

SCANNED BY
MESA REPRO

CAUTION:
NOTE THAT ALL EXISTING UTILITIES MAY NOT BE SHOWN. ALL EXISTING SERVICE CONNECTIONS ARE NOT SHOWN. ANY EXISTING UTILITIES THAT ARE SHOWN ARE APPROXIMATE LOCATION ONLY. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT ALL THE UTILITY OWNERS AND TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO ANY EXCAVATIONS TO DETERMINE THE ACTUAL LOCATION OF UTILITIES AND OTHER IMPROVEMENTS.

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 ENGINEER.
- ☐ SIDEWALK AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED
- ☐ IF CURB IS DEPRESSED FOR A DRIVEPAD, THE DRIVEPAD SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.
- ☐ ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.
- ☐ THE REQUESTOR OR DEVELOPER SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ALL CURB AND GUTTER OR SIDEWALK DAMAGE AFTER APPROVAL BY THE CITY ENGINEER OR WORK COMPLETED BY THE CONTRACTOR.

CONSTRUCTION PLANS FOR EL PORVENIR SUBDIVISION SUBDIVISION ALBUQUERQUE, NEW MEXICO

INDEX

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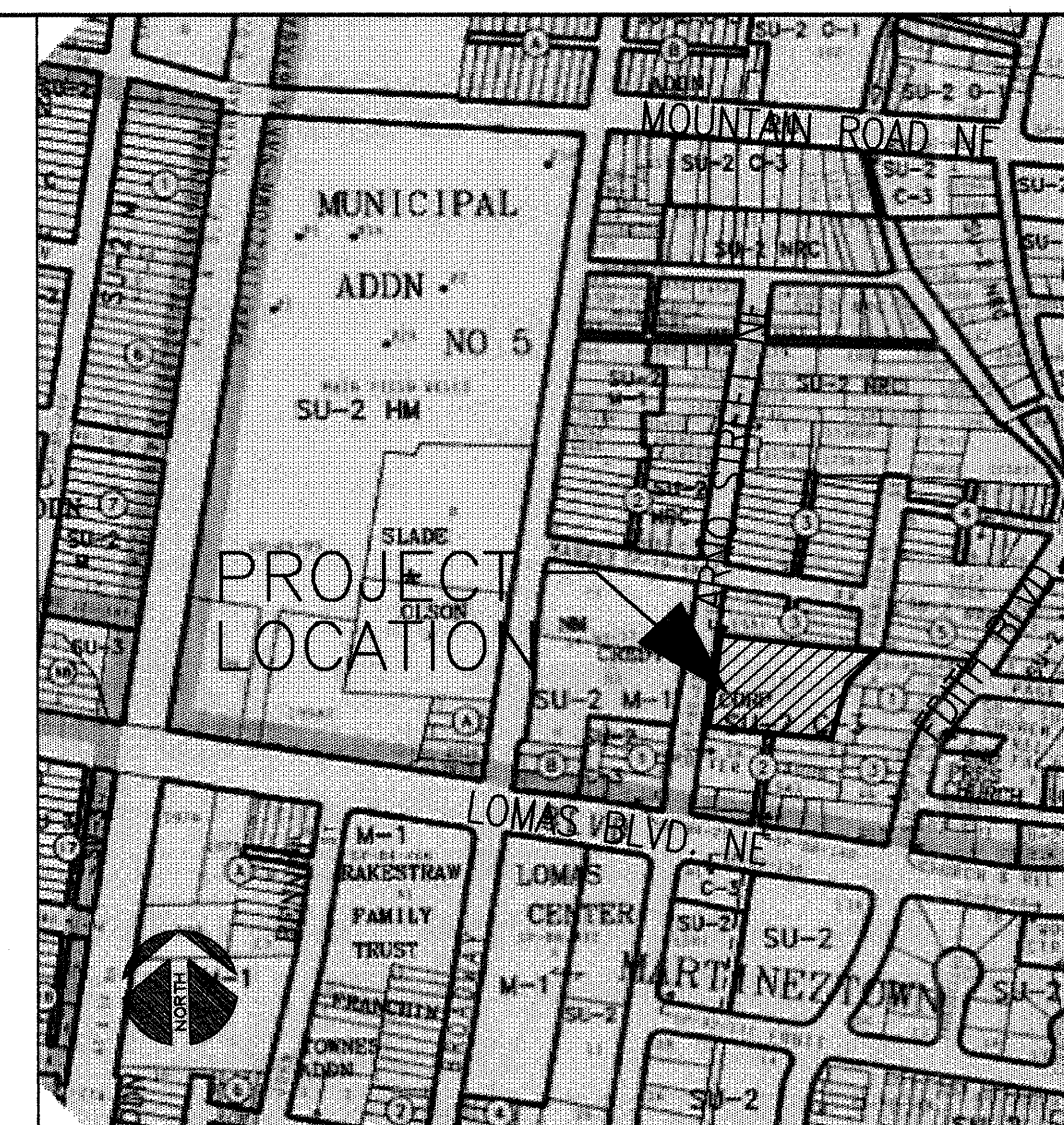
RECORD DRAWINGS

I, Gilbert Aldaz of the firm of Applied Engineering & Surveying, Inc., a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision and has been constructed in accordance with the plans and specifications approved by the City Engineer, that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This certification is based on site inspections by me or personnel under my direction.



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26 7254191 05

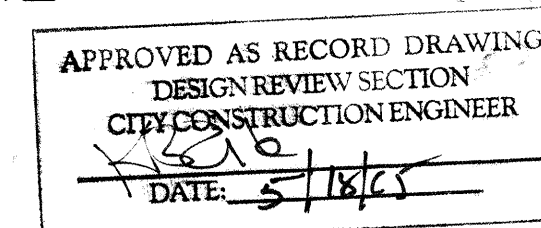
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VICINITY MAP (J-14)

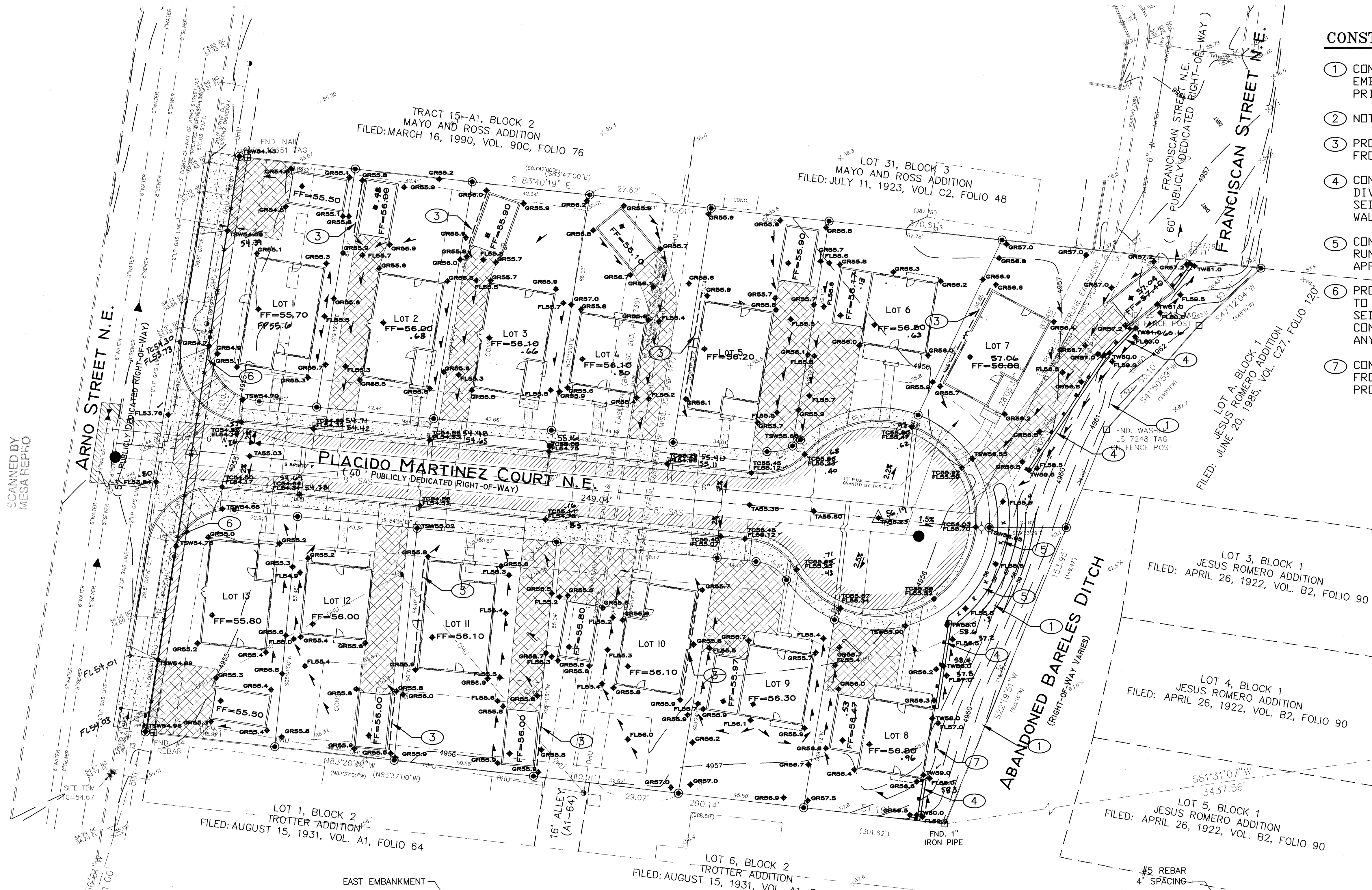
GENERAL NOTES NOTICE TO CONTRACTORS

- CITY OF ALBUQUERQUE SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS AMENDED THROUGH UPDATE 7, WILL BE REFERRED TO HEREIN AS THE "STANDARD SPECIFICATIONS".
- TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (260-1990) AND DETERMINE LOCATION OF EXISTING UTILITIES.
- PRIOR TO ANY 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 THE SURVEYOR SO THAT THE CONFLICT CAN BE RESOLVED WITHOUT DELAY.
- ALL EXISTING SIGNS, MARKERS, DELINEATORS, ETC. WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED, STORED AND RE-SET BY THE CONTRACTOR.
- THE 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 CITY SURVEYOR. 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.
- FIVE (5) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION THE CONTRACTOR SHALL SUBMIT TO THE CONSTRUCTION CO-ORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY BARRICADE ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION.
- ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED BY CONTRACTOR TO LOCATION AS EXISTING OR AS INDICATED BY THIS PLAN SET
- WATER SHUTOFF-REQUIREMENTS: THE CONTRACTOR SHALL BE RESPONSIBLE FOR TIMING AND COORDINATION OF WATER SHUTOFF. AT LEAST SEVEN (7) WORKING DAYS PRIOR TO CONSTRUCTION, CONTRACTOR SHALL CONTACT THE WATER SYSTEMS DIVISION, 857-8200, TO INITIATE IMPLEMENTATION OF THE NON-PRESSURIZED CONNECTION PLAN.



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ENGINEERS AND PLANNERS
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Albuquerque, New Mexico 87112
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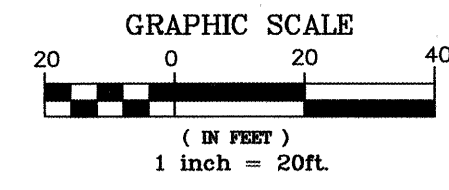
REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS		ENGINEER	DATE	*****	
		DRC Chairman	<i>[Signature]</i>	2-12-04	APPROVED FOR CONSTRUCTION	<i>[Signature]</i> 6-04-04 City Engineer Date	
		Transportation	<i>[Signature]</i>	01/30/04			
		Water/Wastewater	<i>[Signature]</i>	1/27/2004			
		Hydrology	<i>[Signature]</i>	1/26/04			
		Parks	<i>[Signature]</i>	2-12-04			
CITY PROJECT No.		72548191		Sheet 1 Of 7			



CONSTRUCTION NOTES:

- 1 CONTRACTOR SHALL SEED ALL DISTURBED AREAS ON EMBANKMENT PER CITY OF ALBUQUERQUE SPECIFICATIONS PRIOR TO ACCEPTANCE BY THE ENGINEER.
- 2 NOT USED.
- 3 PROVIDE ROOF GUTTER TO DRAIN ROOF FLOWS TO FRONT YARD WITH DOWNSPOUT AT FRONT YARD.
- 4 CONSTRUCT RAILROAD TIES RETAINING WALL TO DIVERT OFFSITE FLOWS FROM EMBANKMENT TO SEDIMENT POND AT CUL-DE-SAC, SEE RETAINING WALL DETAIL.
- 5 CONSTRUCT SEDIMENT POND TO MINIMIZE SEDIMENT RUNOFF INTO NEW CUL-DE-SAC STREET, APPROXIMATELY 40' LONG BY ONE FOOT DEPTH.
- 6 PROVIDE SILT FENCE PER LIMITS SHOW PRIOR TO CONSTRUCTION IN ORDER TO MINIMIZE SEDIMENT RUNOFF INTO ARNO STREET DURING CONSTRUCTION. CONTRACTOR SHALL CLEAN ANY SEDIMENT RUNOFF INTO ARNO STREET.
- 7 CONSTRUCT 12" DEEP SWALE TO DIVERT FLOW AWAY FROM HOUSE AND PARALLEL WITH RETAINING WALL. PROVIDE ROCK SWALE WITH LINER PER DETAIL B.

UTILITY PRECAUTIONS
THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE, PIPELINE, OR UNDERGROUND UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPELINES, AND UNDERGROUND UTILITY LINES. IN PLANNING AND CONDUCTING EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS, IF ANY, PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES.



SILT FENCE DETAIL

- SCALE: 1/2" = 1'-0"
- EROSION CONTROL MEASURES:**
1. PROVIDE TEMPORARY SILT FENCE ALONG EAST R.O.W. ON ARNO STREET AND AT BOTTOM OF EMBANKMENT ON EAST OF PROPERTY DURING CONSTRUCTION.
 2. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE SITE INTO PUBLIC RIGHT-OF-WAY OR ONTO PRIVATE PROPERTY. CONTRACTOR SHALL IMMEDIATELY CLEAN ANY SEDIMENT RUNOFF CARRIED INTO THE STREET, TO INCLUDE SWEEPING THE STREET ON A DAILY BASIS AS NEEDED.
 3. THE CONTRACTOR SHALL SECURE A 'TOP SOIL DISTURBANCE PERMIT' PRIOR TO BEGINNING CONSTRUCTION.

RAILROAD TIES RETAINING WALL

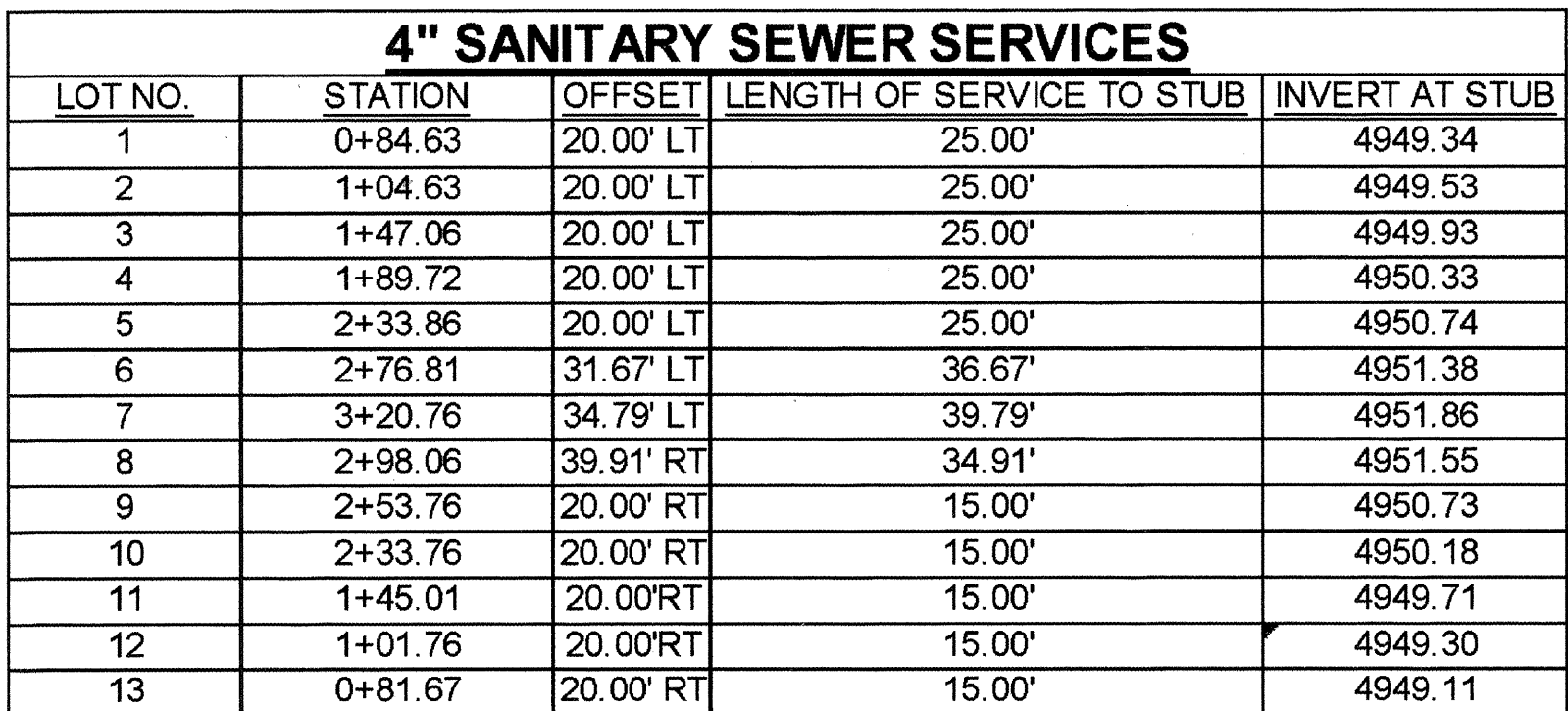
SCALE: 1/2" = 1'-0"

GRADING PLAN

SCALE: 1" = 20'

LEGEND			
— 5360 —	NEW CONTOUR GRADE	— 5360 —	NEW GRADE BREAK
— 5362 —	EXISTING CONTOUR GRADE	— 5362 —	EXISTING GRADE ELEVATION
— 5364 —	NEW GRADE ELEVATION	— 5364 —	NEW GRADE ELEVATION
— 5366 —	NEW GRADE ELEVATION	— 5366 —	NEW GRADE ELEVATION
— 5368 —	NEW GRADE ELEVATION	— 5368 —	NEW GRADE ELEVATION
— 5370 —	NEW GRADE ELEVATION	— 5370 —	NEW GRADE ELEVATION
— 5372 —	NEW GRADE ELEVATION	— 5372 —	NEW GRADE ELEVATION
— 5374 —	NEW GRADE ELEVATION	— 5374 —	NEW GRADE ELEVATION
— 5376 —	NEW GRADE ELEVATION	— 5376 —	NEW GRADE ELEVATION
— 5378 —	NEW GRADE ELEVATION	— 5378 —	NEW GRADE ELEVATION
— 5380 —	NEW GRADE ELEVATION	— 5380 —	NEW GRADE ELEVATION
— 5382 —	NEW GRADE ELEVATION	— 5382 —	NEW GRADE ELEVATION
— 5384 —	NEW GRADE ELEVATION	— 5384 —	NEW GRADE ELEVATION
— 5386 —	NEW GRADE ELEVATION	— 5386 —	NEW GRADE ELEVATION
— 5388 —	NEW GRADE ELEVATION	— 5388 —	NEW GRADE ELEVATION
— 5390 —	NEW GRADE ELEVATION	— 5390 —	NEW GRADE ELEVATION
— 5392 —	NEW GRADE ELEVATION	— 5392 —	NEW GRADE ELEVATION
— 5394 —	NEW GRADE ELEVATION	— 5394 —	NEW GRADE ELEVATION
— 5396 —	NEW GRADE ELEVATION	— 5396 —	NEW GRADE ELEVATION
— 5398 —	NEW GRADE ELEVATION	— 5398 —	NEW GRADE ELEVATION
— 5400 —	NEW GRADE ELEVATION	— 5400 —	NEW GRADE ELEVATION

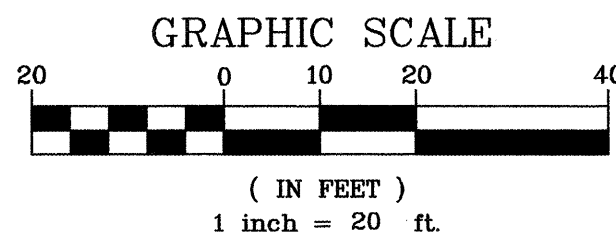
APPLIED ENGINEERING AND SURVEYING, INC. ENGINEERS AND PLANNERS 1400 West 10th Ave. Suite 100 Albuquerque, New Mexico 87102 Office: (505) 237-1400 Fax: (505) 237-1400		CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING DEVELOPMENT GROUP	
TITLE: GRADING PLAN E.L. PORVENIR SUBDIVISION			
Design Review Committee	City Engineer Approval	Last Design Update	
FOR INFORMATION ONLY		Mo./Day/Yr.	Mo./Day/Yr.
City Project No.	Zone Map No.	Sheet	Of
725481 91	J-14	3	7



SCALE: 1" = 20'

SEE SHEET 5 OF 7 FOR WATERLINE
RESTRAINT REQUIREMENTS.

- ① APPROXIMATE LIMITS OF ASPHALT REMOVAL AND REPLACEMENT LIMITS, RECONSTRUCT PER COA STD. DWG. 2465.
- ② APPROXIMATE LIMITS OF CURB AND GUTTER REMOVAL AND REPLACEMENT LIMITS, RECONSTRUCT PER COA STD. DWG. 2415A.
- ③ INSTALL WATER METER SERVICES, PER COA STD. DWGS. 2362, 2366 AND 2369. INSTALL APPROVED DUAL CHECK VALVES ON ALL SERVICES PER SPEC. SECTION 802.3.9.
- ④ INSTALL 4" SANITARY SEWER SERVICE LINE, PER COA STD. DWG. 2125.



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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: PLACIDO MARTINEZ COURT NE
SAS & WATER PLAN & PROFILE

Design Review Committee

City Engineer Approval

Mo./Day/Yr

Mo./Day/Yr

Last Design Update

City Project No.

Zone Map No.

Sheet

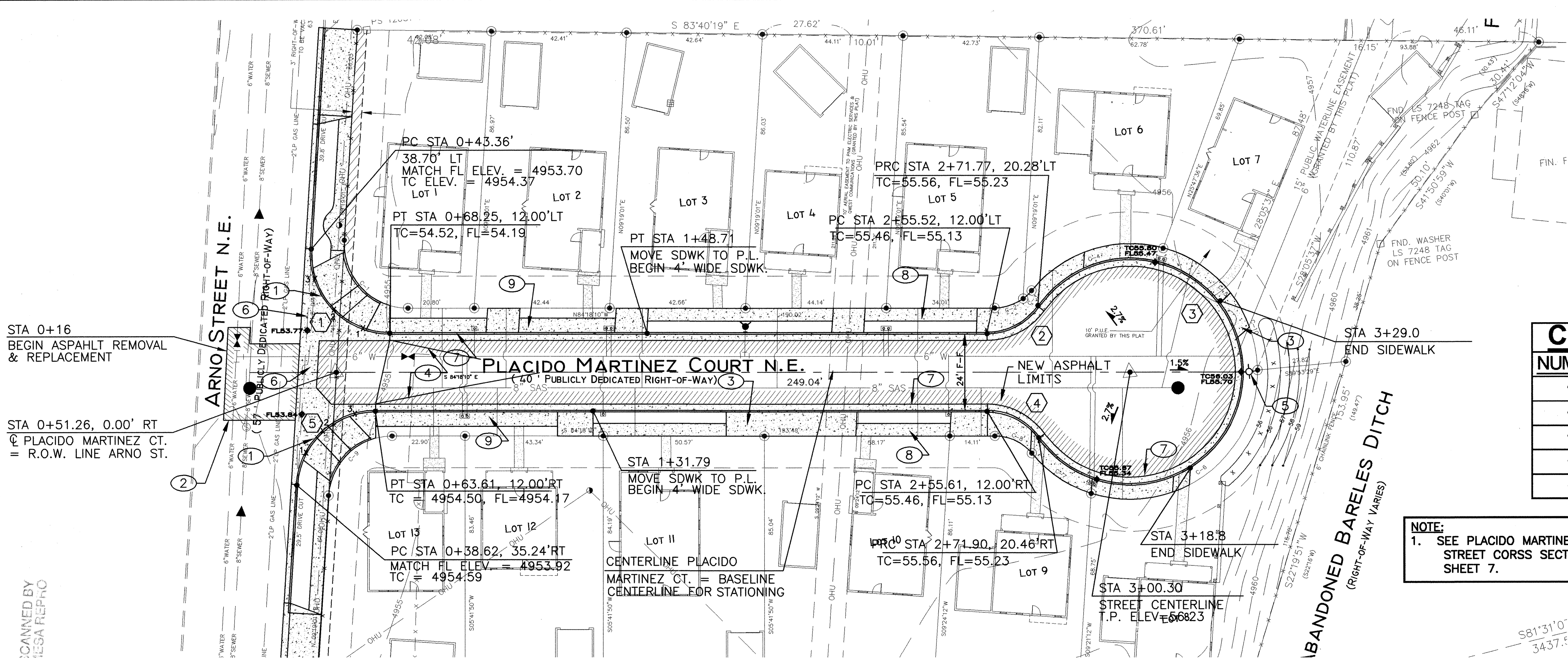
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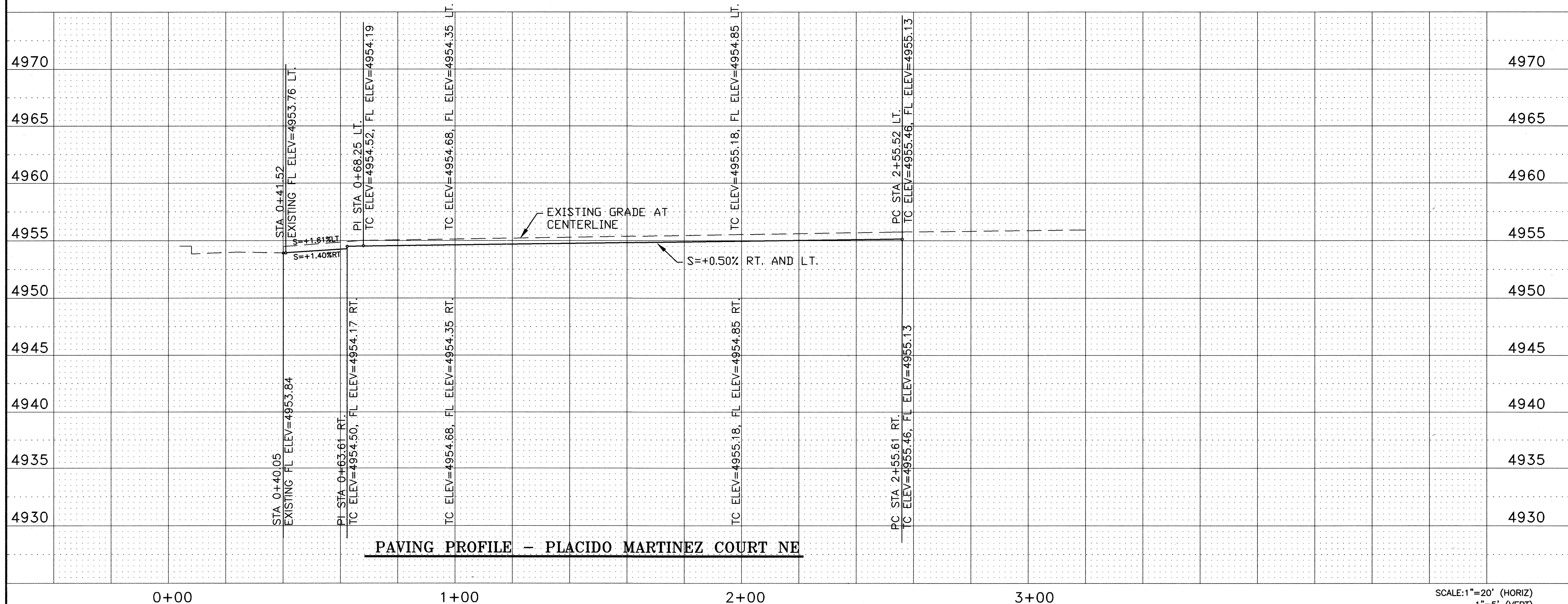
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PAVING PLAN - PLACIDO MARTINEZ COURT NE

SCALE: 1" = 20'



PAVING PROFILE - PLACIDO MARTINEZ COURT NE

① QUARTER POINT ELEV.

	TC	FL
1	4954.24	4954.07
2	4953.95	4953.95
3	4954.16	4953.82

⑤ QUARTER POINT ELEV.

	TC	FL
1	4954.32	4953.98
2	4954.05	4954.05
3	4954.28	4954.11

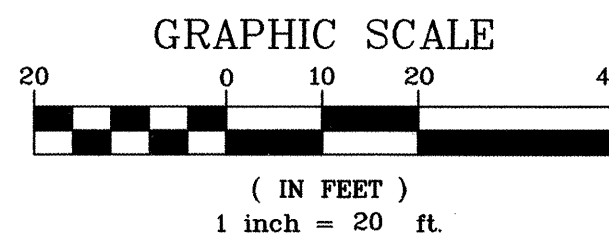
CURVE TABLE AT FACE OF CURB

NUMBER	RADIUS	DELTA	ARC	TAN
①	25.00'	89deg 49'50"	38.32'	24.07'
②	20.00'	54deg 15'06"	18.94'	10.25'
③	35.00'	288deg 48'25"	176.42'	
④	20.00'	54deg 39'21"	19.08'	10.34'
⑤	25.00'	92deg 01'22"	40.15'	25.90'

NOTE:
1. SEE PLACIDO MARTINEZ COURT
STREET CORSS SECTION ON
SHEET 7.

CONSTRUCTION NOTES:

- ① MOUNTABLE TO STANDARD CURB TRANSITION PER CITY STD. DWG 2418. WHEELCHAIR RAMP PER CITY STD. DWG. 2441, CASE II
- ② APPROXIMATE LIMITS OF ASPHALT REMOVAL AND REPLACEMENT LIMITS, RECONSTRUCT PER COA STD. DWG. 2465.
- ③ CONSTRUCT ALL DRIVEWAYS WITH 6" THICKNESS PER CITY STD. DWG 2425 IN CITY OF R.O.W..
- ④ TRANSITION SECTION FROM FULL CROWN TO NO CROWN SECTION IN 50 FEET, PER CITY STD. DWG. 2401.
- ⑤ INSTALL STREET LIGHT AND POLE 2' FROM BACK OF CURB TO CENTER OF FOUNDATION PER CITY STD. DWG. 2580 AND 2581.
- ⑥ CONSTRUCT 6' WIDE CONCRETE VALLEY GUTTER PER CITY STD. DWG. 2420.
- ⑦ CONSTRUCT MOUNTABLE CURB AND GUTTER PER CITY STD. DWG. 2415A.
- ⑧ CONSTRUCT 4' WIDE SIDEWALK PER CITY STD. DWG. 2430.
- ⑨ CONSTRUCT 5' WIDE SIDEWALK PER CITY STD. DWG. 2430.

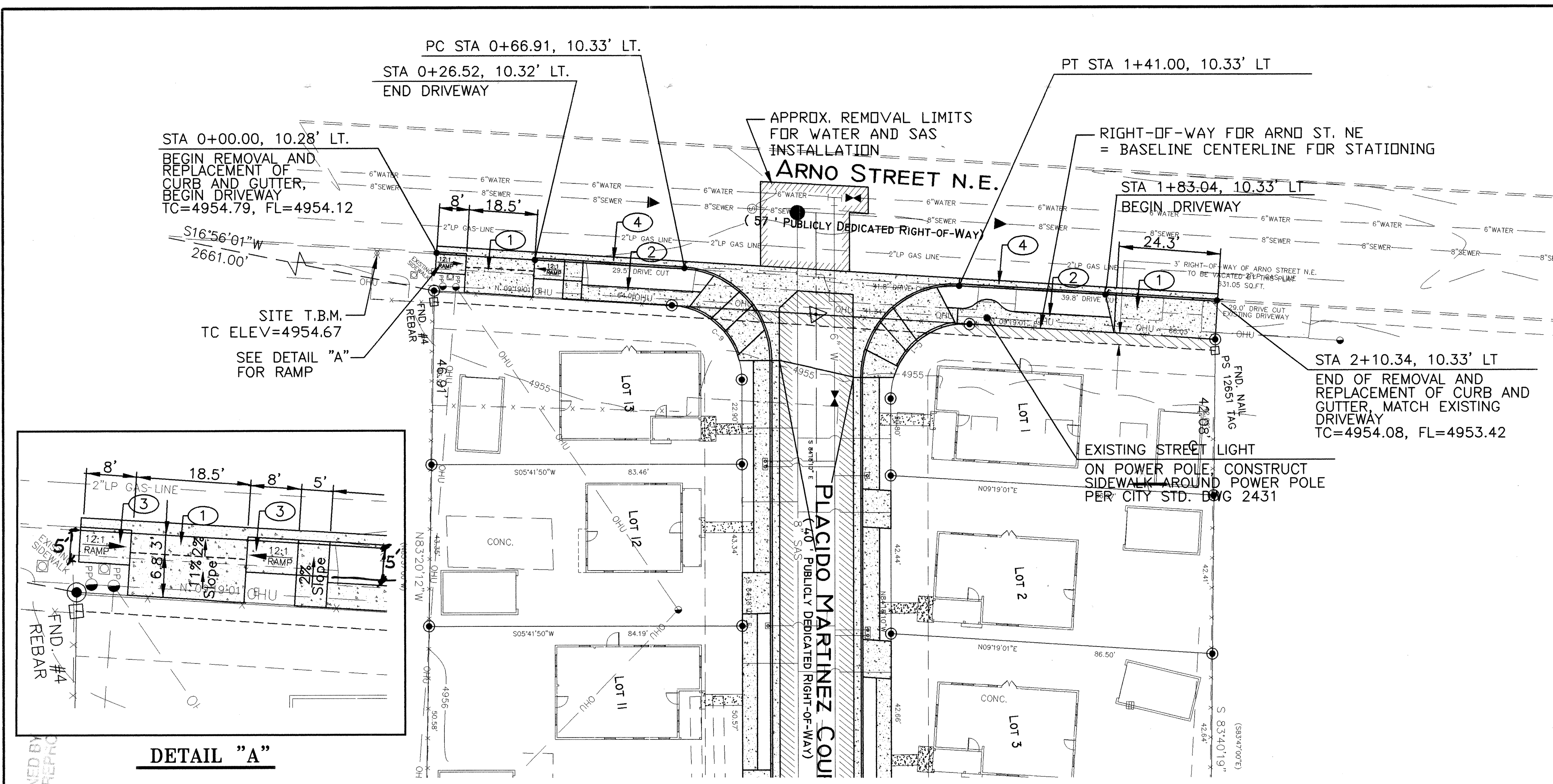


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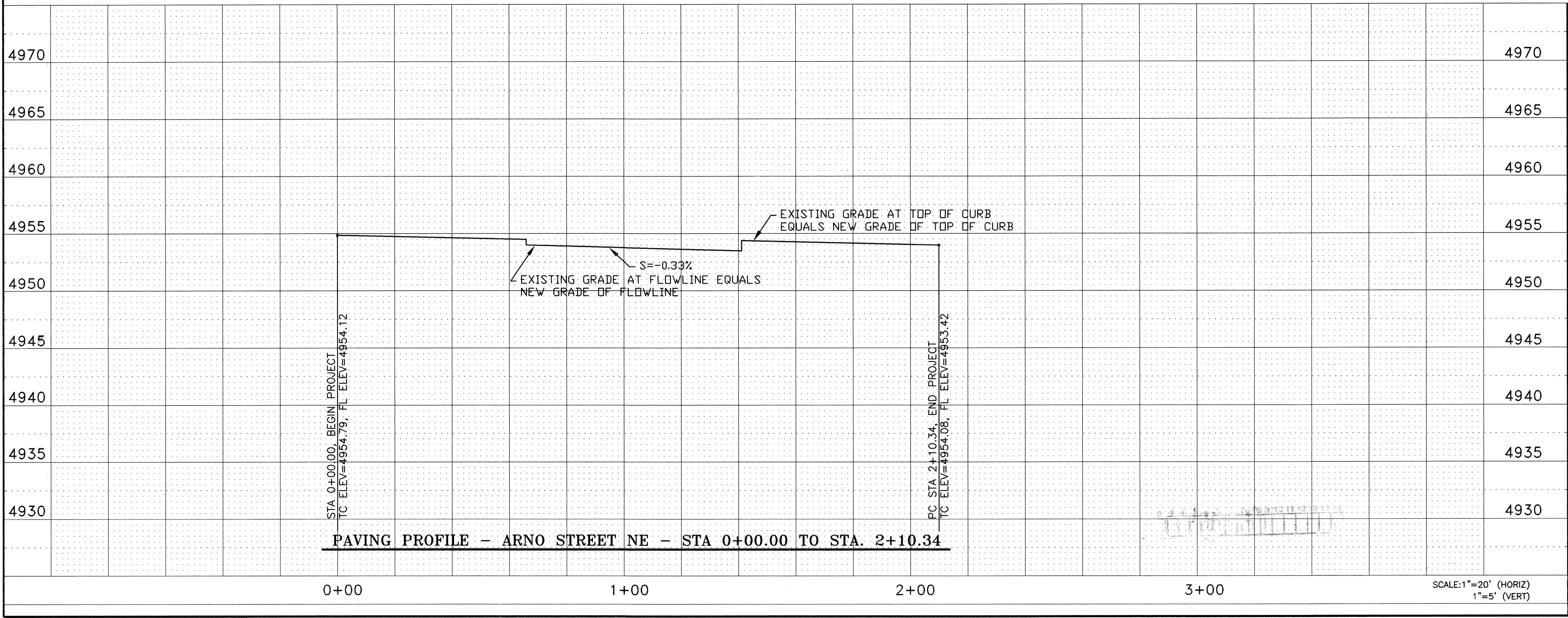
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: **PLACIDO MARTINEZ COURT NE
PAVING PLAN & PROFILE**

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
City Project No. 725481 91	Zone Map No. J-14	Sheet 6	Of 7

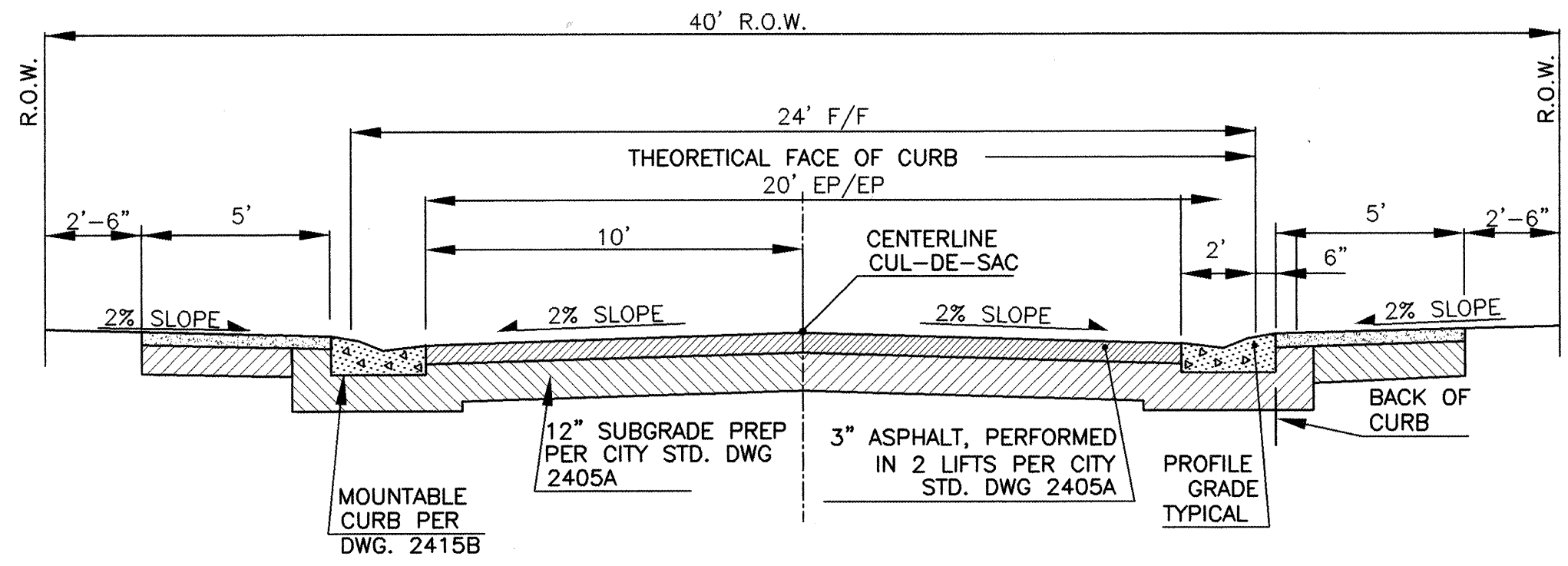


PAVING PLAN - ARNO STREET NE
SCALE: 1" = 20'

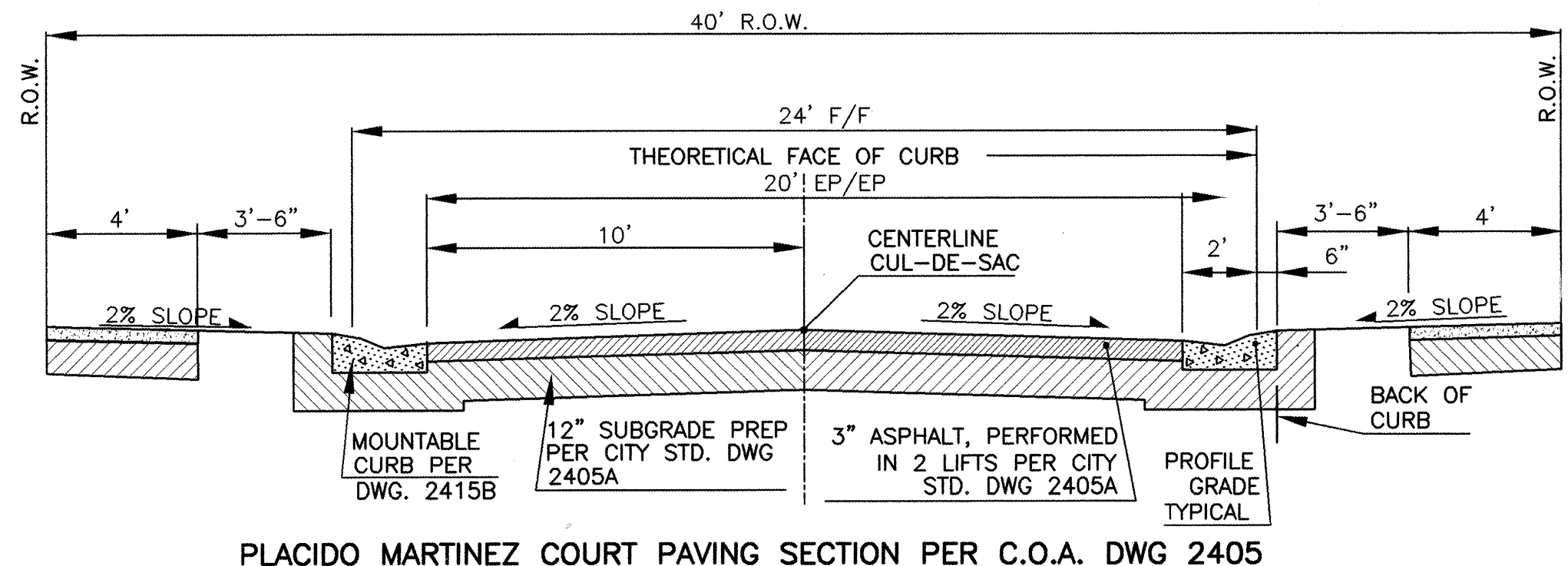


PAVING PROFILE - ARNO STREET NE - STA 0+00.00 TO STA. 2+10.34
SCALE: 1"=20' (HORIZ)
1"=5' (VERT)

R-VALUE SUBGRADE NOTE:
R VALUE IN ALLEY ROADWAY FOR SUBGRADE MATERIAL MUST BE GREATER THAT 50, IF NOT THE CONTRACTOR SHALL REMOVE 2 FEET OF UNSUITABLE SUBGRADE MATERIAL AND IMPORT SUITABLE FILL MATERIAL TO EXCEED AN R VALUE OF 50.



PLACIDO MARTINEZ COURT PAVING SECTION PER C.O.A. DWG 2405
FIRST 95 FEET EAST OF ARNO STREET (LOOKING EAST)
SCALE: 1/4"=1'

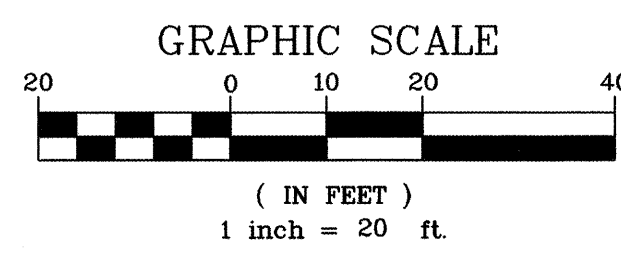


PLACIDO MARTINEZ COURT PAVING SECTION PER C.O.A. DWG 2405
BEGINS 95 FEET EAST OF ARNO STREET (LOOKING EAST)
SCALE: 1/4"=1'

NOTE:
1. SEE PLACIDO MARTINEZ COURT NE FOR CURVE DATA AND ELEVATION DATA SHEET 6.

CONSTRUCTION NOTES:

- ① CONSTRUCT DRIVEPAD PER CITY STD. DWG 2425.
- ② CONSTRUCT 4' WIDE SIDEWALK PER CITY STD. DWG. 2430.
- ③ CONSTRUCT 5' WIDE SIDEWALK PER CITY STD. DWG. 2430.
- ④ CONSTRUCT STANDARD CURB AND GUTTER PER CITY STD. DWG. 2415A



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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING DEVELOPMENT GROUP

TITLE: ARNO STREET NE PAVING PLAN & PROFILE

Design Review Committee	City Engineer Approval	Ms./Day/Yr.	Ms./Day/Yr.
APPROVED	APPROVED		
FEB 12 2014	JUN - 4 2014		
REVIEW COMMITTEE	CITY ENGINEER		
City Project No.	Zone Map No.	Sheet	Of
725481 91	J-14	7	7

AS BUILT INFORMATION				BENCH MARKS				SURVEY INFORMATION				ENGINEER'S SEAL			
CONTRACTOR	STAR PAVING	DATE	08/05/05	SITE BENCHMARK	IS AN A.C.S.	DATE	05/14/05	FIELD NOTES	BY	DATE	05/14/05	ENGINEER'S SEAL	DATE	05/14/05	DATE
INSPECTOR	ADG SURVEYING	DATE	08/05/05	MONUMENT	"5-J 14R"	DATE	05/14/05	NO.							
FIELD	REFERENCE BY	APPLIED ENG	DATE	DISK SET	IN A BLOCK OF	DATE	08/05/05								
VERIFICATION	BY	APPLIED ENG	DATE	CONCRETE	THE STATION IS	DATE	08/05/05								
CORRECTED	BY	APPLIED ENG	DATE	LOCATED	AT THE INTERSECTION	DATE	08/05/05								
				OF LOMAS BLVD	AND THE A.T. & S.F.	DATE	08/05/05								
				RAILWAY	VERTICAL	DATE	08/05/05								
				DATUM	= N.G.V.D. = 1929	DATE	08/05/05								

