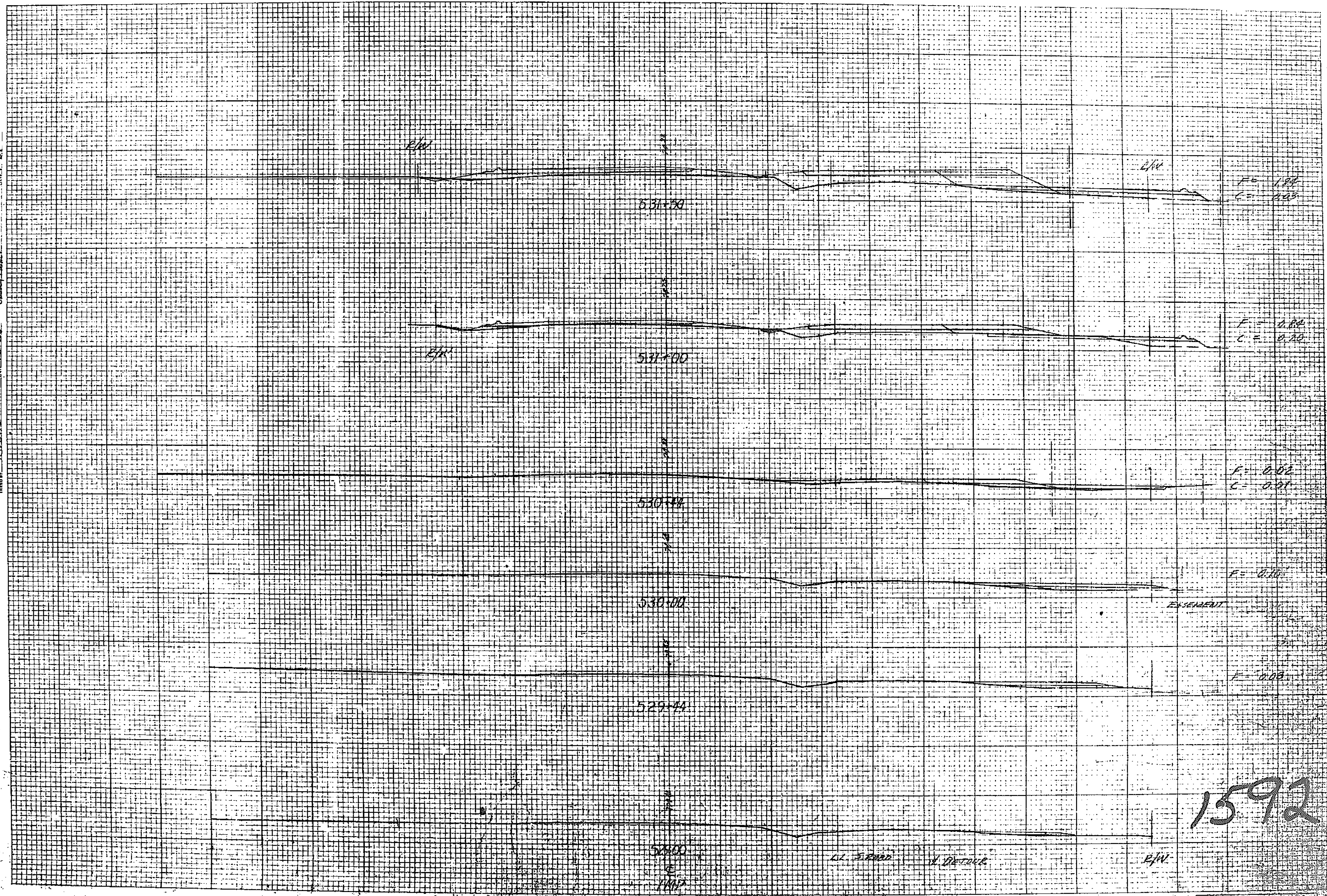


STATE OF CALIFORNIA—DEPARTMENT OF PUBLIC WORKS
 DIVISION OF HIGHWAYS
CROSS SECTIONS
 Scale: 1 Inch=10 Feet

TEMPLET
 DRAWN BY: Brandon
 CHECKED BY: Halper
 DATE: 12-54

GROUND
 DRAWN BY: Brandon
 CHECKED BY: Halper
 DATE: 12-54

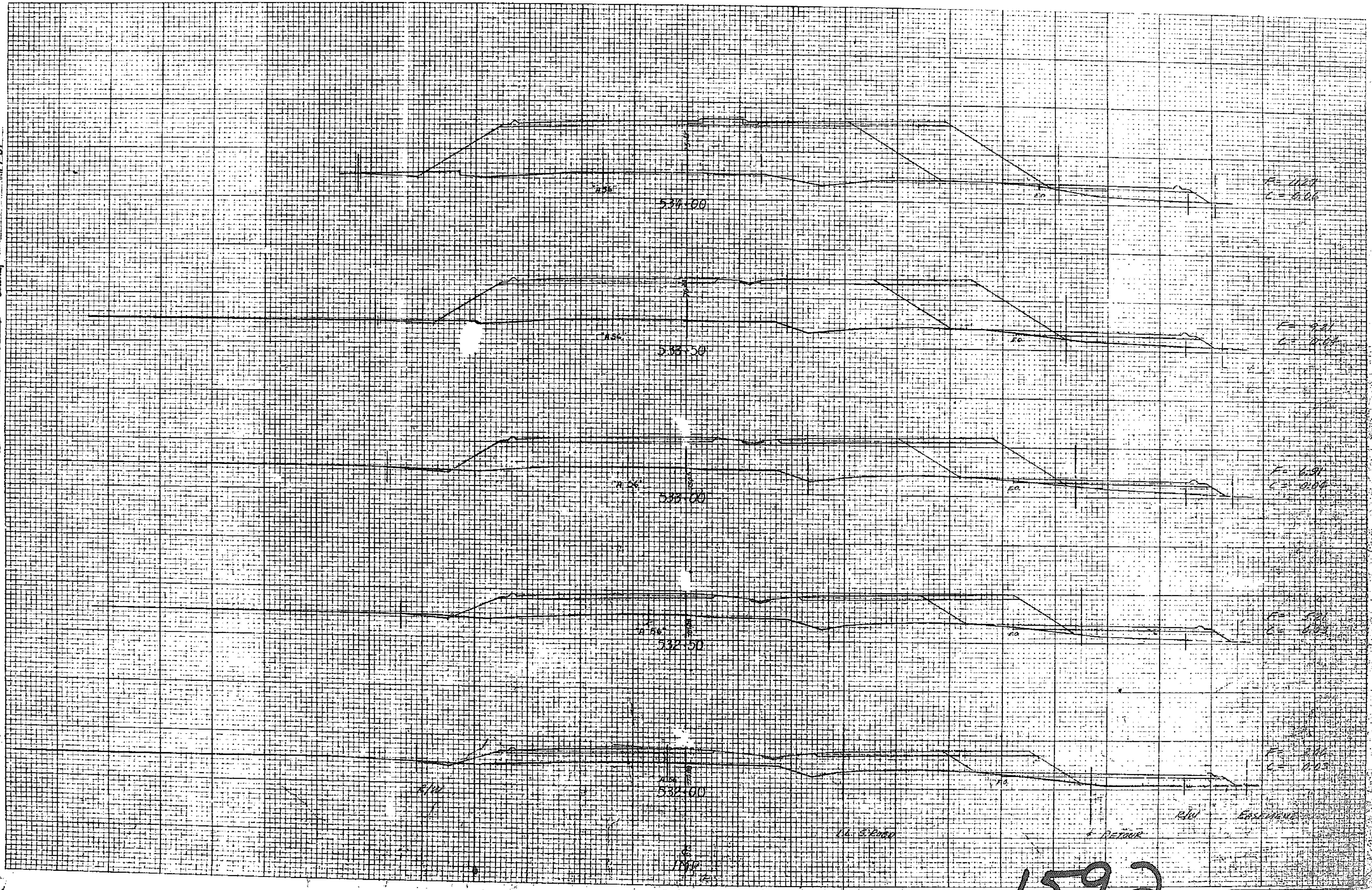
DATE: 10-54
 DRAWN BY: Tray Gomer
 CHECKED BY: 26039
 DATE: 10-54



1592

STATE OF CALIFORNIA—DEPARTMENT OF PUBLIC WORKS
 DIVISION OF HIGHWAYS
CROSS SECTIONS
 Scale: 1 Inch=10 Feet

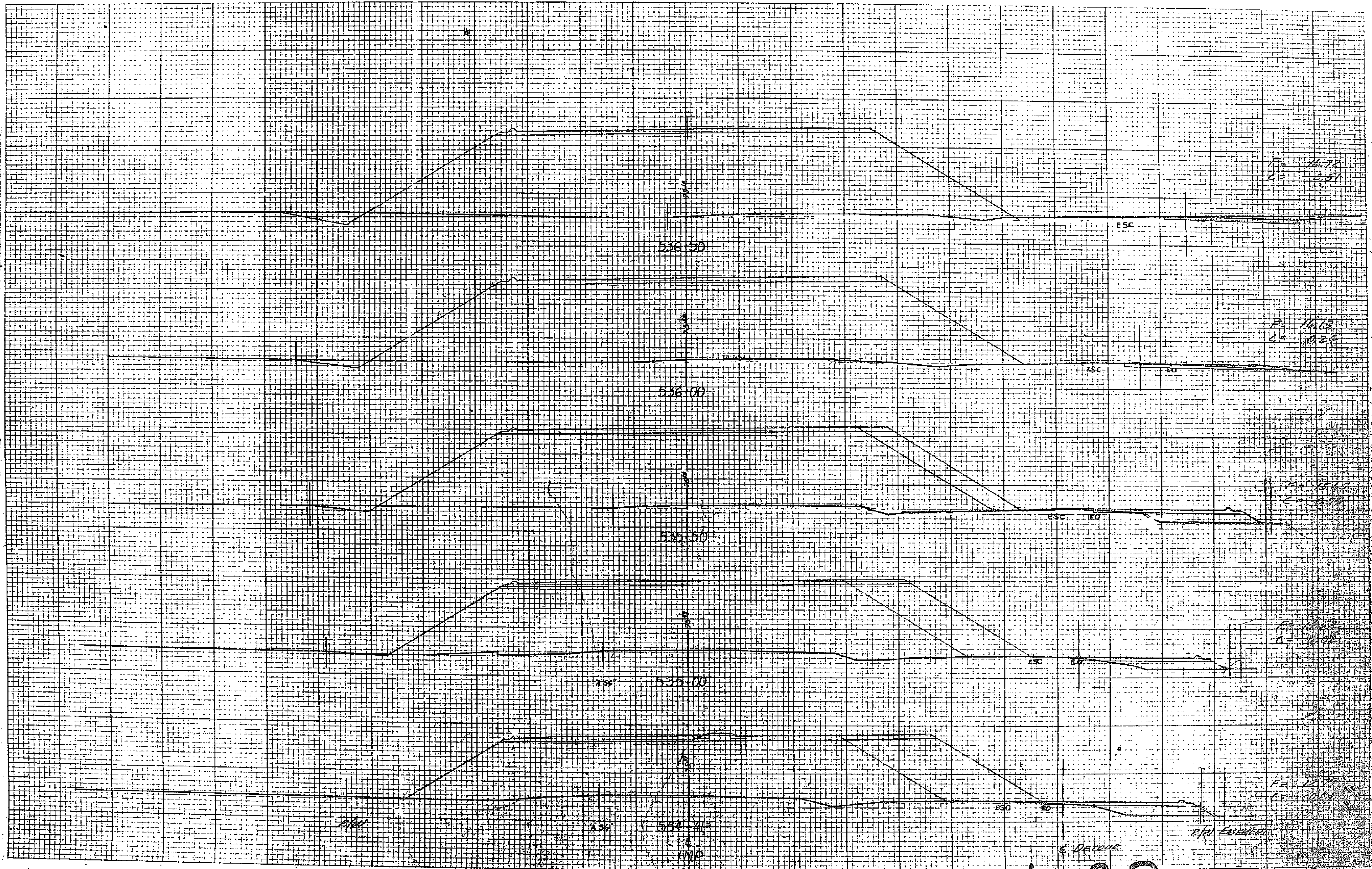
SURVEYED BY: Garner DATE: 10-56
 FIELD BOOK NO: 26099 DATE: 10-56
 DRAWN BY: Brandon DATE: 12-56
 CHECKED BY: Haller DATE: 12-56
 IN CHARGE: Brandon DATE: 12-56
 TEMPLET: Brandon DATE: 12-56
 CHECKED BY: Haller DATE: 12-56
 IN CHARGE: Brandon DATE: 12-56



1592

STATE OF CALIFORNIA—DEPARTMENT OF PUBLIC WORKS
 DIVISION OF HIGHWAYS
CROSS SECTIONS
 Scale: 1 Inch=10 Feet

SURVEYOR: *Garnet* DATE: *10-56*
 FIELD BOOK NO: *240391E* DATE: *10-56*
 COUNTY: *Contra Costa*
 PROJECT: *240391E* DATE: *12-56*
 CHECKED BY: *Haller* DATE: *12-56*
 DRAWN BY: *Braden* DATE: *12-56*
 T.C. FILE: *240391E* DATE: *12-56*



1592

DIST. COUNTY. ROUTE
 VIII Rd. 19

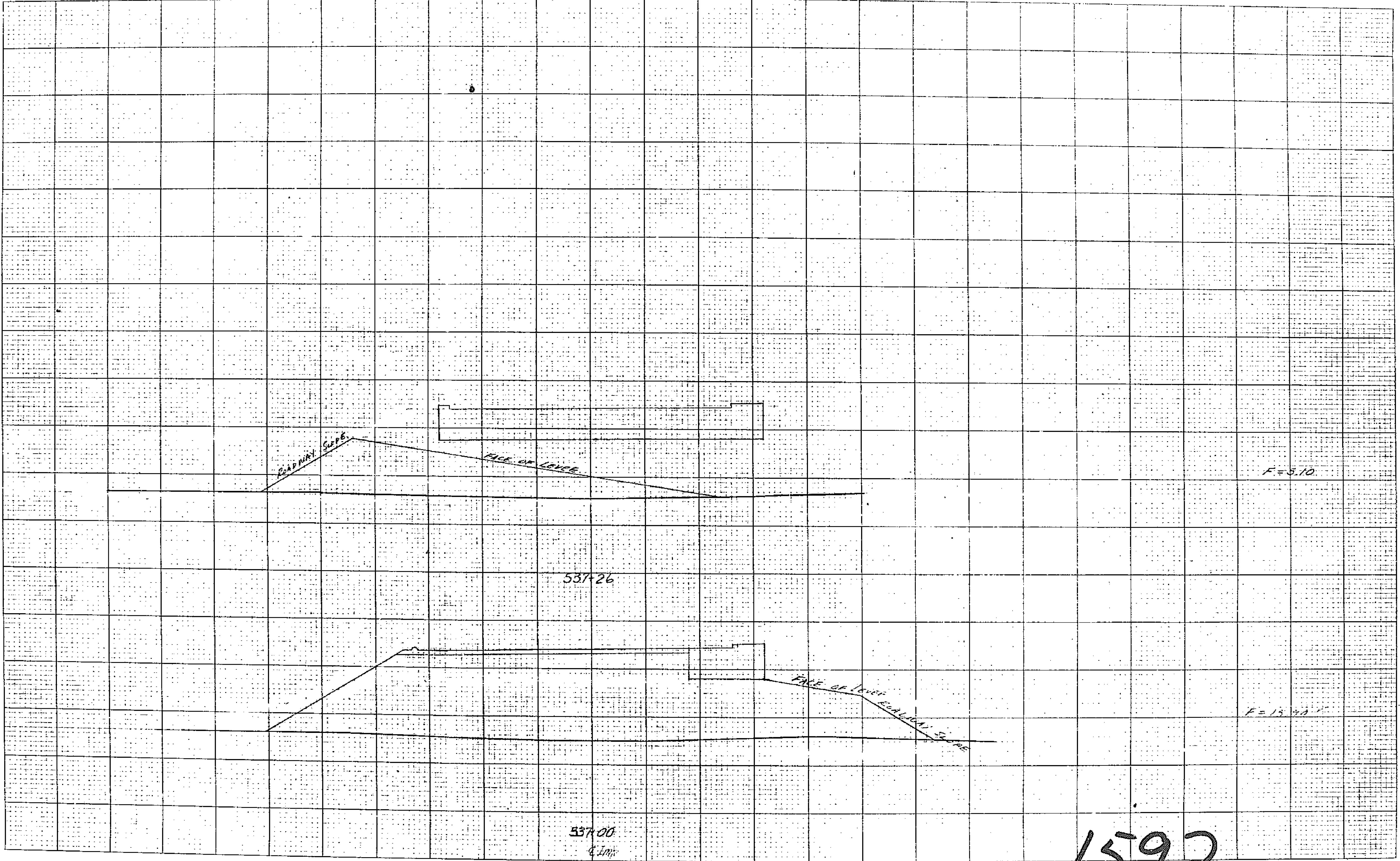
CROSS SECTIONS

Scale: 1 Inch=10 Feet

TEMPLET
 DRAWN BY: *Holler* DATE: *1-4-57*
 CHECKED BY: *Braddock* DATE: *1-4-57*
 PLANNED BY: *Braddock* DATE: *1-5-57*
 MADE BY: _____ DATE: _____

GROUND
 PLOTTED BY: *Holler* DATE: *1-2-57*
 CHECKED BY: *Braddock* DATE: *1-4-57*
 MADE BY: *Braddock* DATE: *1-7-57*

FIELD BOOK NO. _____ DATE: _____
 COUNTY: *US Corps of Engineers* DATE: *1956*



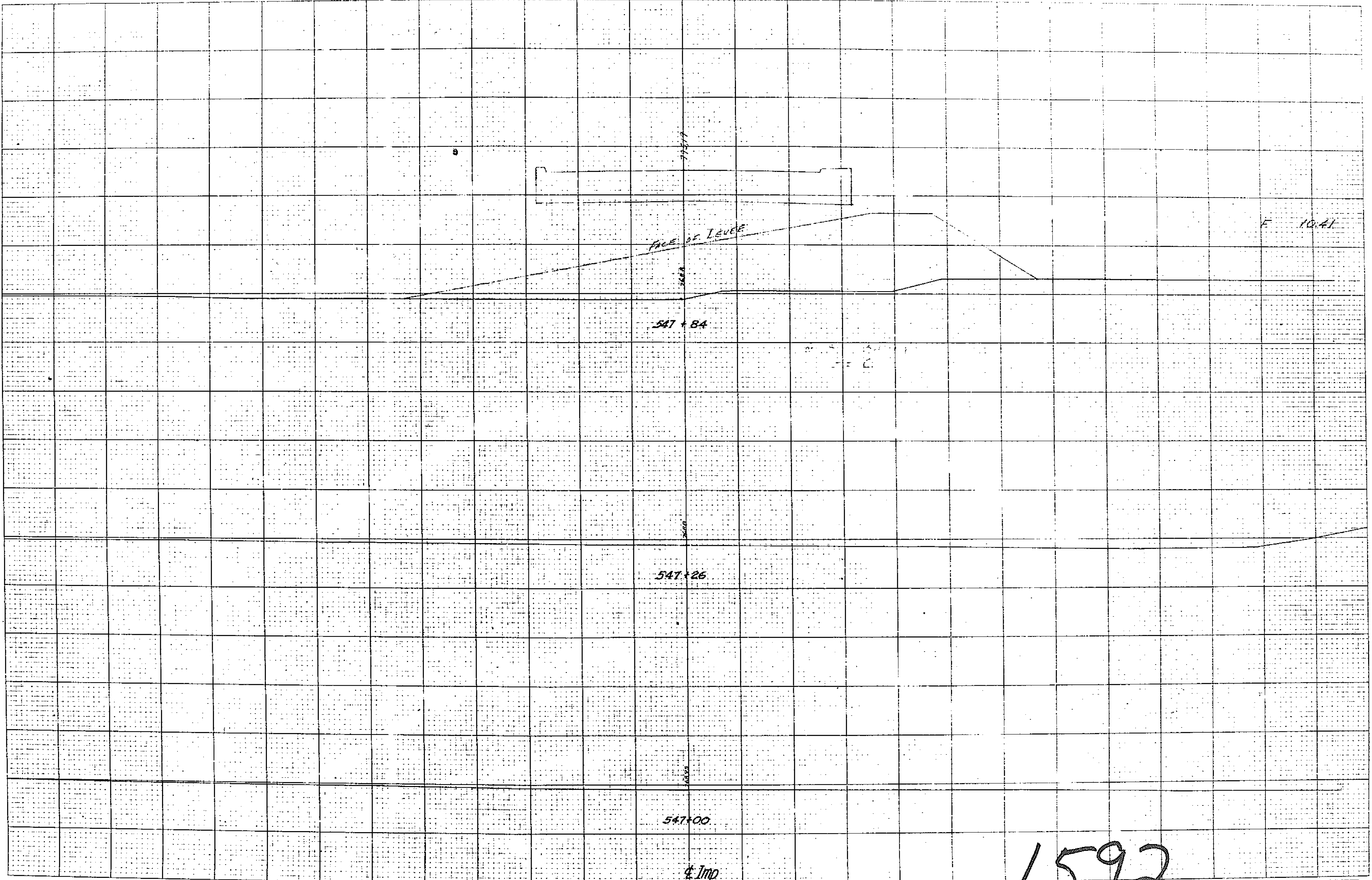
1592

| | | | |
|------|--------|-------|-------|
| DIST | COUNTY | ROUTE | SECT. |
| | | | 4 |

DIVISION OF HIGHWAYS
CROSS SECTIONS

Scale: 1 Inch=10 Feet

SURVEYED BY *Brown* DATE *12-15-56*
 FIELD BOOK NO. *210,881* DATE *10-56*
 PLOTTED BY *Brander* DATE *12-22-56*
 CHECKED BY *Haller* DATE *12-28-56*
 INKED BY *Haller* DATE *1-57*
 TEMPLET
 PLOTTED BY *Grubin* DATE *12-29-56*
 CHECKED BY *Boyd* DATE *12-29-56*
 PLANNED BY *Griffin* DATE *12-29-56*
 DESIGNED BY *Brander* DATE *1-57*



1592

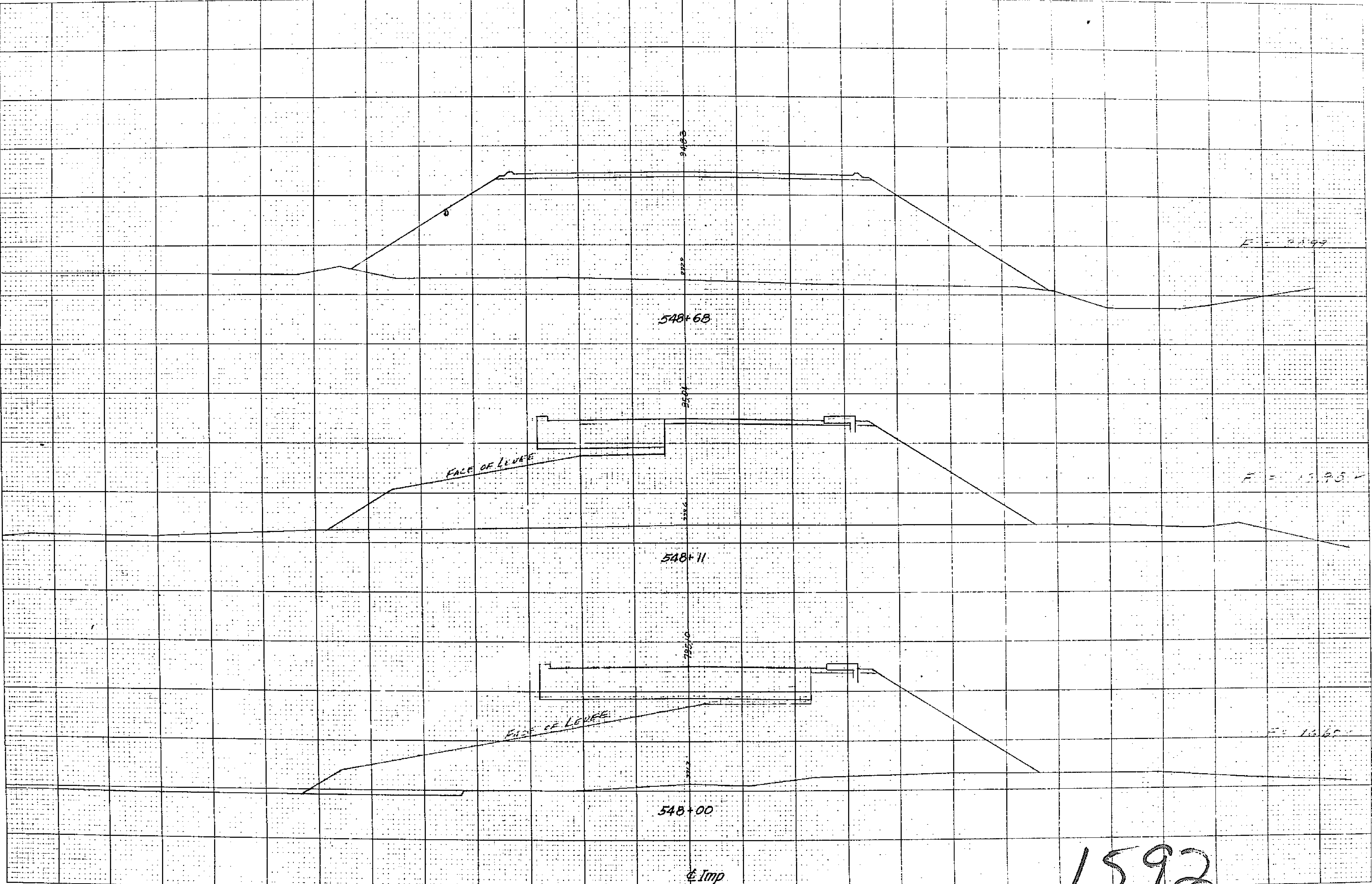
CROSS SECTIONS

Scale: 1 Inch=10 Feet

TEMPLET
 PLOTTED BY: *Grubbs* DATE: 12-29-56
 CHECKED BY: *Blanton* DATE: 12-29-56
 DRAWN BY: *Grubbs* DATE: 12-29-56
 CHECKED BY: *Blanton* DATE: 1-1-57

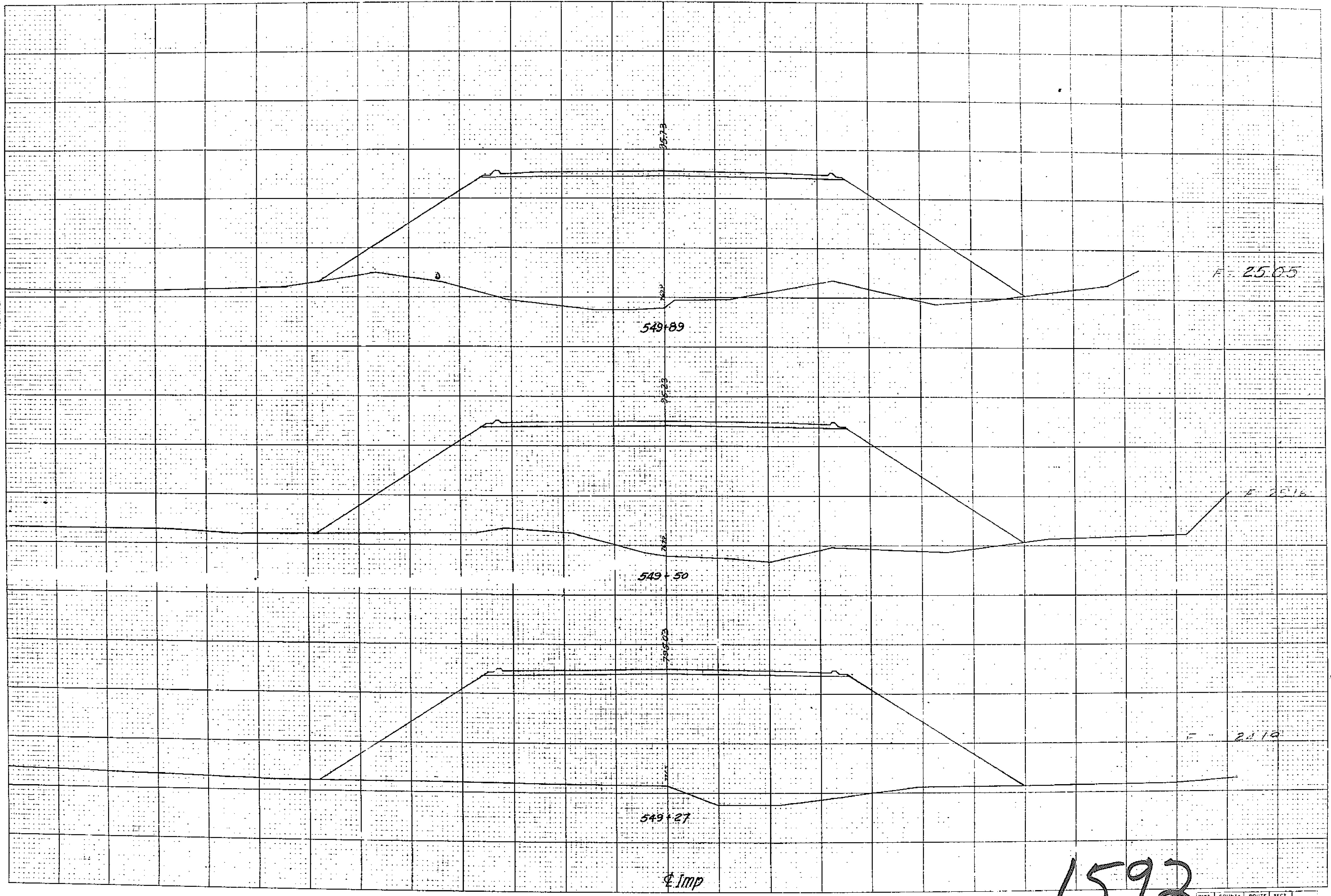
GROUND
 PLOTTED BY: *Spencer* DATE: 12-22-56
 CHECKED BY: *Heller* DATE: 12-22-56
 DRAWN BY: *Heller* DATE: 1-1-57

DRAWN BY: *Maier* DATE: 12-15-56
 CHECKED BY: *Blanton* DATE: 12-15-56
 FIELD BOOK NO. 260 321



STATE OF CALIFORNIA—DEPARTMENT OF PUBLIC WORKS
 DIVISION OF HIGHWAYS
CROSS SECTIONS
 Scale: 1 Inch=10 Feet

SURVEYED BY B.M.M. DATE 12-17-56 DIST. 19-55
 FILE NO. 260381
 GROUND: PLOTTED BY Barnick DATE 12-22-56
 CHECKED BY Heller DATE 12-29-56
 INDEX BY Heller DATE 1-9-57
 TEMPLET: CHECKED BY Gruba DATE 12-29-56
 PLOTTED BY Barnick DATE 12-22-56
 CHECKED BY Gruba DATE 12-29-56
 INDEX BY Gruba DATE 1-9-57



Imp

1592

| | | | |
|------|--------|-------|-------|
| DIST | COUNTY | ROUTE | SECT |
| VII | RIV | 19 | RIV 7 |

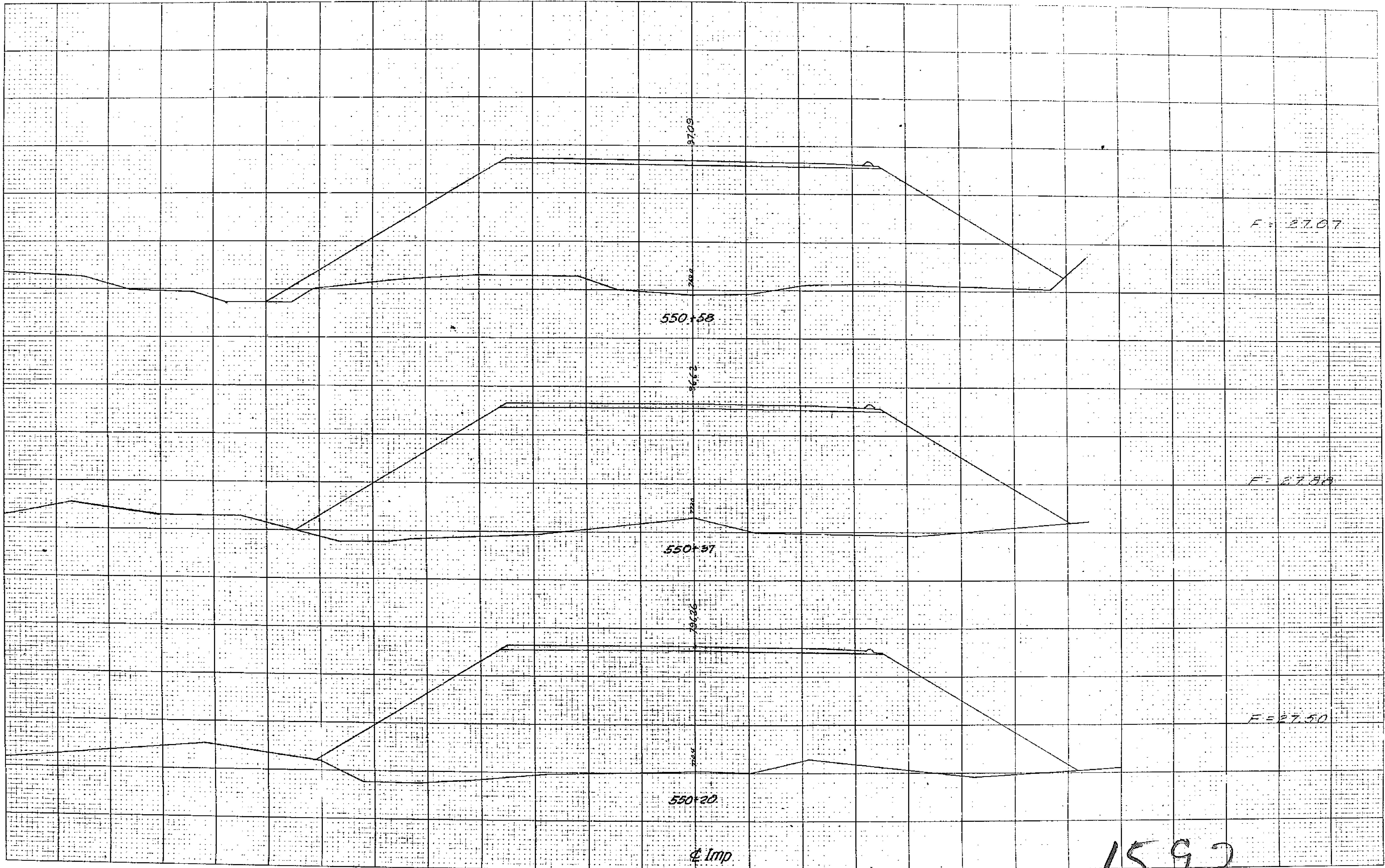
Div. No. 1-112 Cal. No. 1-132 St. No. 9

STATE OF CALIFORNIA—DEPARTMENT OF PUBLIC WORKS
 DIVISION OF HIGHWAYS
CROSS SECTIONS
 Scale: 1 Inch=10 Feet

DATE 12-29-57
 DATE 12-29-57
 DATE 12-29-57
 DATE 1-57
 DATE 12-29-56
 DATE 1-57
 DATE 10-17-56
 DATE 10-56
 FIELD BOOK NO. 260891

TEMPLET
 PLOTTED BY *Grubbs*
 CHECKED BY *Brandner*
 INCHES BY *Grubbs*
 CHECKED BY *Brandner*

GROUND
 PLOTTED BY *Brandner*
 CHECKED BY *Haller*
 INCHES BY *Haller*



F = 27.07

F = 27.50

F = 27.50

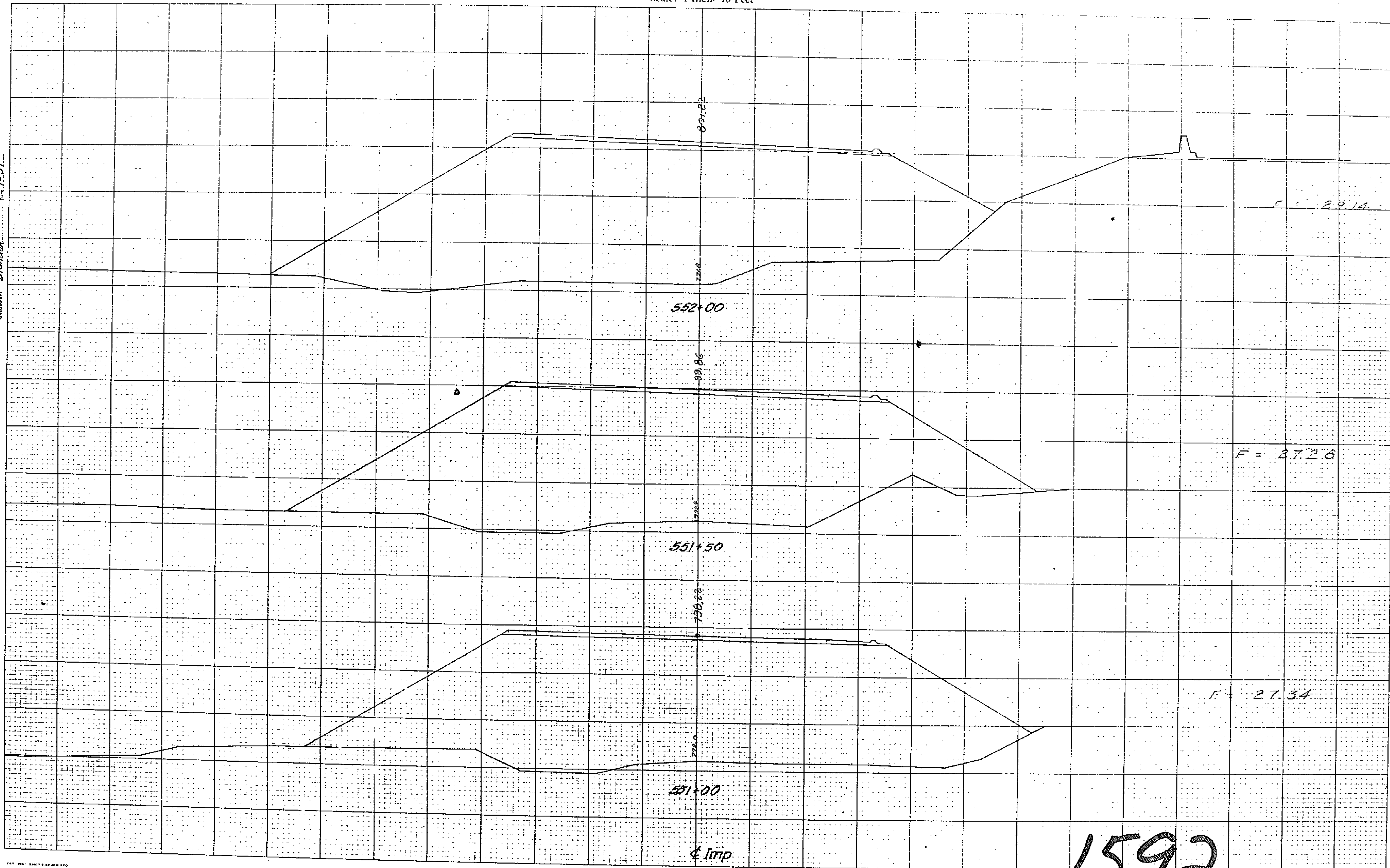
Imp

1592

| DIST | COUNTY | ROUTE | SECT |
|------|--------|-------|-------|
| VIII | RIV | 19 | RIV 8 |

STATE OF CALIFORNIA—DEPARTMENT OF PUBLIC WORKS
 DIVISION OF HIGHWAYS
CROSS SECTIONS
 Scale: 1 Inch=10 Feet

DESIGNED BY: *Brown & Macmillan* DATE: *12-17-55*
 CHECKED BY: *Heller* DATE: *10-55*
 DRAWN BY: *260 BBI*
 SURVEYED BY: *Brown & Macmillan* DATE: *12-22-55*
 CHECKED BY: *Heller* DATE: *1-57*
 PLANNED BY: *Grubbs* DATE: *12-27-54*
 CHECKED BY: *Brundage* DATE: *12-29-56*
 DRAWN BY: *Grubbs* DATE: *12-29-56*
 CHECKED BY: *Brundage* DATE: *1-57*



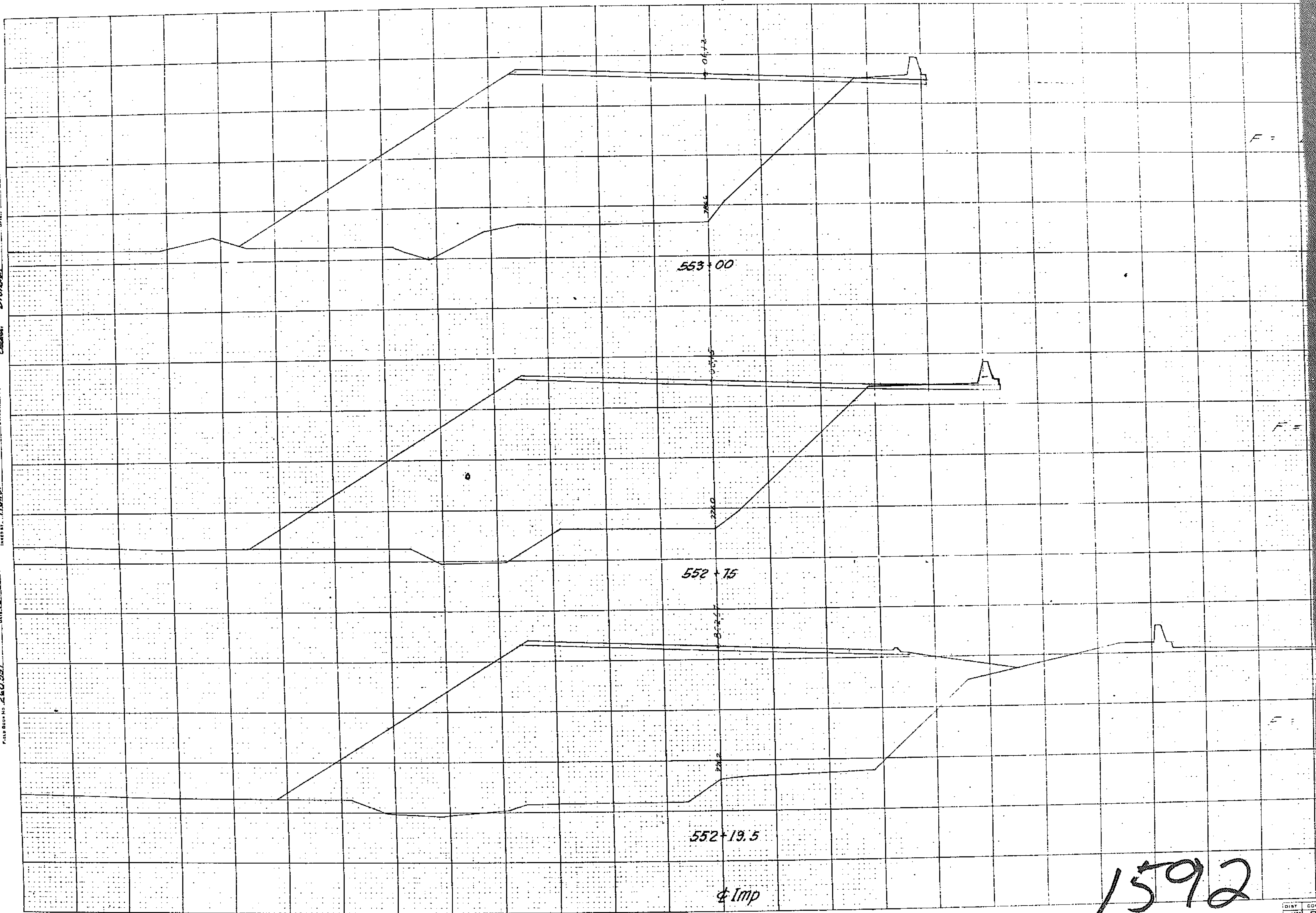
F = 29.14
 F = 37.26
 F = 27.34

1592

| DIST | COUNTY | ROUTE | SECT |
|------|--------|-------|------|
| VII | EV | 19 | RW 9 |

STATE OF CALIFORNIA—DEPARTMENT OF PUBLIC WORKS
 DIVISION OF HIGHWAYS
CROSS SECTIONS
 Scale: 1 Inch=10 Feet

SURVEYOR: *Kerman* DATE: *12-19-56*
 FIELD BOOK NO. *240.991* DATE: *10-56*
 CHECKED BY: *Haller* DATE: *12-22-56*
 DRAWN BY: *Haller* DATE: *1-57*
 CHECKED BY: *Grubb* DATE: *12-29-56*
 DRAWN BY: *Grubb* DATE: *1-57*

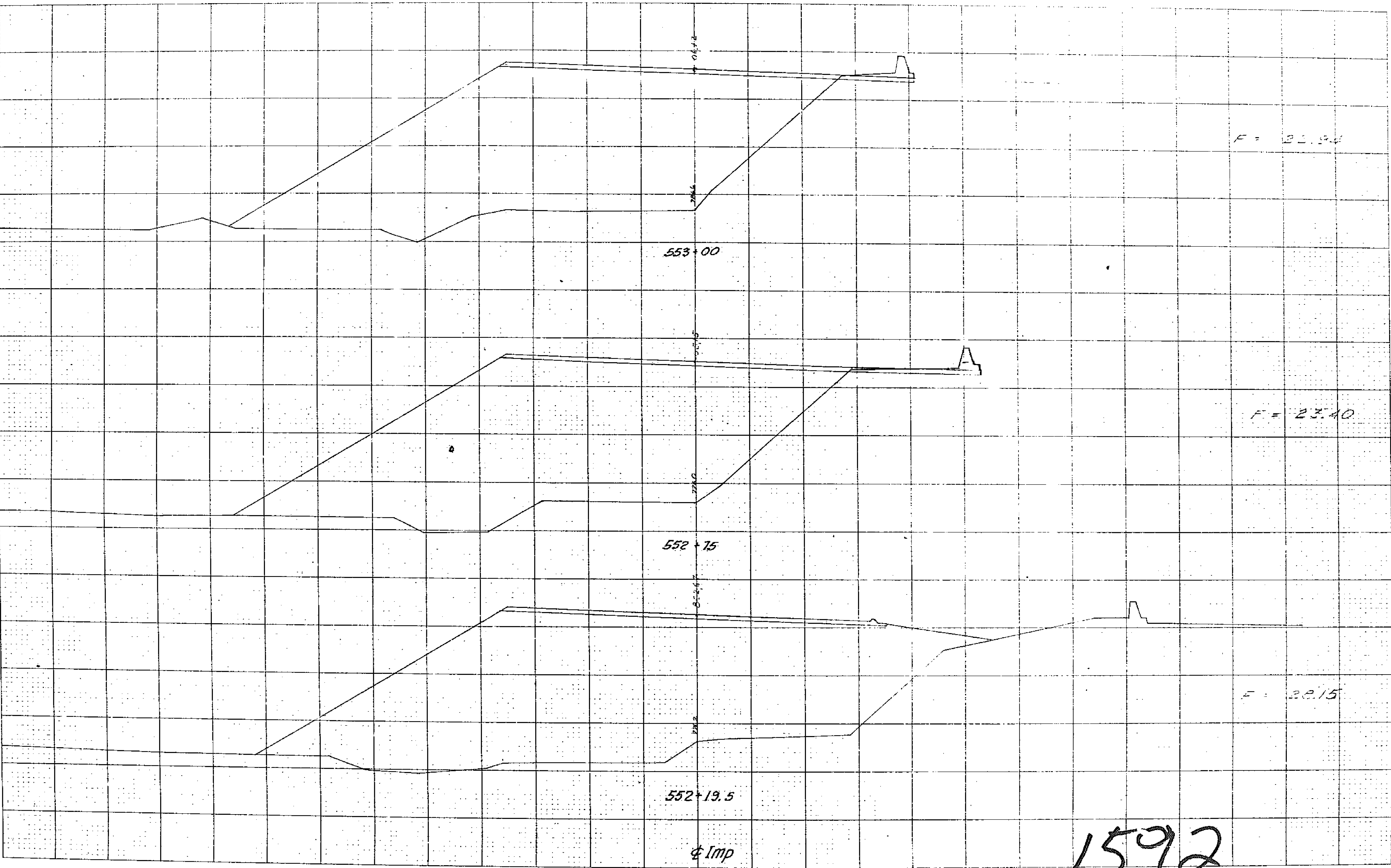


1592

CROSS SECTIONS

Scale: 1 Inch=10 Feet

BUYER BY: *Herman* DATE: *12-19-56*
 FIELD BOOK NO: *260 991* DATE: *10-56*
 PLOTTED BY: *Branden* DATE: *12-28-56*
 CHECKED BY: *Haller* DATE: *12-28-56*
 DRAWN BY: *Haller* DATE: *1-57*
 PLANNED BY: *Branden* DATE: *12-29-56*
 CHECKED BY: *Branden* DATE: *1-57*
 TEMPLET DATE: *12-27-56*



F = 23.90

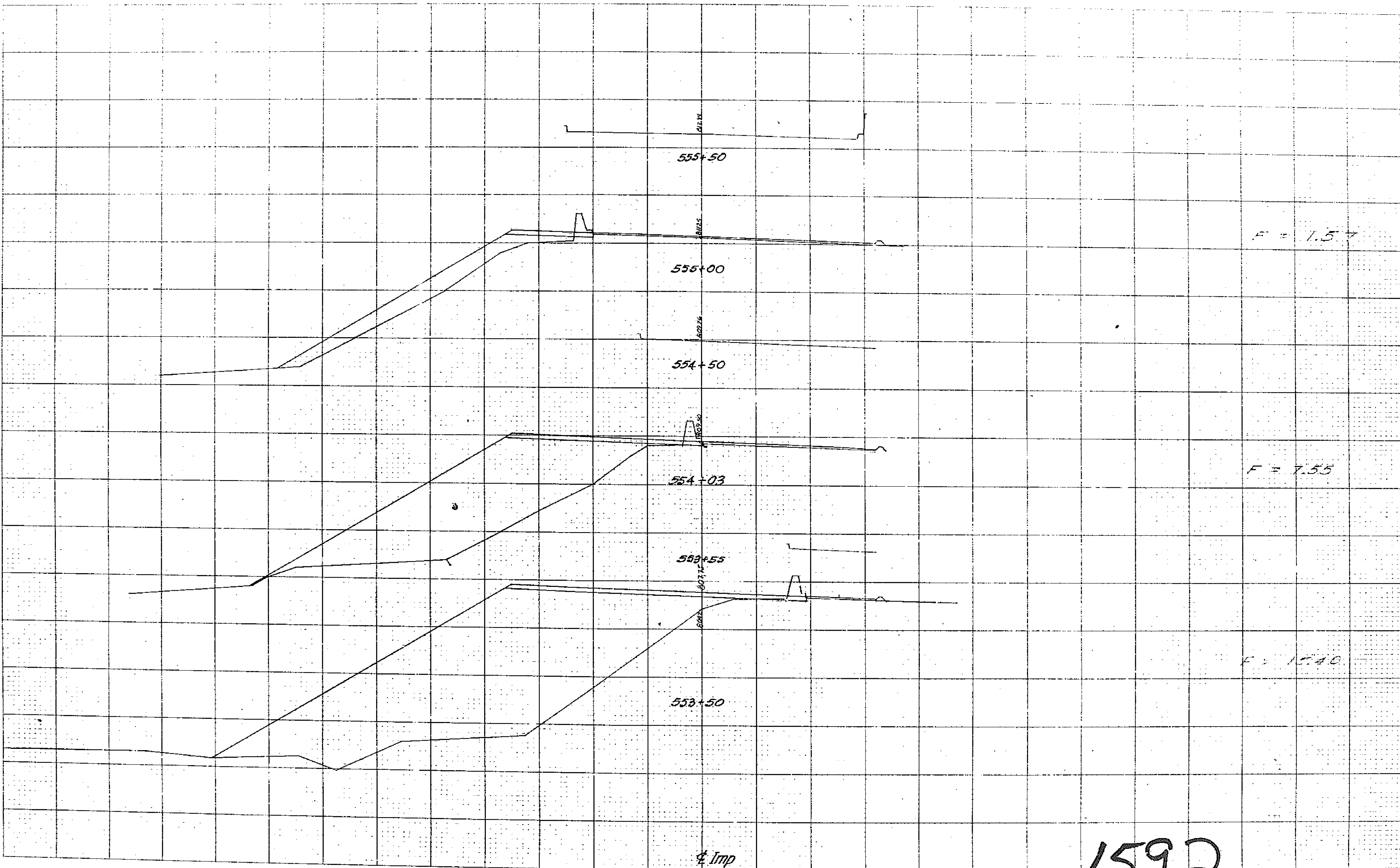
F = 23.40

F = 23.15

1592

STATE OF CALIFORNIA—DEPARTMENT OF PUBLIC WORKS
 DIVISION OF HIGHWAYS
CROSS SECTIONS
 Scale: 1 Inch = 10 Feet

SUPERVISOR: *Barth* DATE: *11-18-56*
 FIELD BOOK NO: *262891* DATE: *10-26*
 PLANNED BY: *Grange* DATE: *12-27-56*
 CHECKED BY: *Haller* DATE: *12-28-56*
 DESIGNED BY: *Haller* DATE: *1-57*
 CHECKED BY: *Grange* DATE: *1-57*
 DESIGNED BY: *Brandon* DATE: *1-57*
 CHECKED BY: *Brandon* DATE: *1-57*

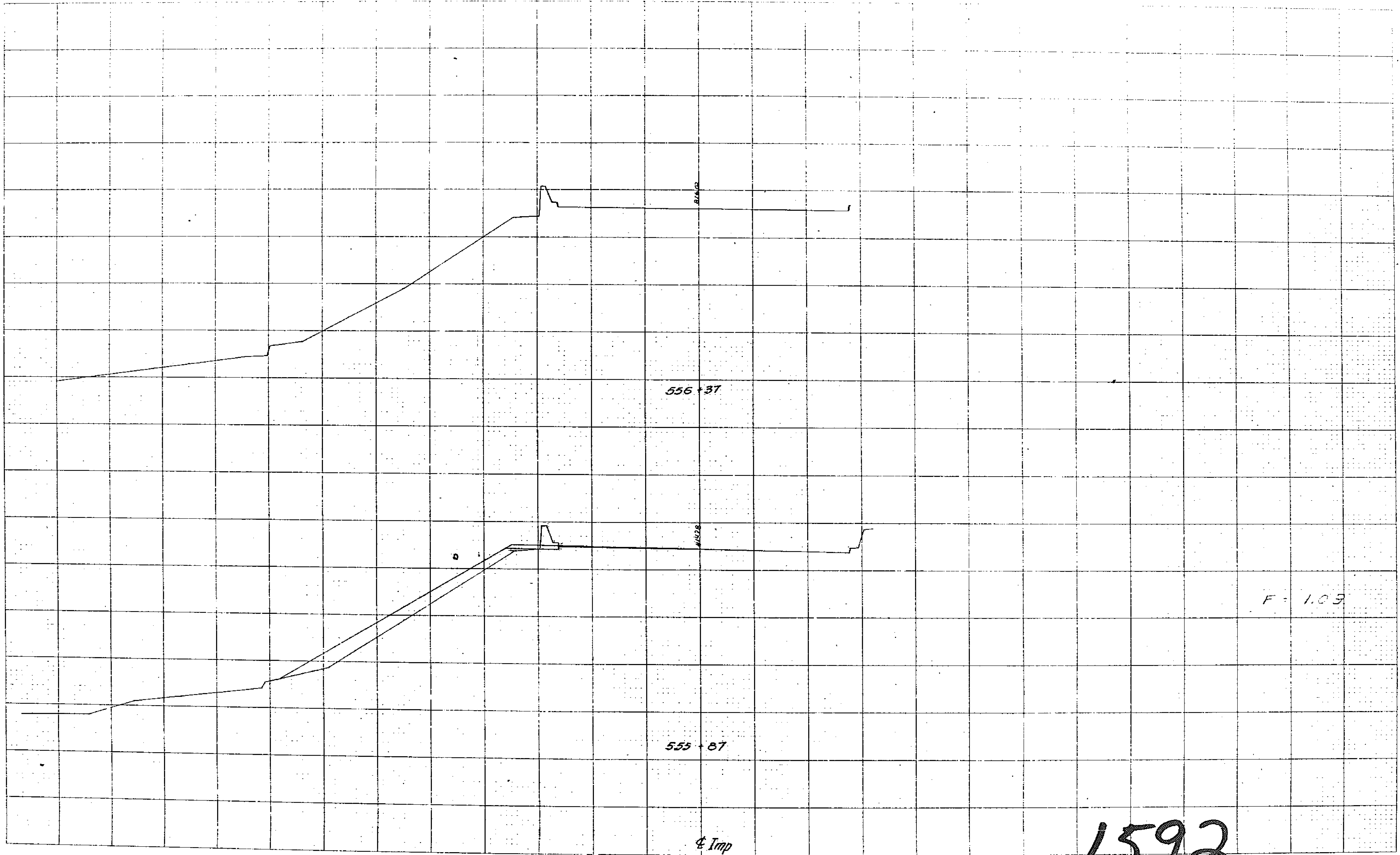


1592

| | | | |
|------|--------|-------|--------|
| DIST | COUNTY | ROUTE | SHEET |
| VIII | RIV | 19 | RIV 11 |

CROSS SECTIONS

Scale: 1 Inch = 10 Feet



ENGINEER: *Beum* DATE: 12-18-56
CHECKED: *Haller* DATE: 10-56
DESIGNED: *Haller* DATE: 10-56
PLANNED: *Haller* DATE: 1-57
CONSTRUCTION: *Haller* DATE: 1-57
SUPERVISOR: *Brandon* DATE: 1-57
DRAWN: *Brandon* DATE: 1-57
PROJECT NO: 260891

556 + 37

555 + 87

F = 1.03

& Imp

1592

| DIST | COUNTY | ROUTE | SECT |
|------|--------|-------|--------|
| VIII | Riv | 19 | Riv 12 |

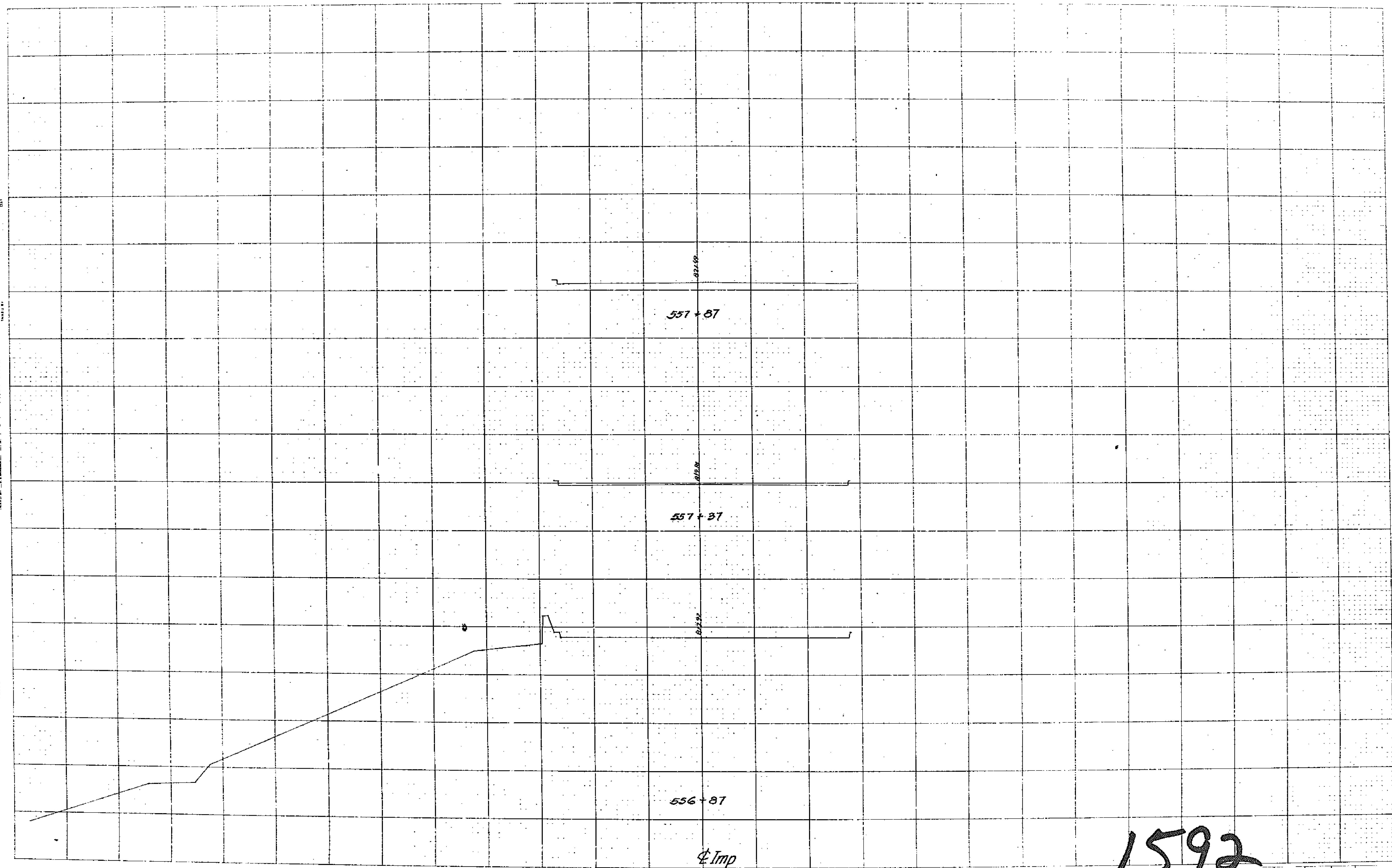
CROSS SECTIONS

Scale: 1 Inch = 10 Feet

TEMPLET

GROUND

SUPERVISOR: *Brum* DATE: *12-18-56* DATE: *12-22-56*
 FIELD BOOK NO: *260391* DAY: *10-56* DAY: *12-56*
 PLASTER: *Brandson* CHECKED BY: PLANNED BY: DRAWN BY:



1592

| | | | |
|------|--------|-------|--------|
| DIST | COUNTY | ROUTE | SECT |
| VIII | Riv | 19 | Riv 13 |



MATCH LINE FOR SHEET 2

LEGEND

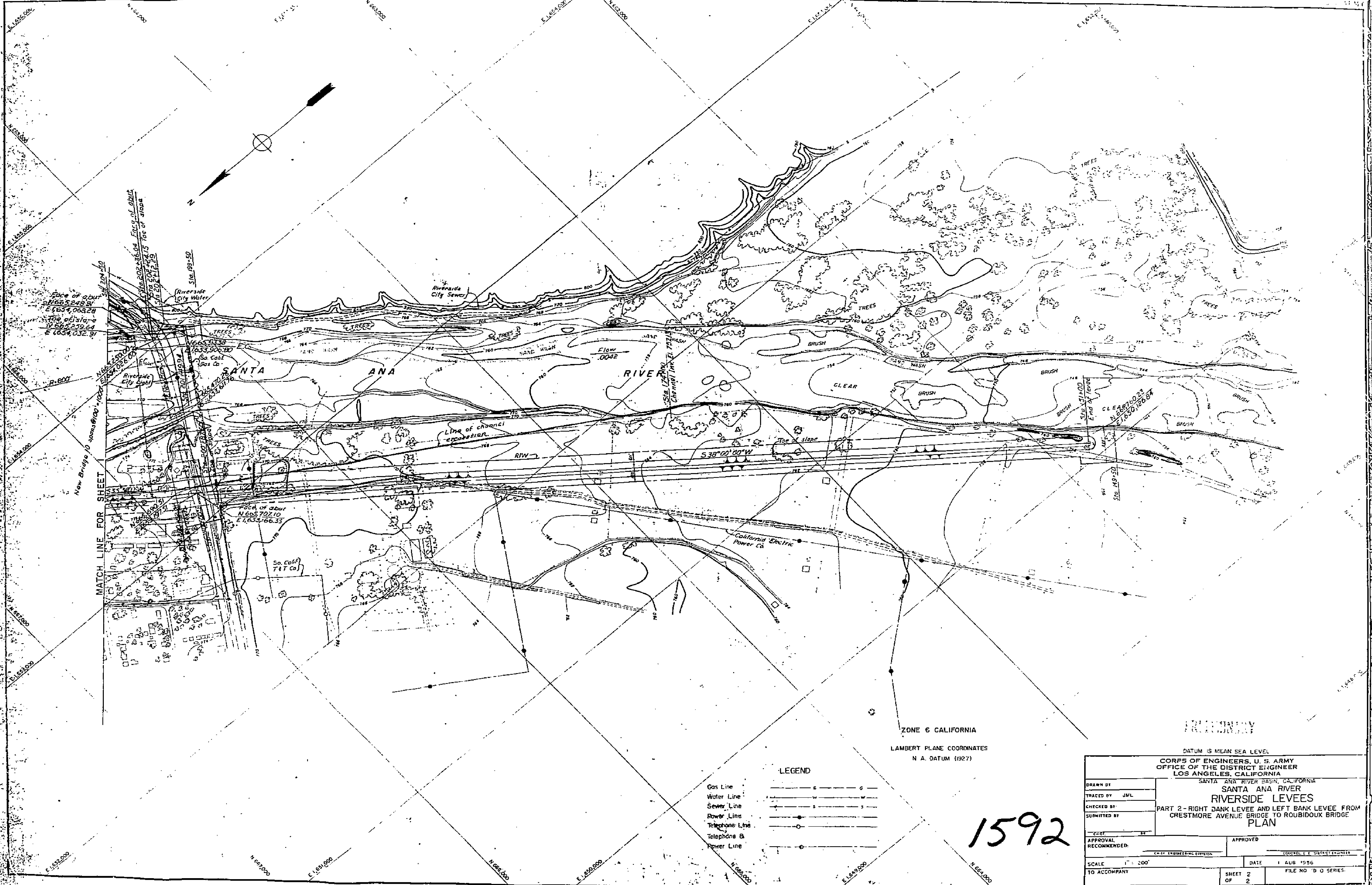
| | |
|----------------|-----|
| Gas Line | --- |
| Water Line | --- |
| Sewer Line | --- |
| Power Line | --- |
| Telephone Line | --- |
| Telephone B | --- |
| Power Line | --- |

PRELIMINARY

ZONE 6 CALIFORNIA
 LAMBERT PLANE COORDINATES
 N. A. DATUM (1927)

1592

| | |
|---|---|
| DATUM IS MEAN SEA LEVEL CORPS OF ENGINEERS, U. S. ARMY OFFICE OF THE DISTRICT ENGINEER LOS ANGELES, CALIFORNIA | |
| DRAWN BY: A. S. TRACED BY: A. S. CHECKED BY: SUPPLIED BY: | SANTA ANA RIVER BASIN, CALIFORNIA SANTA ANA RIVER RIVERSIDE LEVEES PART 2-RIGHT BANK LEVEE AND LEFT BANK LEVEE FROM CRESTMORE AVENUE BRIDGE TO ROUBIDOUX BRIDGE PLAN |
| APPROVAL RECOMMENDED: TO ACCOMPANY: | APPROVED: DATE: AUG. 1956 SHEET OF: |



MATCH LINE FOR SHEET

Face of abutment
 N 65° 32' 48" E
 E 1657,063.28
 106.06131
 W 68° 02' 59.64
 E 1654,032.91

Face of abutment
 N 65° 30' 00" E
 E 1653,906.80
 So. Calif. Gas Co.

Face of abutment
 N 65° 30' 00" E
 E 1653,906.80
 So. Calif. Gas Co.

Face of abutment
 N 65° 30' 00" E
 E 1653,906.80
 So. Calif. Gas Co.

Face of abutment
 N 65° 30' 00" E
 E 1653,906.80
 So. Calif. Gas Co.

New Bridge to spans 8100' - 1000'

Riverside City Water

Riverside City Sewer

California Electric Power Co.

Line of channel

Flow .0042

SANTA ANA RIVER

BRUSH

CLEAR

TRESSES

SAND WEIR

Flow .0042

SANTA ANA RIVER

BRUSH

CLEAR

TRESSES

SAND WEIR

LEGEND

| | |
|----------------|-----------|
| Gas Line | — G — G — |
| Water Line | — W — W — |
| Sewer Line | — S — S — |
| Power Line | — P — P — |
| Telephone Line | — T — T — |
| Telephone B | — B — B — |
| Power Line | — P — P — |

ZONE 6 CALIFORNIA
 LAMBERT PLANE COORDINATES
 N. A. DATUM (1927)

1592

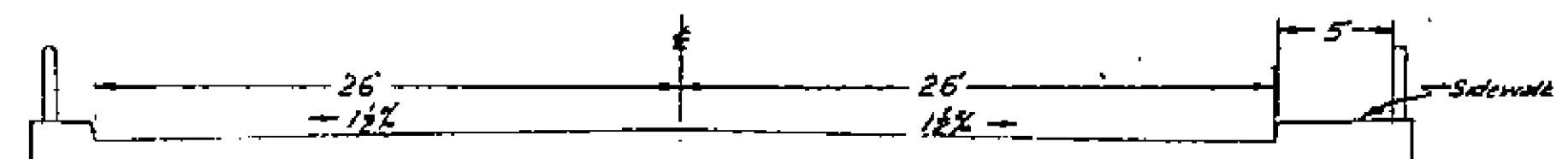
DATUM IS MEAN SEA LEVEL

CORPS OF ENGINEERS, U. S. ARMY
 OFFICE OF THE DISTRICT ENGINEER
 LOS ANGELES, CALIFORNIA

SANTA ANA RIVER BASIN, CALIFORNIA
 SANTA ANA RIVER
 RIVERSIDE LEVEES
 PART 2 - RIGHT BANK LEVEE AND LEFT BANK LEVEE FROM
 CRESTMORE AVENUE BRIDGE TO ROUBIDOUX BRIDGE
 PLAN

| | | | |
|-----------------------|--------------|--------------|------------|
| DRAWN BY | JML | CHECKED BY | |
| TRACED BY | JML | SUBMITTED BY | |
| APPROVAL RECOMMENDED: | | APPROVED: | |
| SCALE | 1" = 200' | DATE | 1 AUG 1956 |
| TO ACCOMPANY | SHEET 2 OF 2 | FILE NO | D O SERIES |

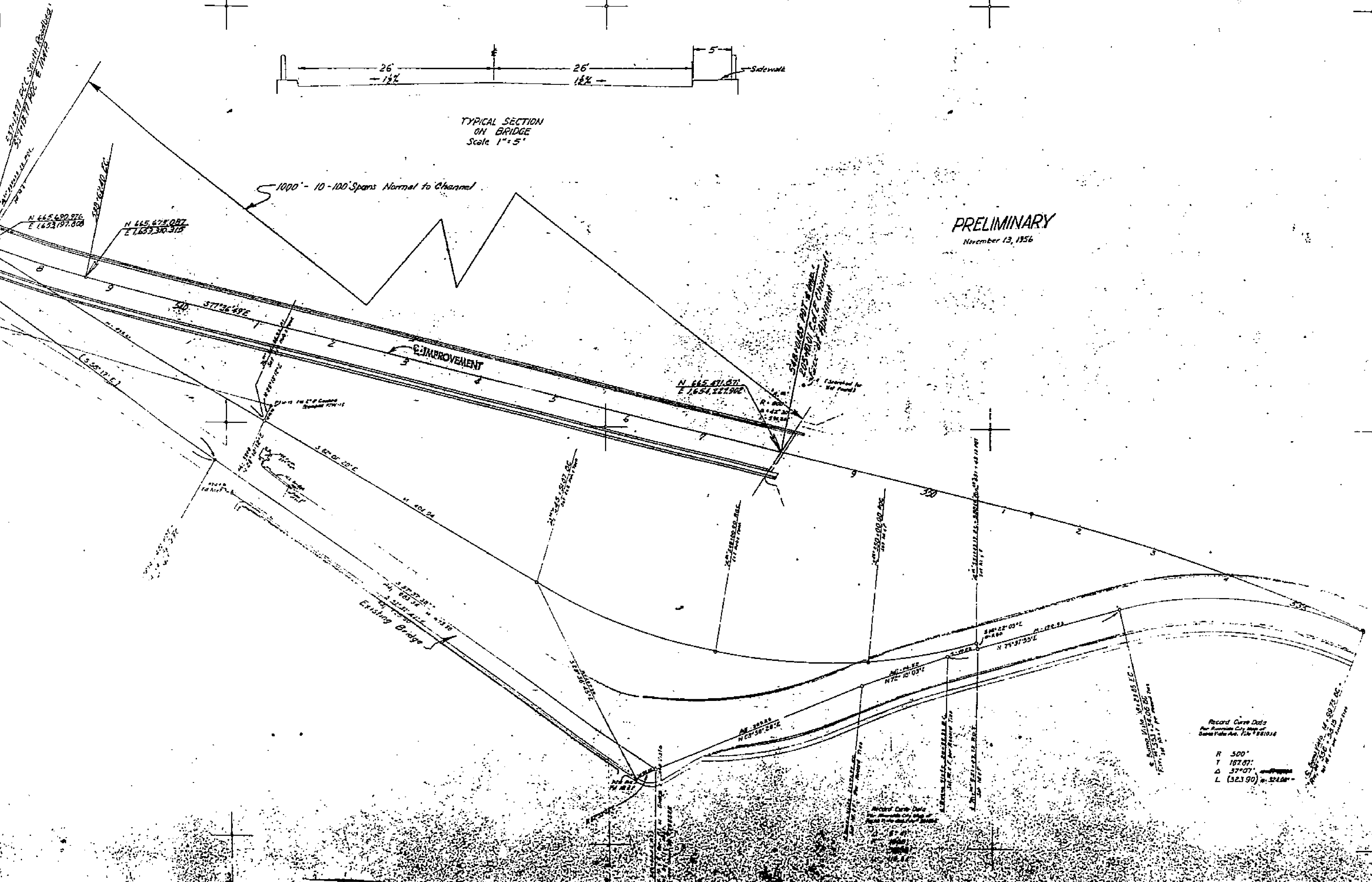
1550
1551
1552



TYPICAL SECTION
ON BRIDGE
Scale 1" = 5'

1000' - 10 - 100 Spans Normal to Channel

PRELIMINARY
November 13, 1956

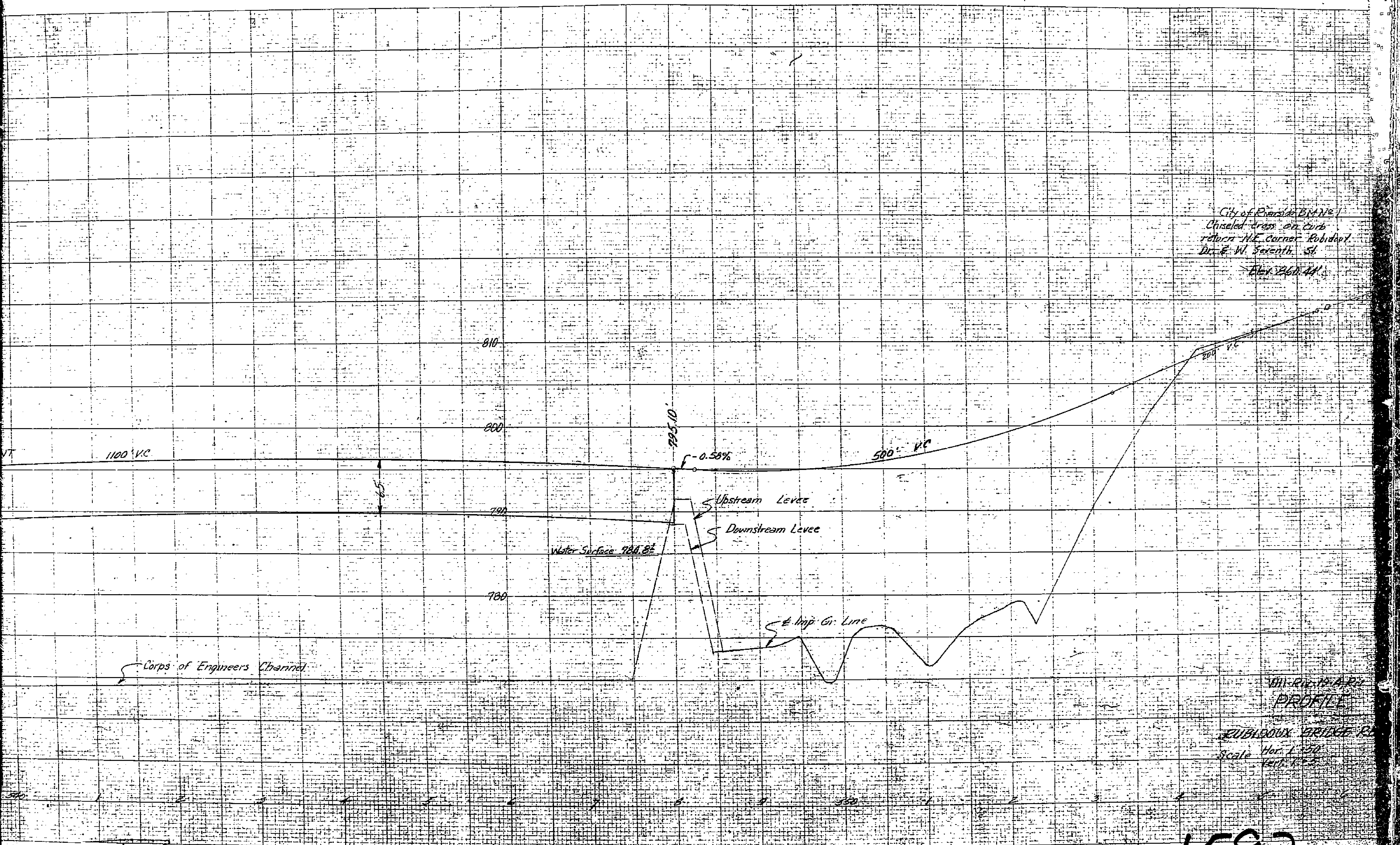


Record Curve Data
For Stationing
See Table No. 120 141014
R 500'
T 167.07'
Δ 37° 07'
L (323.90) = 324.00'

FRAMES 1 of 2

1592

JOSE HYUN CORP.



Corps of Engineers Channel

W. R. H. A. R. I.
PROFILE
ROBIDOUX BRIDGE R.
Scale Hor. 1" = 50'
Vert. 1" = 5'

PERFECT COPY SECTION
ON 10 x 14 SHEET

PRINTED IN U.S.A.
ON 100% RECYCLED PAPER

PERFECT COPY SECTION
ON 10 x 14 SHEET

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ON 100% RECYCLED PAPER

PERFECT COPY SECTION
ON 10 x 14 SHEET

BM #54
4' in base of tower
212' RL 541+09.3 ROT
& Imp
Elev. 180.25'

