

CONSTRUCTION PLANS FOR PALOMAS PARK SUBDIVISION PHASE THREE ALBUQUERQUE, NEW MEXICO

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11	ADELE PLACE, LA MARIPOSA PLACE
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APPROVAL OF AS BUILT DRAWINGS
CHIEF CONSTRUCTION ENGINEER
Russell B. Smith
DATE 7-8-94

24 4510.92 0194

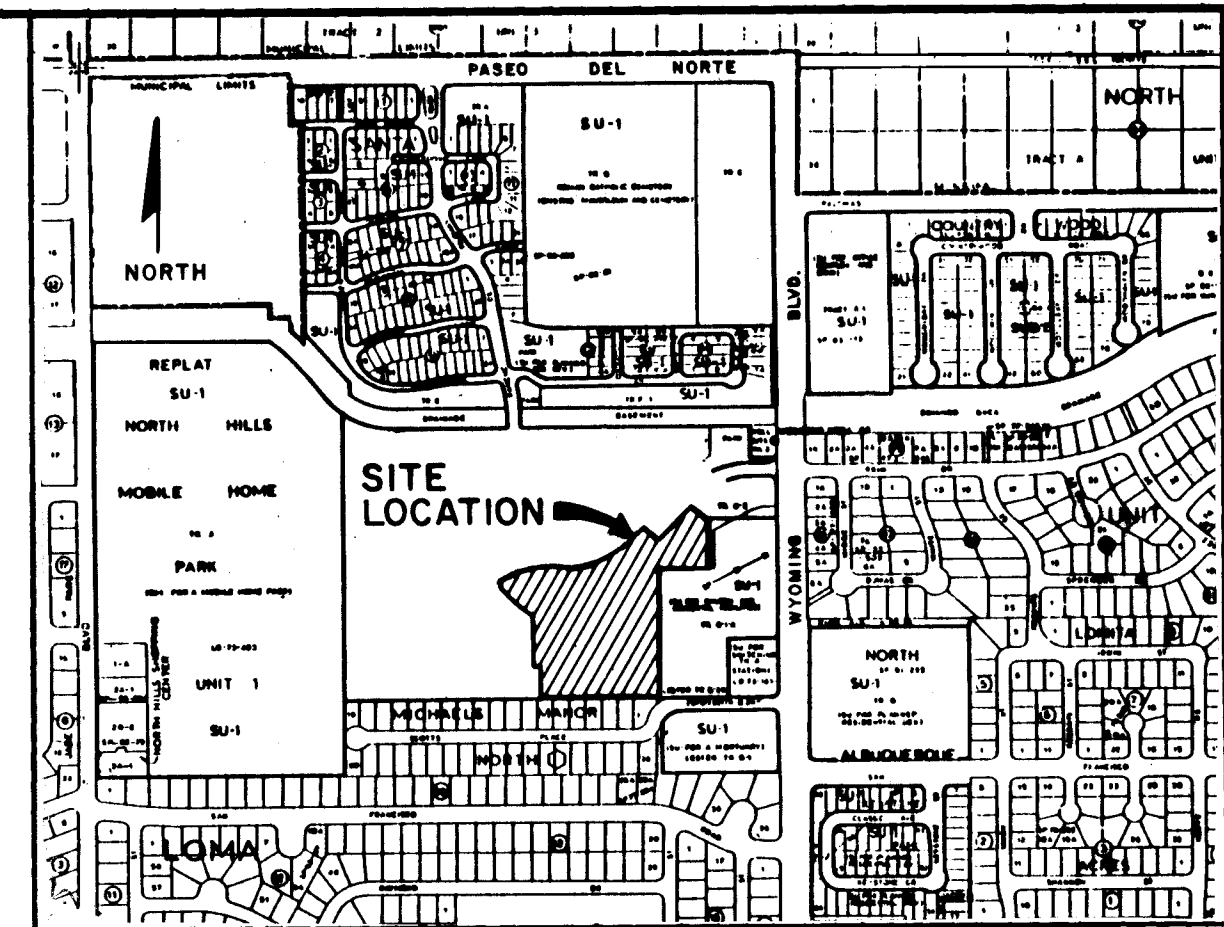
SURVEYOR'S CERTIFICATION

"I, Timothy Aldrich, a duly qualified Registered Professional Land Surveyor under the laws of the State of New Mexico, do hereby certify that the 'as-built' information shown on these drawings was obtained from field construction and 'as-built' surveys performed by me or under my supervision, that the 'as-built' information shown on these drawings was added by me or under my supervision, and that this 'as-built' information is true and correct to the best of my knowledge and belief." Aldrich Land Surveying is not responsible for any of the design concepts, calculations, engineering or intent of the record drawings.

Timothy Aldrich, P.S. No. 7719

6-10-94
Date

BHI JOB NO. 91181-07



VICINITY MAP
NOT TO SCALE
D-19

NOTICE TO CONTRACTORS

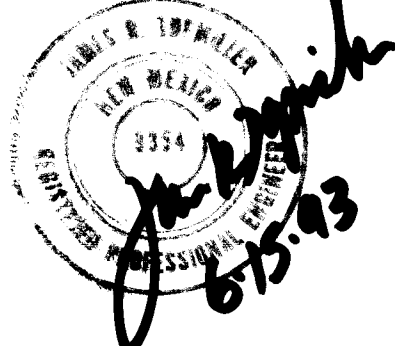
- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION - LATEST UPDATE.
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) 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 IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- THREE (3) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONST. COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (768-2551) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
- ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED IN KIND BY CONTRACTOR TO LOCATION AND IN KIND AS EXISTING OR AS INDICATED BY THIS PLAN SET.
- CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE ENGINEER MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE ENGINEER AND SHALL NOTIFY THE ENGINEER AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE ENGINEER. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.

THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

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

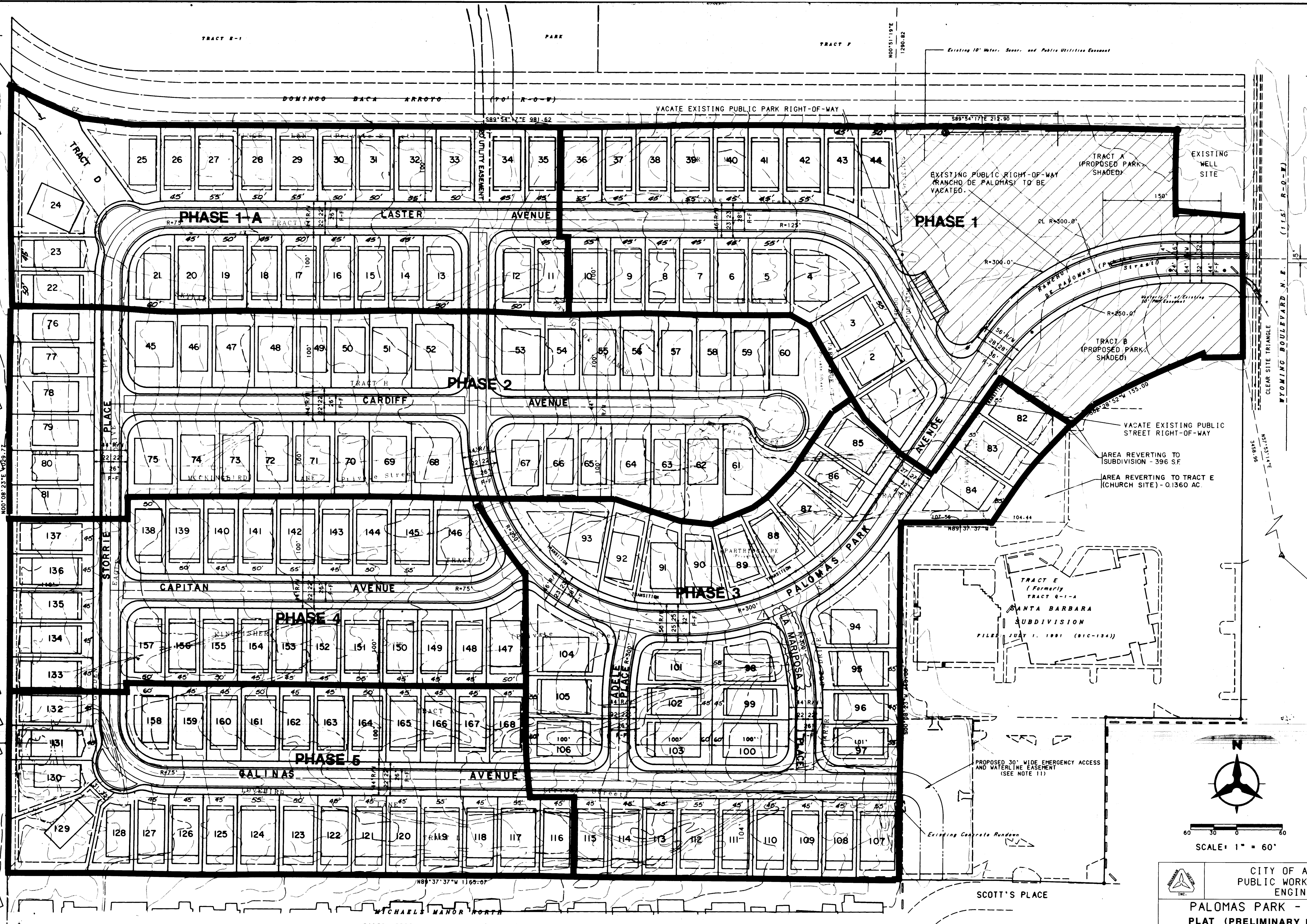
REV	SHEETS	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
8	THRU 11	1-26-94	UTILITY DEVELOPMENT	12-20-93	1/2/94	
1	THRU 11	1-26-94	TRANSPORTATION DEVELOPMENT	12-20-93	105-2	

APPROVAL OF REVISIONS

	BOHANNAN HUSTON INC. ALBUQUERQUE, NEW MEXICO ENGINEERS PLANNERS PHOTOGRAMMETRISTS	APPROVED FOR CONSTRUCTION C.E.
	PROJECT NUMBER 4510.92	SHEET 12 OF 12

TRACT D IS TO BE DEDICATED TO THE CITY OF ALBUQUERQUE.

UNIT 1
NORTH HILLS MOBILE HOME PARK
FILED: DECEMBER 13, 1979 (88-187)



NOTE:
FINAL LOT NUMBERS WILL BE DETERMINED AND CORRECTED AT THE TIME OF FINAL PLAT.

SCANNED BY
NASON

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
26 45 10 9 20 29 4

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING					
PALOMAS PARK - PHASE III PLAT (PRELIMINARY PLAT ONLY)					
ENGINEER	DATE	APPROVALS	ENGINEER	DATE	
		WATER			
		WASTE WATER			
DRAWING NO. 4510.92		MAP NO. D-19		SHEET 2 OF 12	

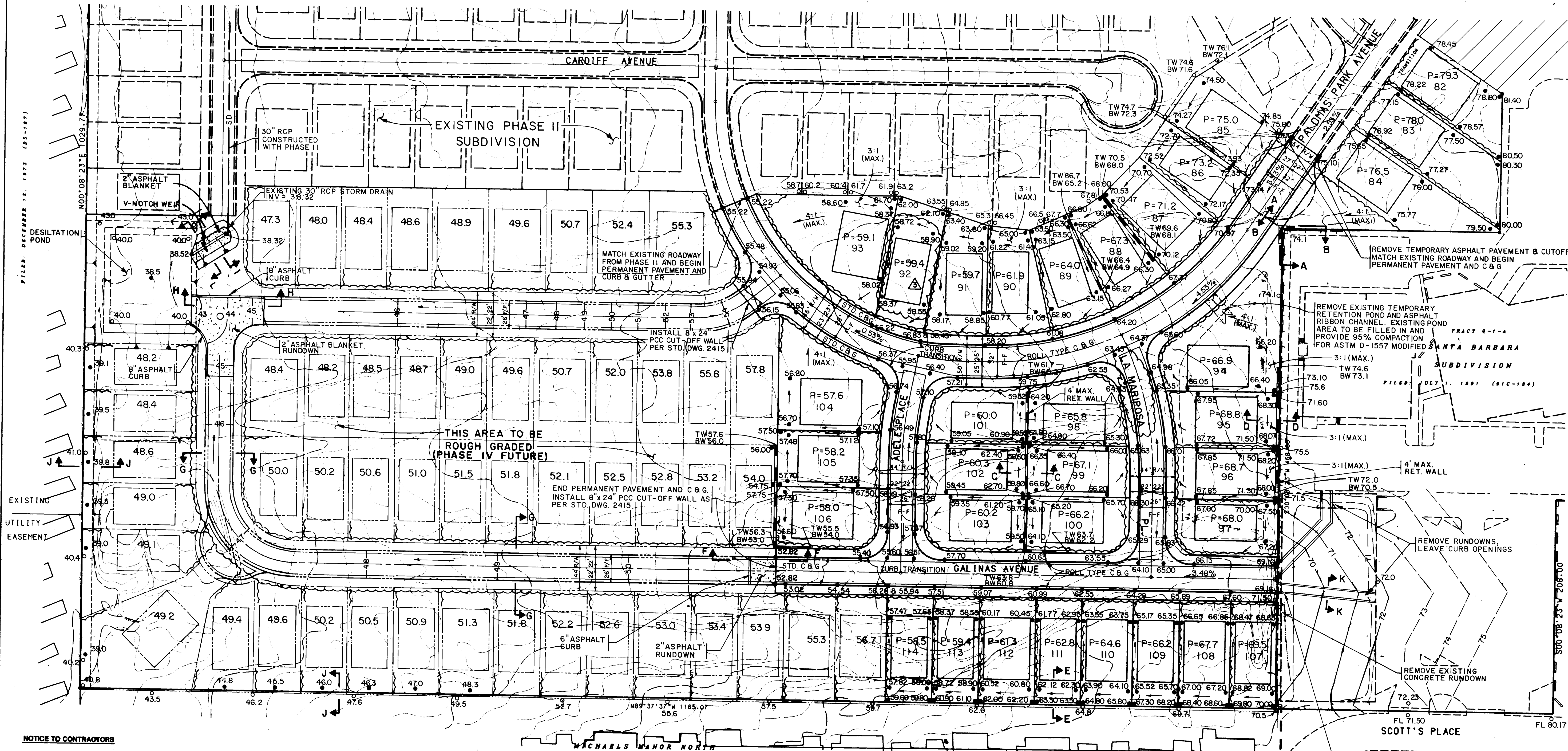
AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	HYCO SYSTEM	STATION	IS A STANDARD USCGAS BRASS TABLE	NO.	DATE	BY	DATE
INSPECTOR'S	DATE	STAMPED	"HEAVEN 1969" SET IN TOP OF A				
ACCEPTANCE BY	DATE	CONCRETE	POST FLUSH WITH THE GROUND. LOCATED				
DRAWINGS	DATE	WEST	ON PASO DEL NORTE FROM WYOMING BLVD.				
CORRECTED BY	DATE	APPROXIMATELY	800 FEET.				
MICRO-FILM INFORMATION							
RECORDED BY	DATE						
ELEVATION	= 5378.787'						

Handwritten: *John Smith 4/14/73*

DESIGNED BY KLD DATE 7/89
DRAWN BY TSG DATE 7/89
CHECKED BY KLD DATE 7/89

REVISIONS
DESIGN

FILED: DECEMBER 12, 1993 (85-187)



NOTICE TO CONTRACTORS

- AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN THE CITY RIGHT-OF-WAY. AN APPROVED COPY OF THESE PLANS MUST BE SUBMITTED AT THE TIME OF APPLICATIONS FOR THIS PERMIT.
- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986.
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATION 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 SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- BACKFILL COMPACTION SHALL BE TO RESIDENTIAL STREET USE.
- MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED.
- CONTRACTOR MUST OBTAIN A TOPSOIL DISTURBANCE PERMIT FROM THE ENVIRONMENTAL HEALTH DIVISION PRIOR TO CONSTRUCTION.
- THE CONTRACTOR IS TO REFER TO EARTHWORK SPECIFICATIONS AS NOTED IN THE SOILS REPORT PREPARED BY VINYARD AND ASSOCIATES DATED SEPTEMBER 28, 1992.
- THE CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, STATE, AND FEDERAL DUST CONTROL MEASURES AND REQUIREMENTS AND WILL BE RESPONSIBLE FOR PREPARING AND OBTAINING ALL NECESSARY APPLICATIONS AND APPROVALS.
- THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE LOTS INTO PUBLIC RIGHT-OF-WAY. THIS CAN BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS AS PER DETAIL THIS SHEET AND WETTING THE SOIL TO KEEP IT FROM BLOWING.
- ALL SLOPES MAXIMUM OF 4:1 UNLESS AS OTHERWISE INDICATED.
- ALL SPOT ELEVATIONS ALONG THE PROPOSED STREETS ARE TO TOP OF STANDARD OR MOUNTABLE ROLL TYPE CURB AND GUTTER (AS LABELED) UNLESS OTHERWISE NOTED.

DRAINAGE PLAN

This Phase III drainage plan conforms to the overall drainage plan of the entire site (see Palomas Park Subdivision Drainage Report on June 1992, #D19-D1B).

The east end temporary retention pond constructed for Phase II, and the pond located in the proposed emergency access and waterline easement on the Church property, will be eliminated and regraded. Runoff from the Church property and from the southern portion of this phase will be directed down Galinas Avenue to the west. Peak flow at the downstream end of Galinas Avenue at the Phase III boundary was calculated to be 36.2 cfs (see Drainage Calculations).

A temporary swale will be constructed to carry runoff through the proposed "rough graded" area of the site. The swale is designed to carry peak flow at under 3 fps (non-erosive per DPM, see Drainage Calculations) and approximates the future grade and alignment of Galinas Avenue.

The west end temporary retention pond constructed as part of Phase II will be partially regraded. The remaining portion will serve as a temporary desiltation pond for runoff from this phase. From the desiltation pond, runoff will be diverted to an existing 30 inch RCP storm drain via a 40 foot long channel. All of these temporary improvements will be removed with Phase IV of Palomas Park Subdivision.

A drainage covenant is prepared for the swale and the desiltation pond of Phase III. Public easements are placed over the desiltation pond and swale.

APPROVED FOR ROUGH GRADING ($\pm 1'$)

[Signature]
HYDROLOGY ENGINEER
4-21-93
DATE

NOTE: ALL CURB AND GUTTER ELEVATIONS SHOWN ARE TOP OF CURB ELEVATIONS.

DRAINAGE CALCULATIONS

SWALE (continuation of Galinas Ave.):

Total area of each treatment (developed portion of Basin H - see overall grading plan)

Treatment B = 0.487 AC
Treatment C = 0.490 AC
Treatment D = 1.322 AC

Discharge from 100-year, 6-hour storm, Zone 3.

From developed portion of Basin H

$$Q_{100} = (0.487 \times 2.60) + (0.490 \times 3.45) + (1.322 \times 5.02) = 9.59 \text{ cfs}$$

From church property (revised drainage plan for addition to Church of the Risen Savior)

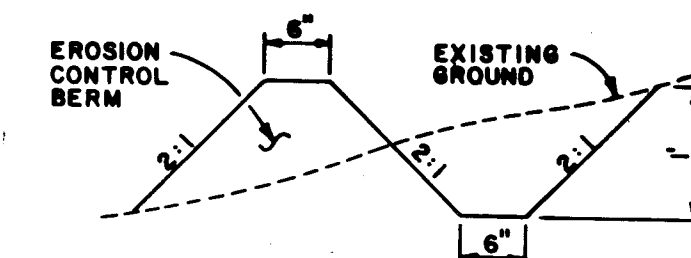
$$Q_{100} = 26.6 \text{ cfs}$$

Total discharge down swale

$$Q_{100} \text{ Total} = 9.59 + 26.6 = 36.2 \text{ cfs}$$

Through a trial and error analysis, assuming a discharge of 36.2, the maximum depth in the Galinas Avenue swale is found to be 0.7 ft ($S=0.5\%$). The maximum velocity at peak flow is as follows:

$$V_{max} = 1.49 \text{ m} \cdot \text{R}^{0.20} \cdot S^{0.12} = 1.49 / 0.03^{0.12} \cdot (13.81 / 29.28)^{0.20} \cdot (.008)^{0.12} = 2.70 \text{ ft/s}$$



EROSION CONTROL PLAN

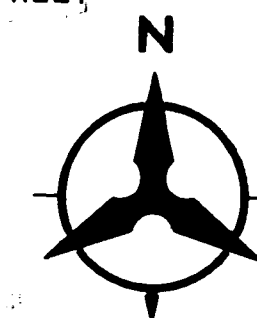
NO SCALE

A BERM WITH THE DIMENSIONS SHOWN SHALL BE MAINTAINED DURING CONSTRUCTION UNTIL COMPLETION OF INDIVIDUAL HOMES WITHIN THE PROJECT.

LEGEND

- EROSION CONTROL BERM
- EXISTING GROUND ELEVATION
- PROPOSED GROUND ELEVATION
- DRAINAGE FLOW DIRECTION
- RETAINING WALL
- EXISTING CONTOUR
- WATER BLOCK (HIGH POINT)
- PROPOSED CONTOUR

SCANNED BY
BY LASON



SCALE: 1" = 50'



CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

PALOMAS PARK- PHASE III FINAL GRADING AND DRAINAGE PLAN

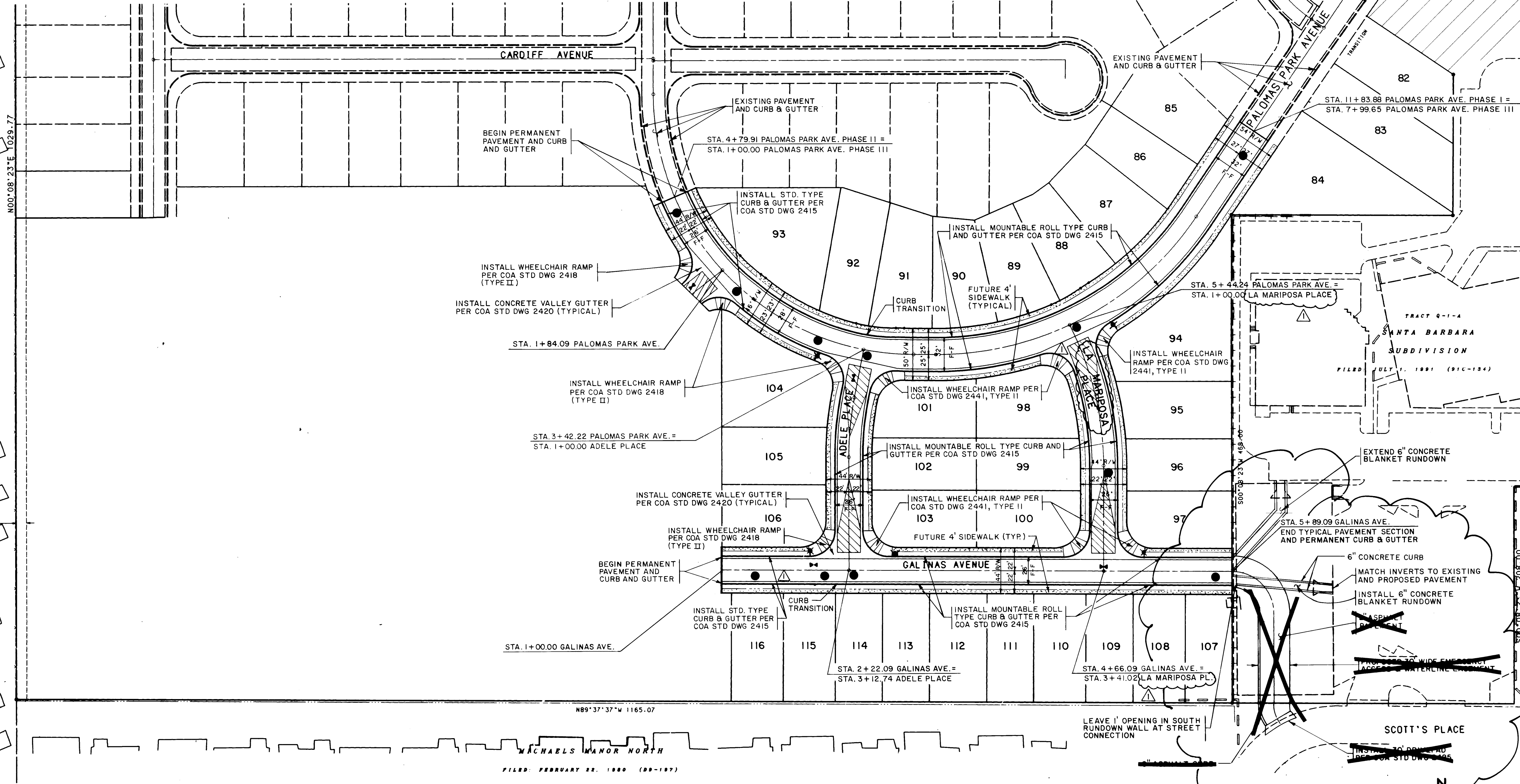
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRG CHAIRMAN			WATER		
TRANSPORTATION			WASTE WATER		
HYDROLOGY					

DRAWING NO. 4510.92 MAP NO. D-19 SHEET 3 OF 12

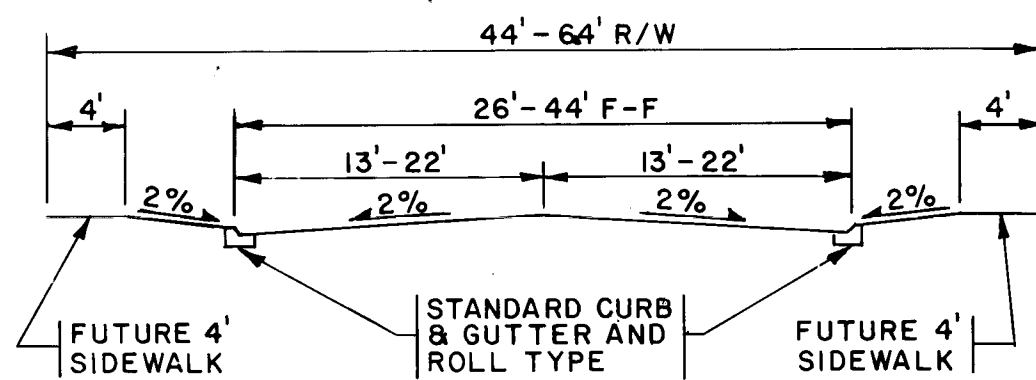
BHI JOB NO. 91181-07

FILED: DECEMBER 12, 1973 (06-187)

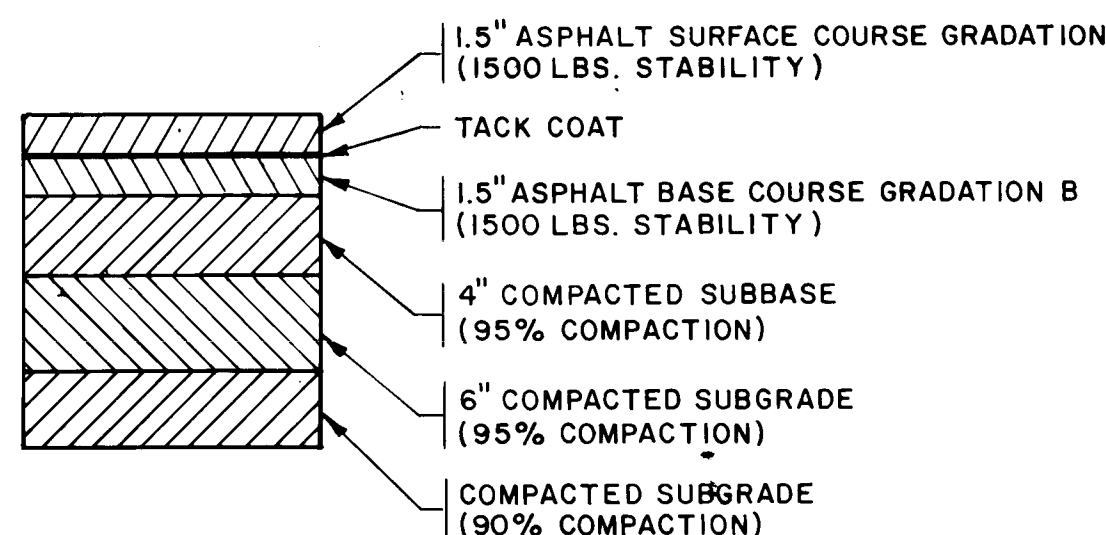
EXISTING
UTILITY
EASEMENT



FILED: FEBRUARY 22, 1980 (09-187)



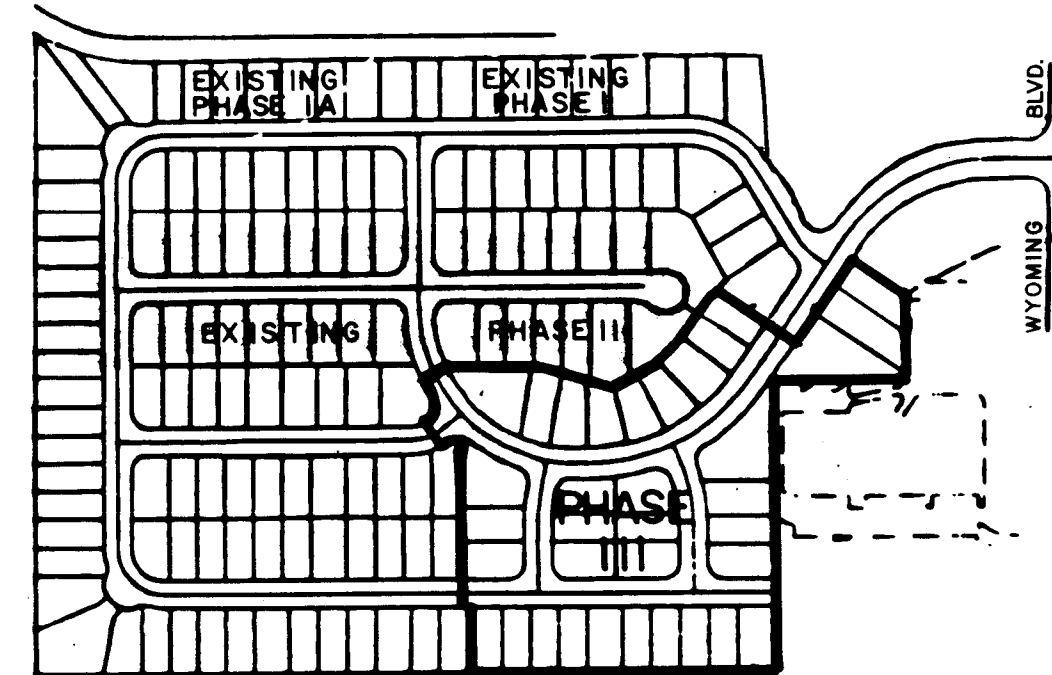
TYPICAL STREET SECTION
NO SCALE



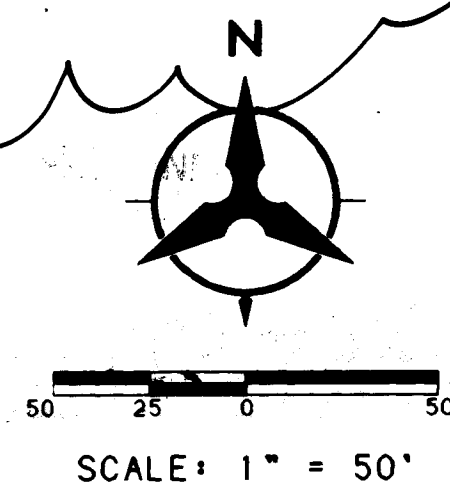
TYPICAL PAVEMENT SECTION
NO SCALE

LEGEND	
PROPOSED CURB & GUTTER	
PROPOSED PROPERTY LINE	
PROPOSED FIRE HYDRANT	●
PROPOSED SANITARY SEWER MANHOLE	⊗
PROPOSED GATE VALVE	⊕
PROPOSED STREET LIGHTS	★

SCANNED BY
BY LASON



KEY MAP
NO SCALE



CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP					
PALOMAS PARK- PHASE III PAVING PLAN					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	<i>[Signature]</i>	10-26-93	WATER	<i>[Signature]</i>	
TRANSPORTATION	<i>[Signature]</i>	10-26-93	WASTE WATER	<i>[Signature]</i>	
HYDROLOGY	<i>[Signature]</i>	10-26-93			
DRAWING NO.	4510.92	MAP NO. D-19	SHEET 4	OF 12	

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO. DATE		NO. BY DATE		STATION IS A STANDARD USCGS BRASS TABLET STAMPED "HEAVEN 1969" SET IN TOP OF A CONCRETE POST FLUSH WITH THE GROUND. LOCATED WEST ON PASSED DEL NORTE FROM WYOMING BLVD. APPROXIMATELY 800 FEET.		CONTRACTOR HYDRO SYSTEM	
K.P. BY		NO. DATE		WORKED BY		INSPECTOR'S	
REVISIONS		NO. DATE		ACCEPTANCE BY		DATE	
DESIGN		NO. DATE		DRAWINGS BY		DATE	
DESIGNED BY		NO. DATE		MICRO-FILM INFORMATION		RECORDED BY	
DRAWN BY		NO. DATE		NO.		ELEVATION = 5378.787	
CHECKED BY		NO. DATE					

TC	FL	①	TC	FL	②	TC	FL	③	TC	FL	④	TC	FL	⑤	TC	FL	⑥
1	55.68	55.01	1	55.99	55.66	1	56.55	55.88	1	57.13	56.80	1	63.00	62.67	1	65.14	64.81
2	55.21	55.21	2	55.49	55.49	2	56.06	56.06	2	56.83	56.83	2	63.40	63.40	2	64.96	64.96
3	55.74	55.41	3	56.00	55.33	3	56.56	56.23	3	57.18	56.85	3	63.89	63.56	3	65.45	65.12
D= 229.183			D= 229.183			D= 229.183			D= 229.183			D= 229.183			D= 229.183		
L= 33.92'			L= 36.41'			L= 36.66'			L= 35.30'			L= 39.24'			L= 34.35'		
R= 25.00'			R= 25.00'			R= 25.00'			R= 25.00'			R= 25.00'			R= 25.00'		

CENTERLINE CURVE DATA	
P.I.	STA 2+63.97
Delta	66° 31' 20.0"
D	22° 55' 06"
T	163.9766'
L	290.2580'
R	250.0000'

CURB CURVE DATA	
P.I.	STA 1+99.60
Delta	10° 18' 21.0"
D	36° 2' 06"
T	14.3384'
L	28.5994'
R	158.9999'

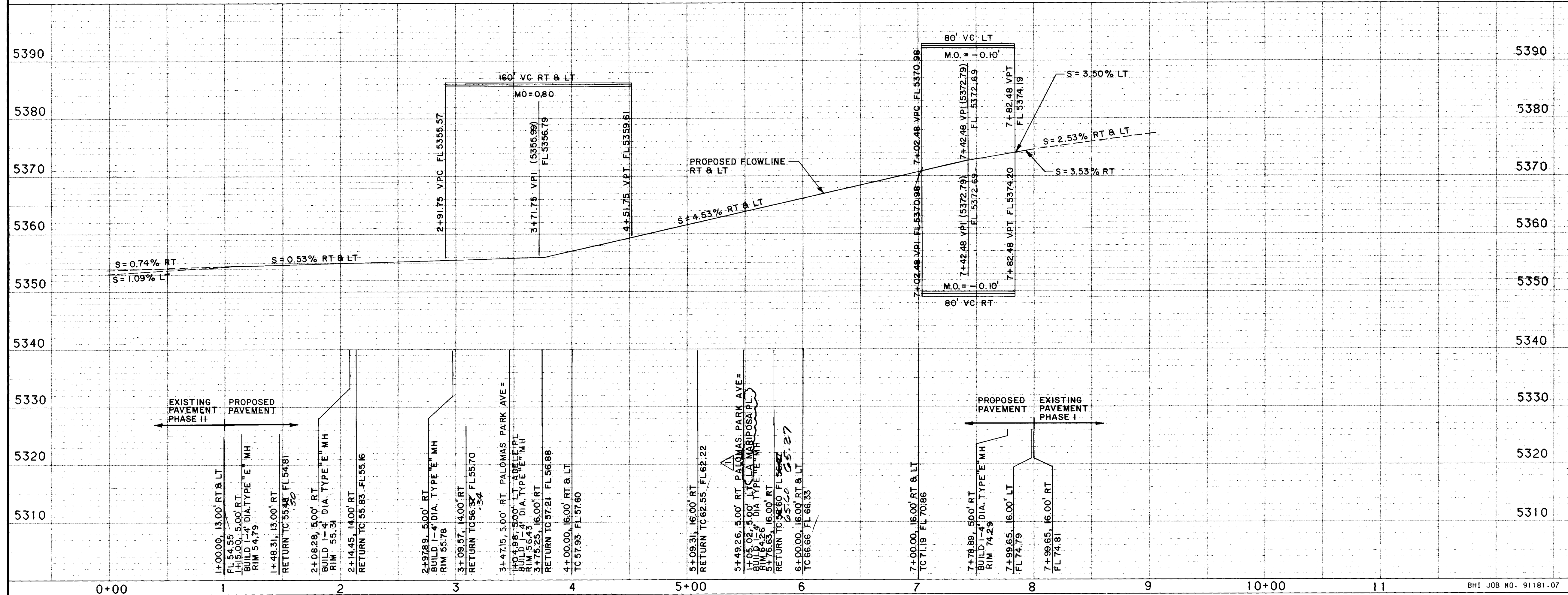
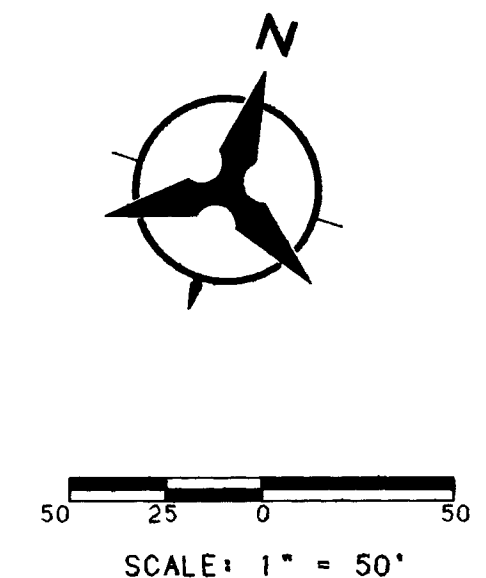
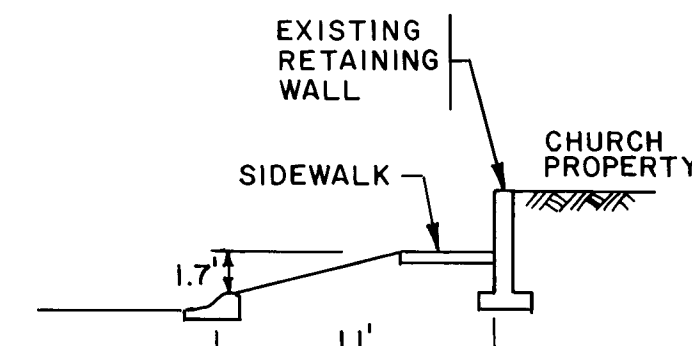
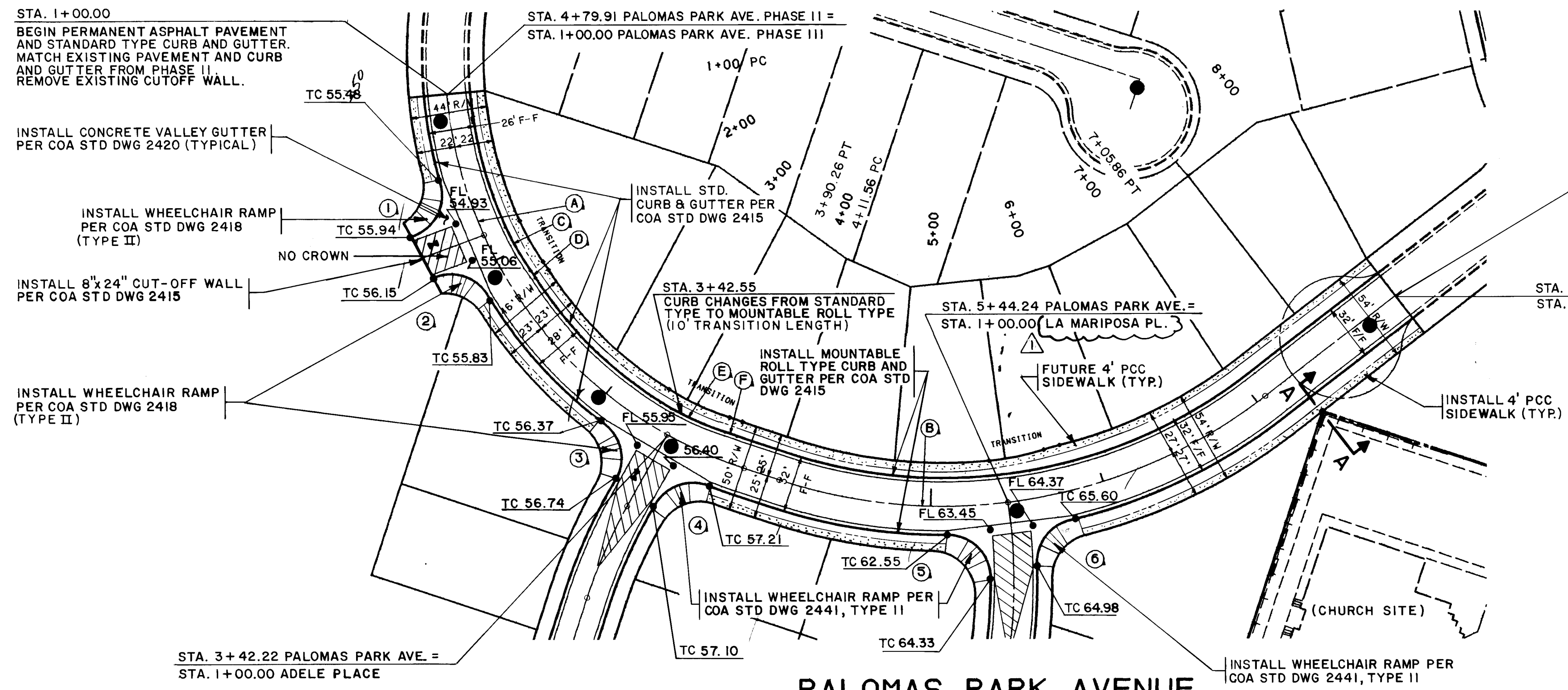
CENTERLINE CURVE DATA	
P.I.	STA 5+71.78
Delta	56° 12' 25.4"
D	19° 5' 55"
T	160.2088'
L	294.2995'
R	300.0000'

CURB CURVE DATA	
P.I.	STA 2+17.47
Delta	2° 7' 10.3"
D	40° 36' 02"
T	2.6105'
L	5.2205'
R	141.1210'

CURB CURVE DATA	
P.I.	STA 3+49.58
Delta	14° 39' 35.4"
D	36° 2' 06"
T	20.4528'
L	40.6821'
R	159.0000'

CURB CURVE DATA	
P.I.	STA 3+75.12
Delta	2° 58' 43.0"
D	40° 37' 60"
T	3.6681'
L	7.3305'
R	141.0070'

- NOTES**
1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
 2. ALL CURB RETURN RADIUS SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
 3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
 4. GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.
 5. CONTRACTOR IS TO INSTALL A 4"x4"x5" POST AND END AT THE END OF EACH SANITARY SEWER SERVICE.
 6. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
 7. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
 8. CONTRACTOR SHALL PROVIDE THE INSPECTORS, (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
 9. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
 10. ANY DAMAGE TO THE EXISTING FACILITIES (CURB AND GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS EXPENSE.
 11. REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).
 12. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.



ENGINEER'S SEAL

SCANNED BY BY LASON

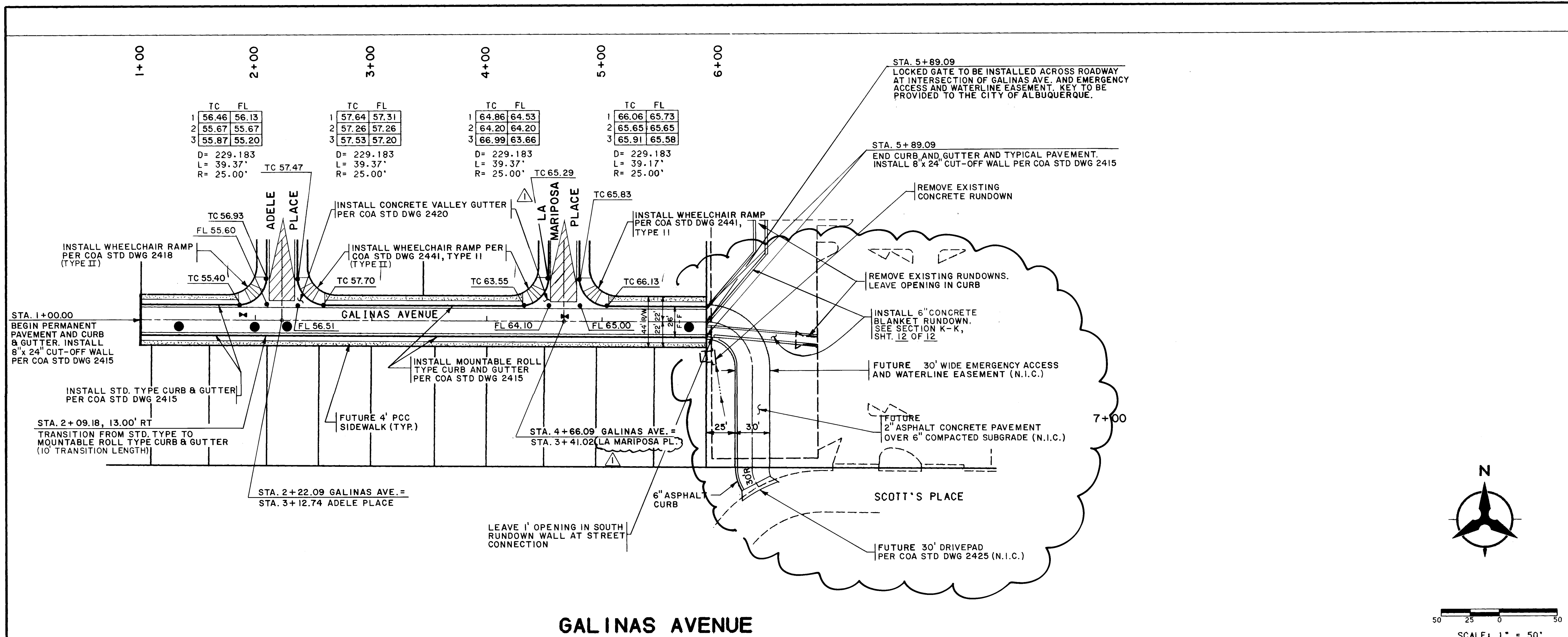
24 45 10 19 20 59 4

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING

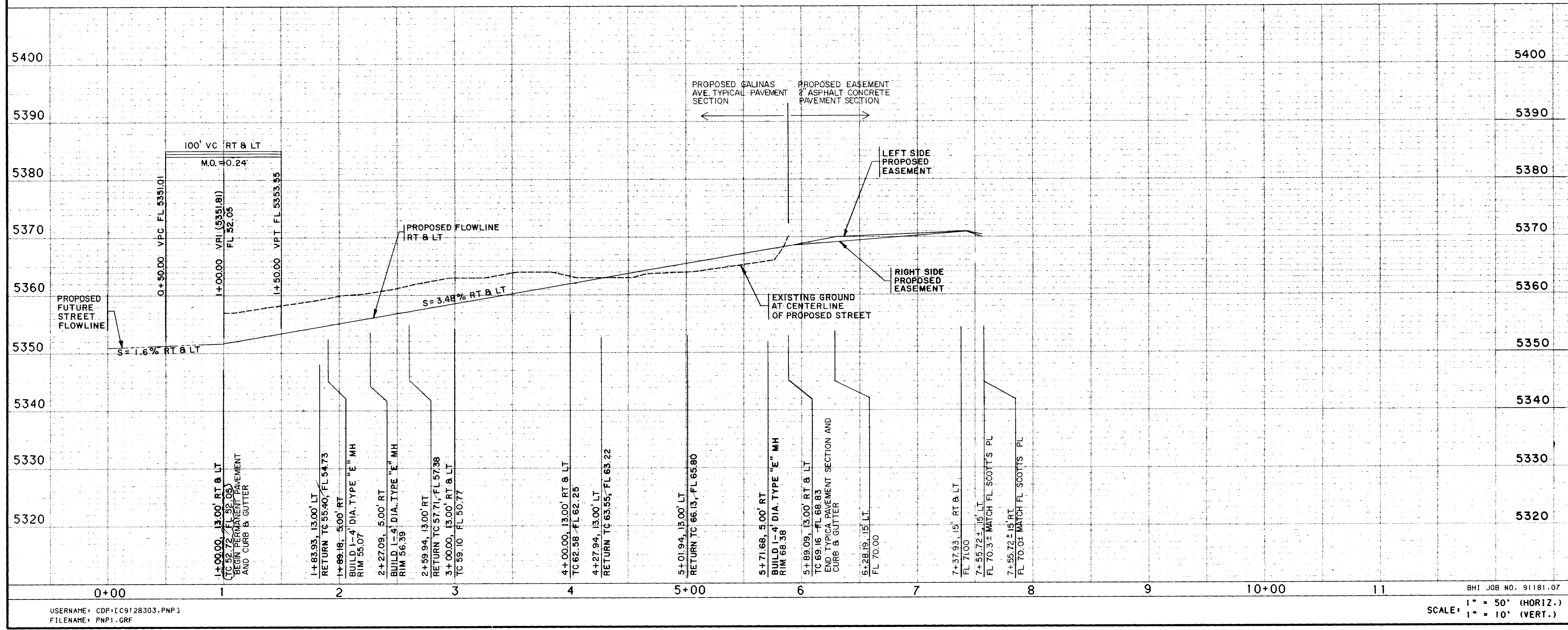
PALOMAS PARK - PHASE III
PAVING PLAN & PROFILE
PALOMAS PARK AVE- STA. 1+00.00 TO STA. 7+99.65

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRG CHAIRMAN	<i>[Signature]</i>	10-26-93	WATER	<i>[Signature]</i>	
TRANSPORTATION	<i>[Signature]</i>	7-03-93	WASTE WATER	<i>[Signature]</i>	
HYDROLOGY	<i>[Signature]</i>	07-08-93			

DRAWING NO. **4510.92** MAP NO. **D-19** SHEET **5** OF **12**



- NOTES**
1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
 2. ALL CURB RETURN RADIUS SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
 3. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
 4. GRADE ELEVATIONS, WHERE NOTED, ARE FOR TOP OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.
 5. CONTRACTOR IS TO INSTALL A 4"x4"x5' POST AND END AT THE END OF EACH SANITARY SEWER SERVICE.
 6. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
 7. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
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 11. REMOVAL OF THE EXISTING CURB AND GUTTER SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).
 12. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.



ENGINEER'S SEAL

STAMPED "HEAVEN 1969" SET IN TOP OF A. CONCRETE POST FLUSH WITH THE GROUND. LOCATED WEST ON PASO DEL NORTE FROM WYOMING BLVD. APPROXIMATELY 800 FEET.

REVISIONS

NO.	DATE	BY	REMARKS
1	11-11-93	KP	CHANGED STREET NAME
2	11-11-93	BY	REVISIONS
3	11-11-93	BY	DESIGN

DESIGNED BY RBG DATE 3/93
DRAWN BY KW/NZM DATE 3/93
CHECKED BY JRT DATE 3/93

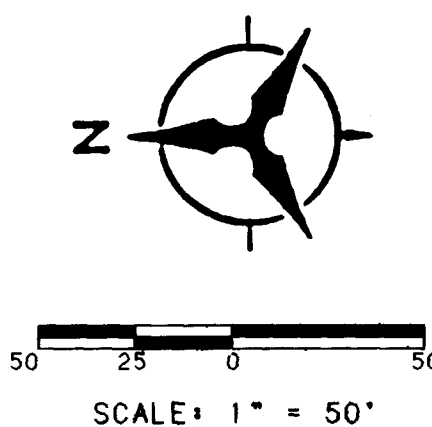
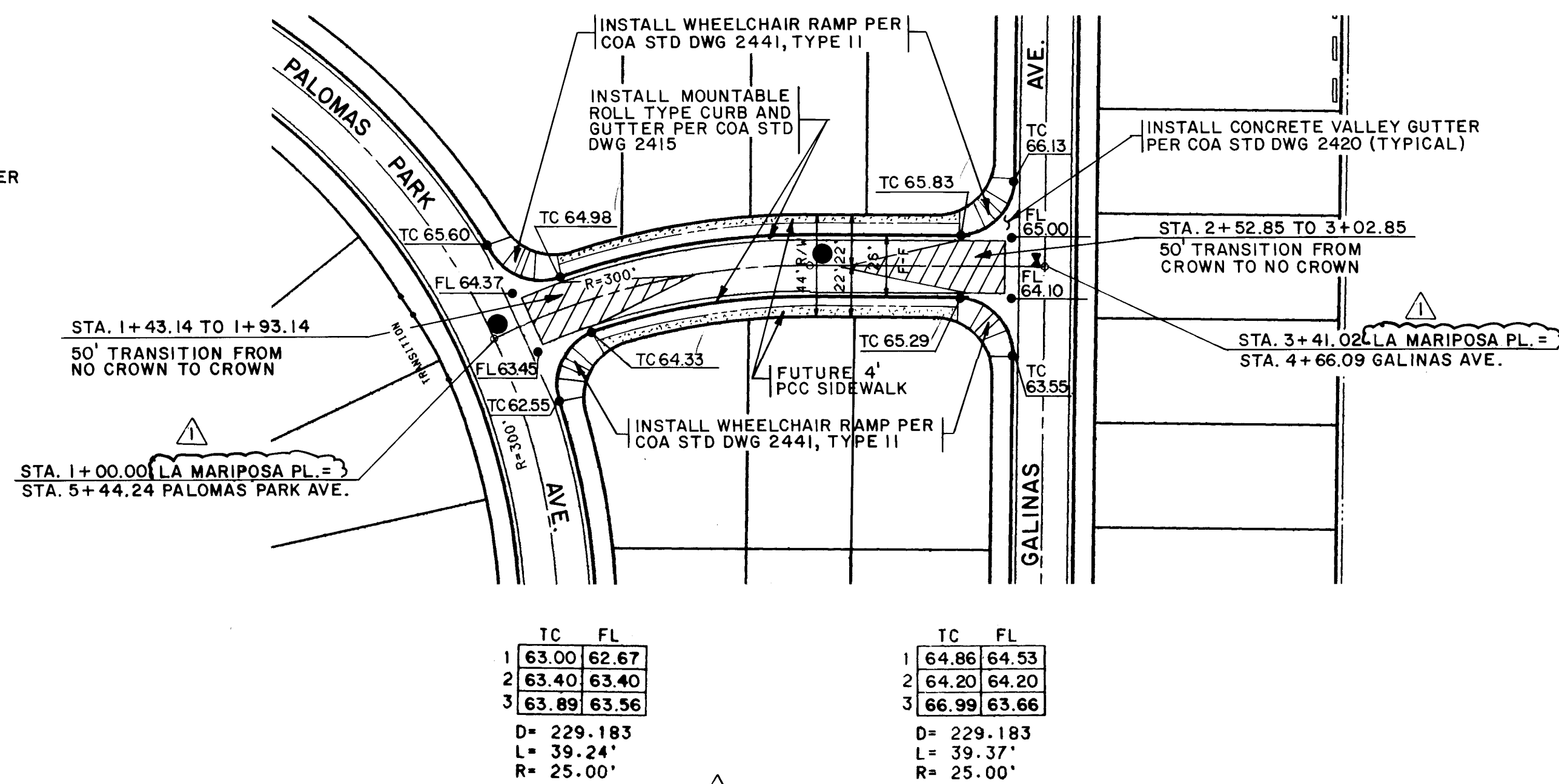
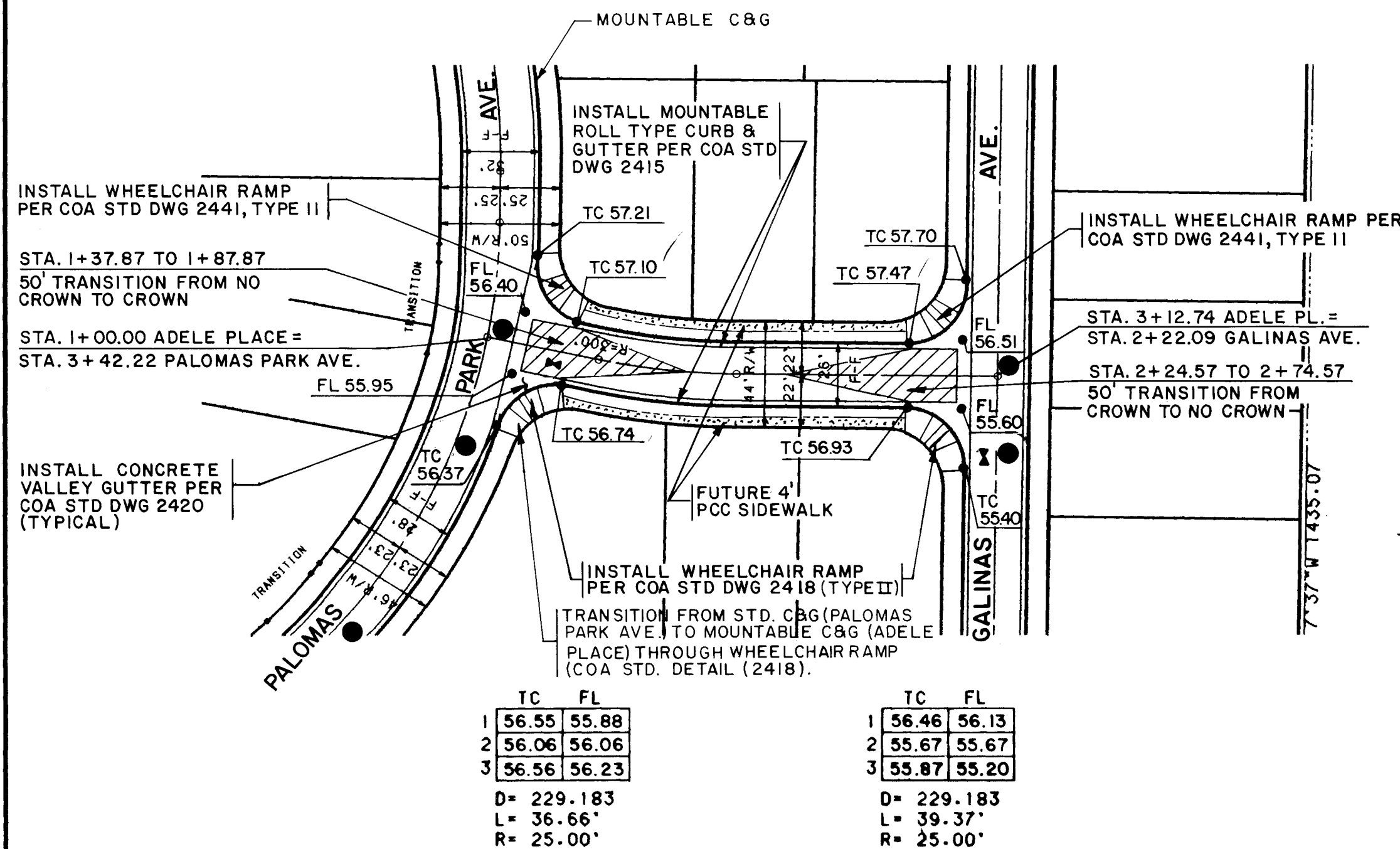
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING

PALOMAS PARK - PHASE III
PAVING PLAN & PROFILE
GALINAS AVE- STA. 1+00.00 TO STA. 5 + 89.66

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRG CHAIRMAN	10-26-93		WATER		
TRANSPORTATION	07-03-93		WASTE WATER		
HYDROLOGY	07-02-93				

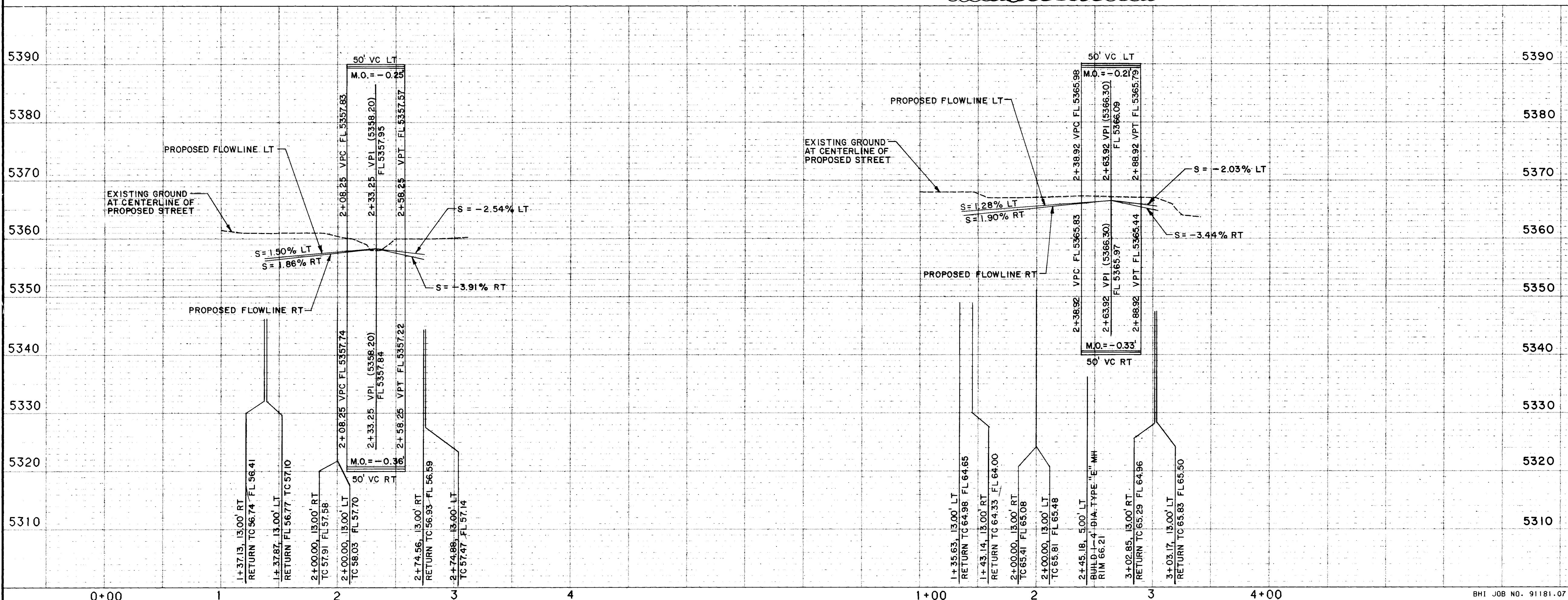
DRAWING NO. **4510.92** MAP NO. **D-19** SHEET **6** OF **12**

CENTERLINE CURVE DATA	
P. I.	STA. 1 + 71.31
DELTA	26° 44' 27.6"
D	19° 05' 56"
T	71.31'
L	140.01'
R	300.00'



ADELE PLACE

LA MARIPOSA PLACE



BHI JOB NO. 91181.07

```

USERNAME: CDP:[C9128303.PNP]
FILENAME: PNP1.GRF

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SCALE: 1" = 50' (HORIZ.)
1" = 10' (VERT.)

DRAWING NO.	4510.92
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MAP NO.
D-19

SHEET **7** OF **12**

- NOTES**
1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
 2. ALL CURB RETURN RADII SHALL BE 25' TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
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 7. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
 8. CONTRACTOR SHALL PROVIDE THE INSPECTORS, (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
 9. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
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 12. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

[illegible]

SCANNED BY
BY LASON

26-4510.920794

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING

PALOMAS PARK - PHASE III
PAVING PLAN & PROFILE
ADELE PLACE LA MARIPOSA PLACE

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	<i>B. J. Goodrich</i>	10-26-93	WATER	<i>G. J. R.</i>	<i>3-2-94</i>
TRANSPORTATION	<i>R. J. Smith</i>	7-02-93	WASTE WATER		
HYDROLOGY	<i>D. J. Allen</i>	07-08-93			

DRAWING NO.

4510.92

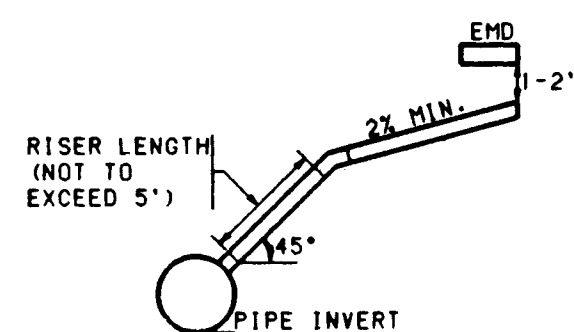
MAP NO.	D-19
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SHEET 7 OF 12

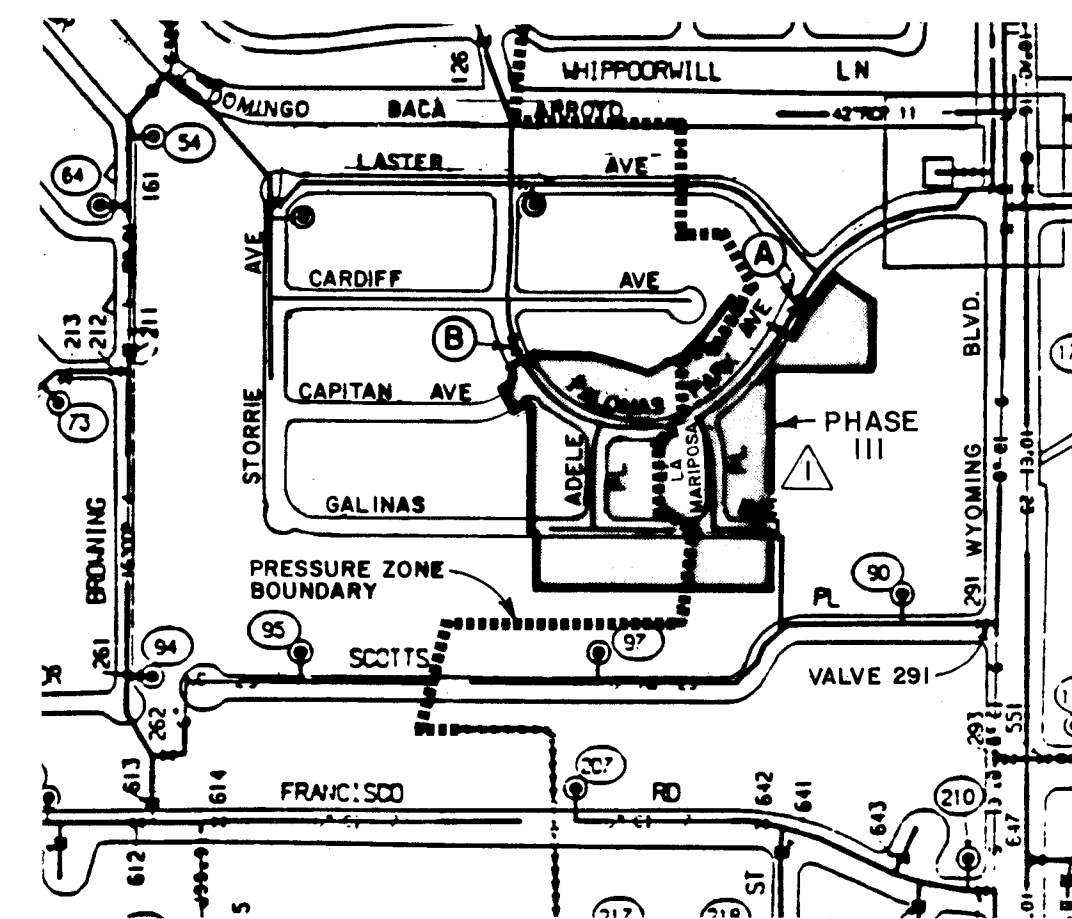
FILED: DECEMBER 12, 1973 (DS-187)

EXISTING
UTILITY
EASEMENT

UTILITY SERVICE LOCATION (TYP.)
NO SCALE



SERVICE RISER DETAIL
TO CONFORM TO C&A STD. DWG. 2134,
USE C1 SOIL PIPE ONLY



WATER VALVE SHUT-OFF PLAN
NO SCALE D-19 Z

NOTES

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12. WHEEL CHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.

MICHAELS MANOR NORTH

FILED: FEBRUARY 22, 1980 (DS-187)

WATER VALVE SHUT-OFF REQUIREMENTS:

CONTRACTOR SHALL BE RESPONSIBLE FOR THE TIMING AND COORDINATION OF THE WATER SHUT-OFF REQUIREMENTS IN CONJUNCTION WITH THE COMPLETION OF THIS PROJECT.

AT LEAST THREE (3) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL CONTACT PWD/WATER SYSTEMS DIVISION (857-8200) TO INITIATE IMPLEMENTATION OF THIS WATER SHUT-OFF PLAN.

WATER SHUT-OFF PLAN FOR PROPOSED CONNECTION AT:

- A. EAST INTERSECTION OF PALOMAS PARK AVE. AND LASTER AVE.
- B. INTERSECTION OF CARDIFF AVE. AND PALOMAS PARK AVE.
- C. SCOTT'S PL.

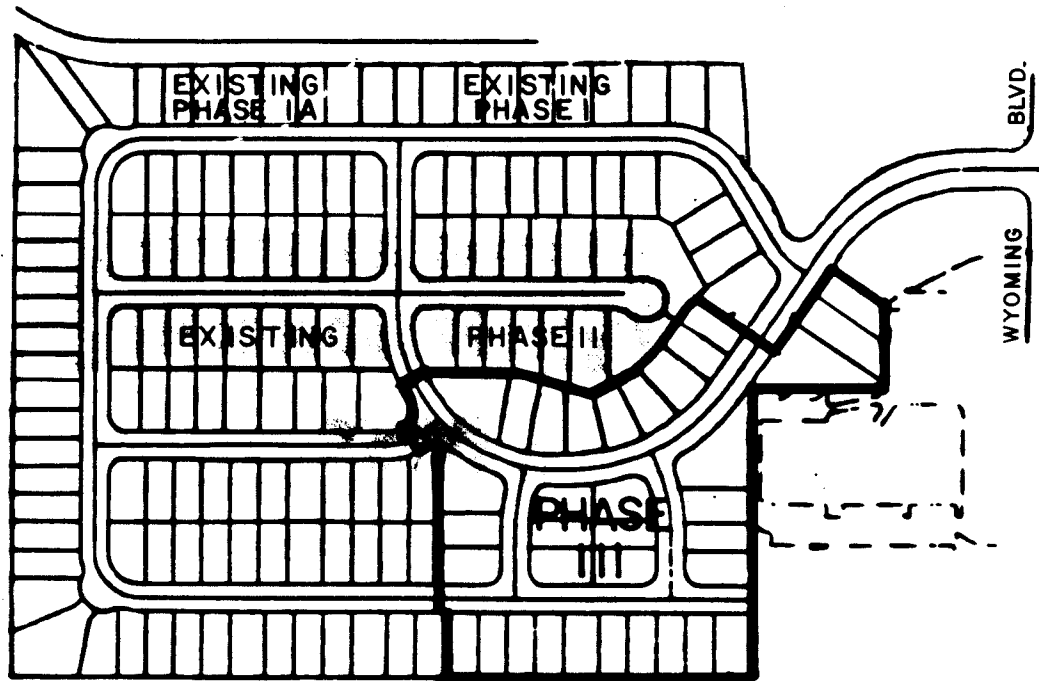
CLOSE VALVE:

- VALVE A
- VALVE B
- VALVE 291

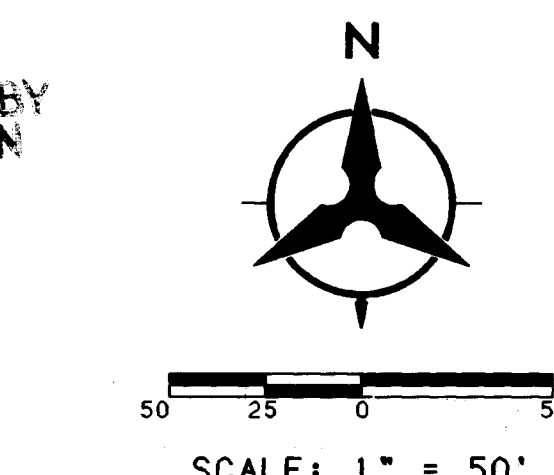
LEGEND

- | | |
|---------------------------------|-------|
| PROPOSED CURB & GUTTER | --- |
| EXISTING CURB & GUTTER | --- |
| PROPOSED SANITARY SEWER MANHOLE | ● |
| EXISTING SANITARY SEWER MANHOLE | ○ |
| PROPOSED FIRE HYDRANT | ▲ |
| EXISTING FIRE HYDRANT | ▲ |
| PROPOSED GATE VALVE | + |
| EXISTING GATE VALVE | + |
| PROPOSED SANITARY SEWER LINE | —SAS— |
| EXISTING SANITARY SEWER LINE | —SAS— |
| PROPOSED WATER LINE | —W— |
| EXISTING WATER LINE | —W— |
| PROPOSED SANITARY SEWER SERVICE | — |
| PROPOSED WATER METER SERVICE | — |
| WATER ZONE BOUNDARY | --- |

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15
2 4 5 1 0 9 2 0 8 9 4



KEY MAP
NO SCALE



CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP			
PALOMAS PARK- PHASE III UTILITY PLAN			
APPROVALS	ENGINEER	DATE	APPROVALS
DRC CHAIRMAN	B. J. Arduini	12-26-93	WATER
TRANSPORTATION	N. P. C. W. B.	7-22-93	WASTE WATER
HYDROLOGY	H. Arduini	07-08-93	
DRAWING NO.	4510.92	MAP NO. D-19	SHEET 8 OF 12

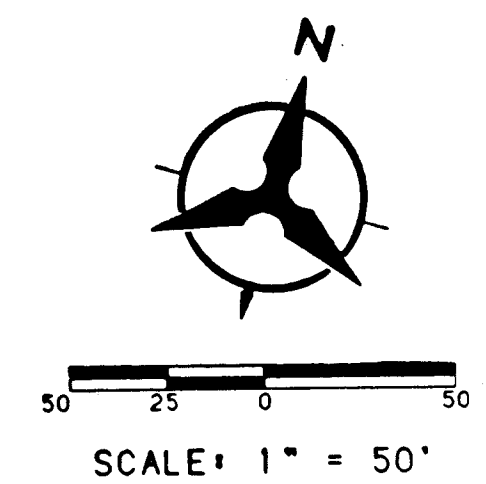
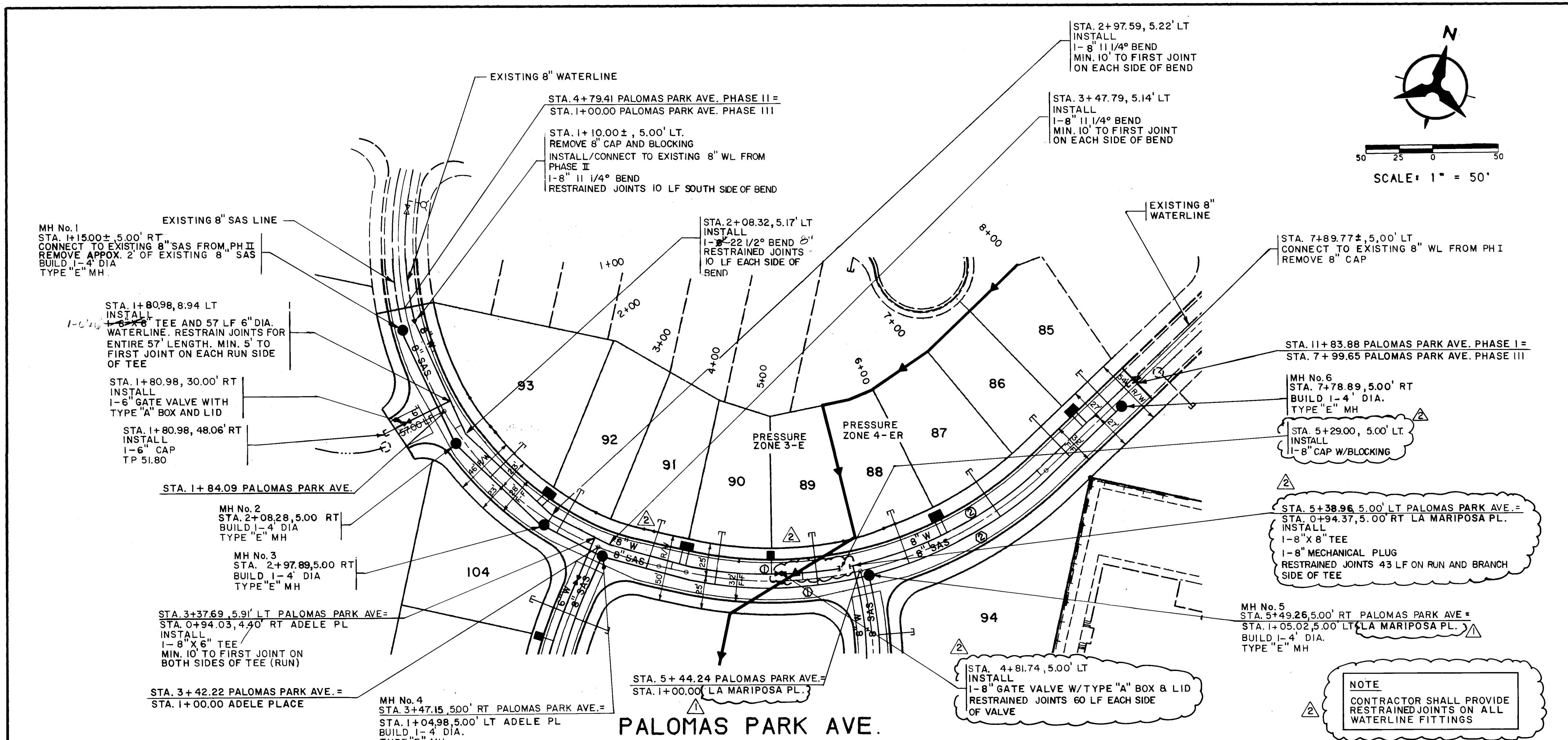
AS BUILT INFORMATION	
CONTRACTOR	ALCO SYSTEM
INSPECTOR'S	DATE
ACCEPTANCE BY	DATE
DATE	DATE
MICRO-FILM INFORMATION	
RECORDED BY	NO.

BENCH MARKS	
STATION IS A STANDARD USC&GS BRASS TABLET	
STAMPED "HEAVEN 1969" SET IN TOP OF A.	LOCATED
CONCRETE POST FLUSH WITH THE GROUND. LOCATED	APPROXIMATELY 800 FEET.
WEST ON PASO DEL NORTE FROM WYOMING BLVD.	

SURVEY INFORMATION	
FIELD NOTES	NO.
DATE	DATE

ENGINEER'S SEAL	
DATE	

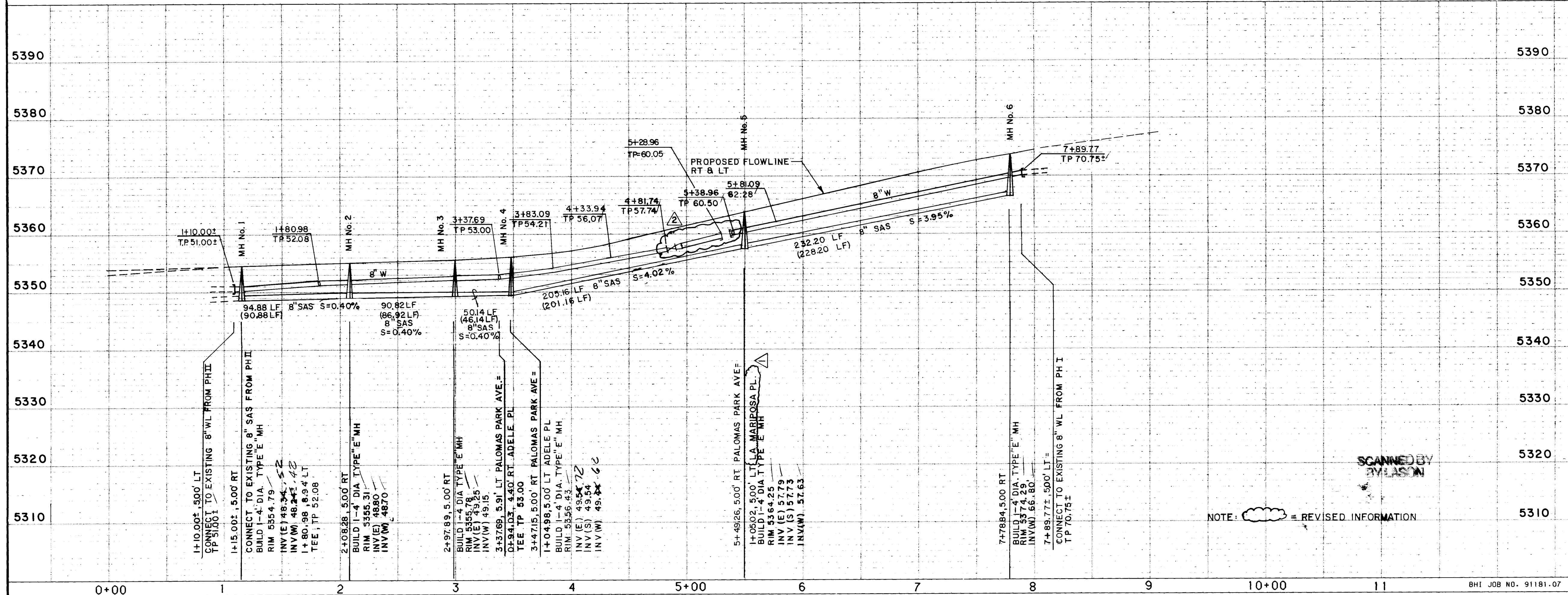
KP	KP	BY	DATE
12-27-93	12-27-93	12-27-93	12-27-93
REVISIONS	DESIGN	DATE	DATE
1	1	1	1



WATERLINE CURVE DATA	
①	P.I. STA. 4+46.39 DELTA 13° 20' 49.2" D 19° 25' 19" T 34.52' L 68.72' R 295.00'
WATERLINE CURVE DATA	
②	P.I. STA. 6+23.21 DELTA 31° 52' 33.6" D 19° 25' 19" T 84.25' L 164.12' R 295.00'
SAS CURVE DATA	
①	P.I. STA. 4+72.57 DELTA 30° 25' 15.6" D 18° 47' 10" T 82.93' L 161.94' R 305.00'
SAS CURVE DATA	
②	P.I. STA. 6+30.73 DELTA 29° 54' 36.0" D 18° 47' 9.6" T 81.47' L 159.22' R 305.00'

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WATER AND SANITARY SEWER SERVICES						
LOT #	WL STATION & OFFSET	WL TYPE	SAS STATION & OFFSET	SAS LENGTH	TOP OF PIPE @ PLUG	
85	7+48.03 5.00' LT	DOUBLE	7+73.89 5.00' RT	42'	68.84	✓
86			7+25.53 5.00' RT	42'	66.93	✓
87			6+57.01 5.00' RT	42'	64.20	✓
88	6+15.53 5.00' LT	DOUBLE	5+81.09 5.00' RT	42'	61.15	✓
89	4+76.74 5.00' LT	SINGLE	5+11.00 5.00' RT	40'	59.29	✓
90			4+33.94 5.00' RT	40'	55.20	✓
91	4+06.81 5.29' LT	DOUBLE	3+83.09 3.44' RT	38.46'	53.14	✓
92			3+11.23 3.98' RT	37.98'	51.48	✓
93	2+85.63 7.03' LT	DOUBLE	2+45.44 0.95' RT	33.97'	51.09	✓



- NOTES (Continued)**
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 13. ALL SANITARY SEWER CONSTRUCTED USING SDR 35 PVC
 14. ALL WATER LINE CONSTRUCTED USING C900 PVC

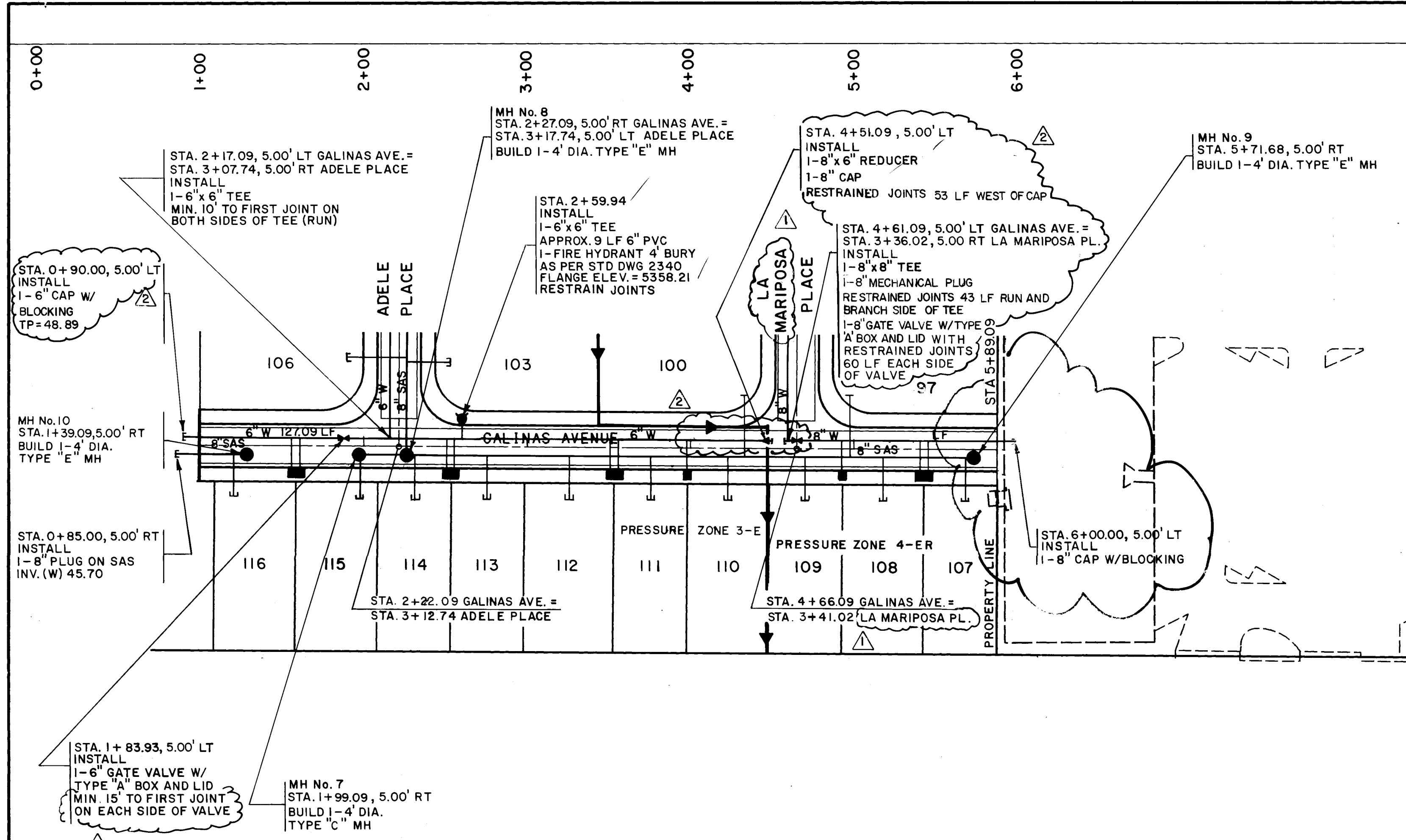
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING

PALOMAS PARK - PHASE III
UTILITY PLAN & PROFILE
PALOMAS PARK AVE- STA. 1+00.00 TO STA. 7+99.65

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRG CHAIRMAN	<i>[Signature]</i>	10-26-93	WATER	<i>[Signature]</i>	
TRANSPORTATION	<i>[Signature]</i>	7-02-93	WASTE WATER	<i>[Signature]</i>	
HYDROLOGY	<i>[Signature]</i>	07-08-93			

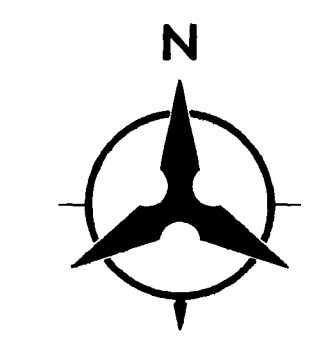
DESIGNED BY RBG DATE 3/93
DRAWN BY KW/MZM DATE 3/93
CHECKED BY JRT DATE 3/93

DRAWING NO. **4510.92** MAP NO. **D-19** SHEET **9** OF **12**

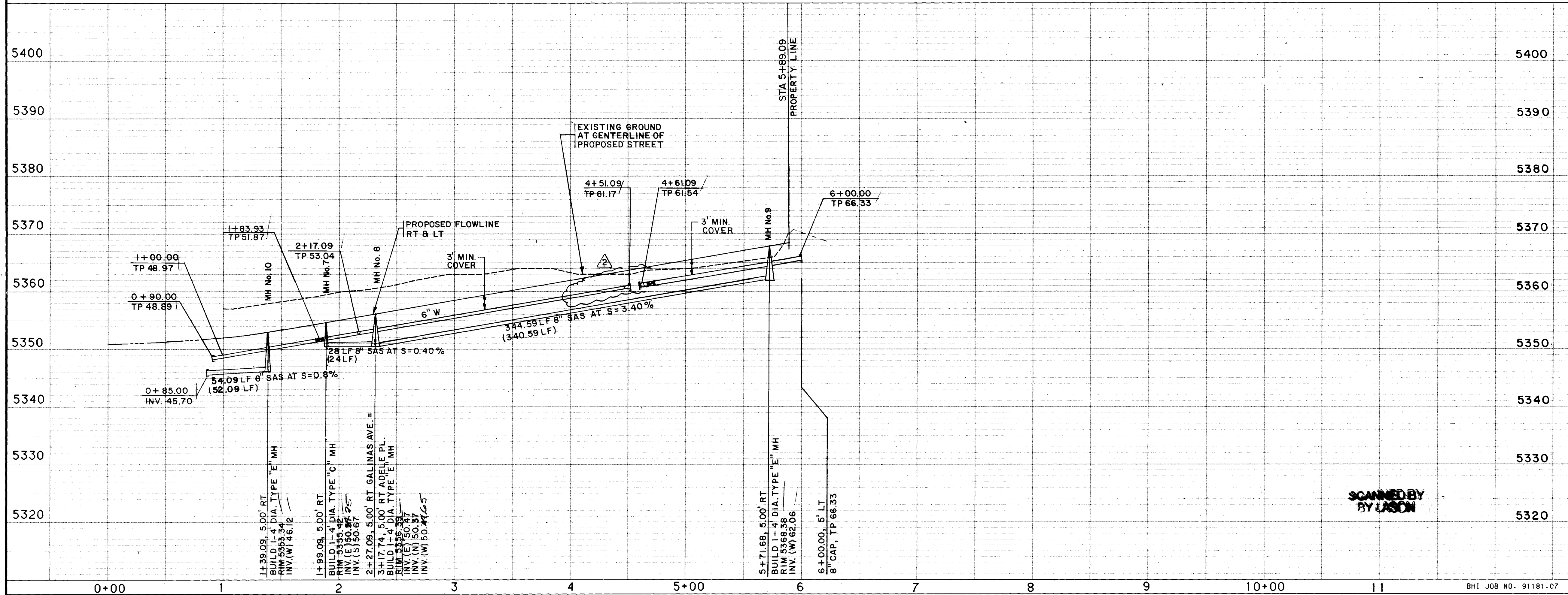


WATER AND SANITARY SEWER SERVICES					
LOT #	STATION & OFFSET	WL TYPE	SAS STATION & OFFSET	SAS LENGTH	TOP OF PIPE @ PLUG
97	SEE MARIPOSA PL.		4+98.09 5.00' RT	37'	61.83
100	SEE MARIPOSA PL.		4+34.09 5.00' RT	37'	59.78
107	5+44.18 5.00' LT	DOUBLE	5+66.68 5.00' RT	27'	63.82
108			5+19.18 5.00' RT	27'	62.30
109	4+94.18 5.00' LT	SINGLE	4+71.68 5.00' RT	27'	60.78
110	3+99.18 5.00' LT	SINGLE	4+24.18 5.00' RT	27'	59.26
111			3+76.68 5.00' RT	27'	57.74
112	3+54.18 5.00' LT	DOUBLE	3+26.68 5.00' RT	27'	56.14
113			2+76.68 5.00' RT	27'	54.54
114	2+54.18 5.00' LT	DOUBLE	2+32.09 5.00' RT	27'	53.12
115			1+99.09 5.00' RT	27'	51.21
116	1+09.18 5.00' LT	DOUBLE	1+34.18 5.00' RT	27'	47.96

NOTE
CONTRACTOR SHALL PROVIDE
RESTRAINED JOINTS ON ALL
WATERLINE FITTINGS



GALINAS AVENUE



NOTES

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13. ALL SANITARY SEWER CONSTRUCTED USING SDR 35 PVC
14. ALL WATER LINE CONSTRUCTED USING C 900 PVC

AS-BUILT INFORMATION

CONTRACTOR: **HOBAS**

STATION: **11-11-93**

DATE: **11-11-93**

BY: **WJM**

NO. **10**

REVISIONS

DESIGNED BY: **RGB**

DRAWN BY: **KW/NZM**

CHECKED BY: **JRT**

DATE: **3/93**

DATE: **3/93**

DATE: **3/93**

CITY OF ALBUQUERQUE

PUBLIC WORKS DEPARTMENT

ENGINEERING

PALOMAS PARK - PHASE III

UTILITY PLAN & PROFILE

GALINAS AVE- STA. 1+00.00 TO STA. 5 + 89.66

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
DRC CHAIRMAN	<i>[Signature]</i>	10-26-93	WATER	<i>[Signature]</i>	
TRANSPORTATION	<i>[Signature]</i>	7-02-93	WASTE WATER	<i>[Signature]</i>	
HYDROLOGY	<i>[Signature]</i>	07-08-93			

SCANNED BY: **BY LASON**

BHI JOB NO. 91181.07

SCALE: 1" = 50' (HORIZ.)
1" = 10' (VERT.)

DRAWING NO. **4510.92**

MAP NO. **D-19**

SHEET **10** OF **12**

WATERLINE CURVE DATA	
P.I.	STA. 1+75.21
DELTA	10° 56' 34.8"
D	18° 47' 10"
T	29.21'
L	58.25'
R	305.00'

SAS CURVE DATA	
P.I.	STA. 1+75.26
DELTA	10° 56' 34.8"
D	18° 47' 10"
T	28.26'
L	56.34'
R	295.00'

WATERLINE CURVE DATA	
P.I.	STA. 1+67.74
DELTA	27° 44' 56.4"
D	19° 25' 19"
T	72.87'
L	147.87'
R	295.00'

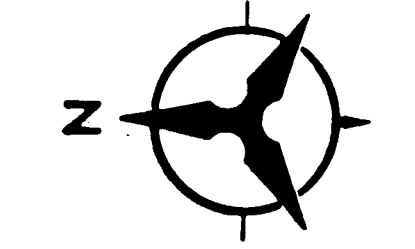
SAS CURVE DATA	
P.I.	STA. 1+74.83
DELTA	25° 46' 55.2"
D	18° 47' 10"
T	69.81'
L	137.25'
R	305.00'

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WATER AND SANITARY SEWER SERVICES					
LOT #	WL STATION & OFFSET	WL TYPE	SAS STATION & OFFSET	SAS LENGTH	TOP OF PIPE @ PLUG
94	1+64.30 5.00' RT	DOUBLE	1+49.97 5.00' LT	27'	61.52'
95	1+96.06 5.00' LT	27'	1+96.06 5.00' LT	27'	61.83'
96	2+71.91 5.00' RT	DOUBLE	2+40.18 5.00' LT	27'	62.12'
97	2+71.91 5.00' RT	DOUBLE	SEE GALINAS AVE.	---	---
98	2+11.81 5.00' RT	SINGLE	1+81.81 5.00' LT	37'	60.66'
99	2+37.18 5.00' LT	37'	2+37.18 5.00' LT	37'	61.03'
100	2+63.91 5.00' RT	DOUBLE	SEE GALINAS AVE.	---	---
101	1+84.35 5.00' RT	SINGLE	1+57.85 5.00' LT	27'	53.51'
102	2+10.09 5.00' LT	27'	2+10.09 5.00' LT	27'	53.86'
103	2+40.67 5.00' RT	DOUBLE	2+61.17 5.00' LT	27'	54.20'
104	1+77.59 5.00' RT	SINGLE	1+54.36 5.00' LT	37'	52.05'
105	2+03.63 5.00' LT	37'	2+03.63 5.00' LT	37'	52.37'
106	2+30.67 5.00' RT	DOUBLE	2+58.17 5.00' LT	37'	52.74'

*2' RISER

NOTE
CONTRACTOR SHALL PROVIDE RESTRAINED JOINTS ON ALL WATERLINE FITTINGS



SCALE: 1" = 50'

NOTES (Continued)

8. CONTRACTOR SHALL PROVIDE THE INSPECTORS, (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
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CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING			
PALOMAS PARK - PHASE III UTILITY PLAN & PROFILE ADELE PLACE, LA MARIPOSA PLACE			
APPROVALS	ENGINEER	DATE	APPROVALS
DRG CHAIRMAN	<i>[Signature]</i>	10-26-93	WATER
TRANSPORTATION	<i>[Signature]</i>	7-02-93	WASTE WATER
HYDROLOGY	<i>[Signature]</i>	07-08-93	
DESIGNED BY RBG		DATE 3/93	DRAWN BY KWM/MZM
CHECKED BY JRT		DATE 3/93	
		DATE 3/93	

