

REVISIONS	BY
MANY-PER C.A.	KK
	RLK

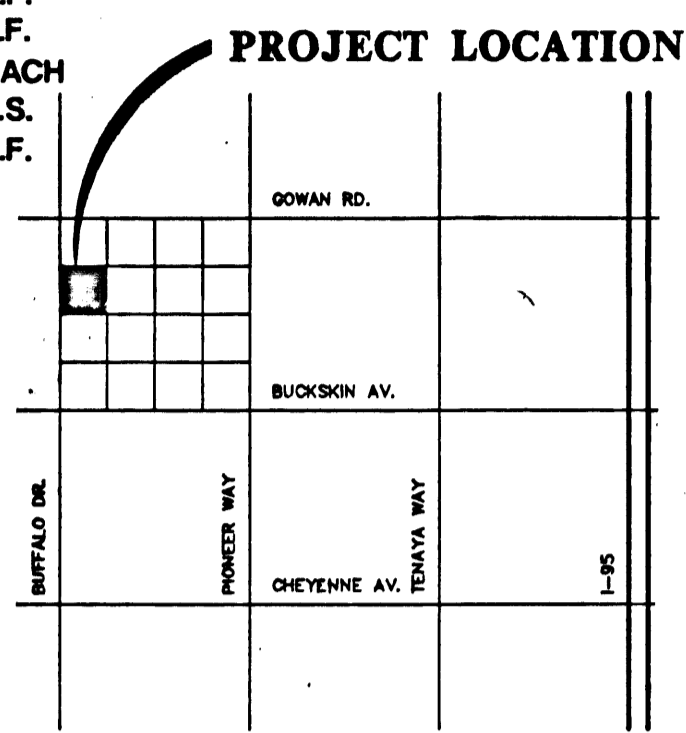
KRAEMER ENGINEERING CO., INC.
 3111 SO. VALLEY VIEW BLVD. SUITE NO. 1-105
 LAS VEGAS, NEVADA 89102
 TELEPHONE NO. (702) 362-4992

WORD OF LIFE CHRISTIAN CENTER
STREET PLAN/PROFILE
OFFSITE SEWER PLAN

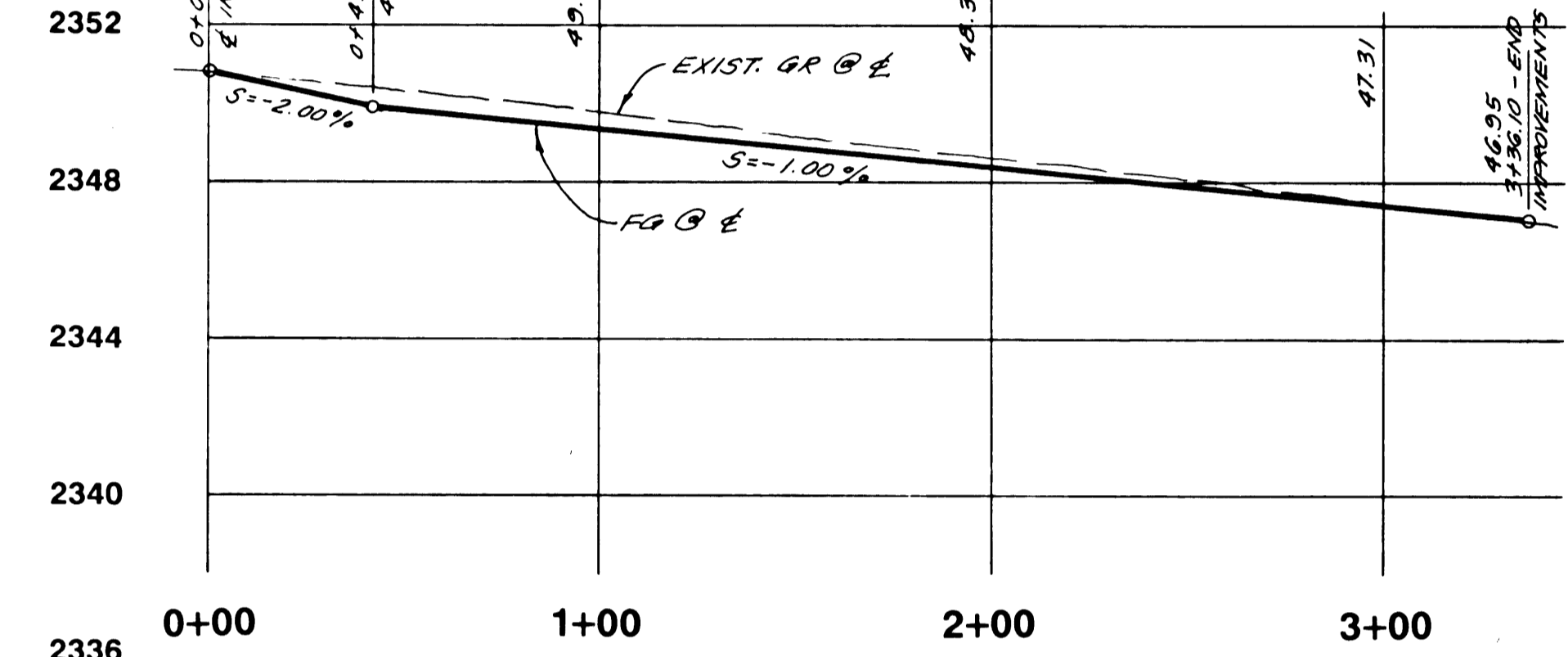
Date	9/9/91
Scale	HOR: 1" = 40' VERT: 1" = 4'
Drawn	KK/RLK
Sheet	2
Of	3 Sheets

ESTIMATE OF QUANTITIES
(THIS SHEET ONLY)

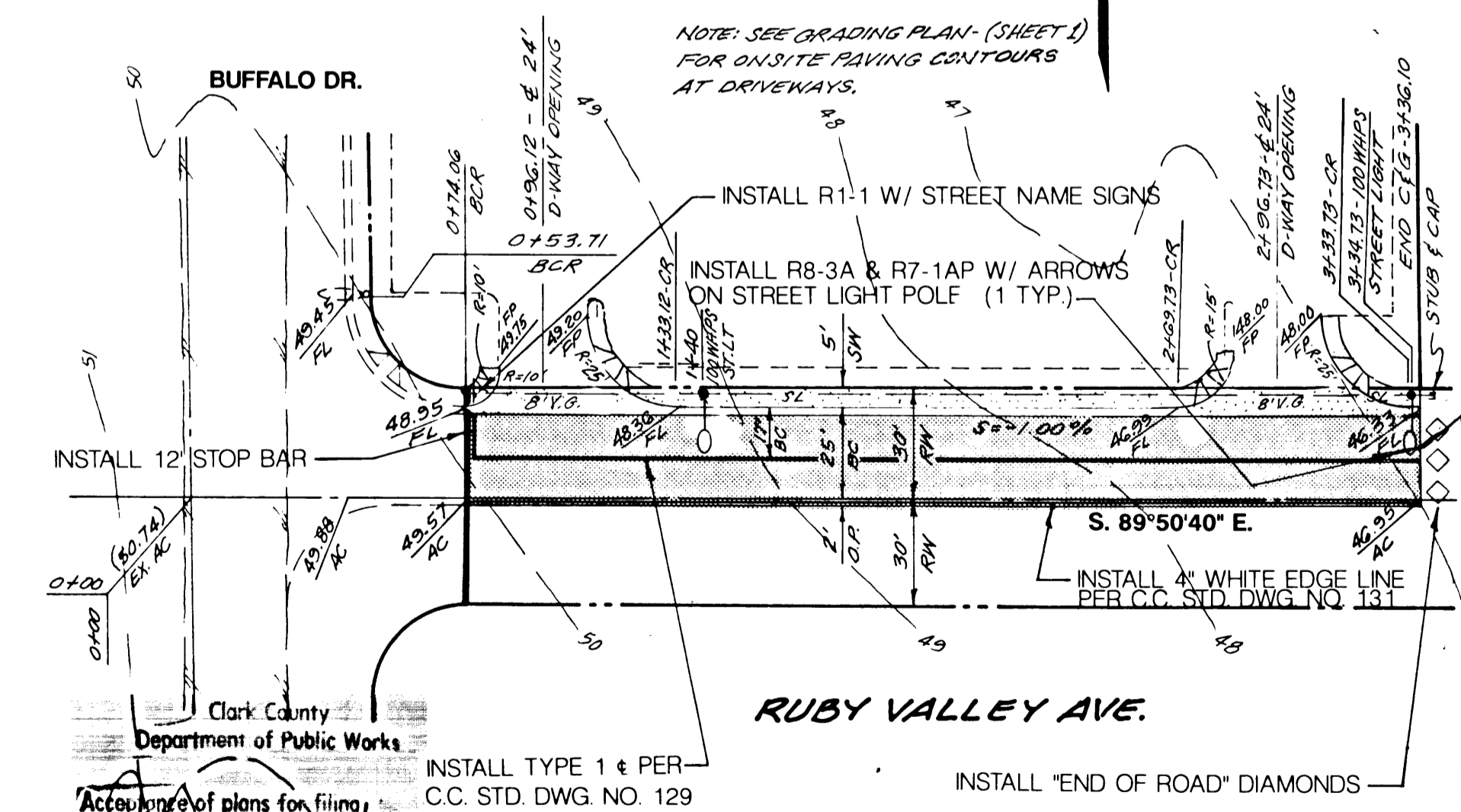
4" AC PAVEMENT	1809 S.Y.
3" AC PAVEMENT	874 S.Y.
CURB & GUTTER	407 L.F.
SIDEWALK	2200 S.F.
VALLEYGUTTER	1080 S.F.
TYPE I GRAVEL	629 C.Y.
TYPE II GRAVEL	389 C.Y.
STREET LIGHT (INCL. CONDUIT)	4 EACH
8" PVC SEWER (PUBLIC)	360 L.F.
6" PVC SEWER (PUBLIC)	37 L.F.
MANHOLE (PUBLIC)	1 EACH
PAVEMENT CUT/REPLACE	1 L.S.
6" PVC SEWER (PUBLIC)	20 L.F.



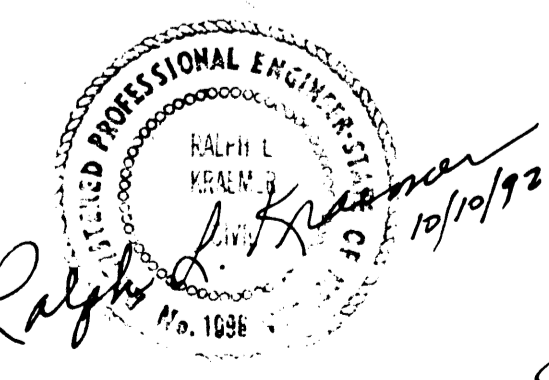
VICINITY MAP
 NO SCALE



NOTE: THIS CHURCH IS BEING BUILT FOR AN ULTIMATE CONGREGATION OF 500. THERE WILL BE NEGLIGIBLE SEWAGE FLOWS EXCEPT FOR SUNDAY SERVICES AT 10 AM & 6 PM. ESTIMATED SUNDAY FLOWS ARE 8240 GPD OR PEAK FLOWS OF 20,600 GPD.



Clark County
 Department of Public Works
 Acceptance of plans for filing
 By: [Signature] 10/10/91
 Acceptance of these plans for filing shall not be construed to be a permit for or an approval of any violation of any of the provisions of the state or county laws and/or specifications. Clark County shall be held free from damages which may result from the construction of the improvements from the engineering design depicted herein.



3-4-93
 DATE

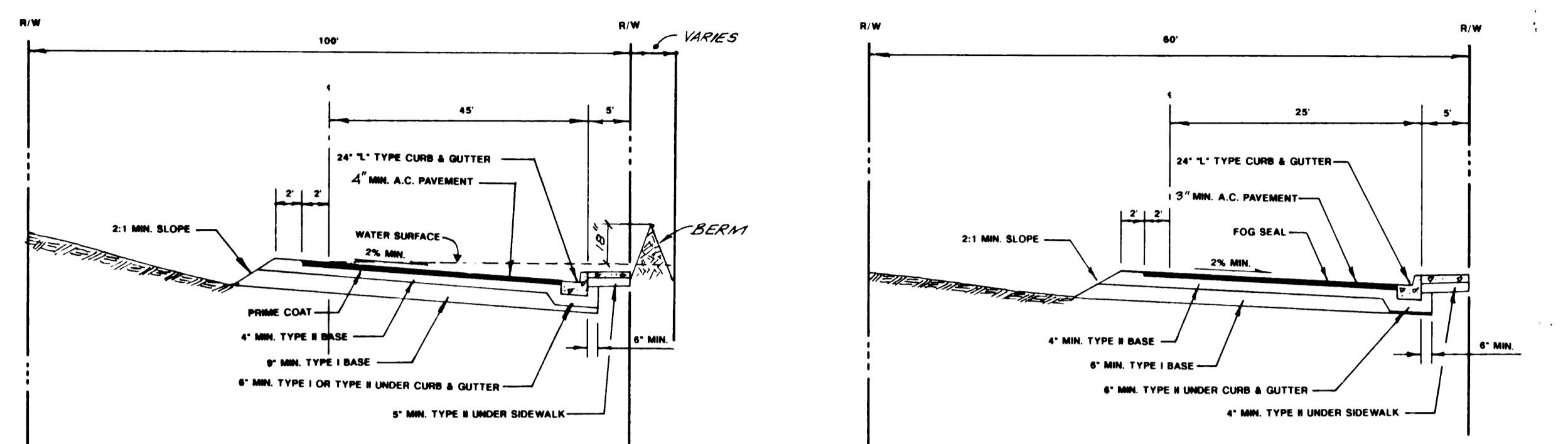
This approval is only for the placement and clearance of street light & signal light installations.

CLARK COUNTY STANDARD NOTES

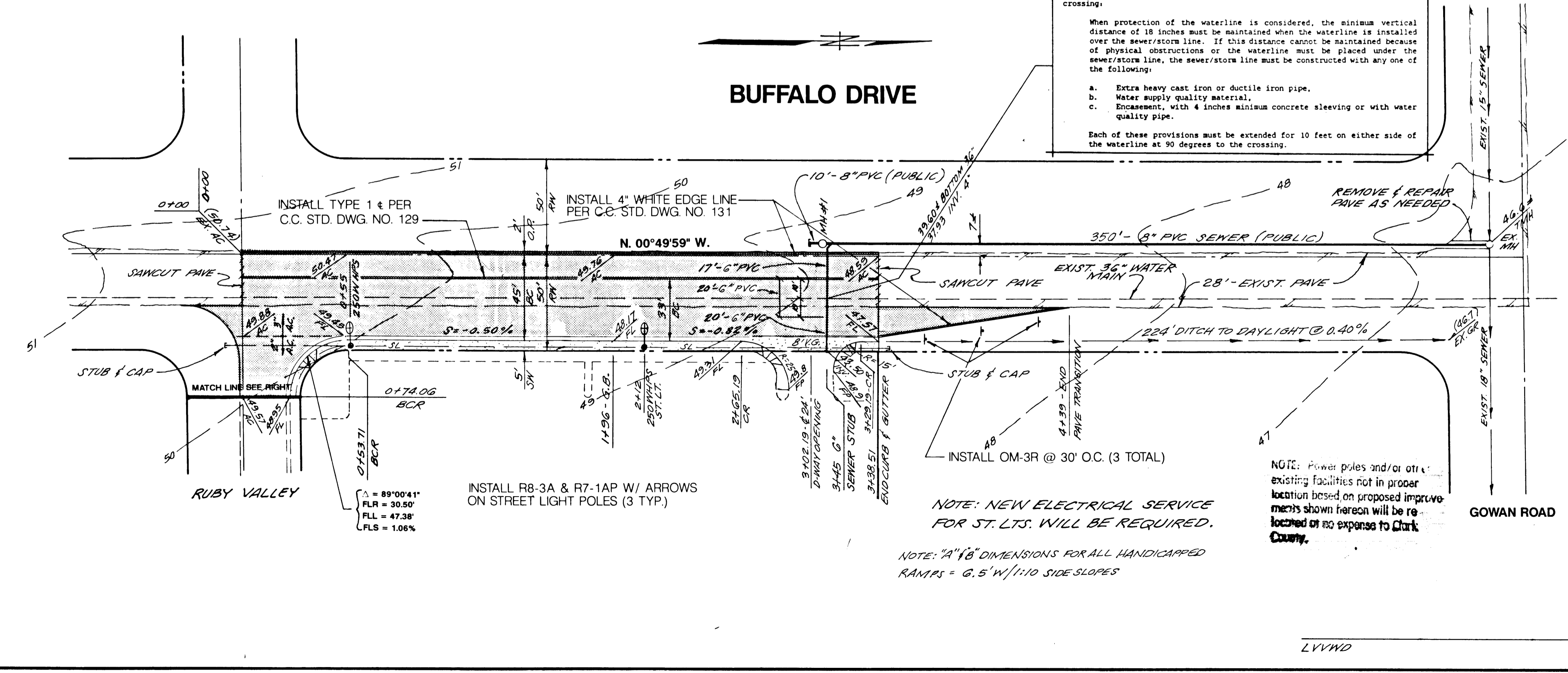
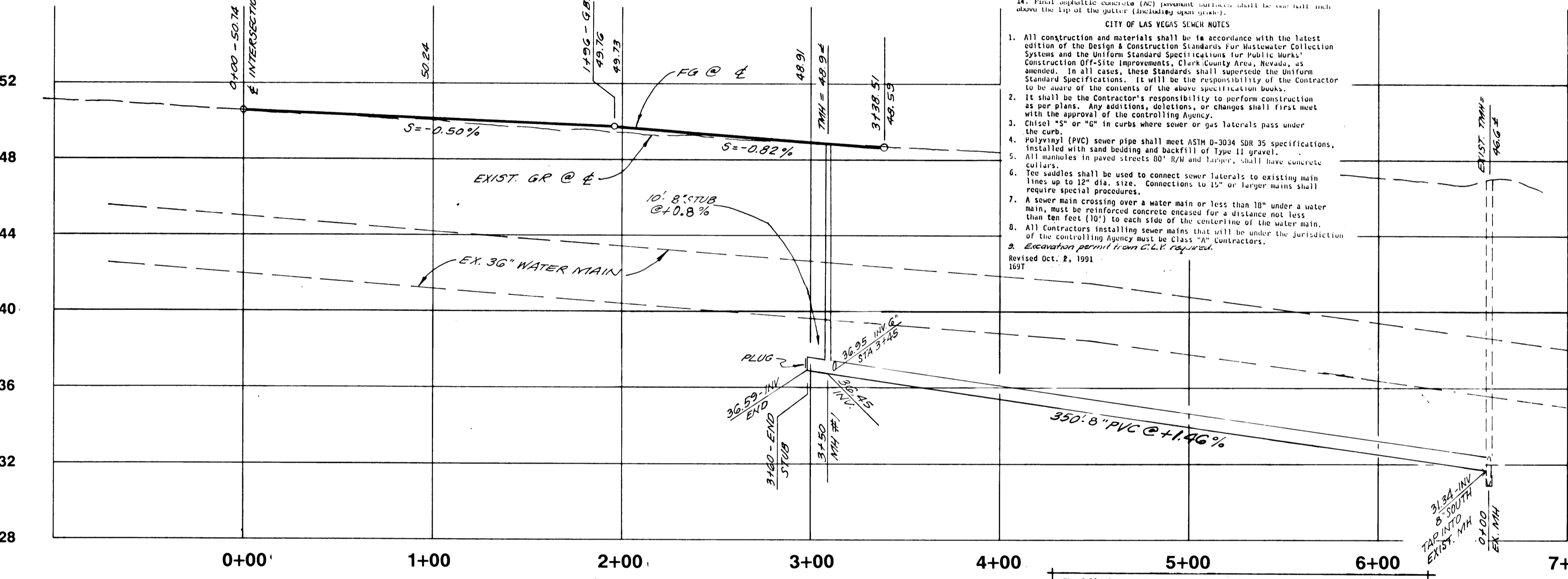
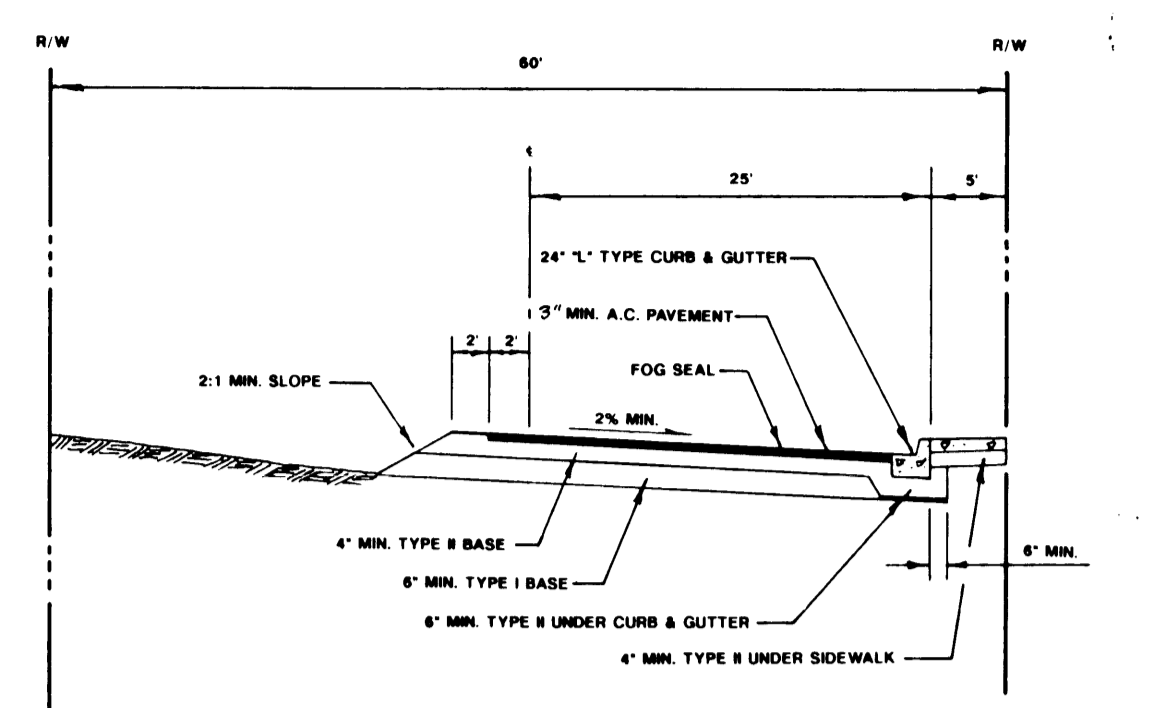
- All work to comply with standard drawings and specifications of Clark County, Nevada, latest revision.
- Location of manhole lines shown on these plans may be only approximate. Location of all manhole lines shall be determined in the field by a Clark County Inspector.
- Manhole ramps conforming to Standard Drawing No. 110 shall be found in each quadrant of a round curb intersection. Exact location of ramps shall be determined in the field by a Clark County Inspector.
- Before any work is started in the right-of-way, the contractor shall install temporary stop signs at all new street intersections. Temporary stop signs shall be immediately after first grading work is accomplished and shall remain until permanent signs are installed.
- All construction staking, barricading and traffic delineation shall conform to the Nevada work zone Traffic Control Handbook and to the Manual of Uniform Traffic Control Devices - 1988.
- If the improvements necessitate the relocation, temporary construction, temporary removal or relocation of any existing traffic signals, markers, pavement markings shall be restored or replaced with like materials to the satisfaction of the County Traffic Engineer.
- The developer shall be responsible to provide and install all permanent signs shown on the plans. Street name signs shall conform in their entirety to Clark County Standards. All other signs shall be standard size unless otherwise specified on the plans. All signs shall be installed in accordance with Clark County Standards.
- If a proposed street light standard is fixed located within five (5) feet of any sign location to be mounted on a sign post, then change sign mounting to one on the street light standard.
- All permanent Traffic Control Devices called for herein shall be in place and in final position prior to allowing any public traffic onto the parking of the work being improved. Installation, relocation, or the location of paving or other off-site improvements called for by these plans.
- All work done within the public right-of-way and outside the project boundary will require a separate encroachment permit issued by the Clark County Department of Public Works. Traffic and pavement replacement shall be as per permit.
- All off-site improvement construction shall conform to the Uniform Standard Specifications and Improvement Drawings, Clark County Public Works, latest revision.
- Curb & gutter with a grade of less than four (4) inches of one person shall be excavated by forming. Each joint shall be checked for grade prior to construction and made to conform after construction.
- Private streets and/or driveways reflected on these plans are to be inspected by a Clark County Inspector.
- Final asphaltic concrete (AC) pavement surface shall be one (1) inch above the top of the gutter (including open space).

- CITY OF LAS VEGAS SPECIFIC NOTES**
- All construction and materials shall be in accordance with the latest edition of the Design & Construction Standards for Wastewater Collection Systems and the Uniform Standard Specifications for Public Works Construction Off-Site Improvements, Clark County Area, Nevada, as amended. In all cases, these Standards shall supersede the Uniform Standard Specifications. It will be the responsibility of the Contractor to be aware of the contents of the above specification books.
 - It shall be the Contractor's responsibility to perform construction as per plans. Any additions, deletions or changes shall first meet with the approval of the controlling Agency.
 - Cutted 15" or 18" in curbs where sewer or gas laterals pass under the curb.
 - Polypropylene (PP) sewer pipe shall meet ASTM D-3034 SDR 35 specifications, installed with sand bedding and backfill of Type II gravel.
 - All manholes in paved streets 80' R/W and larger, shall have concrete tee saddles shall be used to connect sewer laterals to existing main lines up to 12" dia. size. Connections to 15" or larger mains shall require special procedures.
 - A sewer main crossing over a water main or less than 18" under a water main, must be reinforced concrete encased for a distance not less than ten feet (10') to each side of the crossing of the water main.
 - All contractors installing sewer mains that will be under the jurisdiction of the controlling Agency must be Class "A" Contractors.
 - Excavation permit from C.C.P. required.
- Revised Oct. 2, 1991
 1991

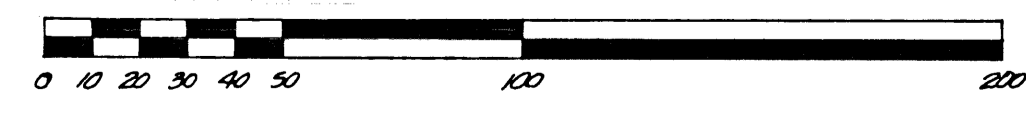
- The following requirements must be met in the event of a water-sewer/storm line crossing:
- Extra heavy cast iron or ductile iron pipe.
 - Water supply quality material.
 - Encasement, with 4 inches minimum concrete sleeving or with water quality pipe.
- Each of these provisions must be extended for 10 feet on either side of the waterline at 90 degrees to the crossing.



SECTION DELHI ST.



NOTE: NEW ELECTRICAL SERVICE FOR ST. L.T.S. WILL BE REQUIRED.
 NOTE: 24" x 48" DIMENSIONS FOR ALL HANDICAPPED RAMPS = 6.5' W/ 1:10 SIDE SLOPES



31-C-0219-2-75 107-V2091