

FOR STEEL ONLY:

ipe to Soil _____

ANODE INSTALLED?

☐ Yes ☐ No

IF YES, PIPE TO SOIL _____

TYPE OF PIPE COATING

2 ☐ Tar Wrap

3 ☐ Asphalt

4 ☐ Pritec

6 ☐ Fusion Bonded Epoxy

8 ☐ Plastic Tape Wrap

9 ☐ Extruded Poly Coating

10 ☐ Other _____

CONDITION OF PIPE COATING

E ☐ Excellent

G ☐ Good

F ☐ Fair

P ☐ Poor

N ☐ No Coating

CONDITION OF PIPE

If Exposed, External

EG ☐ Good

ESC ☐ Slight Corrosion

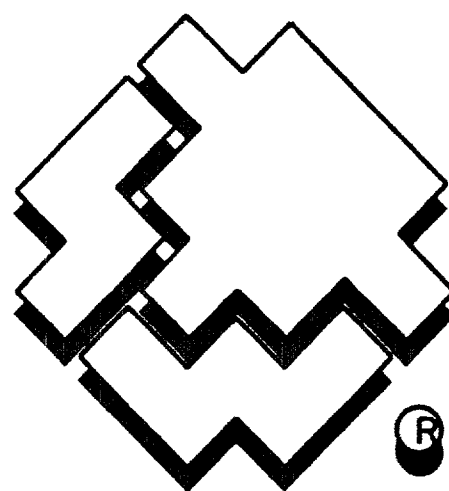
EHC ☐ Heavy Corrosion

If Cut or Coupon, Internal

IG ☐ IG

ISC ☐ ISC

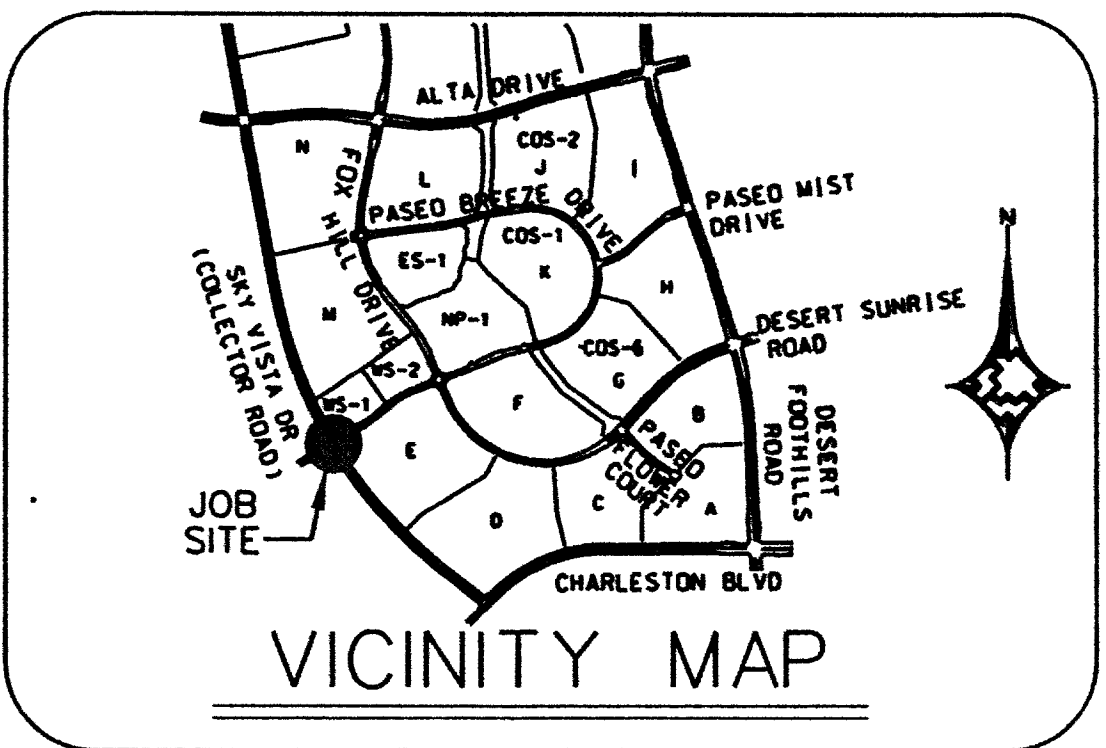
IHC ☐ IHC



SOUTHWEST GAS CORPORATION

DESERT MOON & SKY VISTA 6" STEEL

CITY OF LAS VEGAS
WR#206226 - 6" STL



SOUTHWEST GAS MATERIAL STRENGTH TEST PRESSURE REPORT

PROJECT: DESERT MOON & SKY VISTA DRIVE 6" STEEL WR#206226

DIVISION: 21 DATE: 09/19/05

LOCATION: LAS VEGAS
DESERT MOON / SKY VISTA DR.
TEST SECTION

DESIGN MAOP: 720 F = 0.50

CLASS: 3 E = 1.0

TEST MEDIUM: NITROGEN T = 1.0

SUMMARY: 6" STEEL TEST

Footage to be tested: 197 ft

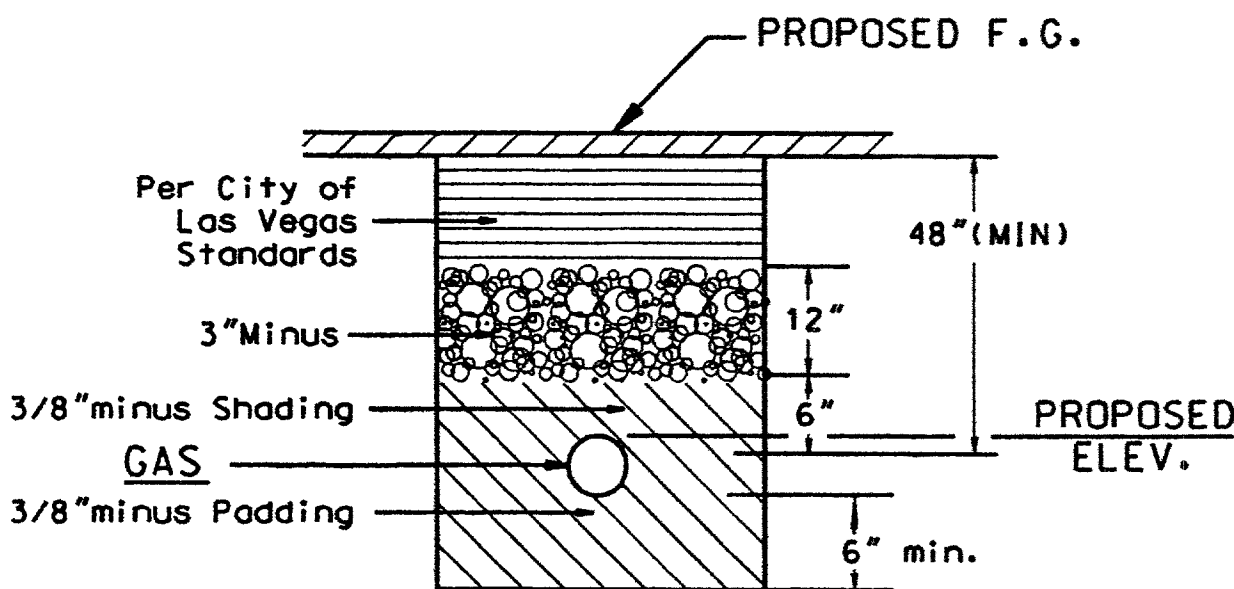
Minimum test pressure: 1,080 psig

Maximum test pressure: 1,440 psig

Minimum test duration: 4 HR

COMMENTS:

COMPLETED BY: DAVID FRIEDLANDER DATE: 19-SEP-05



TRENCH DETAIL
FOR UNIMPROVED AREAS ONLY
CLV

CONSTRUCTION NOTES:

1. GAS MAINS SHALL BE PURGED PER OPERATIONS MANUAL.
2. ALL PIPELINE CONSTRUCTION SHALL CONFORM TO APPLICABLE JURISDICTION SPECIFICATIONS.
3. DO NOT SCALE THIS DRAWING.
4. 6" STL PIPE TO BE INSTALLED A MINIMUM OF 5' BELOW EXISTING OR FUTURE GRADE, WHICHEVER IS LOWER.
5. 6" STL TO BE INSTALLED AS INDICATED ON THE PLAN & PROFILE ANY REQUEST FOR CHANGES MUST HAVE PRIOR APPROVAL FROM SOUTHWEST GAS PROJECT ENGINEER.
6. WELDS ON 6" STL LINE TO BE 100% X-RAYED AND 100% SURVEYED. ALL WELDS AND WELD NUMBERS TO BE DOCUMENTED ON AN AS-BUILT DRAWING.
7. RE-GAS AND DE-GAS PROCEDURES TO BE PERFORMED BY SWG PERSONNEL. COORDINATE WITH CONSTRUCTION SUPERVISOR. RON DEAN - 365-2030.
8. NITROGEN TEST OF 6" STL PIPE TO BE PERFORMED PER STRENGTH TEST & SAFETY PROCEDURE INCLUDED WITH PACKAGE.
9. PROTECT IN PLACE EXISTING UTILITIES. CCWRD UTILITIES: SANITARY SEWER (S); LVWD UTILITIES: WATER (W). CONTACT ENTITIES AS APPLICABLE.
10. SWG CONTACTS: DAVID FRIEDLANDER 365-2203 OR CRAIG SISCO 365-2174.
11. AN INTERMEDIATE LEAK TEST MUST BE PERFORMED PRIOR TO STRENGTH TESTING FOR 6" STL STUB. THE PRESSURE FOR THE TEST MAY RANGE FROM 100 PSIG TO 428 PSIG.
12. APPROXIMATE LOCATION OF FACILITY. CONTACT CP PRIOR TO TEST STATION INSTALLATION FOR EXACT LOCATION.
13. DESERT MOON IS UNPAVED. COMPLY WITH RTC STD. 502.
14. SKY VISTA DRIVE IS UNPAVED. COMPLY WITH RTC STD. 502.

PURGE NOTE:

PURGE PLAN WAS COMPLETED IN ACCORDANCE WITH THE OPERATIONS MANUAL GUIDELINES BY:

Name _____ Date _____

GENERAL NOTE:

ALL MEASUREMENTS ARE FROM BACK OF CURB.

LEGEND:

- EXISTING GAS LINE
- PROPOSED MAIN GAS LINE
- PROPOSED SERVICE GAS LINE
- BOUNDARY LINE
- RIGHT OF WAY LINE
- STREET CENTERLINE
- BACK OF CURB / LOT LINE
- EX. BACK OF CURB / LOT LINE
- SEWER LINE
- W LINE
- SD STORM DRAIN LINE
- FIRE HYDRANT

MSA - _____

DESIGN LOAD: _____ CFH @ 5#

SX#: _____

WELD PROCEDURES USED:

Signature _____

Date _____

Valve Sheet Required

Yes ☐ No ☐

PIG INFORMATION		
MAKE	STYLE	CONDITION
#		
#		
#		
#		
#		

Call before you Dig.

1-800-227-2600

UNDERGROUND SERVICE (USA)

(48 HR. BEFORE IF POSSIBLE)

NOTE:

THERE IS 197' OF 6" STL PIPE IN THE CITY OF LAS VEGAS R/W.

MATERIAL LIST			
ITEM #	QTY.	DESCRIPTION	STOCK #
1	197'	PIPE 6" STEEL, COATED, 6 3/8" OD x 0.280" WALL THICKNESS, GRADE X-46, DRL	100-0127
2	1	CAP 6" STEEL WELD, STANDARD WALL, Y-52, PREQUALIFIED	140-3050
3	2	ELBOW, 6", 90°, STL WELD, STANDARD WALL, GRADE Y-52, PREQUALIFIED	140-4490
4	1	EQUALIZATION FITTING, 2" IPS x 3" LONG, MAXIMUM OPERATING PRESSURE 1440 PSI, COMPLETION CAP FORGED STEEL, NIPPLE IS ASTM A105	160-6852
5	1	ANODE, 32 POUND, MAGNESIUM, HIGH POTENTIAL, WITH 10' OF #12 OR #14 TYPE TW OR THIN SOLID COPPER LEAD WIRE, WITH BACKFILL MIXTURE, PACKAGED INDIVIDUALLY	251-2300
6	1	CATHODIC TERMINAL TEST STATION, MIN ID 4" x 18" LONG, AS POLYMER W/5 FEED THROUGH POST TYPE TERMINALS AND CAST IRON LID MARKED "TEST STATION", BELOW GROUND	251-2406

ELAND 12-30-05

CLV

3760206				6" STL	197' ±							
NO.				DESCRIPTION	BY	DATE	APPVD.					
REVISIONS												
UNIT NO.				UNIT TYPE	INSTL.	RET.	INSTL.	RET.				
					PROPOSED		COMPLETED					
					PROPERTY UNITS							