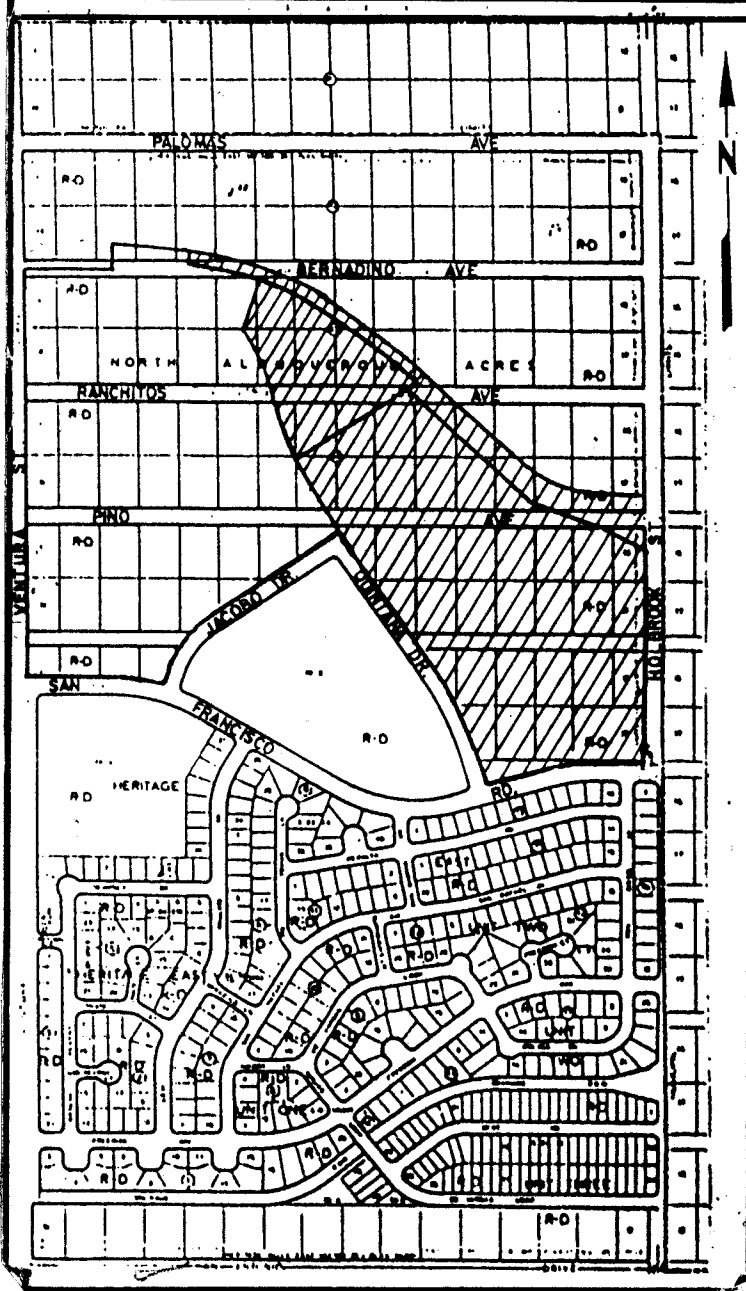


SUBDIVISION IMPROVEMENT PLANS
FOR
HERITAGE EAST
UNIT 4
IN
ALBUQUERQUE, NEW MEXICO
FOR
BELLAMAH COMMUNITY DEVELOPMENT

DESCRIPTION	INDEX	SHEET NUMBER
TITLE SHEET		1
PRELIMINARY PLATS		2-3
SITE PLAN & STREET LAYOUT		4-5
GRADING PLAN & PAVING LAYOUT		6-7
EROSION CONTROL PLANS		8-9
LOT GRADING		10
WATER & SEWER LAYOUT		11-12
QUINTANA DRIVE N.E.	PAVING PLAN & PROFILE	13-15
SELIGMAN AVE. N.E.	PAVING PLAN & PROFILE	16
MESSERVY AVE. N.E.	PAVING PLAN & PROFILE	17
GIDDINGS AVE. N.E.	PAVING PLAN & PROFILE	18-19
CARGO AVE. N.E.	PAVING PLAN & PROFILE	20
JACOBO DRIVE N.E.	PAVING PLAN & PROFILE	21
THORNTON AVE. N.E.	PAVING PLAN & PROFILE	22
HOLBROOK STREET N.E.	PAVING PLAN & PROFILE	23
VENTURA STREET N.E.	PAVING PLAN & PROFILE	24-25
DOMINGO BACA ARROYO	CHANNEL PLAN & PROFILE	26-28
LINE "A" & LINE "B"	UTILITIES PLAN & PROFILE	29
QUINTANA DRIVE N.E.	UTILITIES PLAN & PROFILE	30-32
LINE "C"	UTILITIES PLAN & PROFILE	33
LINE "D"	UTILITIES PLAN & PROFILE	34
HOLBROOK STREET N.E.	UTILITIES PLAN & PROFILE	35
SELIGMAN AVE. N.E.	UTILITIES PLAN & PROFILE	36
MESSERVY AVE. N.E.	UTILITIES PLAN & PROFILE	37
GIDDINGS AVE. N.E.	UTILITIES PLAN & PROFILE	38-39
CARGO AVE. N.E.	UTILITIES PLAN & PROFILE	40
JACOBO DRIVE N.E. & SAN FRANCISCO ROAD N.E.	UTILITIES PLAN & PROFILE	41
THORNTON AVE. N.E.	UTILITIES PLAN & PROFILE	42
DOMINGO BACA ARROYO	CHANNEL CROSS SECTIONS	43
DRAINAGE CHANNEL DETAILS		44
STREET DETAILS		45



VICINITY MAP
SCALE: 1" = 800'
ZONE MAP D-20-Z

- GENERAL NOTES
- ALL WORK DETAILED ON THESE PLANS PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE "CITY OF ALBUQUERQUE INTERIM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION-1985"
 - TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.
 - 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 MINIMUM AMOUNT OF DELAY.
 - ALL WATER, SEWER, AND SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
 - BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
 - BACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE ENGINEER.
 - SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED (STD. DET., P-17).
 - IF CURB IS DEPRESSED FOR A DRIVEPAD OR A HANDICAP RAMP, THE DRIVEPAD OR RAMP SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF THE CURB AND GUTTER.
 - REFER TO "CITY OF ALBUQUERQUE INTERIM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION-1985" FOR TECHNICAL SPECIFICATIONS, STANDARD SERIAL DRAWINGS AND ANY SPECIAL PROVISIONS OR SPECIFICATIONS NEEDED.
 - A DISPOSAL SITE FOR ALL EXCESS EXCAVATION MATERIAL AND ALL REMOVAL AND DISPOSAL OF PAVEMENT, CURB AND GUTTER AND SIDEWALK SHALL BE OBTAINED BY THE CONTRACTOR.
 - DISPOSAL OF ALL WASTE MATERIAL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

1	2	3	4	5	6	7	8	9	10	11	12
2	6	2	4	9	4	0	1	8	6		

APPROVAL OF AS BUILT DRAWINGS
ASST. CITY ENGINEER - FIELD
W. J. McQuinn
DATE 2-25-86

RECORD
Drawings 2-24-86

SET NO.
DATE

REV.	SHEETS	CITY ENGR.	DATE	USER	DEPT.	DATE	USER	DEPT.	DATE
APPROVAL OF REVISIONS									

 <i>Gilbert D. Carney</i> 7-30-85	GARDNER, MASON & ASSOC., INC. ALBUQUERQUE, NEW MEXICO	APPROVED FOR CONSTRUCTION <i>C. J. Gardner</i> CITY ENGINEER DATE
	2494	D-20-Z
		SHEET 1 OF 45

SITUATE WITHIN THE ELENA GALLEGOS GRANT
PROJECTED SECTION 20, T. 11 N., R. 4 E., N.M.P.M.
CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO
MAY 1985

BEING A REPEAT OF ALL OR PORTIONS OF:
 LOTS 6-9, 22-27, BLOCK 43
 LOTS 6-18 J7-20, BLOCK 44
 LOTS 8-24, BLOCK 45
 LOTS 12-13, BLOCK 47
 VACATED RANCHITOS AVENUE
 VACATED PINO AVENUE
 VACATED SAN FRANCISCO AVENUE
 TRACT A, UNIT A, NORTH ALBUQUERQUE ACRES
 (FILED MARCH 17, 1937, VOL. D FOLIO 21)

SUBDIVISION DATA

DRB CASE NO.	85-160
ZONE ATLAS INDEX NO.	D-20-Z
GROSS SUBDIVISION ACREAGE.	42.09
TOTAL NUMBER OF LOTS CREATED.	145
MILEAGE OF THE STREETS CREATED	
HALF WIDTH.	0.36 MILES
FULL WIDTH.	1.38 MILES
TOTAL	1.74 MILES
DATE OF SURVEY.	MARCH 1985
MINIMUM LOT AREA	5718 S.F.
MAXIMUM LOT AREA	16055 S.F.

APPROVED AND ACCEPTED BY:

TRAFFIC ENGINEER, TRANSPORTATION DEPARTMENT DATE

PARKS AND RECREATION DEPARTMENT DATE

PUBLIC SERVICE COMPANY DATE

MOUNTAIN BELL TELEPHONE DATE

GAS COMPANY		DATE

CHIEF CITY SURVEYOR, ENGINEERING DIVISION 07028
DATE

WATER RESOURCES DEPARTMENT DATE

PROPERTY MANAGEMENT DATE

ALBUQUERQUE METROPOLITAN APROXO FLOOD CONTROL AUTHORITY DATECITY ENGINEER, ENGINEERING DIVISION DATE

SUBDIVISION CASE NUMBER _____

APPROVAL AND CONDITIONAL ACCEPTANCE AS SPECIFIED BY THE ALBUQUERQUE
SUBDIVISION ORDINANCE, ARTICLE XI OF CHAPTER 7 OF THE REVISED ORDINANCE
OF ALBUQUERQUE, NEW MEXICO

CITY PLANNER ALBUQUERQUE/JERNALILLO COUNTY PLANNING DIVISION DATE:

SURVEYOR'S CERTIFICATE

I, GILBERT O. GARFONER, HEREBY CERTIFY THAT I AM A DULY QUALIFIED LAND SURVEYOR, REGISTERED UNDER THE LAWS OF THE STATE OF NEW MEXICO, AND THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION, SHOWS ALL EASEMENTS MADE KNOWN TO ME BY MY OWNER, UTILITY COMPANIES OR OTHER PARTIES EXPRESSING AN INTEREST AND THAT THE SURVEY MEETS THE MINIMUM REQUIREMENTS FOR MONUMENTATION AND SURVEYS OF THE ALBUQUERQUE SUBDIVISION ORDINANCE AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

6-18

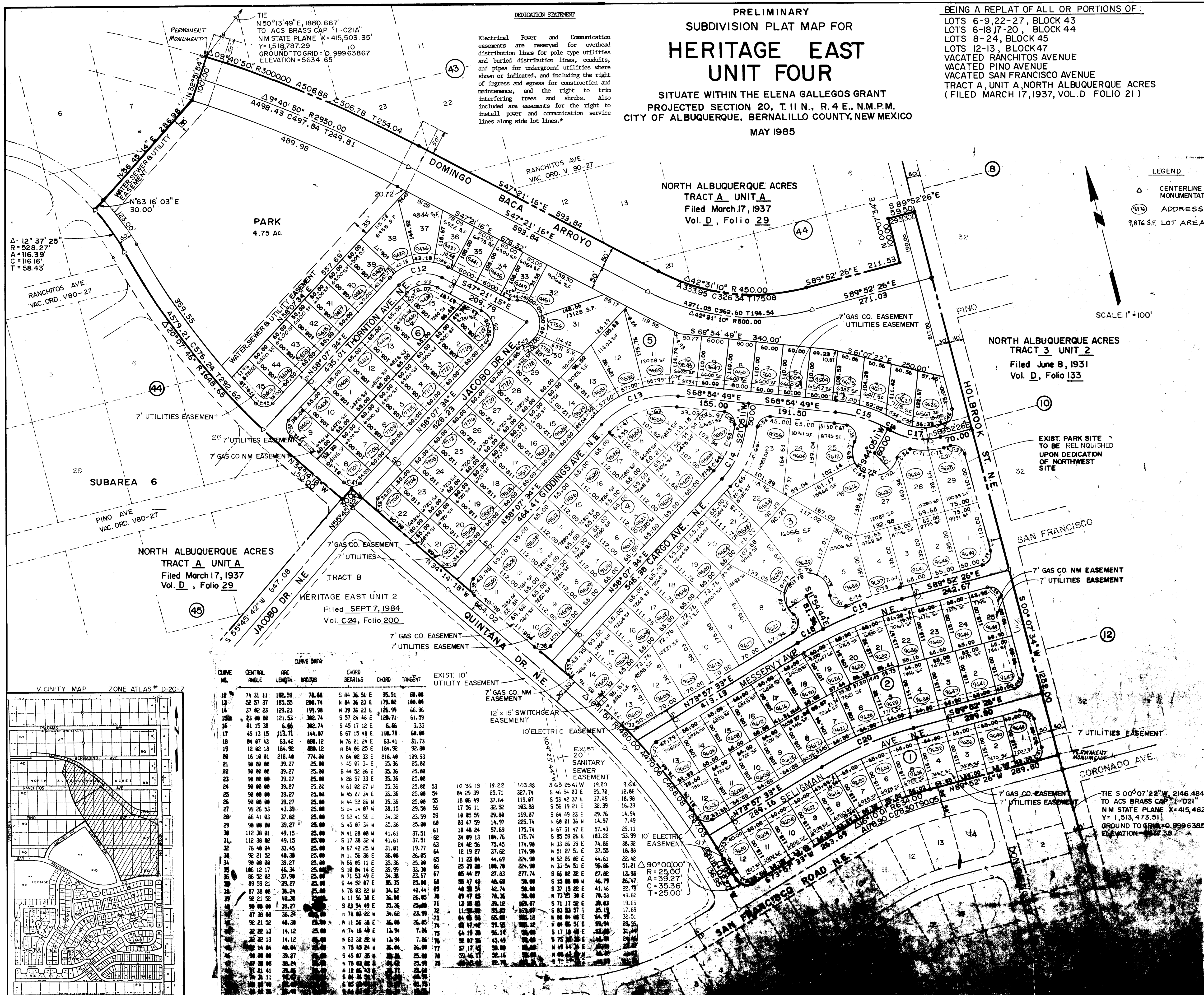
NOTES.

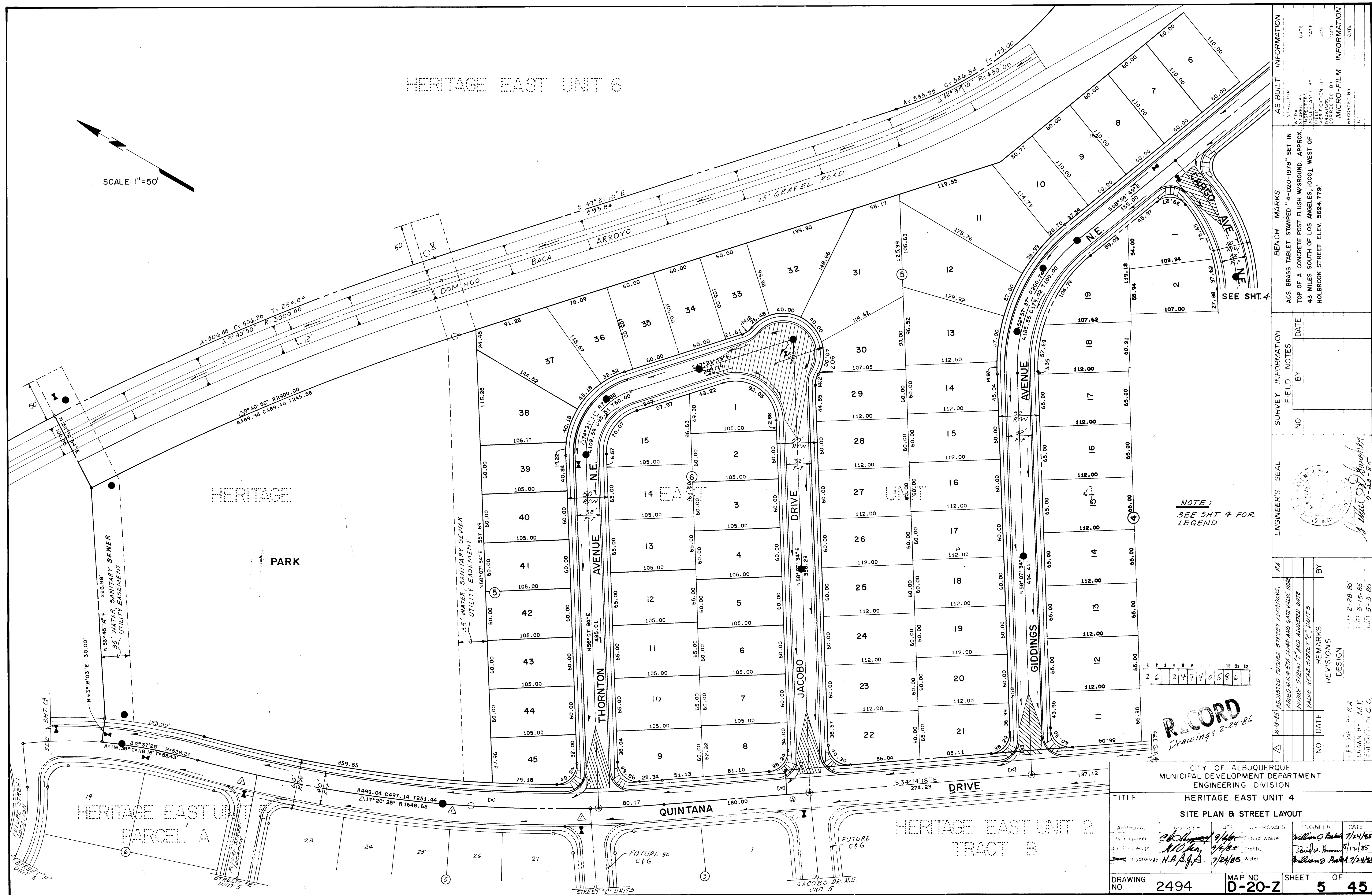
1. ANNEXATION ESTABLISHED BY ANNEXATION ORDINANCE AX 80-22
2. ZONING ESTABLISHED BY ORDINANCE Z80-112
3. UNDERLYING STREETS VACATED BY ORDINANCE V80-27
4. WATER AND SEWER AVAILABILITY STATEMENT ISSUED APRIL 2, 1985
5. ACCESS TO LOTS 1, 2, BLOCK 1 FROM SAN FRANCISCO AVE. TO BE PROHIBITED
6. ACCESS TO LOT 1, BLOCK 1; LOTS 1 & 25, BLOCK 2; LOTS 1 & 29, BLOCK 3; AND LOT 1, BLOCK 5 FROM HOLBROOK STREET TO BE PROHIBITED
7. ALL UTILITY EASEMENTS ARE 7' UNLESS OTHERWISE NOTED.
8. THE REMAINDER OF THE HERITAGE EAST SECTOR PLAN WILL BE REPLATED TO ELIMINATE LOT LINES AND DEDICATE R/W FOR QUITANA DR. AND THE DOMINGO BACA ARROYO PRIOR TO RECORDING OF THE FINAL PLAT FOR HERITAGE EAST UNIT 4
9. PERMANENT MONUMENT AND CENTERLINE MONUMENTATIONS WILL BE INCORPORATED IN THE FINAL PLAT AS SHOWN ON THIS PLAT

GARDNER, MASON & ASSOC., INC.
ALBUQUERQUE, NEW MEXICO

DWG. NO.	MAP NO.	SHEET	OF
2494	D-20-7	2	45

PRELIMINARY PLAT APPROVED BY DRB-85-160
ON JULY 2, 1985 (NO. S-85-14)







LEGEND

- DIRECTION OF DRAINAGE FLOW
- NEW CONTOURS
- EXISTING CONTOURS
- NEW CURB & GUTTER WITH 4' SIDEWALK AT PROPERTY LINE
- PAD ELEVATIONS
- RETAINING WALL GREATER THAN 18" HIGH
- RETAINING WALL LESS THAN 18" HIGH

GENERAL NOTES FOR GRADING PLAN

- SEE SHEET 10 FOR LOT GRADING DETAILS.
- SEE SHEETS 13 THROUGH 25 FOR PAVING PLAN AND PROFILES.
- SEE SHEET 45 FOR STREET SECTIONS.
- SEE SHEET 26 THROUGH 28 FOR DOMINGO BACA ARROYO CHANNEL GRADING.
- ALL GRADING AND EARTH WORK TO BE COMPLETED IN ACCORDANCE WITH EARTHWORK SPECIFICATIONS.
- REMOVAL OF STRUCTURES, OBSTRUCTIONS, ASPHALT PAVEMENT, FENCES, RIPRAP, ABANDONED UTILITIES, AND OTHER REMOVAL ITEMS NOT SPECIFICALLY COVERED BY A BID ITEM TO BE INCIDENTAL TO CONSTRUCTION AND NO SEPARATE PAYMENT TO BE MADE.
- ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL CITY OF ACCEPTANCE.
- SEE SHT. 4 FOR SIDEWALK CONSTRUCTION
- ALL FINISHED FLOOR ELEVATIONS ARE 8" HIGHER THAN THE HIGHER SIDE ELEVATIONS OF THE PADS.
- ALL BUILDING PADS ARE 50' x 50' EXCEPT AS NOTED.

26	2494	0686
----	------	------

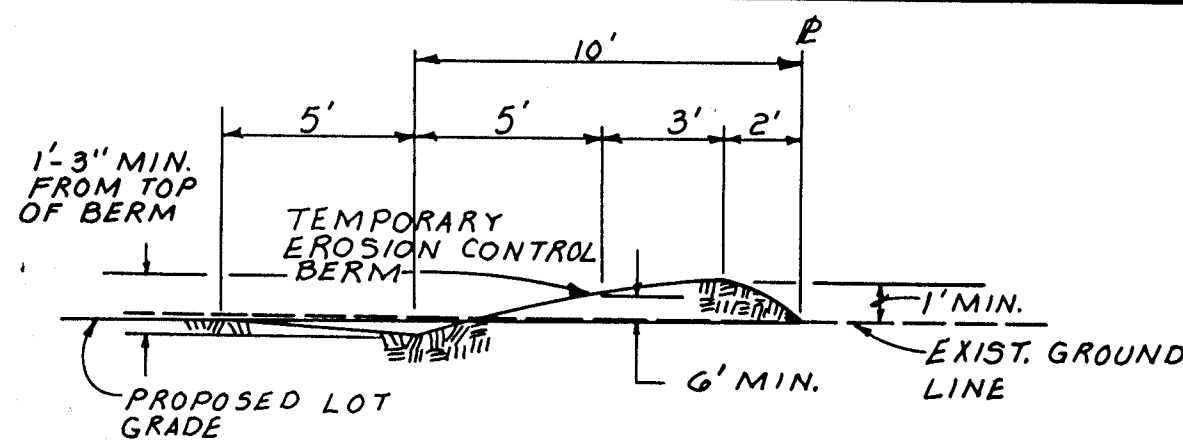
NOTE: SEE SHEET 7 FOR EROSION CONTROL NOTES & TEMPORARY BERM DETAIL.

RECORD
Drawings 2-24-86

APPROVED FOR ROUGH GRADING
DATE

CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION					
TITLE: HERITAGE EAST UNIT 4 GRADING PLAN & PAVING LAYOUT					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	9/6/85	Liquid Waste	NA	7/24/85
A.C.E.-Design	<i>[Signature]</i>	9/6/85	Traffic	NA	9/2/85
Hydrology	<i>[Signature]</i>	7/24/85	Water	NA	7/24/85
DRAWING NO. 2494		MAP NO. D-20-Z		SHEET 6 OF 45	

BENCH MARKS		AS BUILT INFORMATION	
ACS. BRASS TABLET STAMPED "4-D20-1978" SET IN TOP OF A CONCRETE POST FLUSH W/GROUND. APPROX. 43 MILES SOUTH OF LOS ANGELES, 10001 WEST OF HOLBROOK STREET ELEV. 5624.779'		CONTRACTOR	
		WORK	DATE
		STAKED BY	DATE
		ACCEPTANCE BY	DATE
		VERIFICATION BY	DATE
		DRAWINGS	DATE
		CORRECTED BY	DATE
		MICRO-FILM INFORMATION	DATE
		RECORDED BY	DATE
		NO.	NO.



TEMPORARY EROSION CONTROL BERM DETAIL
(BERM TO BE REMOVED AFTER COMPLETION OF IMPROVEMENTS)
NOT TO SCALE

UNIT 4

EROSION CONTROL NOTES

1. The contractor is to maintain a one foot high berm along Quintana Street to prevent erosion onto the paved streets. This berm is to remain in place after completion of site improvements.
2. The erosion control berm shall be placed at locations shown on this sheet; and other locations selected by the engineer if erosion becomes a problem.
3. Upon completion of all improvements, the contractor is to remove silt from all the streets and channels.

TEMPORARY MEASURES

1. Top of Subgrade, bottom of excavation, or top of embankment shall be watered or otherwise kept dust free. The contractor at the direction of the engineer, shall use his watering equipment for dust pollution abatement. This operation shall be given priority over any other operation where the water equipment might be required. Watering, as required, shall be considered incidental to construction and no measurement or payment will be made, therefore,
2. As directed by the engineer, roadway slopes which are exposed during construction and will be subject to erosion are to be treated by watering to prevent erosion. Watering shall be considered incidental, and no measurement or payment will be made, therefore,
3. If construction operations need to be suspended for a period of time longer than two weeks, the engineer shall request the contractor to treat all exposed areas with a temporary soil stabilant. No measurement or payment will be made, therefore,
4. All areas occupied by the contractor in connection with the work, shall be kept free of dust. This work shall be considered incidental, and no measurement or payment will be made therefore.

APPROVED FOR ROUGH GRADING

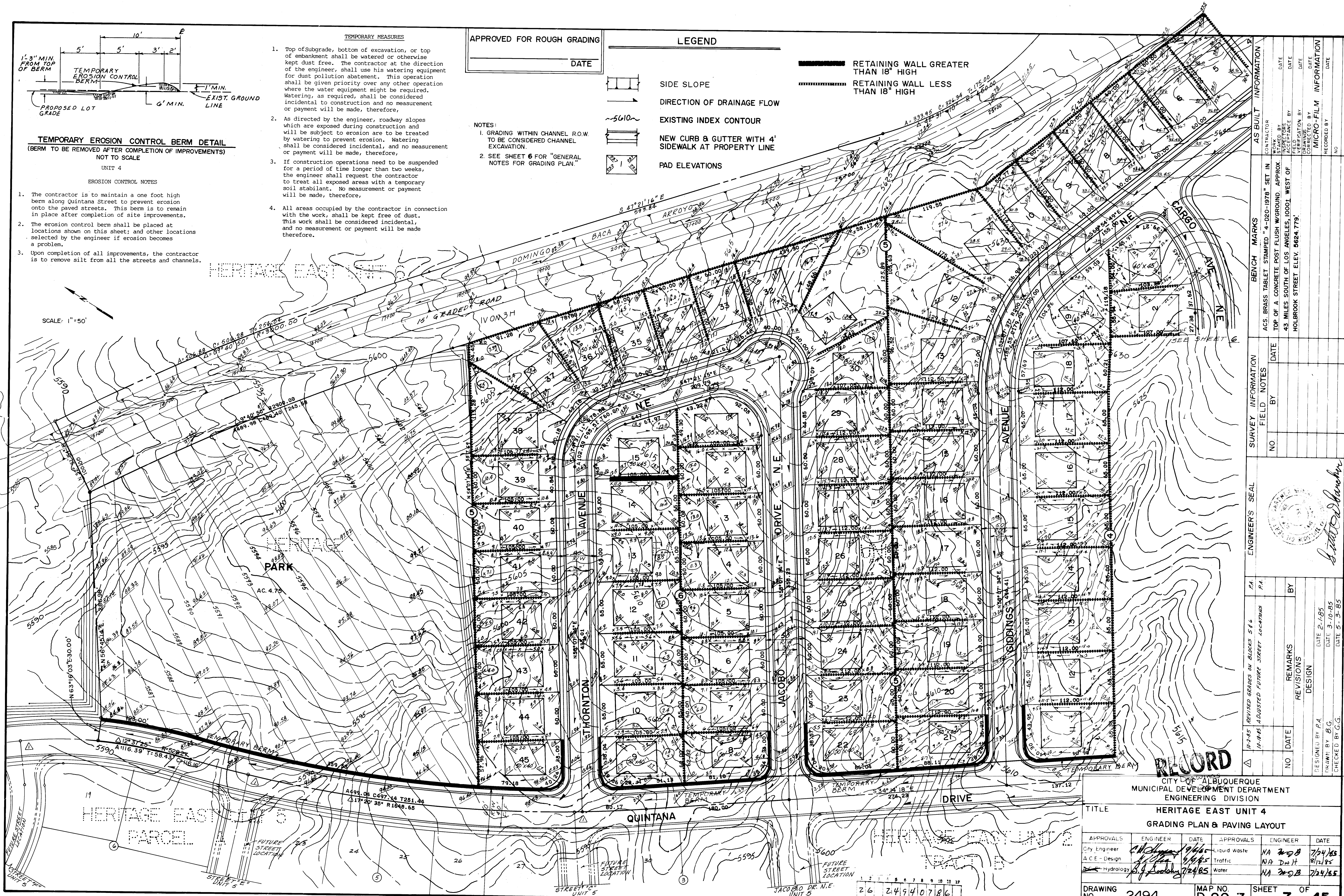
DATE

LEGEND

- SIDE SLOPE
- DIRECTION OF DRAINAGE FLOW
- EXISTING INDEX CONTOUR
- NEW CURB & GUTTER WITH 4' SIDEWALK AT PROPERTY LINE
- PAD ELEVATIONS

- RETAINING WALL GREATER THAN 18" HIGH
- RETAINING WALL LESS THAN 18" HIGH

- NOTES:
1. GRADING WITHIN CHANNEL R.O.W. TO BE CONSIDERED CHANNEL EXCAVATION.
 2. SEE SHEET 6 FOR "GENERAL NOTES FOR GRADING PLAN."

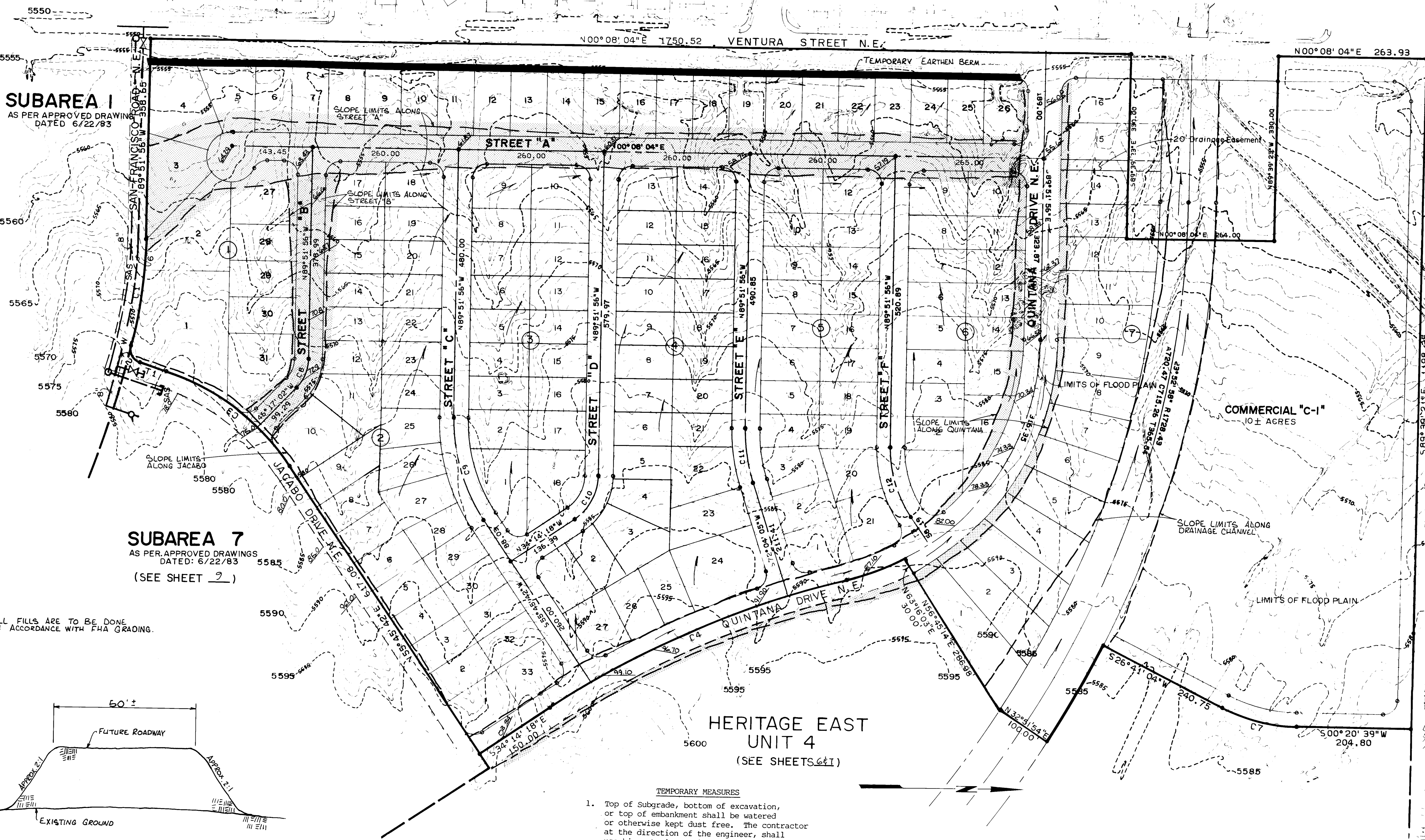
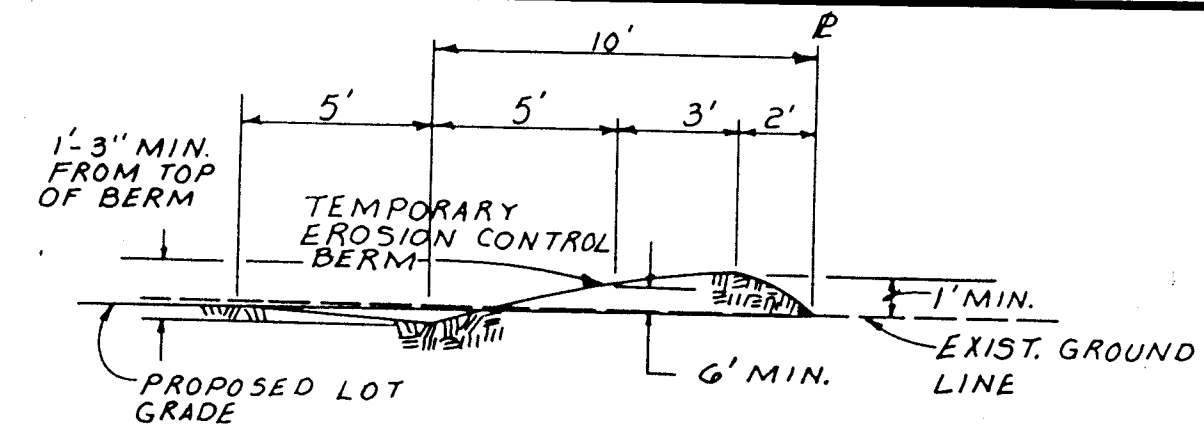


AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		REVISIONS		DESIGN		MICRO-FILM INFORMATION	
CONTRACTOR	DATE	ACCS. BRASS TABLET	STAMPED "A-D20-1978" SET IN TOP OF A CONCRETE POST FLUSH W/ GROUND. APPROX. 43 MILES SOUTH OF LOS ANGELES, 10001 WEST OF HOLBROOK STREET ELEV. 5624.775.	NO	DATE	PA	PA	NO	DATE	DESIGNED BY	DATE	RECORDED BY	DATE
STAINED BY	DATE	DATE		BY				BY		PA	DATE	NO	
FIELD ACTION BY	DATE									DATE 2-1-85			
CORRECTED BY	DATE									DATE 3-10-85			
DATE										DATE 5-3-85			

CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION					
TITLE HERITAGE EAST UNIT 4 GRADING PLAN & PAVING LAYOUT					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	9/4/85	Liquid Waste	NA	7/24/85
A.C.E. - Design	<i>[Signature]</i>	9/4/85	Traffic	NA	8/12/85
Hydrology	<i>[Signature]</i>	7/24/85	Water	NA	7/24/85
DRAWING NO.	MAP NO.	SHEET	OF		
2494	D-20-Z	7	45		

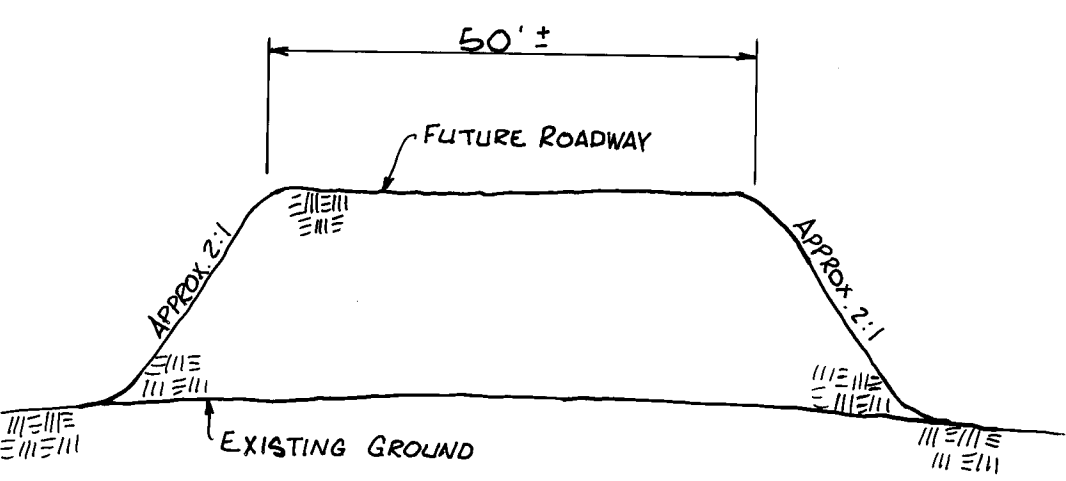
FOR INFORMATION ONLY

NOTE:
RUNOFF WILL BE PREVENTED FROM ENTERING
VENTURA BY MEANS OF THE EARTHEN BERM
AND BY THE FUTURE ROADWAY (STREET "A")
SEE DETAIL THIS SHEET EARTHEN BERM
SHALL REMAIN UNTIL THE COMPLETION
OF UNIT 5.



- LEGEND**
- EXISTING CONTOURS
 - SLOPE LIMITS
 - TEMPORARY EARTHEN BERM
 - SPOT ELEVATIONS
 - DIRECTION OF FLOW
 - RESEEDING AREA

NOTE: ALL FILLS ARE TO BE DONE
IN ACCORDANCE WITH FHA GRADING.



- UNIT 5
EROSION CONTROL NOTES**
- The contractor is to maintain a two foot high berm along San Francisco and Ventura to prevent erosion onto the paved streets. This berm is to remain in place after completion of site improvements.
 - The erosion control berm shall be placed at locations shown on this sheet; and other locations selected by the engineer if erosion becomes a problem.
 - Upon completion of all improvements, the contractor is to remove silt from all the streets and channels.
 - Upon completion of rough grading, the contractor is to reseed disturbed areas with native grasses.

- TEMPORARY MEASURES**
- Top of Subgrade, bottom of excavation, or top of embankment shall be watered or otherwise kept dust free. The contractor at the direction of the engineer, shall use his watering equipment for dust pollution abatement. This operation shall be given priority over any other operation where the water equipment might be required. Watering, as required, shall be considered incidental to construction and no measurement or payment will be made, therefore,
 - As directed by the engineer, roadway slopes which are exposed during construction and will be subject to erosion are to be treated by watering to prevent erosion. Watering shall be considered incidental, and no measurement or payment will be made, therefore,
 - If construction operations need to be suspended for a period of time longer than two weeks, the engineer shall request the contractor to treat all exposed areas with a temporary soil stabilant. No measurement or payment will be made, therefore,
 - All areas occupied by the contractor in connection with the work, shall be kept free of dust. This work shall be considered incidental, and no measurement or payment will be made, therefore.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Liquid Waste	NA	2/2/85
A.C.E.-Design			Traffic		
A.C.E.-Hydrology			Water	NA	2/2/85

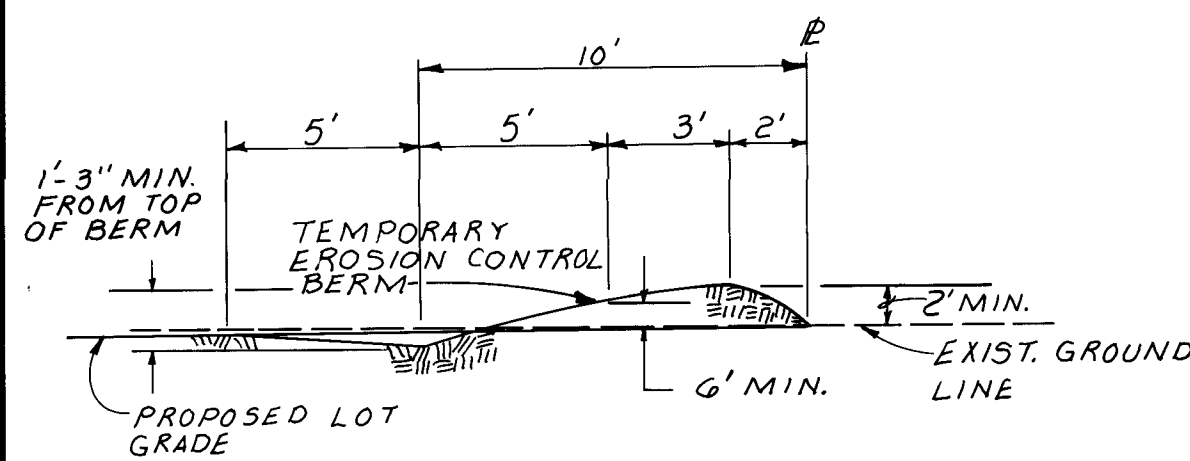
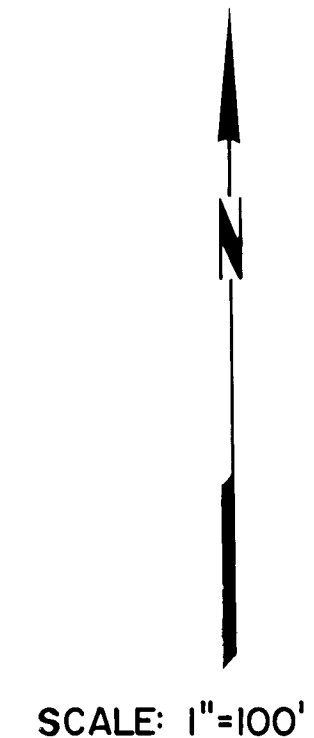
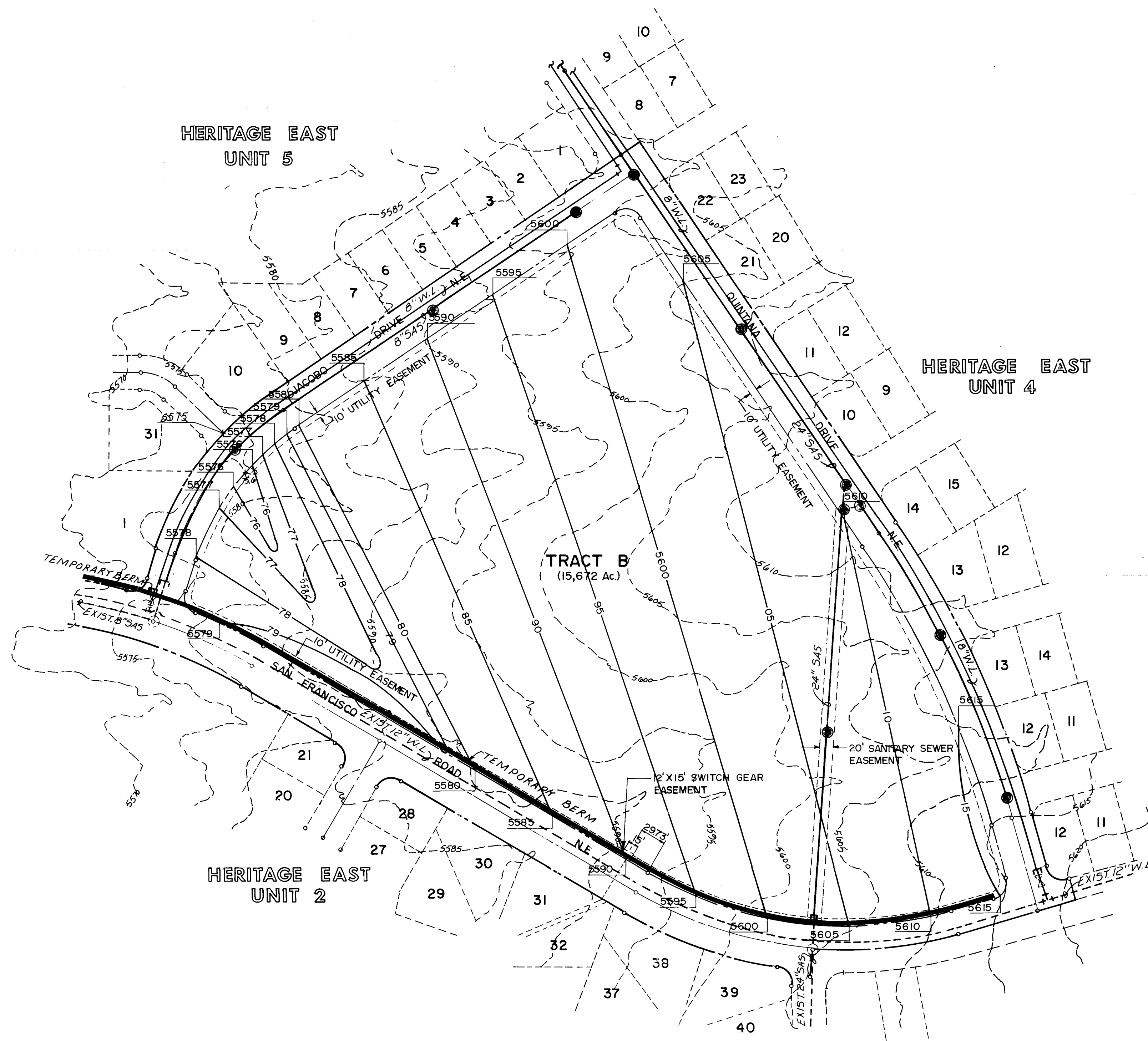
RECORD
Drawings 2-29-84

Signature
7-20-85

APPROVED FOR ROUGH GRADING
DATE 7/1/85

BELLAMAH COMMUNITY DEVELOPMENT		SHEET
HERITAGE EAST UNIT 5 EROSION CONTROL PLAN OFF-SITE		8 OF 45
GARDNER, MASON ASSOC. INC. ALBUQUERQUE, NEW MEXICO		
PROJECT NO.	DRAWN: ✓	CHECKED: ✓
	TRACED: ✓	APPROVED: ✓
		DATE: ✓
		SCALE: ✓

FOR INFORMATION ONLY



TEMPORARY EROSION CONTROL BERM DETAIL
(BERM TO BE REMOVED AFTER COMPLETION OF IMPROVEMENTS)
NOT TO SCALE

TRACT B

EROSION CONTROL NOTES

1. The contractor is to maintain a two foot high berm along San Francisco Street to prevent erosion onto the paved streets. This berm is to remain in place after completion of site improvements.
2. The erosion control berm shall be placed at locations shown on this sheet; and other locations selected by the engineer if erosion becomes a problem.
3. Upon completion of all improvements, the contractor is to remove silt from all the streets and channels.

TEMPORARY MEASURES

1. Top of Subgrade, bottom of excavation, or top of embankment shall be watered or otherwise kept dust free. The contractor at the direction of the engineer, shall use his watering equipment for dust pollution abatement. This operation shall be given priority over any other operation where the water equipment might be required. Watering, as required, shall be considered incidental to construction and no measurement or payment will be made, therefore.
2. As directed by the engineer, roadway slopes which are exposed during construction and will be subject to erosion are to be treated by watering to prevent erosion. Watering shall be considered incidental, and no measurement or payment will be made, therefore.

3. If construction operations need to be suspended for a period of time longer than two weeks, the engineer shall request the contractor to treat all exposed areas with a temporary soil stabilant. No measurement or payment will be made, therefore.

EXCAVATION - 59,253
BORROW - 21,945
WASTE - 37,300

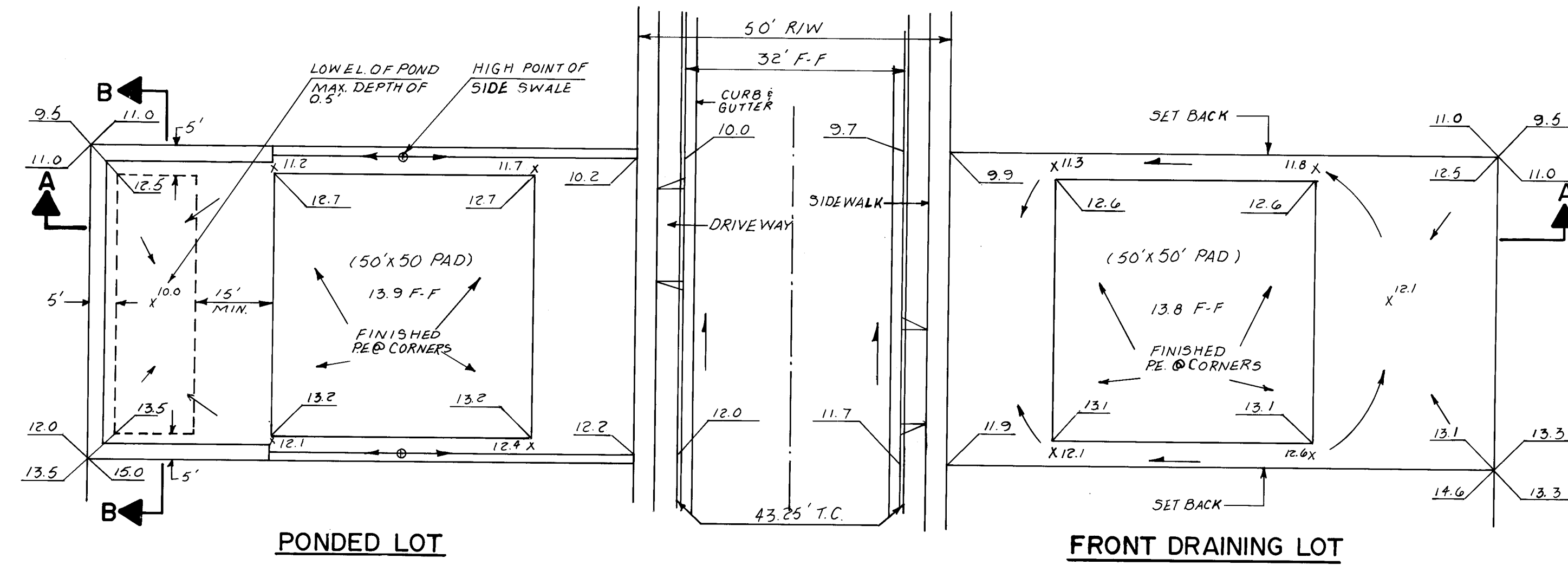
APPROVED FOR ROUGH GRADING
B. G. Sordley 7/1/85
DATE

1 2 3 4 5 6 7 8 9 10 11 12
26 24 9 40 9 8 6

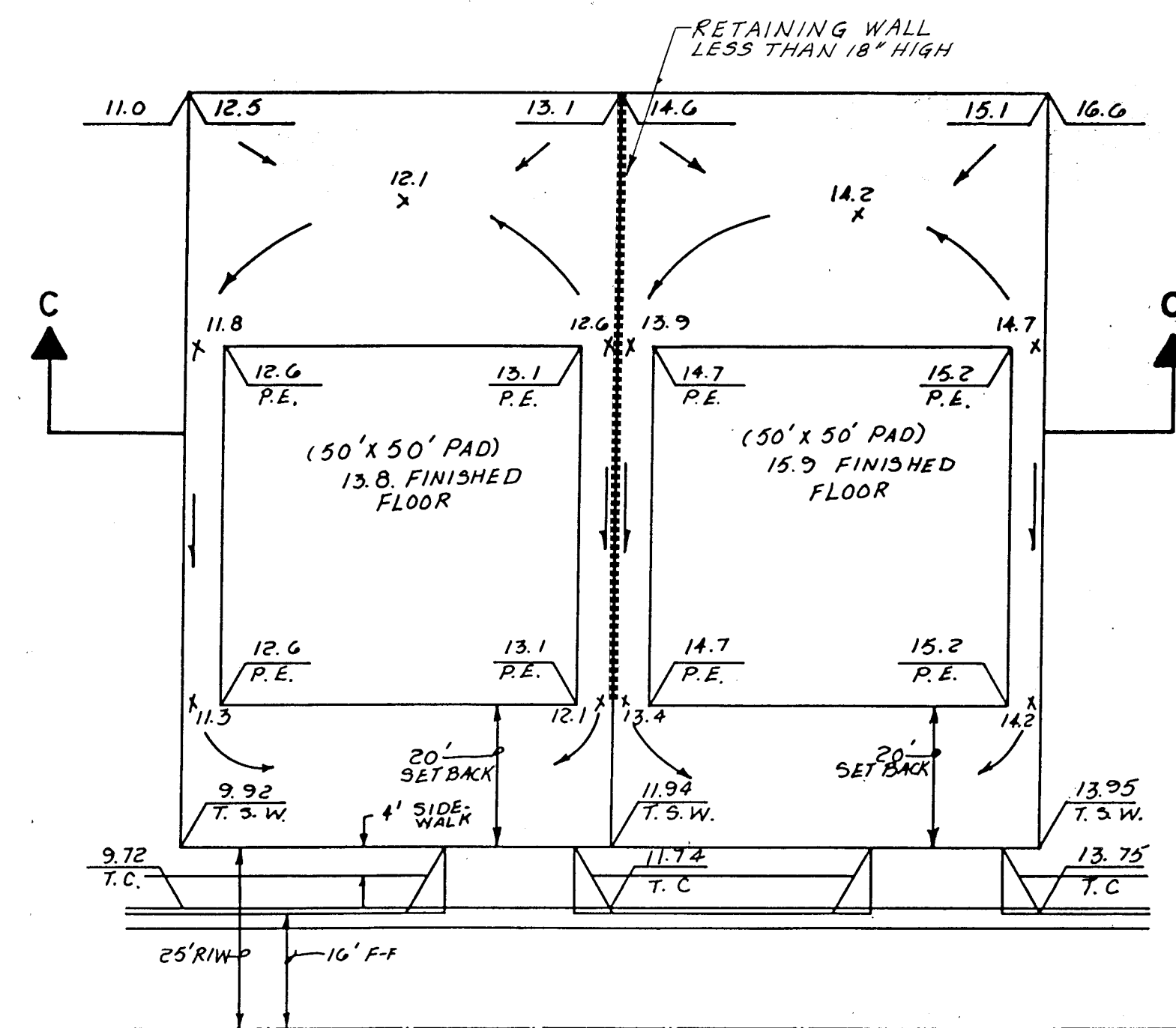
RECORD
Drawings 2-24-86

CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION					
TITLE: HERITAGE EAST UNIT 2 TRACT B EROSION CONTROL PLAN OFFSITE					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>B. G. Sordley</i>	7/24/85	Liquid Waste	NA <i>DWH</i>	7/24/85
A.C.E. - Design	<i>B. G. Sordley</i>	7/24/85	Traffic	NA <i>DWH</i>	8/2/85
Hydrology	<i>B. G. Sordley</i>	7/24/85	Water	NA <i>DWH</i>	7/24/85
DRAWING NO.		MAP NO.		SHEET 9 OF 45	
D-20-Z					

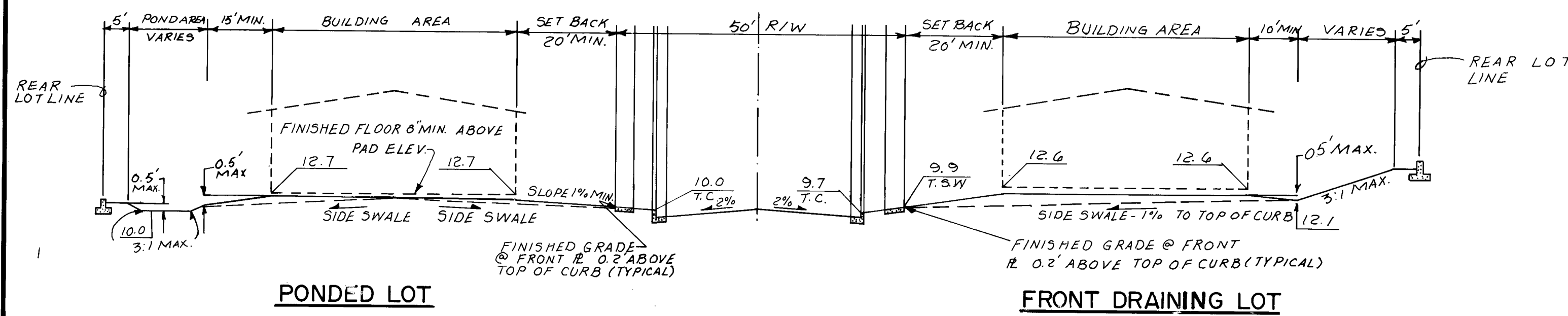
SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	DATE	ACQ. BRASS TABLET	STAMPED "4-D20-1978" SET IN TOP OF A CONCRETE POST FLUSH W/GROUND APPROX. 43 MILES SOUTH OF LOS ANGELES, 10001 WEST OF HOLBROOK STREET ELEV. 5624.779'	CONTRACTOR	DATE
				INSPECTED BY	DATE
				VERIFICATION BY	DATE
				COMPILED BY	DATE
				MICRO-FILM	DATE
				RECORDED BY	DATE
				NO.	



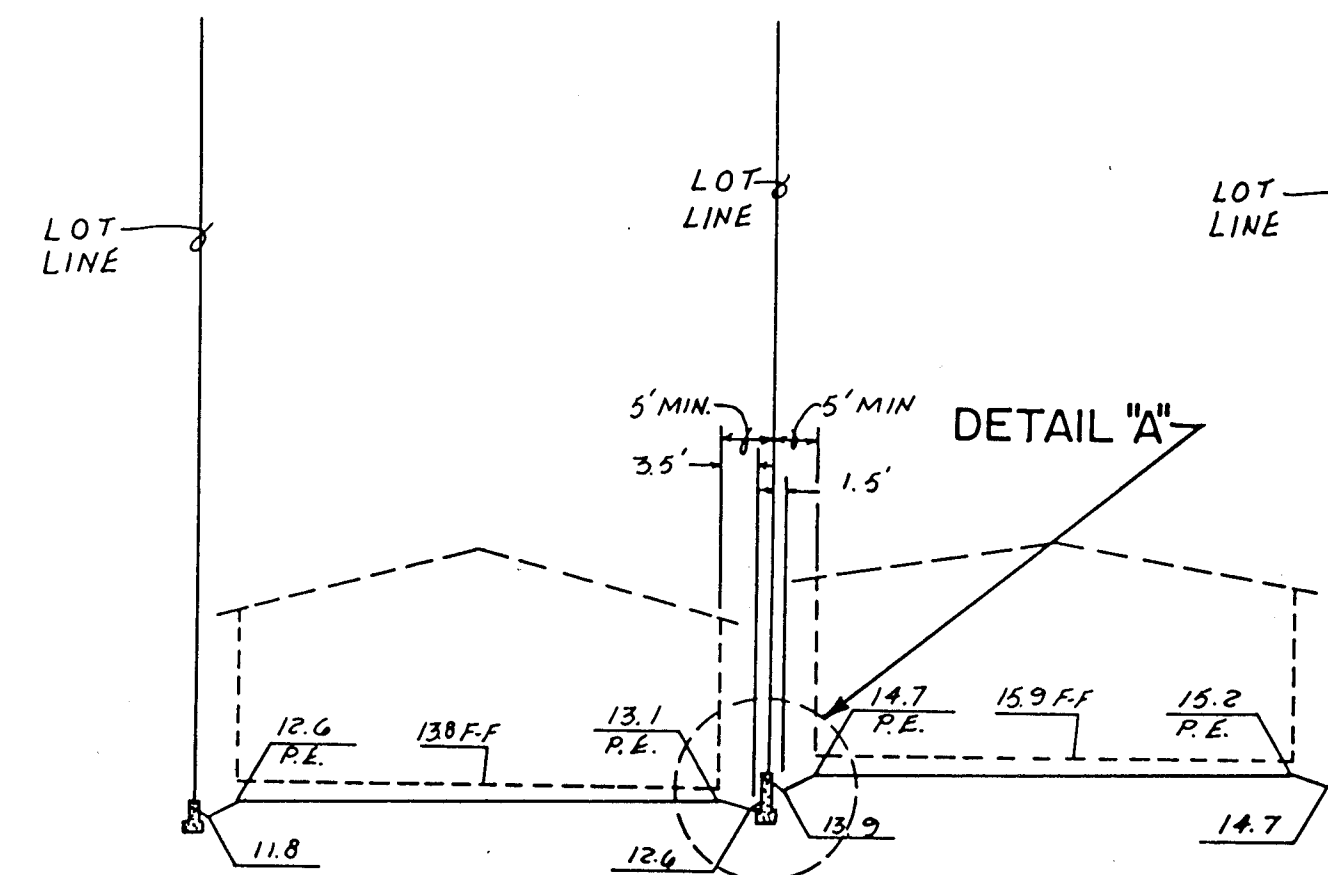
TYPICAL LOT GRADING PLAN
NOT TO SCALE



TYPICAL SIDE BY SIDE LOT GRADING
NOT TO SCALE



SECTION A-A
NOT TO SCALE



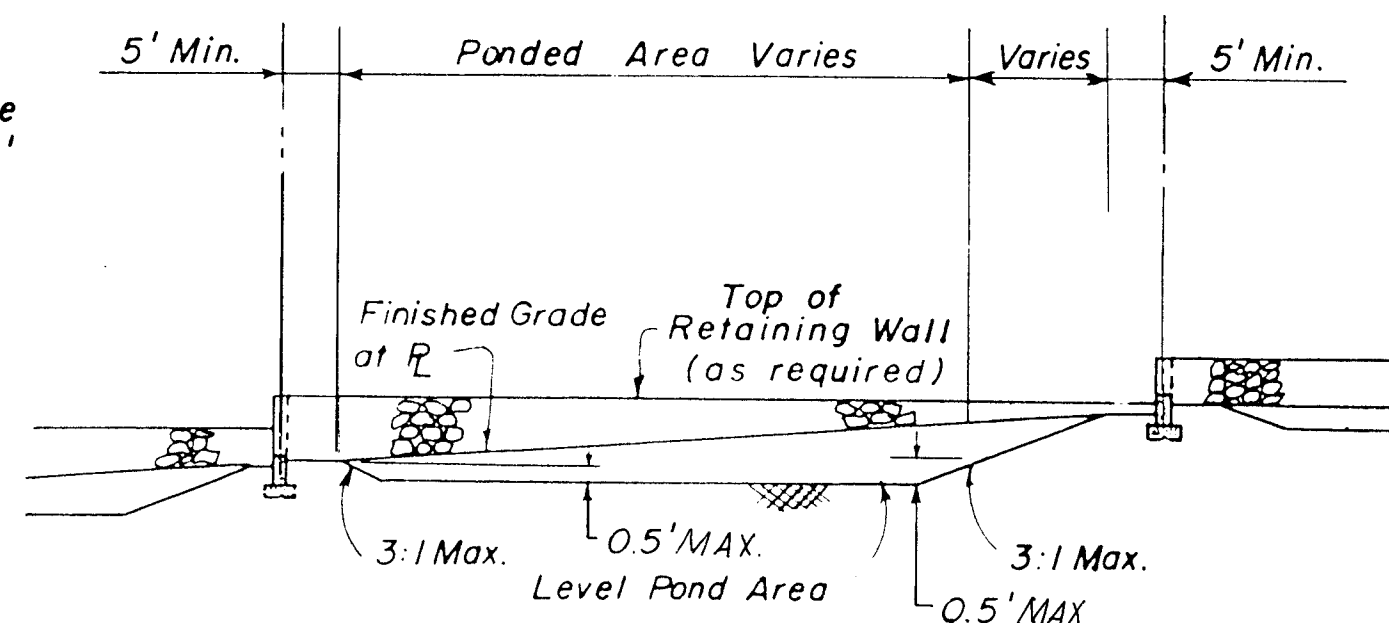
SECTION C-C
NOT TO SCALE

TYPICAL SECTION POND LOT

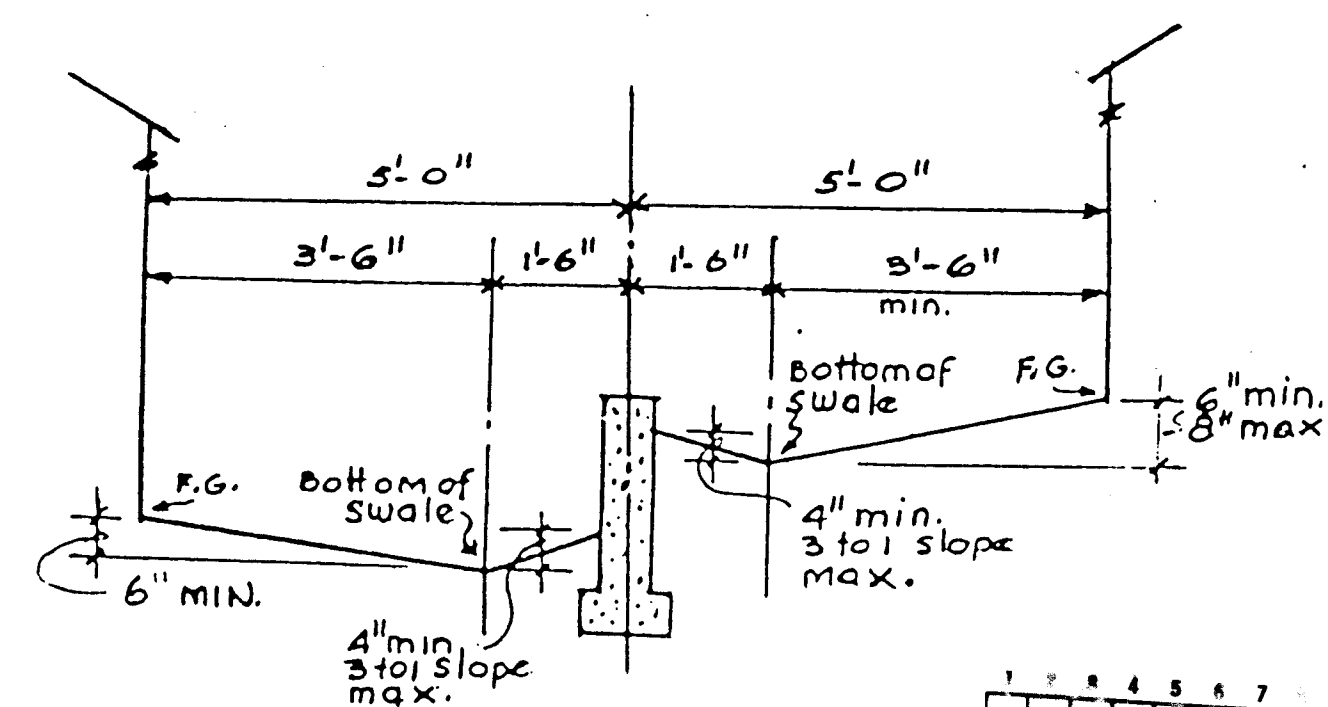
TYPICAL SECTION OF STREET DRAINAGE LOT

TYPICAL BACK TO BACK LOT GRADING
NOT TO SCALE

Note:
Retaining Wall Required if the Difference
in Finish Grade at the R Exceeds 2.0'



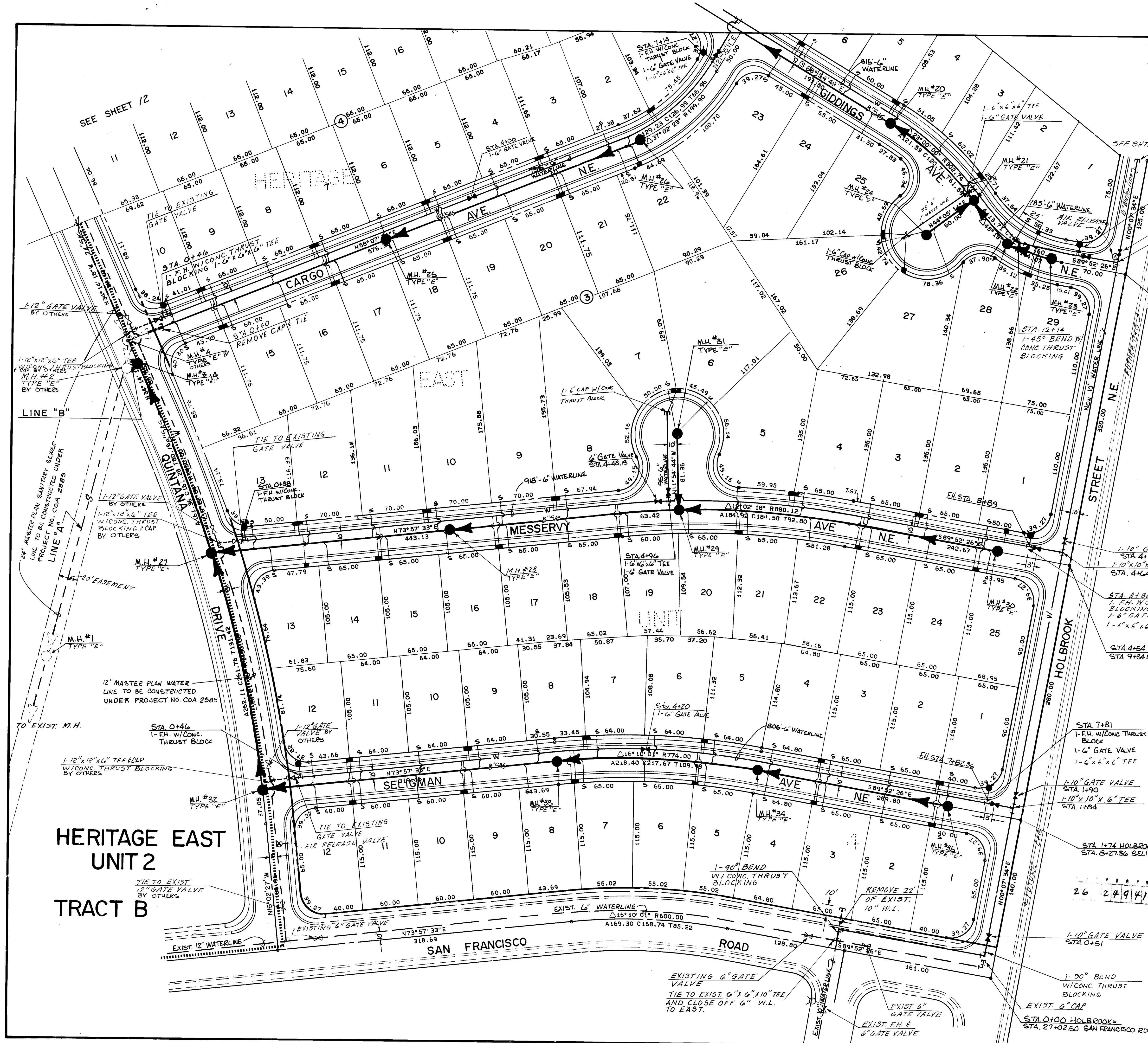
SECTION B-B
TYPICAL POND AREA SECTION
NOT TO SCALE



DETAIL "A"
NOT TO SCALE

RECORD
Drawings 2-24-86

CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION					
TITLE: HERITAGE EAST UNIT 4					
LOT GRADING					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	7/24/85	Liquid Waste	NA	7/24/85
A.C.E. - Design	<i>[Signature]</i>	7/24/85	Traffic	NA	7/24/85
Hydrology	<i>[Signature]</i>	7/24/85	Water	NA	7/24/85
DRAWING NO.	2494	MAP NO.	D-20-Z	SHEET	10 OF 45



NOTES:

1. ALL MANHOLES, WATERLINES, SAN. SEWER LINES & ALL SERVICE LINES TO BE CONSTRUCTED UNDER THIS CONTRACT. ALL MANHOLES, 12" WATERLINES, & 24" SAN. SEWER SHOWN TO BE CONSTRUCTED BY OTHERS WILL NOT BE INCLUDED UNDER THIS CONTRACT.
2. MANHOLE STEPS ARE REQUIRED PER O.S.H.A. STANDARDS AND PER CITY STD. DWG. K-25 FOR ALL MANHOLES DEEPER THAN 10'.

SCALE: 1" = 50'

SEWER & WATER

1. ALL STATIONING REFERS TO STREET "C" STATIONING.
2. WHERE A WATER LINE PASSES BENEATH OR LESS THAN 3' ABOVE AN EXISTING SEWER LINE, THE SEWER LINE SHALL BE ENCASED IN CONCRETE AS PER STANDARD DRAWING S-10 FOR AT LEAST 10' ON EACH SIDE OF THE WATER LINE, OR THE SEWER LINE SHALL BE DUCTILE IRON PIPE WITH PRESSURE-TYPE JOINTS FOR 10' ON EACH SIDE OF THE WATER LINE. THIS SHALL ALSO APPLY WHERE A PARALLEL WATER LINE IS LESS THAN 10' HORIZONTAL AND LESS THAN 2' ABOVE THE SEWER LINE.

SANITARY SEWER LINES

1. ALL SANITARY SEWER MAINS SHALL BE 8" P.V.C. SDR-35.
2. MANHOLES SHALL BE TYPE "C" OR "E" AS SHOWN ON P.E. SHEETS. THEY SHALL BE 4' IN DIAMETER UNLESS OTHERWISE SHOWN ON PLANS. AS PER CITY STD. DWG. S-1, S-2.
3. ALL SANITARY SEWER SERVICE LINES ARE TO BE LOCATED 10' FROM THE LOW SIDE PROPERTY CORNER AS PER CITY STD. DWG. S-9 (TYPICAL).

WATER LINES

1. WATER LINES SHALL BE LOCATED 10' NORTH OR WEST OF THE STREET C EXCEPT AS OTHERWISE SHOWN ON PLANS. WATER LINES SHALL NOT BE LOCATED LESS THAN 10' AWAY FROM SANITARY SEWER LINES AND NOT CLOSER THAN 1' TO THE LIP OF THE CURB AND GUTTER.
2. MINIMUM COVER FOR WATER LINES SHALL BE 3'.
3. ALL FIRE HYDRANTS, VALVES AND FITTINGS SHALL BE PROVIDED WITH CONCRETE BLOCKING AS PER CITY STANDARDS.
4. ALL FIRE HYDRANTS SHALL HAVE A MINIMUM BURY OF 4.5 FT.
5. GATE VALVES SHALL BE RESILIENT SEAT GATE VALVES.
6. WATER SERVICES SHALL BE LOCATED AS PER CITY STD. DWG. W-10, F OR G, OR AS OTHERWISE INDICATED.

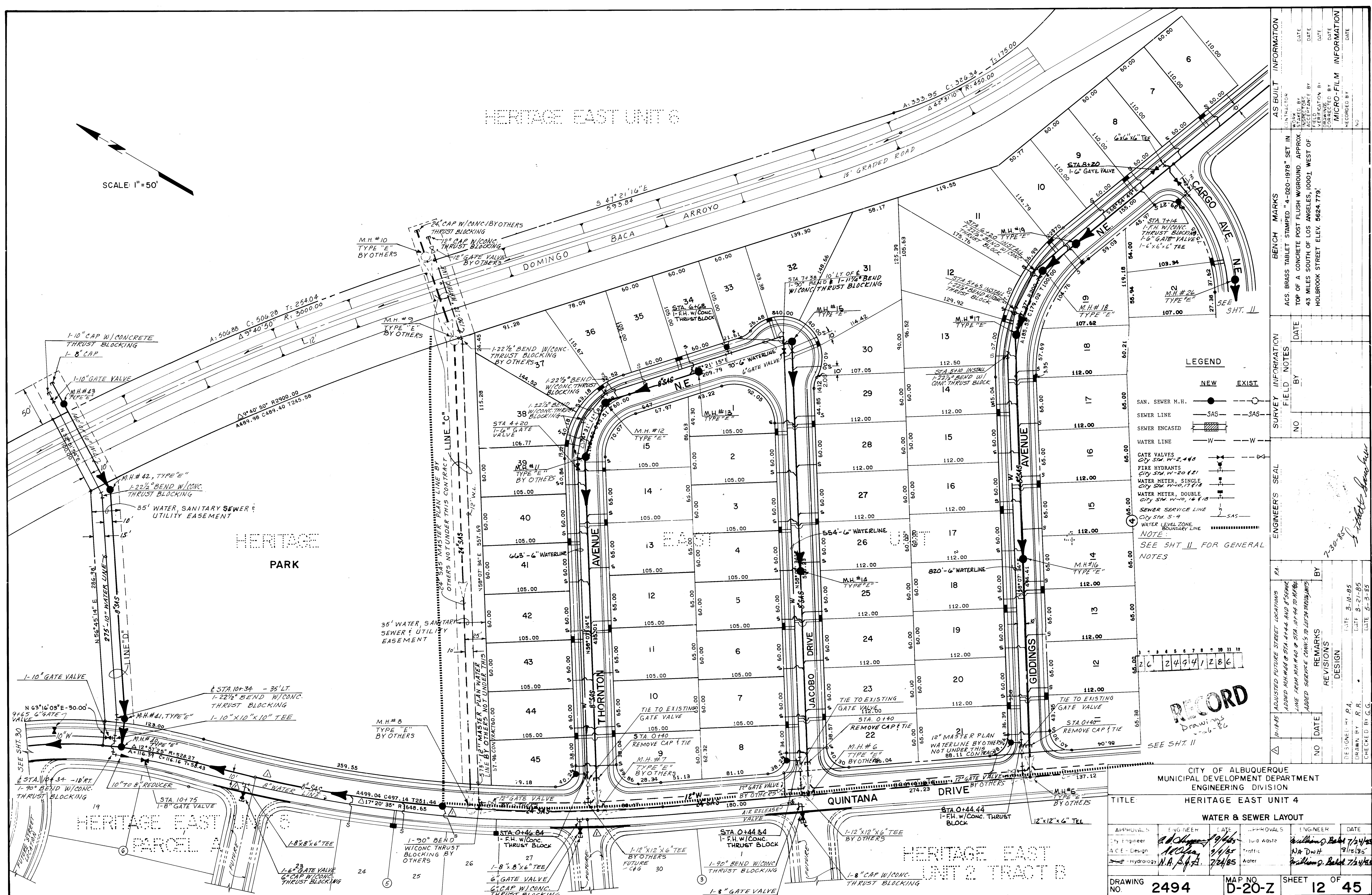
LEGEND

	NEW	EXIST.
WATER LEVEL ZONE BOUNDARY LINE	-----	-----
SAN. SEWER M.H.	●	○
SEWER LINE	—SAS—	—SAS—
SEWER ENCASED	—SAS—	—SAS—
WATER LINE	—W—	—W—
GATE VALVES	—G—	—G—
FIRE HYDRANTS	—H—	—H—
WATER METER, SINGLE	—M—	—M—
WATER METER, DOUBLE	—M—	—M—
SEWER SERVICE LINE	—SAS—	—SAS—

CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION					
TITLE: HERITAGE EAST UNIT 4 WATER & SEWER LAYOUT					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	P. J. [Signature]	7/24/85	Liquid Waste	William G. [Signature]	7/24/85
A.C.E.-Design	M. [Signature]	7/1/85	Traffic	N.A. [Signature]	7/1/85
Hydrology	N.A. [Signature]	7/24/85	Water	William G. [Signature]	7/24/85
DRAWING NO.	2494	MAP NO.	D-20-Z	SHEET	11 OF 45

SCALE: 1"=50'

HERITAGE EAST UNIT 6

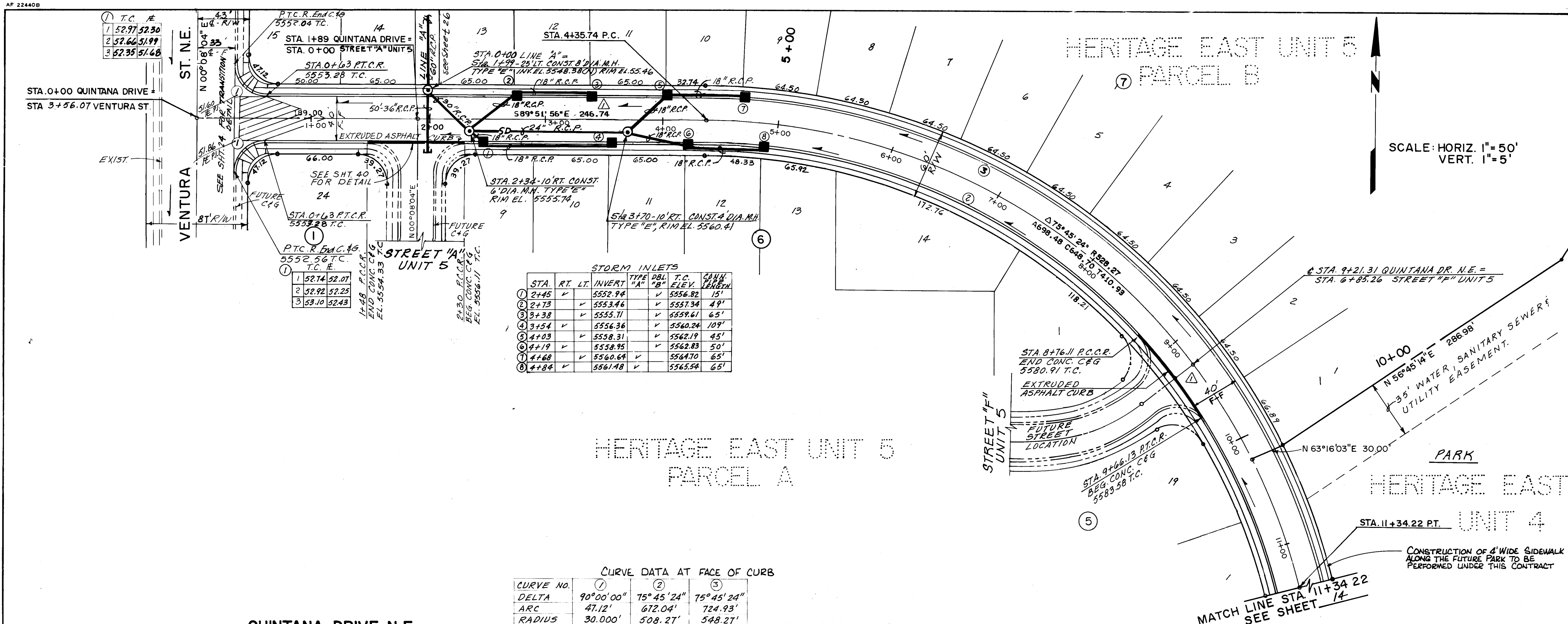


LEGEND

- NEW EXIST
- SAN. SEWER M.H. —●—
- SEWER LINE —SAS—
- SEWER ENCASED —SAS—
- WATER LINE —W—
- GATE VALVES —●—
- FIRE HYDRANTS —●—
- WATER METER, SINGLE —●—
- WATER METER, DOUBLE —●—
- SEWER SERVICE LINE —SAS—
- WATER LEVEL ZONE —●—
- BOUNDARY LINE —●—
- NOTE: SEE SHT. II FOR GENERAL NOTES

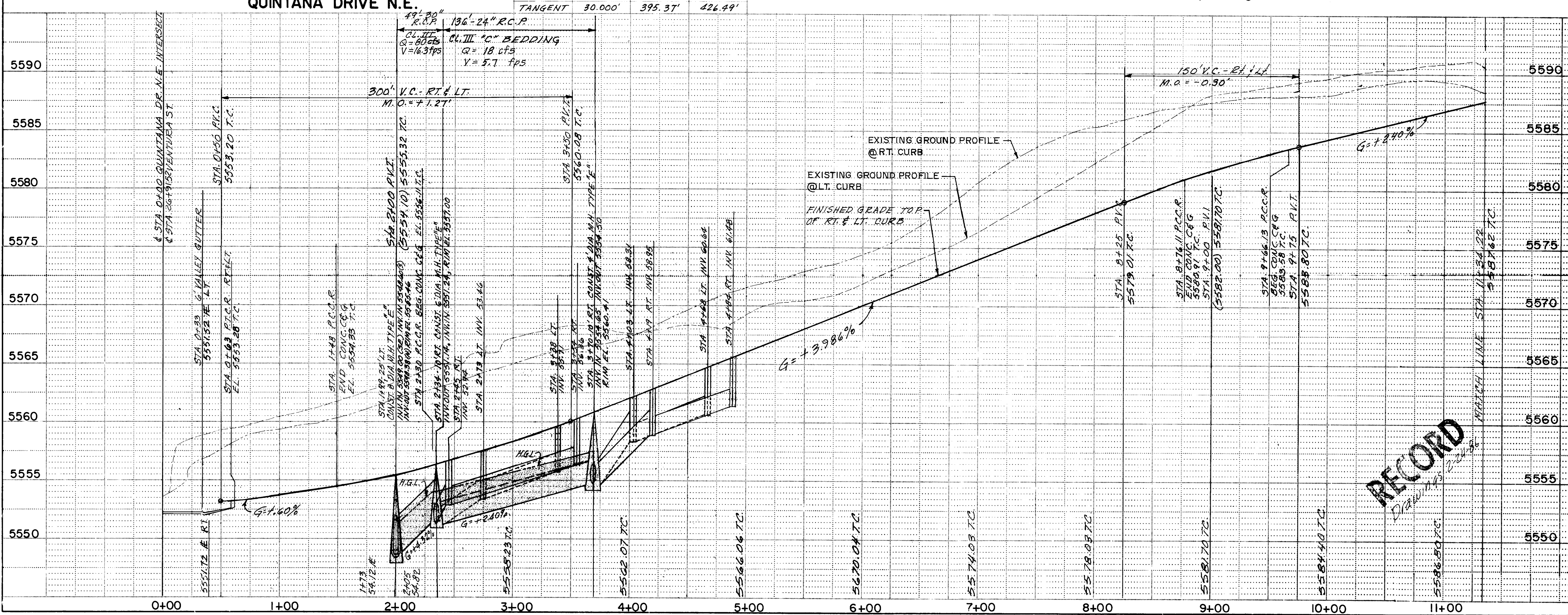
RECORD

CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION				
TITLE: HERITAGE EAST UNIT 4				
WATER & SEWER LAYOUT				
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER
City Engineer	W. J. H. H. H.	7/24/85	Public Works	William G. Baker
ACE - Design	N.A. S. S.	7/24/85	Traffic	N.A. D. H.
Hydrology	N.A. S. S.	7/24/85	Water	William G. Baker
DRAWING NO. 2494				
MAP NO. D-20-Z				
SHEET 12 OF 45				



STORM INBLTS							
STA.	R.T.	LT.	INVERT	TYPE "A"	DBL "B"	T.C. ELEV.	CORR. POS.
① 2+45			5552.94			5556.82	15'
② 2+73	✓		5553.46			5557.34	49'
③ 3+38			5553.71		✓	5558.61	65'
④ 3+54	✓		5553.36		✓	5560.24	109'
⑤ 4+03		✓	5553.31			5562.19	45'
⑥ 4+19			5553.75		✓	5562.83	50'
⑦ 4+68			5560.69		✓	5564.70	65'
⑧ 4+84			5561.48	✓		5564.54	65'

CURVE NO.	①	②	③
DELTA	90°00'00"	75°45'24"	75°45'24"
ARC	47.12'	672.04'	724.93'
RADIUS	30.000'	508.27'	548.27'
TANGENT	30.000'	395.37'	426.49'



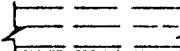
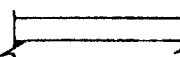
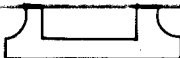
NOTE:
SEE SHT. 11 FOR GENERAL NOTES

NOTES:

1. 4' concrete sidewalks as per Section B-B, City of Albuquerque Std. Dwg. P-13-1, and concrete driveways as per City of Albuquerque Std. Dwg. P-11-1 shall be constructed on a per lot basis at the time of development.
2. Centerline monumentation to be installed by DEVELOPER prior to acceptance of paving.

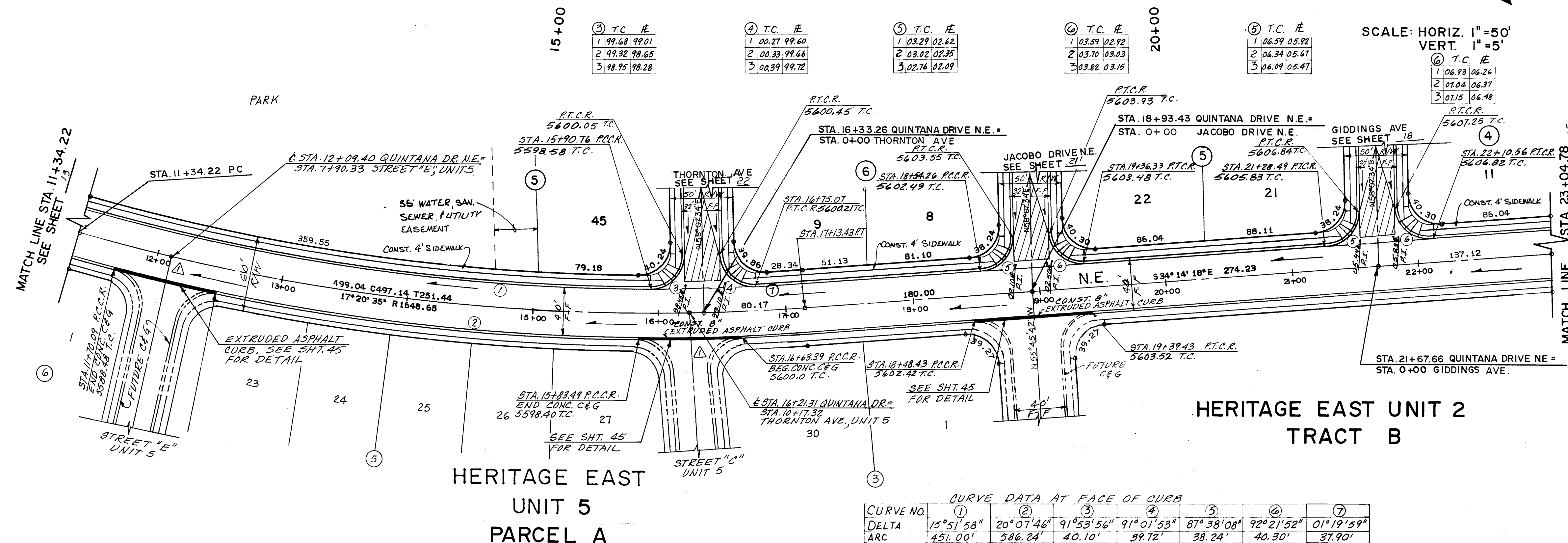
Centerline monumentation to be installed at all centerline PC's, PT's, Angle Points and Street Intersections - prior to acceptance of subdivision street improvements - will consist of a four-inch (4") aluminum alloy cap attached to a sectional aluminum rod which is driven directly into the paving surface and embedded in the sub-base. The cap and rod are connected by a fitting thread which can be removed and an additional rod section inserted to accommodate subsequent paving overlays. The cap will be stamped "CITY OF ALBUQUERQUE", "CENTERLINE MONUMENTATION", "Survey Mark", "Do Not Disturb" and "H.S. # _____". The centerline monumentation is to be set in conformance with the standards and specifications for Class 3 surveys, under the supervision of a New Mexico Registered Land Surveyor.

[illegible]

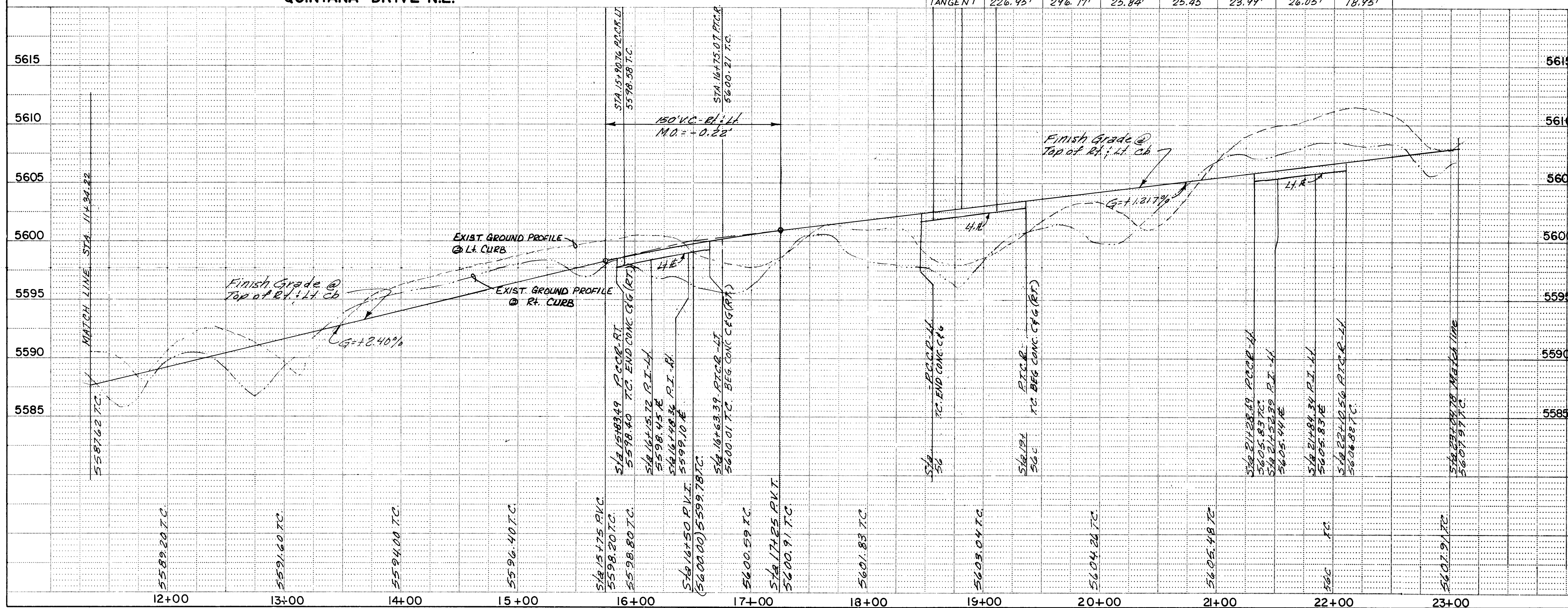
<u>LEGEND</u>	
	EXISTING CURB & GUTTER & SIDEWALK
	NEW CURB & GUTTER & SIDEWALK BY INDIVIDUAL PERMIT
	EXTRUDED ASPHALT CURB
	CROWN TRANSITION AREA
	WHEELCHAIR RAMP CITY STD. P-17-1
	FLOW DIRECTION
	VALLEY GUTTER CITY STD. P-9 (ALT. A)
	STORM INLETS CITY STD. K-1 or K-3
	STORM DRAIN MANHOLE
GATE VALVES CITY STD. W-2, 4 & 8	 --- 
FIRE HYDRANTS CITY STD. W-20 & 21	
WATER METER, SINGLE CITY STD. W-10, 17 & 18	
WATER METER, DOUBLE CITY STD. W-10, 16 & 18	
SEWER SERVICE LINE CITY STD. S-9	 --- SAS ---

CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION					
TITLE:		HERITAGE EAST UNIT 4 QUINTANA DRIVE N.E. PAVING PLAN & PROFILE			
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	9/6/85	Liquid Waste	NA <i>[Signature]</i>	7/24/85
A.C.E.-Design	<i>[Signature]</i>	9/6/85	Traffic	<i>[Signature]</i>	8/12/85
Hydrology	<i>[Signature]</i>	7/24/85	Water	NA <i>[Signature]</i>	7/24/85
DRAWING NO.		MAP NO.		SHEET OF	
2494		D-20-Z		13 45	

HERITAGE EAST UNIT 4



	CURVE DATA AT FACE OF CURB						
CURVE NO.	①	②	③	④	⑤	⑥	⑦
DELTA	15°51'58"	20°07'46"	91°53'56"	91°01'53"	87°38'08"	92°21'52"	01°19'59"
ARC	451.00'	586.24'	40.10'	99.72'	38.24'	40.30'	37.90'
RADIUS	1628.66'	1668.66'	25.00'	25.00'	25.00'	25.00'	1628.66'
TANGENT	226.95'	296.17'	25.84'	25.45'	23.99'	26.05'	18.95'



NOTES:

1. 4' concrete sidewalks as per Section B-B, City of Albuquerque Std. Dog. P-3-1, and concrete driveways as per City of Albuquerque Std. Dog. P-11-1 shall be constructed on a per lot basis at the time of development.
2. Centerline monumentation to be installed by DEVELOPER prior to acceptance of paving.

Centerline monumentation to be installed at all centerline PC's, PT's, Angle Points and Street Intersections - prior to acceptance of subdivision street improvements - will consist of a four-inch (4") aluminum alloy cap attached to a sectional aluminum rod which is driven directly into the paving surface and embedded in the sub-base. The cap and rod are connected by a floating thread so that the cap can be removed and an additional rod section inserted to accommodate subsequent paving overlays. The cap will be stamped "CITY OF ALBUQUERQUE", "CENTERLINE MONUMENTATION", "Survey Marker", "Do Not Disturb", "L.S. # ----".

The centerline monumentation is to be set in conformance with standards and specifications for Class 3 surveys, under the supervision of a New Mexico Registered Land Surveyor.

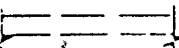
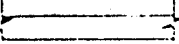
BENCH MARKS	AS BUILT INFORMATION
ACS. BRASS TABLET STAMPED "A-020-1978" SET IN TOP OF A CONCRETE POST FLUSH W/GROUND. APPROX 43 MILES SOUTH OF LOS ANGELES, 10001. WEST OF HOLBROOK STREET ELEV. 5624.779.	CONTRACTOR WORKED BY INSPECTED BY ACCEPTANCE BY DATE VERIFICATION BY DATE DRAWINGS SUBMITTED BY DATE <i>MICRO-FILM INFORMATION</i> RECORDED BY DATE NO

[illegible]

NOTE:

SEE SHT. II FOR GENERAL NOTES

LEGEND

	EXISTING CURB & GUTTER & SIDEWALK
	NEW CURB & GUTTER & SIDEWALK BY INDIVIDUAL PERMIT
	EXTRUDED ASPHALT CURB
	CROWN TRANSITION AREA
	WHEELCHAIR RAMP CITY STD. P. 17-1
	FLOW DIRECTION

VALLEY GUTTER
CITY STD. P.9-1 (ALFA)

RECORD
Drawings 2-24-86

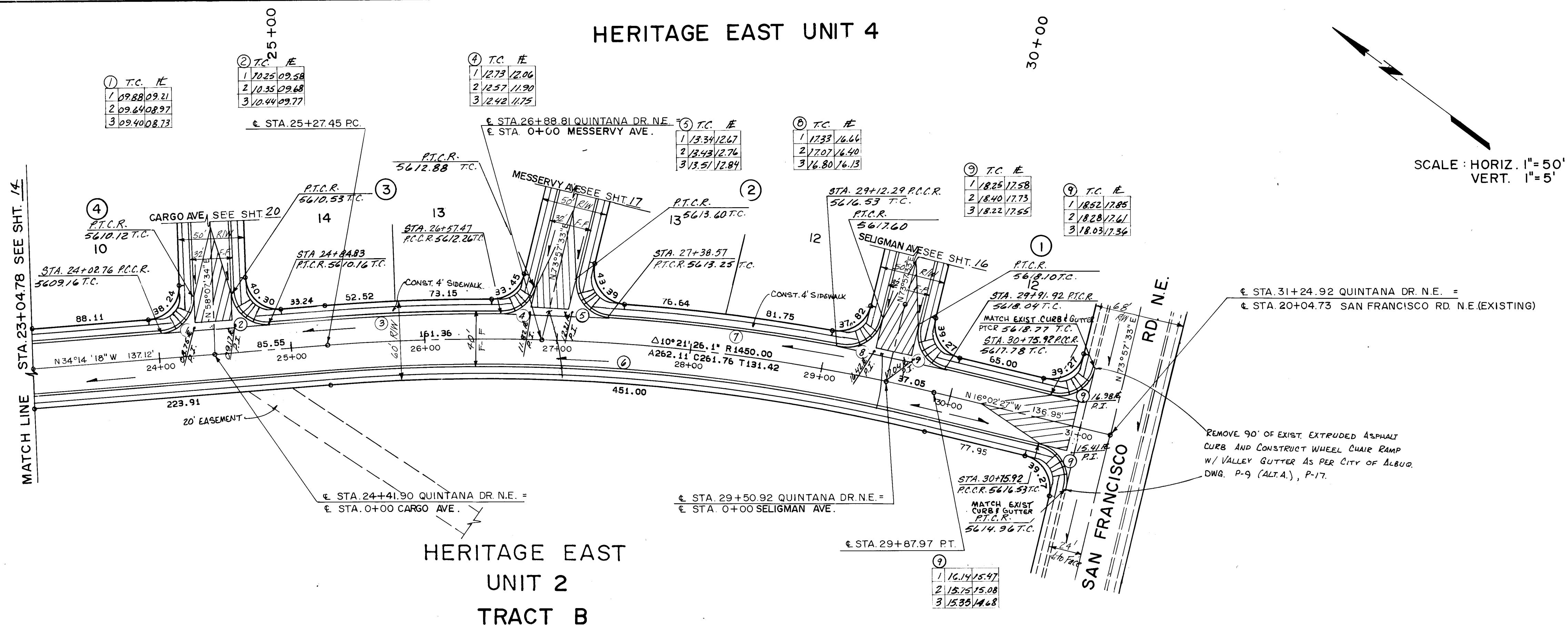
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE:	HERITAGE EAST UNIT 4 QUINTANA DRIVE N.E. PAVING PLAN & PROFILE
--------	--

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>R. L. Hopper</i>	<i>9/1/85</i>	Liquid Waste	<i>NA</i>	<i>3/24/85</i>
A.C.E. - Design	<i>NA</i>	<i>9/1/85</i>	Traffic	<i>David W. H.</i>	<i>9/1/85</i>
A.C.E. - Hydrology	<i>B. L. Gooden</i>	<i>7/24/85</i>	Water	<i>NA</i>	<i>3/24/85</i>

DRAWING NO.	2494	MAP NO.	D-20-Z	SHEET	14	OF	45
-------------	------	---------	--------	-------	----	----	----

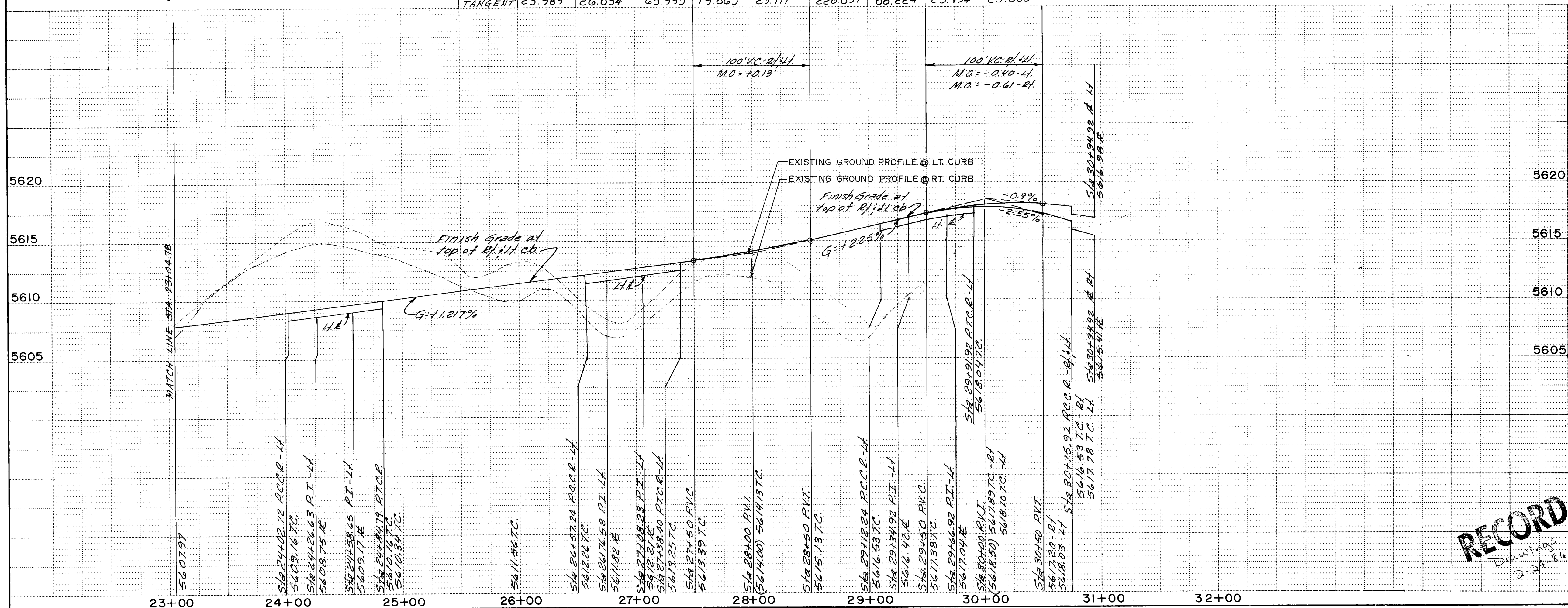
HERITAGE EAST UNIT 4



HERITAGE EAST UNIT 2 TRACT B

CURVE NO.	1	2	3	4	5	6	7	8	9
DELTA	87°38'08"	92°21'52"	05°08'15"	76°54'24"	99°51'18"	18°11'51"	06°51'52"	87°00'27"	90°00'00"
ARC	38.238	40.302	131.902	33.571	43.570	453.859	176.236	37.96	39.270
RADIUS	25.000	25.000	1471.000	25.000	25.000	1429.000	1471.000	25.000	25.000
TANGENT	23.989	26.054	65.995	19.865	29.717	228.857	88.224	23.734	25.000

QUINTANA DRIVE N.E.



NOTES:

1. Centerline monumentation to be installed by DEVELOPER prior to acceptance of paving.

Centerline monumentation to be installed at all centerline PC's, PT's, Angle Points and Street Intersections - prior to acceptance of subdivision street improvements - will consist of a four-inch (4") aluminum alloy cap attached to a sectional aluminum rod which is driven directly into the paving surface and embedded in the sub-base. The cap and rod are connected by a floating thread so that the cap can be removed and an additional rod section inserted to accommodate subsequent paving overlays. The cap will be stamped "CITY OF ALBUQUERQUE", "Centerline Monumentation", "Survey Marker", "Do Not Disturb", "LS # ---". The centerline monumentation is to be set in conformance with the standards and specifications for Class 3 surveys, under the supervision of a New Mexico Registered Land Surveyor.

LEGEND

- EXISTING CURB & GUTTER & SIDEWALK
- NEW CURB & GUTTER & SIDEWALK BY INDIVIDUAL PERMITS CITY STD. P.13 EXTRUDED ASPHALT CURB
- CROWN TRANSITION AREA
- WHEELCHAIR RAMP CITY STD. P.17-1
- FLOW DIRECTION
- VALLEY GUTTER CITY STD. P.9-1 (ALT.-A)

NOTE: SEE SHT. II FOR GENERAL NOTES

1	2	3	4	5	6	7	8	9	10	11	12
2	3	4	4	1	5	8	6				

CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION

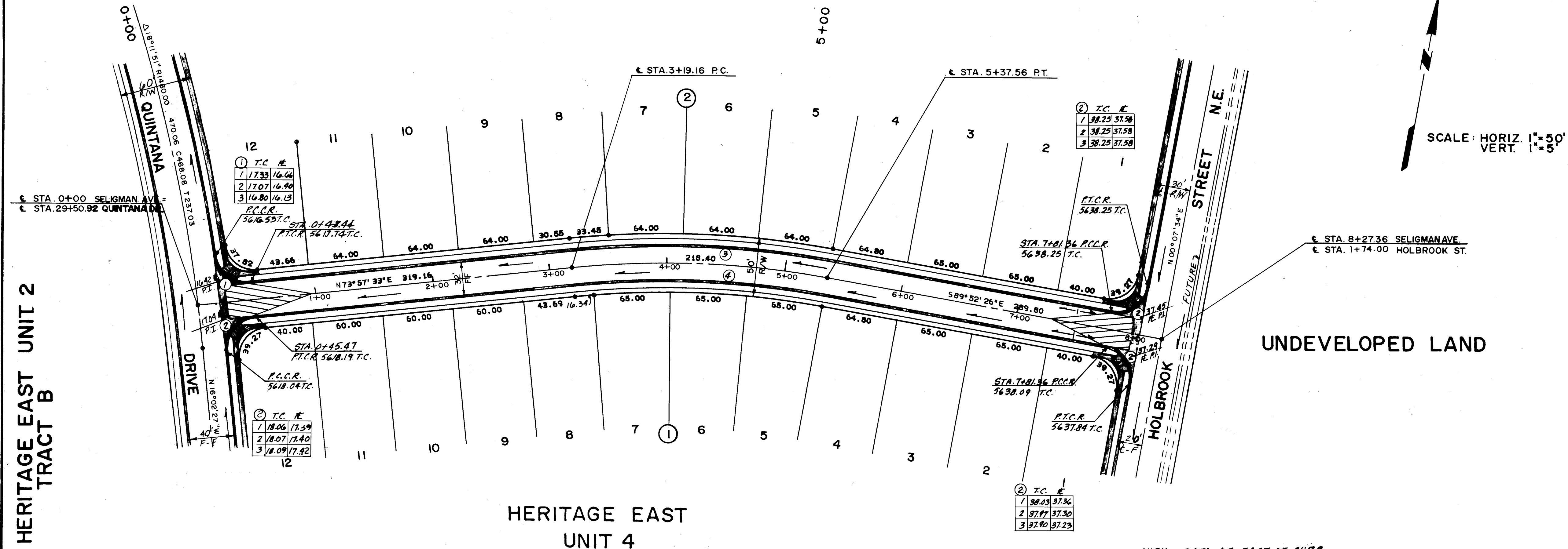
TITLE: HERITAGE EAST UNIT 4
QUINTANA DRIVE N.E.
PAVING PLAN & PROFILE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	7/24/85	Liquid Waste	NA	7/24/85
ACE Design	<i>[Signature]</i>	7/24/85	Traffic	<i>[Signature]</i>	7/24/85
Hydrology	<i>[Signature]</i>	7/24/85	Water	NA	7/24/85

DRAWING NO.	2494	MAP NO.	D-20-Z	SHEET	15	OF	45
-------------	------	---------	--------	-------	----	----	----

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	WORK BY	DATE	NO.	BY	DATE	REMARKS	BY
ACCS. BRASS TABLE STAMPED "4-DEG-1978" SET IN TOP OF A CONCRETE POST FLUSH W/GROUND. APPROX. 43 MILES SOUTH OF LOS ANGELES, 10001 WEST OF HOLBROOK STREET ELEV. 5624.779.							
MICRO-FILM INFORMATION		REVISIONS		DESIGN		DATE	
RECORDED BY	NO.	NO.	DATE	NO.	DATE	DESIGNED BY	DATE
						P.A.	3-20-85
						B.G.	3-27-85
						G.G.	5-3-85

RECORD

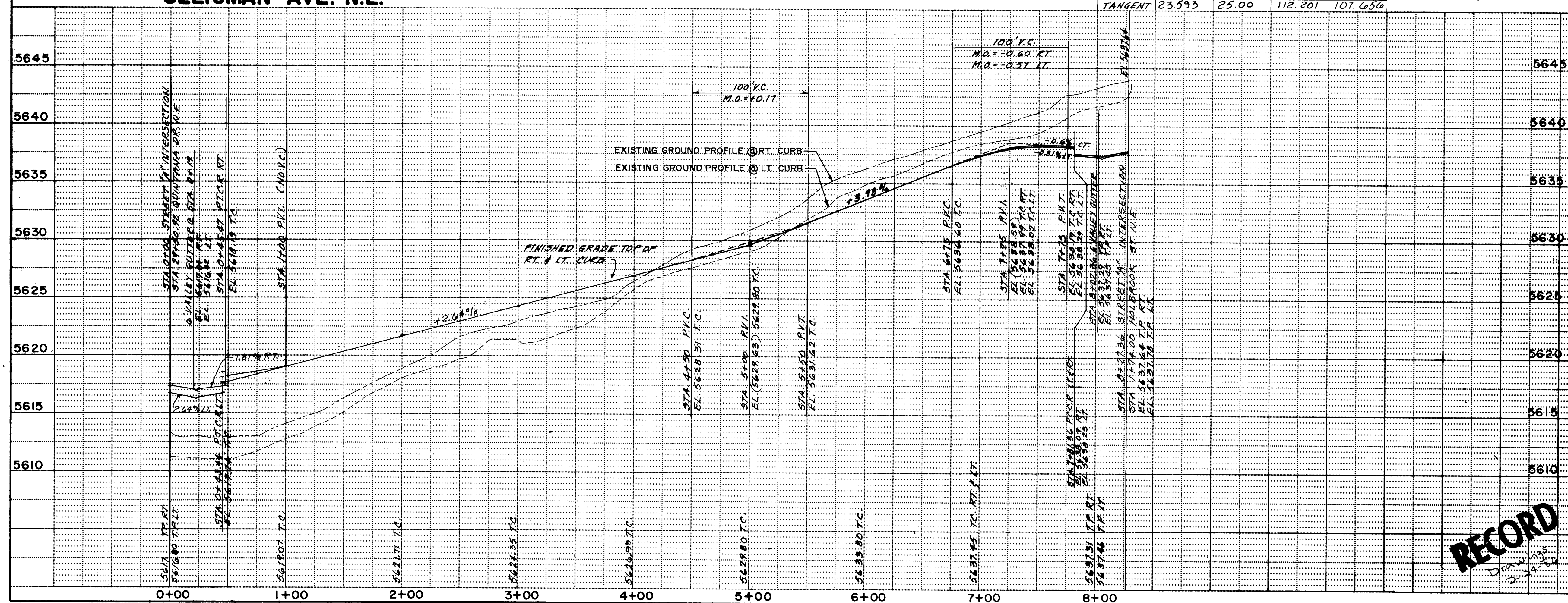
HERITAGE EAST UNIT 2
TRACT B

SELIGMAN AVE. N.E.

HERITAGE EAST
UNIT 4

CURVE DATA AT FACE OF CURB

CURVE NO.	1	2	3	4
DELTA	86°41'03"	90°00'00"	16°10'01"	16°10'01"
ARC	37.823	39.270	222.911	213.882
RADIUS	25.00	25.00	790.000	758.000
TANGENT	23.593	25.00	112.201	107.650



NOTES:

- 4' concrete sidewalks as per Section B-8, City of Albuquerque Std. Dwg. P-13-1, and concrete driveways as per City of Albuquerque Std. Dwg. P-11-1 shall be constructed on a per lot basis at the time of development.
- Centerline monumentation to be installed by DEVELOPER prior to acceptance of paving.

Centerline monumentation to be installed at all centerline PC's, PT's, Angle Points and Street Intersections - prior to acceptance of subdivision street improvements - will consist of a four-inch (4") aluminum alloy cap attached to a sectional aluminum rod which is driven directly into the paving surface and embedded in the sub-base. The cap and rod are connected by a floating thread so that the cap can be removed and an additional rod section inserted to accommodate subsequent paving overlays. The cap will be stamped "CITY OF ALBUQUERQUE", "CENTERLINE MONUMENTATION", "Survey Marker", "Do Not Disturb", "LS # ----". The centerline monumentation is to be set in conformance with the standards and specifications for Class 3 surveys, under the supervision of a New Mexico Registered Land Surveyor.

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

UNDEVELOPED LAND

LEGEND

- EXISTING CURB & GUTTER & SIDEWALK
- NEW CURB & GUTTER & SIDEWALK BY INDIVIDUAL PERMIT
- EXTRUDED ASPHALT CURB
- CROWN TRANSITION AREA
- WHEELCHAIR RAMP CITY STD. P-17-1
- FLOW DIRECTION
- VALLEY GUTTER CITY STD. P-17-1 (ALT. A)

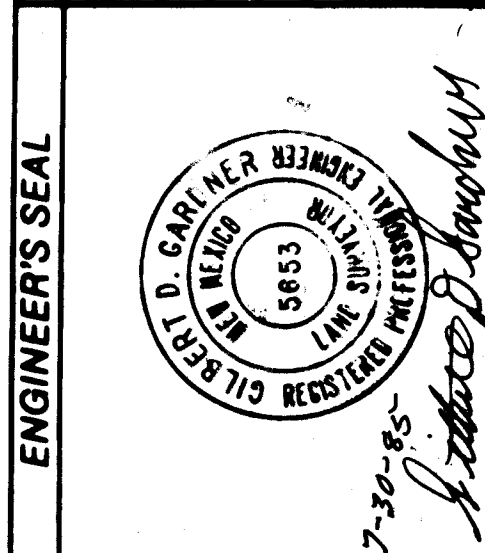
NOTE:
SEE SHT. 11 FOR GENERAL NOTES1 2 3 4 5 6 7 8 9 10 11 12
26 24 94 16 86CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISIONTITLE: HERITAGE EAST UNIT 4
SELIGMAN AVE. N.E.
PAVING PLAN & PROFILE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
CITY Engineer	5.8.10/10/10	7/1/10	Liquid Waste	NA 2/2/10	7/1/10
A.C.E. Design	11/1/10	7/1/10	Traffic	NA 2/2/10	7/1/10
Water Hydrology	11/1/10	7/1/10	Water	NA 2/2/10	7/1/10

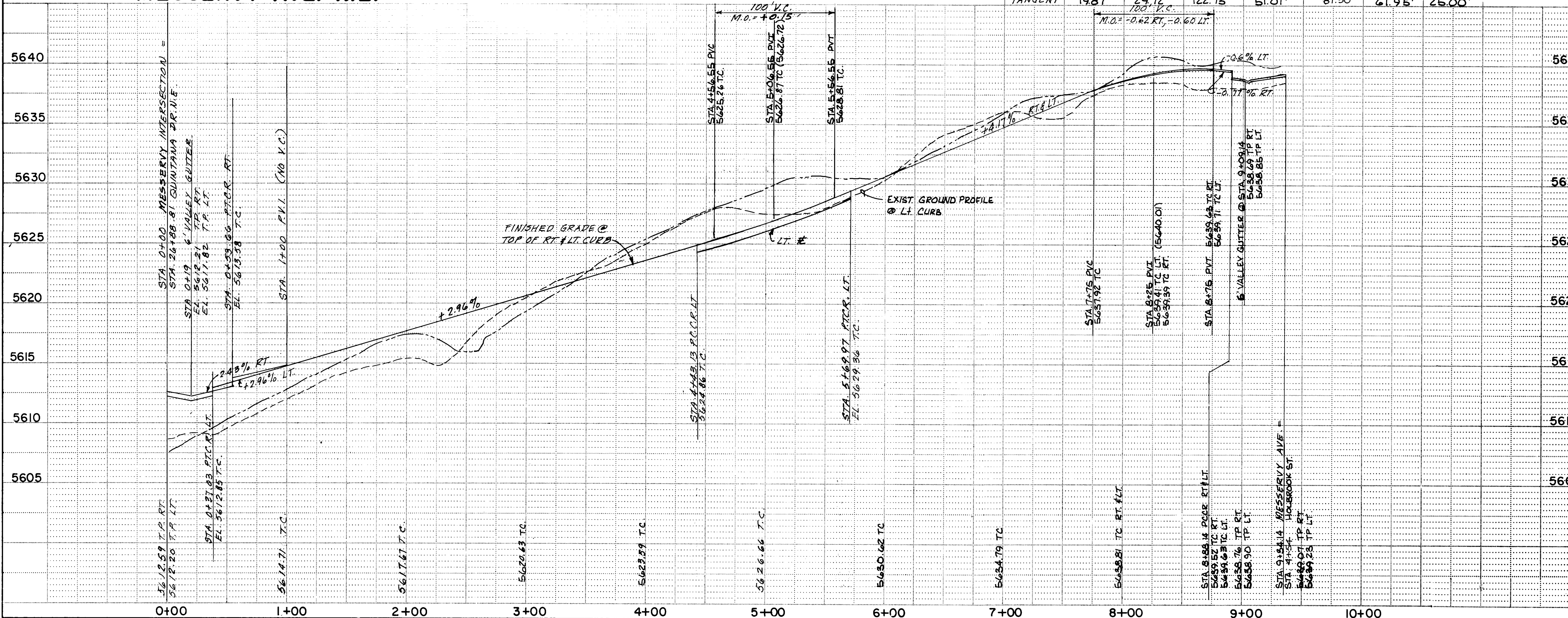
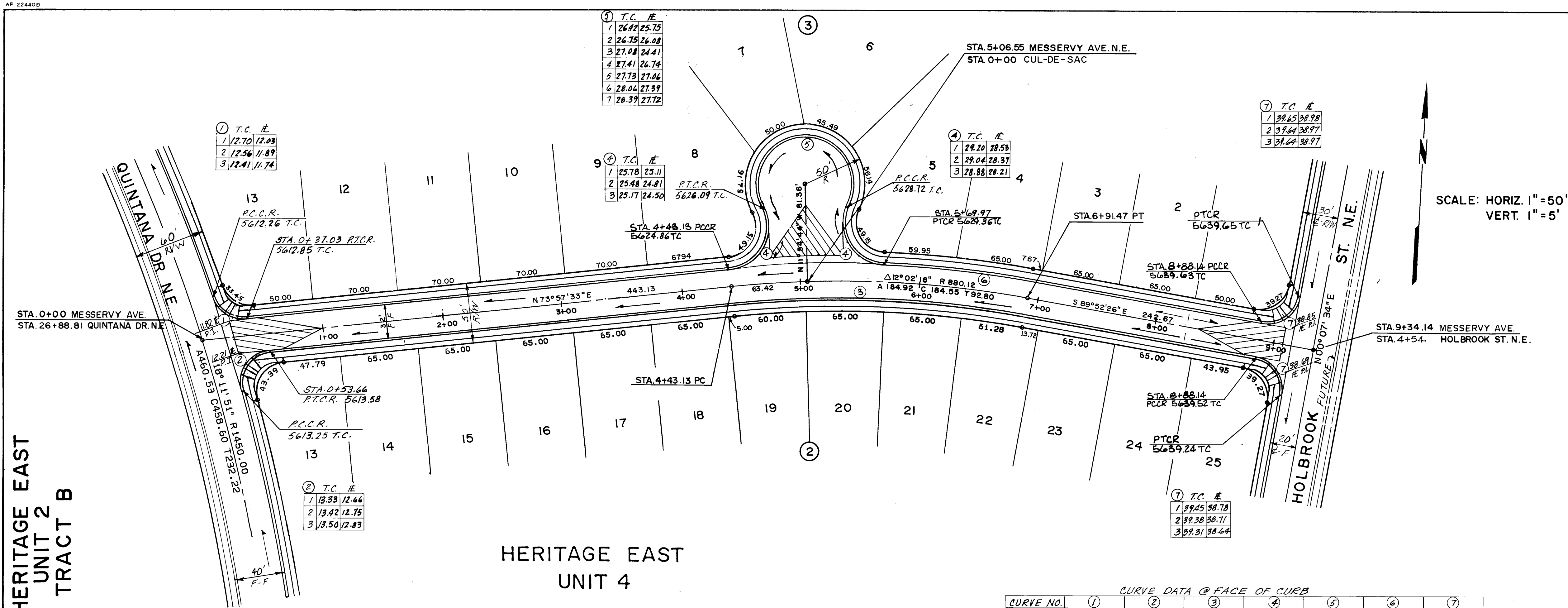
DRAWING NO. 2494

MAP NO. D-20-Z

SHEET 16

REVISIONS
NO. DATE
1 2 3 4 5 6 7 8 9 10 11 12
26 24 94 16 86

HERITAGE EAST
UNIT 2
TRACT B



- 4' concrete sidewalks as per Section B-8, City of Albuquerque Std. Dwg. P-13-1, and concrete driveways as per City of Albuquerque Std. Dwg. P-11-1 shall be constructed on a per lot basis at the time of development.
 - Centerline monumentation to be installed by DEVELOPER prior to acceptance of paving.
- Centerline monumentation to be installed at all centerline PC's, PT's, Angle Points and Street Intersections - prior to acceptance of subdivision street improvements - will consist of a four-inch (4") aluminum alloy cap attached to a sectional aluminum rod which is driven directly into the paving surface and embedded in the sub-base. The cap and rod are connected by a floating thread so that the cap can be removed and an additional rod section inserted to accommodate subsequent paving overlays. The cap will be stamped "CITY OF ALBUQUERQUE", "CENTERLINE MONUMENTATION", "Survey Marker", "Do Not Disturb", "I.S. # ----". The centerline monumentation is to be set in conformance with the standards and specifications for Class 3 surveys, under the supervision of a New Mexico Registered Land Surveyor.

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

CURVE NO.	1	2	3	4	5	6	7
DELTA	76°56'24"	99°51'18"	16°10'01"	112°38'02"	233°31'30"	07°54'34"	90°00'00"
ARC	33.57'	43.57'	243.82'	66.84'	167.11'	123.71'	39.27'
RADIUS	25.00'	25.00'	864.12'	34.00'	41.00'	896.12'	25.00'
TANGENT	19.87'	29.72'	122.75'	51.01'	81.30'	61.95'	25.00'

LEGEND

- EXISTING CURB & GUTTER & SIDEWALK
- NEW CURB & GUTTER & SIDEWALK BY INDIVIDUAL PERMIT
- EXTRUDED ASPHALT CURB
- CROWN TRANSITION AREA
- WHEELCHAIR RAMP CITY STD. P-7-1
- FLOW DIRECTION
- VALLEY GUTTER CITY STD. P-9-1 (ALT.-A)

NOTE:
SEE SHT. 11 FOR GENERAL NOTES.

RECORD
Drawings 2-24-85

CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION					
TITLE: HERITAGE EAST UNIT 4 MESSERVY AVE. N.E. PAVING PLAN & PROFILE					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	7/24/85	Liquid Waste	NA	7/24/85
A.C.E. Design	<i>[Signature]</i>	7/24/85	Traffic	NA	7/24/85
Hydrology	<i>[Signature]</i>	7/24/85	Water	NA	7/24/85

AS BUILT INFORMATION

CONTRACTOR: _____

DATE: _____

INSPECTOR: _____

DATE: _____

ACCEPTANCE BY: _____

DATE: _____

VERIFICATION BY: _____

DATE: _____

DRAWING NO. _____

DATE: _____

RECORDED BY: _____

NO. _____

ENGINEER'S SEAL

BY: *[Signature]*

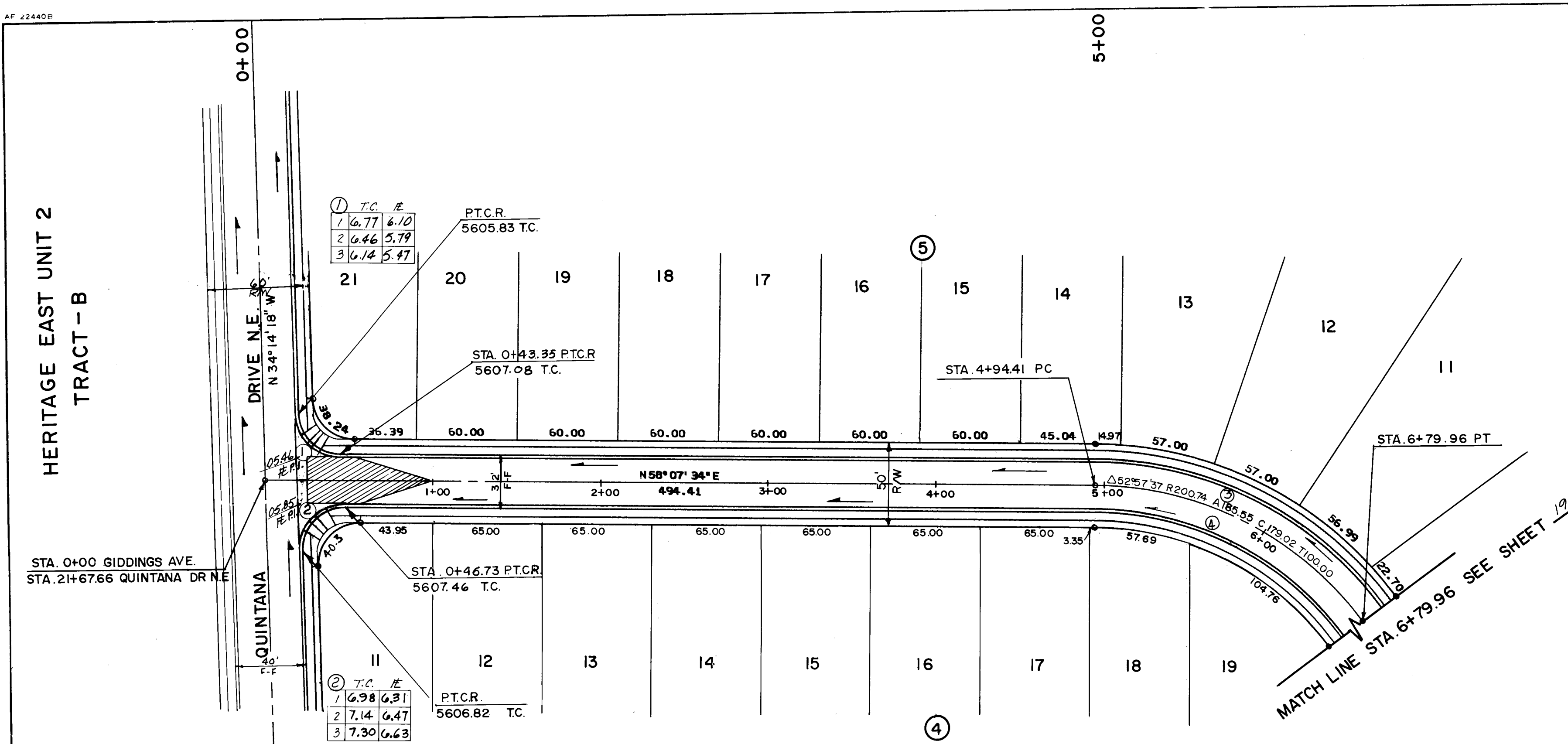
DATE: 3-23-85

DATE: 3-28-85

DATE: 5-3-85

AF 22440B

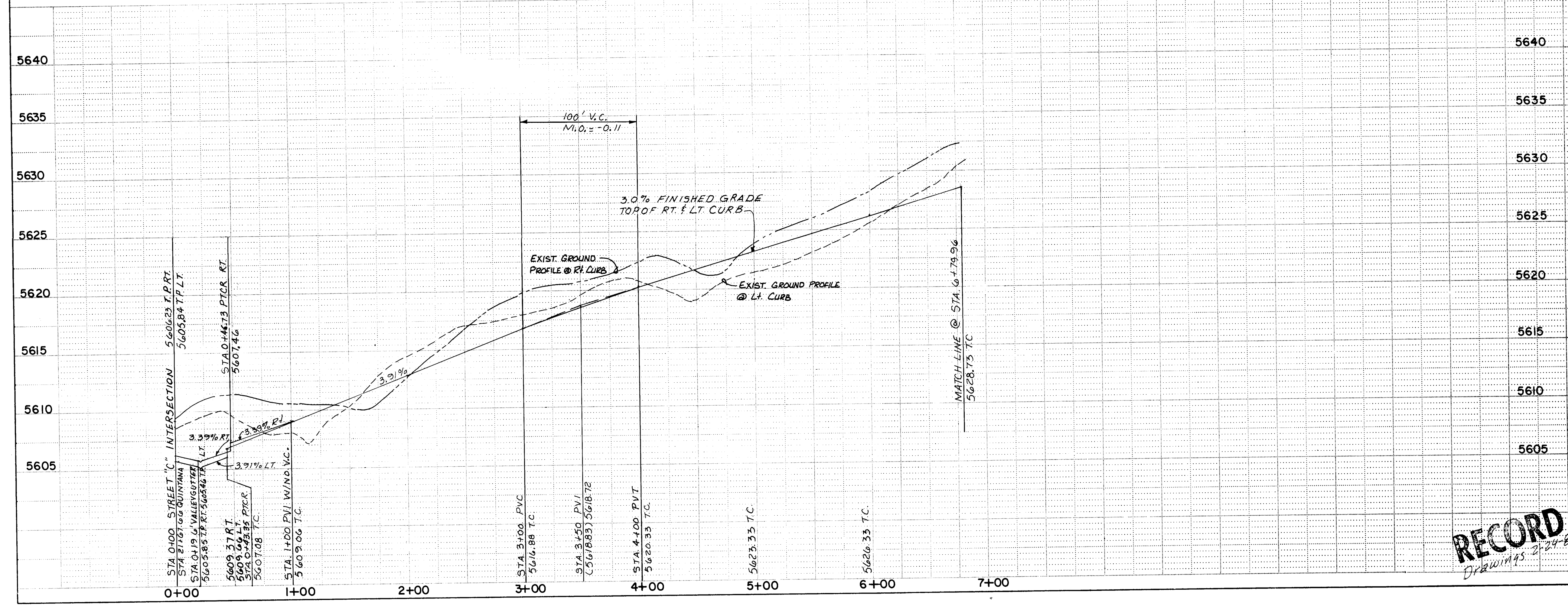
HERITAGE EAST UNIT 2
TRACT - B



HERITAGE EAST
UNIT 4

GIDDINGS AVE. N.E.

CURVE DATA AT FACE OF CURB				
CURVE NO.	①	②	③	④
DELTA	87°38'08"	92°21'52"	52°57'37"	52°57'37"
ARC	38.238	40.302	200.343	170.764
RADIUS	25.000	25.000	216.743	184.743
TANGENT	23.989	26.034	107.970	92.030



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

- NOTES:
- 4' concrete sidewalks as per Section B-B, City of Albuquerque Std. Dwg. P-13-1, and concrete driveways as per City of Albuquerque Std. Dwg. P-11-1 shall be constructed on a per lot basis at the time of development.
 - Centerline monumentation to be installed by DEVELOPER prior to acceptance of paving.

Centerline monumentation to be installed at all centerline PC's, PT's, Angle Points and Street Intersections - prior to acceptance of subdivision street improvements - will consist of a four-inch (4") aluminum alloy cap attached to a sectional aluminum rod which is driven directly into the paving surface and embedded in the sub-base. The cap and rod are connected by a floating thread so that the cap can be removed and an additional rod section inserted to accommodate subsequent paving overlays. The cap will be stamped "CITY OF ALBUQUERQUE", "CENTERLINE MONUMENTATION", "Survey Marker", "Do Not Disturb", "IS # ----". The centerline monumentation is to be set in conformance with the standards and specifications for Class 3 surveys, under the supervision of a New Mexico Registered Land Surveyor.

LEGEND

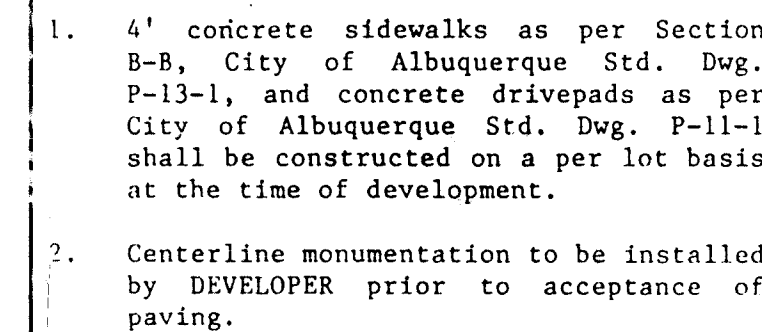
- EXISTING CURB & GUTTER & SIDEWALK
- NEW CURB & GUTTER & SIDEWALK BY INDIVIDUAL PERMIT
- EXTRUDED ASPHALT CURB
- CROWN TRANSITION AREA
- WHEELCHAIR RAMP CITY STD. P-17-1
- FLOW DIRECTION
- VALLEY GUTTER (CITY STD. P-9-1) (ALT. A)

NOTE:
SEE SHT. 11 FOR GENERAL NOTES.

1	2	3	4	5	6	7	8	9	10	11	12
26	24	9	4	1	8	8	6				

CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION			
TITLE: HERITAGE EAST UNIT 4 GIDDINGS AVE. N.E. PAVING PLAN & PROFILE			
APPROVALS	ENGINEER	DATE	APPROVALS
City Engineer	<i>[Signature]</i>	7/24/85	Liquid Waste
A.C.E. - Design	<i>[Signature]</i>	7/24/85	Traffic
Hydrology	<i>[Signature]</i>	7/24/85	Water
DESIGNED BY	PA	DATE	3-27-85
DRAWN BY	M.V.	DATE	4-1-85
CHECKED BY	G.G.	DATE	5-3-85
NO.	DATE	REVISIONS	BY
		DESIGN	

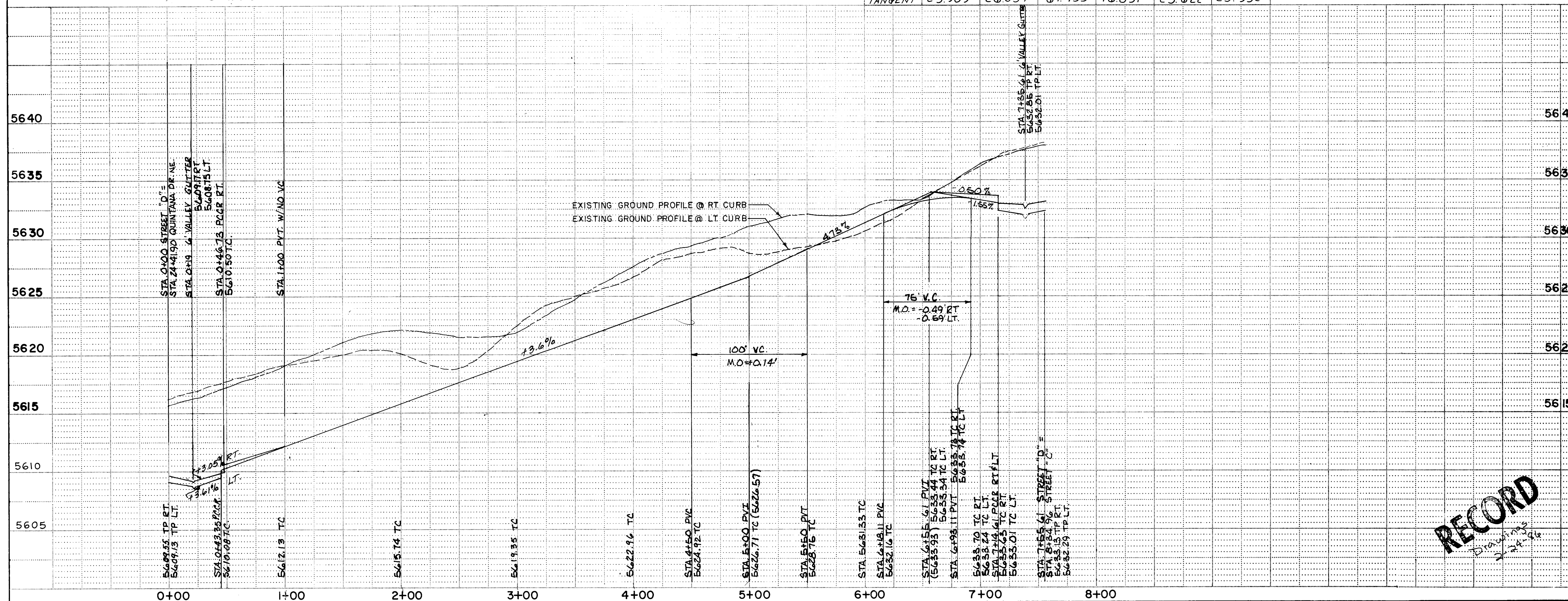
RECORD
Drawings 2-24-86



Centerline monumentation to be installed at all centerline PC's, PT's, Angle Points and Street Intersections - prior to acceptance of subdivision street improvements - will consist of a four-inch (4") aluminum alloy cap attached to a sectional aluminum rod which is driven directly into the paving surface and embedded in the sub-base. The cap and rod are connected by a floating thread so that the cap can be removed and an additional rod section inserted to accommodate subsequent paving overlays. The cap will be stamped "CITY OF ALBUQUERQUE", "CENTERLINE MONUMENTATION", "Survey Marker", "Do Not Disturb", "I.S # ----". The centerline monumentation is to be subject to the standards and specifications for Class 3 Surveys, under the supervision of a New Mexico Registered Land Surveyor.

[illegible]

CURVE DATA AT FACE OF CURB						
CURVE NO.	(1)	(2)	(3)	(4)	(5)	(6)
DELTA	87°38'08"	92°21'52"	40°17'12"	39°10'51"	273°14'49"	92°08'22"
ARC	38.238	40.302	129.306	147.639	119.227	40.204
RADIUS	25.000	25.000	183.898	215.898	25.000	25.000
TANGENT	23.989	26.054	67.455	76.837	23.622	25.952



LEGEND

0 EXISTING CURB & GUTTER & SIDEWALK

5 NEW CURB & GUTTER & SIDEWALK BY INDIVIDUAL PERMIT

EXTRUDED ASPHALT CURB

CROWN TRANSITION AREA

0 WHEELCHAIR RAMP
CITY STD. P.17-1

3 FLOW DIRECTION

VALLEY GUTTER
CITY STD. P.9-1 (ALT.-A)

NOTE:
SEE SHT. 11 FOR GENERAL NOTES

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

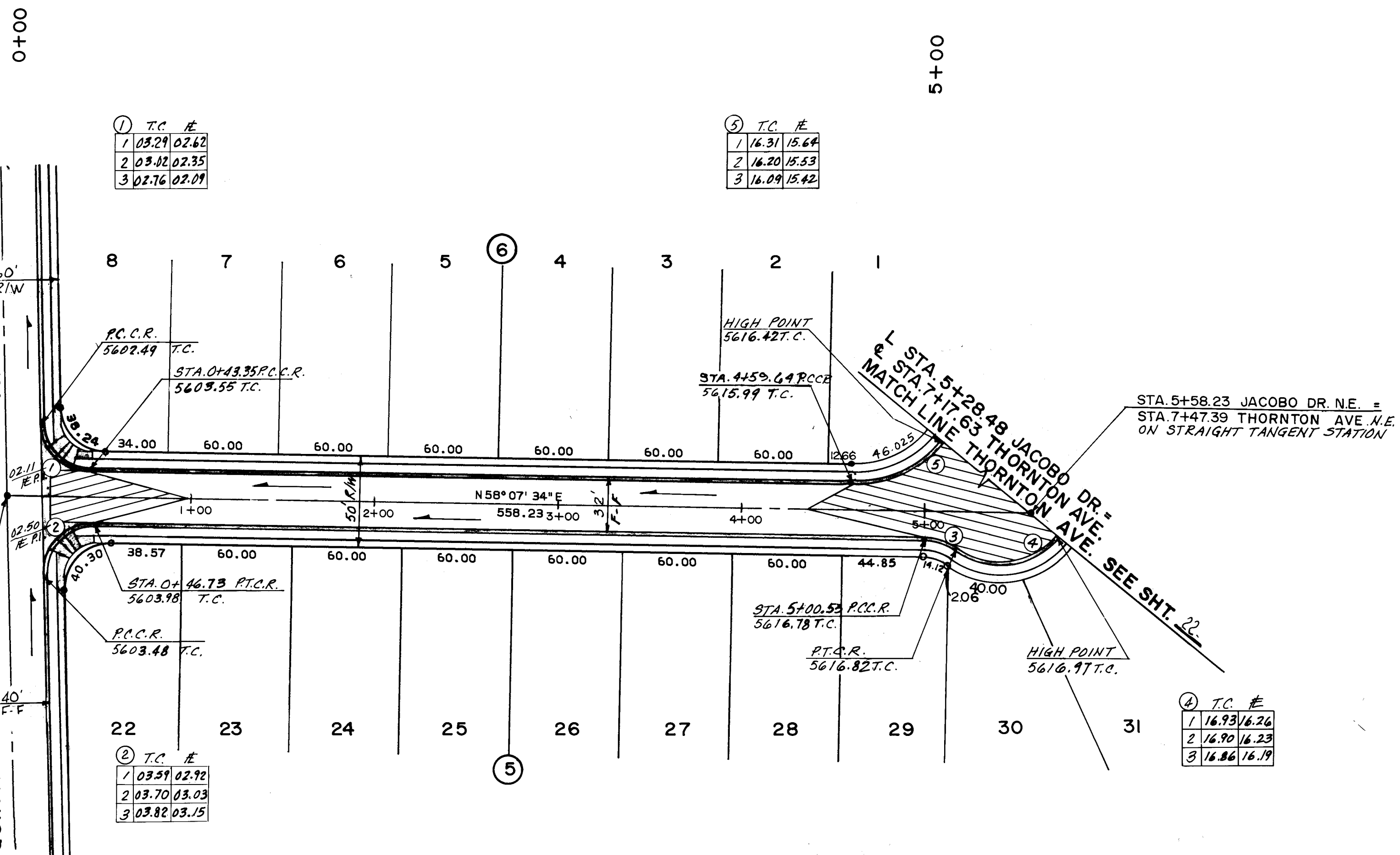
TITLE:	HERITAGE EAST UNIT CARGO AVE. N.E. PAVING PLAN & PROFILE
--------	--

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	9/1/85	Liquid Waste	NA 300 B	7/24/85
A.C.E. - Design	<i>[Signature]</i>	9/1/85	Traffic	<i>[Signature]</i>	8/12/85
State - Hydrology	<i>[Signature]</i>	7/24/85	Water	NA 300 B	7/24/85

DRAWING NO.	2494	MAP NO.	D-20-Z	SHEET	OF	20	45
----------------	------	---------	--------	-------	----	----	----

HERITAGE EAST
UNIT 5
PARCEL A

HERITAGE EAST
UNIT 2
TRACT B

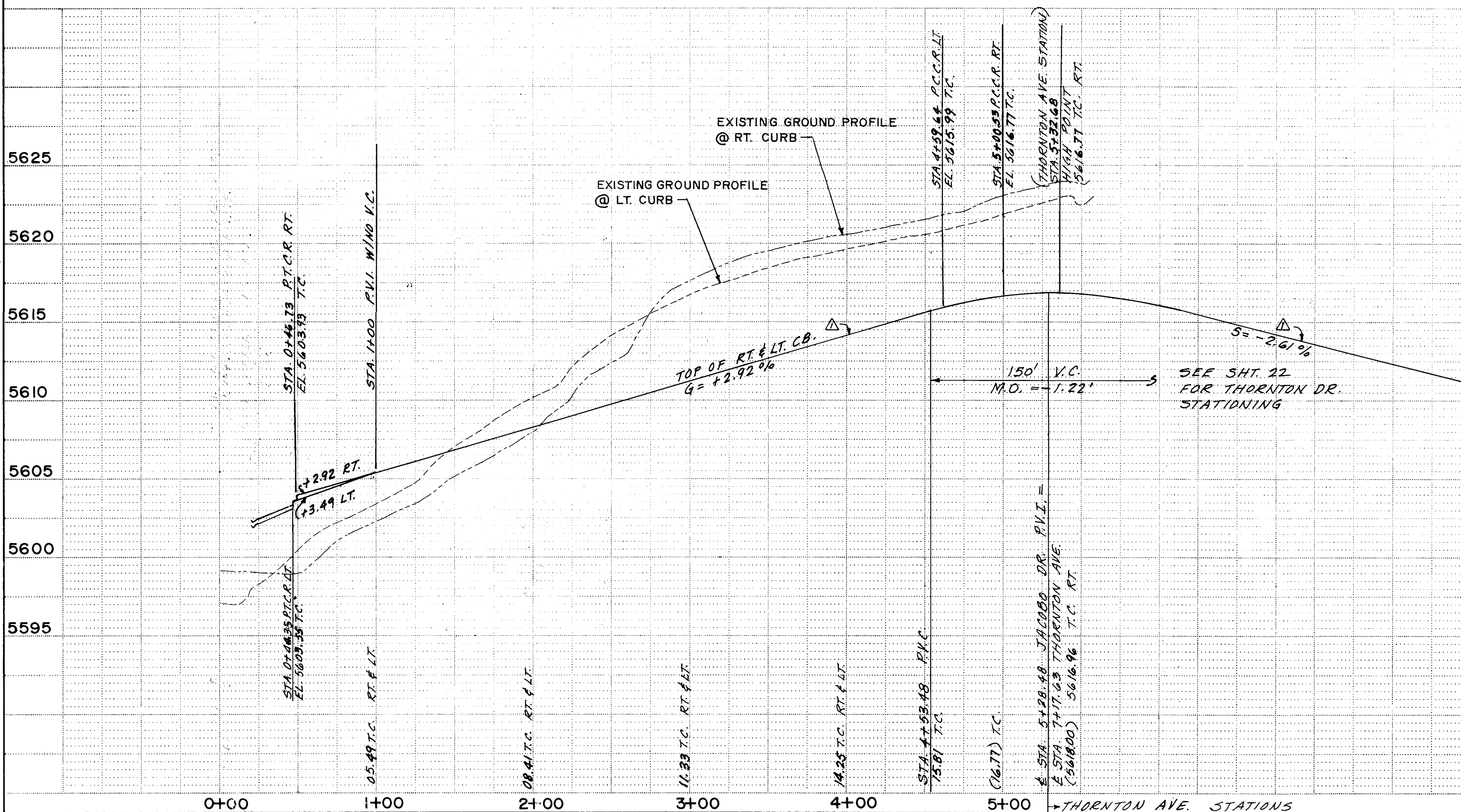


HERITAGE EAST
UNIT 4

JACOBO DRIVE N.E.

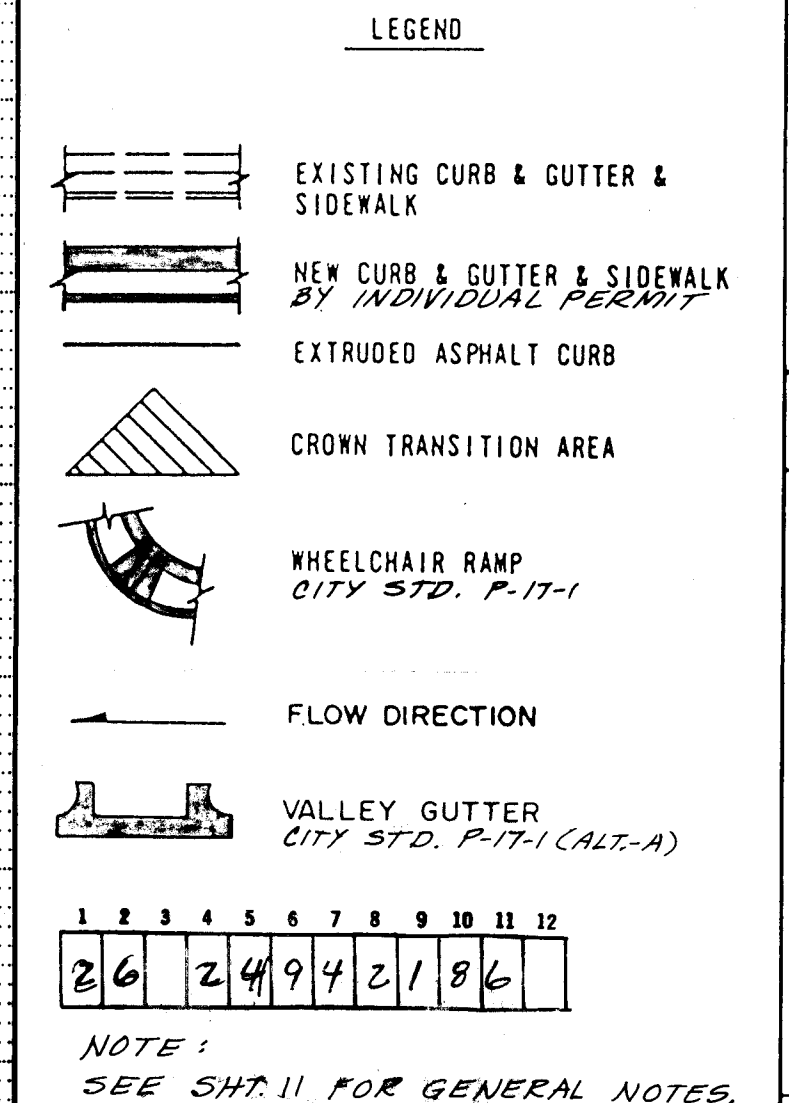
CURVE DATA @ FACE OF CURB

CURVE NO.	1	2	3	4	5
DELTA	87°38'08"	92°21'52"	52°22'13"	85°06'37"	52°44'24"
ARC	58.24'	40.50'	19.21'	60.91'	54.31'
RADIUS	26.00'	26.00'	54.00'	41.00'	59.00'
TANGENT	23.99'	26.05'	9.87'	37.64'	29.25'



- 4' concrete sidewalks as per Section B-B, City of Albuquerque Std. Dwg. P-13-1, and concrete driveways as per City of Albuquerque Std. Dwg. P-11-1 shall be constructed on a per lot basis at the time of development.
- Centerline monumentation to be installed by DEVELOPER prior to acceptance of paving.

Centerline monumentation to be installed at all centerline PC's, PT's, Angle Points and Street Intersections - prior to acceptance of subdivision street improvements - will consist of a four-inch (4") aluminum alloy cap attached to a sectional aluminum rod which is driven directly into the paving surface and embedded in the sub-base. The cap and rod are connected by a floating thread so that the cap can be removed and an additional rod section inserted to accommodate subsequent paving overlays. The cap will be stamped "CITY OF ALBUQUERQUE", "CENTERLINE MONUMENTATION", "Survey Marker", "Do Not Disturb", "IS # ---". The centerline monumentation is to be set in conformance with the standards and specifications for Class 3 surveys, under the supervision of a New Mexico Registered Land Surveyor.



RECORD
Drawings 2-24-86

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: HERITAGE EAST UNIT 4
JACOBO DRIVE N.E.
PAVING PLAN & PROFILE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	CH. Chapman	9/4/85	Liquid Waste	NA	7/24/85
A.C.E. Design	CH. Chapman	9/4/85	Traffic	NA	7/24/85
Hydrology	CH. Chapman	9/4/85	Water	NA	7/24/85

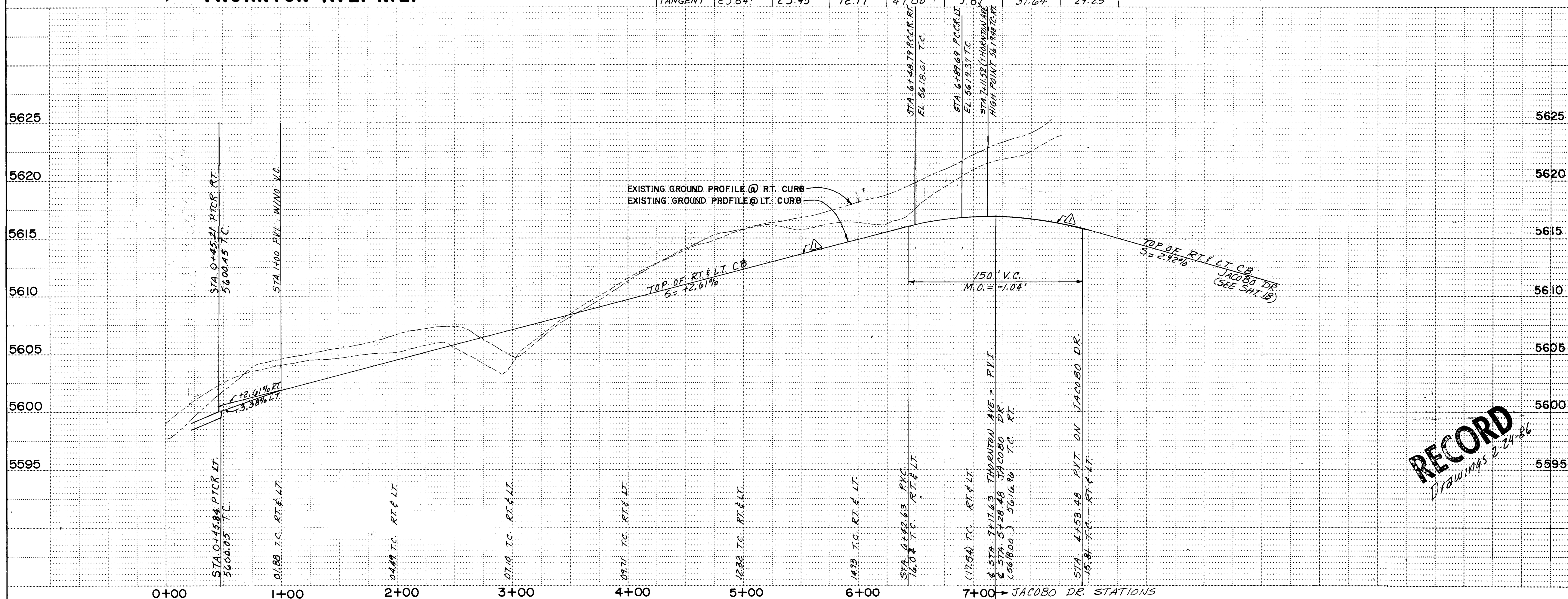
DESIGNED BY: P.A. DATE: 4-3-85
DRAWN BY: M.Y. DATE: 4-8-85
CHECKED BY: G.G. DATE: 5-3-85

DRAWING NO. 2494 MAP NO. D-20-Z SHEET 21 OF 45

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	SET IN	ACS. BRASS TABLET STAMPED "4-D20-1978"	DATE	NO.	BY	REMARKS	REVISIONS
INSPECTOR'S	DATE	TOP OF A CONCRETE POST FLUSH W/GROUND APPROX.	DATE	NO.	BY	REMARKS	REVISIONS
ACCEPTANCE BY	DATE	43 MILES SOUTH OF LOS ANGELES, 10001 WEST OF	DATE	NO.	BY	REMARKS	REVISIONS
VERIFICATION BY	DATE	HOLBROOK STREET ELEV 5624.779'	DATE	NO.	BY	REMARKS	REVISIONS
DRAWING	DATE		DATE	NO.	BY	REMARKS	REVISIONS
STAMPED BY	DATE		DATE	NO.	BY	REMARKS	REVISIONS
MICRO-FILM	DATE		DATE	NO.	BY	REMARKS	REVISIONS
RECORDED BY	DATE		DATE	NO.	BY	REMARKS	REVISIONS
NO.	DATE		DATE	NO.	BY	REMARKS	REVISIONS



CURVE DATA AT FACE OF CURB							
CURVE NO.	①	②	③	④	⑤	⑥	⑦
DELTA	91°53'56"	91°00'53"	74°31'11"	74°31'11"	32°22'13"	85°06'37"	52°04'24"
ARC	40.10'	39.72'	123.40'	81.78'	19.21'	60.91'	54.31'
RADIUS	25.00'	25.00'	94.88'	62.88'	34.00'	41.00'	39.00'
TANGENT	25.84'	25.45'	72.17'	47.83'	9.87'	37.64'	29.25'



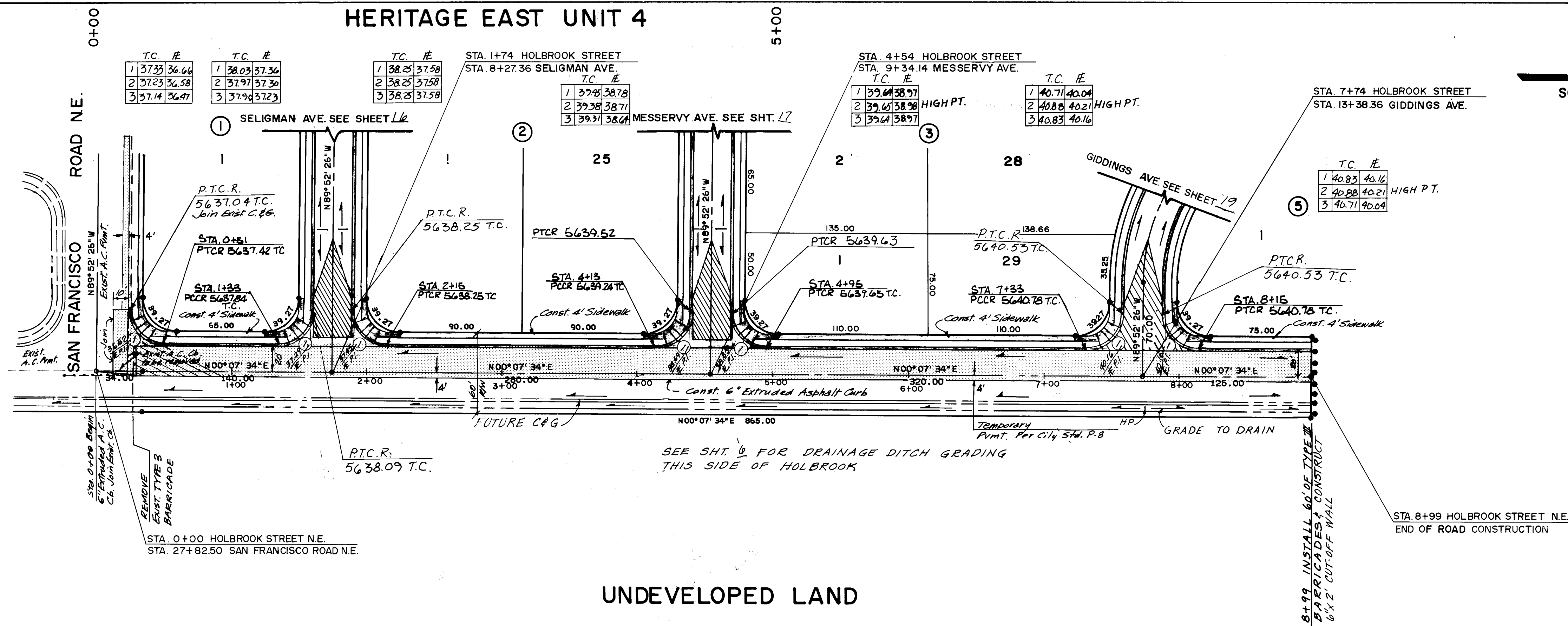
RECORD
Drawings 2-24-81

1. 4' concrete sidewalks as per Section B-B, City of Albuquerque Std. Dwg. P-13-1, and concrete driveways as per City of Albuquerque Std. Dwg. P-11-1 shall be constructed on a per lot basis at the time of development.
2. Centerline monumentation to be installed by DEVELOPER prior to acceptance of paving.

Centerline monumentation to be installed at all centerline PC's, PT's, Angle Points and Street Intersections - prior to acceptance of subdivision street improvements - will consist of a four-inch (4") aluminum alloy cap attached to a sectional aluminum rod which is driven directly into the paving surface and embedded in the sub-base. The cap will also be connected by a floating thread so that the cap can be removed and an additional rod section inserted to accommodate subsequent paving overlays. The cap will be stamped "CITY OF ALBUQUERQUE", "CENTERLINE MONUMENTATION", "Survey Marker", "Do Not Disturb", "LS # ----". The centerline monumentation is to be set in conformance with the standards and specifications for Class 3 surveys, under the supervision of a New Mexico Registered Land Surveyor.

[illegible]

HERITAGE EAST UNIT 4

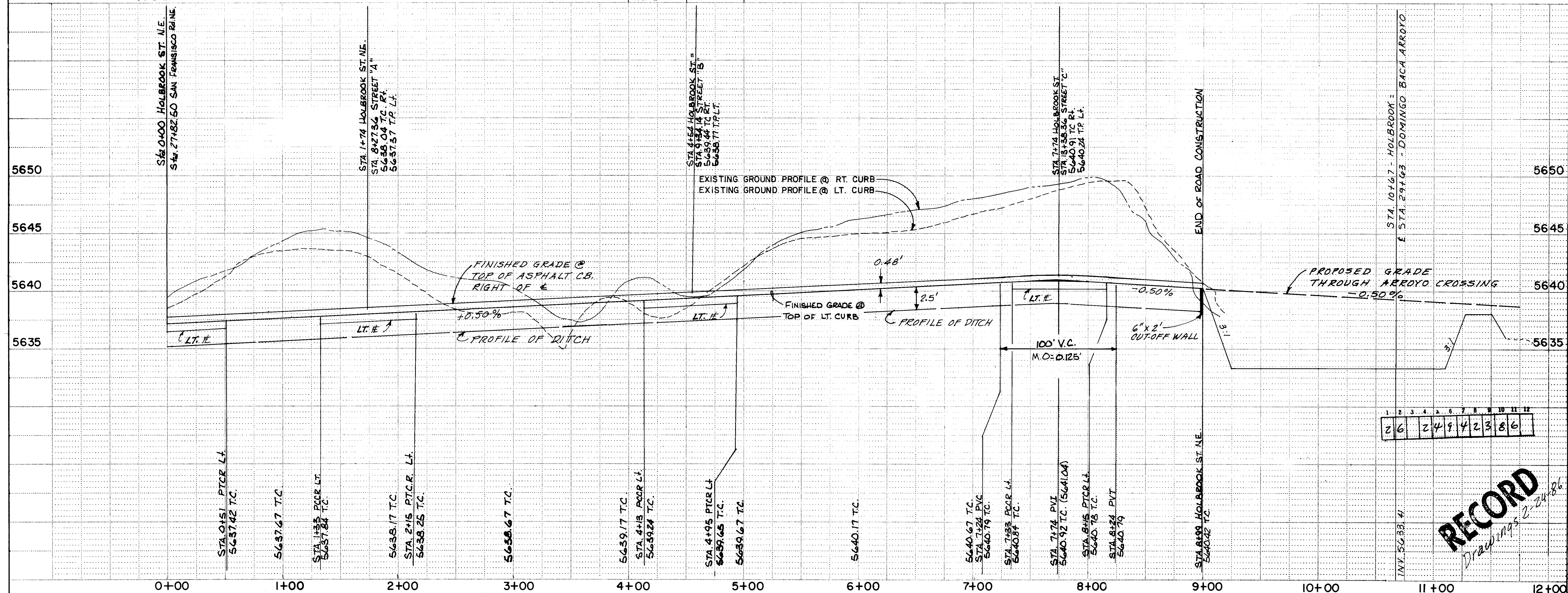


UNDEVELOPED LAND

CURVE DATA @
FACE OF CURB

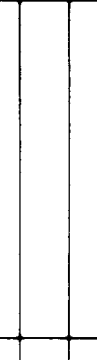
CURVE NO.	①
DELTA	90°00'00"
ARC	39.270
RADIUS	25.000
TANGENT	25.000

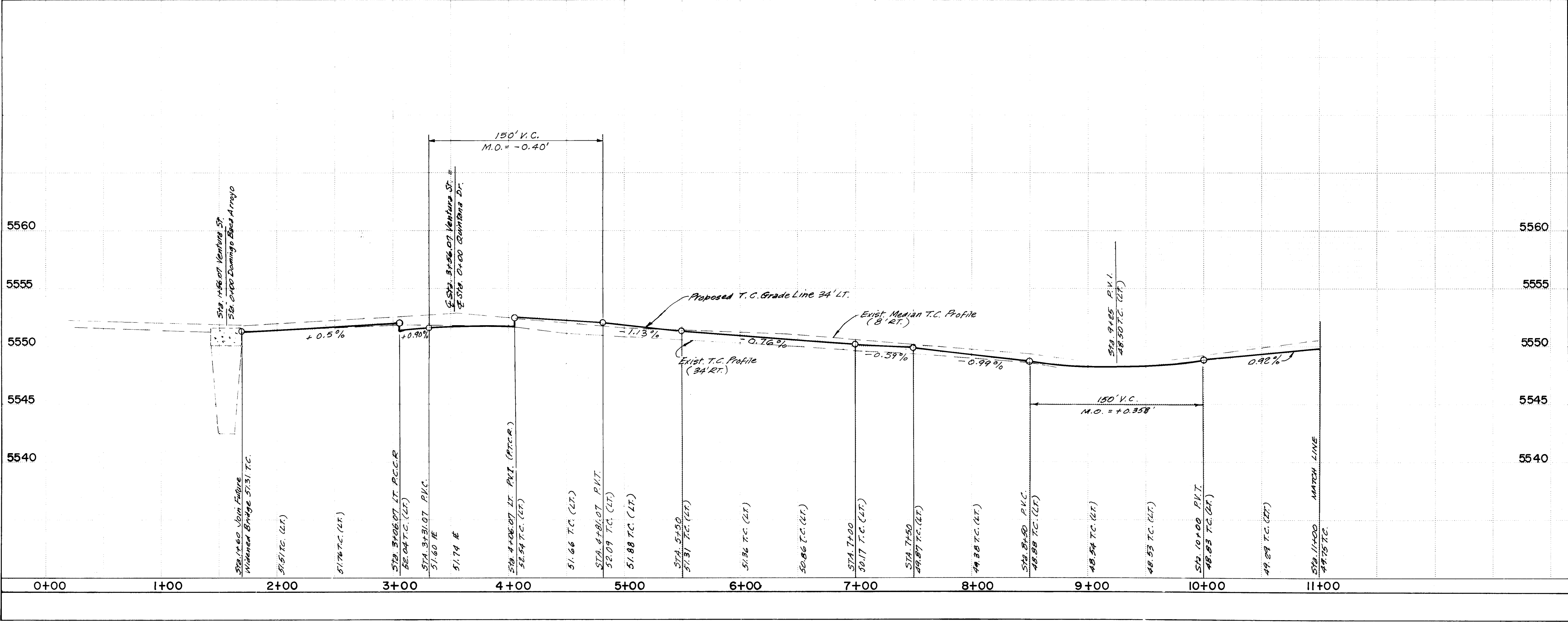
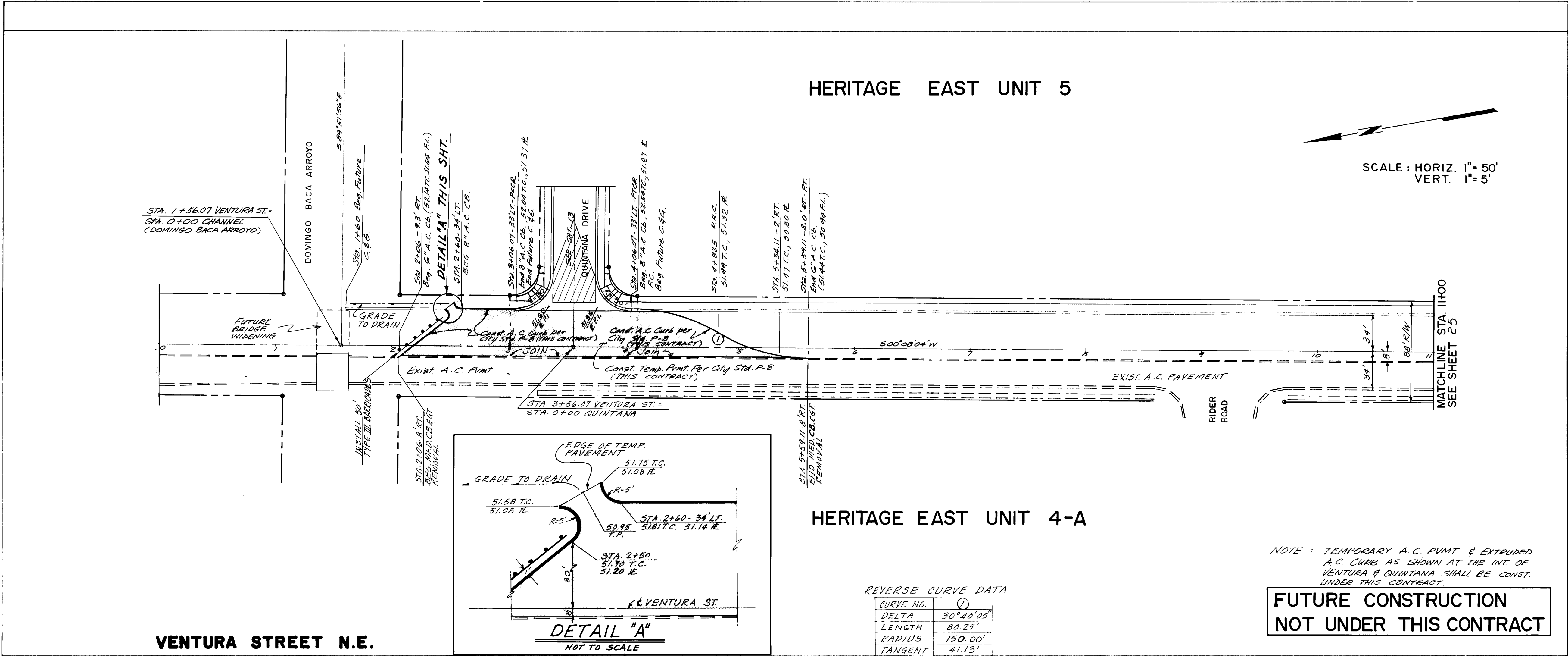
HOLBROOK STREET N.E.

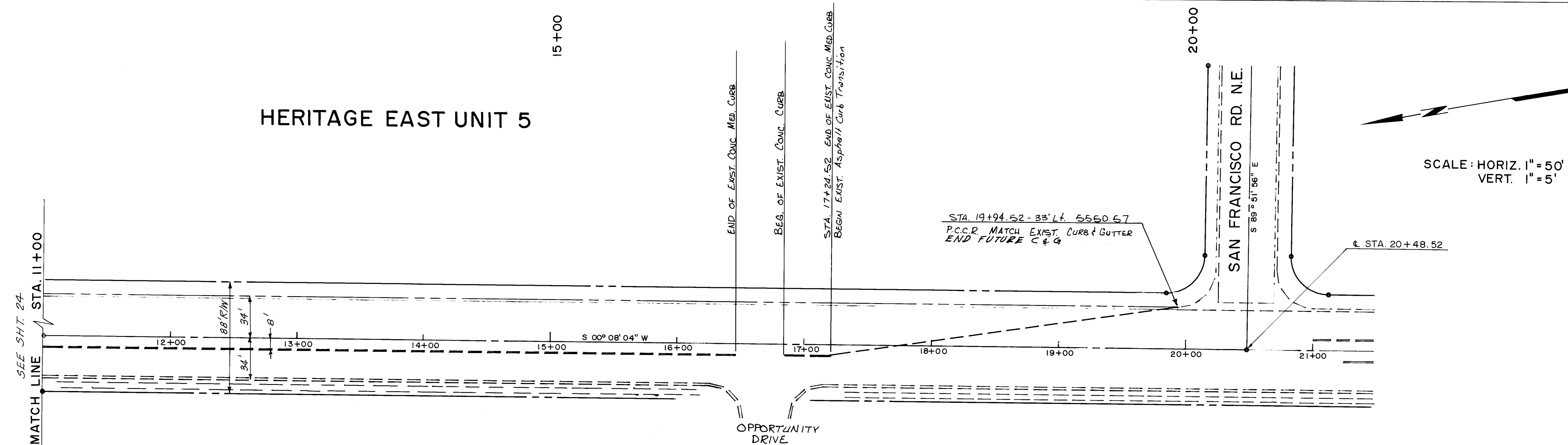
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISIONTITLE: HERITAGE EAST UNIT 4
HOLBROOK STREET N.E.
PAVING PLAN & PROFILE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	7/24/85	Liquid Waste	NA	7/24/85
ACE-Design	<i>[Signature]</i>	7/24/85	Traffic	NA	7/24/85
Hydrology	<i>[Signature]</i>	7/24/85	Water	NA	7/24/85

DRAWING NO.	MAP NO.	SHEET	OF
2494	D-20-Z	23	45

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION		
 7-20-85 <i>D. Gerald Pugh</i>		FIELD NOTES		ACCS. BRASS TABLET STAMPED "4-D20-1978" SET IN TOP OF A CONCRETE POST FLUSH W/GROUND. APPROX. 43 MILES SOUTH OF LOS ANGELES, 10001 WEST OF HOLBROOK STREET ELEV. 5624.779'		CONTRACTOR		
		NO.	BY	DATE	WORK BY		DATE	
					INSPECTOR'S		DATE	
					ACCEPTANCE BY		DATE	
					VERIFYING BY		DATE	
						MICRO-FILM INFORMATION		
DESIGNED BY						RECORDED BY		
DRAWN BY						NO		
CHECKED BY								
</								





				ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
						FIELD NOTES				CONTRACTOR	
										WORK DONE BY INSPECTOR'S DATE	
							NO.	BY	DATE	ACS BRASS TABLET STAMPED "4-020-1978" SET IN TOP OF A CONCRETE POST FLUSH W/GROUND. APPROX 4.3 MILES SOUTH OF LOS ANGELES, 10001 WEST OF HOLBROOK STREET ELEV 5624.779'	DATE
NO. DATE		REMARKS		BY							
REVIEWS											
DESIGN											
DESIGNED BY	P.A.	DATE	7-23-85								
DRAWN BY	M.Y.	DATE	7-24-85								
CHECKED BY	G.G.	DATE	7-24-85								
				7-24-85						MICRO-FILM INFORMATION	
										RECORDED BY NO DATE	

CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION					
TITLE:		HERITAGE EAST UNIT 4 VENTURA STREET N.E. STA. 11+00 TO SAN FRANCISCO RD. PAVING PLAN & PROFILE			
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>E. J. [Signature]</i>	9/6/85	Liquid Waste	NA <i>WJB</i>	7/24/85
A C E - Design	<i>WJB</i>	7/2/85	Traffic	<i>David A. [Signature]</i>	8/2/85
Hydrology	<i>B. J. [Signature]</i>	7/23/85	Water	NA <i>WJB</i>	7/24/85
DRAWING NO. 2494		MAP NO. D-20-Z		SHEET 25 OF 45	

HERITAGE EAST UNIT 6

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

HERITAGE EAST UNIT 5
PARCEL B

DOMINGO BACA ARROYO

CURVE DATA	
CURVE NO.	(7)
DELTA	32°49'50"
ARC	958.802'
RADIUS	1673.30'
TANGENT	492.963'

- 4' concrete sidewalks as per Section B-B, City of Albuquerque Std. Dwg. P-13-1, and concrete driveways as per City of Albuquerque Std. Dwg. P-11-1 shall be constructed on a per lot basis at the time of development.
- Centerline monumentation to be installed by DEVELOPER prior to acceptance of paving.

Centerline monumentation to be installed at all centerline PC's, PT's, Angle Points and Street Intersections - prior to acceptance of subdivision street improvements - will consist of a four-inch (4") aluminum alloy rod attached to a sectional aluminum rod which is driven directly into the paving surface and embedded in the sub-base. The cap and rod are connected by a floating thread so that the cap can be removed and an additional rod section inserted to accommodate subsequent paving overlays. The cap will be stamped "CITY OF ALBUQUERQUE", "CENTERLINE MONUMENTATION", "Survey Marker", "Do Not Disturb", "LS # ----". The centerline monumentation is to be set in conformance with the standards and specifications for Class 3 surveys, under the supervision of a New Mexico Registered Land Surveyor.

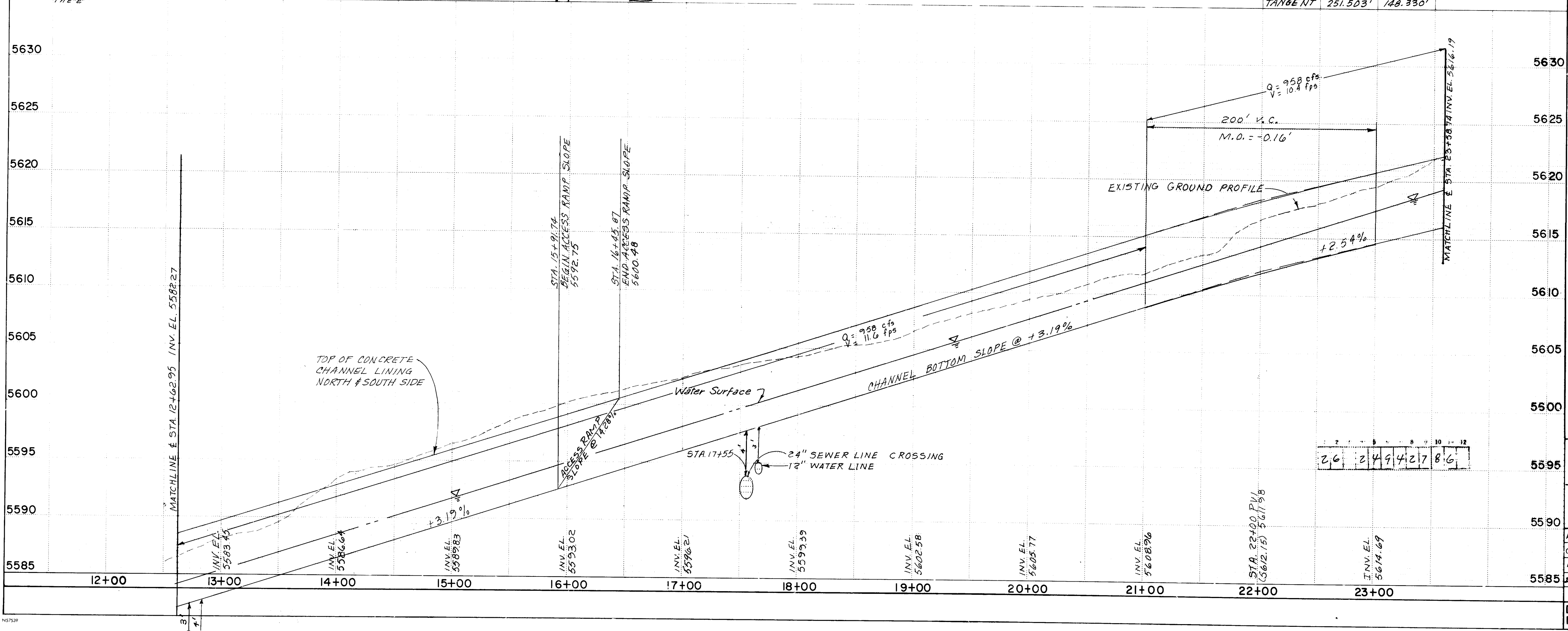
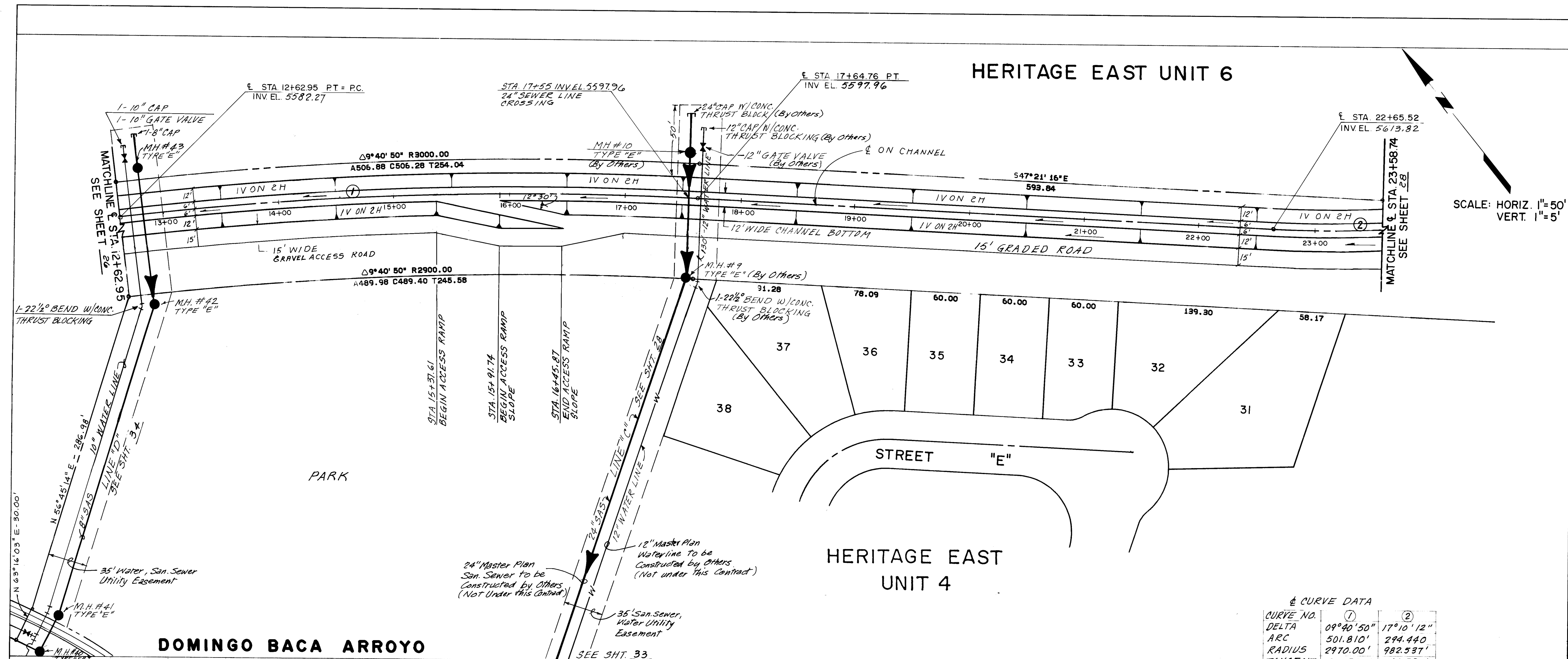
LEGEND

	NEW	EXIST.
STORM DRAIN LINE	SD	SD
STORM INLET	■	■
STORM SEWER M.H.	○	○
SAN. SEWER M.H.	●	●
SEWER LINE	SAS	SAS
SEWER ENCASED	▨	▨
WATER LINE	W	W
GATE VALVES	⌞	⌞
FIRE HYDRANTS	⊕	⊕
WATER METER, SINGLE	⊕	⊕
WATER METER, DOUBLE	⊕	⊕
SEWER SERVICE LINE	SAS	SAS

NOTE:
SEE SHT. 11 FOR GENERAL NOTES

RECORD
Drawing 2-4 16

CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION				
TITLE: HERITAGE EAST UNIT 4 DOMINGO BACA ARROYO CHANNEL PLAN & PROFILE				
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER
City Engineer	E. J. [Signature]	7/24/85	Liquid Waste	NA [Signature]
A.C.E. Design	[Signature]	7/24/85	Traffic	NA [Signature]
Hydrology	[Signature]	7/24/85	Water	NA [Signature]
DRAWING NO. 2494		MAP NO. D-20-Z		SHEET 26 OF 45



NOTE:
MANHOLES TO BE PER CITY OF
ALBUQ. STD. DWG. S-1, S-2 OR
S-4

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

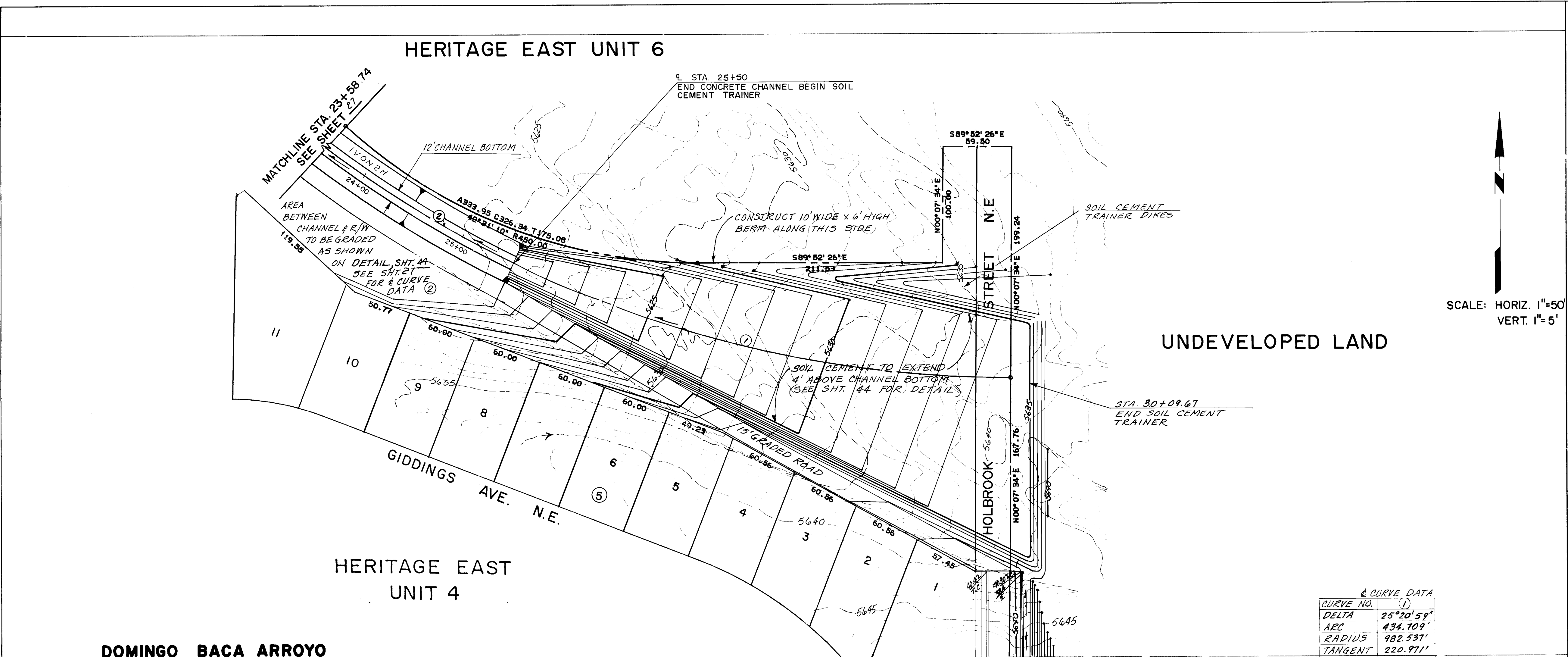
CURVE DATA		
CURVE NO.	①	②
DELTA	09°40'50"	17°10'12"
ARC	501.810'	294.440'
RADIUS	2970.00'	982.531'
TANGENT	251.503'	148.330'

LEGEND	
NEW	EXIST
SAN. SEWER M.H.	—●—
SEWER LINE	—SAS—
SEWER ENCASED	—SAS—
WATER LINE	—W—
GATE VALVES	—X—
FIRE HYDRANTS	—H—
WATER METER, SINGLE	—M—
WATER METER, DOUBLE	—M—
SEWER SERVICE LINE	—SAS—

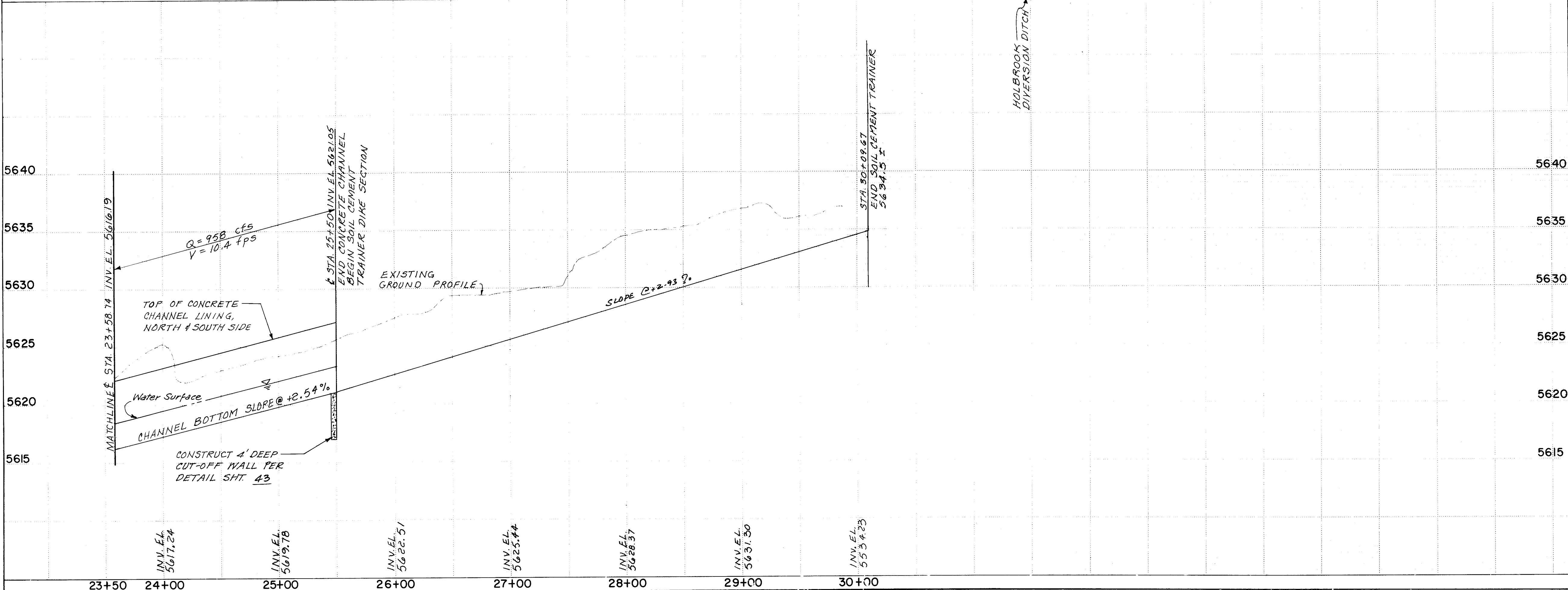
NOTE:
SEE SHT. 11 FOR GENERAL NOTES

RECORD
Drawings 2-24-86

CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION			
TITLE: HERITAGE EAST UNIT 4 DOMINGO BACA ARROYO CHANNEL PLAN & PROFILE			
APPROVALS	ENGINEER	DATE	APPROVALS
City Engineer	P. J. [Signature]	7/21/85	Liquid Waste
A.C.E. - Design	[Signature]	7/21/85	Traffic
Hydrology	[Signature]	7/21/85	Water
DRAWING NO. 2494		MAP NO. D-20-Z	
SHEET 27		OF 45	



CURVE DATA	
CURVE NO.	(1)
DELTA	25°20'59"
ARC	434.109'
RADIUS	982.531'
TANGENT	220.971'



AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACT NO.	WORK BY	ACCS BRASS TABLET STAMPED "4-D20-1978" SET IN TOP OF A CONCRETE POST FLUSH W/GROUND. APPROX. 43 MILES SOUTH OF LOS ANGELES, 10001 WEST OF HOLBROOK STREET ELEV. 5624.779'	DATE	NO.	BY	NO.	BY
INSPECTOR'S	DATE						
FIELD	DATE						
LOCATION BY	DATE						
DRAWINGS	DATE						
CONTRACT NO.	DATE						
RECORDED BY	DATE						
NO.							

NOTE: SEE SHT. 11 FOR GENERAL NOTES.

26 2494 2886

RECORD
Drawings 2-24-86

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

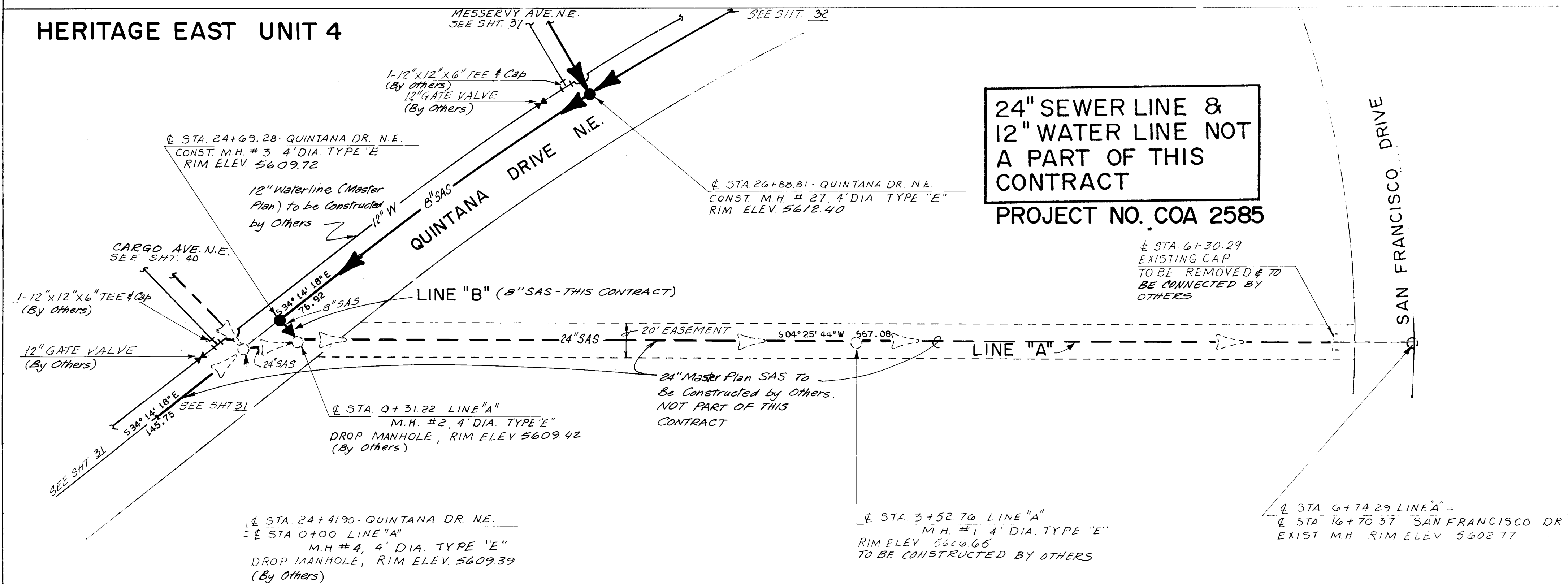
TITLE: HERITAGE EAST UNIT 4
DOMINGO BACA ARROYO
CHANNEL PLAN & PROFILE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	7/24/85	Liquid Waste	NA	7/24/85
A.C.E. Design	<i>[Signature]</i>	7/24/85	Traffic	NA	7/24/85
Hydrology	<i>[Signature]</i>	7/24/85	Water	NA	7/24/85

REVISIONS	NO.	DATE	REMARKS	BY
DESIGN <td>1</td> <td>4-15-85</td> <td></td> <td></td>	1	4-15-85		
DRAWN <td>2</td> <td>4-25-85</td> <td></td> <td></td>	2	4-25-85		
CHECKED <td>3</td> <td>5-3-85</td> <td></td> <td></td>	3	5-3-85		

DRAWING NO.	2494	MAP NO.	D-20-Z	SHEET	28	OF	45
-------------	------	---------	--------	-------	----	----	----

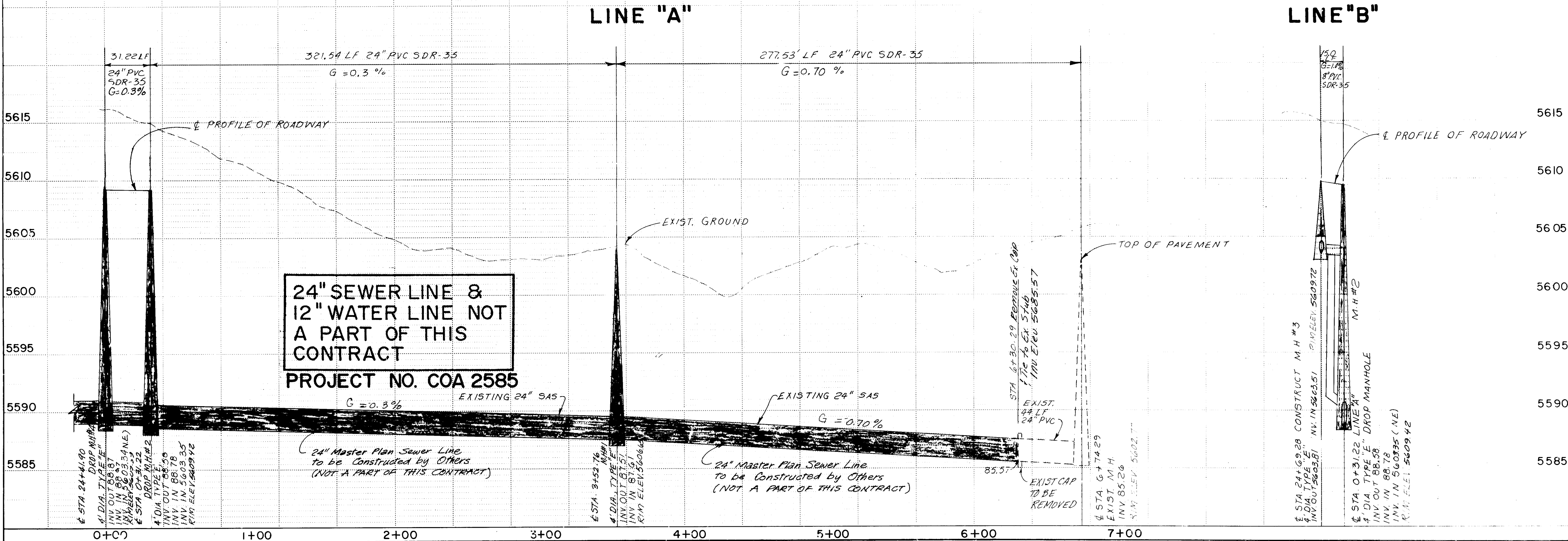
HERITAGE EAST UNIT 4



SCALE: HORIZ. 1"=40'
VERT. 1"=5'

HERITAGE EAST UNIT 2
TRACT B

LINE "A" & LINE "B"



LEGEND

NEW	EXIST
SAN. SEWER M.H.	---
SEWER LINE	---
SEWER ENCASED	---
WATER LINE	---
GATE VALVES	---
CITY STD. W-2, 4, 8	---
FIRE HYDRANTS	---
CITY STD. W-20, 21	---
WATER METER, SINGLE	---
CITY STD. W-10, 11, 18	---
WATER METER, DOUBLE	---
CITY STD. W-10, 18, 18	---
SEWER SERVICE LINE	---
CITY STD. S-4	---

- Record information on Manufacturer and Model No.
TILER PIPE COMPANY
1. Fire Hydrants (Waterous)-W15-67
 2. Water Valves (Waterous)-C-500
 3. Sewer Pipe P.V.C.-FDR-35
 4. Water Pipe P.V.C. C-900 Class 150

NOTE:
SEE SHT. 11 FOR GENERAL NOTES.

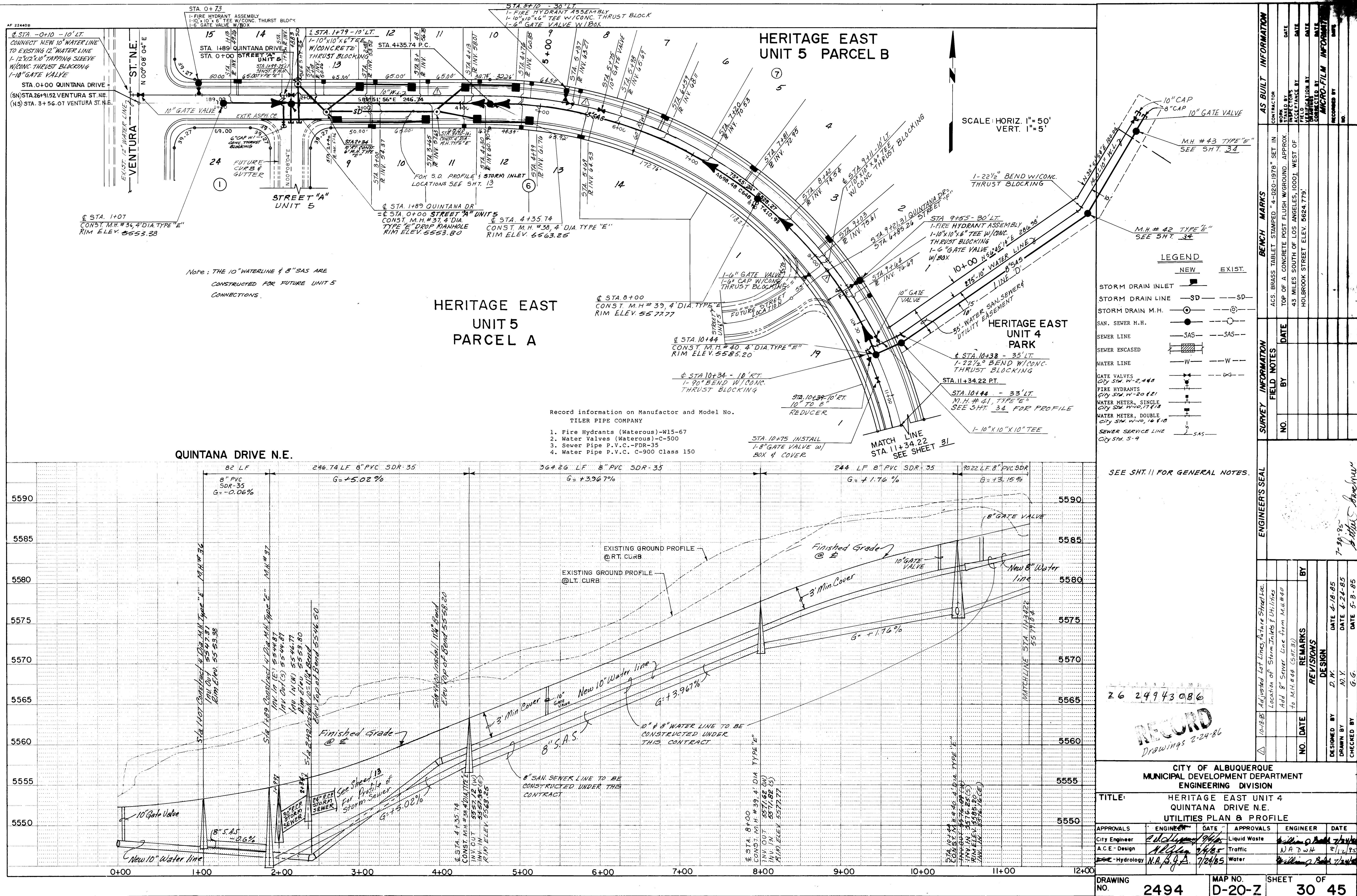
NO.	DATE	REVISIONS	BY
26	24942986	DESIGN	PA
DATE	4-17-85	DATE	4-22-85
DESIGNED BY	PA	DATE	4-22-85
REVISIONS	PA	DATE	4-22-85
DATE	4-22-85	DATE	4-22-85
DATE	4-22-85	DATE	4-22-85

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: HERITAGE EAST UNIT 4
LINE "A" & LINE "B"
UTILITIES PLAN & PROFILE

APPROVED: [Signature] DATE: 7/24/85
CITY ENGINEER: [Signature] DATE: 7/24/85
DESIGNED BY: [Signature] DATE: 7/24/85
CHECKED BY: [Signature] DATE: 7/24/85
DRAWN BY: [Signature] DATE: 7/24/85

DRAWING NO. 2494 MAP NO. D-20-Z SHEET 29 OF 45



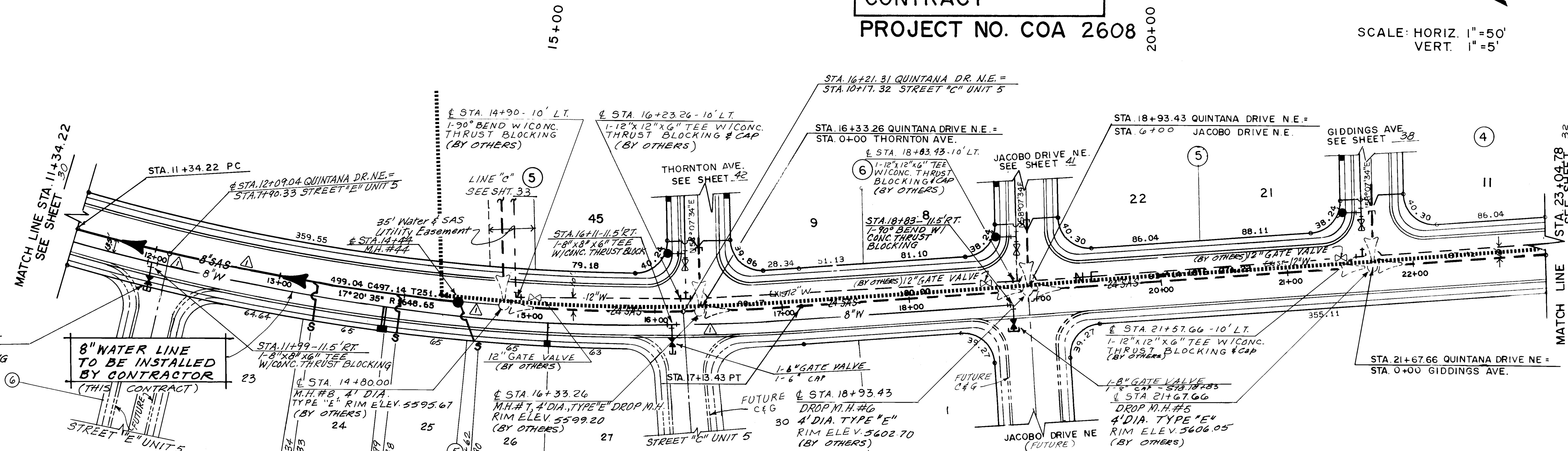
HERITAGE EAST UNIT 4

24" SEWER LINE &
12" WATER LINE NOT
A PART OF THIS
CONTRACT

PROJECT NO. COA 2608

20+00

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



LEGEND

	NEW	EXIST
SAN. SEWER M.H.		
SEWER LINE		
SEWER ENCASED		
WATER LINE		
GATE VALVES		
FIRE HYDRANTS		
WATER METER, SINGLE		
WATER METER, DOUBLE		
SEWER SERVICE LINE		
WATER LEVEL ZONE		
BOUNDARY LINE		

SEE SHT. 11 FOR GENERAL NOTES

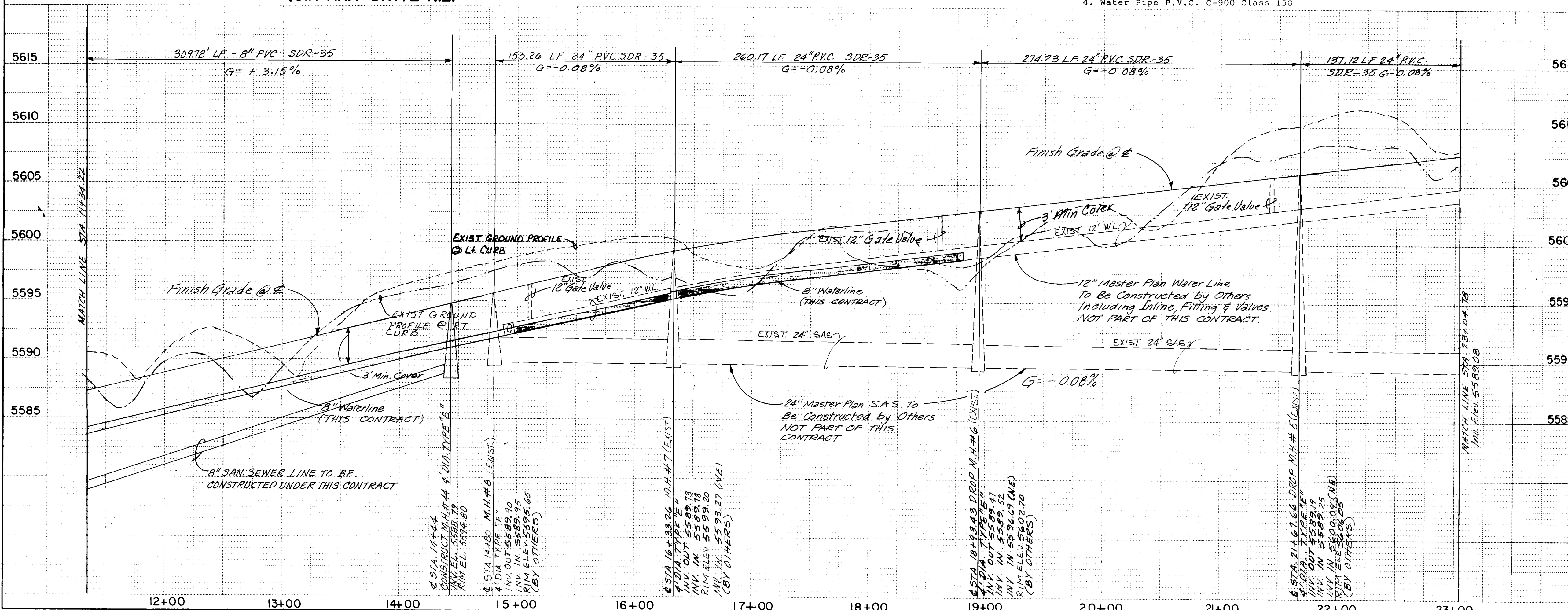
QUINTANA DRIVE N.E.

HERITAGE EAST
UNIT 5
PARCEL A

Record information on Manufacturer and Model No.
TILER PIPE COMPANY

1. Fire Hydrants (Waterous)-W15-67
2. Water Valves (Waterous)-C-500
3. Sewer Pipe P.V.C.-FDR-35
4. Water Pipe P.V.C. C-900 Class 150

HERITAGE EAST
UNIT 2
TRACT B



26 24943186

Drawings 2-24-86



NO.	DATE	REVISIONS
1	4-20-85	DESIGN
2	4-28-85	B.G.
3	5-3-85	G.G.

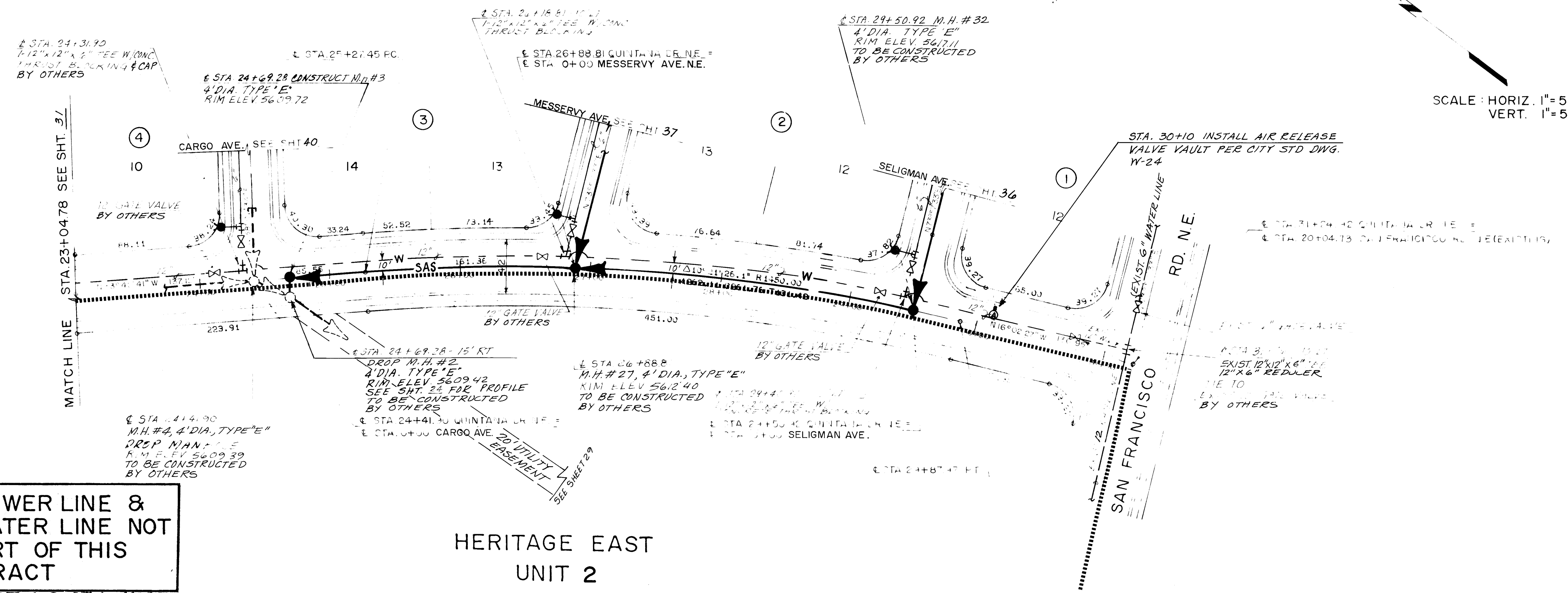
CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: HERITAGE EAST UNIT 4
QUINTANA DRIVE N.E.
UTILITIES PLAN & PROFILE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	7/24/85	Liquid Waste	William S. Belsky	7/24/85
A.C.E. Design	<i>[Signature]</i>	7/24/85	Traffic	N.A. DWH	8/12/85
Hydrology	N.A. S.A.P.	7/24/85	Water	William S. Belsky	7/24/85

AT 2249-Z

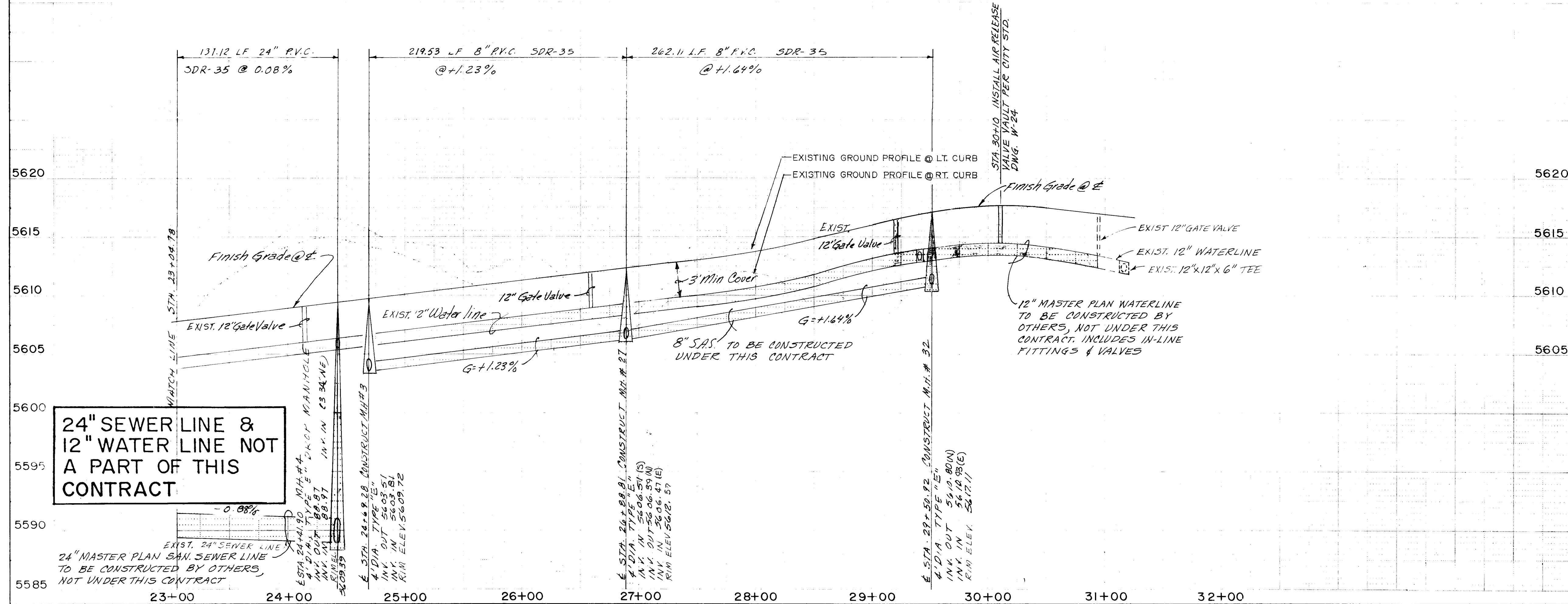
HERITAGE EAST UNIT 4



24" SEWER LINE &
12" WATER LINE NOT
A PART OF THIS
CONTRACT

PROJECT NO. COA 2585
QUINTANA DRIVE N.E.

HERITAGE EAST UNIT 2 TRACT B



24" SEWER LINE &
12" WATER LINE NOT
A PART OF THIS
CONTRACT

24" MASTER PLAN SAN. SEWER LINE
TO BE CONSTRUCTED BY OTHERS,
NOT UNDER THIS CONTRACT

LEGEND

NEW	EXIST.
SAN. SEWER M.H.	---
SEWER LINE	---
SEWER ENCASED	---
WATER LINE	---
GATE VALVES	---
FIRE HYDRANTS	---
WATER METER, SINGLE	---
WATER METER, DOUBLE	---
SEWER SERVICE LINE	---
WATER LEVEL ZONE	---
BOUNDARY LINE	---

NOTE:
SEE SHT 11 FOR GENERAL NOTES

ENGINEER'S SEAL

26 24943286

RECORD
Drawings 2-24-85

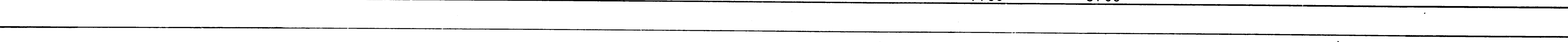
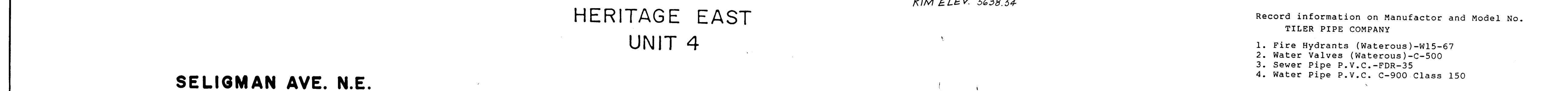
NO.	DATE	REVISIONS	BY
		DESIGN	

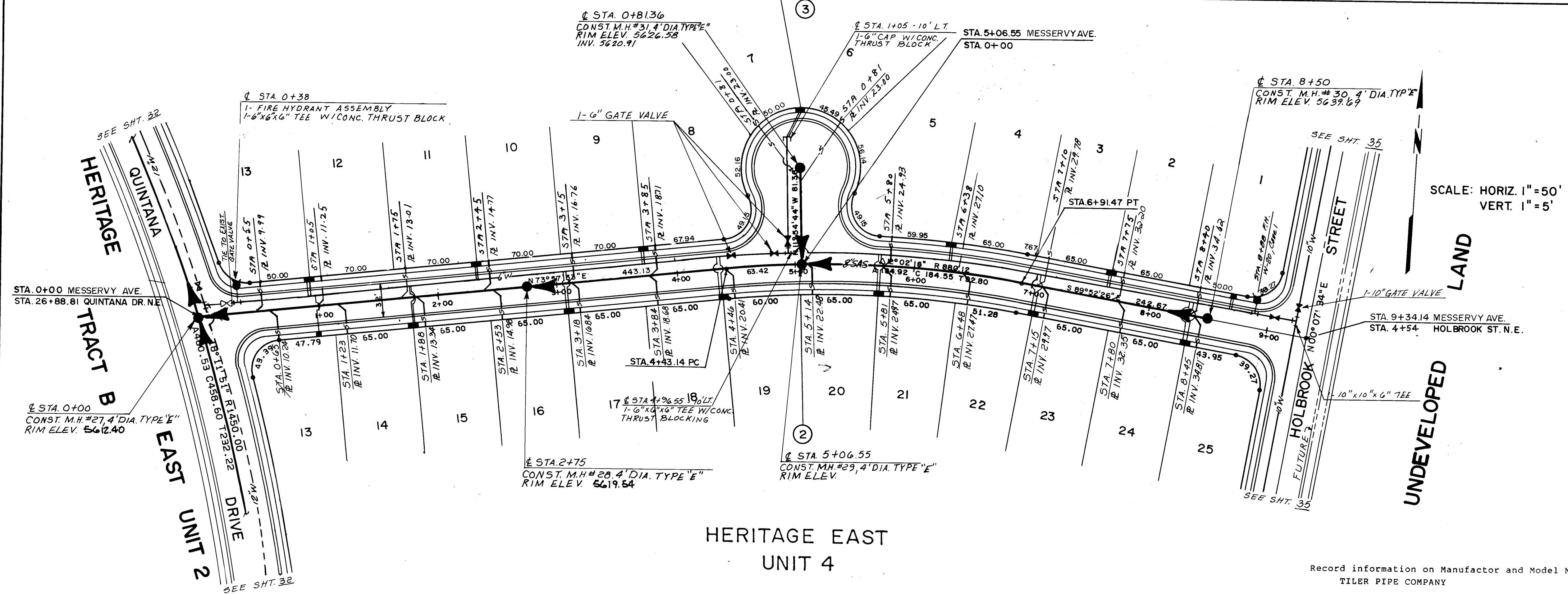
DESIGNED BY: P.A. DATE: 4-21-85
DRAWN BY: M.Y. DATE: 4-24-85
CHECKED BY: G.G. DATE: 5-3-85

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE: HERITAGE EAST UNIT 4
QUINTANA DRIVE N.E.
UTILITIES PLAN & PROFILE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	William J. Peltz	7/24/85	Liquid Waste	William J. Peltz	7/24/85
ACE - Design	N.A. B.A.S.	7/1/85	Traffic	N.A. B.A.S.	8/12/85
ACE - Hydrology	N.A. B.A.S.	7/24/85	Water	William J. Peltz	7/24/85

[illegible]



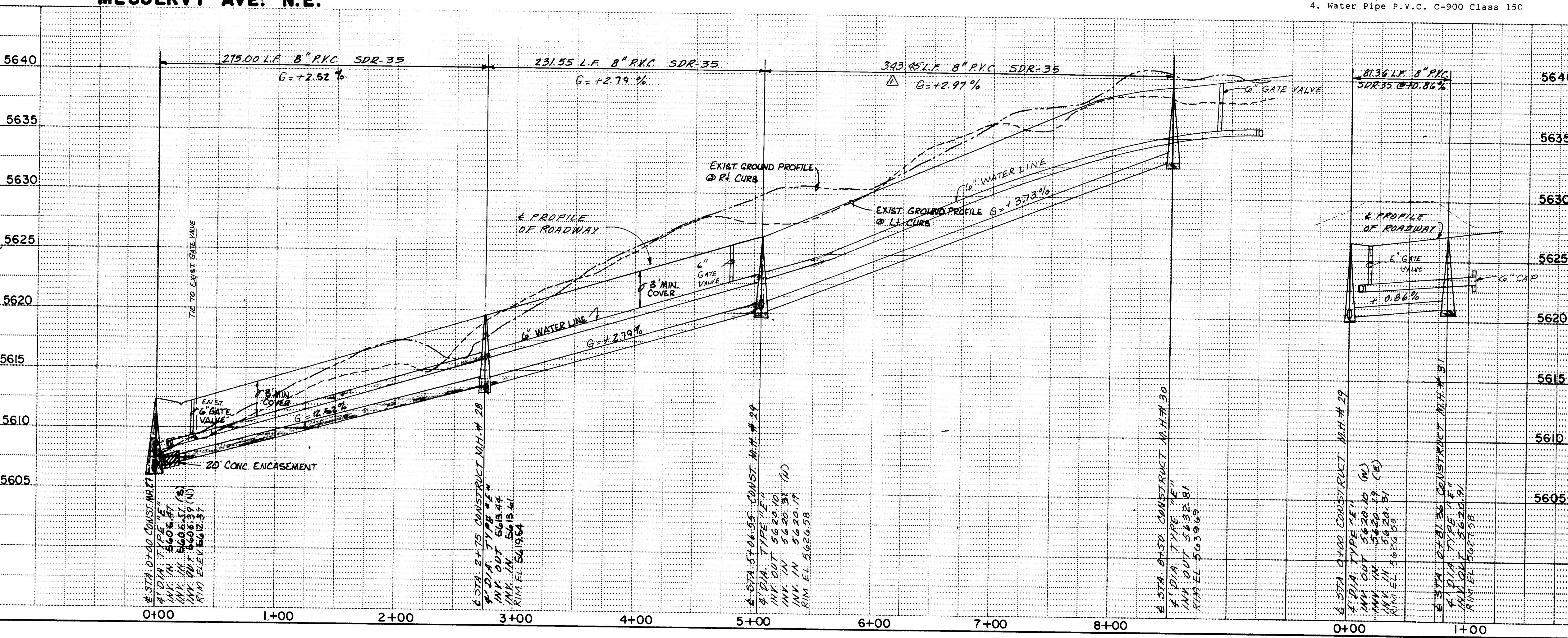
SCALE: HORIZ. 1"=50'
VERT. 1"=5'

LEGEND

	NEW	EXIST.
SAN. SEWER M.H.	●	○
SEWER LINE	—SAS—	---SAS---
SEWER ENCASED	▨	---
WATER LINE	—W—	---W---
GATE VALVES	⊕	⊕
FIRE HYDRANTS	⊕	⊕
WATER METER, SINGLE	⊕	⊕
WATER METER, DOUBLE	⊕	⊕
SEWER SERVICE LINE	—SAS—	---

Record information on Manufacturer and Model No.
TILER PIPE COMPANY

1. Fire Hydrants (Waterous)-W15-67
2. Water Valves (Waterous)-C-500
3. Sewer Pipe P.V.C.-FDR-35
4. Water Pipe P.V.C. C-900 Class 150



NOTE:
SEE SHT. II FOR GENERAL NOTES

REVISIONS

NO.	DATE	REMARKS
1	2-24-86	DESIGN

RECORD
Drawings 2-24-86

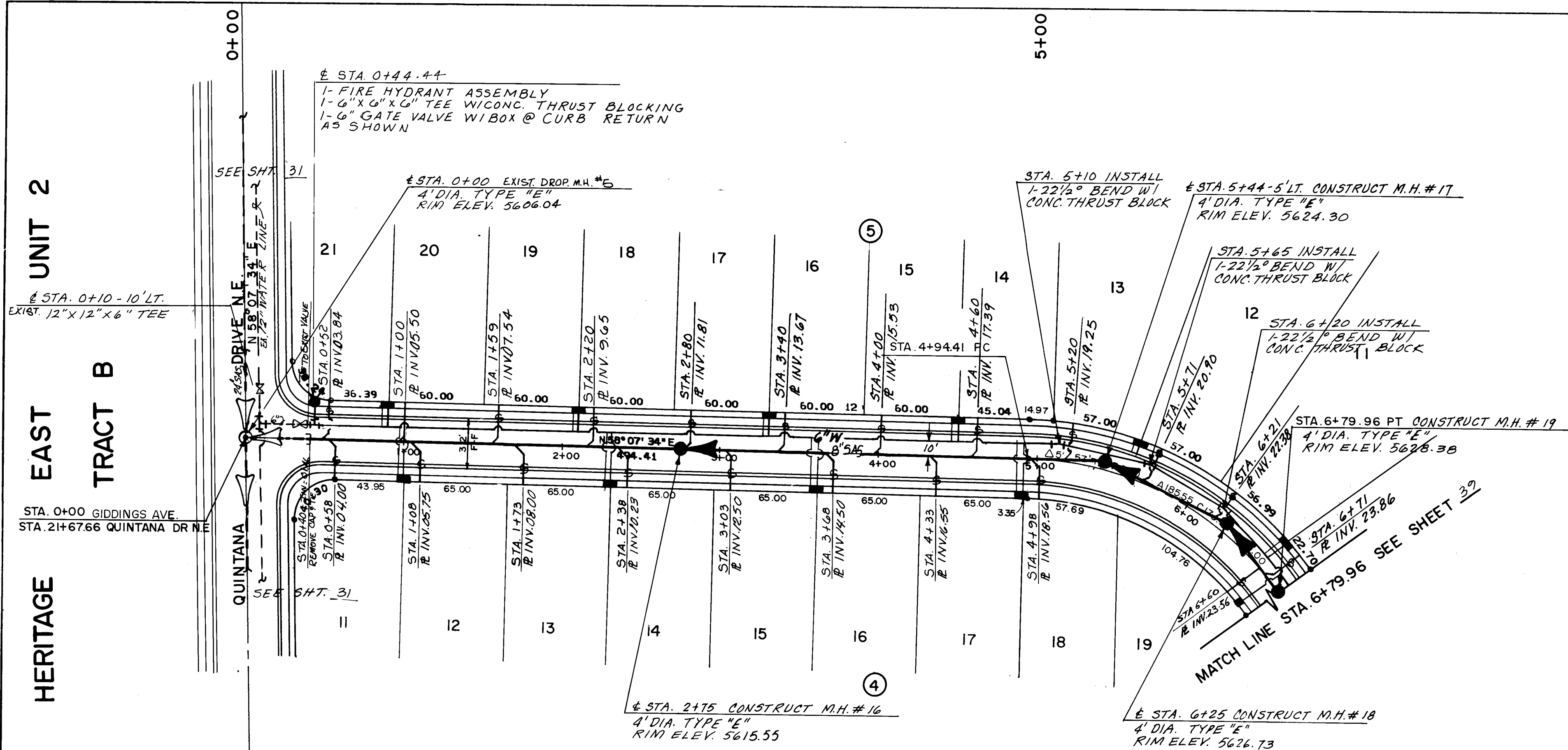
**CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION**

TITLE: HERITAGE EAST UNIT 4
MESSERVY AVE. N.E.
UTILITIES PLAN & PROFILE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>C. J. [Signature]</i>	7/1/85	Liquid Waste	<i>William G. [Signature]</i>	7/1/85
A.C.E. Design	<i>N. A. [Signature]</i>	7/1/85	Traffic	<i>N. A. [Signature]</i>	7/1/85
Hydrology	<i>N. A. [Signature]</i>	7/1/85	Water	<i>William G. [Signature]</i>	7/1/85

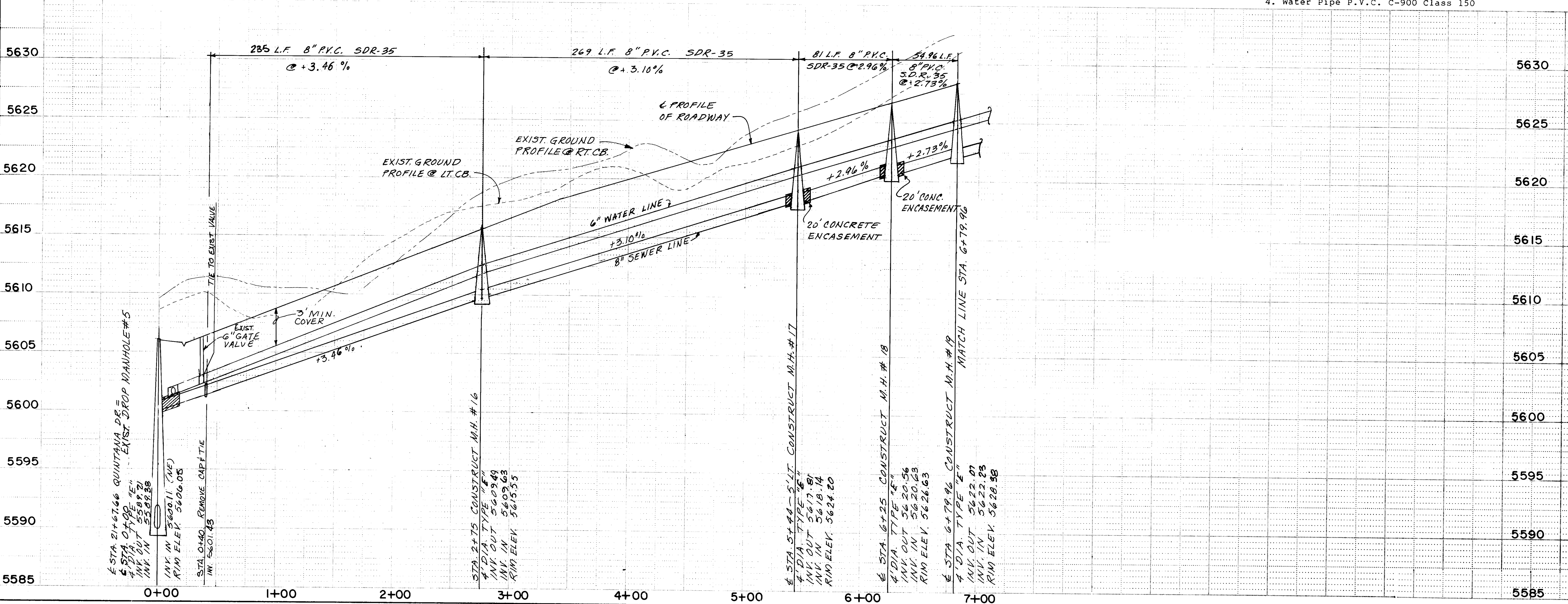
DRAWING NO. 2494 **MAP NO.** D-20-Z **SHEET** 37 **OF** 45

HERITAGE EAST TRACT B UNIT 2



HERITAGE EAST UNIT 4

GIDDINGS AVE. N.E.



- Record information on Manufacturer and Model No.
TILER PIPE COMPANY
1. Fire Hydrants (Waterous)-W15-67
 2. Water Valves (Waterous)-C-500
 3. Sewer Pipe P.V.C.-FDR-35
 4. Water Pipe P.V.C. C-900 Class 150

LEGEND

	NEW	EXIST.
SAN. SEWER M.H.	●	○
SEWER LINE	—SAS—	—SAS—
SEWER ENCASED	▨	▨
WATER LINE	—W—	—W—
GATE VALVES	⊗	⊗
FIRE HYDRANTS	⊕	⊕
WATER METER, SINGLE	⊕	⊕
WATER METER, DOUBLE	⊕	⊕
SEWER SERVICE LINE	—SAS—	—SAS—

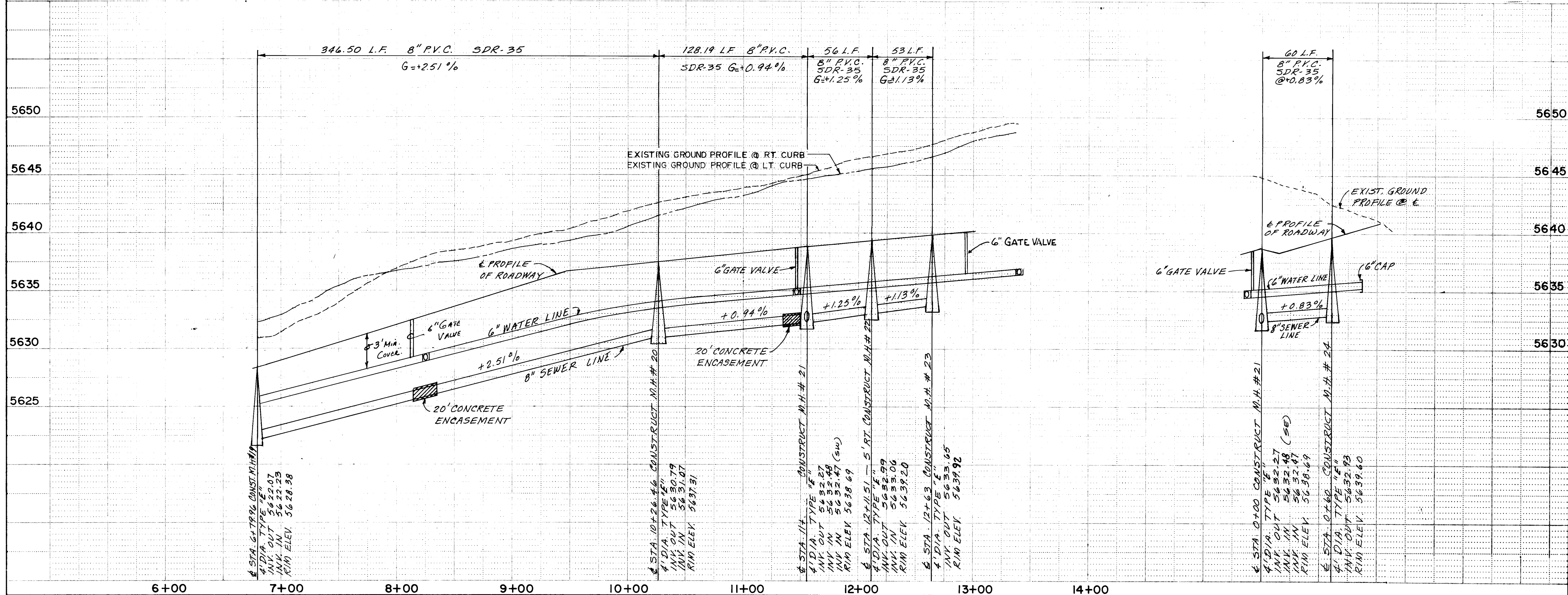
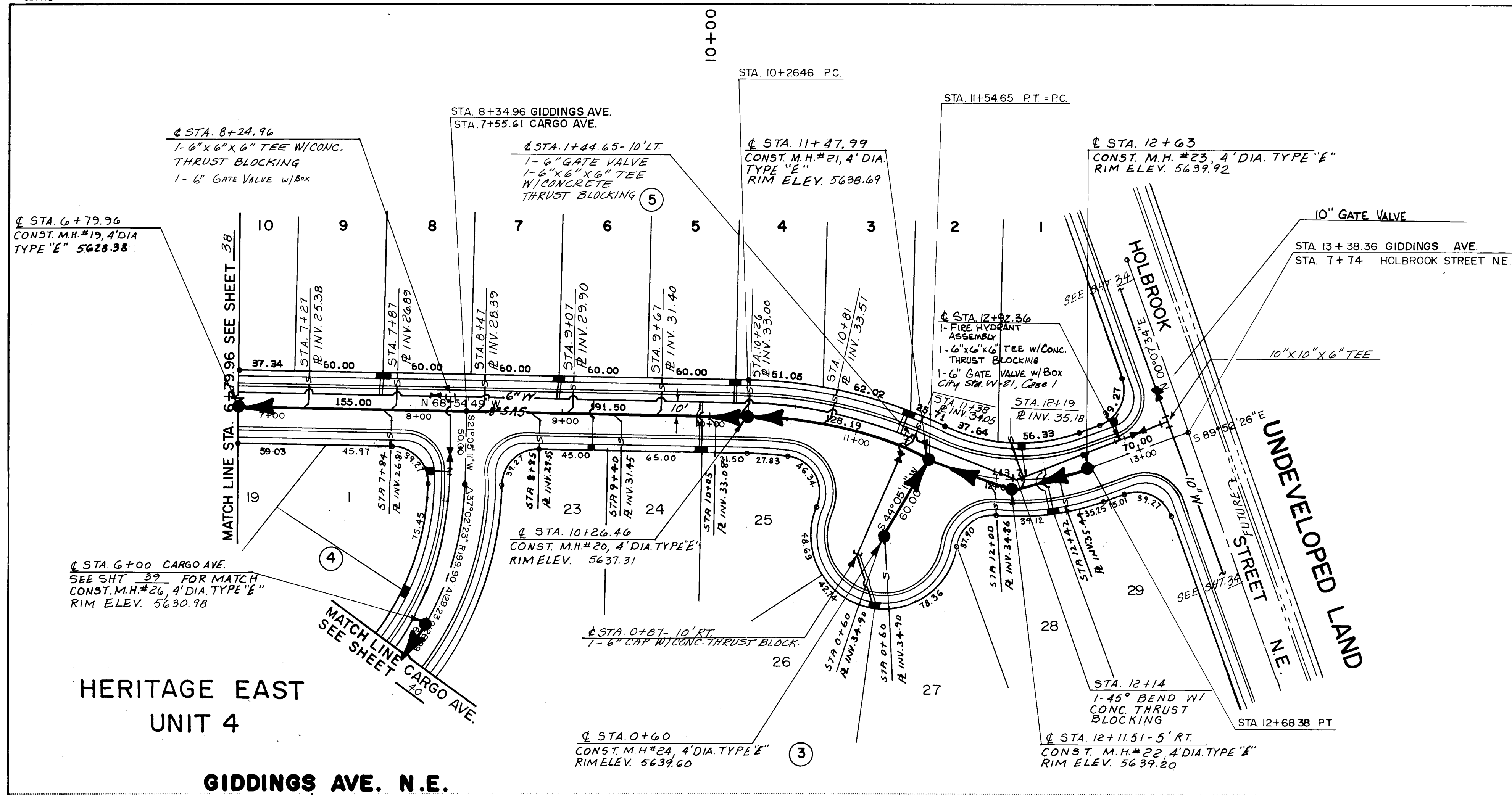
NOTE:
SEE SHT. 11 FOR GENERAL NOTES

ENGINEER'S SEAL

NO.	DATE	REVISIONS	BY
1	2/24/85	DESIGN	P.A.
2	2/24/85	DRAWN	M.Y.
3	2/24/85	CHECKED	G.G.

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	P. D. Chappell	2/24/85	Liquid Waste	W. J. H. H. H.	2/24/85
A.C.E. Design	N. A. B. G. S.	2/24/85	Traffic	N. A. B. G. S.	2/24/85
Hydrology	N. A. B. G. S.	2/24/85	Water	N. A. B. G. S.	2/24/85

DRAWING NO. 2494 MAP NO. D-20-Z SHEET 38 OF 45



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

Record information on Manufacturer and Model No.
TILER PIPE COMPANY

1. Fire Hydrants (Waterous)-W15-67
2. Water Valves (Waterous)-C-500
3. Sewer Pipe P.V.C.-FDR-35
4. Water Pipe P.V.C. C-900 Class 150

NOTE:
SEE SHT. 11 FOR GENERAL NOTES

RECORD
Drawings 2-24-86

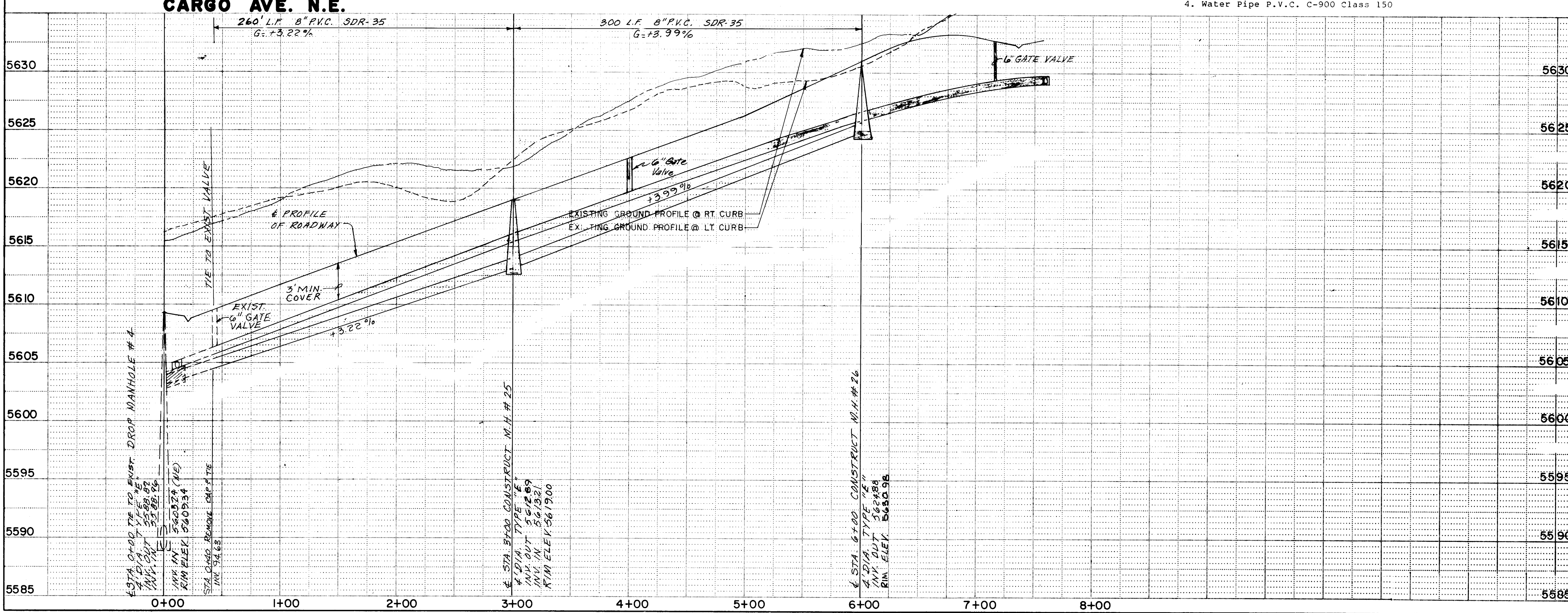
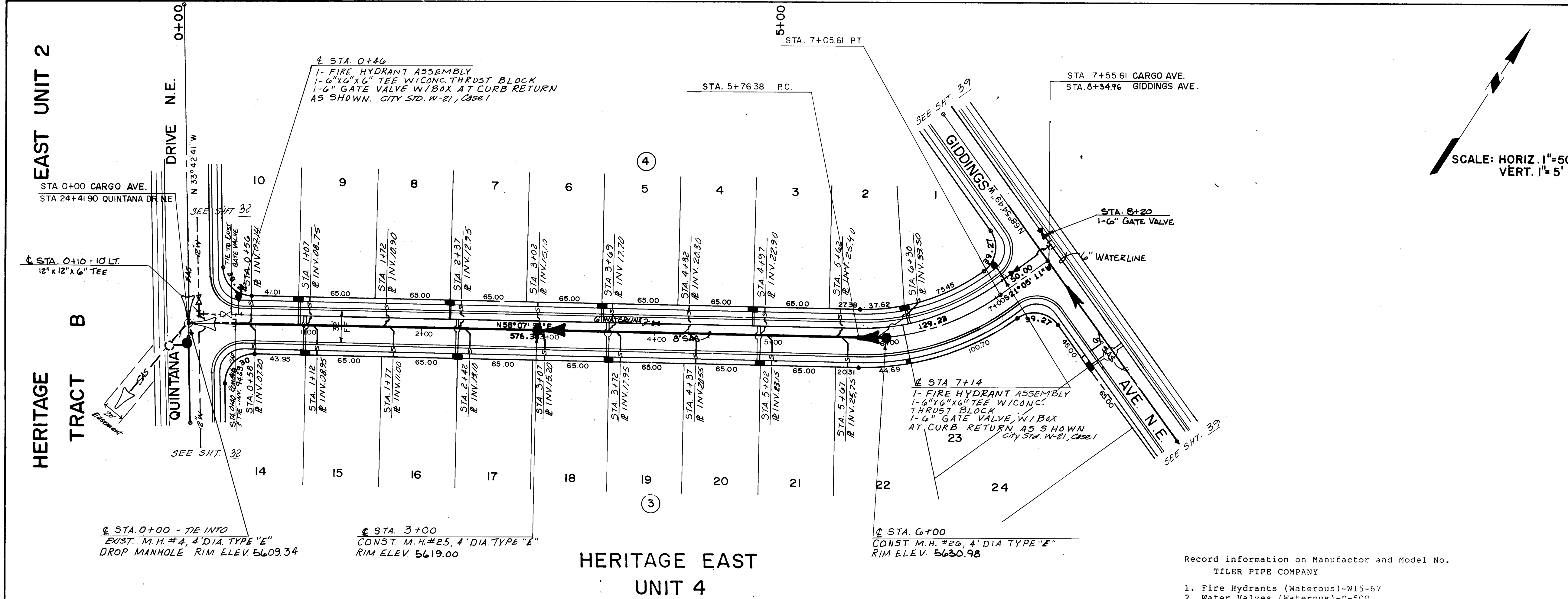
[illegible]

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

TITLE:	HERITAGE EAST UNIT 4 GIDDINGS AVE. N.E. UTILITIES PLAN & PROFILE
--------	--

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>C.D. Dwyer</i>	<i>9/4/85</i>	Liquid Waste	<i>William G. Baker</i>	<i>7/24/85</i>
ACE - Design	<i>N. Chen</i>	<i>9/4/85</i>	Traffic	N.A. DWH	<i>8/12/85</i>
ACE - Hydrology	<i>N.A. B.O.A.</i>	<i>7/24/85</i>	Water	<i>William G. Baker</i>	<i>7/24/85</i>

DRAWING NO.	2494	MAP NO.	D-20-Z	SHEET	OF	39	45
----------------	------	---------	--------	-------	----	----	----



LEGEND

	NEW	EXIST.
SAN. SEWER M.H.	—●—	—○—
SEWER LINE	—SAS—	—SAS—
SEWER ENCASED	—[Hatched]—	—[Hatched]—
WATER LINE	—W—	—W—
GATE VALVES	—[Symbol]—	—[Symbol]—
FIRE HYDRANTS	—[Symbol]—	—[Symbol]—
WATER METER, SINGLE	—[Symbol]—	—[Symbol]—
WATER METER, DOUBLE	—[Symbol]—	—[Symbol]—
SEWER SERVICE LINE	—[Symbol]—	—[Symbol]—

NOTE:
SEE SHT. 11 FOR GENERAL NOTES

RECORD
Drawings 2-24-86

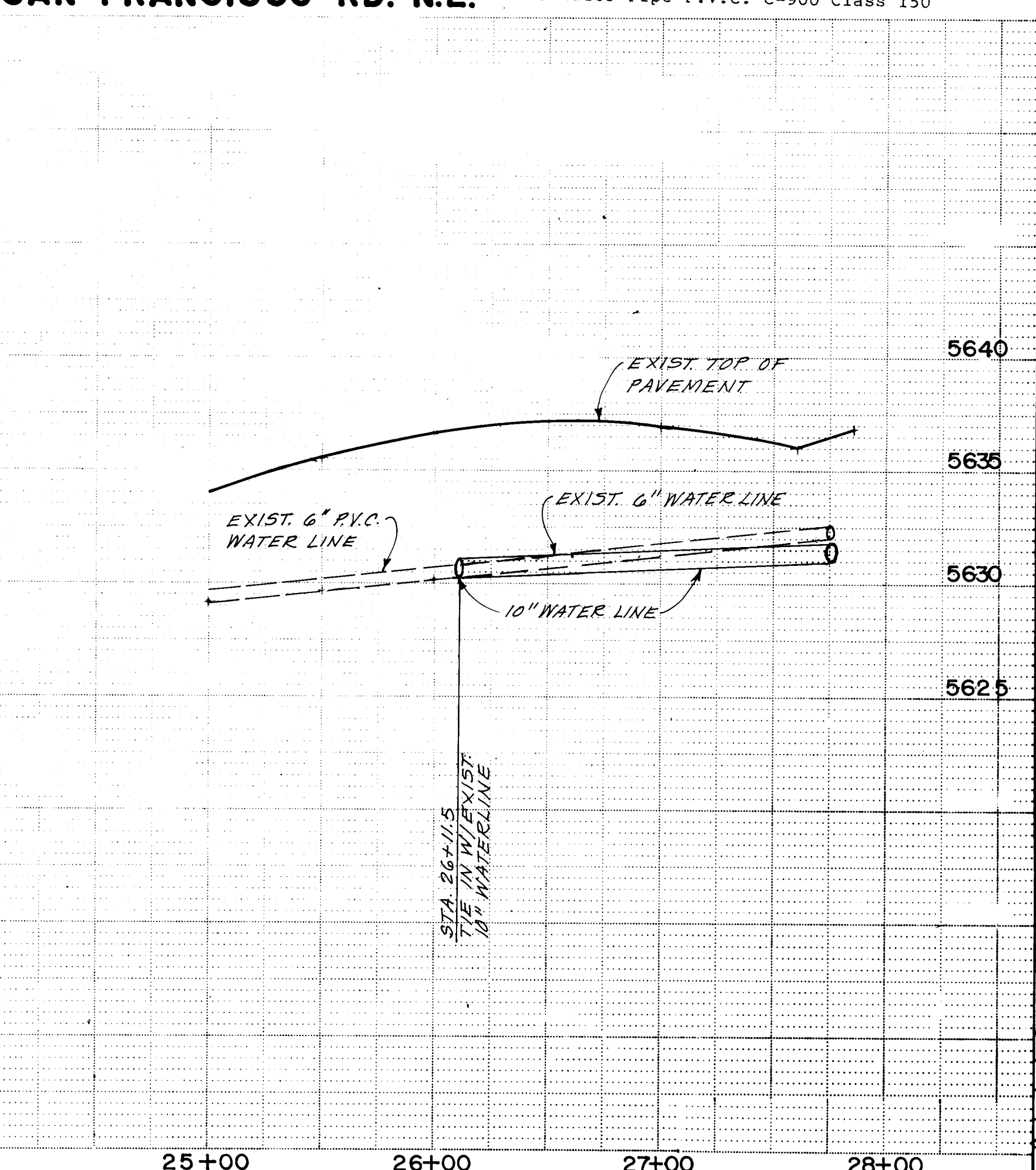
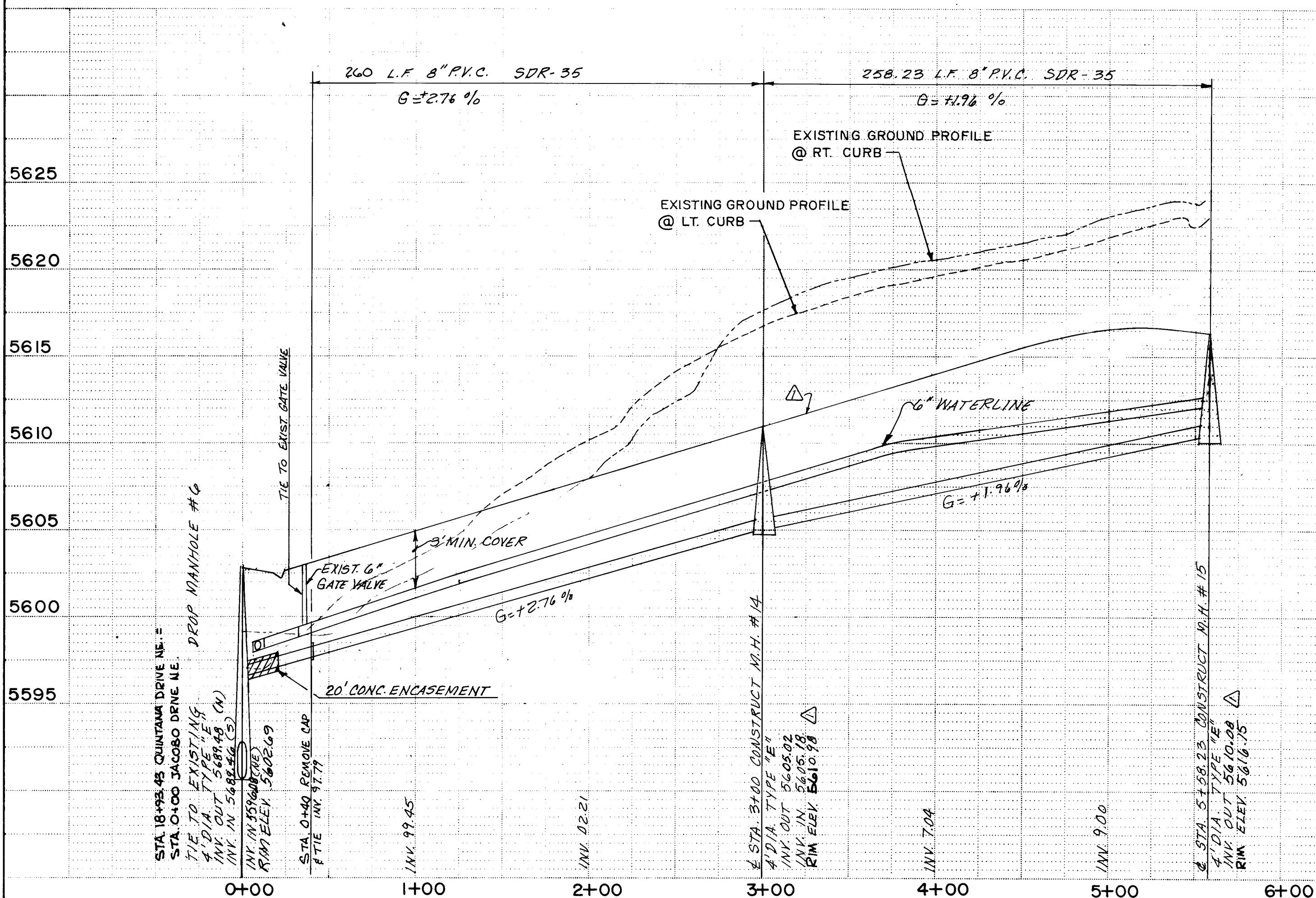
26 2494086

CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION			
TITLE: HERITAGE EAST UNIT 4 CARGO AVE. N.E. UTILITIES PLAN & PROFILE			
APPROVALS	ENGINEER	DATE	APPROVALS
City Engineer	<i>[Signature]</i>	7/24/85	ENGINEER
A.C.E. Design	<i>[Signature]</i>	7/24/85	DATE
Hydrology	<i>[Signature]</i>	7/24/85	DATE

REVISIONS	DESIGN	DATE
1	DESIGN	7/24/85
2	DESIGN	7/24/85
3	DESIGN	7/24/85
4	DESIGN	7/24/85
5	DESIGN	7/24/85
6	DESIGN	7/24/85
7	DESIGN	7/24/85
8	DESIGN	7/24/85
9	DESIGN	7/24/85
10	DESIGN	7/24/85
11	DESIGN	7/24/85
12	DESIGN	7/24/85

DESIGNED BY	DATE	CHECKED BY	DATE
<i>[Signature]</i>	7/24/85	<i>[Signature]</i>	7/24/85
DRAWN BY	DATE	CHECKED BY	DATE
<i>[Signature]</i>	7/24/85	<i>[Signature]</i>	7/24/85
CHECKED BY	DATE	CHECKED BY	DATE
<i>[Signature]</i>	7/24/85	<i>[Signature]</i>	7/24/85

DRAWING NO.	MAP NO.	SHEET OF
2494	D-20-Z	40 45

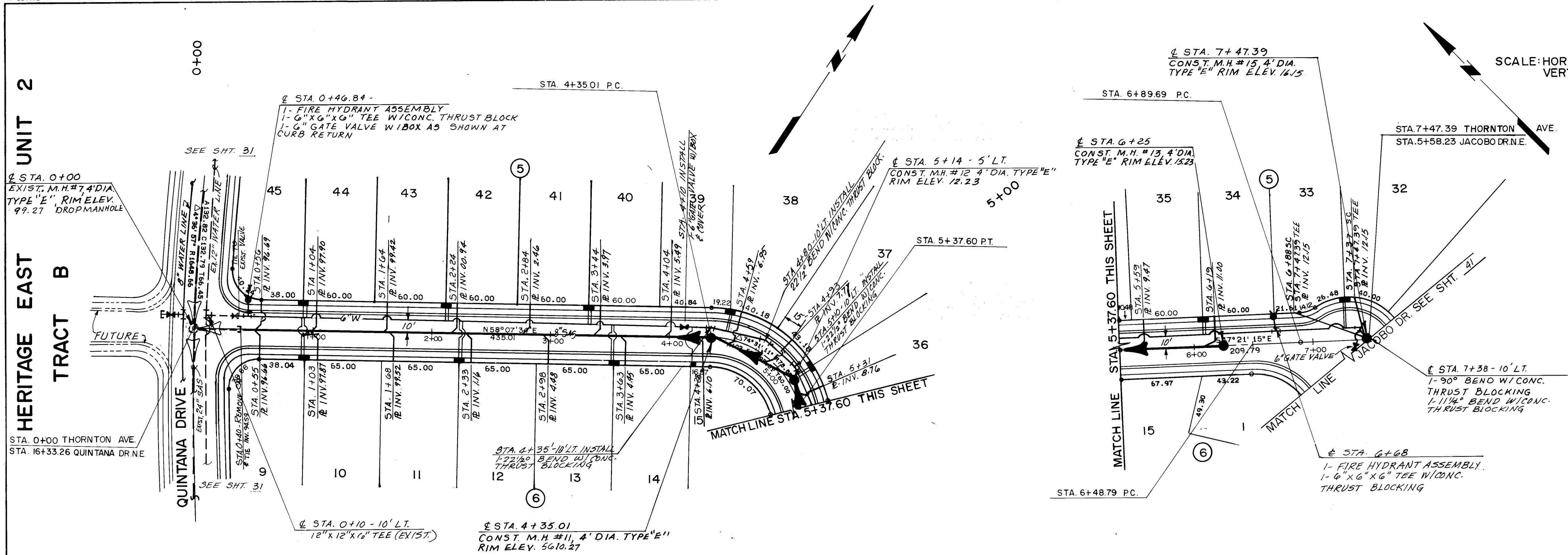


NOTE:

SEE SHT 11 FOR GENERAL NOTES

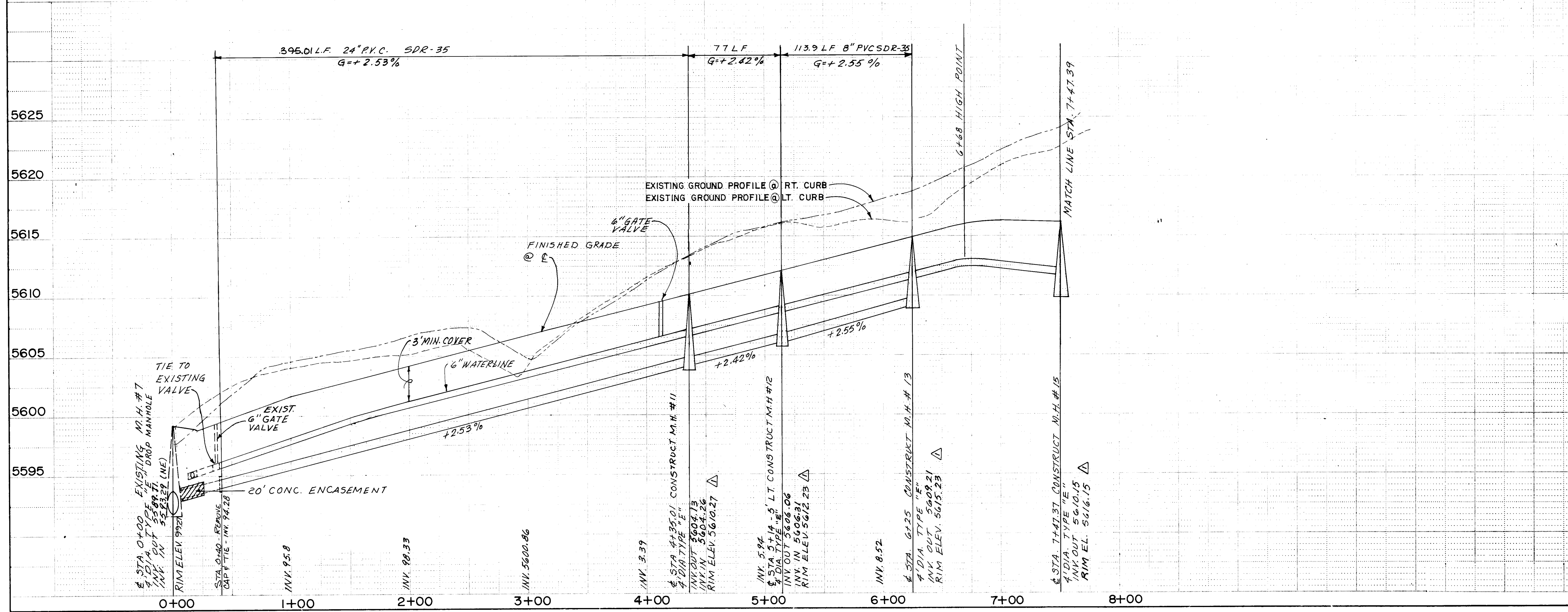
[illegible]

UNIT 2
HERITAGE EAST
TRACT B



HERITAGE EAST
UNIT 4

THORNTON AVE. N.E.



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

LEGEND

	NEW	EXIST
SAN. SEWER M.H.	—●—	—○—
SEWER LINE	—SAS—	—SAS—
SEWER ENCASED	—W—	—W—
WATER LINE	—W—	—W—
GATE VALVES	—X—	—X—
FIRE HYDRANTS	—H—	—H—
WATER METER, SINGLE	—M—	—M—
WATER METER, DOUBLE	—M—	—M—
SEWER SERVICE LINE	—S—	—S—

NOTE:
SEE SHT. 11 FOR GENERAL NOTES

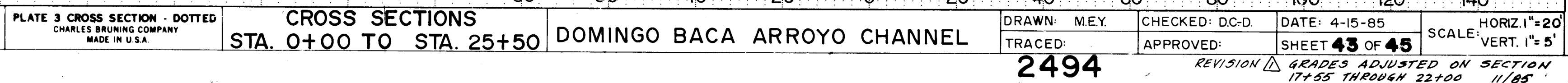
1	2	3	4	5	6	7	8	9	10	11	12
2	6	2	4	9	4	4	2	8	6		

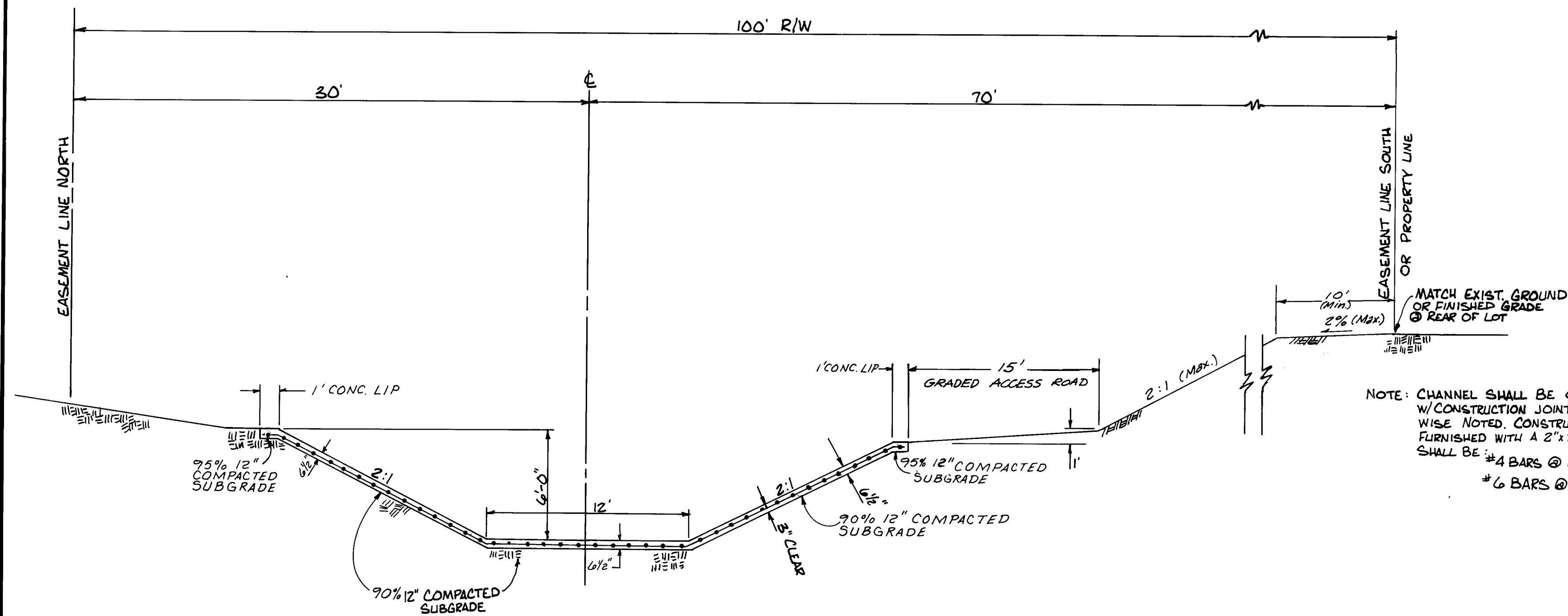
RECORD
Drawings 2-24-86

CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION			
TITLE: HERITAGE EAST UNIT 4 THORNTON AVE. N.E. UTILITIES PLAN & PROFILE			
APPROVALS	ENGINEER	DATE	APPROVALS
City Engineer	<i>C. J. Stapp</i>	7/24/85	Liquid Waste
A.C.E. Design	<i>NA</i>	7/24/85	Traffic
Hydrology	<i>NA</i>	7/24/85	Water
DESIGNED BY	PA	DATE 4-30-85	REVISIONS
DRAWN BY	B.G.	DATE 5-1-85	DESIGN
CHECKED BY	G.G.	DATE 5-3-85	
DRAWING NO.	2494	MAP NO.	D-20-Z
		SHEET	42 OF 45

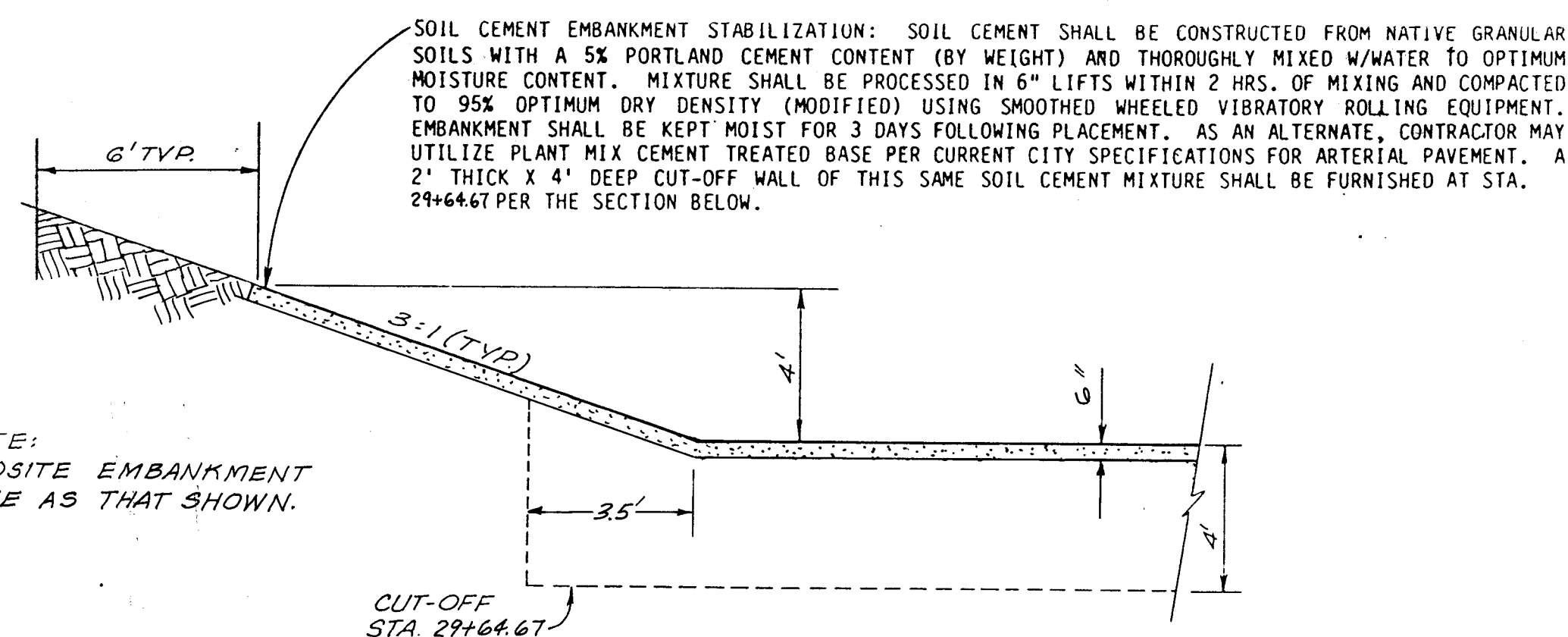
AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	ACCS. BRASS TABLET STAMPED "4-D20-1978" SET IN TOP OF A CONCRETE POST FLUSH W/GROUND APPROX 43 MILES SOUTH OF LOS ANGELES, 10001 WEST OF HOLBROOK STREET ELEV. 5624.779'	DATE	NO.	BY	PA	REMARKS
INSPECTOR'S NAME	DATE						
FIELD STAKE BY	DATE						
VERIFICATION BY	DATE						
CORRECTED BY	DATE						
MICRO-FILM INFORMATION							
RECORDED BY	NO.						

ORIGINAL			BY	DATE
SURVEYED				
PLOTTED				
TEMPLATE				
AREAS				
AREAS CHECKED				
NO.				

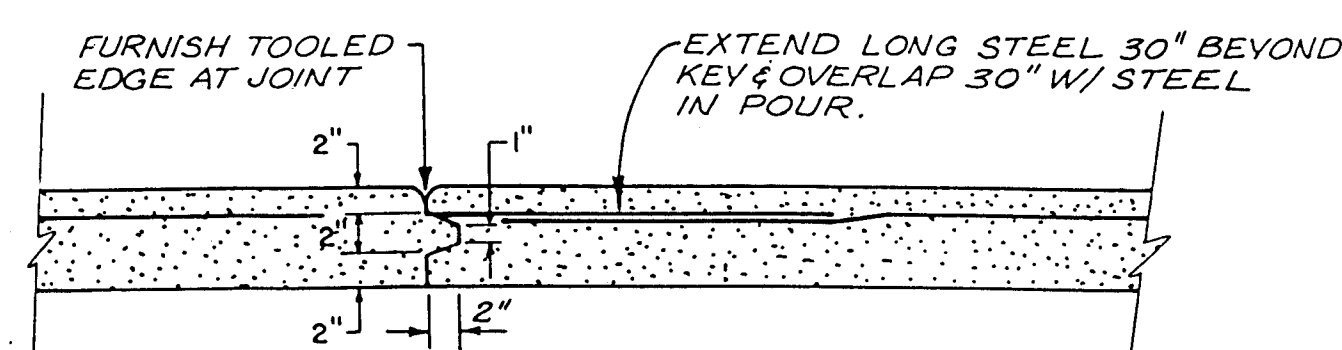




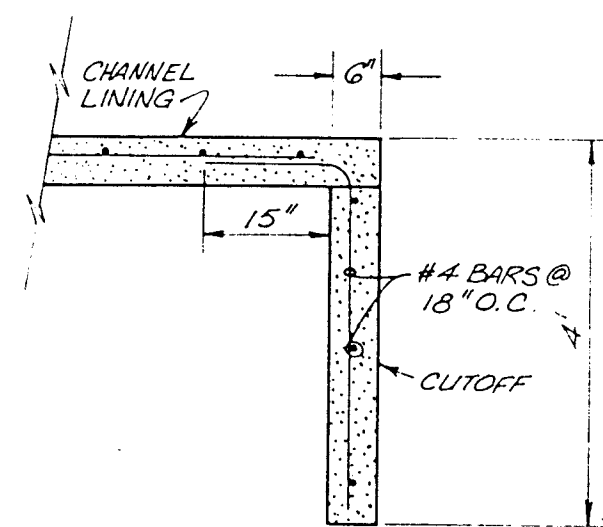
TYPICAL CHANNEL SECTION
SCALE: 1" = 5'



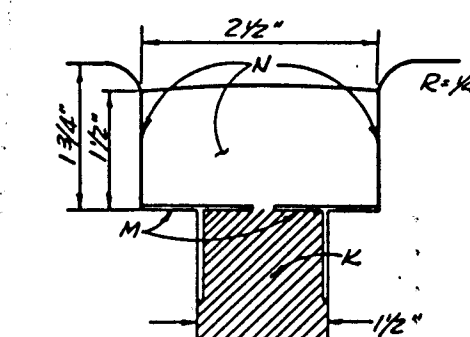
SOIL CEMENT EMBANKMENT SECTION



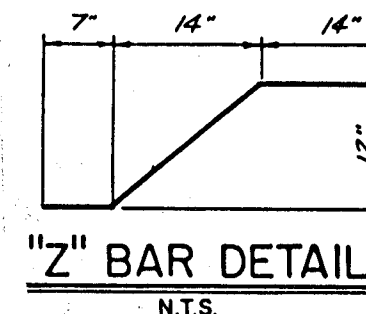
TYPICAL CONSTRUCTION JOINT
N.T.S.



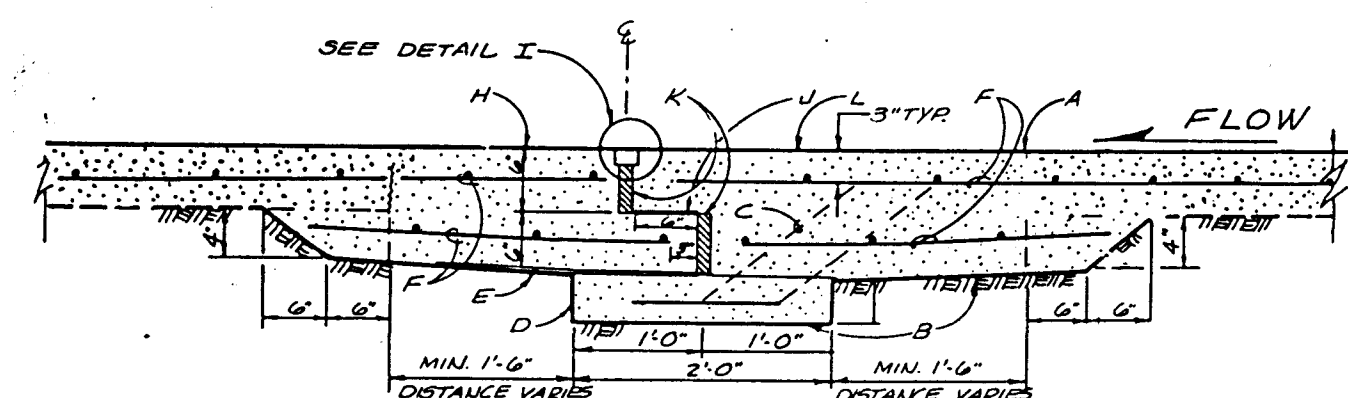
CHANNEL TO CUTOFF STEEL TIES
N.T.S.



DETAIL I
N.T.S.



2" BAR DETAIL
N.T.S.



CROSS SECTION DETAIL OF EXPANSION JOINT WITH CONCRETE SLEEPER
N.T.S.

CONSTRUCTION NOTES:

- SAW CUT EXISTING CONCRETE LINING AS MARKED IN FIELD 1" TO 1 1/2" DEEP, BREAK OUT AND REMOVE EXISTING LINING AND JOINT. CAREFULLY PRESERVE REINFORCING STEEL 18" FROM CUT.
- RE-COMPACT SUB-GRADE TO MIN. 90% PER ASTM D 1557. SHAPE TO DIMENSIONS SHOWN.
- TIE STEEL AS SHOWN: #4 GRADE 40 OR 60: REVERSE Z BAR EVERY OTHER SPACE. SEE DETAIL FOR Z BAR THIS SHEET.
- FORM AND POUR 4000 PSI FLY ASH CONCRETE SLEEPER. RECOMPACT ADJACENT SOIL.
- POLYETHYLENE BEARING PLATE, 1/4" x 18", LOW DENSITY, PLACED FLAT ON SAME GRADE AS CHANNEL.
- TIE STEEL AS SHOWN: #5 GRADE 60 @ 12" PARALLEL TO CHANNEL AND #4 GRADE 40 OR 60 @ 18" MAXIMUM SPACING TRANSVERSE TO CHANNEL. SUPPORT BOTTOM MAT WITH PREFORMED CONCRETE CHAIRS. STEEL SHALL BE FREE OF RUST SCALE.
- SANDBLAST BROKEN EDGE OF EXISTING CONCRETE AND APPLY TWO COMPONENT EPOXY BONDING AGENT, EVA-POX HI MOD., OR EQUAL, PRIOR TO PLACING NEW CONCRETE.
- FORM, POUR DOWNSTREAM CONCRETE SECTION AS SHOWN WITH 4000 PSI FLY ASH CONCRETE WITH ALUMINUM FLOAT AND DRY BROOM FINISH. STEEL TROWEL BEARING PLATE SURFACE ONLY, PARALLEL TO THE CONCRETE SLEEPER SURFACE.
- PLACE 1/4" x 6" LOW DENSITY POLYETHYLENE BEARING PLATE AS SHOWN BETWEEN THE TWO FILLER SECTIONS.
- PLACE FOAM POLYETHYLENE FILLERS AS SHOWN PLASTAZOTE OR EQUAL. DO NOT ANCHOR WITH NAILS. KEEP FILLER FLAT AGAINST POURED CONCRETE SECTION WITH FRESH CONCRETE WHEN POURING UPSTREAM SECTION.
- POUR UPSTREAM SECTION AS PER SKETCH AND AND NOTE "F".
- PLACE POLYETHYLENE BOND BREAKER UNDER STEEL.
- APPLY 2 COMPONENT EPOXY BONDOR TO BOTH SIDES EVA-POX BONDOR OR EQUAL AND IMMEDIATELY INSTALL ETHYLENE VINYL ACETATE FOAM SEALANT. EVA-SEAL OR EQUAL AS SHOWN. DIMENSION OF SEALANT BEFORE INSTALLATION SHALL BE 3" WIDE AND 1 1/2" DEEP.
- CONSTRUCT SIDE SLOPES, IF REQUIRED BY THE CONTRACT PER DWG.

1	2	3	4	5	6	7	8	9	10	11	12
2	6	2	4	9	4	4	4	8	6		

RECORD
Drawings 2-24-86

CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION					
TITLE: HERITAGE EAST UNIT 4 DRAINAGE CHANNEL DETAILS					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>C. J. Thompson</i>	7/24/85	Liquid Waste	<i>NA</i>	7/24/85
A.C.E.-Design	<i>J. J. Adams</i>	8/12/85	Traffic	<i>NA</i>	8/12/85
Hydrology	<i>J. J. Adams</i>	7/24/85	Water	<i>NA</i>	7/24/85
DESIGNED BY		DATE	DRAWN BY		DATE
		5-1-85			5-2-85
CHECKED BY		DATE	CHECKED BY		DATE
		5-3-85			
DRAWING NO.		2494	MAP NO.		D-20-Z
SHEET		44	OF		45

				ENGINEER'S SEAL	SURVEY INFORMATION	BENCH MARKS	AS BUILT INFORMATION
					FIELD NOTES		
					BY DATE		
					NO.		
							CONTRACTOR WORK STAKED BY DATE
							INSPECTORS ACCEPTANCE BY DATE
			BY				FIELD VERIFICATION BY DATE
		REMARKS				HOLBROOK STREET ELEV. 9624.779'	DRAWN BY DATE
		REVOLUTIONS					CHECKED BY DATE
		DESIGN					MICRO-FILM INFORMATION
		DESIGNED BY P.A.	DATE 4-27-85				RECORDED BY DATE
		DRAWN BY G.G.	DATE 4-20-85				NO.
		CHECKED BY C.C.	DATE 6-3-85				