

Vicinity Map

BASIS OF COORDINATES

SECTION CORNER COMMON TO SECTIONS 10, 11, 14 & 15 TOWNSHIP 20S, RANGE 60E IN THE INTERSECTION OF LORENZI BLVD. AND CHEYENNE AVE.
 N 10,000.00
 E 10,000.00

BASIS OF BEARING

MONUMENT LINE ALONG CHEYENNE AVE.
 EAST OF LORENZI BLVD. S84°07'00"E
 AS SHOWN ON RECORD OF SURVEY,
 COUNTY RECORDERS OFFICE, CLARK COUNTY,
 NEVADA FILE 45 PAGE 41.

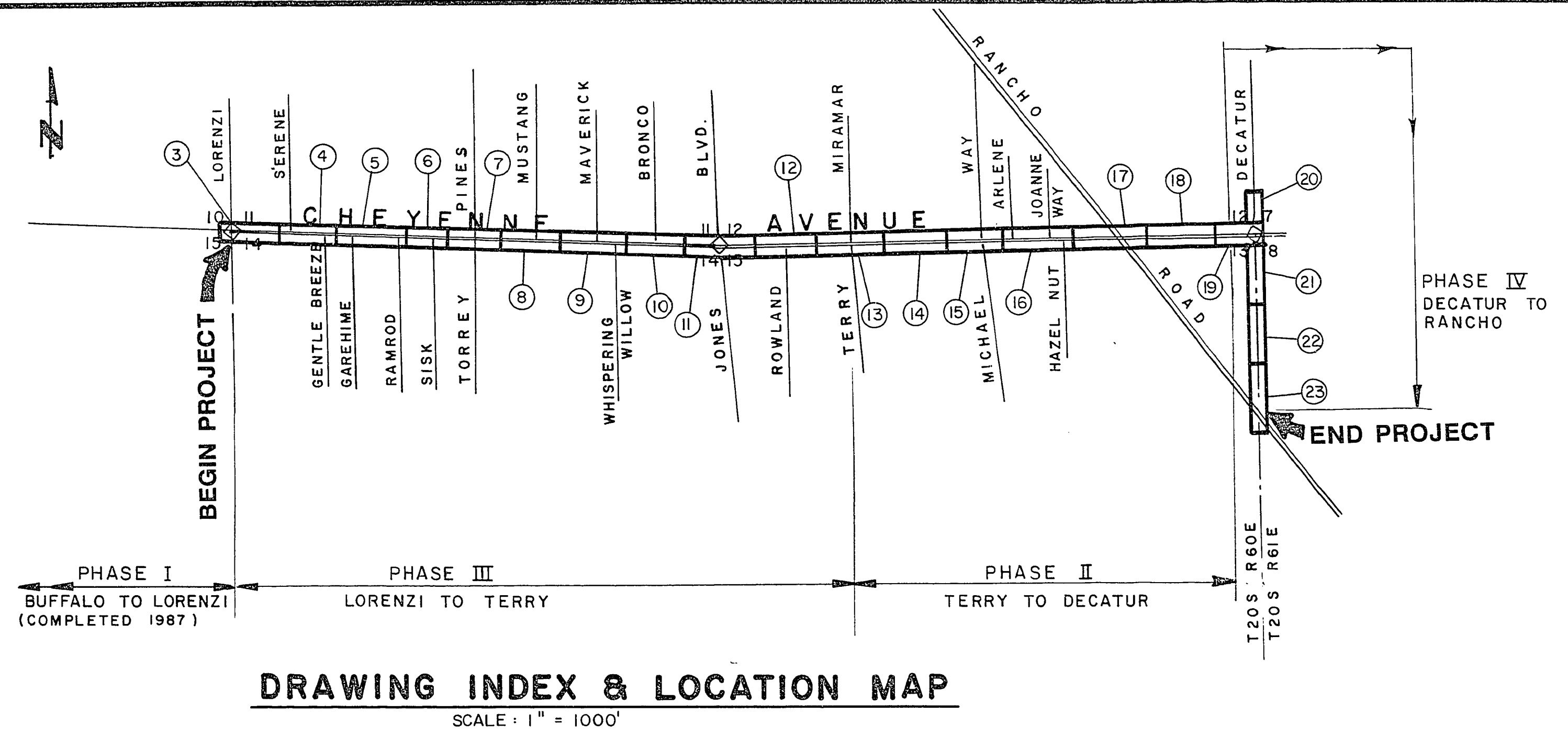
BENCH MARK

SW CORNER TORREY PINES
 TOP OF CURB # 7C0014N4
 EL. 2284.46

Avoid cutting underground utility lines. It's costly.

Call before you Dig.

1-800-227-2600 AS BUILT



DRAWING INDEX & LOCATION MAP

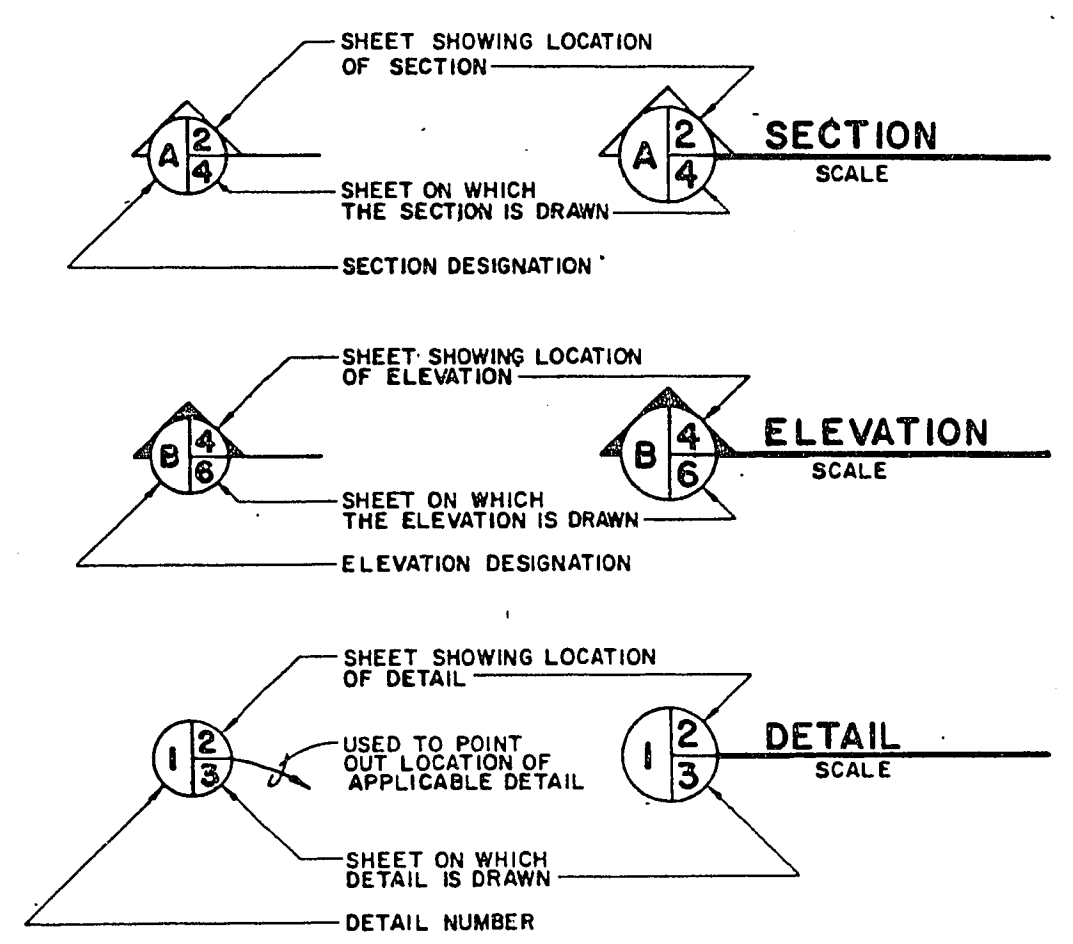
SCALE: 1" = 1000'

LIST OF DRAWINGS

1. COVER SHEET
2. MAPS, LEGEND, LIST OF DRAWINGS & GENERAL NOTES
3. PLAN & PROFILE, STA. 0+00 TO 5+88 LORENZI BLVD. CROSSING
4. PLAN & PROFILE, CHEYENNE AVE. STA. 5+88 TO 11+93 CRESSA TO GENTLE BREEZE
5. PLAN & PROFILE, CHEYENNE AVE. STA. 11+93 TO 17+92 GAREHIME ST. TO RAMROD ST.
6. PLAN & PROFILE, CHEYENNE AVE. STA. 17+92 TO 23+90 SISK RD. CROSSING
7. PLAN & PROFILE, CHEYENNE AVE. STA. 23+90 TO 29+95 TORREY PINES CROSSING
8. PLAN & PROFILE, CHEYENNE AVE. STA. 29+95 TO 35+95 MUSTANG ST. CROSSING
9. PLAN & PROFILE, CHEYENNE AVE. STA. 35+95 TO 41+95 MAVERICK TO WHISPERING WILLOW
10. PLAN & PROFILE, CHEYENNE AVE. STA. 41+95 TO 47+95 BRONCO RD. CROSSING
11. PLAN & PROFILE, CHEYENNE AVE. STA. 47+95 TO 54+44 JONES BLVD. CROSSING
12. PLAN & PROFILE, CHEYENNE AVE. STA. 54+44 TO 60+24 ROWLAND ST. & GOLETA DR. CROSSINGS
13. PLAN & PROFILE, CHEYENNE AVE. STA. 60+24 TO 66+24 TERRY LN. & MIRAMAR DR. CROSSINGS
14. PLAN & PROFILE, CHEYENNE AVE. STA. 66+24 TO 72+24
15. PLAN & PROFILE, CHEYENNE AVE. STA. 72+24 TO 78+82 MICHAEL WAY CROSSING
16. PLAN & PROFILE, CHEYENNE AVE. STA. 78+82 TO 85+42 ARLENE TO HAZEL NUT
17. PLAN & PROFILE, CHEYENNE AVE. STA. 85+42 TO 92+08 RANCHO RD. CROSSING
18. PLAN & PROFILE, CHEYENNE AVE. STA. 92+08 TO 98+60
19. PLAN & PROFILE, CHEYENNE AVE. STA. 98+60 TO 103+68 DECATUR BLVD.
20. PLAN & PROFILE, PS LINE @ DECATUR BLVD.
21. PLAN & PROFILE, DECATUR BLVD. STA. 103+68 TO 109+66
22. PLAN & PROFILE, DECATUR BLVD. STA. 109+66 TO 116+16
23. PLAN & PROFILE, DECATUR BLVD. STA. 116+16 TO 119+68
24. STANDARD MANHOLE, TRENCH & LATERAL DETAILS
25. MANHOLE DETAILS
26. MANHOLE DETAILS
27. MANHOLE DETAILS

LEGEND

ABBREVIATIONS	SYMBOLS
AC ASPHALTIC CONCRETE	---TS--- EXIST. BURIED TRAFFIC SIGNAL CABLE
ACP ASBESTOS CEMENT PIPE	---E--- EXISTING BURIED ELECTRIC
EXIST. EXISTING	---G--- EXISTING BURIED GAS
INV. INVERT	---S--- EXISTING STORM DRAIN
PE POLYETHYLENE PIPE	---O--- EXISTING SANITARY SEWER
PVC POLYVINYL CHLORIDE PIPE	---T--- EXISTING BURIED TELEPHONE
SIG TRAFFIC SIGNAL	---P--- EXISTING OVERHEAD POWER
SCCP STEEL CYLINDER CONCRETE PIPE	---W--- EXISTING BURIED WATER
TMH TOP OF MANHOLE	⊗ EXISTING VALVE IN PLAN
VCP VITRIFIED CLAY PIPE	□ TV EXISTING CABLE TV BOX
B.O.B. BASIS OF BEARINGS	□ E EXISTING ELECTRIC PULL BOX
CONC. CONCRETE	□ T EXISTING TELEPHONE PULL BOX
CONST. CONSTRUCTION	△ EXISTING TRANSFORMER
R.O.W. RIGHT OF WAY	▲ CONTROL POINT
∠ PT. ANGLE POINT	⊕ EXISTING FIRE HYDRANT
HDPE HIGH DENSITY POLYETHYLENE	⊕ EXISTING TRAFFIC SIGNAL PULL BOX
F.G. FINISH GRADE ELEVATION	⊕ EXISTING OVERHEAD TELEPHONE
	⊕ EXISTING LIGHT STANDARD
	⊕ EXISTING POWER POLE
	⊕ EXISTING MASONRY WALL
	---W--- EDGE OF AC PAVEMENT
	(84.7) EXISTING ELEVATION
	86.24 DESIGN ELEVATION
	+ + + LAWN OR NATURAL TERRAIN IN PLAN
	---S--- NEW SEWER
	⊕ NEW MANHOLE



PLAN SET REFERENCE SYMBOLS

GENERAL NOTES CONTINUED

28. Verify elevations for all existing manholes and other utility lines prior to construction.
29. Locate existing 30" HDPE pipe at the intersection of Jones Boulevard, and verify location and elevation prior to construction.

GENERAL NOTES

1. All construction and materials shall be in accordance with the "Uniform Standard Specifications for Public Works Construction Off-Site Improvements, Clark County Area, Nevada", latest issue; the "Uniform Standard Drawings for Public Works Construction, City of Las Vegas"; and other applicable approved standards issued by the controlling agency; the Uniform Building Codes; and all local city codes and ordinances applicable.
2. The existence and location of any underground utility pipes or structures shown on these plans were obtained by a search of the available records. The contractor is required to take precautionary measures to protect the utility lines shown and any other lines not of record or not shown on these drawings. Existing utilities are located on plans only for the convenience of the contractor. Existing utility service laterals may not be shown on the plans.
3. The contractor shall take all precautionary measures necessary to protect existing improvements which are to remain in place, from damage, and all such improvements or structures damaged by the contractor's operations shall be repaired or reconstructed to satisfactory to the owner at the expense of the contractor.
4. The contractor shall not backfill any trenches in which waterlines have been uncovered until the waterlines have been inspected by the Las Vegas Valley Water District. The Water District shall be notified 48 hours in advance of construction in the vicinity of water lines.
5. All construction shall be as shown on these plans. Any alterations shall have the prior written approval of the City Engineer.
6. Type V Cement shall be used in all off-site concrete work. Concrete to be designed for a 5.5 sack mix with a maximum water/cement ratio of 0.45 (or as designed by the soils engineer). Mix design to be approved by the quality control division prior to use on the project.
7. The contractor shall, at his own expense, locate all overhead interferences which may affect his operation during construction and shall take all necessary precautions to avoid damage to same. The contractor shall use extreme caution when working near overhead or underground power and/or telephone facilities so as to safely protect all personnel and equipment, and shall be responsible for all costs and liability in connection therewith.
8. Permits are required for any work in the public right of way. The contractor shall secure all permits and inspections required for this construction.
9. Contractor shall provide all necessary horizontal and vertical transitions between new construction and existing surfaces to provide for proper drainage and for ingress and egress to said construction. Extent of transitions to be determined by the City Engineer and as shown on plans.
10. All grading work shall conform to the soils report as prepared by the Soils Engineer or per these plans.
11. Exact location of all sawcut lines may be determined in the field by a City of Las Vegas Inspector if location on plans is not clearly shown, or existing pavement conditions requires relocation.
12. The contractor shall take all precautions necessary to protect existing monuments and shall be installed. Any monuments disturbed shall be replaced and adjusted per available records in accord with N.R.S. Statute No. 625.550.
13. All sanitary sewer installations shall conform to the standard details and specifications of the City of Las Vegas and shall also conform to the Uniform Standard Specifications for Public Works Construction of Off-site Improvements, Clark County Area, latest edition, unless otherwise noted.
14. Contractor will chisel "S" or "G" in curbs where sewer or gas laterals pass under the curb.
15. Polyvinyl (PVC) sewer pipe shall meet ASTM D-3034 SDR 35 Specifications and shall be installed with sand bedding and backfill or Type II Gravel.
16. All manholes in paved streets with 80' R/W and larger, shall have concrete collars.
17. A sewer main crossing over a water main or less than 18" under a water main must be reinforced concrete encased pipe for a distance not less than ten feet (10') to each side of the centerline of the water main.
18. All 4" service laterals to be laid at not less than minimum slopes as shown in the district's standards.
19. Soil testing shall be in accordance with Section 3.10 "Soil Testing" Design and Construction Standards, Clark County Sanitation District, 1987 Edition.
20. All exfiltration, infiltration, and air testing of lines shall be in accordance with the District's design and construction standards.
21. Cut sheets must be submitted to the City of Las Vegas before commencing construction.
22. All contractors installing sewer mains that will be under the jurisdiction of the City of Las Vegas must obtain Class "A" licenses.
23. All lateral connections at the property or easement line require an inspection by the City of Las Vegas.
24. All stationing is relative to the horizontal distance along the centerline of sewer pipe.
25. The limit of payment for pipe shall be from the inside edge of the manhole. Horizontal distances shown on the profiles are to the inside diameter of manholes.
26. All construction signing, barricading and traffic delineation shall conform to the Nevada Work Zone Traffic Control Handbook - 1986 Edition, the "Manual of Uniform Traffic Control Devices" - 1978 or latest edition, and the requirements of the City of Las Vegas Traffic Engineering Division.
27. If the improvements necessitate the obliteration, temporary obstruction, temporary removal, or relocation of any existing traffic pavement markings, such pavement marking shall be restored or replaced with like materials to the satisfaction of the Las Vegas Traffic Engineer.

No.	12-28-88	ST	CITY'S 95% COMPLETION REVIEW COMMENTS	Job No. 48901.00	Designed DJM & KJE	Proj. Engr. KS & ST	URS CONSULTANTS, INC. Engineering and Environmental Consultants Las Vegas, Nevada	CITY OF LAS VEGAS CHEYENNE / WESTSIDE INTERCEPTOR	MAPS, LEGEND, LIST OF DRAWINGS AND GENERAL NOTES	SHEET 2 21
	DATE	BY	REVISION	SCALE	Drawn by DJM & CDM	Approved by MG & ST				
				AS INDICATED	Checked by KS & ST	Date 9-30-88				

307-V634