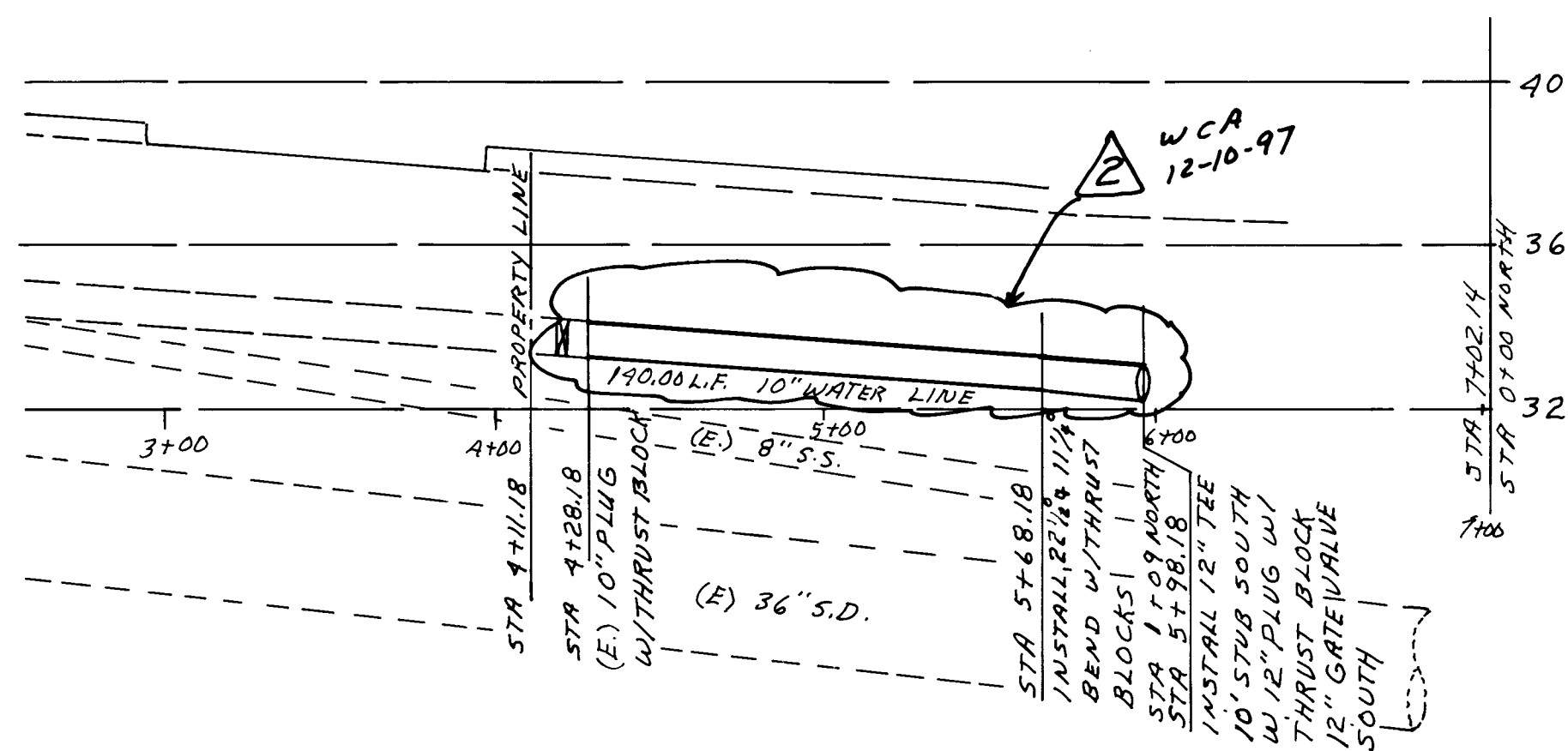


50 0 25 50 100
(IN FEET)
1 IN = 50 FEET



1. No work shall begin until the water plans have been released for construction by the LVVWD. Following water plan approval, 48 hour notice shall be given to the LVVWD Communication **Support Center (258-7171)** prior to the start of construction. Notice must be given by 2:00 p.m. the business day prior to a LVVWD inspection.
2. All work shall conform the LVVWD's Standard Plates, Drawings, and Specifications and the **Uniform Design and Construction Standards for Water Distribution Systems (UDACS)**, latest edition.
3. All work, except as modified by these plans or by Note 2, shall be done in accordance with the **most current draft or edition of the Uniform Standard Specifications for Public Works Construction** **Offsite Improvement**, Clark County Area.
4. A single pipe material shall be used throughout the project unless otherwise approved by the LVVWD.
5. All service laterals two (2) inches in diameter and smaller shall be copper tubing with LVVWD approved service saddles.
6. All water meter boxes shall be located outside of driveway areas.
7. All valves shall be located outside of driveways, valley and curb gutters.
8. The following requirements must be met in the event a water line and sanitary or storm sewer line cross:

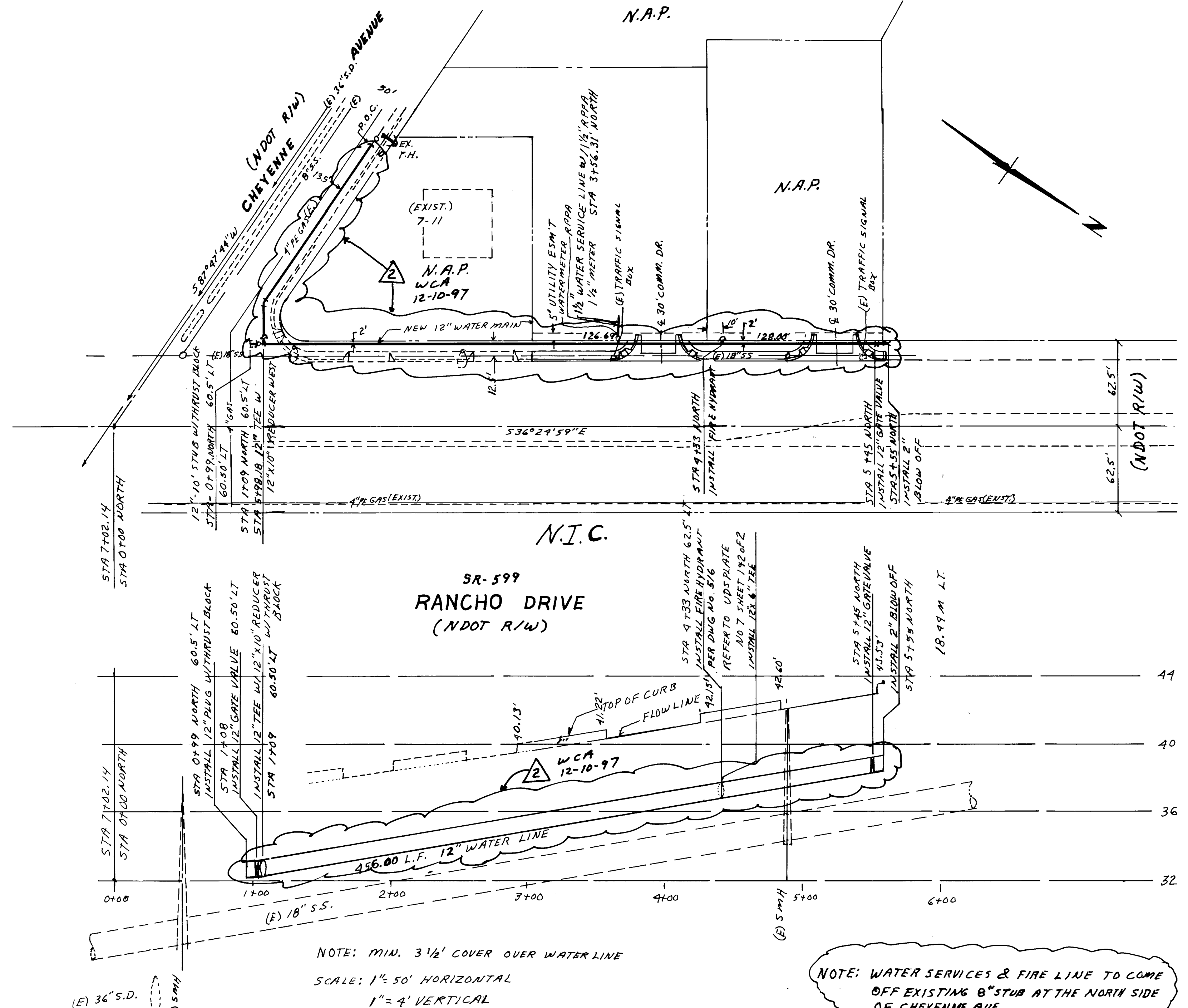
A minimum eighteen (18) inch vertical separation (outside to outside) must be maintained when the water line is installed over the sanitary or storm sewer line. If the vertical separation cannot be maintained or the water line must be placed under the sanitary or storm sewer line, the sanitary or storm sewer line must be constructed with one of the following or, as shown on these plans:

- a. Potable Water supply quality material.
 - b. Encasement, with four (4) inch concrete (minimum)
 - c. Sleeving with potable water supply quality pipe.
- Each provision must extend along the sanitary or storm sewer, on either side of the main, a minimum 10 foot distance perpendicular to the water main exterior.
9. Warning tape must be required over all mains, all six (6) inch diameter and larger service laterals, and any service lateral not installed perpendicular to the main in accordance with Standard Plate No. 27.
 10. All water facilities shall be filled, disinfected, pressure tested, flushed, filled and an acceptable water sample obtained, prior to connection to the LVVWD's distribution system.
 11. The contractor must obtain all meters two (2) inches and smaller from LVVWD Central Stores. Telephone 258-3152 forty-eight (48) hours prior to pickup.
 12. Construction may interrupt service, with LVVWD approval and proper notification, between the hours of 10 PM and 6 AM, Sunday through Thursday. Circumstances may require temporary service feeds be installed, without LVVWD reimbursement. Any temporary service feed must have prior LVVWD approval.
 13. All water facility construction materials used must be as listed on the LVVWD's Pre-Approved Materials and Manufacturers Listing for New Facilities, latest revision, or specifically approved on these plans.

ESN.019

Revised: April 25, 1996

CITY OF LAS VEGAS VERTICAL CONTROL NAVD 88:
STATION: CCBM, 12SSE6, 2,241.203 FEET , RIVET & PLATE IN TOP
OF CURB, NW RETURN OF CHEYENNE AVE. AND RANCHO ROAD.



Fire hydrant(s) to be installed
in accordance with the UDACS
Standard Plate No. 7
ESN.014

An approved NDOT Occupancy Permit shall be obtained through the District PRIOR to any construction within the NDOT right-of-way.

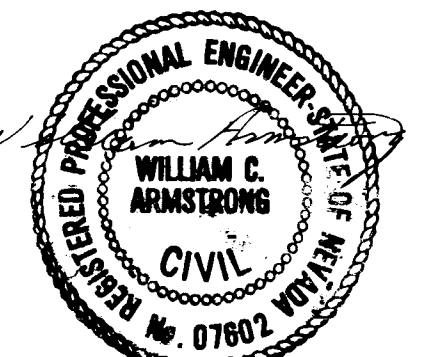
Approved Reduced Pressure Principle Assembly(s) shall be installed per the UDACS Plate No. 11A. No water shall be taken from a service requiring backflow prevention until the reduced pressure principle assembly has been successfully tested by the LVVWD.

Any block wall or other fence material shall be designed and constructed around the outside of the easement(s) to allow the District direct access from the adjacent right-of-way.

APPROVED FOR CONSTRUCTION ESN.018

Bonnie Croft 11-7-97
LAS VEGAS VALLEY WATER DISTRICT DATE

Amy H. Chang 7/16/97
CLV FIRE MARSHAL DATE



Sept 3, 1997

RONALD REISS TRUST
3625 SO. MOJAVE, SUITE 1
LAS VEGAS, NV 89121

WATER LINE EXTENSION
CHEYENNE AVE. & RANCHO DR.

DATE: 6-22-97
LAWN: WCA
SCALE: 1"=50'
BY: REISS
SHEET 4

= 7 SHEET(S)

