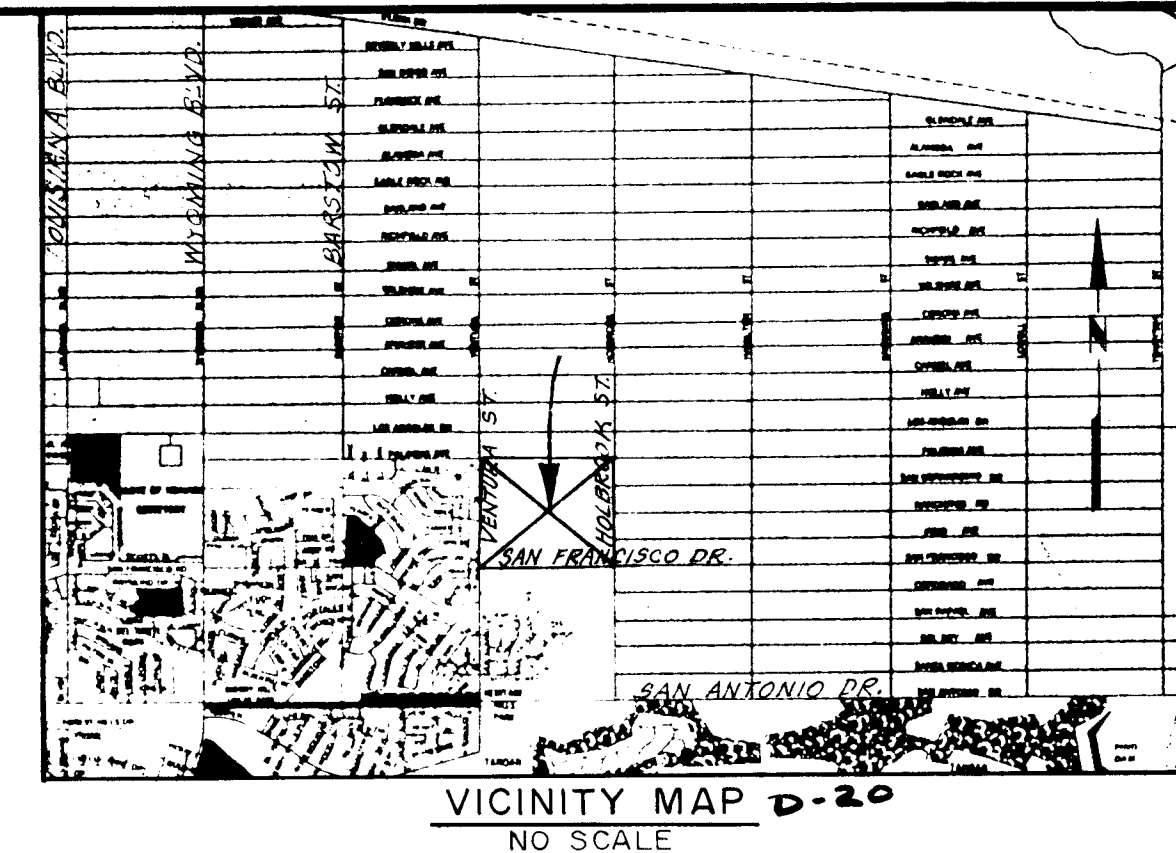


MASTER
WATER AND SEWER LINES
FOR
HERITAGE EAST
UNIT 4
IN
ALBUQUERQUE, NEW MEXICO
FOR
BELLAMAH COMMUNITY DEVELOPMENT

DESCRIPTION		INDEX	SHEET NUMBER
TITLE	PAGE		1
MASTER LAYOUT			2
PLAN & PROFILE FOR WATER & SEWER			3-6



GENERAL NOTES

- All work detailed on these plans to be performed under this contract shall be constructed in accordance with the City of Albuquerque Interim Standard Specifications for Public Works Construction - 1985 Edition (referred herein as the Standard Specification) and the Supplemental Specifications of this project unless otherwise noted in the contract documents.
- Two (2) working days prior to any excavation, Contractor must contract 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 potential obstructions. Should a conflict exist, the Contractor shall notify the Engineer so that the conflict can be resolved with a minimum amount of delay.
- All work on this project shall be performed in accordance with applicable Federal, State and Local laws, rules, and regulations concerning construction safety and health.
- Contractor shall maintain access to adjacent properties during construction.
- All gas, electric, telephone lines, cables, and appurtenances encountered during construction that require relocation, shall be done by the responsible utility. Contractor shall be responsible for coordination of all necessary utility adjustments.
- It will be the Contractor's responsibility to protect and maintain in service all existing utilities.
- The Contractor will be required to confine his work within the construction limits and/or public right-of-way to preserve existing vegetation and private property. Overnight parking of construction equipment shall not obstruct driveways or designated traffic lanes.
- A disposal site for all excess excavation material, asphaltic paving, concrete curbs and sidewalks, etc., shall be obtained by the Contractor in compliance with applicable environmental regulations and approved by the Field Engineer. All costs incurred in obtaining a disposal site and haul thereto shall be considered incidental to the project and no separate measurement or payment shall be made.
- Where removal of existing curbs and gutters, sidewalk or pavement is required, Contractor shall sawcut and/or remove to the nearest joint. Curb and gutter shown on these plans as existing and not to be removed under this contract, which is damaged or displaced by the Contractor shall be removed and replaced at the Contractor's expense.
- When abutting new pavement to existing, sawcut existing pavement to a straight edge and at a right angle, or as approved by the Project Engineer, to remove any broken or cracked pavement.
- All stationing shown on these plans is based on street centerline or centerline of pipe unless noted otherwise.
- The Contractor must submit a construction signing and barricading plan to Traffic Engineering prior to construction to receive a barricading permit.
- Backfill compaction shall be according to specified street use.
- All trench backfill shall be compacted to minimum 90 % maximum density as per ASTM - D1557.
- Any existing utility service lines that do not require relocation and are damaged by the Contractor shall be removed and replaced at the Contractor's expense. This expense shall be considered incidental to the project and no separate payment shall be made.

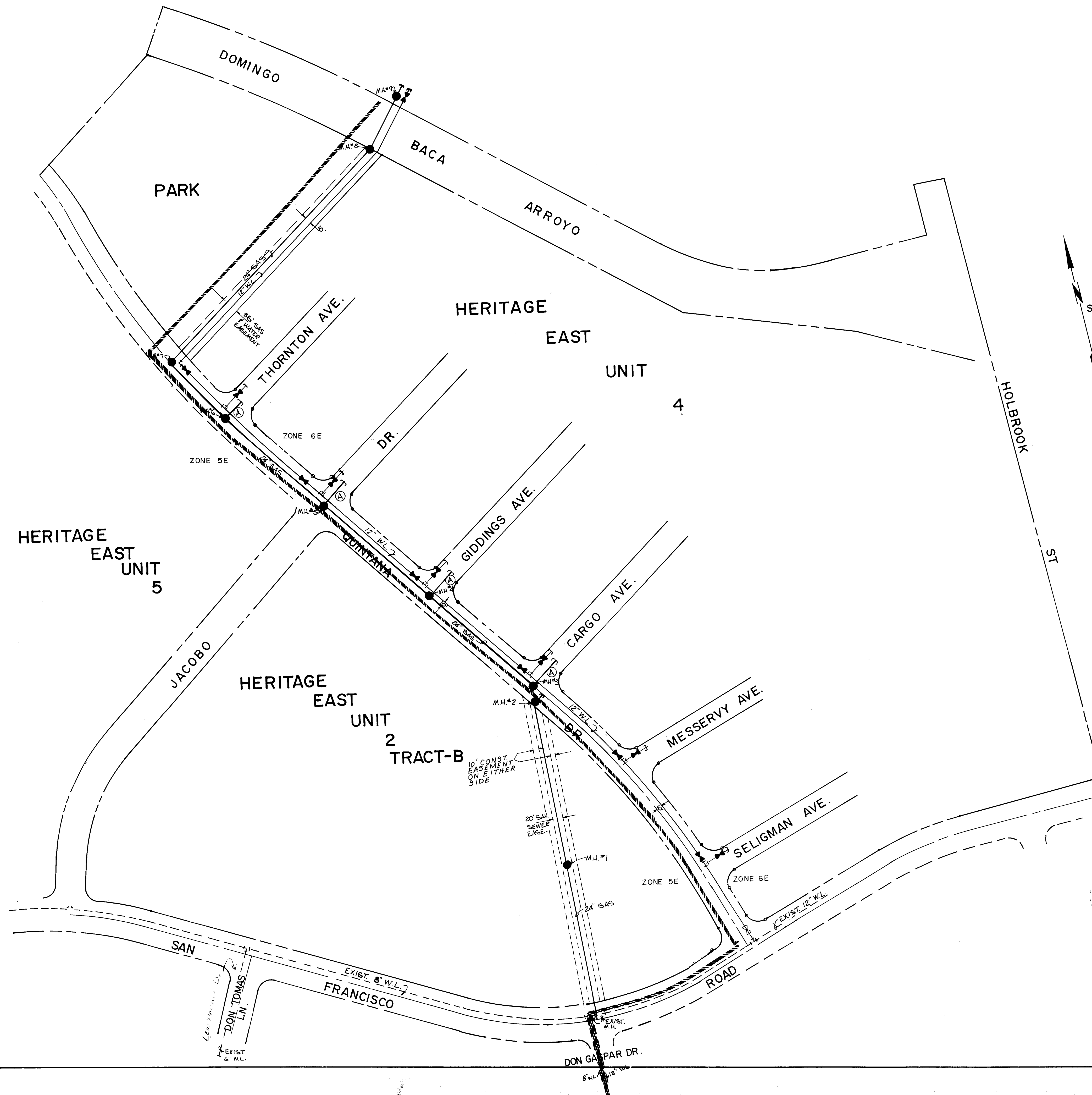
26 86080186

5/2/86
Brian D. [Signature]
[Stamp]

SET NO.
DATE

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

	GARDNER, MASON & ASSOC., INC. ALBUQUERQUE, NEW MEXICO	APPROVED FOR CONSTRUCTION [Signature] CITY ENGINEER DATE
	2608 D-20-Z	SHEET 1 OF 6



LEGEND			CONSTRUCTION NOTES:		
NEW	EXIST.				
SAN. SEWER M.H.	—●—	—○—			
SEWER LINE	—SAS—	—SAS—			
SEWER ENCASED	—[Hatched]—	—[Hatched]—			
WATER LINE	—W—	—W—			
GATE VALVES	—GV—	—GV—			
FIRE HYDRANTS	—FH—	—FH—			
WATER METER, SINGLE	—WM—	—WM—			
WATER METER, DOUBLE	—WM—	—WM—			
WATER LEVEL ZONE BOUNDARY LINE	—[Thick Dashed]—				

CONSTRUCTION NOTES:

(A) Construct vertical drop at M.H. as per City Standard Drawing S-4 and construct a 40" stub with cap.

SCALE: 1"=100'

26 26080286

Brian Dolan
5/2/86

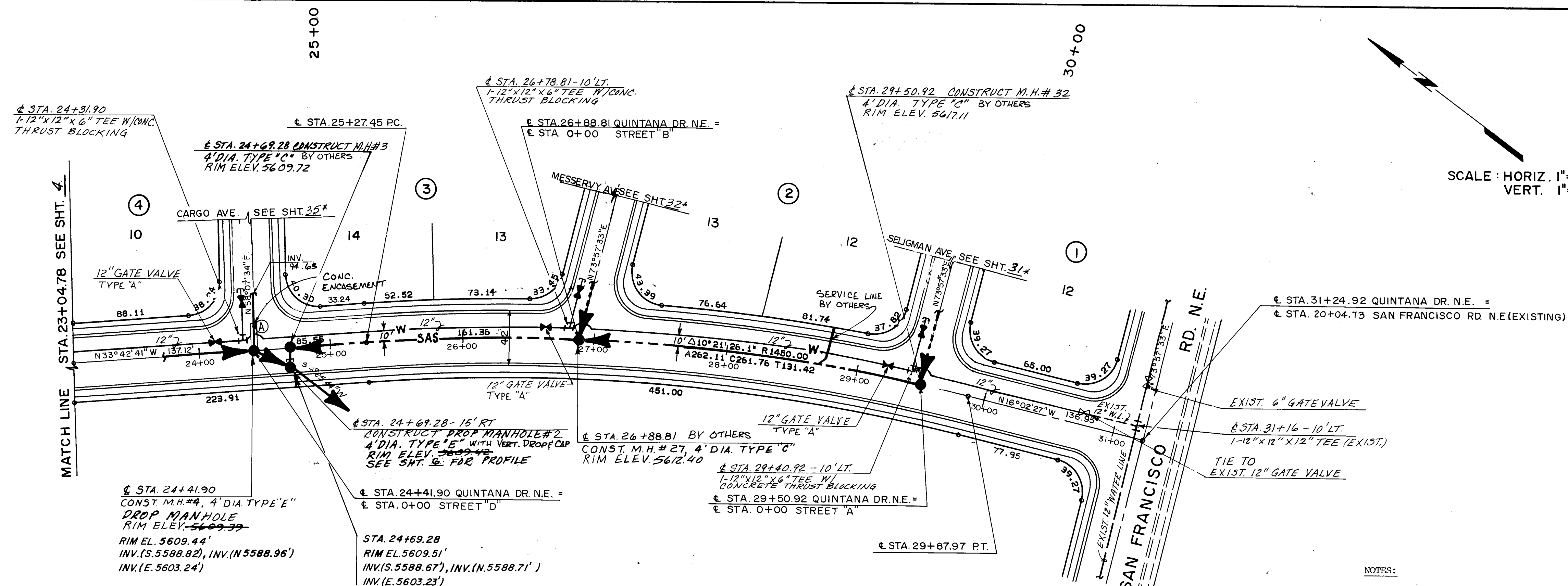
CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION		
TITLE: HERITAGE EAST UNIT 4 MASTER PLAN LINES		
APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	8/1/85
A.C.E. - Design	<i>[Signature]</i>	8/16/85
A.C.E. - Hydrology	<i>[Signature]</i>	8/16/85
APPROVALS	ENGINEER	DATE
Liquid Waste	<i>[Signature]</i>	8/1/85
Traffic	<i>[Signature]</i>	8/16/85
Water	<i>[Signature]</i>	8/16/85

DRAWING NO.	MAP NO.	SHEET	OF
2608	D-20-Z	2	6

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	STAMPED	SET IN	NO.	BY	NO.	DATE
CONTRACTOR	DATE	STAMPED	SET IN	NO.	BY	NO.	DATE
CONTRACTOR	DATE	STAMPED	SET IN	NO.	BY	NO.	DATE

REVISIONS		DESIGN	
NO.	DATE	NO.	DATE
1	6-28-85	1	6-28-85
2	7-2-85	2	7-2-85
3	7-17-85	3	7-17-85

REVISIONS		DESIGN	
NO.	DATE	NO.	DATE
1	6-28-85	1	6-28-85
2	7-2-85	2	7-2-85
3	7-17-85	3	7-17-85



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		
FUTURE WATER LINE		
FUTURE 8" SAS		

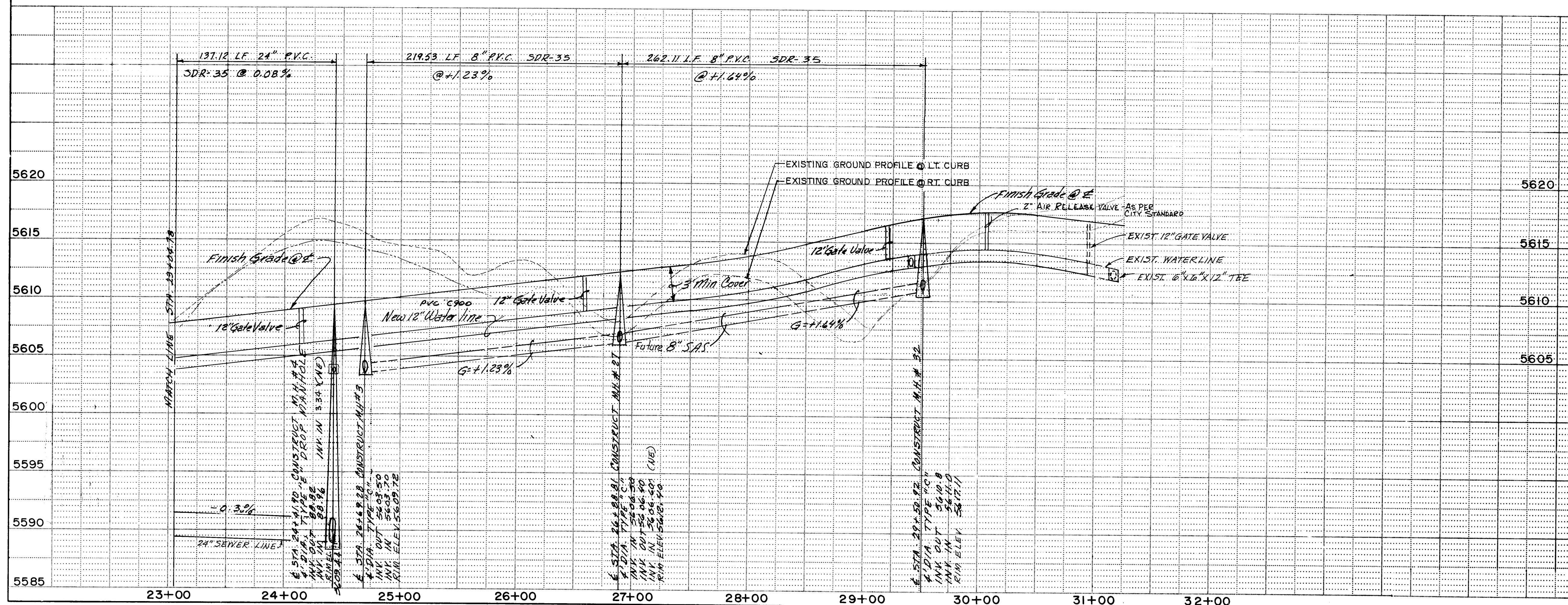
NOTES:

- STEPS INSIDE MANHOLES SHALL BE 1/2", 60 GRADE STEEL REBAR INCAPSULATED IN PLASTIC. M.A. INDUSTRIES MODEL NO. P-2-PFS OR EQUIVALENT.
- ALL WATER VALVES BOXES SHALL BE TYPE "A" AS PER CITY STANDARD DETAIL NO. W-2.
- SEE CITY STANDARD DETAILS NO. W-8 & W-22 FOR ANCHORING AND BLOCKING DETAILS.

QUINTANA DRIVE N.E.

HERITAGE EAST
UNIT 4

FUTURE 8" SAS TO BE
CONSTRUCTED BY OTHERS



CONSTRUCTION NOTES:

- CONSTRUCT VERTICAL DROP AT M.H. AS PER CITY STANDARD DRAWING S-4 AND CONSTRUCT A 40' STUB WITH CAP

26 26080586

Brian Dolan
5/2/86

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

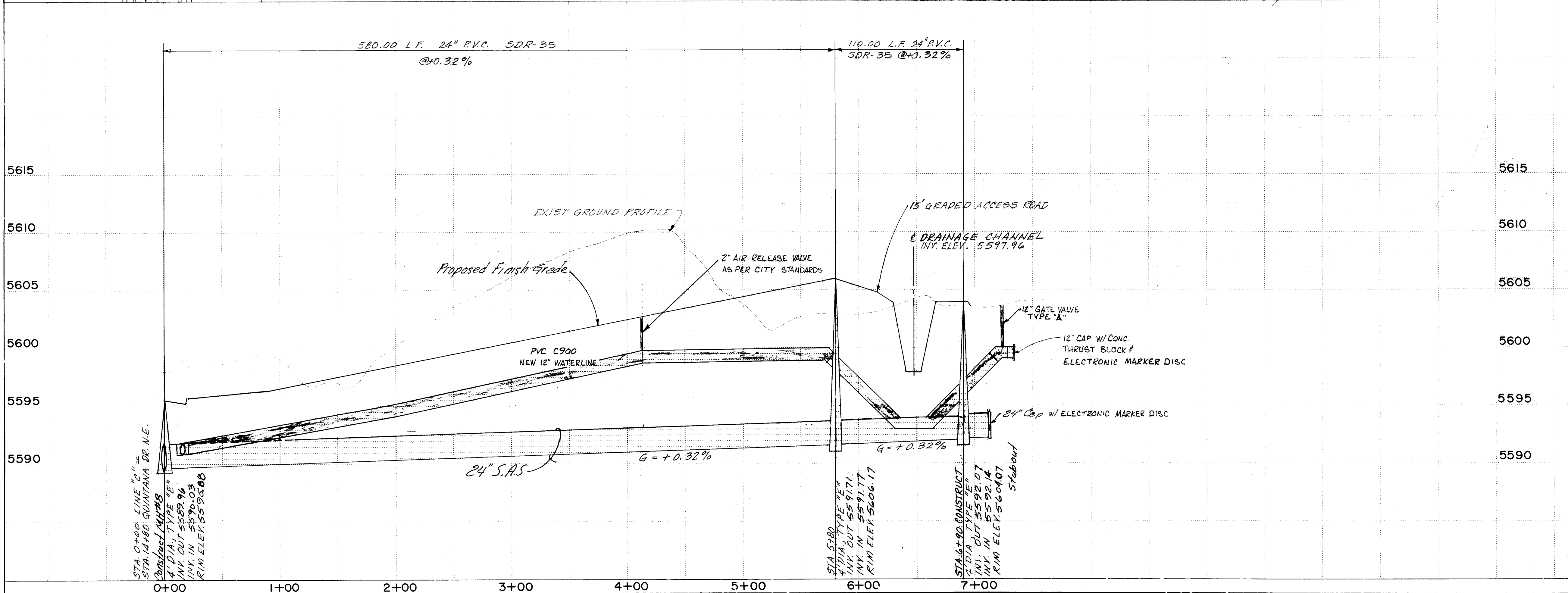
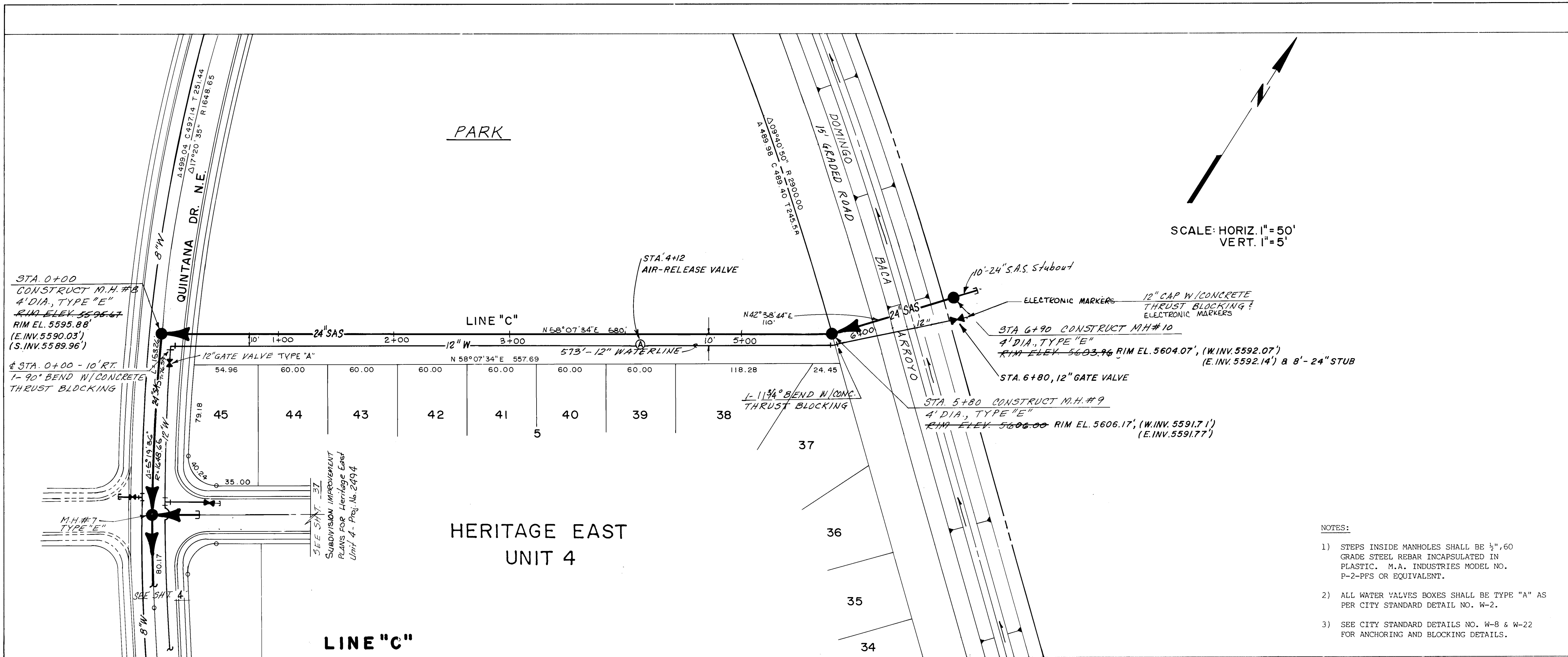
TITLE: HERITAGE EAST UNIT 4
MASTER PLAN LINES

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	8/1/85	Liquid Waste	<i>[Signature]</i>	8/1/85
A.C.E. - Design	<i>[Signature]</i>	8/1/85	Traffic	<i>[Signature]</i>	8/1/85
Hydrology	<i>[Signature]</i>	8/1/85	Water	<i>[Signature]</i>	8/1/85

DRAWING NO.	2608	MAP NO.	D-20-Z	SHEET	5	OF	6
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AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	New Concepts	AC.S. 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.		FIELD NOTES			
WORK STARTED BY	New Concepts	DATE		NO.	BY		
INSPECTORS	DATE						
FIELD	DATE						
VERIFICATION BY	DATE						
CONTRACTED BY	DATE						
RECORDED BY	DATE						
NO.							

CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION			
TITLE: HERITAGE EAST UNIT 4 MASTER PLAN LINES			
APPROVALS	ENGINEER	DATE	APPROVALS
City Engineer	<i>C.D. [Signature]</i>	<i>9/16/85</i>	Liquid Waste
A C E - Design	<i>A.C.P. [Signature]</i>	<i>9/16/85</i>	Traffic
A C E - Hydrology	<i>N.A. [Signature]</i>	<i>9/16/85</i>	Water
			ENGINEER
			<i>R.P. [Signature]</i>
			<i>W.B. [Signature]</i>
			<i>R.P. [Signature]</i>
DRAWING NO. 2608		MAP NO. D-20-Z	SHEET 6 OF 6



- NOTES:
- 1) STEPS INSIDE MANHOLES SHALL BE 1/2", 60 GRADE STEEL REBAR ENCAPSULATED IN PLASTIC. M.A. INDUSTRIES MODEL NO. P-2-PPS OR EQUIVALENT.
 - 2) ALL WATER VALVES BOXES SHALL BE TYPE "A" AS PER CITY STANDARD DETAIL NO. W-2.
 - 3) SEE CITY STANDARD DETAILS NO. W-8 & W-22 FOR ANCHORING AND BLOCKING DETAILS.

LEGEND	
NEW	EXIST.
SAN. SEWER M.H.	---
SEWER LINE	---
SEWER ENCASED	---
WATER LINE	---
GATE VALVES	---
FIRE HYDRANTS	---
WATER METER, SINGLE	---
WATER METER, DOUBLE	---

REVISIONS	
NO.	DATE
1	6-20-85
2	6-25-85
3	7-19-85

CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION					
TITLE: HERITAGE EAST UNIT 4 MASTER PLAN LINES					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	C.D. Chappell	8/1/85	Liquid Waste	R. Pina	8/7/85
A.C.E. - Design	N.A. B. G. B.	8/1/85	Traffic	N.A. B. G. B.	8/1/85
Hydrology	N.A. B. G. B.	8/1/85	Water	R. Pina	8/7/85

DRAWING NO.	2608	MAP NO.	D-20-Z	SHEET	3	OF	6
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