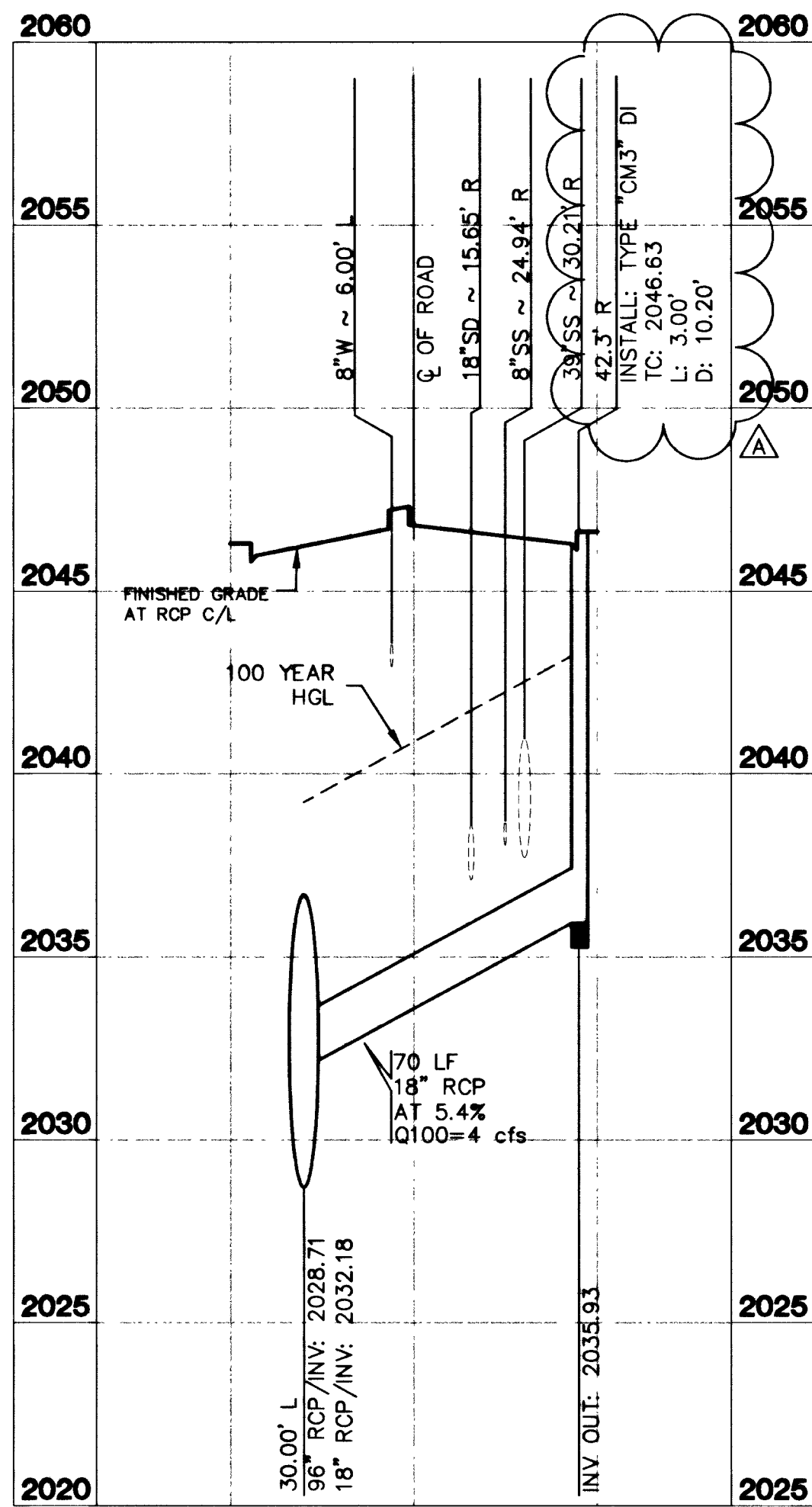
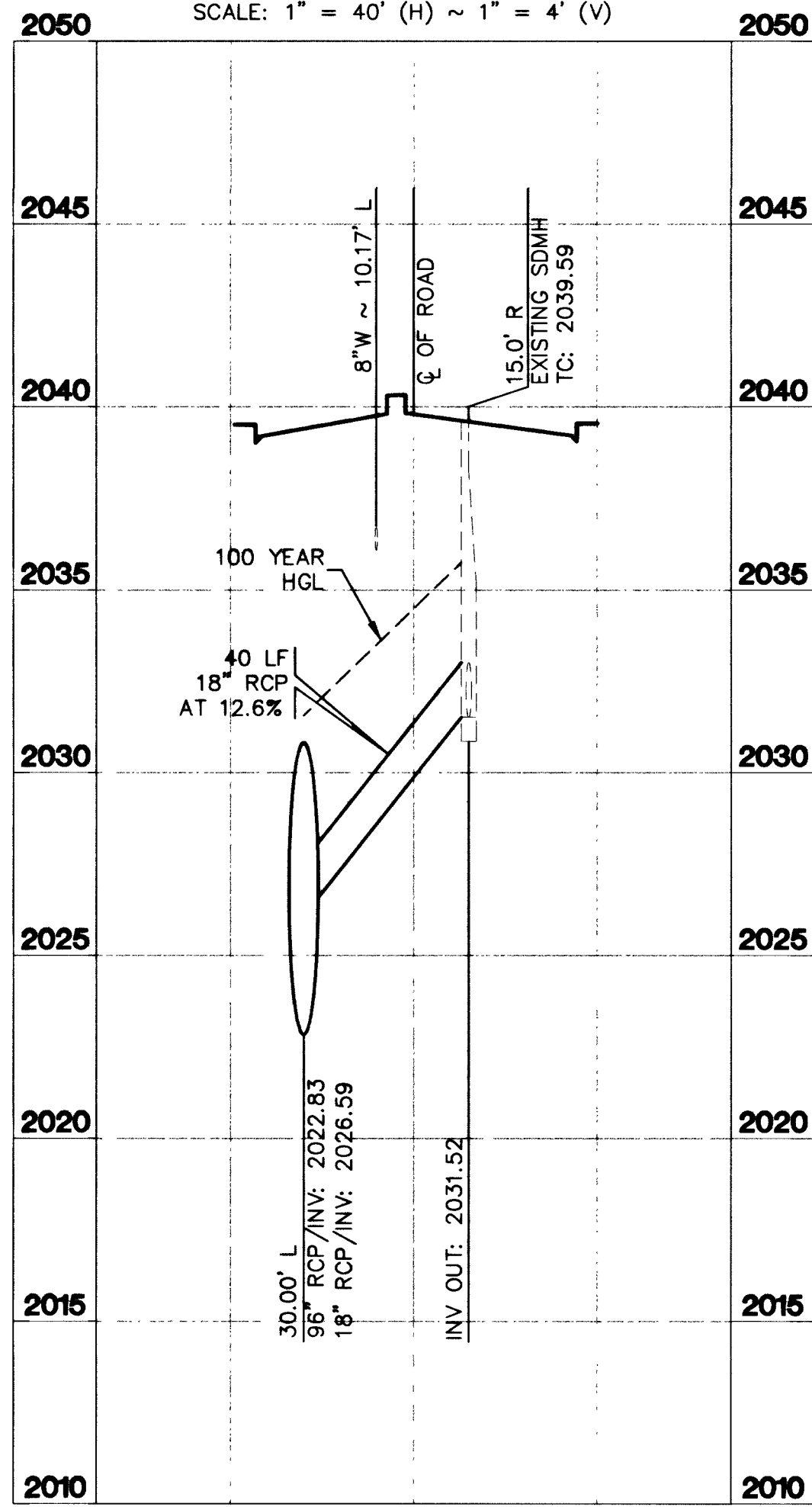
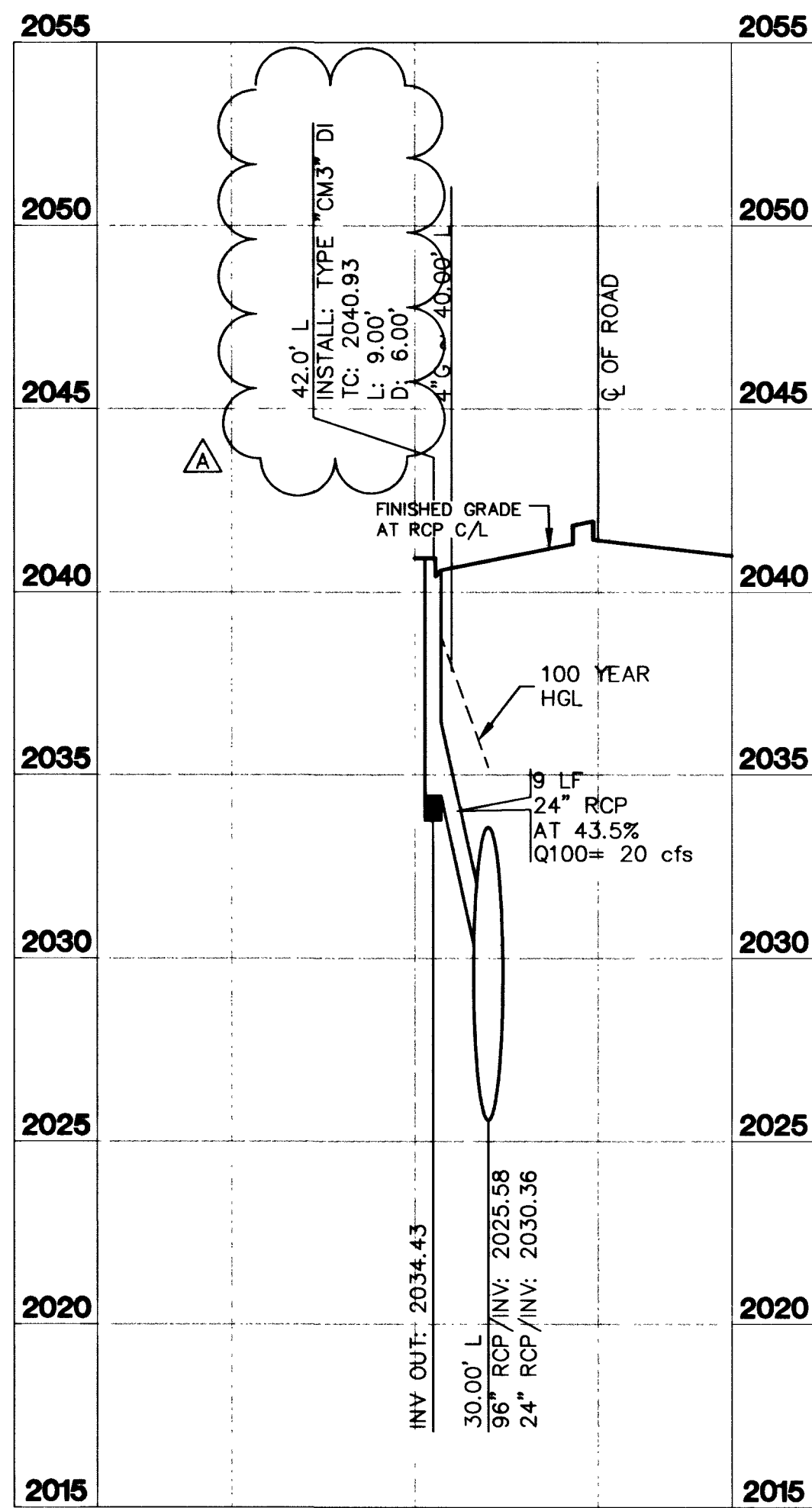




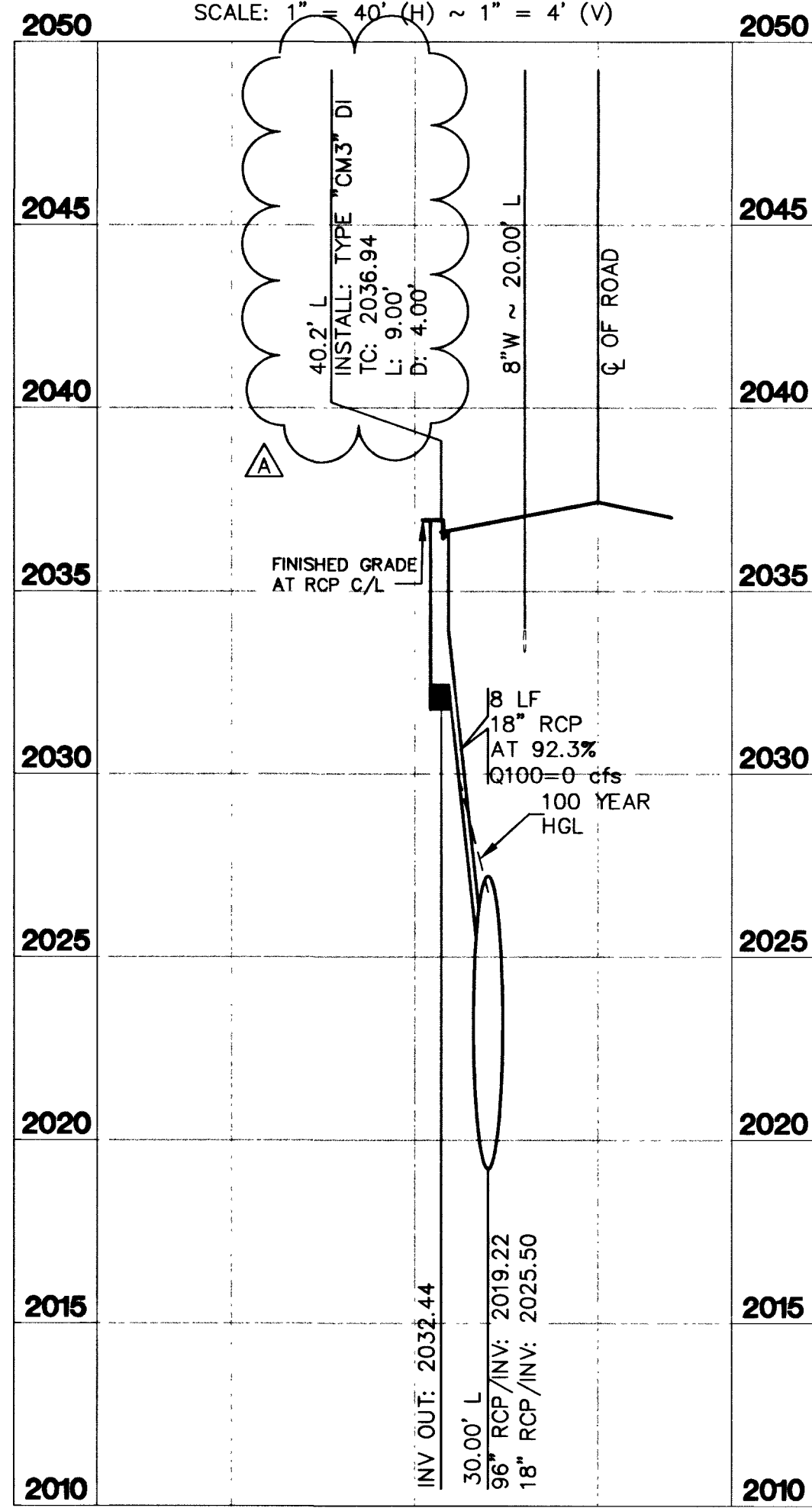
LATERAL OS#16
OWENS AVENUE STA: 89+95.00



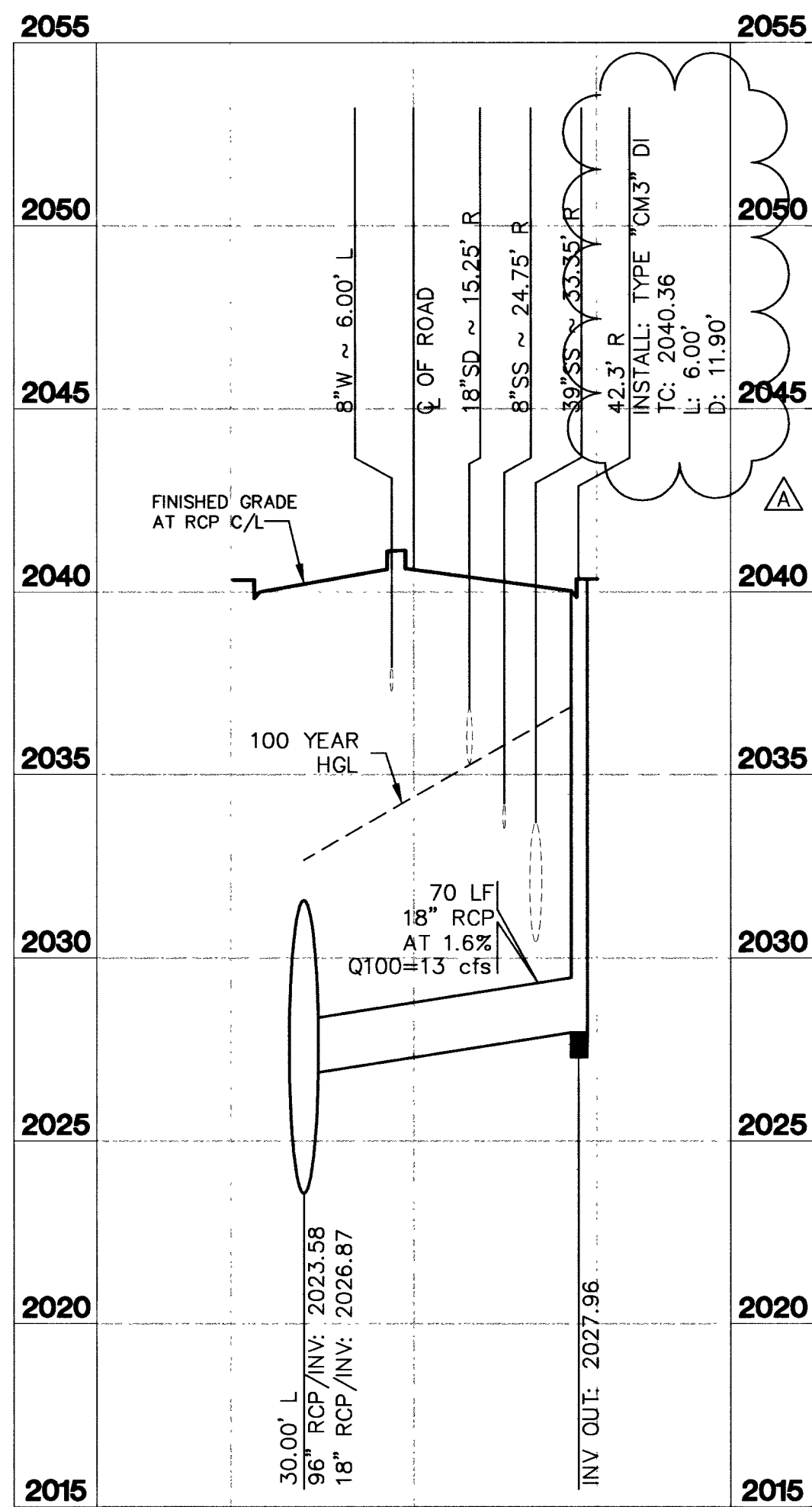
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OWENS AVENUE STA: 97+87.65



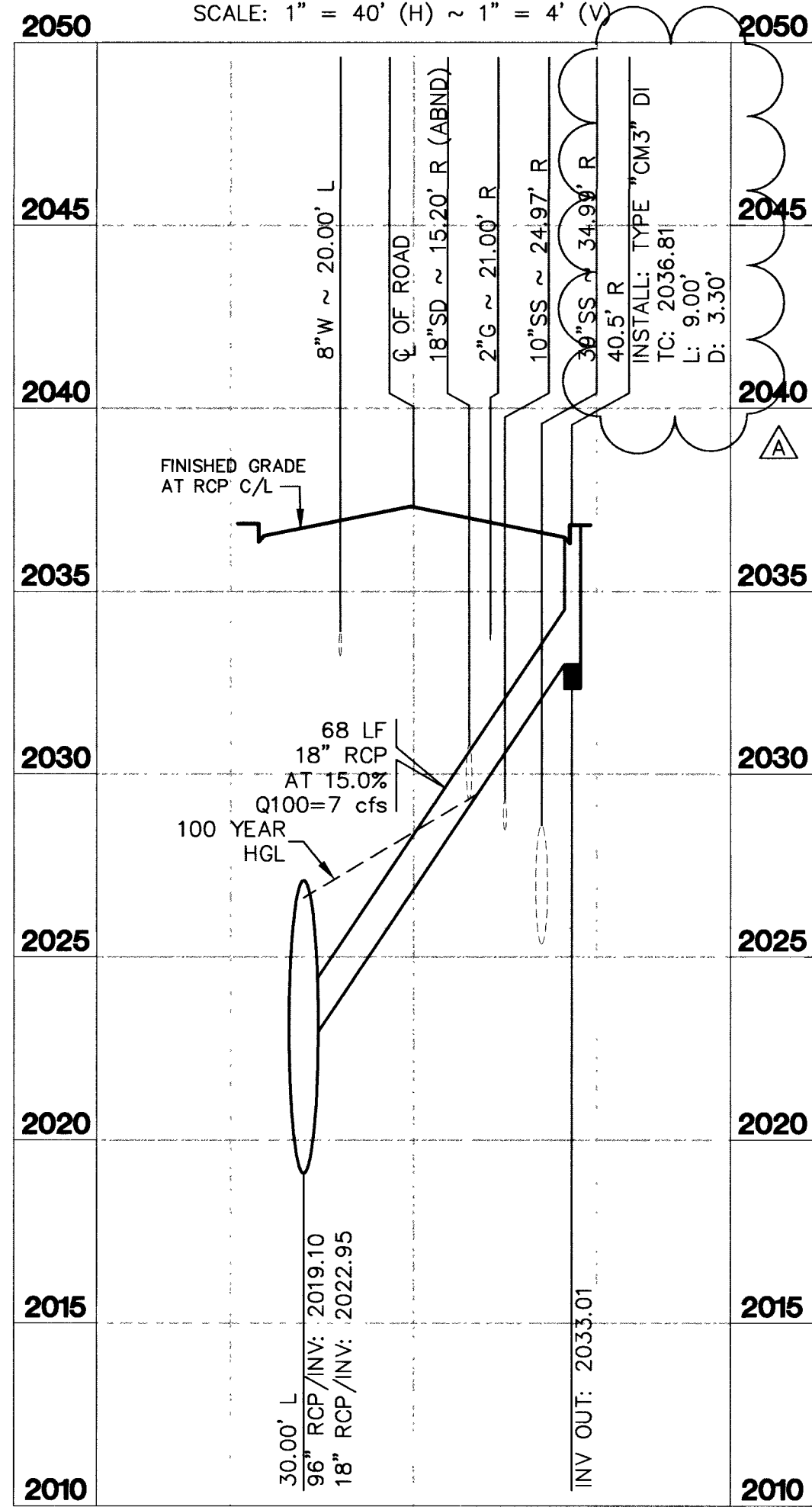
LATERAL ON#19
OWENS AVENUE STA: 94+15.44



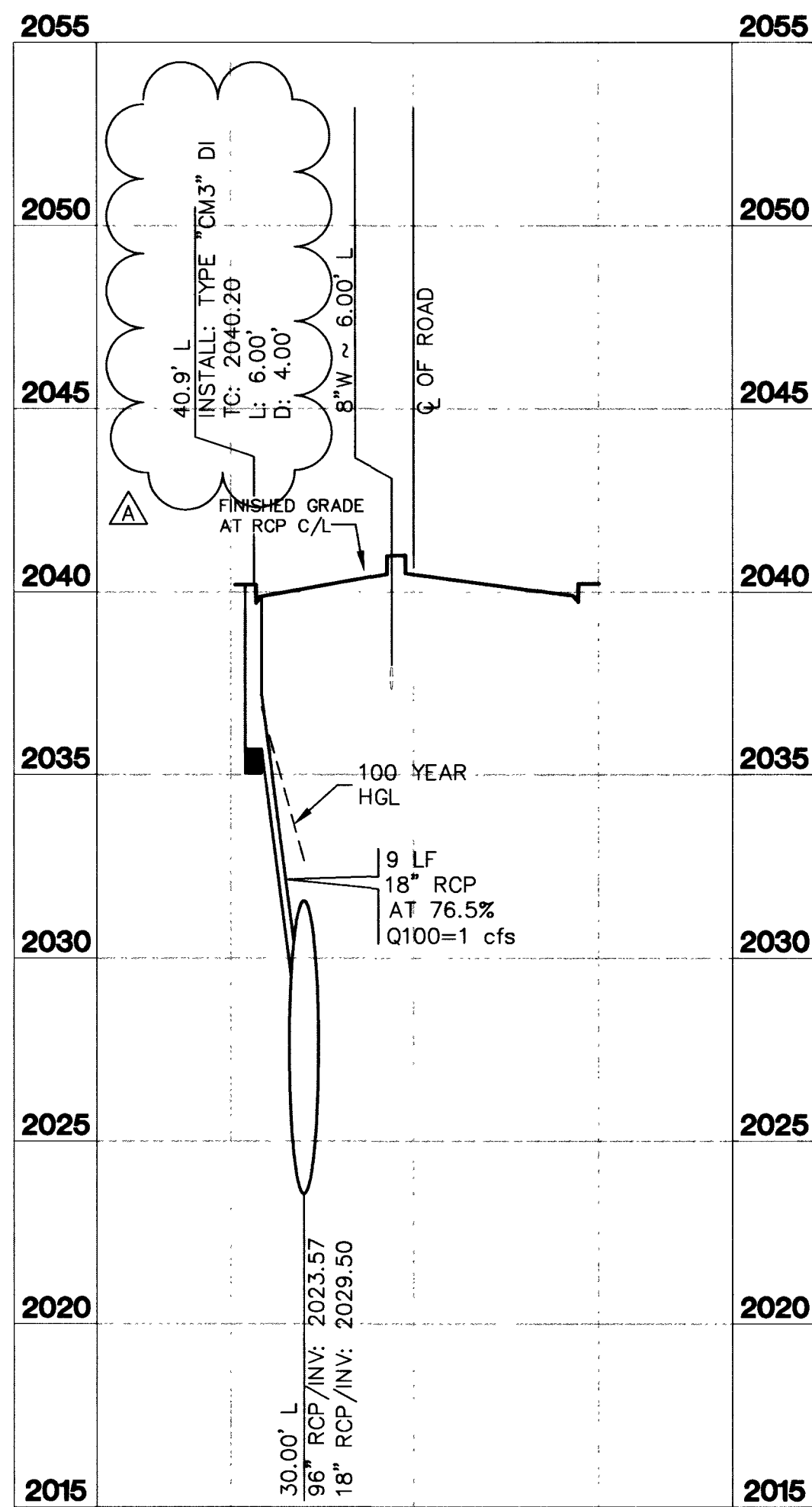
LATERAL ON#19
OWENS AVENUE STA: 102+80.00



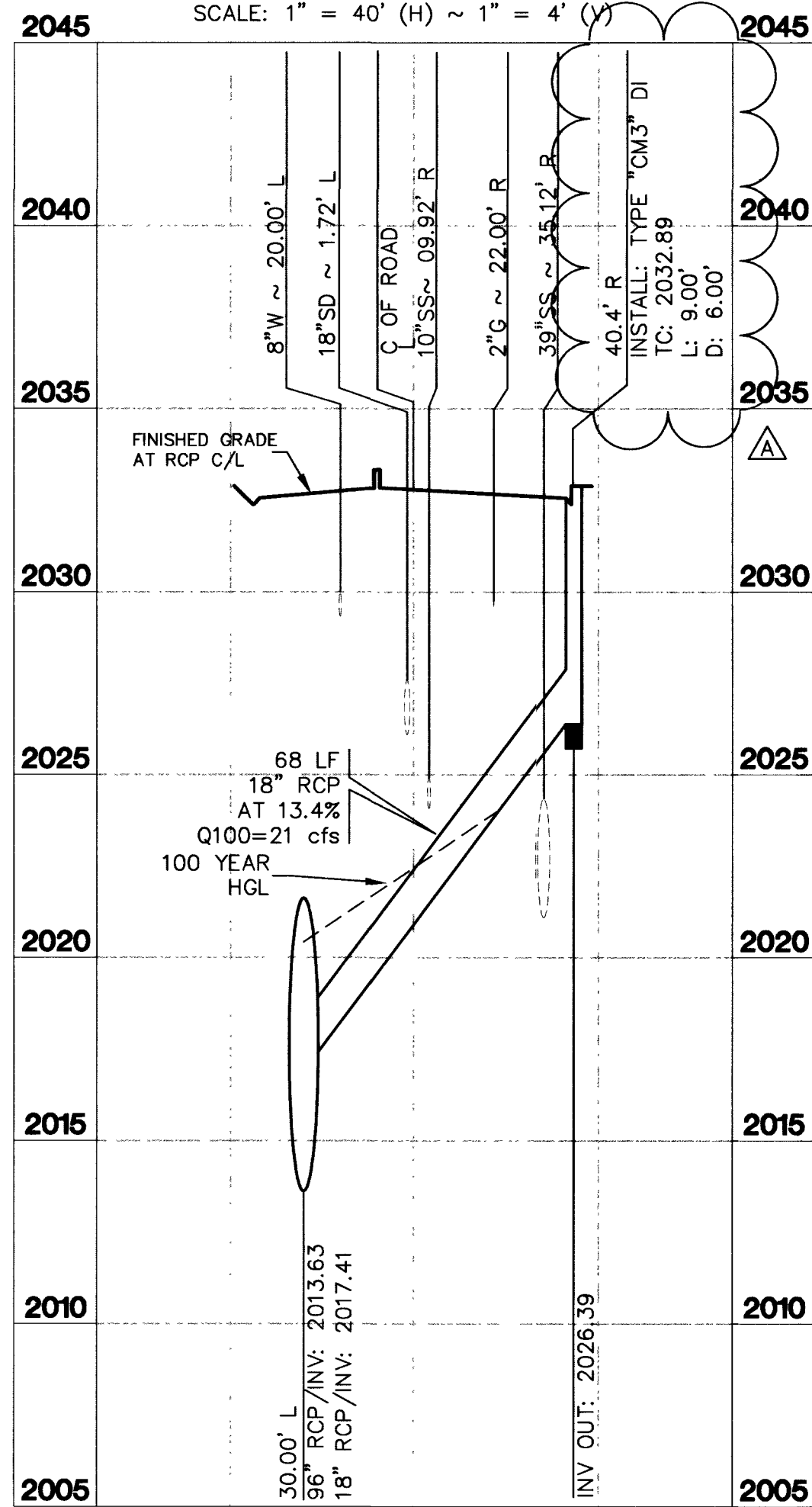
LATERAL OS#17
OWENS AVENUE STA: 96+80.27



LATERAL OS#17
OWENS AVENUE STA: 102+97.00



LATERAL ON#20
OWENS AVENUE STA: 96+81.25



LATERAL OS#20
OWENS AVENUE STA: 109+76.91

NOTE:
SAWCUT AND REMOVE EX. 18" STORM
DRAIN WHEN OBSTRUCTING PROPOSED
STORM DRAIN LATERAL.

NOTE TO CONTRACTOR:
CONTRACTOR MUST SUBMIT SHOP DRAWINGS
TO LVVWD BEFORE CONSTRUCTION TO SHOW
HOW WATERLINES SPANNING A TRENCH WILL
BE SUPPORTED DURING EXCAVATION AND
BACKFILL. DRAWINGS WILL INCLUDE ALL
LOCATIONS WHERE WATERLINES SPAN A
TRENCH GREATER THAN 4 (FOUR) FEET WIDE
AND WHERE VALVES AND THRUST BLOCKS
ARE EXPOSED. DRAWINGS MUST BE SEALED
BY A NEVADA LICENSED ENGINEER.

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.

APPROVED FOR CONSTRUCTION
[Signature]
LAS VEGAS VALLEY WATER DISTRICT
DATE: 12/2/02



SAFETY ALERT
Call
Before You
Overhead
1-702-593-6111
Call
before you
Dig
1-800-227-2600

REVISIONS		DATE	
NO.	DESCRIPTION	DATE	BY
1	REVISION PER LVVWD COMMENTS 11/20/02	11/20/02	ZRT
2	ADDENDUM No. 2, ITEMS 2.17 AND 2.18	9/19/02	

W.A. #
DESIGN BY
1/4/02
Kimley-Horn
and Associates, Inc.
Engineering, Planning, and Environmental Consultants
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PROJECT:
VEGAS DR./OWENS AVE.
RANCHO DR. TO INTERSTATE 15

SHEET:
STORM DRAIN LATERAL
PROFILE

DRAWING NO.
SD-25

110