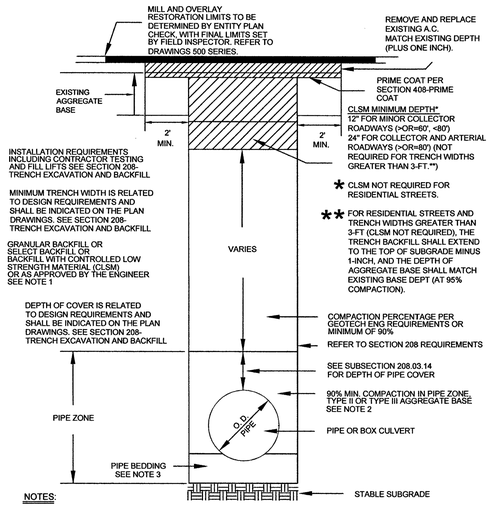

NOTES:

1. NO STONES OR LUMPS GREATER THAN 3" PERMITTED IN TRENCH 2' OR LESS IN WIDTH.
2. TRENCH WIDTH, BEDDING, SUBGRADE AND PIPE ZONE REQUIREMENTS FOR UTILITY INSTALLATIONS SHALL CONFORM TO THE RESPECTIVE ENTITY REQUIREMENTS.
3. CRUSHED ROCK MAY BE USED FOR PIPE BEDDING ONLY IF MATERIAL USE HAS BEEN SPECIFICALLY APPROVED BY THE GOVERNING AGENCY. SEE STANDARD DRAWING NO. 505 FOR PIPE BEDDING METHODS.
4. LAS VEGAS VALLEY WATER DISTRICT REQUIRES PIPE BEDDING AND BACKFILL WITHIN THE PIPE ZONE TO BE OF THE SAME MATERIAL.

RTC STD DWG 503

STEEL MATERIAL LIST

ITEM#	QTY. (DESIGN)	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
1	21'		100-1024	Pipe STL CTD X-52 ERW 4-1/2" X 0.237" WT NMDA
2	1		140-3031	Cap Steel Weld 4" 4-1/2" OD 0.237" WT WPHY-52 NMDA
3	1		120-3744	Valve Ball STL 4" Weld Ends ANSI 600 CMRN
4	2,793'		100-0014	Pipe STL CTD X-52 8-5/8" X 0.322" WT NMDA
5	1		140-3320	Cap Steel Weld 8" 8-5/8" OD .322" WT Y-52 NMDA
6	1		270-0986	Valve Ball STL 8" Weld Ends
7	4		251-2300	Anode 32LB Magnesium High Potential10'Lead NMDA
8	1		140-5084	Reducer Steel Weld 8" X 6" STD WT Y-52 NMDA
9	1		140-5426	Tee Reducing Steel Weld 8"X8"X4" STD WT Y-52 NMDA
10	18		140-4493	Elbow STL Weld 8" 45 Degree 3R 0.322" WT Y-52 NMDA
11	2		160-9272	Equalization Fitting 2" x 5-5/16" MAOP 3600 TDWL
12	1		140-3050	Cap Steel Weld 6" STD Grade Y52 Prequalified NMDA (Testing Only)
13	1		251-2406	Cathodic Terminal Test Station 4"X18" Long HNDY

PURGE STACK / INJECTION STACK MATERIAL LIST

ITEM#	QTY. (DESIGN)	QTY. (AS-BUILT)	STOCK ID#	DESCRIPTION
14	14'		100-1266	Pipe STL CTD GRD B SMLS ERW 2-3/8" X 0.154"WT NMDA
15	2		100-8999	Sleeving 4" PVC Straight Bell Ends 20FT Joint NMDA
16	1		100-9004	Sleeving 8" PVC SCH 40 Straight 20FT Joint NMDA
17	2		120-4123	Valve SS 3/4" T-SS 2000N 2000 PSIG
18	2		120-4144	Valve Ball STL 2" Weld Ends ANSI 600 CMRN
19	2		140-4055	Elbow STL Weld 2" 90 Degree LR STD WT NMDA
20	2		141-4790	Nipple Swage STL 2" X 3/4" Bare Or Zinc NMDA
21	2		160-8073	Tee 2" Weld Service 1440 PSIG MULR
22	1		163-7055	Lid 30" With Ring Heavy Duty Marked "GAS" DLFS
23	5		163-7515	Ring Concrete 30" X 12" NMDA
24	2		140-3747	Coupling FS 2" Socket Weld 3000 LB CPTL
25	2		850-9713	Plug FS BLK Square Head 3/4" Threaded NMDA
26	1		142-0905	Cap Debris W/Locator Wheel/ID Plate Black SWSV

PIPE SIZE (in)	8
OUTSIDE DIAMETER (in)	8.625
WALL THICKNESS (in)	0.322
INTERNAL DIAMETER (in)	7.981
GRADE	X-52
SEGMENT LENGTH (ft)	2,830
PIPE CAPACITY (GAL/FT)	2.60
TOTAL PIPE CAPACITY (GAL)	7232.48

H.P. = HIGH POINT
L.P. = LOW POINT
T.H. = TEST HEADER
P.O.B. = POINT OF BEGINNING
E.O.M. = END OF MAIN

PRESSURE DROPS 0.433 PSIG PER FOOT INCREASE IN ELEVATION

DO NOT EXCEED 1400 PSIG FOR ANY PORTION OF THE TEST. PRESSURE SHALL NOT FALL BELOW 1080 PSIG FOR ANY PORTION OF THE TEST.

HYDROSTATIC TEST INFORMATION

811 Know what's **below.** **Call** before you dig.

NO.	DESCRIPTION	BY	DATE	APPVD.
1.				
2.				
3.				
4.				

REVISIONS

SOUTHWEST GAS CORPORATION

TAX CODES	UNIT NO.	UNIT TYPE	INSTL.	RETIRED	INSTL.	RETIRED
			PROPOSED		COMPLETED	

SEE SHEET 2

PROPERTY UNITS

AS-BUILT DRAWING-PRESSURE TEST DATA

PIPE DIA. ____ TEST MEDIUM: ☐ AIR ☐ NITROGEN ☐ WATER ☐ SOAP — TEST METHOD: ☐ GAUGE ☐ CHART
PIPE LENGTH ____
PIPE TYPE ____
MIN. DURATION ____ GAUGE/PRESS REC SN#
START ____ END ____
TEST PRES. (PSIG) ____
TIME ____
DATE ____
PERFORMED BY ____

SEE SHEET 2

VISUAL INSPECTION CERTIFICATION

I HAVE VISUALLY INSPECTED ALL HEATED FUSIONS, SOLVENT CEMENT, MECHANICAL JOINTS, AND WELDS THAT I HAVE PERFORMED

NAME ____ DATE ____

SEE SHEET 2

AS-BUILTS ACCEPTED BY ____ DATE ____
POSTED BY ____ DATE ____
POSTING QC'D BY ____ DATE ____

CONSTRUCTION

INSPECTOR ____
FOREMAN ____
REVIEWED BY ____

SEE SHEET 2

PERMIT INFORMATION
CITY OF LAS VEGAS

TAX CODE
02-0200

ISOLATION AREA	W.R. NO.
ISO_21 DIST_323	2011714

LOCATION	ATLAS #/TILE #
T20S	x561y516
R59E	x561y514
SEC 33	x564y514
M.D.M.	x564y512

ENGINEER/TECH: EDWARD THURMAN — PHONE: 702-365-2174
ACCOUNT REP: SHANTE ANDERSON — PHONE: 702-528-8596
PROJECT CONTACT: CHRIS ANDERSON — PHONE:
SHEET NO: 4 OF 15 — SCALE: N.T.S. — DATE: 9/15/15
DWN. BY: ZONE ENG — CHKD. BY: — APPVD. BY:

TITLE

SUMMERLIN VILLAGE 23A/24
SKY VISTA IMPROVEMENTS

70

H# 57159 107V6423