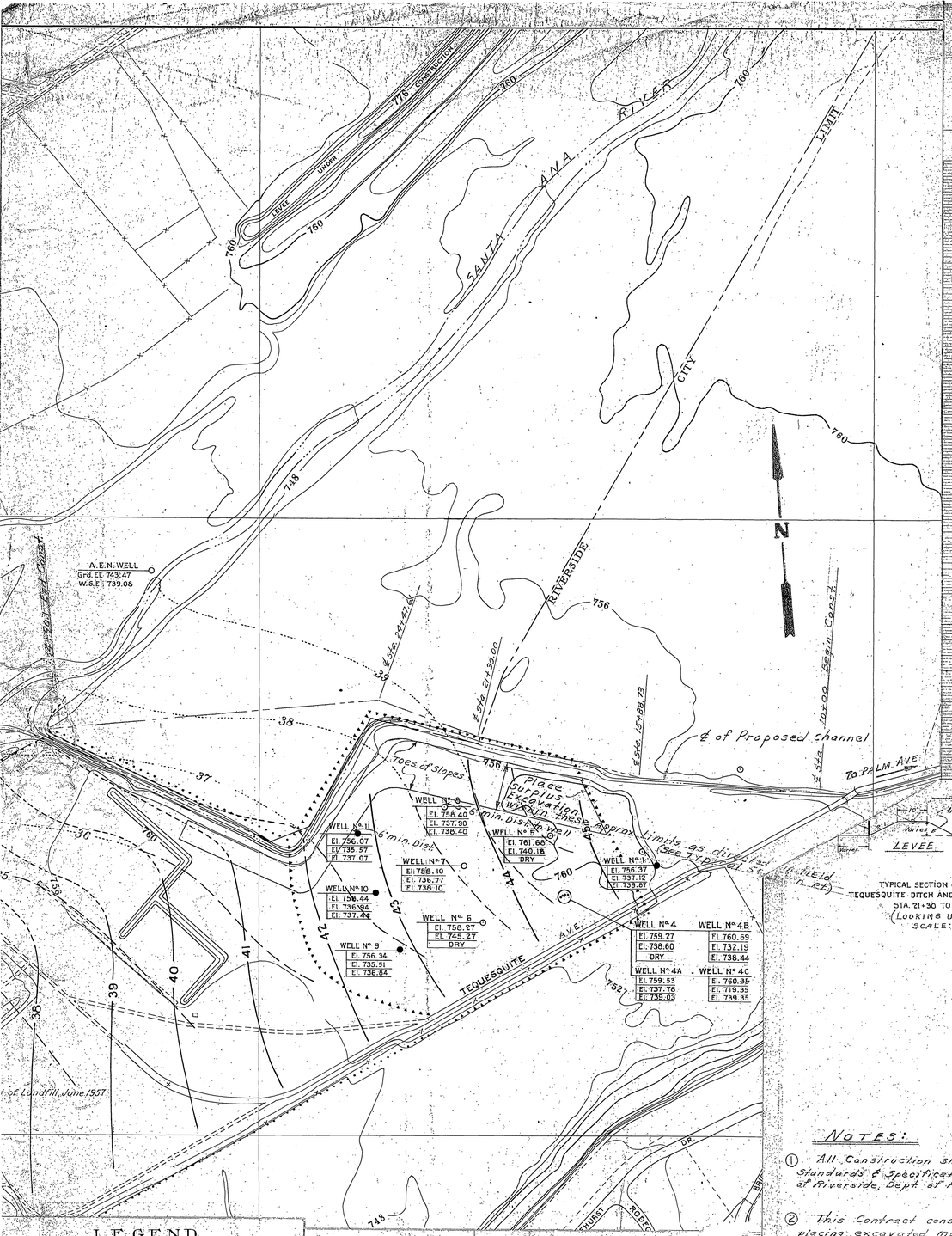


LEGEND

WELL No. 10
Elev. - Top of Casing
Elev. - Bottom of Well
Elev. - Water Surface

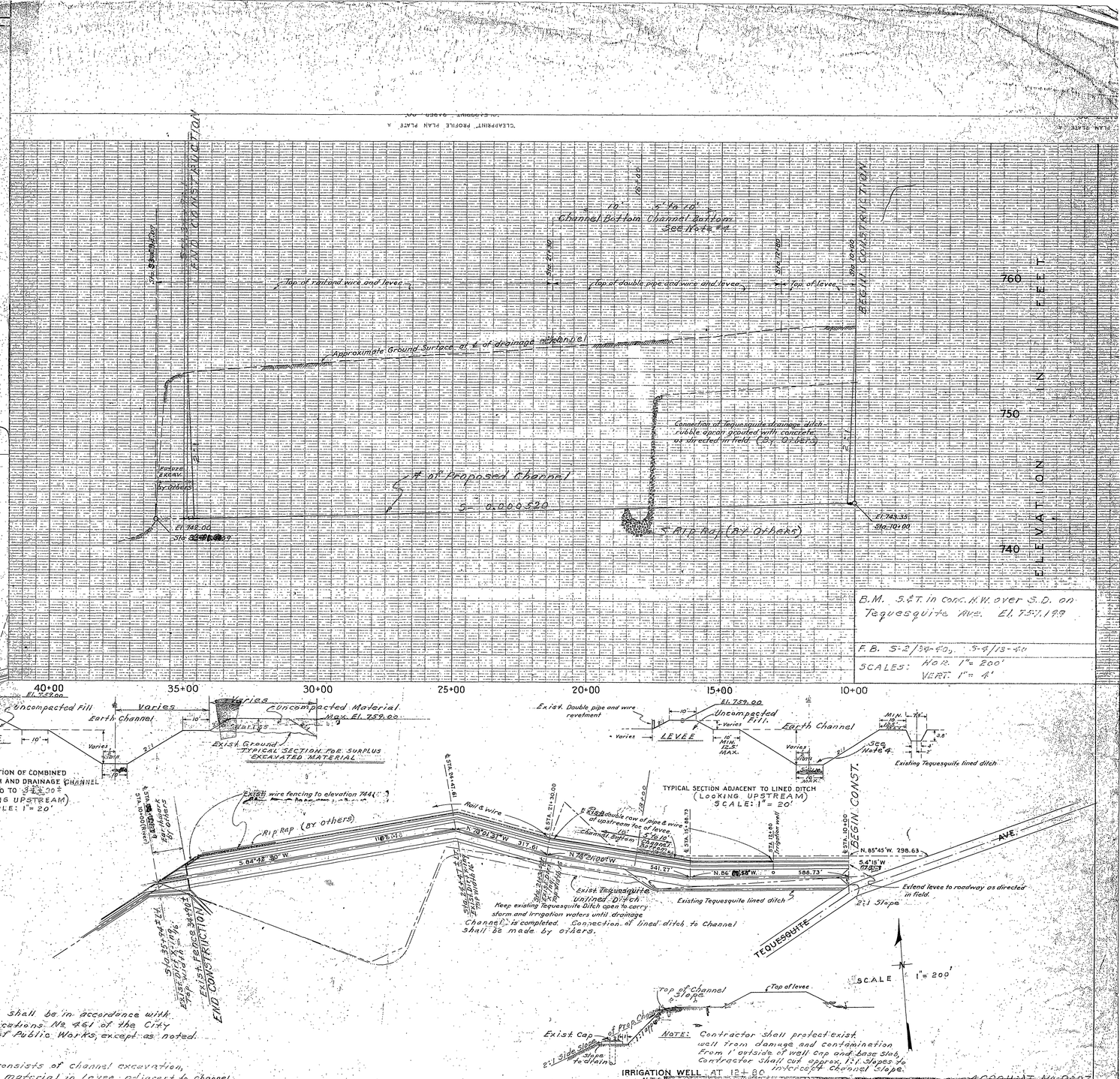
- Well Sampled
- April 1954 Contours (Ground Water)
- November 1961 Contours (Ground Water)
- Limits of burning dump early 1930's to 1946
- Cut and fill 1948 to present

CITY OF RIVERSIDE

SANITARY LANDFILL

VICINITY PLAT
SHOWING PROPOSED CHANNEL LOCATION AND SITE FOR PLACING SURPLUS EXCAVATION

SCALE 1" = 200'



NOTES:

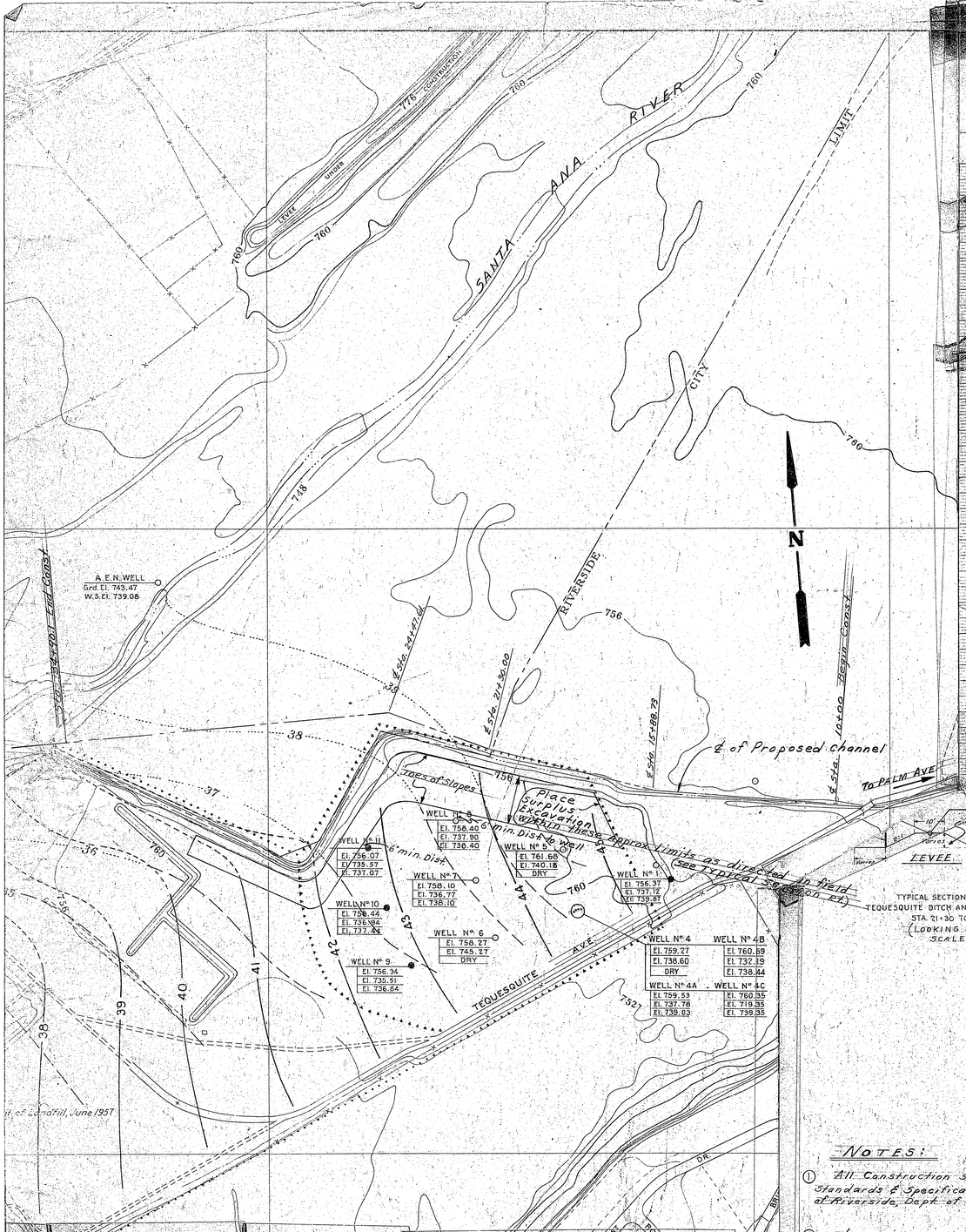
1. All Construction shall be in accordance with Standards & Specifications No. 461 of the City of Riverside, Dept. of Public Works, except as noted.
2. This Contract consists of channel excavation, placing excavated material in Levee adjacent to channel, and placing surplus excavated material in levee at location shown on the plan or as directed by the Engineer.
3. No Compaction or water will be required in fill sections
4. Adjacent to exist. Tequesquite lined ditch, Contractor may select width of channel bottom from 5' min. to 10' max. Width selected shall be constant throughout length of channel from Sta. 10+00 to Sta. 18+00.
5. Attention is directed to exist. channel fencing which Contractor shall protect from damage.

This Plan adapted from Plan prepared by Finley E. Lavery, C.E.

REVISIONS			CITY OF RIVERSIDE, CALIFORNIA
MARK	DATE	DESCRIPTION	DEPARTMENT OF PUBLIC WORKS
			CHANNEL & LEVEE CONST. FOR PROTECTION OF SANITARY FILL

DESIGNED BY
DRAWN BY
CHECKED BY
RECOMMENDED BY
ASSISTANT CITY ENGINEER
APPROVED BY
DIRECTOR OF PUBLIC WORKS
DATE

D-8
SHEET 1 OF 5 SHEETS


SANTA ANA RIVER
CITY LIMIT
RIVERSIDE
TEQUESQUITE AVE.
TO PALM AVE
760
756
752
748
744
740
736
732
38
39
40
41
42
43
44
37
36
35
℄ of Proposed Channel
℄ Sta. 14+00 Begin Const.
℄ Sta. 15+68.73
℄ Sta. 21+80.00
℄ Sta. 22+47.16
Toes of Slopes
Place Surplus Excavation Within This Area
Approx. Limits as directed in field (See Typical Section ex)
6 min. Dist.
A.E.N. WELL
Grd. El. 743.47
W.S. El. 739.08
WELL N° 11
El. 736.07
El. 735.57
El. 737.07
WELL N° 8
El. 756.46
El. 737.90
El. 736.40
WELL N° 5
El. 761.68
El. 740.18
DRY
WELL N° 7
El. 758.10
El. 736.77
El. 736.10
WELL N° 10
El. 738.44
El. 736.94
El. 737.44
WELL N° 6
El. 756.27
El. 745.27
DRY
WELL N° 9
El. 756.34
El. 735.51
El. 736.84
WELL N° 1
El. 756.37
El. 731.12
Ref. 739.87
WELL N° 4
El. 759.27
El. 738.60
DRY
WELL N° 4A
El. 759.53
El. 737.78
El. 739.03
WELL N° 4B
El. 760.69
El. 732.19
El. 738.44
WELL N° 4C
El. 760.35
El. 719.35
El. 739.35
Sta. 35+99.09
Sta. 35+42.09
Sta. 21+30
Sta. 18+00
Sta. 15+68.73
Sta. 10+00
Sta. 7+00
Sta. 3+42.09
Sta. 0+00
Sta. 35+99.09
El. 742.00
Future Excav. By Others
2:1
10'
5' to 10'
Channel Bottom
Channel Bottom See Note #4
Top of rail and wire and levee
Top of double pipe and wire and levee
Top of levee
Approximate Ground Surface at ℄ of drainage Channel
Connection of Tequesquite drainage ditch-rubble apron grouted with concrete as directed in field. (By Others)
℄ of Proposed Channel
S = 0.0100520
S Rip Rap (By Others)
El. 743.35
Sta. 10+00
BEGIN CONSTRUCTION
END CONSTRUCTION
ELEVATION
B.M. S&T in Conc. H.W. over S.D. on Tequesquite Ave. El. 757.199
F.B. S-2/39-40, S-4/13-40
SCALES: HOR. 1"= 200'
VERT. 1"= 4'
40+00 El. 759.00
35+00
30+00
25+00
20+00
15+00
10+00
Uncompacted Fill
Varies
Earth Channel
LEVEE
10'
Varies
2:1
Uncompacted Material
Max. El. 759.00
EXIST. Ground
TYPICAL SECTION FOR SURPLUS EXCAVATED MATERIAL
TYPICAL SECTION OF COMBINED TEQUESQUITE DITCH AND DRAINAGE CHANNEL STA. 21+30 TO 34+90 ±
(LOOKING UPSTREAM)
SCALE: 1"= 20'
Exist. Double pipe and wire revetment
Exist. wire fencing to elevation 764
Rip Rap (By Others)
Exist. Tequesquite Unlined Ditch
Keep existing Tequesquite Ditch open to carry storm and irrigation waters until drainage Channel is completed. Connection of lined ditch to Channel shall be made by others.
Existing Tequesquite lined ditch
Exist. double row of pipe & wire at toe of berm face of levee
Channel Bottom
Varies
MIN. 12.5' MAX.
MIN. 10'
MAX. 18'
See Note 4
Existing Tequesquite lined ditch
TYPICAL SECTION ADJACENT TO LINED DITCH
(LOOKING UPSTREAM)
SCALE: 1"= 20'
Extend levee to roadway as directed in field.
2:1 Slope
TEQUESQUITE AVE.
SCALE 1"= 200'
Top of channel slope
Top of levee
Exist Cap
Prop. Channel
Slope pavement
2:1 Slope
NOTE: Contractor shall protect exist well from damage and contamination from 1' outside of well cap and base slab. Contractor shall cut approx. 1:1 slopes to intercept channel slope.
IRRIGATION WELL AT 12+80
N.T.S.
(Looking Downstream)
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This Plan adapted from Plan prepared by Finley B. Laverty C.E.
LEGEND
WELL N° 10
Elev. - Top of Casing
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Well Sampled
April 1954 Contours (Ground Water)
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Limits of burning dump early 1930's to 1946
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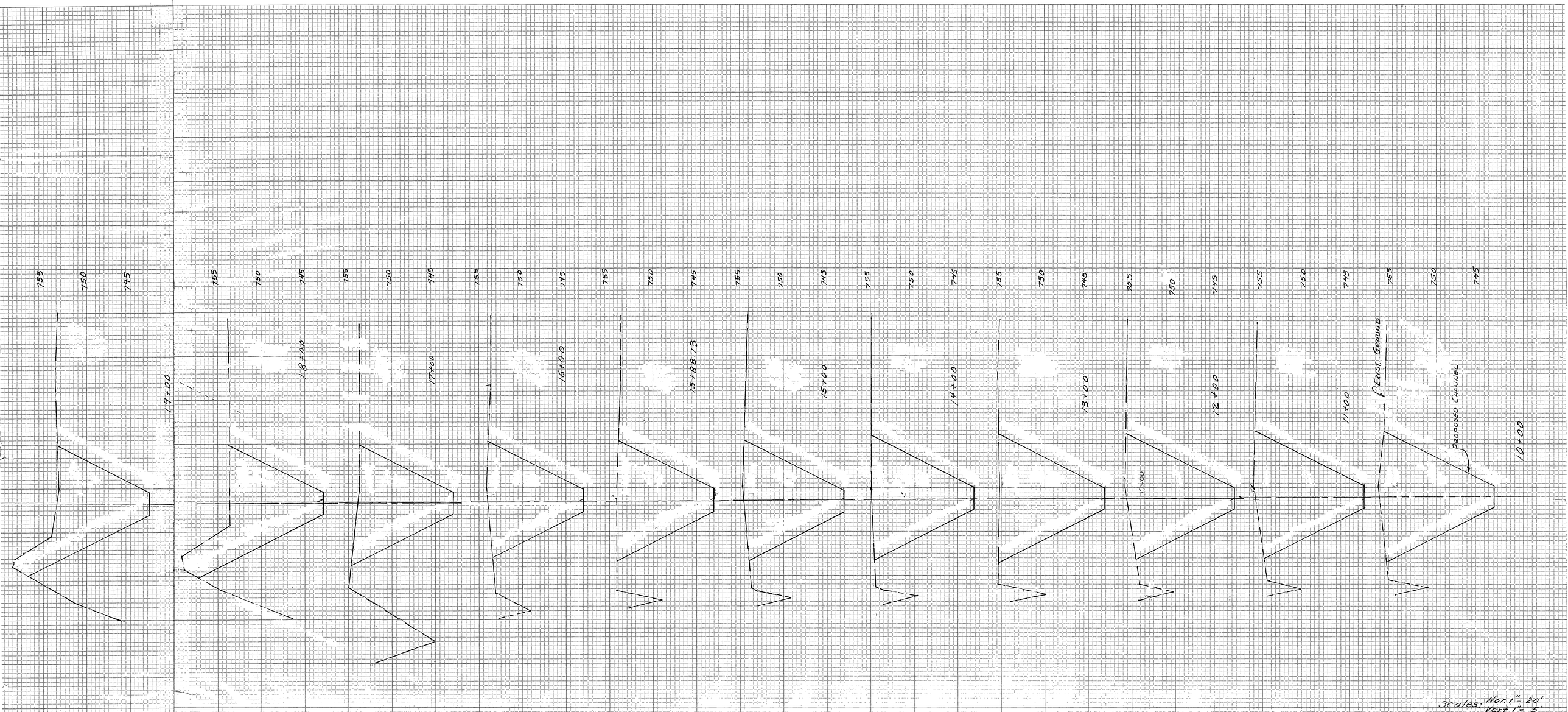
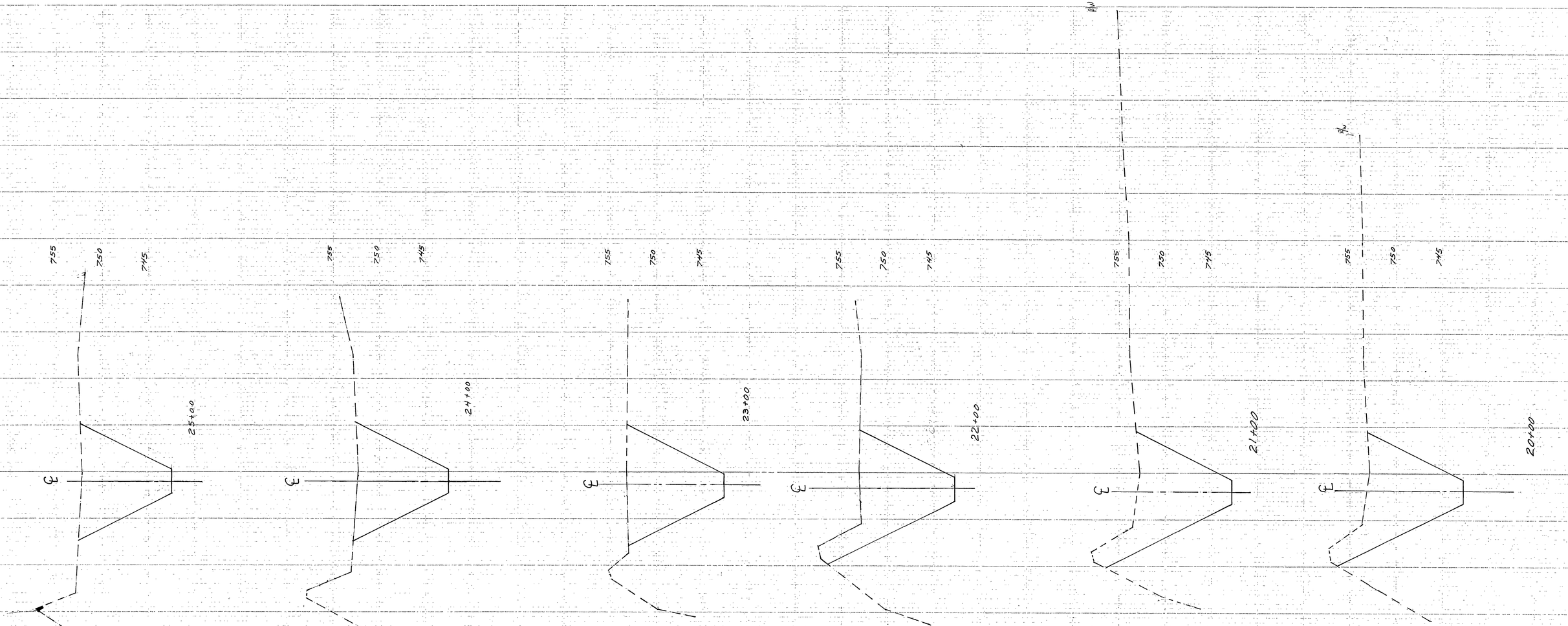
CITY OF RIVERSIDE
SANITARY LANDFILL
VICINITY PLAT
SHOWING PROPOSED CHANNEL LOCATION AND SITE FOR PLACING SURPLUS EXCAVATION
SCALE 1" = 200'
ACCOUNT NO. 9007
REVISIONS
MARK | DATE | DESCRIPTION
CITY OF RIVERSIDE, CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
CHANNEL & LEVEE CONST. FOR PROTECTION OF SANITARY FILL
DESIGNED BY
DRAWN BY H.R.C.
CHECKED BY
RECOMMENDED BY
APPROVED BY James E. Mentink
DIRECTOR OF PUBLIC WORKS
by A. R. Thiel
June 25, 1962
D-81
SHEET 1 OF 2 SHEETS



REVISIONS			CITY OF RIVERSIDE CALIFORNIA DEPARTMENT OF PUBLIC WORKS
MARK	DATE	DESCRIPTION	CHANNEL & LEVEE CONST. FOR PROTECTION OF SANITARY FILL
			CROSS SECTIONS AT CHANNEL

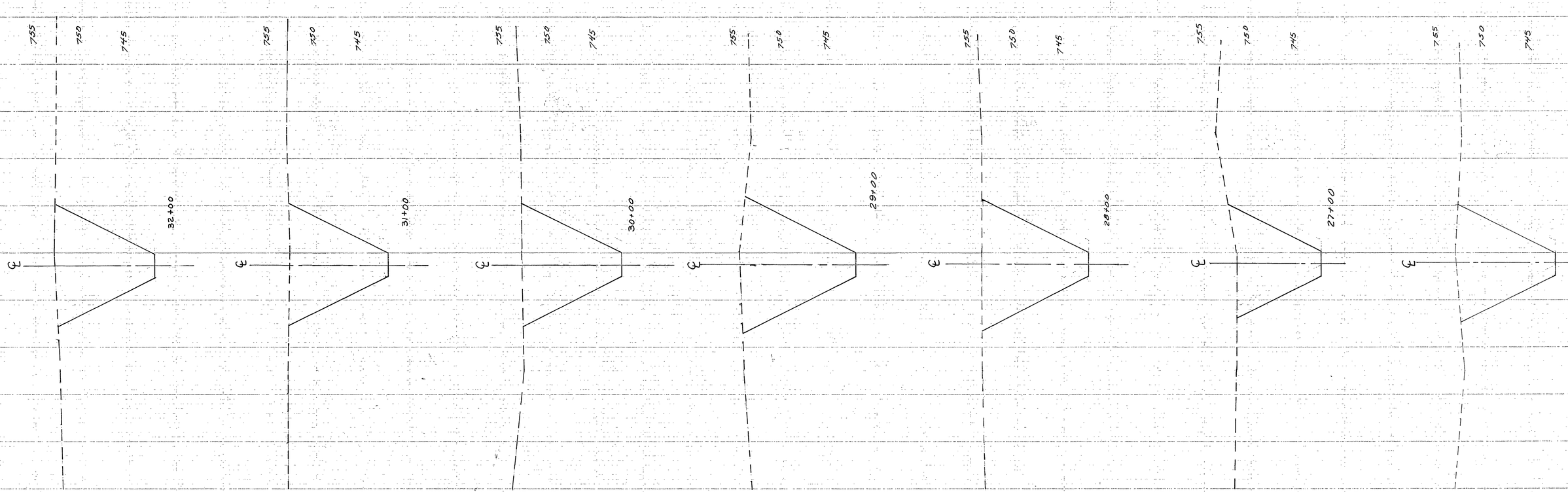
DESIGNED BY DHB
DRAWN BY DHB
CHECKED BY [illegible]
RECOMMENDED BY A. R. Theal
ASSISTANT CITY ENGINEER
APPROVED BY James F. Martinich
DIRECTOR OF PUBLIC WORKS
by A. R. Theal
DATE June 25, 1962

D-81
SHEET 2 OF 5



Scales: Hor. 1" = 20'
Vert. 1" = 5'

REVISIONS			CITY OF RIVERSIDE CALIFORNIA DEPARTMENT OF PUBLIC WORKS
MARK	DATE	DESCRIPTION	CHANNEL & LEVEE CONST. FOR PROTECTION OF SANITARY FILL
			CROSS SECTIONS AT CHANNEL
DESIGNED BY DHB DRAWN BY DHB	CHECKED BY Wdg	APPROVED BY James F. Martinek DIRECTOR OF PUBLIC WORKS by A. R. Theal	D-81
RECOMMENDED BY A. R. Theal ASSISTANT CITY ENGINEER		DATE June 25, 1962	SHEET 3 OF 3



Scales: Hor. 1" = 20'
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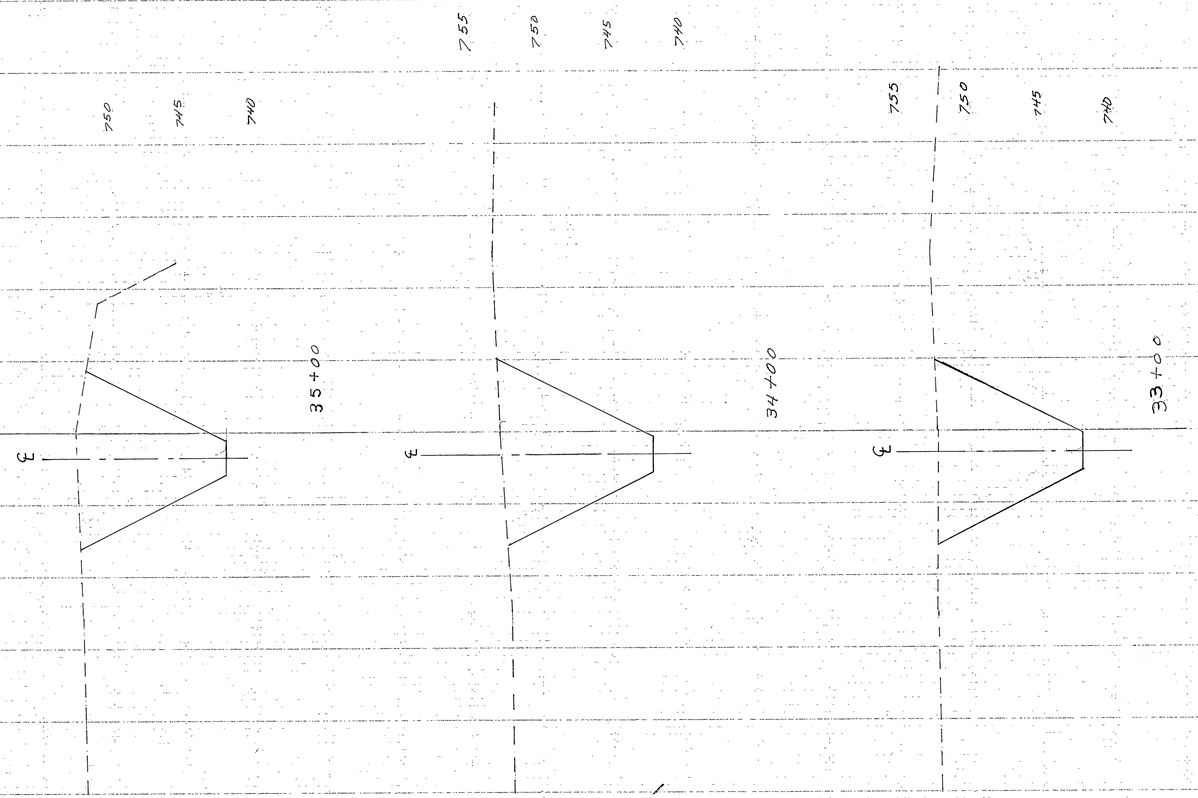
REVISIONS			CITY OF RIVERSIDE CALIFORNIA DEPARTMENT OF PUBLIC WORKS
MARK	DATE	DESCRIPTION	CHANNEL & LEVEE CONST. FOR PROTECTION OF SANITARY FILL
			CROSS SECTIONS AT CHANNEL

DESIGNED BY DHB
DRAWN BY DHB
CHECKED BY WDG
RECOMMENDED BY A. R. Theal
ASSISTANT CITY ENGINEER
APPROVED BY James T. Martinek
DIRECTOR OF PUBLIC WORKS
by A. R. Theal
DATE June 25, 1962

D-81
SHEET 4 OF 5



Scales: Hor. 1" = 20'
Vert. 1" = 5'

D-81
5-5

REVISIONS			CITY OF RIVERSIDE CALIFORNIA
MARK	DATE	DESCRIPTION	DEPARTMENT OF PUBLIC WORKS
			CHANNEL & LEVEE CONST. FOR PROTECTION OF SANITARY FILL
			CROSS SECTIONS
DESIGNED BY DHB		CHECKED BY wdg	D-81
DRAWN BY DHB			SHEET 5 OF 5
RECOMMENDED BY		ASSISTANT CHIEF	