.=08.84
EXIST. FL. ELEV.=03.45

EXIST. SEWER MANHOLE
RING ELEV.=16.78
EXIST. FL. ELEV.=10.55
NEW 8" FL. ELEV.=10.72
CORE DRILL AND MAKE A WATER TIGHT CONNECTION

NEW SEWER MANHOLE
RING ELEV.=18.88
8" ELEV.=11.11

WATER MAIN FOR NEW CONNECTION PER LVWD REQUIREMENTS
12" x 10" MECH. JOINT
TAPPING TEE W/ 10" TAPPING VALVE

10" DETECTOR CHECK
THE DOUBLE CHECK ASSEMBLY & VAULT, W/ NON-TRAFFIC BEARING COVER, MUST BE INSTALLED IN ACCORDANCE W/ THE DISTRICT'S STANDARD PLATE 20 & W/ STANDARD VAULT C-475 REV. 3.

ANY FUTURE BLOCK WALL OR FENCE
MUST BE DESIGNED AROUND THE EASEMENT, SO AS TO ALLOW THE DISTRICT DIRECT ACCESS TO THE VAULT FROM THE ADJACENT R/W.

10" TURBO WATER METER
THE METER & VAULT, W/ NON-TRAFFIC BEARING COVER, MUST BE INSTALLED IN ACCORDANCE W/ THE DISTRICT'S STANDARD PLATE 18A & W/ STANDARD VAULT C-475 REV. 3.

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