



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

PAT MCCRORY  
GOVERNOR

ANTHONY J. TATA  
SECRETARY

January 12, 2015

**Addendum No. 1**

RE: Contract ID C203519  
WBS # 55057.3.FS1  
F. A. # IMS-040-1(245)7  
**Haywood County (I-5508)**  
I-40 Near Milepost 7

**January 20, 2015 Letting**

To Whom It May Concern:

Reference is made to the plans furnished to you on this project.

The following revision has been made to the Roadway plans:

On Sheet No. 1-A the Index Of Sheets has been revised to correct the total number of Cross-Section sheets. Please void Sheet No. 1-A in your plans and staple the revised Sheet No. 1-A thereto

The following revision has been made to the Cross-Section plans:

There was some information for certain station ranges that were inadvertently omitted from the Cross-Section plans originally provided. As such, we are hereby providing a complete new set of Cross-Section plans to those bidders who previously ordered Cross-Section plans. Please discard the plans previously furnished and replace with the new Cross-Section plans.

Sincerely,

<sup>DS</sup>

R. A. Garris, PE  
Contract Officer

RAG/jag  
Attachments

cc: Mr. Ron Hancock, PE  
Mr. Ed Green, PE  
Ms. D. M. Barbour  
Mr. Rodger Rochelle, PE  
Mr. Ray Arnold, PE  
Project File (2)

Mr. R. E. Davenport, PE  
Mr. Ronnie Higgins  
Mr. Mike Gwyn  
Ms. Marsha Sample  
Ms. Jaci Kincaid  
Ms. Lori Strickland

MAILING ADDRESS:  
NC DEPARTMENT OF TRANSPORTATION  
CONTRACT STANDARDS AND DEVELOPMENT UNIT  
1591 MAIL SERVICE CENTER  
RALEIGH NC 27699-1591

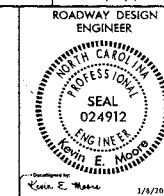
TELEPHONE: 919-707-6900  
FAX: 919-250-4119

WEBSITE: [www.NCDOT.GOV](http://www.NCDOT.GOV)

LOCATION:  
CENTURY CENTER COMPLEX  
ENTRANCE B-2  
1020 BIRCH RIDGE DRIVE  
RALEIGH NC 27610

5/28/99

STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS



2012 SPECIFICATIONS  
EFFECTIVE: 01-17-12  
REVISED: 07/30/12

INDEX OF SHEETS

SHEET NUMBER	SHEET
1	TITLE SHEET
1-A	INDEX OF SHEETS, GENERAL NOTES AND LIST OF STANDARDS (2012 SPECIFICATIONS)
1-B	CONVENTIONAL SYMBOLS
1-C	SURVEY CONTROL SHEET
2A	PAVEMENT SCHEDULE, TYPICAL SECTIONS,
2C-1	DETAIL OF SINGLE SLOPE CONCRETE BARRIER
2C-2	DETAIL OF TEMPORARY ANCHOR UNIT TYPE W-BEAM
2C-3	DETAIL OF TEMPORARY STEEL COVER OVER DRAINAGE STRUCTURE
2G-1	DETAIL OF WIRE MESH AND UNTENSIONED ROCK ANCHORS
2G-2	DETAIL OF TENSIONED SPOT ROCK BOLTS
3B	SUMMARY OF EARTHWORK, SHOULDER BERM, GUTTER, AND GUARDRAIL
3D	SUMMARY OF DRAINAGE
4 AND 5	PLAN SHEETS
6 AND 7	PLAN SHEETS OF DETOUR
8	PROFILE SHEET
TMP-1 thru TMP-15	TRAFFIC MANAGMENT PLANS
PMP-1 thru PMP-3	PAVEMENT MARKING PLANS
EC-1 thru EC-9	EROSION CONTROL PLANS
SIGN-1 thru SIGN-7	SIGNING PLANS
W1 THRU W3	MECHANICALLY STABILIZED EARTH WALL PLANS
X-1	EARTHWORK VOLUME SHEET
X-2 THROUGH X-55	CROSS-SECTIONS

2012 ROADWAY ENGLISH STANDARD DRAWINGS

The following Roadway Standards as appear in "Roadway Standard Drawings" Highway Design Branch - N. C. Department of Transportation - Raleigh, N. C., Dated January, 2012 are applicable to this project and by reference hereby are considered a part of these plans:

STD. NO.	TITLE
DIVISION 2 - EARTHWORK	
200.03	Method of Clearing - Method III
225.01	Guide for Grading Subgrade - Interstate and Freeway
225.05	Method of Obtaining Superelevation - Divided Highways
DIVISION 3 - PIPE CULVERTS	
300.01	Method of Pipe Installation
DIVISION 5 - SUBGRADE, BASES AND SHOULDERS	
560.01	Method of Shoulder Construction - High Side of Superelevated Curve - Method I
DIVISION 6 - ASPHALT BASES AND PAVEMENTS	
654.01	Pavement Repairs
665.01	Asphalt Shoulders - Milled Rumble Strips
DIVISION 8 - INCIDENTALS	
840.00	Concrete Base Pad for Drainage Structures
840.18	Concrete Grated Drop Inlet Type 'B' - 12" thru 36" Pipe
840.20	Frames and Wide Slot Flat Grates
840.22	Frames and Wide Slot Sag Grates
840.27	Brick Grated Drop Inlet Type 'B' - 12" thru 36" Pipe
840.35	Traffic Bearing Grated Drop Inlet - for Cast Iron Double Frame and Grates
840.45	Precast Drainage Structure
840.46	Traffic Bearing Precast Drainage Structure
840.66	Drainage Structure Steps
840.71	Concrete and Brick Pipe Plug
840.72	Pipe Collar
846.01	Concrete Curb, Gutter and Curb & Gutter
846.04	Drop Inlet Installation in Shoulder Berm Gutter
862.01	Guardrail Placement
862.02	Guardrail Installation
876.01	Rip Rap in Channels
876.02	Guide for Rip Rap at Pipe Outlets
876.04	Drainage Ditches with Class 'B' Rip Rap

GENERAL NOTES:

GRADING AND SURFACING OR RESURFACING AND WIDENING:

THE GRADE LINES SHOWN DENOTE THE FINISHED ELEVATION OF THE PROPOSED SURFACING AT GRADE POINTS SHOWN ON THE TYPICAL SECTIONS. WHERE NO GRADE LINES ARE SHOWN, THE PROFILES SHOWN DENOTE THE TOP ELEVATION OF THE EXISTING PAVEMENT ALONG THE CENTER LINE OF SURVEY ON WHICH THE PROPOSED RESURFACING WILL BE PLACED. GRADE LINES MAY BE ADJUSTED BY THE ENGINEER IN ORDER TO SECURE A PROPER TIE-IN.

CLEARING:

CLEARING ON THIS PROJECT SHALL BE PERFORMED TO THE LIMITS ESTABLISHED BY METHOD III.

SUPERELEVATION:

ALL CURVES ON THIS PROJECT SHALL BE SUPERELEVATED IN ACCORDANCE WITH STD. NO. 225.05 USING THE RATE OF SUPERELEVATION AND RUNOFF SHOWN ON THE PLANS. SUPERELEVATION IS TO BE REVOLVED ABOUT THE GRADE POINTS SHOWN ON THE TYPICAL SECTIONS.

SHOULDER CONSTRUCTION:

ASPHALT, EARTH, AND CONCRETE SHOULDER CONSTRUCTION ON THE HIGH SIDE OF SUPERELEVATED CURVES SHALL BE IN ACCORDANCE WITH STD. NO. 560.01.

GUARDRAIL:

THE GUARDRAIL LOCATIONS SHOWN ON THE PLANS MAY BE ADJUSTED DURING CONSTRUCTION AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHOULD CONSULT WITH THE ENGINEER PRIOR TO ORDERING GUARDRAIL MATERIAL.

TEMPORARY SHORING:

SHORING REQUIRED FOR THE MAINTENANCE OF TRAFFIC WILL BE PAID FOR AS "EXTRA WORK" IN ACCORDANCE WITH SECTION 104-7.

SUBSURFACE PLANS:

NO SUBSURFACE PLANS ARE AVAILABLE ON THIS PROJECT. THE CONTRACTOR SHOULD MAKE HIS OWN INVESTIGATION AS TO THE SUBSURFACE CONDITIONS.

ROCK:

ROCK IS ANTICIPATED BETWEEN 329±80 & 340±75. BLASTING MAY BE REQUIRED FOR EXCAVATION ON THE PROJECT. SEE SECTION 220 OF THE STANDARD SPECIFICATIONS AND IF APPLICABLE, ROCK BLASTING PROVISION

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STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

PROJ. REFERENCE NO.	SHEET NO.
I-5508	X-1

NOTE: EMBANKMENT COLUMN DOES NOT INCLUDE BACKFILL FOR UNDERCUT

CROSS-SECTION SUMMARY

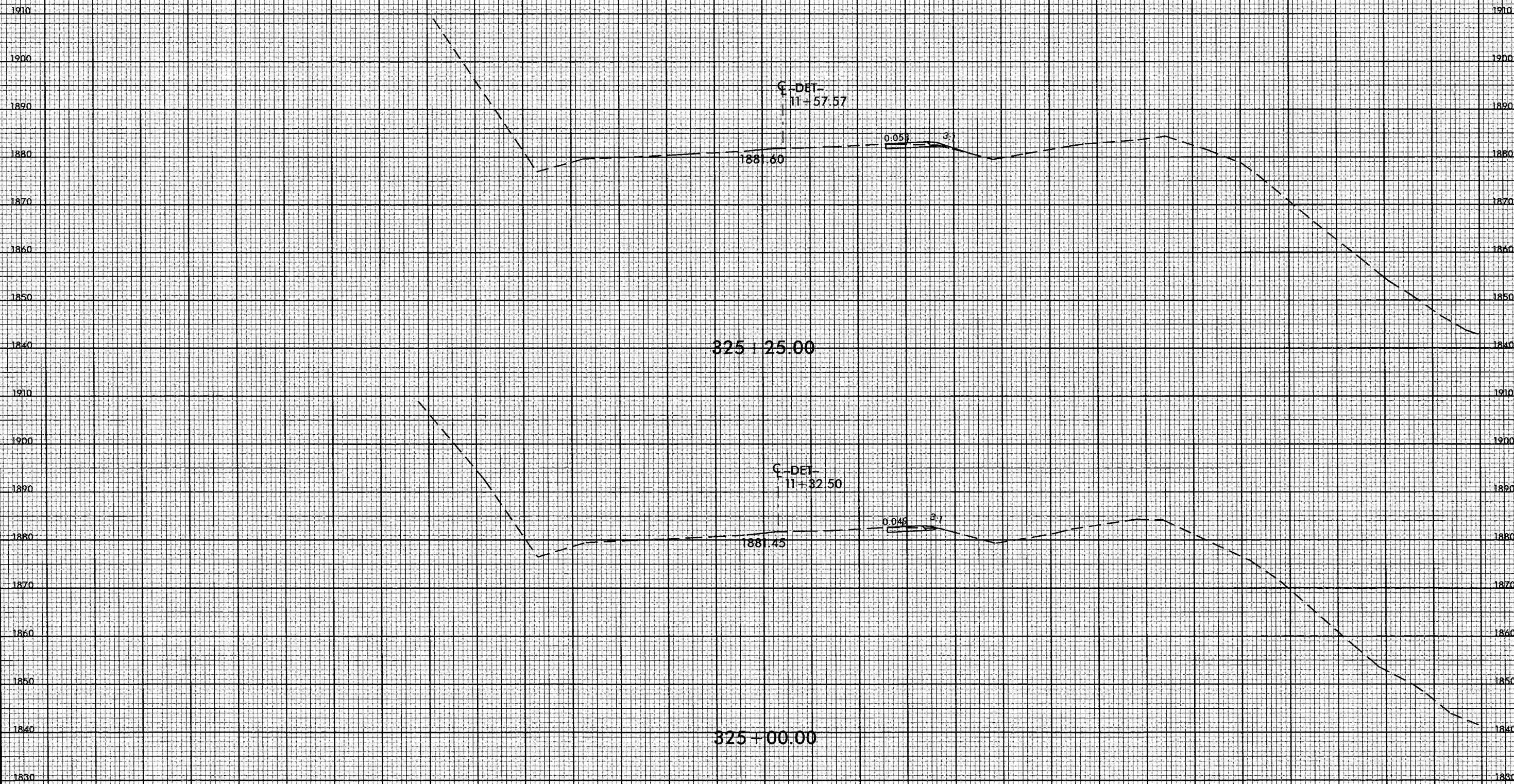
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331+50.00	165	13	327+50.00	36	31	340+75.00	15	12												
331+75.00	507	11	327+75.00	43	30	341+00.00	12	19												
332+00.00	899	11	328+00.00	43	30	341+25.00	10	26												
332+25.00	1350	9	328+25.00	30	31	341+50.00	12	15												
332+50.00	1753	8	328+50.00	25	31	341+75.00	13	6												
332+75.00	2253	8	328+75.00	26	35	342+00.00	11	7												
333+00.00	3007	6	329+00.00	28	34	342+25.00	10	28												
333+25.00	3707	6	329+25.00	36	32	342+50.00	9	32												
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			337+75.00	57	7															
323+67.59	0	0	338+00.00	64	6															
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326+50.00	17	21	339+75.00	79	3															
326+75.00	19	23	340+00.00	70	5															
327+00.00	19	27	340+25.00	39	28															

Quantities are approximate only. The Resident Engineer will re-cross-section the work accurately when the project is staked out. These cross-section notes will be used in computing the final quantities for which the contractor will be paid.

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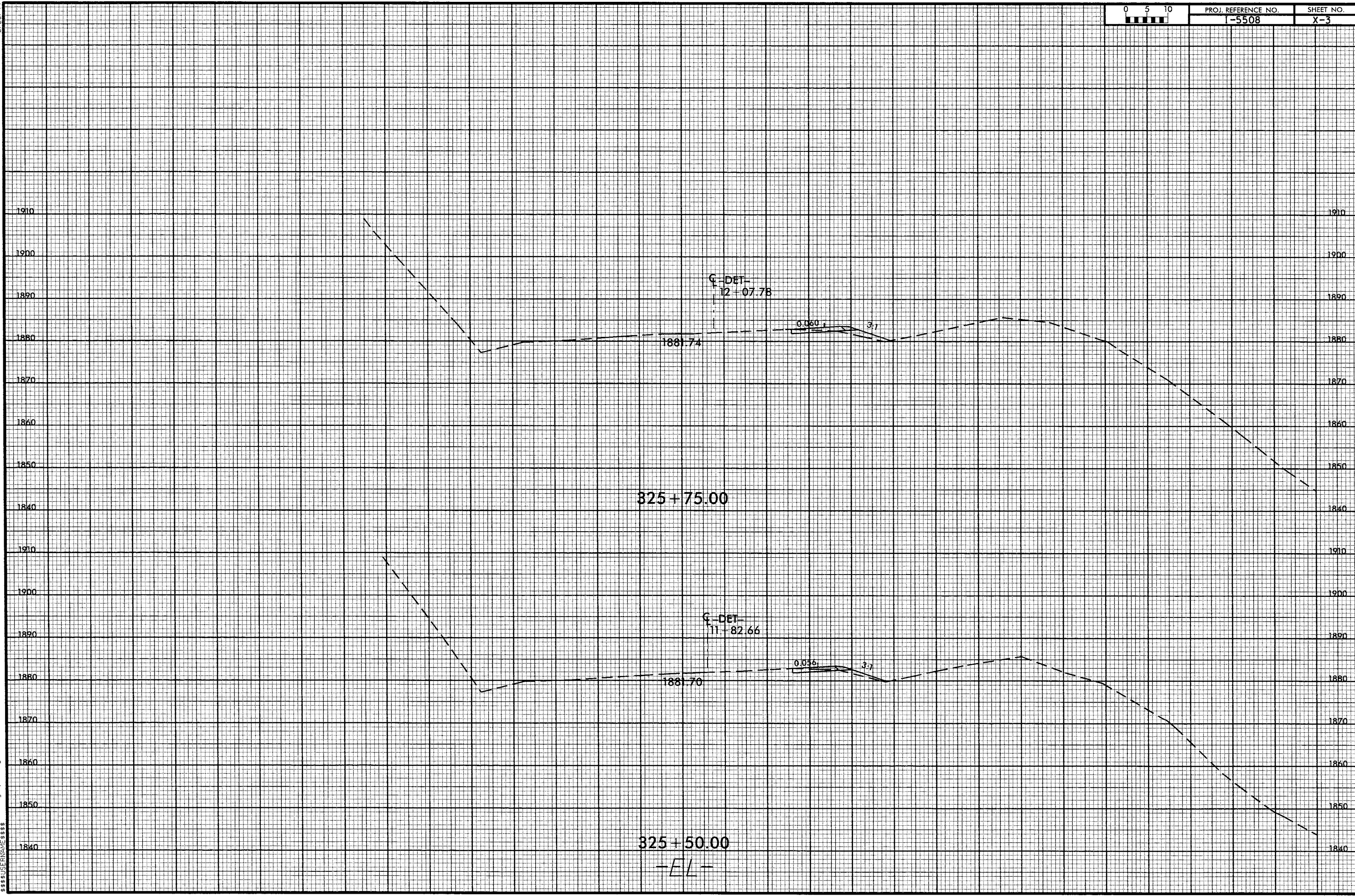
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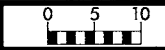
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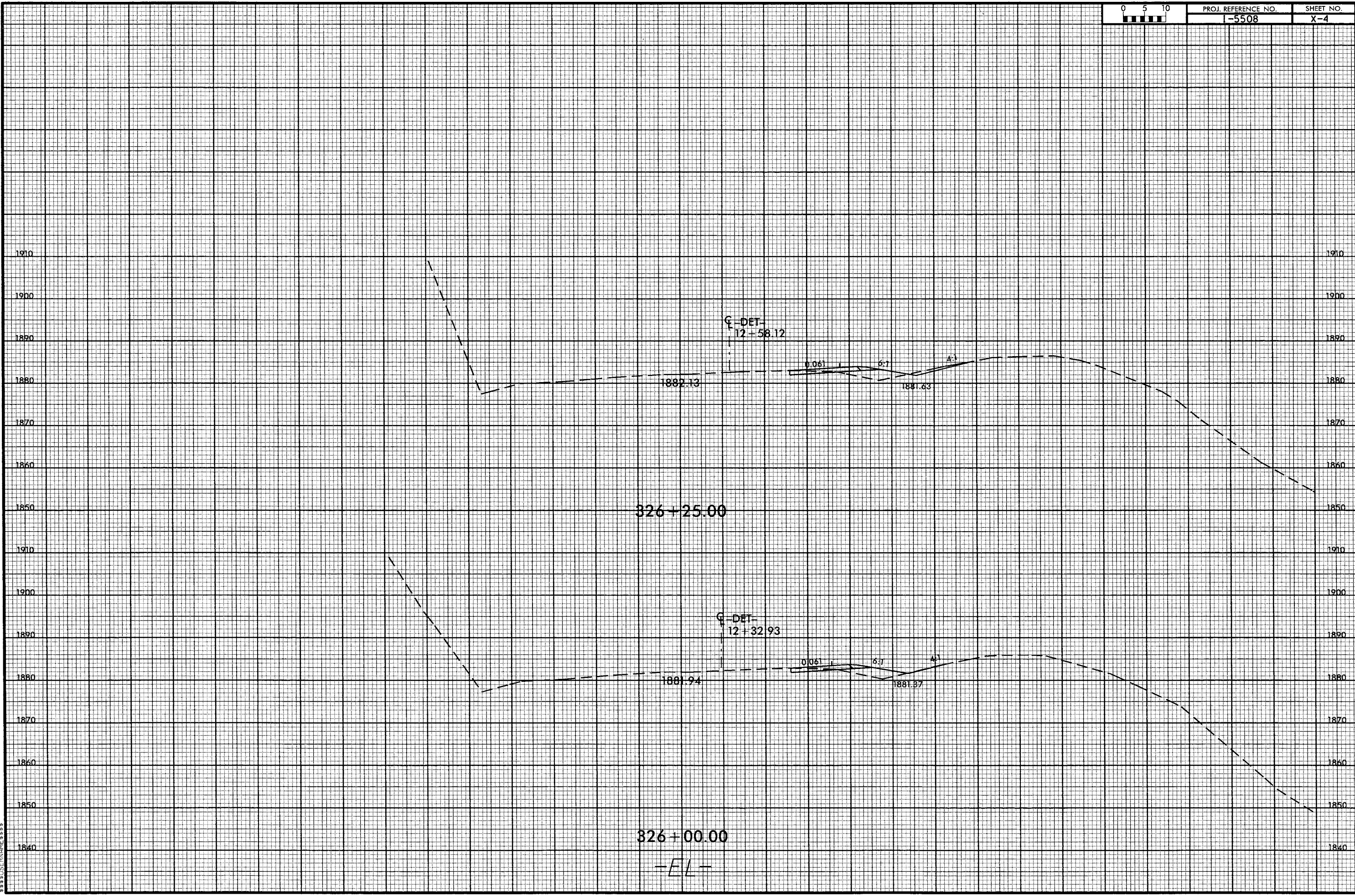


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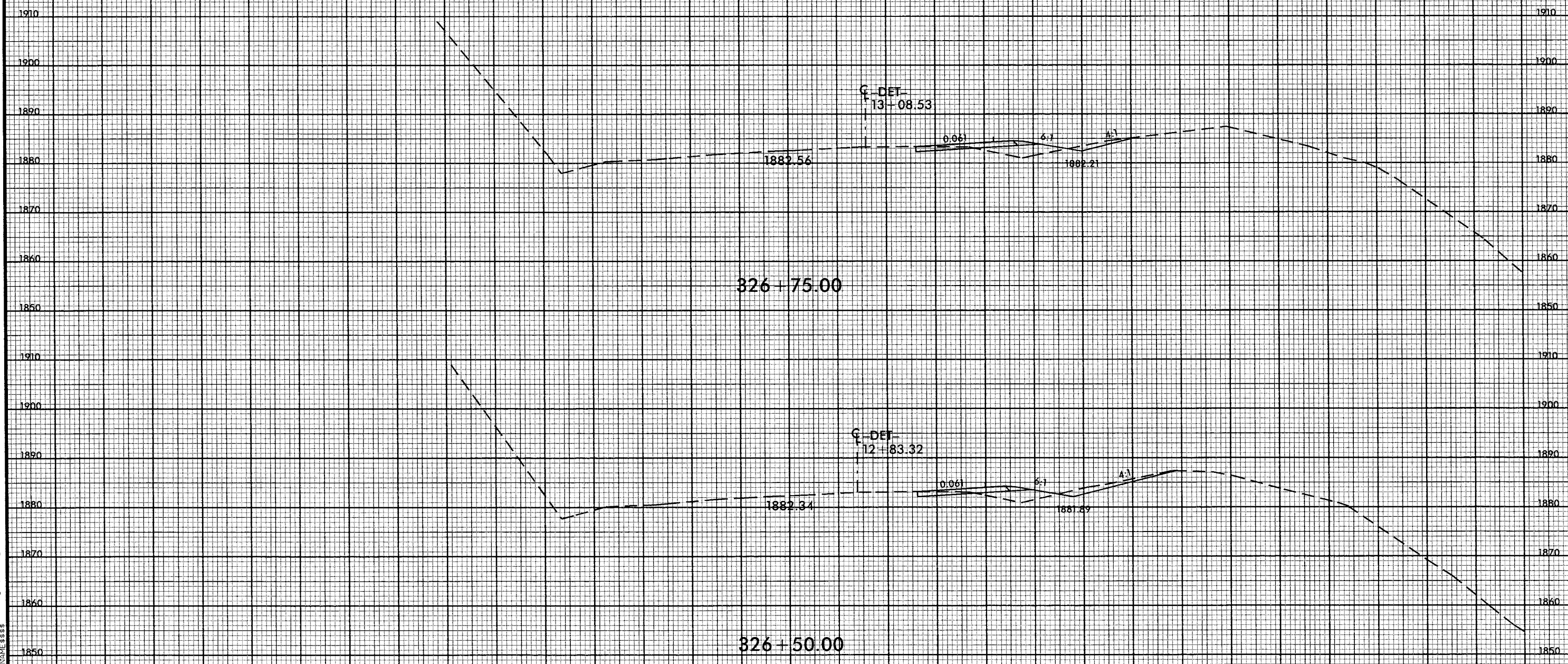
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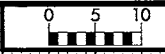
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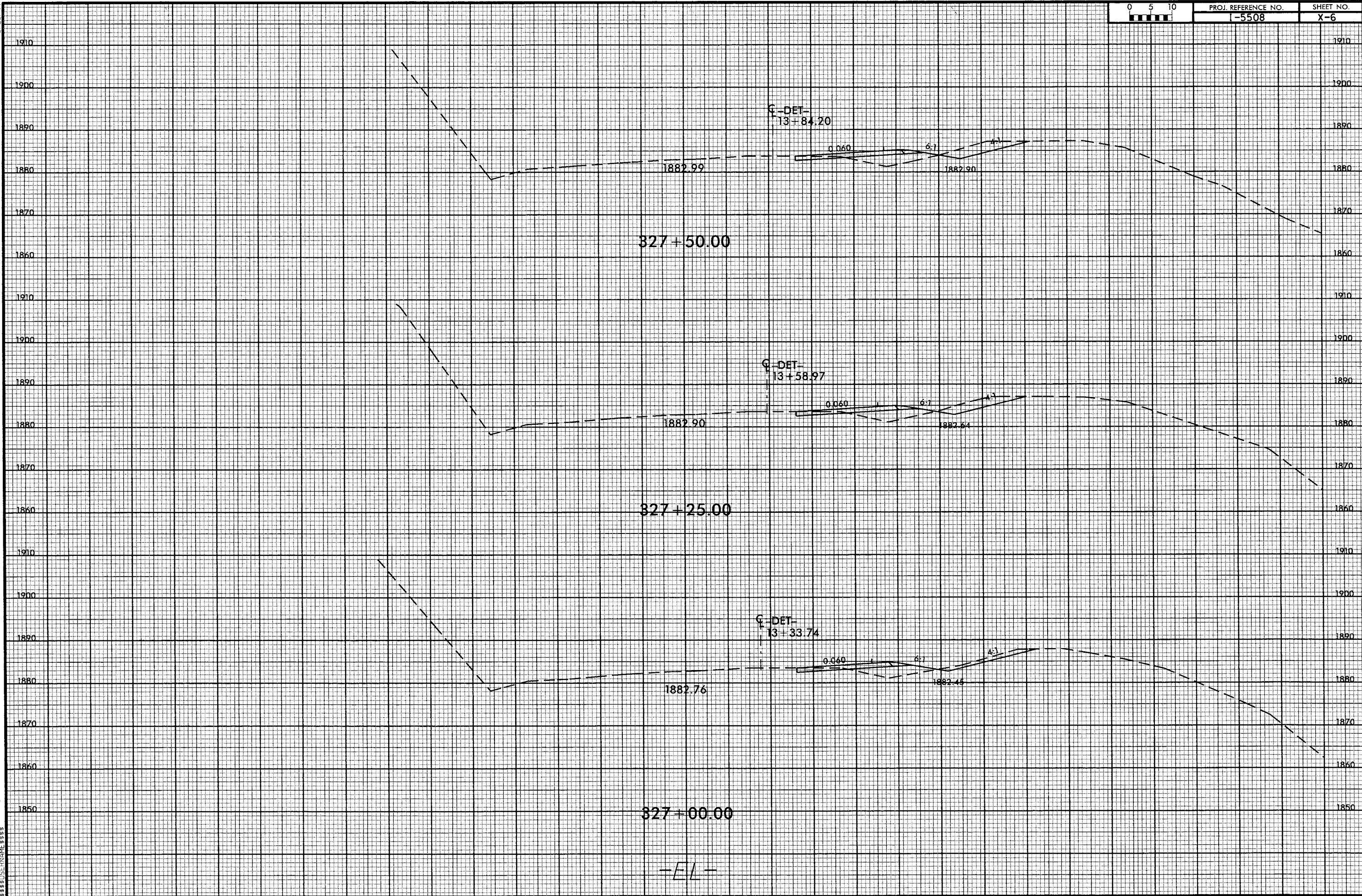
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327 + 50.00

C-DET-  
13 + 84.20

1882.99

1882.90

327 + 25.00

C-DET-  
13 + 58.97

1882.90

1882.64

327 + 00.00

C-DET-  
13 + 33.74

1882.76

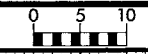
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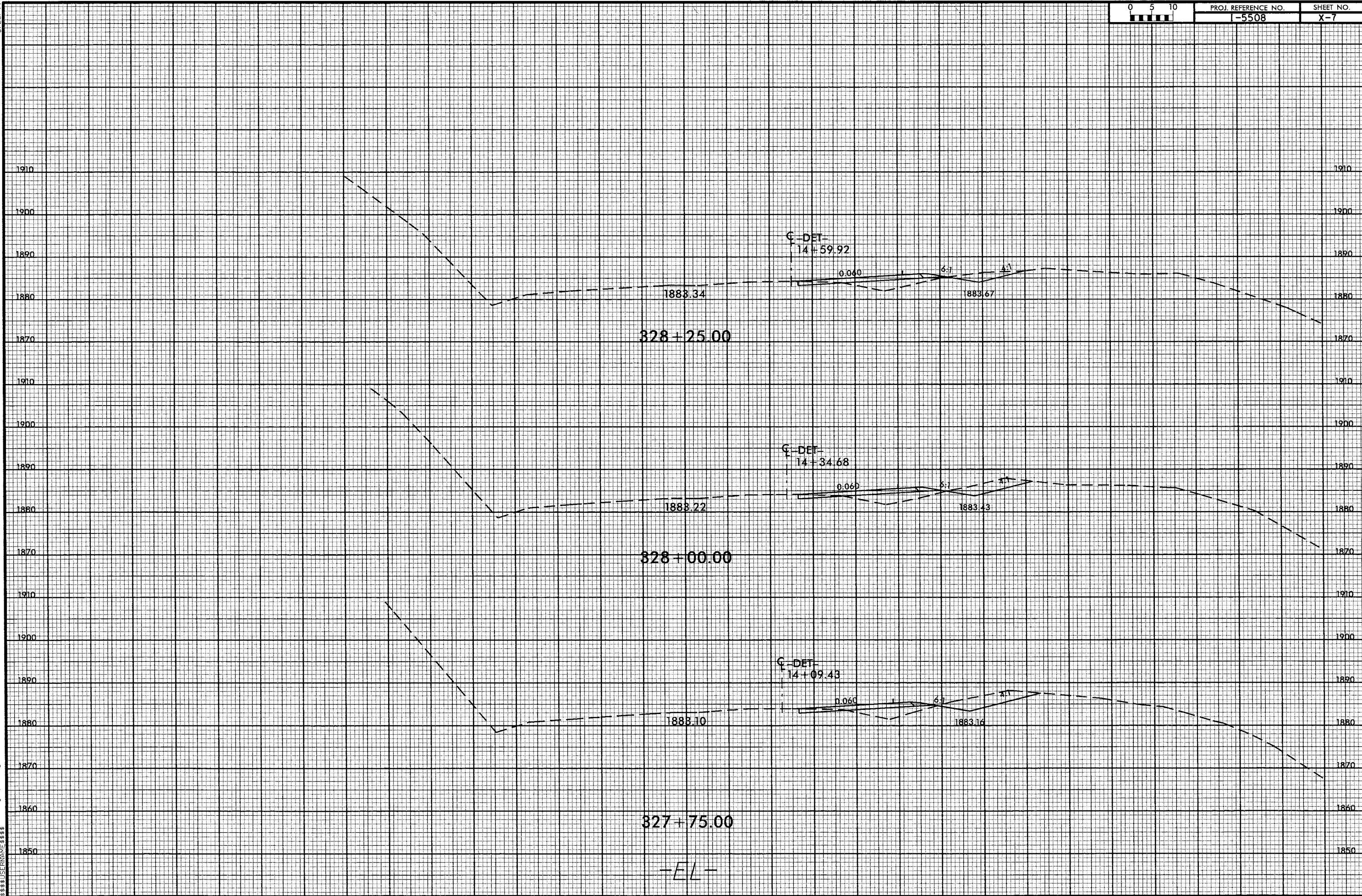
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328+25.00

328+00.00

327+75.00

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C-DET-14+59.92

C-DET-14+34.68

C-DET-14+09.43

1883.34

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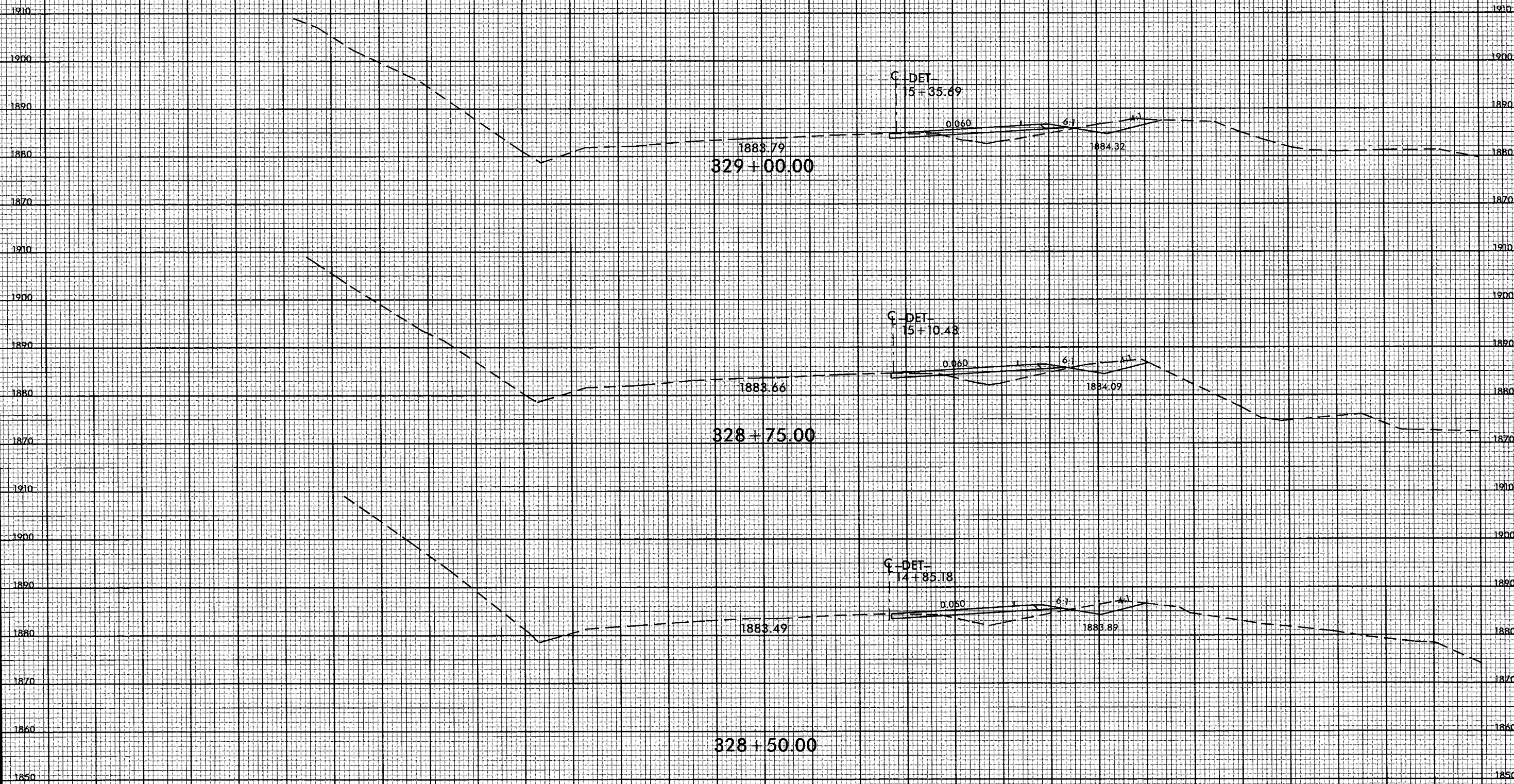
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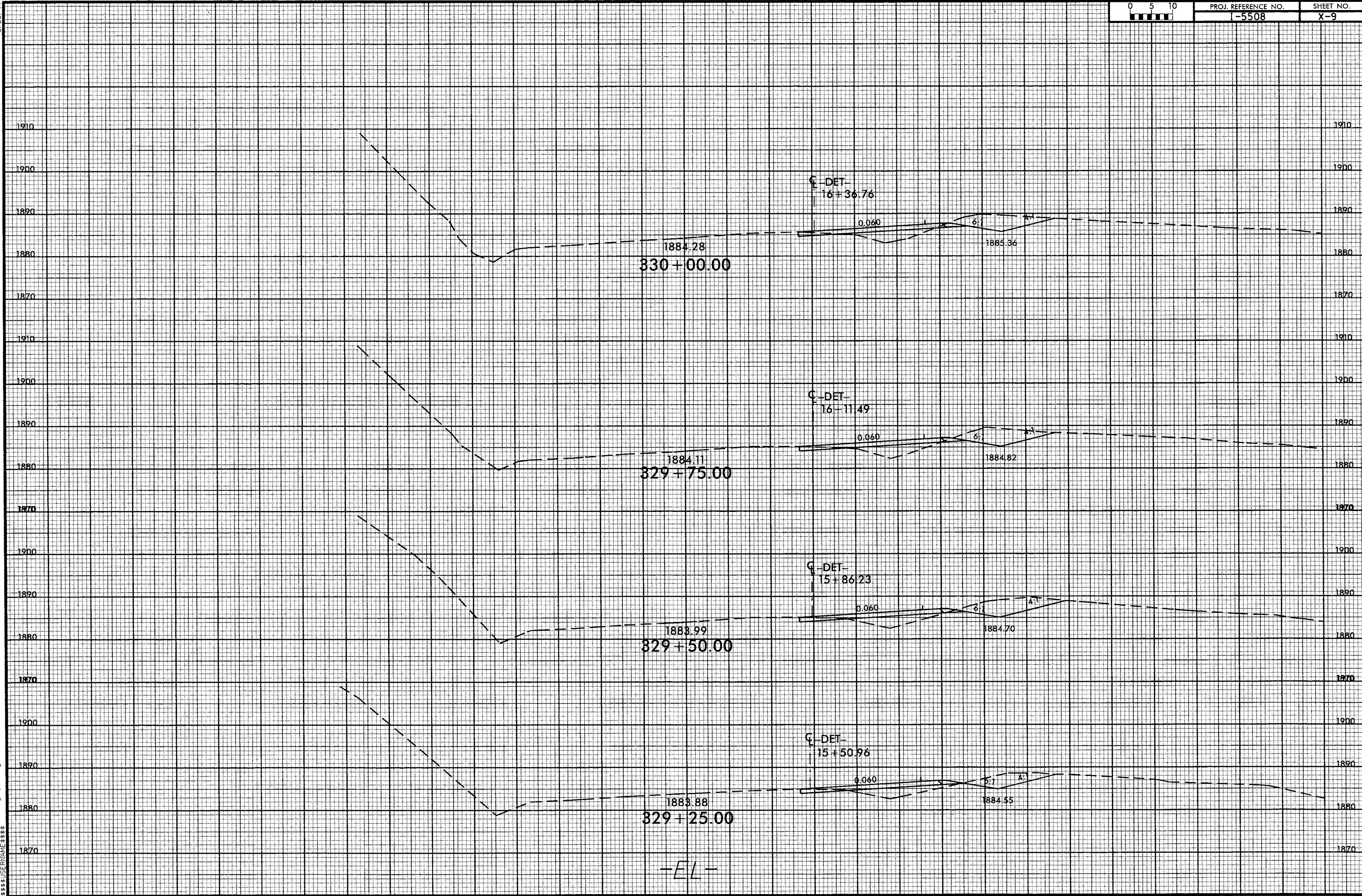
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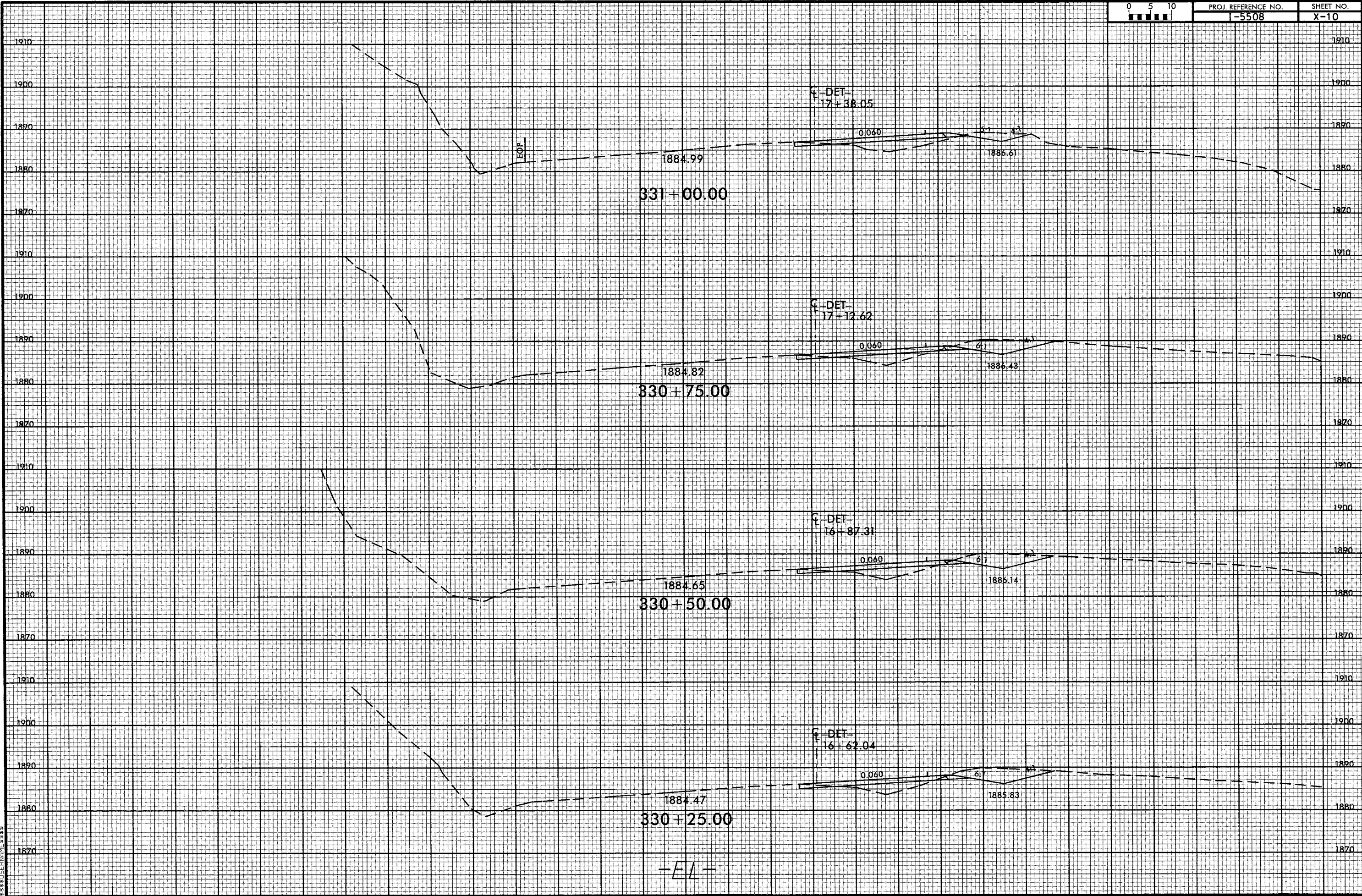


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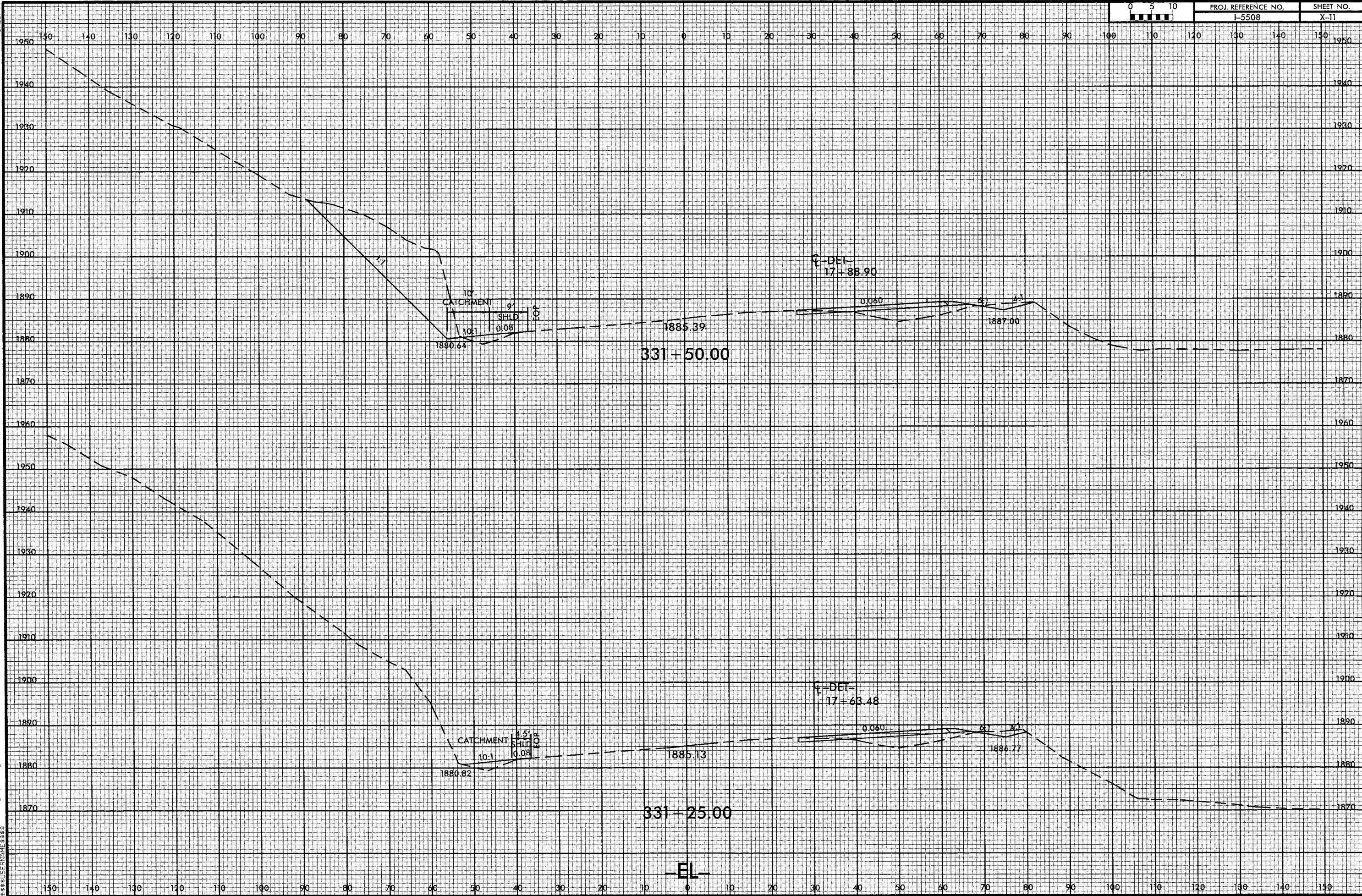


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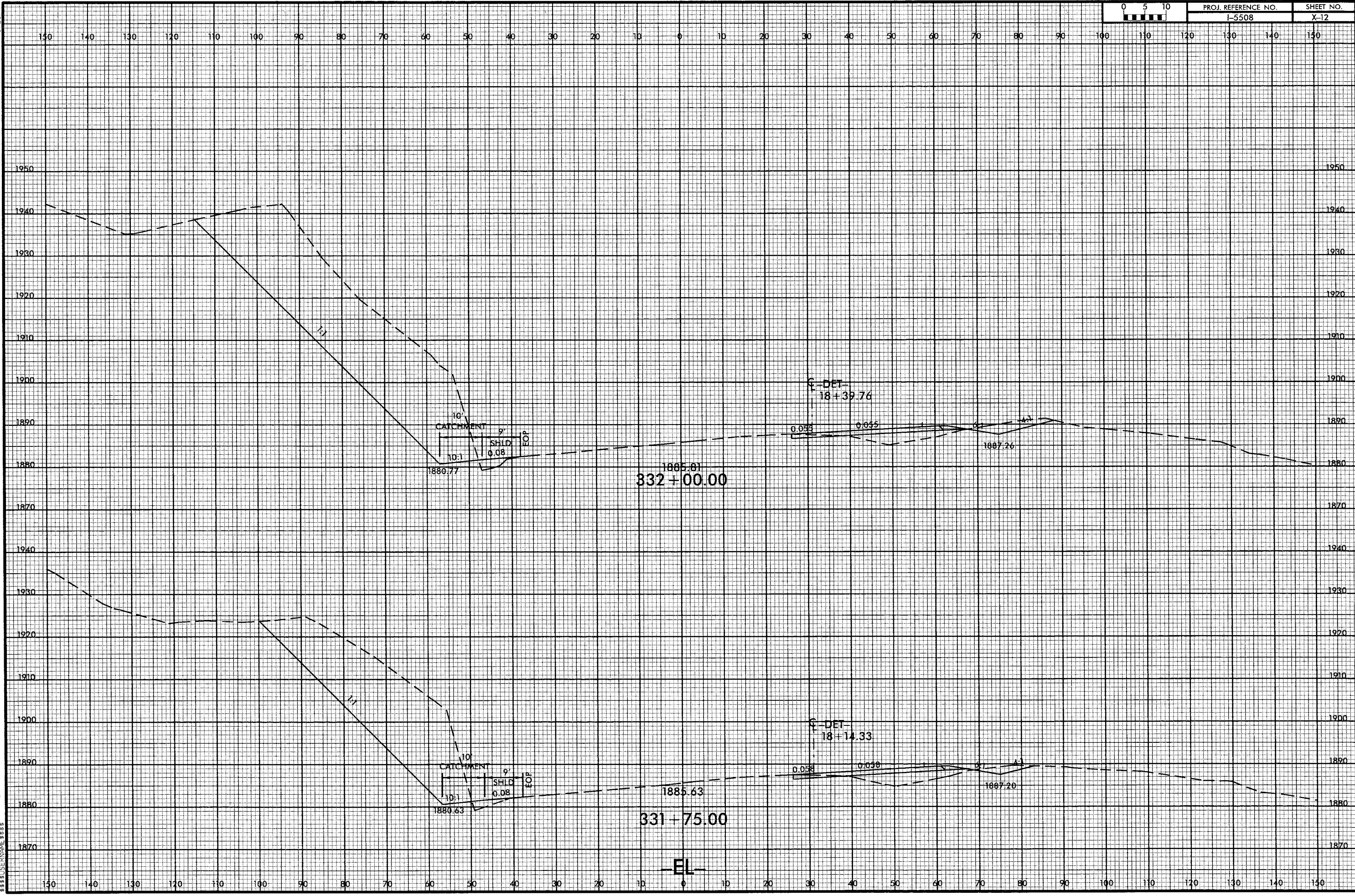
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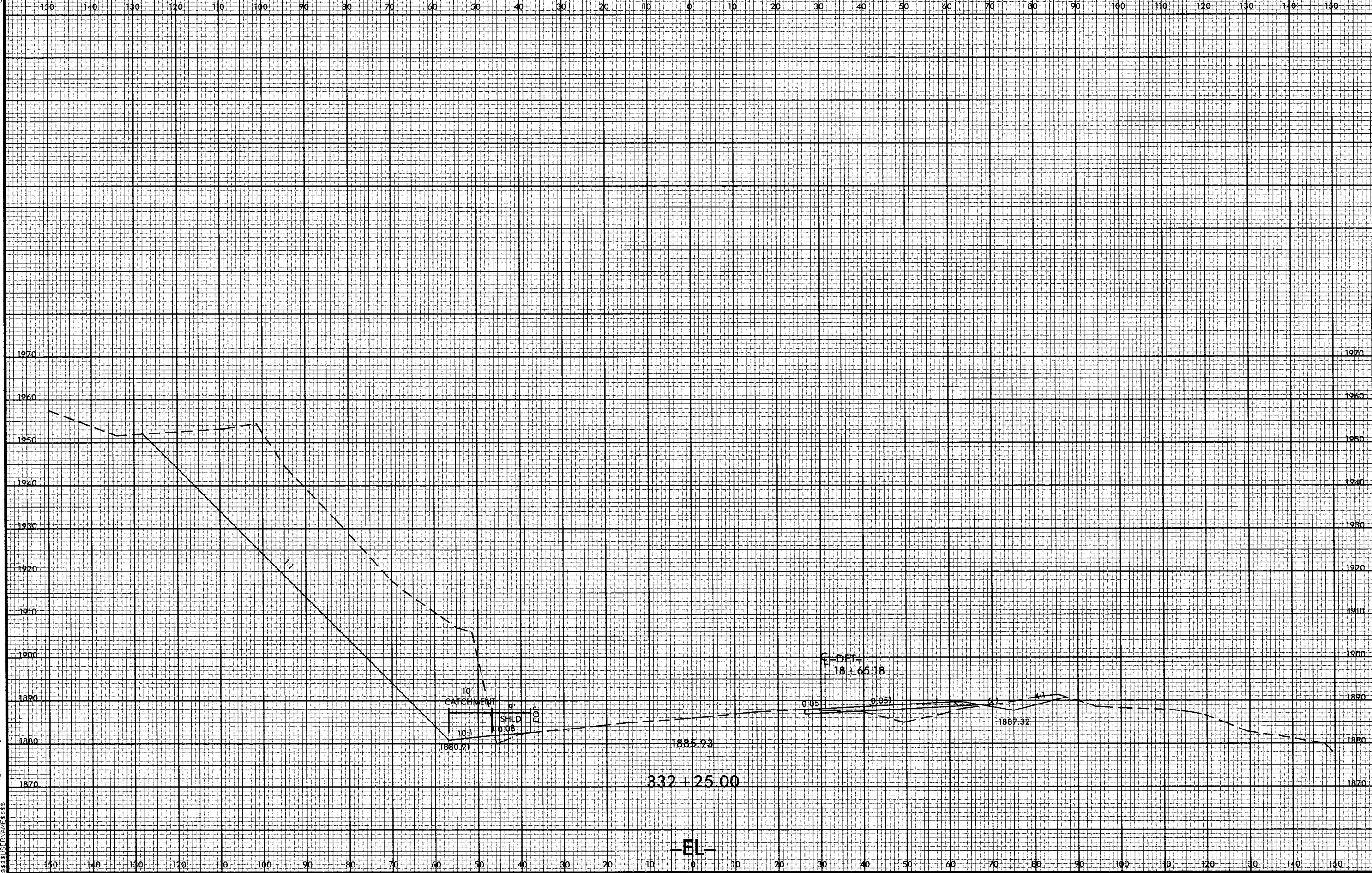
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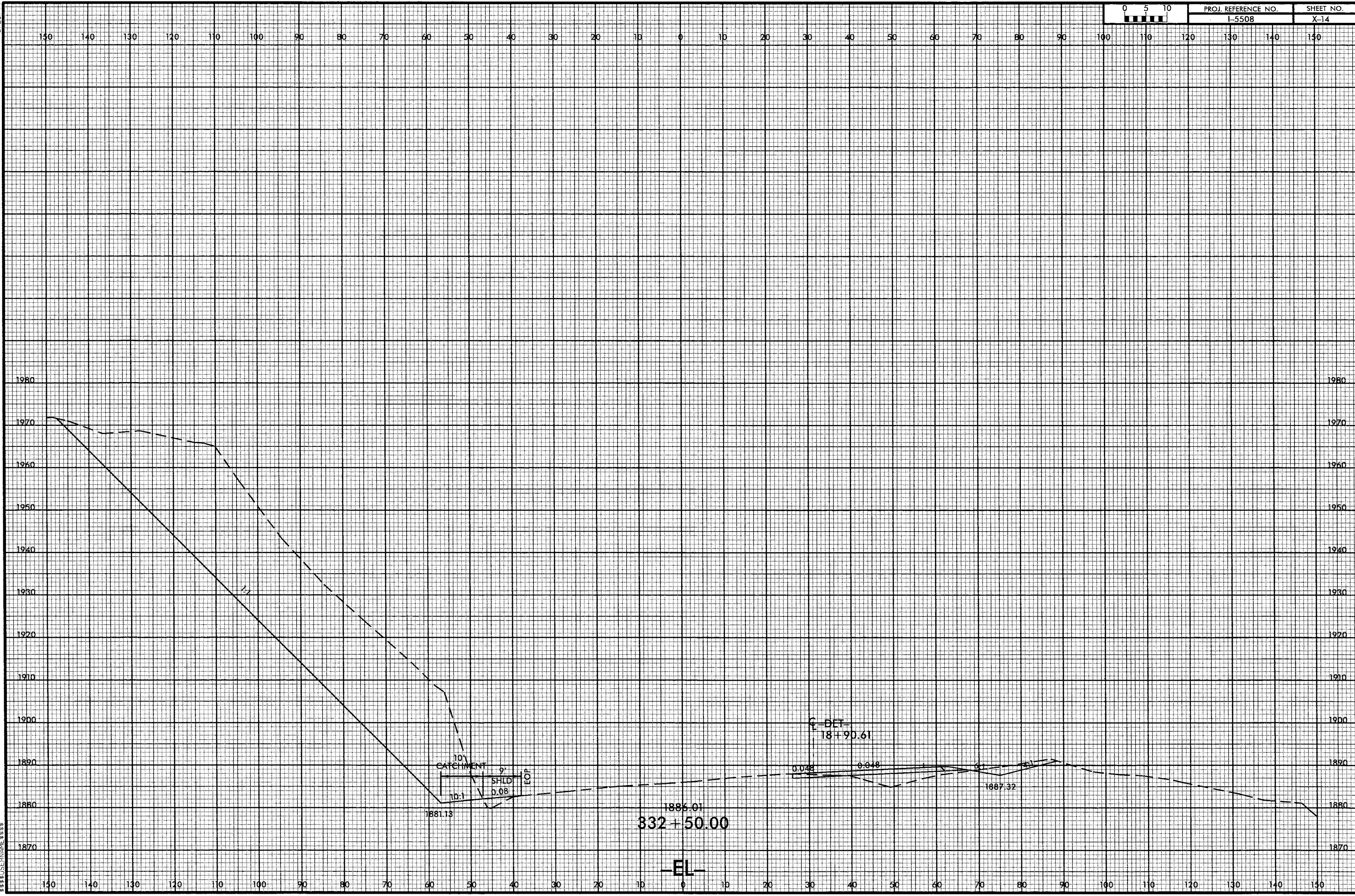
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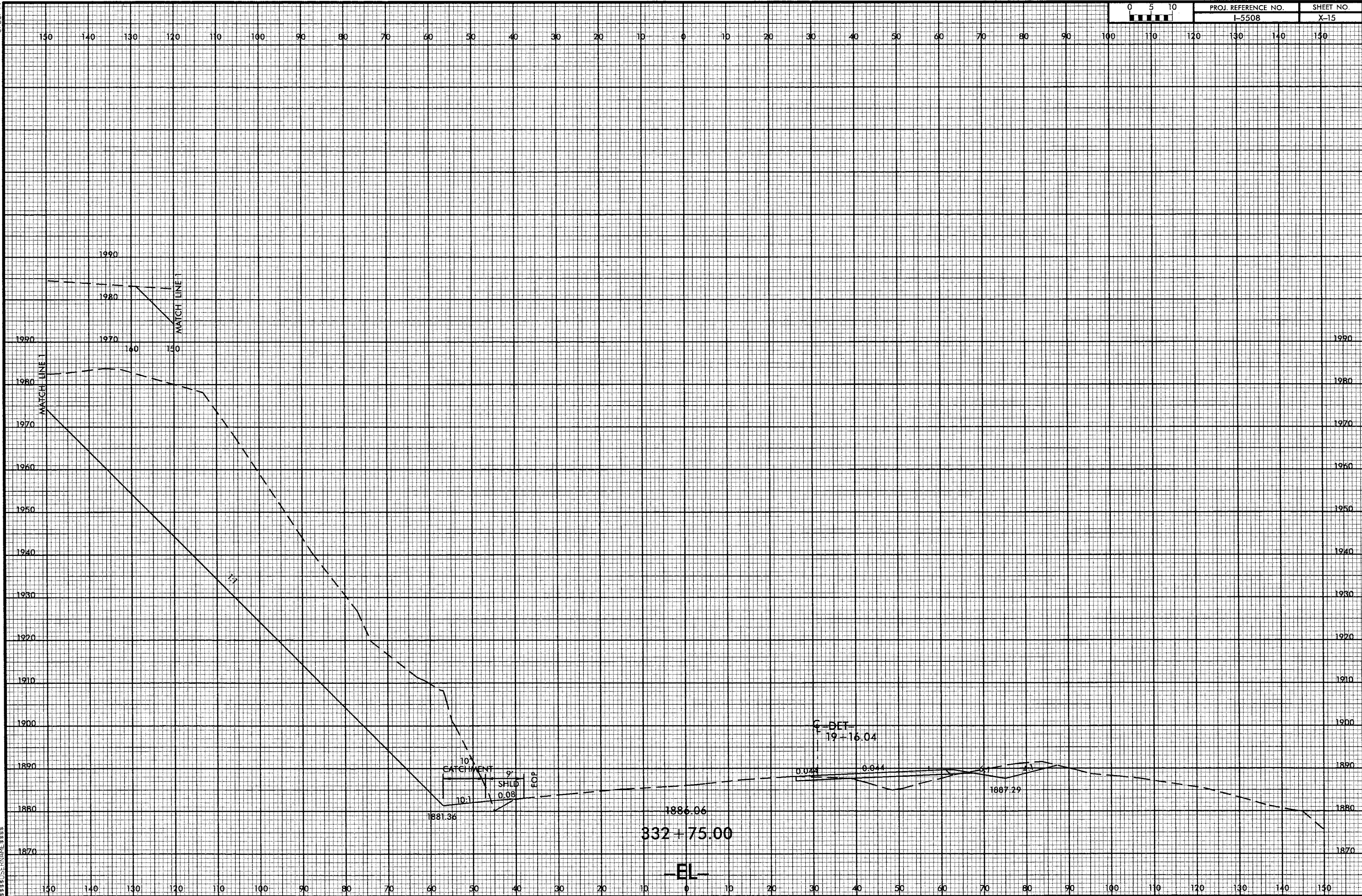
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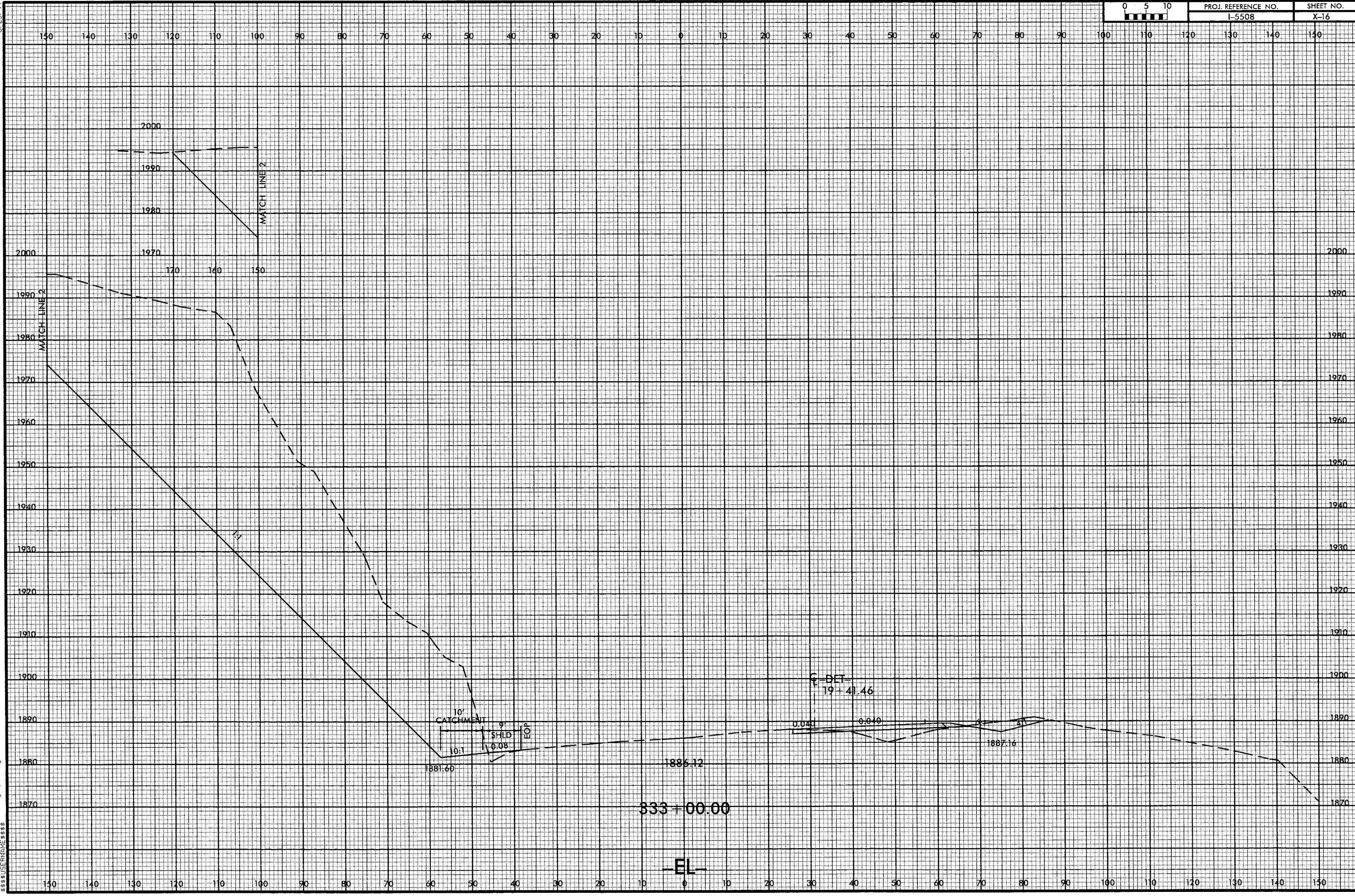


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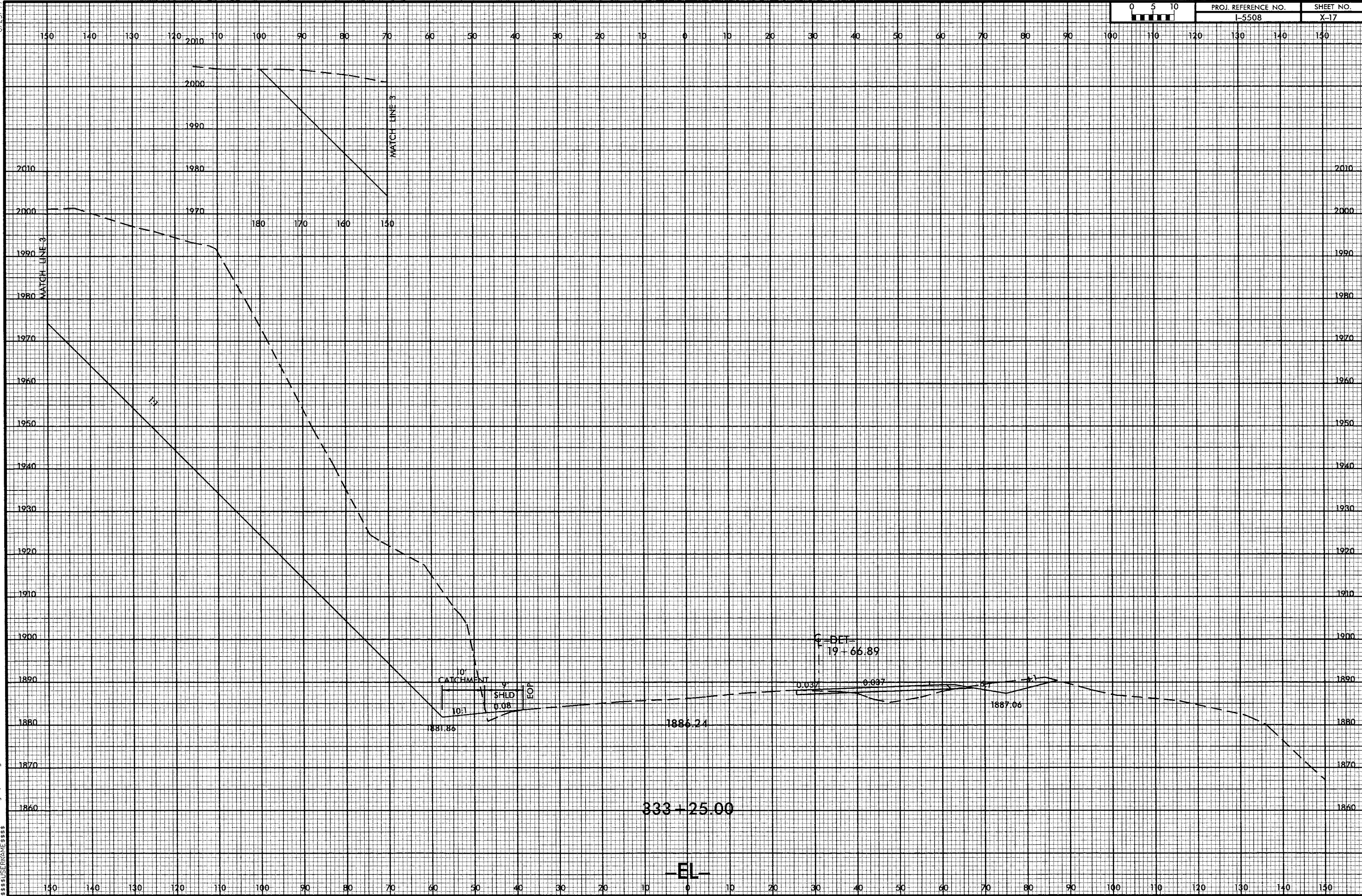
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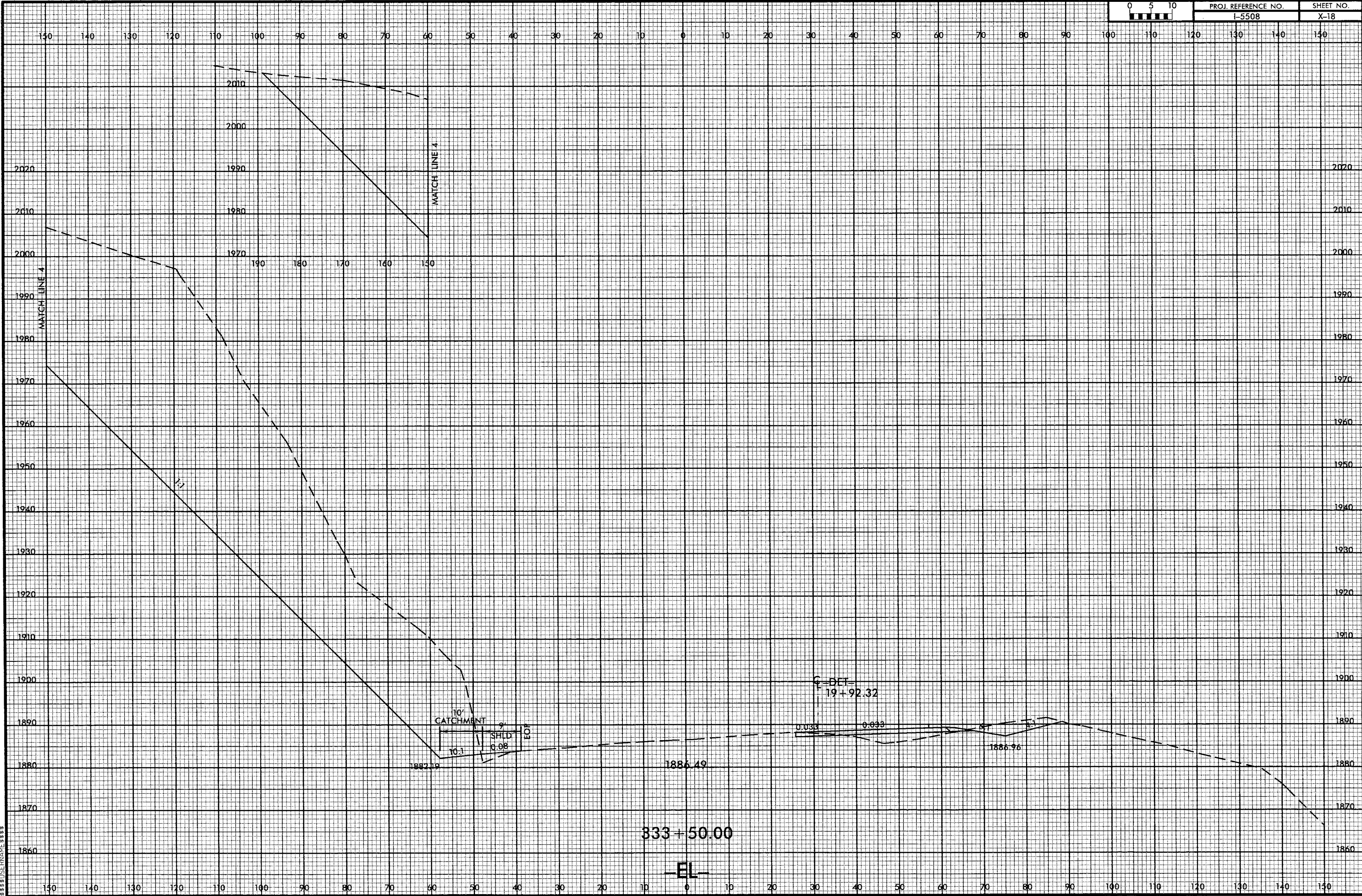
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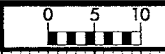
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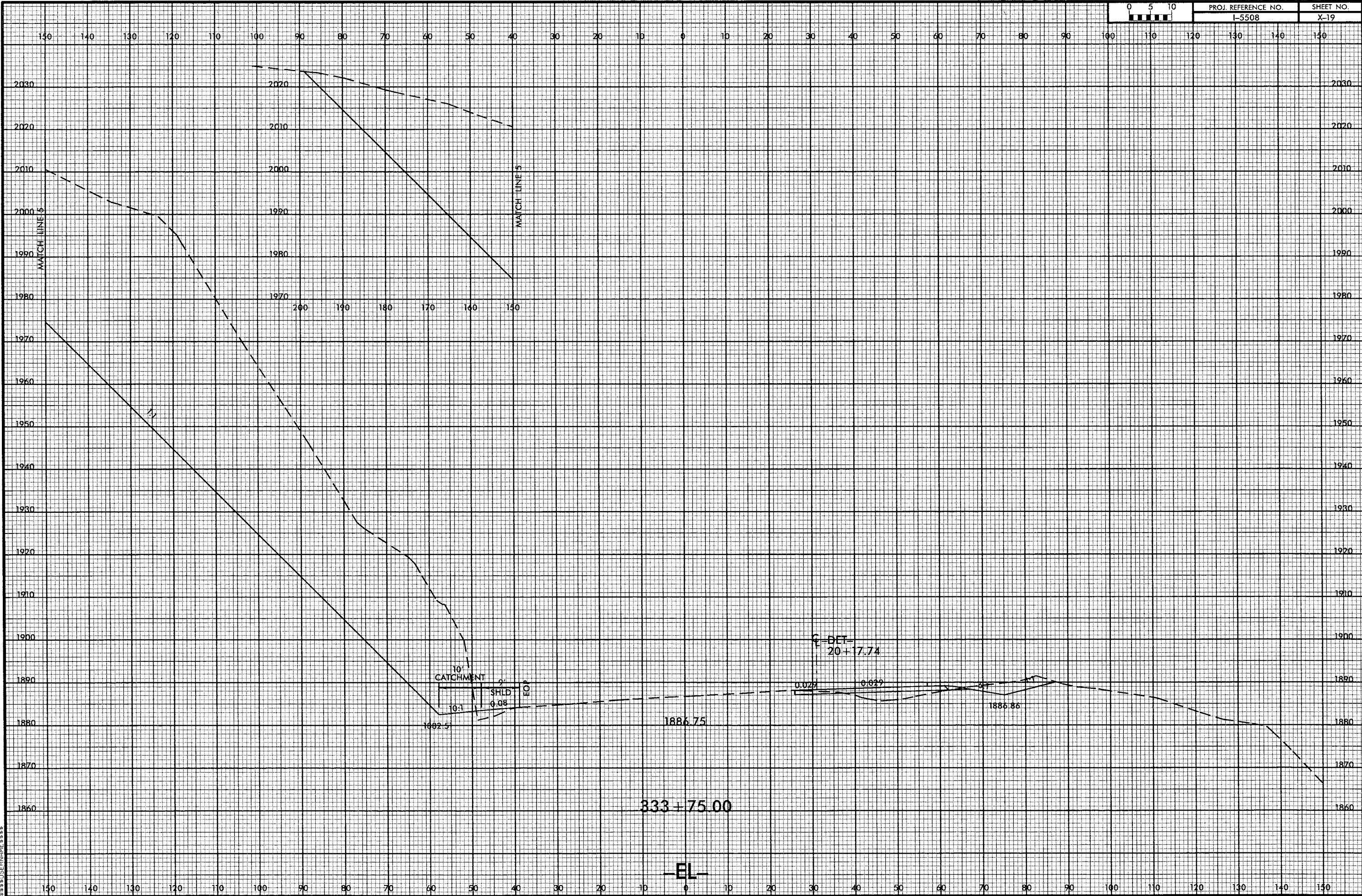
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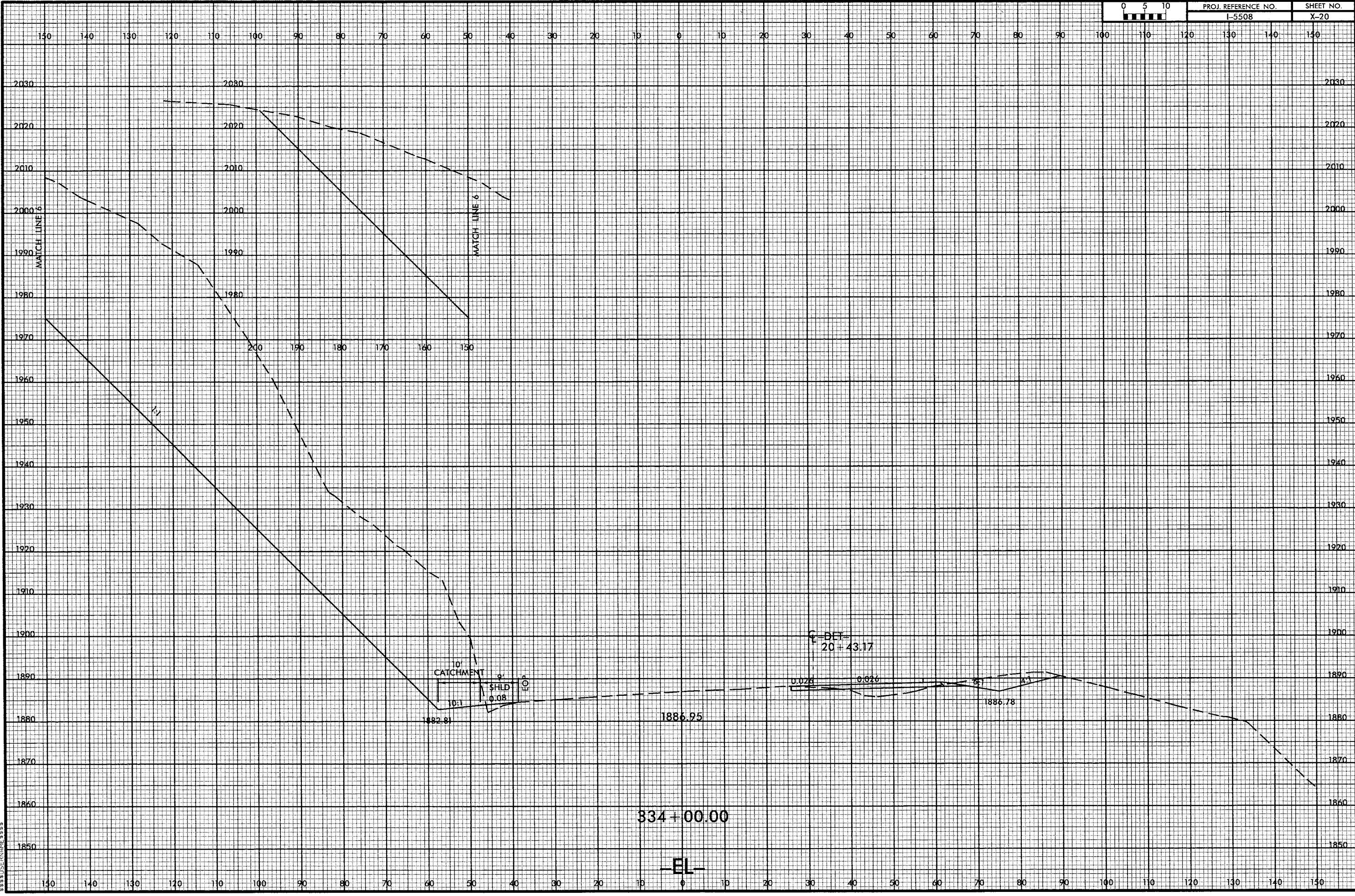
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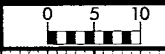
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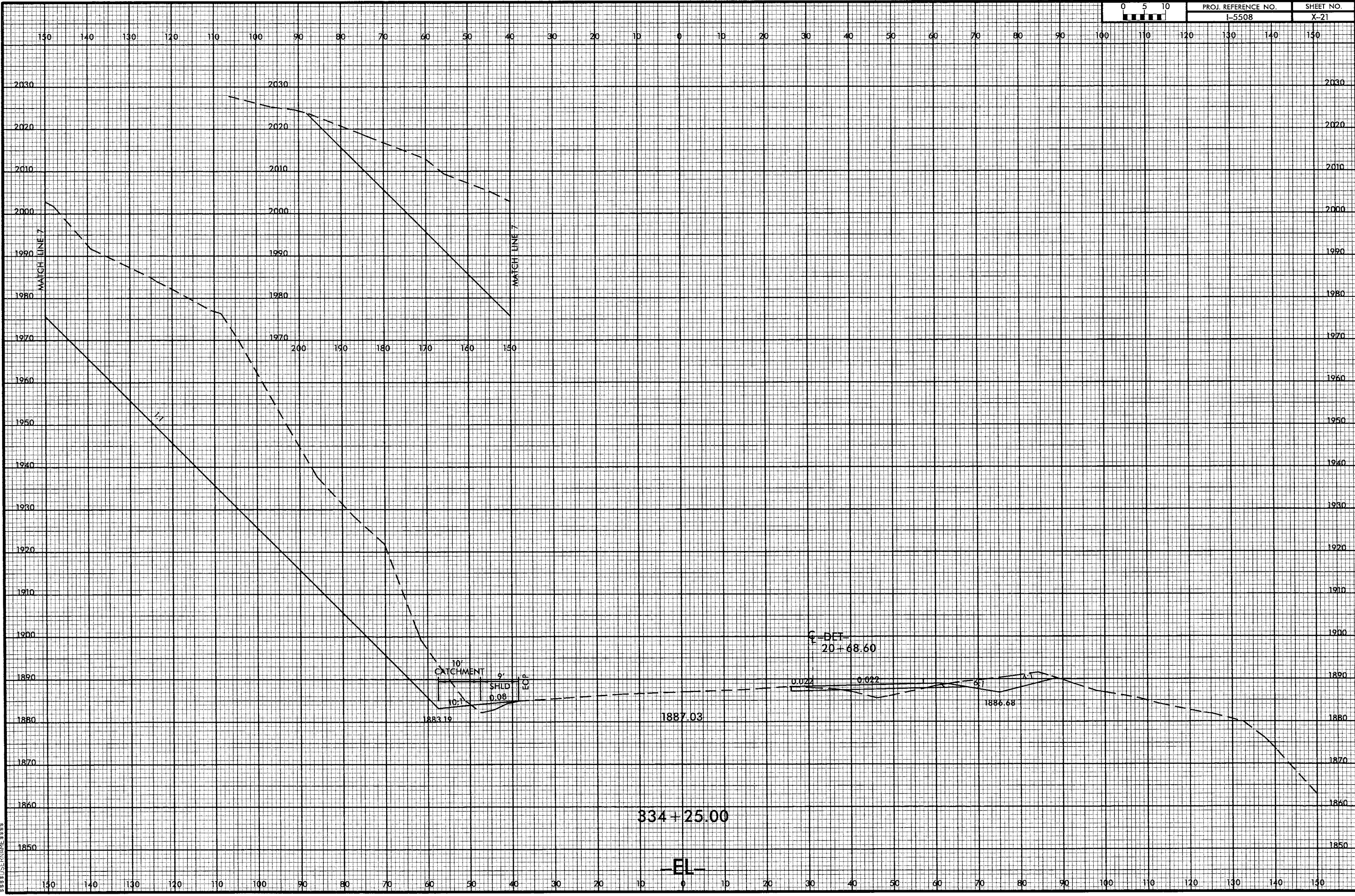


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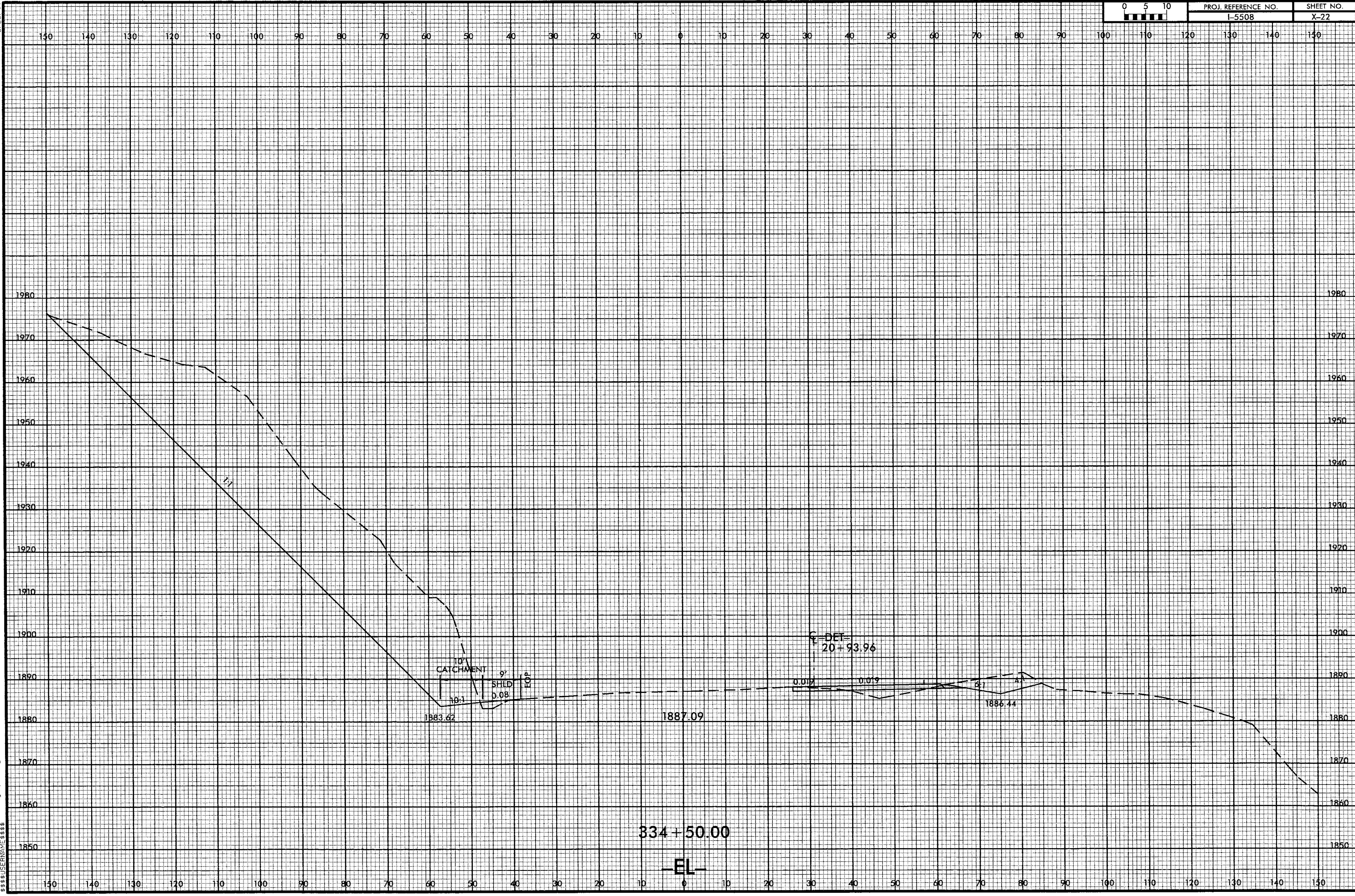


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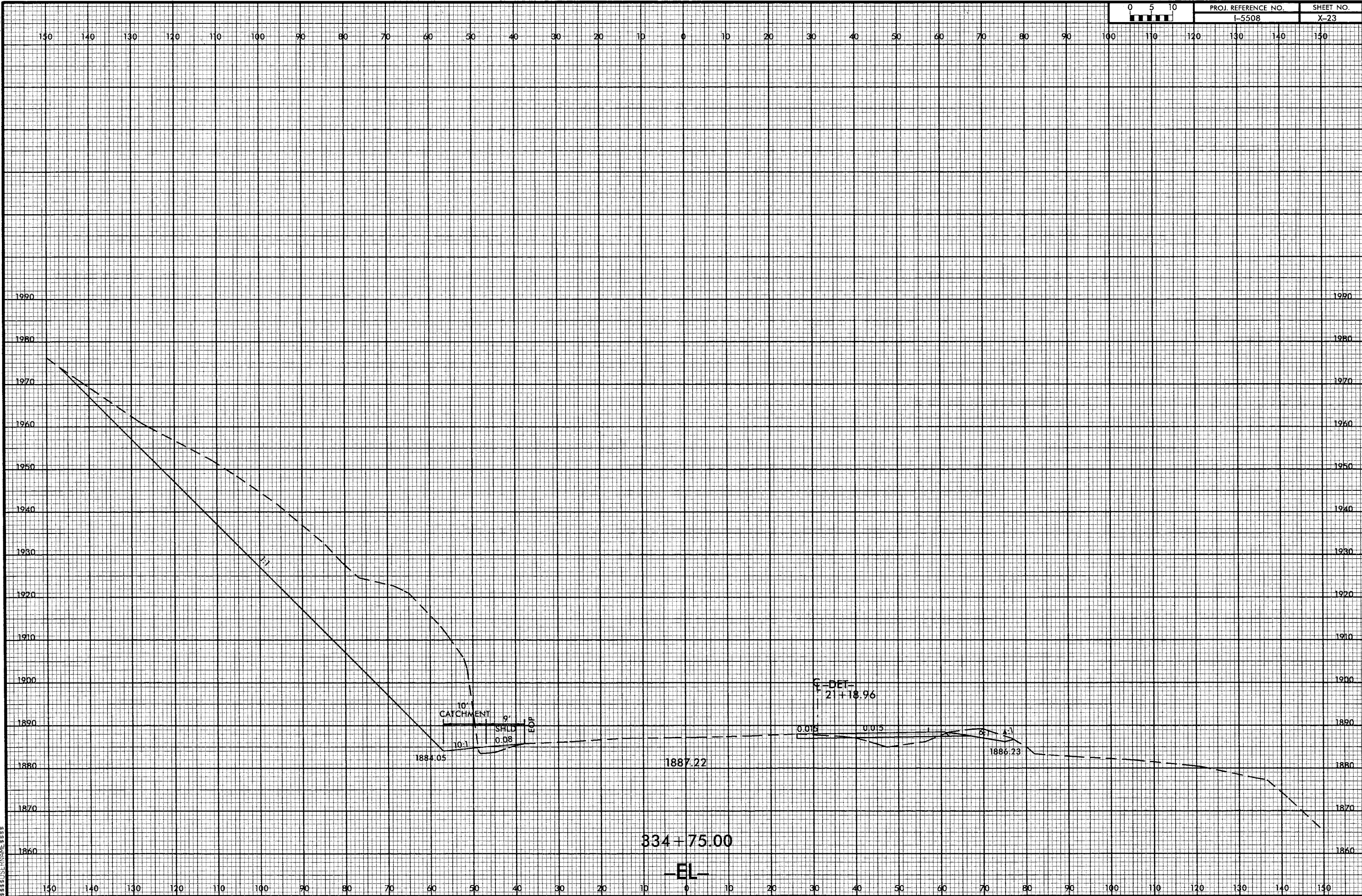


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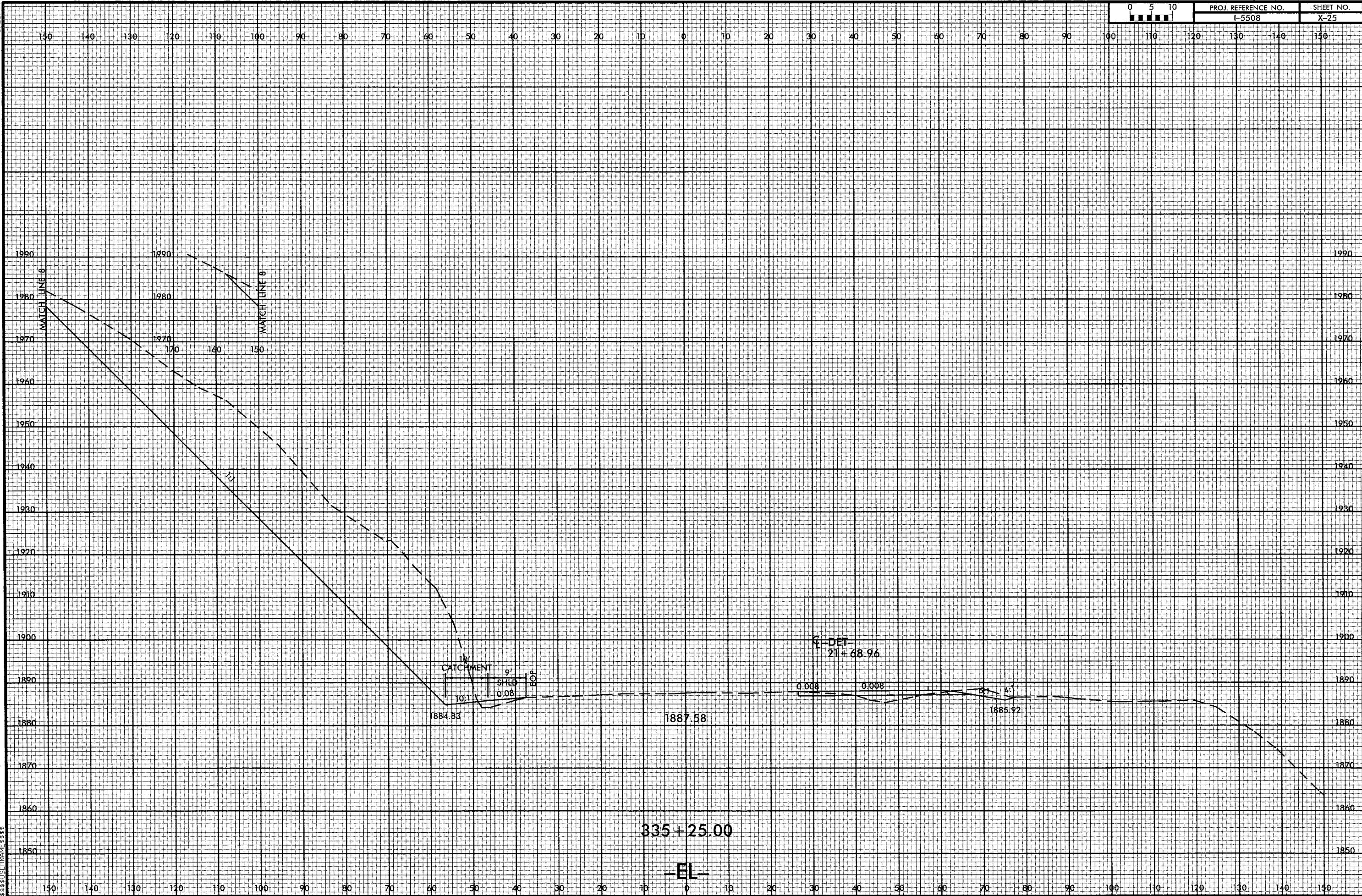


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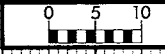




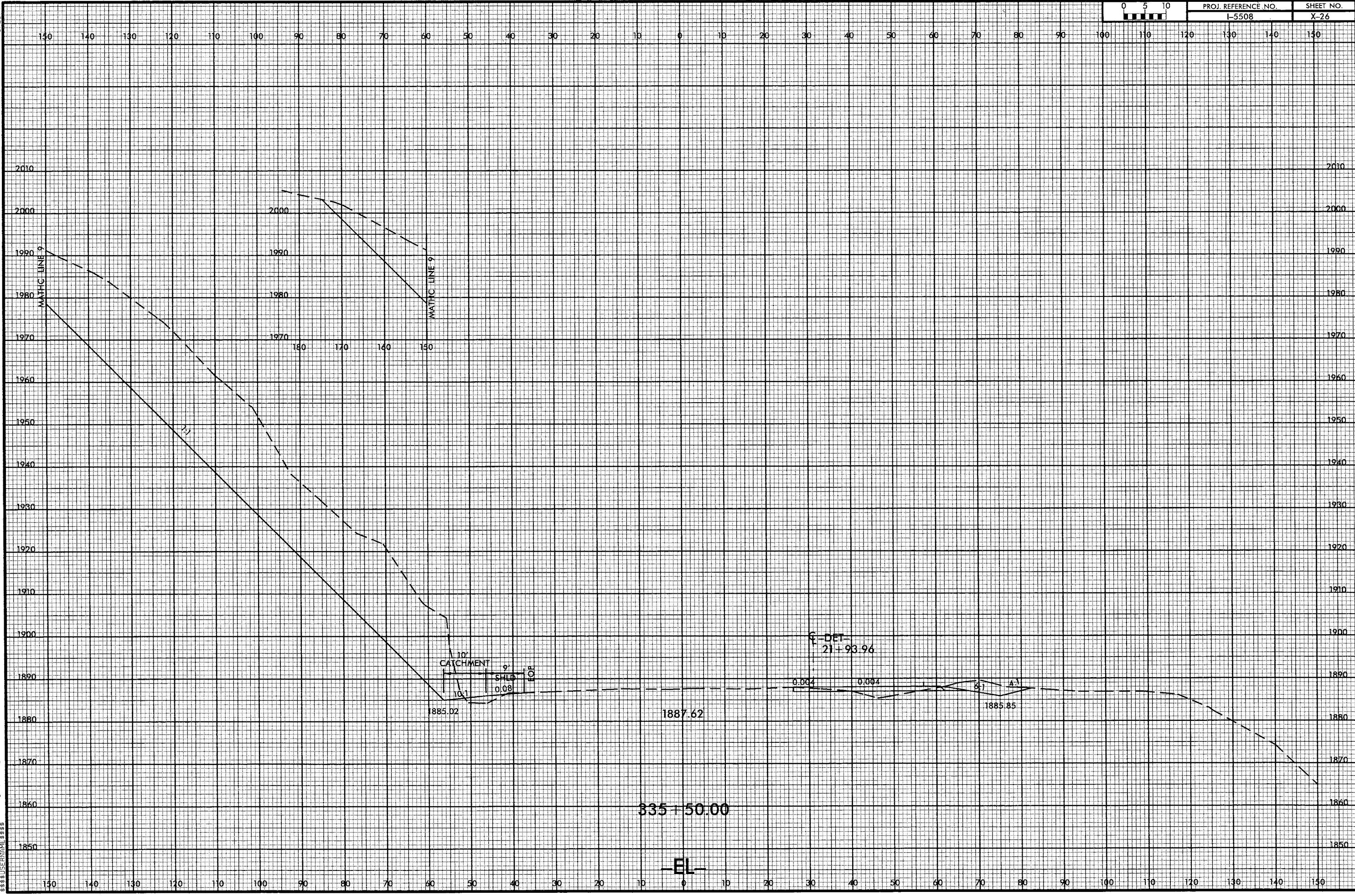
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B/23/99

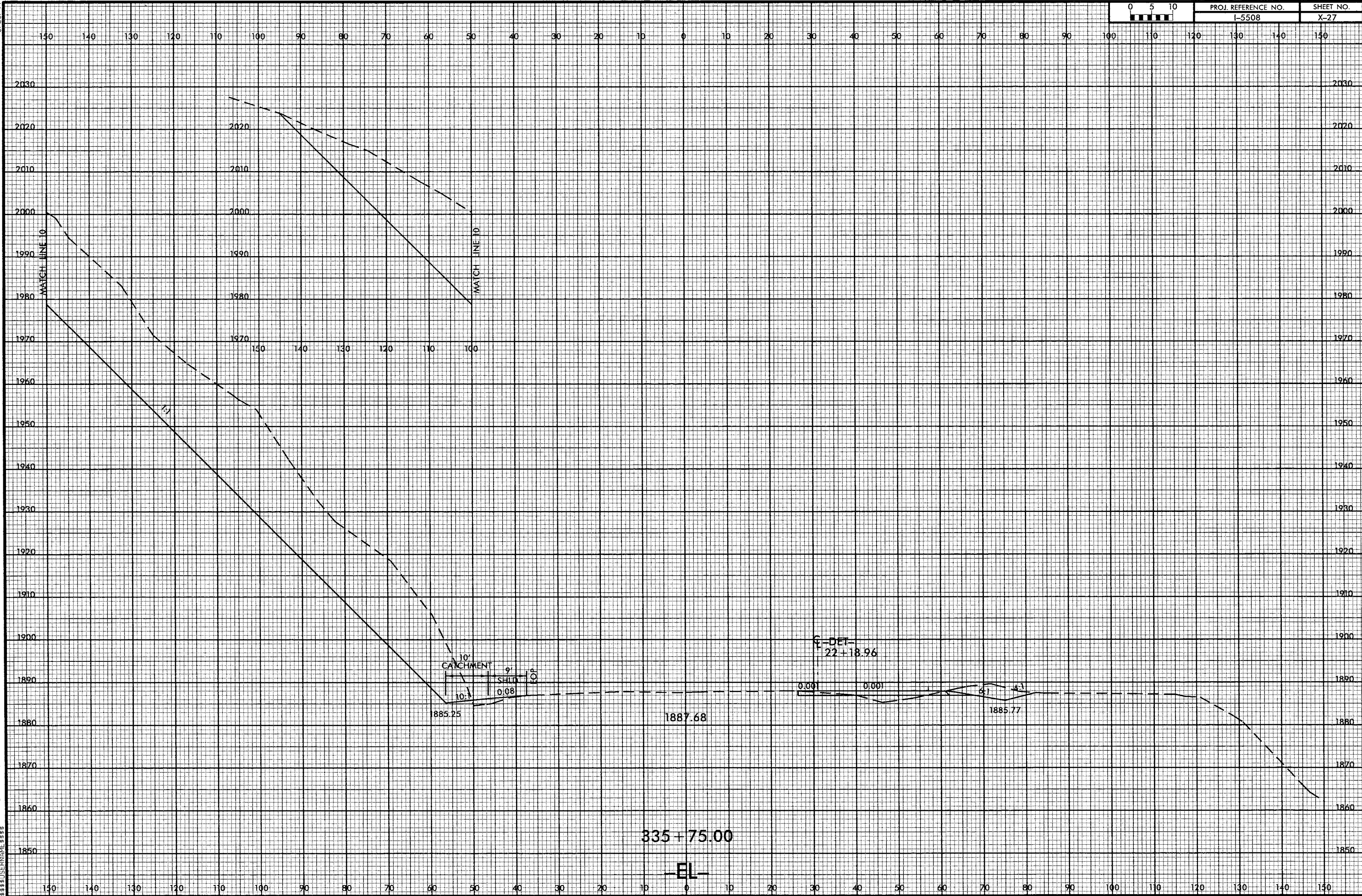


PROJ. REFERENCE NO.	SHEET NO.
I-5508	X-26

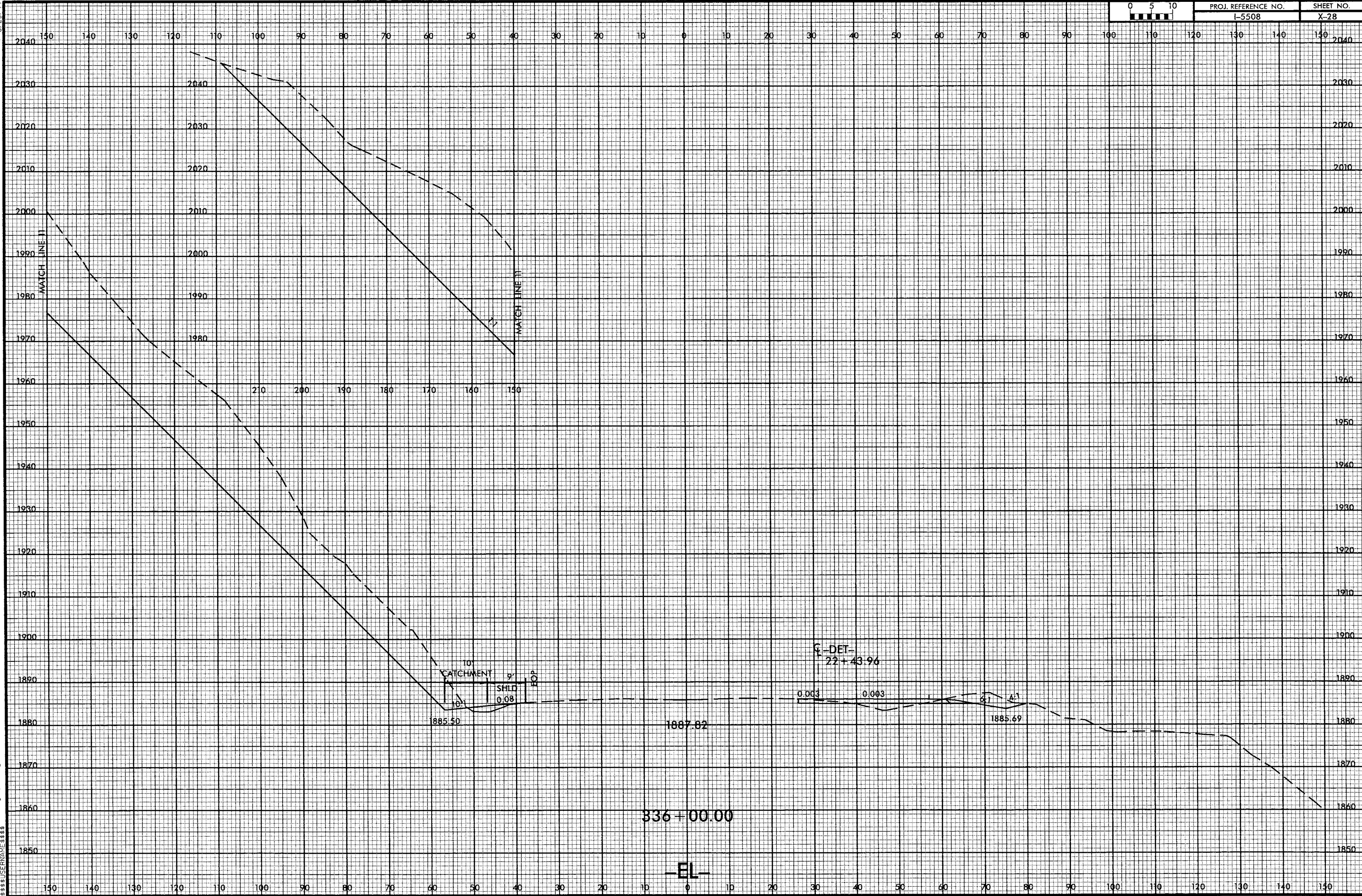


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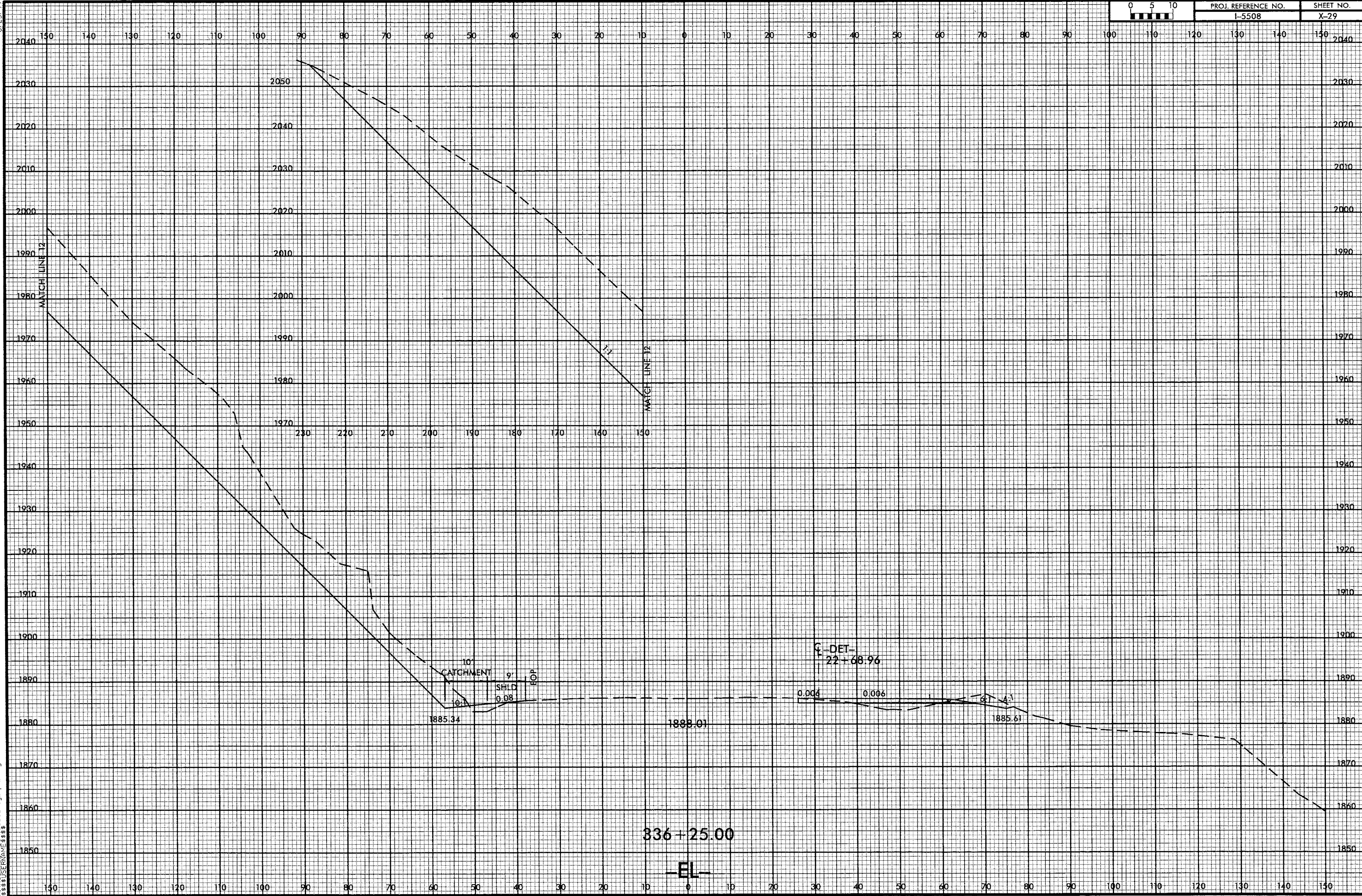
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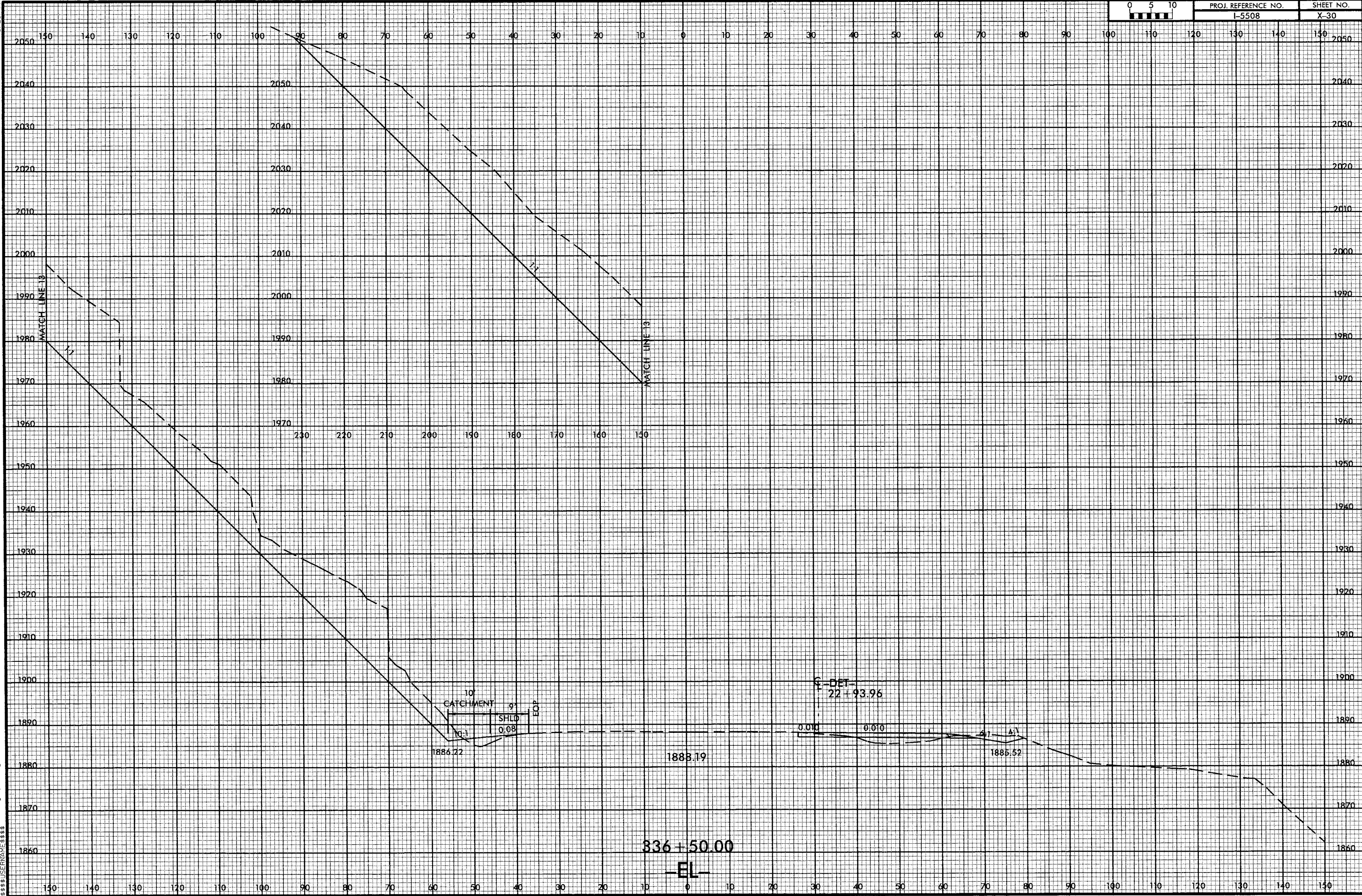
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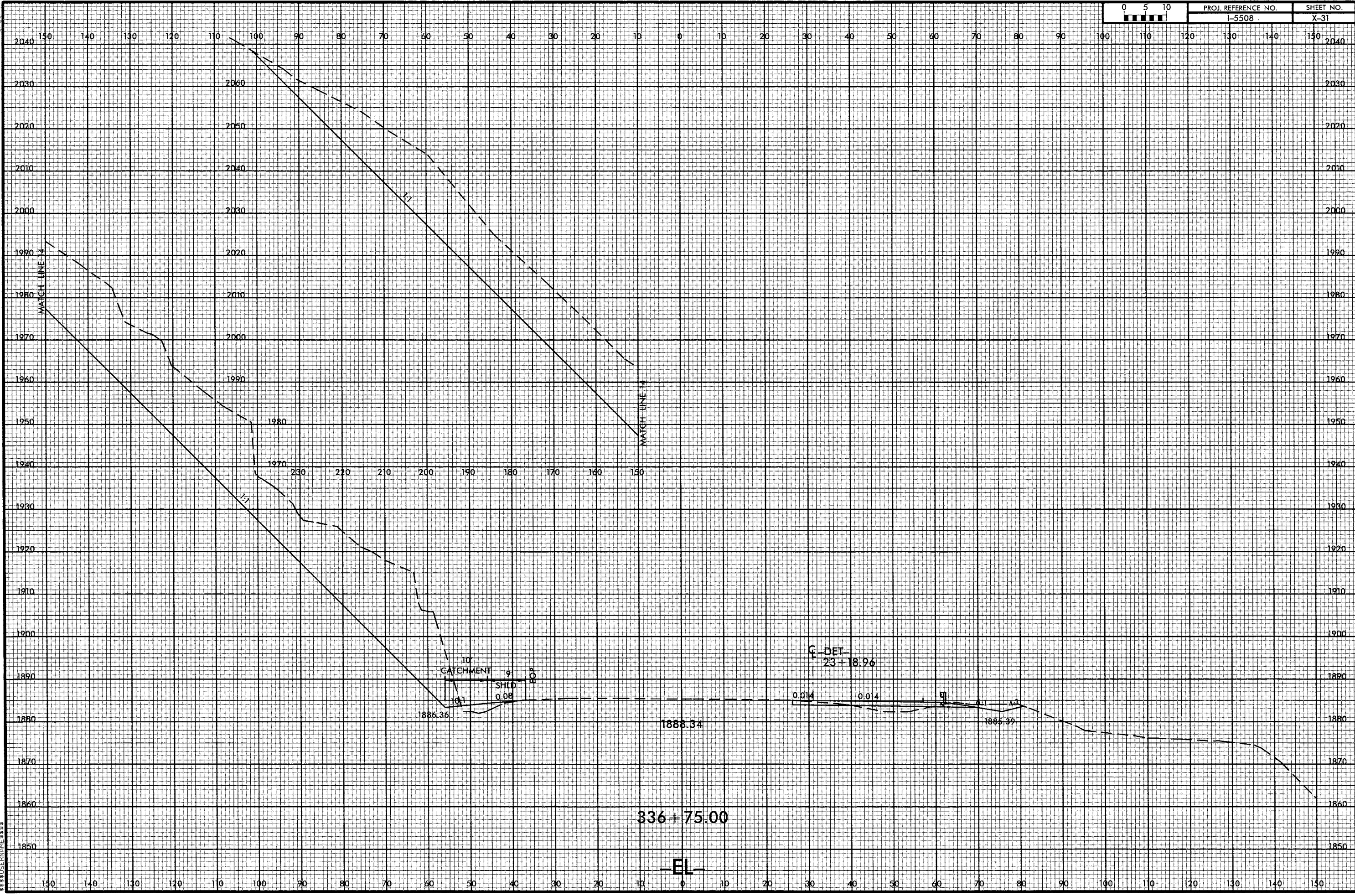


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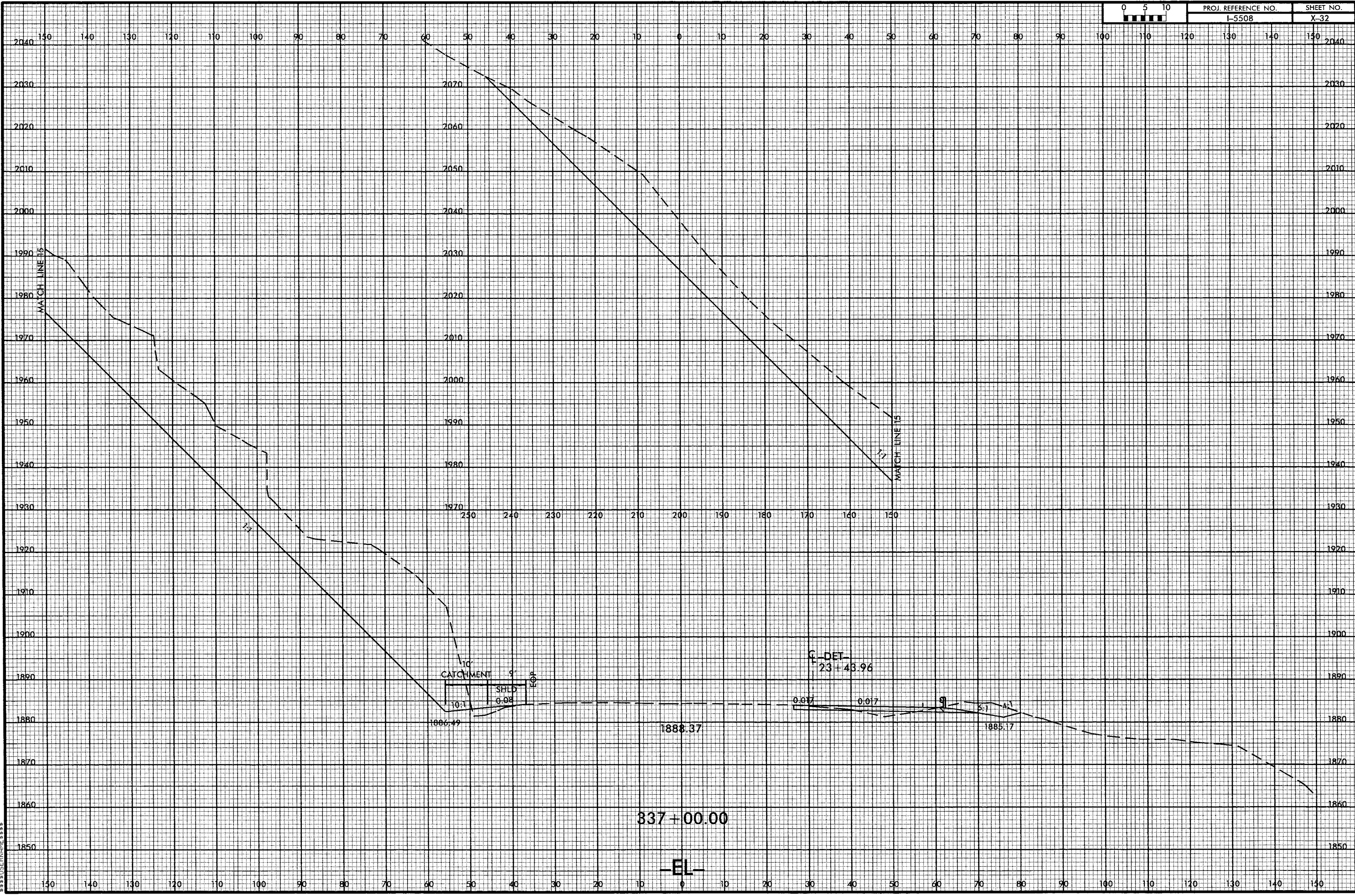
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336 + 75.00

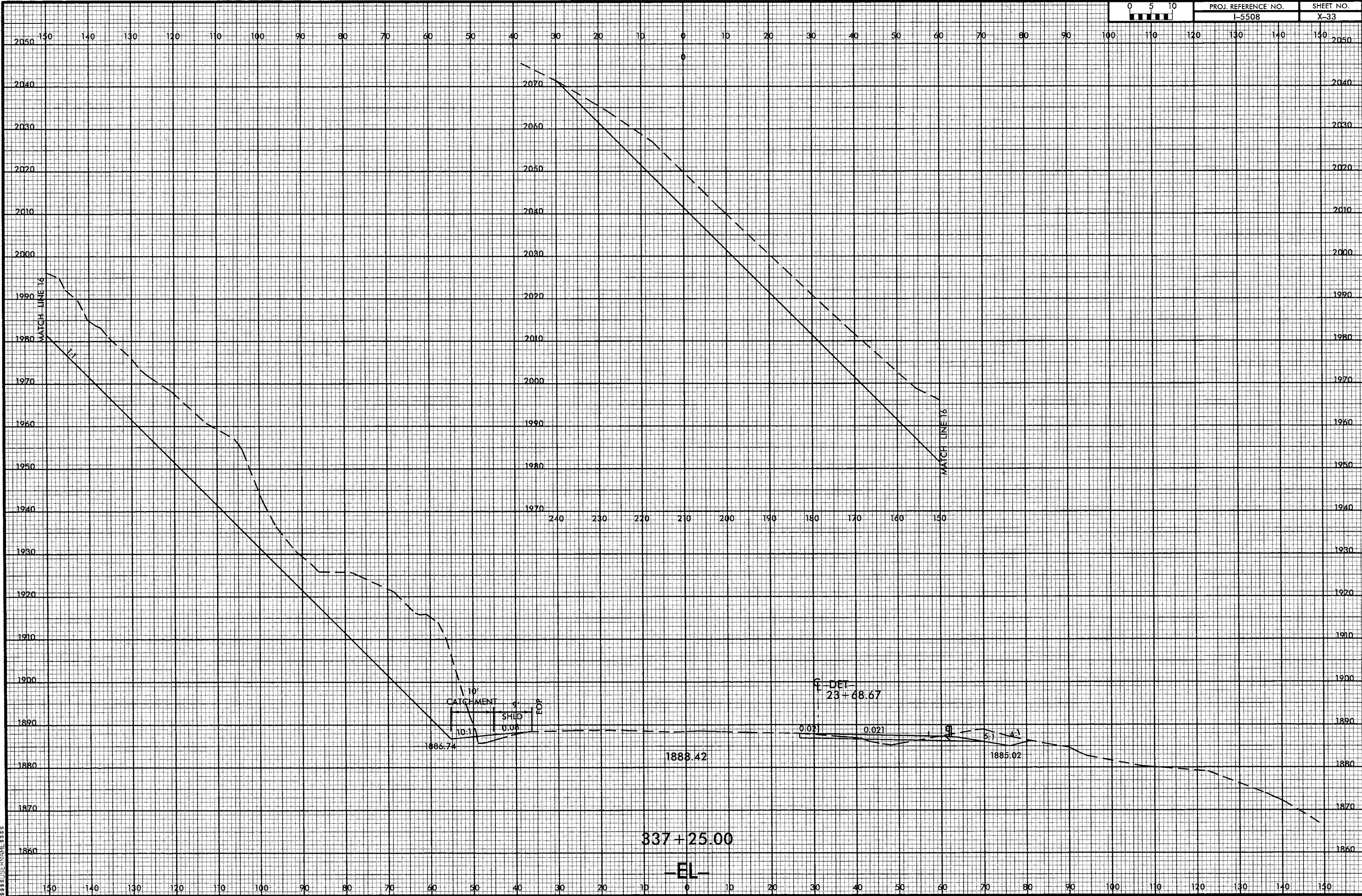
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B/23/99

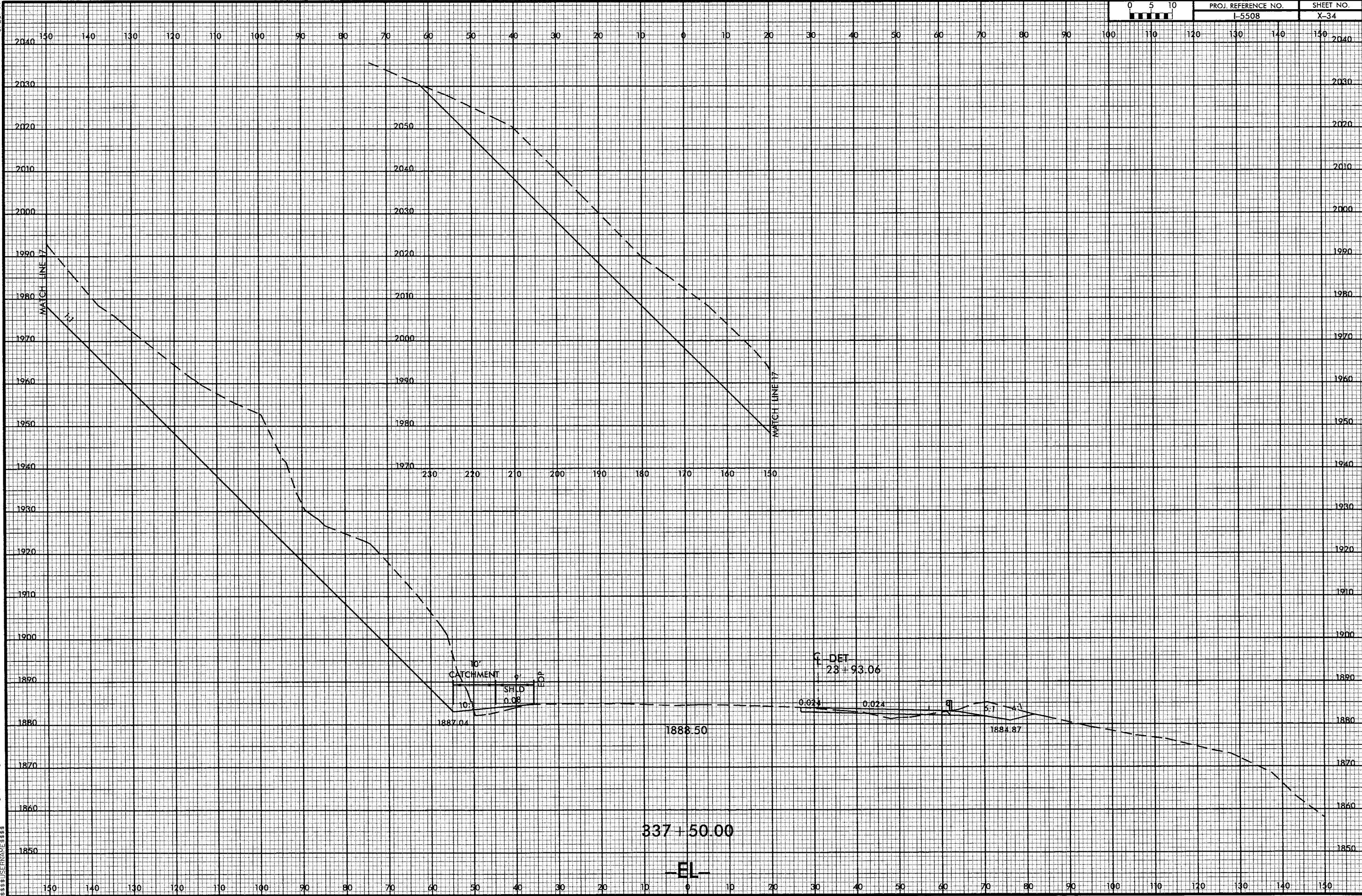


07 JAN 2015 16:51 I5508\_P01.dwg

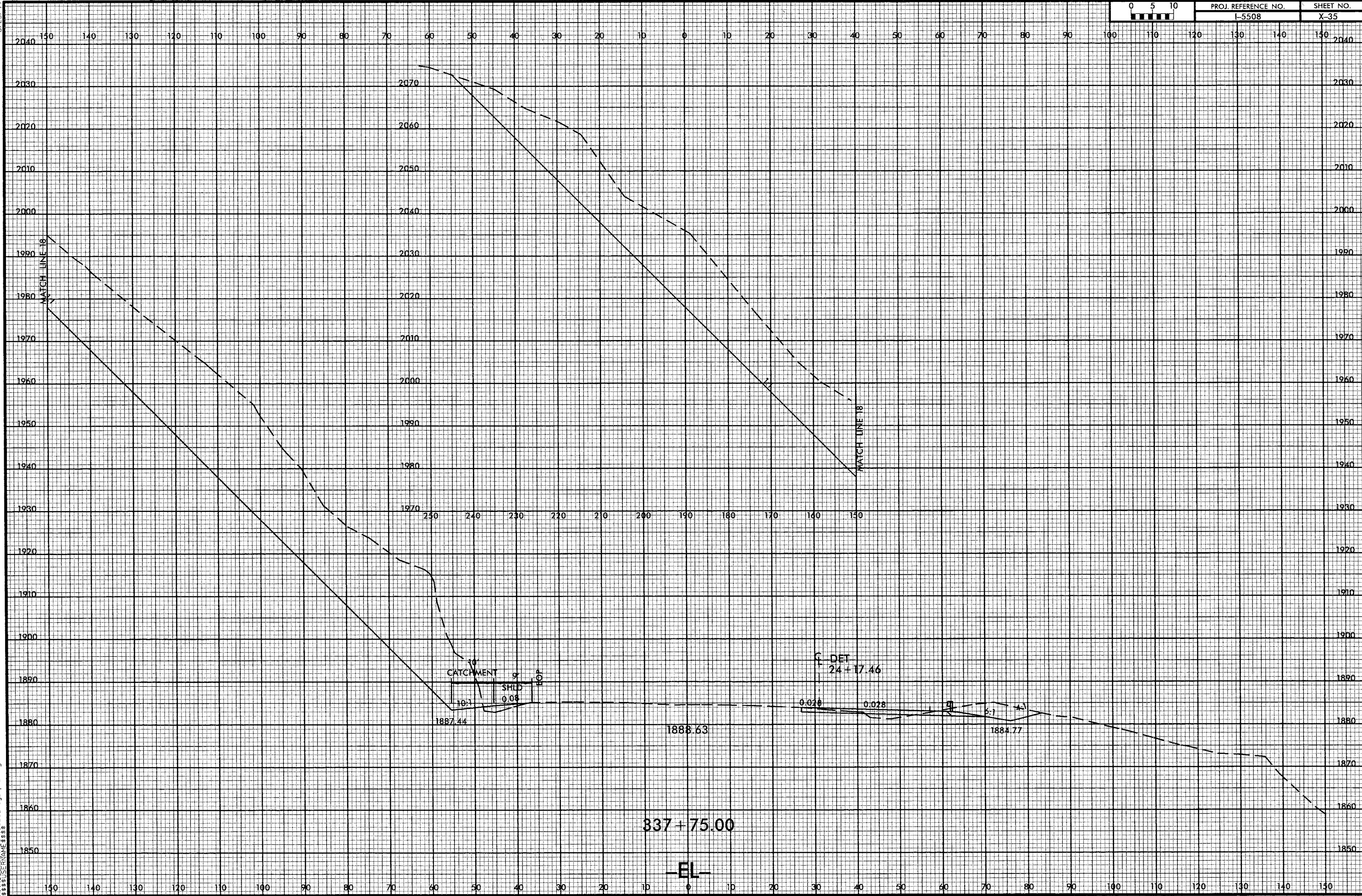
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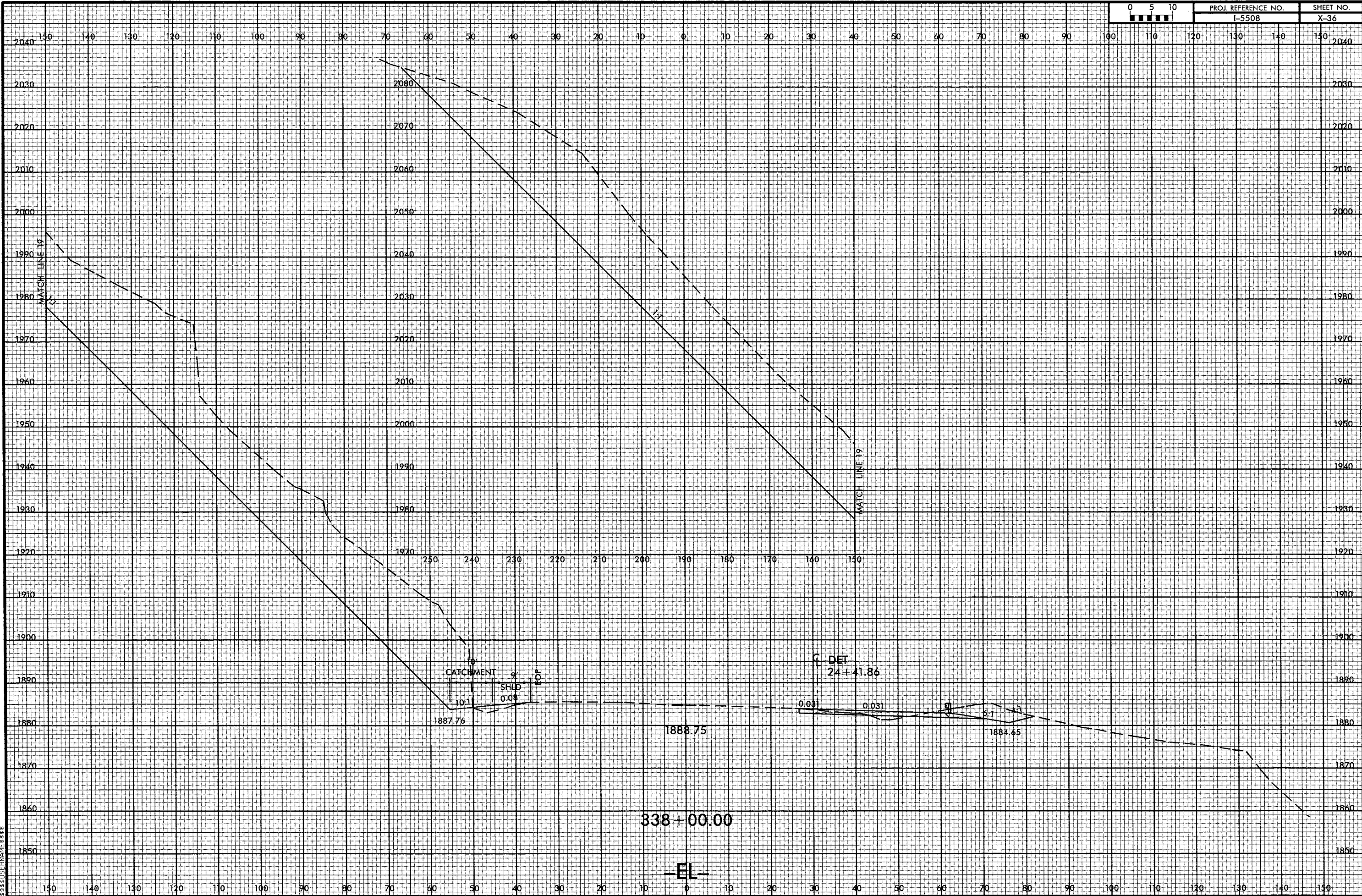
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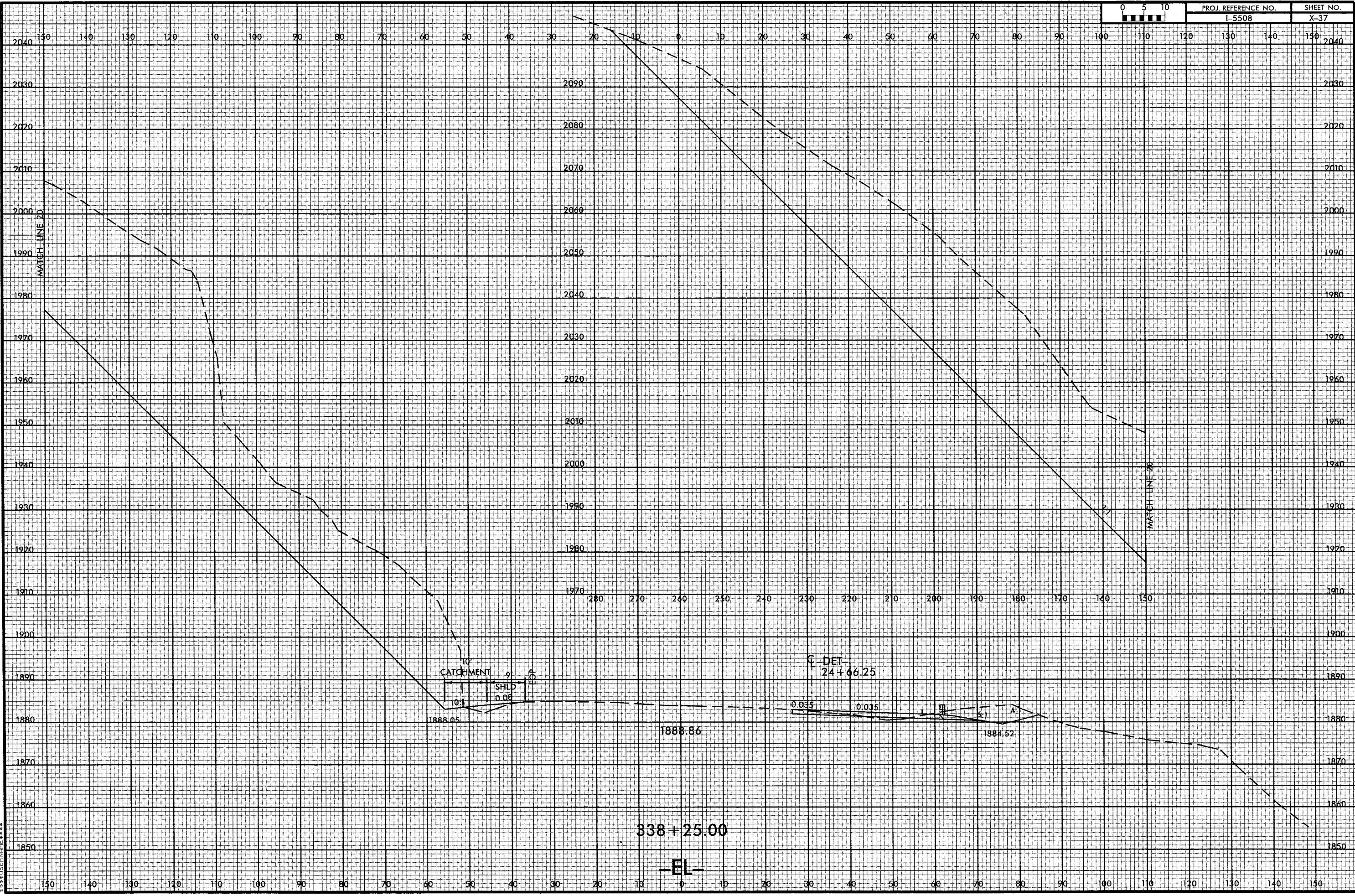
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B/23/95



07 JAN 2005 16:06 I5508.X-37.dgn

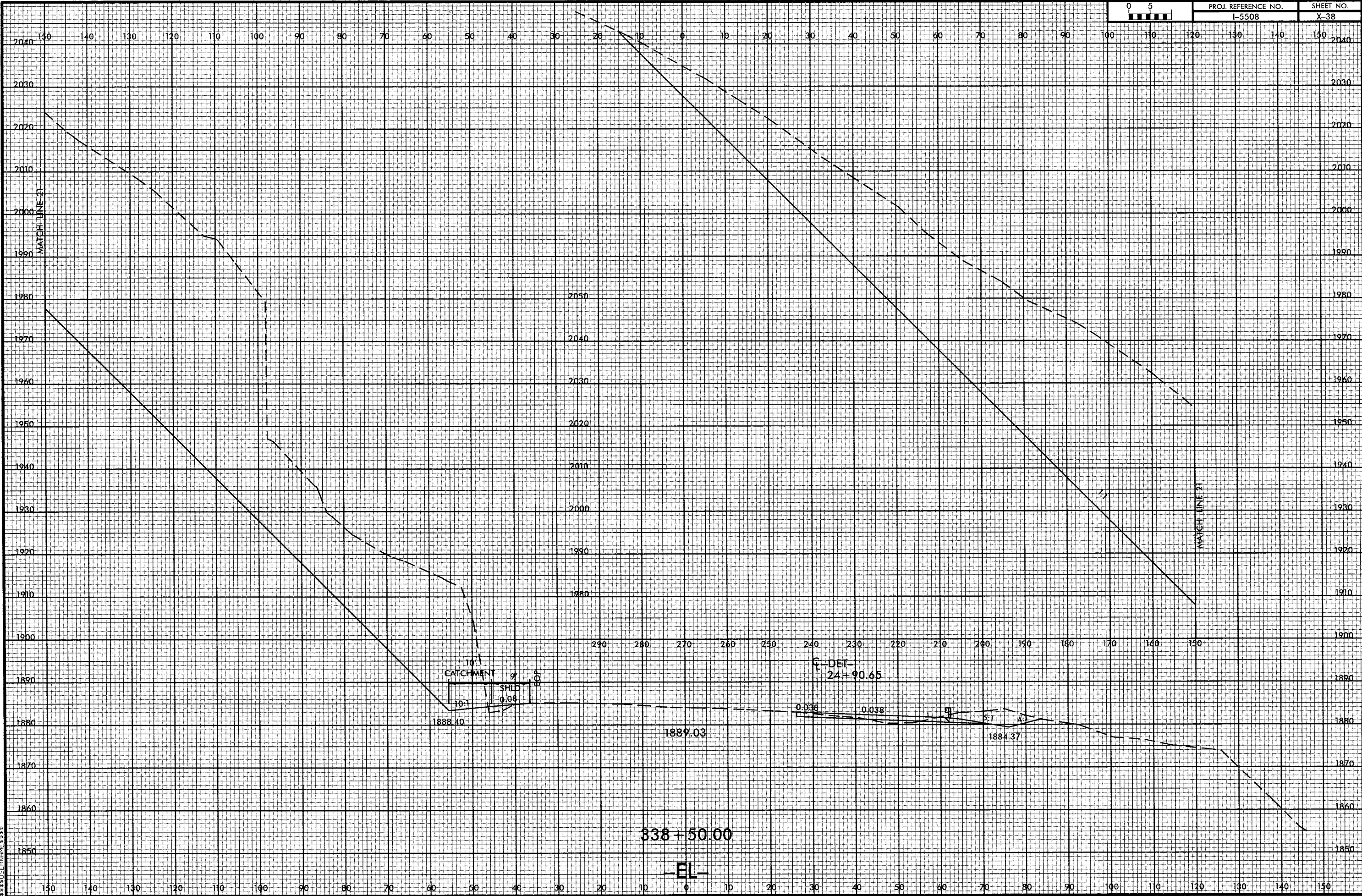
338 ± 25.00

-EL-

B/23/99



PROJ. REFERENCE NO.	SHEET NO.
I-5508	X-38



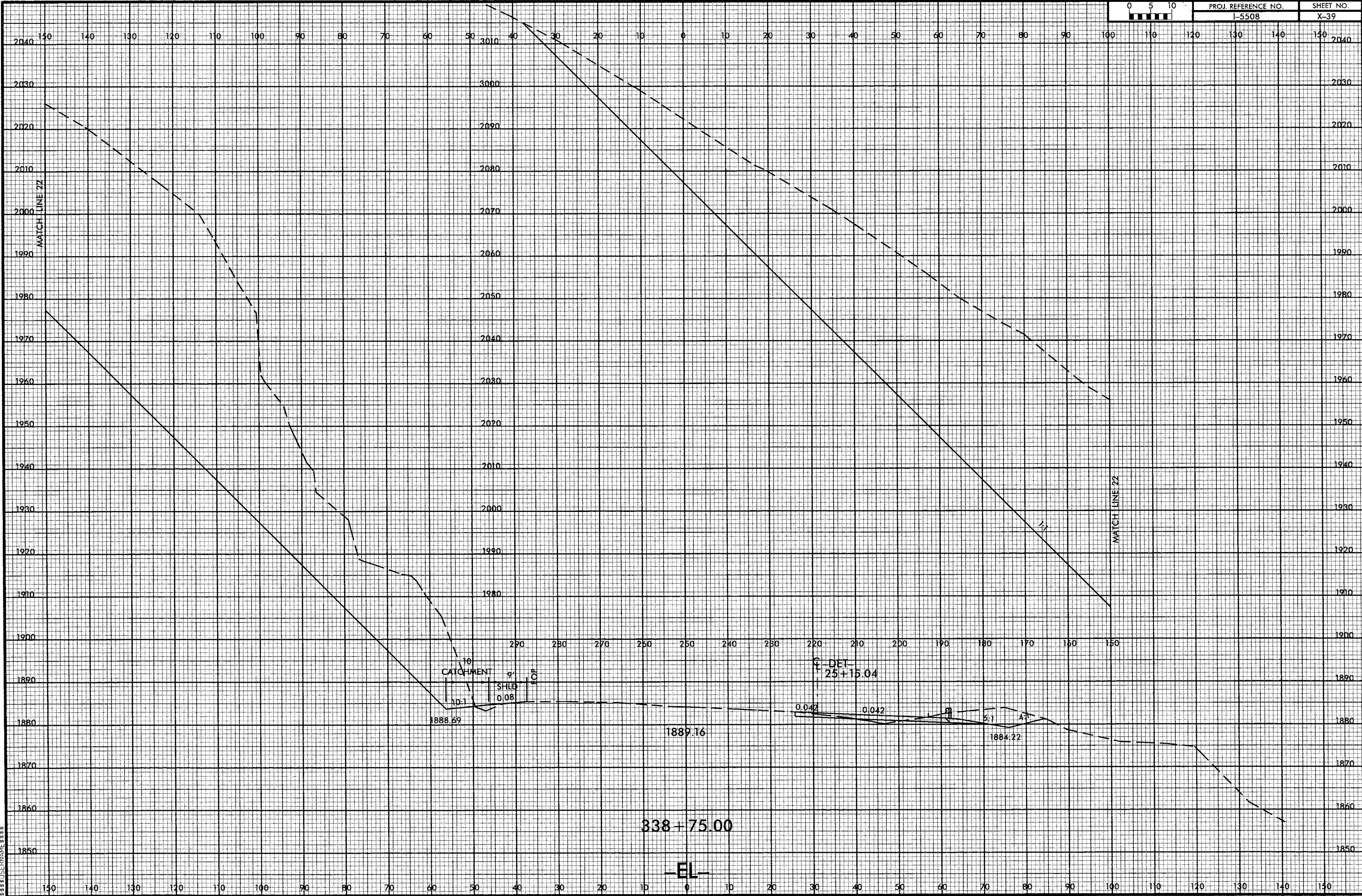
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B/23/99

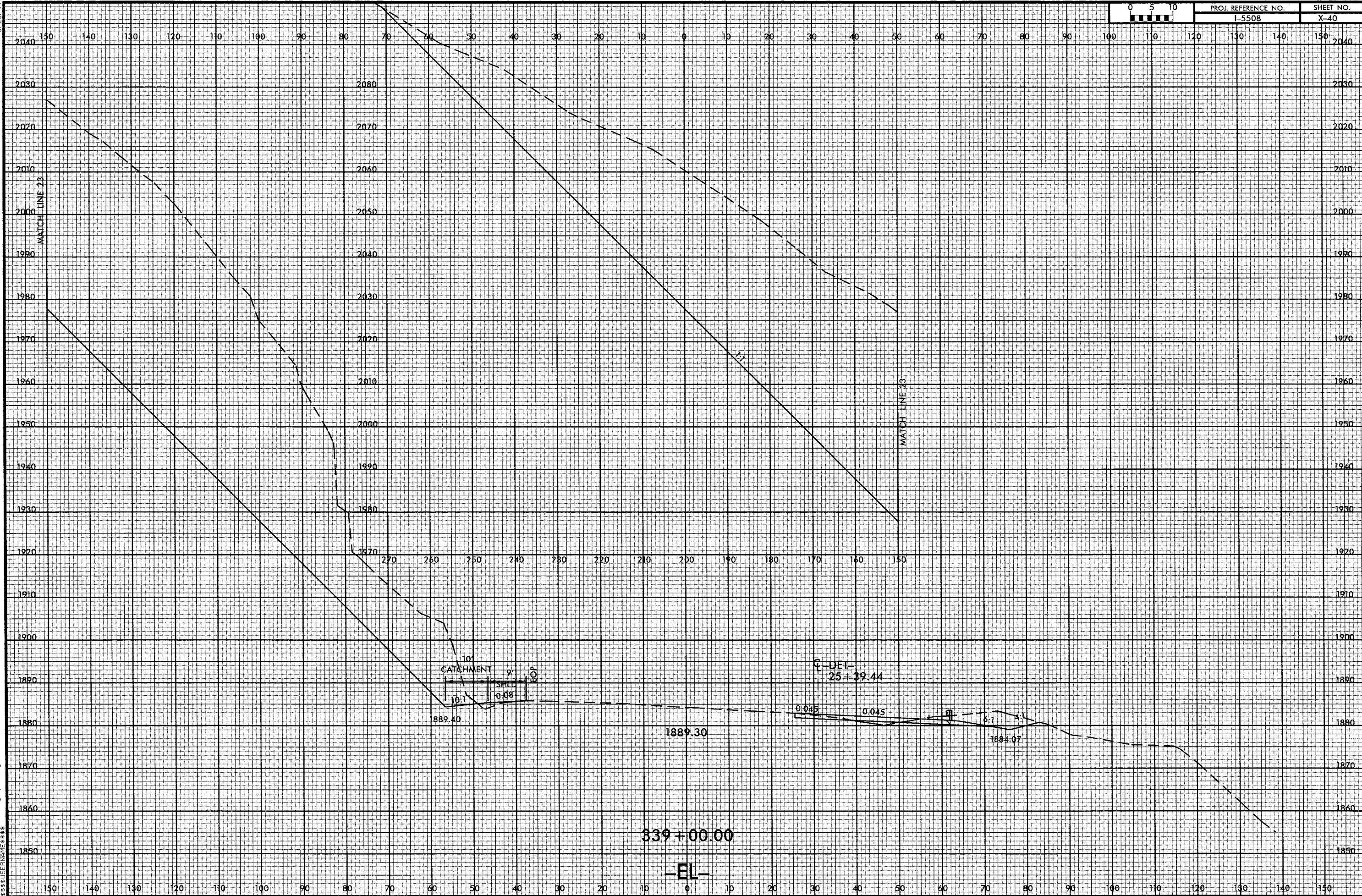


PROJ. REFERENCE NO.	SHEET NO.
I-5508	X-39



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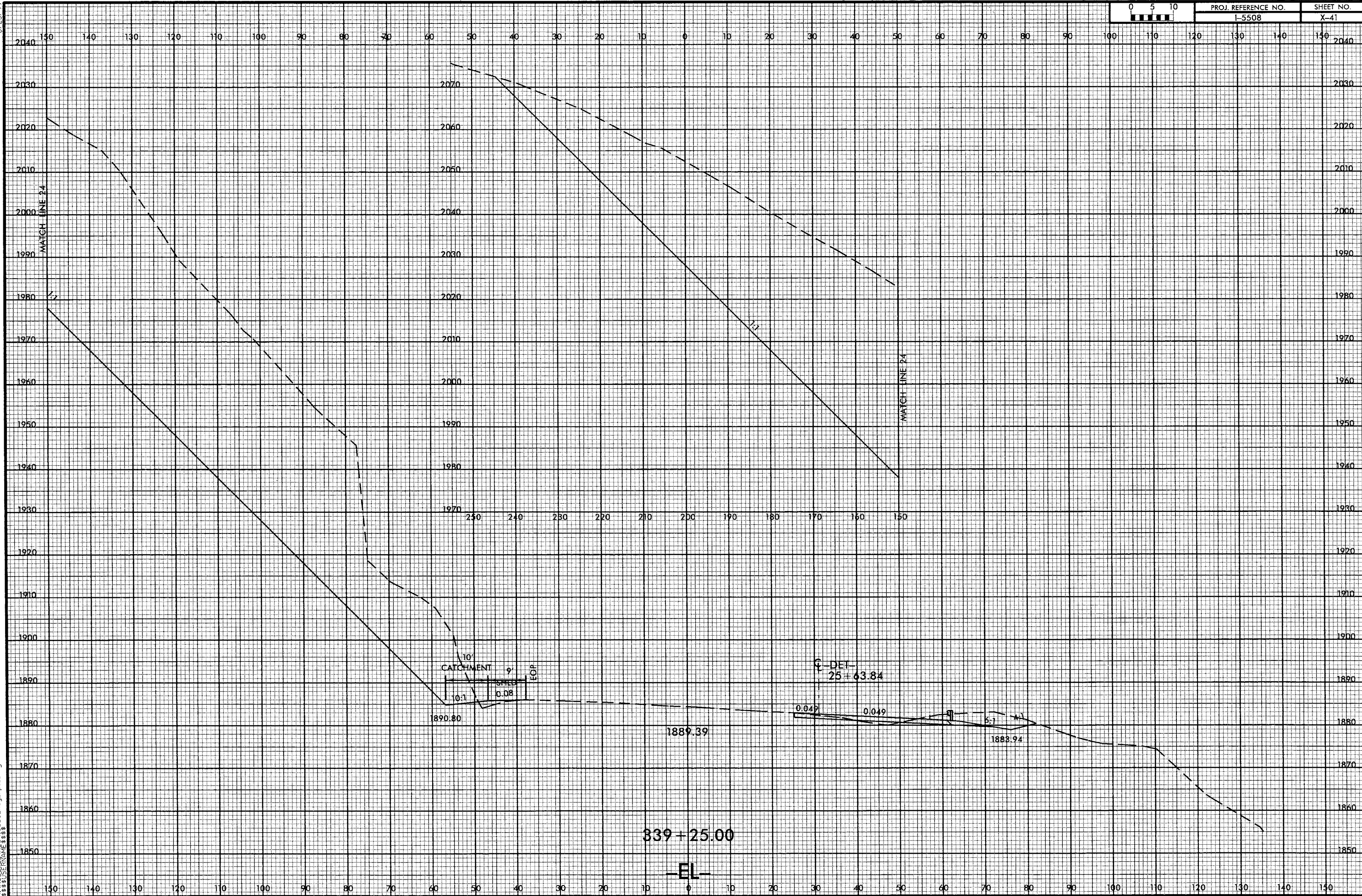


339+00.00

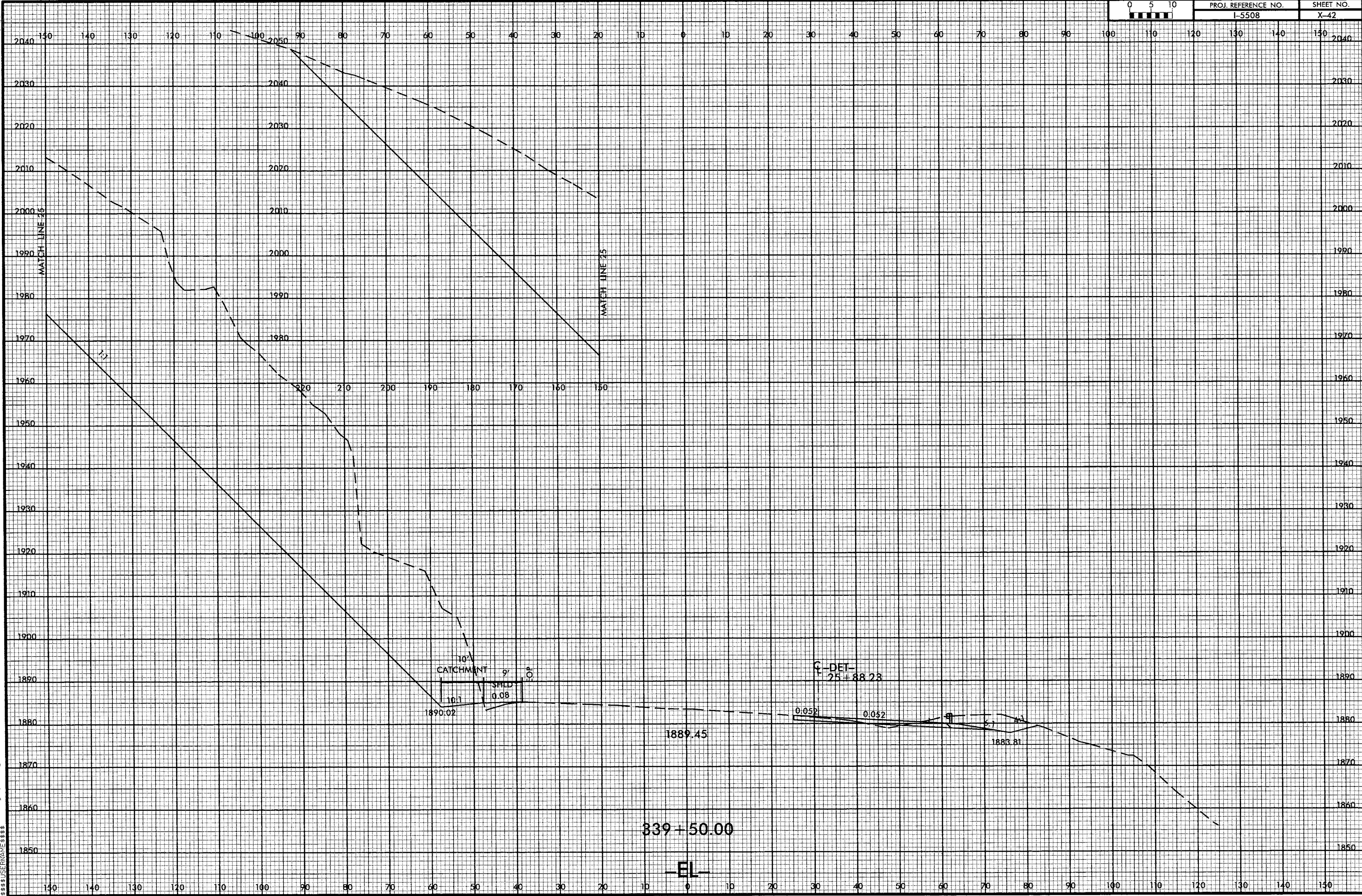
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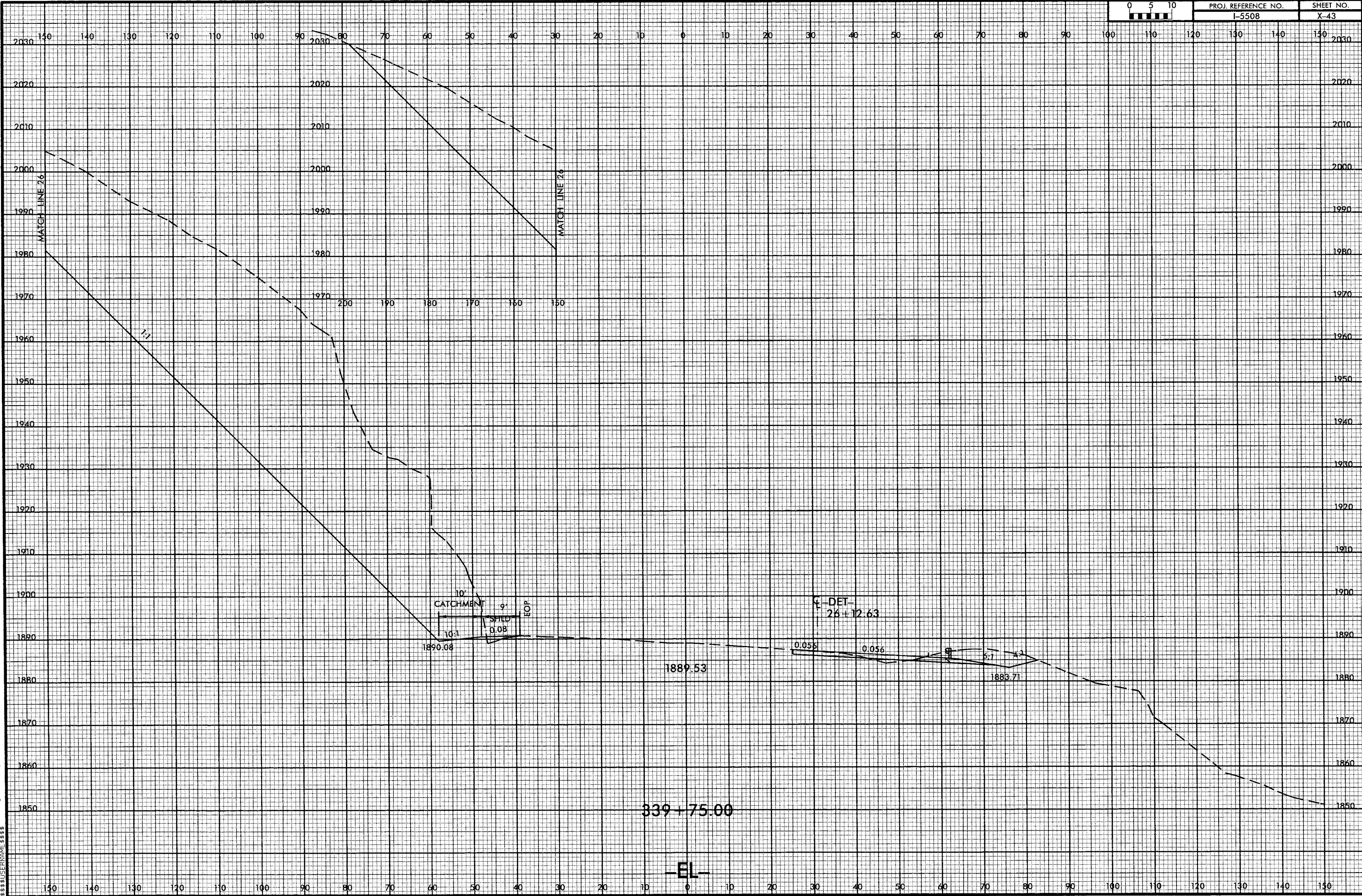
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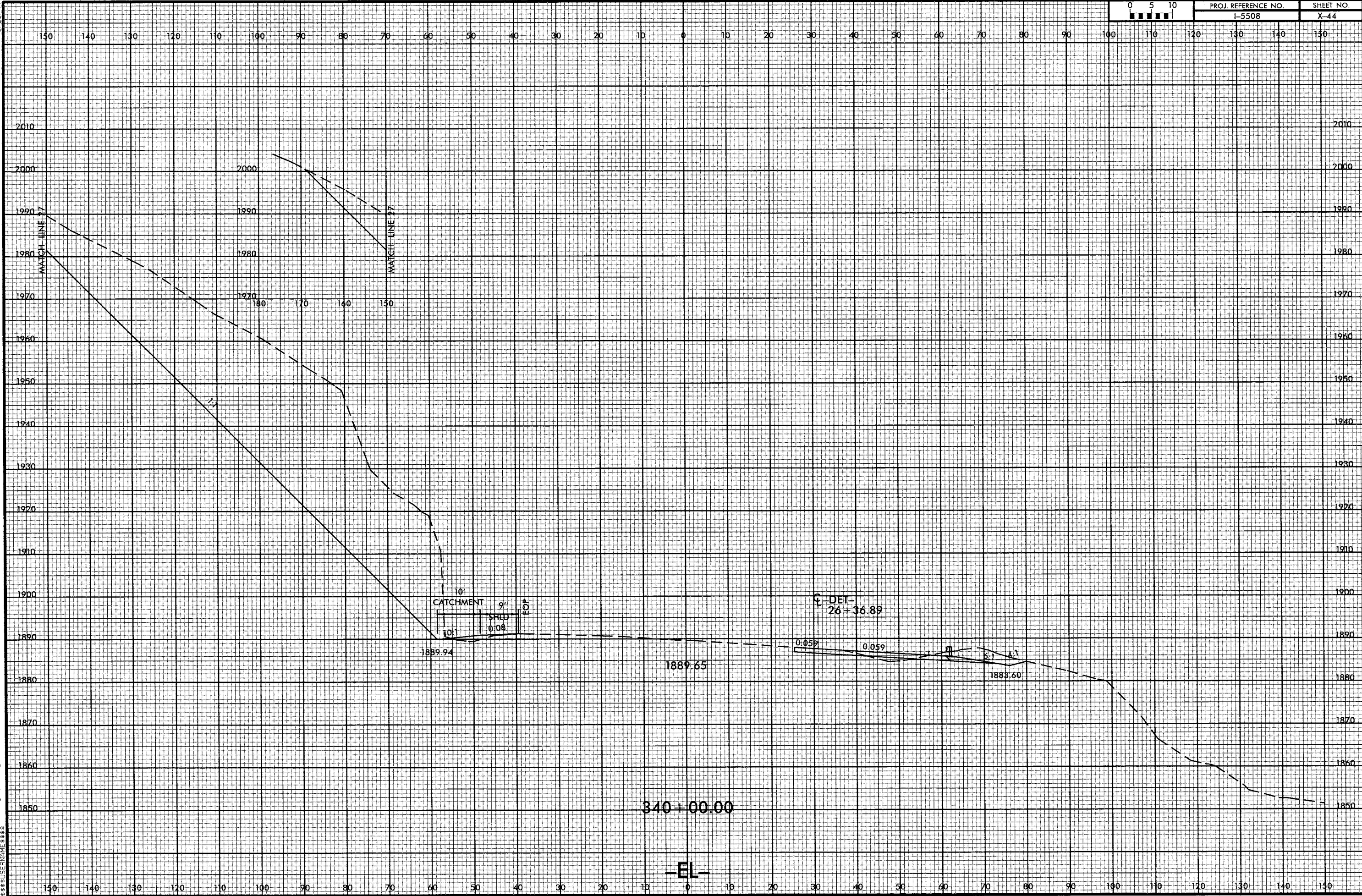


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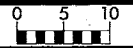


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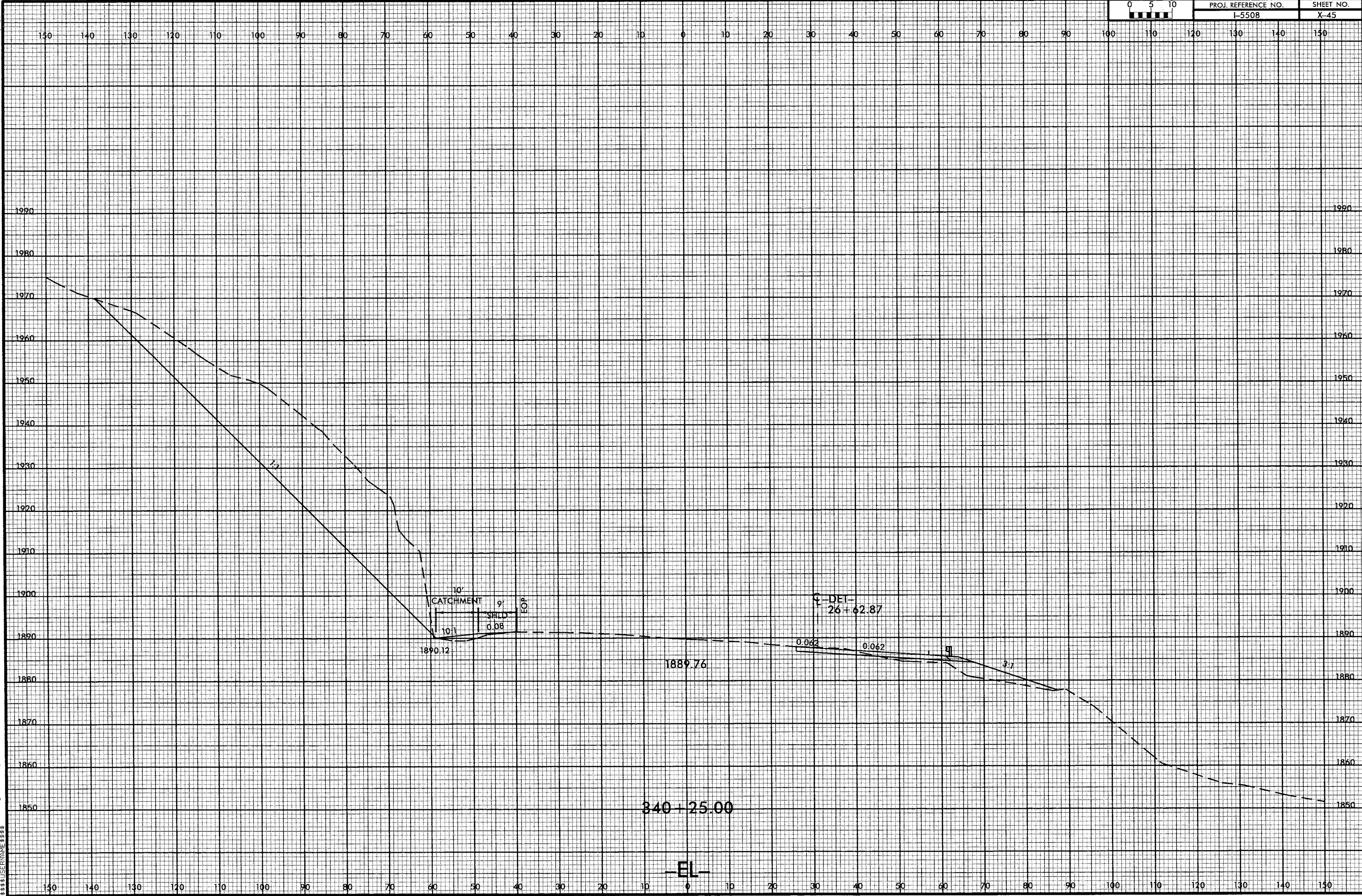
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B.23/99



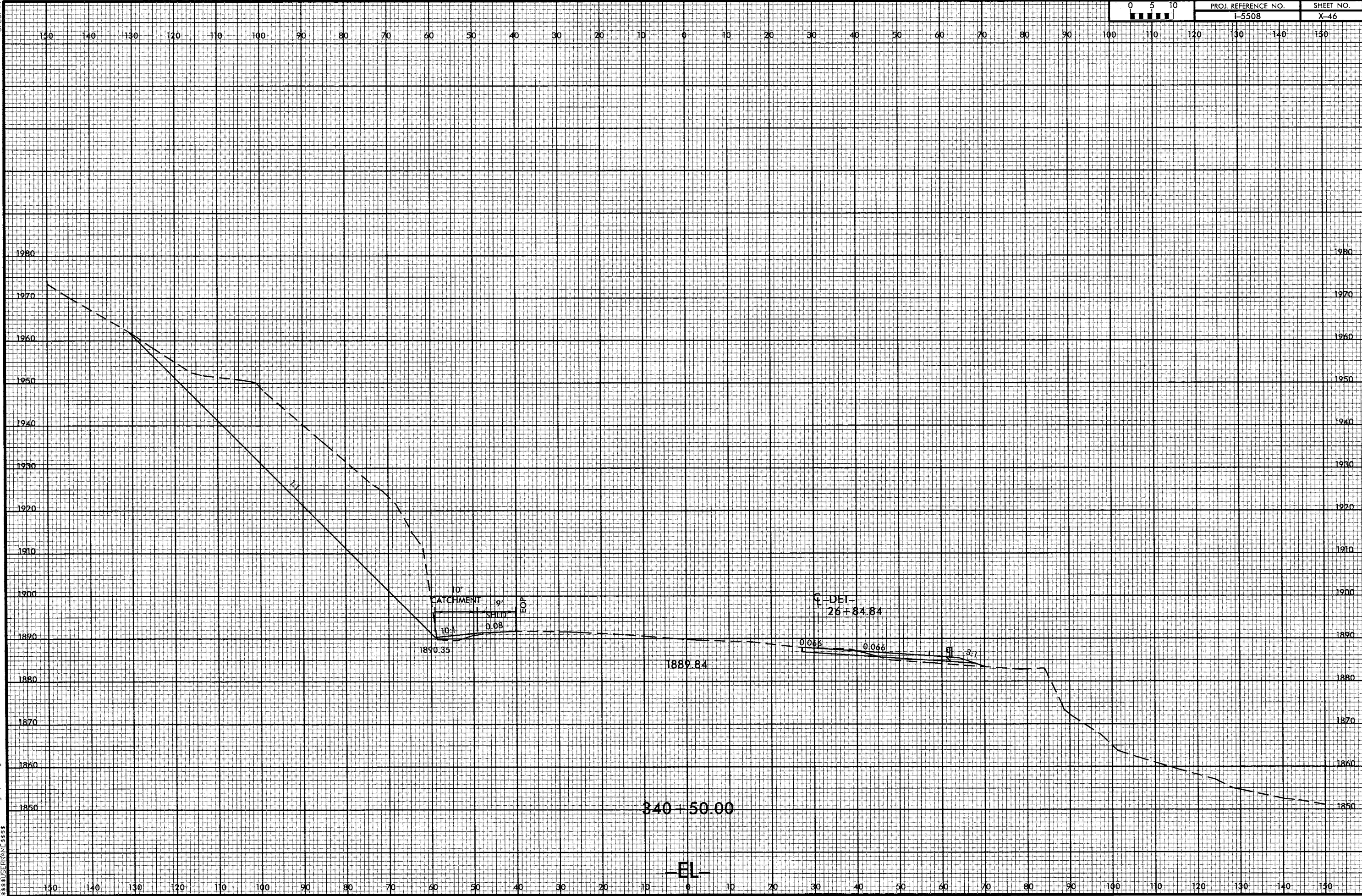
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I-5508	X-45



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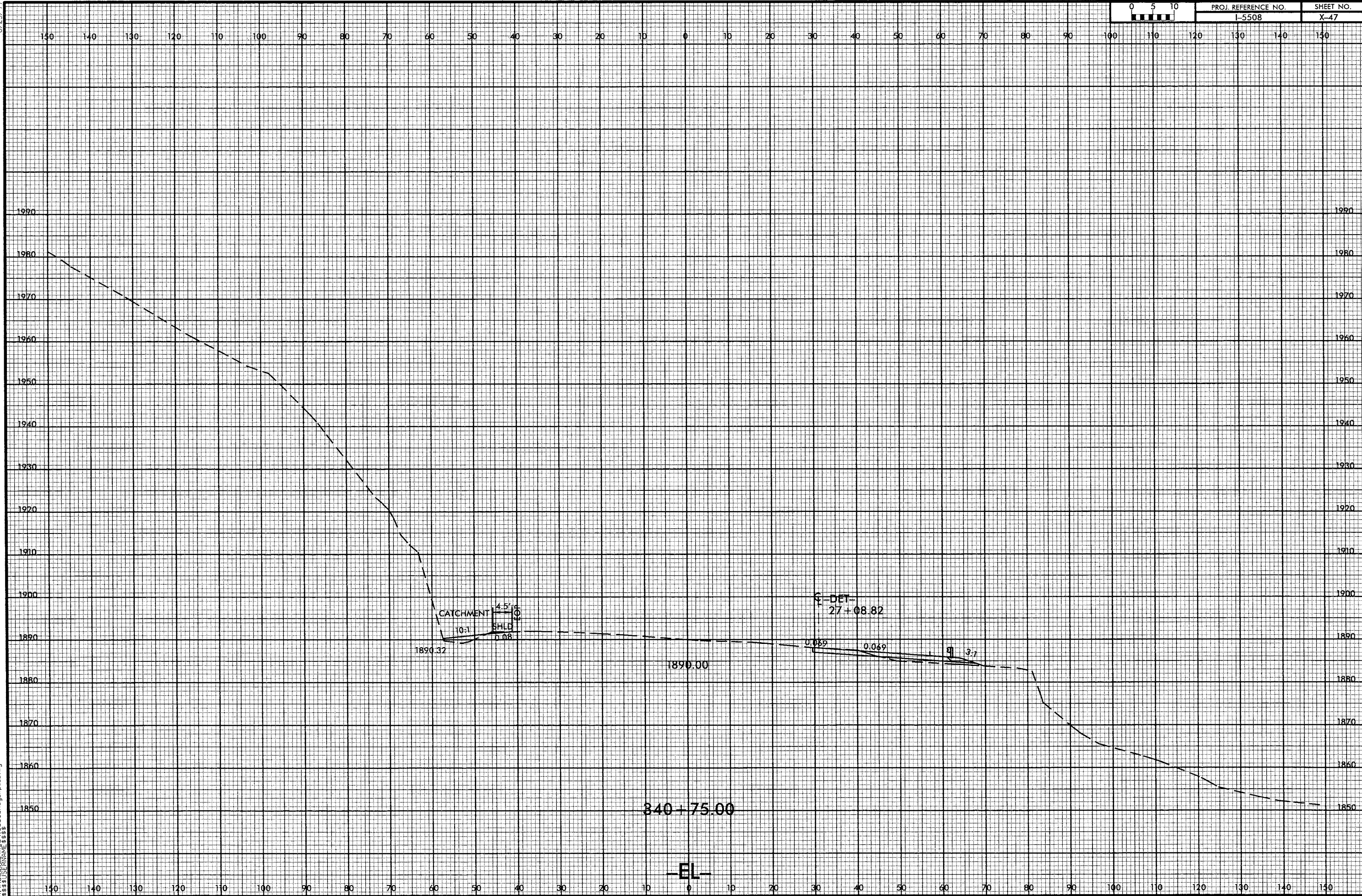


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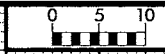


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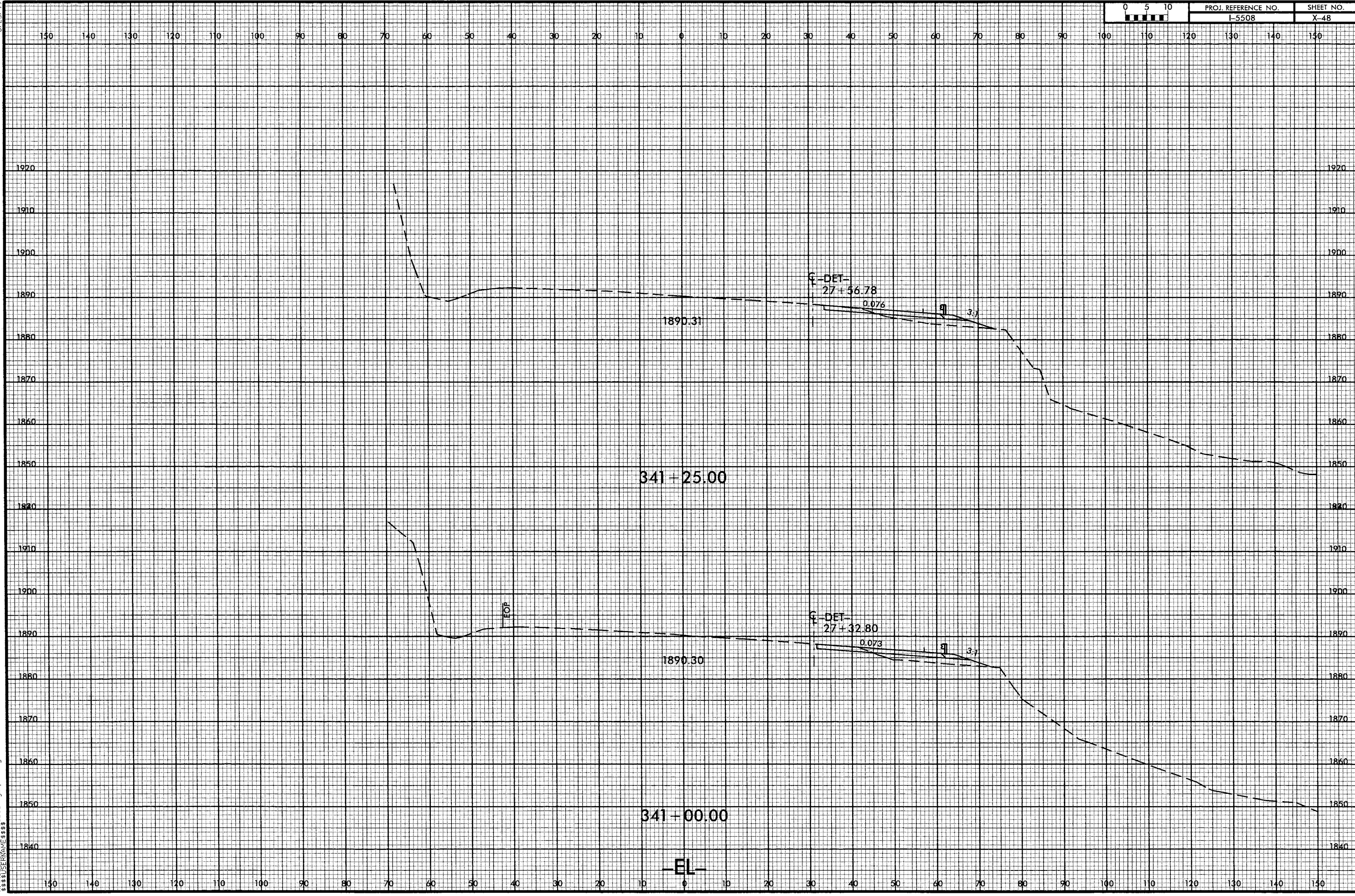
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8/23/99



PROJ. REFERENCE NO.	SHEET NO.
I-5508	X-48



07-JAN-2015 16:19  
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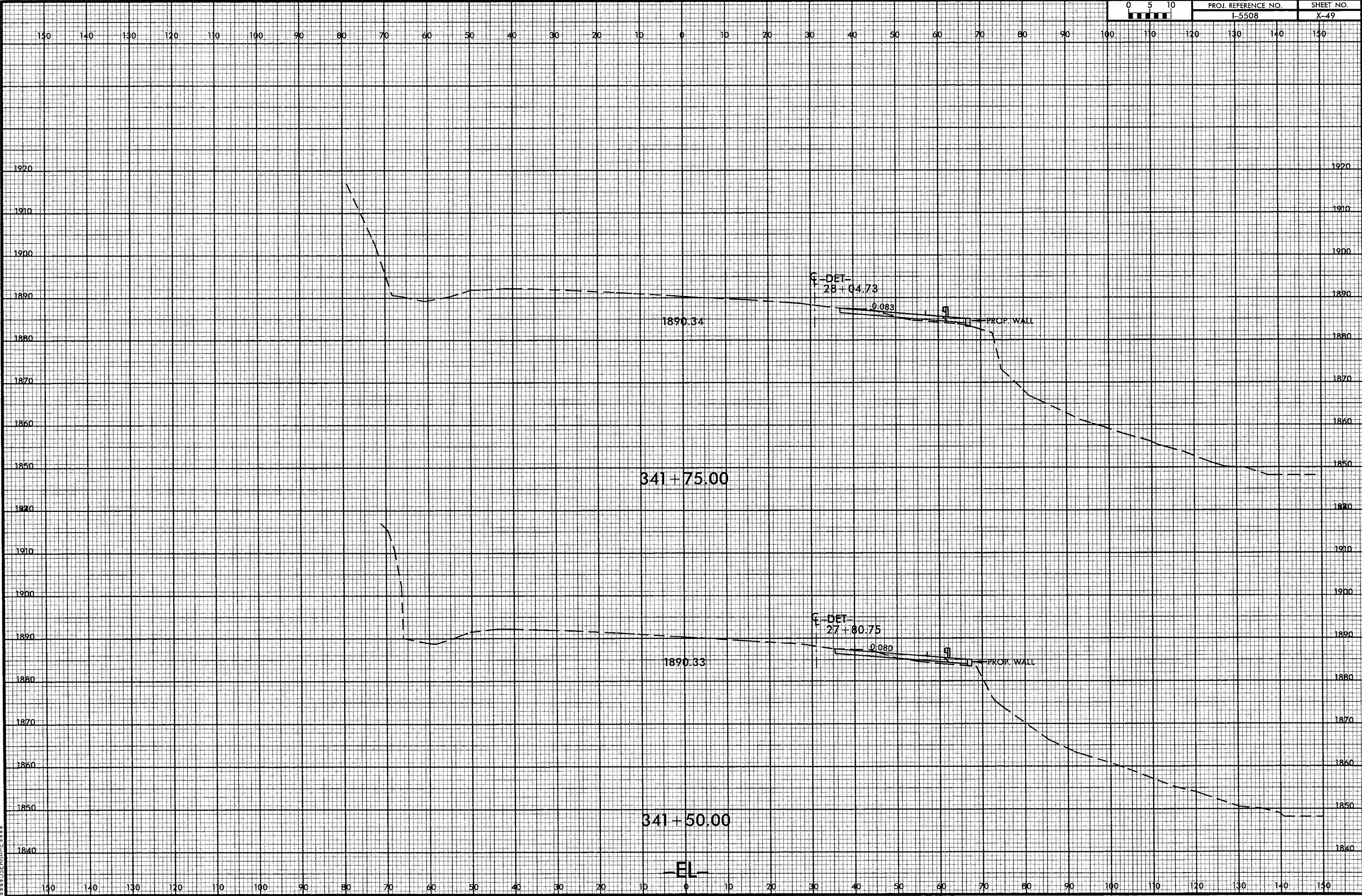
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9/23/99



PROJ. REFERENCE NO.  
I-5508

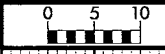
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X-49



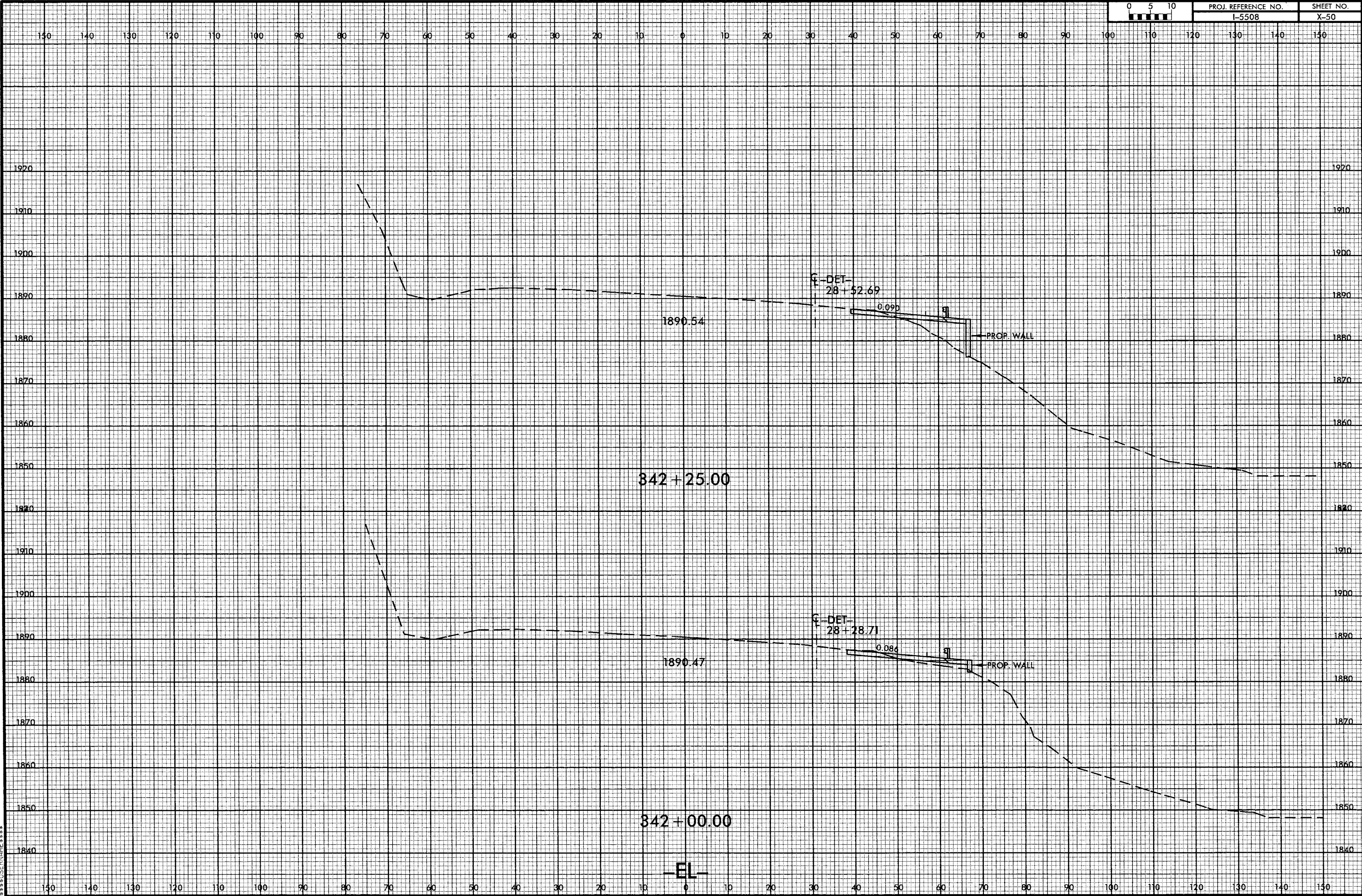
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8/23/99



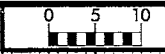
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I-5508	X-50



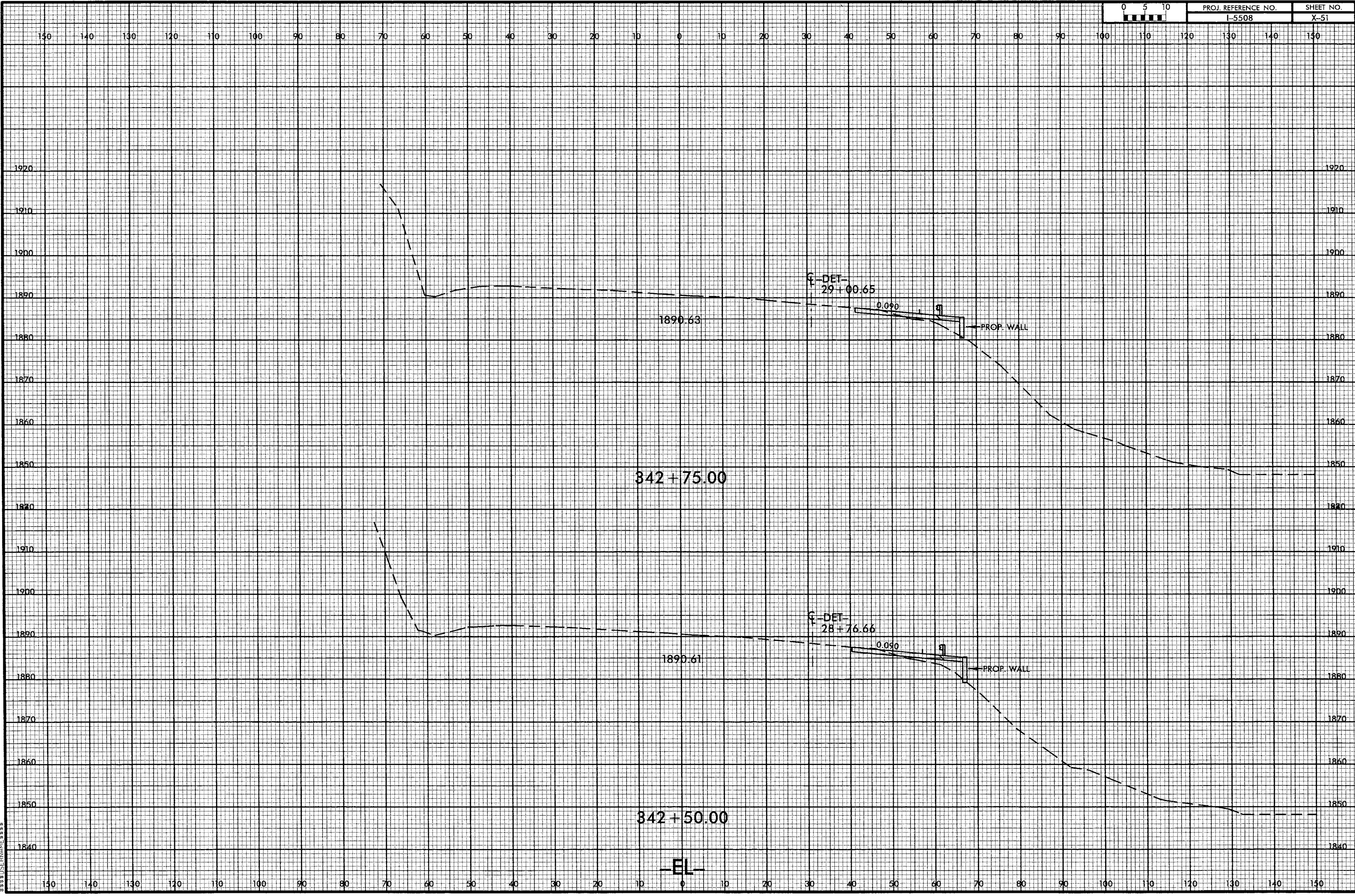
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B/25/99



PROJ. REFERENCE NO.	SHEET NO.
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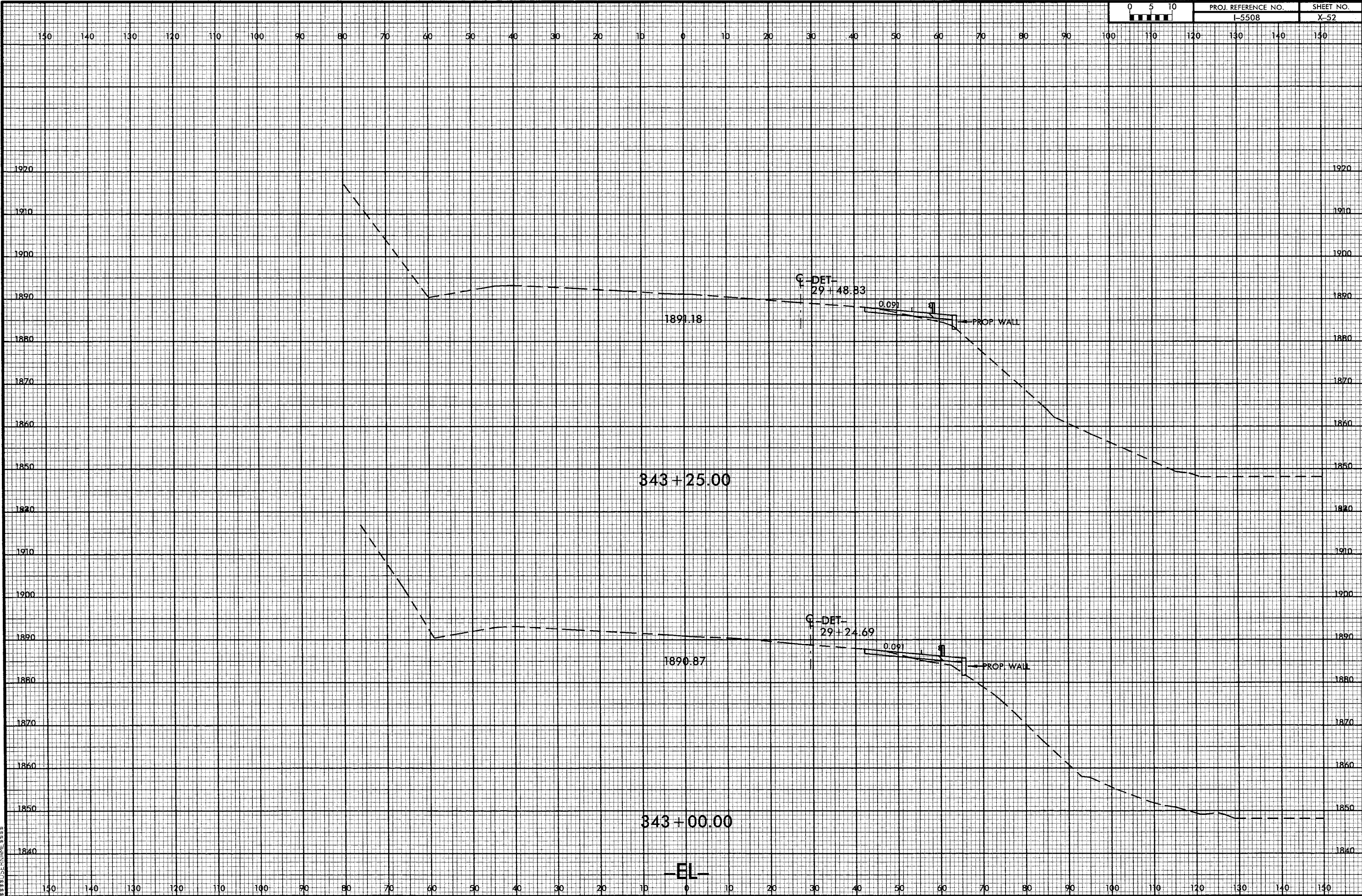


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8/23/99  
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0 5 10	PROJ. REFERENCE NO.	SHEET NO.
	I-5508	X-52



1891.18

343 + 25.00

Q-DET-  
29 + 48.83

0.09%

PROP. WALL

1890.87

343 + 00.00

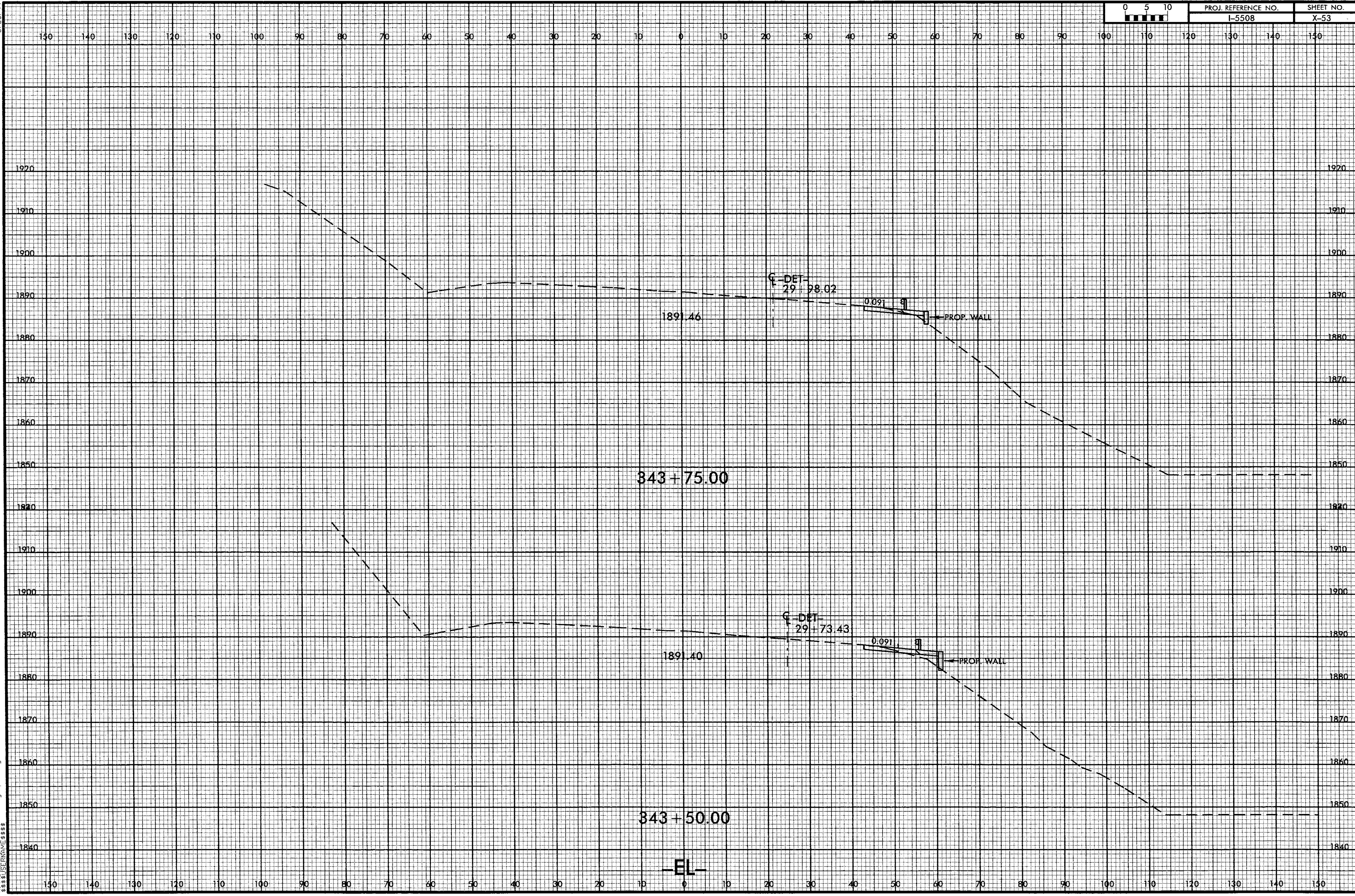
Q-DET-  
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0.09%

PROP. WALL

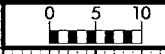
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8/23/99  
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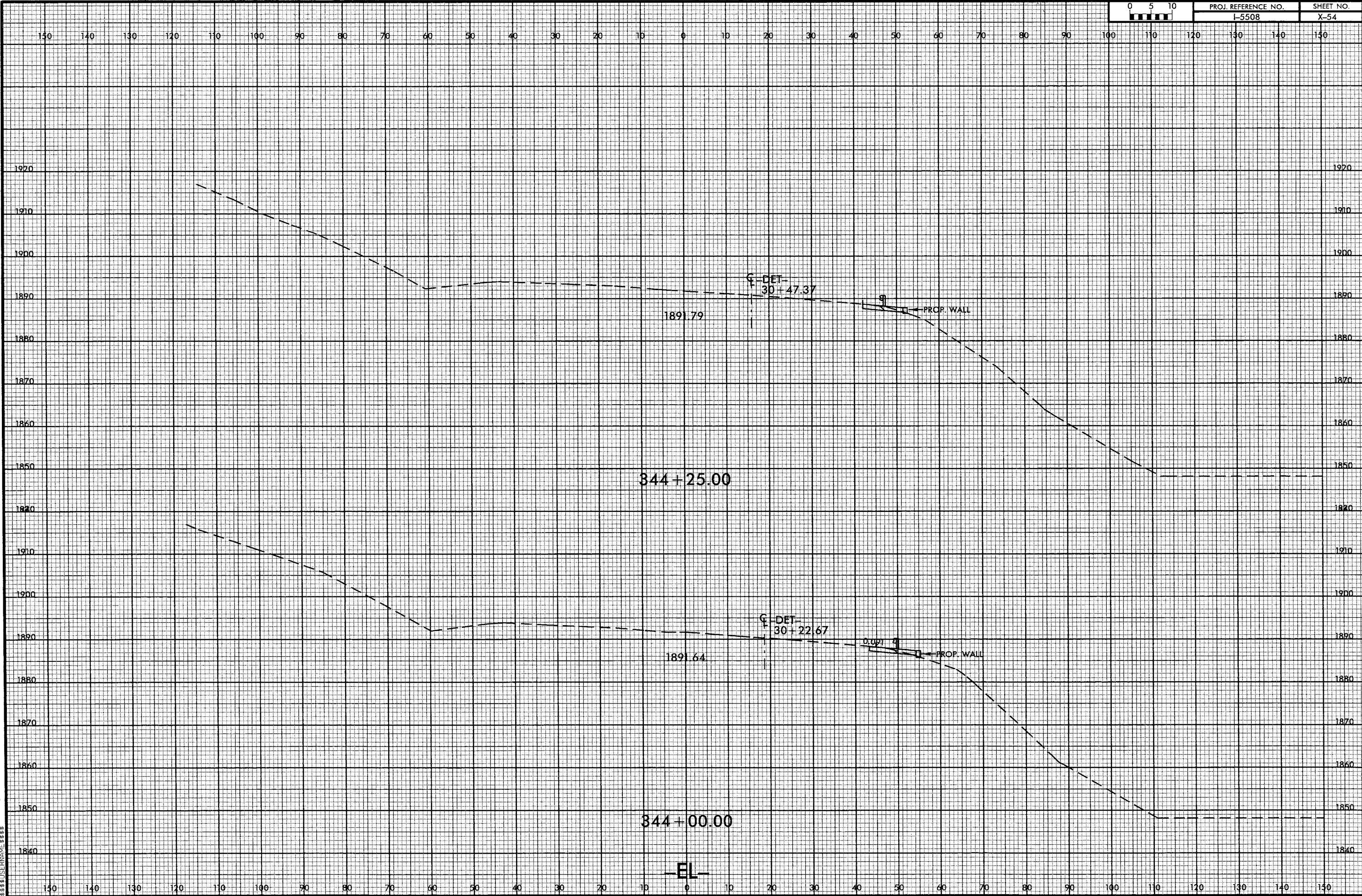


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B:23/89



PROJ. REFERENCE NO.	SHEET NO.
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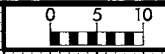


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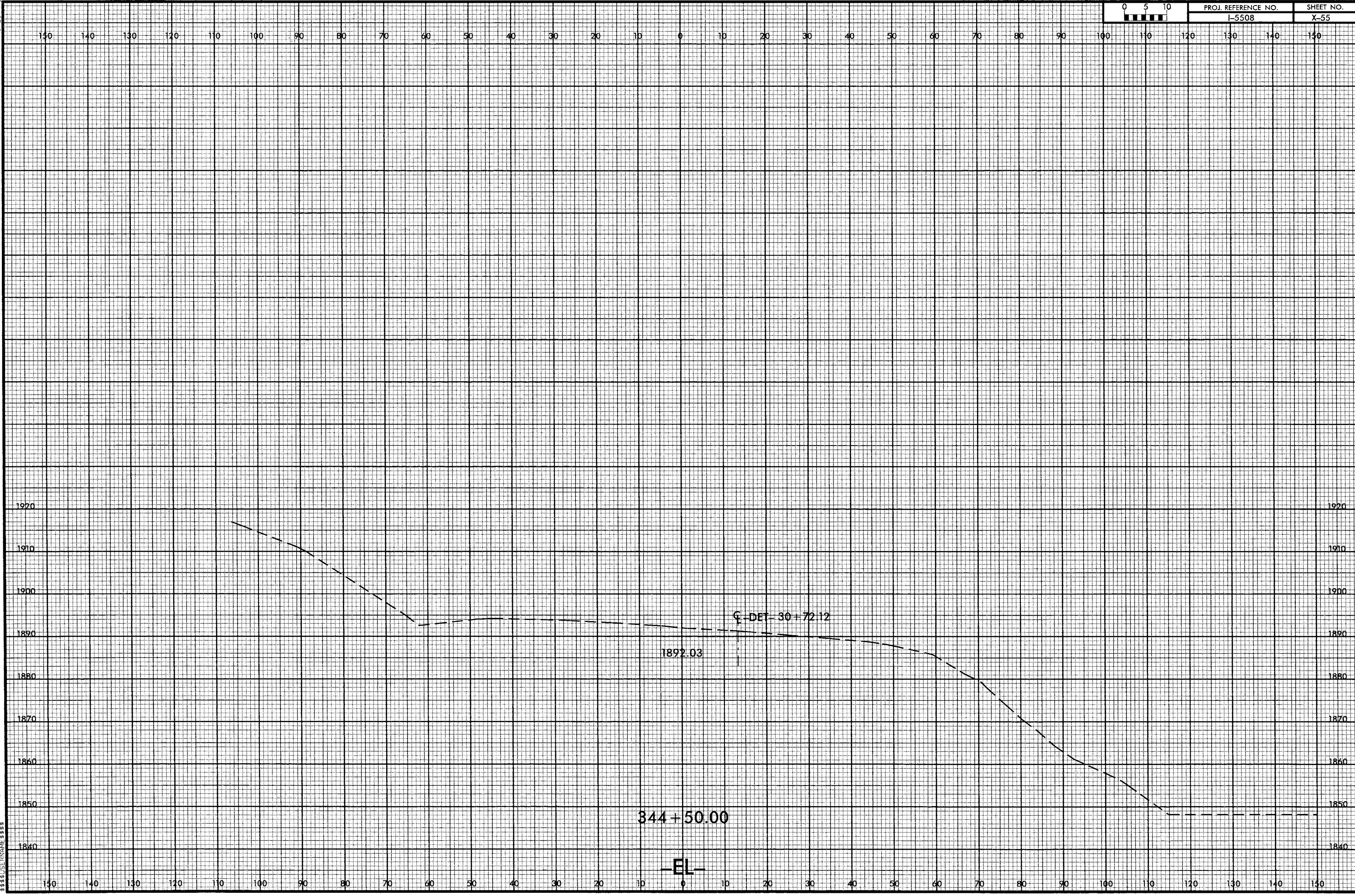
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8.23/99



PROJ. REFERENCE NO.	SHEET NO.
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