CITY OF

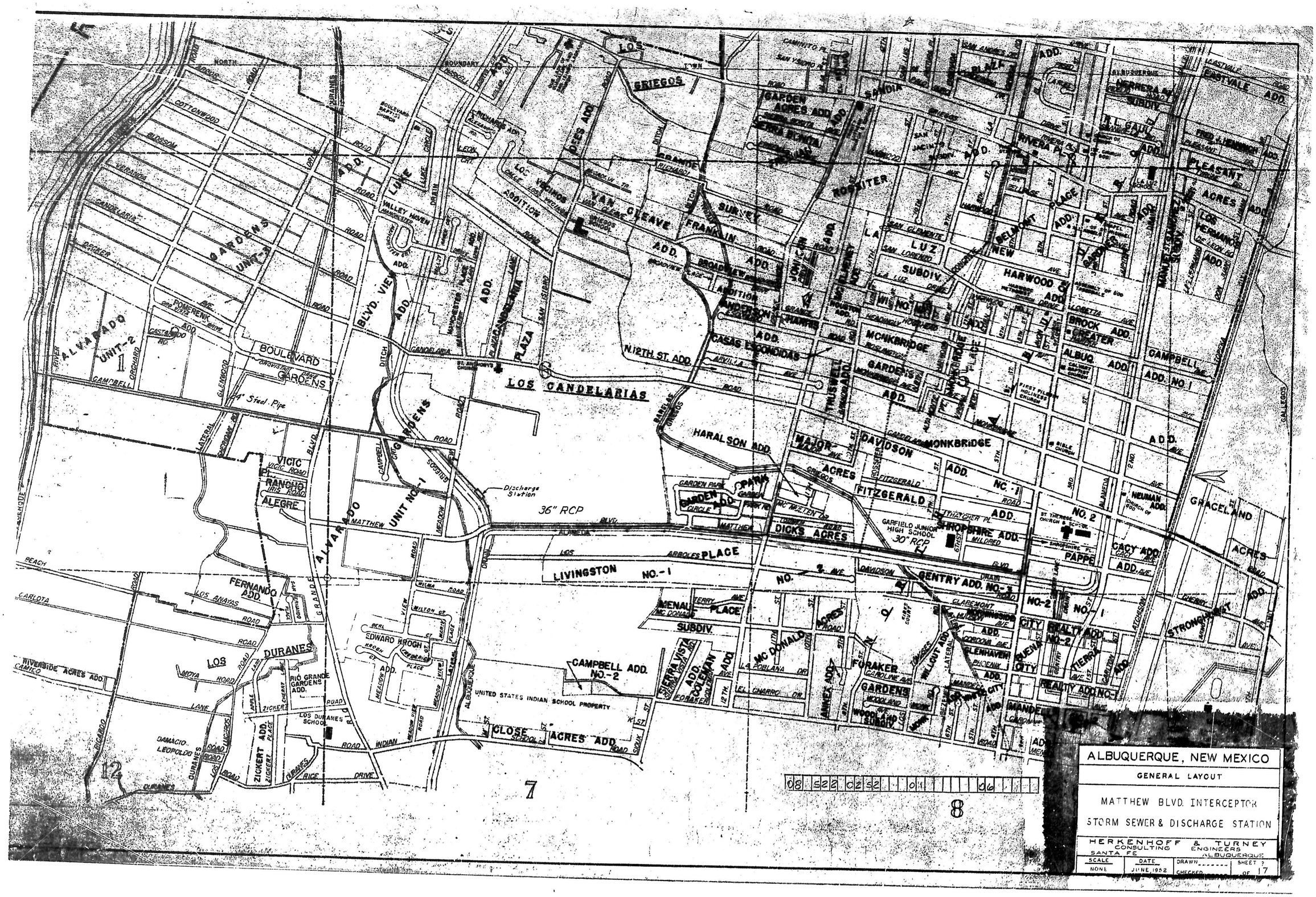
ALBUQUERQUE NEW MEXICO

MATTHEW BLVD. INTERCEPTOR STORM SEWER
AND
DISCHARGE STATION
AND
COLLECTOR LINES

ENGINEERS

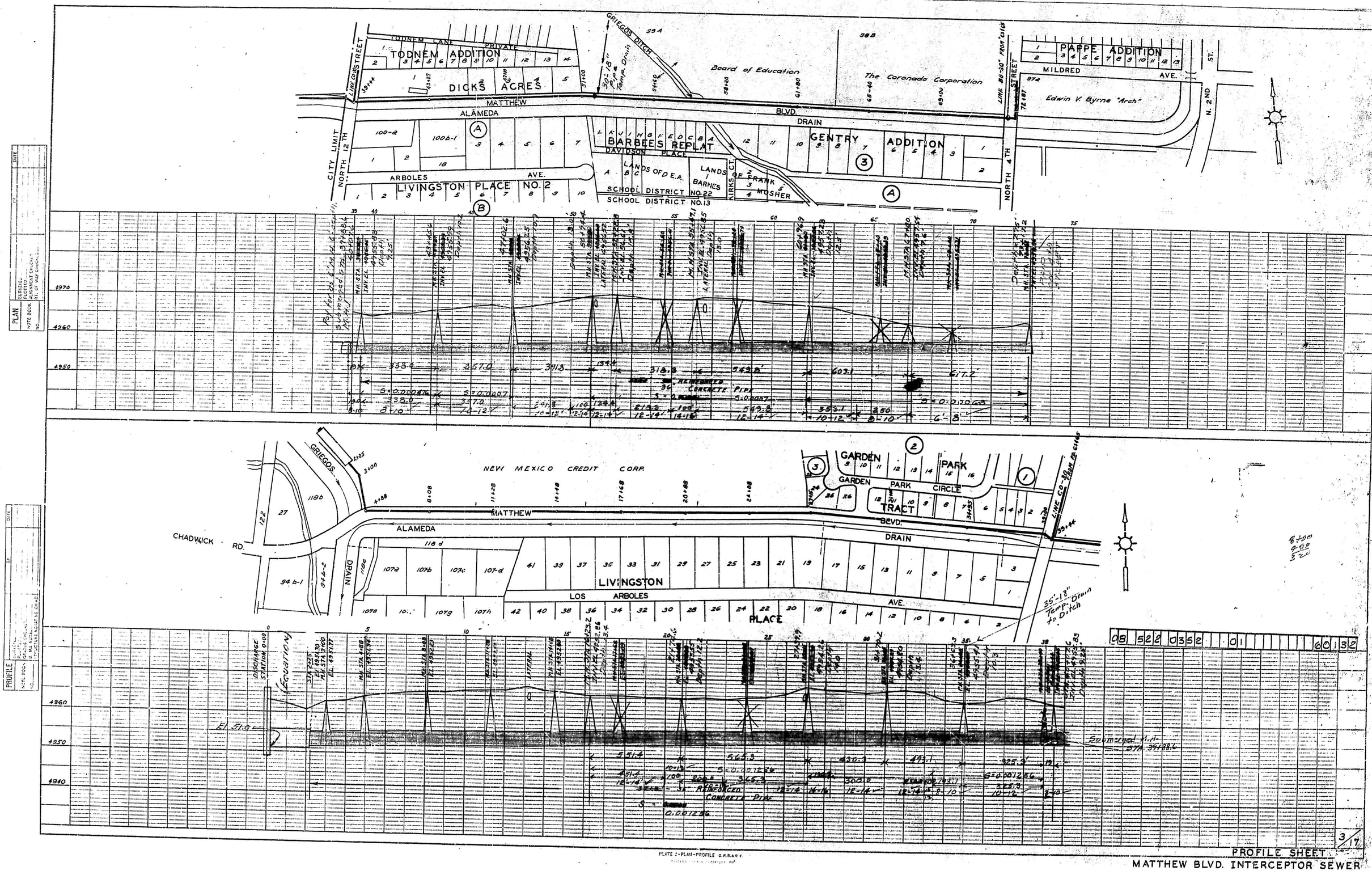
08 522 0152 0 65

HERKENHOFF & TURNEY
CONSULTING ENGINEERS
SANTA FE ALBUQUERQUE


LOS CANDELARIAS
Discharge Station
36" RCP
30" RCP
ALBUQUERQUE, NEW MEXICO
GENERAL LAYOUT
MATTHEW BLVD. INTERCEPTOR
STORM SEWER & DISCHARGE STATION
HERKENHOFF & TURNEY
CONSULTING ENGINEERS
SANTA FE ALBUQUERQUE
SCALE NONE
DATE JUNE 1952
DRAWN
CHECKED
SHEET 7 OF 17

PLAN — SURVEYED / PLOTTED / NOTE BOOK / NO. / DATE / BY

PROFILE — SURVEYED / PLOTTED / NOTE BOOK / NO. / DATE / BY



PROFILE

PLATE 2—PLAN-PROFILE

PROFILE SHEET

MATTHEW BLVD. INTERCEPTOR SEWER

3/17

PLAN

PROFILE

SEE DETAIL SHEET No 9

OUTLET

RIO GRANDE RIVER

ALBUQUERQUE RIVERSIDE DRAIN

ORCHARD RD.

GARDEN RD.

CAMPBELL RD.

ALVARADO GARDENS NO. 1

UNIT NO. 2

S.V. PATRICKS REPLAT

RIO GRANDE

SHERIDAN RD.

ALVARADO UNIT 4Q

MATTHEW BLVD.

ALAMEDA DRAIN

MAP 34

GRIEGOS RD.

CANDELARIAS RD.

SEE DETAIL SHEET No 8

DRAIN

STA. 21+18 ℄ RIO GRANDE BLVD

STA. 13+74 DURANES LATERAL

STA. 9+30 ℄ GRIEGOS DRAIN

STA. 8+68 P.I.

STA. 9+30 ℄ GRIEGOS DR.

STA. 8+68 P.I.

DISCHARGE STA. (EQUATION)

STA. 2+25

1411. 3+00 IN EL. 4951.77

STA. 4+88

1101. STA. 4+88 IN EL. 4951.92

STA. 55+68 ℄ ORCH. RD.

30" 90° C.M.C. FINGED WROUD STEEL PIPE ACROSS ROAD

STA. 36+00 4" VACUUM RELEASE VALVE

STA. 34+10 DURANES LATERAL

STA. 21+18 ℄ RIO GRANDE BLVD.

165'-30" C.M.C. PIPE FILLED WITH CONCRETE PIPE ACROSS BLVD.

STA. 57+60

DUKE ℄ STA. 57+10

STA. 57+08 ℄ RIVERSIDE DRAIN

STA. 56+47

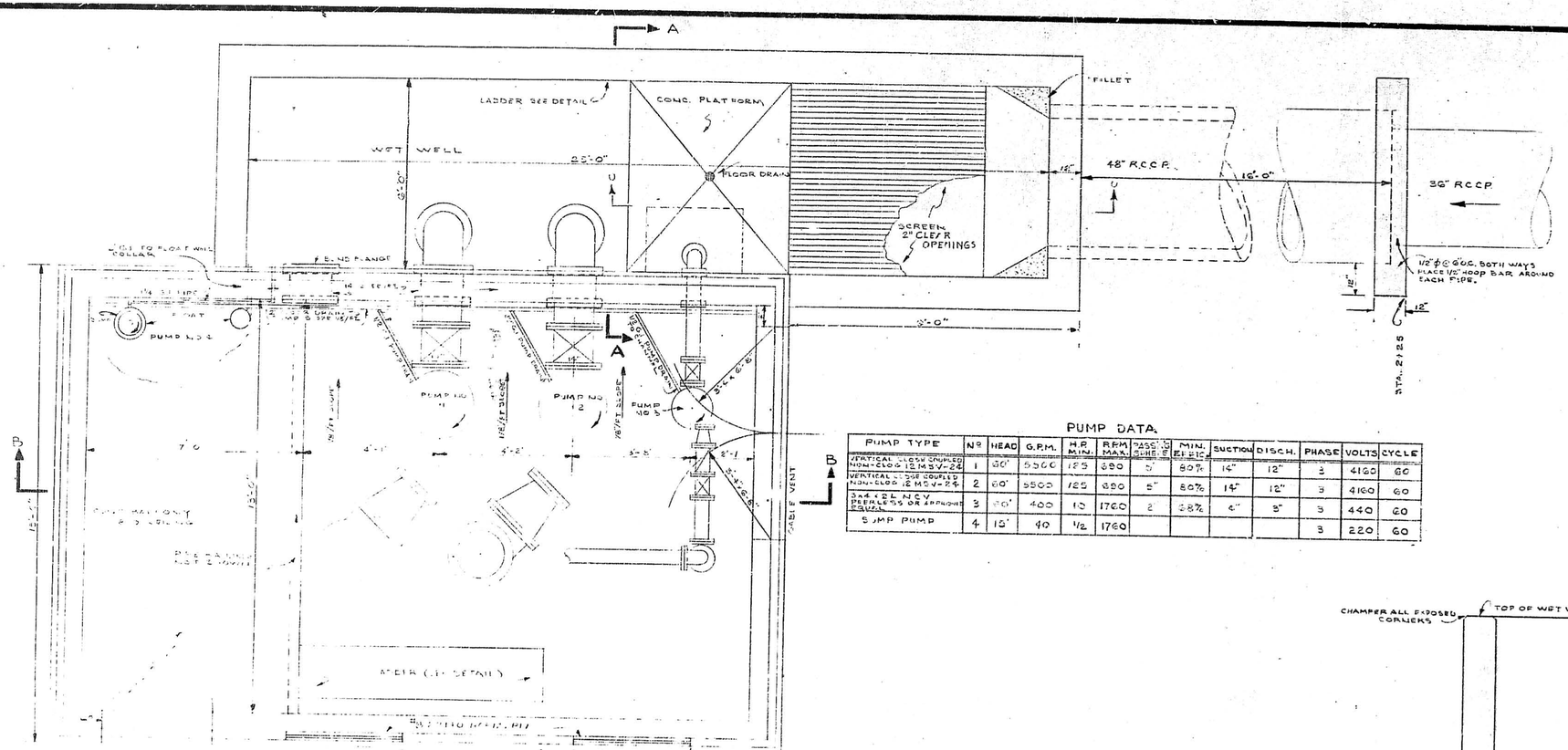
5860' 24" - 12 GA. ASPHALT WRAPPED WELDED STEEL PIPE

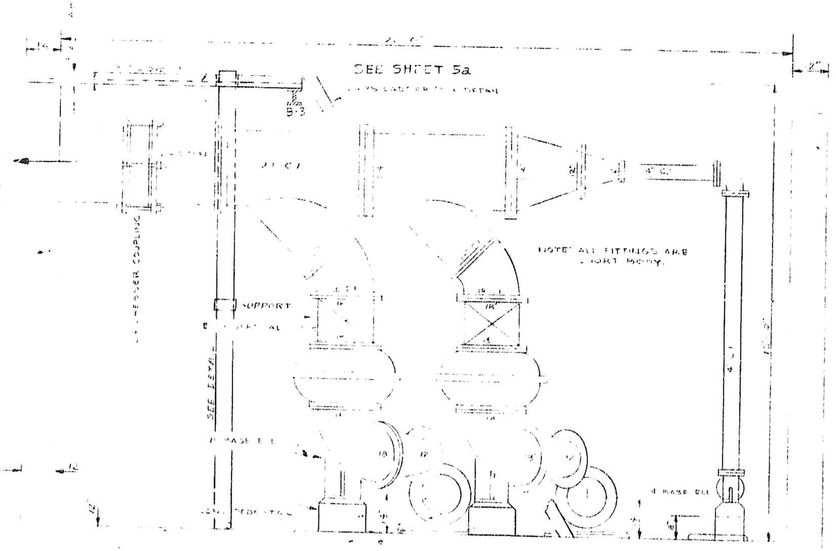
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4/17

PROFILE SHEET

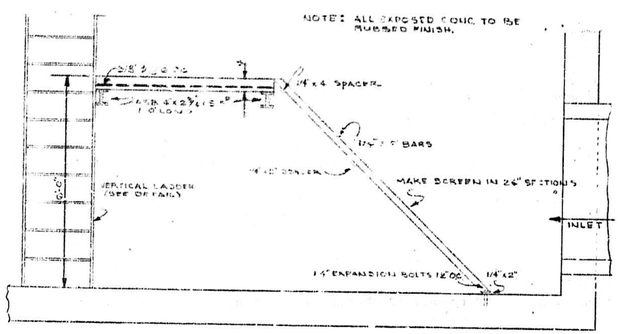
MATTHEW BLVD. INTERCEPTOR SEWER

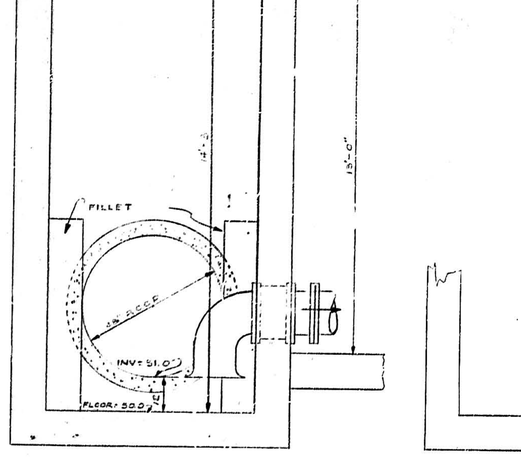


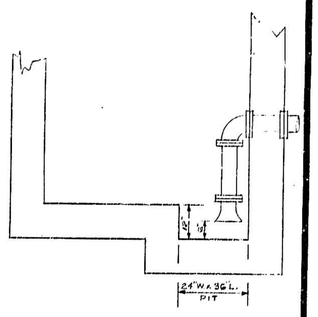


PUMP DATA

PUMP TYPE	Nº	HEAD	G.P.M.	H.P. MIN.	RPM MAX.	PASS. SIZE	MIN. EFFIC.	SUCTION	DISCH.	PHASE	VOLTS	CYCLE
VERTICAL CLOSE COUPLED NON-CLOG 12 MSV-24	1	60'	5500	125	880	5"	80%	14"	12"	3	4160	60
VERTICAL CLOSE COUPLED NON-CLOG 12 MCV-24	2	60'	5500	125	880	5"	80%	14"	12"	3	4160	60
3x4 DL MCV PEERLESS OR APPROVED EQUAL	3	60'	400	10	1760	2	38%	4"	3"	3	440	60
SUMP PUMP	4	15'	40	1/2	1760					3	220	60







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

08 05 22 08

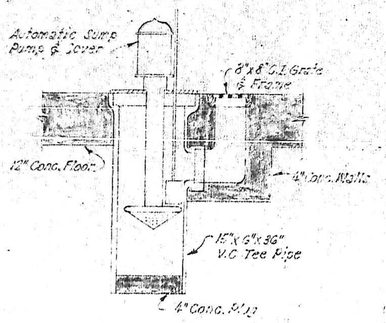
REVISED 8-6-52

ALBUQUERQUE, NEW MEXICO

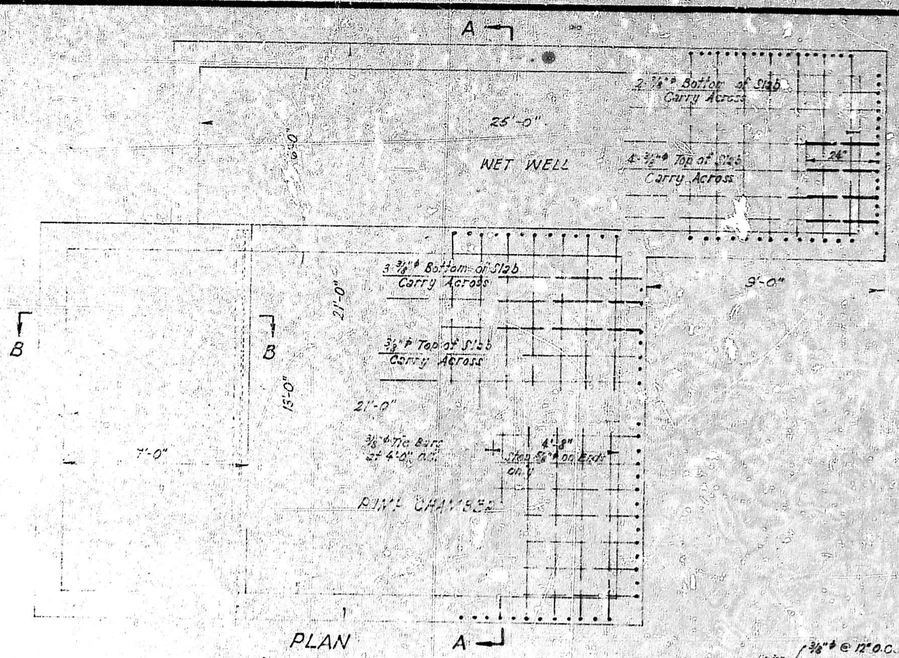
DISCHARGE STATION PIPING
PLANS & SECTIONS

HERKENHOFF & TURNEY
CONSULTING ENGINEERS
SANTA FE NEW MEXICO

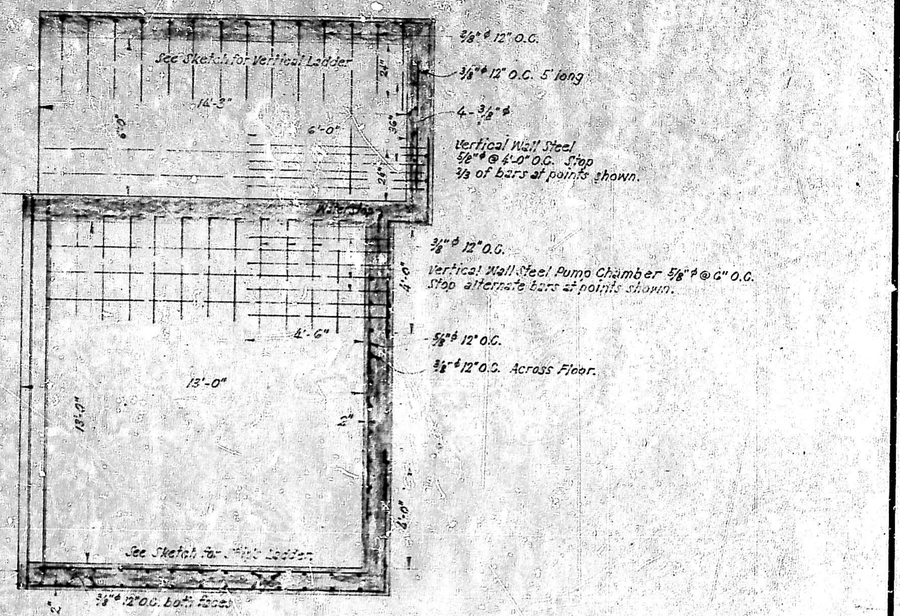
SCALE	DATE	DRAWN	SHEET
1/2" = 1'-0"	JUNE 1950	CHECKED	5 OF 17



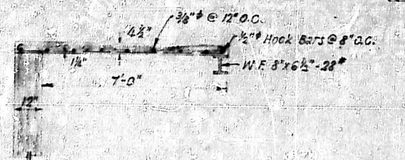
SUMP DETAIL
Scale ⅜"=1'-0"



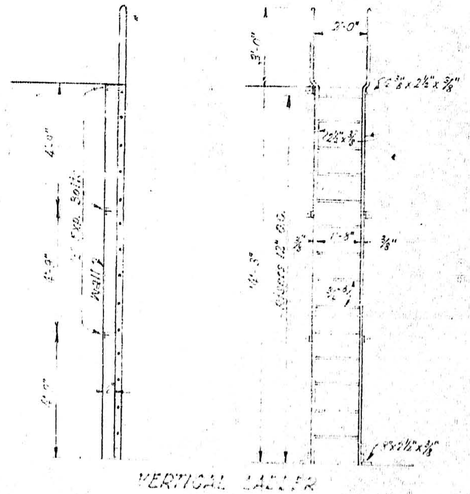
PLAN
Scale ⅜"=1'-0"



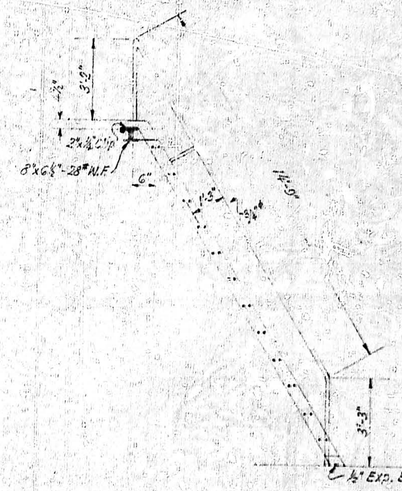
SECTION 1-A
Scale ⅜"=1'-0"



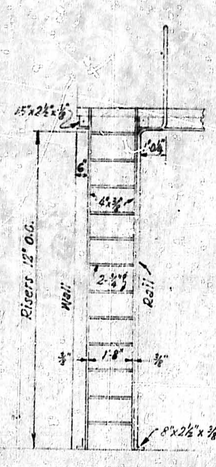
SECTION B-B
Scale ⅜"=1'-0"

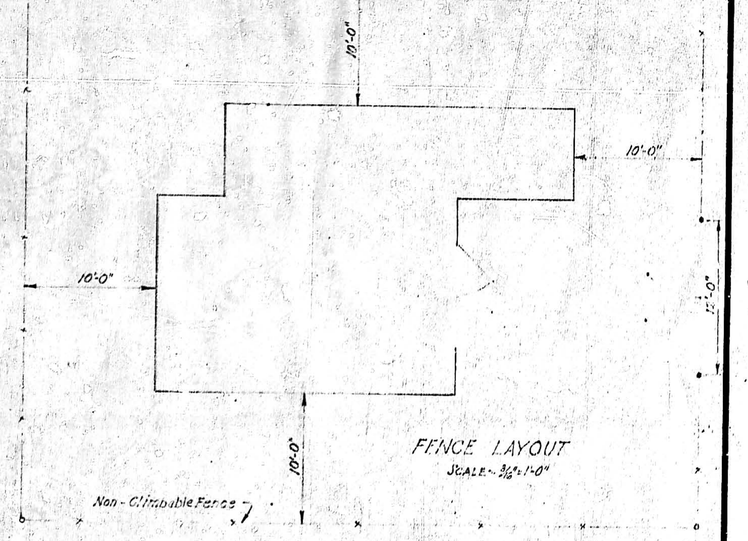


VERTICAL LADDER
Scale ⅜"=1'-0"



SHIP'S LADDER
Scale ⅜"=1'-0"





FENCE LAYOUT
Scale ⅜"=1'-0"

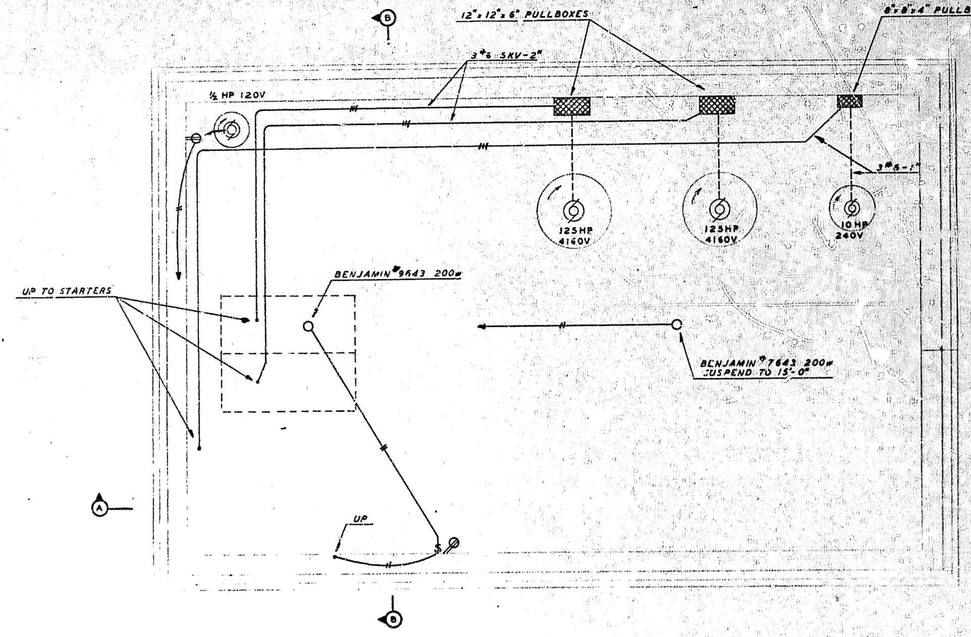
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ALBUQUERQUE, NEW MEXICO

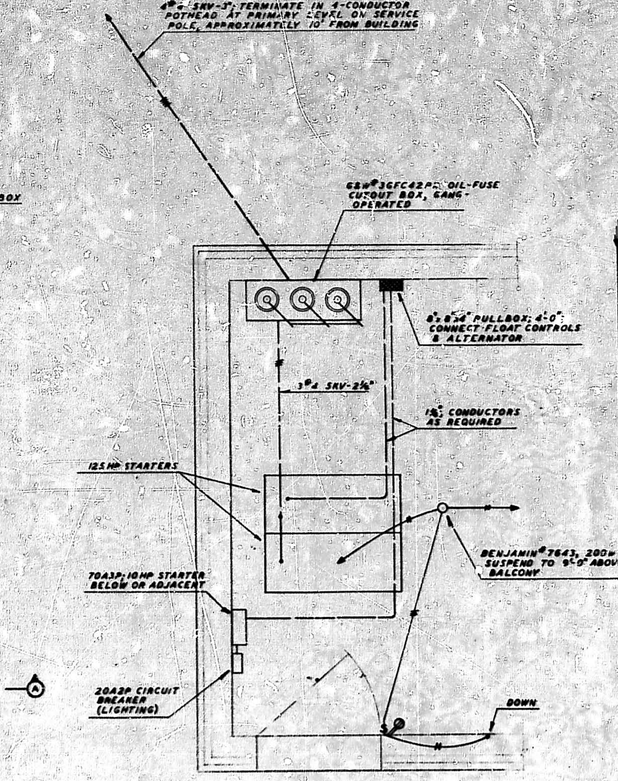
DISCHARGE STATION
REINFORCING AND DETAILS

HERKENHOFF & TURNEY
CONSULTING ENGINEERS
SANTA FE NEW MEXICO

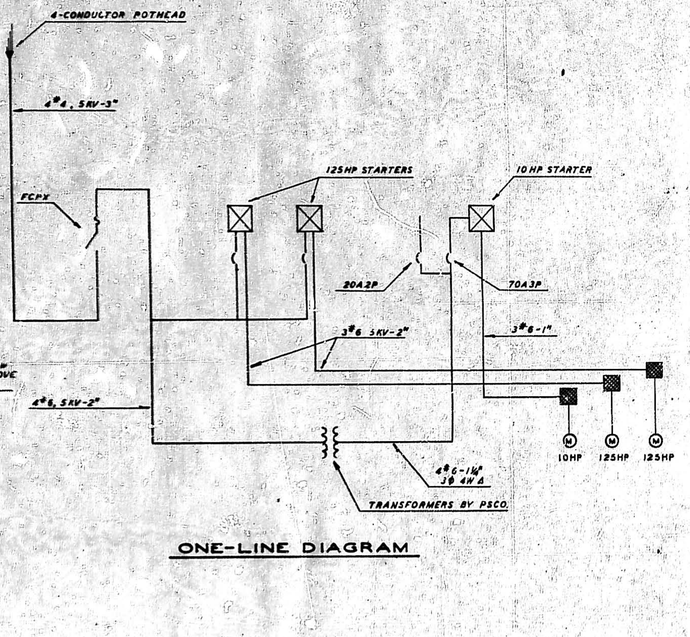
SCALE	DATE	DRAWN - g.e.x.	SHEET
AS SHOWN	6-16-'52	CHECKED	6 OF 17



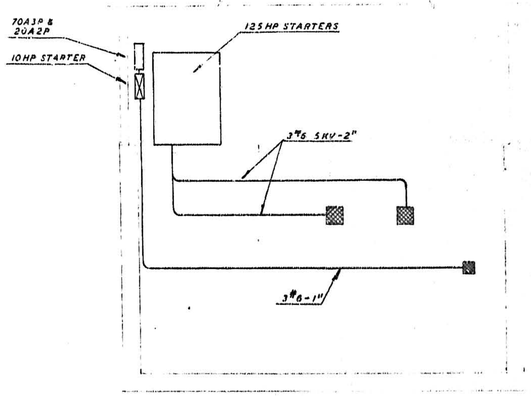
PLAN



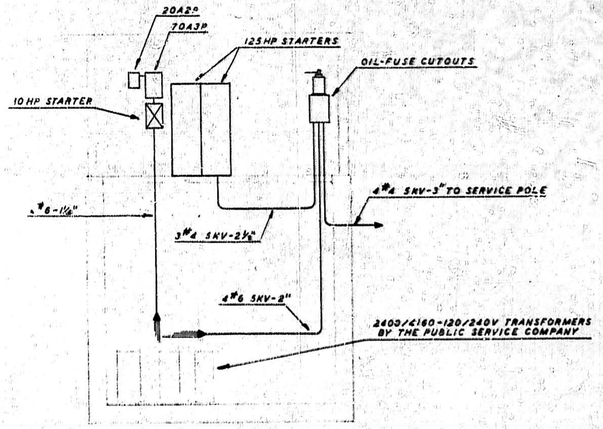
BALCONY



ONE-LINE DIAGRAM



SECTION A-A



SECTION B-B

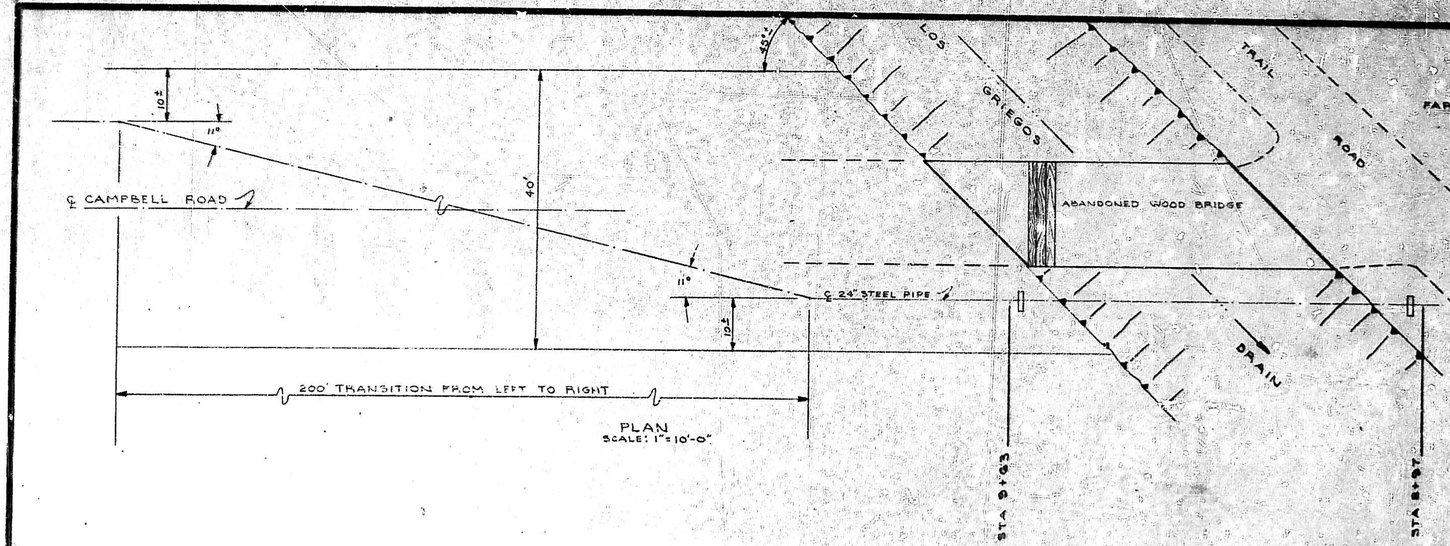
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ALBUQUERQUE, NEW MEXICO

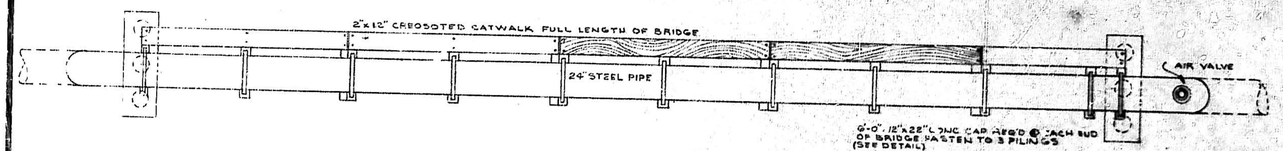
DISCHARGE STATION
ELECTRICAL

HERKENHOFF & TURNEY
CONSULTING ENGINEERS
SANTA FE NEW MEXICO

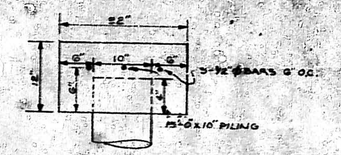
SCALE	DATE	DRAWN MVM	SHEET 7
1/2"=1'-0"	JUNE 1952	CHECKED MVM	OF 17

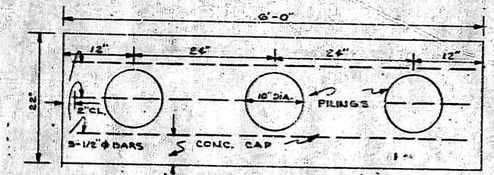


PLAN
SCALE: 1"=10'-0"

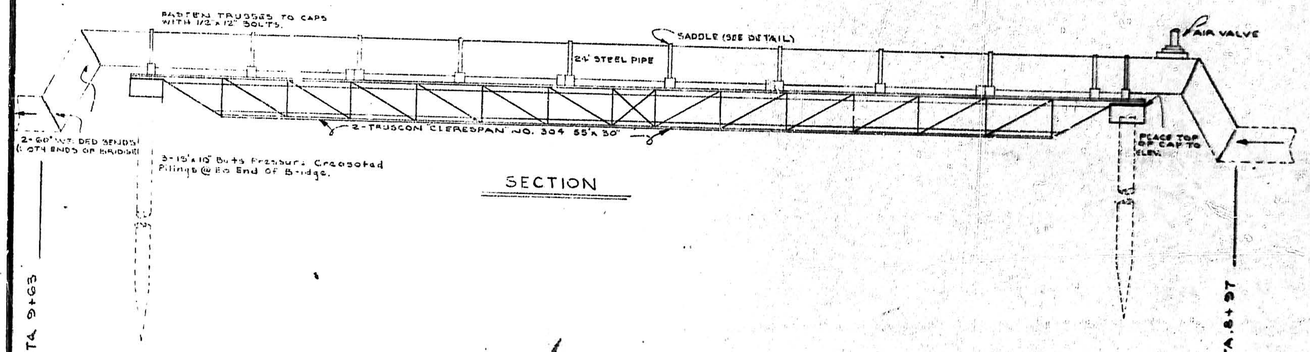


PLAN
SCALE: 1"=4'

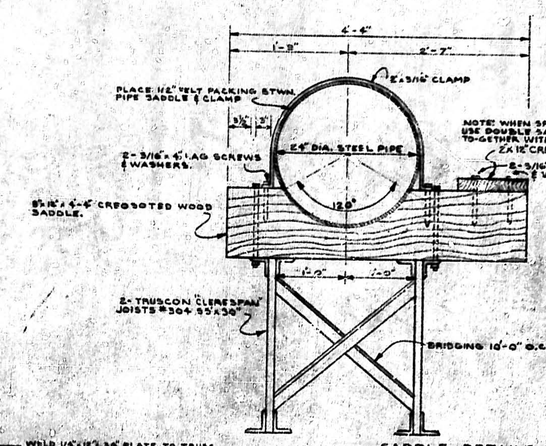




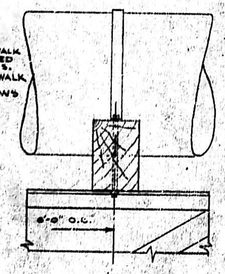
CONCRETE CAP DETAIL
SCALE: 1"=1'-0"



SECTION



SADDLE DETAILS
SCALE: 1"=1'-0"





BEARING DETAIL

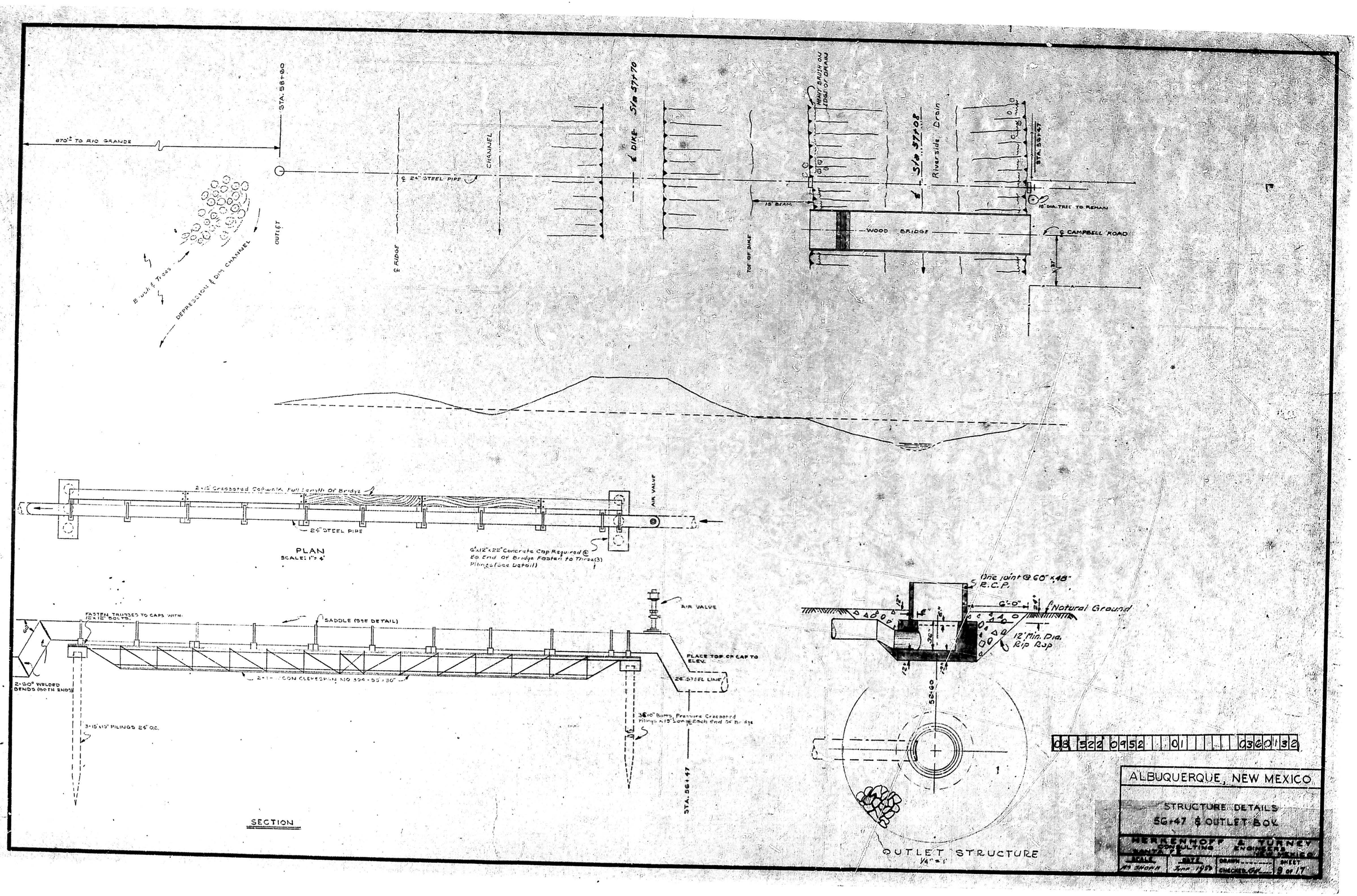
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ALBUQUERQUE, NEW MEXICO

STRUCTURE DETAILS
8+97

HERRENHOFF & TURNEY
CONSULTING ENGINEERS
SANTA FE, NEW MEXICO

SCALE: AS SHOWN	DATE: JUNE 1964	DRAWN BY:	SHEET:



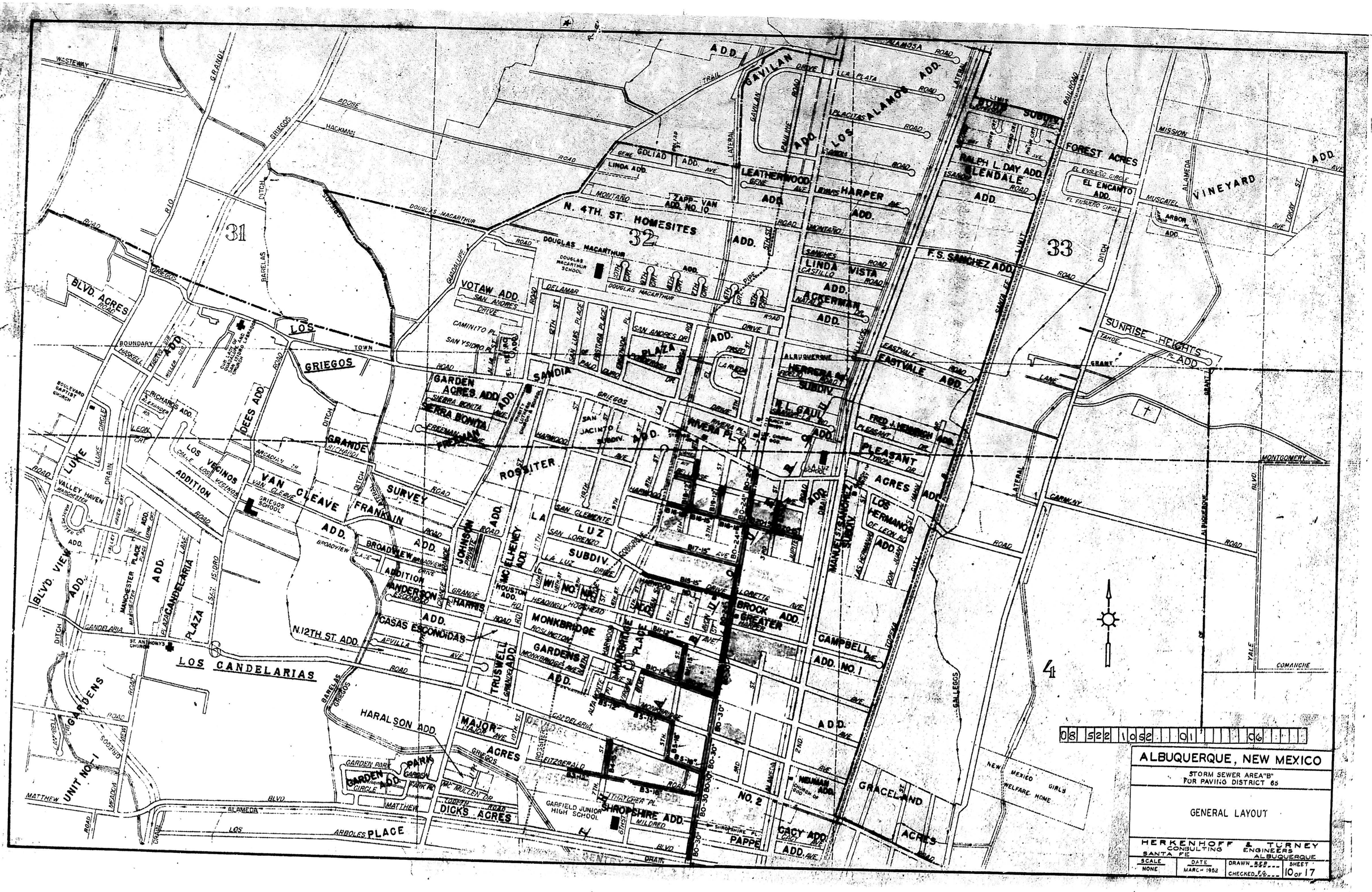
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ALBUQUERQUE, NEW MEXICO

STRUCTURE DETAILS
56+47 & OUTLET BOX

HERRENHOFF & TURNEY
CONSULTING ENGINEERS
ALBUQUERQUE, NEW MEXICO

SCALE	DATE	DRAWN	SHEET
AS SHOWN	June 1970	CHECKED	9 of 17


WESTWAY
RIO GRANDE
GRIEGOS
ADOBE
HACKMAN
ROAD
DOUGLAS MACARTHUR
ROAD
BARELAS
DITCH
31
BLVD. ACRES
ROAD
BOUNDARY
HASKELL
ADD.
LOS GRIEGOS
TOWN
ROAD
BOULEVARD BAPTIST CHURCH
RICHARDS ADD.
DEES ADD.
DITCH
GRANDE
RICHARDS
LEON
CIRCLE
LUKE
DRAIN
ROAD
VALLEY HAVEN
MANCHESTER
ADD.
LOS VECINOS
ADDITION
VAN CLEAVE
ADD.
GRIEGOS SCHOOL
ROSSITER
SURVEY
FRANKLIN
ROAD
BROADVIEW
ADDITION
BLVD. VIEW ADD.
MANCHESTER PLACE
PLAZA CANDELARIA
PLAZA
SAN ISIDRO
CANDELARIA
ST. ANTHONY'S CHURCH
LOS CANDELARIAS
GARDENS
UNIT NO. 1
CAMPBELL
ROAD
GALLEGOS
MEADOW
LANE
MATTHEW
ROAD
ALAMEDA
BLVD.
LOS ARBOLES PLACE
DRAIN
HARALSON ADD.
N. 12TH ST. ADD.
APVILLA
AVE
CASAS ESCONDIDAS
ADD.
HARRIS
GRANDE
ROAD
ESCONDIDO
ANDERSON
ADDITION
BROADVIEW
DRIVE
AVENUE
TRUSWELL
GRANDE ADD.
MAJOR-LAMB AVE.
ACRES
10TH ST.
GARDEN PARK
CIRCLE
GARDEN ADD.
PARK
GARDEN
PARK RD.
MC MULTRY DR.
COMMERCIAL
ROAD
DICKS ACRES
GARFIELD JUNIOR HIGH SCHOOL
SHROPSHIRE ADD.
MILDRED
SHROPSHIRE PL.
BLVD.
DRAIN
PAPPE
CACY ADD.
ADD. AVE.
GRACELAND
ACRES
ADD.
NEW MEXICO GIRLS WELFARE HOME
MONTGOMERY
CARMONY
ROAD
LOS HERMANOS OF LEON ADD.
JOAN JUNIOR
ALLEY
MANUEL SANCHEZ SUBDIV.
FRED J. HENRICH SUBDIV.
PLEASANT
TYRONE DR.
PLEASANT ACRES ADD.
LA LUZ SCHOOL
LA LUZ SUBDIV. OF LOT 1 OF LA LUZ ADD.
RIVERA PL.
HERRERA SUBDIV.
ALBUQUERQUE
FREED
ROAD
NO. 2
ADD.
NELMAN ADD.
JOHNSON ADD. OF LOT 2 OF LA LUZ ADD.
MC ELHENEY ADD.
JOHNSON PRIVATE ROAD
HOUSTON ADD.
HEADINGLY HOGSHEAD
ROSLINGTON
MONKBRIDGE
GARDENS
MONKBRIDGE PLACE
ALVARADO
GARDEN ACRES ADD.
SIERRA BONITA
SIERRA BONITA ADDITION
FERNANDEZ DE TAOS
VOTAW ADD.
SAN ANDRES
DRIVE
CAMINITO PL.
SAN YSIDRO PL.
DELAMAR
SAN LUIS PLACE
DE CRISTIAN PLACE
EL PASEO
EL PASEO DR.
EL PASEO PL.
SAN ANDRES DR.
PLAZA
LA PLAZA
ADD.
ACKERMAN
NATALIE
DR.
ALBUQUERQUE
EASTVALE
EASTVALE ADD.
LINDA VISTA
CASTILLO
ROAD
F. S. SANCHEZ ADD.
SANCHES
ROAD
N. 4TH. ST. HOMESITES
32
DOUGLAS MACARTHUR SCHOOL
DOUGLAS MACARTHUR
ROAD
GUADALUPE
LINDA ADD.
GOLIAD
GENE
AVE.
ADD.
LEATHERWOOD
HARPER AVE.
ZAPP VAN ADD. NO. 10
MONTAÑO
LOS ALAMOS ADD.
PLACITAS
LA PLATA
ROAD
GAVILAN
DRIVE
TRAIL
LATERAL
GAVILAN ROAD
RAMLINE
ALAMOSA ROAD
RALPH L. DAY ADD.
LENDALE
ISABEL
ROAD
ADD.
EL ENCANTO ADD.
EL ENSUEÑO CIRCLE
FOREST ACRES
MISSION
ADD.
AVE
VINEYARD
ALAMEDA
MUSCATEL
ARBOR PL.
ADD.
TOMAY
ST.
33
LIMIT
DITCH
ROAD
SUNRISE HEIGHTS
TAHOE
GRANT
LANE
ADD.
TERRACE
SANTA FE
LATERAL
ALBUQUERQUE
YALE
COMANCHE
BLVD.
4
08 522 1052 01 06
ALBUQUERQUE, NEW MEXICO
STORM SEWER AREA "B"
FOR PAVING DISTRICT 65
GENERAL LAYOUT
HERKENHOFF & TURNEY
CONSULTING ENGINEERS
SANTA FE ALBUQUERQUE
SCALE NONE
DATE MARCH 1952
DRAWN SSB
CHECKED FG
SHEET 10 OF 17

STORM SEWER PROJECT FOR PAVING DISTRICT NO. 65 SHEET NO. 11

PLAN — SURVEYED / PLOTTED / NOTE BOOK / No. — ALIGNMENT CHECKED / R.W. OR EASEMENTS CHECKED / DATE

PROFILE — SURVEYED / PLOTTED / NOTE BOOK / No. — ALIGNMENT CHECKED / R.W. OR EASEMENTS CHECKED / DATE

SCALE - 1"=100'

SCALE - 1"=100'

PLATE 2 - PLAN-PROFILE O. P. W. & R. E. STANDARD

11

STORM SEWER PROJECT
FOR
PAVING DISTRICT NO. 65
SHEET NO. 14

PLAN — SURVEYED — PLOTTED — LOCATIONS CHECKED — R.W. NOTED — NOTE BOOK — NO.

PROFILE — SURVEYED — PLOTTED — LOCATIONS CHECKED — STRUCTURE NOTATIONS CHECKED — NOTE BOOK — NO.

ROSLINGTON — N. 4th — N. 5th — OMIT — MANITOBA DRIVE — HEADINGLEY — BELLROSE — SEE ROSLINGTON — SEE HEADINGLEY

LINE-B10 — 12" REINF. CONC. PIPE — S=0.0012 — 500.0'

LINE-B10 — 18" REINF. CONC. PIPE — S=0.0012 — 45% — 35%

LINE-B80 — 30" REINF. CONC. PIPE — S=0.0012

LINE-B11 — 15" REINF. CONC. PIPE — S=0.0012 — 482.1' — 432.1' = 0-6'

LINE-B11 — 12" REINF. CONC. PIPE — S=0.0012 — 470.6' — 0=4 — 1320-12" INLETS — 0-6'

HARWOOD — LATERAL — SAN LORENZO DRIVE — 5th STREET — 8" SANITARY SEWER — No INLETS BUILT — N. 4th — N. 5th — AVE. — BELLROSE — SEE HARWOOD

LINE-B15 — 15" REINF. CONC. PIPE — S=0.0010 — 1700'-12" RCP to INLETS 0-6'

LINE-B16 — 12" REINF. CONC. PIPE — S=0.0012 — 234.1'

LINE-B6 — 15" REINF. CONC. PIPE — S=0.0012 — 343.7' — 0-6' — 300'-15" RCP to INLETS 0-6'

LINE-B16 — 18" REINF. CONC. PIPE — S=0.0012 — 346.2' — 0-6'

LINE-B19 — 12" REINF. CONC. PIPE — S=0.0012 — 336.2' — 0=4 — 1320-12" INLETS — 0-6'

PLATE 2 - PLAN-PROFILE O.P.R.D.D.E.

14/17

PLAN — SURVEYED / PLOTTED / ALL CHECKS CHECKED / ALL CHECKS MADE / NOTE BOOK / NO. / DATE

PROFILE — SURVEYED / PLOTTED / ALL CHECKS CHECKED / ALL CHECKS MADE / NOTE BOOK / NO. / DATE / ENGINEER IN CHARGE

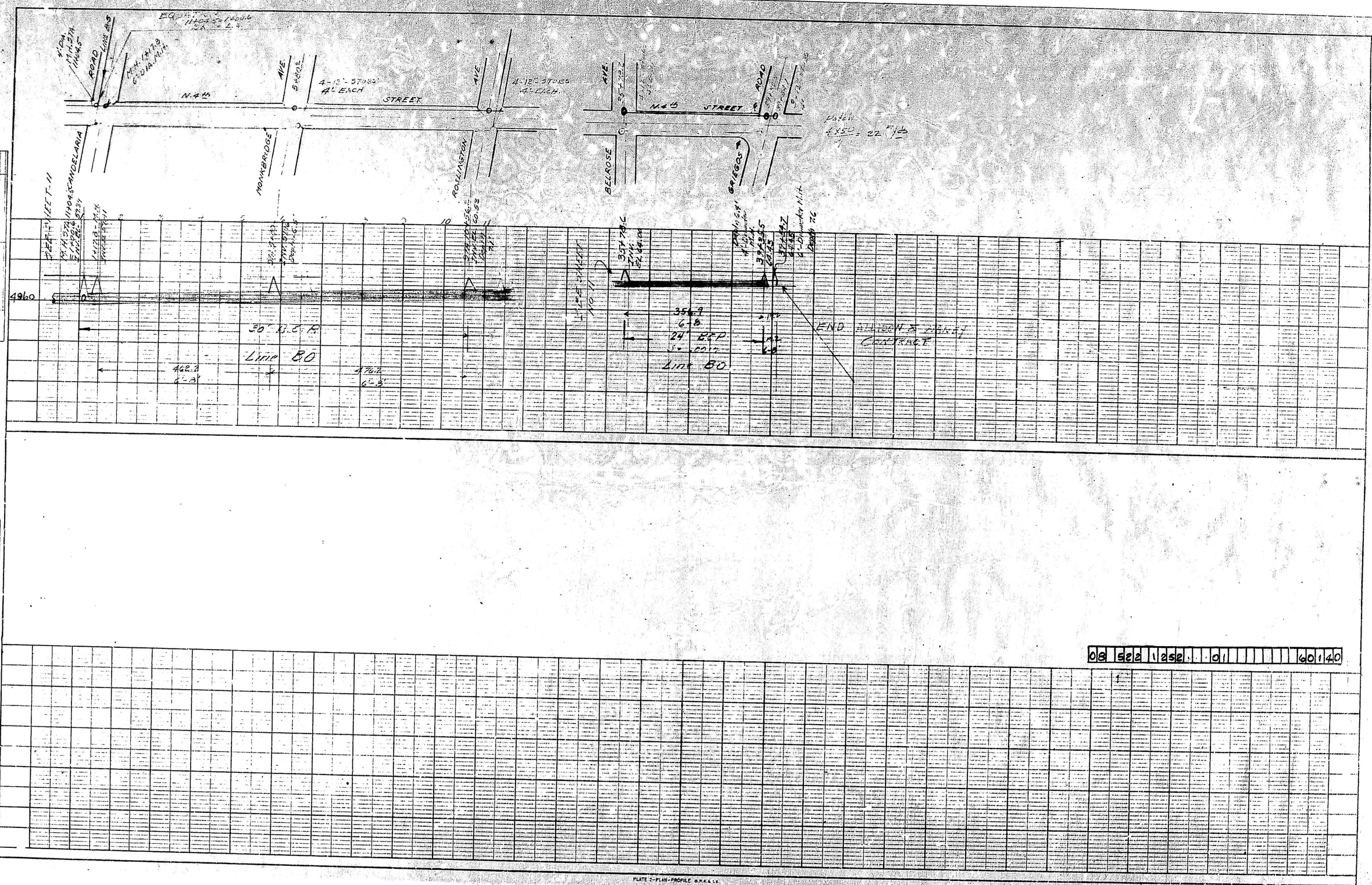
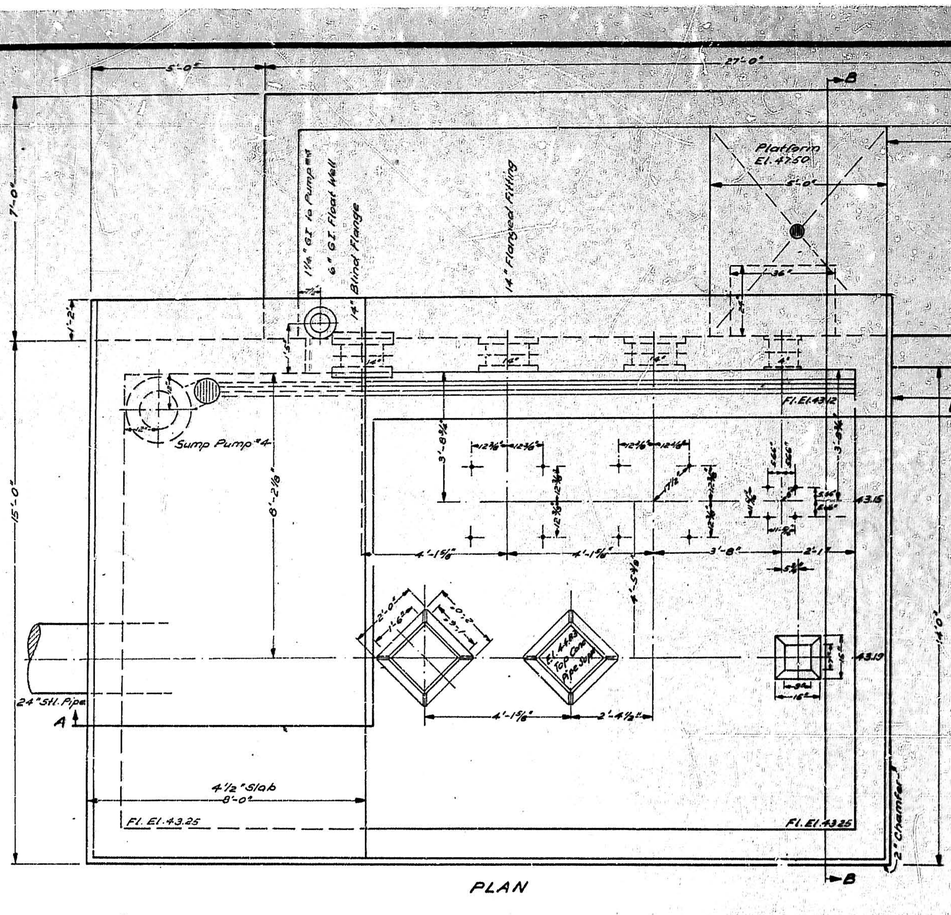
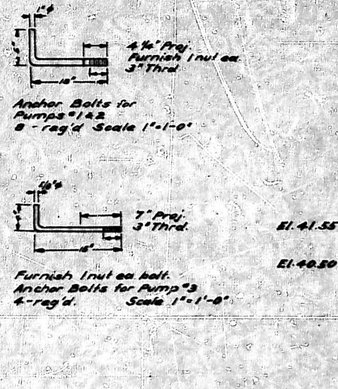


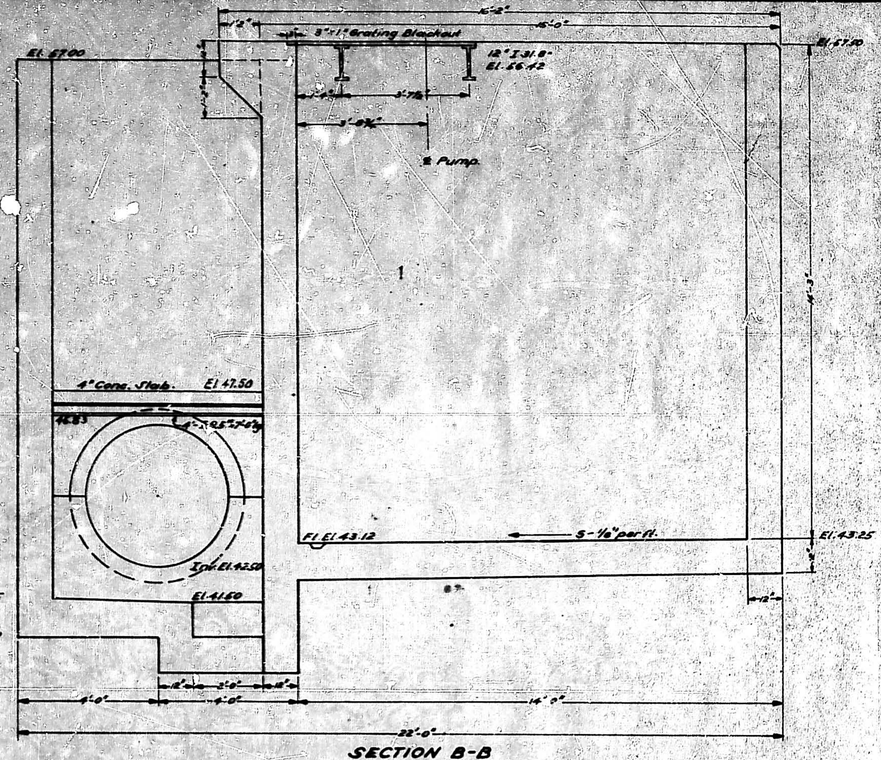
PLATE 2—PLAN-PROFILE SCALE

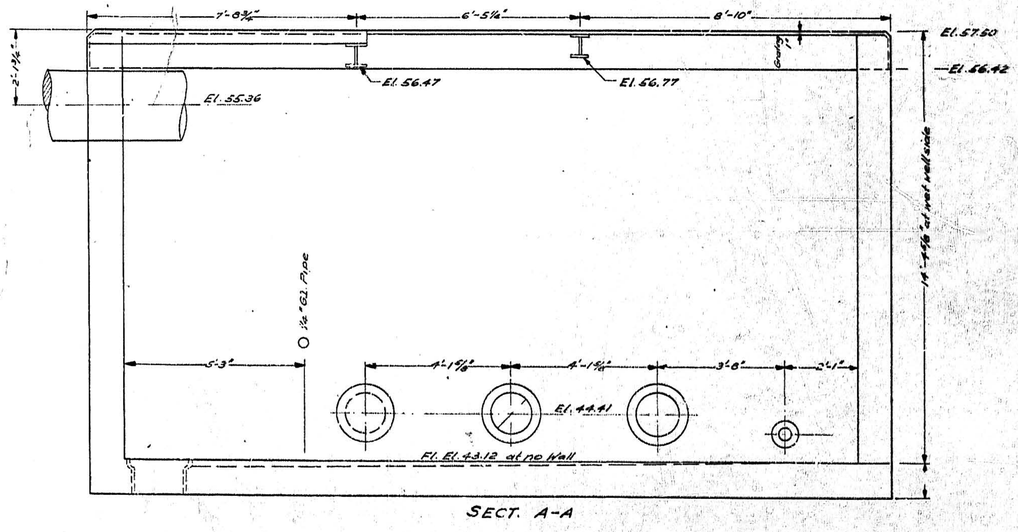
CHERTEL EDMONDS COMPANY, INC.

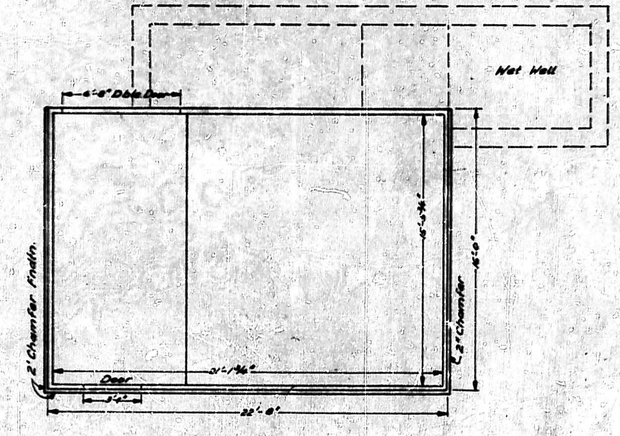
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ALBUQUERQUE, NEW MEXICO

MATHEW BLVD. STORM SEWER

PUMP STATION
REVISED DETAILS

HERRENHOFF & TURNEY
CONSULTING ENGINEERS
SANTA FE ALBUQUERQUE

SCALE	DATE	DRAWN	SHEET
-	DEC. 3, 1962	CHECKED	OF