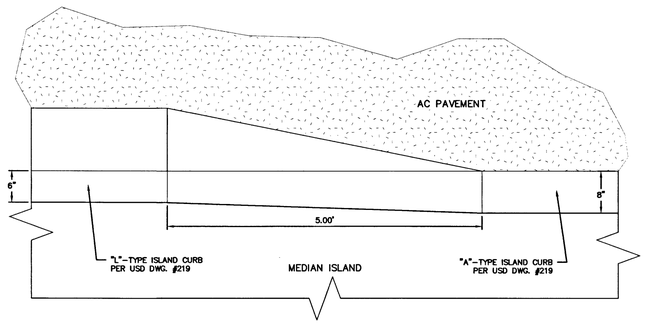
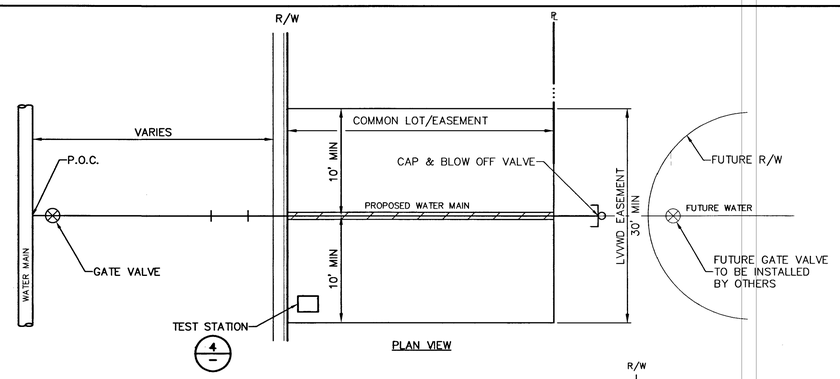
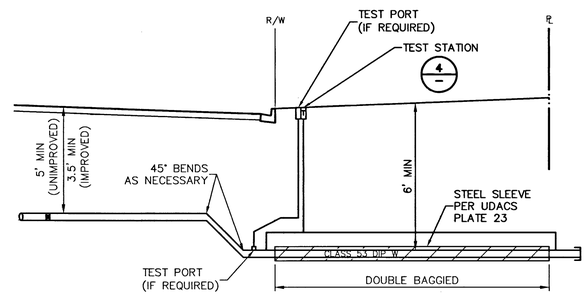


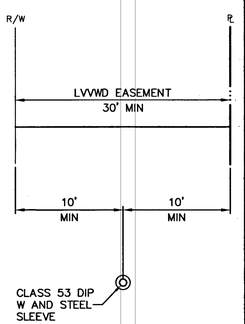
5' MEDIAN CURB TRANSITION - 'L' TO 'A' TYPE (6)
NOT TO SCALE



PLAN VIEW



PROFILE VIEW

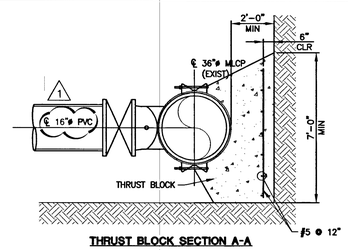


SECTION VIEW

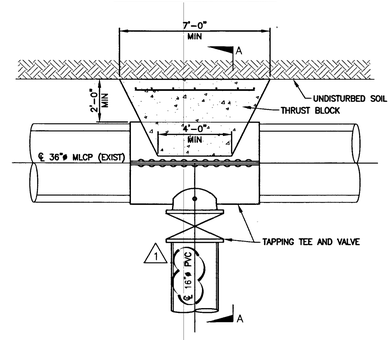
NOTES

1. NO BUILDINGS, STRUCTURES, WALLS, FENCES OR TREES SHALL BE PLACED UPON, OVER OR UNDER SAID EASEMENT FOR THE DURATION OF THIS EASEMENT EXCEPT THAT SAID EASEMENT MAY BE IMPROVED AND USED FOR STREET, ROAD, OR DRIVEWAY PURPOSES, TRAIL, PATH, PARKING LOT, PLAYGROUND, NON-VEHICULAR PUBLIC ACCESS, OR SHALLOW ROOT LANDSCAPING PURPOSES AND FOR OTHER UTILITIES, INSOFAR AS SUCH USE DOES NOT INTERFERE WITH ITS USE BY THE DISTRICT FOR THE PURPOSES FOR WHICH IT IS GRANTED.
2. A SURFACE MAINTENANCE/REPAIR AGREEMENT WILL BE REQUIRED STATING THE DEVELOPER AGREES TO SURFACE RESTORATION/REPAIR AT SOLE COST IN PERPETUITY.
3. THE FINAL MAP MUST DEDICATE THE SUBJECT EASEMENT AREA AS A COMMON ELEMENT.
4. TRENCH BACKFILL MUST BE CLASS 1 CLSM
5. PIPELINE MUST HAVE MECHANICAL JOINTS
6. AT A MINIMUM, THE JOINTS MUST BE BONDED AND TEST STATION INSTALLED ON ONE END OF THE EASEMENT
7. FOR 16-INCH AND LARGE PIPELINES, A TEST PORT WILL BE REQUIRED TO FACILITATE PIPELINE CONDITION EASEMENT
8. CARSONITE OR BRASS MARKERS MUST BE TO DELINEATE THE LOCATION/ALIGMENT OF THE PIPELINE WITHIN THE EASEMENT

TYPICAL COMMON ELEMENT/ EASEMENT REQUIREMENTS (5)
NOT TO SCALE



THRUST BLOCK SECTION A-A



THRUST BLOCK PLAN

NOTES:

1. CONSTRUCTION SPECIFICATIONS: LVVWD UNIFORM DESIGN AND CONSTRUCTION STANDARDS FOR POTABLE WATER DISTRIBUTION SYSTEMS, 3RD EDITION.
2. REFER TO LVVWD UDACS PLATE NO. 31 AND 34 FOR ADDITIONAL INFORMATION AND GENERAL NOTES.

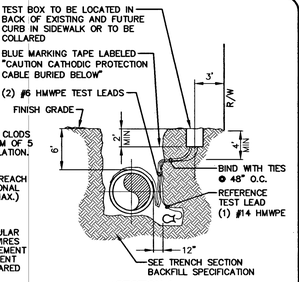
THRUST BLOCK (4A)
NOT TO SCALE

APPROXIMATE PIPELINE STATIONING OF TEST STATION		
DWG NO.	STATION	ADDITIONAL WIRE
22	325+55.06	NO
–	–	–
26	346+35.02	NO
31	14+18.01	–
–	–	–
–	–	–

TEST BOX TO BE LOCATED IN BACK OF EXISTING AND FUTURE CURB IN SIDEWALK OR TO BE COLLARED

BLUE MARKING TAPE LABELED "CAUTION CATHODIC PROTECTION CABLE BURIED BELOW"

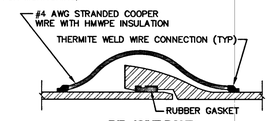
(2) #6 HMWPE TEST LEADS



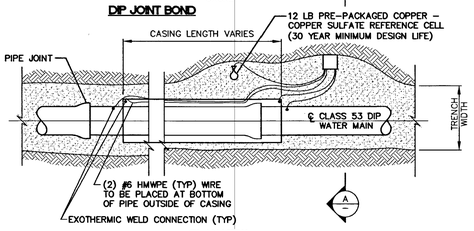
SECTION A

NOTES:

1. USE ONLY NATIVE SOIL FREE OF ROCKS AND CLODS FOR BACKFILL AROUND CELLS WITH A MINIMUM OF 5 GALS OF WATER SATURATION DURING INSTALLATION. DO NOT USE SAND AS BACKFILL.
2. SUPPLY ENOUGH WIRE FROM EACH LEAD TO REACH FULL EASEMENT WIDTH PLUS FIVE (5) ADDITIONAL FEET. COIL WIRE IN BOTTOM OF BOX. (200' MAX.)
   BLACK WIRE – CASING
   WHITE WIRE – DIP PIPELINE
3. TEST STATION PLACEMENT TO BE PERPENDICULAR TO PIPE, AT INTERSECTIONS, TEST STATION WIRES TO BE PLACED PARALLEL TO PIPE FOR PLACEMENT PERPENDICULAR TO PIPE AFTER ROAD EASEMENT RADIUS. PLACE IN SIDEWALK OR TO BE COLLARED
4. STANDARD CASING PER UDACS PLATE 23 W/ ANNULAR SPACE FILLED WITH CLASS I CLSM PIPE TO BE TYPE 53 DIP RESTRAINED FULL LENGTH, AND DOUBLE WRAPPED
5. DIP PIPE JOINT BONDING PER DETAIL PL12-9 AND BELOW (ALL PIPE JOINTS AS REQUIRED BY LVVWD FOR MONITORING)

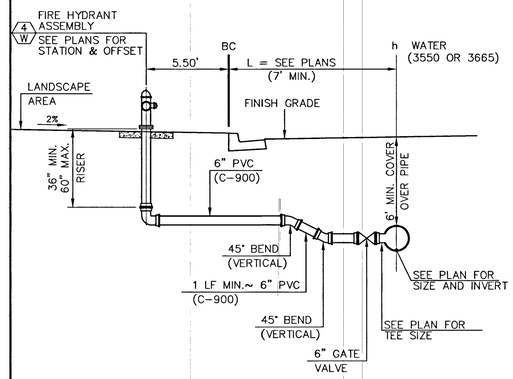


DIP JOINT BOND



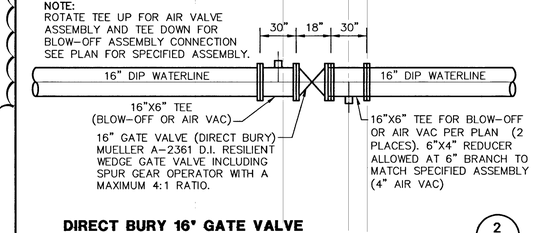
PLAN VIEW

EASEMENT / COMMON ELEMENT DETAIL TYPE 'T' TEST STATION WITHOUT ANODES (4)
NOT TO SCALE

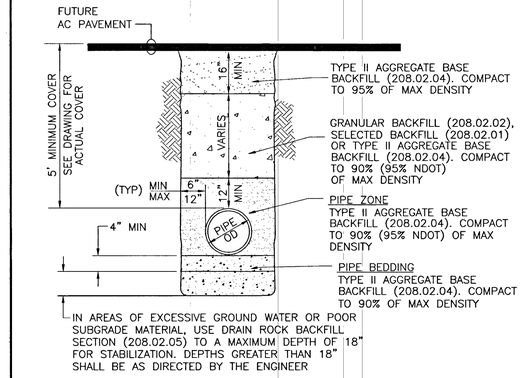


TYPICAL FIRE HYDRANT LATERAL PROFILE (3)
NOT TO SCALE

NOTE:
ROTATE TEE UP FOR AIR VALVE ASSEMBLY AND TEE DOWN FOR BLOW-OFF ASSEMBLY CONNECTION SEE PLAN FOR SPECIFIED ASSEMBLY.



DIRECT BURY 16" GATE VALVE (2)
NOT TO SCALE



TRENCH BACKFILL FOR 16" D.I.P. WATER PIPE (1)
NOT TO SCALE

APPROVED FOR CONSTRUCTION 1ST APPD. 03/24/15
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER
PROJECT NO. #123259 DATE: 7/27/15

REV	DATE	DESCRIPTION	DATE	AGEN APP	DATE	GCW APP	DATE
1	07/24/15	DOWNSIZED DUAL 24" WATERMAINS ALONG SKY VISTA & SUNCREEK	9/15/15				
		REVISED 48" SD LAT. SDMH #16, CURVE TABLE AND STREET SECTIONS					

ENGINEER - STATE OF NEVADA - JOSHUA D. FISHER - No. 13786 - PROFESSIONAL ENGINEER - DATE: 07/24/2015

PROJECT NO. 62024-221
DESIGN: GCW
DRAWN: GCW
CHECK: JLJ
PLOT DATE: 07-24-15
PLOT TIME: 16:56:35

G.C. WALLACE COMPANIES
ENGINEERS | PLANNERS | SURVEYORS
1555 S. RAINBOW BLVD - LAS VEGAS, NV 89146
T: 702.804.2000 - F: 702.804.2299 - GCWALLACE.COM
LAS VEGAS
F:\Projects\600\62024-221\DWG\Production\V24-221_A3-D13.dwg
Paul Brennard

THE HOWARD HUGHES COMPANY, LLC

VILLAGE 23A/24 - SKY VISTA IMPROVEMENT PLANS
DESERT MOON DR TO ALTA DR INCLUDING SUNCREEK RD

UTILITY DETAILS 2

DRAWING 43
43 OF 54 SHTS

SID NO. 812 PROJECT 5 AND 12
SID NO. 809 PROJECT 13 AND 810 PROJECT 8

gcw62-24 dwg 07/22/03 jlm

H#: 57159 CLV#: 107V6423