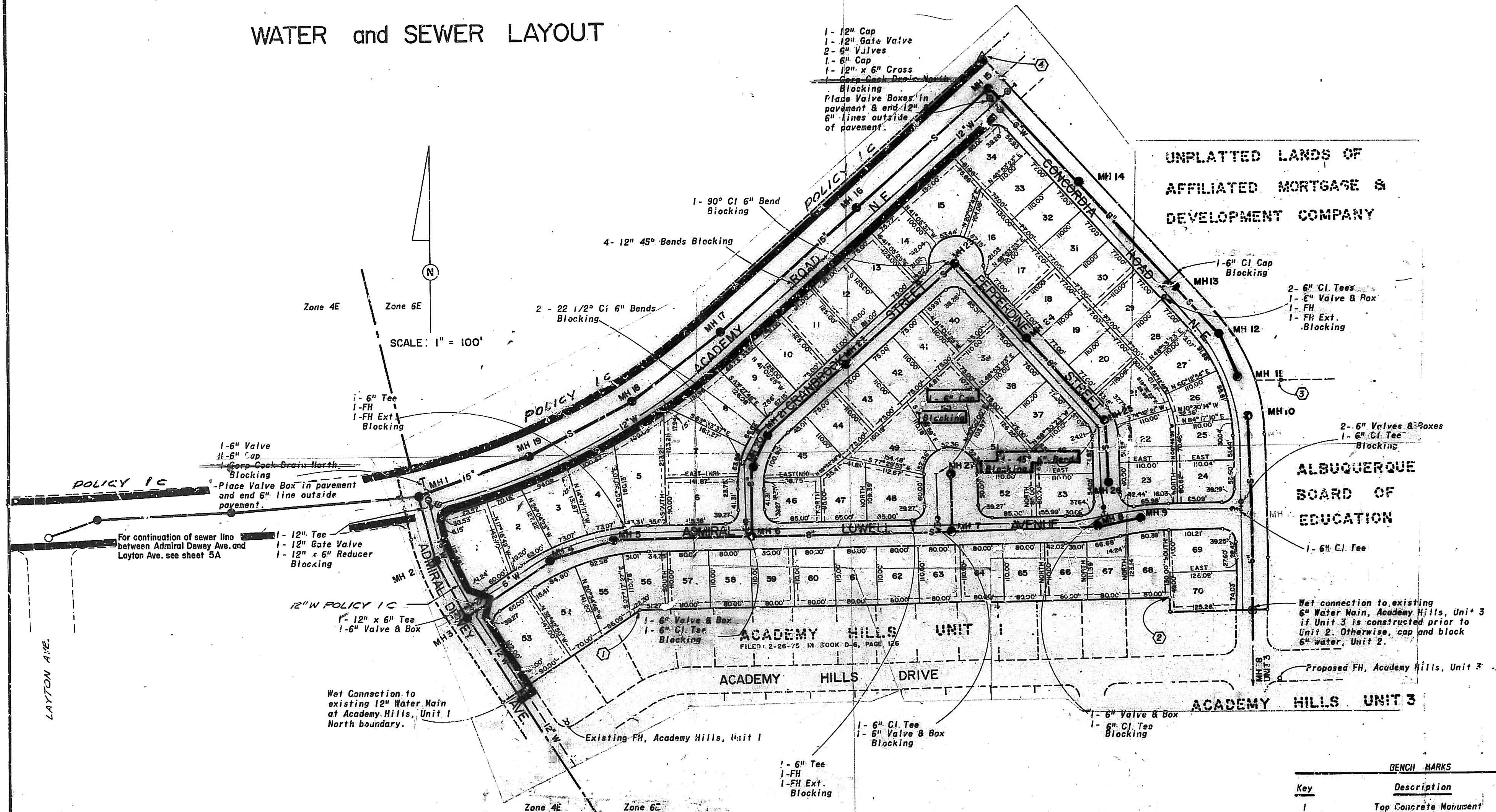


ACADEMY HILLS SUBDIVISION UNIT 2

WATER and SEWER LAYOUT

NOTES:

1. All fire hydrants are 4' bury typical
2. All sewer mains are 8" dia. VCP.
3. All water mains are 6" dia. and 12" dia. as shown.



BENCH MARKS		
Key	Description	Elevation
1	Top Concrete Monument	5595.53
2	Top Brass Cap	5627.76
3	Top of Rear 8" Cap set in Conc. Mon.	5339.96
4	Top of Brass Cap	5598.55

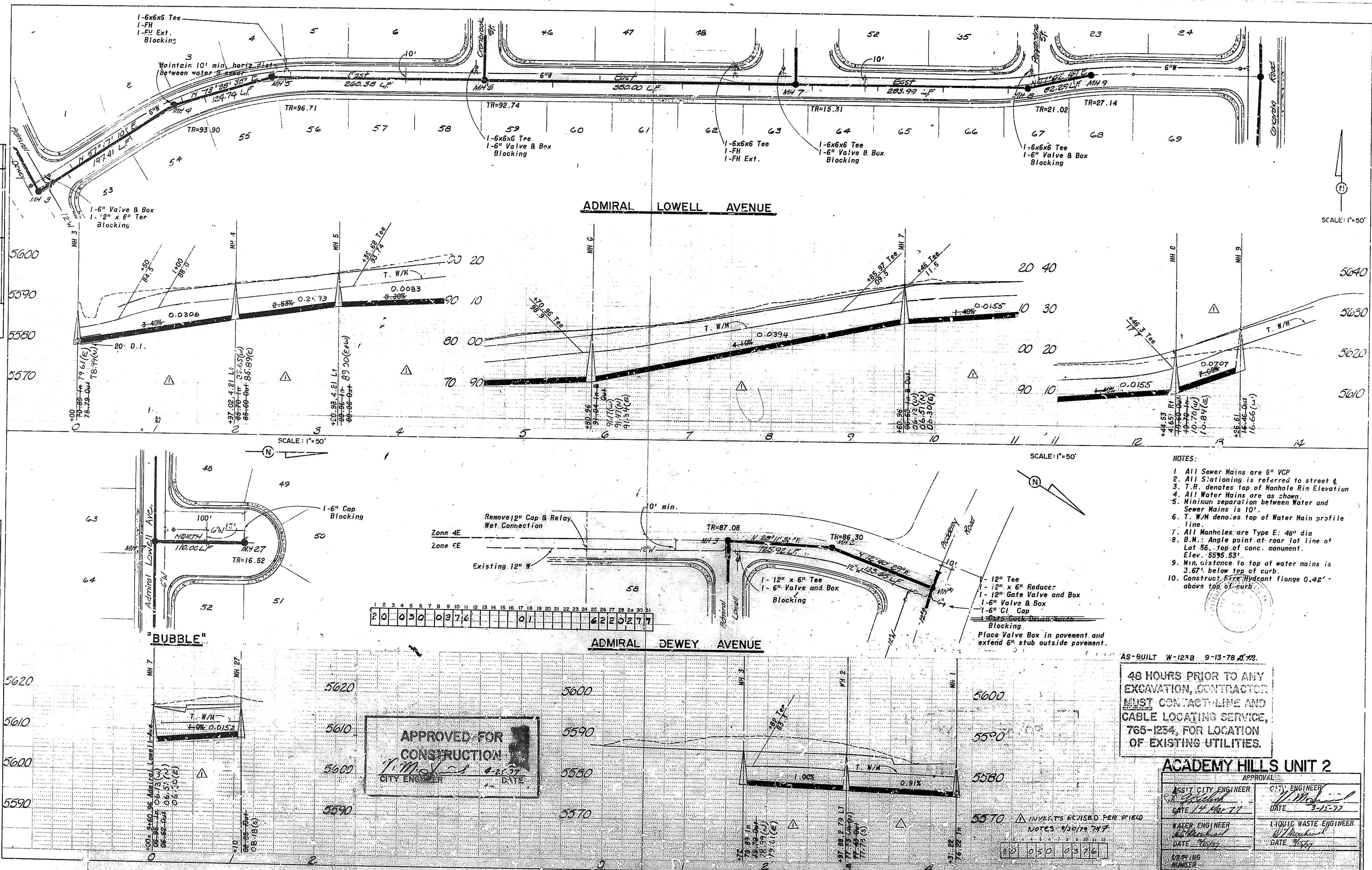
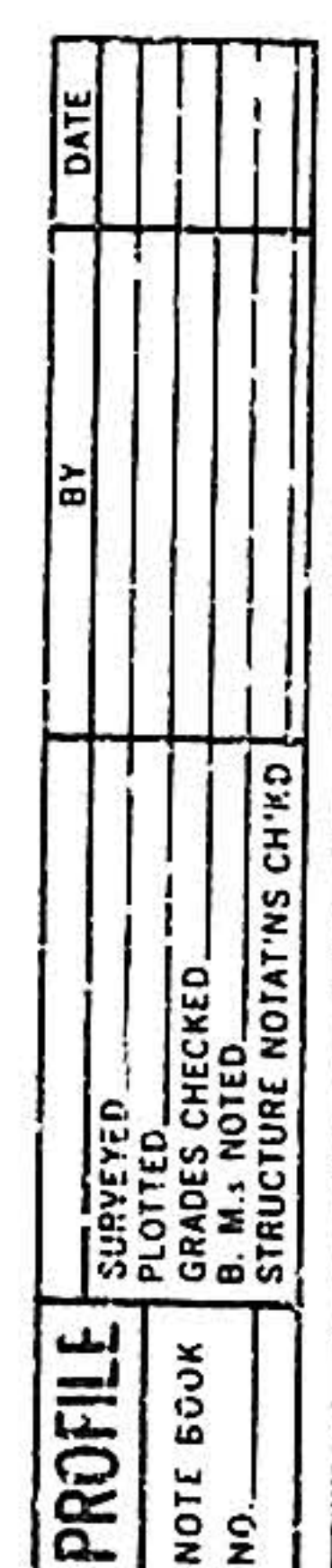
APPROVED FOR CONSTRUCTION
 DATE: 4-25-77
 CITY ENGINEER

AS-BUILT W-123A-76 9-13-78 J.M.
48 HOURS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE AND CABLE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.

ACADEMY HILLS UNIT 2

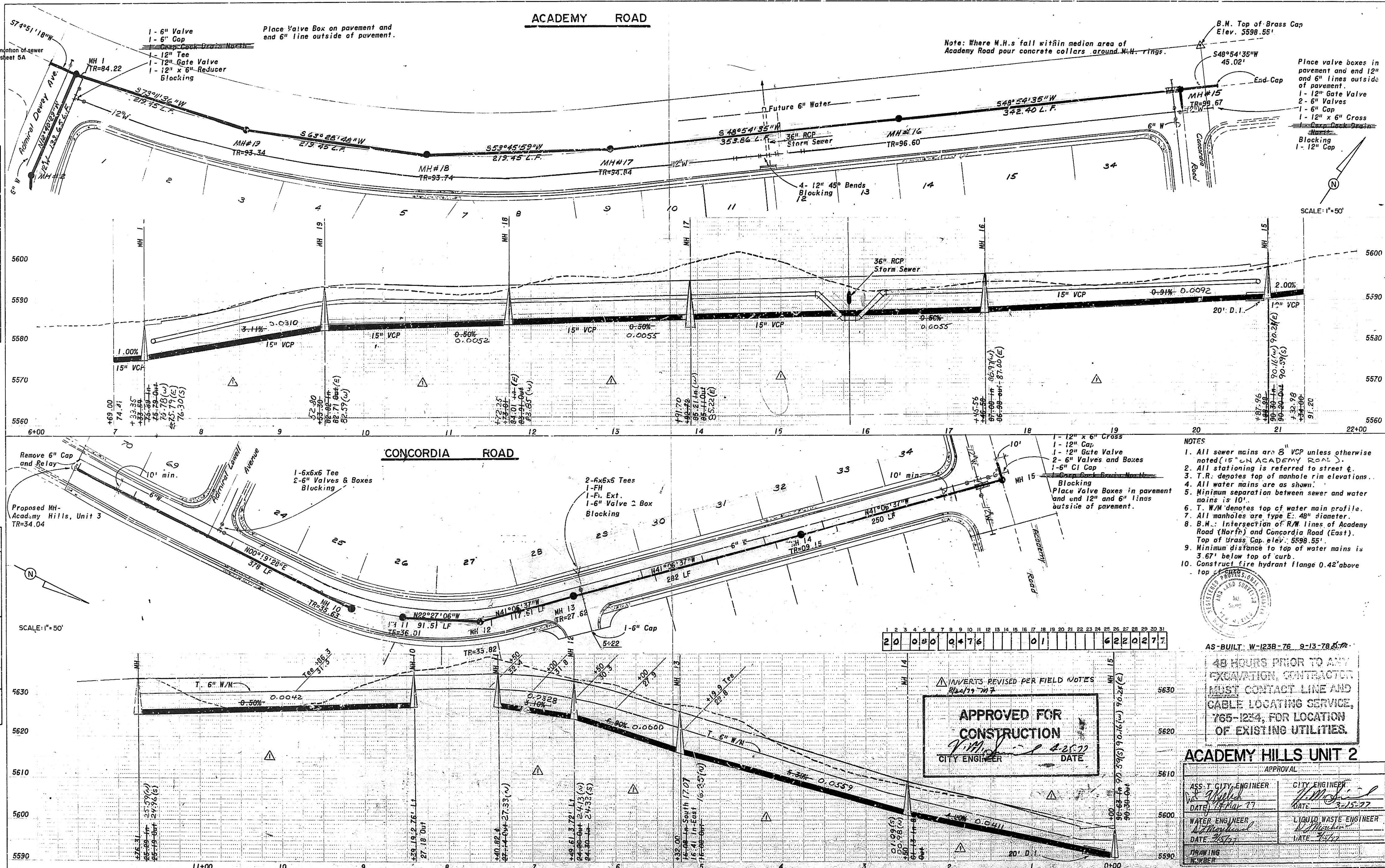
APPROVAL	
ASS'T CITY ENGINEER DATE: 4-25-77	CITY ENGINEER DATE: 4-25-77
WATER ENGINEER DATE: 4-25-77	SOLID WASTE ENGINEER DATE: 4-25-77
DRAWING NUMBER: C-50-76	

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9



PLAN	DATE	BY	CHECKED
NO.			
NO.			
NO.			

PROFILE	DATE	BY	CHECKED
NO.			
NO.			
NO.			



1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
20	0	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

APPROVED FOR CONSTRUCTION

CITY ENGINEER

DATE: 4-25-77

- NOTES**
1. All sewer mains are 15" VCP unless otherwise noted (15" on Academy Road).
 2. All stationing is referred to street &.
 3. T.R. denotes top of manhole rim elevations.
 4. All water mains are as shown.
 5. Minimum separation between sewer and water mains is 10'.
 6. T. W/M denotes top of water main profile.
 7. All manholes are type E. 48" diameter.
 8. B.M.: Intersection of R/W lines of Academy Road (North) and Concordia Road (East). Top of Brass Cap. elev. 5598.55'.
 9. Minimum distance to top of water mains is 3.67' below top of curb.
 10. Construct fire hydrant flange 0.42' above top of curb.

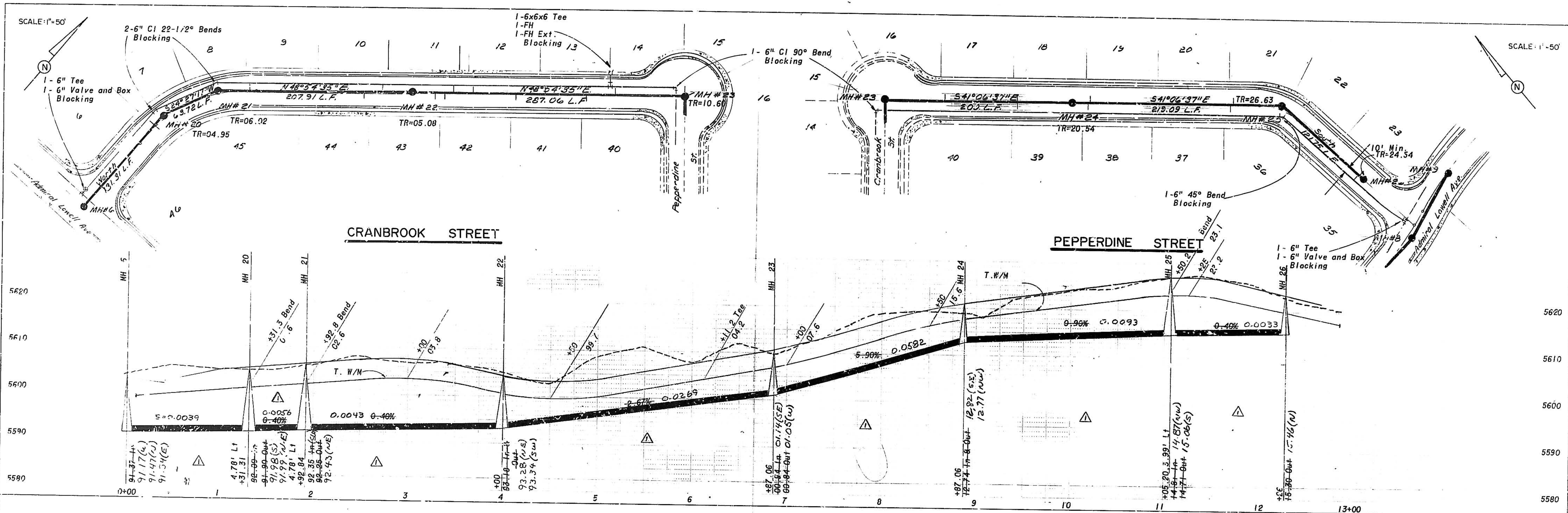
AS-BUILT: W-123B-76 9-13-78

48 HOURS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE AND CABLE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.

ACADEMY HILLS UNIT 2	
APPROVAL	
ASS. T. CITY ENGINEER	CITY ENGINEER
DATE: 4-25-77	DATE: 4-25-77
WATER ENGINEER	LIQUID WASTE ENGINEER
DATE: 4-25-77	DATE: 4-25-77
STAMPING NUMBER	

PLAN	DATE	
	BY	
	CHECKED	
	NO.	

PROFILE	DATE	
	BY	
	CHECKED	
	NO.	



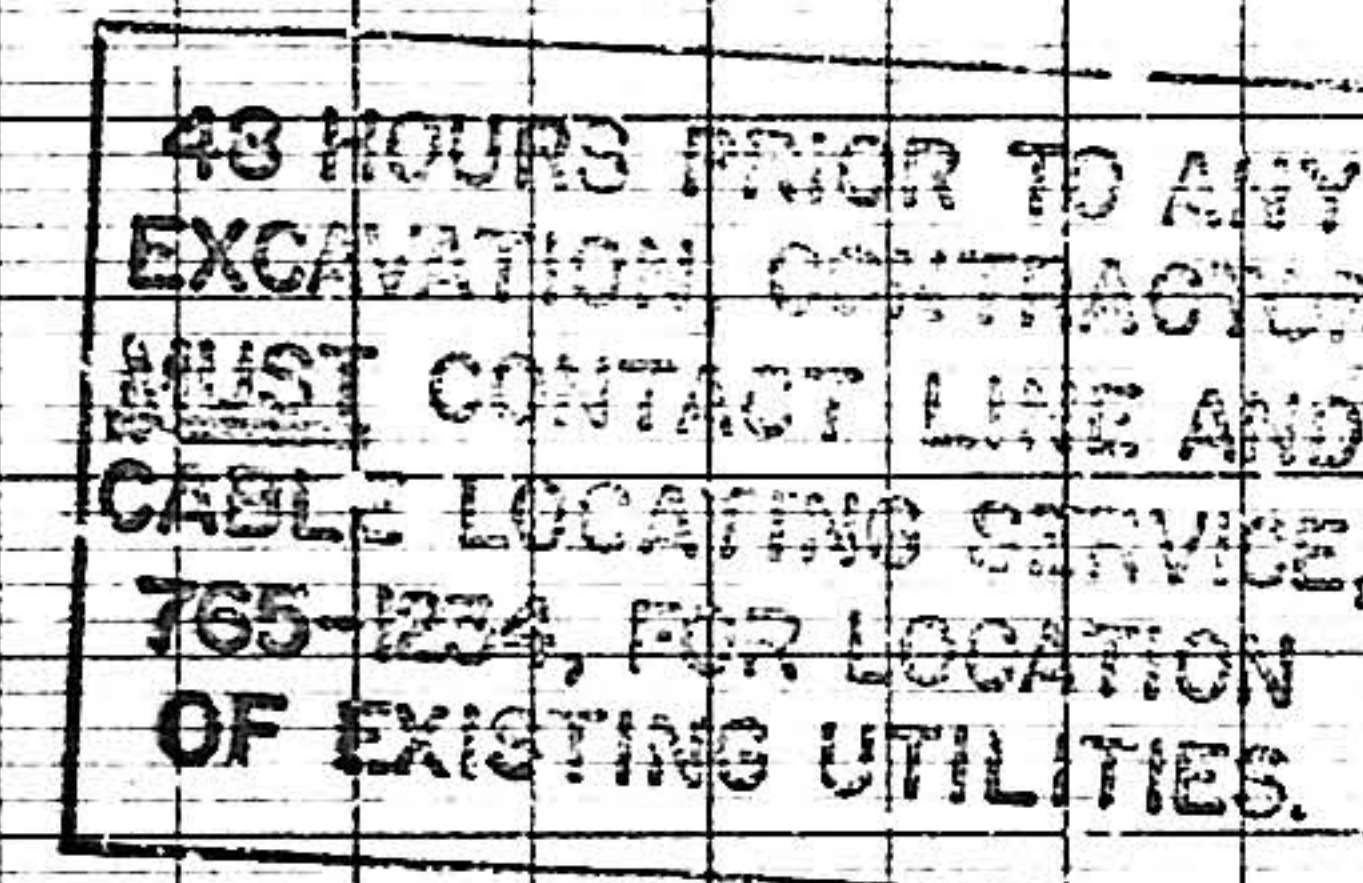
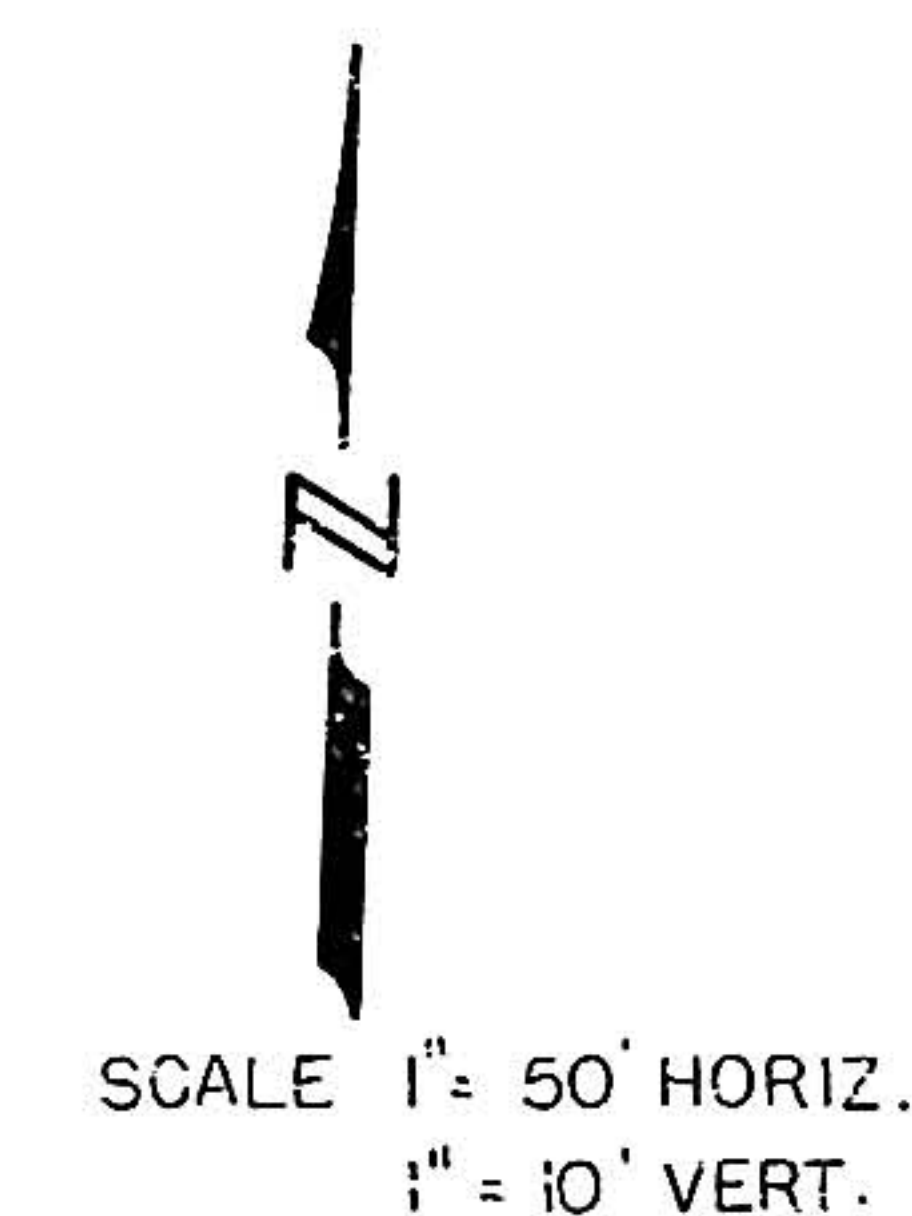
- NOTES:
1. All Sewer Mains are 8" VCP
 2. All Stationing is referred to Street &
 3. T.R. denotes top of Manhole Rim Elevations
 4. All Water Mains are 6" diameter
 5. Minimum separation between Water and Sewer Mains is 10'.
 6. T. W/M denotes top of Water Main profile.
 7. All Manholes are Type E: 48" diameter.
 8. B.M.: Intersection of R/W lines of Academy Road (North) and Concordia Road (East). Top of Brass Cap elev. 5598.55'
 9. Minimum distance to top of water mains is 3.67' below top of curb.
 10. Construct fire hydrant flange 0.42' above top of curb.

48 HOURS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE AND CABLE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.

1 2 3 4 5 6 7 8 9 10 11 12
20 0 5 0 7 0 5 7 6

INVERTS REVISED PER FIELD NOTES		ACADEMY HILLS UNIT 2	
APPROVED FOR CONSTRUCTION CITY ENGINEER DATE 4-25-77		APPROVAL	
		ASS'T. CITY ENGINEER DATE 4-25-77	CITY ENGINEER DATE 3-25-77
WATER ENGINEER DATE 7-15-77		LIQUID WASTE ENGINEER DATE 7-15-77	
DRAWING NUMBER			

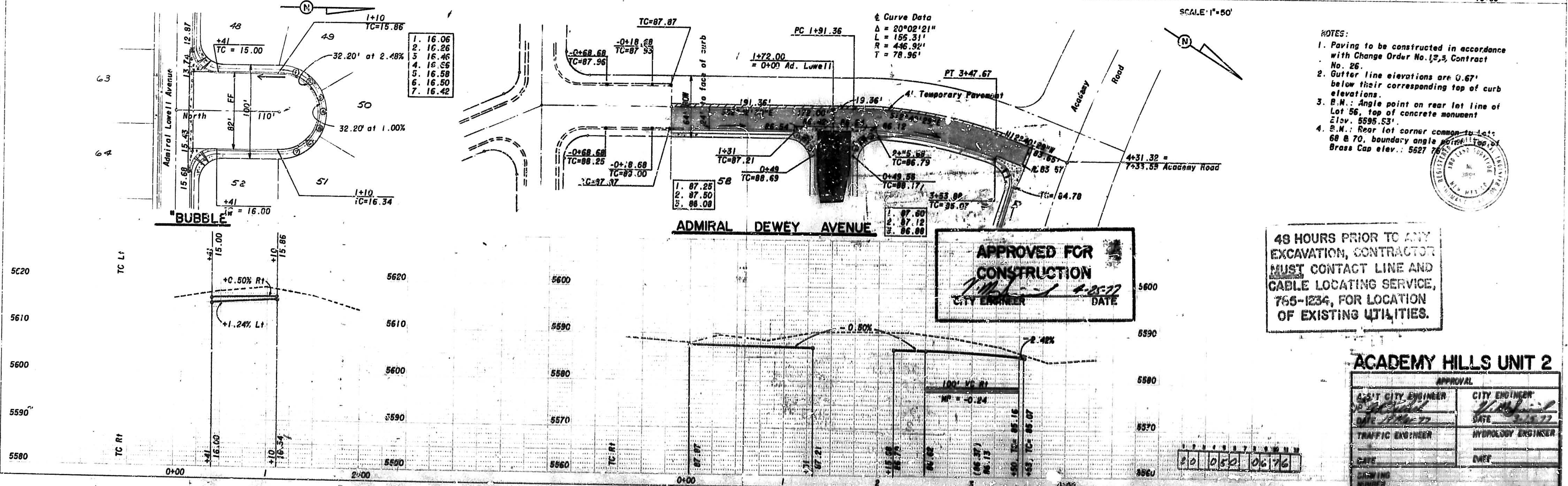
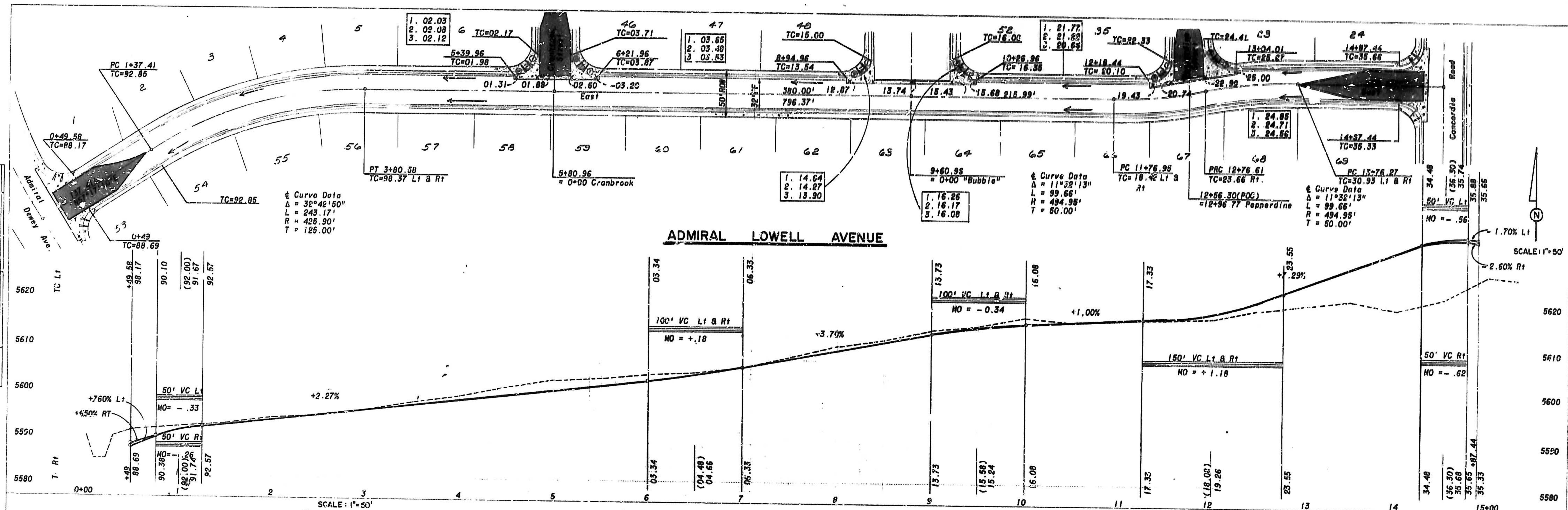
PROFILE		BY	DATE
SURVEYED			
PLOTTED			
GRADES CHECKED			
5. M. NOTED			
STRUCTURE NOTATIONS CHECKED			



CITY OF ALBUQUERQUE					
PUBLIC WORKS DEPARTMENT					
ENGINEERING DIVISION					
TITLE					
ACADEMY HILLS UNIT 2					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	<i>[Signature]</i>	3-27-74	Liquid Waste	<i>[Signature]</i>	3-27-74
A.C.E. Design	<i>[Signature]</i>		Traffic		
A.C.E. Hydrology			Water	<i>[Signature]</i>	3-27-74
DRAWING NO.			SHEET 5A OF 9		

PLAN	DATE
SURVEYED	
DESIGNED	
CHECKED	
APPROVED	
BY	

PROFILE	DATE
SURVEYED	
DESIGNED	
CHECKED	
APPROVED	
BY	



- NOTES:
- Paving to be constructed in accordance with Change Order No. 12, 3, Contract No. 26.
 - Gutter line elevations are 0.67' below their corresponding top of curb elevations.
 - S.M.: Angle point on rear lot line of Lot 56, top of concrete monument Elev. 5595.53'.
 - S.M.: Rear lot corner common to Lots 68 & 70, boundary angle 101°11'11" Brass Cap elev.: 5527.70'

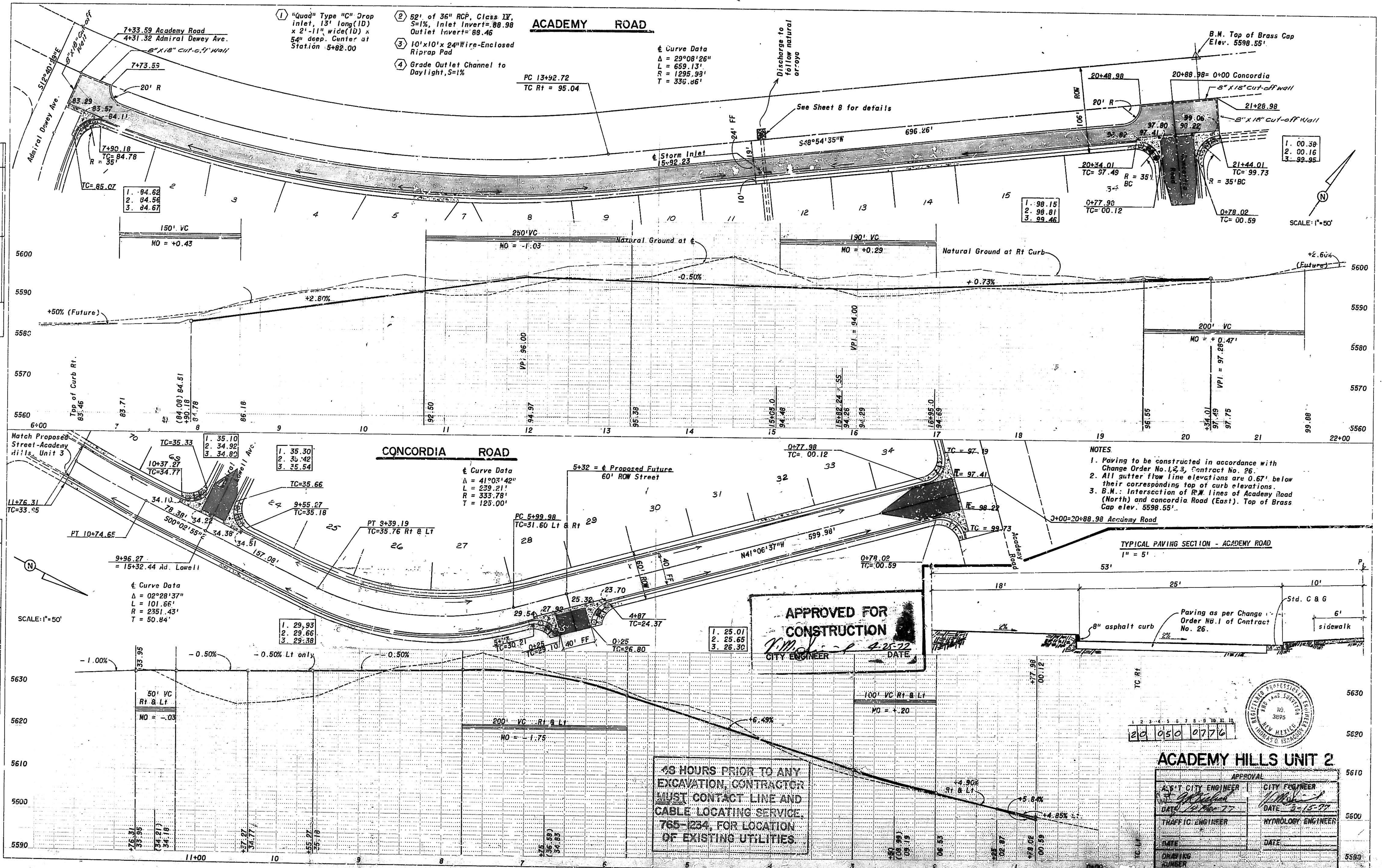
48 HOURS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE AND CABLE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.

ACADEMY HILLS UNIT 2

APPROVAL	
CITY ENGINEER	CITY ENGINEER
DATE	DATE
TRAFFIC ENGINEER	HYDROLOGY ENGINEER
DATE	DATE
CHECKING	CHECKING
DATE	DATE

PLAN	DATE
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PROFILE	DATE
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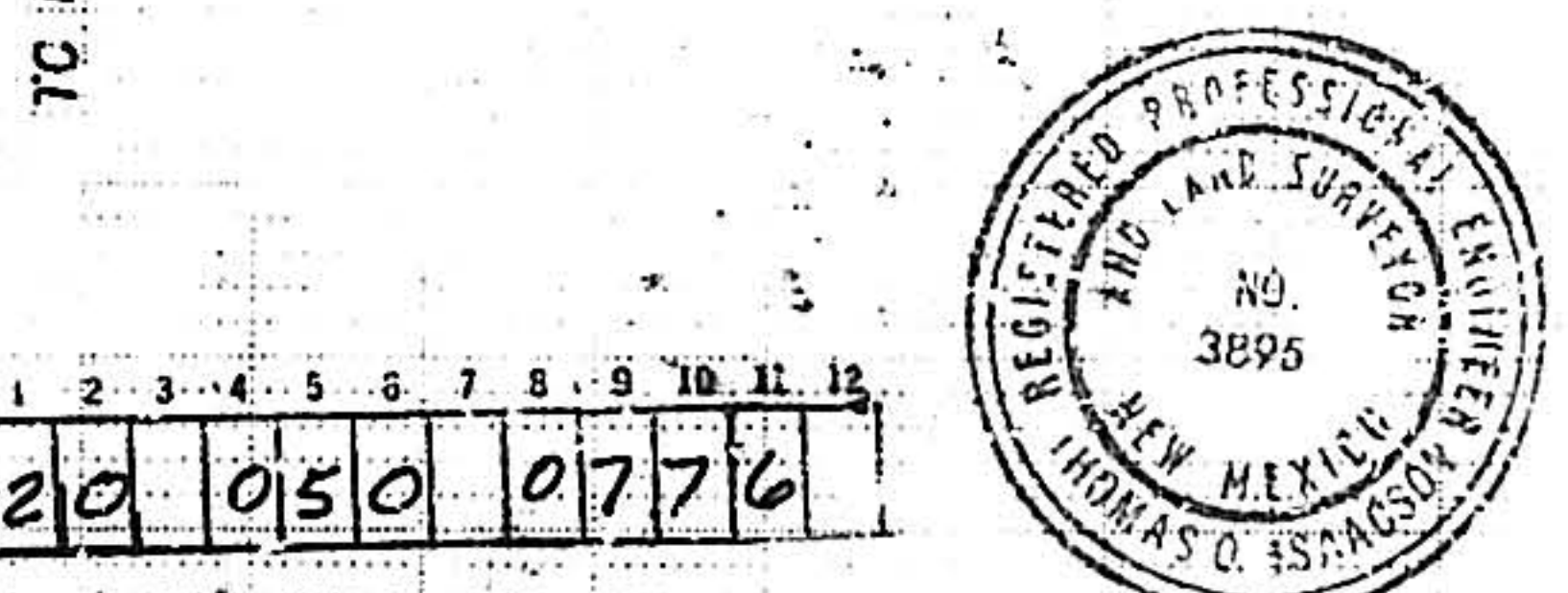


APPROVED FOR CONSTRUCTION
 CITY ENGINEER
 DATE 4-25-77

48 HOURS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE AND CABLE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.

- NOTES**
1. Paving to be constructed in accordance with Change Order No. 1, 2, 3, Contract No. 26.
 2. All gutter flow line elevations are 0.67' below their corresponding top of curb elevations.
 3. B.M. Intersection of R.M. lines of Academy Road (North) and Concordia Road (East). Top of Brass Cap elev. 5598.55'.

TYPICAL PAVING SECTION - ACADEMY ROAD
 1" = 5'



ACADEMY HILLS UNIT 2	
APPROVAL	
ASST CITY ENGINEER	CITY ENGINEER
DATE 12-15-77	DATE 2-15-77
TRAFFIC ENGINEER	HYDROLOGY ENGINEER
DATE	DATE
DRAWING ENGINEER	

MASTER GRADING PLAN

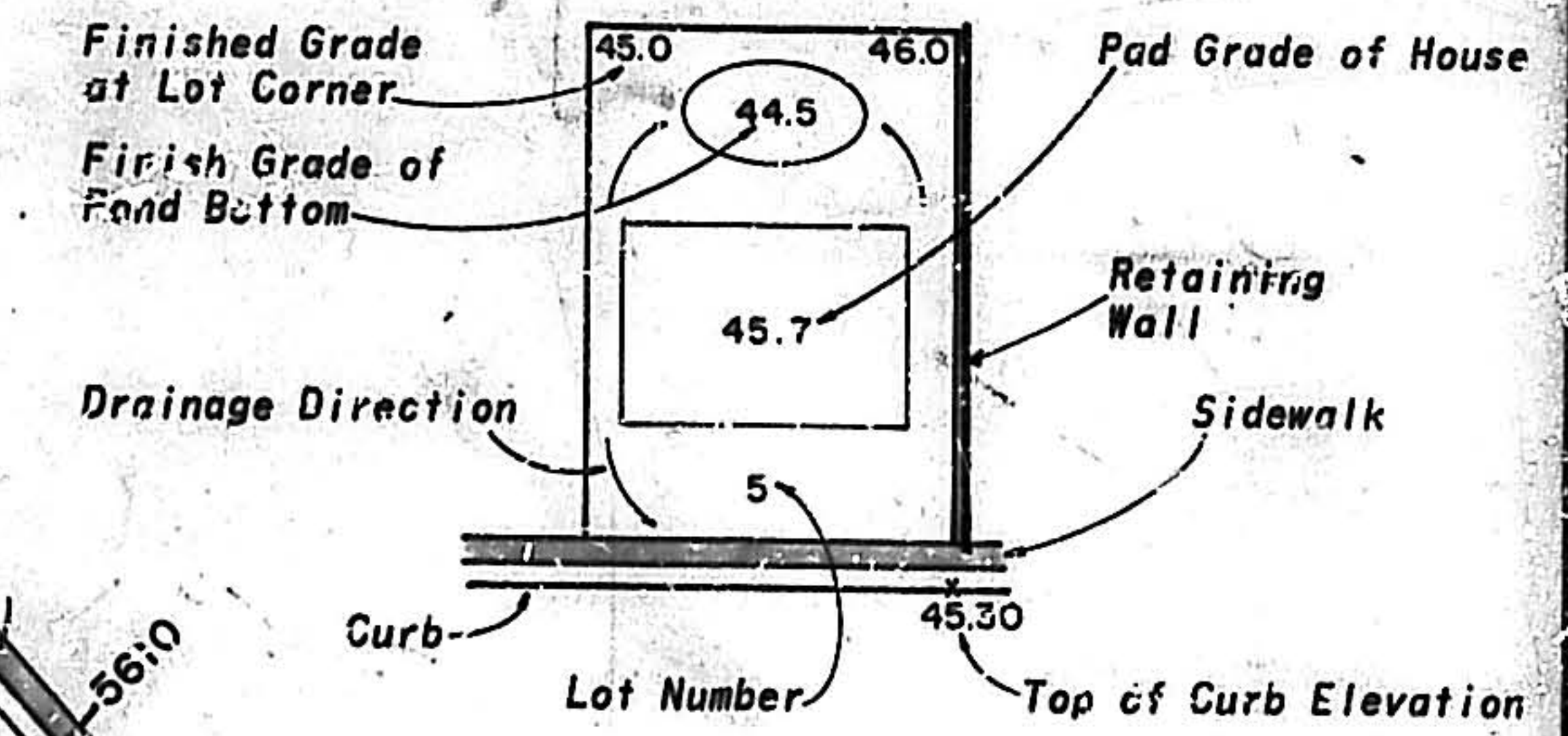
ACADEMY HILLS SUBDIVISION UNIT 2

ALBUQUERQUE, NEW MEXICO



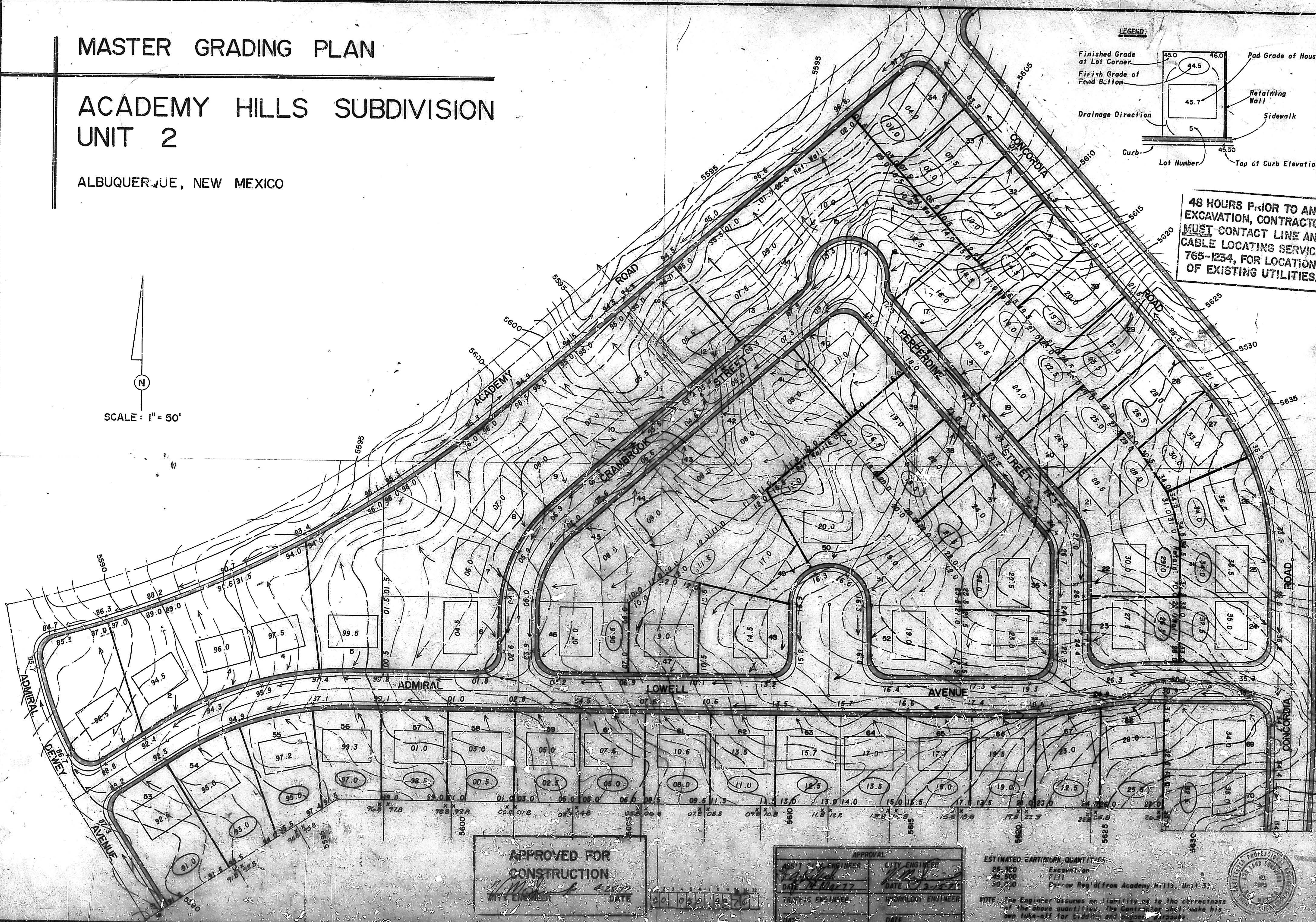
SCALE: 1" = 50'

LEGEND



48 HOURS PRIOR TO ANY
EXCAVATION, CONTRACTOR
MUST CONTACT LINE AND
CABLE LOCATING SERVICE,
765-1234, FOR LOCATION
OF EXISTING UTILITIES.

JOB NO.	DATE	DRAWN	CHECKED



APPROVED FOR
CONSTRUCTION

CITY ENGINEER DATE

50 05 0 2 76

APPROVAL	CITY ENGINEER
DATE 12/17/77	DATE 12/17/77
TRAFFIC ENGINEER	WARRANTY ENGINEER
DATE	DATE

ESTIMATED EARTHWORK QUANTITIES

25,400 Excavation
15,500 Fill
30,200 Borrow
Borrow Reg'd from Academy Hills, Unit 1

NOTE: The Engineer assumes no liability as to the correctness of the above quantities. The Contractor shall make his own take-off for grading and borrow materials.



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ACADEMY HILLS UNIT 2

C-50-76