

GENERAL CONSTRUCTION NOTES:

- EXISTING UTILITIES SHOWN ON THIS PLAN ARE PLOTTED FROM OFFICE RECORDS. THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO LOCATE AND PROTECT ALL UTILITIES WHETHER OR NOT SHOWN ON THIS PLAN. IF THE COVER OF A UTILITY IS KNOWN, IT IS SHOWN IN THE PROFILE. UTILITIES SHOWN IN THE PROFILE AS "UNKNOWN" INDICATES THAT THE COVER IS UNKNOWN, BUT THE UTILITY IS NOT EXPECTED TO CONFLICT WITH THE PROPOSED IMPROVEMENTS.
- CONFLICTING UTILITIES IN THE CONSTRUCTION AREA SHALL BE RELOCATED OR ABANDONED. PIPE ABANDONMENT SHALL CONFORM TO STATE STANDARDS AND SPECIFICATIONS.
- CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE CITY OF RIVERSIDE STANDARD DRAWINGS AND STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1997 EDITION, INCLUDING 1998 SUPPLEMENT. REFERENCE TO STATE STD. REFERS TO STATE OF CALIFORNIA, BUSINESS AND TRANSPORTATION AGENCY, DEPARTMENT OF TRANSPORTATION STANDARD PLANS AND SPECIFICATIONS, 1995 METRIC EDITION.
- WHERE SURVEY MONUMENTS EXIST, SUCH MONUMENTS SHALL BE PROTECTED OR SHALL BE REFERENCED AND RESET PURSUANT TO BUSINESS AND PROFESSIONS CODE, SECTIONS 8700 TO 8805 (LAND SURVEYOR'S ACT).
- ALL ELEVATIONS SHOWN ON THE PLANS SHALL BE STAKED IN THE FIELD.
- THE CONTRACTOR SHALL ADEQUATELY EXPOSE REINFORCEMENT OF EXISTING STORMDRAINS TO CONNECT PROPOSED IMPROVEMENTS. ALL SPLICING OF REINFORCEMENT SHALL BE IN CONFORMANCE WITH SECTION 52-1.08A OF CALTRANS SPECIFICATIONS DATED JULY 1992.
- ALL SIGNING, STRIPING, AND PAVEMENT MARKINGS SHALL BE IN CONFORMANCE WITH THE CURRENT EDITION OF THE TRAFFIC MANUAL, PUBLISHED BY THE STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION, AND THE SPECIAL PROVISIONS. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC UNLESS OTHERWISE NOTED ON THE PLANS. CONTRACTOR SHALL COORDINATE ALL LOCAL STREET CONSTRUCTION SIGNING WITH CONSTRUCTION SIGNING REQUIRED FOR RAMP.

EXISTING UNDERGROUND UTILITIES:

SANITARY SEWER	8" S	TELEPHONE CONDUIT	1" T
WATER LINE	8" W	ELECTRICAL CONDUIT	1" E
STORM DRAIN	24" SD	ELECTRICAL LIGHTING CONDUIT	1" EL
GAS LINE	3" G	TRAFFIC SIGNAL	1" SIG
ABANDONED UTILITY	6" (ABAND.)	FIRE ALARM	1" FA

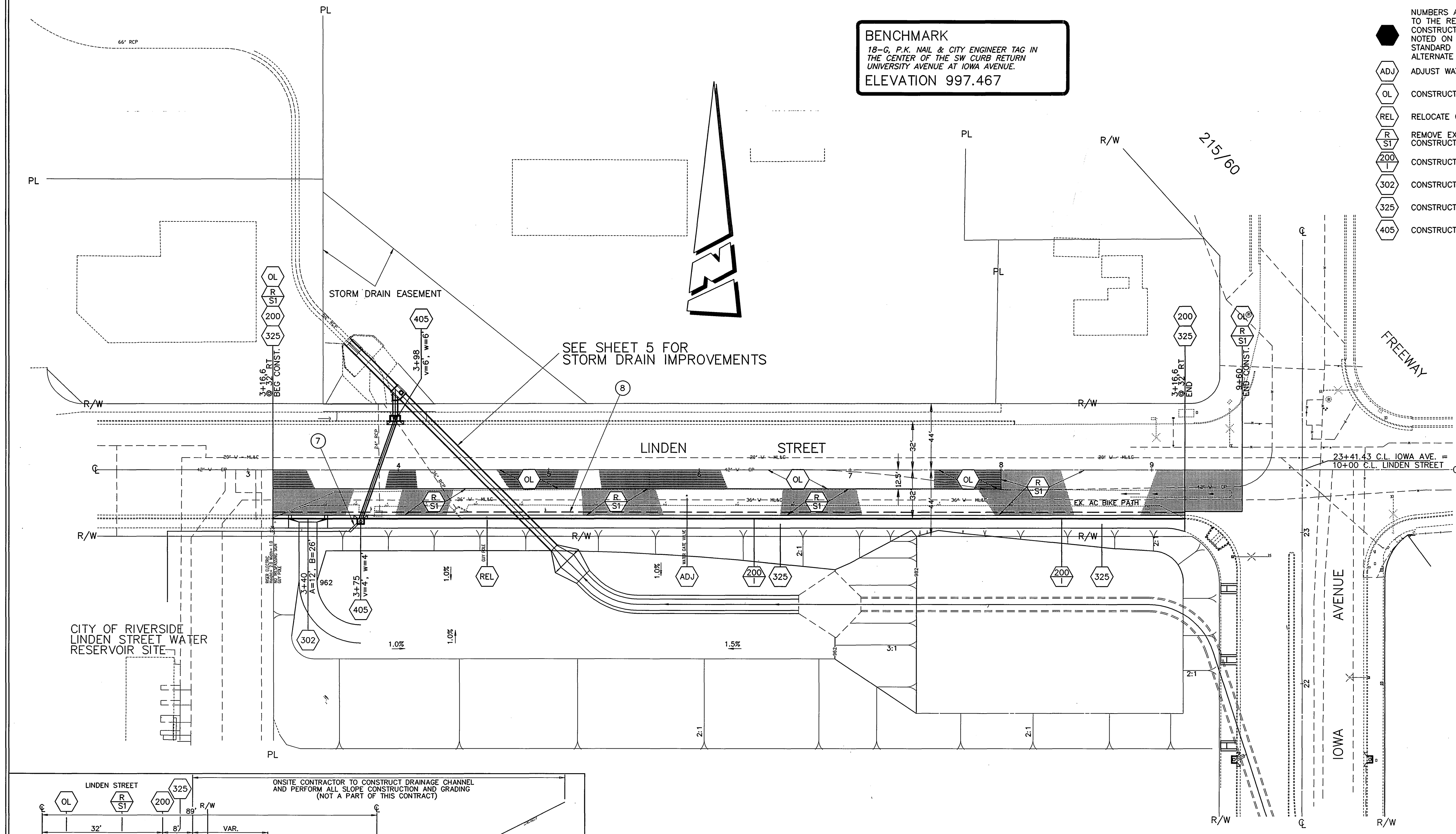
EXISTING TOPOGRAPHY:

Sanitary Sewer M.H.	Pole & Guy Anchor	Open	PEDESTRIAN PUSH BUTTON
Sanitary Sewer Cleanout	Power Pole	RAILROAD TRACKS	RAILROAD SIGN
Storm Drain M.H.	Telephone Pole	RAILROAD SIGNAL	TRAFFIC SIGNAL ON MAST ARM
Irrigation Weir	Telephone Riser	TRAFFIC SIGNAL	TRAFFIC SIGNAL CONTROLLER
Water M.H.	Joint Use Pole	TRAFFIC SIGNAL ON MAST ARM	TRAFFIC SIGNAL LOOP DETECTOR
Gas M.H.	Fill Box	TRAFFIC SIGNAL ON MAST ARM	TRAFFIC SIGNAL PRESSURE DETECTOR
Electric M.H.	Traffic Sign	TRAFFIC SIGNAL LOOP DETECTOR	STREET LIGHT & TRAFFIC SIGNAL ON MAST ARM
Telephone M.H.	Parking Meter	STREET LIGHT (UPRIGHT)	STREET LIGHT ON MAST ARM
Water Meter	Fire Alarm Box	STREET LIGHT (UPRIGHT)	STREET LIGHT ON MAST ARM
Gas Hydrant	Street Name Sign	STREET LIGHT (UPRIGHT)	STREET LIGHT ON MAST ARM
Sprinkler Head	Gas Meter	STREET LIGHT (UPRIGHT)	STREET LIGHT ON MAST ARM
Valve	Mail Box	STREET LIGHT (UPRIGHT)	STREET LIGHT ON MAST ARM
Air Valve	Faucet	STREET LIGHT (UPRIGHT)	STREET LIGHT ON MAST ARM
Air Vent	Walk-Dont Walk Pedestrian Signal	STREET LIGHT (UPRIGHT)	STREET LIGHT ON MAST ARM
Bus Stop Sign	Electrolysis Test Station	STREET LIGHT (UPRIGHT)	STREET LIGHT ON MAST ARM
Blow-Off Valve	Wheel Stop	STREET LIGHT (UPRIGHT)	STREET LIGHT ON MAST ARM
Irrigation Stand Pipe	A.C. Beam	STREET LIGHT (UPRIGHT)	STREET LIGHT ON MAST ARM
Concrete		STREET LIGHT (UPRIGHT)	STREET LIGHT ON MAST ARM
Asphalt		STREET LIGHT (UPRIGHT)	STREET LIGHT ON MAST ARM
Building		STREET LIGHT (UPRIGHT)	STREET LIGHT ON MAST ARM
Edge of Pavement		STREET LIGHT (UPRIGHT)	STREET LIGHT ON MAST ARM

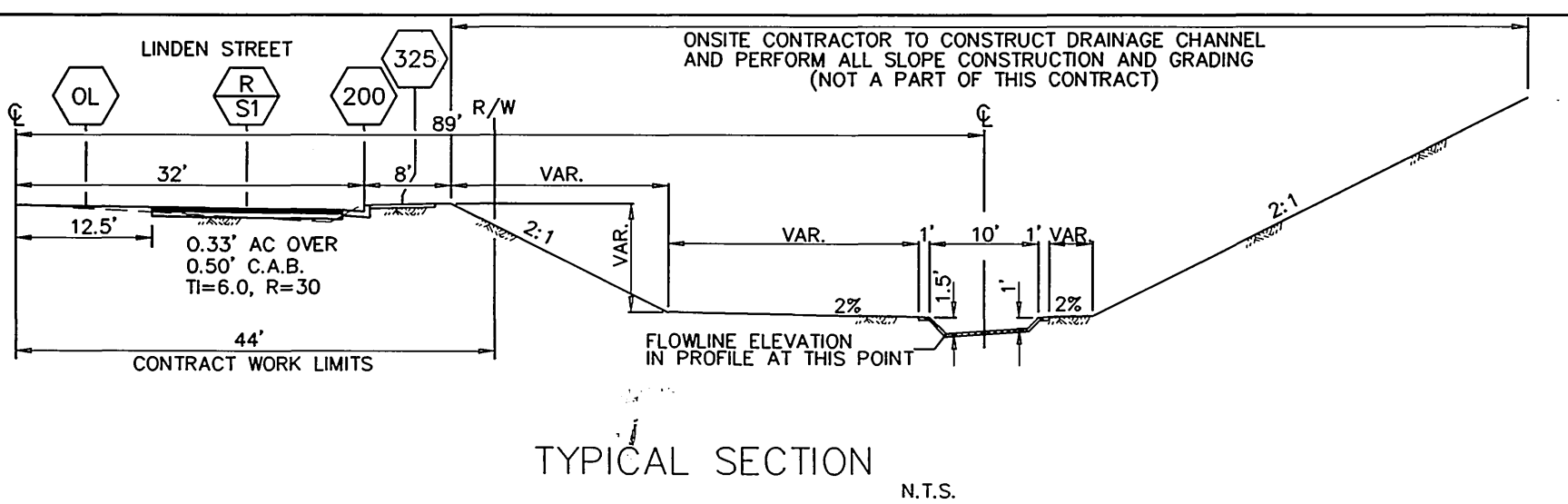
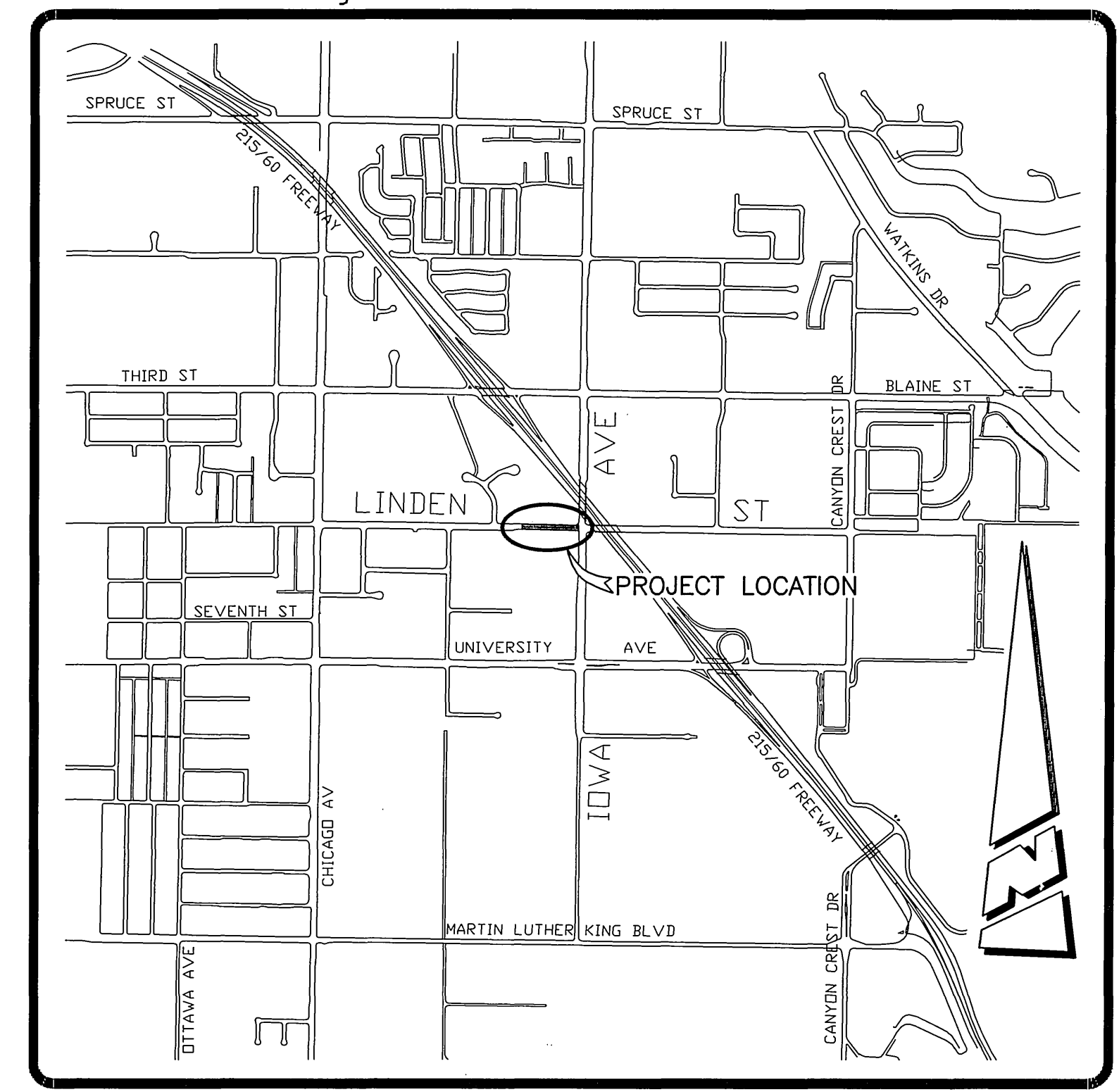
SPECIFIC CONSTRUCTION NOTES

- NUMBERS ABOVE 100 IN A HEXAGON ON THE PLAN REFER TO THE RESPECTIVE STANDARD DRAWING AND SHALL BE CONSTRUCTED ACCORDINGLY, UNLESS MODIFICATIONS ARE NOTED ON THE PLAN. ANY NUMBER SHOWN BELOW THE STANDARD DRAWING NUMBER INDICATES THE SPECIFIC ALTERNATE TO BE CONSTRUCTED.
- ADJ. ADJUST WATER METER TO GRADE.
- OL. CONSTRUCT VARIABLE THICKNESS DGAC OVERLAY.
- REL. RELOCATE GUY POLE BY OTHERS.
- R/S1. REMOVE EXISTING IMPROVEMENTS. CONSTRUCT STRUCTURAL SECTION OF 4" DGAC OVER 6" CAB.
- 200. CONSTRUCT STANDARD 200 CURB AND GUTTER, 6" CURB FACE.
- 302. CONSTRUCT STD 302 DRIVEWAY APPROACH.
- 325. CONSTRUCT STANDARD 325 SIDEWALK.
- 405. CONSTRUCT STANDARD 405 CATCH BASIN.
- 8. ELECTRIC DUCT BANKS w/o CONDUCTORS. (SEE ELECTRIC PLAN FOR CONSTRUCTION DETAILS.)

BENCHMARK
18-G, P.K. MAIL & CITY ENGINEER TAG IN THE CENTER OF THE SW CURB RETURN UNIVERSITY AVENUE AT IOWA AVENUE.
ELEVATION 997.467



EDA Project No. 07-01-03654



IMPORTANT NOTICE
Section 4216/4217 of the Government Code requires a Dig Alert identification Number to be issued before a Permit to Excavate will be valid. For your Dig Alert ID Number call CALL TOLL FREE 48 HOURS BEFORE YOU DIG UNDERGROUND SERVICE ALERT 1-800-227-2600

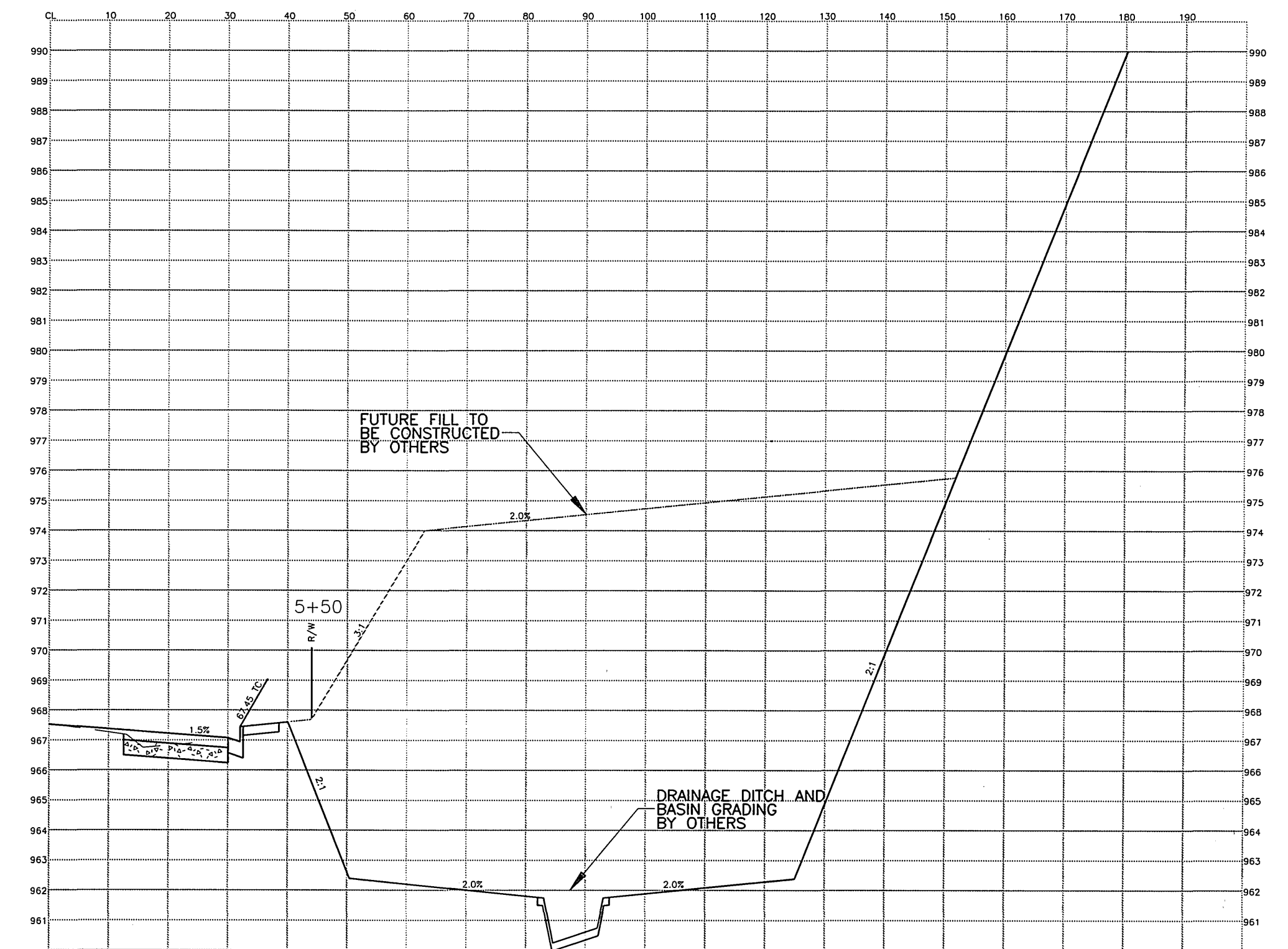
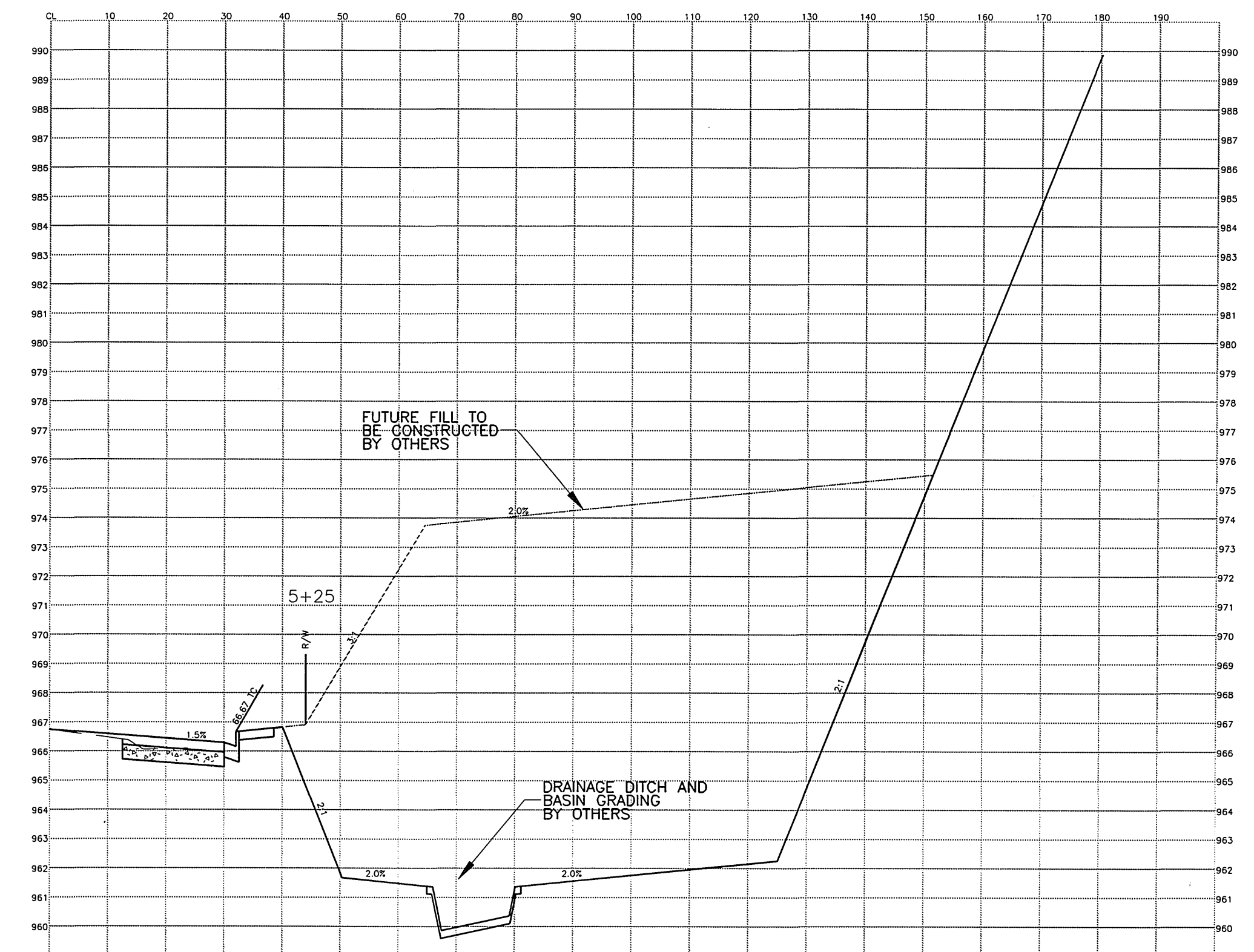
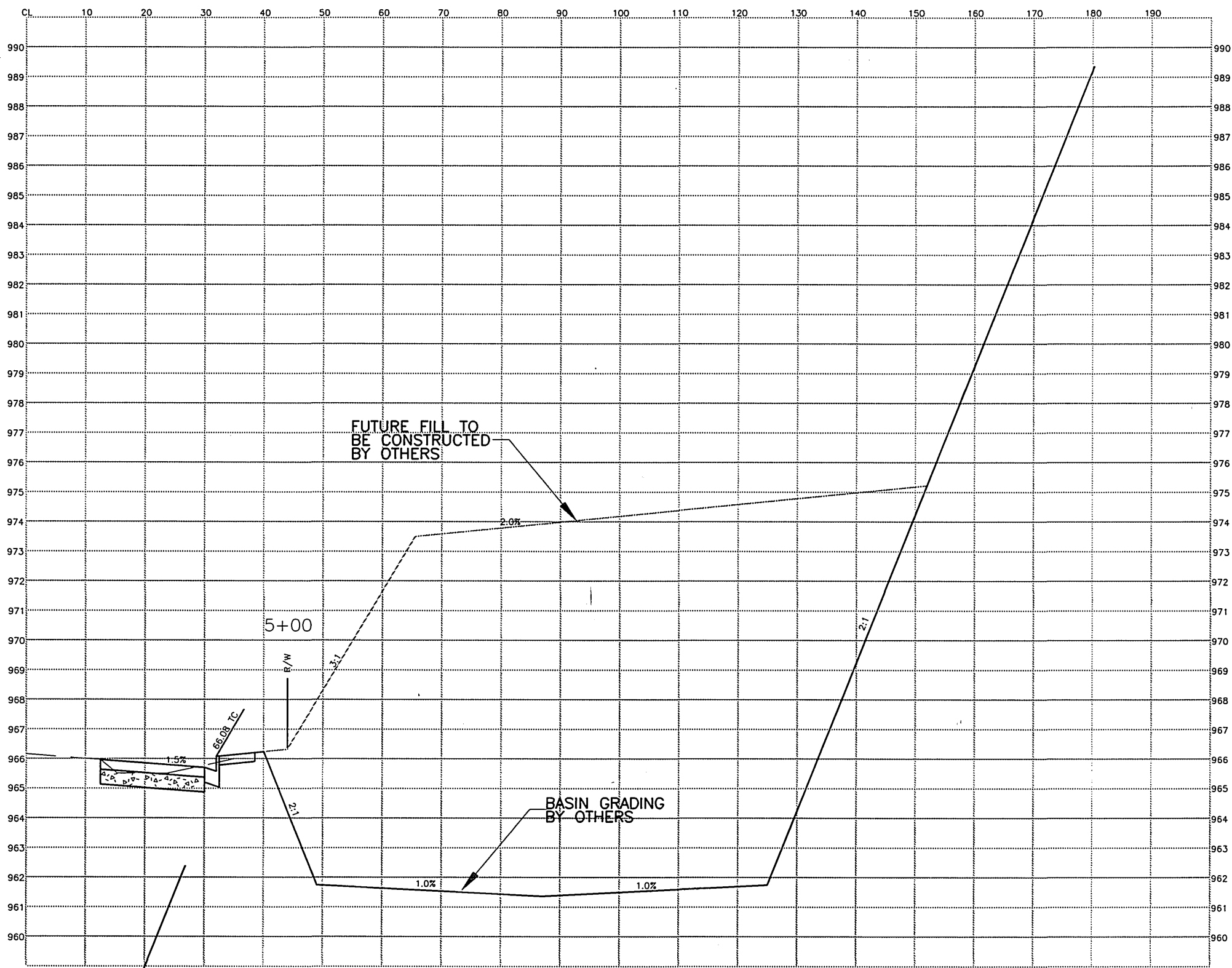
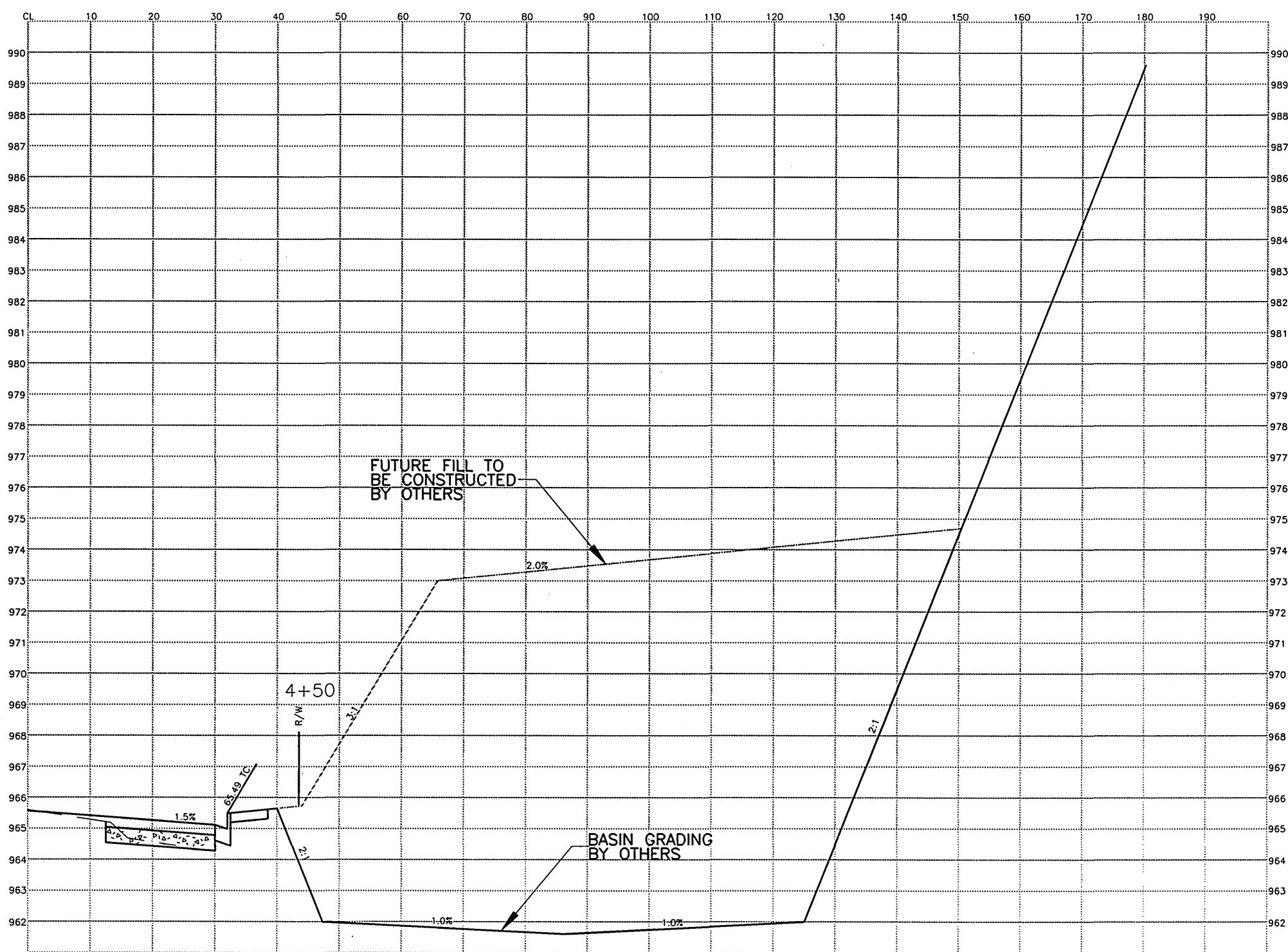
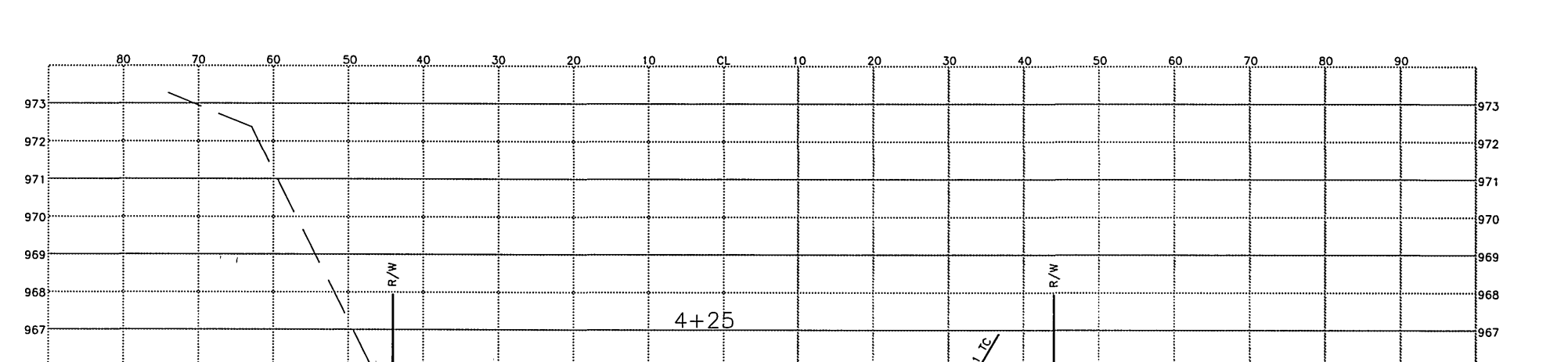
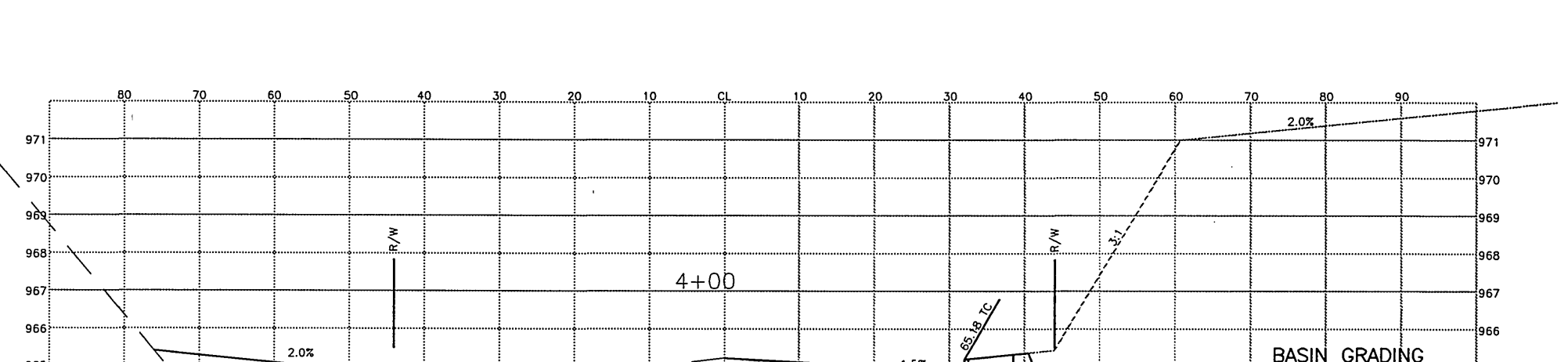
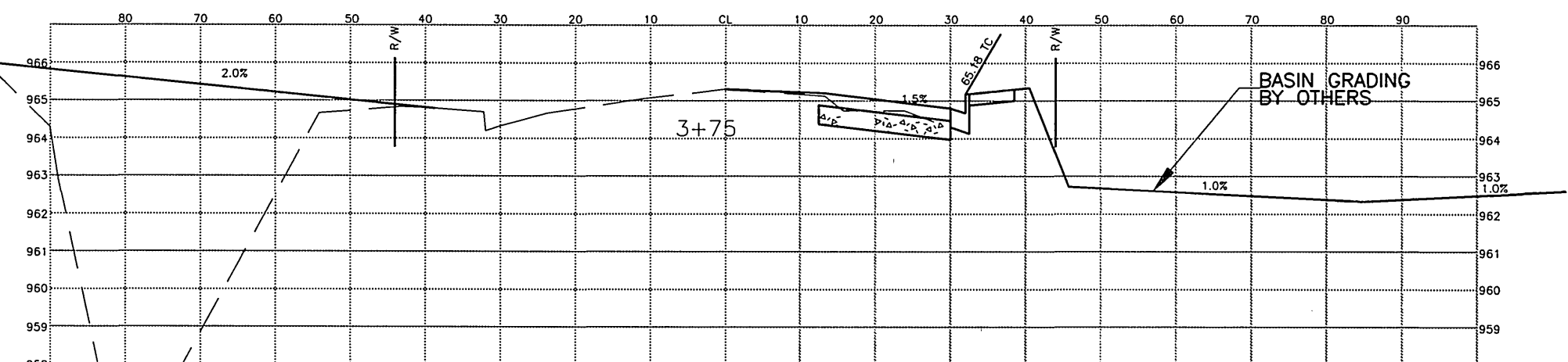
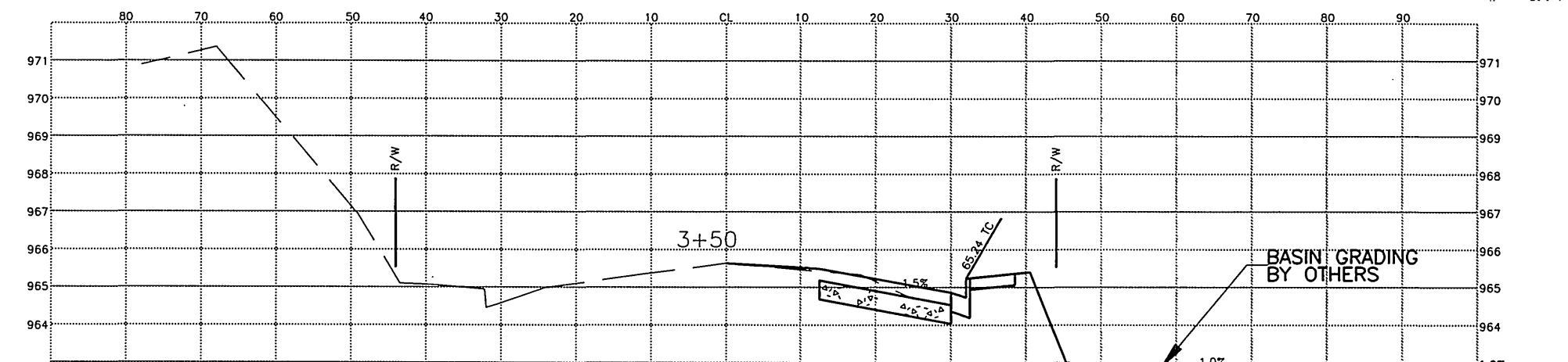
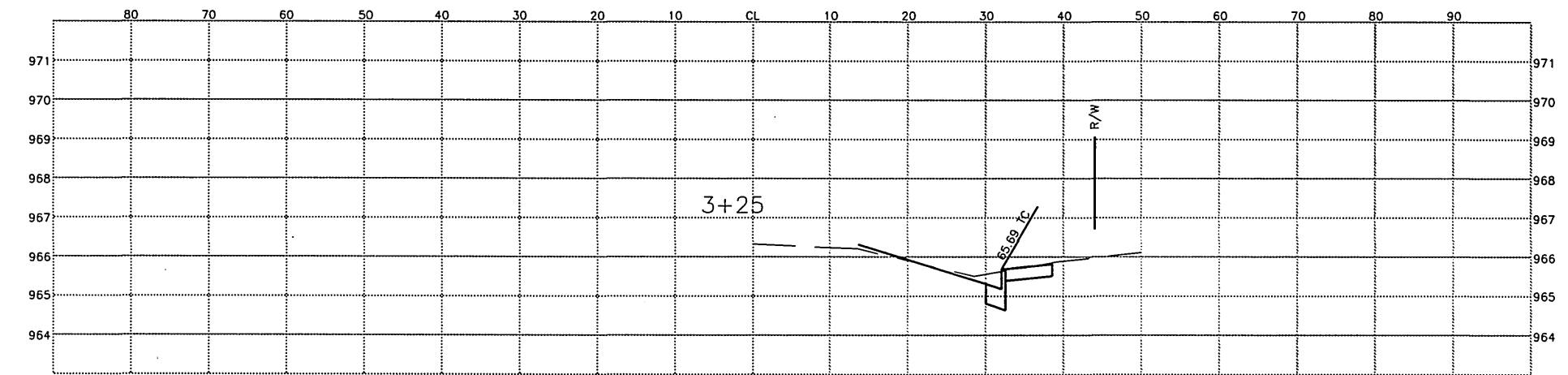
ENGINEER IN RESPONSIBLE CHARGE
Ronald C. Mueller
RONALD C. MUELLER
R.C.E. No. 29510 expires 3/31/03
DATE 7-21-2000

REVISIONS
DESIGNED BY DPY DRAWN BY DMY CHECKED BY ROM

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT
APPROVED BY R. Mc Grath
DATE 7-27-2000

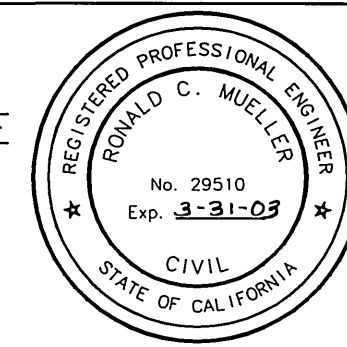
VICINITY MAP
*AS-BUILT PER PLANS 5-21-03 N.T.S. LHM
LINDEN STREET WIDENING
FROM IOWA AVENUE TO 700' WESTERLY
CONSTRUCTION PLAN
ACCT # - 9212700601/440446
R-3584
SHEET 1 OF 5
HORIZ. SCALE: 1" = 40' VERT. SCALE: 1" = 4'
FILE NO.:

STRUCTURAL SECTION
FOR LINDEN STREET
0.33' AC OVER 0.50' C.A.B.
Ti=6.0, R=30



IMPORTANT NOTICE
Section 4214.412 of the Government Code requires a Dig Alert Identification Number to be issued before a "Permit to Excavate" will be valid. For your Dig Alert ID Number call CALL TOLL FREE 48 HOURS BEFORE YOU DIG UNDERGROUND SERVICE ALERT 1-800-227-2600

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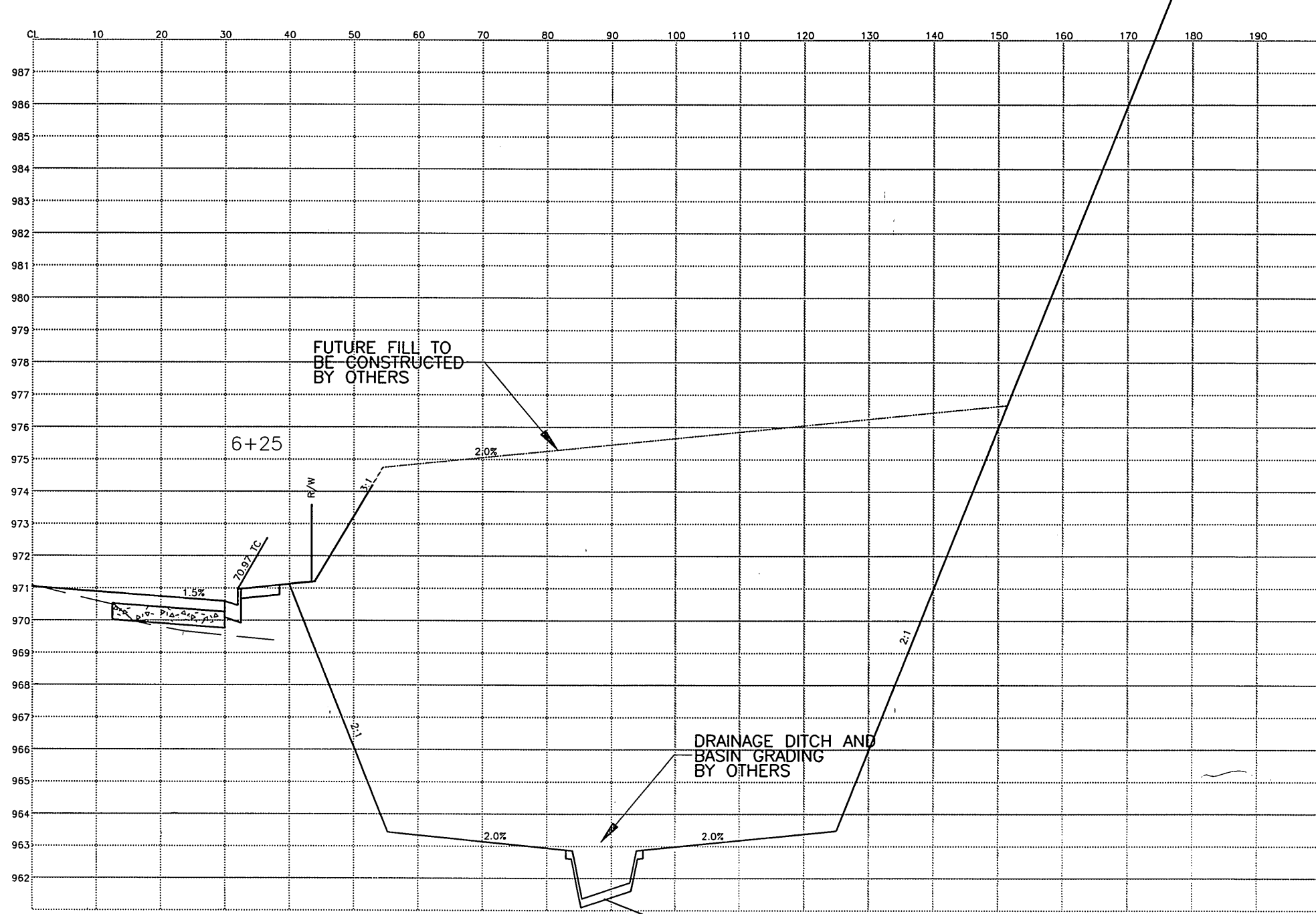
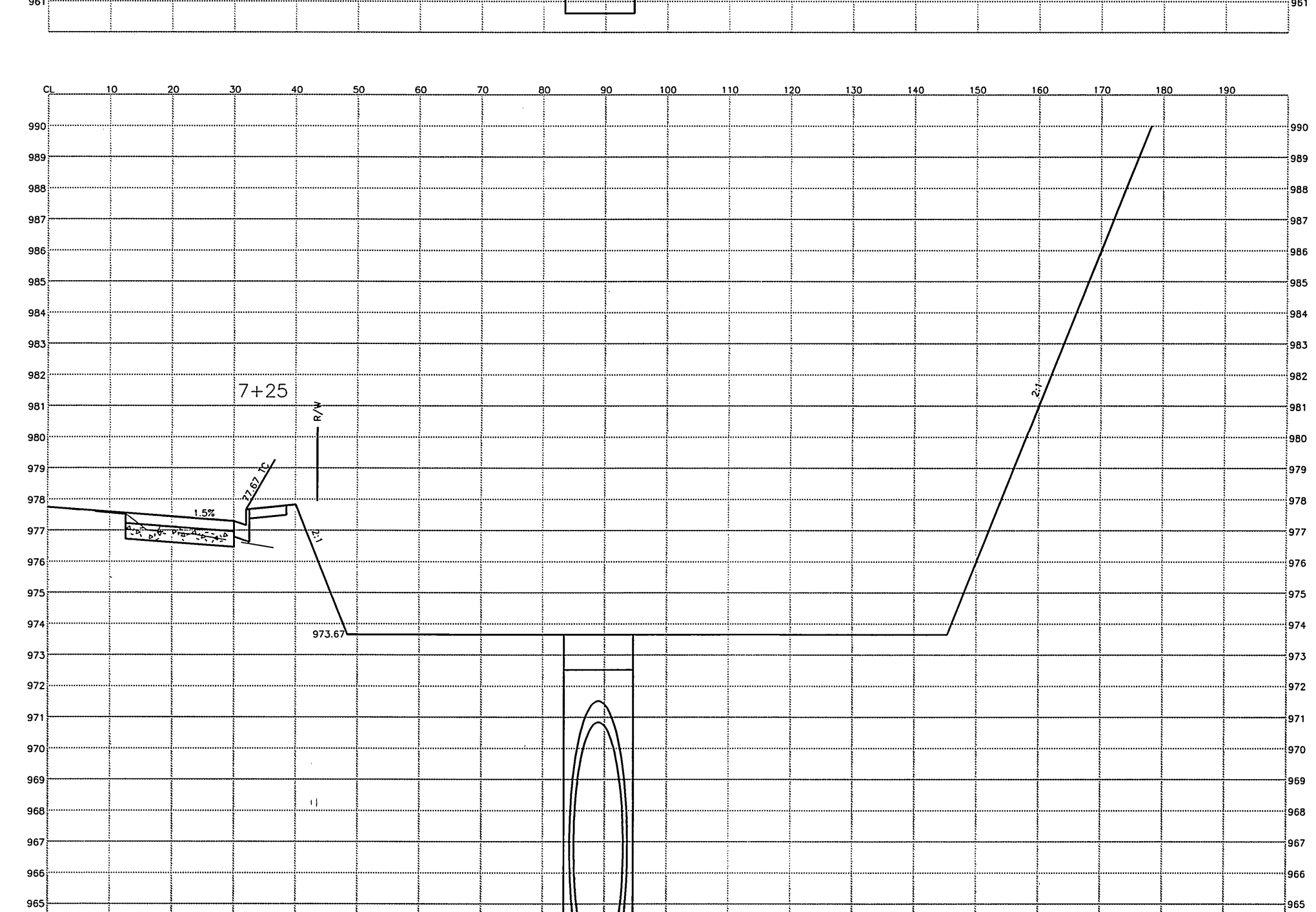
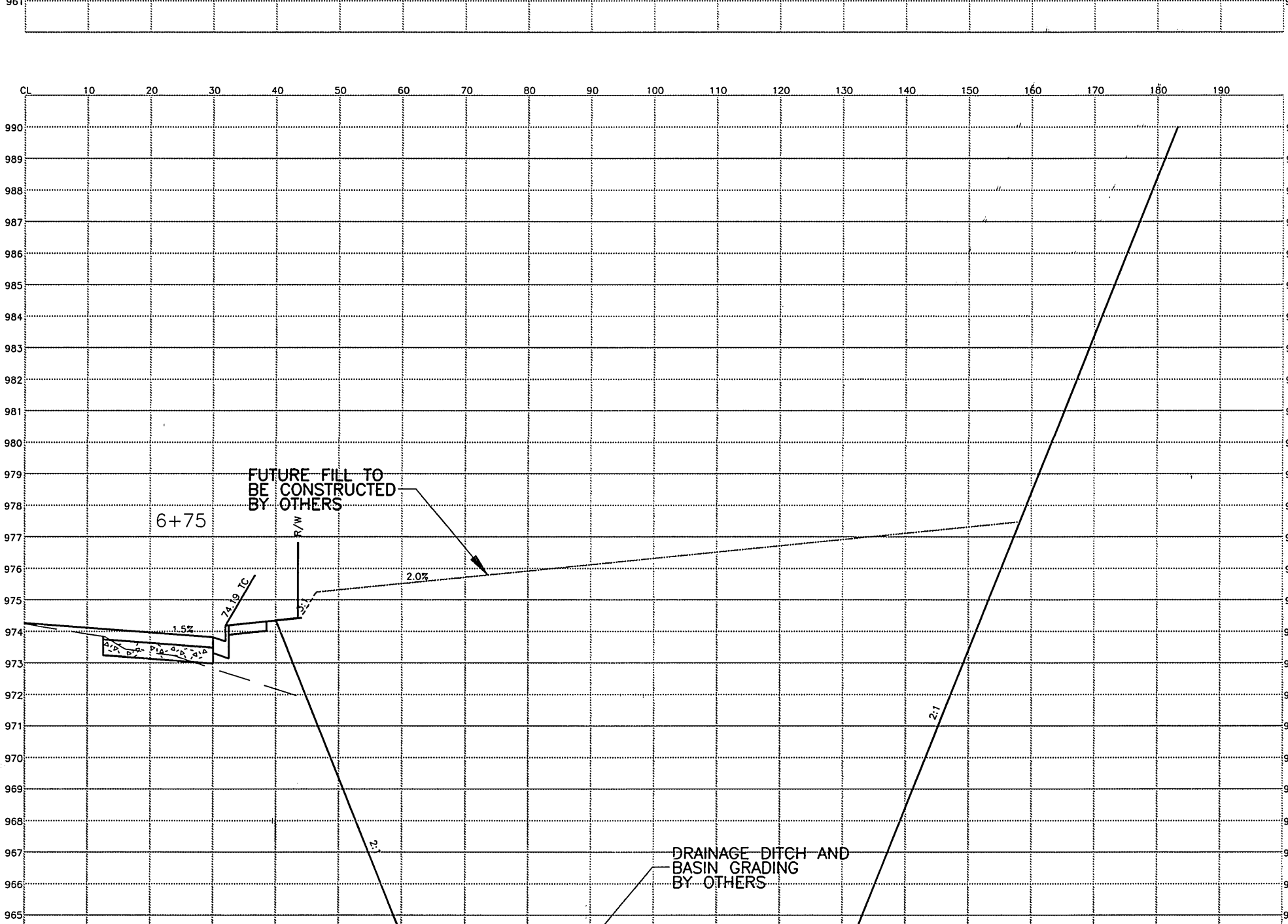
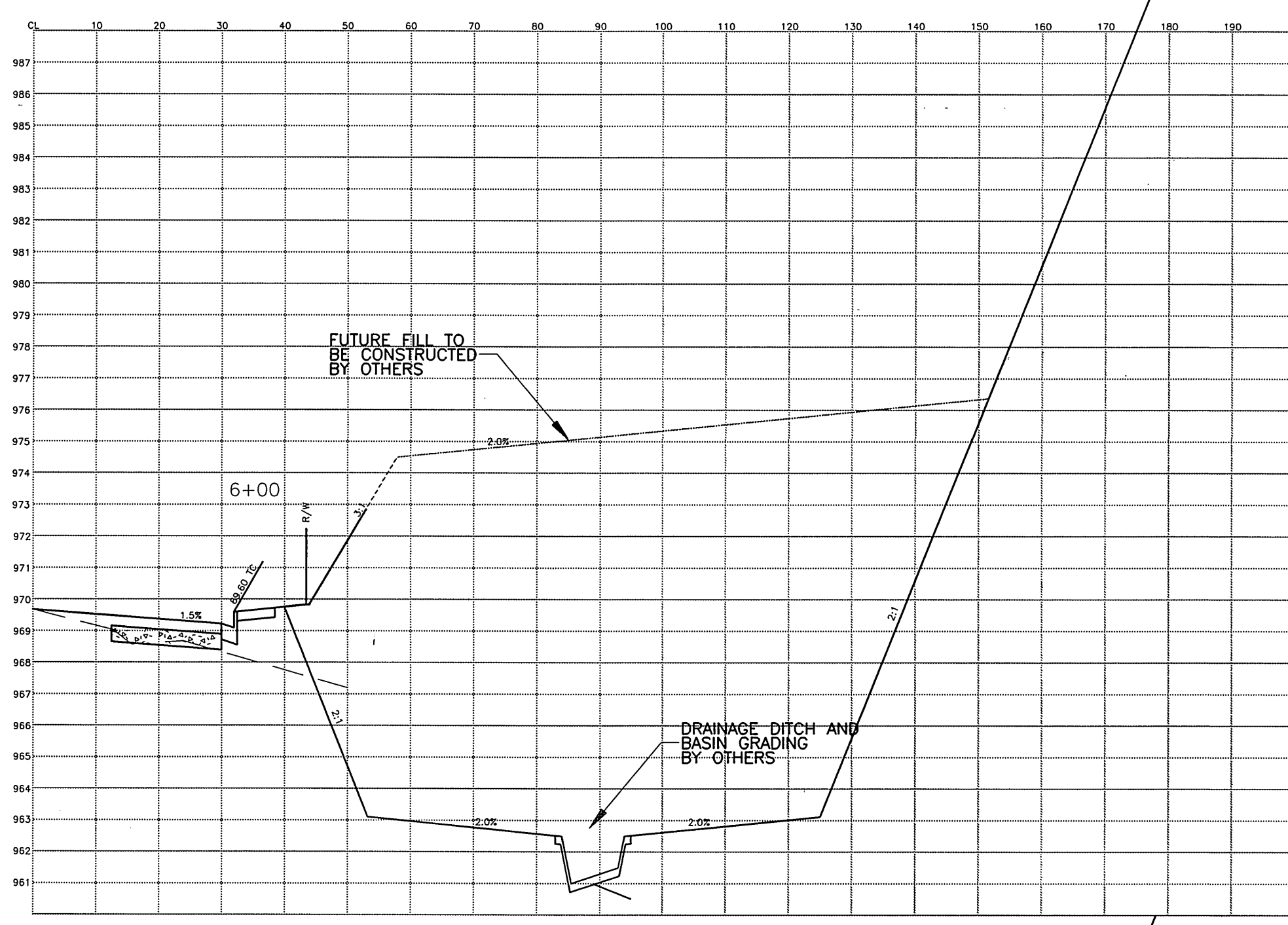
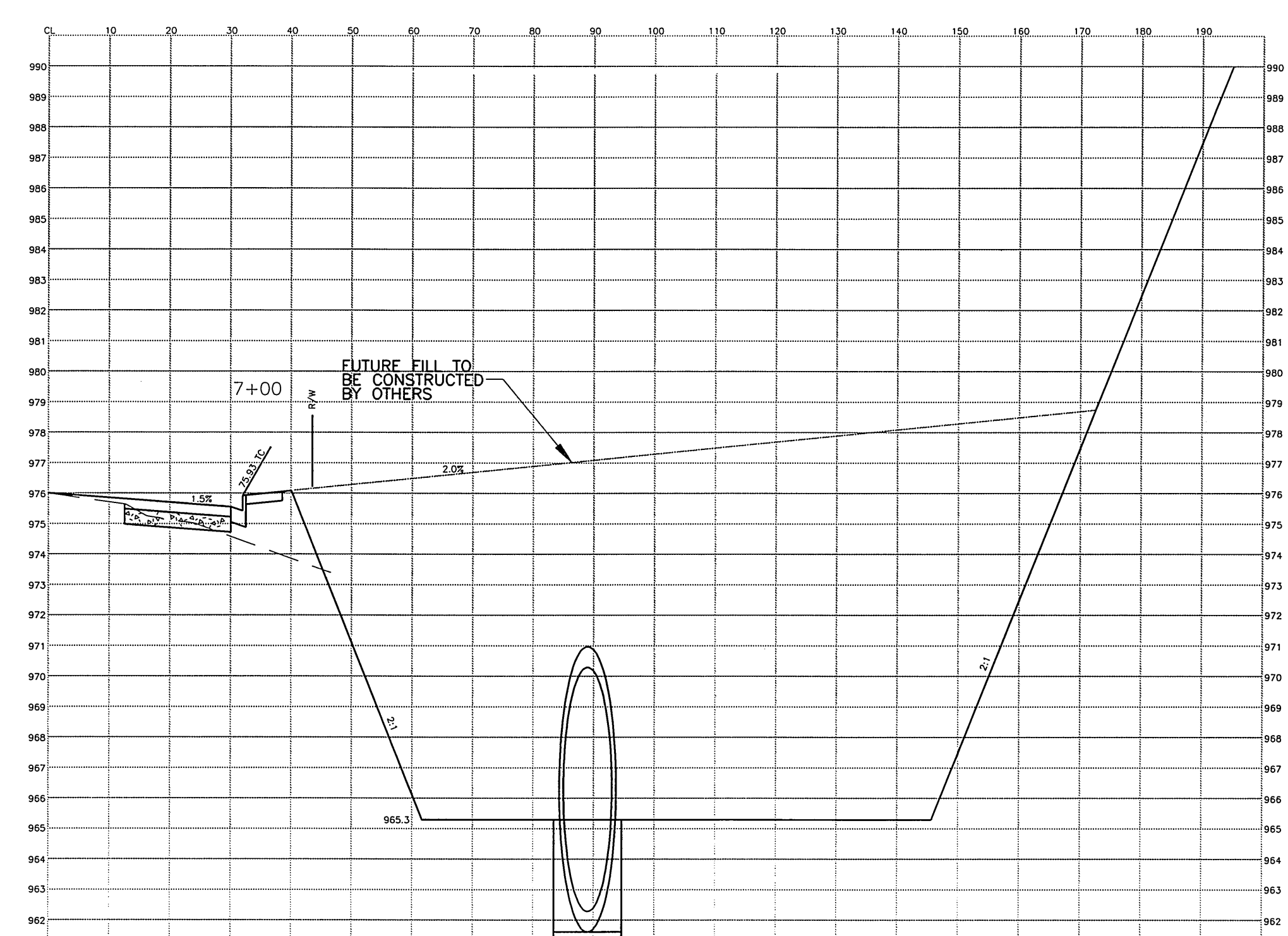
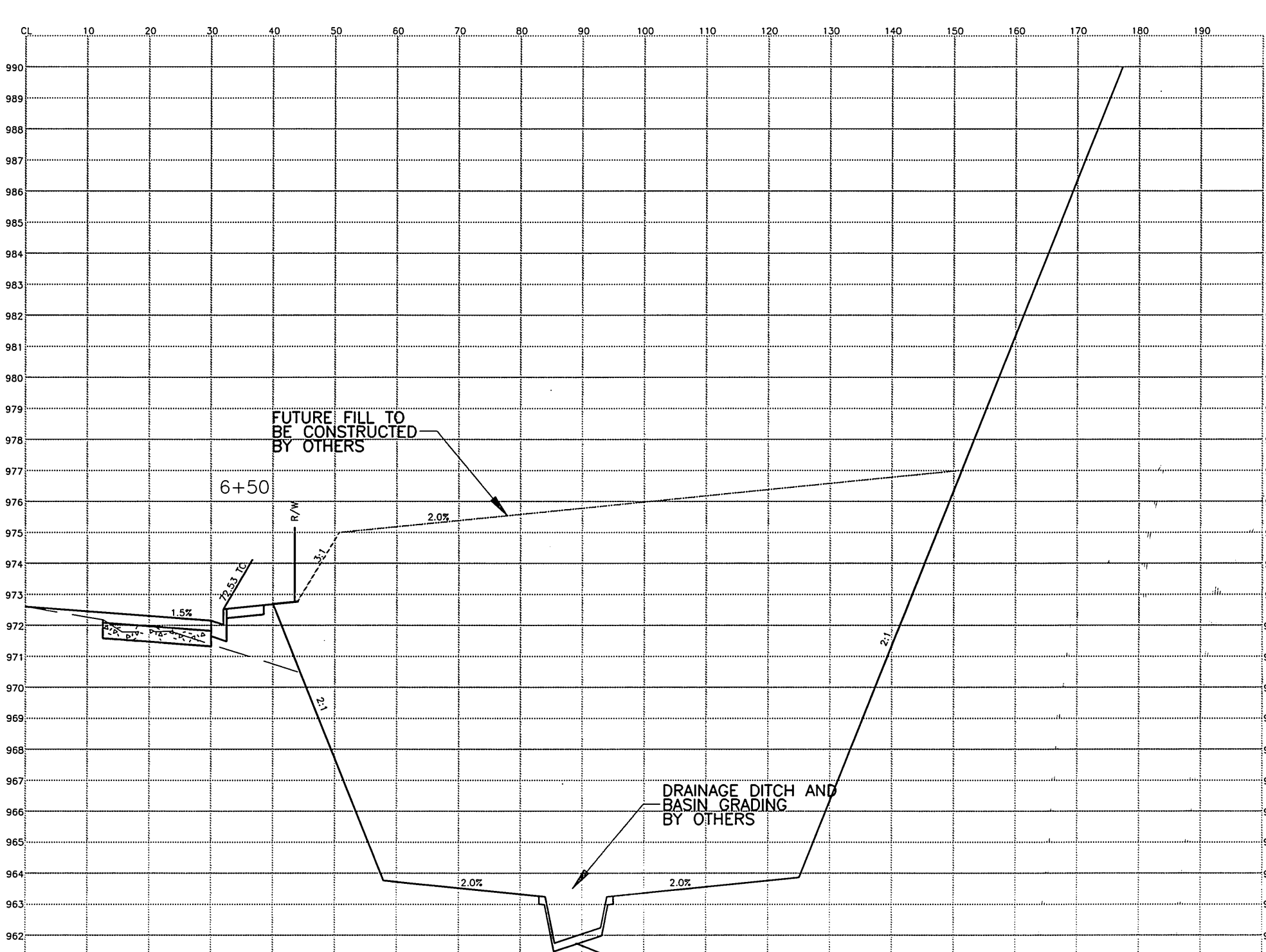
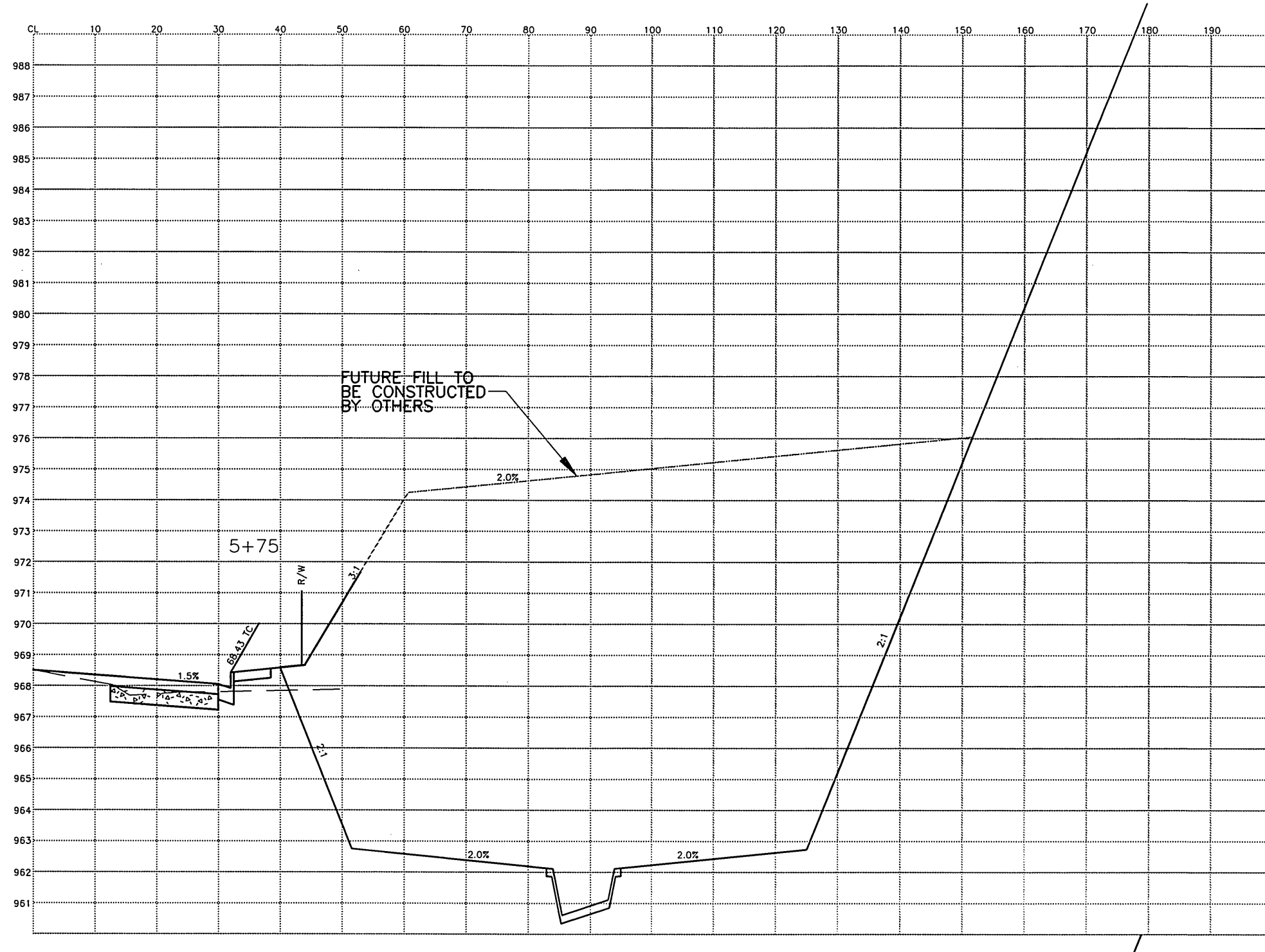
MARK	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY	DATE	APPROVED BY
DEPUTY P.W. DIRECTOR	<i>[Signature]</i>	7/27/00	R. Mc Grath
PRINCIPAL ENGINEER	<i>[Signature]</i>	7/27/00	PUBLIC WORKS DIRECTOR
CHIEF P.W. INSPECTOR	<i>[Signature]</i>	7/27/00	
TRAFFIC DIVISION	<i>[Signature]</i>	7/27/00	
SURVEYOR	<i>[Signature]</i>	7/27/00	
STREET DIVISION	<i>[Signature]</i>	7/27/00	
PARKS DEPARTMENT	<i>[Signature]</i>	7/27/00	

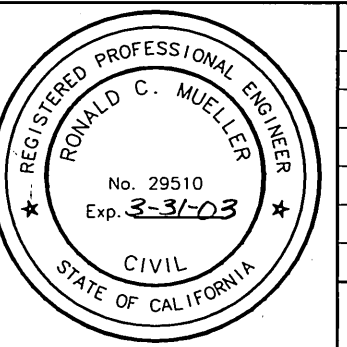
DESIGNED BY DPY DRAWN BY *DPY* CHECKED BY *ROM*

* AS-BUILT PER PLANS 5-21-03 LH
LINDEN STREET WIDENING
FROM IOWA AVENUE TO 700' WESTERLY
CROSS SECTIONS
ACCT # - 9212700601/440446
R-3584
SHEET 2 OF 5
HORIZ. SCALE: 1" = 20' VERT. SCALE: 1" = 4'
FILE NO. :



IMPORTANT NOTICE
 Section 42104.2 of the Government Code requires a Dig Alert Identification Number to be placed before a "Permit to Excavate" will be valid. For your Dig Alert ID Number call **CALL TOLL FREE 48 HOURS BEFORE YOU DIG UNDERGROUND SERVICE ALERT 1-800-227-2600**

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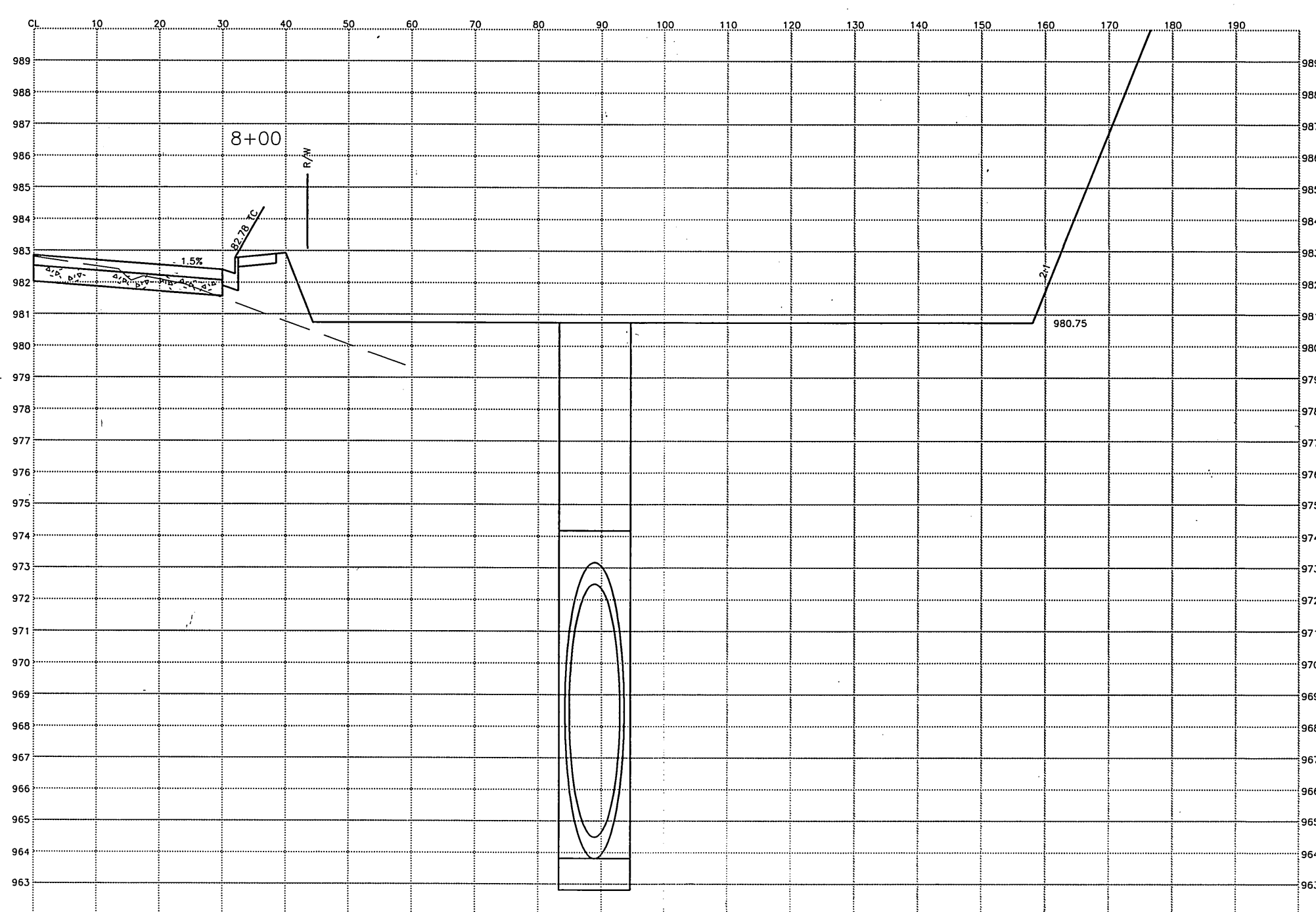
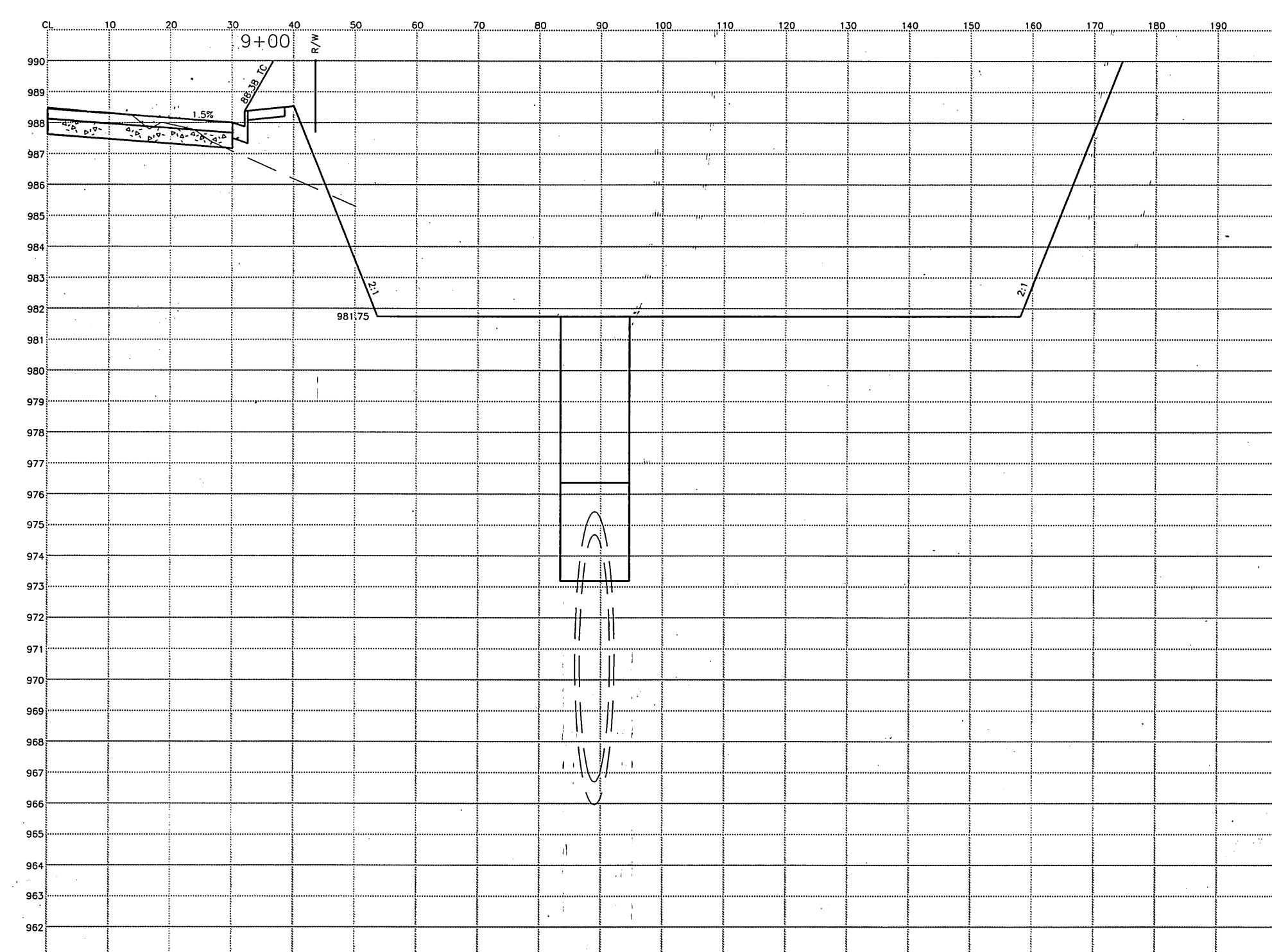
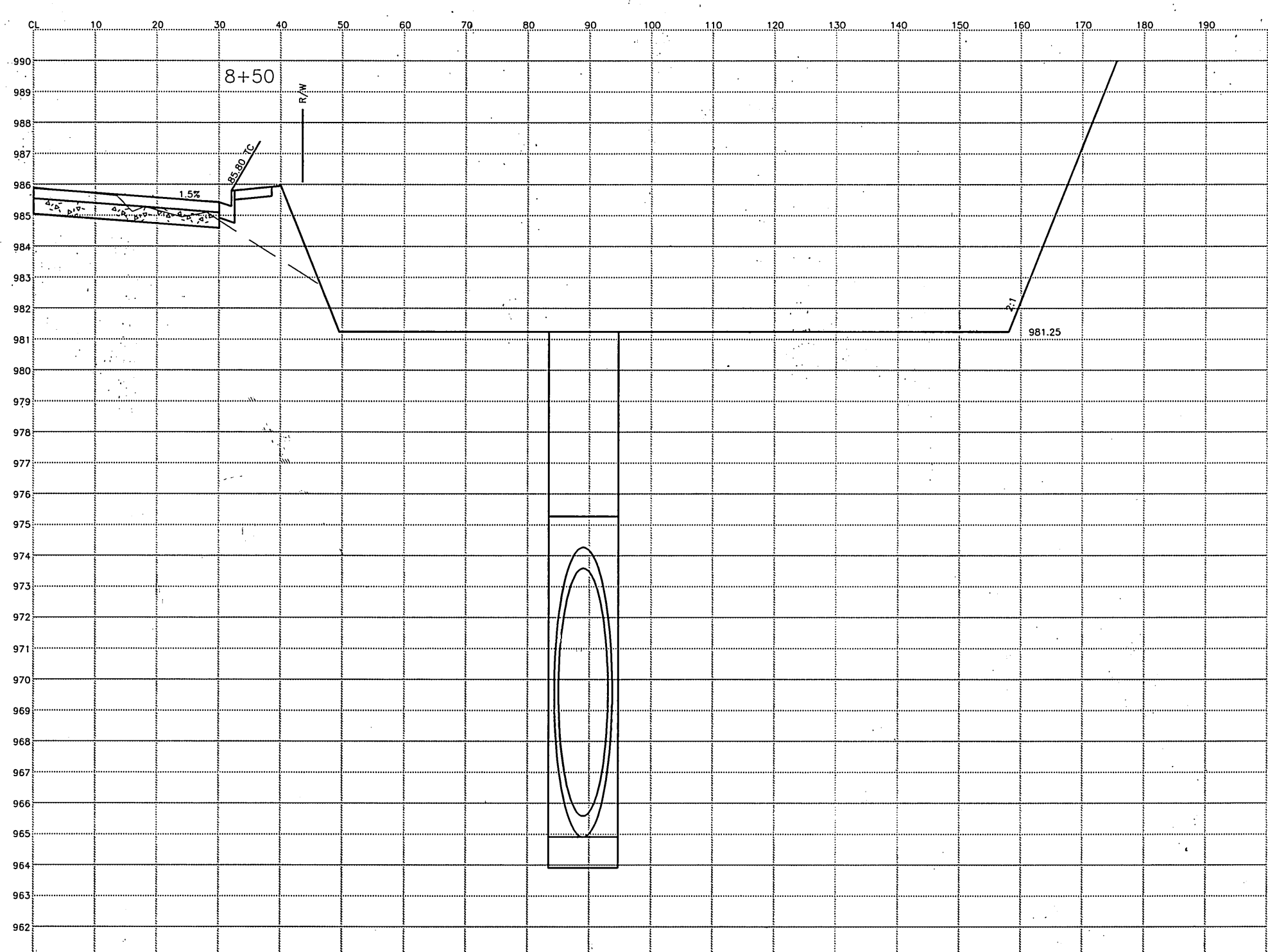
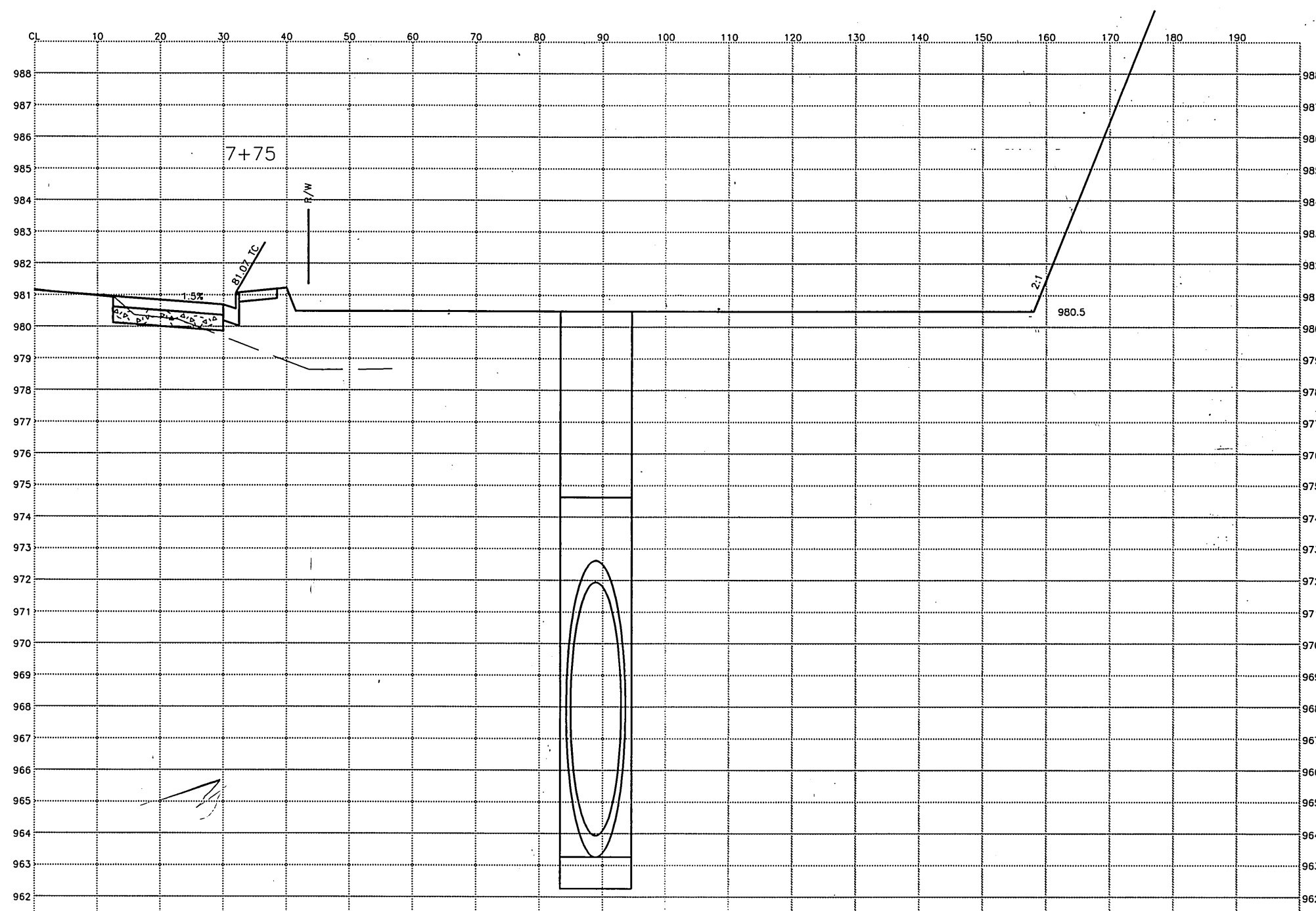
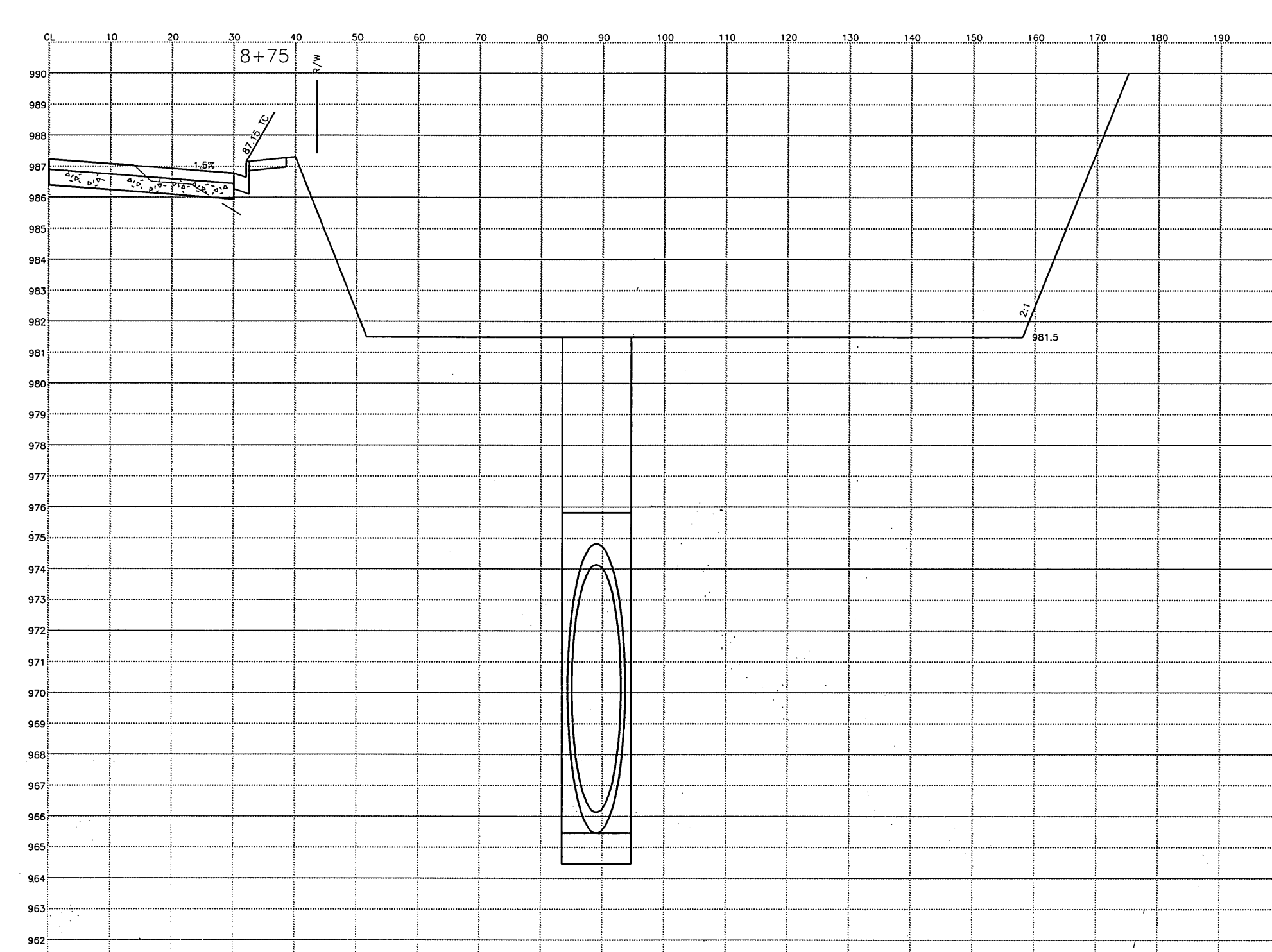
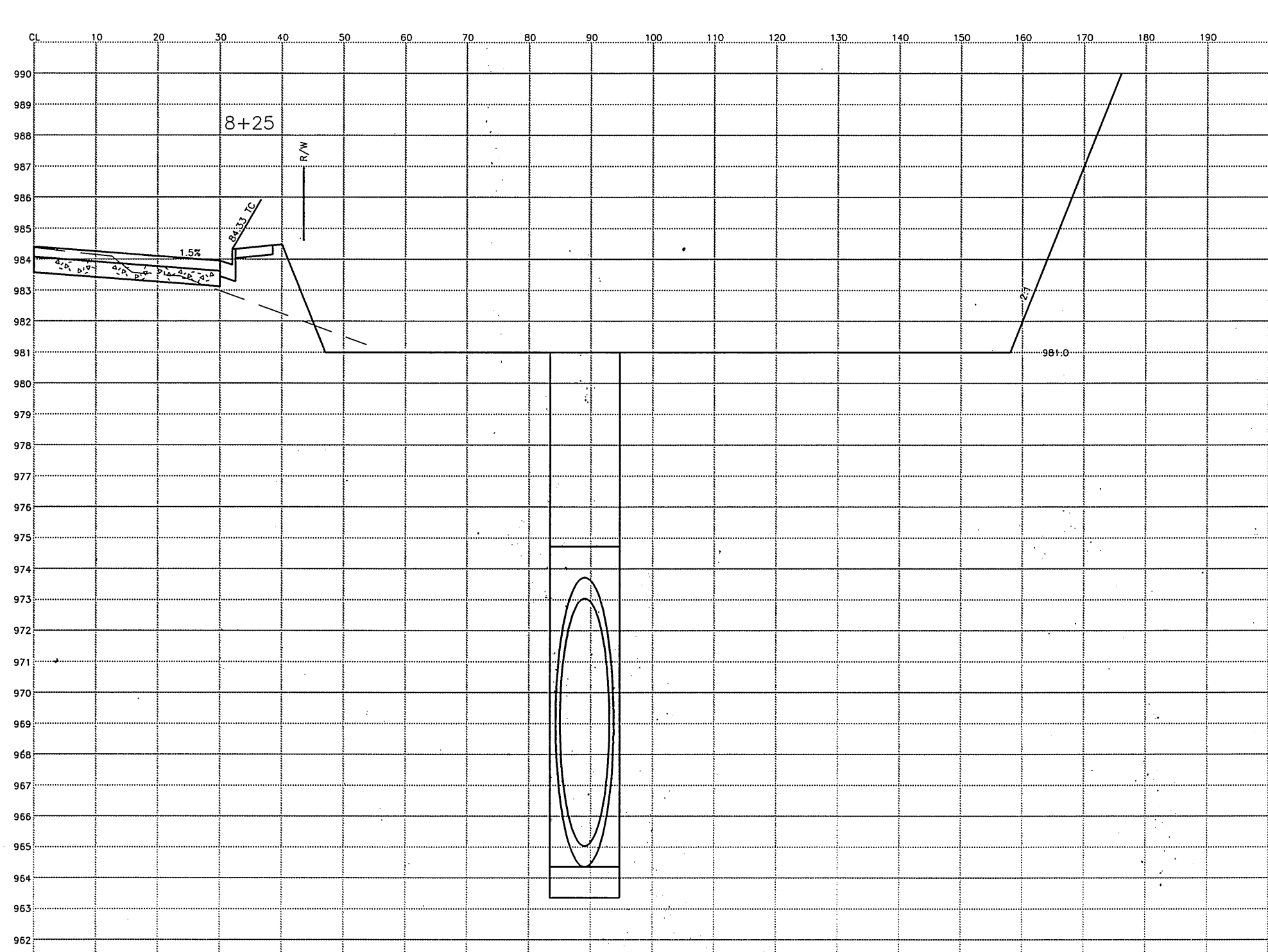
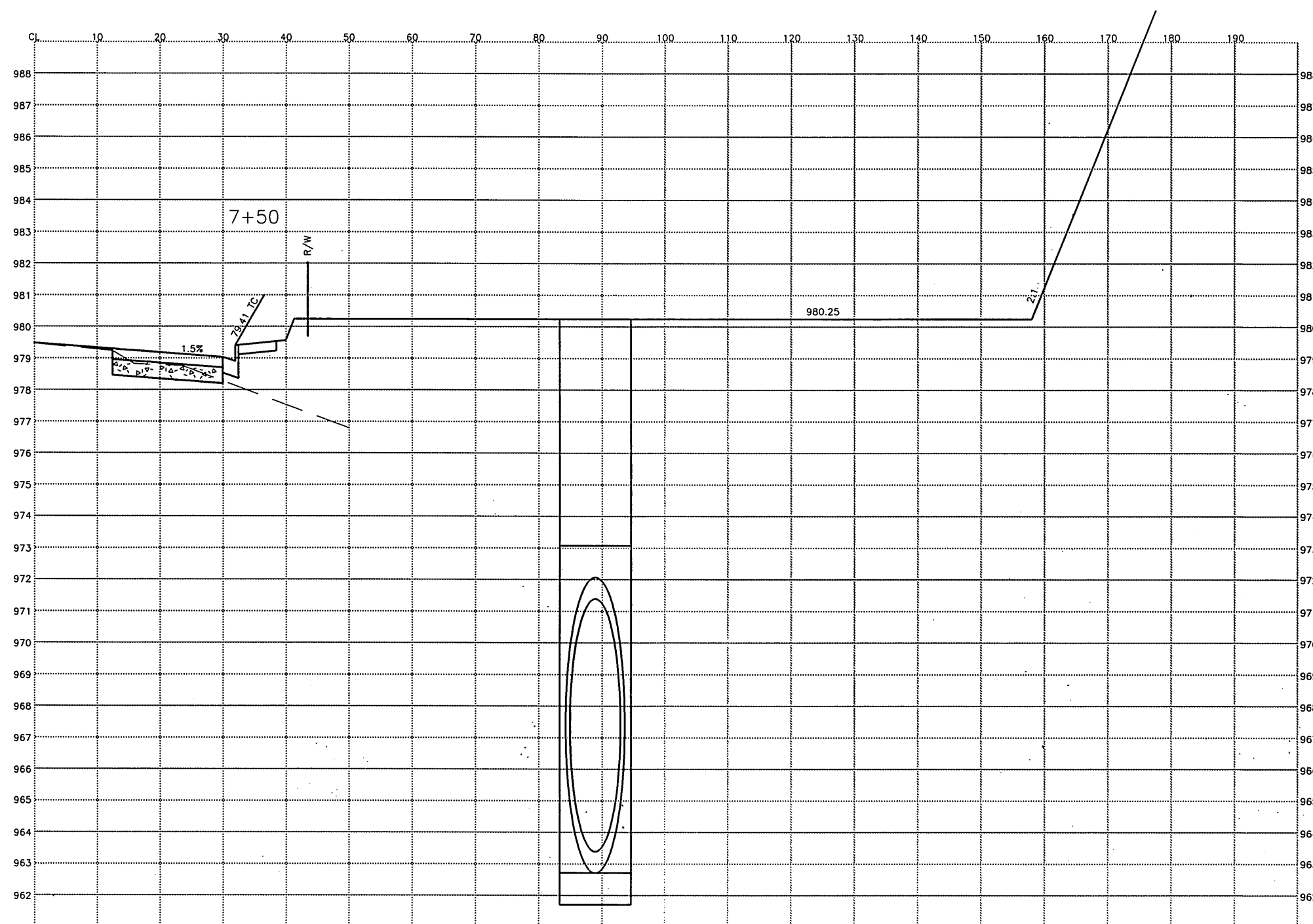
APPROVED BY	BY	DATE	APPROVED BY
DEPUTY P.W. DIRECTOR	<i>[Signature]</i>	7/27/00	R. McLaughlin
PRINCIPAL ENGINEER	<i>[Signature]</i>		PUBLIC WORKS DIRECTOR
CHIEF P.W. INSPECTOR	<i>[Signature]</i>		
TRAFFIC DIVISION	<i>[Signature]</i>		
SURVEYOR	<i>[Signature]</i>		
STREET DIVISION	<i>[Signature]</i>		
PARKS DEPARTMENT	<i>[Signature]</i>		

DATE 7-27-2000

* AS-BUILT PER PLANS 5-21-03 4H

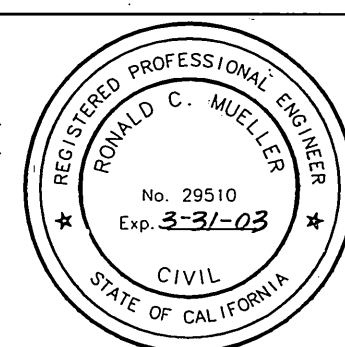
LINDEN STREET WIDENING
 FROM IOWA AVENUE TO 700' WESTERLY
 CROSS SECTIONS

ACCT # - 9212700601/440446
 R-3584
 SHEET 3 OF 5
 FILE NO. :



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ENGINEER IN RESPONSIBLE CHARGE
 RONALD C. MUELLER
 R.C.E. No. 29510 expires 3/31/03
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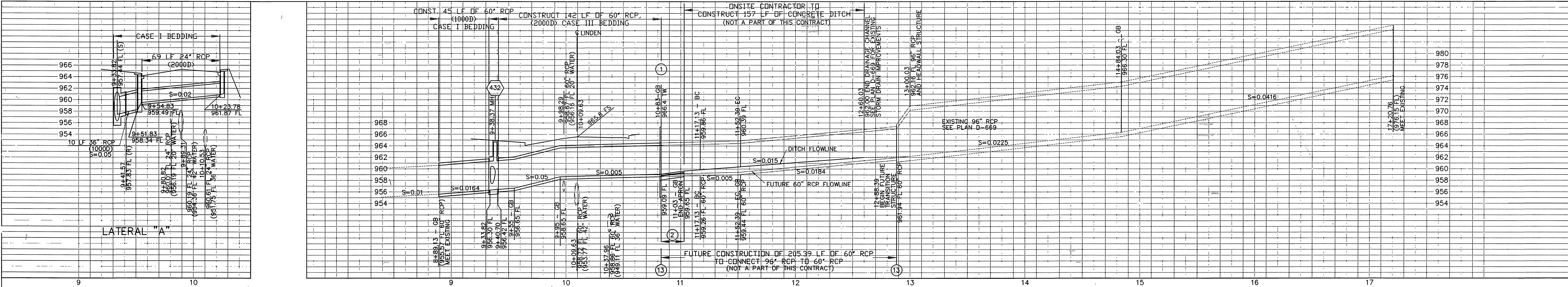
MARK	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE, CALIFORNIA
 PUBLIC WORKS DEPARTMENT

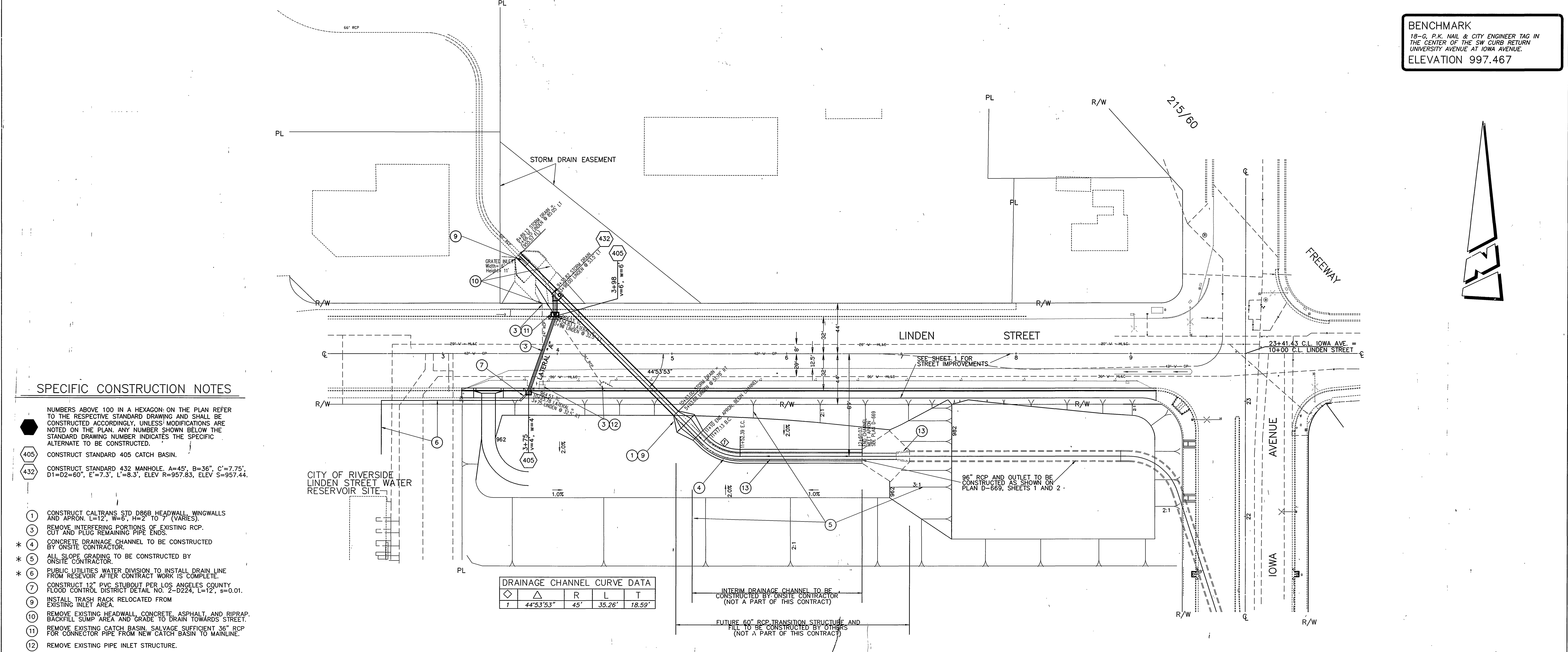
APPROVED BY	BY	DATE	APPROVED BY
DEPUTY P.W. DIRECTOR	<i>[Signature]</i>	7/27/00	R. McElrath
PRINCIPAL ENGINEER	<i>[Signature]</i>	7/27/00	PUBLIC WORKS DIRECTOR
CHIEF P.W. INSPECTOR	<i>[Signature]</i>	7/27/00	
TRAFFIC DIVISION	<i>[Signature]</i>	7/27/00	
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STREET DIVISION	<i>[Signature]</i>	7/27/00	
PARKS DEPARTMENT	<i>[Signature]</i>	7/27/00	

DESIGNED BY DPY DRAWN BY *[Signature]* CHECKED BY *[Signature]* DATE 7-27-2000

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BENCHMARK
 18-G, P.K. NAIL & CITY ENGINEER TAG IN
 THE CENTER OF THE SW CURB RETURN
 UNIVERSITY AVENUE AT IOWA AVENUE.
 ELEVATION 997.467



SPECIFIC CONSTRUCTION NOTES

- NUMBERS ABOVE 100 IN A HEXAGON ON THE PLAN REFER TO THE RESPECTIVE STANDARD DRAWING AND SHALL BE CONSTRUCTED ACCORDINGLY, UNLESS MODIFICATIONS ARE NOTED ON THE PLAN. ANY NUMBER SHOWN BELOW THE STANDARD DRAWING NUMBER INDICATES THE SPECIFIC ALTERNATE TO BE CONSTRUCTED.
- 405 CONSTRUCT STANDARD 405 CATCH BASIN.
- 432 CONSTRUCT STANDARD 432 MANHOLE. A=45', B=36', C=7.75', D1=D2=60", E'=7.3', L'=8.3', ELEV R=957.83, ELEV S=957.44.
- 1 CONSTRUCT CALTRANS STD D86B HEADWALL, WINGWALLS AND APRON. L=12', W=6', H=2' TO 7' (VARIES).
- 3 REMOVE INTERFERING PORTIONS OF EXISTING RCP. CUT AND PLUG REMAINING PIPE ENDS.
- * 4 CONCRETE DRAINAGE CHANNEL TO BE CONSTRUCTED BY ONSITE CONTRACTOR.
- * 5 ALL SLOPE GRADING TO BE CONSTRUCTED BY ONSITE CONTRACTOR.
- * 6 PUBLIC UTILITIES WATER DIVISION TO INSTALL DRAIN LINE FROM RESEVOR AFTER CONTRACT WORK IS COMPLETE.
- 7 CONSTRUCT 12" PVC STUBOUT PER LOS ANGELES COUNTY FLOOD CONTROL DISTRICT DETAIL NO. 2-D224, L=12', S=0.01.
- 9 INSTALL TRASH RACK RELOCATED FROM EXISTING INLET AREA.
- 10 REMOVE EXISTING HEADWALL, CONCRETE, ASPHALT, AND RIPRAP. BACKFILL SUMP AREA AND GRADE TO DRAIN TOWARDS STREET.
- 11 REMOVE EXISTING CATCH BASIN. SALVAGE SUFFICIENT 36" RCP FOR CONNECTOR PIPE FROM NEW CATCH BASIN TO MAINLINE.
- 12 REMOVE EXISTING PIPE INLET STRUCTURE.
- * 13 60" RCP AND TRANSITION STRUCTURE FROM 96" TO 60" AND FILL TO ELEV 972 TO BE CONSTRUCTED BY OTHERS IN THE FUTURE.
- * NOT A PART OF THIS CONTRACT.

DRAINAGE CHANNEL CURVE DATA

Curve	R	L	T
1	44'53"53"	45'	35.26', 18.59'

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 Ronald C. Mueller
 R.C.E. No. 29510 expires 3/31/03
 DATE 7-21-2000



DESIGNED BY DPY DRAWN BY omv CHECKED BY RCP

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY: [Signature] DATE: 7-27-2000
 DEPUTY P.W. DIRECTOR
 PRINCIPAL ENGINEER
 CHIEF P.W. INSPECTOR
 TRAFFIC DIVISION
 SURVEYOR
 STREET DIVISION
 PARKS DEPARTMENT

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LINDEN STREET WIDENING
 FROM IOWA AVENUE TO 700' WESTERLY
STORM DRAIN PLAN

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 SHEET 5 OF 5
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