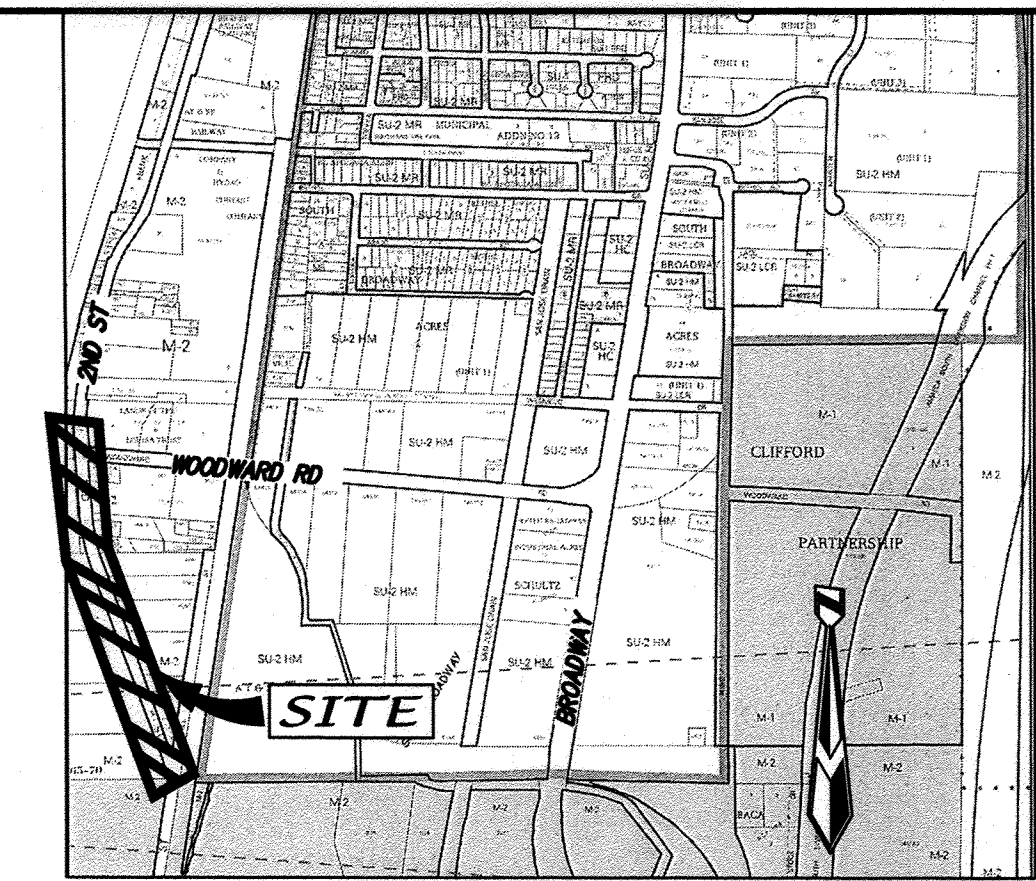


CONSTRUCTION PLANS FOR ANIMAL CONTROL FACILITY 2ND STREET SAS IMPROVEMENTS ALBUQUERQUE, NEW MEXICO

APPROVED AS RECORD DRAWINGS
DESIGN REVIEW SECTION
CITY CONSTRUCTION ENGINEER
DATE: 1/12/2015



VICINITY MAP ZONE ATLAS M-14-Z
GENERAL NOTES SCALE: NONE

- NOTICE TO CONTRACTORS
- AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN THE CITY RIGHT-OF-WAY.
 - 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 AS REVISED THROUGH UPDATE 8, AMENDMENT #1.
 - TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (280-1990) 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 IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
 - SEVEN (7) WORKING DAYS PRIOR TO BEGINNING OF CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADE PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION COORDINATION ENGINEER (924-3400) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
 - ALL WORK AFFECTING ARTERIAL ROADWAYS REQUIRES TWENTY-FOUR HOUR CONSTRUCTION.
 - ALL STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKING BY CONTRACTOR TO THE SAME LOCATION AS WAS 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 CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE CITY SURVEYOR 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.
 - CONTRACTOR SHALL RECORD DATA ON ALL UTILITY LINES AND ACCESSORIES AS REQUIRED BY THE CITY OF ALBUQUERQUE FOR THE PREPARATION OF "AS CONSTRUCTED" DRAWINGS. CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAVE BEEN RECORDED.
 - CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY GRAFFITI FROM ALL EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
 - THE CONTRACTOR SHALL COORDINATE WITH THE WATER AUTHORITY SEVEN (7) DAYS IN ADVANCE OF PERFORMING WORK THAT WILL AFFECT THE PUBLIC WATER OR SANITARY SEWER INFRASTRUCTURE. WORK REQUIRING SHUTOFF OF WELL COLLECTORS, TRANSMISSION LINES, OR FACILITIES DESIGNATED AS MASTER PLAN FACILITIES MUST BE COORDINATED WITH THE WATER AUTHORITY 14 DAYS IN ADVANCE OF PERFORMING SUCH WORK. ONLY WATER AUTHORITY CREWS ARE AUTHORIZED TO OPERATE PUBLIC VALVES. SHUTOFF REQUESTS MUST BE MADE ONLINE AT http://www.abcwua.org/Water_Shut_off_and_Turn_on_Procedures.aspx
 - RCP SHALL BE INSTALLED SO THAT THE JOINT GAP AT THE HOME POSITION SHALL CONFORM TO THE APPROVED MANUFACTURER'S RECOMMENDATIONS. MANUFACTURER'S RECOMMENDED JOINT GAP TOLERANCES FOR EACH PIPE SIZE AND TYPE SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO PLACEMENT OF PIPE. RCP JOINTS SHALL NOT BE GROUTED UNLESS DIRECTED BY THE ENGINEER AFTER CITY APPROVAL.
 - ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.
 - ELECTRONIC MARKER DEVICE (EMD) WILL BE PLACED ACCORDING TO SECTION 170 OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH UPDATE AMENDMENT #1.
 - PRIVATE STREETS REQUIRE STREET NAME SIGNS, STOP SIGNS, AND ANY NECESSARY STRIPING (DEVELOPER'S RESPONSIBILITY).
 - CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR ANY DAMAGE TO EXISTING PAVEMENT, PAVEMENT MARKINGS, CURB & GUTTER, SIGNAGE, HANDICAP RAMPS AND SIDEWALK DURING CONSTRUCTION PART FROM THOSE SECTIONS INDICATED FOR REMOVAL ON THE PLANS AND SHALL REPAIR OR REPLACE, PER CITY OF ALBUQUERQUE STANDARDS, AT HIS OWN EXPENSE.

INDEX TO DRAWINGS

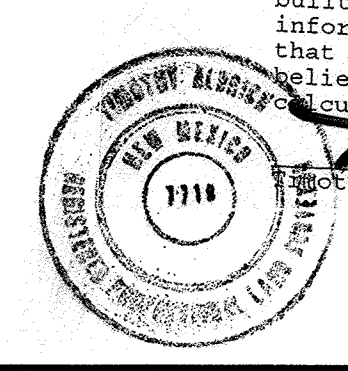
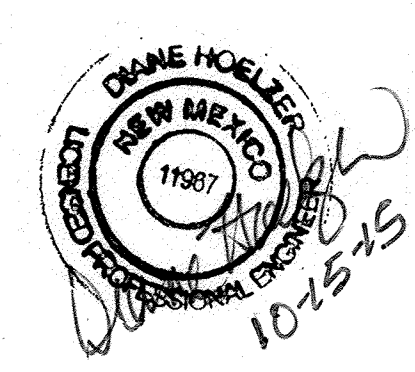
SHEET NO.	SHEET NO.
1	TITLE SHEET
2	UTILITY PLAN & PROFILE
3	UTILITY PLAN & PROFILE
4 R	UTILITY PLAN & PROFILE
5	UTILITY PLAN & PROFILE
6	UTILITY PLAN & PROFILE

RECORD DRAWING CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Diane Hoelzer, NMPE 11967, of the firm Mark Goodwin & Associates, P.A., 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 and 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, and survey information provided by Timothy Aldrich NMPS number 7719.

Diane Hoelzer NMPE 11967

This set of drawings is accepted for RECORD purposes by _____ on _____, 2015.



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 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

10/15/2015

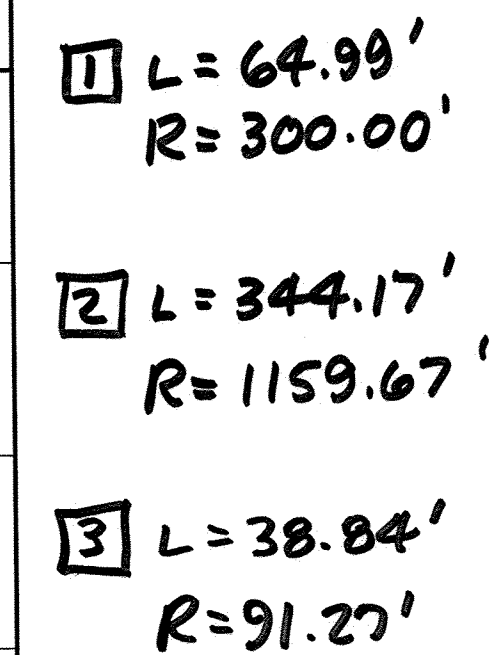
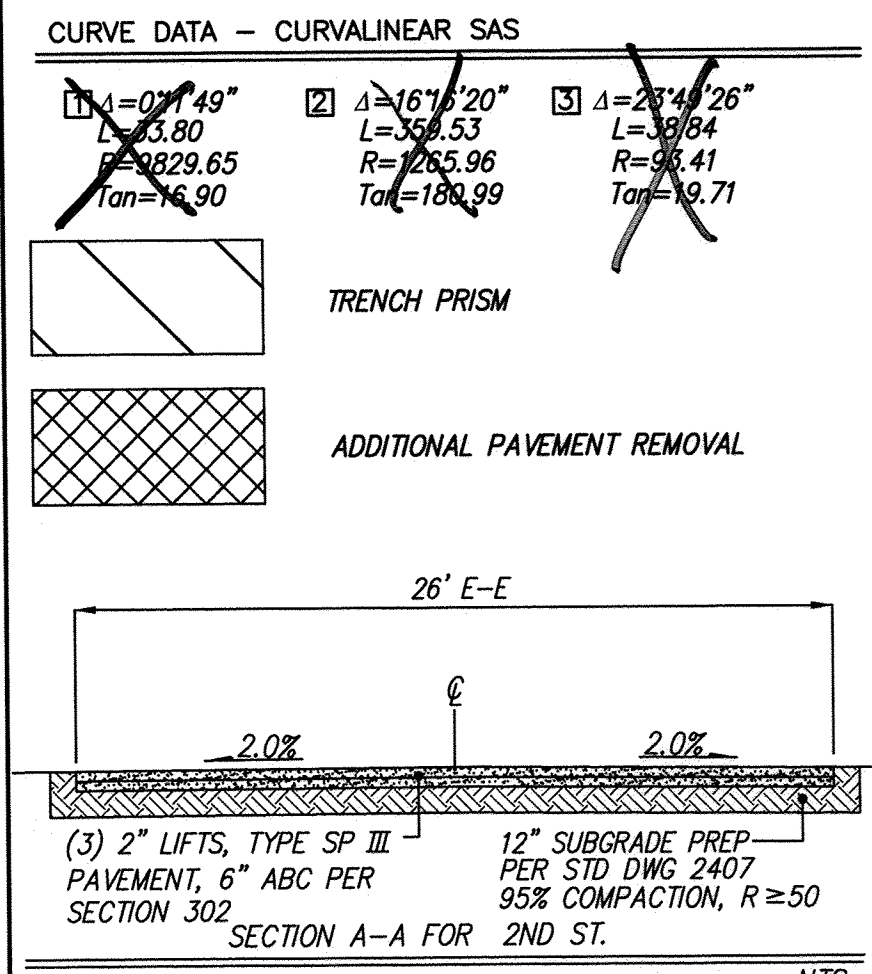
This set of drawings is accepted for RECORD purposes by _____ on 11-30-15

NOTE:
CONTRACTOR SHALL PROVIDE AND MAINTAIN ALL CONSTRUCTION SIGNING UNTIL PROJECT HAS BEEN ACCEPTED BY THE CITY OF ALBUQUERQUE.

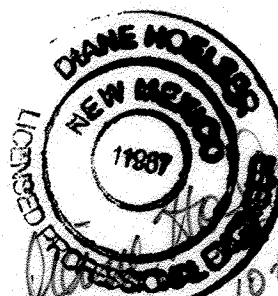
CAUTION:
NOTE THAT ALL EXISTING UTILITIES MAY NOT BE SHOWN. ALL EXISTING SERVICE CONNECTIONS ARE NOT SHOWN. ANY EXISTING UTILITIES THAT ARE SHOWN ARE APPROXIMATE LOCATION ONLY. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT ALL THE UTILITY OWNERS AND TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS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

dmg D. MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P. O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
Δ	4R	<i>[Signature]</i>	12/1/15	<i>[Signature]</i>	9/18/15		
ENGINEERS STAMP & SIGNATURE		APPROVALS		ENGINEER		DATE	
		DRC CHAIRMAN		<i>[Signature]</i>		8/6/15	
		TRANSPORTATION		<i>[Signature]</i>		6/8/15	
		WATER/WASTEWATER		<i>[Signature]</i>		6/12/15	
		HYDROLOGY		<i>[Signature]</i>		6/8/15	
		CIP		<i>[Signature]</i>			
CONSTR. MNGMT.							
CONSTR. COORD.							
CITY PROJECT NO.		667282		CITY ENGINEER		DATE	
				SHEET		OF	
				1		6	



I, Diane Hoelzer, NMPE #11967, of the firm Mark Goodwin & Associates, PA, 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 the 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, and 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, and survey information provided by Tim Aldrich NMPS number 7719.



dmg MARK GOODWIN & ASSOCIATES, P.A.
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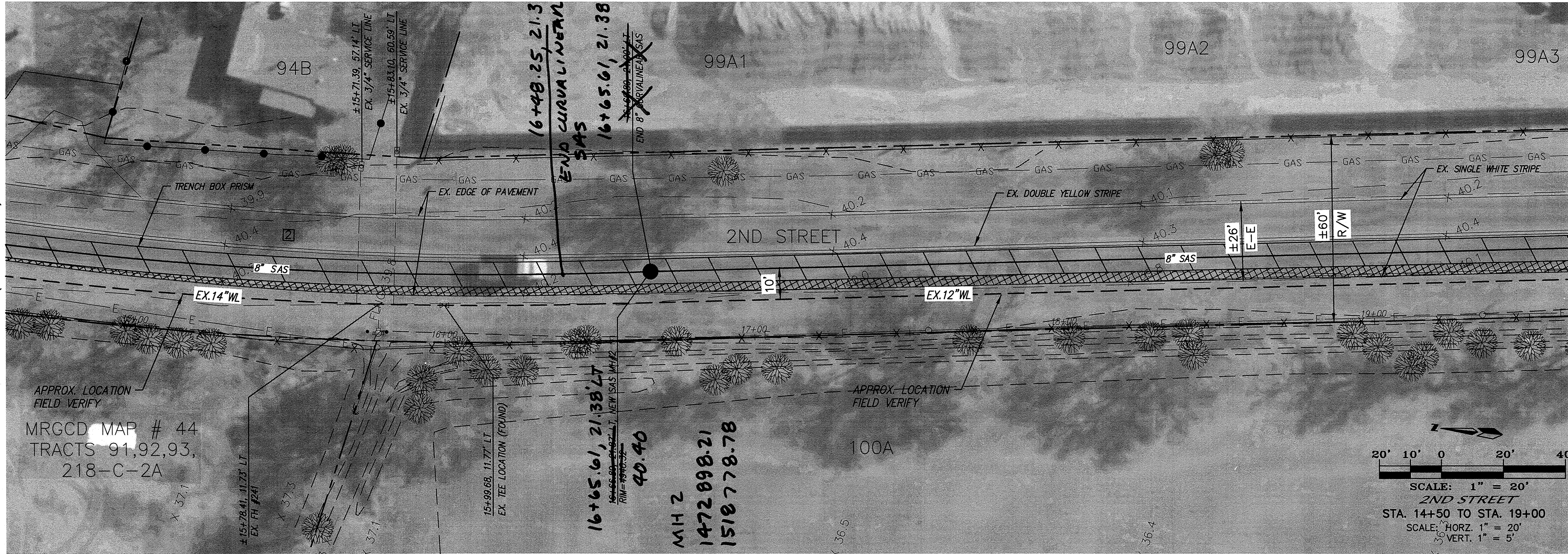
 CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: *ANIMAL CONTROL FACILITY
2ND STREET
UTILITY PLAN AND PROFILE*

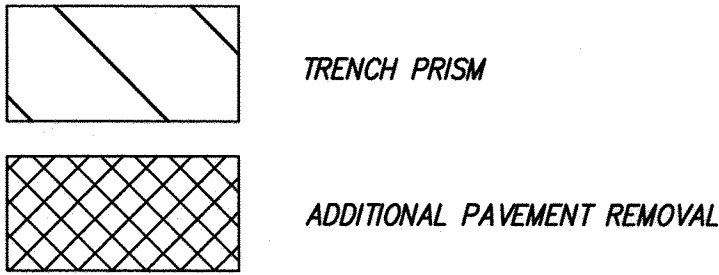
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.
				

CITY PROJECT NO. 667282	ZONE MAP NO. M-14-Z	SHEET OF 2 6
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2ND STREET
(SEE SHEET 2)



- NOTES
1. ALL STATIONING IS BASED ON THE WEST PROPERTY LINE OF PUBLIC ROADWAY.
 2. REMOVE AND REPLACEMENT PAVEMENT IN KIND OR COA STD. DWG 2407 AS MINIMUM REQUIREMENT.
 3. SEE COA STD. DETAIL 2102 FOR TYPE E MANHOLE.
 4. ANY STRIPING REMOVED SHALL BE REPLACED BY THE CONTRACTOR.
 5. 4' MINIMUM BURY ON WATERLINE RELOCATION.



CURVE DATA - CURVILINEAR SAS

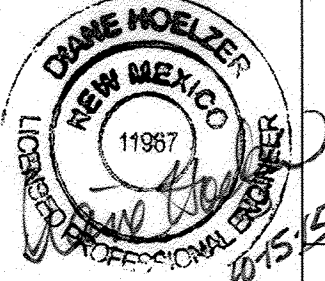
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L=64.99'		L=344.17'		L=38.84'	
R=300.00'		R=1159.67'		R=91.27'	
Tan=10.00'		Tan=80.09'		Tan=15.71'	

1 L=64.99'
R=300.00'

2 L=344.17
R=1159.67

3 L=38.84
R=91.27'

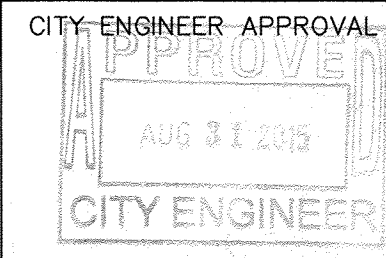
I, Diane Hoelzer, NMPE 11967, of the firm Mark Goodwin & Associates, P.A., a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision, and has been constructed in accordance with the plans and specifications approved by the City Engineer and 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, and survey information provided by Tim Aldrich NMPS number 7719.



dmg MARK GOODWIN & ASSOCIATES, P.A.
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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

TITLE: ANIMAL CONTROL FACILITY
2ND STREET
UTILITY PLAN AND PROFILE

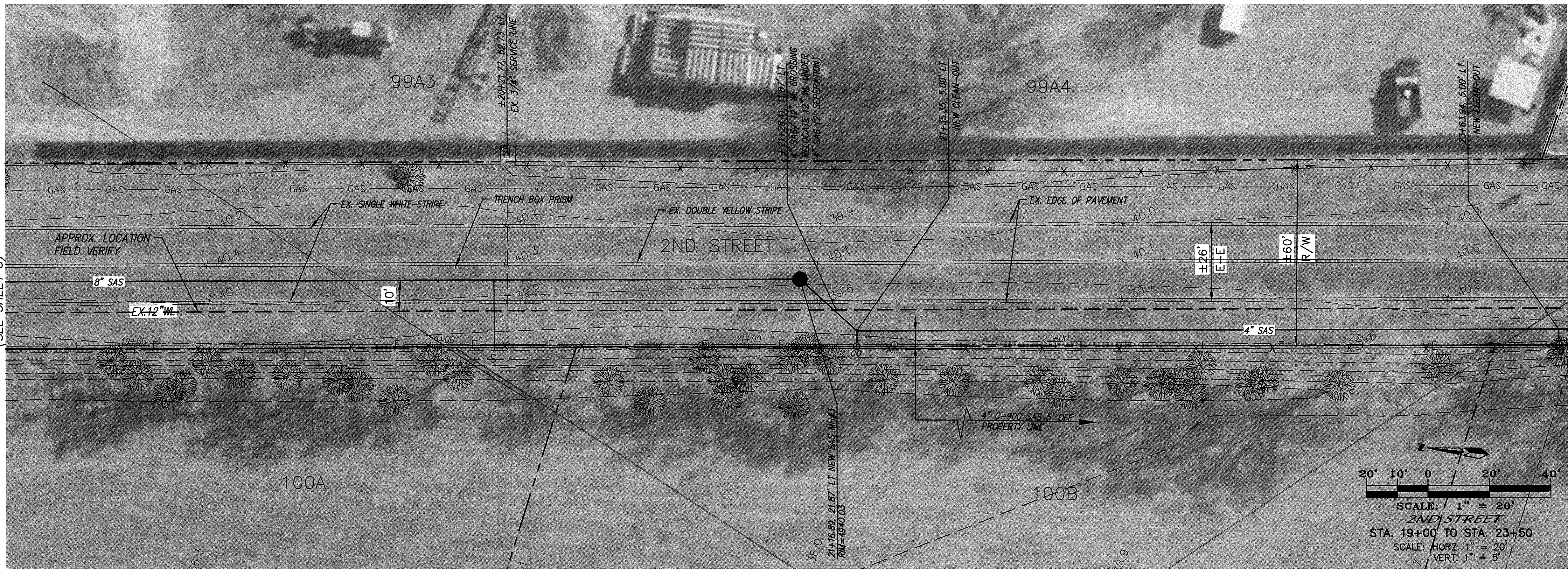


MO./DAY/YR.	MO./DAY/YR.

CITY PROJECT NO. 667282 ZONE MAP NO. M-14-Z SHEET 3 OF 6

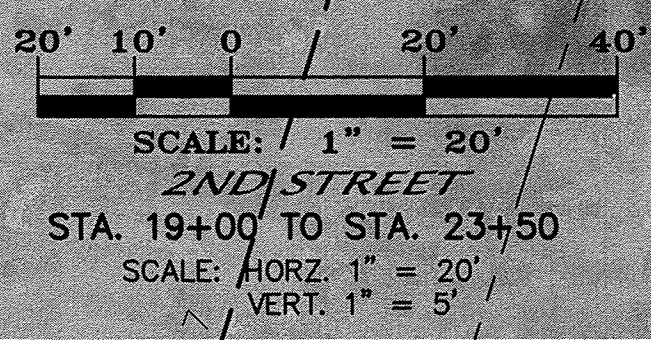
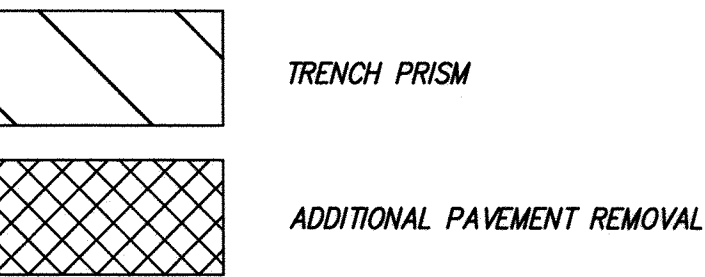
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2ND STREET
(SEE SHEET 3)

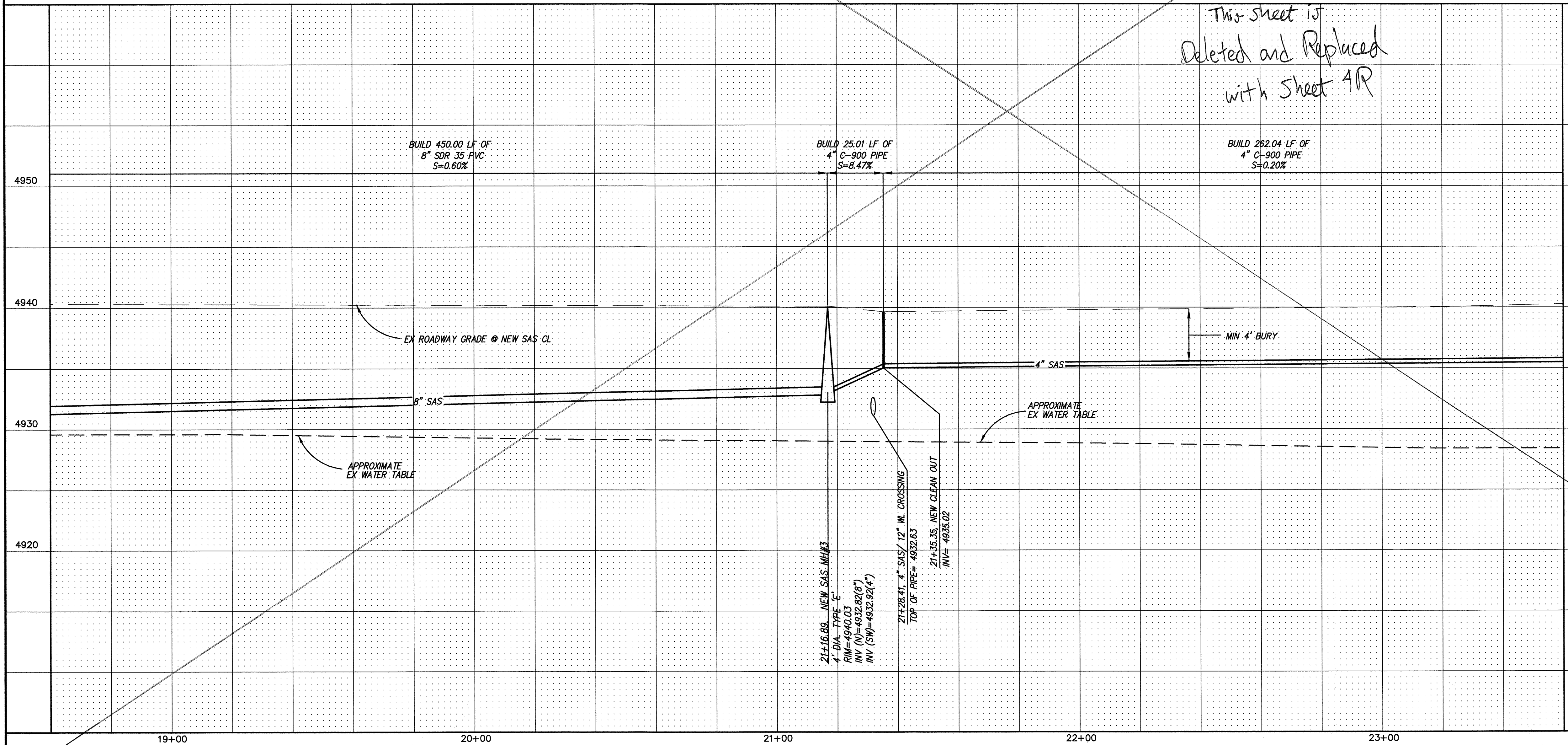


- NOTES**
1. ALL STATIONING IS BASED ON THE WEST PROPERTY LINE OF PUBLIC ROADWAY.
 2. REMOVE AND REPLACEMENT PAVEMENT IN KIND OR COA STD. DWG 2407 AS MINIMUM REQUIREMENT.
 3. SEE COA STD. DETAIL 2102 FOR TYPE E MANHOLE.
 4. ANY STRIPING REMOVED SHALL BE REPLACED BY THE CONTRACTOR.
 5. SEE ABCWUA STD. DETAIL 2183 FOR FORCE MAIN CONNECTION.

NEW SANITARY SEWER SERVICES				
LOT	BLOCK	STATION AT PUE	INV. ELEV. AT PUE	LENGTH AT PUE
-	-	20+17.25	33.35	23.00'



This sheet is Deleted and Replaced with Sheet 4R



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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

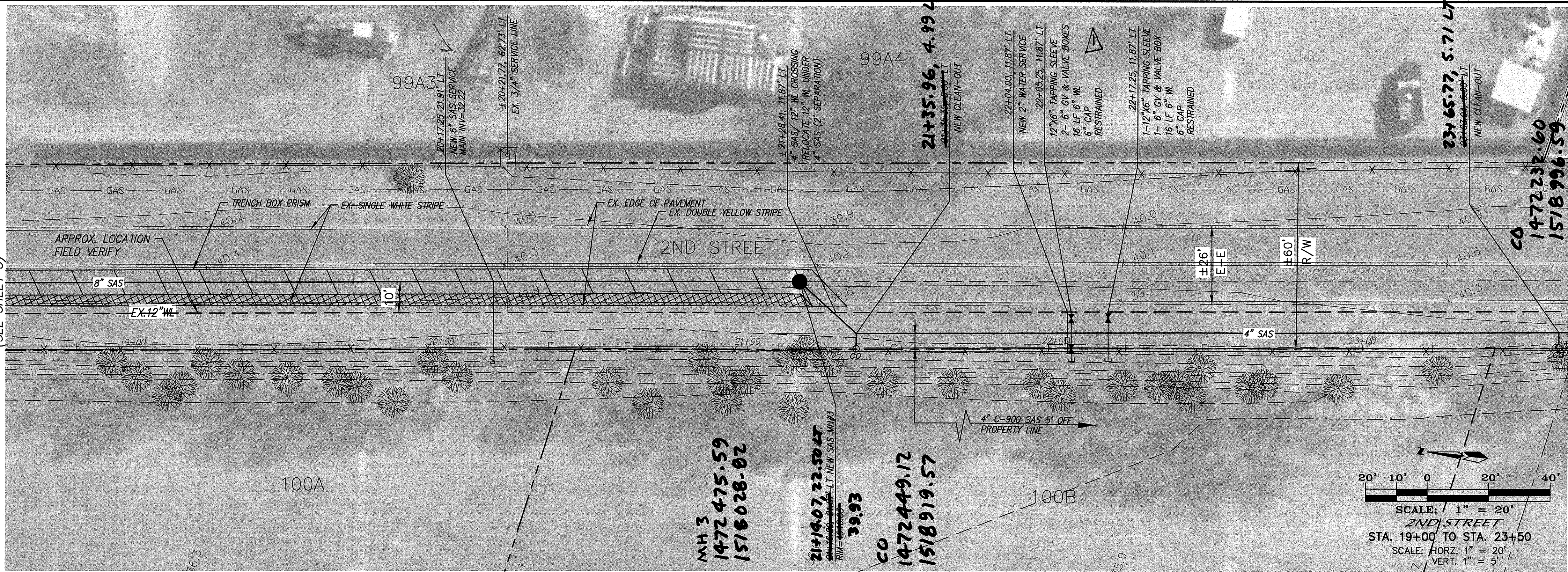
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2ND STREET
UTILITY PLAN AND PROFILE

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
APPROVED AUG 3 1 2015 DESIGN REVIEW COMMITTEE	APPROVED AUG 3 1 2015 CITY ENGINEER		

CITY PROJECT NO. **667282** ZONE MAP NO. **M-14-Z** SHEET **4** OF **6**

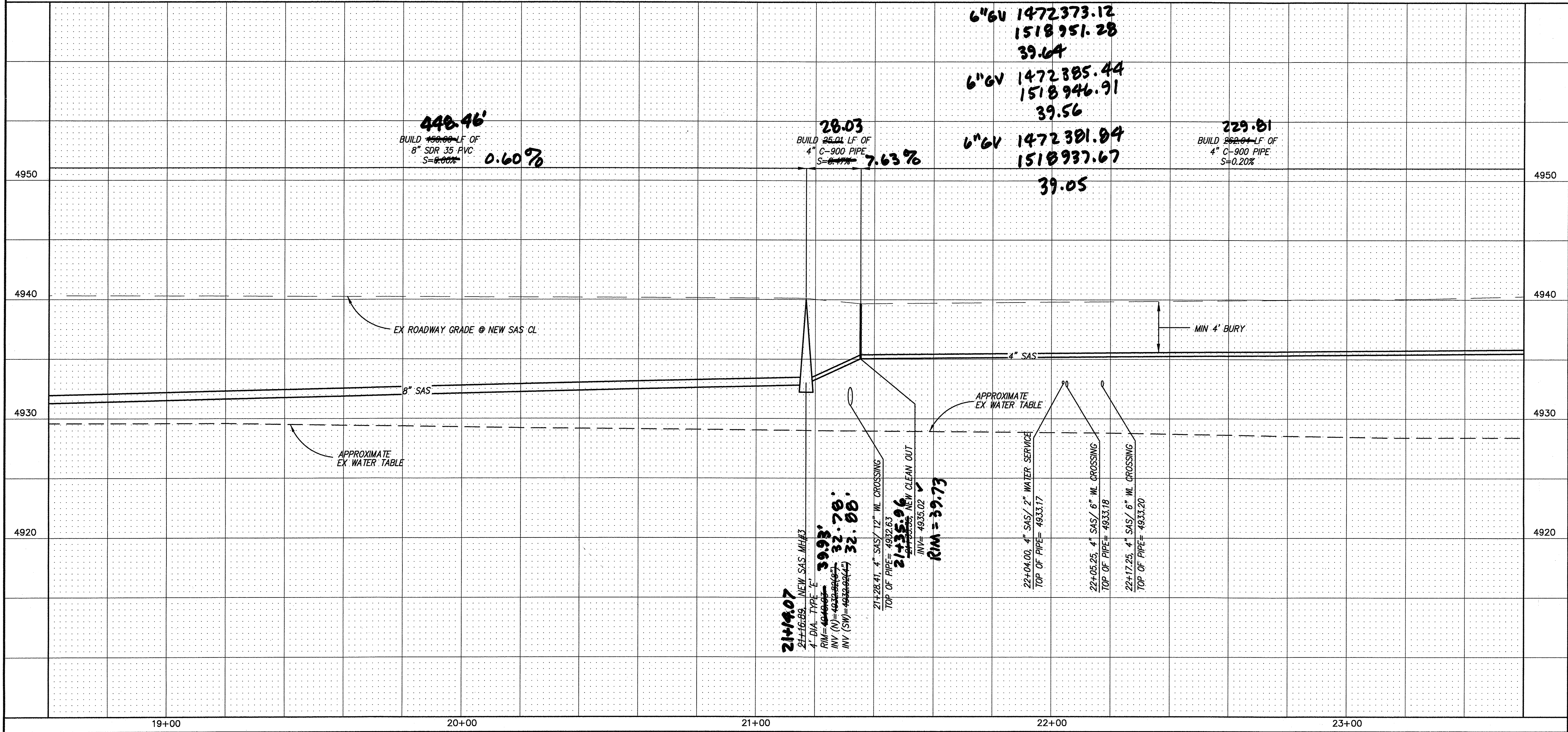
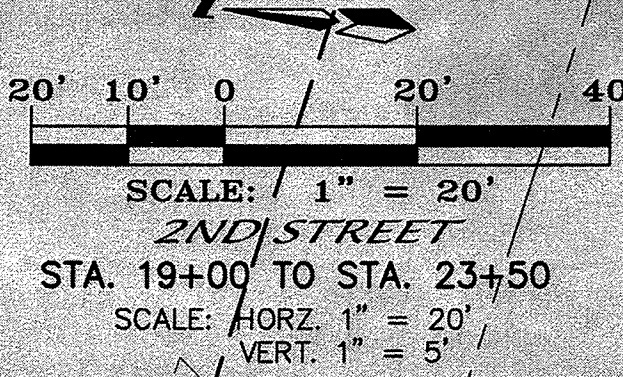
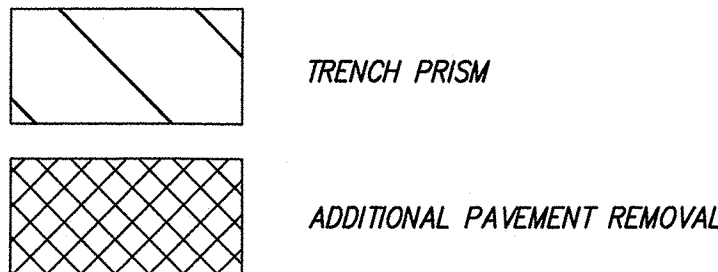
2ND STREET
(SEE SHEET 3)

2ND STREET
(SEE SHEET 5)



- NOTES**
1. ALL STATIONING IS BASED ON THE WEST PROPERTY LINE OF PUBLIC ROADWAY.
 2. REMOVE AND REPLACEMENT PAVEMENT IN KIND OR COA STD. DWG 2407 AS MINIMUM REQUIREMENT.
 3. SEE COA STD. DETAIL 2102 FOR TYPE E MANHOLE.
 4. ANY STRIPING REMOVED SHALL BE REPLACED BY THE CONTRACTOR.
 5. SEE ABCWA STD. DETAIL 2183 FOR FORCE MAIN CONNECTION.

NEW 6" SANITARY SEWER SERVICE				
LOT	BLOCK	STATION AT MAIN	INV. ELEV. NEAR P.L.	LENGTH NEAR P.L.
-	-	20+17.25	33.35	23.00'



I, Diane Hoelzer, NMPE 11967, of the firm Mark Goodwin & Associates, P.A., 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 and 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, and survey information provided by Tim Aldrich NMPS number 7719.



dmg MARK GOODWIN & ASSOCIATES, P.A.
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CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT	
TITLE: ANIMAL CONTROL FACILITY 2ND STREET UTILITY PLAN AND PROFILE	
APPROVED SEP 21 2015 DESIGN REVIEW COMMITTEE	APPROVED SEP 21 2015 CITY ENGINEER
LAST DESIGN UPDATE	MO./DAY/YR.
CITY PROJECT NO.	ZONE MAP NO.
667282	M-14-Z
SHEET	OF
48	6

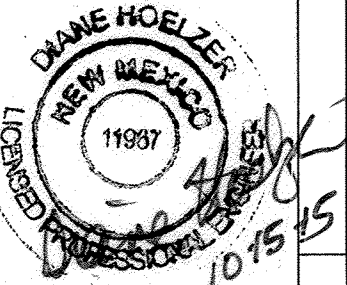
- NOTES
1. ALL STATIONING IS BASED ON THE WEST PROPERTY LINE OF PUBLIC ROADWAY.
 2. REMOVE AND REPLACEMENT PAVEMENT IN KIND OR COA STD. DWG 2407 AS MINIMUM REQUIREMENT.
 3. SEE COA STD. DETAIL 2102 FOR TYPE E MANHOLE.
 4. ANY STRIPING REMOVED SHALL BE REPLACED BY THE CONTRACTOR.
 5. SEE ABCWUA STD. DETAIL 2183 FOR FORCE MAIN CONNECTION.
 6. FORCE MAIN TO BE PLACED 2' BEHIND FH #272. CONTACT DESIGN ENGINEER WITH ANY COMPLICATIONS.

CURVE DATA - CURVALINEAR SAS

1	L=171.19' R=229.65 Tan=18.90	2	L=161.60' R=125.96 Tan=18.90	3	L=234.92' R=91.11 Tan=19.71
---	------------------------------------	---	------------------------------------	---	-----------------------------------

3 L=38.04'
R=91.27'

I, Diane Hoelzer, NMPE 11987, of the firm Mark Goodwin & Associates, P.A., 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 and 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, and survey information provided by Tim Aldrich NMPS number 7719.



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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

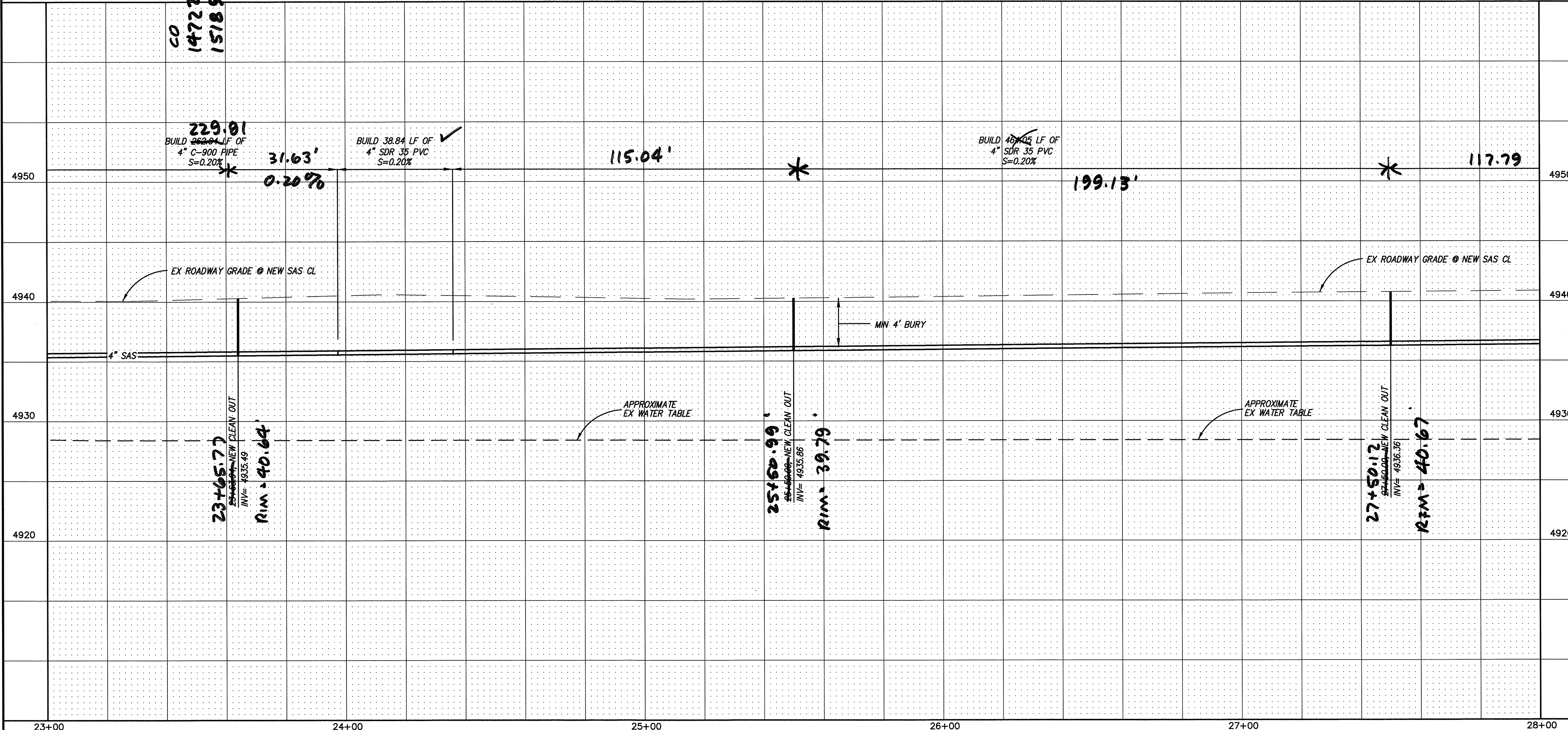
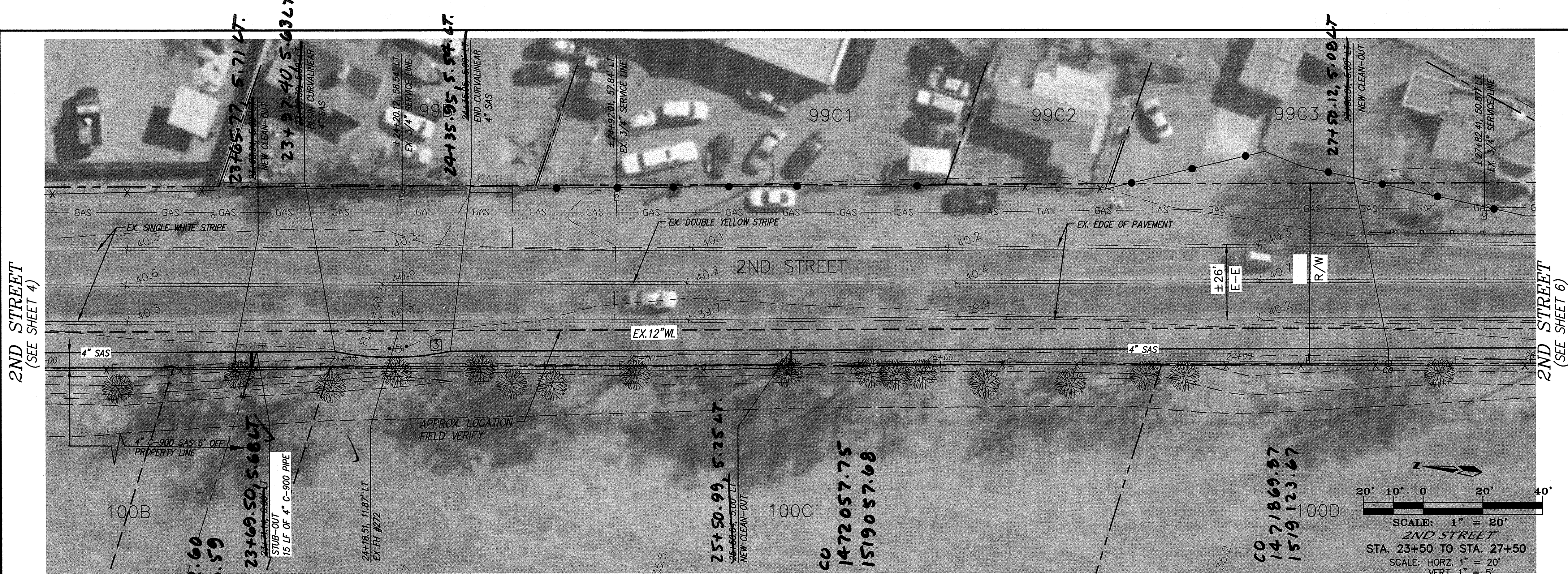
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2ND STREET
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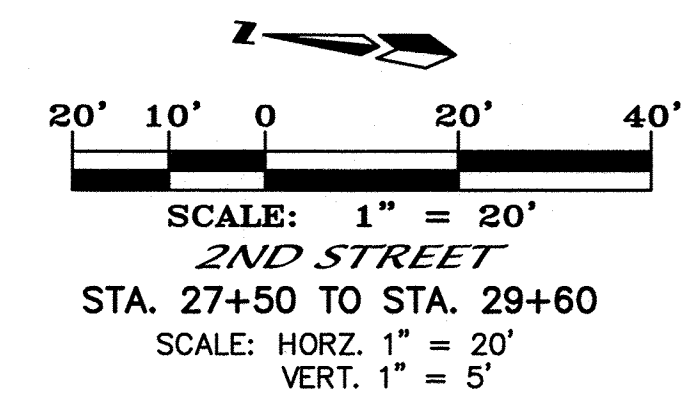
DESIGN REVIEW COMMITTEE
APPROVE
AUG 6 2015
DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL
APPROVE
AUG 31 2015
CITY ENGINEER

MO./DAY/YR.	MO./DAY/YR.

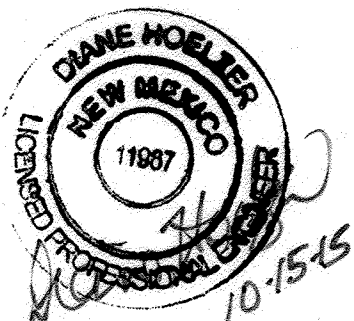
CITY PROJECT NO. **667282** ZONE MAP NO. **M-14-Z** SHEET **5** OF **6**



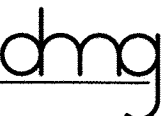


AS BUILT INFORMATION			
CONTRACTOR	TLC		
WORK STATED BY	ALS	DATE	15
INSPECTOR'S ACCEPTANCE BY	ALS	DATE	15
VERIFICATION BY	ALS	DATE	10/15
DRAWINGS CORRECTED BY	ALS	DATE	
MICRO-FILM INFORMATION			
RECORDED BY		DATE	
NO.			

I, Diane Hoelzer, NMPE, of the firm Mark Goodwin & Associates, PA, 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 and 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, and survey information provided by Tim Aldrich
NMPS number 7719.



NO.	DATE	REMARKS	DESIGN	
			REVISED BY	DATE
			HLC	06/15
			DMG	06/15

 MARK GOODWIN & ASSOCIATES, P.A.
CONSULTING ENGINEERS
P.O. BOX 90606
ALBUQUERQUE, NEW MEXICO 87199
(505) 828-2200, FAX (505) 797-9539

	CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT																
TITLE:	<i>ANIMAL CONTROL FACILITY</i> <i>2ND STREET</i> <i>UTILITY PLAN AND PROFILE</i>																
DESIGN REVIEW COMMITTEE APPROVED AUG 6 2015 DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL APPROVED AUG 8 2015 CITY ENGINEER	LAST DESIGN UPDATE	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">MO./DAY/YR.</th> <th style="width: 50%;">MO./DAY/YR.</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </tbody> </table>	MO./DAY/YR.	MO./DAY/YR.												
MO./DAY/YR.	MO./DAY/YR.																
CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF														
667282	M-14-7	6	6														