

DRAWING NUMBER
26-1545-83
PLAN HOLD CORPORATION • IRVINE, CALIFORNIA
REGISTERED BY NUMBER 07348
POSITION: CHIEF OF PARTY ON THE LINE

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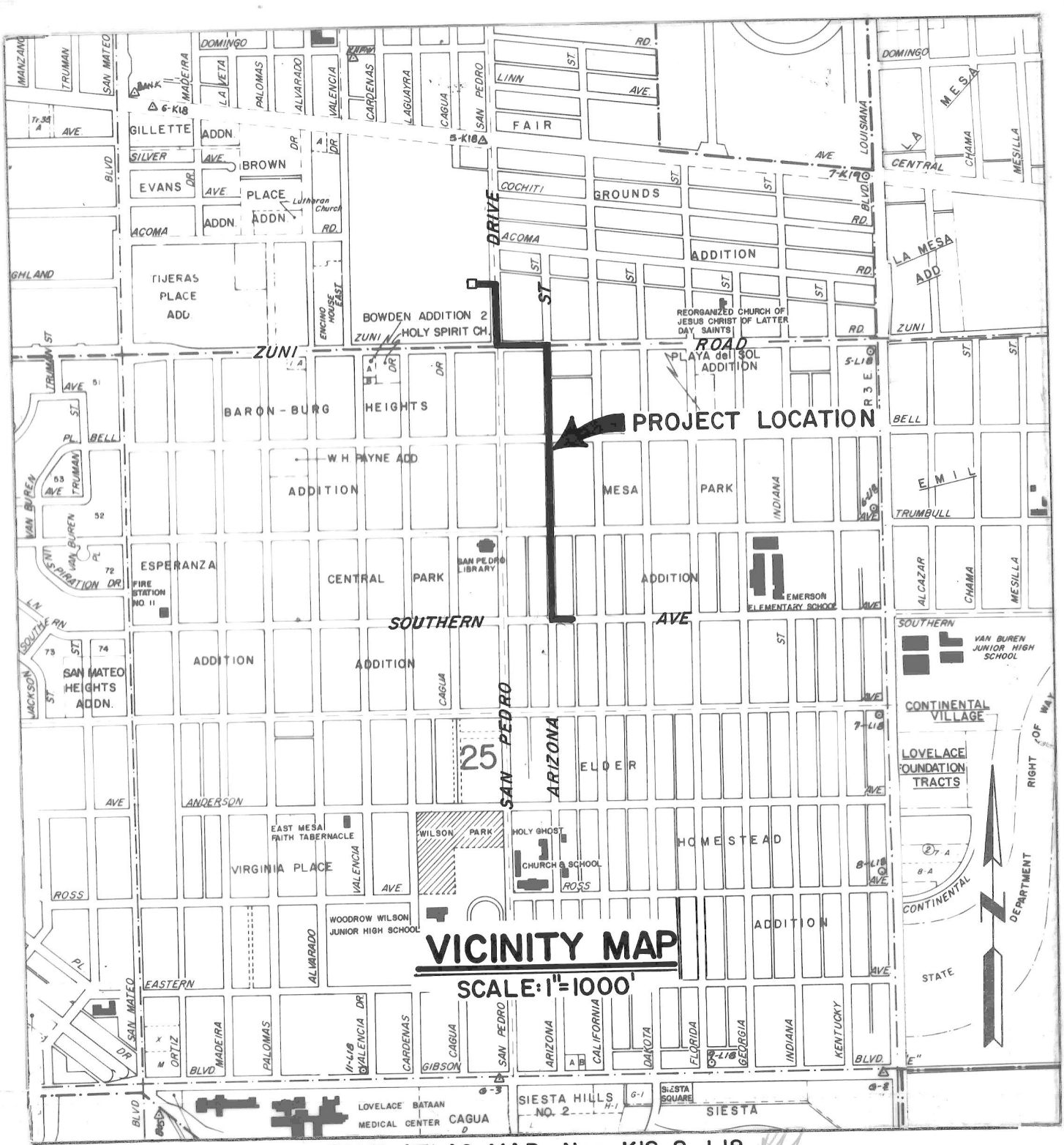
CITY OF ALBUQUERQUE
NEW MEXICO

SOUTHEAST HEIGHTS
STORM DRAINAGE IMPROVEMENTS
SYSTEM 206-01A

ANDREWS, ASBURY & ROBERT, INC.
CONSULTING ENGINEERS
ALBUQUERQUE NEW MEXICO



APPROVAL OF AS-BUILT DRAWINGS
ASSIST. CITY ENGINEER - FIELD
DATE 10-3-83



INDEX

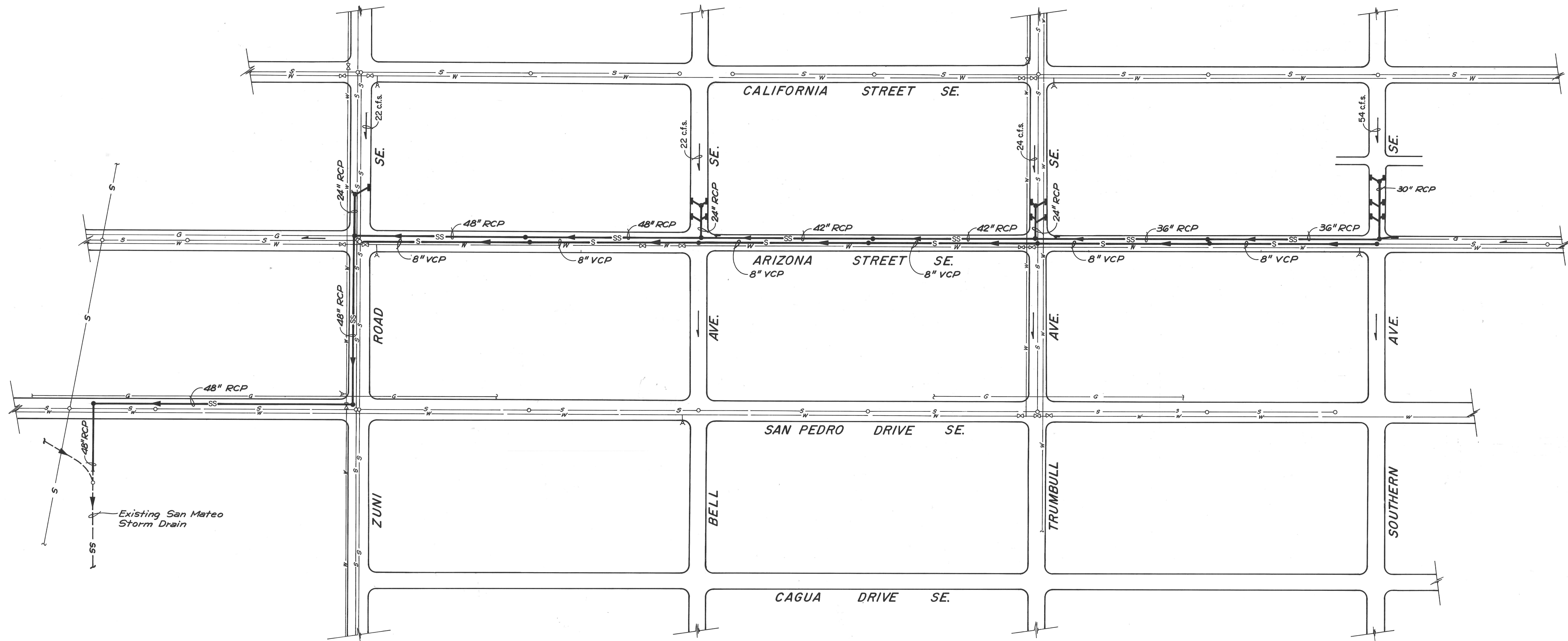
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RECORD DRAWING
26 1545 0183

SET No. ENGRS. FILE No. 81-268
APPROVED FOR CONSTRUCTION
CITY ENGINEER DATE 9/10/82

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer	DATE 9-10-82		Liquid Waste		
ACE Design			Traffic		
ACE Hydrology			Water		

DRAWING NO. 1545 SHEET 1 OF 13



SCALE: 1" = 100'

LEGEND

<i>New Storm Drain Line</i>	
<i>Existing Storm Drain Line</i>	
<i>New Sanitary Sewer</i>	
<i>Existing Sanitary Sewer</i>	
<i>Existing Waterline</i>	
<i>Existing Gas Line</i>	
<i>New Manhole</i>	
<i>Existing Manhole</i>	
<i>Existing Fire Hydrant</i>	
<i>Existing Valve</i>	
<i>New Catch Basin</i>	

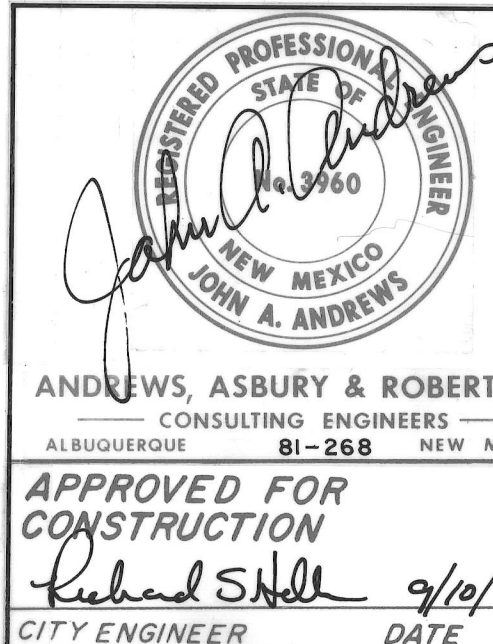
Limits of Payment for Removal & Replacement of Existing Pavement

NOTICE TO CONTRACTORS

1. NEW STANDARD SPECIFICATION SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION - 1979 EDITION WILL BE REFERRED TO HEREON AS THE "STANDARD SPECIFICATION".
2. SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
3. TWO DAYS PRIOR TO STARTING ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 765-1234, FOR LOCATION OF EXISTING UTILITIES.
4. 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.
5. PAYMENT FOR ALL CATCH BASINS SHALL INCLUDE EXCAVATION, BACKFILL, CURB & SIDEWALK REMOVAL AND REPLACEMENT, A 5' UP-STREAM GUTTER TRANSITION, A 3' DOWNSTREAM GUTTER TRANSITION, CONCRETE STRUCTURE, GRATING AND ALL APPURTENANT ITEMS INCLUDING ADDITIONAL COMPENSATION. CURB & GUTTER AND SIDEWALK REMOVAL AND REPLACEMENT SHALL BE TO CONSTRUCTION JOINTS.
6. REMOVAL AND REPLACEMENT OF CURB AND GUTTER, PAVEMENT, SIDEWALKS, DRIVEPADS, VALLEY GUTTER, ETC. WILL NOT BE INSURED FOR PAYMENT OUTSIDE THE LIMITS SPECIFIED. ALL REMOVAL AND REPLACEMENT OUTSIDE THESE LIMITS WILL BE AT THE CONTRACTORS EXPENSE. TRENCHES SHALL COMPLY WITH ALL OSHA REQUIREMENTS.
7. IT WILL BE THE RESPONSIBILITY OF THE CONTRACT TO COORDINATE WITH ALL UTILITIES TO PROTECT AND MAINTAIN EXISTING UTILITIES SERVICE INCLUDING FURNISHING TEMPORARY SERVICE DURING CONSTRUCTION.
8. THE CONTRACTOR SHALL CO-ORDINATE ANY WORK REQUIRED BY OTHERS IN THE CONSTRUCTION AREA WITH THE CONSTRUCTION OF THIS PROJECT.
9. DURING REMOVAL & REPLACEMENT OF EXISTING 8" SANITARY SEWER IN ARIZONA STREET, CONTRACTOR SHALL MAINTAIN SEWER SERVICE AT ALL TIMES BY PUMPING.
10. REPLACEMENT STANDARD CURB & GUTTER SHALL MATCH EXISTING STANDARD CURB & GUTTER EXCEPT WHERE CONTRACTORS CONSTRUCTION PROCEDURES RESULT IN REMOVAL, DISPOSAL AND REPLACEMENT OF AN ENTIRE BLOCK OF CURB & GUTTER (CURB RETURN TO CURB RETURN). IN THIS CASE REPLACEMENT SHALL COMPLY WITH STANDARD DETAIL P-8-3.
11. TOTAL AGGREGATE TIME FOR PARTIAL CLOSURE OF ZUNI ROAD SE AND SAN PEDRO DRIVE NE SHALL NOT EXCEED 50 DAYS. SEE BID PROPOSAL PARAGRAPH 9 LIQUIDATED DAMAGES.
12. CONTRACTOR SHALL REMOVE EXISTING SANITARY SEWER SERVICES NOT OF CAST IRON PIPE CONSTRUCTION AND REPLACE WITH CAST IRON PIPE AS DIRECTED BY THE ENGINEER. NO PAYMENT WILL BE MADE FOR REMOVAL AND REPLACEMENT OF EXISTING CAST IRON SERVICES. MOST OF THE SEWER SERVICES WITHIN THE CONSTRUCTION AREA ARE ASBESTOS-CEMENT.

RECORD DRAWING

1	2	3	4	5	6	7	8	9	10	11	12
26		1	5	4	5			0	2	8	3

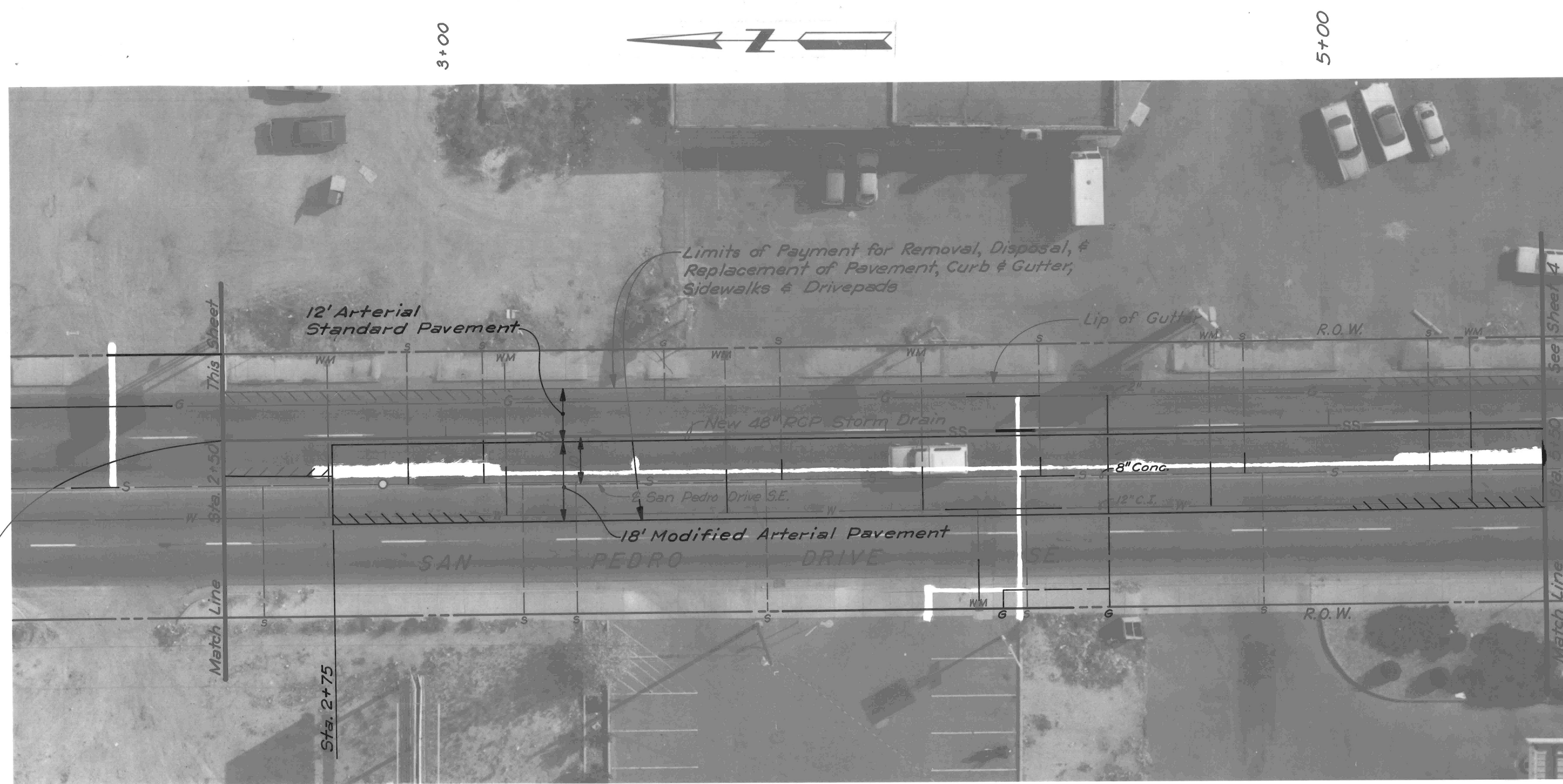
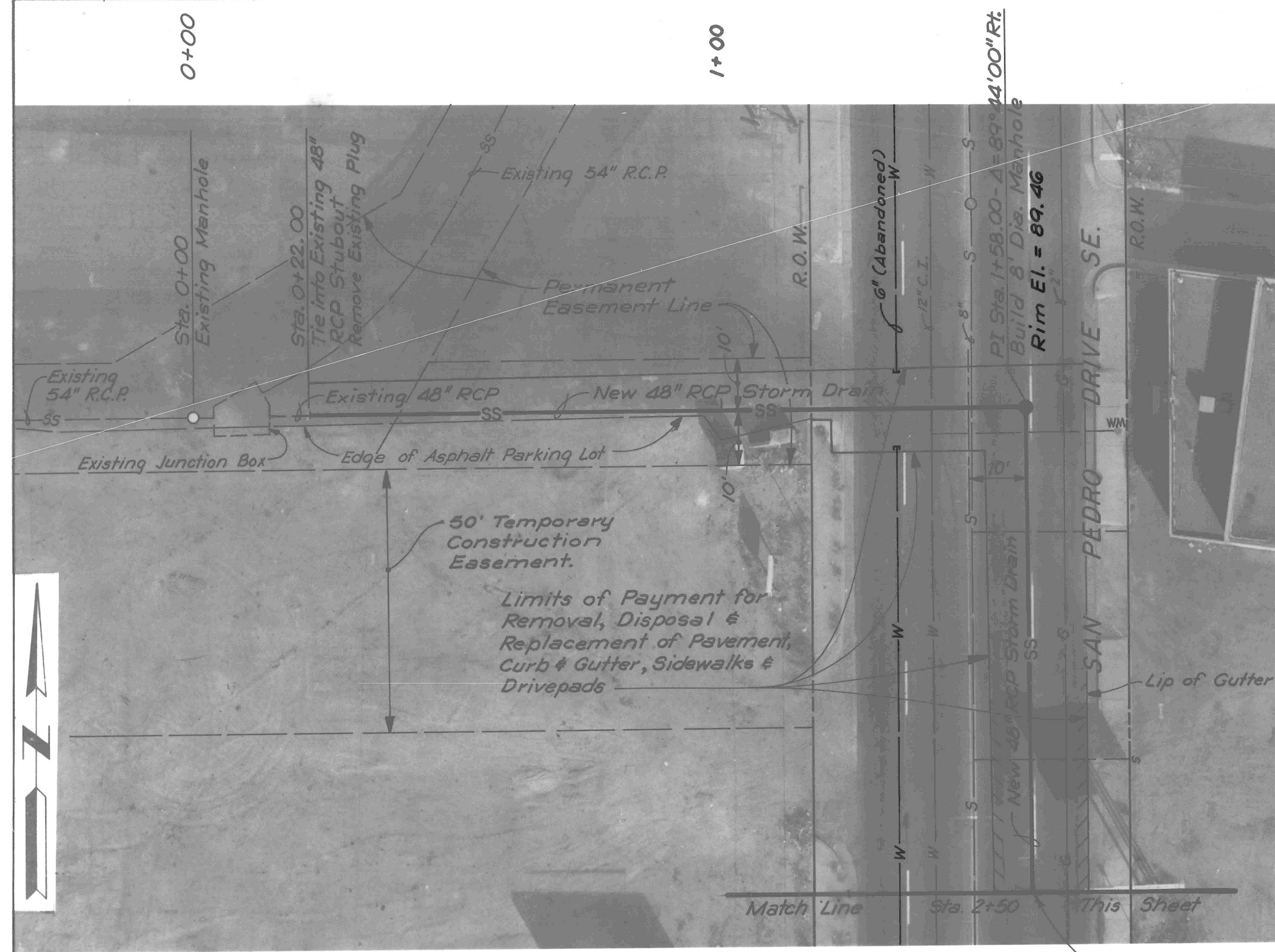
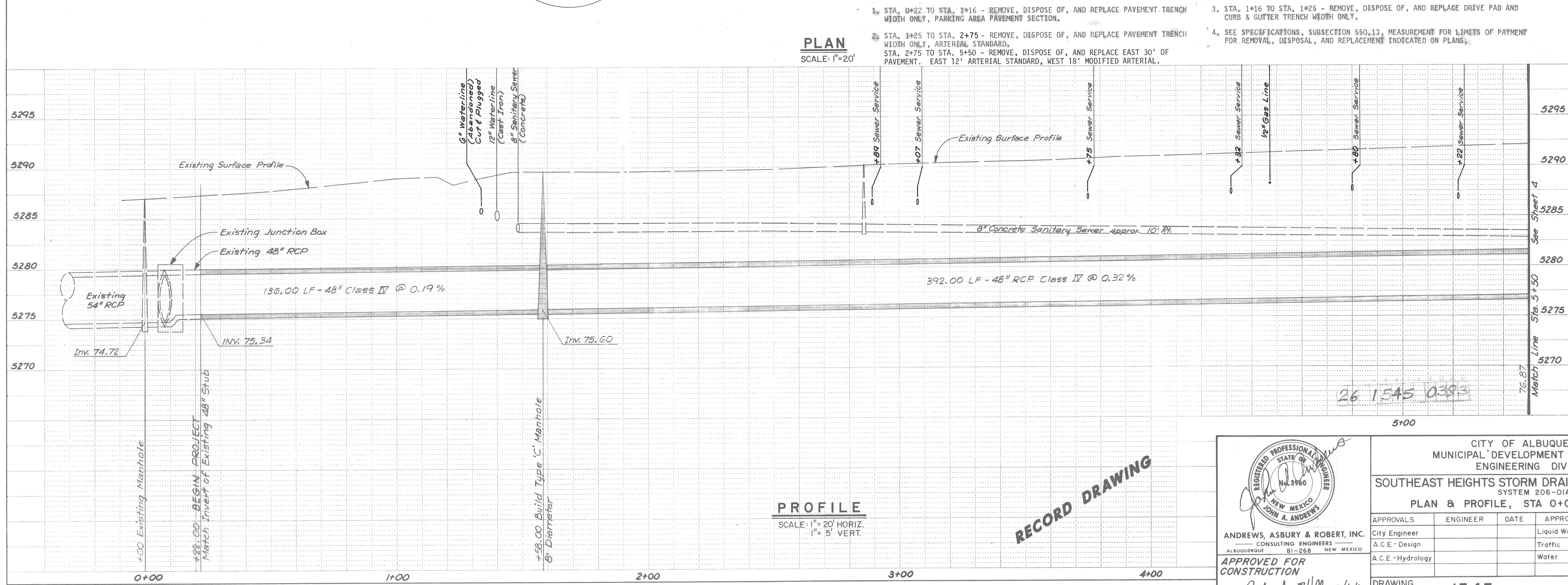


CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION
SOUTHEAST HEIGHTS STORM DRAINAGE IMPROVEMENTS
SYSTEM 206-01A
STORM SEWER PLAN

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

DRAWING NO.	1545	SHEET	2	OF	13
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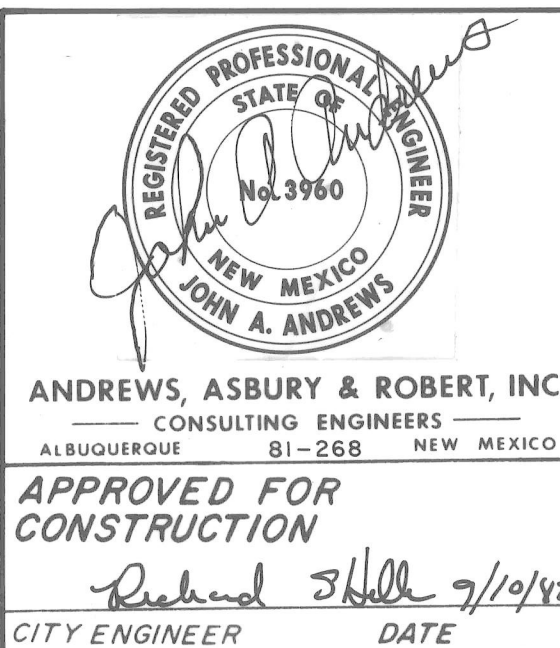
		REFERENCES		SURVEY INFORMATION		BENCH MARKS	AS BUILT INFORMATION
		MAP NO.	K 18 L 18	FIELD	NOTES		
		EST. NO.	W.O. NO.	NO.	BY	DATE	
NO. DATE	REMARKS	BY					
REVISIONS							
DESIGN							
DESIGNED BY	JM	DATE					
DRAWN BY	JV	DATE					
CHECKED BY	JA	DATE					
CONTRACTOR Broce Constr. Co.							
WORKED BY A.A.#R							
INSPECTORS DATE 1-62							
ACCEPTANCE BY 5-27-68							
VERIFICATION BY A.A.#R							
CORRECTED BY DATE 12-68							
MICRO-FILM INFORMATION							
RECORDED BY							
NO.							



NOTES

1. STA. 0+22. TO STA. 1+16 - REMOVE, DISPOSE OF, AND REPLACE PAVEMENT TRENCH WIDTH ONLY, PARKING AREA PAVEMENT SECTION.
2. STA. 1+25 TO STA. 2+75 - REMOVE, DISPOSE OF, AND REPLACE PAVEMENT TRENCH WIDTH ONLY, ARTERIAL STANDARD.
STA. 2+75 TO STA. 5+50 - REMOVE, DISPOSE OF, AND REPLACE EAST 30' OF PAVEMENT. EAST 12' ARTERIAL STANDARD, WEST 18' MODIFIED ARTERIAL.
3. STA. 1+16 TO STA. 1+25 - REMOVE, DISPOSE OF, AND REPLACE DRIVE PAD AND CURB & GUTTER TRENCH WIDTH ONLY.
4. SEE SPECIFICATIONS, SUBSECTION 550.13, MEASUREMENT FOR LIMITS OF PAYMENT FOR REMOVAL, DISPOSAL, AND REPLACEMENT INDICATED ON PLANS.

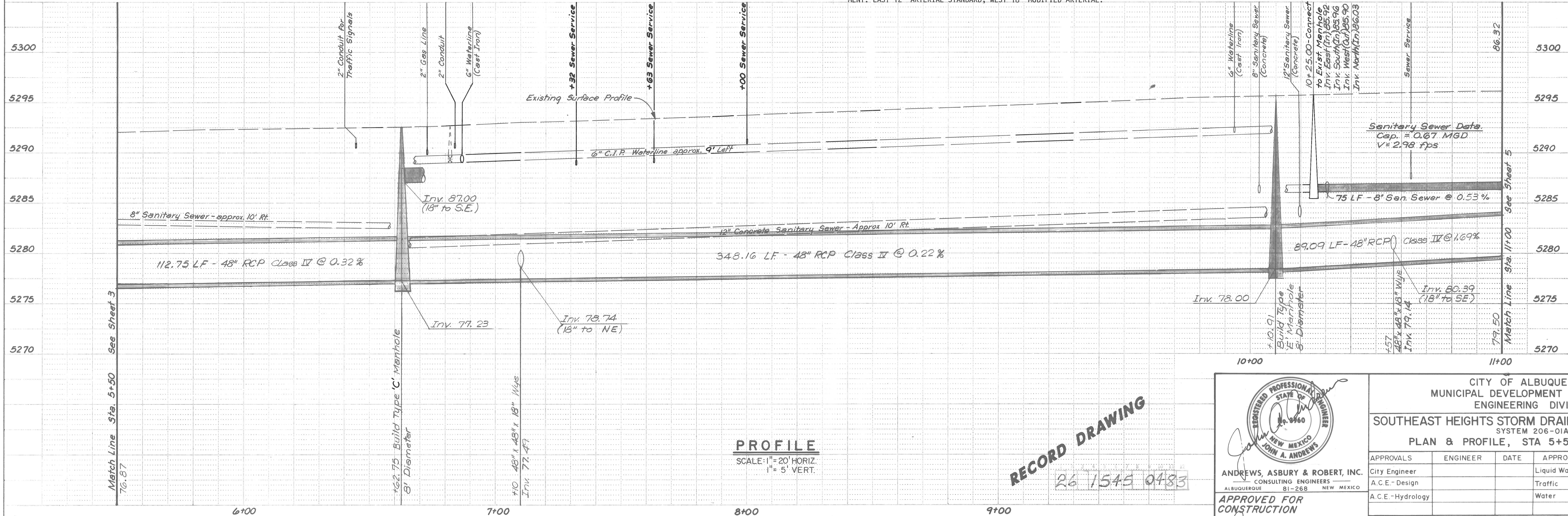
26 1545 0.383



CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION					
SOUTHEAST HEIGHTS STORM DRAINAGE IMPROVEMENTS SYSTEM 206-01A PLAN & PROFILE, STA 0+00 TO STA. 5+50					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Liquid Waste		
A.C.E. - Design			Traffic		
A.C.E. - Hydrology			Water		
DRAWING NO. 1545			SHEET 3 OF 13		

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PHOTOGRAPHY &
VIDEO PRODUCTION BY
KOOGL & POLLS ENGINEERING
12700 COMMERCE HWY., ALBUQUERQUE, N.M. 87110



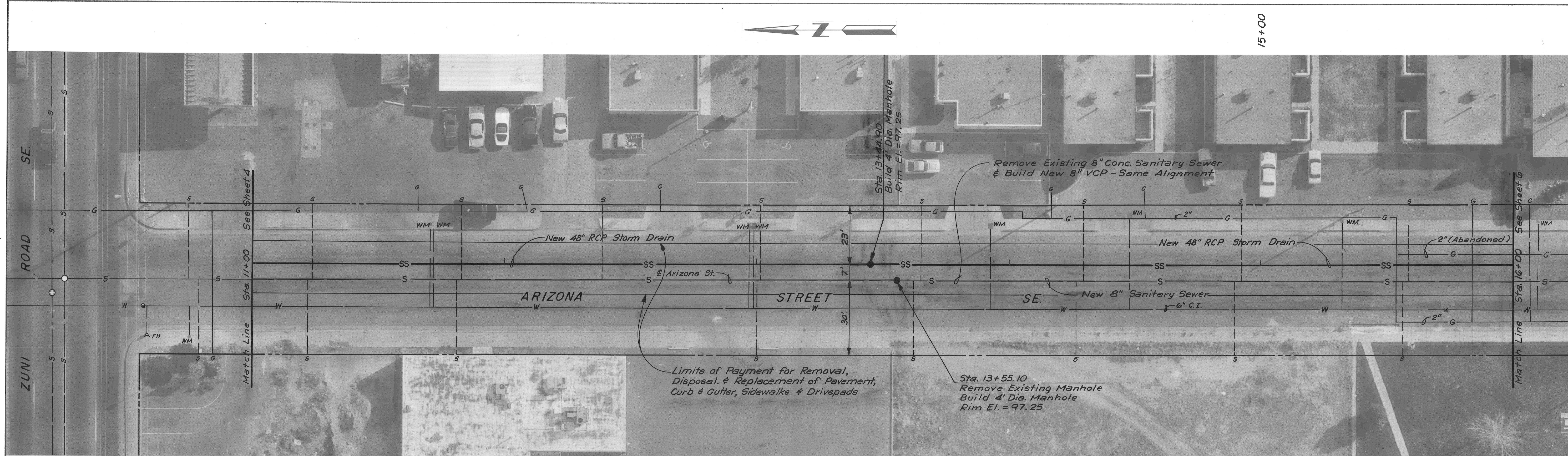
- NOTES**
- STA. 10+25 TO STA. 10+64 - REMOVE, DISPOSE OF, AND REPLACE PAVEMENT TRENCH WIDTH ONLY, ARTERIAL STANDARD.
 - STA. 10+64 TO STA. 11+00 - REMOVE, DISPOSE OF AND REPLACE PAVEMENT TRENCH WIDTH ONLY, RESIDENTIAL STANDARD.
 - STA. 6+30 TO STA. 10+25 - REMOVE, DISPOSE OF AND REPLACE PAVEMENT TRENCH WIDTH ONLY, MODIFIED ARTERIAL.
 - STA. 5+50 TO STA. 6+30 - REMOVE, DISPOSE OF, AND REPLACE EAST 30' OF PAVEMENT. EAST 12' ARTERIAL STANDARD, WEST 18' MODIFIED ARTERIAL.
 - CONTRACTOR SHALL LOCATE AND TRANSFER ALL EXISTING SEWER SERVICE TO SANITARY SEWER BEING CONSTRUCTED IN ARIZONA STREET S.E.
 - PAYMENT FOR PUMPING OF SEWAGE WILL BE PER LUMP SUM.
 - SEE SPECIFICATIONS, SUBSECTION 550.13, MEASUREMENT FOR LIMITS OF PAYMENT FOR REMOVAL, DISPOSAL, AND REPLACEMENT INDICATED ON PLANS.

		CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION SOUTHEAST HEIGHTS STORM DRAINAGE IMPROVEMENTS SYSTEM 206-01A PLAN & PROFILE, STA 5+50 TO STA. 11+00			
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Liquid Waste		
A.C.E.-Design			Traffic		
A.C.E.-Hydrology			Water		
DRAWING NO. 1545		SHEET 4 OF 13			

ANDREWS, ASBURY & ROBERT, INC.
CONSULTING ENGINEERS
ALBUQUERQUE 81-268 NEW MEXICO

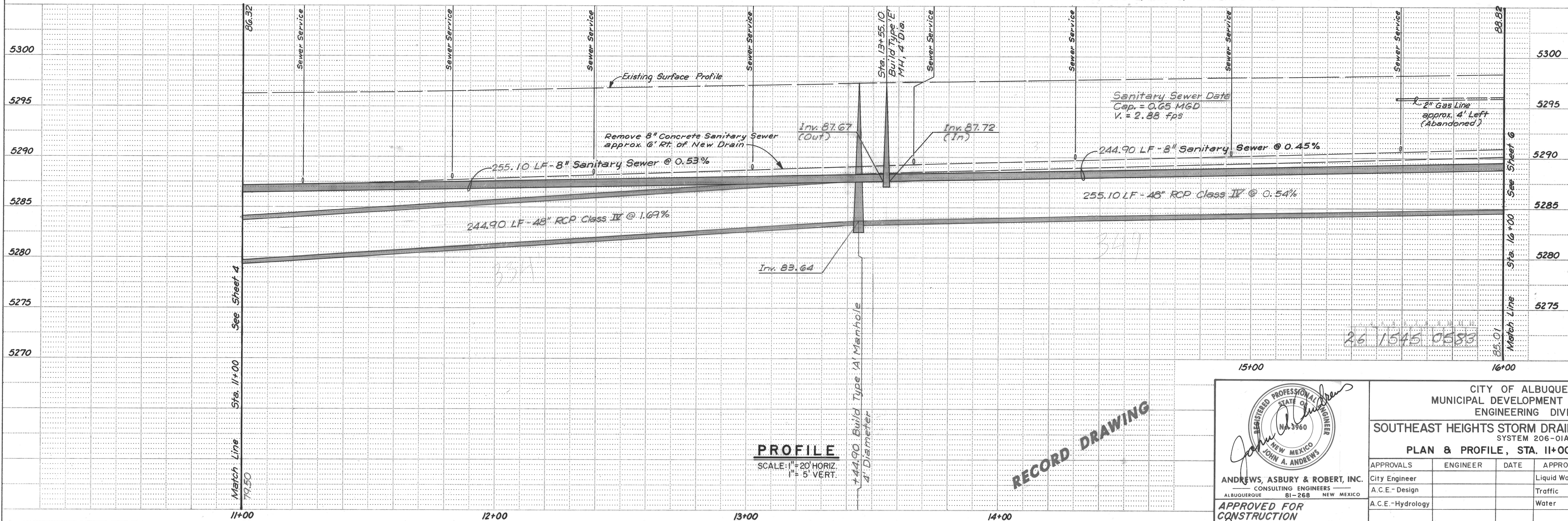
APPROVED FOR CONSTRUCTION
Richard S. Hall 9/10/82
CITY ENGINEER DATE

PHOTOGRAPHY
PHOTO REPRODUCTION BY
KOOGLE & POULS ENGINEERING
ESTER CONVINCE N.E., ALBUQUERQUE, N.M. 87102



PLAN
SCALE: 1"=20'

- NOTES**
- STA. 11+00 TO STA. 16+00 - REMOVE, DISPOSE OF AND REPLACE PAVEMENT TRENCH WIDTH ONLY, RESIDENTIAL STANDARD.
 - CONTRACTOR SHALL LOCATE AND TRANSFER ALL EXISTING SEWER SERVICES TO SANITARY SEWER BEING CONSTRUCTED IN ARIZONA STREET S.E. AS DIRECTED BY ENGINEER.
 - SEE SPECIFICATIONS, SUBSECTION 550.13, MEASUREMENT FOR LIMITS OF PAYMENT FOR REMOVAL, DISPOSAL, AND REPLACEMENT INDICATED ON PLANS.



PROFILE
SCALE: 1"=20' HORIZ.
1"=5' VERT.

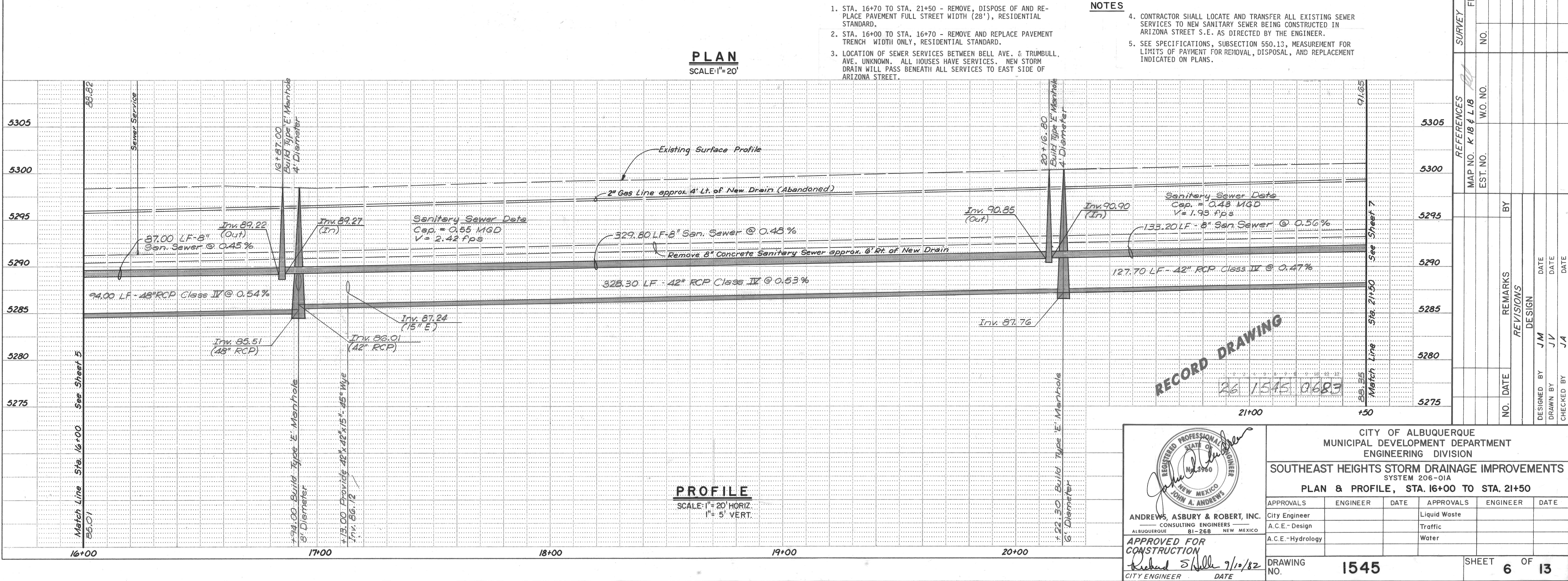
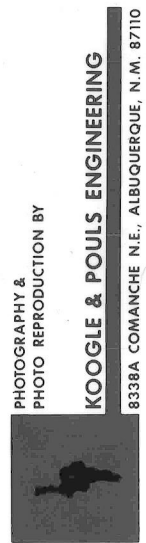
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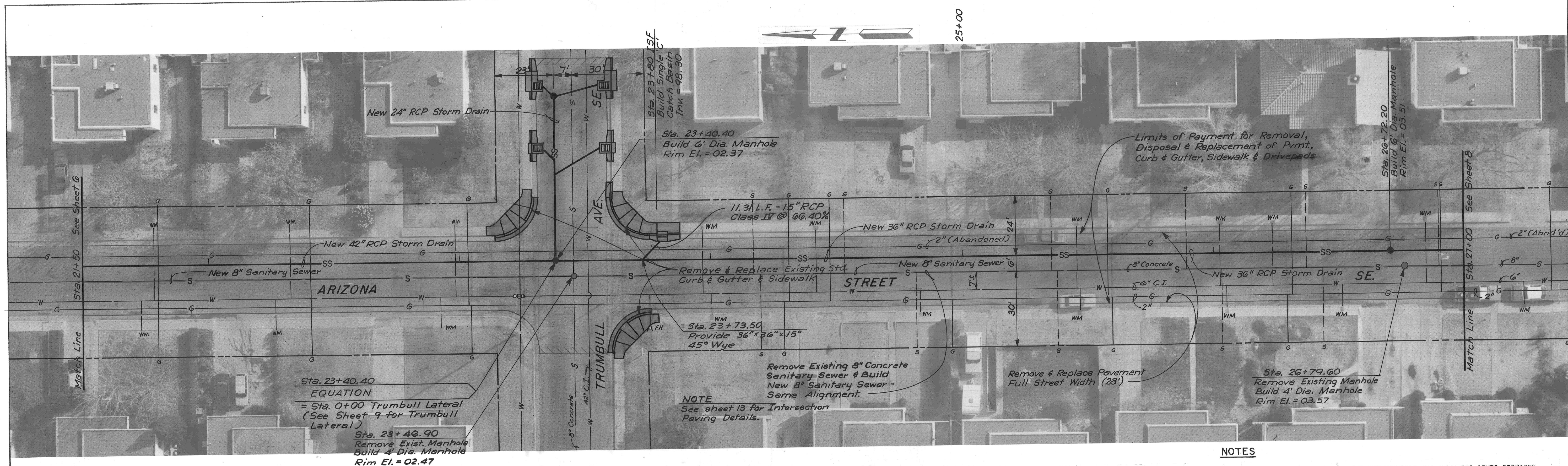
ANDREWS, ASBURY & ROBERT, INC.
REGISTERED PROFESSIONAL ENGINEER
STATE OF NEW MEXICO
ALBUQUERQUE 81-268 NEW MEXICO
CONSULTING ENGINEERS
APPROVED FOR CONSTRUCTION
CITY ENGINEER DATE 9/12/62

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION
SOUTHEAST HEIGHTS STORM DRAINAGE IMPROVEMENTS
SYSTEM 206-01A
PLAN & PROFILE, STA. 11+00 TO STA. 16+00

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

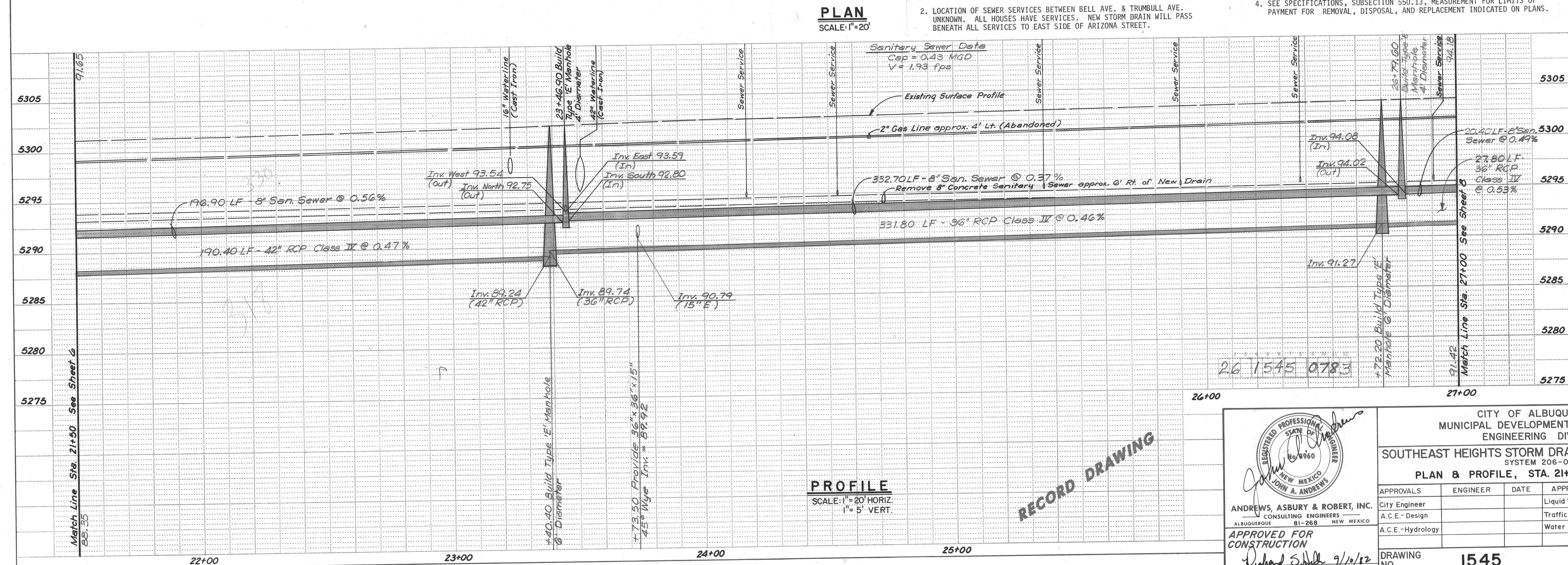
DRAWING NO. **1545** SHEET **5** OF **13**





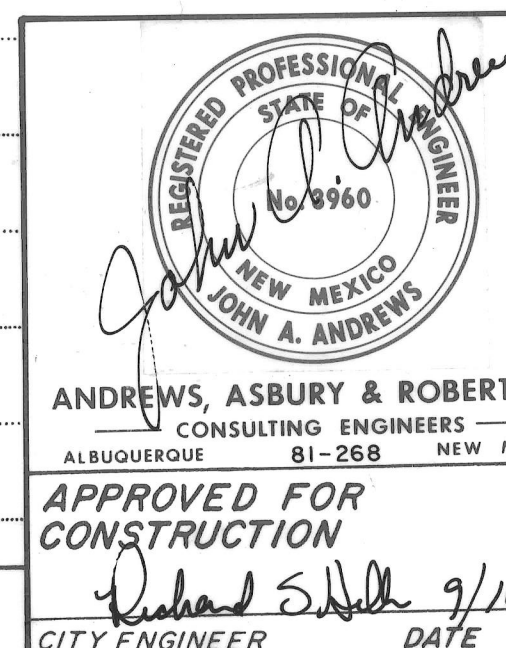
NOTES

1. STA. 21+50 TO STA. 27+00 - REMOVE, DISPOSE OF AND REPLACE PAVEMENT FULL STREET WIDTH (28'). RESIDENTIAL STANDARD
2. LOCATION OF SEWER SERVICES BETWEEN BELL AVE. & TRUMBULL AVE. UNKNOWN. ALL HOUSES HAVE SERVICES. NEW STORM DRAIN WILL PASS BENEATH ALL SERVICES TO EAST SIDE OF ARIZONA STREET.
3. CONTRACTOR SHALL LOCATE AND TRANSFER ALL EXISTING SEWER SERVICES TO SANITARY SEWER BEING REPLACED IN ARIZONA STREET S.E. AS DIRECTED BY THE ENGINEER.
4. SEE SPECIFICATIONS, SUBSECTION 550.13, MEASUREMENT FOR LIMITS OF PAYMENT FOR REMOVAL, DISPOSAL, AND REPLACEMENT INDICATED ON PLANS.

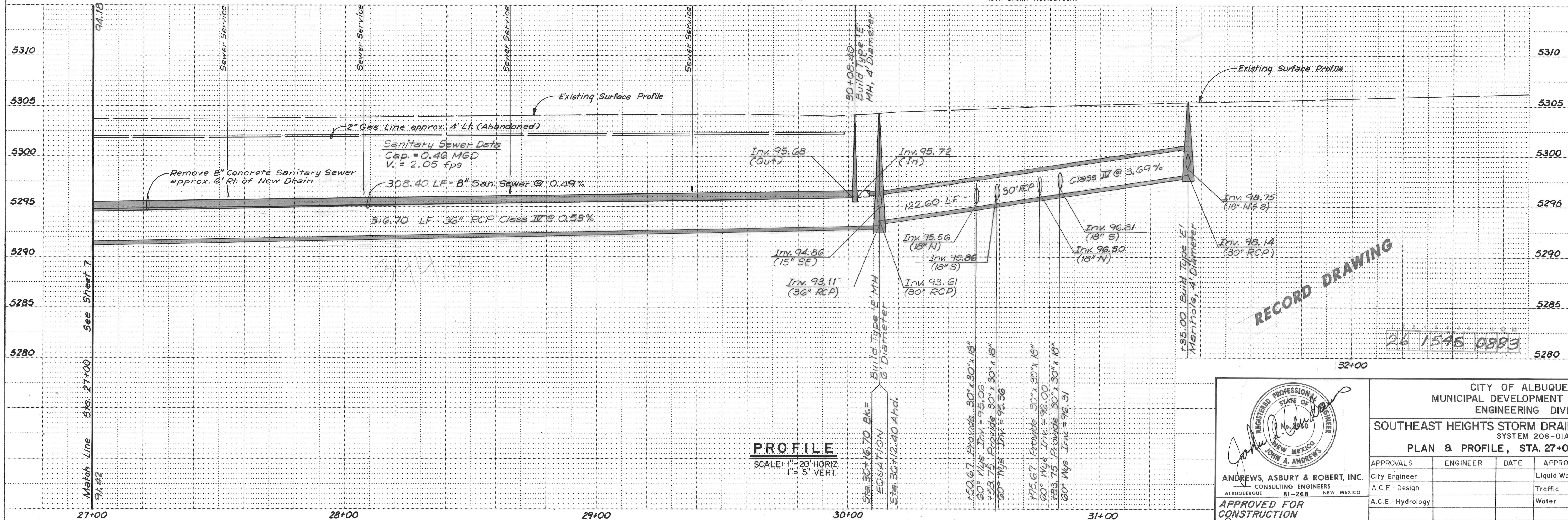


PROFILE
SCALE: 1" = 20' HORIZ
1" = 5' VERT

RECORD DRAWING



CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION					
SOUTHEAST HEIGHTS STORM DRAINAGE IMPROVEMENTS SYSTEM 206-01A					
PLAN & PROFILE, STA. 21+50 TO STA. 27+00					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Liquid Waste		
A.C.E.- Design			Traffic		
A.C.E.-Hydrology			Water		
DRAWING NO. 1545			SHEET 7 OF 13		



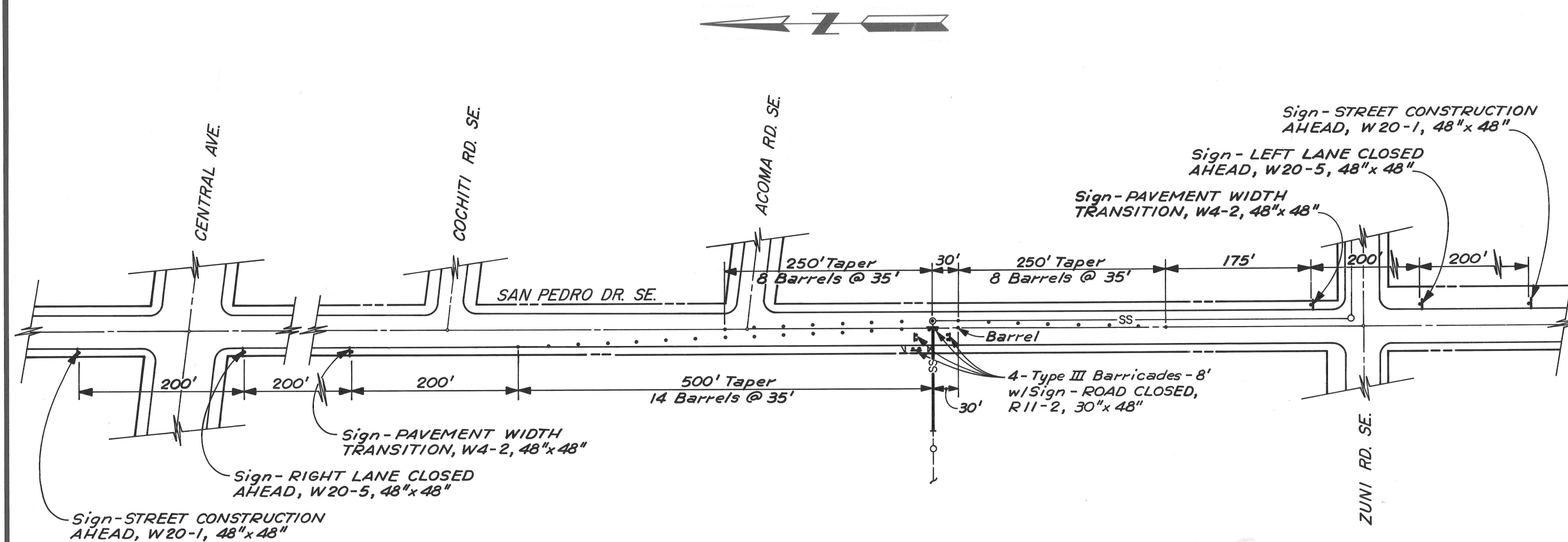
1. STA. 27+00 TO STA. 31+52 - FULL STREET WIDTH (28'), REMOVE, DISPOSE OF AND REPLACE PAVEMENT, RESIDENTIAL STANDARD
2. FROM SOUTH CURB RETURN OF SOUTHERN AVENUE, 50 FT. SOUTH ON ARIZONA STREET - REMOVE AND REPLACE PAVEMENT FULL STREET WIDTH (28') RESIDENTIAL STANDARD WITH CROWN TRANSITION.

3. CONTRACTOR SHALL LOCATE AND TRANSFER ALL EXISTING SEWER SERVICE TO SANITARY SEWER BEING CONSTRUCTED IN ARIZONA STREET S.E. AS DIRECTED BY THE ENGINEER.
4. SEE SPECIFICATIONS, SUBSECTION 550.13, MEASUREMENT FOR LIMITS OF PAYMENT FOR REMOVAL, DISPOSAL AND REPLACEMENT INDICATED ON PLANS.

		REFERENCES		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
		MAP NO.	K18 & L18	W.O. NO.	FIELD NOTES			CONTRACTOR Broce Constr. Co.	
		EST. NO.			NO.	BY	DATE	WORK STAKED BY A.A. & R. 11-82	
NO.	DATE	REMARKS		BY			INSPECTOR'S DATE 5-27-83		
		REVISIONS				FIELD RANGE BY DATE 5-27-83		VERIFICATION BY A.A. & R. DATE 5-27-83	
		DESIGN				CORRECTED BY A.A. & R. DATE 8-83		MICRO-FILM INFORMATION	
DESIGNED BY	JM	DATE					RECORDED BY		DATE
DRAWN BY	JV	DATE					NO.		
CHECKED BY	JA	DATE							
							ACS Sta 5-K18, Elevation: 5290.17		
							TBM - Chiseled ☒ on top of curb @		
							PC. of SE. curb return of Arizona St./		
							Southern Ave. intersection, Elev.:5305.06		

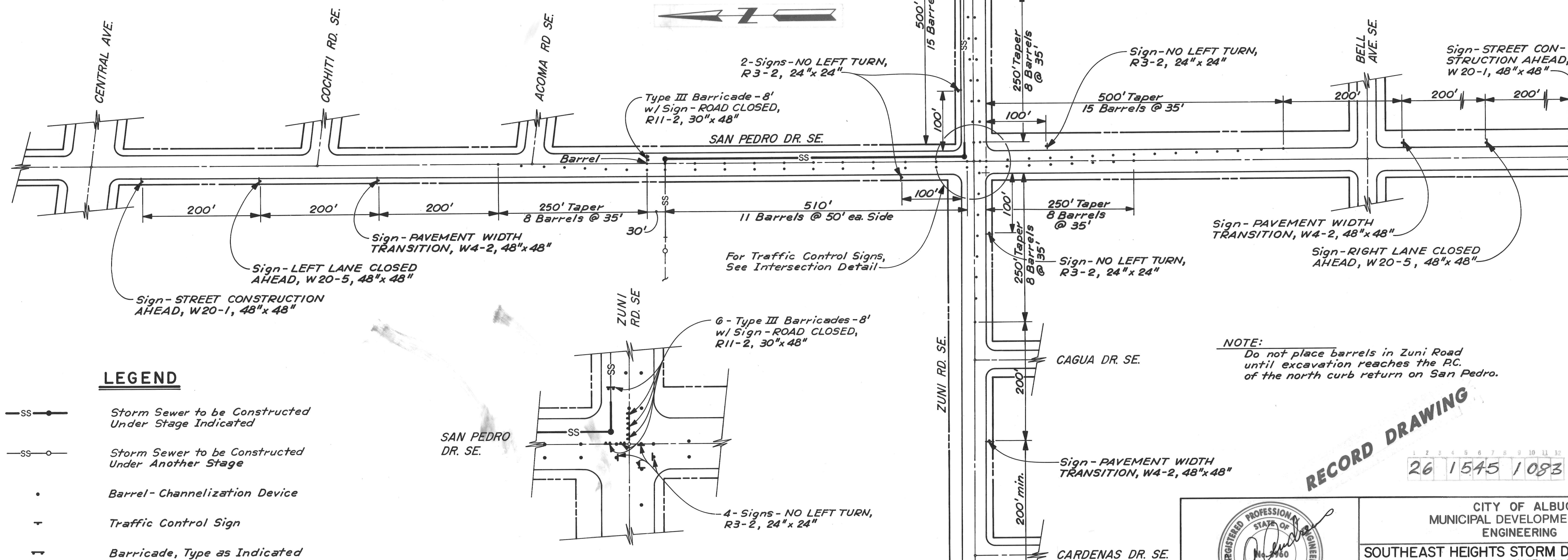

ANDREWS, ASBURY & ROBERT, INC.
CONSULTING ENGINEERS
ALBUQUERQUE 81-268 NEW MEXICO
APPROVED FOR
CONSTRUCTION
Richard S. Hall 9/10/82
CITY ENGINEER DATE

CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION					
SOUTHEAST HEIGHTS STORM DRAINAGE IMPROVEMENTS SYSTEM 000-01A					
PLAN & PROFILE, STA. 27+00 TO STA. 31+30					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Liquid Waste		
A.C.E.- Design			Traffic		
A.C.E.-Hydrology			Water		
DRAWING NO. 1545			SHEET 8 OF 13		



STAGE I CONSTRUCTION

SCALE: 1" = 100'



LEGEND

- | | |
|---|--|
|  | <i>Storm Sewer to be Constructed Under Stage Indicated</i> |
|  | <i>Storm Sewer to be Constructed Under Another Stage</i> |
|  | <i>Barrel-Channelization Device</i> |
|  | <i>Traffic Control Sign</i> |
|  | <i>Barricade, Type as Indicated</i> |

INTERSECTION DETAIL

SCALE: 1" = 50'

STAGE II CONSTRUCTION

SCALE: 1" = 100'

GENERAL NOTES FOR TRAFFIC CONTROL

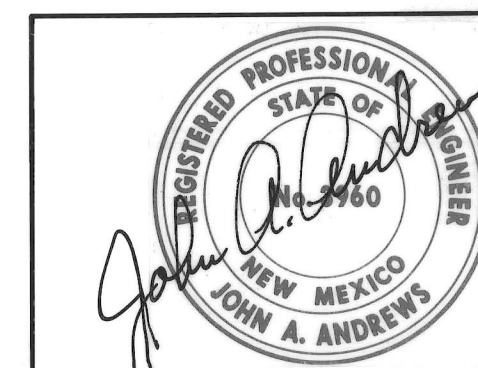
1. ALL TRAFFIC CONTROL DEVICES SHALL COMPLY WITH CHAPTER VI OF THE 1978 EDITION "MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES".
2. THE CONTRACTOR SHALL PREPARE AND SUBMIT TO THE PROJECT ENGINEER A DETAILED DETOUR PLAN, WHICH IS SUBJECT TO THE APPROVAL OF THE CITY TRAFFIC ENGINEER, 3 WORKING DAYS IN ADVANCE OF ANY REQUIRED LANE CLOSURES OTHER THAN THOSE SHOWN ON THESE PLANS.
3. ALL SIGNS MUST BE INSTALLED BEFORE CONSTRUCTION BEGINS AS DIRECTED BY THE ENGINEER. THE BOTTOM OF CONSTRUCTION WARNING SIGNS SHALL BE 7-FEET ABOVE THE SIDEWALK LEVEL.
4. ALL SIGNS, BARRICADES AND/OR BARRELS WILL BE REFLECTORIZED. ALL BARRELS MAY HAVE SAND OR WATER BALLAST LIMITED TO 100 LBS.
5. ALL SIGN LOCATIONS WILL BE SELECTED IN THE FIELD AND APPROVED BY THE PROJECT ENGINEER. DISTANCES MAY BE ADJUSTED FOR LOCAL CONDITIONS.
6. ALL SIGNS WILL BE GROUND MOUNTED ON SINGLE OR DOUBLE POSTS. EXISTING POSTS MAY BE USED AT SOME LOCATIONS, WITH THE APPROVAL OF THE PROJECT ENGINEER. PORTABLE SIGNS SUPPORTS WILL BE ACCEPTABLE AS AN ALTERNATE, PROVIDED THAT THEY DO NOT UNDULY OBSTRUCT THE SIDEWALK.
7. ALL SIGNS WILL BE MOVED FORWARD AS THE CONSTRUCTION PROGRESSES.
8. THE CONTRACTOR SHALL MAINTAIN ACCESS TO BUSINESS AND RESIDENCES ADJACENT TO THE CONSTRUCTION AREA.
9. WHEN BARRIERS ARE REQUIRED AFTER DARK, ALL ADVANCE WARNING SIGNS AND ALL BARRICADES SHALL BE EQUIPPED WITH FLASHING WARNING LIGHTS (TYPE A), EXCEPT THAT ALL CHANNELIZING BARRICADES SHALL HAVE STEADY BURNING WARNING LIGHTS (TYPE C).
10. ALL EXISTING REGULATORY SIGNS THAT NEED TO BE REMOVED, RELOCATED OR RE-INSTALLED SHALL BE DONE BY THE CITY OF ALBUQUERQUE TRAFFIC ENGINEERING DIVISION. THE CONTRACTOR SHALL NOTIFY THE TRAFFIC ENGINEERING DIVISION 3 WORKING DAYS IN ADVANCE OF ANY REQUIRED WORK.
11. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN A SAFE AND ADEQUATE MEANS OF CHANNELING PEDESTRIAN TRAFFIC AROUND ALL WORK AREAS THROUGHOUT THE PERIOD OF CONSTRUCTION. ALL SUCH CHANNELIZATION SHALL BE ARRANGED TO PREVENT PEDESTRIANS FROM HAVING TO ENTER THE ROADWAY IN ORDER TO PASS AROUND THE WORK AREAS.
12. ALL CONSTRUCTION SIGNING SHALL BE BLACK ON A REFLECTORIZED ORANGE FIELD. UNLESS OTHERWISE SPECIFIED, ALL CONSTRUCTION BARRICADES AND CHANNELIZATION DEVICES SHALL BE ORANGE ON WHITE, REFLECTORIZED, UNLESS OTHERWISE SPECIFIED.
13. TWO WAY TRAFFIC MUST BE MAINTAINED ON BOTH SAN PEDRO AND ZUNI AT ALL TIMES.
14. DO NOT MIX CHANNELIZATION BARRELS WITH TYPE II BARRICADES.

NOTE:
Do not place barrels in Zuni Road
until excavation reaches the P.C.
of the north curb return on San Pedro.

RECORD DRAWING

1	2	3	4	5
2	6	1	5	

26	1545	1083
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ANDREWS, ASBURY & ROBERT, INC.
— CONSULTING ENGINEERS —
ALBUQUERQUE 81-268 NEW MEXICO

**APPROVED FOR
CONSTRUCTION**

Richard S. Bell 7/10/82

CITY ENGINEER DATE

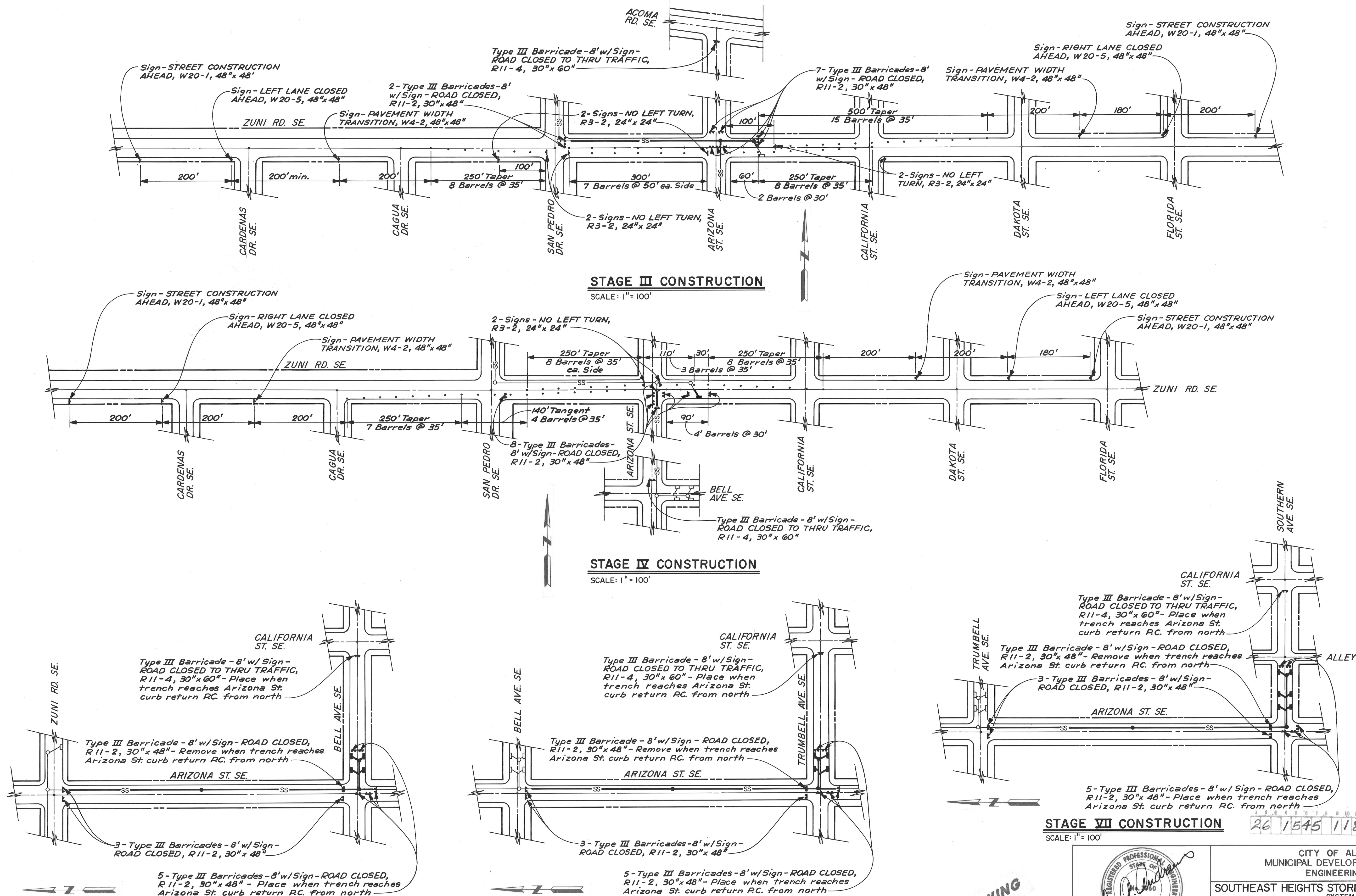
CITY OF ALBUQUERQUE											
MUNICIPAL DEVELOPMENT DEPARTMENT											
ENGINEERING DIVISION											
SOUTHEAST HEIGHTS STORM DRAINAGE IMPROVEMENTS											
SYSTEM 206-01A											
TRAFFIC CONTROL PLAN											

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

✓	DRAWING NO.	1545
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SHEET 10 OF 13

				REFERENCES		SURVEY INFORMATION			BENCH MARKS		AS BUILT INFORMATION		
MAP NO.		K 18 & L 18		W.O. NO.		FIELD NOTES				CONTRACTOR		Broce Constr. Co.	
EST. NO.						NO.		BY		STARTED BY		A.A. & R	
										INSPECTED BY		5-27-85	
										ACCEPTANCE BY		DATE 5-27-85	
										VERIFICATION BY		A.A. & R	
										DATE		5-27-85	
										CORRECTED BY		A.A. & R	
										DATE		5-27-85	
										MICRO-FILM INFORMATION			
										RECORDED BY		DATE	
										NO			



RECORD DRAWING



ANDREWS, ASBURY & ROBERT, INC.
 — CONSULTING ENGINEERS —
 ALBUQUERQUE 81-268 NEW MEXICO

APPROVED FOR CONSTRUCTION
Richard S. Hall 9/19/82
 CITY ENGINEER DATE

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

SOUTHEAST HEIGHTS STORM DRAINAGE IMPROVEMENTS
 SYSTEM 206-01A

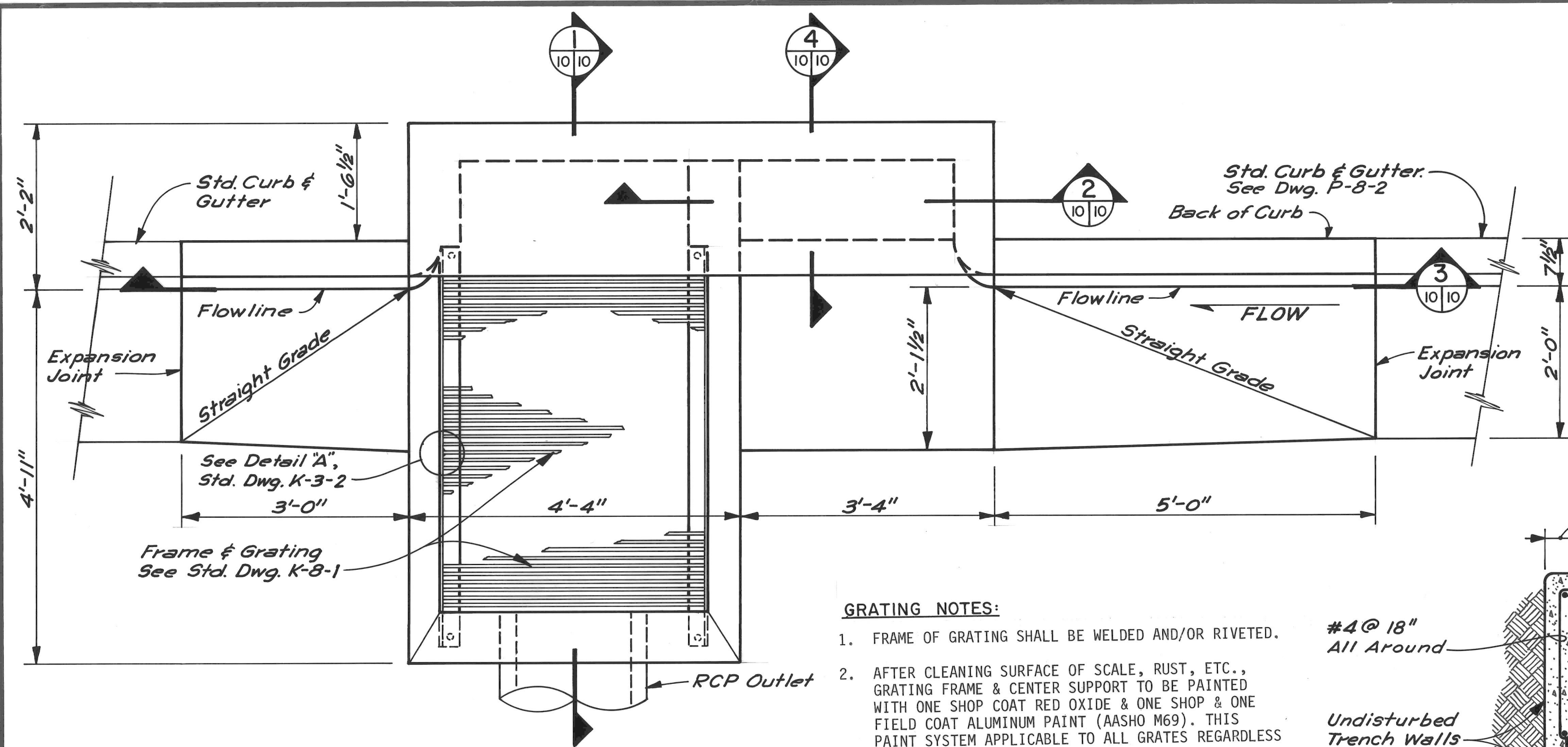
TRAFFIC CONTROL PLAN

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

DRAWING NO.

1545

SHEET 11 **OF** 13

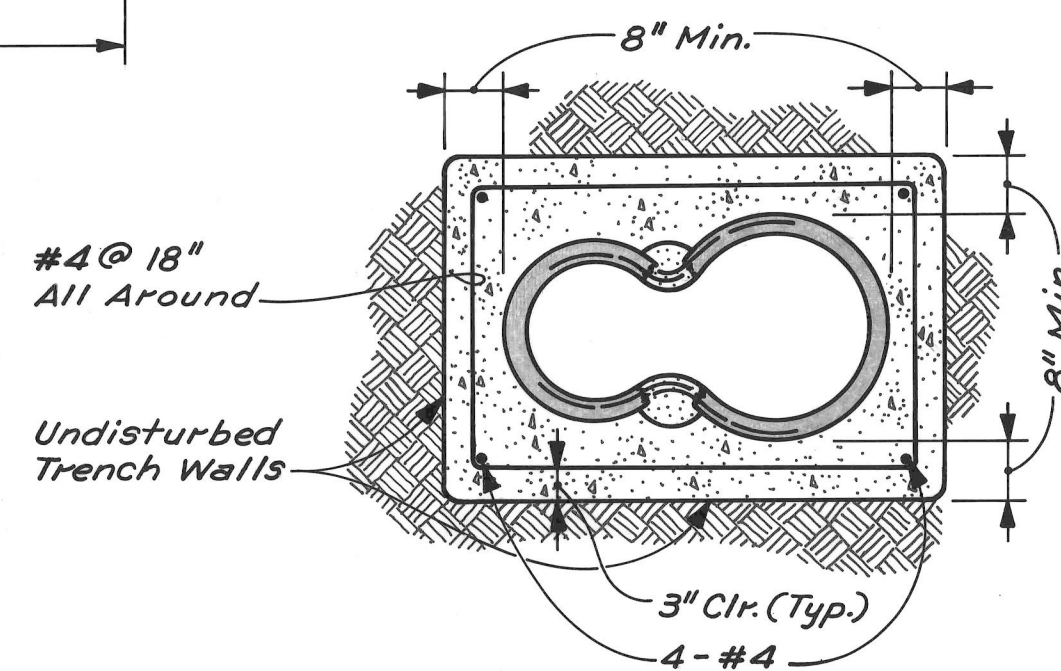


CATCH BASIN - TYPE AB

SCALE: $3/4" = 1'-0"$

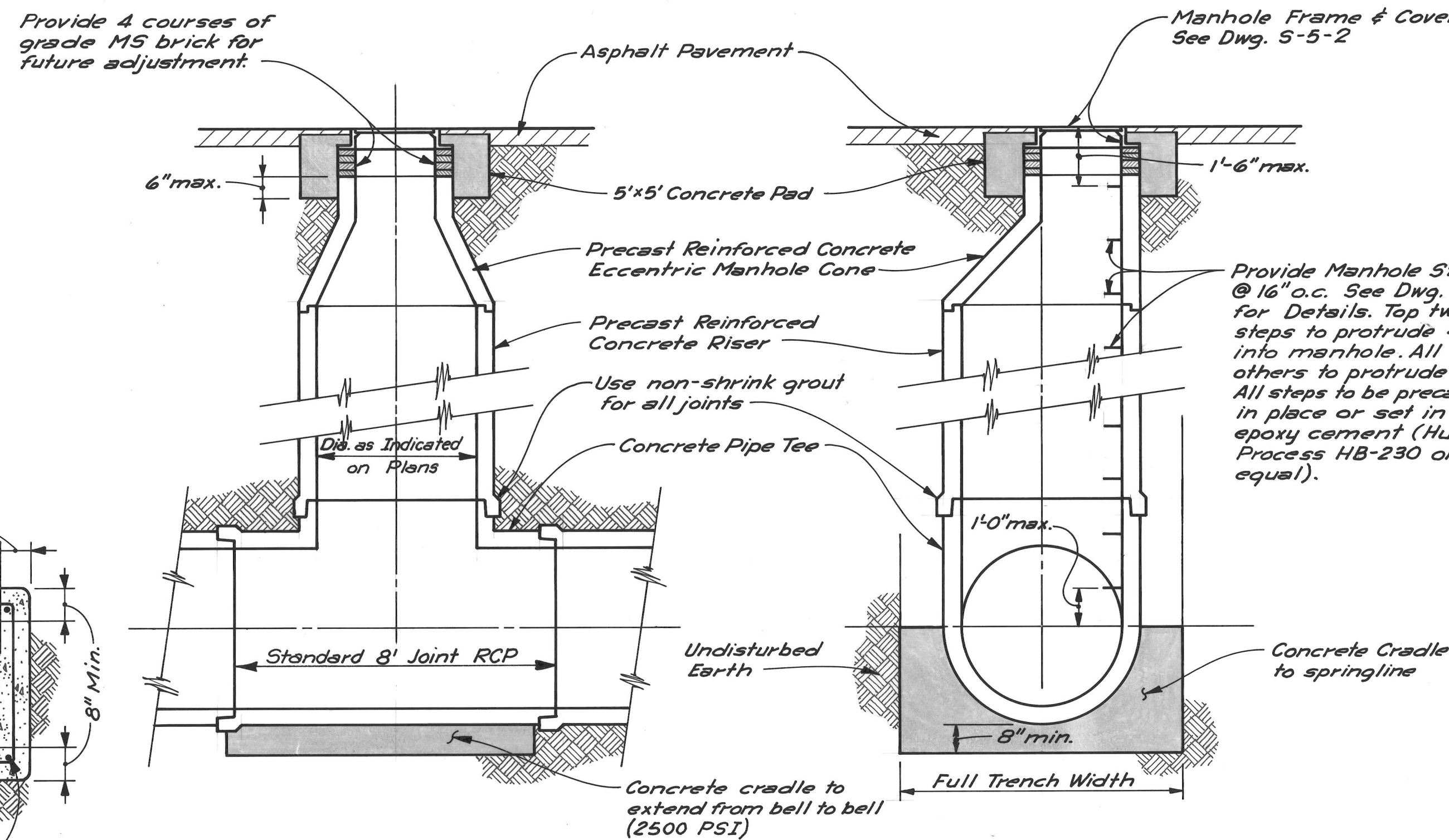
GRATING NOTES:

1. FRAME OF GRATING SHALL BE WELDED AND/OR RIVETED.
2. AFTER CLEANING SURFACE OF SCALE, RUST, ETC., GRATING FRAME & CENTER SUPPORT TO BE PAINTED WITH ONE SHOP COAT RED OXIDE & ONE SHOP & ONE FIELD COAT ALUMINUM PAINT (AASHO M69). THIS PAINT SYSTEM APPLICABLE TO ALL GRATES REGARDLESS OF CATCH BASIN TYPE.



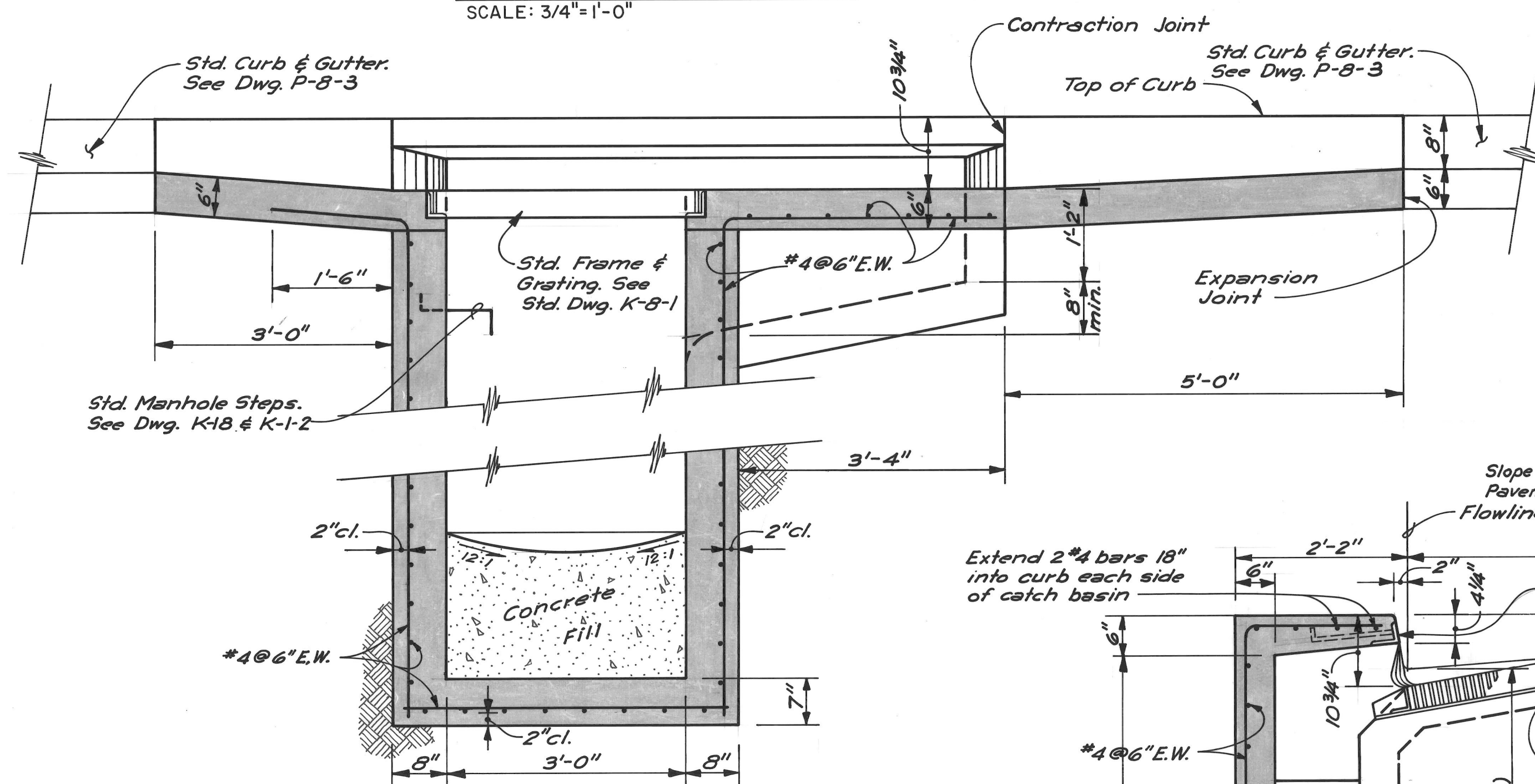
SECTION 5

NO SCALE



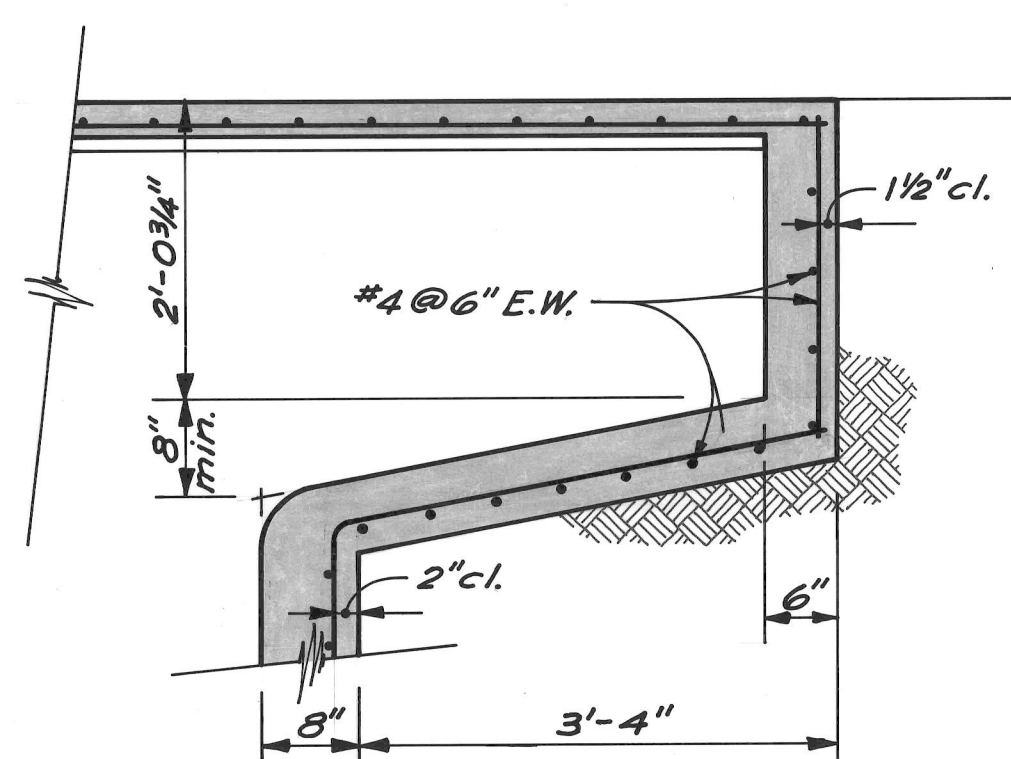
TYPE A MANHOLE

NO SCALE



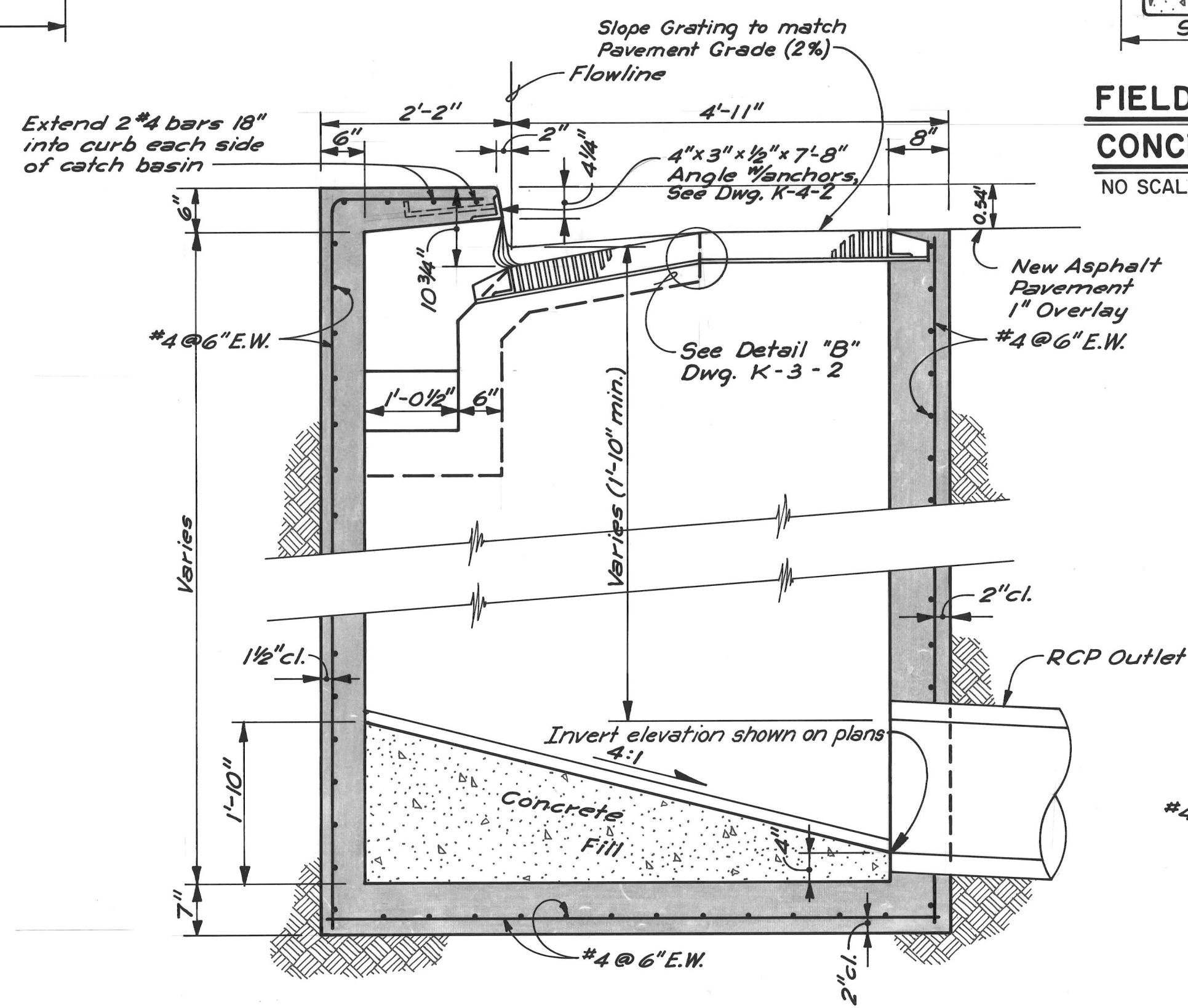
SECTION 3

SCALE: 3/4"=1'-0"



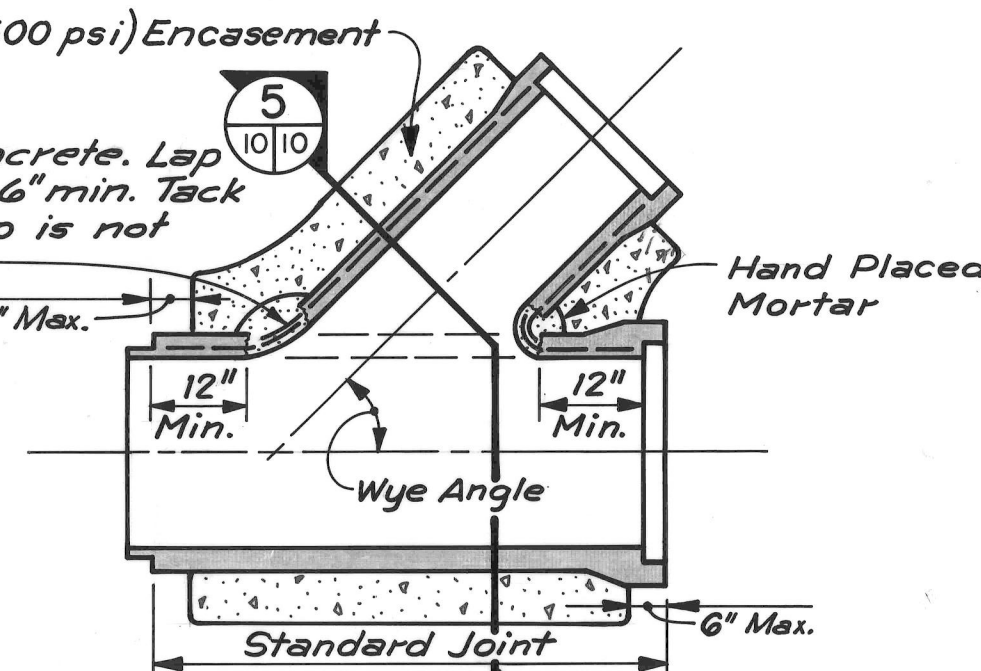
SECTION 2

SCALE: 3/4" = 1' - 0"



SECTION

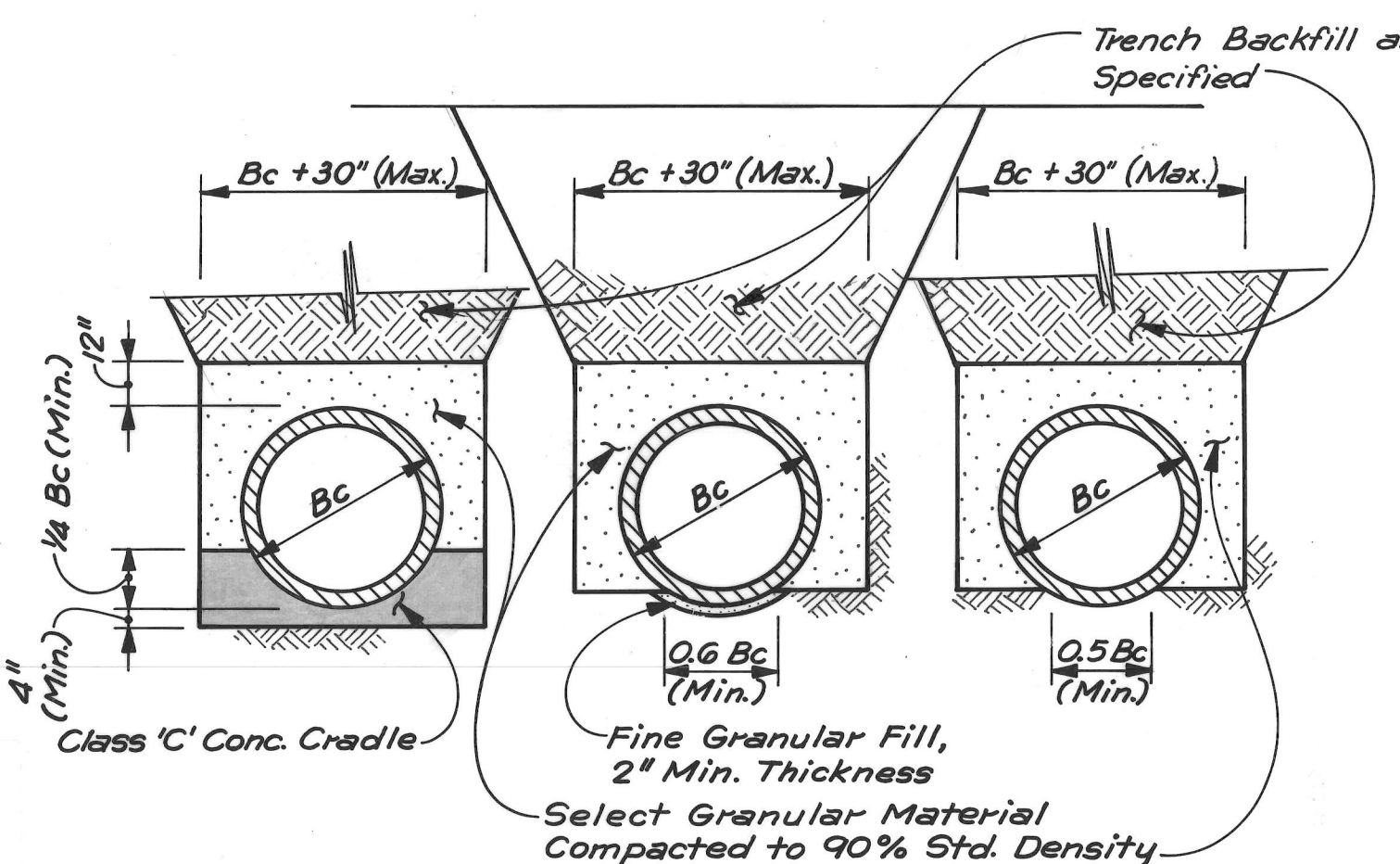
SCALE: 3/4" = 1'-0"



**FIELD CONSTRUCTED
CONCRETE PIPE WYE**

NO SCALE

- NOTES:
1. PROVIDE 8" CONCRETE ENCASEMENT AROUND ENTIRE WYE TO WITHIN 6" OF JOINTS.
 2. WYE ANGLE SHOWN ON PLANS IS HORIZONTAL ONLY. CONTRACTOR SHALL ADD REQUIRED ANGLE FOR VERTICAL DEFLECTION IF ANY.



CLASS 'A'
BEDDING

CLASS 'B'
BEDDING

CLASS 'C'
BEDDING

PIPE TRENCHING & BEDDING DETAILS

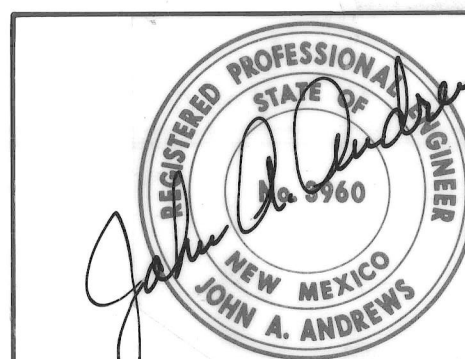
NO SCALE

PIPE TRENCHING & BEDDING NOTES

1. CLASS "C" BEDDING SHALL BE UTILIZED EXCEPT WHERE OTHERWISE INDICATED BELOW
2. WHERE TRENCH WIDTH EXCEEDS $B_c + 30"$, MEASURED 12" ABOVE THE TOP OF THE PIPE, THE CONTRACTOR SHALL FURNISH THE NEXT HIGHER CLASS OF BEDDING AT NO ADDITIONAL COMPENSATION.

RECORD DRAWING

26	1	5	4	5	1	2	8
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ANDREWS, ASBURY & ROBERT, INC.
CONSULTING ENGINEERS
ALBUQUERQUE 81-268 NEW MEXICO

**APPROVED FOR
CONSTRUCTION**

Richard S. Hall 9/10/82

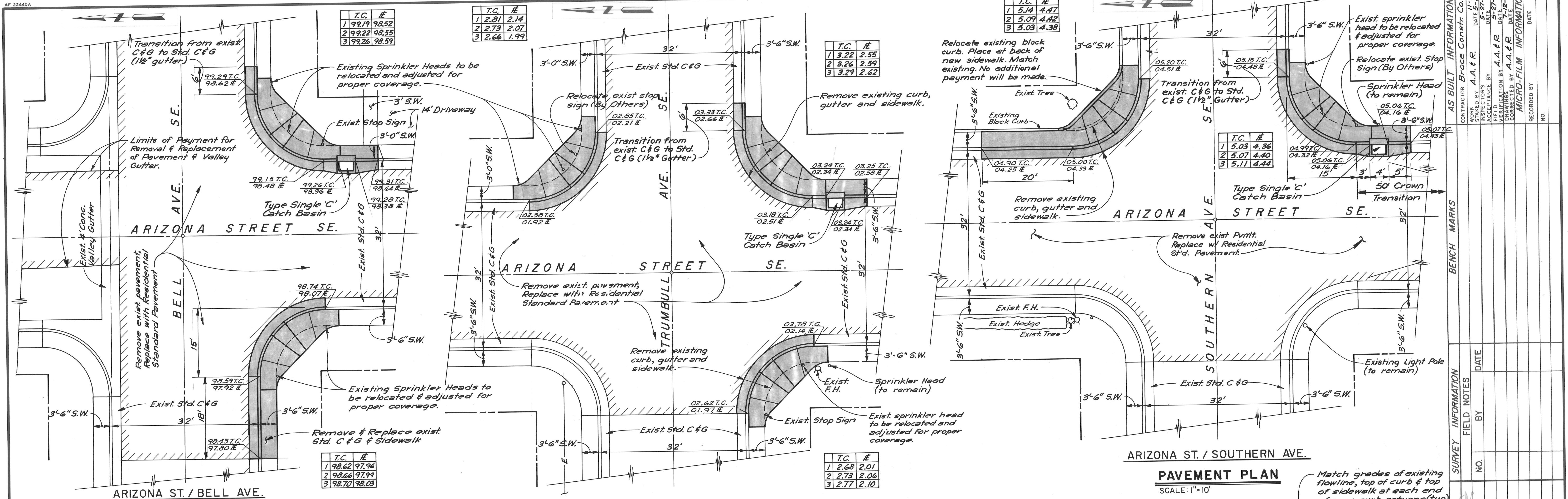
CITY ENGINEER DATE

CITY OF ALBUQUERQUE
MUNICIPAL DEVELOPMENT DEPARTMENT
ENGINEERING DIVISION

SOUTHEAST HEIGHTS STORM DRAINAGE IMPROVEMENTS
SYSTEM 206-01A
STORM DRAINAGE DETAILS

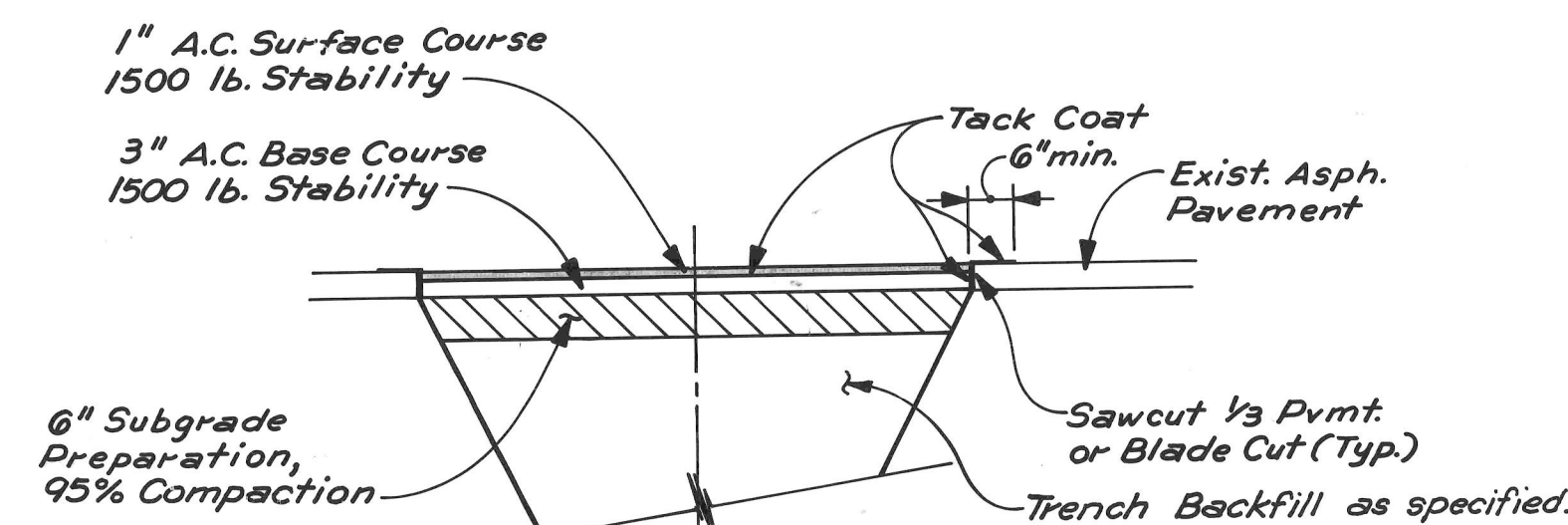
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Liquid Waste		
A.C.E.- Design			Traffic		
A.C.E.-Hydrology			Water		

DRAWING NO.	1545	SHEET 12 OF 13
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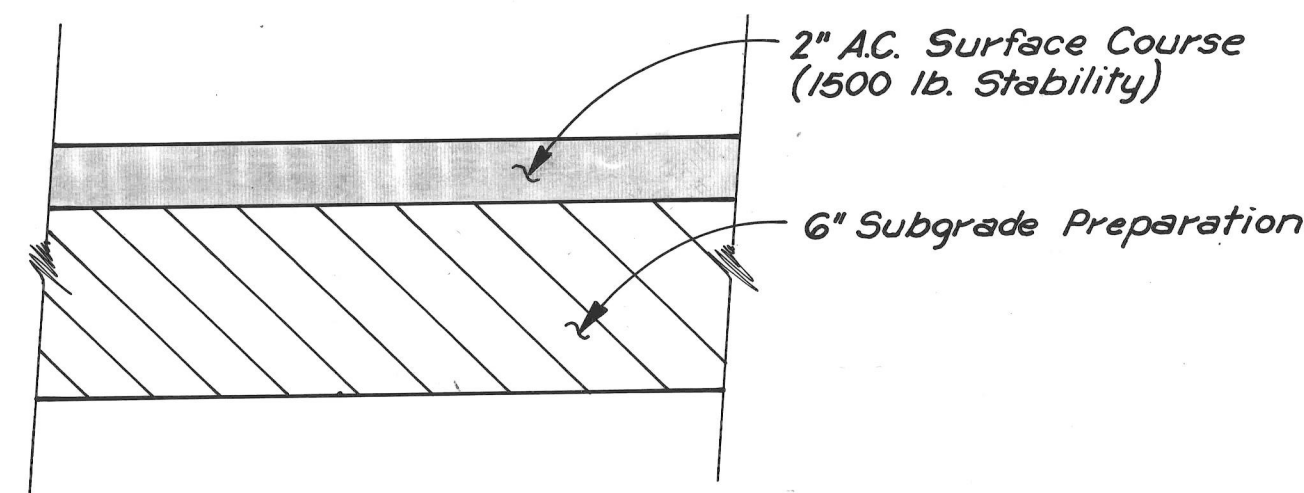


NOTES

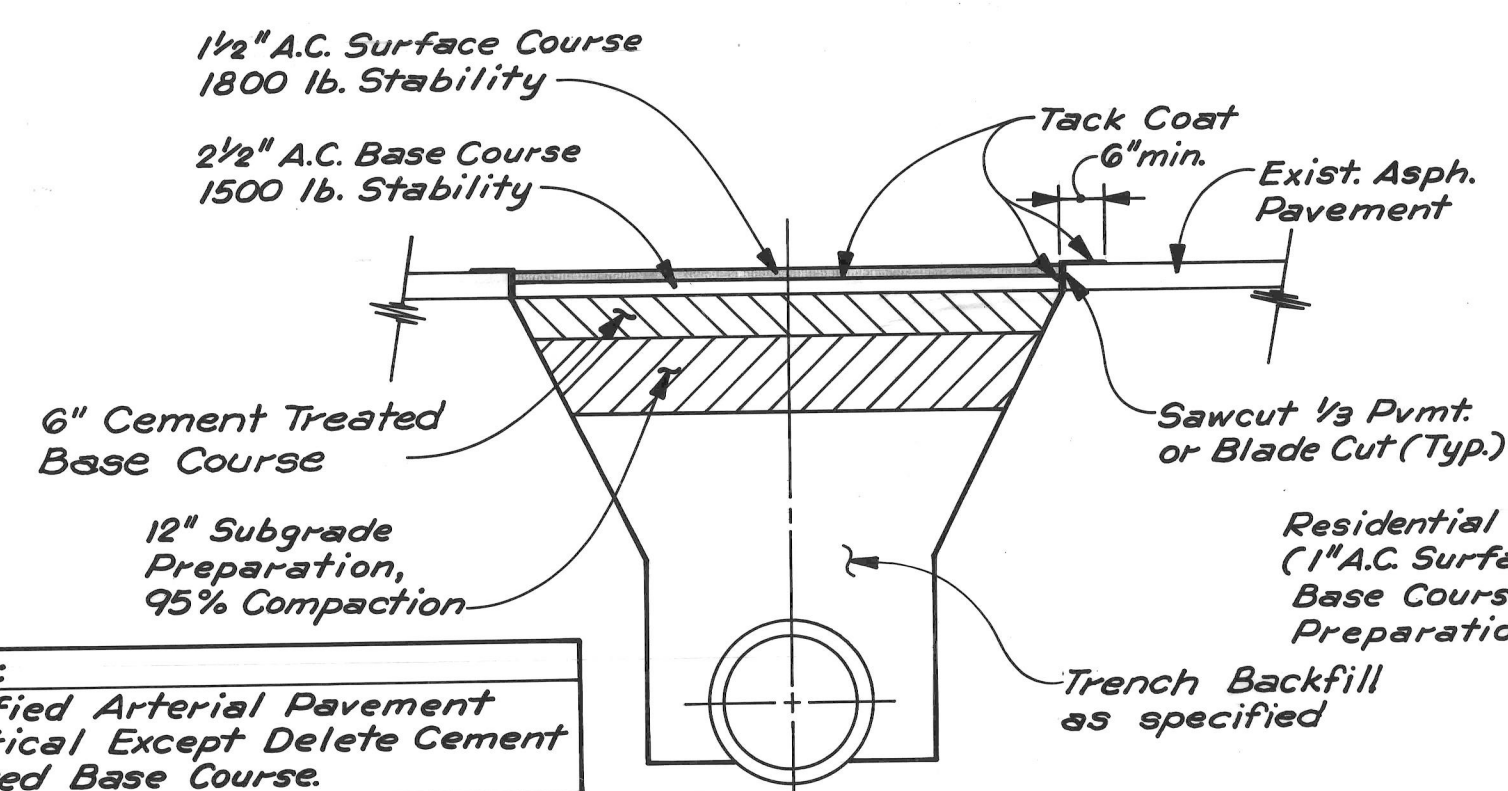
1. RELOCATE ALL EXISTING SPRINKLER LINES SUCH THAT THEY WILL NOT BE LOCATED UNDER NEW SIDEWALK WHERE PLANS CALL FOR RELOCATING EXISTING SPRINKLER HEAD. ADJUSTMENT FOR PROPER COVERAGE MAY REQUIRE REZONEING. RELOCATION OF SPRINKLER HEADS WILL BE MEASURED FOR PAYMENT PER EACH INCLUDING LINES.
2. PAYMENT FOR NEW CONCRETE SIDEWALK WILL INCLUDE PAYMENT FOR REMOVING ALL EXISTING SIDEWALK REQUIRED.
3. PAYMENT FOR NEW CONCRETE VALLEY GUTTER WILL INCLUDE PAYMENT FOR REMOVAL OF EXISTING STANDARD CURB & GUTTER.
4. CONTRACTOR SHALL NOT DISTURB OR DAMAGE ANY EXISTING TREES WITHOUT APPROVAL OF ENGINEER. ESTABLISHED LAWNS SHALL BE PROTECTED. RESED DAMAGED AREAS WITH SAME TYPE OF GRASS AS THAT WHICH WAS DAMAGED. NO ADDITIONAL COMPENSATION WILL BE MADE FOR RESEEDING DAMAGED LAWNS.



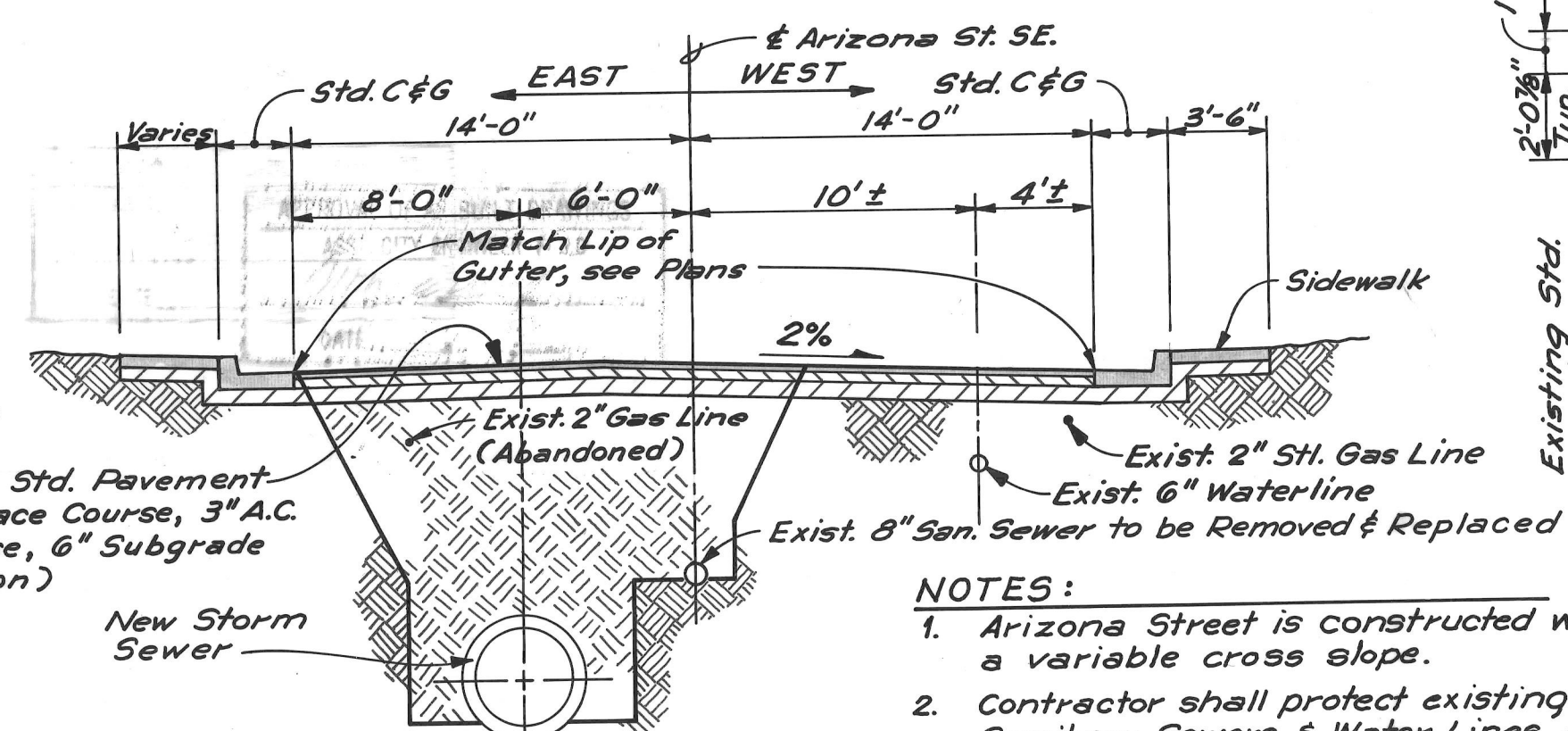
TYPICAL RESIDENTIAL PAVEMENT REMOVAL & REPLACEMENT SECTION



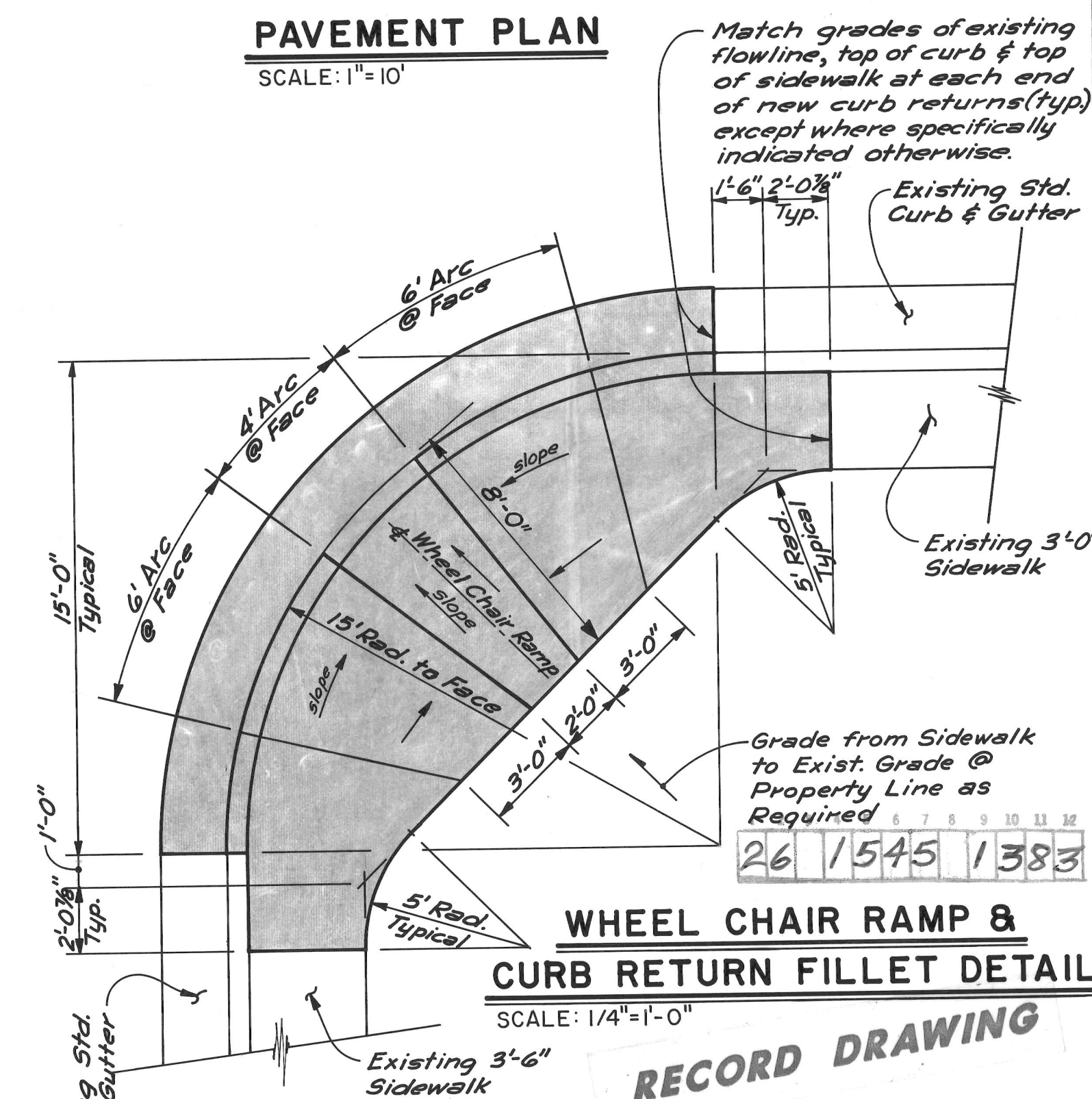
PARKING AREA PAVEMENT SECTION



TYPICAL ARTERIAL PAVEMENT REMOVAL & REPLACEMENT SECTION



TYPICAL STREET SECTION
ARIZONA STREET SE.
BELL AVE. to SOUTHERN AVE.



WHEEL CHAIR RAMP &
RB RETURN FILLET DETAIL

4"=1'-0"

RECORD DRAWING



 ANDREWS, ASBURY & ROBERT, INC.
 CONSULTING ENGINEERS
 ALBUQUERQUE 81-268 NEW MEXICO

APPROVED FOR
 CONSTRUCTION
 Richard S. Lora
 CITY ENGINEER

9/10/82
 DATE

CITY OF ALBUQUERQUE MUNICIPAL DEVELOPMENT DEPARTMENT ENGINEERING DIVISION					
SOUTHEAST HEIGHTS STORM DRAINAGE IMPROVEMENTS SYSTEM 206-01A PAVEMENT DETAILS					
APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
City Engineer			Liquid Waste		
A.C.E. - Design			Traffic		
A.C.E. - Hydrology			Water		
DRAWING NO. 1545			SHEET 13 OF 13		