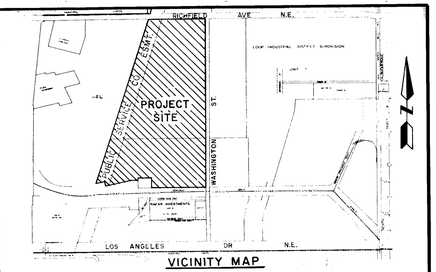
CLIFFORD INDUSTRIAL PARK

PHASE I

ALBUQUERQUE, NEW MEXICO



VICINITY MAP

NOT TO SCALE

GENERAL NOTES

NOTICE TO CONTRACTORS

1. NEW MEXICO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION-1979 EDITION WILL BE REFERRED TO HEREON AS THE "STANDARD SPECIFICATION."
2. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH "CONTRACT DOCUMENTS FOR CITY-WIDE UTILITIES AND CASH PAVING NO. 31" AND THE STANDARD SPECIFICATION.
3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.
4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.

THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

- ☒ ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- ☒ BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- ☒ TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE CITY ENGINEER.
- ☐ SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- ☐ IF CURB IS DEPRESSED FOR A DRIVEPAD, THE DRIVEPAD SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.
- ☐ ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.
- ☒ THE REQUESTOR OR DEVELOPER SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ALL CURB AND GUTTER OR SIDEWALK DAMAGED AFTER APPROVAL BY THE CITY ENGINEER OF WORK COMPLETED BY THE CONTRACTOR.
- ☒ PHASE II CONSTRUCTION UNDER PROJECT NUMBER 1625
- ☒ HOUSE NUMBERS ARE SHOWN ON SHEET 11

INDEX

26 1564 0184

REV	SHEETS	CITY ENGINEER	DATE	USER DEPT.	DATE	USER DEPT.	DATE

APPROVAL OF REVISIONS

ERIC H. T. GILLIAM 7919 N.M.

Cert. Mylliam 10-27-82

BOHANNAN · HUSTON INC.
ALBUQUERQUE · SANTA FE · EL PASO
ENGINEERS PLANNERS PHOTOGRAMMETRISTS

APPROVED FOR CONSTRUCTION

C.A. Shuppert 12/19/83 C.E.

Public Works Division 12/23/83

PROJECT NUMBER 1564

SHEET 1 OF 27

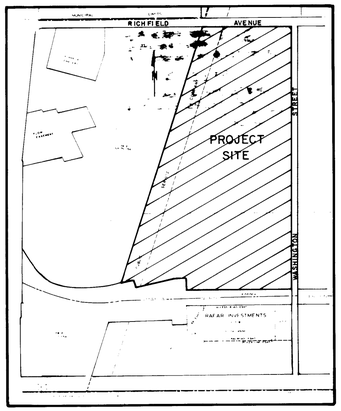
C21 44 1 of 4

83 24548

CLIFFORD INDUSTRIAL PARK

ALBUQUERQUE, NEW MEXICO
SCALE: 1"=100' JULY 1982

753 Tract A C-21 44 1 OF 4



LOCATION MAP
ZONE ATLAS MAP NO. C-17-Z

SUBDIVISION DATA

1. ZONE ATLAS INDEX NO. C-17
2. GROSS SUBDIVISION ACREAGE: 81.8123 ACRES
3. TOTAL NUMBER OF LOTS CREATED: 66 LOTS
4. TOTAL MILEAGE OF FULL WIDTH STREETS CREATED: 0.8774 MILE.
5. DATE OF SURVEY: JULY , 1982

NOTES

1. BEARINGS ARE N.M. STATE PLANE GRID BEARINGS (CENTRAL ZONE).
2. DISTANCES ARE GROUND DISTANCES.
3. ELEVATIONS ARE FIELD ELEVATIONS (CITY OF ALBUQUERQUE DATUM).
4. NUMBER 5 REBAR WITH PLASTIC SURVEY CAP STAMPED PE & LS 2455 WERE SET ON CORNERS DESIGNATED BY A SMALL SOLID CIRCLE. ●
5. RECORD BEARINGS AND DISTANCES ARE SHOWN IN PARENTHESIS.
6. TRACT 54A IS INTENDED TO BE USED FOR FUTURE ACCESS TO THE LANDS NOW KNOWN AS TRACT E, LANDS OF SPRINGER CORPORATION, SHOULD IT BE USED FOR INDUSTRIAL OR COMMERCIAL PURPOSES.
7. THE PRIVATE DRAINAGE EASEMENTS SHALL BE MAINTAINED BY THE OWNER OF THE LOT UPON WHICH EACH EASEMENT IS LOCATED.
8. THE 30' EXISTING TEMPORARY ACCESS EASEMENT ON LOTS 39-43 SHALL BE ABANDONED UPON APPROVAL OF THE CITY PLANNING DIRECTOR, CITY ENGINEER, CITY TRAFFIC ENGINEER, DIRECTOR OF THE WATER RESOURCES DEPARTMENT, AND DIRECTOR OF THE PARKS AND RECREATION DEPARTMENT OR THEIR DESIGNEES. THIS ACTION SHALL BE TAKEN AT SUCH TIME AS THE STREET IMPROVEMENTS ARE COMPLETED IN ANAHEIM AVENUE AND WASHINGTON PLACE SOUTH OF ANAHEIM AVENUE.
9. THE AREAS OF LOTS WITHIN THE PUBLIC SERVICE COMPANY POWERLINE EASEMENT AND OUTSIDE OF THE PUBLIC DRAINAGE EASEMENT MAY BE SUBJECT TO FLOODING DURING A STANDARD PROJECT FLOOD IN THE DOMINGO BACA ARROYO.
10. THE TWENTY-FOUR (24) FOOT TEMPORARY PUBLIC ACCESS EASEMENT ON LOT FORTY-SEVEN (47) WILL BE VACATED WITH THE APPROVAL OF THE CITY DEVELOPMENT REVIEW BOARD WITHIN FIVE (5) YEARS OF THE FILING DATE OF THIS PLAT, OR WHEN THE CITY LANDFILL IS CLOSED, WHICHEVER OCCURS FIRST.

EASEMENTS

1. 10' UTILITY EASEMENTS ALONG THE STREET SIDE OF ALL LOTS AS SHOWN WITH A DASHED LINE.
2. ALL SWITCH GEAR EASEMENTS ARE 12' x 15'.

DESCRIPTION

A tract of land situate within the Elena Gallegos Grant in the W½ of Section 14, T11N, R3E, N.M.P.M., Bernalillo County, New Mexico, and being more particularly described by New Mexico State Plane Grid bearings (Central Zone) and ground distances as follows:

BEGINNING at the southeast corner, a point on the westerly right-of-way of Washington Street, being also a point on the northerly right-of-way of AMAFCA's Grant of Right-of-Way Easement for Drainage to the City of Albuquerque, filed on January 27, 1967, Vol. 143, Folio 613-615, whence the ACS Station Monument 8-C17 (New Mexico State Plane Coordinates for Central Zone: X = 396964.26 Y = 1520607.77) bears N00°43'01"E, 735.89 feet, and from said beginning point, leaving said westerly right-of-way,
N89°33'39"W, 870.77 feet along said northerly right-of-way to the southeast corner of the City well site, filed in the office of the County Clerk of Bernalillo County, New Mexico, on September 24, 1973, BK D950, Folio 450-451, thence leaving said northerly right-of-way,
N01°08'55"W, 200.00 feet along the easterly boundary of said well site to the northeast corner of said well site; thence,
N89°33'39"W, 200.00 feet along the northerly boundary of said well site to the northwest corner of said well site; thence,
S01°08'55"E, 79.14 feet along the westerly boundary of said well site to a point on the northerly right-of-way of AMAFCA's North Diversion Channel; thence leaving said westerly boundary and continuing along said northerly right-of-way,
S88°51'05"W, 115.00 feet to a point; thence,
S77°51'05"W, 500.00 feet to a point; thence,
N12°08'55"W, 75.00 feet to a point; thence,
S77°51'05"W, 99.38 feet to the southwest corner, a point on the westerly right-of-way of a 200-foot wide Public Service Company of New Mexico Utility Easement, being also the southeast corner of Tract E of Plat showing Tracts "A" through "F" inclusive of lands of Springer Corporation, filed in the office of the County Clerk of Bernalillo County, New Mexico, on July 11, 1975; thence,
N18°16'41"E, 2717.21 feet along said westerly right-of-way and easterly boundary of said Tract E to the northwest corner, a point on the southerly right-of-way of Richfield Avenue; thence leaving said westerly right-of-way and said easterly boundary,
S89°37'29"E, 903.40 feet along said southerly right-of-way to a point of curvature; thence leaving said southerly right-of-way, 78.51 feet along the arc of a curve to the right having a radius of 50.00 feet and a chord bearing
S44°38'34"E, 70.69 feet to a point of tangency on said westerly right-of-way of Washington Street; thence,
S00°20'21"W, 2597.87 feet along said westerly right-of-way to the point and place of beginning.

Tract contains 81.8123 acres, more or less.

DEDICATION

The subdivision of the land hereon shown is with free consent and in accordance with the desires of the undersigned owners and/or proprietors thereof, and said owners and/or proprietors do here by dedicate the public rights-of-way shown hereon, together with all easements shown on this plat. Tract "A" (0.0708 acre) is to be dedicated right-of-way for access to the City of Albuquerque well site. Power and communication easements are reserved where shown by dashed lines as noted, including the right of ingress and egress and the right to trim interfering trees.

JACK M. CLIFFORD AND COMPANY
BY Jack M. Clifford
Jack M. Clifford
President

LOOP DEVELOPMENT COMPANY
BY Jack M. Clifford
Jack M. Clifford
President

STATE OF NEW MEXICO)
ss.
COUNTY OF BERNALILLO)

The foregoing instrument was acknowledged before me this 11th day of January 19 82, by Jack M. Clifford, President of and on behalf of Jack M. Clifford and Company and President of and on behalf of Loop Development Company.

My Commission Expires: 6-16-84
Patricia Ann Bates
Notary Public

SANTA FE LAND IMPROVEMENT COMPANY
BY
STATE OF TEXAS
COUNTY OF POTTER

The foregoing instrument was acknowledged before me this 29th day of SEPTEMBER 19 82, by W. C. MERRITT on behalf of Santa Fe Land Improvement Company.

My Commission Expires: MAY 31, 1985
Peggy M Youngblood
Notary Public

6-6-84

NOTE:
The Endorsement of this plat by the Public Service Company of New Mexico is made with the understanding that all terms of the original Grant of Right-of-Way remain in effect for the 200 Public Service Company easement.

S-83-11

APPROVALS

Eugene Wakeland PLANNING DIRECTOR	4-20-83 DATE
For CITY ENGINEER	1-25-83 DATE
A.M.A.F.C.A.	DATE
TRAFFIC ENGINEER	1-25-83 DATE
CITY SURVEYOR	1/13/83 DATE
PROPERTY MANAGEMENT	DATE
WATER RESOURCES DEPT.	1-25-83 DATE
PARKS & RECREATION DEPT.	1-25-83 DATE
PUBLIC SERVICE COMPANY OF NEW MEXICO	1-11-83 DATE
GAS COMPANY OF NEW MEXICO	1-12-83 DATE
MOUNTAIN BELL	8/16/82 DATE

SURVEYOR'S CERTIFICATION

I, A. DWAIN WEAVER, UNDER THE LAWS OF NEW MEXICO, CERTIFY THAT I AM A REGISTERED LAND SURVEYOR, AND THAT THIS PLAT WAS PREPARED BY ME OR UNDER MY SUPERVISION, SHOWS ALL EASEMENTS OF RECORD, MEETS THE MINIMUM REQUIREMENTS FOR MONUMENTATION AND SURVEYS CONTAINED IN THE ALBUQUERQUE SUBDIVISION ORDINANCE, AND IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

A. Dwain Weaver
A. DWAIN WEAVER
PLS No. 6544, NEW MEXICO

AUG. 11, 1982
DATE

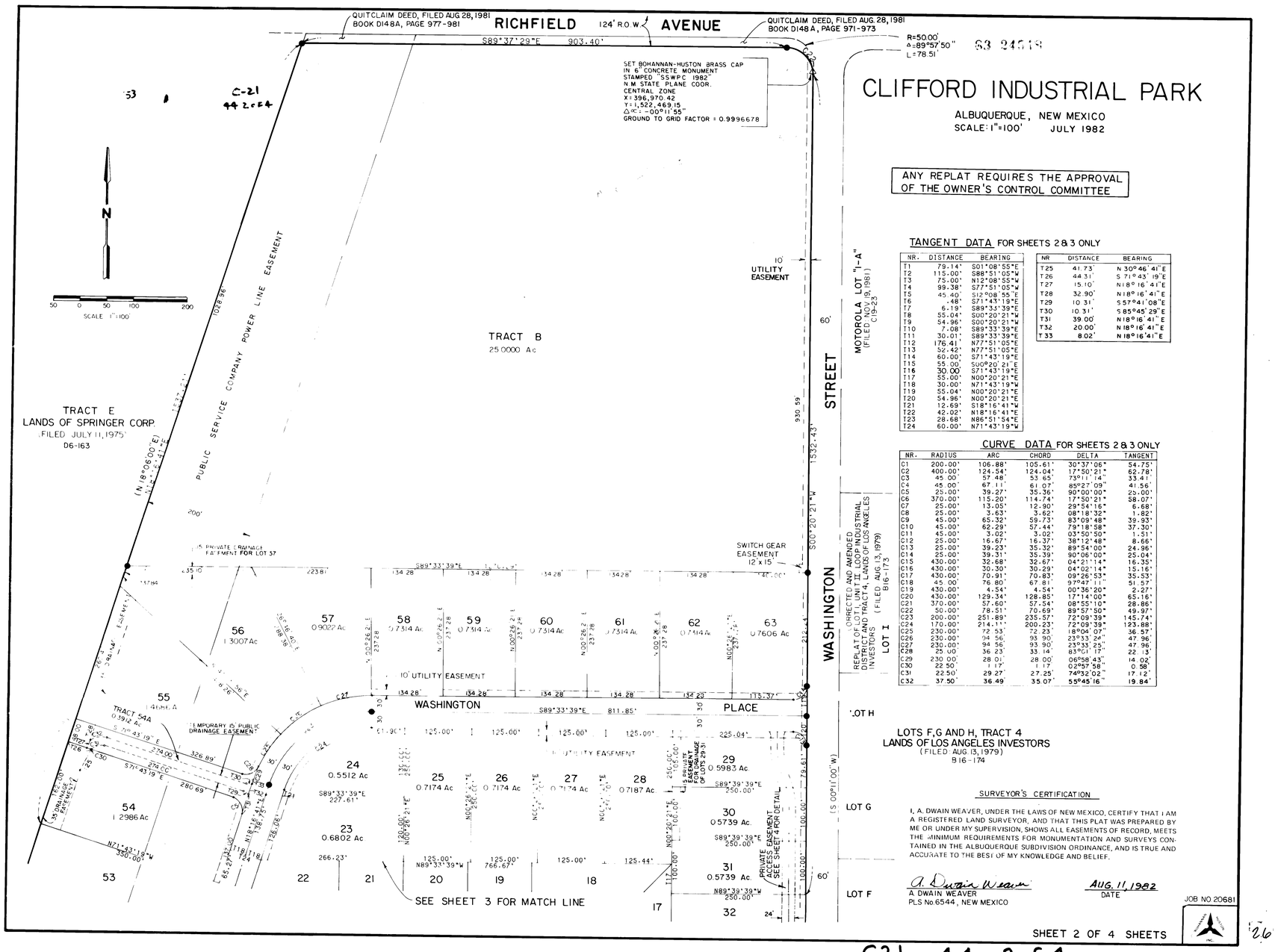
JOB NO. 20681

SHEET 1 OF 4 SHEETS

C21 44 1 of 4

126 1564 0284

DRAWING NO. 1564 REFERENCE 1625
SUBDIVISION PLAT SHEET 2 OF 27



NR.	DISTANCE	BEARING
T1	79.14'	S01°08'55"E
T2	115.00'	S88°51'05"W
T3	75.00'	N12°08'55"W
T4	99.38'	S77°51'05"W
T5	45.40'	S12°08'55"E
T6	.48'	S71°43'19"E
T7	6.19'	S89°33'39"E
T8	55.04'	S00°20'21"W
T9	54.96'	S00°20'21"W
T10	7.08'	S89°33'39"E
T11	30.01'	S89°33'39"E
T12	176.41'	N77°51'05"E
T13	52.42'	N77°51'05"E
T14	60.00'	S71°43'19"E
T15	55.00'	S00°20'21"E
T16	30.00'	S71°43'19"E
T17	55.00'	N00°20'21"E
T18	30.00'	N71°43'19"W
T19	55.04'	N00°20'21"E
T20	54.96'	N00°20'21"E
T21	12.69'	S18°16'41"W
T22	42.02'	N18°16'41"E
T23	28.68'	N86°51'54"E
T24	60.00'	N71°43'19"W

NR.	DISTANCE	BEARING
T25	41.73'	N 30°46'41"E
T26	44.31'	S 71°43'19"E
T27	15.10'	N18°16'41"E
T28	32.90'	N18°16'41"E
T29	10.31'	S57°41'08"E
T30	10.31'	S85°45'29"E
T31	39.00'	N18°16'41"E
T32	20.00'	N18°16'41"E
T33	8.02'	N18°16'41"E

NR.	RADIUS	ARC	CHORD	DELTA	TANGENT
C1	200.00'	106.88'	105.61'	30°37'06"	54.75'
C2	400.00'	124.54'	124.04'	17°50'21"	62.78'
C3	45.00'	57.48'	53.65'	73°11'14"	33.41'
C4	45.00'	67.11'	61.07'	85°27'09"	41.56'
C5	25.00'	39.27'	35.36'	90°00'00"	25.00'
C6	370.00'	115.20'	114.74'	17°50'21"	58.07'
C7	25.00'	13.05'	12.90'	29°54'16"	6.68'
C8	25.00'	3.63'	3.62'	08°18'32"	1.82'
C9	45.00'	65.32'	59.73'	83°09'48"	39.93'
C10	45.00'	62.29'	57.44'	79°18'58"	37.30'
C11	45.00'	3.02'	3.02'	03°50'50"	1.51'
C12	25.00'	16.67'	16.37'	38°12'48"	8.66'
C13	25.00'	39.23'	35.32'	89°54'00"	24.96'
C14	25.00'	39.31'	35.39'	90°06'00"	25.04'
C15	430.00'	32.68'	32.67'	04°21'14"	16.35'
C16	430.00'	30.30'	30.29'	04°02'14"	15.16'
C17	430.00'	70.91'	70.83'	09°26'53"	35.53'
C18	45.00'	76.80'	67.81'	97°47'11"	51.57'
C19	430.00'	4.54'	4.54'	00°36'20"	2.27'
C20	430.00'	129.34'	128.85'	17°14'00"	65.16'
C21	370.00'	57.60'	57.54'	08°55'10"	28.86'
C22	50.00'	78.51'	70.69'	89°57'50"	49.97'
C23	200.00'	251.89'	235.57'	72°09'39"	145.74'
C24	170.00'	214.11'	200.23'	72°09'39"	123.88'
C25	230.00'	72.53'	72.23'	18°04'07"	36.57'
C26	230.00'	94.56'	93.90'	23°33'24"	47.96'
C27	230.00'	94.56'	93.90'	23°33'25"	47.96'
C28	25.00'	36.23'	33.14'	83°01'17"	22.15'
C29	230.00'	28.01'	28.00'	06°58'43"	14.02'
C30	22.50'	1.17'	1.17'	02°59'58"	0.58'
C31	22.50'	29.27'	27.25'	74°32'02"	17.12'
C32	37.50'	36.49'	35.07'	55°45'16"	19.84'

C21 44 2 of 4

DRAWING NO. 1564 REFERENCE 1625
SUBDIVISION PLAT SHEET 3 OF 27

26 1564 0384

C21 44 3 of 4

CLIFFORD INDUSTRIAL PARK

ALBUQUERQUE, NEW MEXICO
SCALE: 1"=100' JULY 1982

C-21
44 3 OF 4

SEE SHEET 2 FOR MATCH LINE

WASHINGTON PLACE

24' TEMPORARY PUBLIC ACCESS EASEMENT

25 PERMANENT SANITARY SEWER EASEMENT

AMAFCA NORTH DIVERSION CHANNEL

DETAIL
Scale 1"=50

TRACT E
LANDS OF SPRINGER CORP.
(FILED: JULY 11, 1975)
D6-163

SCALE IN FEET
50 0 50 100 200
SCALE: 1"=100

POWER LINE EASEMENT

35' DRAINAGE EASEMENT

PUBLIC SERVICE COMPANY

45' DRAINAGE EASEMENT

10' UTILITY EASEMENT

10' DRAINAGE EASEMENT

WASHINGTON PLACE

CORONA LOOP

ANAHEIM AVENUE

10' UTILITY EASEMENT

SWITCH GEAR EASEMENT 12 x 15

PRIVATE EASEMENT OF INGRESS & EGRESS LOTS 32-38

ACCESS EASEMENT SEE SHEET 4 FOR DETAILS

WASHINGTON STREET

30' EXISTING TEMPORARY ACCESS EASEMENT

30' CITY EASEMENT

CITY OF ALBUQUERQUE WELL SITE
(FILED SEPT 24, 1973)
(BOOK D950, PAGE 450-451)

FOUND 1/2" REBAR

FOUND NAIL & SHINER REPLACED WITH REBAR & PE & LS 2455 CAP

AMAFCA DRAINAGE EASEMENT
(FILED JAN 27, 1967)
(BOOK 143, PAGE 613-615)

LOT F
LOTS F, G, AND H, TRACT 4
LANDS OF LOS ANGELES INVESTORS
FILED: AUG. 13, 1979
B16-174

LOT E, TRACT 4
LANDS OF LOS ANGELES INVESTORS
FILED AUG 13, 1979
B16-172

"ACS" 8-C17, 1975"
NEW MEXICO ST. PL. COOR.
(CENTRAL ZONE)
X = 396964.26
Y = 1520607.77
ELEV = 5111.029
Δ ∢ = -00°11'55"
GROUND TO GRID FACTOR = 0.99966770

LOT 1A
LOT 2A
LOT 3A
LOT B
LOT C
LOT D

REPLAT OF LOT A, TRACT 4 LANDS OF LOS ANGELES INVESTORS FILED AUG 13, 1979 B16-175

LOTS A, B, C & D, TRACT 4 LANDS OF LOS ANGELES INVESTORS FILED AUG 13, 1979 B16-170

SURVEYOR'S CERTIFICATION

I, A. DWAIN WEAVER, UNDER THE LAWS OF NEW MEXICO, CERTIFY THAT I AM A REGISTERED LAND SURVEYOR, AND THAT THIS PLAT WAS PREPARED BY ME OR UNDER MY SUPERVISION, SHOWS ALL EASEMENTS OF RECORD, MEETS THE MINIMUM REQUIREMENTS FOR MONUMENTATION AND SURVEYS CONTAINED IN THE ALBUQUERQUE SUBDIVISION ORDINANCE, AND IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

A. Dwain Weaver — AUG. 11, 1982
A. DWAIN WEAVER, P.L.S. No. 6544, N.M. — DATE

JOB NO 20681

SHEET 3 OF 4 SHEETS

126, 1564 0484

C21 44 3 of 4

DRAWING NO. 1564 REFERENCE 1625
SUBDIVISION PLAT SHEET 4 OF 27

C21 44 4of4

83 24548

CLIFFORD INDUSTRIAL PARK

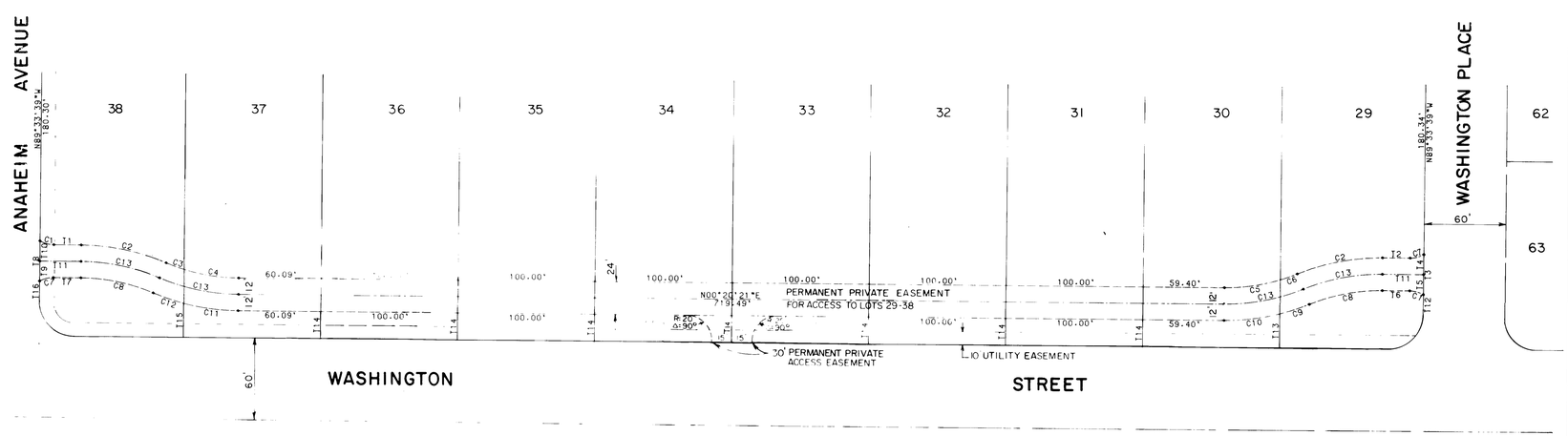
ALBUQUERQUE, NEW MEXICO
SCALE: 1"=50' JULY 1982

753 / C-2.1 44-4-C4

TANGENT AND CURVE TABLES FOR THIS SHEET ONLY

NR.	DISTANCE	BEARING
T1	20.00'	N00°20'21"E
T2	20.11'	N00°20'21"E
T3	29.36'	S89°33'39"E
T4	14.66'	S89°33'39"E
T5	14.70'	S89°33'39"E
T6	20.00'	S00°20'21"W
T7	20.11'	S00°20'21"W
T8	29.36'	N89°33'39"W
T9	14.66'	N89°33'39"W
T10	14.70'	N89°33'39"W
T11	30.06'	N00°20'21"E
T12	15.35'	N89°33'39"W
T13	25.17'	N89°39'39"W
T14	20.00'	N89°39'39"W
T15	24.99'	N89°39'39"W
T16	15.29'	N89°39'39"W

NR.	RADIUS	ARC	CHORD	DELTA	TANGENT
C1	20.00'	10.51'	10.39'	30°06'00"	5.38'
C2	162.00'	63.85'	63.44'	22°34'54"	32.34'
C3	138.00'	13.90'	13.89'	05°46'10"	6.95'
C4	138.00'	40.49'	40.35'	16°48'44"	20.39'
C5	138.00'	41.20'	41.05'	17°06'27"	20.76'
C6	138.00'	13.18'	13.18'	05°28'27"	6.60'
C7	20.00'	10.44'	10.32'	29°54'00"	5.34'
C8	138.00'	54.39'	54.04'	22°34'54"	27.55'
C9	162.00'	22.82'	22.80'	08°04'10"	11.43'
C10	162.00'	41.03'	40.92'	14°30'44"	20.63'
C11	162.00'	40.33'	40.23'	14°15'49"	20.27'
C12	162.00'	23.52'	23.50'	08°19'05"	11.78'
C13	150.00'	59.12'	58.74'	22°34'54"	29.95'



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A. DWAIN WEAVER
PLS No. 6544, NEW MEXICO

A116.11.1982
DATE

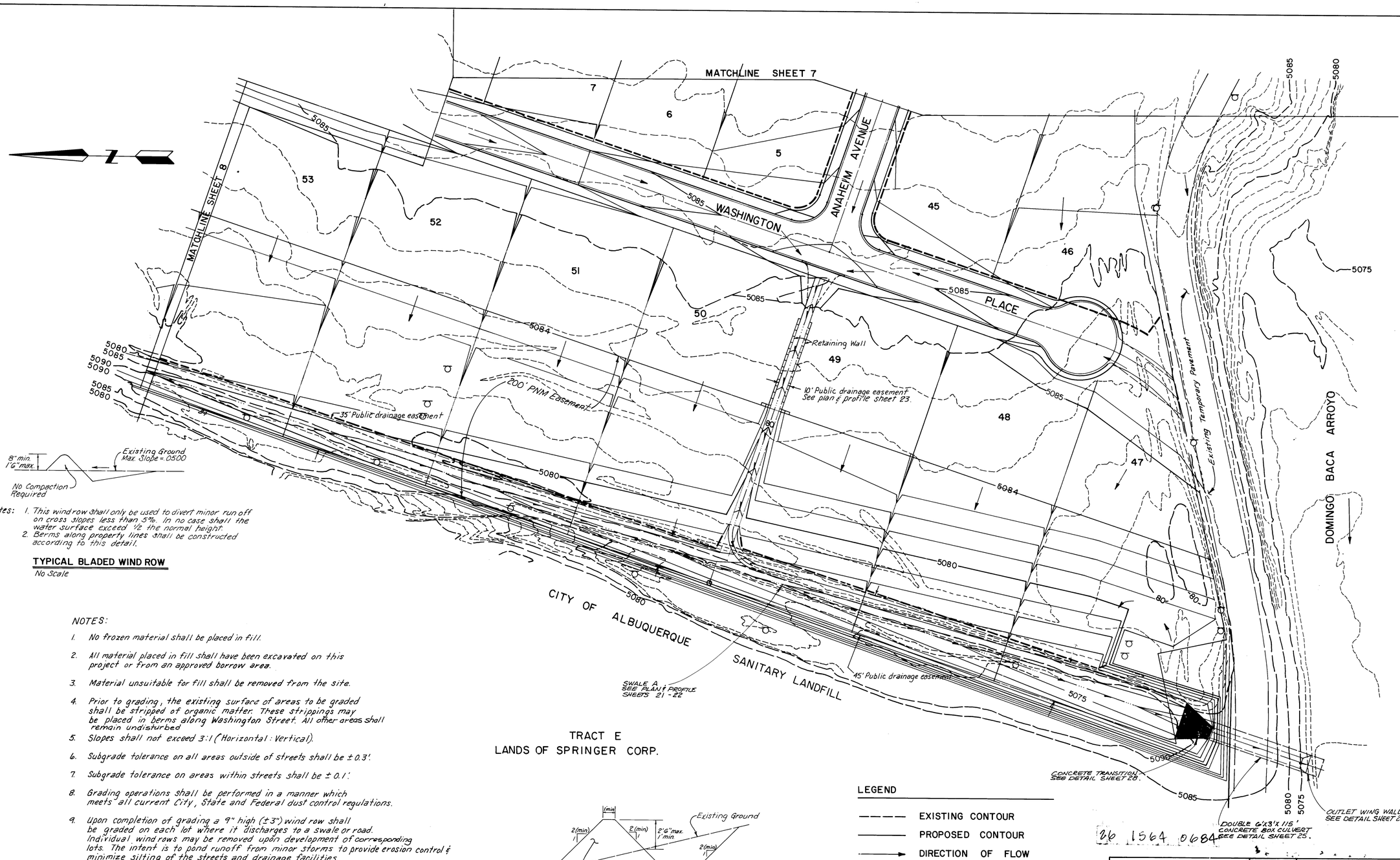
JOB NO. 20681

SHEET 4 OF 4 SHEETS

26 1564 0584

C21 44 4of4

DRAWING NO. 1564 REFERENCE 1625
SUBDIVISION PLAT SHEET 5 OF 27



Notes: 1. This wind row shall only be used to divert minor run off on cross slopes less than 5%. In no case shall the water surface exceed ½ the normal height.
2. Berms along property lines shall be constructed according to this detail.

TYPICAL BLADED WIND ROW
No Scale

NOTES:

1. No frozen material shall be placed in fill.
2. All material placed in fill shall have been excavated on this project or from an approved borrow area.
3. Material unsuitable for fill shall be removed from the site.
4. Prior to grading, the existing surface of areas to be graded shall be stripped of organic matter. These strippings may be placed in berms along Washington Street. All other areas shall remain undisturbed
5. Slopes shall not exceed 3:1 (Horizontal : Vertical).
6. Subgrade tolerance on all areas outside of streets shall be ± 0.3'.
7. Subgrade tolerance on areas within streets shall be ± 0.1'.
8. Grading operations shall be performed in a manner which meets all current City, State and Federal dust control regulations.
9. Upon completion of grading a 9" high (±3") wind row shall be graded on each lot where it discharges to a swale or road. Individual wind rows may be removed upon development of corresponding lots. The intent is to pond runoff from minor storms to provide erosion control & minimize silting of the streets and drainage facilities.
10. Until a final Drainage solution is built no runoff will be discharged from the site. It will be retained within the West swale. The 100 year volume is 10.4 acre ft., the 10 year volume is 6.9 acre ft. These water surface elevations shall be 5082 and 5081 respectively.

Note:
Berms shown as ▬▬ shall be constructed according to this detail.

TYPICAL SECTION OF TEMPORARY DIVERSION BERM
No Scale

LEGEND

- EXISTING CONTOUR
- PROPOSED CONTOUR
- DIRECTION OF FLOW
- DRAINAGE SWALE
- PROPOSED STANDARD CURB & GUTTER
- EXISTING STANDARD CURB & GUTTER
- TEMPORARY DIVERSION BERM
- EXISTING UTILITY POLE

SCALE: 1" = 50'

26 1564 0684

BENCH MARKS
THE STATION IS A STANDARD AGS. BRASS TABLET, STAMPED "B-C17, 1975" CEMENTED IN A DRILL HOLE IN TOP OF THE WEST CONCRETE CURB 0.3 MILE NORTH OF LOS ANGELES BLVD. ON WASHINGTON ST.
ELEV. = 5111.029

AS-BUILT INFORMATION
CONTRACTOR
WORK STAKED BY — DATE
INSPECTORS ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE
MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

SURVEY INFORMATION
BY | DATE | NO.

REFERENCES
MAP NO. C-17
EST. NO. | W.O. NO.

REVISIONS
NO. | DATE | REMARKS | BY

DESIGNED BY DWW DATE 9/82
DRAWN BY PE DATE 9/82
CHECKED BY DMYM DATE 9/82

PREPARED UNDER THE DIRECTION OF
DAVID B.T. WILLIAMS NEW MEXICO 7847 REGISTERED PROFESSIONAL ENGINEER

APPROVED FOR ROUGH GRADING
CITY ENGINEER DATE 6-21-83

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE:
CLIFFORD INDUSTRIAL PARK
GRADING PLAN (WEST)

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		6-21-83	Liquid Waste	N.A.	7-27-83
A.C.E.-Design		7/26/83	Traffic	N.A.	
A.C.E.-Hydrology		7/26/83	Water	N.A.	7-27-83

DRAWING NO. 1564
SHEET 6 OF 27

REFERENCE 1625

BRUNING 44-132 52753

MATCHLINE SHEET 8

CORONA LOOP

LOOP

CORONA

STREET

ANAHEIM AVENUE

WASHINGTON

MATCHLINE

SHEET 6

WELL SITE ACCESS

CITY OF ALBUQUERQUE WELL SITE

Existing 24" Culvert

Top of Berm 5093.5

Top of Berm 5088.2

Top of Berm 5089.5

Top of Berm 5091.5

Top of Berm 5105.0

3400 Ft.³ Ponding

15' Private Drainage Easement See Detail Sheet 8

Future concrete rundown - TYP

Temporary Pavement to be removed after Approval by City Engineer

Future concrete rundown - TYP

DOMINGO BACA ARROYO

LOOP INDUSTRIAL PARK

Washington Street Improvements to be constructed with SAD 201

Existing Washington Street Improvements

Place Riprap "A" (See Sheet 20) Along Both Sides Of Rundown. Riprap Should Extend A Minimum of 2' Horizontally And 18" Deep. Place 6" of Subbase Material Below Riprap.

3/8" Radius Tooled Edge. Typ.

R=3/8"

Compacted Fill

#4@12"-Bar Typ.

#4@12"-Bar Grade Rebar @ 12" o.c.

*Subbase Material Shall Be In Accordance With New Mexico State Highway Department Specification 305.01 class IV

SECTION A-A
No Scale

Asphalt Pavement

6" Minimum Height Curb Transition Portion Minimum Slope=.020

Rundown Portion Match Slope to Channel Side: 5% Min. 50% Max.

Arroyo Flow Line

5'x5'x12" Wire Enclosed Riprap w/ 6" Subbase Filter. See Sheet For Riprap Size Specifications.

Cut Off Wall

TYPICAL CONCRETE RUNDOWN DETAIL
No Scale - Not to Be Built With This Project

*Note: This Design May Be Modified With Approval of AMAFCA And The City Engineer

SEE NOTES SHEET 6

LEGEND

- EXISTING CONTOUR
- PROPOSED CONTOUR
- DIRECTION OF FLOW
- DRAINAGE SWALE
- PROPOSED STANDARD CURB & GUTTER
- EXISTING STANDARD CURB & GUTTER
- TEMPORARY DIVERSION BERM
- EXISTING UTILITY POLE 36 1564 07BA

SCALE: 1"= 50'

BENCH MARKS

THE STATION IS A STANDARD A.C.S. BRASS TABLET STAMPED "B-C1T 1975" CEMENTED IN A DRILL HOLE IN THE WEST CONCRETE CURB 0.3 MILE NORTH OF LOS ANGELES BLVD. ON WASHINGTON ST.

ELEV.= 5111.029

AS-BUILT INFORMATION

CONTRACTOR — DATE
SURVEYED BY
STAKED BY
INSPECTORS — DATE
NOTE PHASE BY
FIELD — DATE
VERIFICATION BY
DRAWING — DATE
CORRECTED BY

MICRO-FILM INFORMATION

RECORDED BY — DATE
NO.

SURVEY INFORMATION

NO.	BY	DATE

REFERENCES
MAP NO. C-17
EST. NO.
W.O. NO.

NO.	DATE	REMARKS	BY
		REVISIONS	
		DESIGN	

DESIGNED BY DWW 9/82
DRAWN BY PE 9/82
CHECKED BY DMYM 9/82

PREPARED UNDER THE DIRECTION OF
DAVID M. F. WILLIAMS NEW MEXICO 7547 REGISTERED PROFESSIONAL ENGINEER

APPROVED FOR ROUGH GRADING
CITY ENGINEER — DATE 6-21-83

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE:
CLIFFORD INDUSTRIAL PARK
GRADING PLAN (SOUTH)

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Liquid Waste	N.A.	7-27-83
A.C.E.–Design			Traffic	N.A.	
A.C.E.–Hydrology			Water	N.A.	7-27-83
A.M.A.F.C.A.					

DRAWING NO. 1564

SHEET 7 OF 27

REFERENCE 1625

BRUNING 44-132 52753

TRACT B

SANITARY LANDFILL

15' Private drainage easement

35' Public drainage easement

200' PNM Easement

15' Temporary Asphalt Drainageway

MATCHLINE SHEET 9

MATCHLINE SHEET 86

MATCHLINE SHEET 7

PLACE

STREET

WASHINGTON

CORONA

LOOP

LOS ANGELES

INVESTORS

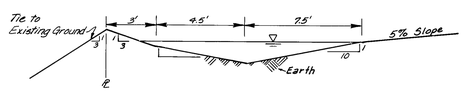
PRIVATE

To be constructed with SAD 201

15' Private drainage easement See Detail this Sheet

LEGEND

- EXISTING CONTOUR
- PROPOSED CONTOUR
- DIRECTION OF FLOW
- DRAINAGE SWALE
- PROPOSED STANDARD CURB & GUTTER
- EXISTING STANDARD CURB & GUTTER
- TEMPORARY DIVERSION BERM



TEMPORARY PRIVATE DRAINAGE SWALE

BRUNING 44-132 52753

BENCH MARKS

THE STATION IS A STANDARD AGS BRASS TABLET, STAMPED "B-CIT, 1975", CEMENTED IN A DRILL HOLE IN TOP OF THE CONCRETE CURB 0.3 MILE NORTH OF LOS ANGELES BLVD. ON WASHINGTON ST.

ELEV. = 5111.029

AS-BUILT INFORMATION

CONTRACTOR
WORK STAKED BY — DATE
INSPECTORS FIELD CHANGES BY — DATE
FIELD VERIFICATION BY — DATE
AS-BUILT CORRECTED BY — DATE

MICRO-FILM INFORMATION

RECORDED BY — DATE
NO.

SURVEY INFORMATION

NO. | BY | DATE

REFERENCES

MAP NO. C-17
EST. NO. — W.O. NO.

REVISIONS

NO. | DATE | REMARKS | BY

DESIGNED BY DWW DATE 9/82
DRAWN BY PE DATE 9/82
CHECKED BY DMYM DATE 9/82

PREPARED UNDER THE DIRECTION OF

DAVID M. T. MILLING — NEW MEXICO — 7541 — REGISTERED PROFESSIONAL ENGINEER

APPROVED FOR ROUGH GRADING

CITY ENGINEER — DATE 6-21-83

SCALE: 1" = 50'

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: CLIFFORD INDUSTRIAL PARK GRADING PLAN (CENTRAL)

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	C.A. Wherry	6-21-83	Liquid Waste	N.A. James J.	7-27-83
A.C.E.- Design			Traffic	N.A.	
A.C.E.- Hydrology		6/17/83	Water	N.A. James J.	7-27-83

DRAWING NO. 1564

SHEET 8 OF 27

REFERENCE 1625

124

TRACT B

SANITARY LANDFILL

15' Private drainage easement

35' Public drainage easement

200' PNM Easement

15' Temporary Asphalt Drainageway

MATCHLINE SHEET 9

MATCHLINE SHEET 86

MATCHLINE SHEET 7

PLACE

STREET

WASHINGTON

CORONA

LOOP

LOS ANGELES

INVESTORS

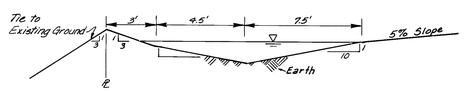
PRIVATE

To be constructed with SAD 201

15' Private drainage easement See Detail this Sheet

LEGEND

- EXISTING CONTOUR
- PROPOSED CONTOUR
- DIRECTION OF FLOW
- DRAINAGE SWALE
- PROPOSED STANDARD CURB & GUTTER
- EXISTING STANDARD CURB & GUTTER
- TEMPORARY DIVERSION BERM



TEMPORARY PRIVATE DRAINAGE SWALE

BRUNING 44-132 52753

BENCH MARKS

THE STATION IS A STANDARD AGS BRASS TABLET, STAMPED "B-CIT, 1975", CEMENTED IN A DRILL HOLE IN TOP OF THE CONCRETE CURB 0.3 MILE NORTH OF LOS ANGELES BLVD. ON WASHINGTON ST.

ELEV. = 5111.029

AS-BUILT INFORMATION

CONTRACTOR
WORK STAKED BY — DATE
INSPECTORS FIELD CHANGES BY — DATE
FIELD VERIFICATION BY — DATE
AS-BUILT CORRECTED BY — DATE

MICRO-FILM INFORMATION

RECORDED BY — DATE
NO.

SURVEY INFORMATION

NO. | BY | DATE

REFERENCES

MAP NO. C-17
EST. NO. — W.O. NO.

REVISIONS

NO. | DATE | REMARKS | BY

DESIGNED BY DWW DATE 9/82
DRAWN BY PE DATE 9/82
CHECKED BY DMYM DATE 9/82

PREPARED UNDER THE DIRECTION OF

DAVID M. T. MILLING — NEW MEXICO — 7541 — REGISTERED PROFESSIONAL ENGINEER

APPROVED FOR ROUGH GRADING

CITY ENGINEER — DATE 6-21-83

SCALE: 1" = 50'

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: CLIFFORD INDUSTRIAL PARK GRADING PLAN (CENTRAL)

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	C.A. Wherry	6-21-83	Liquid Waste	N.A. James J.	7-27-83
A.C.E.- Design			Traffic	N.A.	
A.C.E.- Hydrology		6/17/83	Water	N.A. James J.	7-27-83

DRAWING NO. 1564

SHEET 8 OF 27

REFERENCE 1625

124

LEGEND

- EXISTING CONTOUR
- PROPOSED CONTOUR
- DIRECTION OF FLOW
- DRAINAGE SWALE
- PROPOSED STANDARD CURB & GUTTER
- EXISTING STANDARD CURB & GUTTER
- EXISTING UTILITY POLE
- TEMPORARY DIVERSION BERM

RICHFIELD AVENUE

STREET

WASHINGTON

LOOP

INDUSTRIAL

DISTRICT

TRACT B

SANITARY LANDFILL

Desilting Basin

Swale A

MATCHLINE SHEET 8

MATCHLINE SHEET 8

SCALE: 1"= 50'

BENCH MARKS

THE STATION IS A STANDARD ACS BRASS TABLET, STAMPED "8-C17, 1975", CEMENTED IN A DRILL HOLE IN TOP OF THE WEST CONCRETE CURB 0.3 MILE NORTH OF LOS ANGELES BLVD. ON WASHINGTON ST.
ELEV.= 5111.029

AS-BUILT INFORMATION

CONTRACTOR
WORK STAKED BY — DATE
PROJECT COMPLETION ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS REVISED BY — DATE

MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

SURVEY INFORMATION

NO.	DATE	BY

REFERENCES
MAP NO. C-17
EST. NO.
W.O. NO.

REVISIONS

NO.	DATE	REMARKS	BY

DESIGN
DESIGNED BY DWW DATE 9/82
DRAWN BY PE DATE 9/82
CHECKED BY DMYM DATE 9/82

PREPARED UNDER THE DIRECTION OF
DAVID M. T. MILLING NEW MEXICO 7544 REGISTERED PROFESSIONAL ENGINEER
10-27-82

APPROVED FOR ROUGH GRADING
Bruce D. Burnett 6-21-83
CITY ENGINEER DATE

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: CLIFFORD INDUSTRIAL PARK GRADING PLAN (NORTH)

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	C.E. Hoggan	6-21-83	Liquid Waste	N.A. James Jr.	7-27-83
A.C.E.- Design	[illegible]	[illegible]	Traffic	N.A. [illegible]	
A.C.E.-Hydrology	[illegible]	[illegible]	Water	N.A. James Jr.	7-27-83

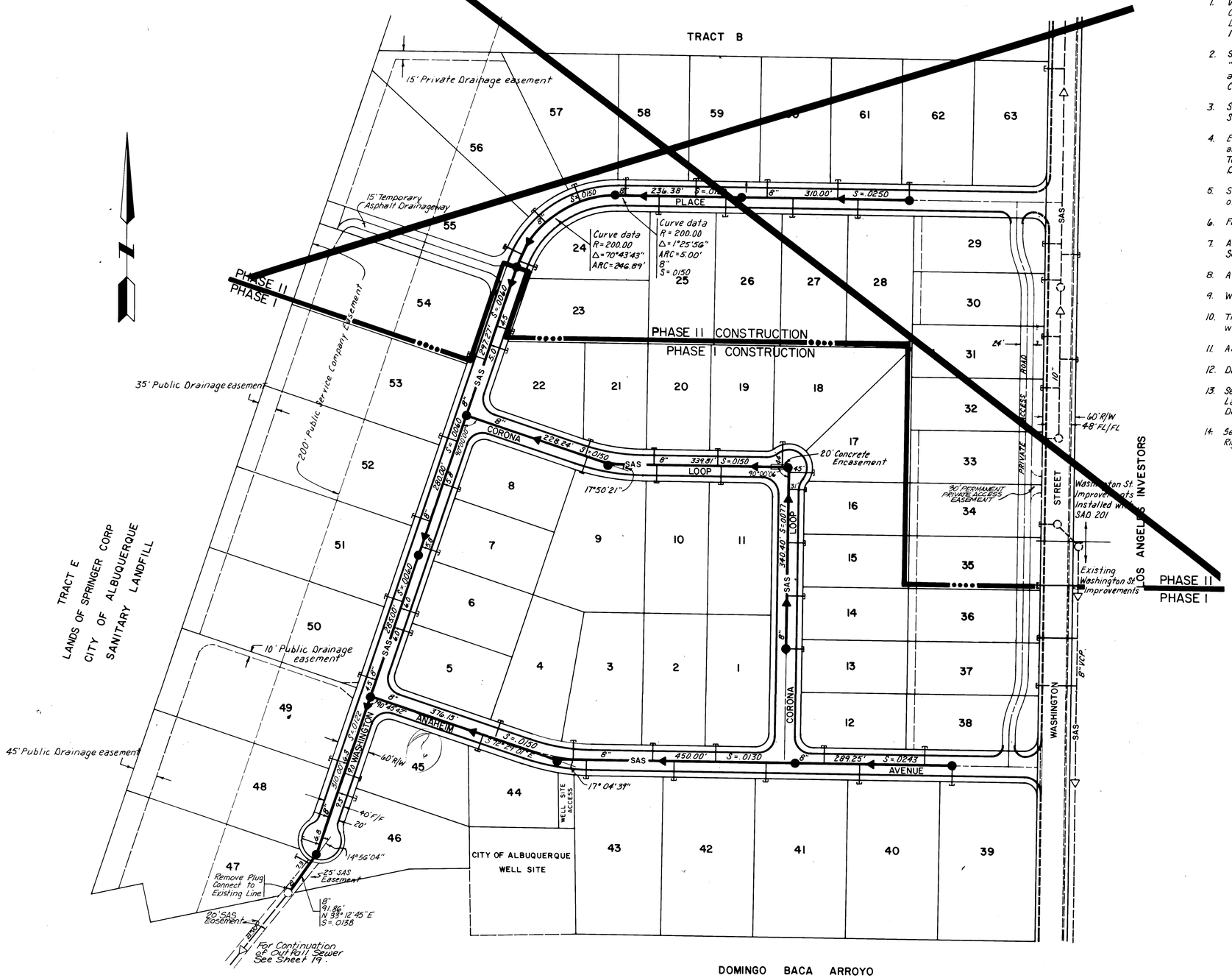
DRAWING NO. 1564
SHEET 9 OF 27

26 1564 0984

REFERENCE 1625

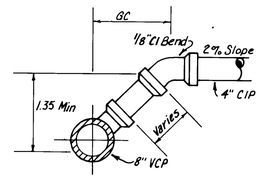
BRUNING 44-132 52753

TO BE CONSTRUCTED WITH PROJECT 1625



NOTES:

1. Water and Sewer Lines shall be installed per Supplemental General Conditions Section 18.1, Policy on the proximity of Water and Sewer Lines, New Mexico Standard Specifications for Public Works Construction, 1979 Edition.
2. Sewer Line construction shall comply with the City of Albuquerque "Contract Documents for City-Wide Utilities and Cash Paving #31 and the New Mexico Standard Specifications for Public Works Construction, 1979 Edition.
3. Sewer Services, other than those indicated, shall not tie-in to the Sewer Main at manholes.
4. Electronic Marker Disks shall be installed at all service tees and at all plugged ends as specified in Section 131 of the Supplemental Technical Specifications to the City of Albuquerque "Contract Documents for City Wide Utilities and Cash Paving #31."
5. Streets shall be graded to finish grade ± 1.0' Prior to installation of utilities.
6. For Sanitary Sewer service tee locations see sheets 13 through 18.
7. All service line stub-outs shall be perpendicular to the Sanitary Sewer Main. Stub outs shall be 4" CIP unless otherwise noted.
8. A water-tight plug and EMD shall be installed at the end of each stub-out.
9. Water line shall be a minimum 10' North or West of centerline of the Sanitary Sewer Line.
10. The Sanitary Sewer Main and laterals within the street right-of-ways will be maintained by the City of Albuquerque.
11. All encasement shall be constructed per City Standard Drawing S-10.
12. Deflections through manholes are 0°0'0" unless otherwise specified.
13. Sewer Service Laterals shall have between 2% and 10% slopes. Deep Laterals shall be constructed according to the Service Connection Detail below. The distance GC is specified in the plan view.
14. Sewer Service Lateral Plugs shall be located one Foot outside of the Right of Way. The Elevations given in the Profiles are at the Plugs.



TYPICAL SERVICE CONNECTION
NO SCALE

LEGEND

- PROPOSED SANITARY SEWER LINE
- EXISTING SANITARY SEWER LINE
- PROPOSED MANHOLE
- EXISTING MANHOLE
- PROPOSED SERVICE LATERAL SHOWING GC DISTANCE
- EXISTING SERVICE LATERAL

2/6 | 1564 | 1084

BENCH MARKS
1. THE STATION IS A STANDARD AGS BRASS TABLET, STAMPED "B-C17 1975" CEMENTED IN A DRILL HOLE IN TOP OF THE WEST CONCRETE CURB, 0.3 MILE NORTH OF LOS ANGELES BLVD. ON WASHINGTON ST.
ELEV. = 5111.029

AS-BUILT INFORMATION
CONTRACTOR SHALL MARK AND STAKED BY ____ DATE
INSPECTORS NOTATIONS CHANGE BY ____ DATE
FIELD VERIFICATION BY ____ DATE
CORRECTED BY ____ DATE

MICRO-FILM INFORMATION
RECORDED BY ____ DATE
NO. ____

SURVEY INFORMATION
NO. | DATE | BY

REFERENCES
MAP NO. C-17
EST. NO.
W.O. NO.

REMARKS | NO. | DATE | BY

REVISIONS
DESIGN
DESIGNED BY DWW DATE 9/82
DRAWN BY PE DATE 9/82
CHECKED BY DMYM DATE 9/82

PREPARED UNDER THE DIRECTION OF
DAVID M. Y. MILLER 7641 REGISTERED PROFESSIONAL ENGINEER
10-21-82

APPROVED FOR CONSTRUCTION
CITY ENGINEER ____ DATE 12/16/82
AMENDED 8/15/83

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: CLIFFORD INDUSTRIAL PARK-PHASE I
LOTS 1-63
SANITARY SEWER DESIGN

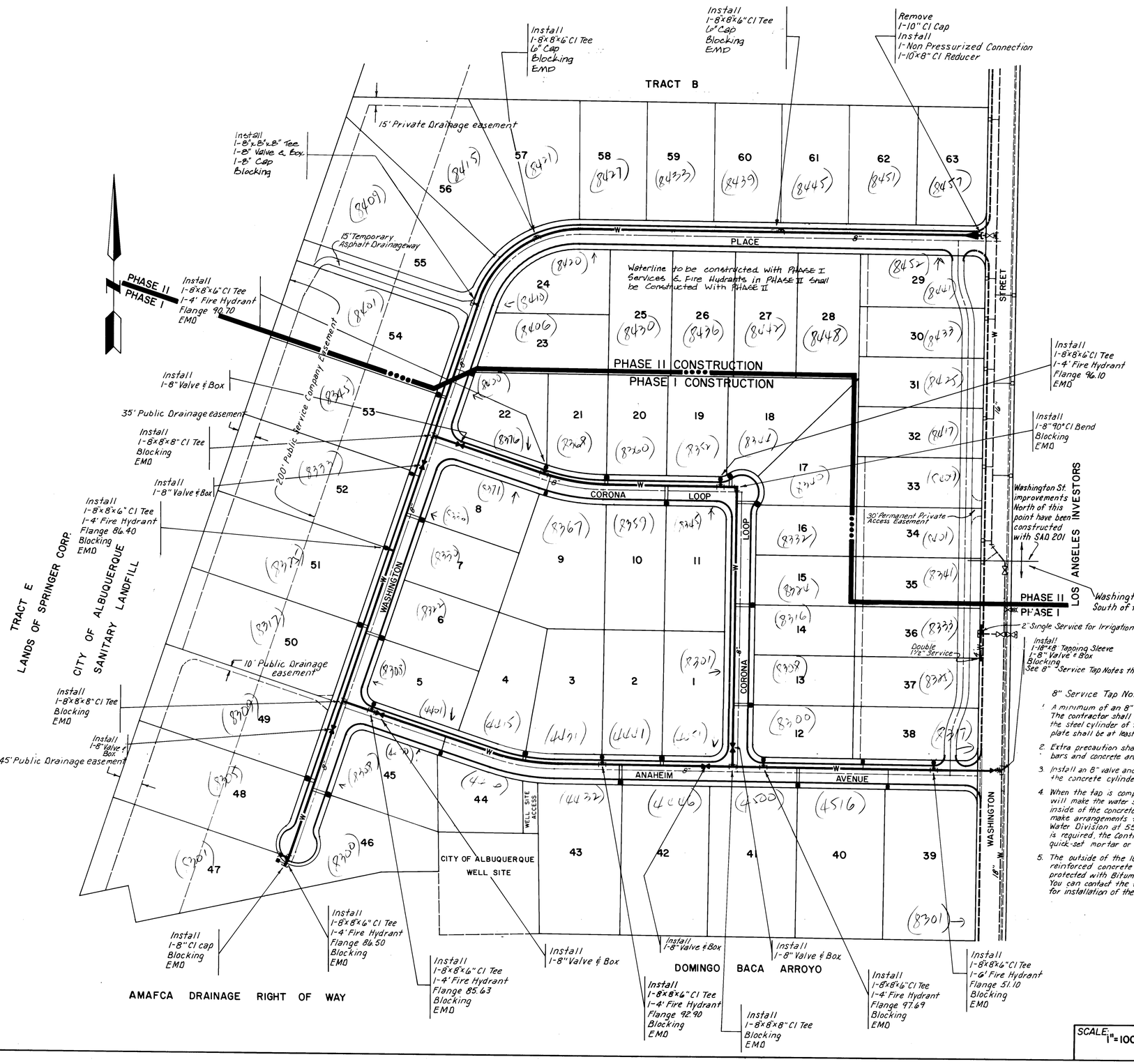
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		12/16/82	Liquid Waste	James Lopmilla	7-27-83
A.C.E.-Design		12-8-82	Traffic	N.A.	
A.C.E.-Hydrology	N.A.	9/15/83	Water	James Lopmilla	7-27-83

DRAWING NO. 1564
SHEET 10 OF 27

SCALE: 1"=100'

BRUNING 44-132 52753

REFERENCE 1625



Notes:

1. Waterline Construction shall comply with the City of Albuquerque "Contract Documents for City-Wide Utilities and Cash Paving #31" and the New Mexico Standard Specifications for Public Works Construction 1979 Edition.
2. All Waterlines shall be located 10' North or West of the street centerline.
3. All Fire Hydrants shall be located at the PC of curb returns or at property lines.
4. All Water Valves shall be located at the PC of curb returns, or 5' after the PC when a Fire Hydrant occupies the PC.
5. All Water Valve Box Covers within the streets shall be identified as specified in "Special Order #18", from the City Engineer.
6. "Whenever possible, it is desirable to lay parrallel water and sewer lines at least 10 feet apart horizontally, and the water line should be a higher elevation than the sewer. If this is not possible, separate trenches will be required in all cases (this shall be effective even though one line has been installed prior to the other), and the water line shall be at least 2 feet above the sewer. When water and sewer lines cross each other, the water line shall be at least 3 feet above the sewer, otherwise the sewer shall be of cast iron pipe." A preferred alternative is encasement in concrete as shown in the Standard Details for 10' on each side of the water line.
7. All Water Lines shall have a minimum of 3'8" bury from top of curb.
8. Streets shall be graded to Finished Grade ± 1'0" prior to installation of utilities.
9. The Utility Contractor shall be responsible for constructing water services from water main to curb stop including curb box along with street and utility improvements. Installation of water service from curb to property line shall be done by Utility Contractor when meters are set.
10. Electronic Marker Disks shall be installed at all valves, bends, caps, tees and service connections as specified in Section 131 of the Supplemental Technical Specifications to the City of Albuquerque Contract Documents for City Wide Utilities and Cash Paving #31.
11. Single Water Meter Locations will have 1½" service lines and 1½" Water Meters and one Water Meter Box and Cover.
12. Double Water Meter Locations will have two 1½" service lines, two 1½" Water Meters with one Water Meter Box and Cover.
13. Water Meter locations will be in accordance with City Standard Drawing # W-15-1.
14. Water Meters shall be grouped in pairs whenever possible.
15. All Waterlines and Services within easements shall be built to City of Albuquerque Standards and will be maintained by the City of Albuquerque.
16. Stationing of Valves and Bends shall be found on the plan and profile sheets of this plan set.

8" Service Tap Notes:

1. A minimum of an 8" service tap is to be installed. The contractor shall weld an 18" welded neck directly on the steel cylinder of the concrete cylinder pipe. The base plate shall be at least 14" (width) x 14" (length) x ½" (thickness).
2. Extra precaution shall be exercised when the reinforced bars and concrete are removed.
3. Install an 8" valve and make a direct pressurized tap on the concrete cylinder pipe.
4. When the tap is completed, the Water Systems Division will make the water shut-off on the line and inspect the inside of the concrete cylinder pipe. The Contractor shall make arrangements for a water shutoff permit with the Water Division at 5501 Pino Rd. NE, 766-7100. If grouting is required, the Contractor shall grout with a non-shrink, quick-set mortar or with Belzona quartz material.
5. The outside of the 18" concrete cylinder pipe, where the reinforced concrete is removed, shall be grouted or protected with Bitumastic 50 and with magnesium anodes. You can contact the Water Resources Dept. to make arrangements for installation of the anodes.

LEGEND

- EXISTING WATERLINE
- PROPOSED WATERLINE
- TEE
- BEND
- CAP
- VALVE
- FIRE HYDRANT
- DOUBLE 3/4" SERVICE
- SINGLE 3/4" SERVICE

AS-BUILT INFORMATION
BENCH MARKS
THE STATION IS A STANDARD AGS BRASS TABLET, STAMPED "B-C17 1975" CEMENTED IN A DRILL HOLE IN TOP OF THE WEST CONCRETE CURB 0.3 MILE NORTH OF LOS ANGELES BLVD. ON WASHINGTON ST.
ELEV. = 5111.029
CONTRACTOR
STAKED BY DATE
INSPECTOR'S CHANGES BY DATE
FIELD VERIFICATION BY DATE
MYLAR CORRECTED BY DATE
MICRO-FILM INFORMATION
RECORDED BY DATE
NO.
SURVEY INFORMATION
BY DATE NO.
REFERENCES
MAP NO. C-17
EST. NO.
W.O. NO.
BY
REVISIONS
NO. DATE REMARKS
DESIGNED BY DWW DATE 9/82
DRAWN BY PE DATE 9/82
CHECKED BY DMYM DATE 9/82

PREPARED UNDER THE DIRECTION OF
JOHN W. MILLER 7541 REGISTERED PROFESSIONAL ENGINEER
12-27-82

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: CLIFFORD INDUSTRIAL PARK-PHASE I
LOTS 1-63
WATER DESIGN

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	C.A. Shuppard	12/30/83	Liquid Waste	James Lopinello	1-27-83
A.C.E.-Design	[illegible]	12/30/83	Traffic	N.A. [illegible]	
A.C.E.-Hydrology	N.A. [illegible]	12/30/83	Water	James Lopinello	1-27-83

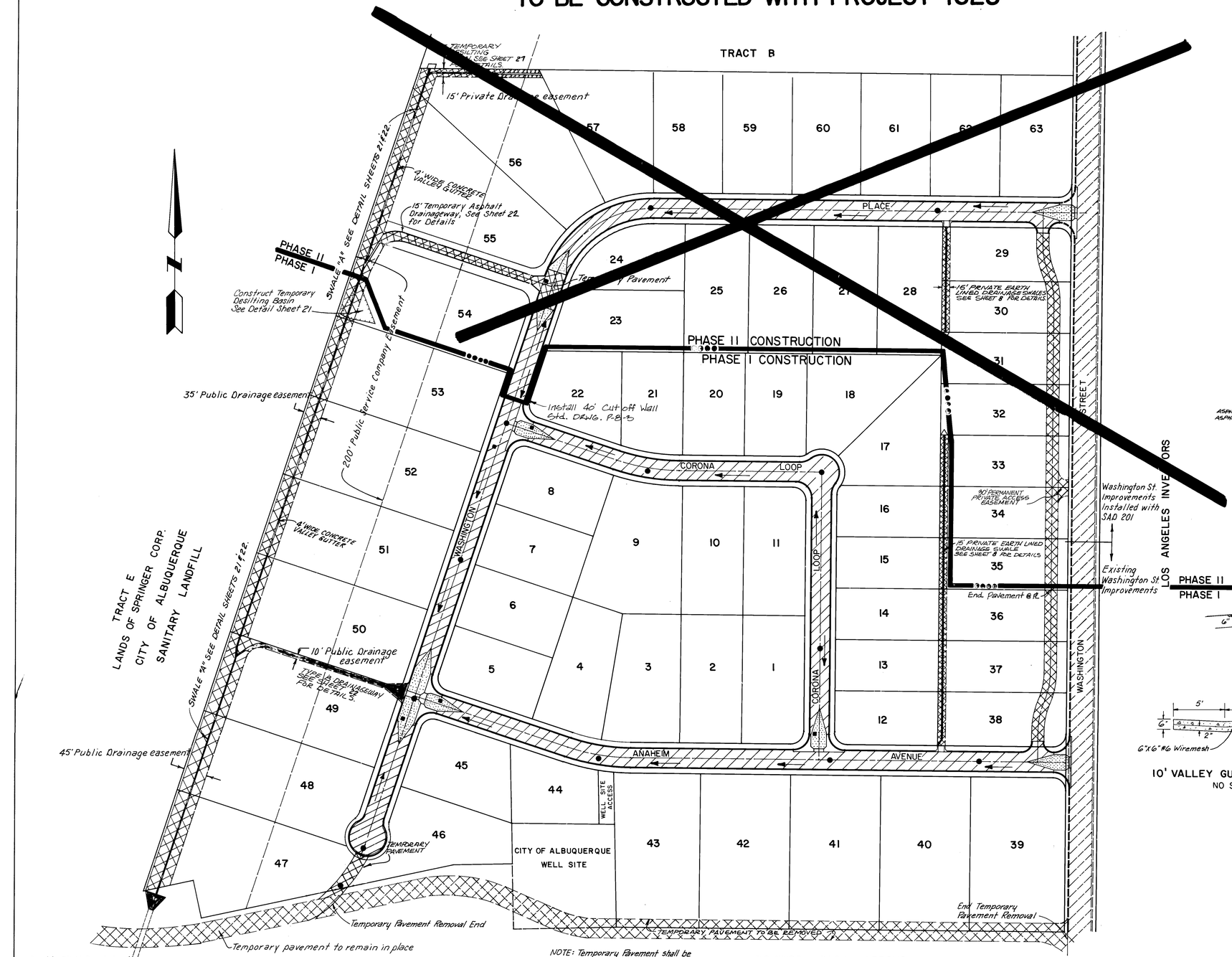
APPROVED FOR CONSTRUCTION
C.A. Shuppard 12/30/83
CITY ENGINEER [illegible] for GEO DATE

SCALE 1"=100'
DRAWING NO. 1564
SHEET 11 OF 27

BRUNING 44-132 52753

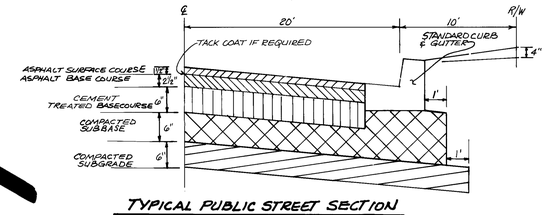
REFERENCE 1625

TO BE CONSTRUCTED WITH PROJECT 1625

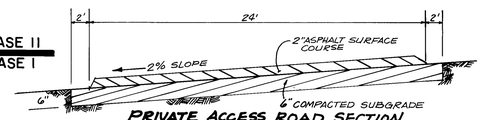


NOTES:

1. ALL RETURNS SHALL HAVE A 30' RADIUS AT THE FACE OF CURB, EXCEPT FOR THE PRIVATE ACCESS ROAD RETURNS WHICH WILL BE 20' RADIUS.
2. STREETS SHALL BE GRADED TO FINISHED GRADE ±1.0' PRIOR TO INSTALLATION OF UTILITIES.
3. ALL CURB WITHIN PROJECT SHALL BE STANDARD CURB & GUTTER PER STANDARD DRAWING P-8-2.
4. ALL STREETS WITHIN THE PROJECT SHALL BE PUBLIC EXCEPT THE PRIVATE ACCESS ROAD.
5. STATIONING SHOWN ON PLAN & PROFILE SHEETS IS CENTERLINE STATIONING.
6. PAVEMENT SHALL BE ACCORDING TO CITY STANDARD DRAWING P-7-1 FOR ARTERIAL STREETS.
7. ALL PUBLIC STREETS SHALL BE MAINTAINED BY THE CITY OF ALBUQUERQUE.
8. THE PRIVATE ACCESS ROAD WILL HAVE NO CURB & GUTTER AND SHALL BE MAINTAINED BY THE INDIVIDUAL PROPERTY OWNERS.
9. THE PRIVATE SWALES SHALL BECOME ASPHALT-LINED WITH A 8' CONCRETE VALLEY GUTTER UPON DEVELOPMENT OF ANY LOT WHICH CONTRIBUTES RUNOFF TO THE SWALE. SEE DETAIL SHEET 24. THESE IMPROVEMENTS SHALL BE MADE BY THE DEVELOPER OF CLIFFORD INDUSTRIAL PARK.
10. THE TEMPORARY ASPHALT DRAINAGEWAY WILL BE REPLACED BY A PERMANENT DRAINAGEWAY OR ROAD WITHIN 5 YEARS AFTER ITS CONSTRUCTION.



TYPICAL PUBLIC STREET SECTION



PRIVATE ACCESS ROAD SECTION

10' VALLEY GUTTER DETAIL
NO SCALE

LEGEND

- VALVE BOX
- MANHOLE
- CROWN FLATTENING
- TEMPORARY PAVING
- EXISTING TEMPORARY PAVING
- ARTERIAL PAVING
- EXISTING ARTERIAL PAVING

26 1564 1284

SURVEY INFORMATION — BENCH MARKS: THE STATION IS A STANDARD ACS BRASS TABLET, STAMPED "B-C17, 1975" CEMENTED IN A DRILL HOLE IN TOP OF THE WEST CONCRETE CURB 0.3 MILE NORTH OF LOS ANGELES BLVD. ON WASHINGTON ST. ELEV. = 5111.029

REFERENCES: MAP NO. C-17; EST. NO.; W.O. NO.

AS-BUILT INFORMATION: CONTRACTOR; WORK STAKED BY; DATE; INSPECTIONS & FIELD CHANGES BY; DATE; FIELD VERIFICATION BY; DATE; DRAWINGS CORRECTED BY; DATE

MICRO-FILM INFORMATION: RECORDED BY; DATE; NO.

NO.	BY	DATE	REMARKS
			REVISIONS
			DESIGN
			DESIGNED BY DWW DATE 9/82
			DRAWN BY DATE 9/82
			CHECKED BY DMYM DATE 9/82

PREPARED UNDER THE DIRECTION OF
DAVID M. Y. MILLER — NEW MEXICO — 7547 — REGISTERED PROFESSIONAL ENGINEER
10-27-83

APPROVED FOR CONSTRUCTION
C. N. Hayward 12/16/83
CITY ENGINEER DATE

SCALE: 1"=100'

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: CLIFFORD INDUSTRIAL PARK-PHASE I
LOTS 1-63
PAVING & STORM DRAINAGE DESIGN

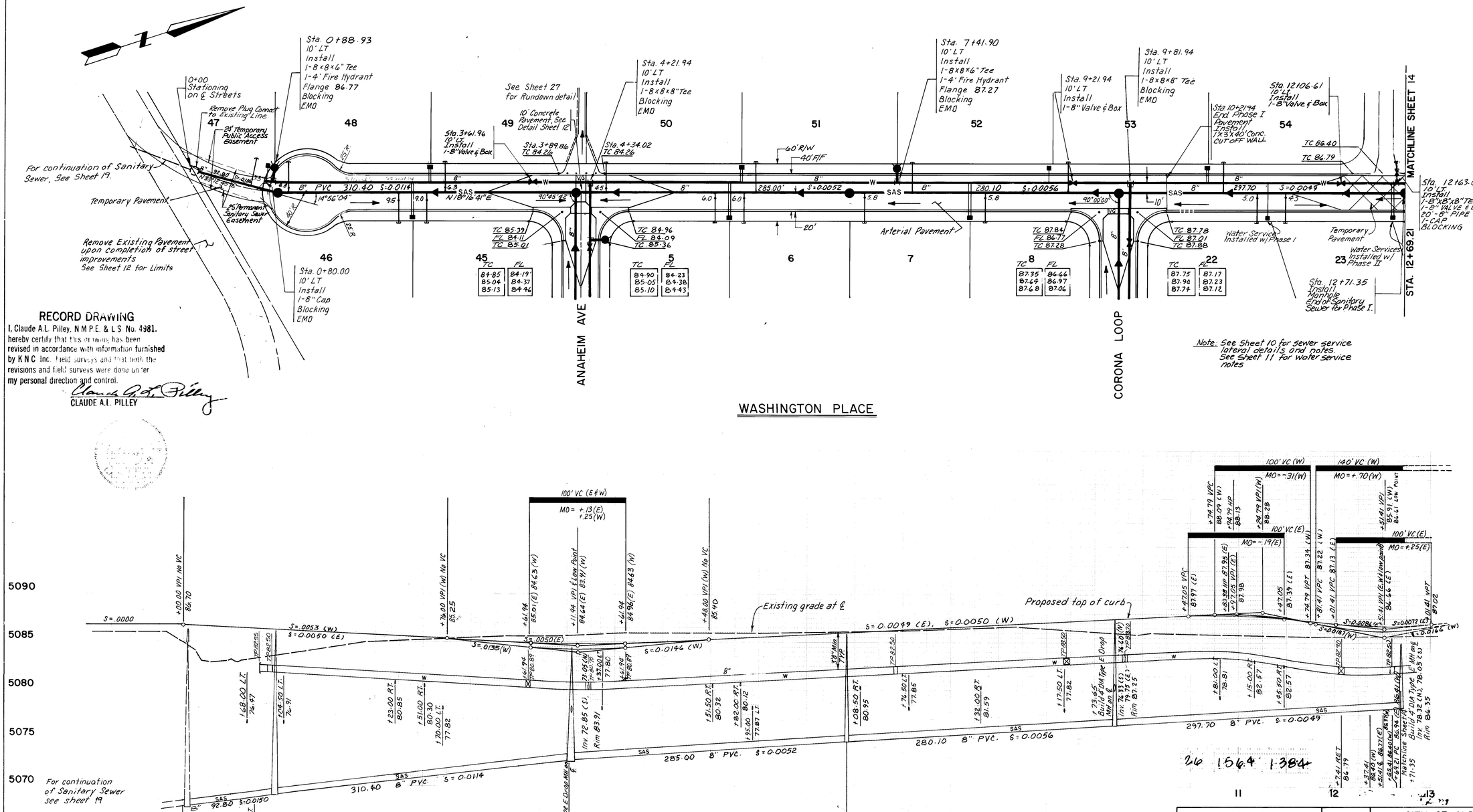
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	C.N. Hayward	12/16/83	Liquid Waste	N.A.	7-27-83
A.C.E.- Design		10/18/83	Traffic		11/1/83
A.C.E.- Hydrology		5/10/83	Water	N.A.	7-27-83

DRAWING NO. 1564

SHEET 12 OF 27

REFERENCE 1625

BRUNING 44-132-52753



RECORD DRAWING

I, Claude A.L. Pilley, N.M.P.E. & L.S. No. 4981, hereby certify that this drawing has been revised in accordance with information furnished by K N C Inc. Field surveys and that both the revisions and field surveys were done under my personal direction and control.

CLAUDE A.L. PILLEY

PREPARED UNDER THE DIRECTION OF

APPROVED FOR CONSTRUCTION

CITY ENGINEER DATE

SCALE: 1"= 50' HOR. 1"= 5' VERT.

PLATE 1 SINGLE PLAN - PROFILE - DOTTED
CHARLES BRUNING COMPANY
MADE IN U.S.A.

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE:
CLIFFORD INDUSTRIAL PARK—PHASE I
WASHINGTON PLACE STA. 0+00-12+69.21

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Liquid Waste		
A.C.E.-Design			Traffic		
A.C.E.-Hydrology			Water		

DRAWING NO. 1564

SHEET 13 OF 27

AS-BUILT INFORMATION
CONTRACTOR K N C Inc.
STAKED BY — DATE
INSPECTORS COMPANY — BY — DATE
FIELD VERIFICATION BY — DATE
CORRECTED BY M. Pohl DATE 6/28/84

BENCH MARKS
THE STATION IS A STANDARD ACS BRASS TABLET, STAMPED "8-C17, 1975", CEMENTED IN A DRILL HOLE IN TOP OF THE WEST CONCRETE CURB 0.3 MILE NORTH OF LOS ANGELES BLVD. ON WASHINGTON ST.
ELEV. = 5111.029

MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

SURVEY INFORMATION
BY — DATE — TABLET, STAMPED "8-C17, 1975", CEMENTED IN A DRILL HOLE IN TOP OF THE WEST CONCRETE CURB 0.3 MILE NORTH OF LOS ANGELES BLVD. ON WASHINGTON ST.
ELEV. = 5111.029

REFERENCES
MAP NO. C-17
EST NO. — W.O. NO. — NO.

NO.	DATE	REVISIONS REMARKS	BY
1	6/28/84	Revised To Show As Builts	TMP

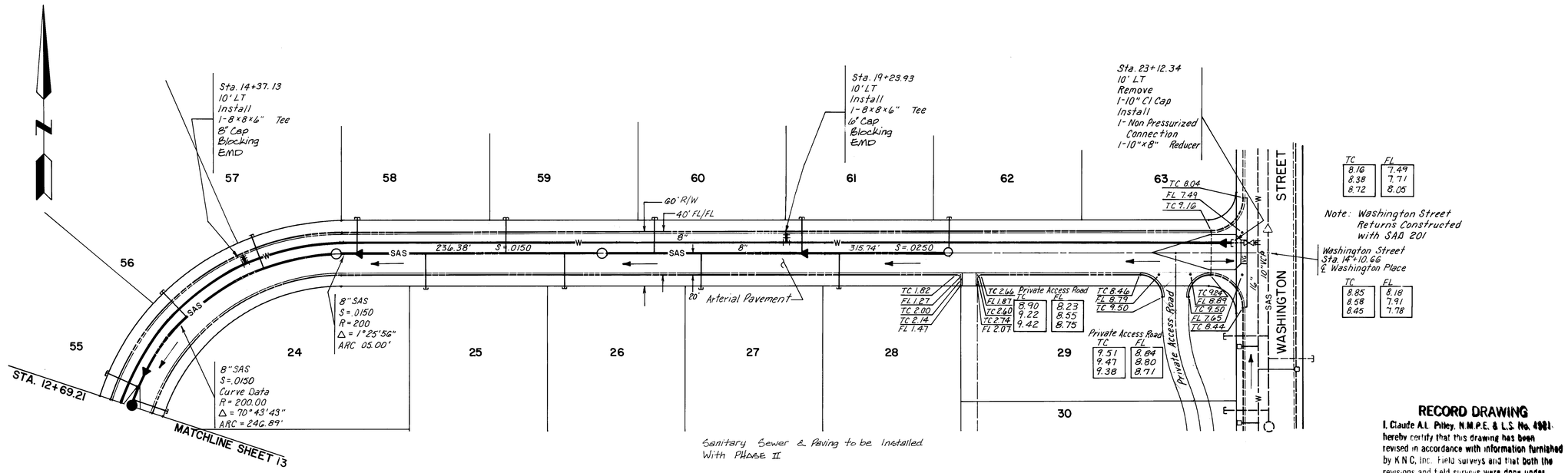
DESIGNED BY DWW DATE 9/82
DRAWN BY PE DATE 9/82
CHECKED BY DMYM DATE 9/82

PLAN: SURVEYED — PLOTTED — CHECKS CHECKED — R/W NOTED — STRUCTURE NOTATNS CH'KD — DATE — BY — NOTE #1 WHEN — NOTE #2 WHEN

PROFILE: SURVEYED — PLOTTED — CHECKS CHECKED — R/W NOTED — STRUCTURE NOTATNS CH'KD — DATE — BY — NOTE #1 WHEN — NOTE #2 WHEN

BRUNING 44-132-62753

REFERENCE 1625



Sanitary Sewer & Paving to be Installed With Phase II

Note:
Sanitary Sewer Line between stations 12+69 and 15+16 shall be PVC or VCP with maximum joint lengths of 5' may be used in place of PVC.

WASHINGTON PLACE
WATERLINE CONSTRUCTION ONLY

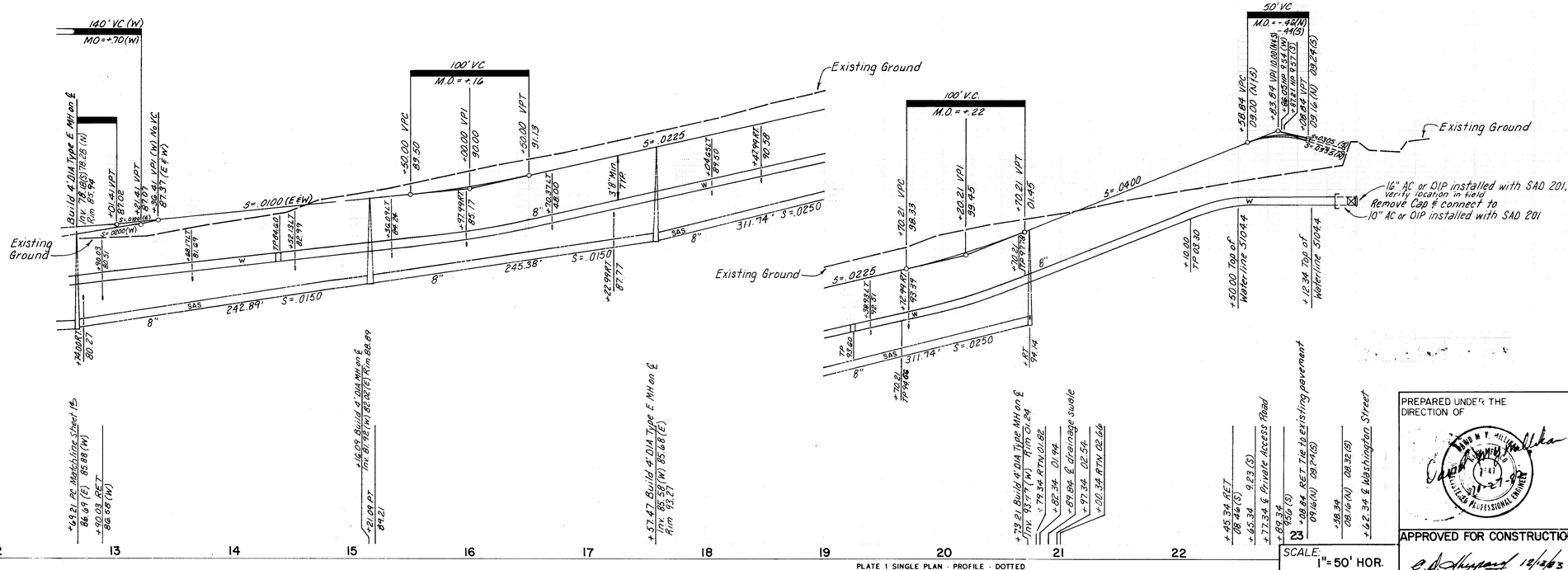


PLATE 1 SINGLE PLAN - PROFILE - DOTTED
CHARLES BRUNING COMPANY
MADE IN U.S.A.

SCALE:
1"=50' HOR.
1"=5' VERT.

PREPARED UNDER THE DIRECTION OF

Claude A.L. Pilley 11-21-83

APPROVED FOR CONSTRUCTION

CITY ENGINEER 12/16/83 DATE

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE:
CLIFFORD INDUSTRIAL PARK-PHASE I
WASHINGTON PLACE STA. 12+69.21-23+62.34

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Liquid Waste		
A.C.E.-Design			Traffic		
A.C.E.-Hydrology	N/A		Water		

DRAWING NO. 1564

SHEET 14 OF 27

RECORD DRAWING
I, Claude A.L. Pilley, N.M.P.E. & L.S. No. 4981, hereby certify that this drawing has been revised in accordance with information furnished by K N C, Inc. Field surveys and that both the revisions and field surveys were done under my personal direction and control.

CLAUDE A.L. PILLEY

AS-BUILT INFORMATION
CONTRACTOR
WORK STAKED BY — DATE
INSPECTORS ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
DRAWING CORRECTED BY — DATE

BENCH MARKS
THE STATION IS A STANDARD ACS BRASS TABLET, STAMPED "B-C17, 1975" CEMENTED IN A DRILL HOLE IN TOP OF THE WEST CONCRETE CURB 0.3 MILE NORTH OF LOS ANGELES BLVD. ON WASHINGTON ST.
ELEV.=5111.029

MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

REVISIONS

NO.	DATE	REMARKS	BY

DESIGNED BY DWW DATE 9/82
DRAWN BY SS DATE 9/82
CHECKED BY DMYM DATE 9/82

REFERENCES
MAP NO. C-17
EST. NO. W.O. NO.

SURVEY INFORMATION

NO.	BY	DATE

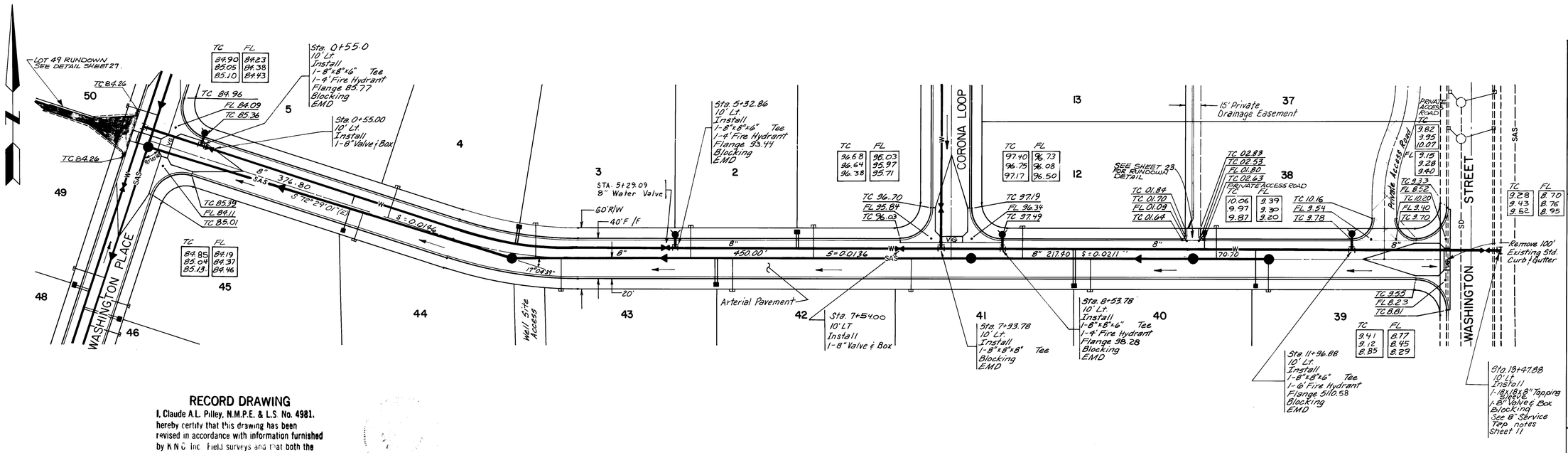
PLAN: SURVEYED — PLOTTED — DRAWN — CHECKED — NOTE BOOK — NO. — ALIGNMENT CHECKED BY — R/W CHECKED

PROFILE: SURVEYED — PLOTTED — DRAWN — CHECKED — NOTE BOOK — NO. — STRUCTURE NOTATIONS CH'KD

BRUNING 44-132-52753

26 1564 1484.

REFERENCE 1625



RECORD DRAWING

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Claude A.L. Pilley
CLAUDE A.L. PILLEY

ANAHEIM AVENUE

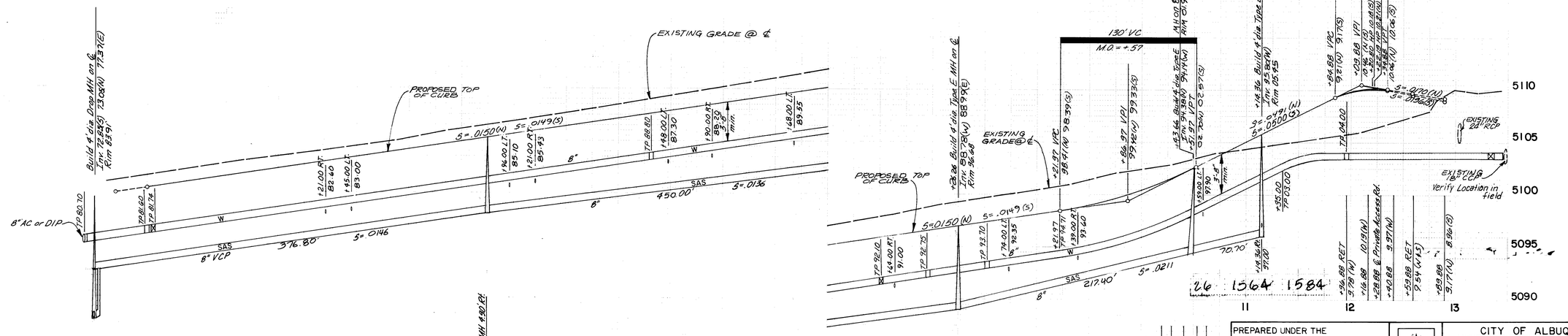


PLATE 1 SINGLE PLAN - PROFILE - DOTTED
CHARLES BRUNING COMPANY
MADE IN U.S.A.

SCALE: 1"= 50' HOR. 1"= 5' VERT.

PREPARED UNDER THE DIRECTION OF
David M. Mayfield 7543 10-27-82 REGISTERED PROFESSIONAL ENGINEER

APPROVED FOR CONSTRUCTION
CITY ENGINEER DATE

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: CLIFFORD INDUSTRIAL PARK-PHASE I
ANAHEIM AVENUE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Liquid Waste		
A.C.E.- Design			Traffic		
A.C.E.- Hydrology			Water		

DRAWING NO. 1564 SHEET 15 OF 27

AS-BUILT INFORMATION
CONTRACTOR K N C Inc. DATE
STAKED BY DATE
INSPECTORS DATE
FIELD CHANGE BY DATE
FIELD VERIFICATION BY DATE
NOTES CORRECTED BY M. Poul DATE 6-28-84

BENCH MARKS
THE STATION IS A STANDARD ACS BRASS TABLET, STAMPED "8-C17, 1975", CEMENTED IN A DRILL HOLE IN TOP OF THE WEST CONCRETE CURB 0.3 MILE NORTH OF LOS ANGELES BLVD. ON WASHINGTON ST.
ELEV. = 5111.029

MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

SURVEY INFORMATION
REFERENCES
MAP NO. C-17
EST. NO. W.O. NO.

NO.	DATE	REVISIONS	BY
1	6-28-84	Revised To Show As Builts	MP

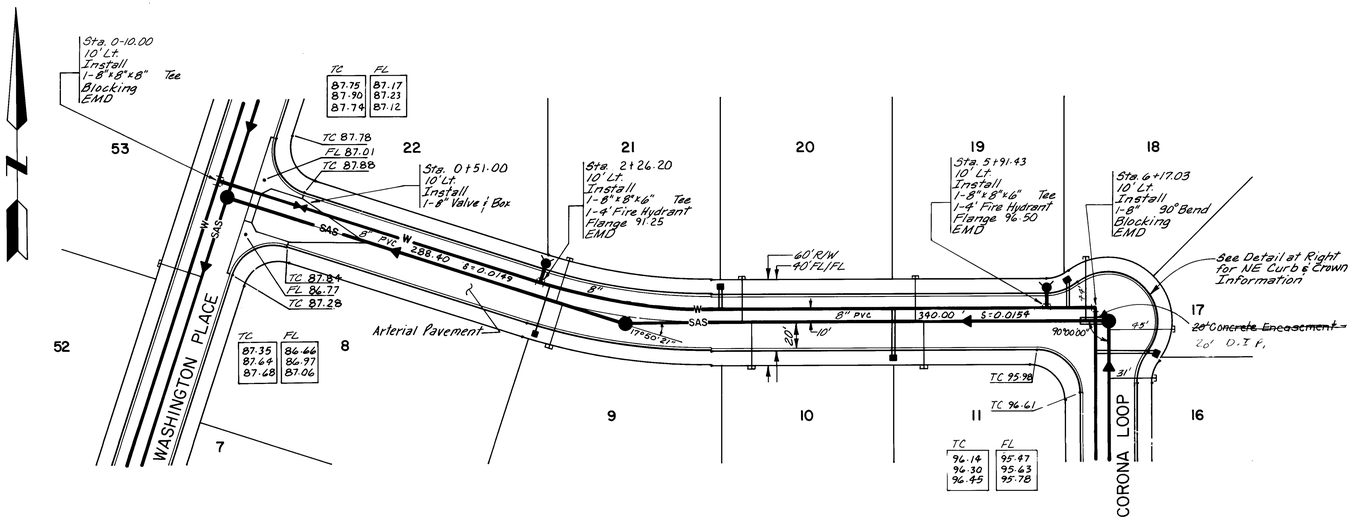
DESIGNED BY DWW DATE 9/82
DRAWN BY SS DATE 9/82
CHECKED BY DMYM DATE 9/82

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, AS OF WAY CHECKED, NOTE BOOK, NO.
PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATIONS CHKD, NOTE BOOK, NO.

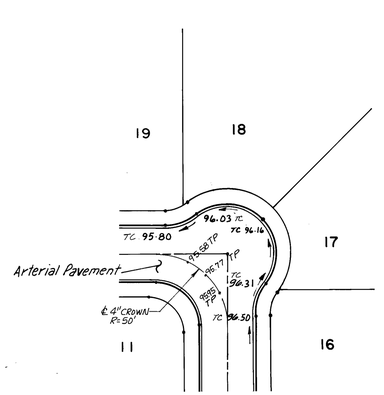
BRUNING 44 132 52763

26 1564 1584

REFERENCE 1625



CORONA LOOP

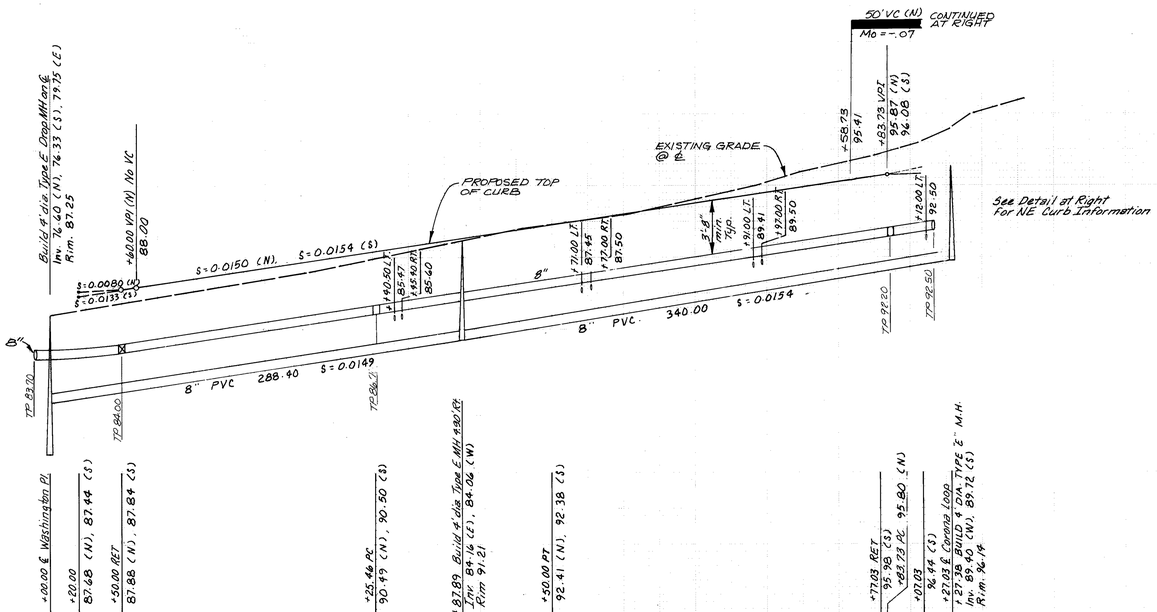


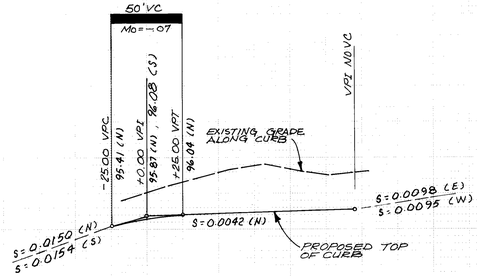
CORONA LOOP
NORTHEAST CURB DETAIL

RECORD DRAWING

I, Claude A.L. Pilley N.M.P.E. & L.S. No. 4981. hereby certify that this drawing has been revised in accordance with information furnished by K.N.C. Inc. Field surveys and that both the revisions and field surveys were done under my personal direction and control.

Claude A.L. Pilley
CLAUDE A.L. PILLEY





Note: Stationing and slopes are along N.E. curb

SCALE: 1"=50' HOR. 1"= 5' VERT.

PREPARED UNDER THE DIRECTION OF

APPROVED FOR CONSTRUCTION

C.A.L. Hungerford 12/13/83
CITY ENGINEER DATE

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE:
CLIFFORD INDUSTRIAL PARK-PHASE I
CORONA LOOP STA. 0+00.00-STA. 6+27.03

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	C.A.L. Hungerford	12/13/83	Liquid Waste	Jerry Domitz	12-7-83
A.C.E.- Design	[illegible]	8/16/83	Traffic	[illegible]	8/12/83
A.C.E.-Hydrology	[illegible]	8/16/83	Water	Jerry Domitz	12-7-83

DRAWING NO. 1564 SHEET 16 OF 27

PLATE 1 SINGLE PLAN - PROFILE - DOTTED
CHARLES BRUNING COMPANY
MADE IN U.S.A.

BRUNING 44-132-52753

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, R/W OR EASEMENT NOTED, RT. OF WAY CHECKED, NOTE BOOK, NO., DATE, BY

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATIONS CHECKED, NO., DATE, BY

SURVEY INFORMATION
NO. | BY | DATE

BENCH MARKS
THE STATION IS A STANDARD A.C.S. BRASS TABLET, STAMPED "B-CIT, 1975", CEMENTED IN A DRILL HOLE IN TOP OF THE WEST CONCRETE CURB 0.3 MILE NORTH OF LOS ANGELES BLVD. ON WASHINGTON ST.
ELEV. = 5111.029

AS-BUILT INFORMATION
CONTRACTOR K.N.C. Inc.
WORK STAKED BY — DATE
ACCEPTANCE INSPECTION BY — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY M. Pohl DATE 6-28-84
MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

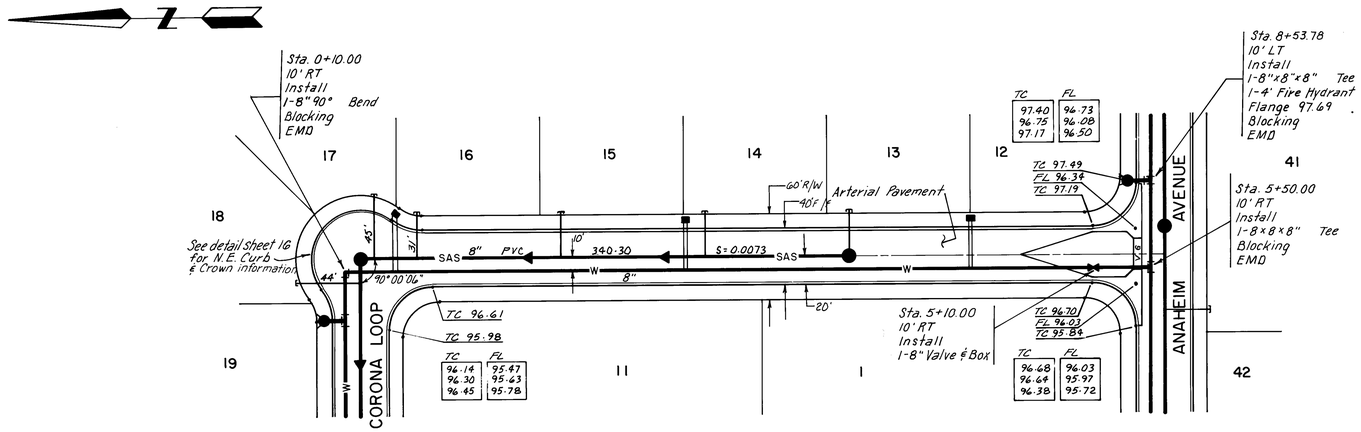
REFERENCES
MAP NO. C-17
EST NO. — W.O. NO.

NO.	DATE	REMARKS	BY
1	6-28-84	Revised To Show As-Builts	MP

REVISIONS
DESIGNED BY DWW DATE 9/82
DRAWN BY PE DATE 9/82
CHECKED BY DMYM DATE 9/82

2/6 1564 1682

REFERENCE 1625



CORONA LOOP

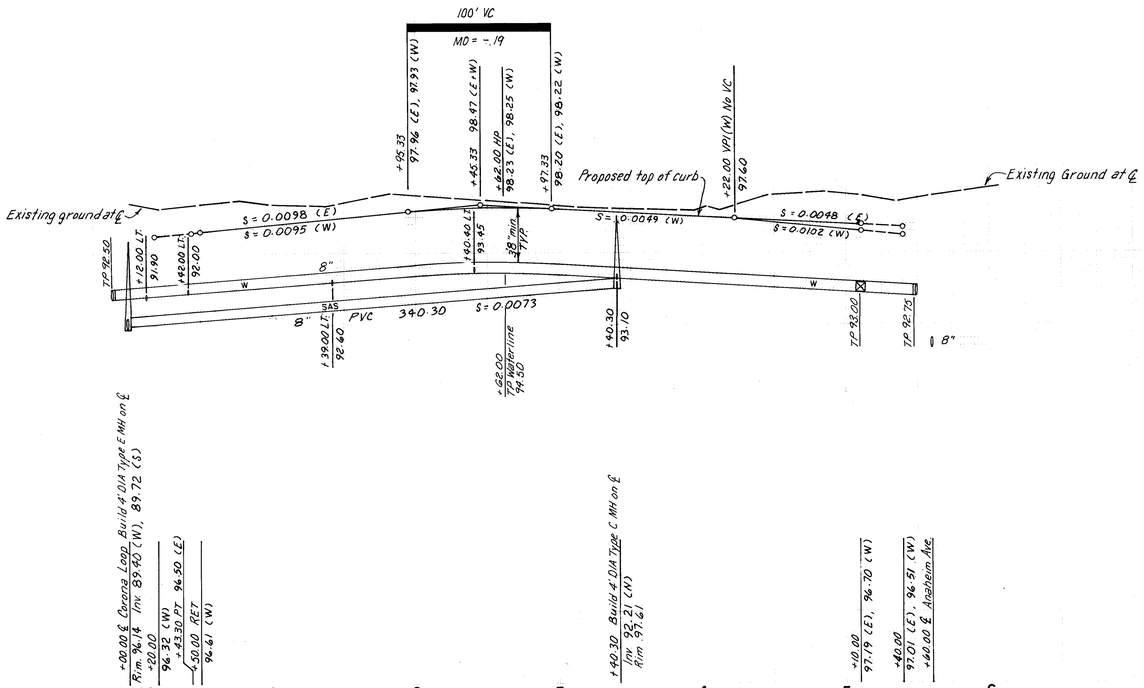


PLATE 1 SINGLE PLAN - PROFILE - DOTTED
CHARLES BRUNING COMPANY
MADE IN U.S.A.

SCALE: 1"= 50' HOR. 1"= 5' VERT.

RECORD DRAWING

I, Claude A.L. Pilley, N.M.P.E. & L.S. No. 4981, hereby certify that this drawing has been revised in accordance with information furnished by K.N.C. Inc. Field Surveys and that both the revisions and field surveys were done under my personal direction and control.

Claude A.L. Pilley
CLAUDE A.L. PILLEY

26 1564 1784

PREPARED UNDER THE DIRECTION OF
DAVID M. T. MILLER 7547 REGISTERED PROFESSIONAL ENGINEER 10-27-83

APPROVED FOR CONSTRUCTION
C.A.L. Pilley 12/13/83
CITY ENGINEER DATE
MH for CBO 12/13/83

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: CLIFFORD INDUSTRIAL PARK-PHASE I
CORONA LOOP STA. 6+27.03-5+60.00

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	C.A.L. Pilley	12/13/83	Liquid Waste	James Jorgensen	7/27/83
A.C.E.-Design	Mahesh	10/27/83	Traffic	Jack Cunningham	8/2/83
A.C.E.-Hydrology	DMA 3/5	2/4/83	Water	James Jorgensen	7/27/83

DRAWING NO. 1564
SHEET 17 OF 27

REFERENCE 1625

AS-BUILT INFORMATION
CONTRACTOR K.N.C. Inc.
WORK STAKED BY ____ DATE ____
FIELD ACCEPTANCE BY ____ DATE ____
FIELD VERIFICATION BY ____ DATE ____
DRAWINGS CORRECTED BY M. Pohl DATE 4-28-84

MICRO-FILM INFORMATION
RECORDED BY ____ DATE ____
NO. ____

BENCH MARKS
THE STATION IS A STANDARD ACS BRASS TABLET, STAMPED "8-C17, 1975", CEMENTED IN A DRILL HOLE IN TOP OF THE WEST CONCRETE CURB 0.3 MILE NORTH OF LOS ANGELES BLVD. ON WASHINGTON ST.
ELEV. = 5111.029

REFERENCES
MAP NO. C-17
EST. NO. ____ W.O. NO. ____

SURVEY
NO. ____ BY ____ DATE ____

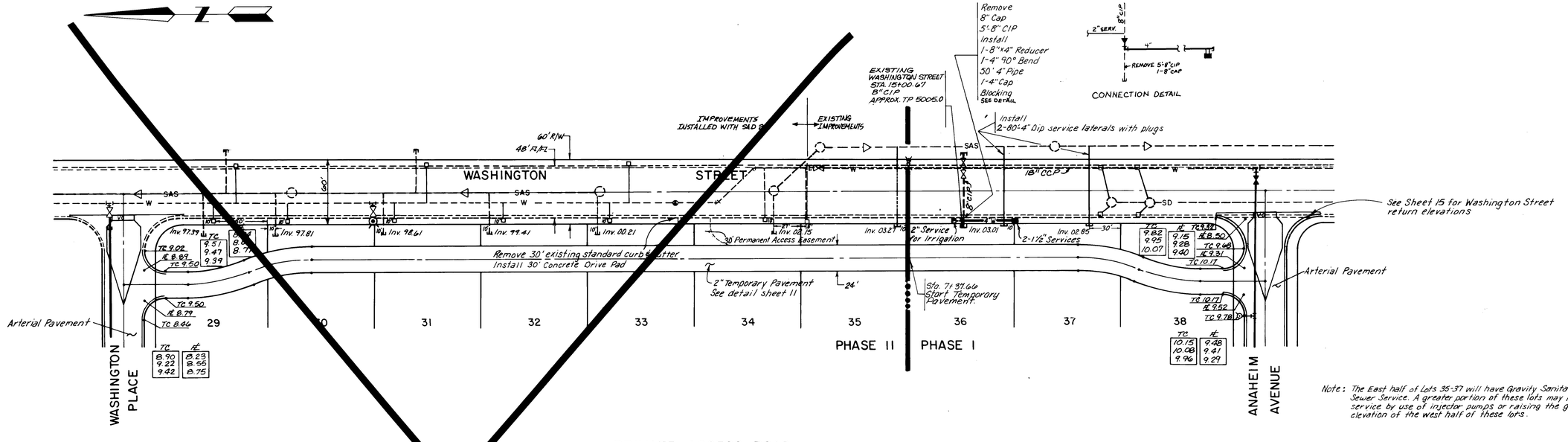
NO.	DATE	REMARKS	BY
1	6-28-84	Revised To Show As-Builts	MP

DESIGN
DESIGNED BY DWW DATE 9/82
DRAWN BY PE DATE 9/82
CHECKED BY DMYM DATE 9/82

PLAN
SURVEYED ____ DATE ____
PLOTTED ____ BY ____
FIELD CHECKED ____
OFFICE CHECKED ____
M.T.B. BOOK ____ PAGE ____
NO. ____ R/W NOTES ____
STRUCTURE NOTATIONS CHKD ____

PROFILE
SURVEYED ____ DATE ____
PLOTTED ____ BY ____
FIELD CHECKED ____
OFFICE CHECKED ____
M.T.B. BOOK ____ PAGE ____
NO. ____ R/W NOTES ____
STRUCTURE NOTATIONS CHKD ____

BRUNING 44-132 52-75-1



PRIVATE ACCESS ROAD

NOTE: ELEVATIONS TO TOP OF PAVEMENT AT EDGES UNLESS OTHERWISE NOTED (THIS SHEET ONLY)

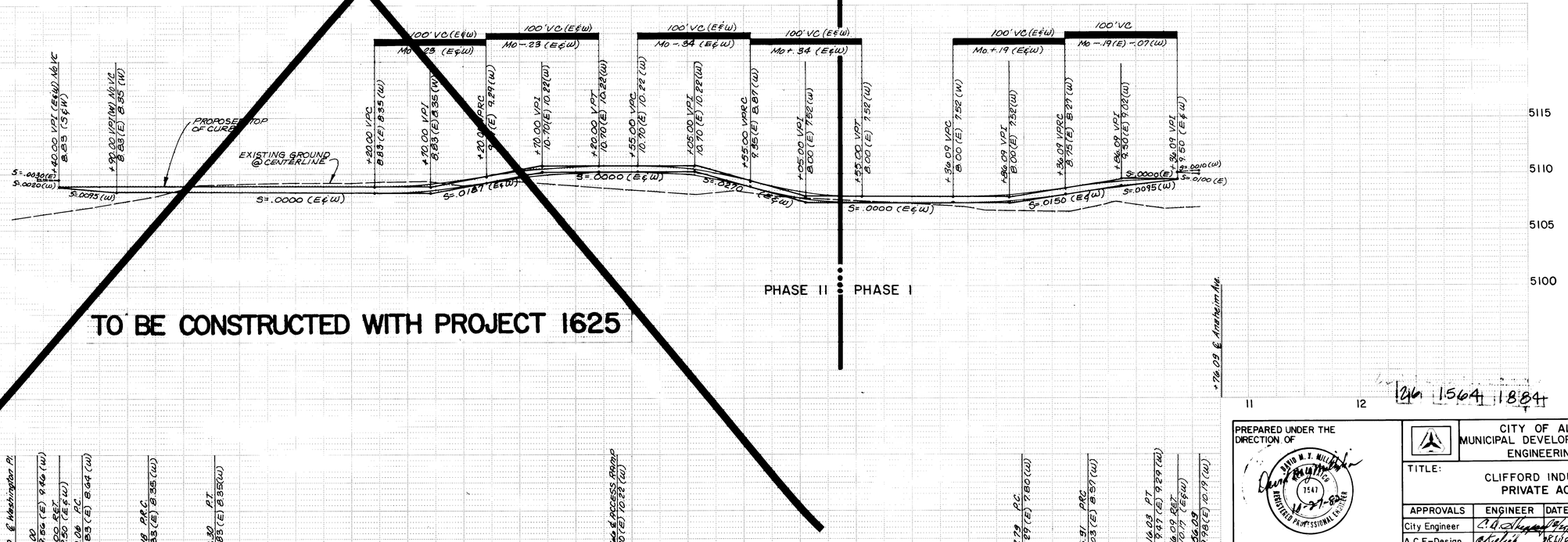


PLATE 1 SINGLE PLAN - PROFILE - DOTTED
CHARLES BRUNING COMPANY
MADE IN U.S.A.

SCALE: 1"= 50' HOR. 1"= 5' VERT.

PREPARED UNDER THE DIRECTION OF
DAVID M.Y. MILLIGAN 7547 REGISTERED PROFESSIONAL ENGINEER 11-27-82

APPROVED FOR CONSTRUCTION
CITY ENGINEER DATE 12/19/83

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: CLIFFORD INDUSTRIAL PARK-PHASE I PRIVATE ACCESS ROAD

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer		12/19/83	Liquid Waste		12/7/83
A.C.E.-Design		12/19/83	Traffic		12/12/83
A.C.E.-Hydrology		12/19/83	Water		12/7/83

DRAWING NO. 1564

SHEET 18 OF 27

REFERENCE 1625

AS-BUILT INFORMATION
CONTRACTOR
WORK STAKED BY: DATE
ACCEPTANCE INSPECTION BY: DATE
FIELD VERIFICATION BY: DATE
DRAWINGS CORRECTED BY: DATE

MICRO-FILM INFORMATION
RECORDED BY: DATE
NO.

BENCH MARKS
THE STATION IS A STANDARD A.C.S. BRASS TABLET STAMPED "8-CIT, 1975", CEMENTED IN A DRILL HOLE IN THE WEST CONCRETE CURB 0.3 MILE NORTH OF LOS ANGELES BLVD ON WASHINGTON ST.
ELEV. = 5111.029

SURVEY INFORMATION
REFERENCES
MAP NO. C-17
EST. NO.
W.O. NO.

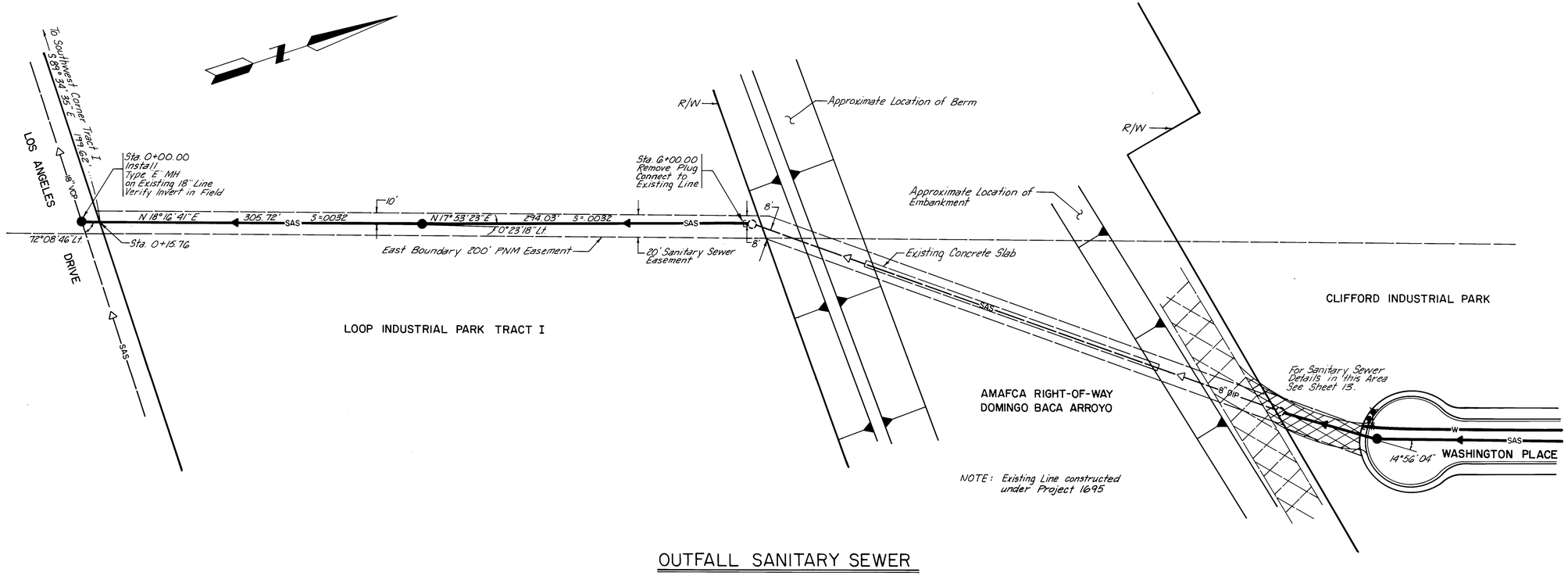
NO.	DATE	REMARKS	BY
		REVISIONS	

DESIGNED BY DWW 9/82
DRAWN BY SKS 9/82
CHECKED BY DMYM 9/82

PLAN: SURVEYED, PLOTTED, CORRECTED & M.W. NOTED, STRUCTURE NOTATNS CH'KD, ALIGNMENT CHECKED, RT. OF WAY CHECKED; NOTE BOOK, NO.

PROFILE: SURVEYED, PLOTTED, CORRECTED & M.W. NOTED, STRUCTURE NOTATNS CH'KD; NOTE BOOK, NO.

BRUNING 44-132 52753



OUTFALL SANITARY SEWER

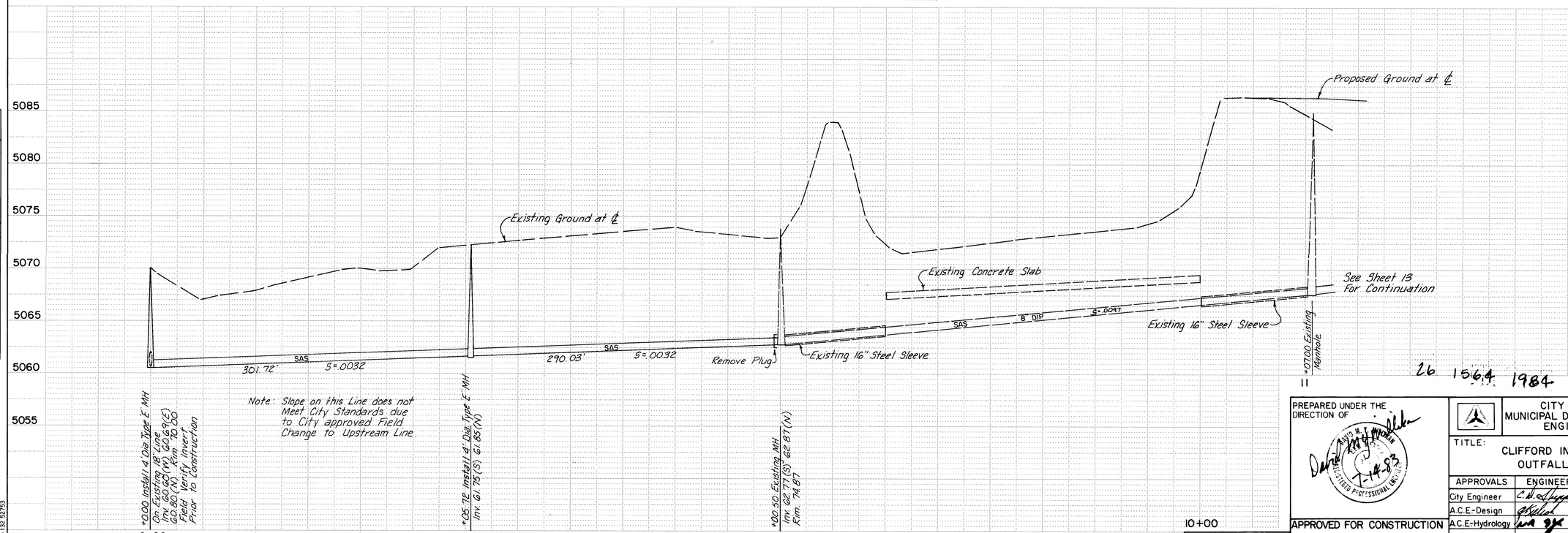


PLATE 1 SINGLE PLAN - PROFILE - DOTTED
CHARLES BRUNING COMPANY
MADE IN U.S.A.

BRUNING 44-132-52753

SCALE:
1"=50' HOR.
1"= 5' VERT.

PREPARED UNDER THE DIRECTION OF
David M. Gilkey
REGISTERED PROFESSIONAL ENGINEER
7-14-83

APPROVED FOR CONSTRUCTION
C.N. Shepard 10/13/83
CITY ENGINEER DATE

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE:
CLIFFORD INDUSTRIAL PARK-PHASE I
OUTFALL SANITARY SEWER

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	C.N. Shepard	10/13/83	Liquid Waste	James Jaramillo	7-27-83
A.C.E.-Design	[illegible]	10/6/83	Traffic	N.A. Best	
A.C.E.-Hydrology	[illegible]	10/6/83	Water	James Jaramillo	7-27-83

DRAWING NO. 1564

SHEET 19 OF 27

26 1564 1984

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT. OF WAY CHECKED, NOTE BOOK, NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B. M. NOTED, STRUCTURE NOTATNS CHKD, NOTE BOOK, NO., BY, DATE

AS-BUILT INFORMATION
CONTRACTOR
STAKED BY DATE
INSPECTORS AGREEMENT BY DATE
FIELD VERIFICATION BY DATE
CORRECTED BY DATE

MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
THE STATION IS A STANDARD ACS BRASS TABLET, STAMPED "8-C17, 1975", CEMENTED IN A DRILL HOLE IN TOP OF THE WEST CONCRETE CURB 0.3 MILE NORTH OF LOS ANGELES BLVD. ON WASHINGTON ST.
E.L.E.V.= 5111.029

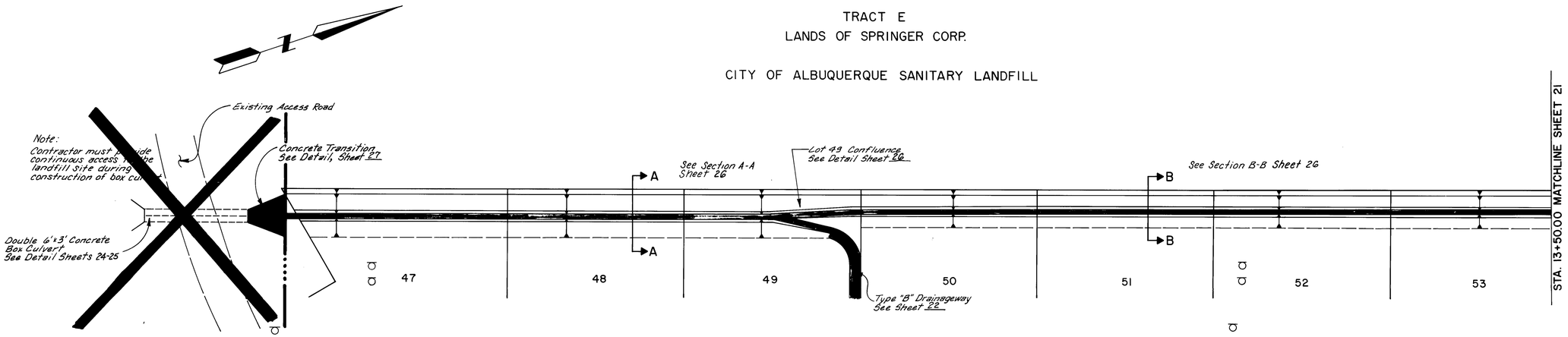
SURVEY INFORMATION
BY DATE NO.

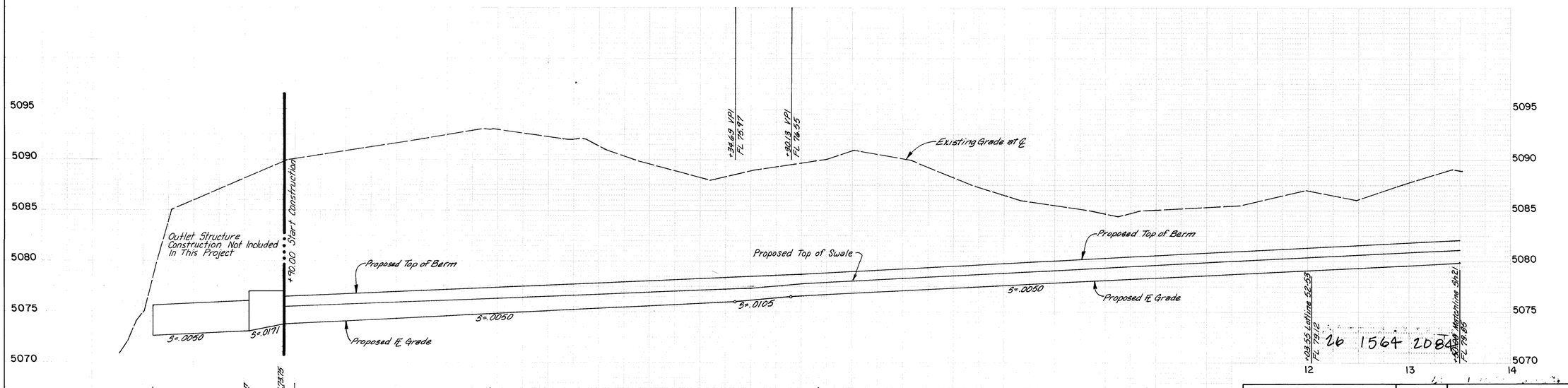
REFERENCES
MAP NO. C-17
EST. NO. W.O. NO.

REVISIONS
NO. DATE BY REMARKS
DESIGN
DESIGNED BY DWW DATE 6/83
DRAWN BY PE DATE 6/83
CHECKED BY DMYM DATE 6/83

TRACT E
LANDS OF SPRINGER CORP.

CITY OF ALBUQUERQUE SANITARY LANDFILL





26 1564 2084

PLATE 1 SINGLE PLAN - PROFILE - DOTTED
CHARLES BRUNING COMPANY
MADE IN U.S.A.

BRUNING 44-132 52753

SCALE: 1"= 50' HOR.
1"= 5' VERT.

RECORD DRAWING

I, Claude A.L. Pilley, N.M.P.E. & L.S. No. 4981, hereby certify that this drawing has been revised in accordance with information furnished by K.N.C. Inc. Field surveys and that both the revisions and field surveys were done under my personal direction and control.

Claude A.L. Pilley
CLAUDE A.L. PILLEY

PREPARED UNDER THE DIRECTION OF
DAVID B.T. HITCHCOCK 10-27-82

APPROVED FOR ROUGH GRADING
C.N. Sheppard 12/2/82
CITY ENGINEER DATE

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE:
CLIFFORD INDUSTRIAL PARK-PHASE I
SWALE A-STA. 0+40 TO STA. 13+50

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	C.N. Sheppard 12/2/82		Liquid Waste	N.A. James J.	11-27-82
A.C.E.-Design	[illegible]		Traffic	[illegible]	
A.C.E.-Hydrology	[illegible]		Water	N.A. James J.	11-27-82
A.M.A.F.C.A.					

DRAWING NO. 1564

SHEET 20 OF 27

REFERENCE 1625

PROFILE: SURVEYED, PLOTTED, GRIDS CHECKED, B.M. NOTED, STRUCTURE NOTATNS.CH'KD; NOTE BOOK, NO.; BY, DATE

PLAN: SURVEYED, PLOTTED, LAYOUT CHECKED, R/ OF WAY CHECKED; NOTE BOOK, NO.; BY, DATE

AS-BUILT INFORMATION
CONTRACTOR
WORK STAKED BY — DATE
INSPECTORS ACCEPTANCE BY — DATE
FIELD VERIFICATION BY — DATE
MARKINGS CORRECTED BY — DATE

BENCH MARKS
THE STATION IS A STANDARD ACS BRASS TABLET, STAMPED "B-C17, 1975", CEMENTED IN A DRILL HOLE IN TOP OF THE WEST CONCRETE CURB 0.3 MILE NORTH OF LOS ANGELES BLVD. ON WASHINGTON ST.
ELEV. = 5111.029

MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

SURVEY INFORMATION
BY | DATE | NO.

REFERENCES
MAP NO. C-17
EST. NO. | W.O. NO.

REVISIONS
NO. | DATE | REMARKS | BY

DESIGN
DESIGNED BY DWW DATE 9/82
DRAWN BY SKS DATE 9/82
CHECKED BY DMYM DATE 9/82

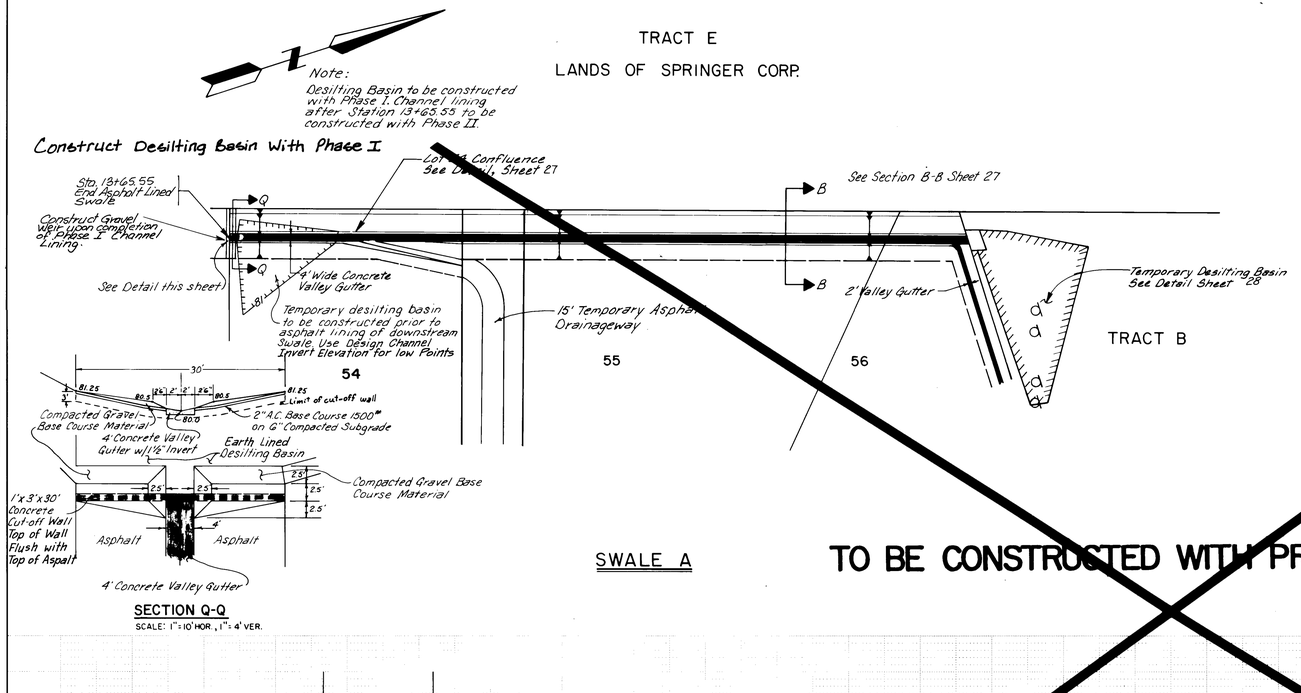


PLATE 1 SINGLE PLAN - PROFILE - DOTTED
CHARLES BRUNING COMPANY
MADE IN U.S.A.

BRUNING 44 132 52753

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, RT OF WAY CHECKED, NOTE BOOK, NO., BY, DATE

PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B.M.'s NOTED, NOTE BOOK, NO., STRUCTURE NOTATNS CHKD, BY, DATE

SURVEY INFORMATION

NO.	BY	DATE

REFERENCES
MAP NO. C-17
EST. NO. W.O. NO.

BENCH MARKS
THE STATION IS A STANDARD A.C.S. BRASS TABLET, STAMPED "B-C17, 1975", CEMENTED IN A DRILL HOLE IN TOP OF THE WEST CONCRETE CURB 0.3 MILE NORTH OF LOS ANGELES BLVD. ON WASHINGTON ST.
ELEV. = 5111.029

AS-BUILT INFORMATION

		DATE
CONTRACTOR		
WORK STAKED BY		
INSPECTORS DIARY KEPT BY		DATE
FIELD VERIFICATION BY		DATE
DRAWINGS CORRECTED BY		DATE

MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

NO.	DATE	REVISIONS	BY	DATE
		DESIGN	DESIGNED BY DWW	9/82
			DRAWN BY PE	9/82
			CHECKED BY DMYM	9/82

PREPARED UNDER THE DIRECTION OF
DAVID M. YOUNG 9547 REGISTERED PROFESSIONAL ENGINEER 10-27-82
APPROVED FOR CONSTRUCTION
CITY ENGINEER DATE 10/27/82

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: CLIFFORD INDUSTRIAL PARK-PHASE I
SWALE A - STA. 13+50 TO STA. 18+73.80
& LOT 56 PRIVATE SWALE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	N.A. James J.	10/27/82	Liquid Waste	N.A. James J.	10/27/82
A.C.E.- Design	[illegible]	28 JUL 82	Traffic	N.A. [illegible]	
A.C.E.-Hydrology			Water	N.A. James J.	10/27/82

DRAWING NO. 1564
SHEET 21 OF 27

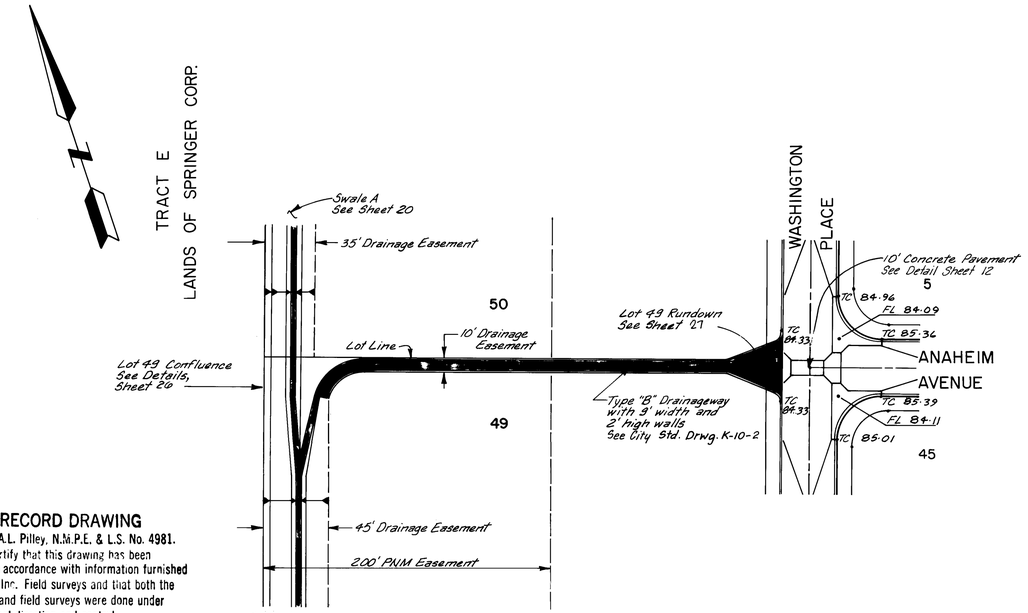
SCALE: 1"= 50' HOR. 1"= 5' VERT.

REFERENCE 1625

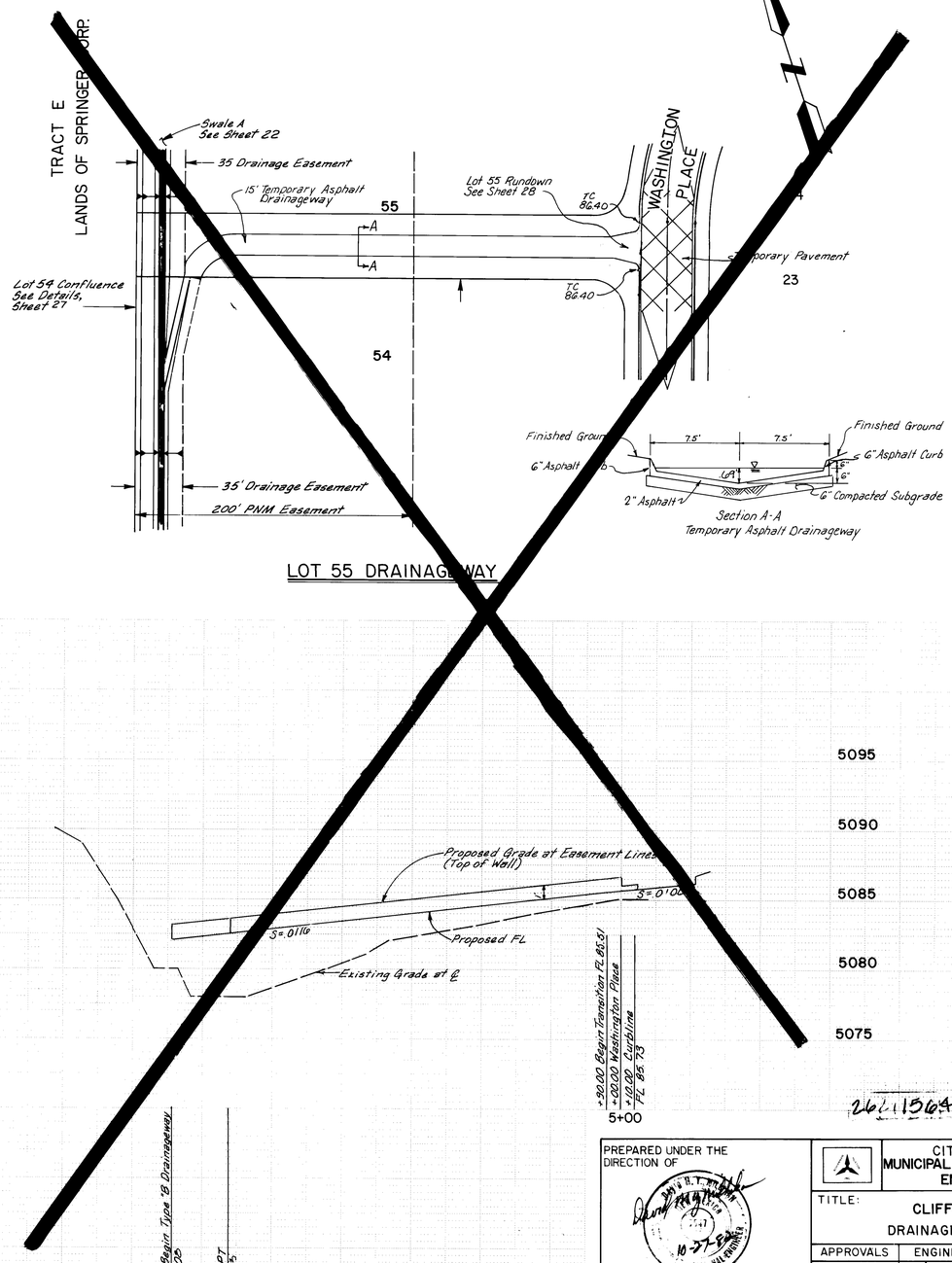
1564 21 84

2

TO BE CONSTRUCTED WITH PROJECT 1625



LOT 49 DRAINAGEWAY



LOT 55 DRAINAGEWAY

PLATE 1 SINGLE PLAN - PROFILE - DOTTED
CHARLES BRUNING COMPANY
MADE IN U.S.A.

BRUNING 44-132 52753

SCALE:
1"= 50' HOR.
1"= 5' VERT.

RECORD DRAWING

I, Claude A.L. Pilley, N.M.P.E. & L.S. No. 4981, hereby certify that this drawing has been revised in accordance with information furnished by K N C, Inc. Field surveys and that both the revisions and field surveys were done under my personal direction and control.

Claude A.L. Pilley
CLAUDE A.L. PILLEY

PREPARED UNDER THE DIRECTION OF

APPROVED FOR CONSTRUCTION

CITY ENGINEER _____ DATE 10/27/83

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE:
CLIFFORD INDUSTRIAL PARK-PHASE I
DRAINAGEWAY - PLANS & PROFILES

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Liquid Waste		10-27-83
A.C.E.- Design		10/6/83	Traffic		
A.C.E.- Hydrology		10/6/83	Water		10-27-83

DRAWING NO. 1564

SHEET 22 OF 27

DESIGNED BY DWW DATE 9/82
DRAWN BY PE DATE 9/82
CHECKED BY DMYM DATE 9/82

AS-BUILT INFORMATION
CONTRACTOR K.N.C. Inc.
STAKED BY DATE
INSPECTORS ACCEPTANCE BY DATE
FIELD VERIFICATION BY DATE
DRAWING CORRECTED BY M. Powell DATE 6-28-84

MICRO-FILM INFORMATION
RECORDED BY DATE
NO.

BENCH MARKS
THE STATION IS A STANDARD A.C.S. BRASS TABLET, STAMPED "B-C17, 1975", CEMENTED IN A DRILL HOLE IN TOP OF THE WEST CONCRETE CURB, 0.3 MILE NORTH OF LOS ANGELES BLVD. ON WASHINGTON ST.
ELEV.= 5111.029

SURVEY INFORMATION

REFERENCES
MAP NO. C-17
EST. NO. W.O. NO.

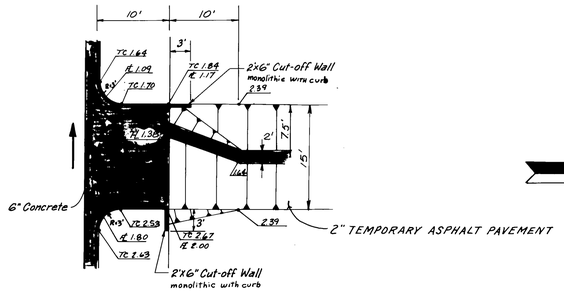
NO.	DATE	REVISIONS	BY
1	6-28-84	Revised To Show As-Builts	MP

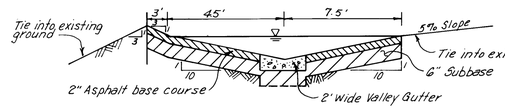
PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, B.M. NOTED, STRUCTURE NOTATNS CH'KD, DATE, BY, NOTE BOOK, NO.

PLAN: SURVEYED, PLOTTED, LEGAL DESCRIPTIONS CHECKED, R/W CHECKED, DATE, BY, NOTE BOOK, NO.

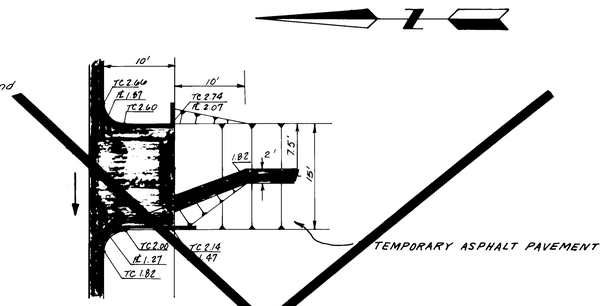
2621564I 2284

REFERENCE 1625

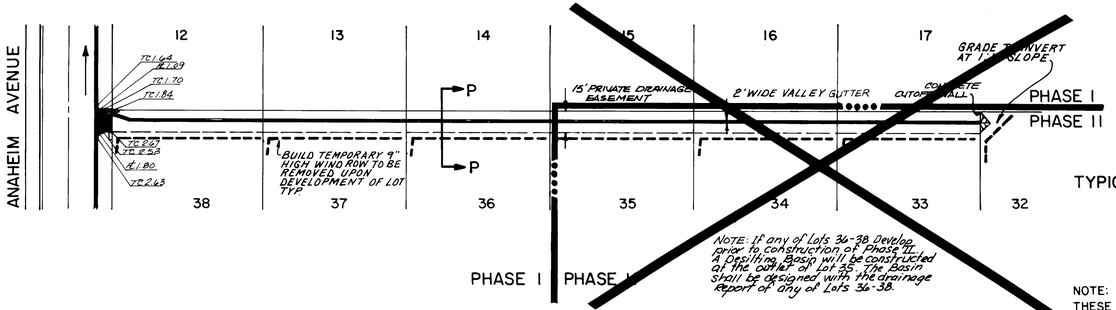




TYPICAL CROSS SECTION P-P

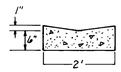


NOTE: THESE TWO DETAILS ARE NOT TO SCALE



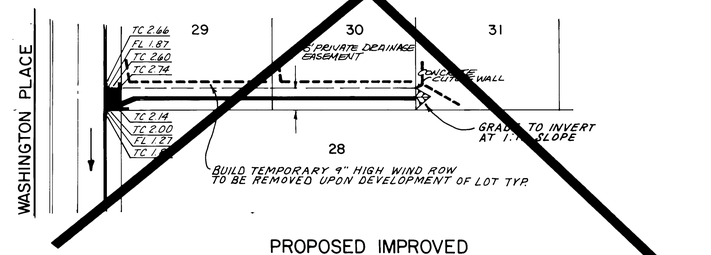
PROPOSED IMPROVED
PRIVATE DRAINAGE EASEMENT
(LOTS 32-38)

TO BE CONSTRUCTED WITH PROJECT 1625



TYPICAL 2' WIDE VALLEY GUTTER

NOTE:
THESE SWALES SHALL REMAIN EARTH LINED UNTIL ONE LOT CONTRIBUTING RUNOFF TO THE SWALE IS DEVELOPED. AT THIS TIME THE AFFECTED SWALE WILL BE IMPROVED AS SHOWN.



PROPOSED IMPROVED
PRIVATE DRAINAGE EASEMENT
(LOTS 29-31)

TO BE CONSTRUCTED WITH PROJECT 1625

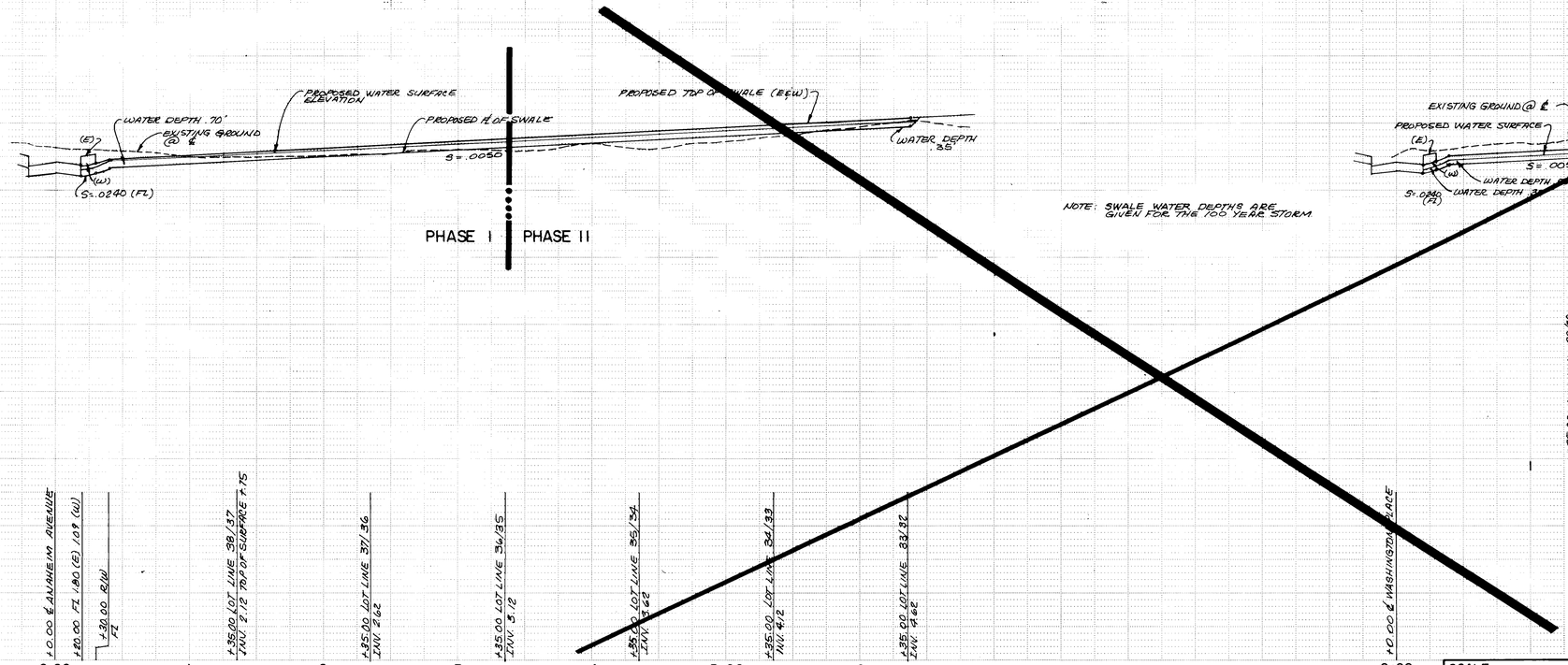


PLATE 1 SINGLE PLAN - PROFILE - DOTTED
CHARLES BRUINING COMPANY
MADE IN U.S.A.

SCALE: 1" = 50'

PREPARED UNDER THE DIRECTION OF

DAVID W. T. MILLER
7343
REGISTERED PROFESSIONAL ENGINEER
10-27-83

APPROVED FOR CONSTRUCTION

C.D. Thompson 12/16/83
CITY ENGINEER DATE

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: CLIFFORD INDUSTRIAL PARK-PHASE I
PRIVATE DRAINAGE EASEMENTS
LOTS 32-38 & LOTS 29-31

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Liquid Waste	N.A. James J.	7-27-83
A.C.E.-Design	Walsh	12/16/83	Traffic	N.A.	
A.C.E.-Hydrology	Hyzer	12/16/83	Water	N.A. James J.	7-27-83

DRAWING NO. 1564

SHEET 23 OF 27

REFERENCE 1625

AS-BUILT INFORMATION
CONTRACTOR — DATE
STAKED BY — DATE
INSPECTORS FURNISHING BY — DATE
FIELD VERIFICATION BY — DATE
MICRO-FILM CORRECTED BY — DATE
MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

BENCH MARKS
THE STATION IS A STANDARD ACS BRASS TABLET, STAMPED "8-C17, 1975," CEMENTED IN A DRILL HOLE IN TOP OF THE CONCRETE CURB 0.3 MILE NORTH OF LOS ANGELES BLVD. ON WASHINGTON ST.
ELEV. = 5111.029

SURVEY INFORMATION
NO. | BY | DATE

REFERENCES
MAP NO C-17
EST. NO.
W.O. NO.

REVISIONS
NO. | DATE | BY | REMARKS

DESIGN
DESIGNED BY DWW DATE 9/82
DRAWN BY PE DATE 9/82
CHECKED BY DMYM DATE 9/82

PLAN: SURVEYED, PLOTTED, ALIGNMENT CHECKED, AS-BUILT CHECKED; NOTE BOOK, NO.; BY, DATE
PROFILE: SURVEYED, PLOTTED, GRADES CHECKED, AS-BUILT CHECKED; NOTE BOOK, NO.; BY, DATE; STRUCTURE NOTATIONS CH'KD

BRUNING 44-132 52753

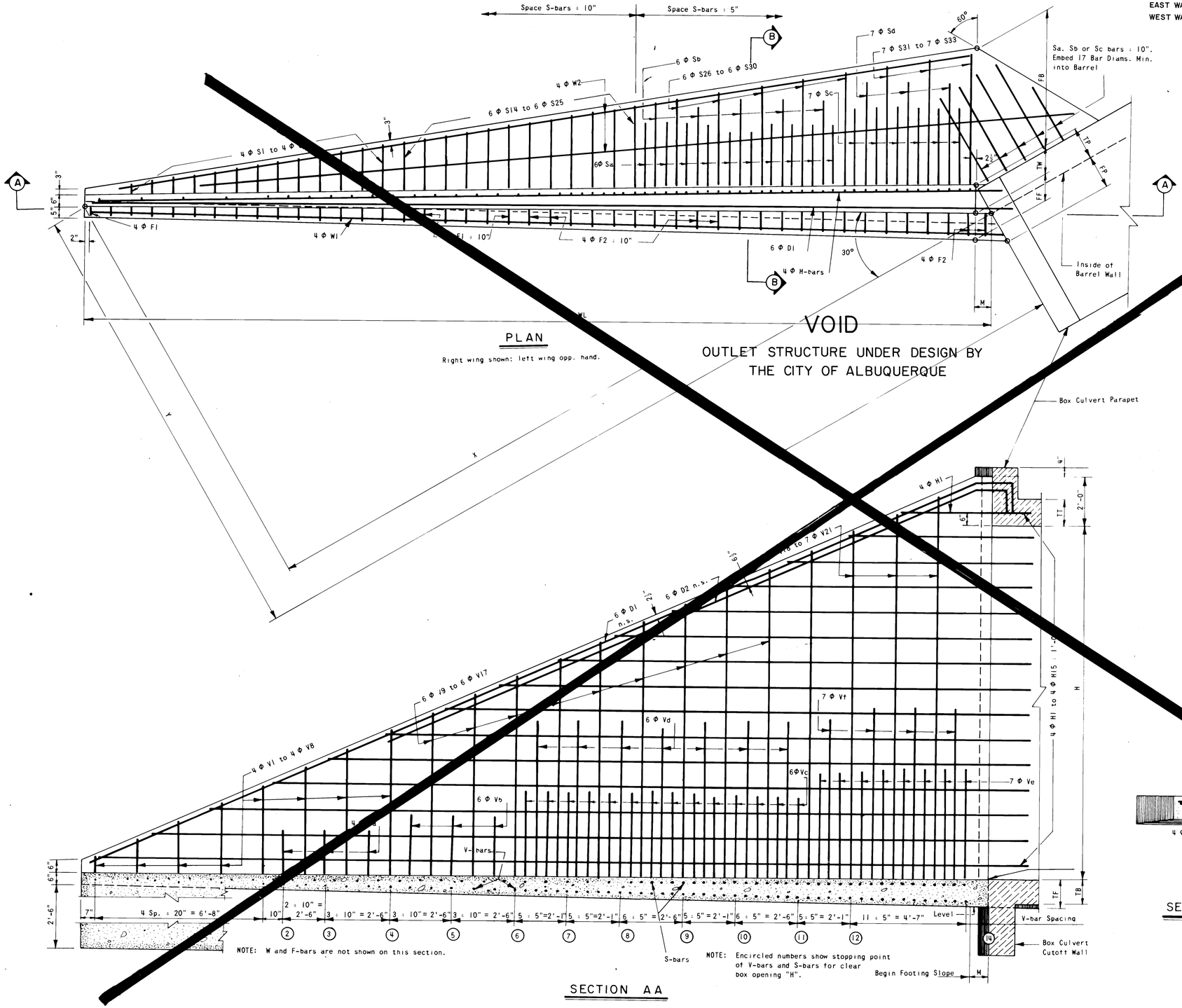
12-6 1564 2384

| DESIGN | MAXIMUM COVER. | S = CLEAR SPAN | H = CLEAR HEIGHT | DIMENSIONS | | | | | | | QUANTITIES | | | | REINFORCING BARS | | | | | | |

WINGWALL DIMENSIONS

	H	WL	X	Y	TW	FF	FB	TF	M	TP	FP
EAST WALL	3'	8'-6"	7'-9"	4'-3"	0'-6"	0'-11"	0'-8½"	1'-1"	0'-6 11/32"	0'-6 15/16"	1'-0 7/16"
WEST WALL	3'	15'	12'-11"	7'-6"	0'-6"	0'-11"	0'-8½"	1'-1"	0'-6 11/32"	0'-6 15/16"	1'-0 7/16"

* NOTE: Wingwalls may be built with a uniform thickness of "TW" throughout their entire length, providing vertical reinforcing in back face is kept 2" from back face of the concrete and the back of the footing is kept at least wide enough to prevent the wall from projecting beyond the footing, and providing this modification is made at no additional cost to the state. Pay quantities to remain the same as shown on the standard plans.



PLAN

Right wing shown: left wing opp. hand.

VOID

OUTLET STRUCTURE UNDER DESIGN BY THE CITY OF ALBUQUERQUE

GENERAL NOTES:

1. Workmanship and materials shall conform to the City of Albuquerque Standards.
2. All concrete shall be Class "A", Chamfered exposed edges 3/4".
3. All reinforcing steel shall be deformed bars, intermediate grade, conforming to AASHO Specifications M-31 and M-137. Dimensions refer to ℄ of bar.
4. Wing walls are to be placed monolithic with barrel.
5. Estimated quantities for each end of box culvert.
   Reinforcing Steel: 314 lb.
   Concrete: 2.76 cy
6. Payment shall be based upon quantity of concrete. Steel reinforcing shall be considered incidental to the concrete pay item and no payment shall be made for steel reinforcing.

Concrete Class	*Minimum Design Compressive Strength 28 Days	**Minimum Cement per Cu. Yd.		Maximum Water Content Per Bag of Cement	Consistency (Vibrated) Slump AASHTO T 119	Size of Coarse Aggregate	Approximate Aggregate Weights lb/94 lb Bag of Cement	
	psi	lb.	bags	gal.	in.	U.S. Customary	Fine (1)	Coarse (2)
A	3 000	564	6.0	6.0	2-4	1"—#4	185	317
A	3 000	564	6.0	6.0	2-4	1½"—#4	185	320
B	2 200	470	5.0	6.0	2-4	2"—#4	200	443
C	3 000	611	6.5	6.0	2-4	¾"—#4	212	293
D	4 000	658	7.0	5.5	1-3	¾"—#4	172	238

*Not to be considered specification requirements.
**Concrete will be designed and the cement content increased to meet or exceed minimum values.

NOTE: W and F-bars are not shown on this section.

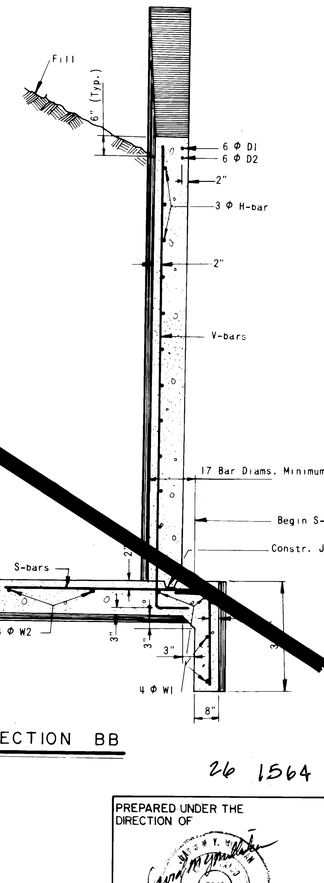
NOTE: Encircled numbers show stopping point of V-bars and S-bars for clear box opening "H".

SECTION AA

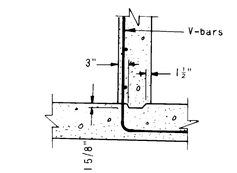
NOTE: SEE SHEET 27 FOR LOCATION OF WING WALLS AND DETAILS OF OUTLET STRUCTURE

DESIGN DATA

Design according to AASHO Specifications 1961
Horizontal Earth Pressure: Equivalent fluid pressure 36 lb./cu.ft. 2' surcharge
Design Stresses: f'c = 3000 psi at 28 days fc = 1200 psi fs = 20,000 psi; n=10



SECTION BB



CONSTRUCTION JOINT DETAIL

26 1564 2584

REFERENCES	SURVEY INFORMATION	BENCH MARKS	AS-BUILT INFORMATION
MAP NO. C-17	NO. BY DATE	THE STATION IS A STANDARD ACS BRASS TABLET STAMPED "8-C17 1975" CEMENTED IN A DRILL HOLE IN TOP OF THE WEST CONCRETE CURB 0.3 MILE NORTH OF LOS ANGELES BLVD. ON WASHINGTON ST. ELEV. = 5111.029	CONTRACTOR WORK STARTED BY DATE INSPECTORS ACCEPTANCE BY DATE FIELD VERIFICATION BY DATE CORRECTED BY DATE MICRO-FILM INFORMATION RECORDED BY DATE NO.
EST NO. W.O. NO.			

NO.	REMARKS	DATE	BY
	REVISIONS		
	DESIGN	9/82	
	DESIGNED BY DWW	DATE 9/82	
	DRAWN BY PE	DATE 9/82	
	CHECKED BY DMYM	DATE 9/82	

PREPARED UNDER THE DIRECTION OF

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE:
CLIFFORD INDUSTRIAL PARK-PHASE I
SWALE A-OUTLET STRUCTURE WING WALLS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Liquid Waste	N.A.	7-27-83
A.C.E.- Design		2/11/83	Traffic	N.A.	
A.C.E-Hydrology			Water	N.A.	7-27-83
A.M.A.F.C.A.					

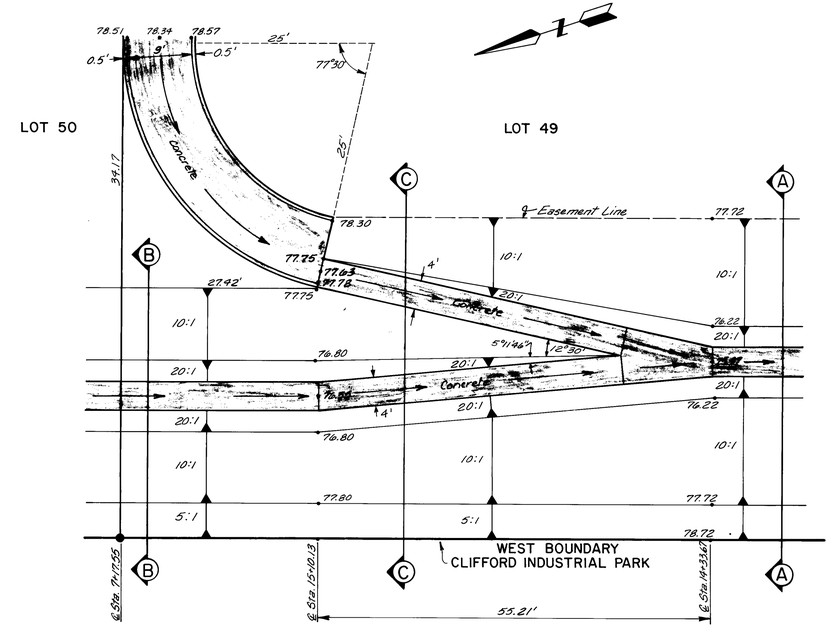
APPROVED FOR CONSTRUCTION
CITY ENGINEER DATE 12/13/83
M.A. for GBD 8/11/83

SCALE: NONE

DRAWING NO. 1564

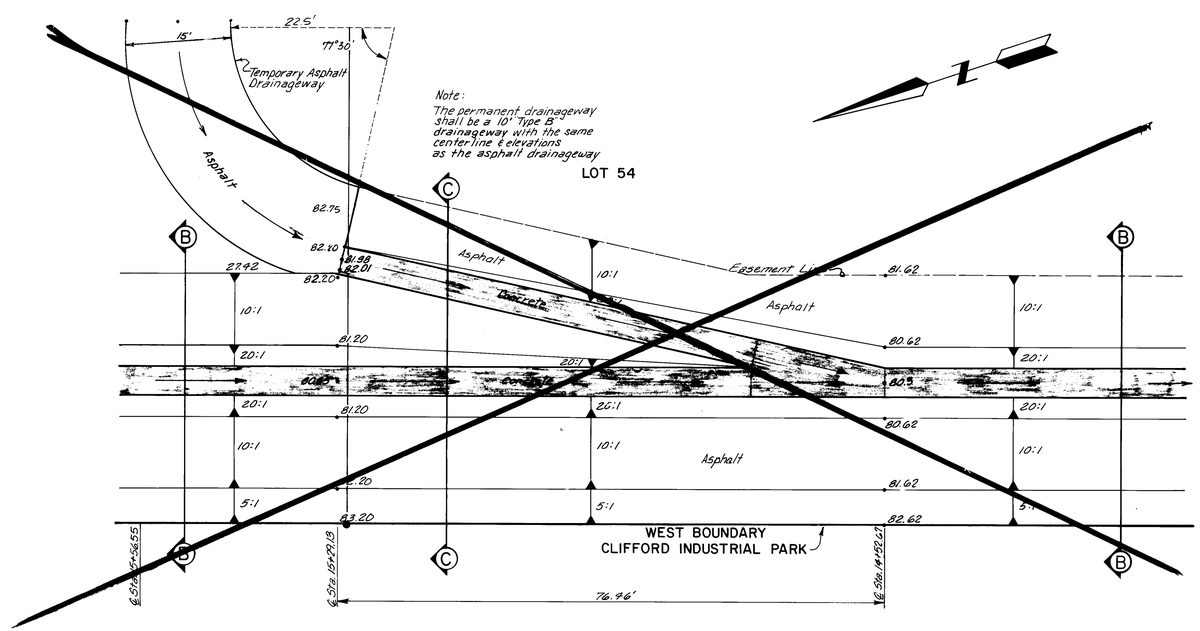
SHEET 25 OF 27

REFERENCE 1564



LOT 49 CONFLUENCE DETAIL

SCALE: 1"=10'

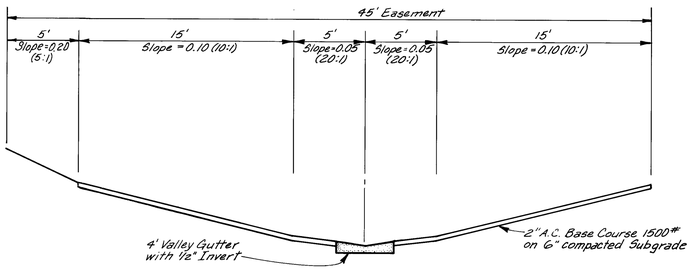


Note:
See Sheet 29 for permanent drainageway details. All confluence elevations will remain the same for both cases.

LOT 54 CONFLUENCE DETAIL

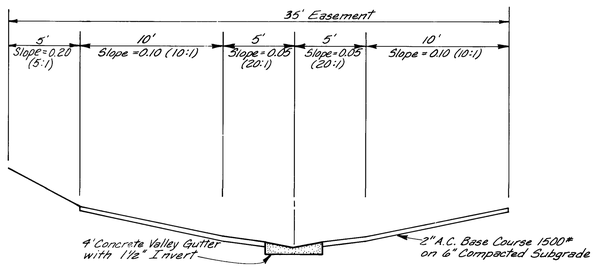
SCALE: 1" = 10'

TO BE CONSTRUCTED WITH PROJECT 1625



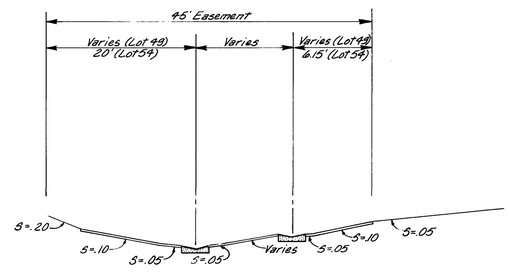
SECTION A-A

SCALE: 1"=5' HOR.
1"=2' VERT.



SECTION B-B

SCALE: 1"=5' HOR.
1"=2' VERT.



SECTION C-C

SCALE: 1"=10' HOR.
1"=5' VERT.

21 1564 2684

SURVEY INFORMATION	BY	DATE
BENCH MARKS		
AS-BUILT INFORMATION	CONTRACTOR	
	WORK STAKED BY	DATE
	INSPECTIONS ACCEPTANCE BY	DATE
	FIELD VERIFICATION BY	DATE
	AS-BUILTS CORRECTED BY	DATE
MICRO-FILM INFORMATION	RECORDED BY	DATE
	NO.	

REFERENCES	NO	BY	DATE
MAP NO			
EST NO			
W.O. NO			
REVISIONS			
REMARKS			
DESIGN	DESIGNED BY DMYM	DATE 9/82	
	DRAWN BY SKS	DATE 9/82	
	CHECKED BY DMYM	DATE 9/82	

PREPARED UNDER THE DIRECTION OF
Dennis Mayo Millikan 10-27-82

APPROVED FOR CONSTRUCTION
C. D. Shepard 12/13/83
CITY ENGINEER DATE
MH for GLOkorn 01/12/83

SCALE: AS SHOWN

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE
CLIFFORD INDUSTRIAL PARK-PHASE I
CONFLUENCE DETAILS

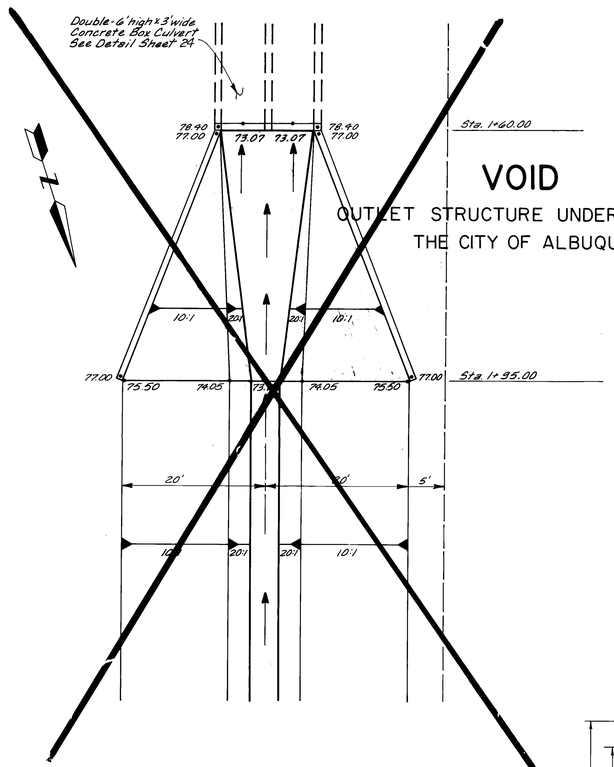
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	C. D. Shepard	12/13/83	Liquid Waste	N.A. Jones J.	7-7-83
A.C.E.-Design	H. Kilbourn	12/13/83	Traffic	N.A. Gallegos	
A.C.E.-Hydrology	T. Hagan	12/13/83	Water	N.A. Jones J.	7-7-83

DRAWING NO. 1564

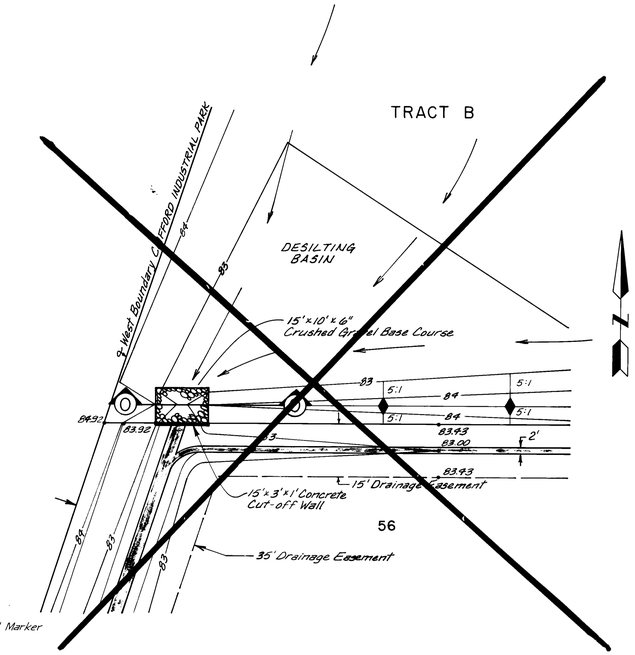
SHEET 26 OF 27

REFERENCE 1625

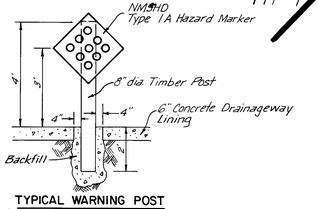
TO BE CONSTRUCTED WITH PROJECT 1625



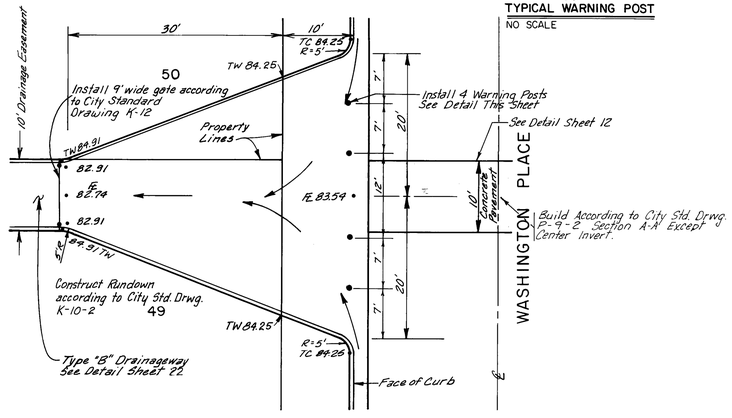
CONCRETE TRANSITION DETAIL
SCALE: 1"=10'



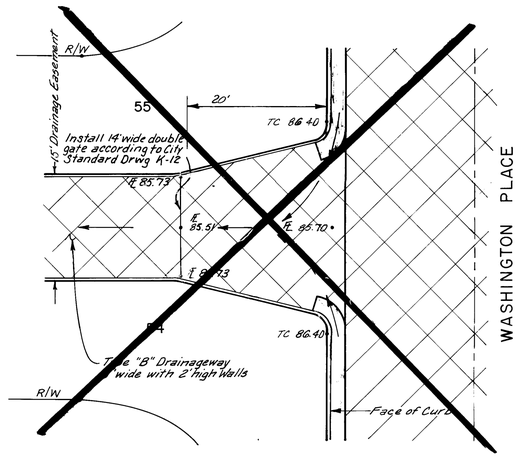
DESILTING BASIN DETAIL
SCALE: 1"=20'



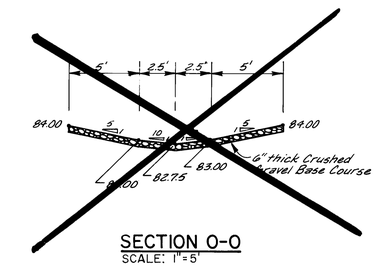
TYPICAL WARNING POST
NO SCALE



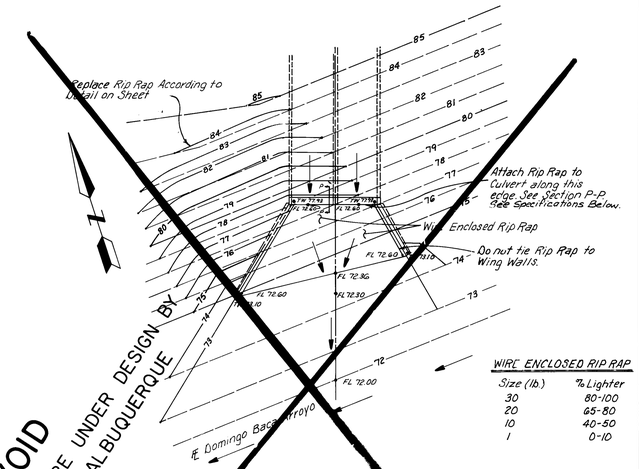
LOT 49 RUNDOWN DETAIL
SCALE: 1"=10'



LOT 55 RUNDOWN DETAIL
SCALE: 1"=10'



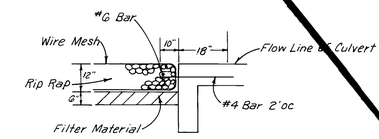
SECTION O-O
SCALE: 1"=5'



WIRE ENCLOSED RIP RAP	
Size (lb.)	% Lighter
30	80-100
20	65-80
10	40-50
1	0-10

SWALE A OUTLET STRUCTURE DETAIL
SCALE: 1"=10'

VOID
OUTLET STRUCTURE UNDER DESIGN BY THE CITY OF ALBUQUERQUE



SECTION P-P
WIRE ENCLOSED RIP RAP CONNECTION
NO SCALE

26 1564 27B4.

AS-BUILT INFORMATION
CONTRACTOR
WORK STAKED BY — DATE
INSPECTORS AS-BUILTED — DATE
FIELD VERIFICATION BY — DATE
DRAWINGS CORRECTED BY — DATE

MICRO-FILM INFORMATION
RECORDED BY — DATE
NO.

BENCH MARKS
THE STATION IS A STANDARD ACS BRASS TABLET, STAMPED "8-C17, 1975," CEMENTED IN A DRILL HOLE IN TOP OF THE WEST CONCRETE CURB 0.3 MILE NORTH OF LOS ANGELES BLVD. ON WASHINGTON ST.
ELEV. = 5111.029

SURVEY INFORMATION

NO.	BY	DATE

REFERENCES
MAP NO. C-17
EST. NO.
W.O. NO.

NO.	REMARKS	BY	DATE
	REVISIONS		
	DESIGN		
	DESIGNED BY DMYM	DATE 9/82	
	DRAWN BY SKS	DATE 9/82	
	CHECKED BY DMYM	DATE 9/82	

PREPARED UNDER THE DIRECTION OF
Harold M. Gylfe 10-27-82
APPROVED FOR CONSTRUCTION
R.W. Shepard 12/13/83
CITY ENGINEER DATE
M.H. for C.R.D. 12/14/83

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: CLIFFORD INDUSTRIAL PARK-PHASE I DRAINAGE DETAILS

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	C.W. Shepard	12/13/83	Liquid Waste	W.A. James Jr.	7-27-83
A.C.E.-Design	G. Keller	12/13/83	Traffic	[illegible]	8-4-83
A.C.E.-Hydrology	[illegible]	[illegible]	Water	W.A. James Jr.	7-27-83
A.M.A.F.C.A.					

SCALE:
DRAWING NO. 1564
SHEET 27 OF 27

TO BE CONSTRUCTED WITH PROJECT 1625

REFERENCE 1625

BRUNING 44 32 527-7