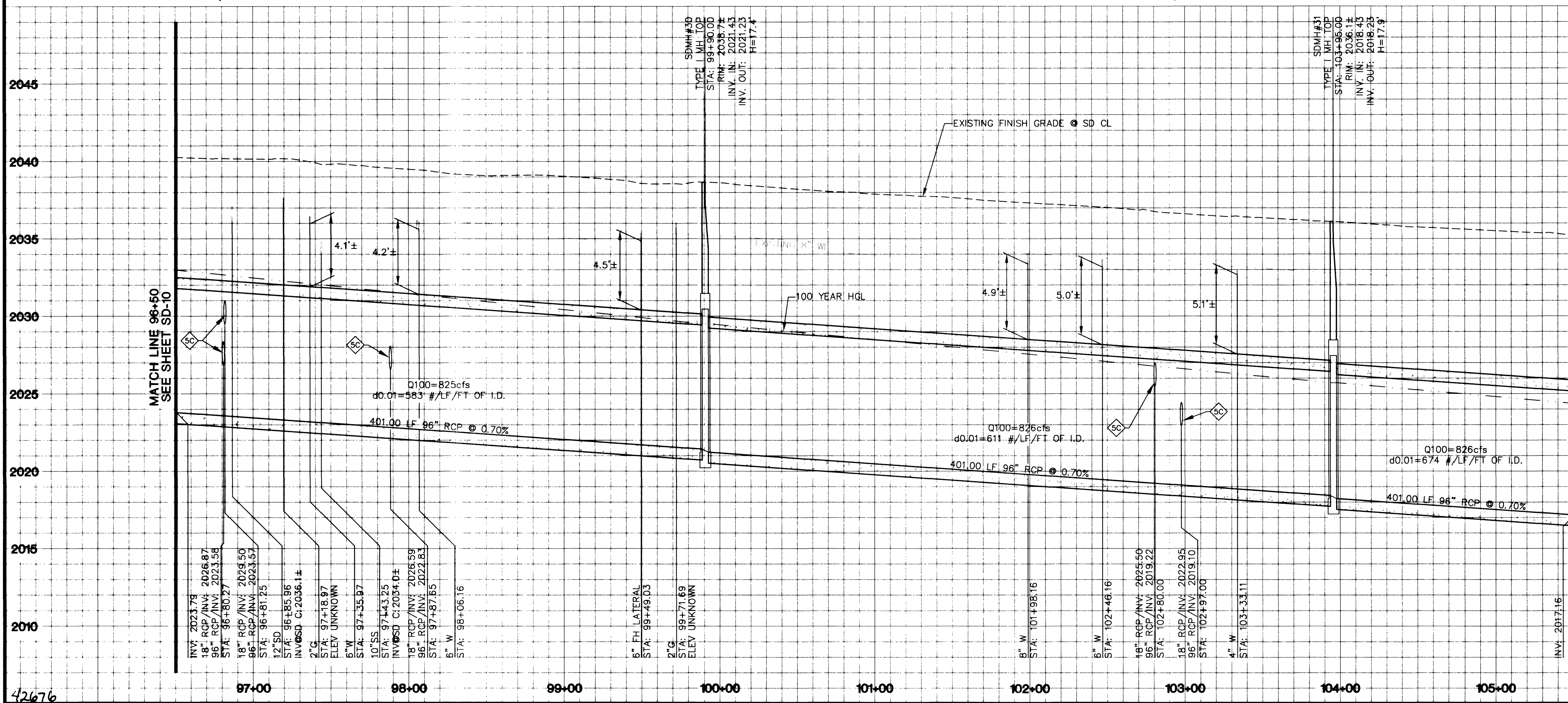


Kimley-Horn and Associates, Inc.
100 North Main Street, Suite 200
Las Vegas, NV 89101
PH: 702.734.6666 FAX: 702.732.4949



NOTE:
PIPE LENGTH IS MEASURED FROM EDGE OF JUNCTION TO EDGE OF JUNCTION.

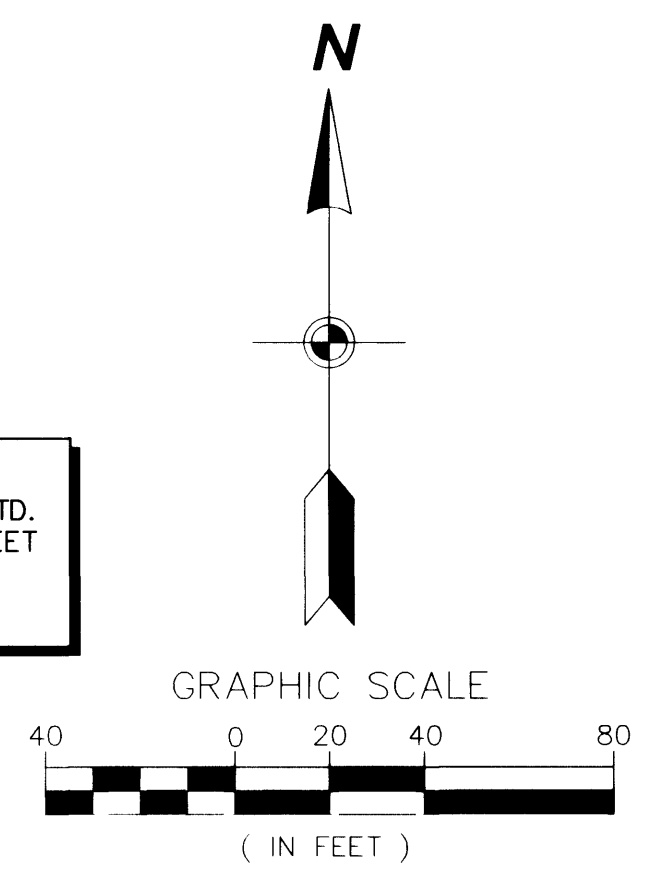
SAFETY ALERT
Call Before You Overhead
1-702-593-6111

Avoid cutting underground utility lines. It's costly.

Call before you Dig
1-800-227-2600

NOTE:
SEE SHEETS SD-21 THROUGH SD-27 FOR STORM DRAIN LATERAL PROFILES.

NOTE:
RCB TO BE PRECAST PER ASTM STD. C850 FOR COVER LESS THAN 2 FEET AND ASTM STD. C789 FOR COVER GREATER THAN 2 FEET.



- CONSTRUCTION NOTES:**
- 18" RCP STORM DRAIN LATERAL (CLASS III) SEE LATERAL PROFILE SHEETS.
 - 96" RCP STORM DRAIN (CLASS III)
 - TYPE "C" DROP INLET PER C.C. AREA STD. DWG. #413. SEE LATERAL PROFILE SHEETS.
 - TYPE "CM3" DROP INLET PER DETAIL SHEET DT-2. SEE LATERAL PROFILE SHEETS.
 - CONSTRUCT JUNCTION MANHOLE PER DETAIL SHEET DT-1 WITH TYPE I STORM DRAIN MANHOLE TOP PER C.C. AREA STD. DWG. #403
 - INSTALL CONCRETE COLLAR AT JUNCTION BETWEEN RCP LATERAL AND RCP MAIN PER DETAIL SHEET DT-1
 - ABANDON EXISTING STORM DRAIN MANHOLE PER DETAIL ON SHEET DT-3.
 - ABANDON EXISTING STORM DRAIN IN PLACE. REMOVE WHERE IN CONFLICT WITH PROPOSED UTILITIES.
 - CONTRACTOR TO INSTALL ANCHOR BLOCKS ON WATERLINE PRIOR TO EXCAVATION OF STORM DRAIN PER LVWD STANDARDS

APPROVED FOR CONSTRUCTION

LAS VEGAS VALLEY WATER DISTRICT

DATE

PROTECT WATERLINES IN PLACE. WHEREVER A WATERLINE IS WITHIN 18" ABOVE A STORM DRAIN LINE, OR WHERE COMPACTION UNDER A WATERLINE CAN NOT BE MET, BACKFILL TRENCH WITH CEMENT SLURRY OR FLOWABLE FILL TO THE SPRINGLINE OF THE WATERLINE. THIS REQUIREMENT IS FOR STRUCTURAL SUPPORT ONLY, ADDITIONAL HEALTH REGULATIONS MAY APPLY PER UDACS 2.19.

DATE

REVISIONS

W.A. #

DESIGN BY

DATE

SCALE (H): AS NOTED

SCALE (V): AS NOTED

F.L.D. Bk. #

Kimley-Horn and Associates, Inc.
Engineering, Planning, and Environmental Consultants

DEPARTMENT OF PUBLIC WORKS

PROJECT: VEGAS DR./OWENS AVE. RANCHO DR. TO INTERSTATE 15

SHEET: STORM DRAIN PLAN AND PROFILE 96+50 to 105+50

DRAWING NO. SD-11

107-V3523