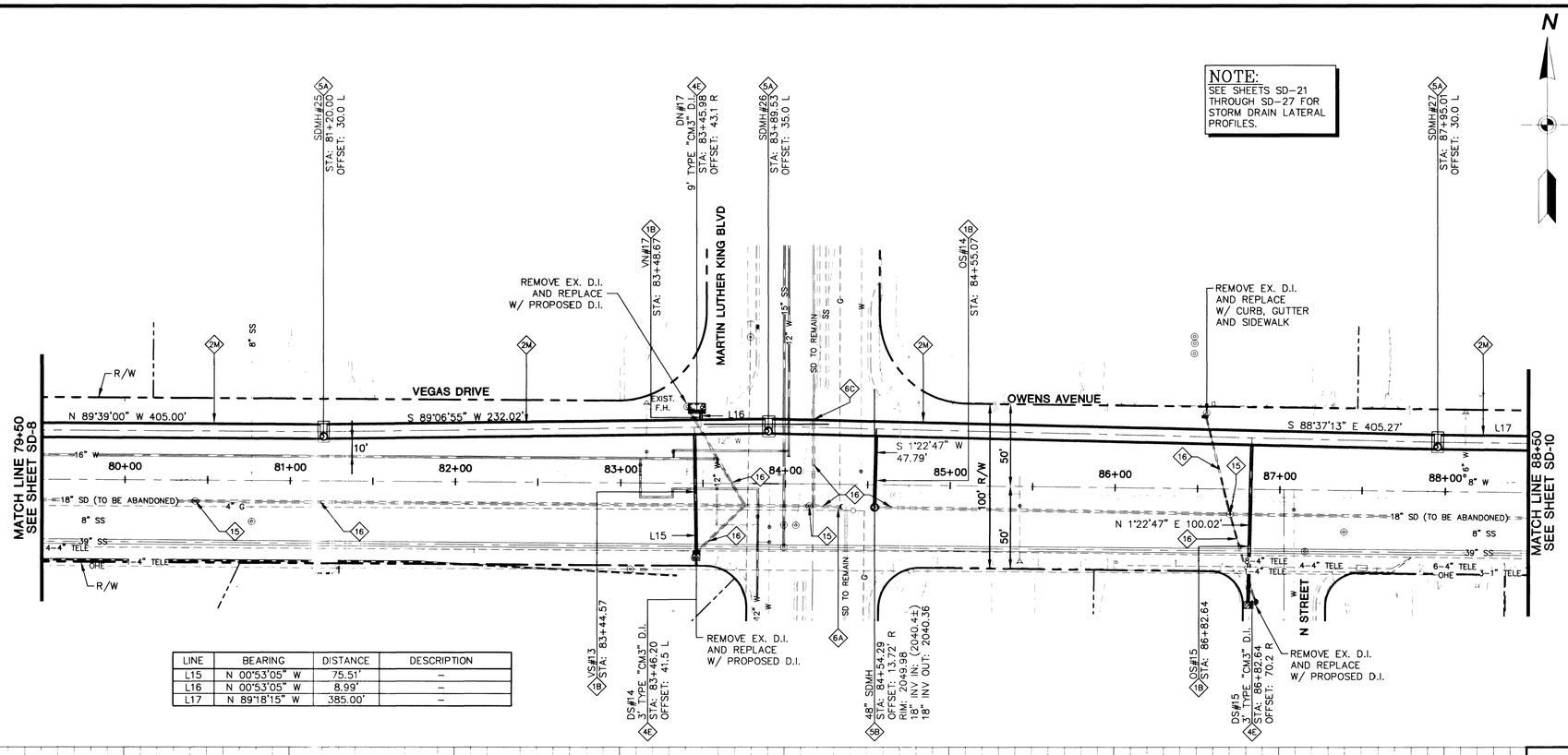


LINE	BEARING	DISTANCE	DESCRIPTION
L15	N 00°53'05" W	75.51'	–
L16	N 00°53'05" W	8.99'	–
L17	N 89°18'15" W	385.00'	–

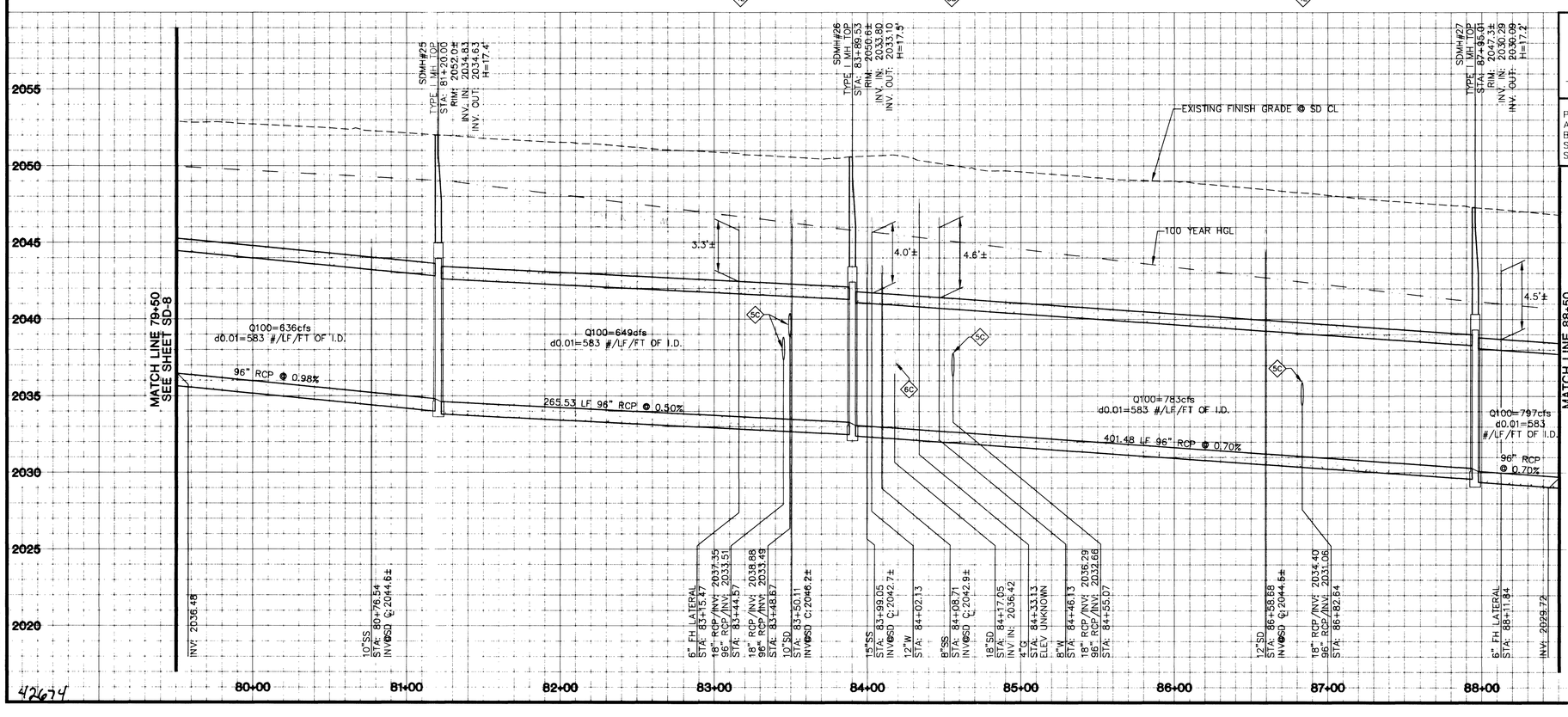
NOTE:
SEE SHEETS SD-21 THROUGH SD-27 FOR STORM DRAIN LATERAL PROFILES.

GRAPHIC SCALE
(IN FEET)
1 inch = 40 ft.

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:

- (1B) 18" RCP STORM DRAIN LATERAL (CLASS III) SEE LATERAL PROFILE SHEETS.
- (2M) 96" RCP STORM DRAIN (CLASS III)
- (4B) TYPE "C" DROP INLET PER C.C. AREA STD. DWG. #413. SEE LATERAL PROFILE SHEETS.
- (4E) TYPE "CM3" DROP INLET PER DETAIL SHEET DT-2. SEE LATERAL PROFILE SHEETS.
- (5A) CONSTRUCT JUNCTION MANHOLE PER DETAIL SHEET DT-1 WITH TYPE I STORM DRAIN MANHOLE TOP PER C.C. AREA STD. DWG. #403
- (5B) CONSTRUCT TYPE I 48" DIA. STORM DRAIN MANHOLE PER C.C. AREA STD. DWG. #403
- (5C) INSTALL CONCRETE COLLAR AT JUNCTION BETWEEN RCP LATERAL AND RCP MAIN PER DETAIL SHEET DT-1
- (6A) SAWCUT AND CAP EX. 18" STORM DRAIN
- (6C) SAWCUT AND CONNECT EX. 18" SD TO PROPOSED 96" RCP SD AND INSTALL CONCRETE COLLAR AT JUNCTION PER DETAIL SHEET DT-1
- (15) ABANDON EXISTING STORM DRAIN MANHOLE PER DETAIL ON SHEET DT-3.
- (16) ABANDON EXISTING STORM DRAIN IN PLACE. REMOVE WHERE IN CONFLICT WITH PROPOSED UTILITIES.



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.

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

REVISIONS | DATE

W.A. # | DESIGN BY: ZRT
SCALE (V): AS NOTED | DATE: 1/4/02
SCALE (H): AS NOTED | FLD. BK. #

Kimley-Horn and Associates, Inc.
Engineering, Planning, and Environmental Consultants
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CITY OF LAS VEGAS NEVADA

DEPARTMENT OF PUBLIC WORKS

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

SHEET: STORM DRAIN PLAN AND PROFILE 79+50 to 88+50

PROFESSIONAL ENGINEER STATE OF NEVADA BEN R SPRAGUE 5-31-02 CIVIL No. 8349 Exp: 5/30/02

DRAWING NO. SD-9 | 37 / 110

107-V3523

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PLOT DATE: 1/7/2002 TIME: 12:34
XREF: N:\092256\00\XREFS\X5400AB; N:\092256\00\XREFS\X5500RW; N:\092256\00\XREFS\X5600OUT; N:\092256\00\XREFS\X5600TB; N:\092256\00\XREFS\X5600RP-SD; N:\092256\00\GIVEN\POINTS