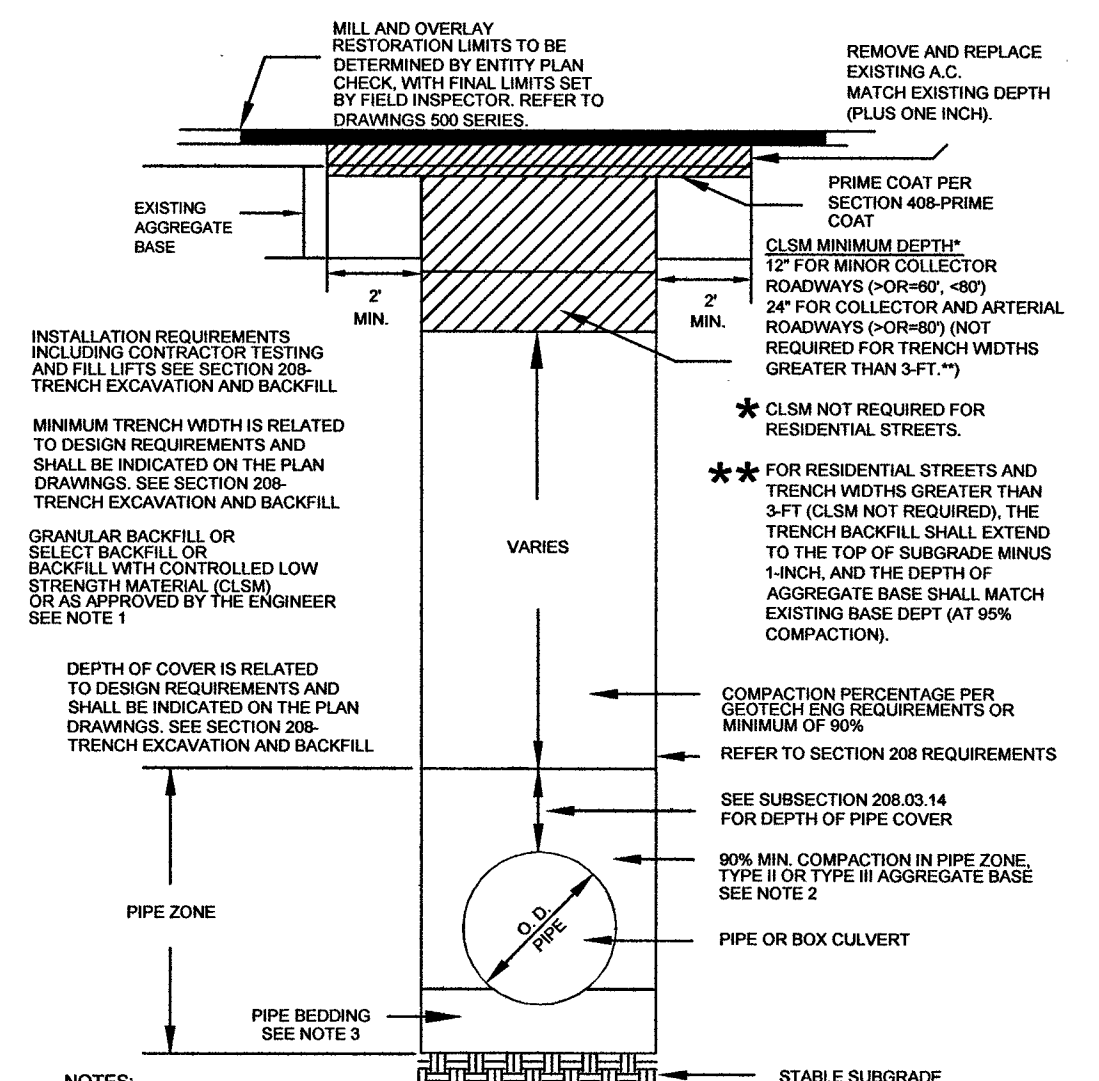


PIPE SIZE (in) 8  
 OUTSIDE DIAMETER (in) 8.625  
 WALL THICKNESS (in) 0.322  
 INTERNAL DIAMETER (in) 7.981  
 GRADE X-52  
 SEGMENT LENGTH (ft) 2,668  
 PIPE CAPACITY (GAL/FT) 2.60  
 TOTAL PIPE CAPACITY (GAL) 7232.48

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.

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

	P.O.B.	H.P.	L.P.	E.O.M./T.H.
STATION	322+07.00	350+03.94	322+07.00	350+03.94
ELEVATION (FEET)	3315.24	3432.03	3315.24	3432.03
MIN. PRESSURE (PSIG)	1,133	1,080	1,133	1,080
MAX. PRESSURE (PSIG)	1,200	1,147	1,200	1,147



- NOTES:
- NO STONES OR LUMPS GREATER THAN 3" PERMITTED IN TRENCH 2' OR LESS IN WIDTH.
  - TRENCH WIDTH, BEDDING, SUBGRADE AND PIPE ZONE REQUIREMENTS FOR UTILITY INSTALLATIONS SHALL CONFORM TO THE RESPECTIVE ENTITY REQUIREMENTS.
  - CRUSHED ROCK MAY BE USED FOR PIPE BEDDING ONLY IF MATERIAL USE HAS BEEN SPECIFICALLY APPROVED BY THE GOVERNING AGENCY. SEE STANDARD DRAWING NO. 905 FOR PIPE BEDDING METHODS.
  - LAS VEGAS VALLEY WATER DISTRICT REQUIRES PIPE BEDDING AND BACKFILL WITHIN THE PIPE ZONE TO BE OF THE SAME MATERIAL.

RTC STD DWG 503

SOUTHWEST GAS MATERIAL STRENGTH TEST PRESSURE REPORT

PROJECT: SUMMERLIN VILLAGE 23A/24 SKY VISTA WR#: 2011729  
 IMPROVEMENTS DIVISION: 21  
 LOCATION: ALTA DR AND SKY VISTA DR DATE: 5/18/15

DESIGN MAOP: 720 F= 0.5  
 CLASS: 3 E= 1.0  
 TEST MEDIUM: WATER T= 1.0

SUMMARY:  
 PIPE & COMPONENT TO BE TESTED: 2,851  
 MINIMUM TEST PRESSURE: 1,080  
 MAXIMUM TEST PRESSURE: 1,200  
 MINIMUM TEST DURATION: 4 HR

COMPLETED BY: EDWARD THURMAN DATE: 5/18/15

COMMENTS: STRENGTH TEST FOR HIGH PRESSURE HP MAIN.  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



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

REVISIONS

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

PROPERTY UNITS

TEST PRES. (PSIG)	TIME	DATE	PERFORMED BY

VISUAL INSPECTION CERTIFICATION  
 I HAVE VISUALLY INSPECTED ALL HEATED FUSIONS, SOLVENT CEMENT, MECHANICAL JOINTS, AND WELDS THAT I HAVE PERFORMED.  
 NAME: \_\_\_\_\_ DATE: \_\_\_\_\_  
 INSPECTOR: \_\_\_\_\_  
 FOREMAN: \_\_\_\_\_  
 REVIEWED BY: \_\_\_\_\_

CONSTRUCTION PERMIT INFORMATION  
 CITY OF LAS VEGAS  
 TAX CODE 02-0200

ISOLATION AREA	W.R. NO.
ISO 21 DIST_323	2011714

ENGINEER/TECH: EDWARD THURMAN  
 ACCOUNT REP: SHANTE ANDERSON  
 PROJECT CONTACT: CHRIS ANDERSON  
 SHEET NO: 14 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  
 4d 57159 107V6#23