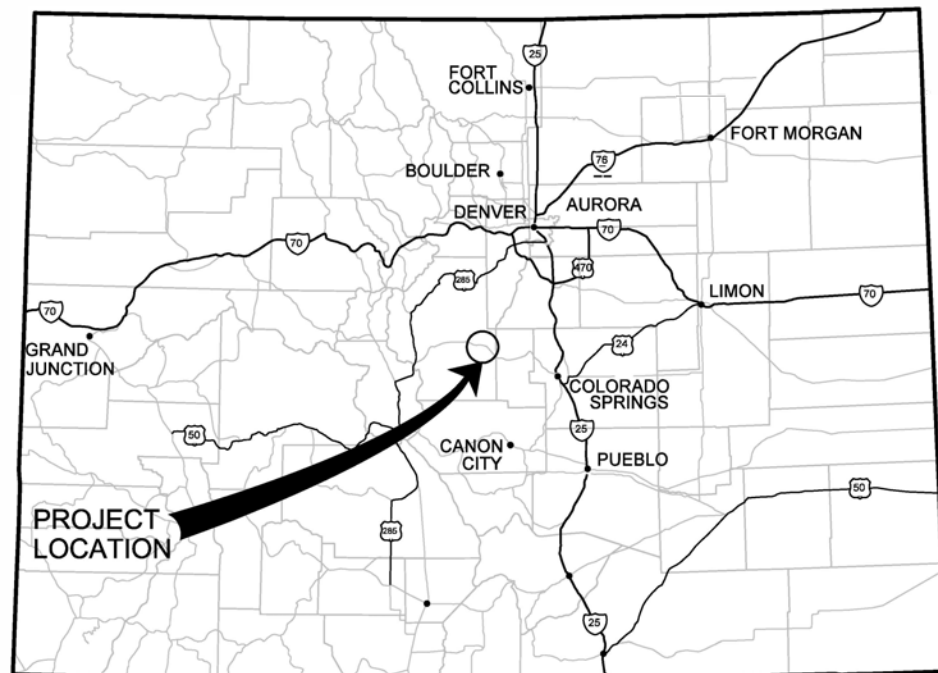
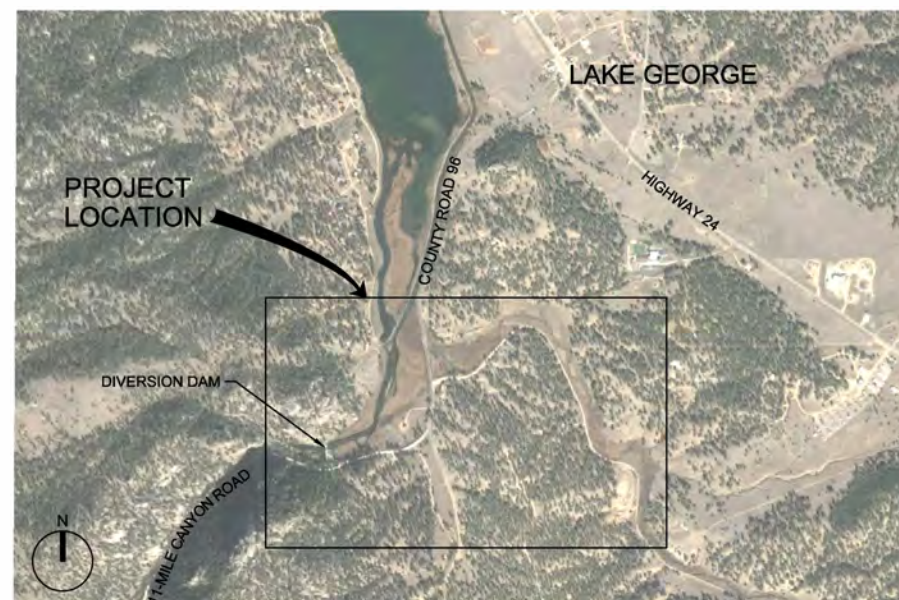


COALITION FOR THE UPPER SOUTH PLATTE 11-MILE CANYON DIVERSION DAM REMOVAL LAKE GEORGE, COLORADO 70% DRAWINGS OCTOBER 2020



**COLORADO
LOCATION MAP**

PROJECT PARTNERS



VICINITY MAP
NTS

SHEET INDEX

SHEET NO	DWG NO	DESCRIPTION
1	G-0001	COVER SHEET AND SHEET INDEX
2	G-0002	ABBREVIATIONS, GENERAL NOTES, AND LEGEND
3	G-0003	PHASING NOTES AND CONTROL TABLES
4	C-2001	SITE OVERVIEW
5	C-2002	KEY MAP
6	C-2003	WATER, EROSION CONTROL, AND SITE ACCESS PHASING PLAN
7	C-2004	WATER, EROSION CONTROL, AND SITE ACCESS PHASING PLAN
8	C-2101	DAM REMOVAL AND DEMOLITION PLAN PHASE 1
9	C-2102	DAM REMOVAL AND DEMOLITION PLAN PHASE 2
10	C-2103	DAM REMOVAL AND DEMOLITION PLAN PHASE 3
11	C-2201	FILL AREAS AND EROSION CONTROL
12	C-2301	PLAN AND PROFILE
13	C-2302	PLAN AND PROFILE
14	C-5001	CIVIL AND EROSION CONTROL DETAILS

ATTACHMENT 1	11-MILE CANYON DIVERSION DAM AS-BUILTS (7 SHEETS)
ATTACHMENT 2	FISHING PIER AS-BUILTS (10 SHEETS)

US FOREST SERVICE SIGNATURE BLOCK

CUSP SIGNATURE BLOCK

JACOBS SIGNATURE BLOCK

OTHER SIGNATURE BLOCK IF NEEDED

PRELIMINARY
NOT FOR
CONSTRUCTION

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JACOBS

11-MILE CANYON DIVERSION DAM REMOVAL
GENERAL
COVER SHEET AND SHEET INDEX

VERIFY SCALE

BAR IS ONE INCH ON
ORIGINAL DRAWING.
0 1"

DATE OCT 2020

PROJ WXXY3000

DWG G-0001

SHEET 1 of 14

GENERAL SITE NOTES:

1. SOURCE OF TOPOGRAPHY SHOWN ON THE CIVIL PLANS IS LIDAR PROVIDED BY COLORADO WATER CONSERVATION BOARD IN 2018. EXISTING CONDITIONS MAY VARY FROM THOSE SHOWN ON THESE PLANS. THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS AND ADJUST WORK PLAN ACCORDINGLY PRIOR TO BEGINNING CONSTRUCTION.
2. EXISTING TOPOGRAPHY, STRUCTURES, AND SITE FEATURES ARE SHOWN SCREENED AND/OR LIGHT-LINED. NEW FINISH GRADE, STRUCTURES, AND SITE FEATURES ARE SHOWN HEAVY-LINED UNLESS INDICATED OTHERWISE ON PLANS.
3. STAGING AREA SHALL BE FOR CONTRACTOR'S EMPLOYEE PARKING, CONTRACTOR'S TRAILERS, PARKING FOR PROJECT PARTNERS, AND ON-SITE STORAGE OF MATERIALS. PROVIDE TEMPORARY FENCING AS NECESSARY TO MAINTAIN SECURITY AT ALL TIMES.
4. ELEVATIONS GIVEN ARE TO FINISH GRADE UNLESS OTHERWISE SHOWN.
5. SLOPE UNIFORMLY BETWEEN CONTOURS AND SPOT ELEVATIONS SHOWN.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR IMPLEMENTING AND MAINTAINING EROSION CONTROL DEVICES DURING CONSTRUCTION.
7. SEDIMENT/DEBRIS EXCAVATED FROM WITHIN THE WORK AREA SHALL BE TRANSPORTED IN WATER TIGHT TRUCKS .
8. MEANS, METHODS, AND DESIGN FOR COFFERDAMS AND OTHER APPROACHES TO CONTROL WATER ARE CONTRACTOR'S RESPONSIBILITY. SEE SPECIFICATIONS. LOCATION AND TYPES OF COFFERDAMS AND WATER CONTROL DEVICES ARE AT THE CONTRACTOR'S DISCRETION. ADDITIONAL, OR ALTERNATIVE COFFERDAMS OR WATER CONTROL DEVICES MAY BE CONSTRUCTED WHERE NEEDED, NOT SHOWN. WHAT IS SHOWN IS CONCEPTUAL AND HAS NOT BEEN DIMENSIONED. CONTRACTOR MAY CONSIDER ALTERNATIVES TO COFFERDAMS, SUCH AS TEMPORARY FILL, BUT CONTRACTOR IS SOLELY RESPONSIBLE TO ENSURE SUCH ALTERNATIVES COMPLY WITH ALL REQUIRED PERMITS AND REGULATIONS INCLUDING THOSE PERTAINING TO TEMPORARY FILL AND TURBIDITY.
9. EXCEPT WHEN OTHERWISE SPECIFIED, DEMOLITION PHASING/SEQUENCING IS AT THE CONTRACTOR'S DISCRETION. FOR EXAMPLE, IT MAY BE POSSIBLE TO ACCESS AND ACCOMPLISH SOME OF THE PHASE II DEMOLITION FROM WITHIN THE LIMITS OF PHASE I PLATFORMS.
10. ALL TREES SHALL BE PROTECTED UNLESS SPECIFICALLY IDENTIFIED TO BE REMOVED. AT A MINIMUM, TREE PROTECTION FENCING SHALL BE INSTALLED AS SHOWN. DAMAGED TREES SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.

ABBREVIATIONS

ADDL	ADDITIONAL	NAVD	NORTH AMERICAN VERTICAL DATUM
ADJ	ADJACENT	NGVD	NATIONAL GEODETIC VERTICAL DATUM
AGGR	AGGREGATE	NO. , #	NUMBER
APVD	APPROVED	NTS	NOT TO SCALE
AVG	AVERAGE	OC	ON CENTER
@	AT	PL	PROPERTY LINE
BMP(S)	BEST MANAGEMENT PRACTICE(S)	POB	POINT OF BEGIN
CDPHE	COLORADO DEPARTMENT OF PUBLIC HEALTH	POE	POINT OF END
	AND ENVIRONMENT	PROP	PROPERTY
	CUBIC FEET PER SECOND	PVI	POINT OF VERTICAL INTERSECTION
CFS	CENTERLINE	R OR RAD	RADIUS
CL	CORRUGATED METAL PIPE	RCP	REINFORCED CONCRETE PIPE
CMP	CONCRETE	REC	RECORDED
CONC	CONTINUED, CONTINOUS, CONTINUATION	REF	REFER OR REFERENCE
CONT	COORDINATE	REINF	REINFORCED, REINFORCING, REINFORCE
COORD	CROSS SECTION	REQD	REQUIRED
CS	COLORADO PARKS AND WILDLIFE	SED	SEDIMENTATION
CPW	CENTER	SPEC, SPECS	SPECIFICATIONS
CTR	CUBIC FOOT	SF, SQ FT	SQUARE FOOT, FEET
CF, CU FT	CUBIC YARD	SI, SQ IN	SQUARE INCH
CY, CU YD	DIAMETER	SY, SQ YD	SQUARE YARD
DIA	DETAIL	ST	STORM DRAIN
DT	DRAWING	STA	STATION
DWG	EACH	STD	STANDARD
EA	EXAMPLE	SWMP	STORMWATER MANAGEMENT PLAN
EG	ELEVATION, EASEMENT LINE	TCE	TEMPORARY CONSTRUCTION EASEMENT
EL	EROSION AND SEDIMENT CONTROL	TPZ	TREE PROTECTION ZONE
ESC	EXISTING	TYP	TYPICAL
EXST, EXIST	FIGURE	VEL	VELOCITY
FIG	FINISH GRADE	VERT	VERTICAL
FG	FLOW LINE	W/	WITH
FL	FOOT OR FEET	WS	WATER SURFACE
FT	FEDERAL HIGHWAY ADMINISTRATION		
FHWA	FEET PER SECOND		
FPS	GROUND		
G, GND	GRADING, EROSION, AND SEDIMENT CONTROL		
GESC	GLOBAL POSITIONING SYSTEM		
GPS	HORIZONTAL		
HORIZ	INVERT ELEVATION		
INV EL	INCH		
IN	INVERT		
INV, INVT	INLET PROTECTION		
IP	LENGTH		
L	POUND		
LB	LINEAR FEET		
LF	MAXIMUM		
MAX	MANHOLE		
MH	MINIMUM		
MIN	MISCELLANEOUS		
MISC	MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES		
MUTCD	FOR STREETS AND HIGHWAYS		

PLACEHOLDER FOR
SEED MIX TABLES

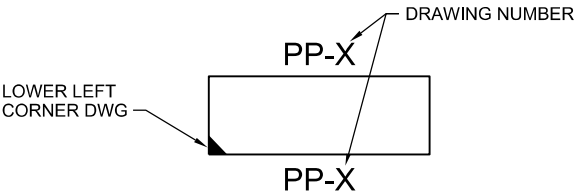
CIVIL LEGEND

EXISTING	THIS CONTRACT	
		CENTER LINE, BUILDING, ROAD, ETC.
		CHANNEL STATIONING AND CENTERLINE
		CONTOUR LINE
		CULVERT
		DEMOLITION
		DRAINAGE WAY OR DITCH
		EMBANKMENT AND SLOPE
		FENCE LINE
		FENCE- POST AND CABLE
		COFFERDAM
		WATER CONTROL FLOW PATH
		SEDIMENT CONTROL LOG
		LIMITS OF GRADING
		OVERHEAD POWERLINE
		EASEMENT LINE
		PROPERTY LINE
		LIMITS OF CONSTRUCTION
		TEMPORARY CONSTRUCTION EASEMENT
		BENCH MARK
		BOULDERS
		BRUSH/TREE LINE
		CATCH BASIN OR INLET
		ELECTRIC OVERHEAD POWER POLE
		ELECTRIC TRANSFORMER
		FENCE POST OR GUARD POST
		MANHOLE
		STRUCTURE, BUILDING OR FACILITY
		SPOT ELEVATION
		SURVEY CONTROL POINT OR POINT OF INTERSECTION
		UTILITY POLE
		TREES/ BUSHES
		WATER
		ACCESS ROAD
		EXISTING WETLANDS
		TOP SOIL
		SOIL RIPRAP
		RIPARIAN SEED MIX AREA
		SALVAGED WETLAND MATERIAL
		STABILIZED STAGING AREA

SECTION / DETAIL DESIGNATIONS

SECTION (LETTER) OR DETAIL (NUMERAL) DESIGNATION	ON DRAWING WHERE SECTION OR DETAIL IS TAKEN:
TITLE	ON DRAWING WHERE ONLY A TITLE IS REQUIRED WITH NO REFERENCE (EG: ELEVATIONS)
	SECTION CALLOUT WHERE SECTION IS ON THE SAME SHEET AND CUT EXTENDS TO A FIXED LIMIT
	SECTION CALLOUT WHERE SECTION IS ON ANOTHER SHEET AND CUT EXTENDS THROUGHOUT ENTIRE SHEET
	KEYNOTE NUMBER
	REVISION / ADDENDA NUMBER
	NORTH ARROW

SHEET LIMITS KEY



PRELIMINARY
NOT FOR
CONSTRUCTION

JACOBS
11-MILE CANYON DIVERSION DAM REMOVAL
GENERAL
ABBREVIATIONS,
GENERAL NOTES, AND LEGEND

VERIFY SCALE

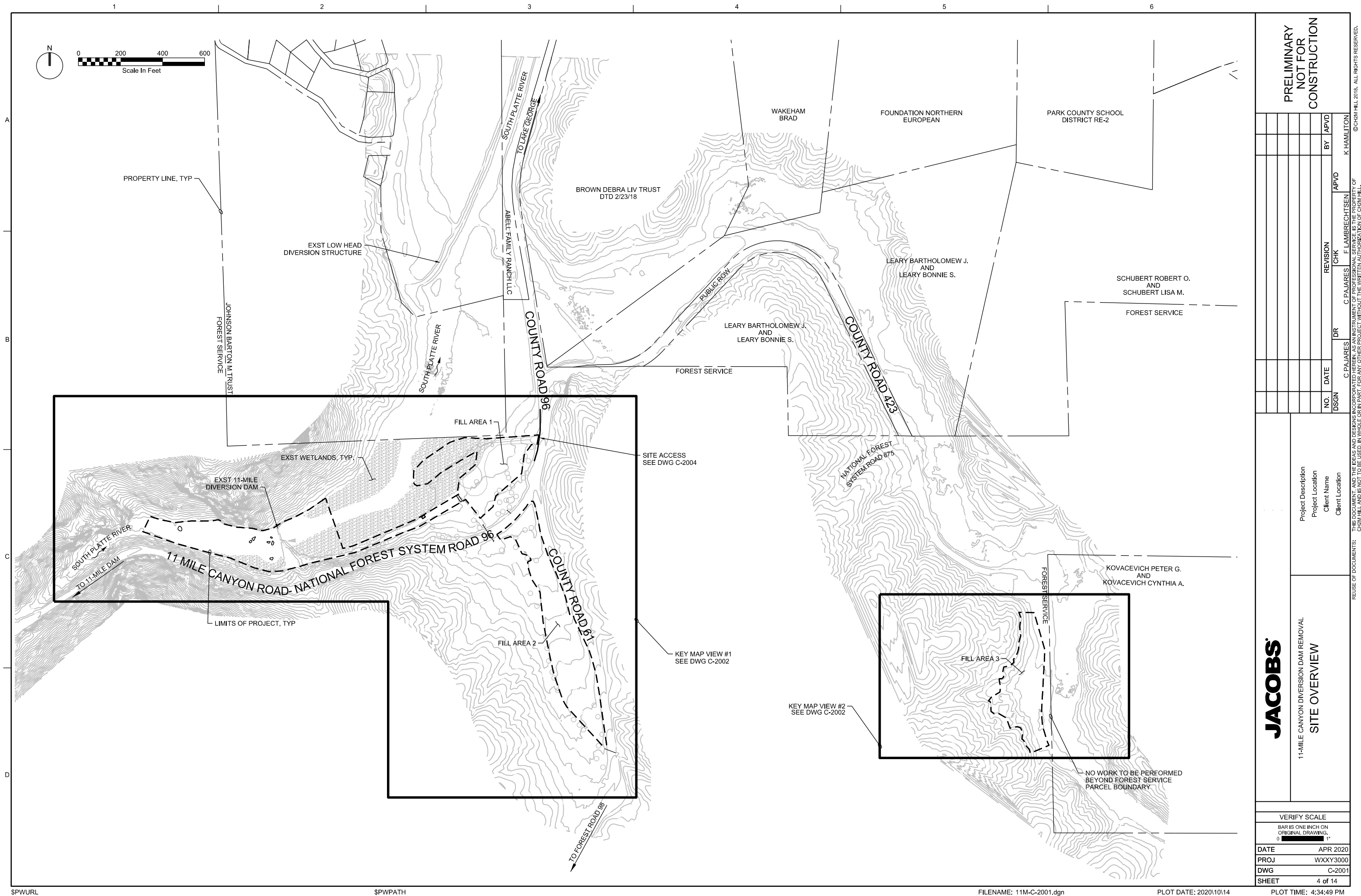
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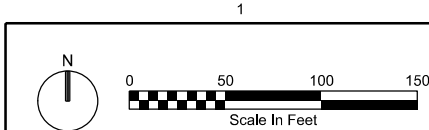
DATE OCT 2020

PROJ WXXY3000

DWG G-0002

SHEET 2 of 14





PRELIMINARY
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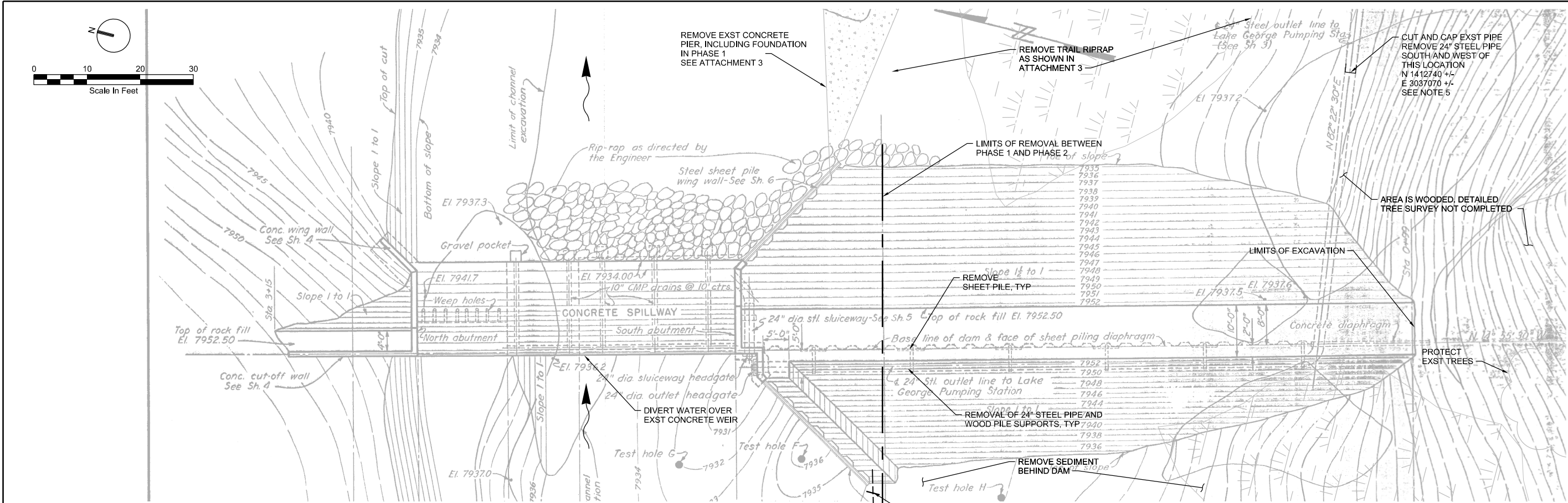
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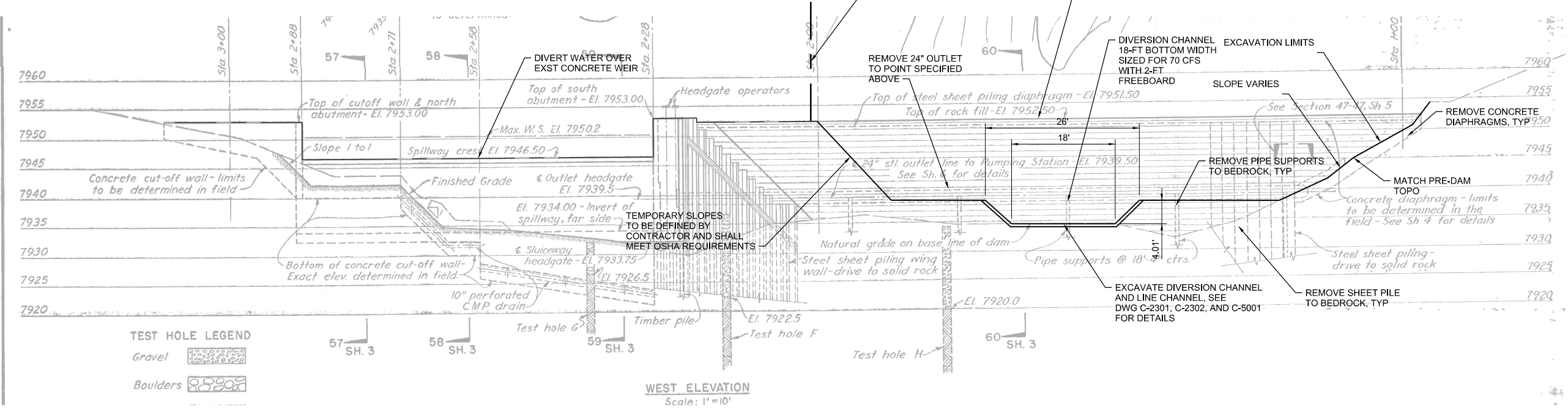
JACOBS

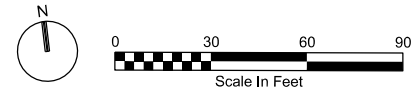
11-MILE CANYON DIVERSION DAM REMOVAL WATER, EROSION CONTROL, AND SITE ACCESS PHASING PLAN

VERIFY SCALE BAR IS ONE INCH ON ORIGINAL DRAWING. 0  1"	
DATE	OCT 2020
PROJ	WXXY3000
DWG	C-2004
SHEET	7 of 14

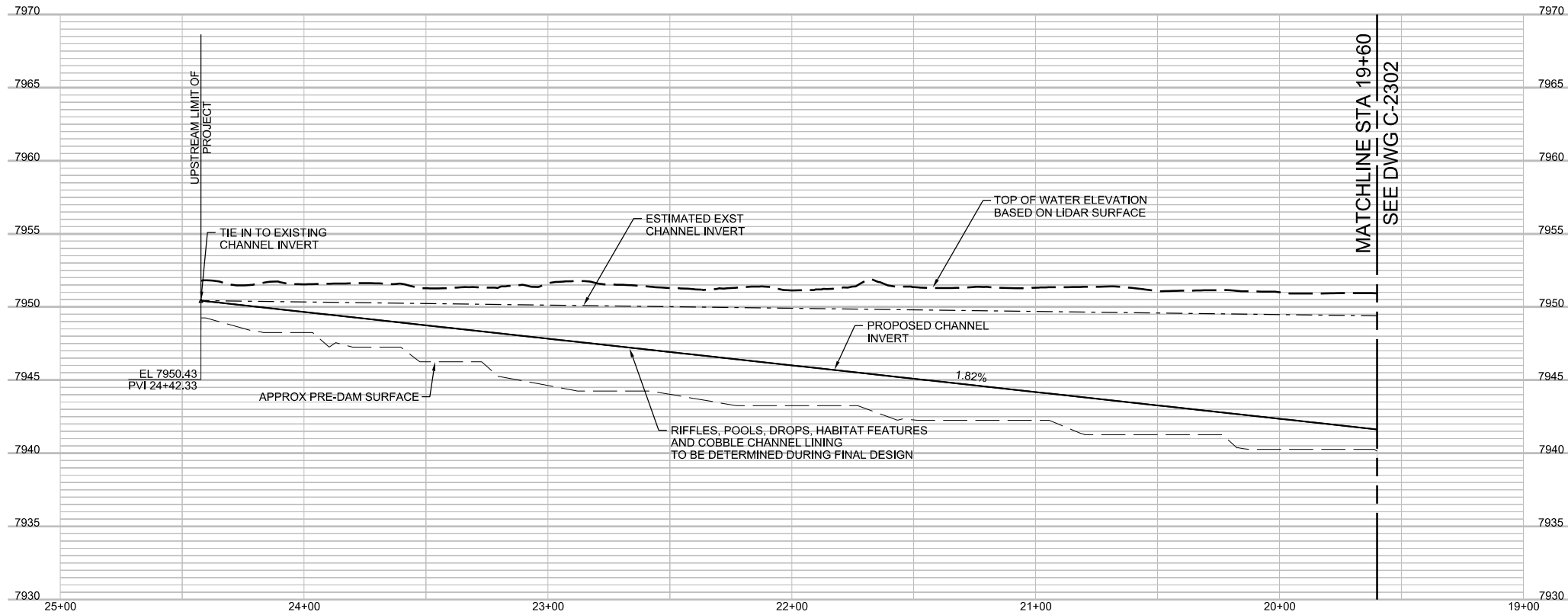
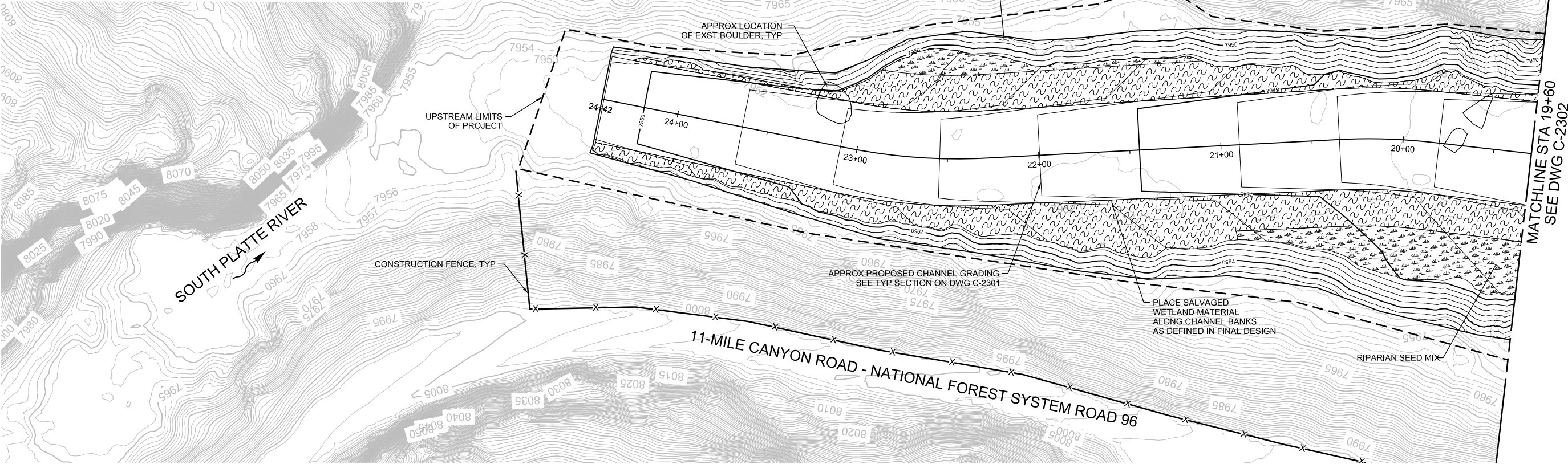


- NOTES:
1. DAM RECORD DRAWINGS PLAN AND SECTION SHOWN TO ASSIST IN UNDERSTANDING EXST CONDITIONS. SCREENED BACK FOR CLARITY. SEE ATTACHMENT 2 FOR DWGS. EXISTING CONDITIONS MAY DIFFER FROM THAT SHOWN. FIELD VERIFY AND IMMEDIATELY REPORT DISCREPANCIES TO THE ENGINEER.
 2. CONTRACTOR TO SUBMIT PHASING PLAN. FINAL APPROVAL FROM OWNER, ENGINEER, AND FOREST SERVICE REQUIRED.
 3. THIS DWG IS FOR INFORMATION ONLY. FOR PROPOSED GRADE AND DESIGN OF THE RIVER AFTER DEMOLITION SEE C-2301 AND C-2302 DWGS, IN ADDITION TO DRAWINGS PROVIDED IN ATTACHMENT 1.
 4. SEE SPECIFICATIONS FOR PIPE CAP REQUIREMENTS. CONTRACTOR SHALL SUBMIT A PIPE CAP APPROACH AND DRAWINGS TO BE IN COMPLIANCE WITH COLORADO SPRINGS UTILITIES' PLUGGING SPECIFICATIONS AND SHALL BE REVIEWED AND APPROVED BY COLORADO SPRINGS UTILITIES PRIOR TO PERFORMING THE ASSOCIATED WORK.
 5. CONTRACTOR SHALL REMOVE TREES FOR ACCESS ROAD. TREE TRUNK AND ROOTWAD SHALL BE SALVAGED AND USED FOR CHANNEL HABITAT PER THE SPECIFICATIONS.
 6. DEMO ABUTMENT, RETAINING WALL, AND ALL OTHER EXST DAM FEATURES TO BEDROCK, BACKFILL, AND RESTORE PER DWG C-2301 AND C-2302.





- NOTES:
1. ALL DISTURBED AREAS SHALL BE RESEEDED WITH THE SEED MIX ON DWG G-0002.
 2. PRIOR TO SEEDING, TOPSOIL SHALL BE CONDITIONED BY THE CONTRACTOR FOLLOWING SECTIONS 207 AND 212 (AND SUBSEQUENT REVISIONS) OF CDOT'S STANDARD SPECIFICATIONS.



PRELIMINARY
NOT FOR
CONSTRUCTION

NO. DATE

REVISION

CHK

APVD

BY

APVD

DR

C PAJARES

F LAMBRECHTSEN

K HAMILTON

JACOBS

11-MILE CANYON DIVERSION DAM REMOVAL
PLAN AND PROFILE

VERIFY SCALE

BAR IS ONE INCH ON
ORIGINAL DRAWING, 1"

DATE OCT 2020

PROJ WXXY3000

DWG C-2301

SHEET 12 of 14

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\$PWURL

\$PWPATH

FILENAME: 11M-C-2301.dgn

PLOT DATE: 2020/10/14

PLOT TIME: 4:10:41 PM

ATTACHMENT 1

11-MILE CANYON DIVERSION DAM AS-BUILTS (7 SHEETS)

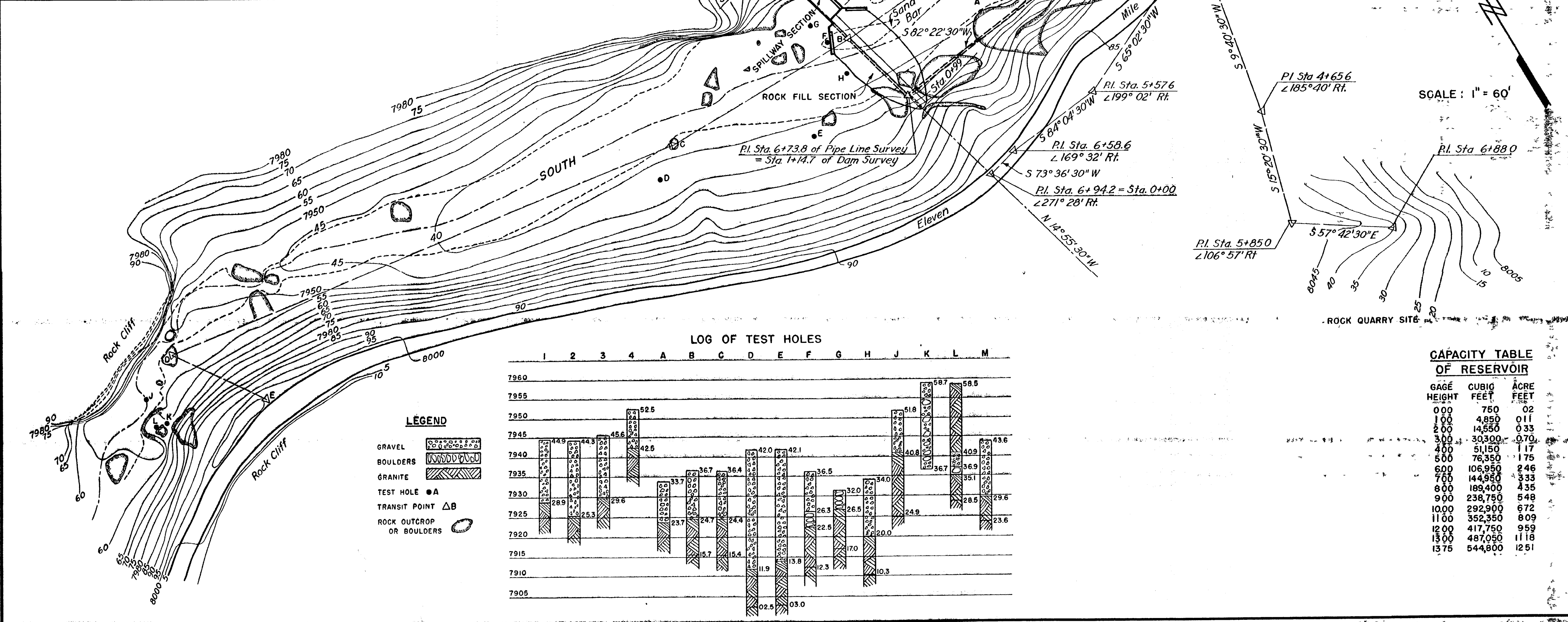
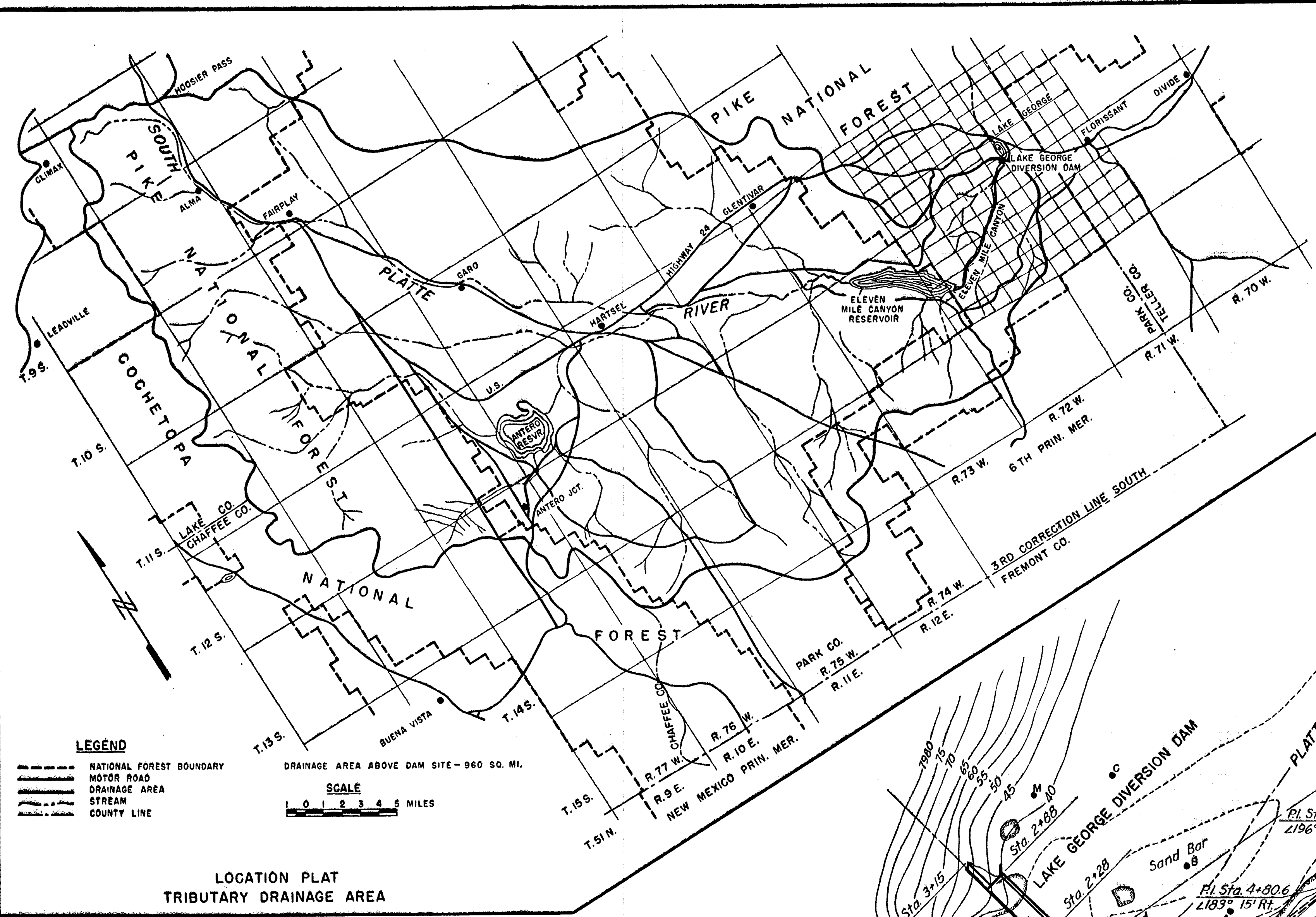
FOR INFORMATION ONLY, SITE CONDITIONS MAY VARY

**PLANS FOR
WATER SUPPLY DEVELOPMENT
COLORADO SPRINGS, COLORADO**

CONTRACT NO. 5

LAKE GEORGE DIVERSION DAM

**BLACK & VEATCH
CONSULTING ENGINEERS
KANSAS CITY, MO.
1952**



LOG OF TEST HOLES

	1	2	3	4	A	B	C	D	E	F	G	H	J	K	L	M
7960																
7955																
7950																
7945	44.9	44.3	45.6	52.5	42.5								58.7	58.5		
7940	28.9	25.3	29.6	26.7	36.4	42.0	42.1	36.5	34.0	40.8	36.7	36.9	40.9	43.6		
7935																
7930																
7925																
7920																
7915																
7910																
7905																

CAPACITY TABLE OF RESERVOIR

GAGE HEIGHT	CUBIC FEET	ACRE FEET
000	760	02
100	4,850	011
200	14,550	033
300	30,300	070
400	51,150	117
500	76,350	175
600	106,950	246
700	144,950	333
800	189,400	435
900	236,750	549
1000	292,900	672
1100	352,350	809
1200	417,750	959
1300	487,050	1118
1375	544,800	1251

I HEREBY CERTIFY THAT THESE PLANS FOR THE CONSTRUCTION OF THE LAKE GEORGE DIVERSION DAM WERE PREPARED UNDER MY DIRECT SUPERVISION FOR THE OWNERS THEREOF.

W. J. Dantley
REGISTERED ENGINEER

SUBSCRIBED AND SWORN TO BEFORE ME THIS 2nd DAY OF JULY 1952.

Don Davis
(NOTARY PUBLIC)

MY COMMISSION EXPIRES ON THE 12th DAY OF January 1953.

THESE PLANS FOR THE CONSTRUCTION OF THE LAKE GEORGE DIVERSION DAM ARE HEREBY APPROVED AND ACCEPTED BY THE CITY OF COLORADO SPRINGS, COLORADO (OWNER).

G. Harry Blust
MAYOR

APPROVED ON THE 30th DAY OF July 1952.

W. L. Humphrey
STATE ENGINEER

FILE NO. _____ DEPUTY

LAKE GEORGE DIVERSION DAM
IRRIGATION DIVISION NO. 17 WATER DISTRICT NO. 23
PARK COUNTY

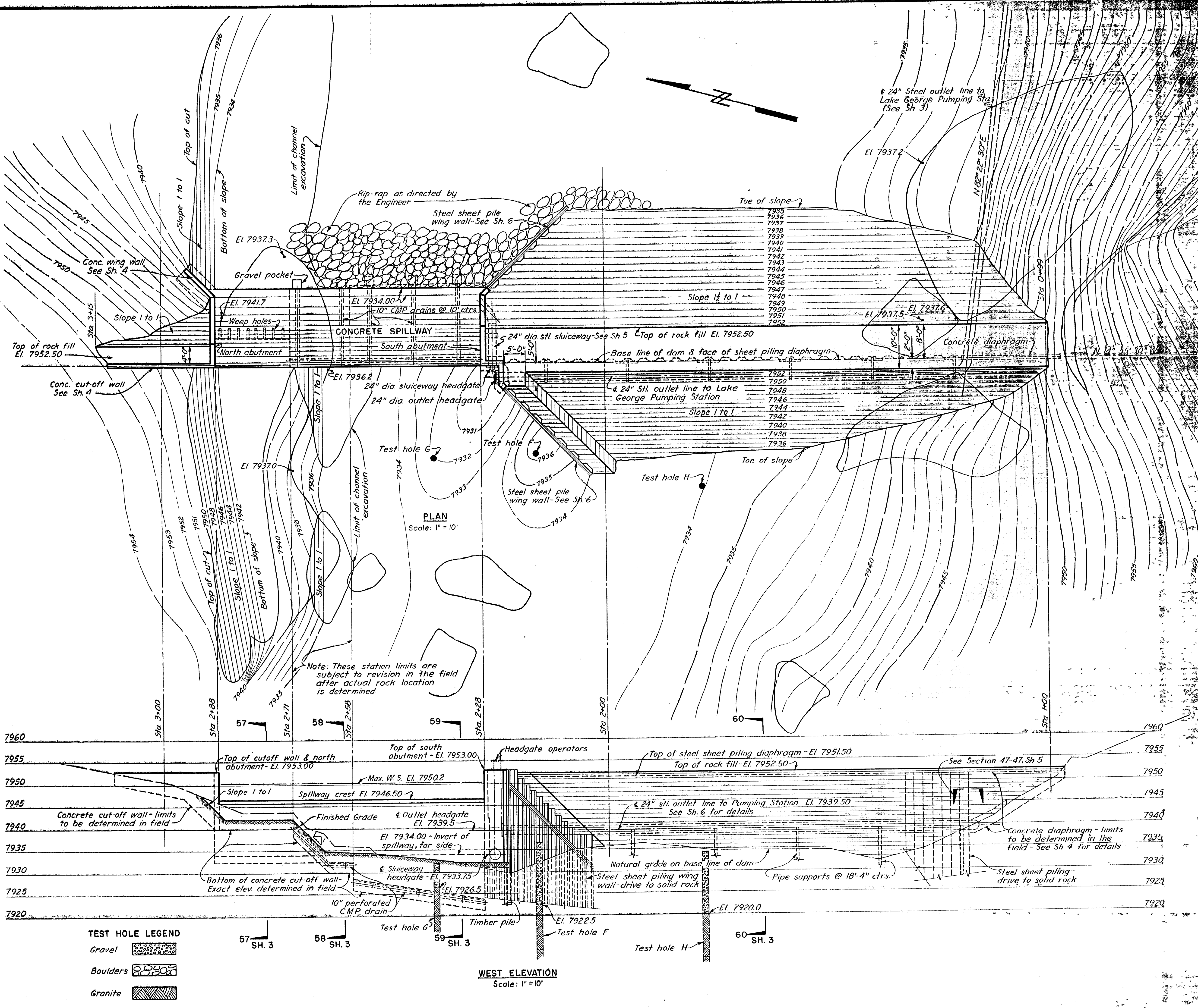
COLORADO SPRINGS, COLORADO
WATER SUPPLY DEVELOPMENT

LOCATION PLAT & GENERAL LAYOUT

BLACK & VEATCH
CONSULTING ENGINEERS - KANSAS CITY, MO.

DESIGNED BY *DPV* CHECKED BY *W. L. Humphrey*
DETAILED BY *MM* APPROVED BY *W. L. Humphrey*
TRACED BY *RH* DATE *7-2-52*

C-617



Note: Shaded areas indicate boulders or rock outcrop.
Broken lines indicate natural contours.
Solid lines indicate finished grades.

CAPACITY OF SPILLWAY

DEPTH IN FEET	CUBIC FEET PER SECOND
10	240
20	679
30	1,247
40	1,700

I HEREBY CERTIFY THAT THESE PLANS FOR THE CONSTRUCTION OF THE LAKE GEORGE DIVERSION DAM WERE PREPARED UNDER MY DIRECT SUPERVISION FOR THE OWNERS' INTEREST THEREOF.

M. T. Veatch
(REGISTERED ENGINEER)

SUBSCRIBED AND SWORN TO BEFORE ME THIS 2 DAY OF JULY, 1932.

James H. [Signature]
(NOTARY PUBLIC)

MY COMMISSION EXPIRES ON THE 12 DAY OF [Month] 1933.

THESE PLANS FOR THE CONSTRUCTION OF THE LAKE GEORGE DIVERSION DAM ARE HEREBY APPROVED AND ACCEPTED BY THE CITY OF COLORADO SPRINGS, COLORADO (OWNER).

Harry [Signature]
MAYOR

APPROVED ON THE 30 DAY OF JULY, 1932.

M. B. [Signature]
STATE ENGINEER

FILE NO. _____

LAKE GEORGE DIVERSION DAM
IRRIGATION DIVISION NO. 15 - WATER DISTRICT NO. 23
PARK COUNTY

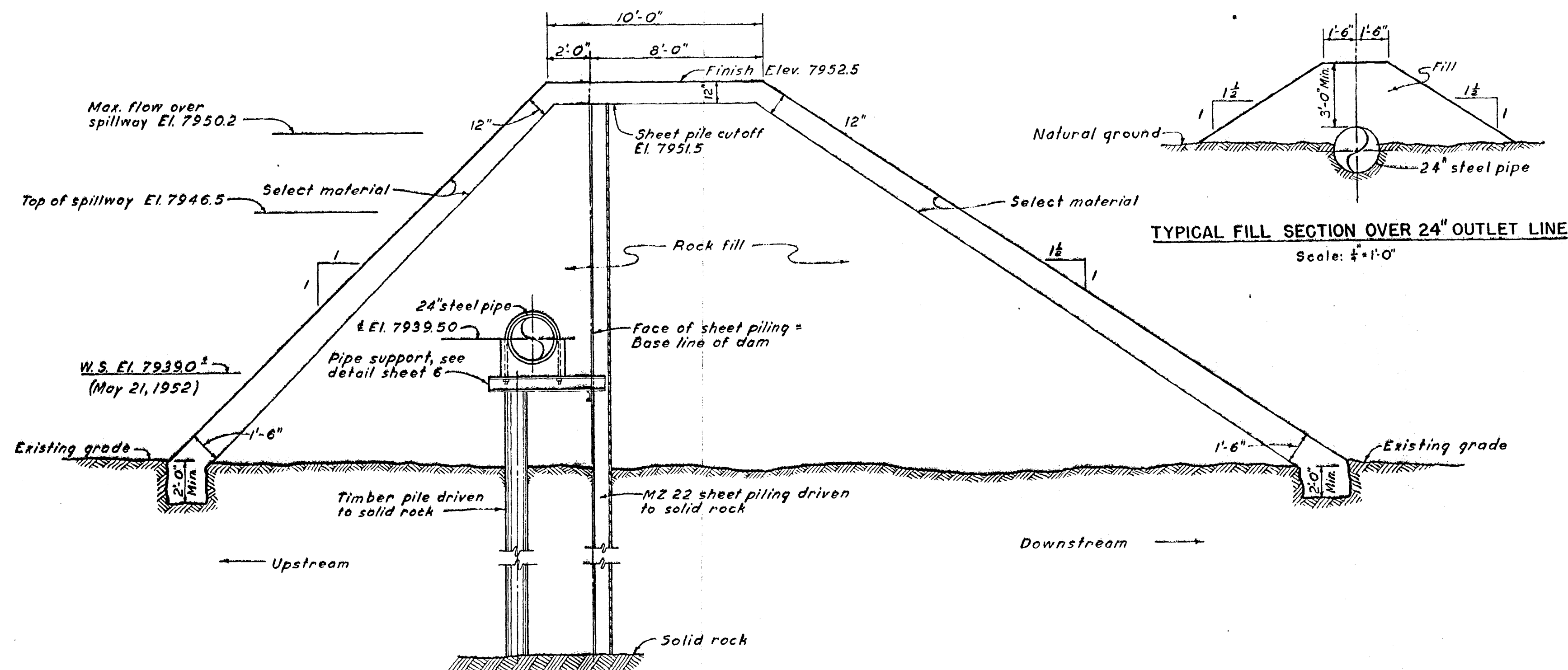
COLORADO SPRINGS, COLORADO
WATER SUPPLY DEVELOPMENT

PLAN 8 ELEVATION

BLACK & VEATCH
CONSULTING ENGINEERS, KANSAS CITY, MO.

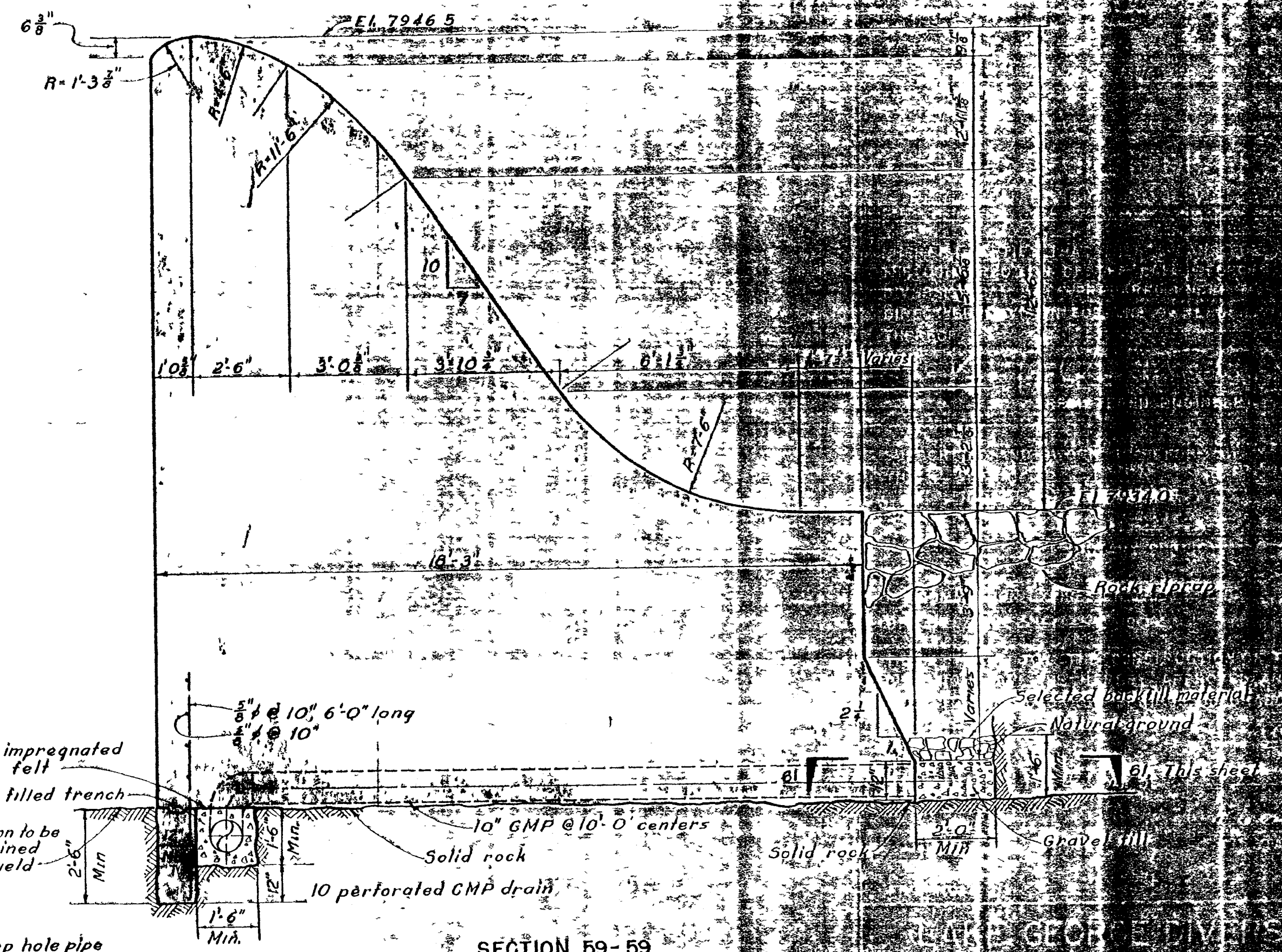
DESIGNED: DDP
CHECKED: J.M.M.
TRADED: RHP
DATE: 1-2-32

C-617

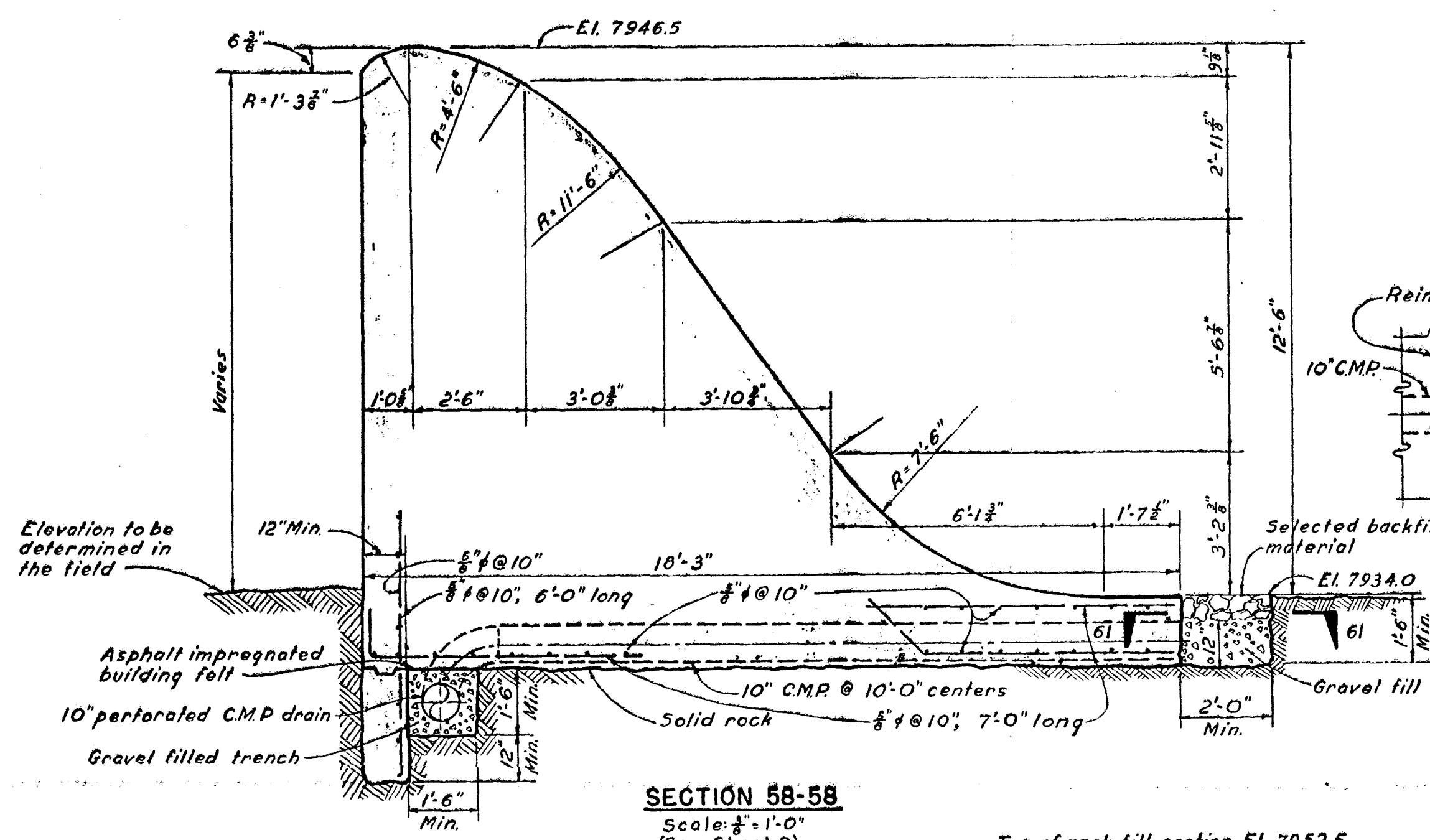


SECTION 60-60
Scale: $\frac{1}{4}$ " = 1'-0"
(See Sheet 2)

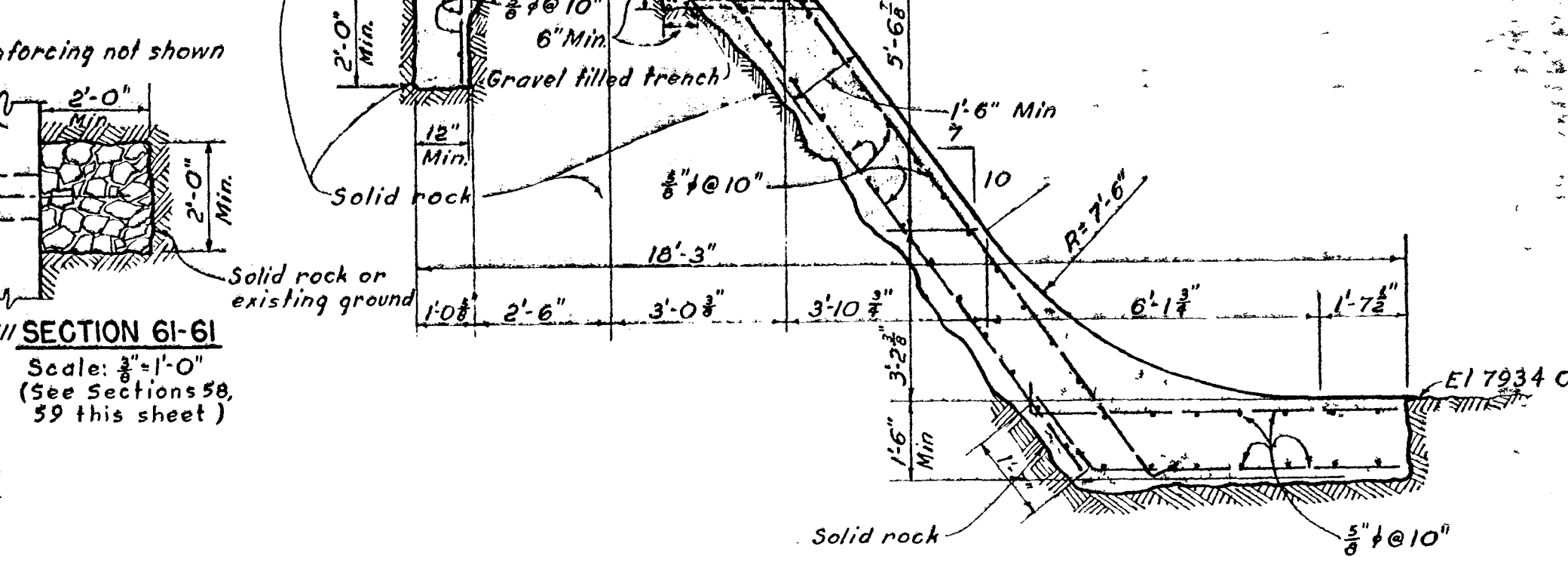
TYPICAL FILL SECTION OVER 24" OUTLET LINE
Scale: $\frac{1}{4}$ " = 1'-0"



SECTION 59-59
Scale: $\frac{1}{4}$ " = 1'-0"
(See Sheet 2)

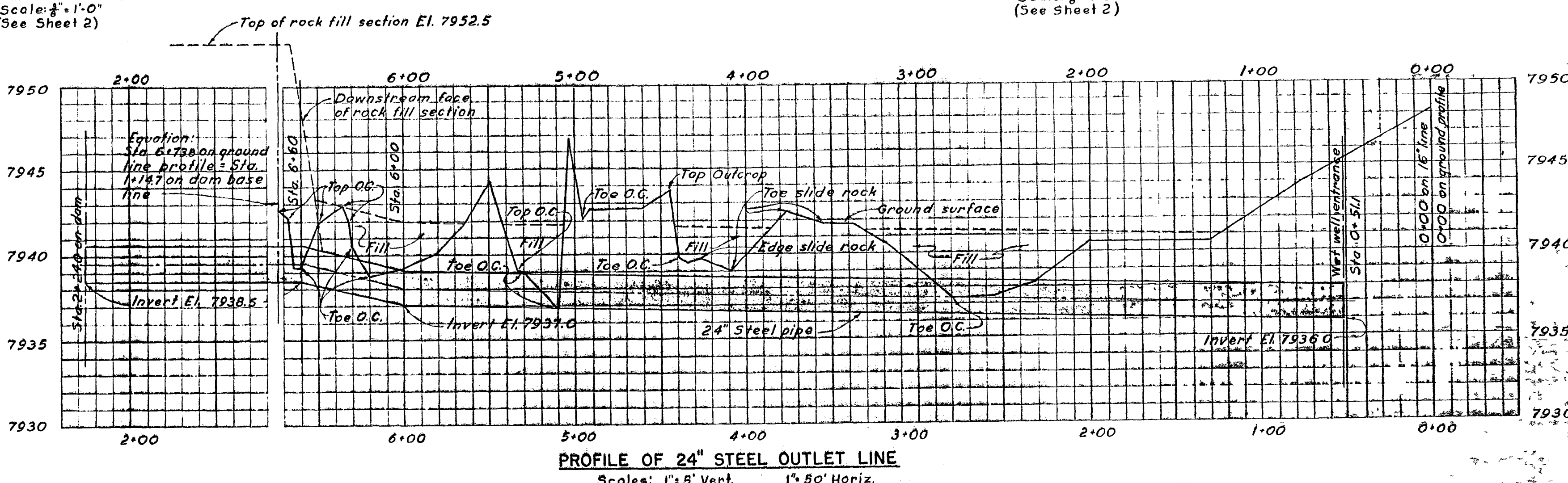


SECTION 58-58
Scale: $\frac{1}{4}$ " = 1'-0"
(See Sheet 2)



SECTION 61-61
Scale: $\frac{1}{4}$ " = 1'-0"
(See Sections 58, 59 this sheet)

SECTION 57-57
Scale: $\frac{1}{4}$ " = 1'-0"
(See Sheet 2)



THESE PLANS FOR THE CONSTRUCTION OF THE LAKE GEORGE DIVERSION DAM WERE PREPARED UNDER MY DIRECT SUPERVISION FOR THE OWNERS THEREOF.

N. P. DeWitt
(REGISTERED ENGINEER)

SUBSCRIBED AND SWORN TO BEFORE ME THIS 21 DAY OF JULY 1952.

W. H. Miller
(NOTARY PUBLIC)

MY COMMISSION EXPIRES ON THE 12 DAY OF JULY 1954.

THESE PLANS FOR THE CONSTRUCTION OF THE LAKE GEORGE DIVERSION DAM ARE HEREBY APPROVED AND ACCEPTED.

THE CITY OF COLORADO SPRINGS, COLORADO (OWNER)

W. H. Miller
MAYOR

APPROVED ON THE 30 DAY OF JULY 1952.

W. H. Miller
STATE ENGINEER

FILE NO. _____ DEPUTY _____

LAKE GEORGE DIVERSION DAM
IRRIGATION DIVISION NO. 11 WATER DISTRICT NO. 23
PARK COUNTY

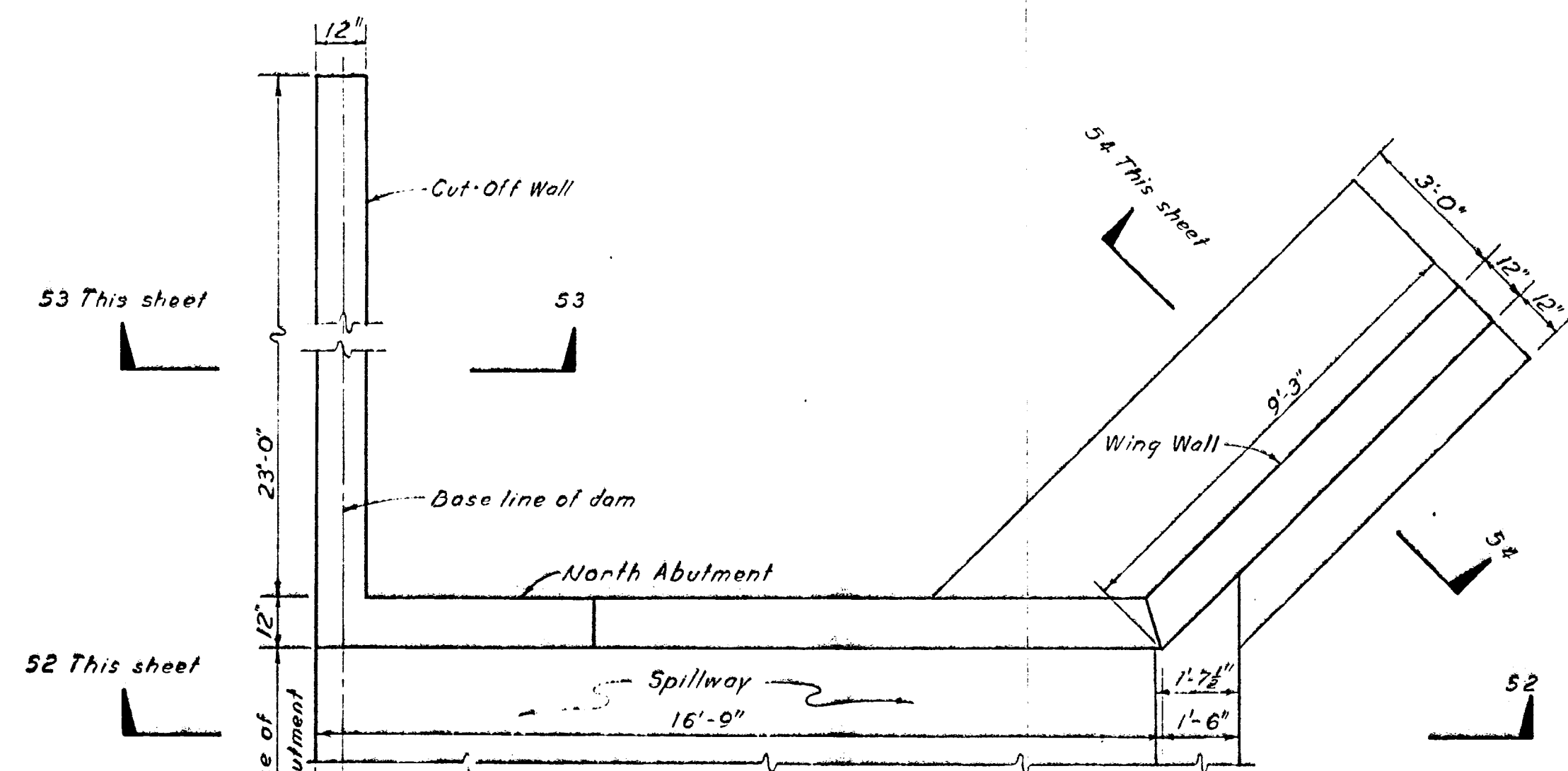
COLORADO SPRINGS, COLORADO
WATER SUPPLY DEVELOPMENT

TYPICAL DAM SECTIONS

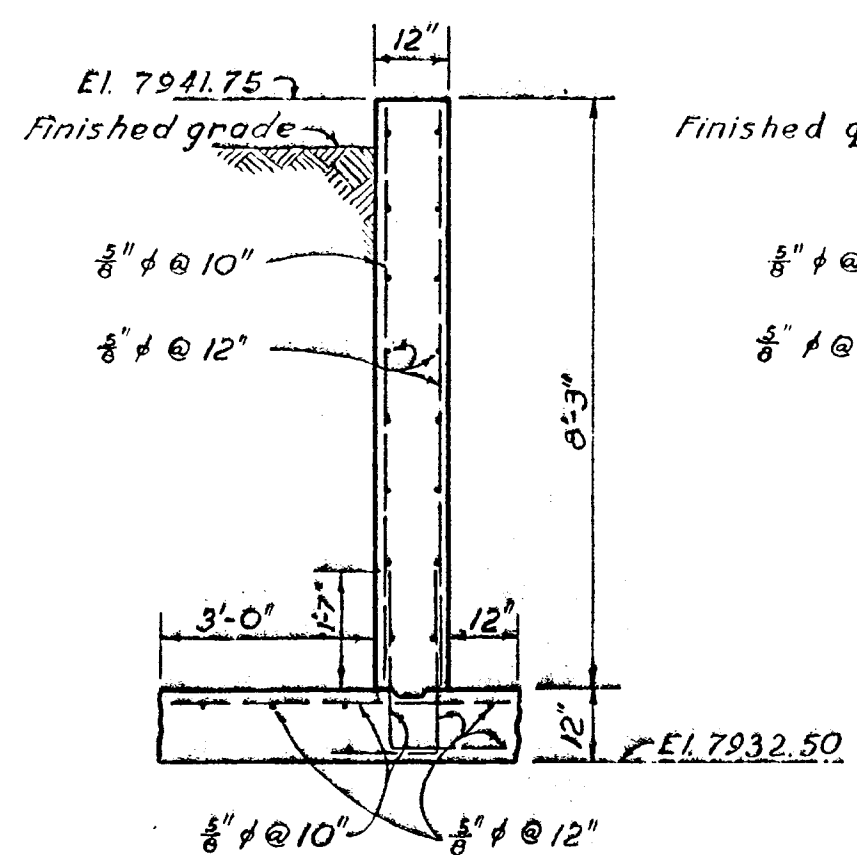
BLACK & VEATCH
CONSULTING ENGINEERS, KANSAS CITY, MO.

DESIGNED BY: J. W. L. CHECKED BY: J. W. L. DRAWN BY: J. W. L. APPROVED BY: J. W. L. TRACED BY: J. W. L.

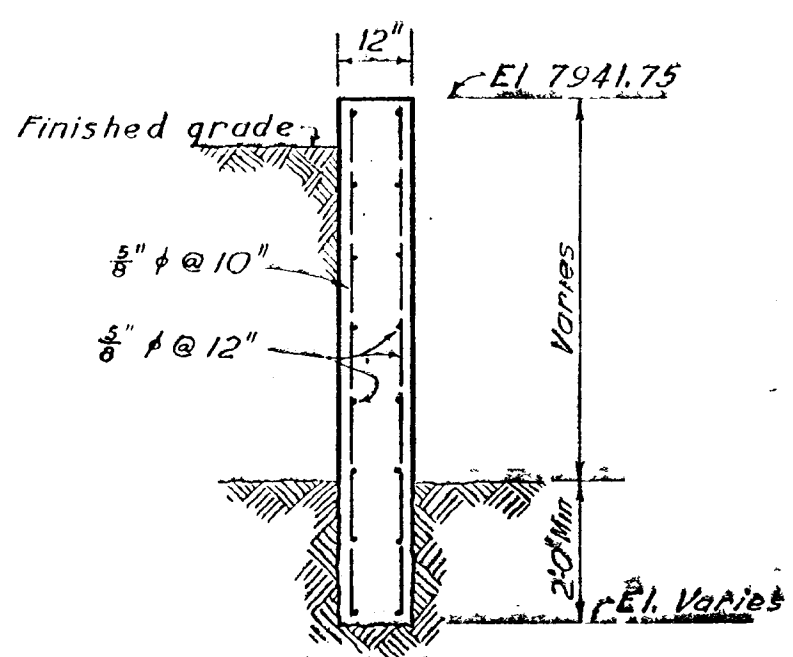
0-617



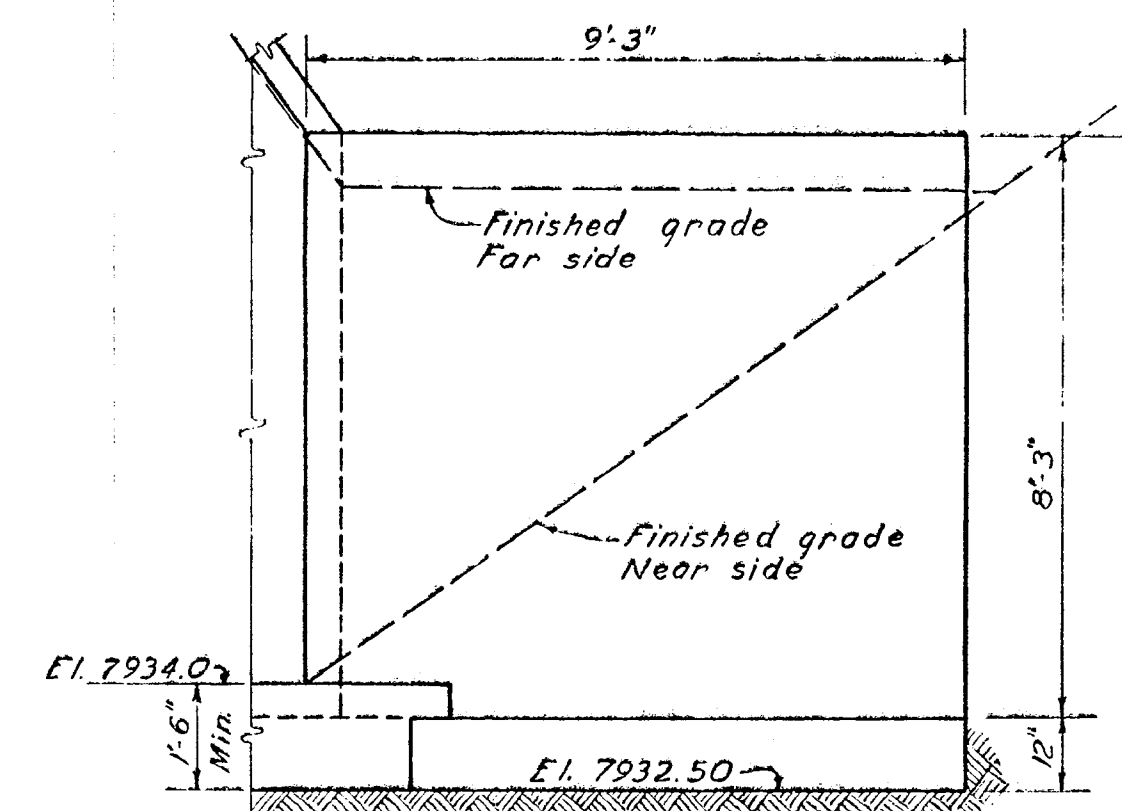
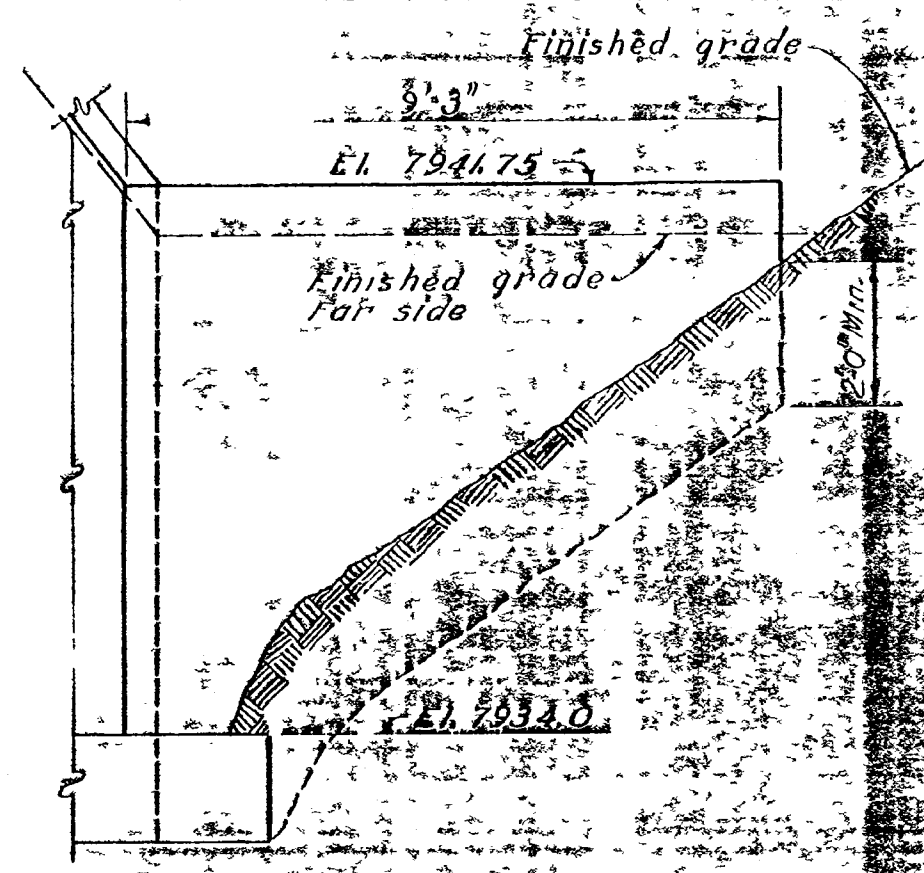
PLAN
Scale $\frac{1}{8}'' = 1'-0''$



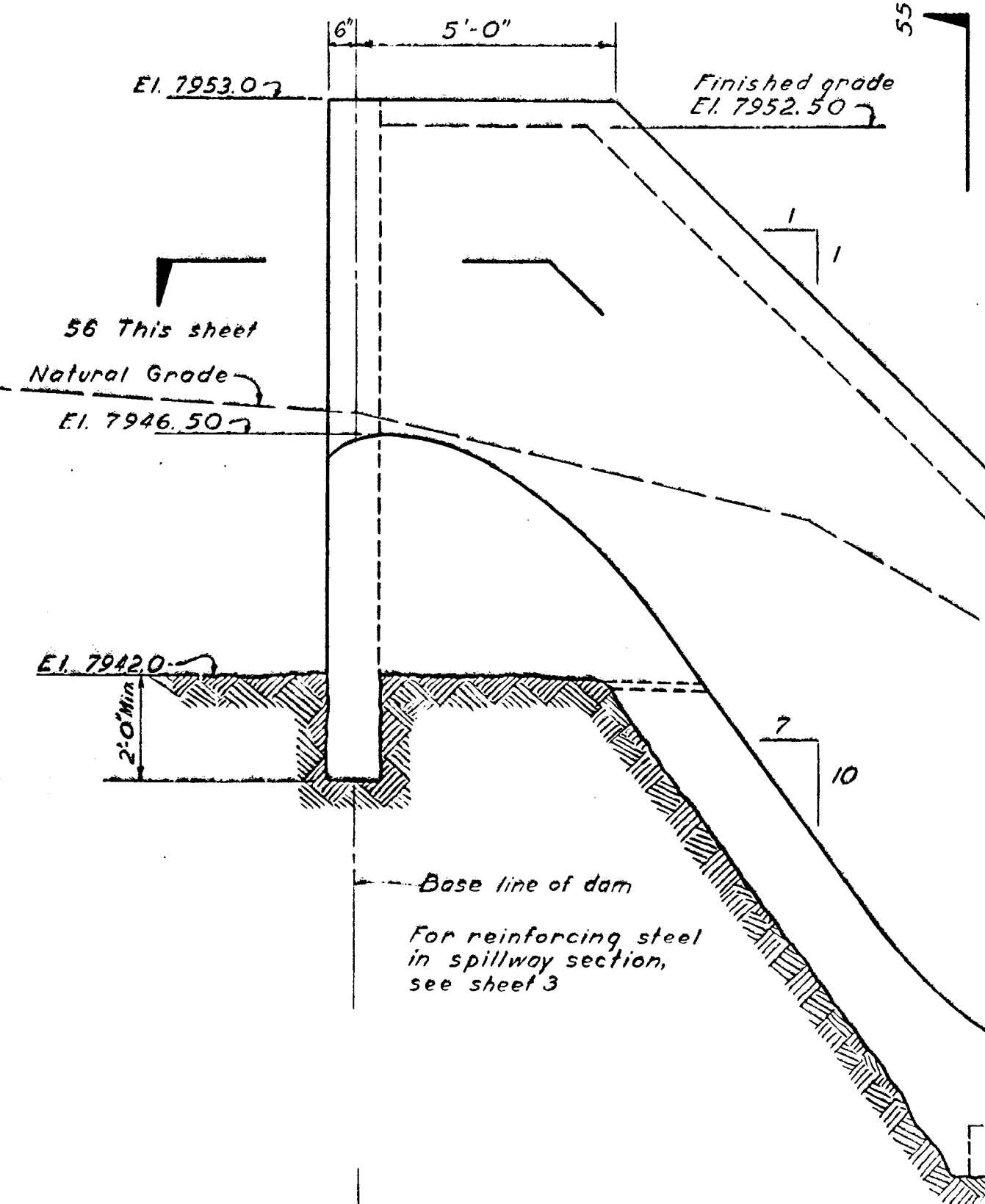
SECTION 54-54
Scale $\frac{1}{8}'' = 1'-0''$



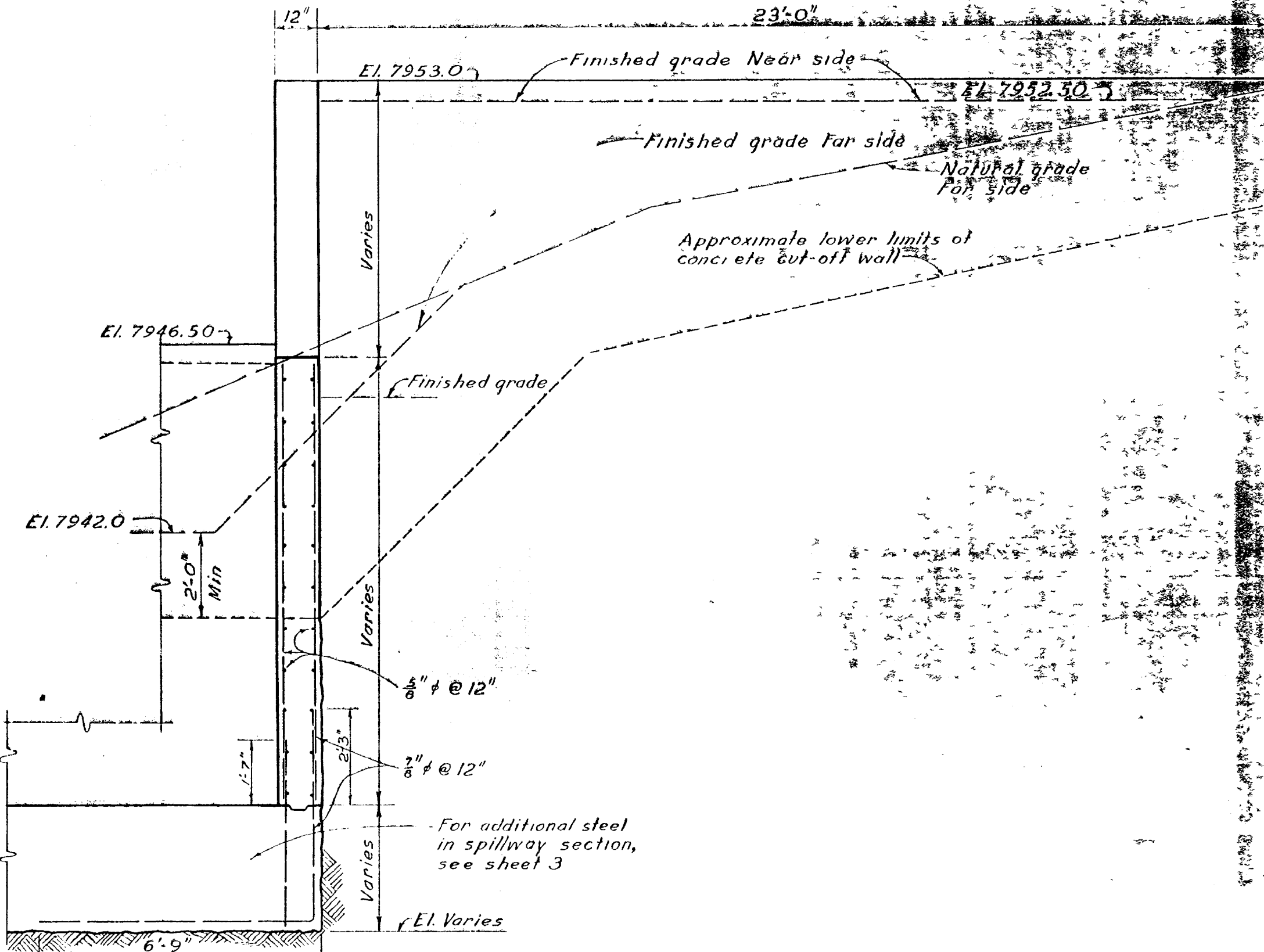
ALTERNATE WING WALL FOR ROCK
Scale $\frac{1}{8}'' = 1'-0''$



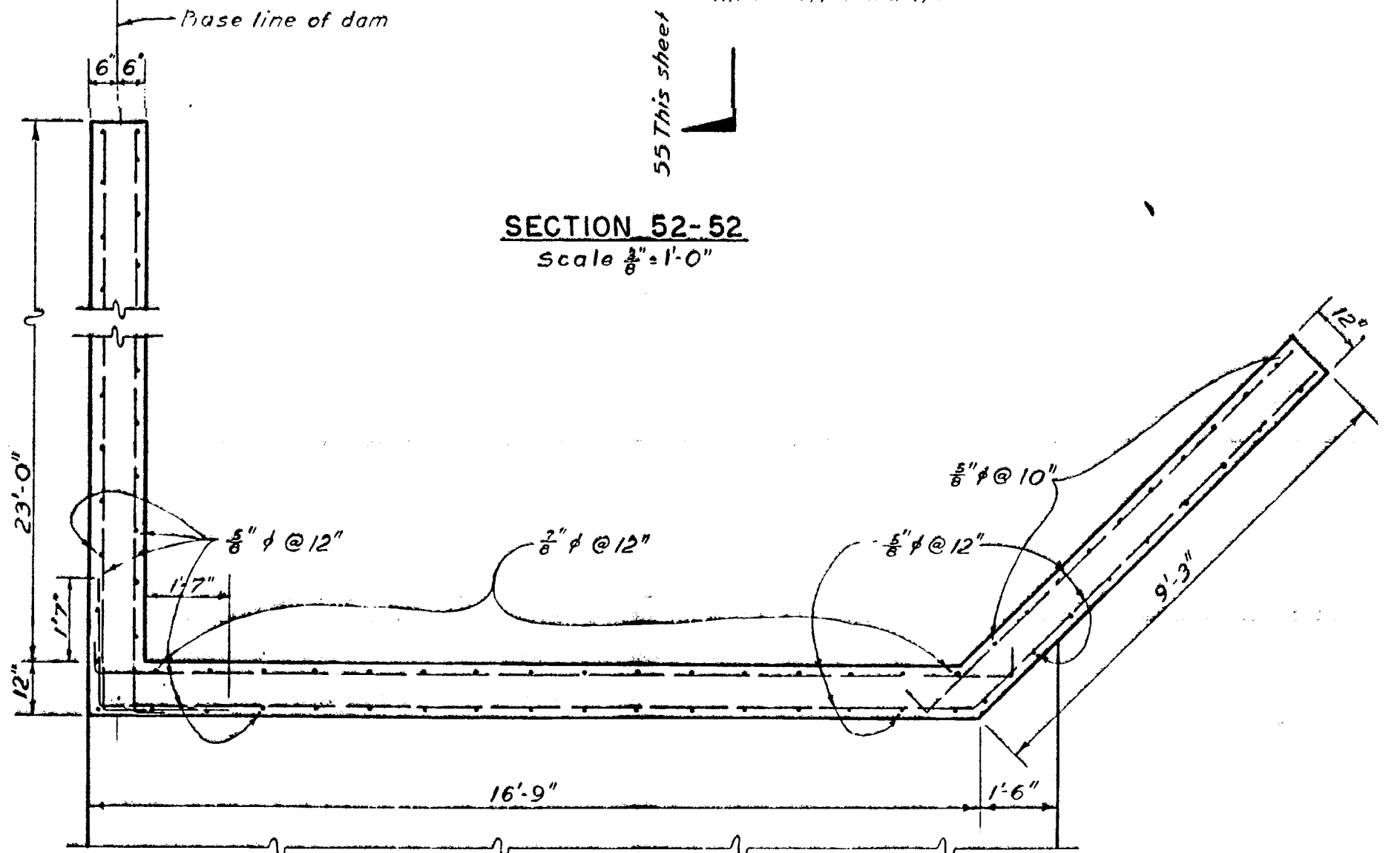
WING WALL ELEVATION
Scale $\frac{1}{8}'' = 1'-0''$



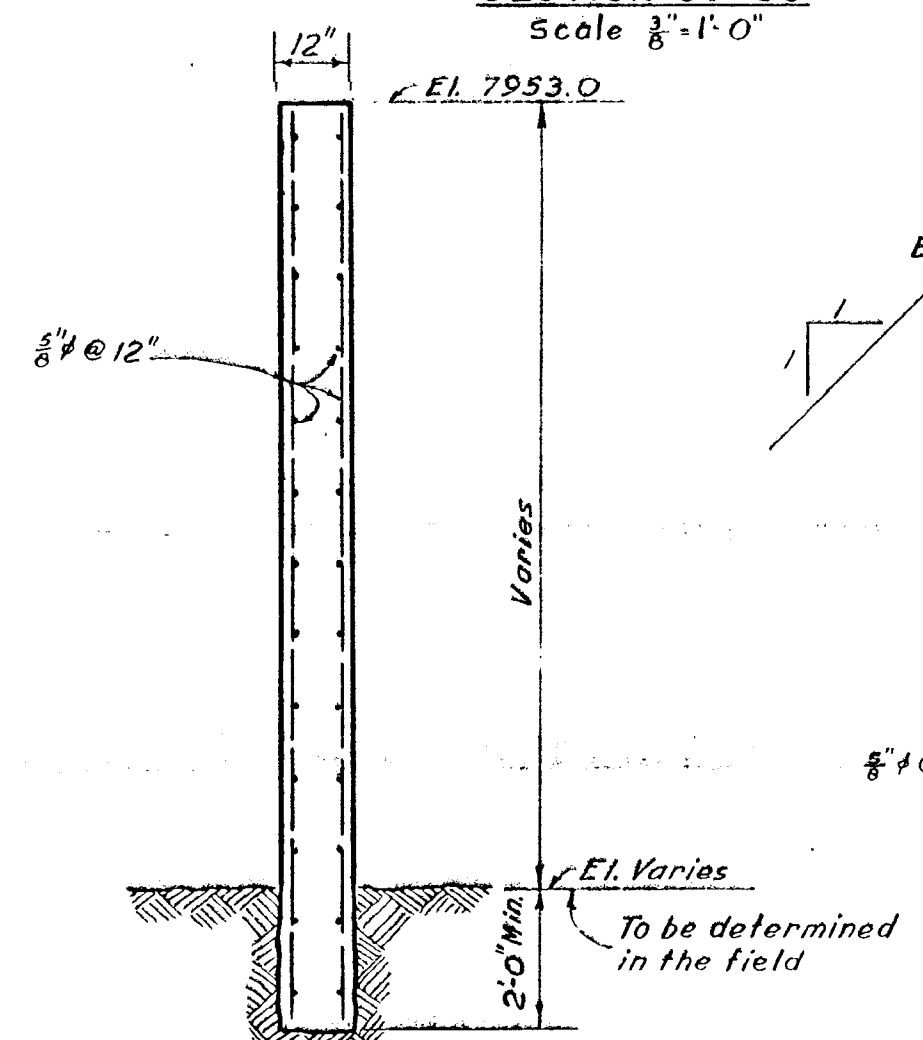
For reinforcing steel in spillway section, see sheet 3



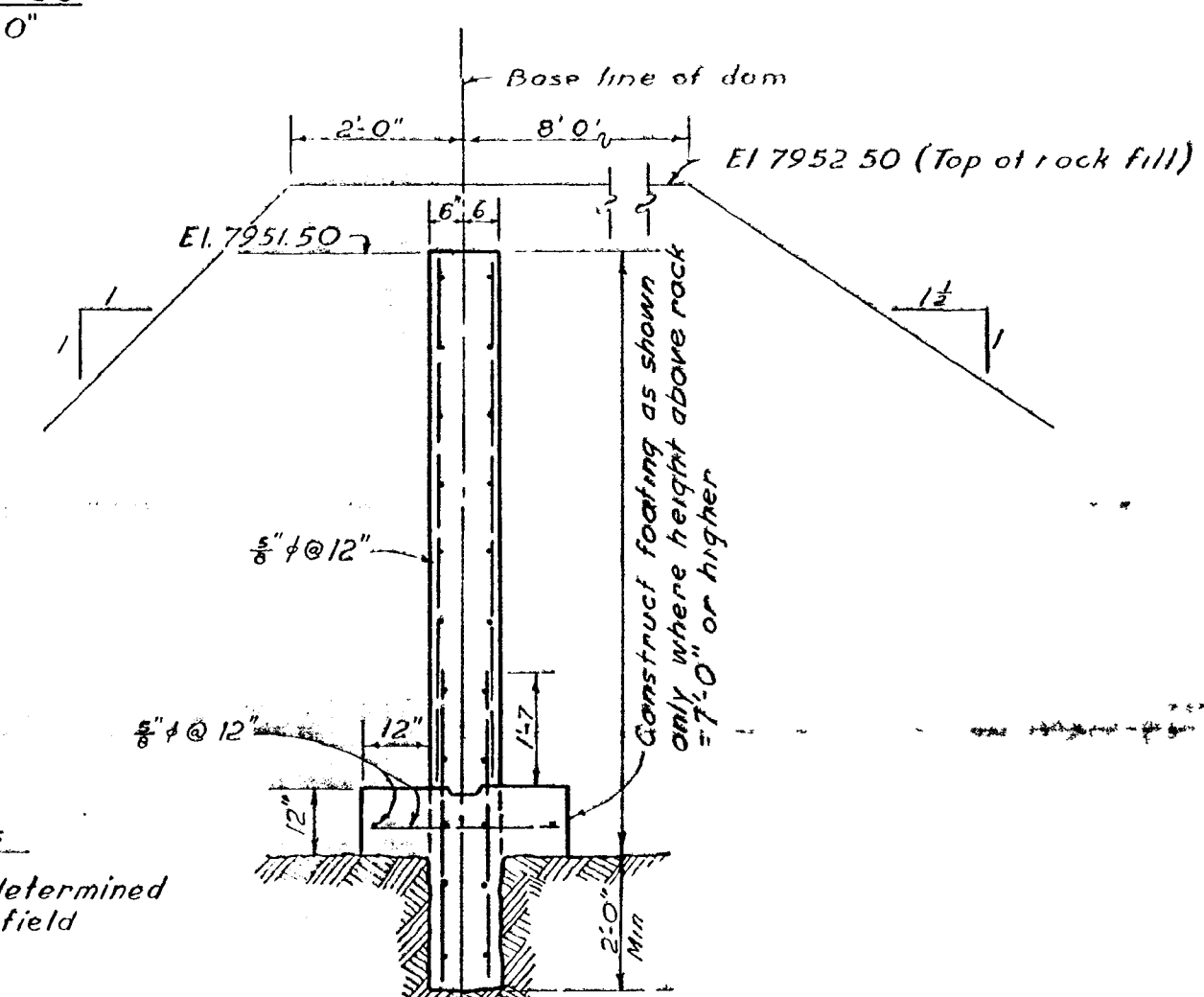
SECTION 55-55
Scale $\frac{1}{8}'' = 1'-0''$



SECTION 52-52
Scale $\frac{1}{8}'' = 1'-0''$



CUT-OFF WALL
SECTION 53-53
Scale $\frac{1}{8}'' = 1'-0''$



SECTION THRU
CONCRETE DIAPHRAGM
Scale $\frac{1}{8}'' = 1'-0''$

LAKE GEORGE DIVERSION DAM
IRRIGATION DIVISION NO. 1, WATER DISTRICT NO. 23
PARK COUNTY, COLORADO

I HEREBY CERTIFY THAT THESE PLANS FOR THE CONSTRUCTION OF THE LAKE GEORGE DIVERSION DAM WERE PREPARED UNDER MY DIRECT SUPERVISION FOR THE OWNERS THEREOF.

W. B. Veatch
(REGISTERED ENGINEER)

SUBSCRIBED AND SWORN TO BEFORE ME THIS 2 DAY OF *July* 1952.

W. B. Veatch
(NOTARY PUBLIC)

MY COMMISSION EXPIRES ON THE 12 DAY OF *August* 1952.

THESE PLANS FOR THE CONSTRUCTION OF THE LAKE GEORGE DIVERSION DAM ARE HEREBY APPROVED AND ACCEPTED BY THE CITY OF COLORADO SPRINGS, COLORADO (OWNER).

W. B. Veatch
MAYOR

APPROVED ON THE 30th DAY OF *July* 1952.

W. B. Veatch
STATE ENGINEER

FILE NO. *100-10000* DEPUTY

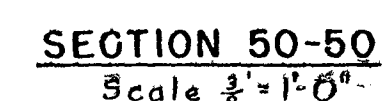
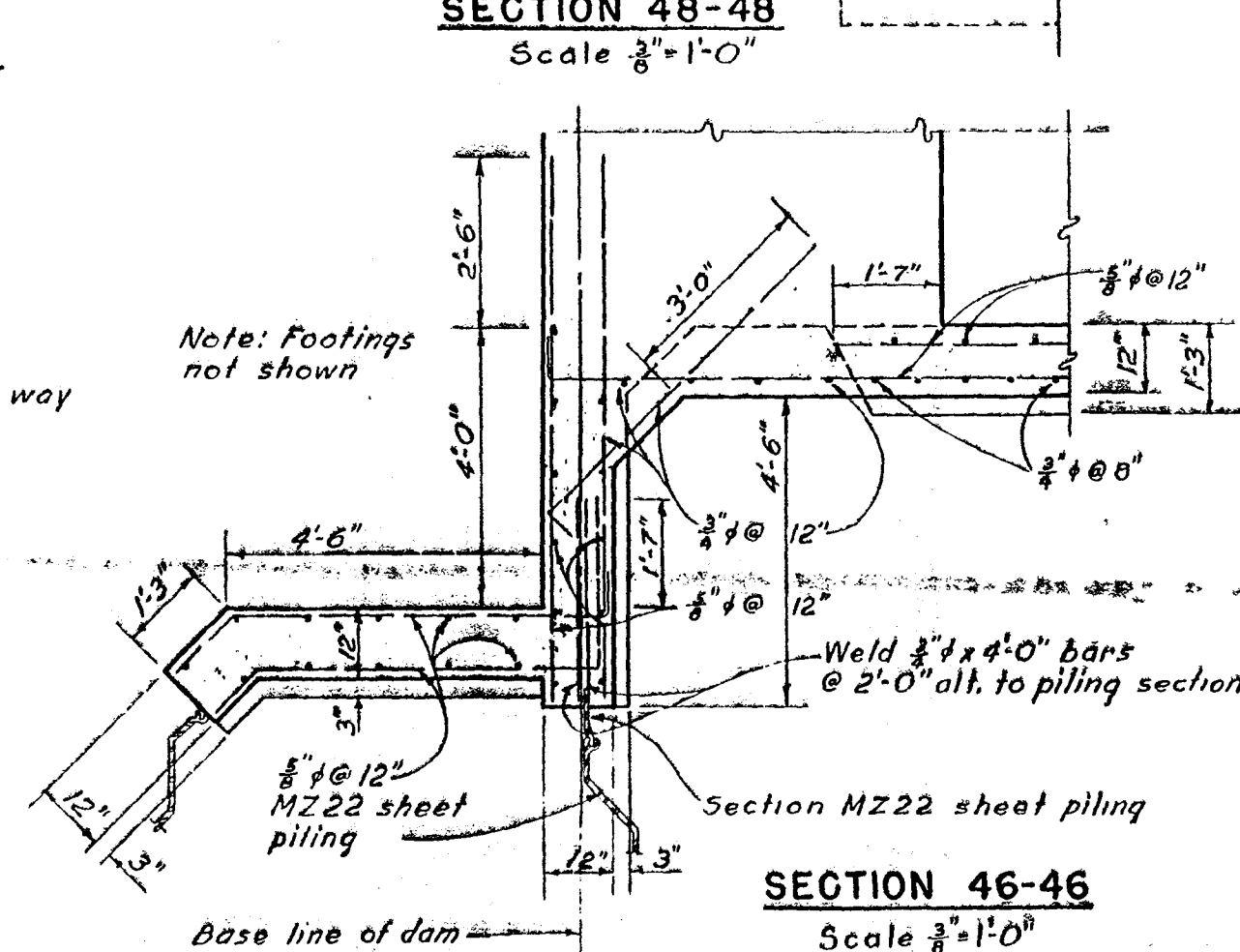
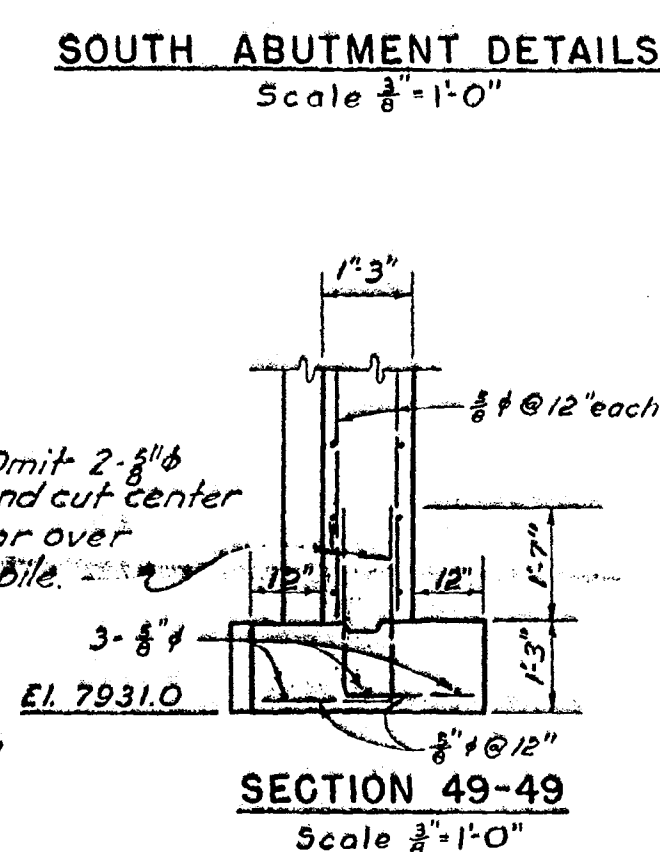
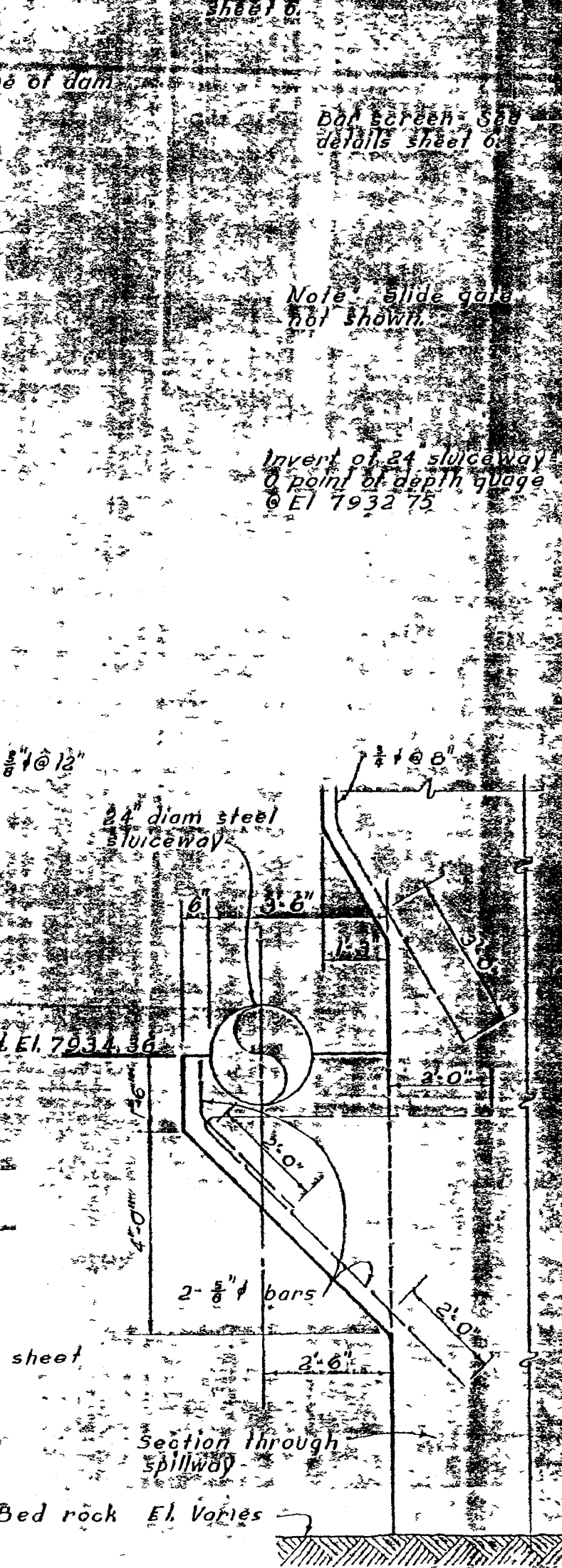
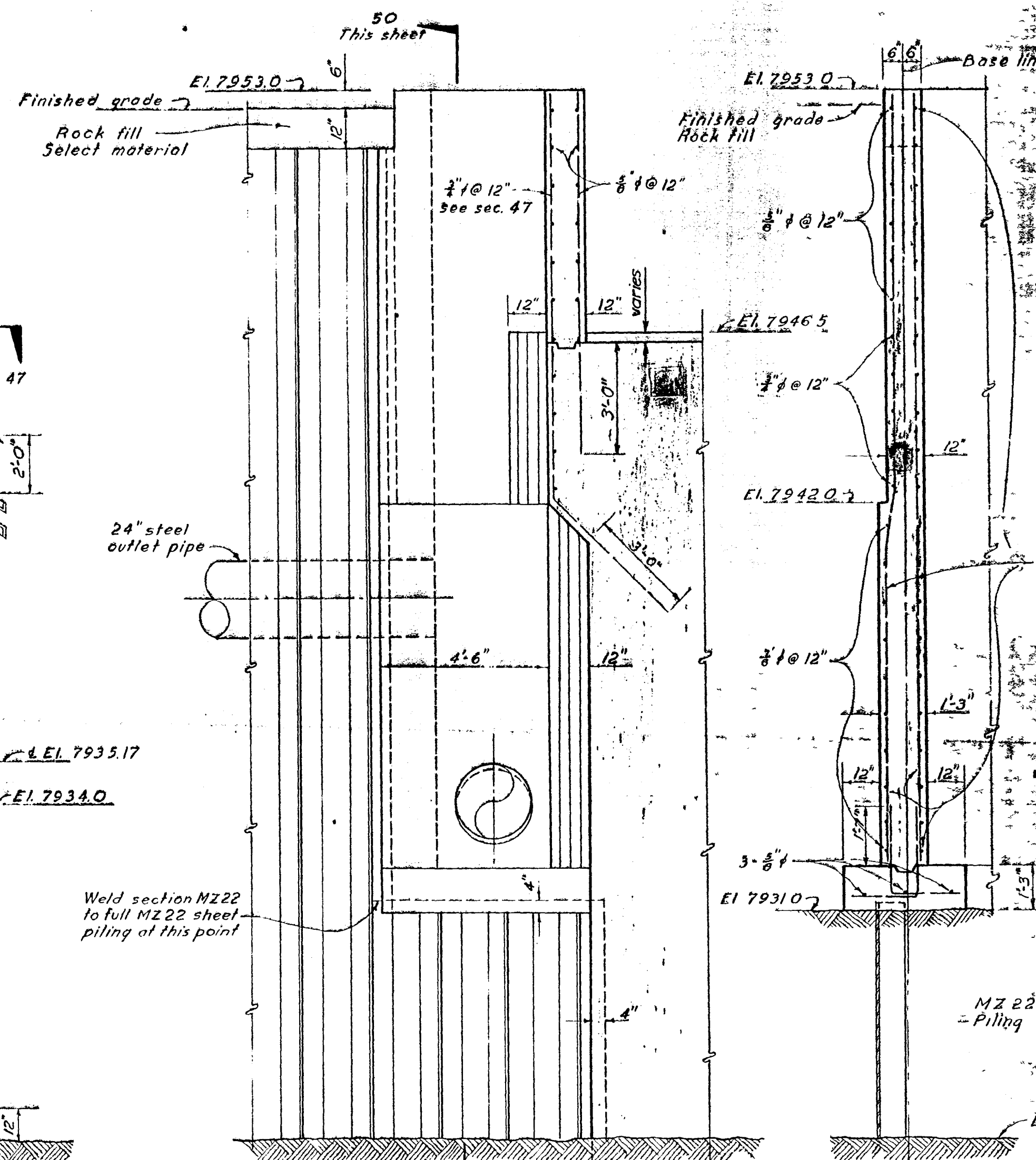
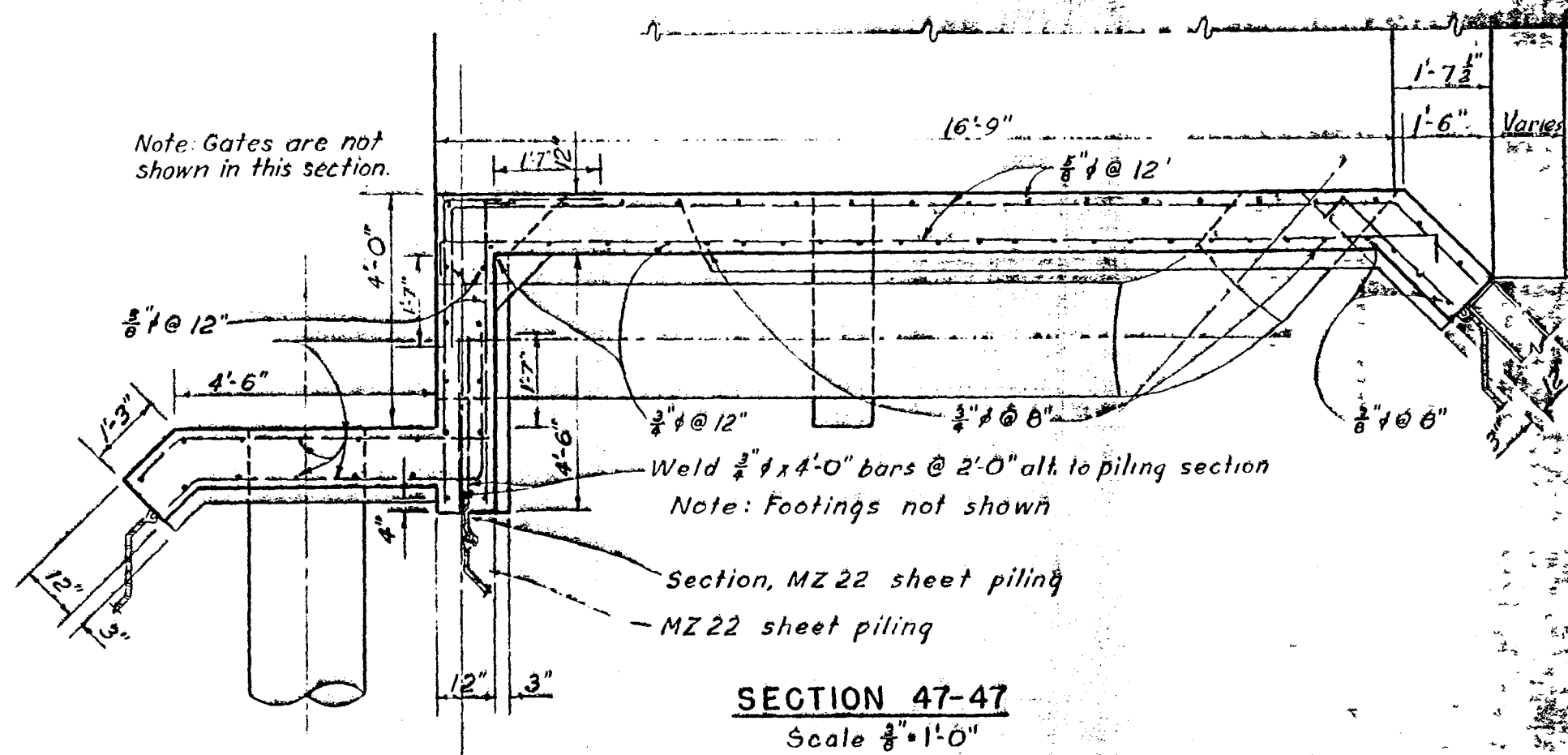
LAKE GEORGE DIVERSION DAM
IRRIGATION DIVISION NO. 1, WATER DISTRICT NO. 23
PARK COUNTY, COLORADO

COLORADO SPRINGS, COLORADO
WATER SUPPLY DEVELOPMENT

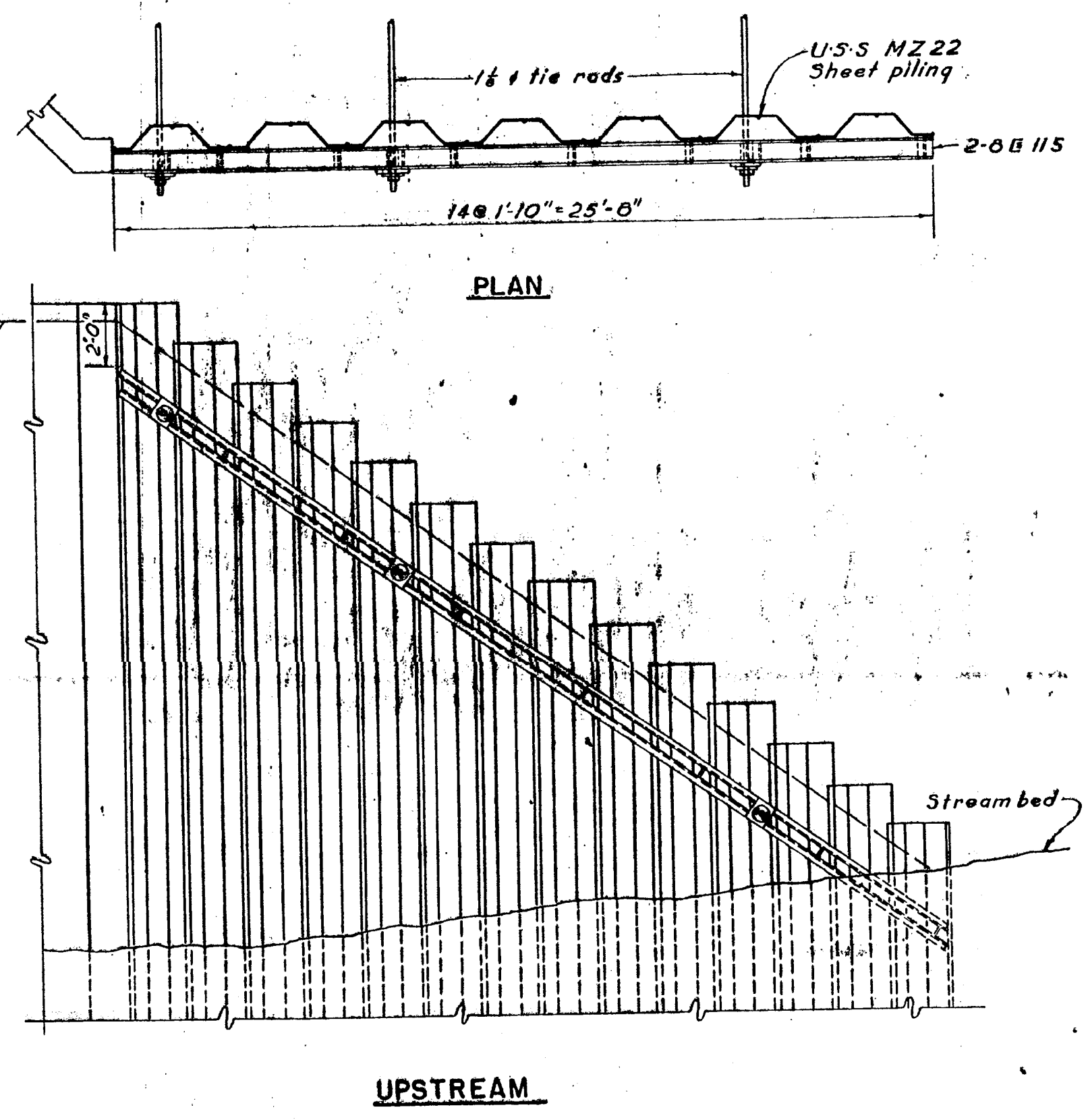
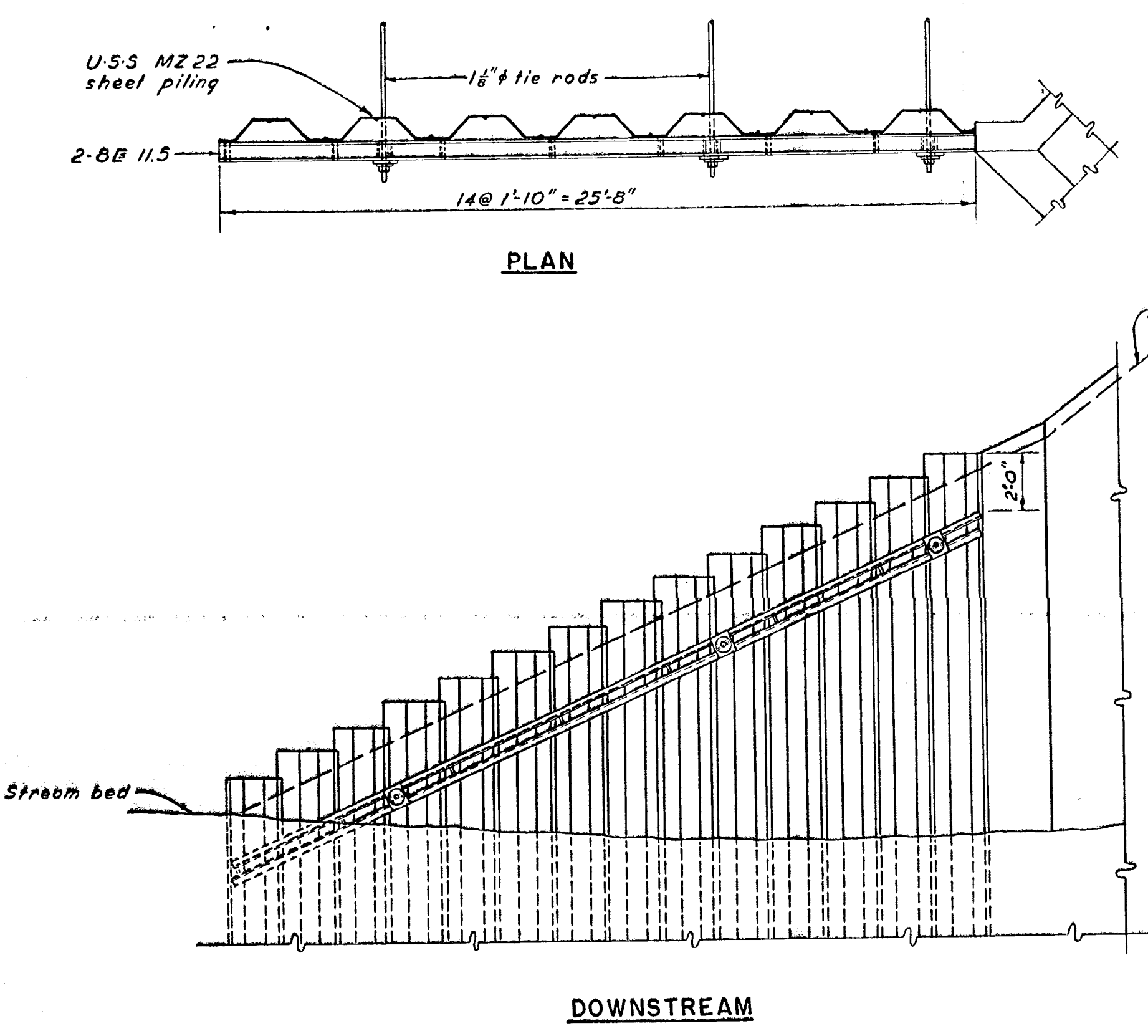
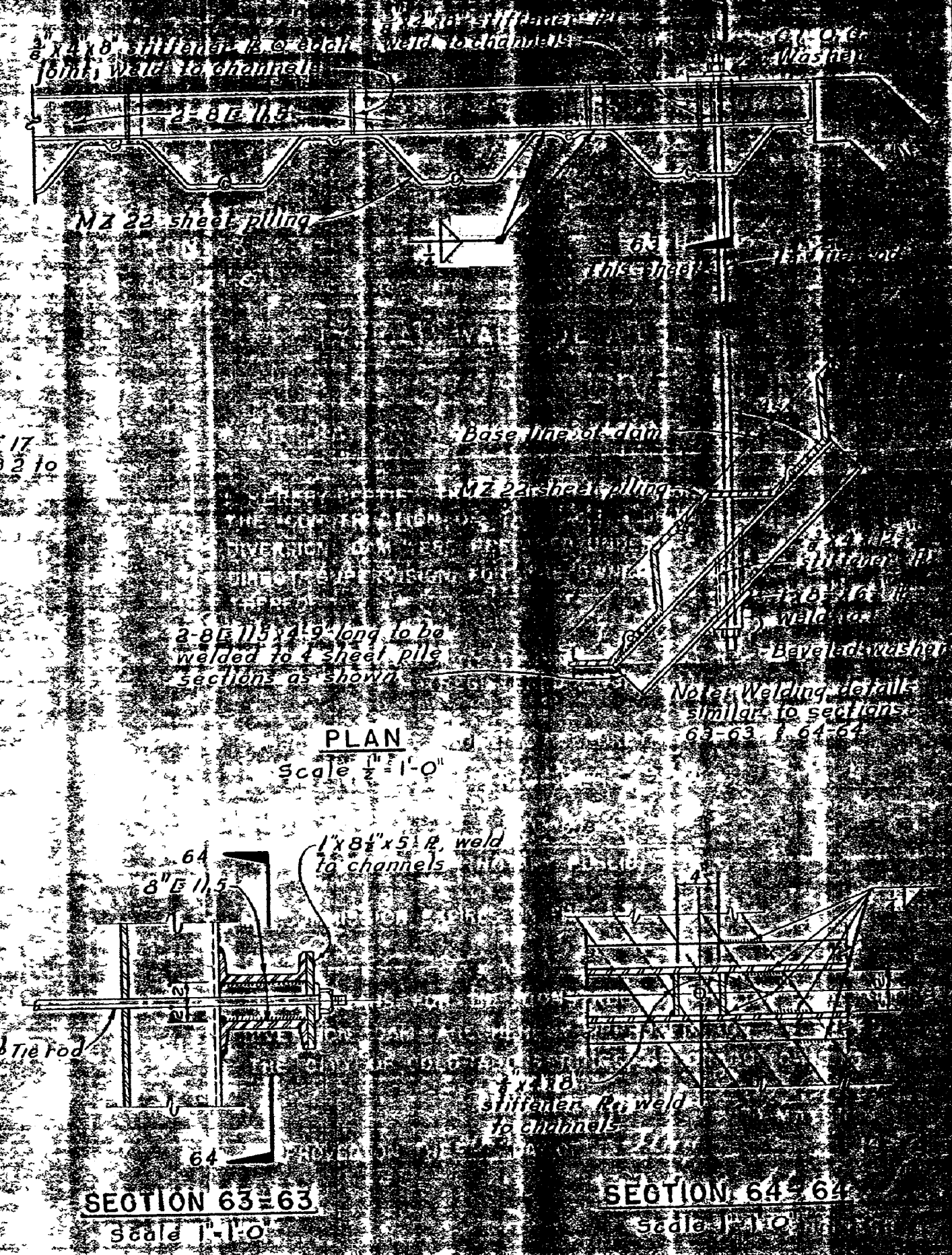
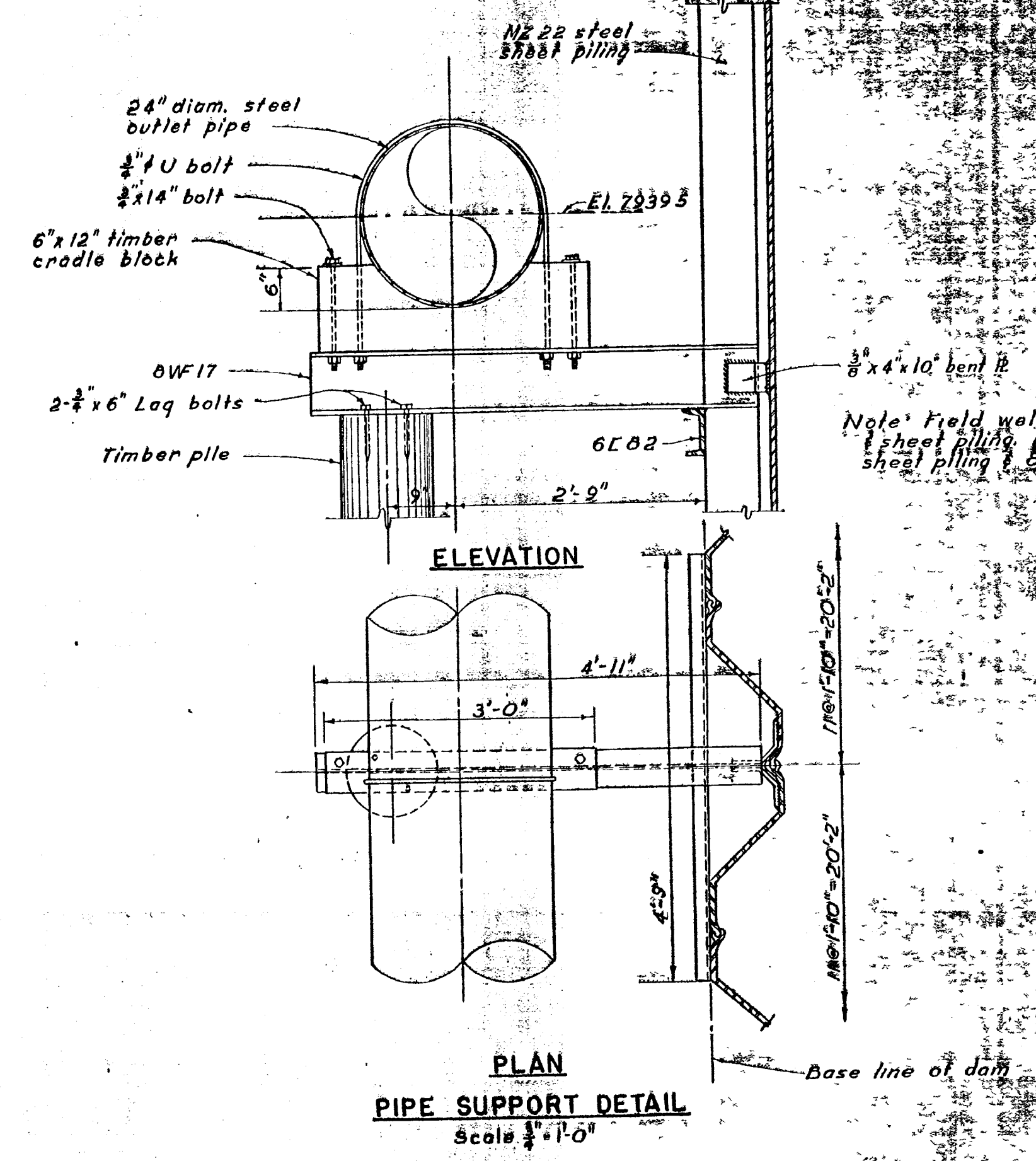
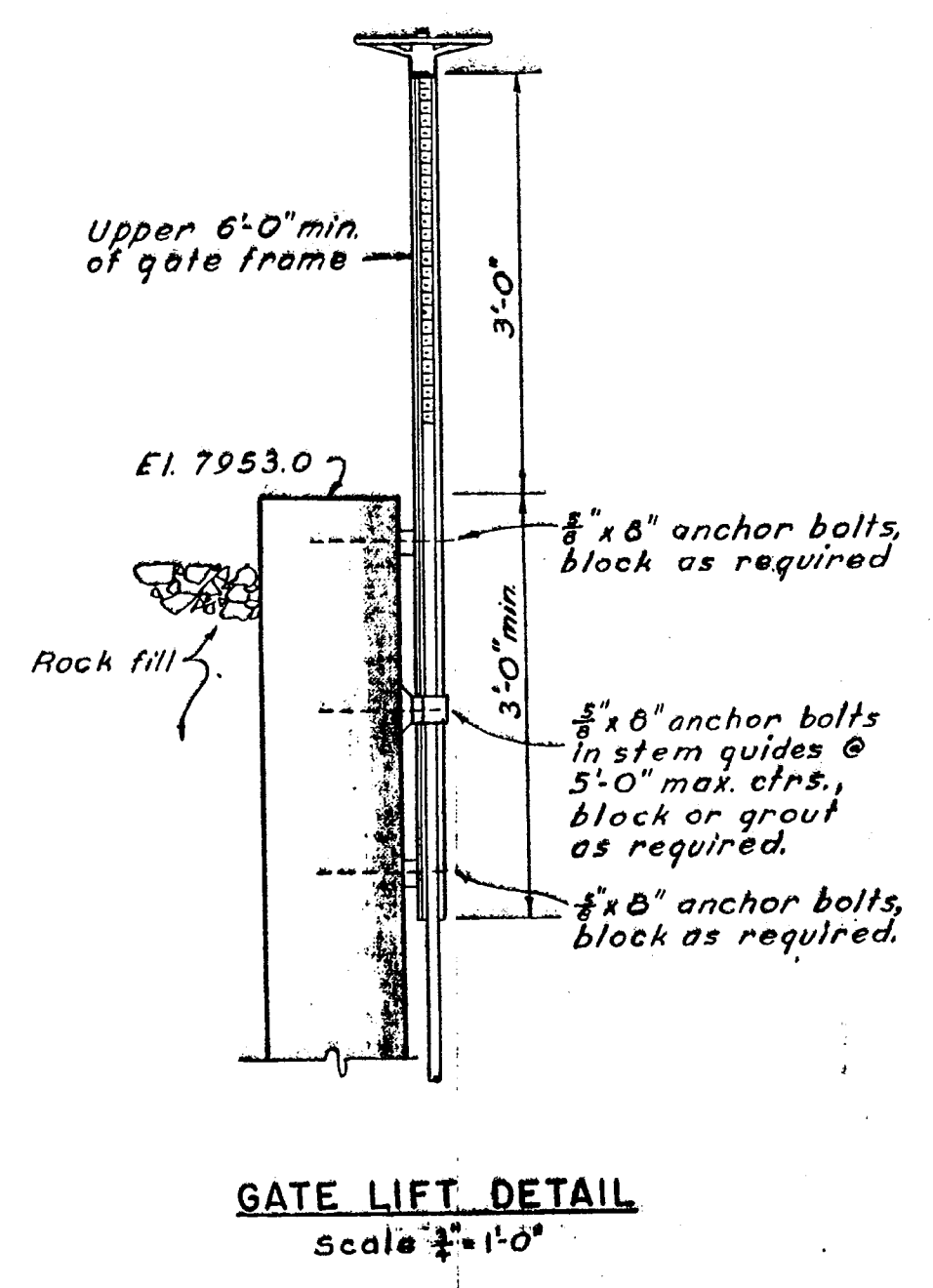
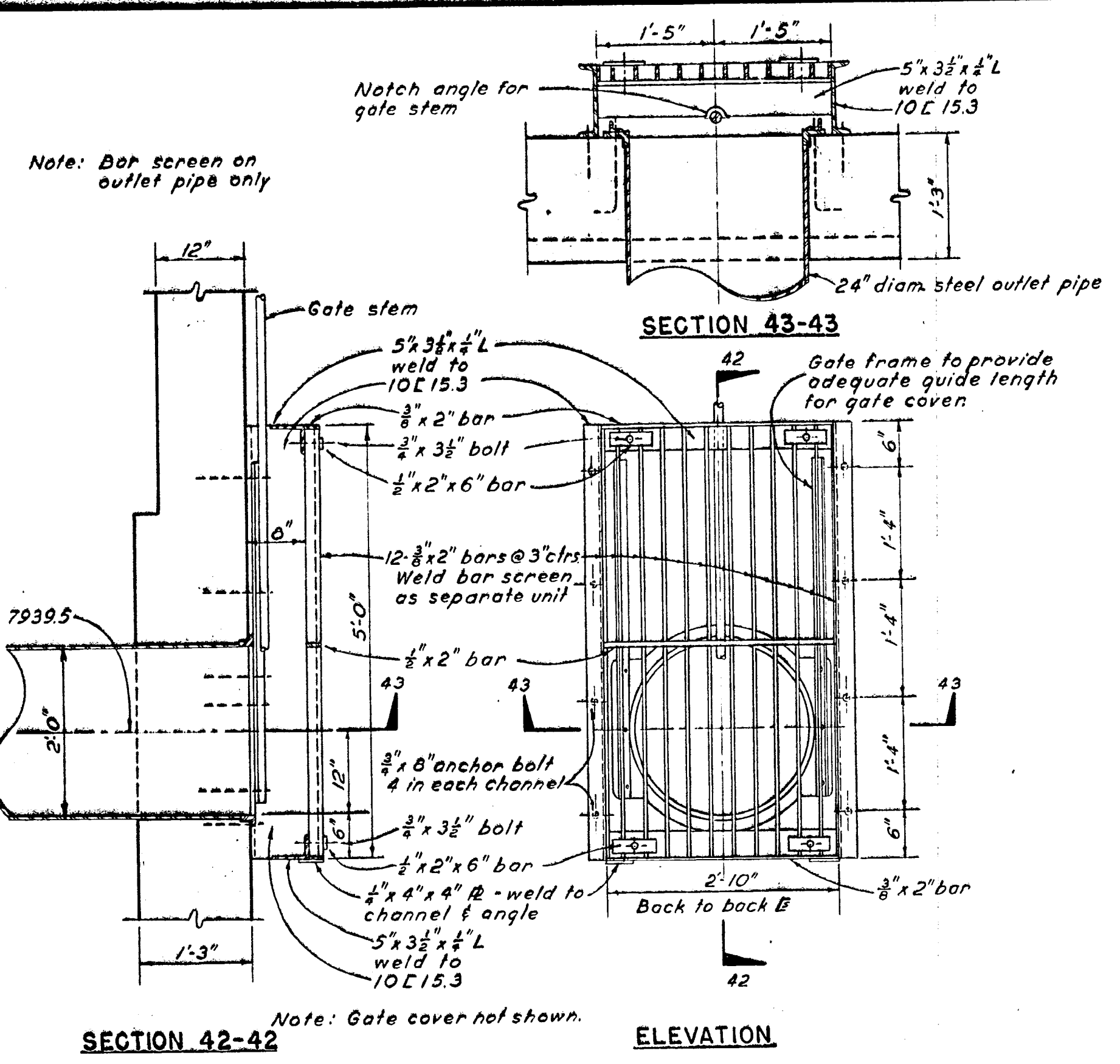
NORTH ABUTMENT & WING WALLS

BLACK & VEATCH
CONSULTING ENGINEERS, KANSAS CITY, MO.

DESIGNED BY *W. B. Veatch* CHECKED BY *W. B. Veatch*
DETAILED BY *W. B. Veatch* APPROVED BY *W. B. Veatch*
TRACED BY *W. B. Veatch* DATE *July 1952*



DESIGNED BY <u>DERMANN</u>	CHECKED BY <u>J. M. W. H. I.</u>	C-61
DETAILED BY <u>STAMM</u>	APPROVED BY <u>C. J. F. H. I.</u>	
TRACED BY <u>TRUS</u>	DATE <u>1954</u>	



WING WALL ELEVATIONS

Scale: 1/2" = 1'-0"

I HEREBY CERTIFY THAT THESE PLANS FOR THE CONSTRUCTION OF THE LAKE GEORGE DIVERSION DAM WERE PREPARED UNDER MY DIRECT SUPERVISION FOR THE OWNERS THEREOF.

W. B. Veatch
(REGISTERED ENGINEER)

SUBSCRIBED AND SWORN TO BEFORE ME THIS 2nd DAY OF July, 1932.

W. B. Veatch
(NOTARY PUBLIC)

MY COMMISSION EXPIRES ON THE 12th DAY OF January, 1933.

THESE PLANS FOR THE CONSTRUCTION OF THE LAKE GEORGE DIVERSION DAM ARE HEREBY APPROVED AND ACCEPTED BY THE CITY OF COLORADO SPRINGS, COLORADO (OWNER).

W. B. Veatch
MAYOR

APPROVED ON THE 30th DAY OF July, 1932.

W. B. Veatch
STATE ENGINEER

FILE NO. _____ DEPUTY

LAKE GEORGE DIVERSION DAM

IRRIGATION DIVISION NO. 1 - WATER DISTRICT NO. 25

PARK COUNTY

COLORADO SPRINGS, COLORADO

WATER SUPPLY DEVELOPMENT

MISCELLANEOUS DETAILS

BLACK & VEATCH

CONSULTING ENGINEERS, KANSAS CITY, MO.

DESIGNED BY *W. B. Veatch* CHECKED BY *W. B. Veatch*

DETAILED BY *W. B. Veatch* APPROVED BY *W. B. Veatch*

TRACED BY *W. B. Veatch* DATE *7-2-32*

C-617

ATTACHMENT 2

FISHING PIER AS-BUILTS (10 SHEETS)

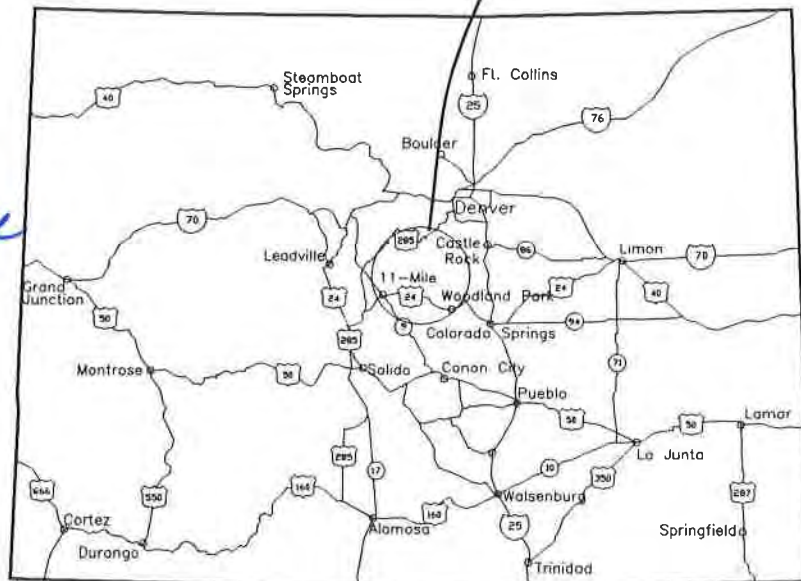
FOR INFORMATION ONLY, SITE CONDITIONS MAY VARY



DRAWINGS FOR PROPOSED

NAME _____

PROJECT LOCATION



KEY MAP OF COLORADO SHOWING LOCATION OF PROJECT

PREPARED BY:

CIVIL ENGINEER

DATE _____

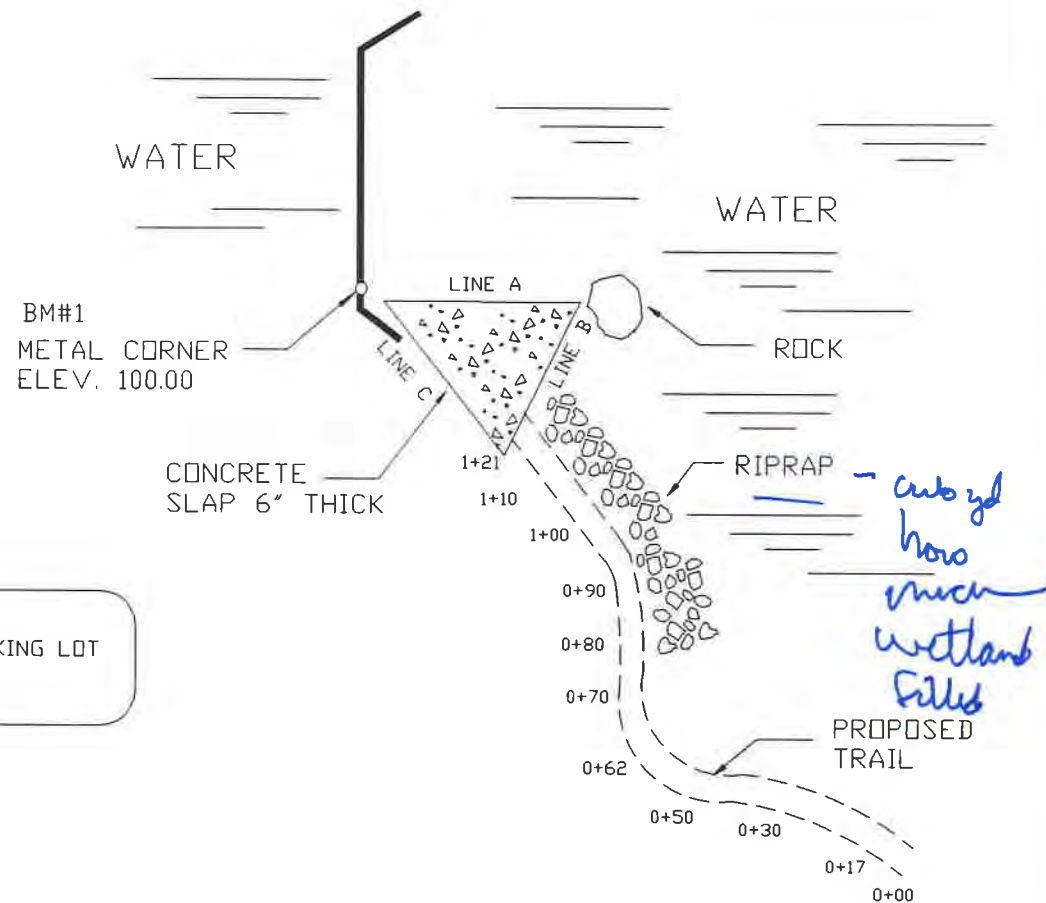
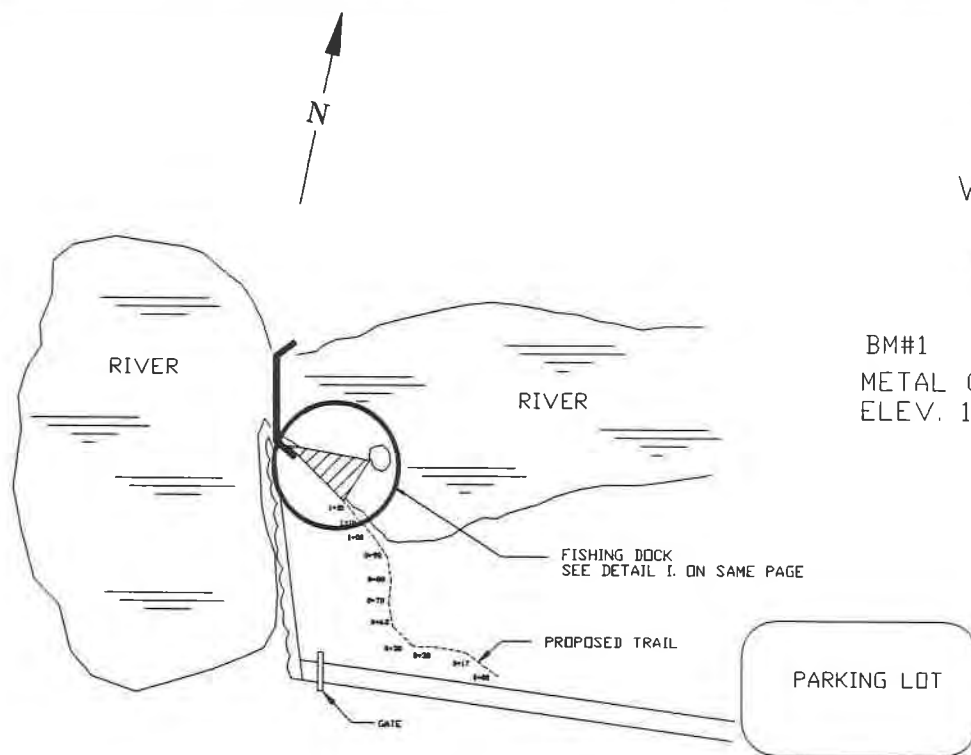
FOREST ENGINEER

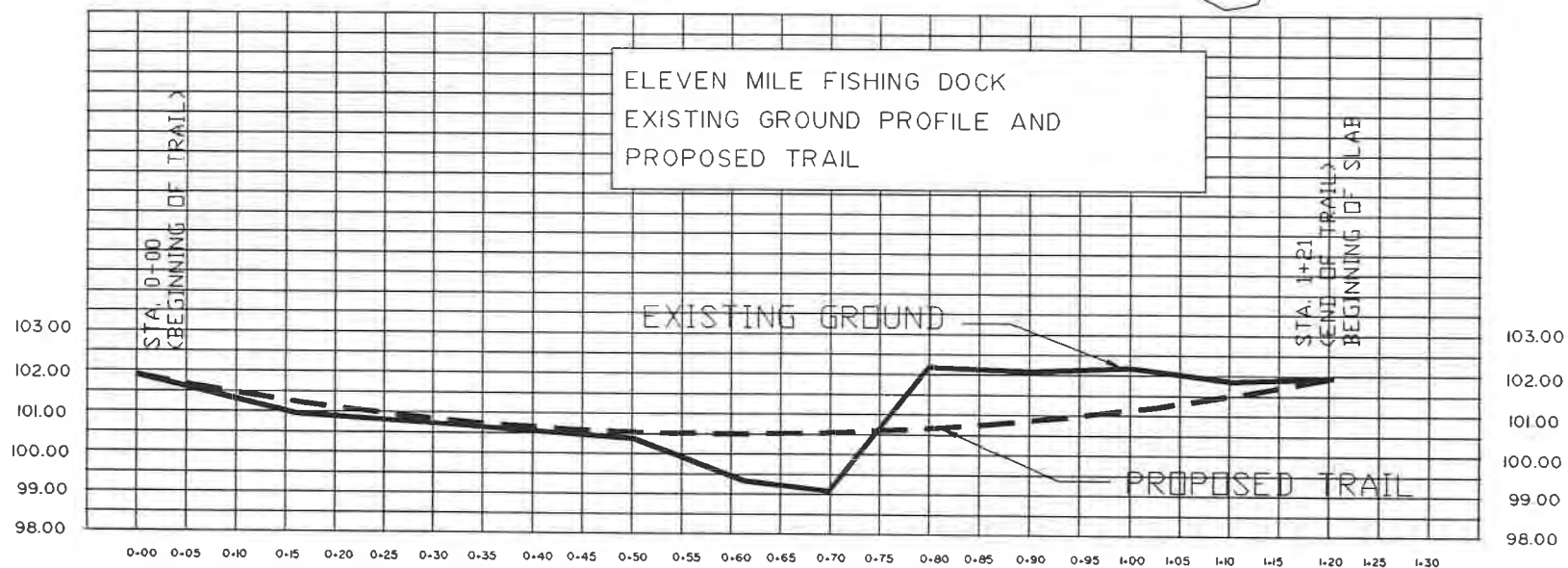
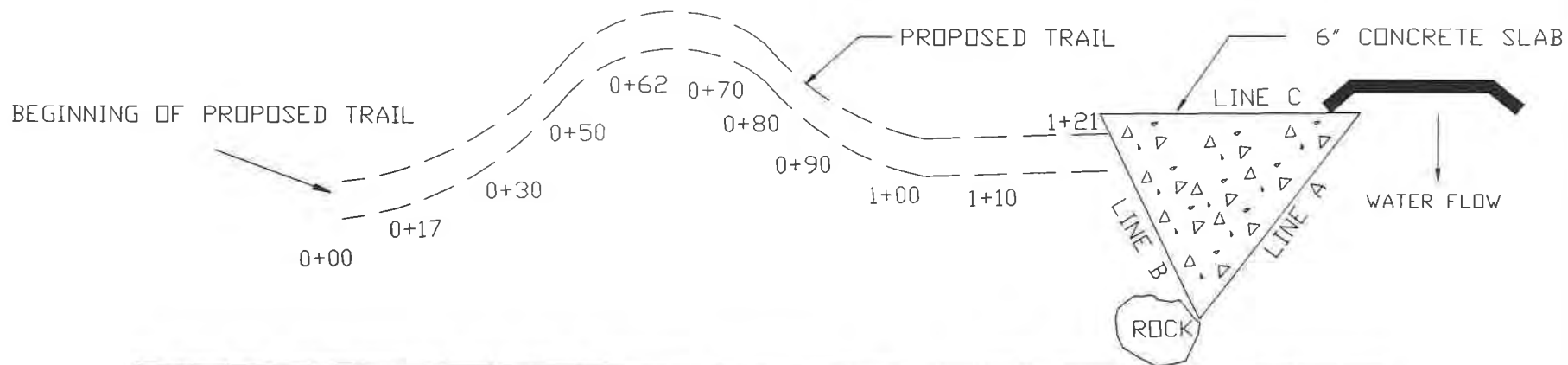
DATE _____

DISTRICT RANGER

DATE _____

total sq yardage
of fuel.



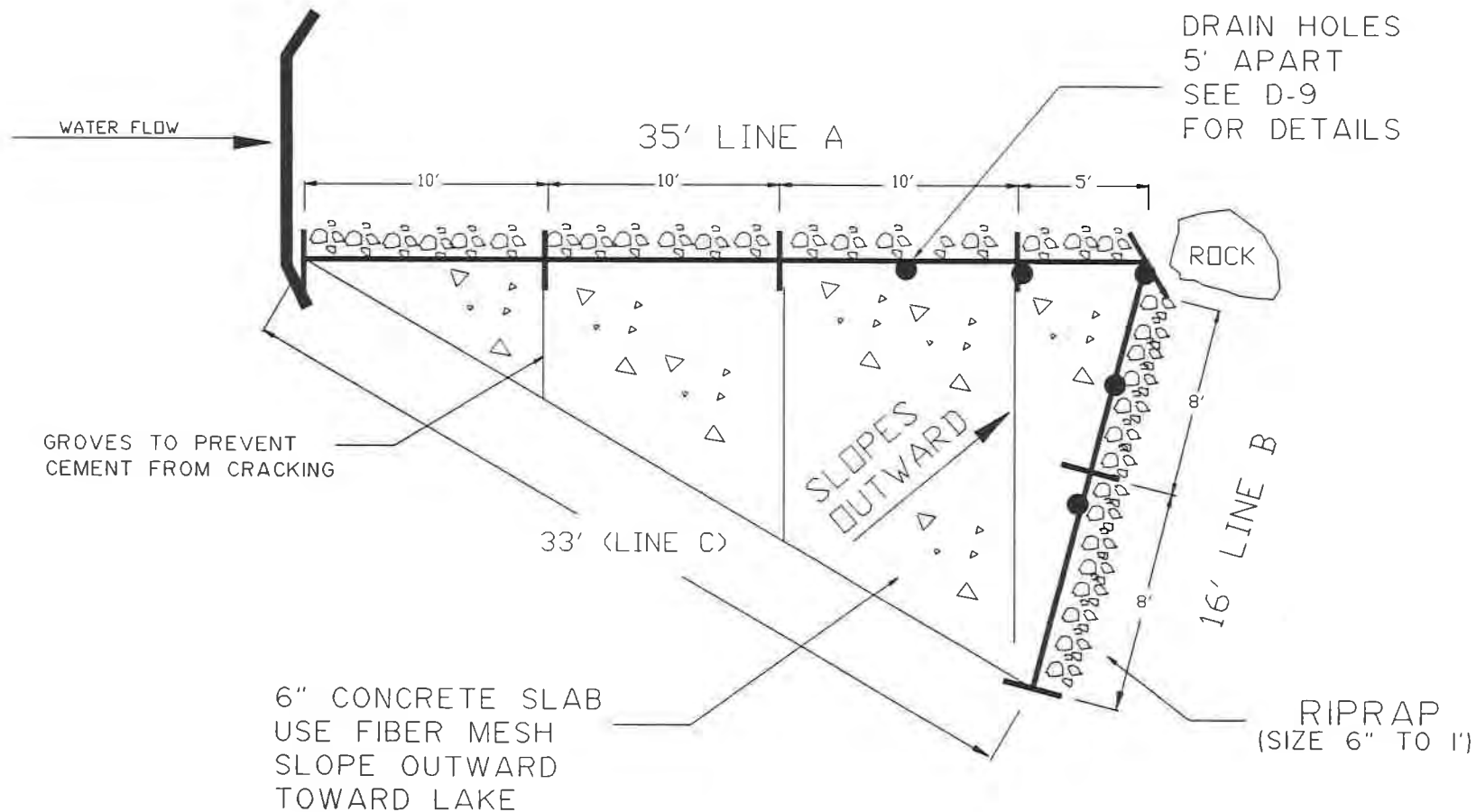


U.S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE
R-2
ROCKY MOUNTAIN REGION

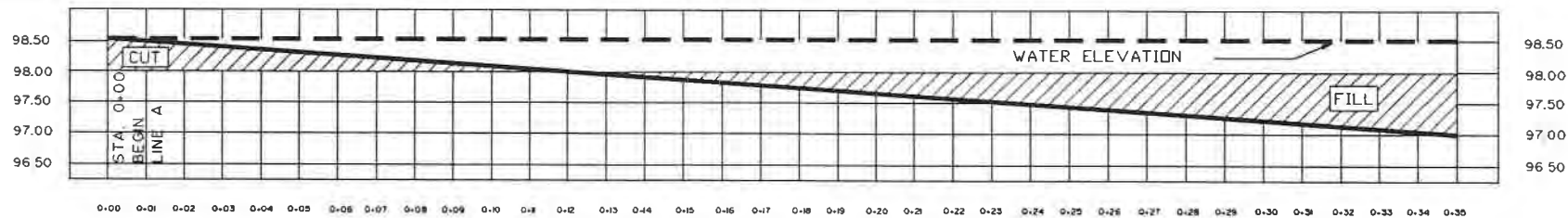
Drawn M. GURULE
Design M. GURULE
Checked
Reviewed

Forest
PIKE NATIONAL FOREST
Project Name
ELEVEN MILE FISHING DOCK

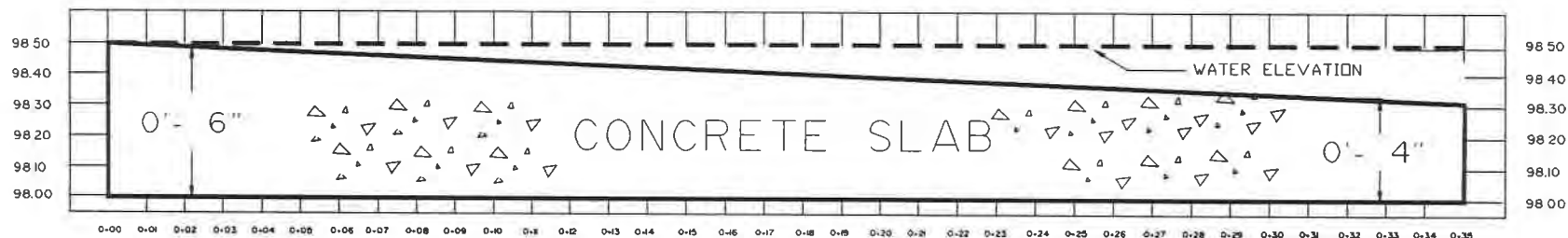
Sheet Title D-2
PLAN/PROFILE/TRAIL
Scale NO SCALE
Sheet 3
of 10



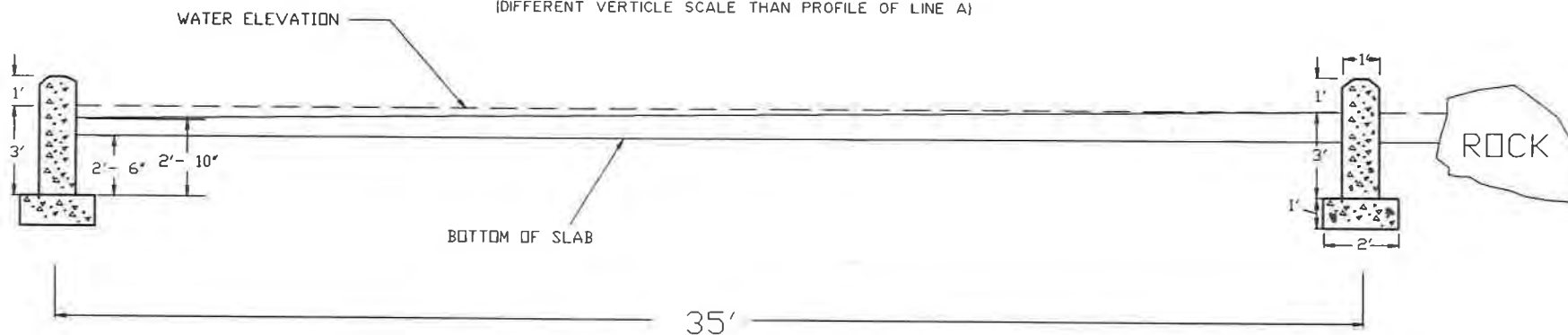
PLAN VIEW OF SLAB
(NOT TO SCALE)



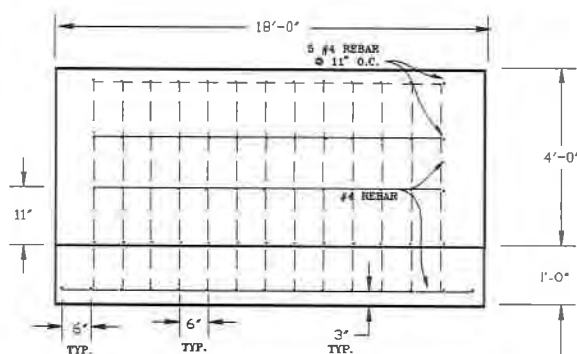
PROFILE OF LINE A
(DIFFERENT VERTICAL SCALE THAN PROFILE OF SLAB)



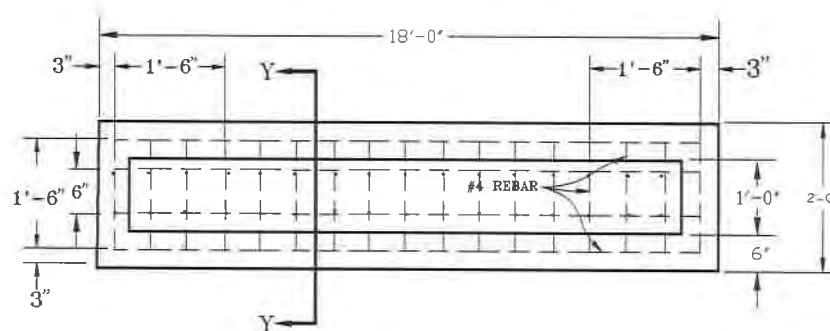
PROFILE OF LINE A
(DIFFERENT VERTICAL SCALE THAN PROFILE OF LINE A)



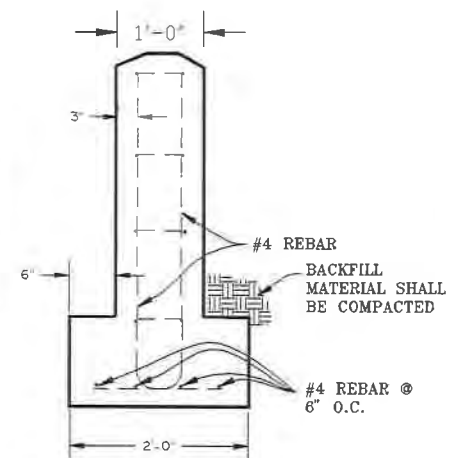
FOOTERS FOR LINE A
(NOT TO SCALE)



FOOTING/PIER
PROFILE FOR LINE B

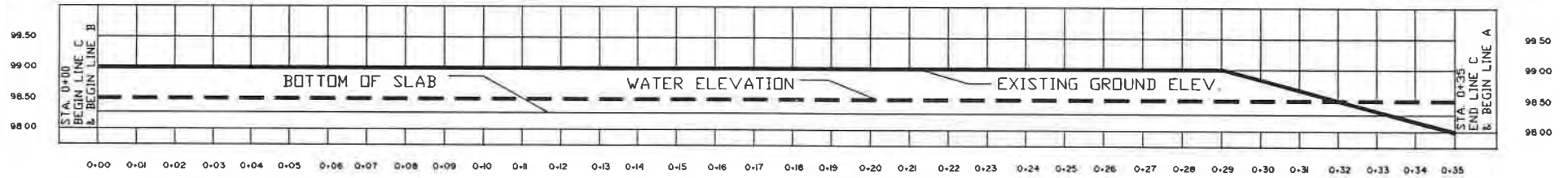


FOOTING/PIER
PLAN FOR LINE B

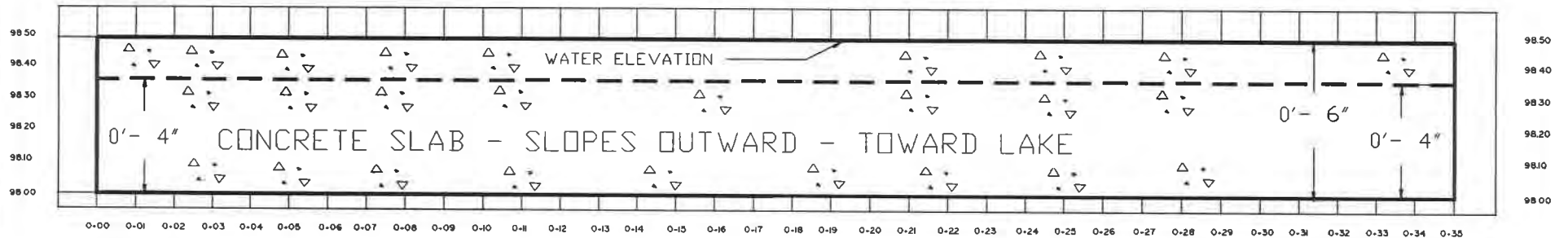


SECTION Y-Y

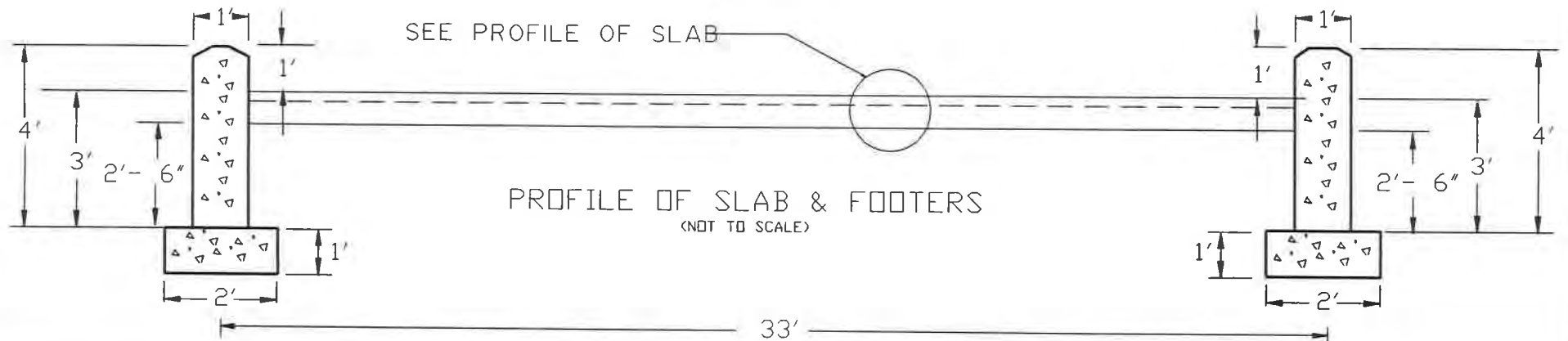
FISHING DOCK FOOTING/PIER PLAN AND PROFILE



PROFILE OF LINE C
(DIFFERENT VERTICLE SCALE THAN PROFILE OF SLAB)



PROFILE OF SLAB
(DIFFERENT VERTICLE SCALE THAN PROFILE OF LINE C)

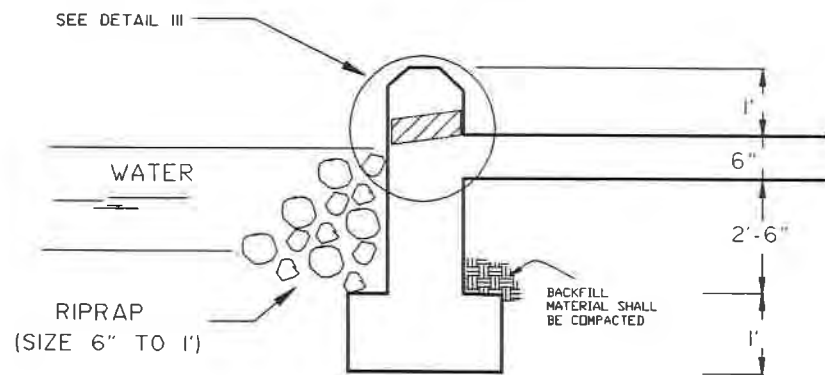


U.S. DEPARTMENT OF AGRICULTURE
FOREST SERVICE
R-2
ROCKY MOUNTAIN REGION

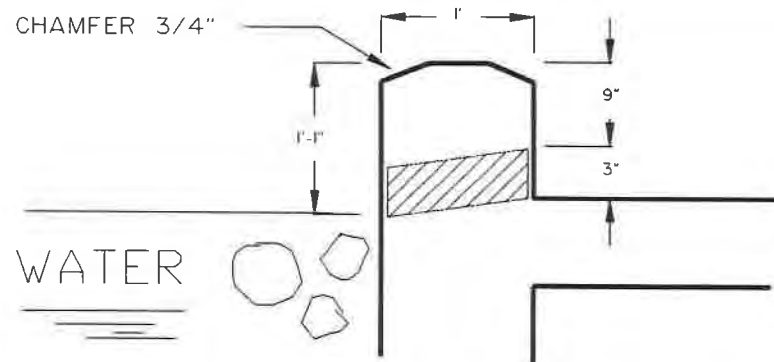
Drawn: M. GURULE
Design: M. GURULE
Checked:
Reviewed:

Forest: PIKE NATIONAL FOREST
Project Name: ELEVEN MILE FISHING DOCK

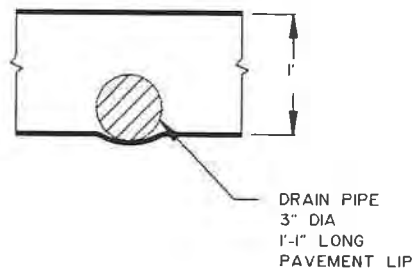
Sheet Title: D-7
PROFILE/PROPOSED/LINE C
Scale: NO SCALE
Sheet: 8
of: 10



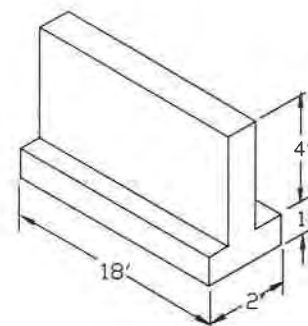
DETAIL I. CROSS-SECTION OF FOOTER & SLAB



DETAIL III. CROSS-SECTION OF DRAIN PIPE



DETAIL II. FRONT VIEW OF DRAIN PIPE



DETAIL IV. ISOMETRIC OF FOOTER FOR LINE B

NOTE: DRAIN PIPES INSTALLED EVERY 5' REFER TO D-4

