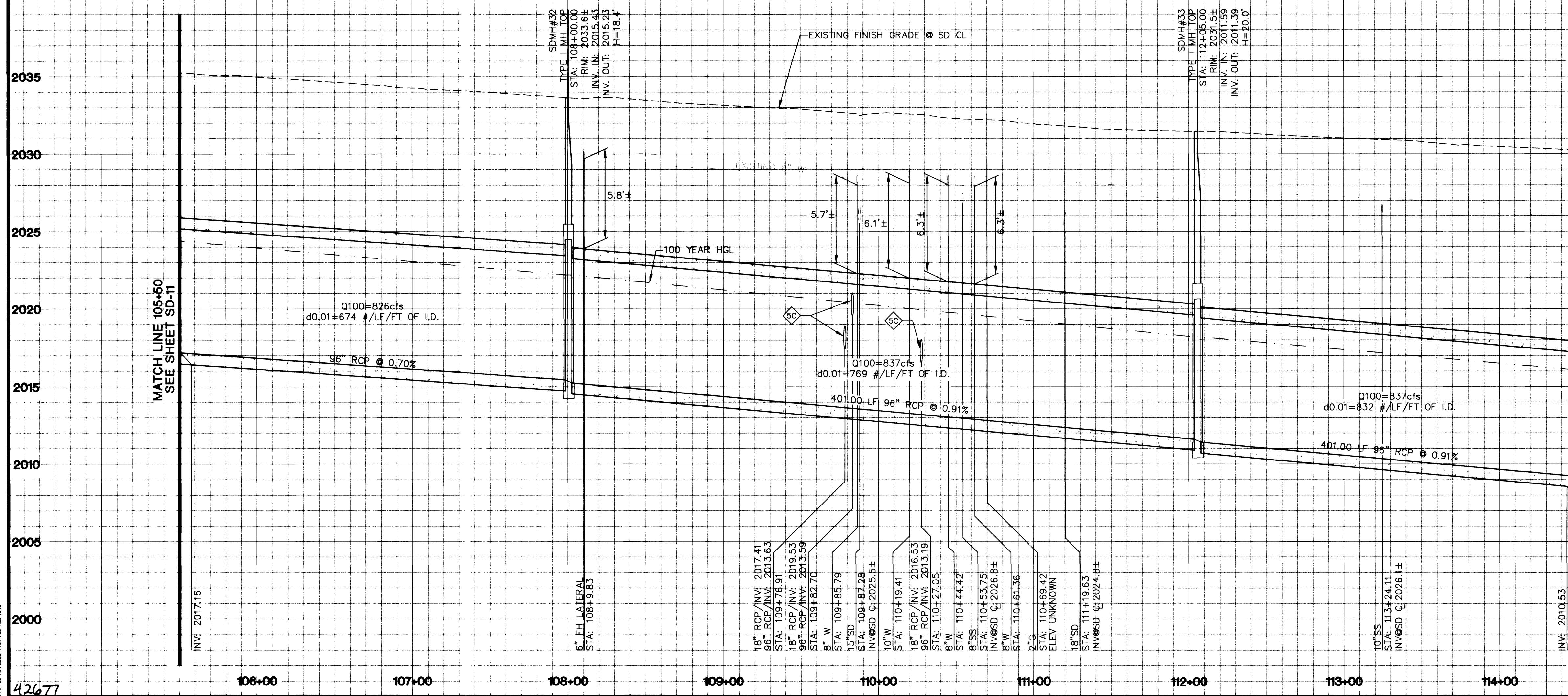


100% Final Engineering Drawing
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100% Final Engineering Drawing

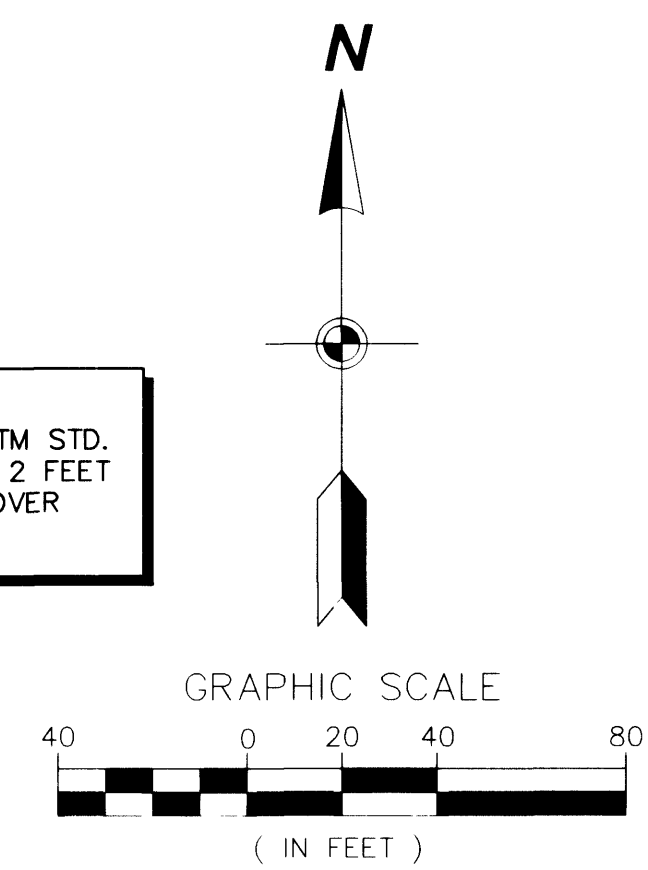


2035
2030
2025
2020
2015
2010
2005
2000

42677

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.

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

Call
before you
Dig
1-800-227-2600

DEPARTMENT OF PUBLIC WORKS
PROJECT: VEGAS DR/OWENS AVE.
RANCHO DR. TO INTERSTATE 15
SHEET: 40
DRAWING NO. SD-12
110

Kimley-Horn
and Associates, Inc.
Engineering, Planning, and Environmental Consultants
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DATE
REVISIONS
W.A. #
DESIGN BY
ZRT
1/4/02

100% Final Engineering Drawing
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