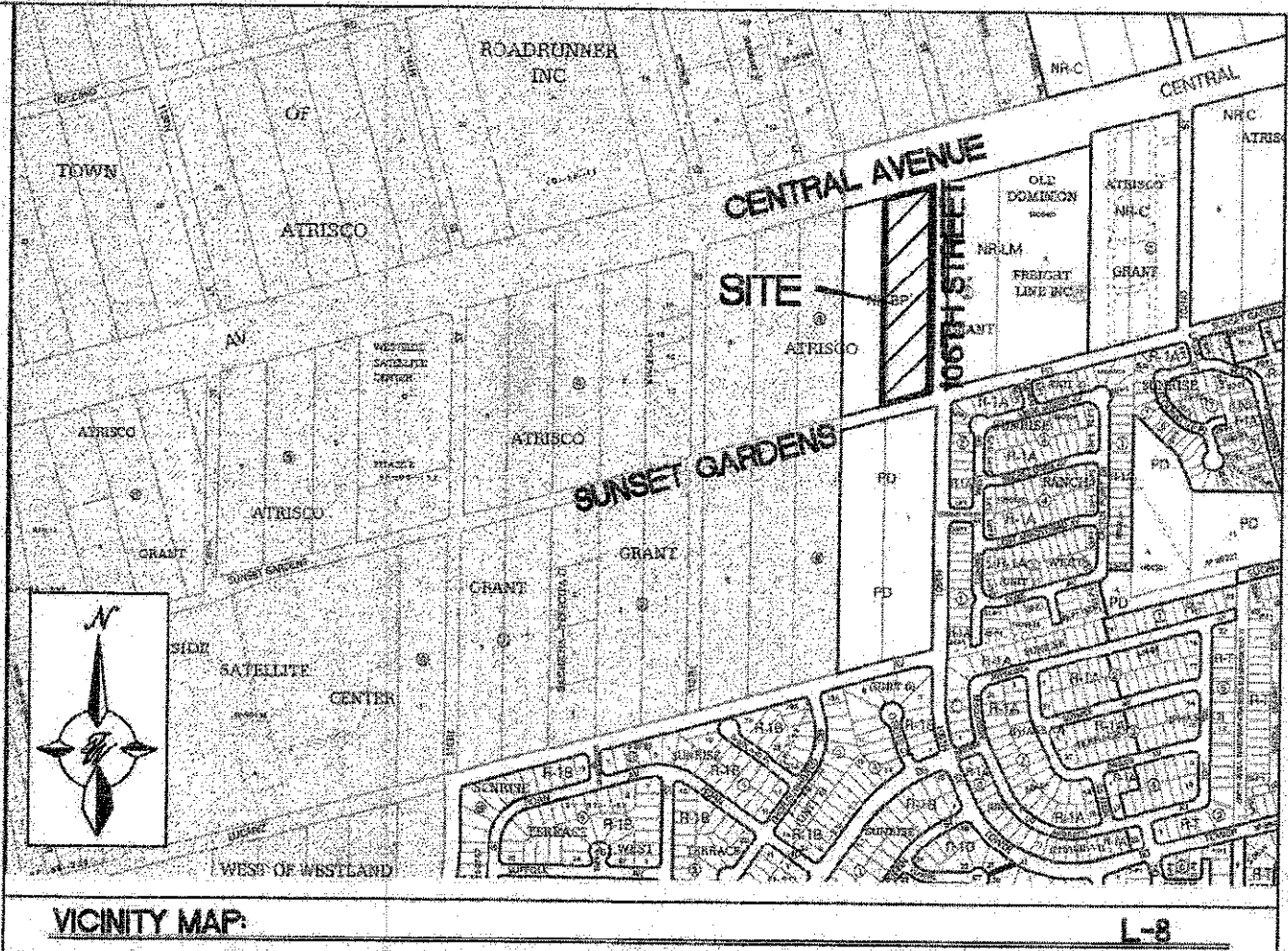


CONSTRUCTION PLANS FOR
SAFStor STORAGE
ROADWAY IMPROVEMENTS PLAN
CITY OF ALBUQUERQUE
BERNALILLO COUNTY, NEW MEXICO
JANUARY 2023

EW

APPROVED RECORD DRAWINGS	
City Inspector	Ernest Gomez
Contractor	ARCO National Construction
Construction Engineer	David Bishop
Date	5/13/2024



LOT 1 BLOCK 3 TOWN OF ATRISCO GRANT SCALE NONE
UPC 100805638540210405

SAFStor STORAGE
JOB# 4776

INDEX TO DRAWINGS

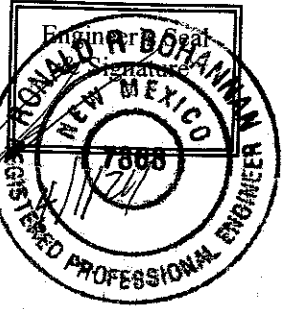
1. TITLE SHEET
2. GENERAL NOTES
3. PRELIMINARY PLAT (REFERENCE ONLY)
4. APPROVED GRADING AND DRAINAGE PLAN (REFERENCE ONLY)
5. APPROVED GRADING AND DRAINAGE PLAN (REFERENCE ONLY)
6. SUNSET GARDENS ROAD IMPROVEMENTS 10+00 TO 12+93
7. 106TH STREET ROAD IMPROVEMENTS 30+00 TO 36+00
8. 106TH STREET ROAD IMPROVEMENTS 36+00 TO 40+35
9. CENTRAL AVENUE ROAD IMPROVEMENTS 20+00 TO 23+40
- ✓ 10. SUNSET GARDENS UTILITY IMPROVEMENTS 10+00 TO 12+93
- ✓ 11. 106TH STREET UTILITY IMPROVEMENTS 30+00 TO 36+00
- ✓ 12. 106TH STREET UTILITY IMPROVEMENTS 36+00 TO 40+35
13. SUNSET GARDENS STORM SEWER IMPROVEMENTS 10+00 TO 12+93
14. 106TH STREET STORM SEWER IMPROVEMENTS 36+00 TO 40+35
15. CONSTRUCTION DETAILS
16. SIGNING / STRIPING PLAN
17. EROSION CONTROL PLAN (FOR REFERENCE ONLY)
18. EROSION CONTROL PLAN NOTES (FOR REFERENCE ONLY)
19. EROSION CONTROL PLAN DETAILS (FOR REFERENCE ONLY)

ASBUILT - ~~REVISION 04/24~~

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 12/01/2023
Timothy Aldrich, No. 7719 Date
12/15/2023
02/05/2024

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Ronald R. Bohannon, of the firm of Tierra West LLC, 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 on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction with survey information provided by Tim Aldrich, of Aldrich Land Surveying, NMPS number 7719.



TERRA WEST, LLC
5571 MIDWAY PARK PLACE NE
ALBUQUERQUE, NEW MEXICO 87109
(505) 858-3100
www.tierrawestllc.com

DRB PROJECT # PR-2021-006336

REV	SHEETS	CITY ENGINEER	DATE	USER DEPT.	DATE	USER DEPT.	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS	ENGINEER	DATE	*****		
 <i>R. Bohannon</i> 01/17/2023 RONALD R. BOHANNAN P.E. #7868		DRG Chairman	<i>Timothy Aldrich</i>	3/13/2023	APPROVED FOR CONSTRUCTION		
		Transportation	<i>Timothy Aldrich</i>	3/6/2023			
		ABCMWA	<i>Timothy Aldrich</i>	03/06/23			
		Hydrology	<i>Ronald R. Bohannon</i>	03/06/23			
		Traffic Engineer					
		Const. Mngmt.			<i>R. Bohannon</i> 4/19/2023 City Engineer Date		
		Berna. Cont. Public Works					
		CITY PROJECT NO.			SHEET		
		505291			1 of 19		

STATE OF NEW MEXICO COUNTY OF BERNALILLO
IN THE DISTRICT COURT

TOWN OF ATRISCO,
FIRST NATIONAL BANK IN ALBUQUERQUE,
Title Agent,
PHOENIX TITLE AND TRUST COMPANY, et als.,

Plaintiffs,

-VS-

BARBARA G. ABEYTA, et als.,

Defendants,

-AND-

ACCEPTANCE FINANCE COMPANY, d/b/a
A LIED FINANCE CO., et als.,

Defendants.

No. 83311

No. 85896

CONSOLIDATED

PLAT LANDS OF THE ATRISCO GRANT

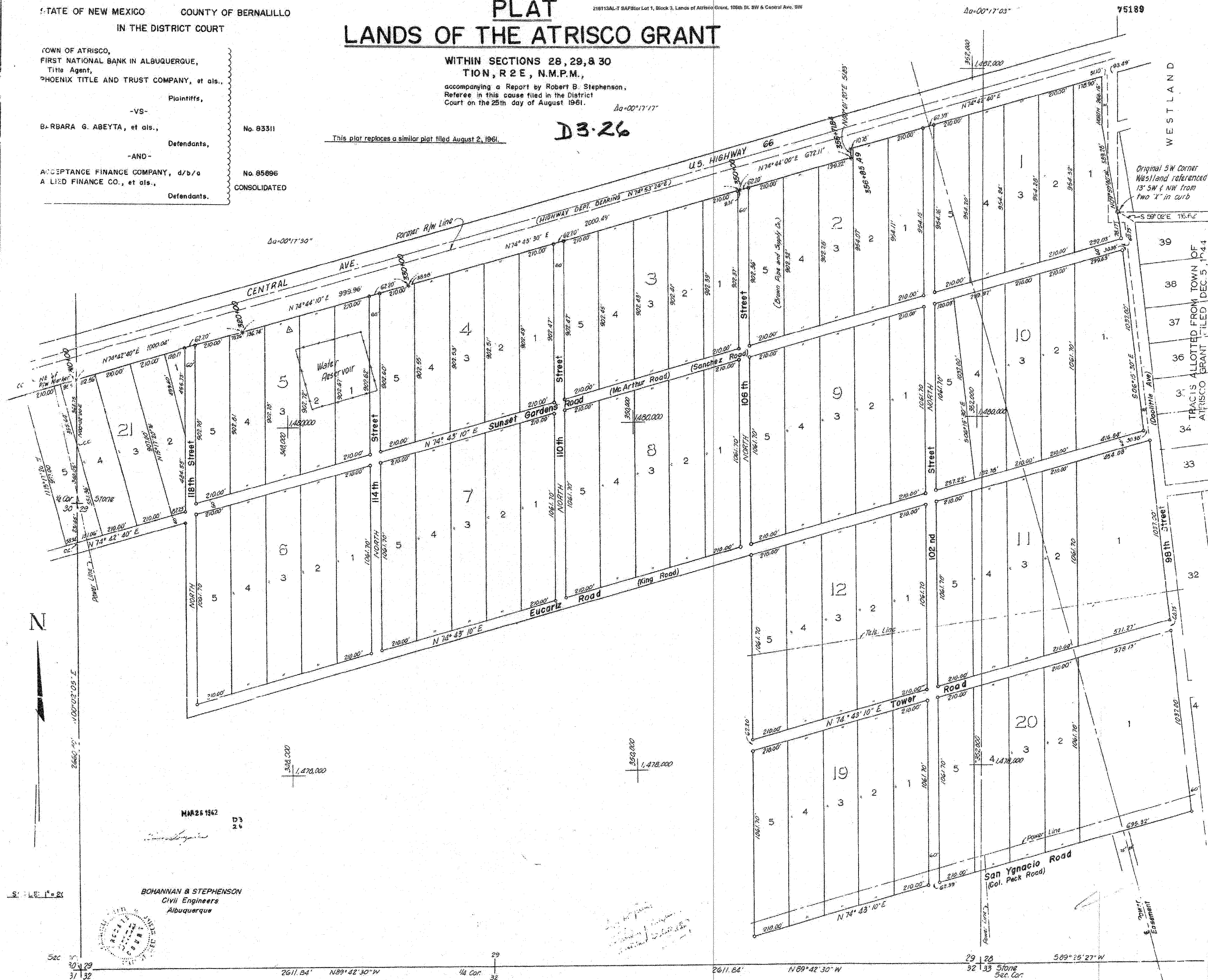
WITHIN SECTIONS 28, 29, & 30
T10N, R2E, N.M.P.M.,

accompanying a Report by Robert B. Stephenson,
Referee in this cause filed in the District
Court on the 25th day of August 1961.

Da-00°17'17"

D3-26

This plat replaces a similar plat filed August 2, 1961.



MAR 26 1962

D3
26

BOHANNAN & STEPHENSON
Civil Engineers
Albuquerque

FOR REFERENCE
ONLY

LEGEND

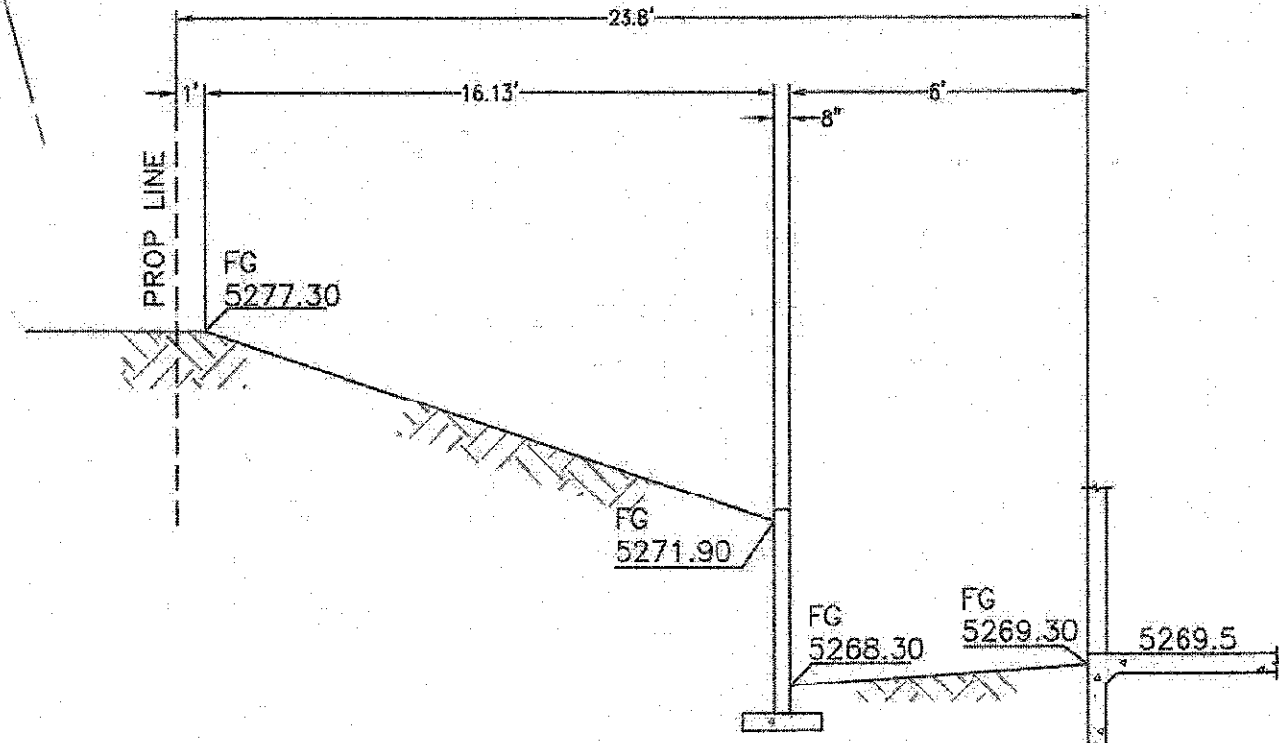
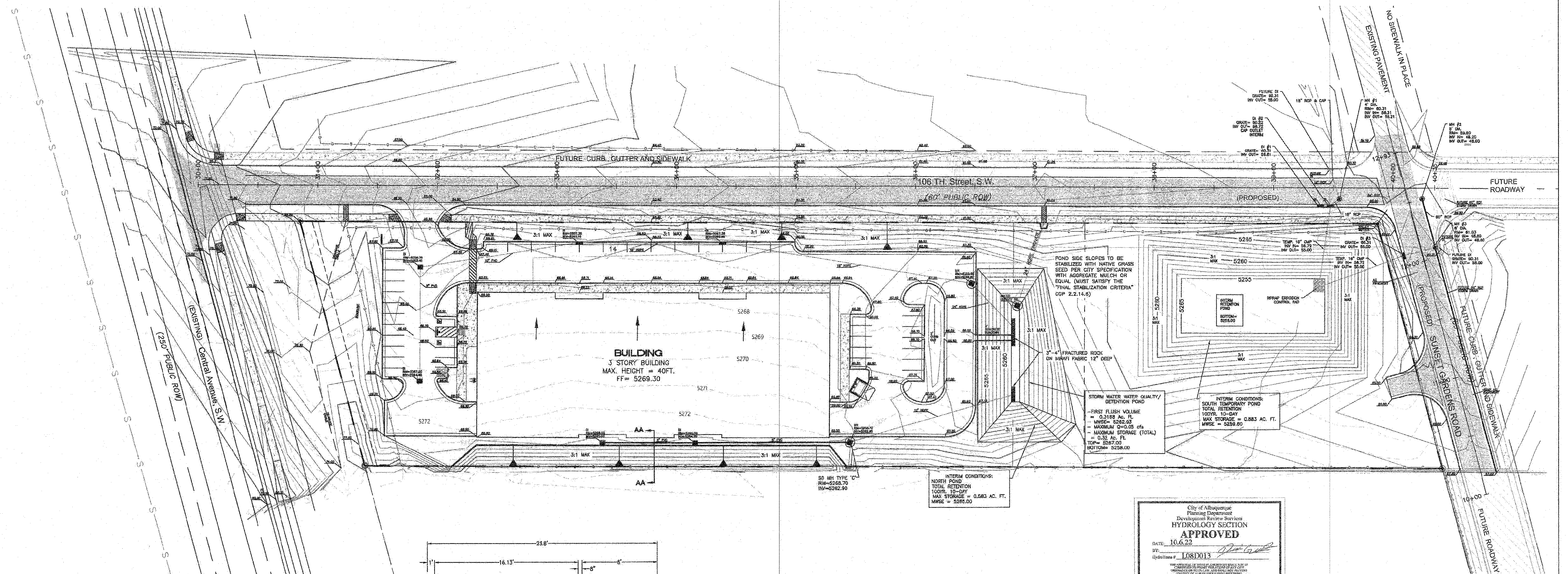
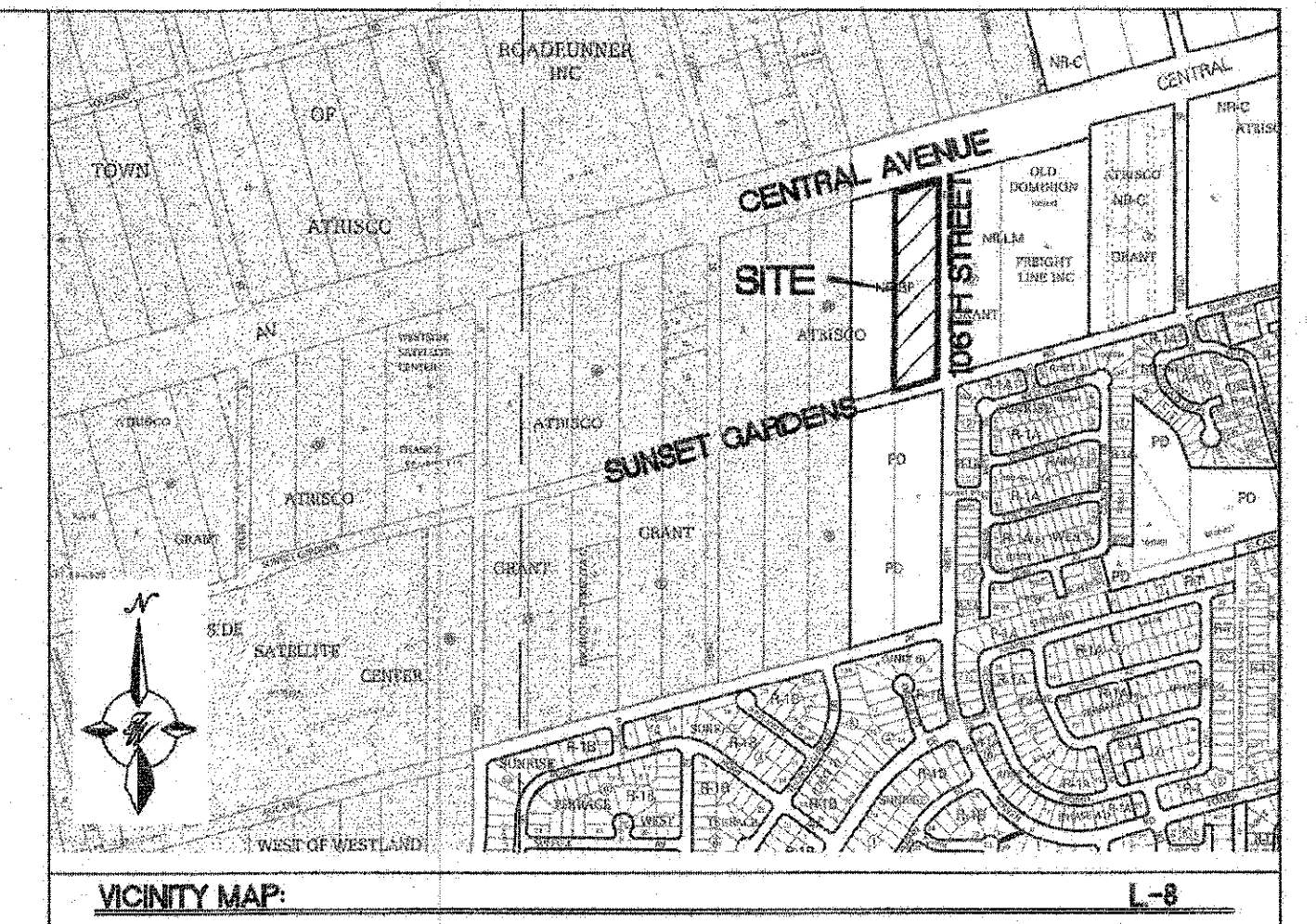
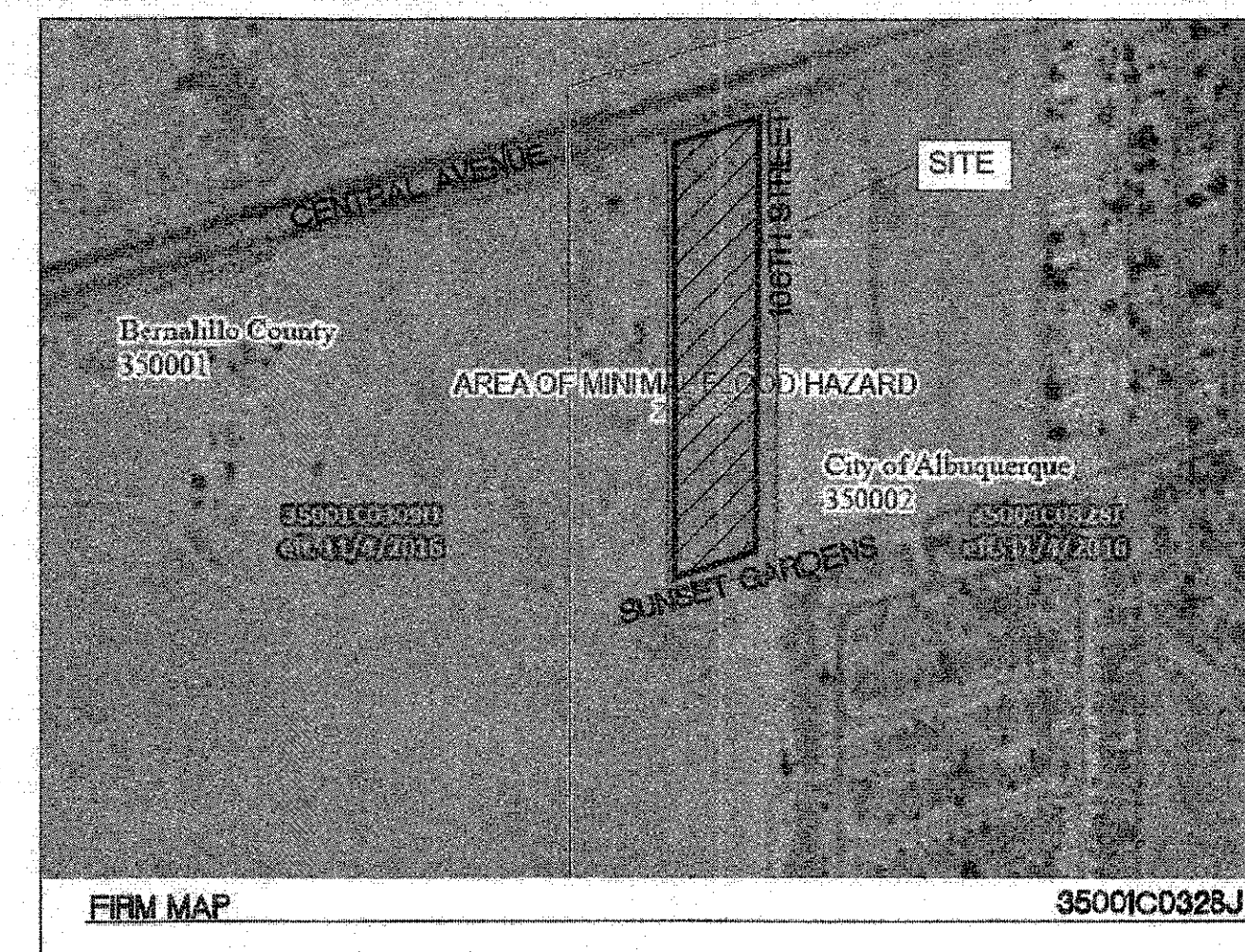
- CURB & GUTTER
- BOUNDARY LINE
- RIGHT-OF-WAY
- BUILDING
- SIWALK
- 5010 CONTOUR MAJOR
- 5011 CONTOUR MINOR
- x 5048.25 SPOT ELEVATION
- FLOW ARROW
- EXISTING CURB & GUTTER
- EXISTING BOUNDARY LINE
- 5010 EXISTING CONTOUR MAJOR
- EXISTING CONTOUR MINOR

NOTICE TO CONTRACTORS

1. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY.
2. 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 INTERIM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1985.
3. TWO WORKING DAYS PRIOR TO 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 CONNECTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
5. BACKFILL COMPACTION SHALL BE ACCORDING TO TRAFFIC/STREET USE.
6. MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED.
7. WORK ON ARTERIAL STREETS SHALL BE PERFORMED ON A 24-HOUR BASIS.

EROSION CONTROL NOTES

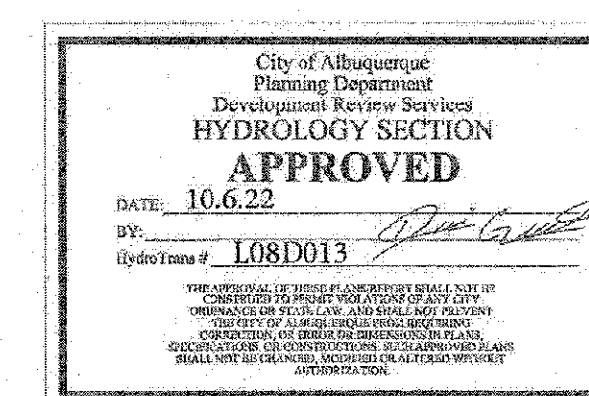
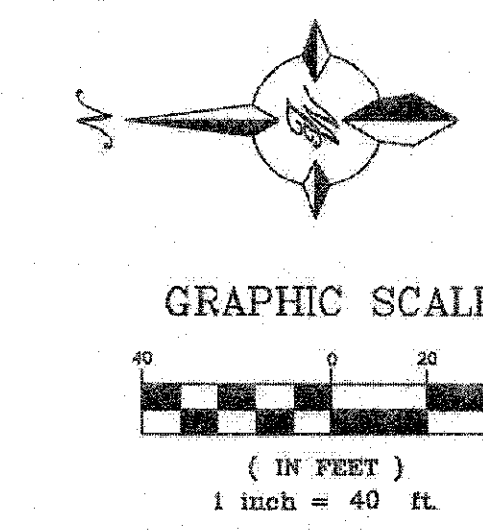
1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING WORK.
2. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING RUN-OFF ON SITE DURING CONSTRUCTION.
3. CONTRACTOR IS RESPONSIBLE FOR CLEANING ALL SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY.
4. REPAIR OF DAMAGED FACILITIES AND CLEANUP OF SEDIMENT ACCUMULATIONS ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
5. ALL EXPOSED EARTH SURFACES MUST BE PROTECTED FROM WIND AND WATER EROSION PRIOR TO FINAL (CITY) ACCEPTANCE OF ANY PROJECT.
6. ALL SLOPES NOT STABILIZED AT THE END OF THE PROJECT SHALL BE STABILIZED IN ACCORDANCE WITH COA SPECS OR 3" GRAVEL.



SECTION AA-AA

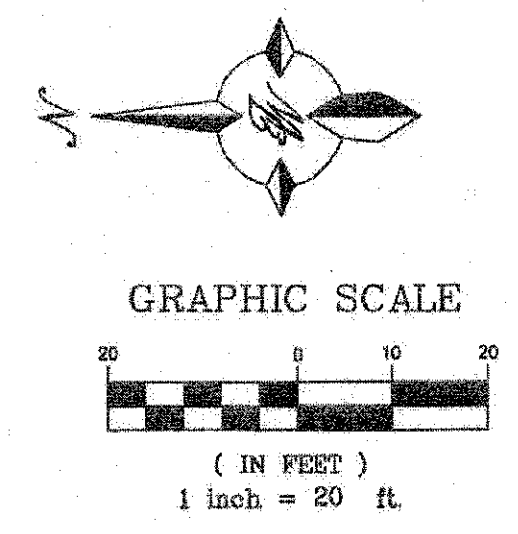
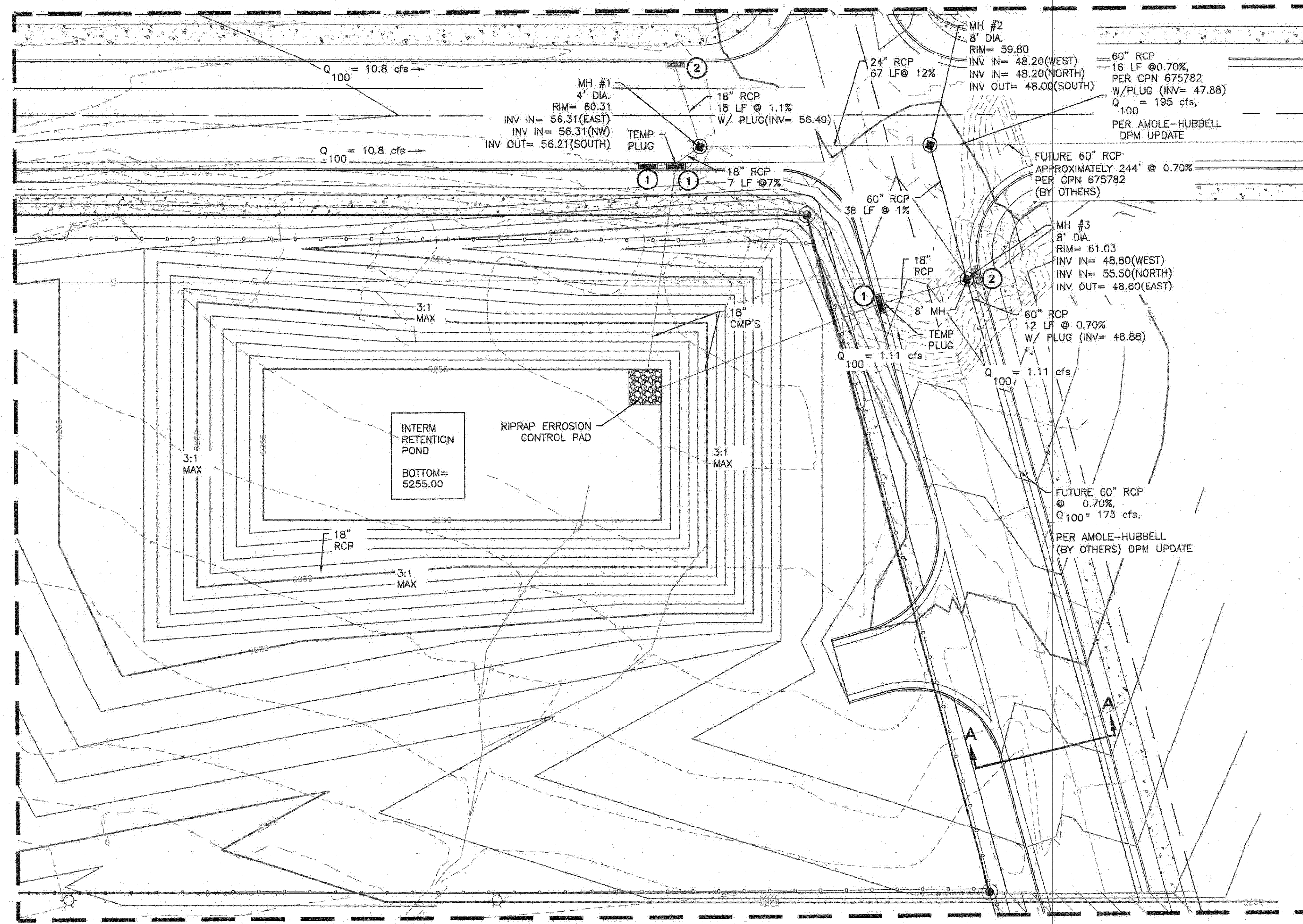
CAUTION

ALL EXISTING UTILITIES SHOWN WERE OBTAINED FROM RESEARCH, AS-BUILTS, SURVEYS OR INFORMATION PROVIDED BY OTHERS. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO AND INCLUDING ANY EXCAVATION, TO DETERMINE THE ACTUAL LOCATION OF UTILITIES AND OTHER IMPROVEMENTS, PRIOR TO STARTING THE WORK. ANY CHANGES FROM THIS PLAN SHALL BE COORDINATED WITH AND APPROVED BY THE ENGINEER.

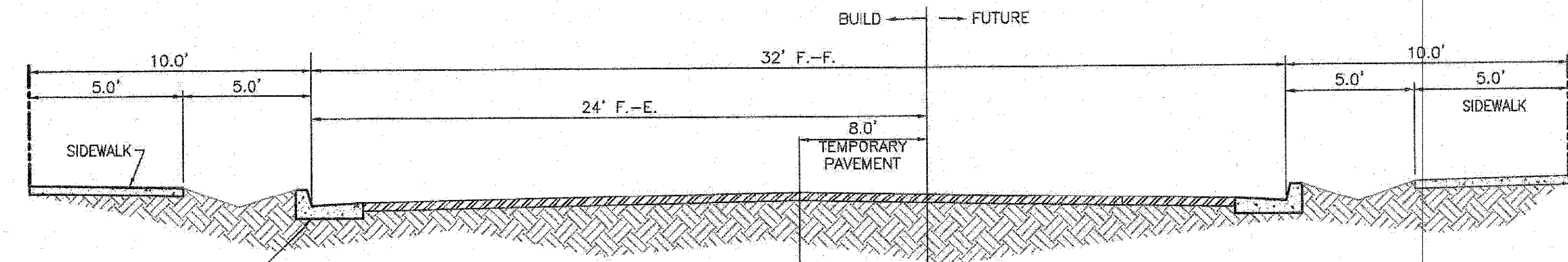


FOR REFERENCE ONLY

ENGINEER'S SEAL RONALD R. BOHANNAN P.E. #7868	SAFStor STORAGE ALBUQUERQUE, N.M.	DRAWN BY RMG
	GRADING AND DRAINAGE PLAN	DATE 09/22/2022
	TERRA WEST, LLC 5571 MIDWAY PARK PLACE NE ALBUQUERQUE, NM 87109 (505) 858-3100 www.tierwestllc.com	2021064_GR PLAN
	SHEET # GR-1	JOB # 2021064

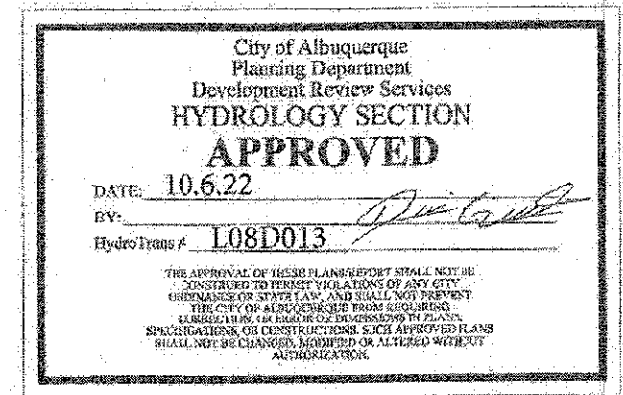


Pipe Capacity					
D (in)	Slope (%)	Area (ft ²)	R	Q Provided (cfs)	Velocity (ft/s)
60	0.7	19.63	1.25	218.49	11.13
60	1	19.63	1.25	261.14	13.30
24	12	3.14	0.5	78.58	25.01
18	1.1	1.77	0.375	11.05	6.25
18	7	1.77	0.375	27.87	15.77



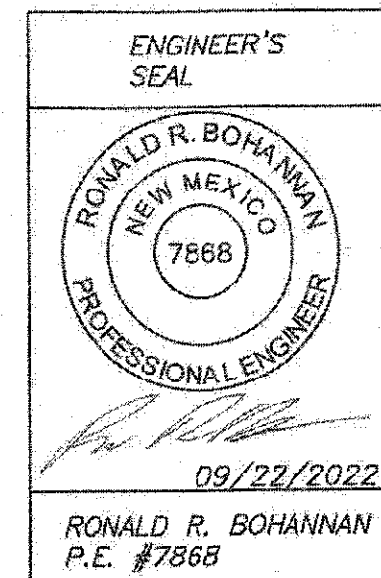
**SUNSET GARDENS RD.
SECTION A-A**
SCALE: NTS

- KEYED NOTES**
- ① TYPE "A" DBL INLET
 - ② FUTURE TYPE "A" DBL INLET (BY OTHERS)



FOR REFERENCE ONLY

CAUTION
ALL EXISTING UTILITIES SHOWN WERE OBTAINED FROM RESEARCH, AS-BUILTS, SURVEYS OR INFORMATION PROVIDED BY OTHERS. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO AND INCLUDING ANY EXCAVATION, TO DETERMINE THE ACTUAL LOCATION OF UTILITIES AND OTHER IMPROVEMENTS, PRIOR TO STARTING THE WORK. ANY CHANGES FROM THIS PLAN SHALL BE COORDINATED WITH AND APPROVED BY THE ENGINEER.



**SAFStor STORAGE
ALBUQUERQUE, N.M.**

**GRADING
AND DRAINAGE PLAN**

TIERRA WEST, LLC
5571 MIDWAY PARK PLACE NE
ALBUQUERQUE, NM 87109
(505) 858-3100
www.tierrawestllc.com

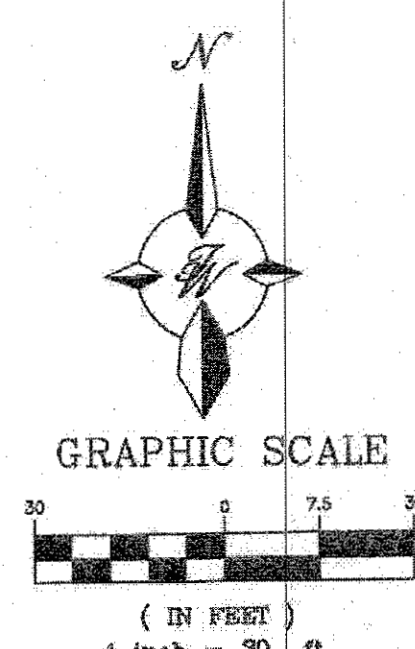
DRAWN BY
RMG









DATE
09/22/2022

2021064_GR PLAN

SHEET #
GR-2

JOB #
2021064



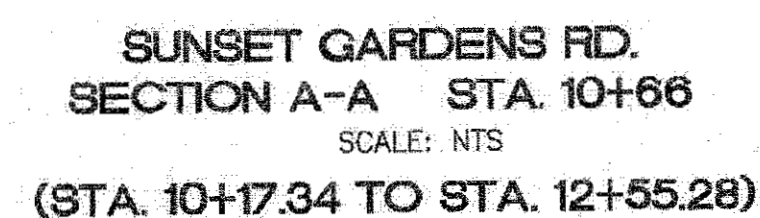
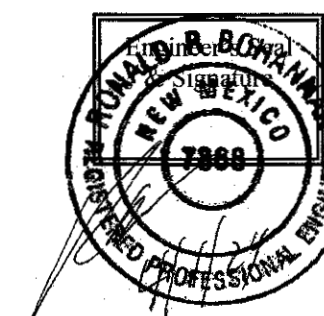
	CURB & GUTTER
	BOUNDARY LINE
	EXISTING CURB & GUTTER
	EXISTING BOUNDARY LINE
	CENTERLINE
	RIGHT-OF-WAY
	SIDEWALK
	EXISTING PAVEMENT

C5	FL	ELEV.	C6	FL	ELEV.
	A	5260.32		D	5259.31
	B	5260.60		E	5259.60
	C	5260.87		F	5259.90

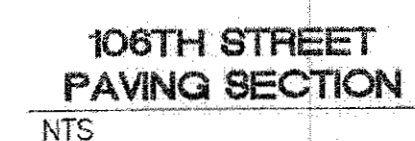
C7	FL	ELEV.	C8	FL	ELEV.
	A	5259.62		D	5261.18
	B	5259.59		E	5260.52
	C	5259.56		F	5259.86

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Ronald R. Bohannon, of the firm of Tierra W&L LLC, 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 on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction with survey information provided by Tim Aldrich, of Aldrich Land Surveying, NMPS number 7719.

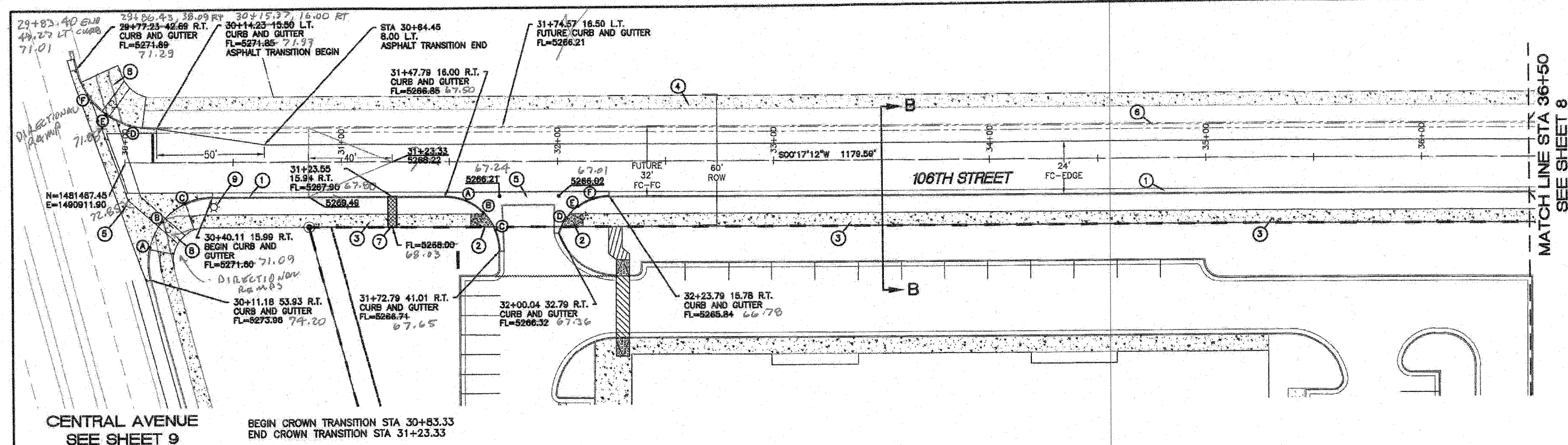


- 1 STANDARD CURB AND GUTTER (TYP) PER COA STD DWG 2415A
- 2 UNIDIRECTIONAL ACCESSIBLE RAMP SEE DETAIL SHEET 13
- 3 6' CONCRETE SIDEWALK PER COA STD DWG 2430
- 4 FUTURE 6' CONCRETE SIDEWALK
- 5 6' VALLEY GUTTER PER COA STD DWG 2420
- 6 FUTURE STANDARD CURB AND GUTTER PER COA STD DWG 2415A
- 7 CONCRETE CUTOFF WALL PER COA STD DWG 2415C
- 8 8" HEADER CURB PER COA STD DWG 2415B
- 9 EXISTING CURB AND GUTTER AND SIDEWALK TO REMAIN
- 10 REMOVE \ REPLACE EXISTING ASPHALT AS REQUIRED
STA. 13+12 - WEST
- 11 TYPE III BARRICADE PER COA DWG.



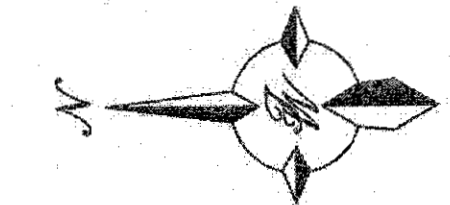
(TEMPORARY TURN AROUND
PAVING SECTION SAME AS
106TH STREET SECTION)

 <p>TIERRA WEST, LLC 5571 MIDWAY PARK PLACE NE ALBUQUERQUE, NEW MEXICO 87109 (505) 858-3100 www.tierrawestllc.com</p>		NO. DATE		DESIGNED BY DRAWN BY DRAWN NAME	
<p>CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP</p>					
<p>TITLE:</p>					
<p>SAFStar STORAGE SUNSET GARDENS ROAD IMPROVEMENTS 10+00 TO 12+93</p>					
DESIGN REVIEW COMMITTEE 		CITY ENGINEER APPROVAL 		LAST DESIGN UPDATE NO./DAY/YR. NO./DAY/YR. NO./DAY/YR. NO./DAY/YR. NO./DAY/YR.	
CITY PROJECT NO. 505291		ZONE MAP NO. L-8-Z		SHEET 6 OF 19	

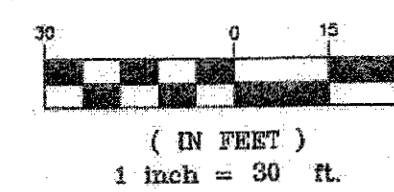


LEGEND

- CURB & GUTTER
- BOUNDARY LINE
- EXISTING CURB & GUTTER
- EXISTING BOUNDARY LINE
- CENTERLINE
- RIGHT-OF-WAY
- SIDEWALK

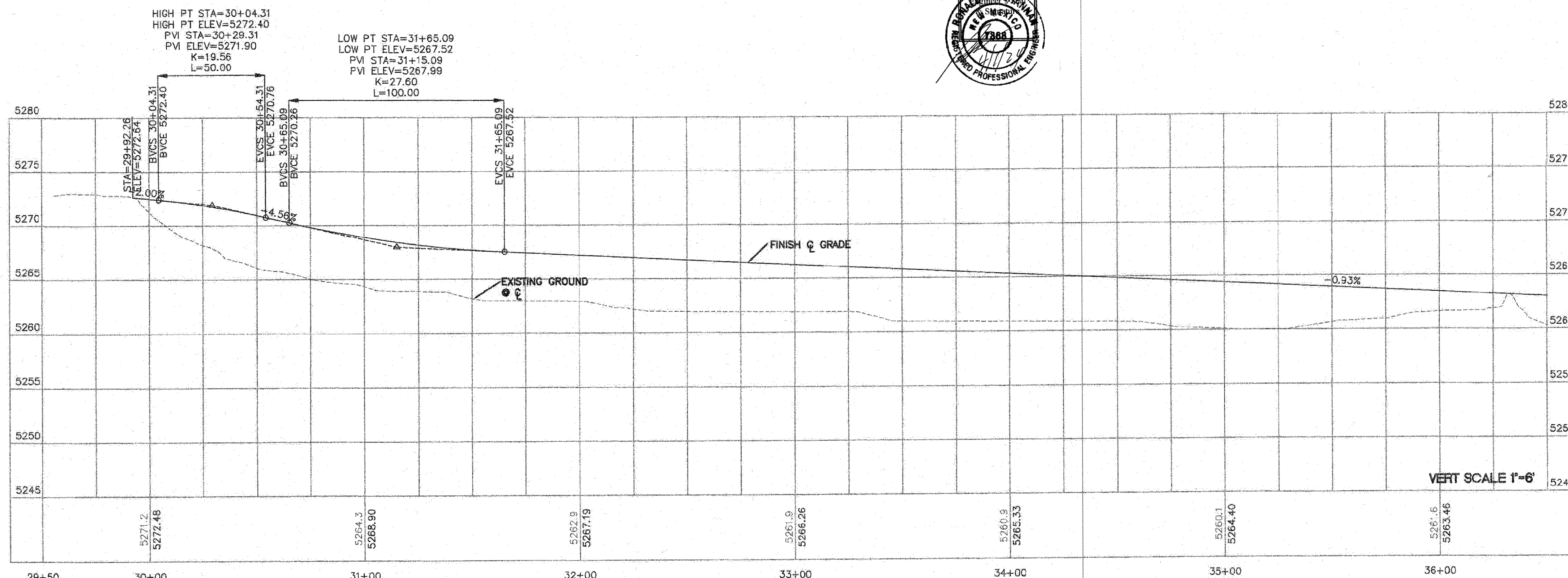


GRAPHIC SCALE



CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Ronald R. Bohannon, of the firm of Tierra West LLC, 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 on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction with survey information provided by Tim Aldrich, of Aldrich Land Surveying, NMPS number 7719.

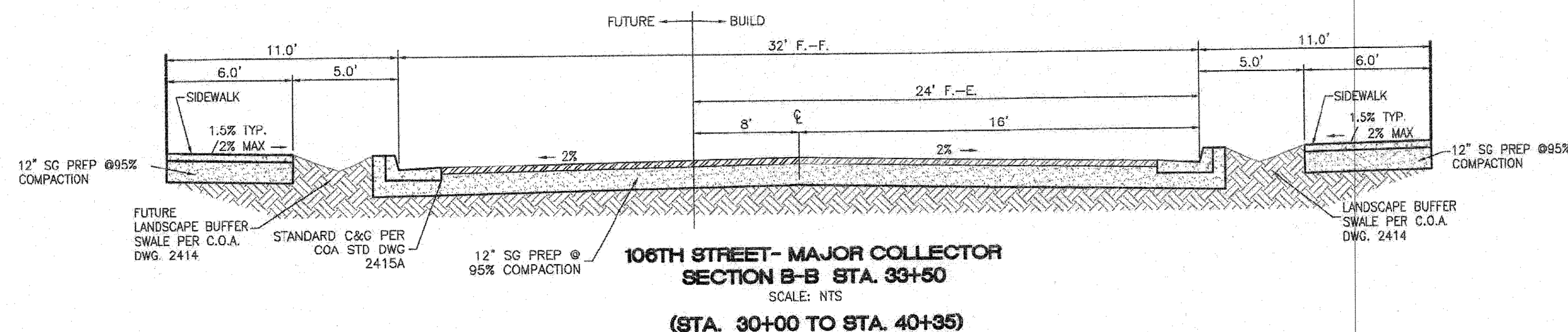


QUARTER POINTS

C1	FL	ELEV.	C2	FL	ELEV.
	A	5273.38		D	5271.86
	B	5272.79		E	5271.87
	C	5272.20		F	5271.88

C3	FL	ELEV.	C4	FL	ELEV.
	A	5266.82		D	5266.20
	B	5266.78		E	5266.08
	C	5266.74		F	5265.96

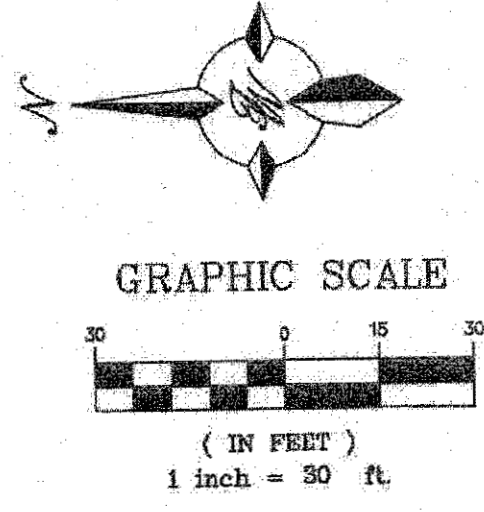
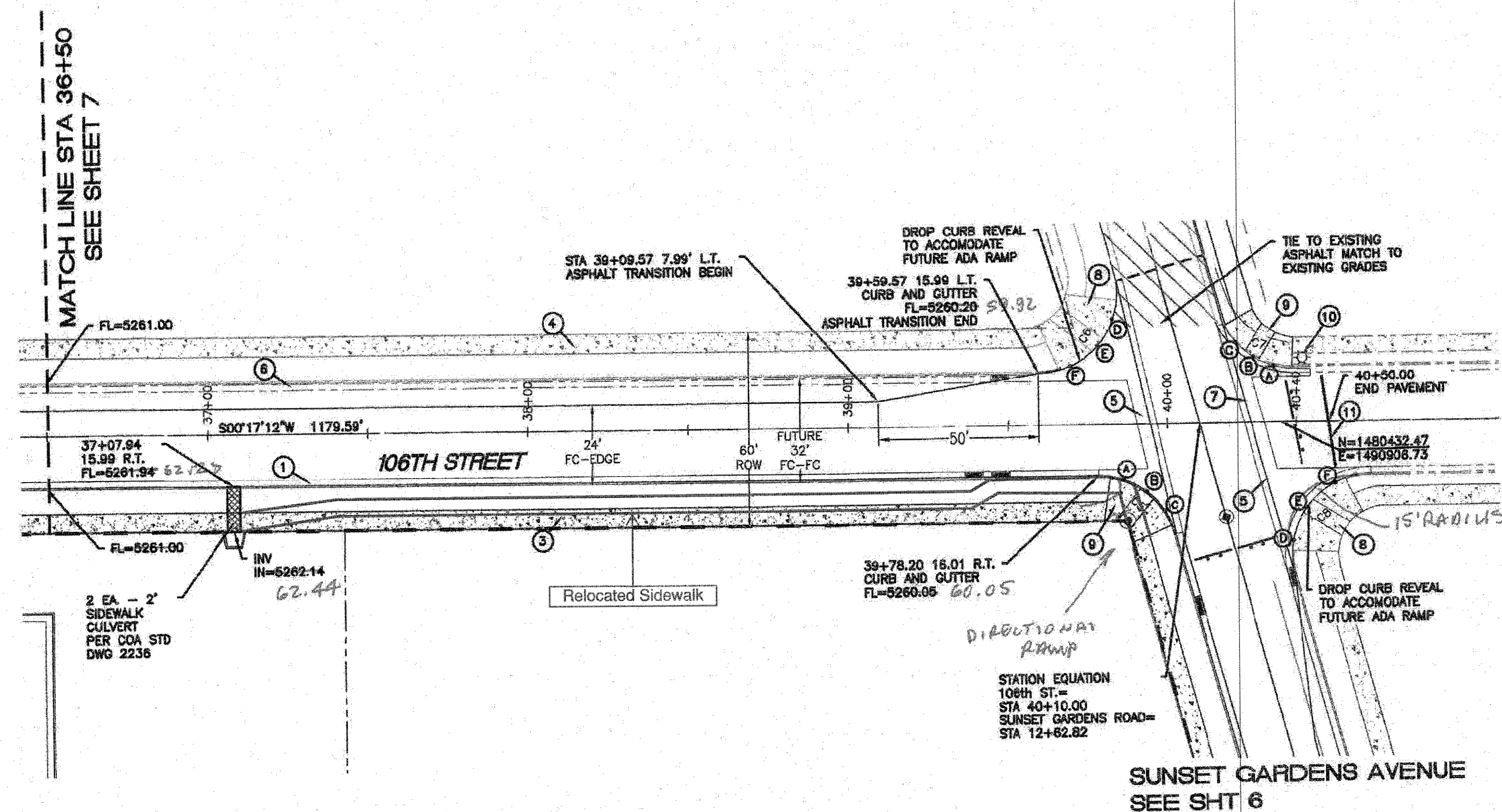
CURVE	DELTA	STATION	LENGTH
C1	103°22'12"	31.88	55.14
C2	79°51'32"	35.75	49.83
C3	90°01'30"	25.00	25.00
C4	79°13'30"	24.68	21.07



KEYED NOTES

- ① STANDARD CURB AND GUTTER (TYP) PER COA STD DWG 2415A
- ② UNIDIRECTIONAL ACCESSIBLE RAMP SEE DETAIL SHEET 15
- ③ 6" CONCRETE SIDEWALK PER COA STD DWG 2430
- ④ FUTURE 6" CONCRETE SIDEWALK
- ⑤ 6" VALLEY GUTTER PER COA STD DWG 2420
- ⑥ FUTURE STANDARD CURB AND GUTTER
- ⑦ 2EA - 2FT. SIDEWALK CULVERTS PER COA STD DWG 2236
- ⑧ WHEEL CHAIR RAMP PER DETAIL SHEET 15
- ⑨ STREET LIGHT

TIERRA WEST, LLC 5571 MIDWAY PARK PLACE NE ALBUQUERQUE, NEW MEXICO 87109 (505) 858-3100 www.tierrawestllc.com	
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP	
TITLE: SAFStor STORAGE 106TH STREET ROAD IMPROVEMENTS 30+00 TO 36+00	
DESIGN REVIEW COMMITTEE APPROVED Mar. 13, 2023 DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL APPROVED Apr. 19, 2023 CITY ENGINEER
CITY PROJECT NO. 505291	SHEET 7 OF 19

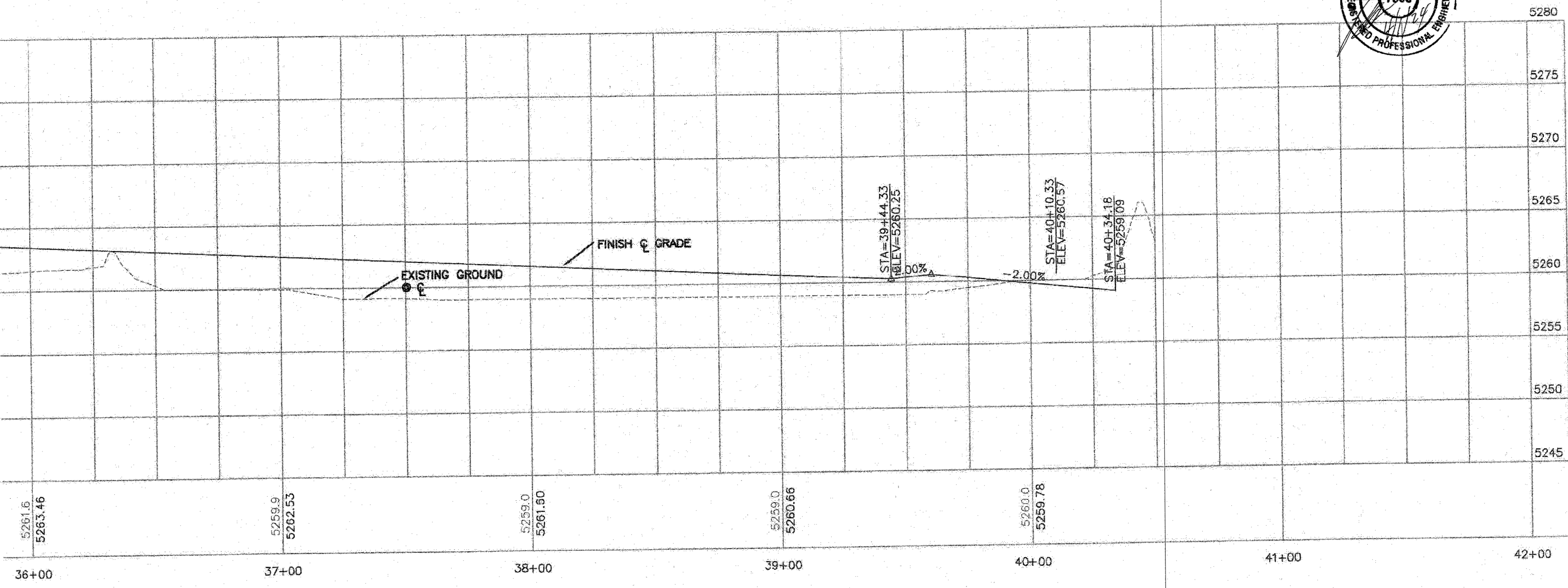


- KEYED NOTES**
- 1 STANDARD CURB AND GUTTER (TYP) PER COA STD DWG 2415A
 - 2 UNIDIRECTIONAL ACCESSIBLE RAMP SEE DETAIL SHEET 15
 - 3 6" CONCRETE SIDEWALK PER COA STD DWG 2430
 - 4 FUTURE 6" CONCRETE SIDEWALK
 - 5 6" VALLEY GUTTER PER COA STD DWG 2420
 - 6 FUTURE STANDARD CURB AND GUTTER
 - 7 EXISTING 6" VALLEY GUTTER TO BE REMOVED AND REPLACED
 - 8 FUTURE WHEEL CHAIR RAMP
 - 9 WHEEL CHAIR RAMP PER DETAIL SHEET 15
 - 10 EXISTING STREET LIGHT TO REMAIN
 - 11 CONCRETE CUTOFF WALL PER COA STD DWG 2415C

- LEGEND**
- CURB & GUTTER
 - BOUNDARY LINE
 - EXISTING CURB & GUTTER
 - EXISTING BOUNDARY LINE
 - CENTERLINE
 - RIGHT-OF-WAY
 - SIDEWALK

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Ronald R. Bohannon, of the firm of Tierra West LLC, 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 on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction with survey information provided by Tim Aldrich, of Aldrich Land Surveying, NMPS number 7719.



NOTE:
1. SEE SHEET 7 FOR TYPICAL ROADWAY SECTION B-B

TIERRA WEST, LLC 5571 MIDWAY PARK PLACE NE ALBUQUERQUE, NEW MEXICO 87109 (505) 858-3100 www.tierrawestllc.com	
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP	
TITLE: SAFStor STORAGE 106TH STREET ROAD IMPROVEMENTS 36+00 TO 40+35	
DESIGN REVIEW COMMITTEE APPROVED Mar. 13, 2023 DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL APPROVED Apr. 19, 2023 CITY ENGINEER
CITY PROJECT NO. 505291	ZONE MAP NO. L-8-Z
SHEET 8 OF 19	

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	AGRS MONUMENT	DATE	NO.	BY	NO.	BY
STANDARD	DATE	STANDARD C.O.A. ALUMINUM DISC	DATE				
INSPECTED BY	DATE	NEW MEXICO STATE PLANE COORDINATES	DATE				
FIELD	DATE	(CENTRAL ZONE - N.A.D. 1983)	DATE				
VERIFICATION BY	DATE	N=1,480,775.091	DATE				
CORRECTED BY	DATE	E=1,466,604.908	DATE				
MICRO-FILM INFORMATION	DATE	PUBLISHED EL=541.511 (NAVD 1989)	DATE				
RECORDED BY	DATE	GROUND TO GRID FACTOR=0.99972027	DATE				
NO.		DELTA ALPHA ANGLE=-017°43.24"					

REMARKS

DESIGN

DESIGNED BY: VC

DRAWN BY: RMG

DRAWN NAME:

CHECKED BY: RRB

DATE: 01-17-2023

DATE: 01-17-2023

JOB NO: 2021064

DATE: 01-17-2023

KEYED NOTES

- STANDARD CURB AND GUTTER (TYP) PER COA STD DWG 2415A
- WHEEL CHAIR RAMP SEE DETAIL SHEET 15
- 6" CONCRETE SIDEWALK PER COA STD DWG 2430
- FUTURE 6" CONCRETE SIDEWALK
- 6" VALLEY GUTTER PER COA STD DWG 2420
- FUTURE STANDARD CURB AND GUTTER

LEGEND

- CURB & GUTTER
- BOUNDARY LINE
- EXISTING CURB & GUTTER
- EXISTING BOUNDARY LINE
- CENTERLINE
- RIGHT-OF-WAY
- SIDEWALK

QUARTER POINTS

C1	FL	ELEV.	C2	FL	ELEV.
A	5273.38		D	5271.86	
B	5272.79		E	5271.87	
C	5272.20		F	5271.88	

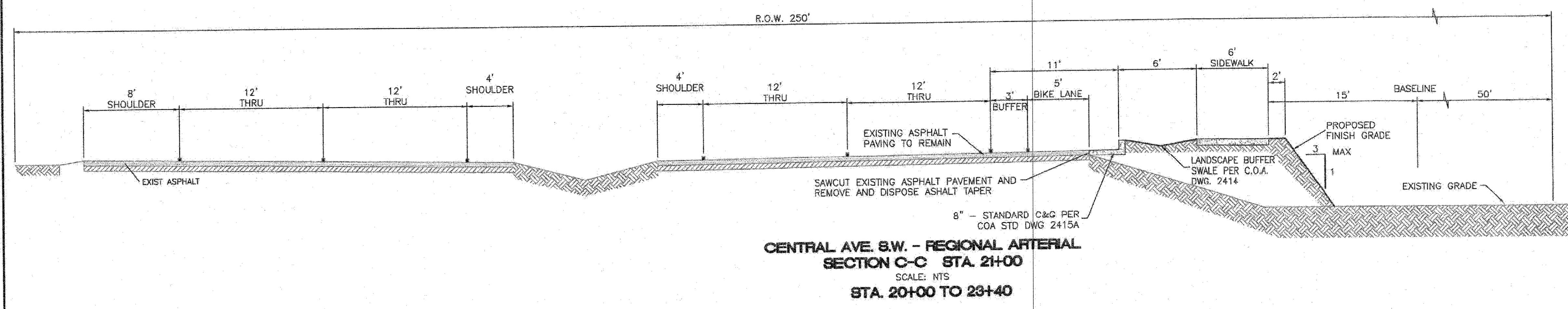
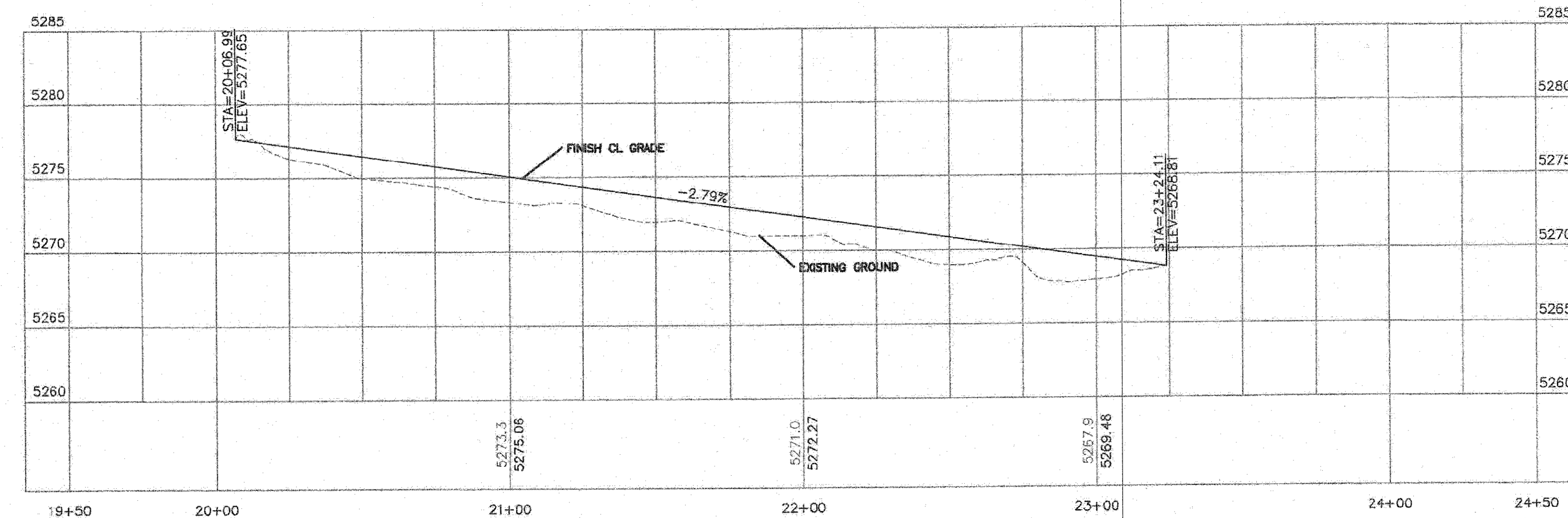
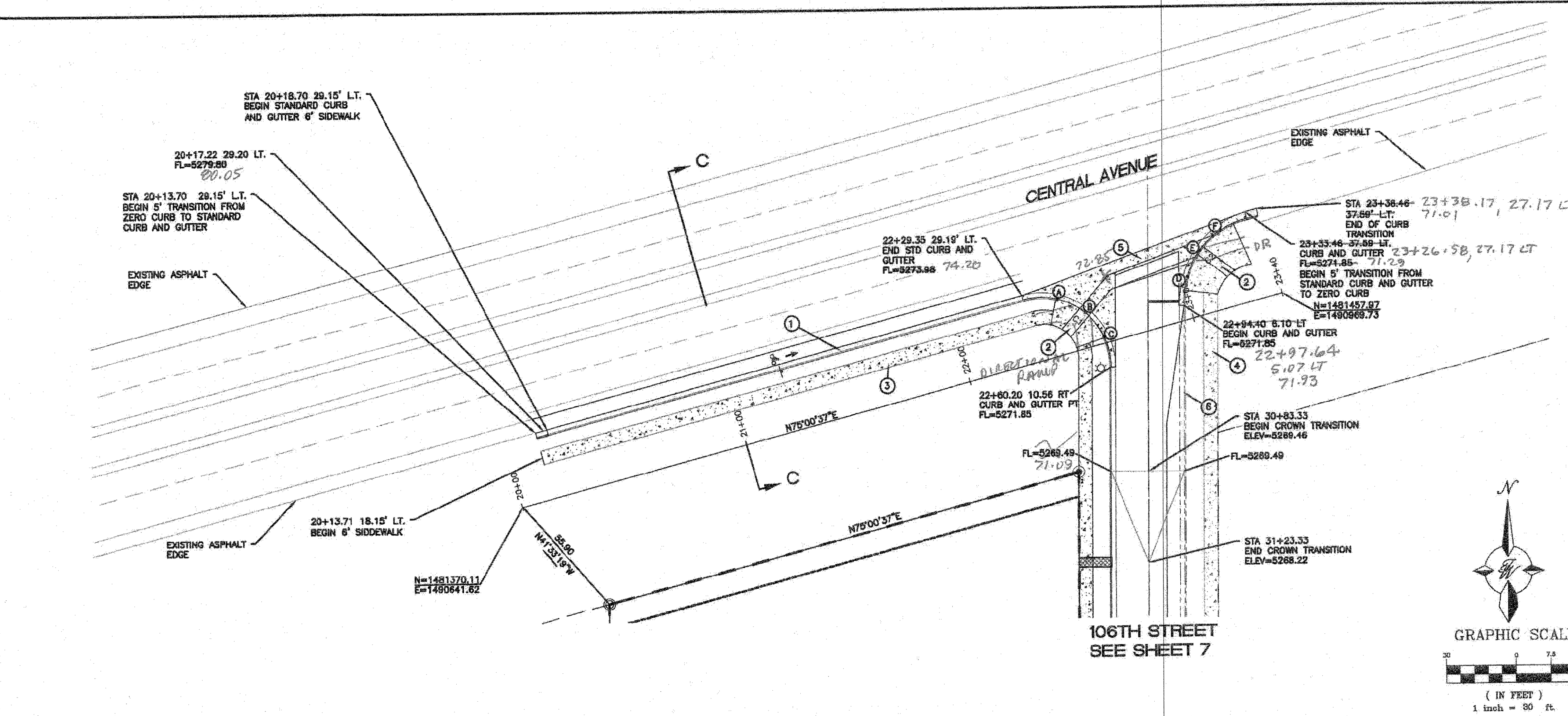
CURVE	DATA	RADIUS	LENGTH
C1	108°22'10"	25.04	55.19
C2	78°51'27"	35.75	49.63

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Ronald R. Bohannon, of the firm of Tierra West LLC, 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 on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction with survey information provided by Tim Aldrich, of Aldrich Land Surveying, NMPS number 7719.



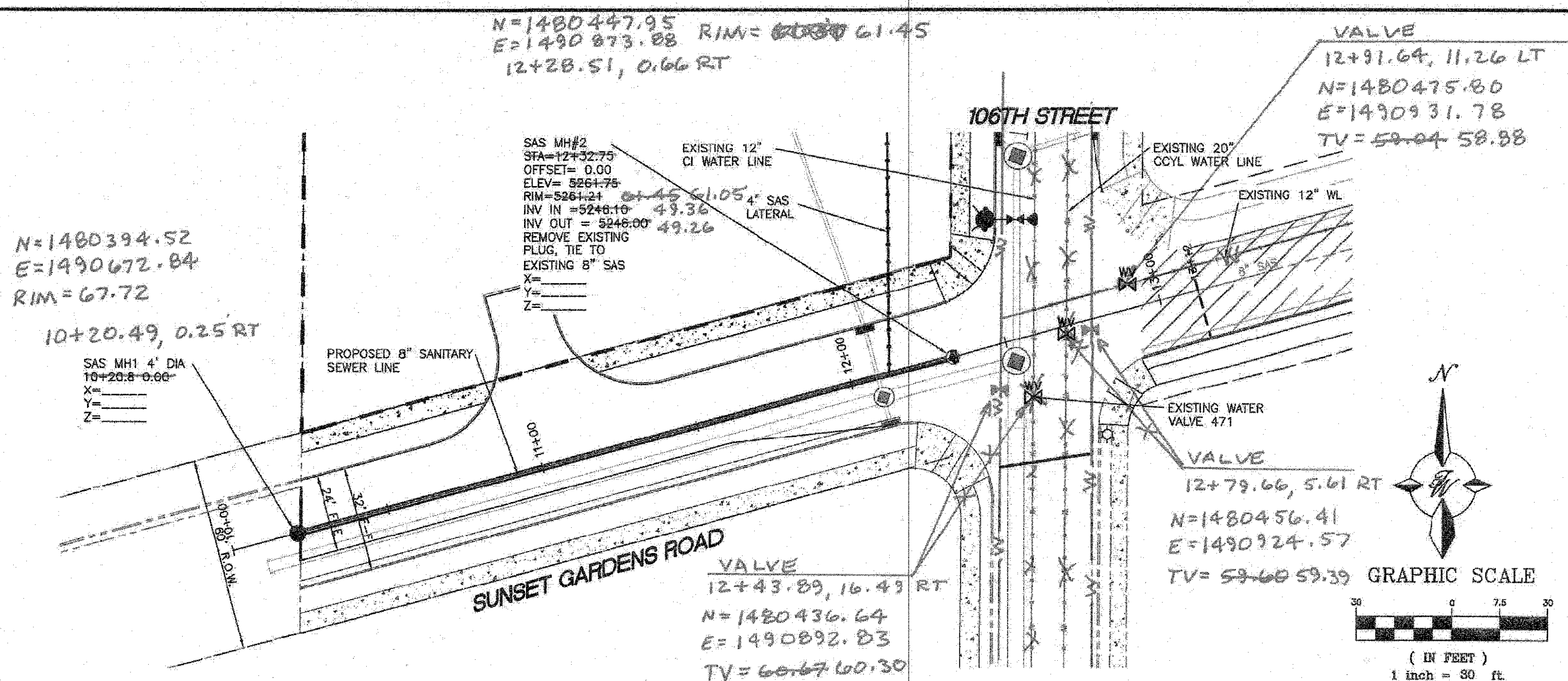
AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	STANDARD C.O.A. ALUMINUM DISC	DATE	FIELD BY	DATE	REMARKS	DESIGN
INSPECTOR	DATE	NEW MEXICO STATE PLANE COORDINATES	DATE	NO.	DATE	NO.	NO.
VERIFICATION BY	DATE	(CENTRAL ZONE - N.A.D. 1983)	DATE		DATE	DATE	DATE
CORRECTED BY	DATE	N=1480,475.091	DATE		DATE	DATE	DATE
MICRO-FILM INFORMATION	DATE	E=1486,804.908	DATE		DATE	DATE	DATE
RECORDED BY	DATE	PUBLISHED EL=6415.511 (NAD 1983)	DATE		DATE	DATE	DATE
NO.		GROUND TO GRID FACTOR=0.99967027	DATE		DATE	DATE	DATE
		DELTA ALPHA ANGLE=077°43.24"	DATE		DATE	DATE	DATE



TIERRA WEST, LLC 5571 MIDWAY PARK PLACE NE ALBUQUERQUE, NEW MEXICO 87109 (505) 858-3100 www.tierrawestllc.com	
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP	
TITLE: CENTRAL AVENUE ROAD IMPROVEMENTS 20+00 TO 23+40	
DESIGN REVIEW COMMITTEE APPROVED Mar. 13, 2023 DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL APPROVED Apr. 19, 2023 CITY ENGINEER
CITY PROJECT NO. 505291	ZONE MAP NO. L-8-Z
SHEET 9	OF 19

NOTES

1. WL SERVICE AND METERS PER COA STD DWG 2301, 2361, 2363 AND 2367
2. FIRE HYDRANT AND VALVES PER COA STD DWG 2326, 2328 AND 2340
3. SAS CONNECTION PER COA STD DWG 2126
4. FIRELINE TIES PER COA STD DWG 2301, 2326, 2328 AND 2364
5. TRENCH SECTION PER COA STD DWG 2315
6. BACKFLOW PREVENTER ON ALL DOMESTIC WATER LINES (FOR INFORMATION ONLY)
7. MANHOLE PER COA STD DWG 2102
8. ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING. EXISTING VALVES AND MANHOLES SHALL NOT BE BURIED OR PAVED OVER BUT RIMS SHALL BE ADJUSTED TO MATCH NEW GRADE PER COA STANDARD DRAWINGS 2460 AND 2461.
9. MANHOLE RIMS, FIRE HYDRANT ELEVATIONS, AND FLANGE ELEVATIONS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY AND ADJUST TO FINAL PAVEMENT OR SURFACE GRADES.
10. REFERENCE WATER & SANITARY SEWER AVAILABILITY STATEMENT #210829 DATED 9/27/21
11. PROPOSED WATERLINE MATERIALS SHALL BE PVC PIPE MEETING AWWA C-900; DR18 REQUIREMENTS (6" - 12") OR DUCTILE IRON PIPE MEETING AWWA C-150 REQUIREMENTS (6" - 48").
12. ALL WATERLINE FITTINGS, VALVES, BENDS, TEES, CROSSES AND APPURTENANCES SHALL HAVE RESTRAINED JOINTS UNLESS OTHERWISE NOTED ON THE PLANS. THE JOINT RESTRAINT REQUIREMENTS SHOULD BE DELINEATED WITHIN A JOINT RESTRAINT TABLE.
13. ALL SANITARY SEWER LINE STATIONING REFERS TO SANITARY SEWER CENTERLINE STATIONING. EXCEPT WHEN PROFILED WITHIN A PROPOSED OR EXISTING STREET, WHERE STREET STATIONING SHALL GOVERN.
14. ALL FINAL BACKFILL FOR TRENCHES SHALL BE COMPACTED TO A MINIMUM OF 95% MAXIMUM DENSITY PER ASTM D-1557 AND AS DIRECTED BY STANDARD SPECIFICATIONS SECTION 701.14.2 AND STANDARD DRAWING NUMBER 2465.
15. ELECTRONIC MARKER SPHERES (EMS) WILL BE PLACED ACCORDING TO ABCWUA SPECIFICATIONS.
16. CONTRACTOR SHALL INSTALL A 4" X 4" X 5' POST AND EMS AT THE END OF EACH SANITARY SEWER SERVICE.
17. CONTRACTOR SHALL PROVIDE THE PROPOSED HYDRO TESTING PLANS TO THE ABCWUA INSPECTIONS FOR APPROVAL PRIOR TO BEGINNING TESTING OPERATIONS.
18. AT UTILITY CROSSINGS, WHERE LESS THAN 18" OF VERTICAL SEPARATION FROM STORM DRAIN PIPING OR STRUCTURES IS PROPOSED, LEAN FILL CONSTRUCTED (PER SECTION 207 OF THE STANDARD SPECIFICATIONS) SHALL BE USED TO PROTECT THE WATER OR SEWER LINE. LEAN FILL SHALL EXTEND A PERPENDICULAR DISTANCE OF 5 FEET ON EACH SIDE OF THE STORM PIPE OR STRUCTURE.
19. ALL WORK PERFORMED ON PRIVATELY OWNED SEWER LINE AND SERVICE LINES MUST BE INSPECTED BY THE CITY OF ALBUQUERQUE'S CODE ADMINISTRATION DIVISION. IN ORDER THAT INSPECTION BY THE PLANNING DEPARTMENT, CODE ADMINISTRATION DIVISION, PLUMBING SECTION CAN BE EFFICIENTLY HANDLED, WITH A MINIMUM LOSS OF TIME TO CONTRACTOR, THE FOLLOWING SHALL BE NOTED: INSPECTION ARRANGEMENTS FOR A SEWER SERVICE LINE SHALL BE MADE BY THE CONTRACTOR CALLING THE CITY OF ALBUQUERQUE, CODE ADMINISTRATION DIVISION, PLUMBING SECTION. INSPECTION REQUESTS CALLED IN BETWEEN THE HOURS OF 8:00 AM AND 12:00 NOON WILL BE INSPECTED THE SAME AFTERNOON. INSPECTION REQUESTS CALLED IN BETWEEN THE HOURS OF 1:00 PM AND 5:00 PM WILL BE INSPECTED THE FOLLOWING MORNING, EXCEPT IN CASE OF EMERGENCY.



LEGEND

- CURB & GUTTER
- BOUNDARY LINE
- EASEMENT
- CENTERLINE
- RIGHT-OF-WAY
- BUILDING
- SIDEWALK
- EXISTING CURB & GUTTER
- EXISTING BOUNDARY LINE
- RETAINING WALL
- 8" SAS
- 8" WL
- NEW SANITARY SEWER LINE
- NEW WATERLINE
- PROPOSED HYDRANT
- NEW SAS MH
- NEW WATER METER
- NEW AC ASPHALT
- EXIST SANITARY SEWER LINE
- EXIST WATERLINE
- NEW SD MH
- 36" SD
- STORM SEWER LINE

NOTES:

1. ALL EXISTING UTILITY CONNECTION LOCATIONS AND INVERTS MUST BE FIELD VERIFIED PRIOR TO CONSTRUCTION OF UTILITIES.
2. ALL EXCAVATION, TRENCHING AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.
3. ALL WATERLINES ARE C900 PVC (DR18) UNLESS OTHERWISE NOTED.
4. ALL SANITARY SEWER LINES ARE TO BE PVC SDR35 UNLESS OTHERWISE NOTED.
5. ADJUST EXISTING WATER VALVES TO GRADE

GENERAL UTILITY NOTES:

1. 3" MINIMUM BURY REQUIRED FOR ALL UTILITIES UNLESS OTHERWISE NOTED.
2. IRRIGATION AND DOMESTIC WATERLINE MUST HAVE BACKFLOW PREVENTORS PER UPC. IF BACKFLOW PREVENTOR IS INSTALLED EXTERIOR OF BUILDING A HOT BOX SHALL BE INSTALLED AND USED (PRIVATE, NOT PART OF WORK ORDER)
3. ALL EXCAVATION, TRENCHING AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Ronald R. Bohannon, of the firm of Tierra West LLC, 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 on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction with survey information provided by Tim Aldrich, of Aldrich Land Surveying, NMPS number 7719.



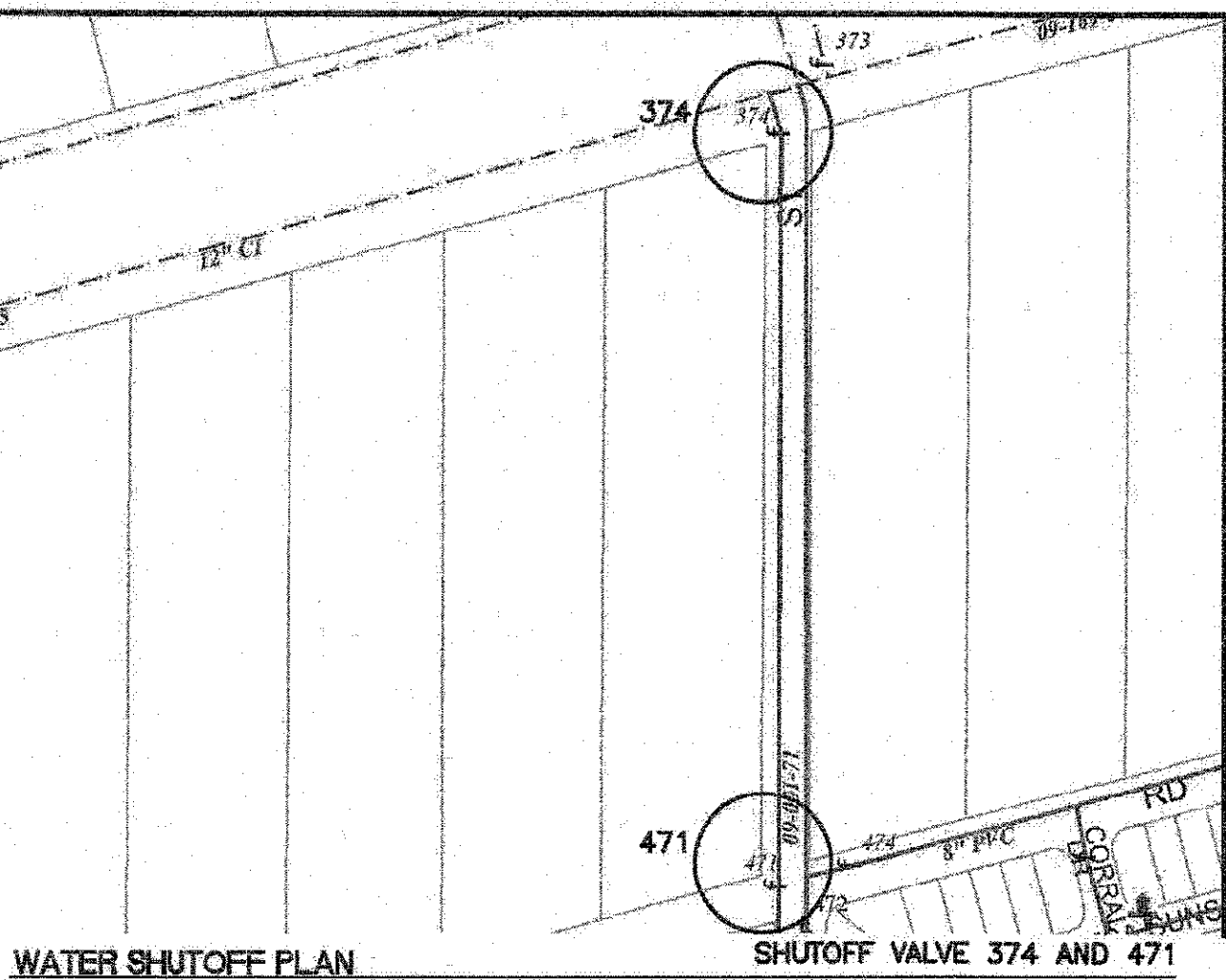
TIERRA WEST, LLC
5571 MIDWAY PARK PLACE NE
ALBUQUERQUE, NEW MEXICO 87109
(505) 858-3100
www.tierrawestllc.com

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **SAFStor STORAGE**
SUNSET GARDENS UTILITY IMPROVEMENTS 10+00 TO 12+93

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
APPROVED Mar. 13, 2023 DESIGN REVIEW COMMITTEE	APPROVED Apr. 19, 2023 CITY ENGINEER		

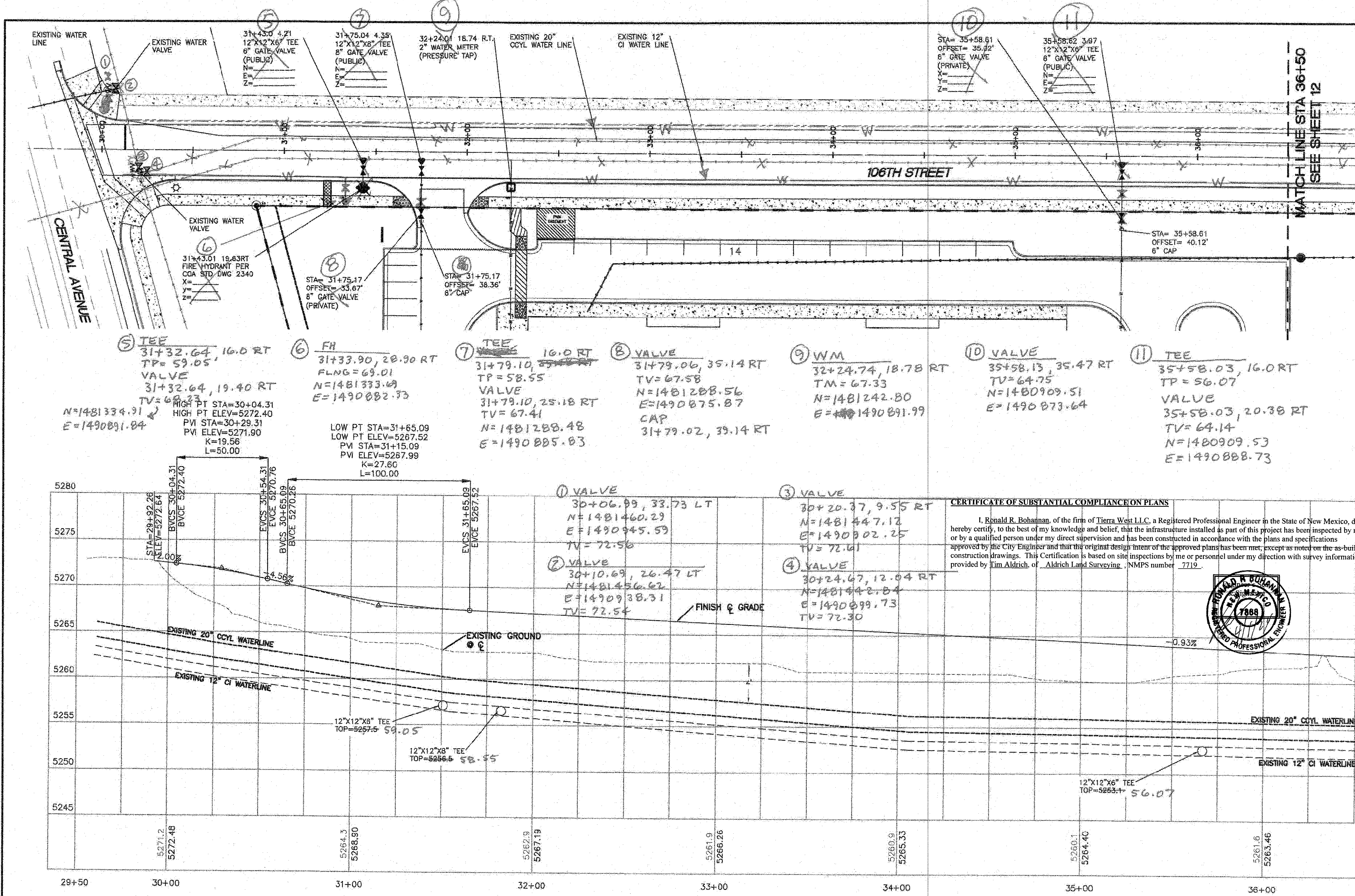
CITY PROJECT NO. 505291 ZONE MAP NO. L-8-Z SHEET 10 OF 19



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 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://ABCWUA.ORG/CONTENT/VIEW/463/729/](http://abcwua.org/content/view/full/463/729/)

CAUTION

ALL EXISTING UTILITIES SHOWN WERE OBTAINED FROM RESEARCH, AS-BUILTS, SURVEYS OR INFORMATION PROVIDED BY OTHERS. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO AND INCLUDING ANY EXCAVATION, TO DETERMINE THE ACTUAL LOCATION OF UTILITIES AND OTHER IMPROVEMENTS, PRIOR TO STARTING THE WORK. ANY CHANGES FROM THIS PLAN SHALL BE COORDINATED WITH AND APPROVED BY THE ENGINEER.

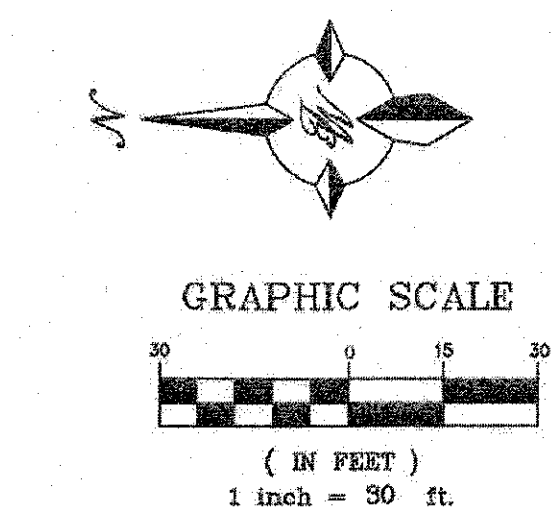


LEGEND

	CURB & GUTTER
	BOUNDARY LINE
	EASEMENT
	CENTERLINE
	RIGHT-OF-WAY
	BUILDING
	SIDEWALK
	EXISTING CURB & GUTTER
	EXISTING BOUNDARY LINE
	RETAINING WALL
	NEW SANITARY SEWER LINE
	NEW WATERLINE
	PROPOSED HYDRANT
	NEW SAS MH
	NEW WATER METER
	NEW AC ASPHALT
	EXIST SANITARY SEWER LINE
	EXIST WATERLINE
	NEW SD MH
	STORM SEWER LINE

- NOTES:**
1. ALL EXISTING UTILITY CONNECTION LOCATIONS AND INVERTS MUST BE FIELD VERIFIED PRIOR TO CONSTRUCTION OF UTILITIES.
 2. ALL EXCAVATION, TRENCHING AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.
 3. ALL WATERLINES ARE C900 PVC (DR18) UNLESS OTHERWISE NOTED.
 4. ALL SANITARY SEWER LINES ARE TO BE SDR35 UNLESS OTHERWISE NOTED.

- GENERAL UTILITY NOTES:**
1. 3' MINIMUM BURY REQUIRED FOR ALL UTILITIES UNLESS OTHERWISE NOTED.
 2. IRRIGATION AND DOMESTIC WATERLINE MUST HAVE BACKFLOW PREVENTORS PER URC. IF BACKFLOW PREVENTOR IS INSTALLED EXTERIOR OF BUILDING A HOT BOX SHALL BE INSTALLED AND USED.(PRIVATE, NOT PART OF WORK ORDER)
 3. ALL EXCAVATION, TRENCHING AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.



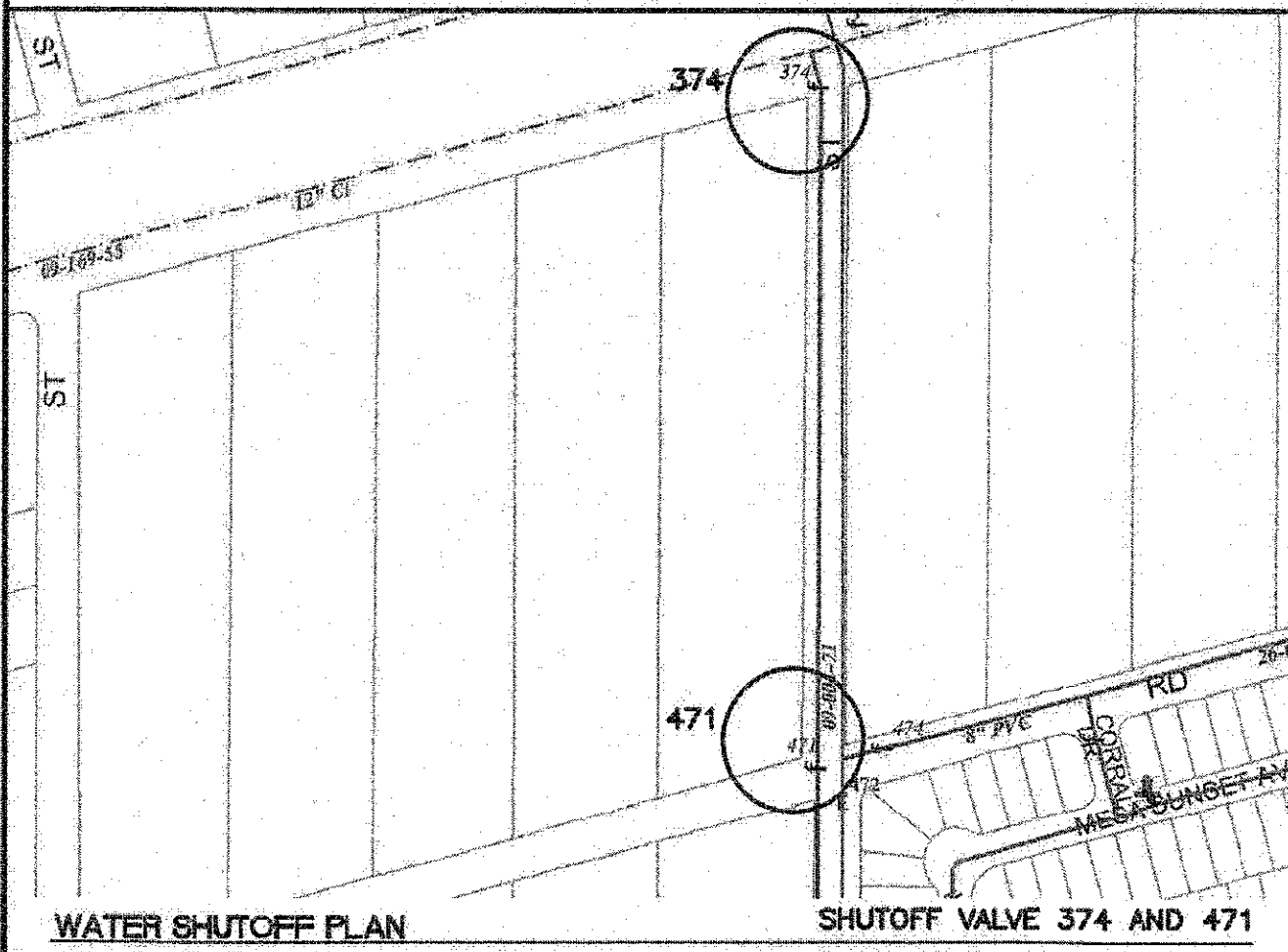
CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Ronald R. Bohannan, of the firm of Tierra West LLC, 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 on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction with survey information provided by Tim Aldrich, of Aldrich Land Surveying, NMPS number 7719.



- NOTES**
1. WL SERVICE AND METERS PER COA STD DWG 2301, 2361, 2363 AND 2367
 2. FIRE HYDRANT AND VALVES PER COA STD DWG 2326, 2328 AND 2340
 3. SAS CONNECTION PER COA STD DWG 2125
 4. FIRELINE TIES PER COA STD DWG 2301, 2326, 2329 AND 2394
 5. TRENCH SECTION PER COA STD DWG 2316
 6. BACKFLOW PREVENTOR ON ALL DOMESTIC WATER LINES(FOR INFORMATION ONLY)
 7. MANHOLE PER COA STD DWG 2102
 8. ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING. EXISTING VALVES AND MANHOLES SHALL NOT BE BURIED OR PAVED OVER BUT RIMS SHALL BE ADJUSTED TO MATCH NEW GRADE PER COA STANDARD DRAWINGS 2460 AND 2461.
 9. MANHOLE RIMS, FIRE HYDRANT ELEVATIONS, AND FLANGE ELEVATIONS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY AND ADJUST TO FINAL PAVEMENT OR SURFACE GRADES.
 10. PROPOSED WATERLINE MATERIALS SHALL BE PVC PIPE MEETING AWWA C-900: DR18 REQUIREMENTS (8" - 12") OR DUCTILE IRON PIPE MEETING AWWA C-150 REQUIREMENTS (8" - 48").
 11. ALL WATERLINE FITTINGS, VALVES, BENDS, TEES, CROSSES AND APPURTENANCES SHALL HAVE RESTRAINED JOINTS UNLESS OTHERWISE NOTED ON THE PLANS. THE JOINT RESTRAINT REQUIREMENTS SHOULD BE DELINEATED WITHIN A JOINT RESTRAINT TABLE.
 12. ALL SANITARY SEWER LINE STATIONING REFERS TO SANITARY SEWER CENTERLINE STATIONING. EXCEPT WHEN PROFILED WITHIN A PROPOSED OR EXISTING STREET, WHERE STREET STATIONING SHALL GOVERN.
 13. ALL FINAL BACKFILL FOR TRENCHES SHALL BE COMPACTED TO A MINIMUM OF 95% MAXIMUM DENSITY PER ASTM D-1557 AND AS DIRECTED BY STANDARD SPECIFICATIONS SECTION 701.14.2 AND STANDARD DRAWING NUMBER 2460.

14. ELECTRONIC MARKER SPHERES (EMS) WILL BE PLACED ACCORDING TO ABCWA SPECIFICATIONS.
15. CONTRACTOR SHALL INSTALL A 4" X 4" X 5' POST AND EMS AT THE END OF EACH SANITARY SEWER SERVICE.
16. CONTRACTOR SHALL PROVIDE THE PROPOSED HYDRO TESTING PLANS TO THE ABCWA INSPECTIONS FOR APPROVAL PRIOR TO BEGINNING TESTING OPERATIONS.
17. AT UTILITY CROSSINGS, WHERE LESS THAN 18" OF VERTICAL SEPARATION FROM STORM DRAIN PIPING OR STRUCTURES IS PROPOSED, LEAN FILL CONSTRUCTED (PER SECTION 207 OF THE STANDARD SPECIFICATIONS) SHALL BE USED TO PROTECT THE WATER OR SEWER LINE. LEAN FILL SHALL EXTEND A PERPENDICULAR DISTANCE OF 5 FEET ON EACH SIDE OF THE STORM PIPE OR STRUCTURE.
18. ALL WORK PERFORMED ON PRIVATELY OWNED SEWER LINE AND SERVICE LINES MUST BE INSPECTED BY THE CITY OF ALBUQUERQUE'S CODE ADMINISTRATION DIVISION. IN ORDER THAT INSPECTION BY THE PLUMBING DEPARTMENT, CODE ADMINISTRATION DIVISION, PLUMBING SECTION CAN BE EFFICIENTLY HANDLED, WITH A MINIMUM LOSS OF TIME TO CONTRACTOR, THE FOLLOWING SHALL BE NOTED: INSPECTION ARRANGEMENTS FOR A SEWER SERVICE LINE SHALL BE MADE BY THE CONTRACTOR CALLING THE CITY OF ALBUQUERQUE, CODE ADMINISTRATION DIVISION, PLUMBING SECTION. INSPECTION REQUESTS CALLED IN BETWEEN THE HOURS OF 8:00 AM AND 12:00 NOON WILL BE INSPECTED THE SAME AFTERNOON. INSPECTION REQUESTS CALLED IN BETWEEN THE HOURS OF 1:00 PM AND 5:00 PM WILL BE INSPECTED THE FOLLOWING MORNING, EXCEPT IN CASE OF EMERGENCY.
19. RESTRICT COMPACTION EQUIPMENT TO 10-TON NON-VIBRATORY ROLLER MAXIMUM. IF DEPTH OF COVER FROM TOP OF PIPE TO SURFACE IS LESS THAN 4 FEET WITHIN 10 FEET EACH SIDE OF THE CONCRETE CYLINDER PIPE. THIS INCLUDES SETTLEMENT MONITORING, VIBRATION MONITORING, AND ANY FOTHOLOG NECESSARY TO ENSURE CONSTRUCTION ACTIVITIES DO NOT DAMAGE THE CCYL WATERLINE. ANY DAMAGE TO THE WUA CCYL WATERLINE SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF CONTRACTOR.



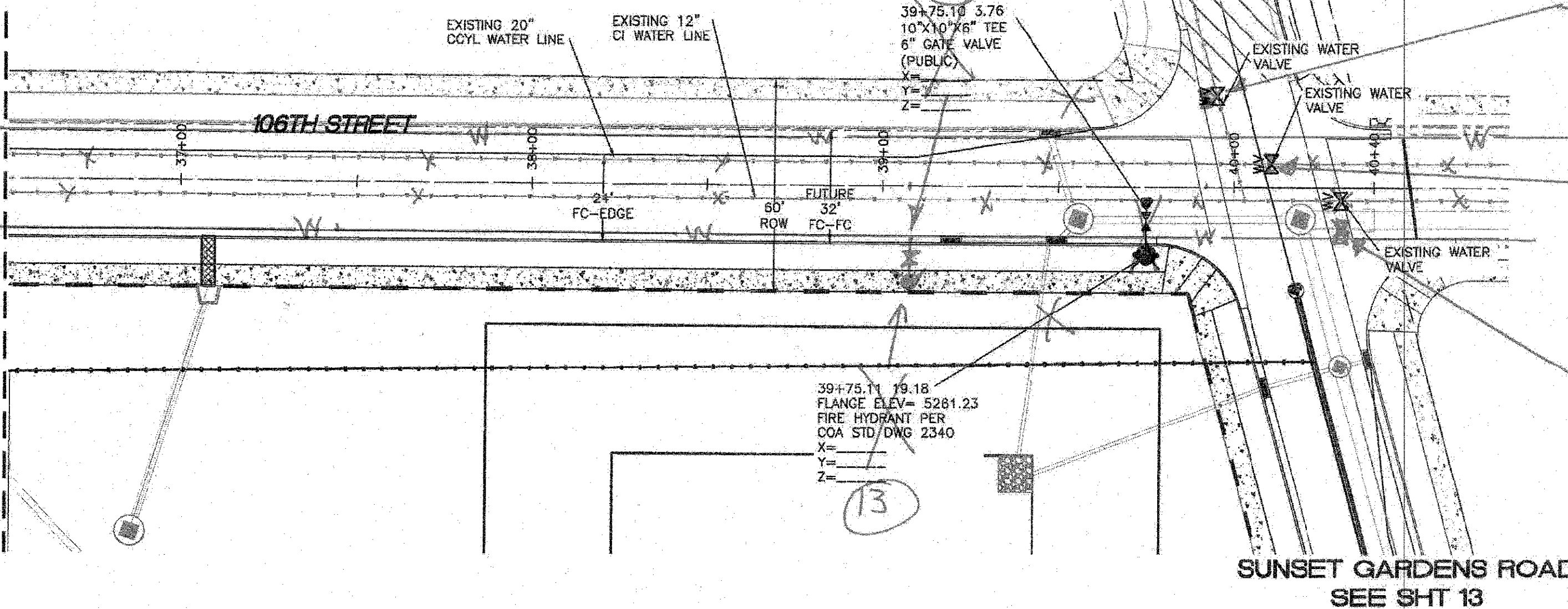
THE CONTRACTOR SHALL COORDINATE WITH THE WATER AUTHORITY SEVEN (7) DAYS IN ADVANCE OF PERFORMING WORK THAT WILL AFFECT THE PUBLIC WATER OR SANITARY SEWER INFRASTRUCTURE. WORK REQUIRING SHUTOFF OF FACILITIES DESIGNATED AS MASTER PLAN FACILITIES MUST BE COORDINATED WITH THE WATER AUTHORITY 14 DAYS IN ADVANCE OF PERFORMING SUCH WORK. ONLY WATER AUTHORITY CREWS ARE AUTHORIZED TO OPERATE PUBLIC VALVES. SHUTOFF REQUESTS MUST BE MADE ONLINE AT [HTTP://ABCWUA.ORG/CONTENT/VIEW/729/](http://abcwua.org/content/view/full/729/).

CAUTION

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<p>TIERRA WEST, LLC 5571 MIDWAY PARK PLACE NE ALBUQUERQUE, NEW MEXICO 87109 (505) 858-3100 www.tierrawestllc.com</p>	
<p>CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP</p>	
<p>TITLE: SAFSTOR STORAGE 106TH STREET UTILITY IMPROVEMENTS 30+00 TO 36+00</p>	
<p>DESIGN REVIEW COMMITTEE CITY PROJECT NO. 505291</p>	<p>CITY ENGINEER APPROVAL CITY ENGINEER</p>
<p>MO./DAY/YR. LAST DESIGN UPDATE</p>	<p>MO./DAY/YR. SHEET 11 OF 19</p>
<p>CITY MAP NO. L-8-Z</p>	<p>ZONE MAP NO. L-8-Z</p>

MATCH LINE STA 36+50
SEE SHEET 11



VALVE
39+91.54, 24.83 LT
TV=59.68 58.88
N=1480 475.80
E=1490931.78

VALVE
40+10.96, 17.73 LT
TV=59.68 59.39
N=1480 456.41
E=1490924.57

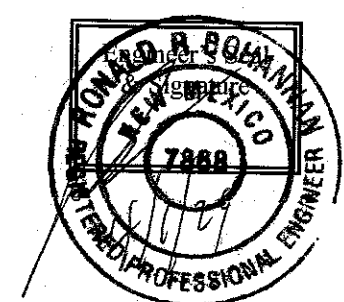
VALVE
40+30.89, 13.91 RT
TV=60.67 60.30
N=1480 436.64
E=1490 892.83

LEGEND

- CURB & GUTTER
- BOUNDARY LINE
- EASEMENT
- CENTERLINE
- RIGHT-OF-WAY
- BUILDING
- SIDEWALK
- EXISTING CURB & GUTTER
- EXISTING BOUNDARY LINE
- RETAINING WALL
- NEW SANITARY SEWER LINE
- NEW WATERLINE
- PROPOSED HYDRANT
- NEW SAS MH
- NEW WATER METER
- NEW AC ASPHALT
- EXIST SANITARY SEWER LINE
- EXIST WATERLINE
- NEW SD MH
- STORM SEWER LINE

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Ronald R. Bohannon, of the firm of Tierra West LLC, 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 on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction with survey information provided by Tim Aldrich, of Aldrich Land Surveying, NMPS number 7719.



NOTES:

1. ALL EXISTING UTILITY CONNECTION LOCATIONS AND INVERTS MUST BE FIELD VERIFIED PRIOR TO CONSTRUCTION OF UTILITIES.
2. ALL EXCAVATION, TRENCHING AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.
3. ALL WATERLINES ARE C900 PVC (DR18) UNLESS OTHERWISE NOTED.
4. ALL SANITARY SEWER LINES ARE TO BE SDR35 UNLESS OTHERWISE NOTED.

GENERAL UTILITY NOTES:

1. 3' MINIMUM BURY REQUIRED FOR ALL UTILITIES UNLESS OTHERWISE NOTED.
2. IRRIGATION AND DOMESTIC WATERLINE MUST HAVE BACKFLOW PREVENTORS PER UPC. IF BACKFLOW PREVENTOR IS INSTALLED EXTERIOR OF BUILDING A HOT BOX SHALL BE INSTALLED AND USED.(PRIVATE, NOT PART OF WORK ORDER)
3. ALL EXCAVATION, TRENCHING AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.

CAUTION

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ALBUQUERQUE, NEW MEXICO 87109
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www.tierrawestllc.com

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: **SAFStor STORAGE**
106TH STREET UTILITY IMPROVEMENTS 36+00 TO 40+35

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
APPROVED Mar. 13, 2023 DESIGN REVIEW COMMITTEE	APPROVED Apr. 19, 2023 CITY ENGINEER		

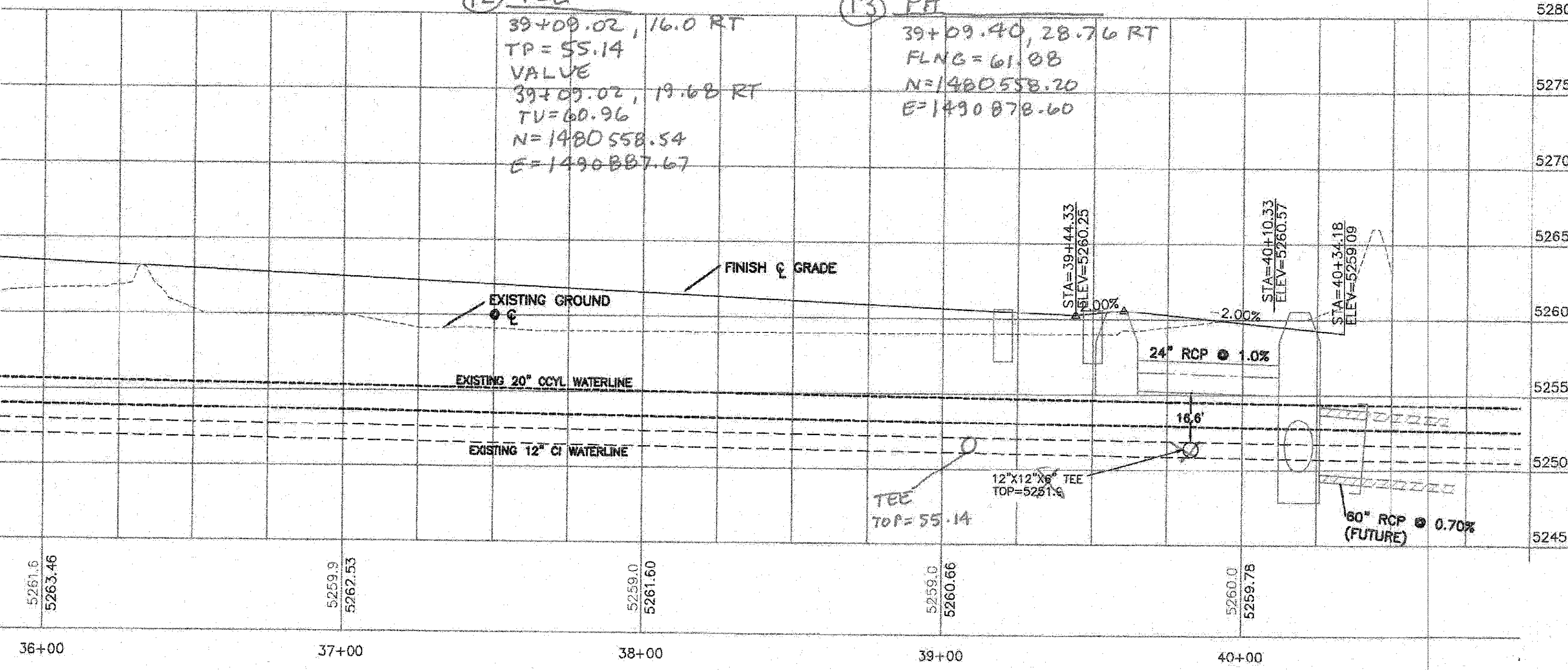
CITY PROJECT NO. 505291	ZONE MAP NO. L-8-Z	SHEET 12	OF 19
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(12) TEE

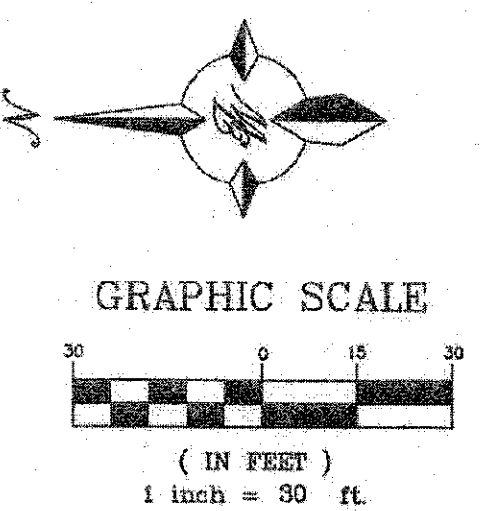
39+09.02, 16.0 RT
TP=55.14
VALVE
39+09.02, 19.68 RT
TV=60.96
N=1480 558.54
E=1490 887.67

(13) FH

39+09.40, 28.76 RT
FLNG=61.88
N=1480 558.20
E=1490 878.60



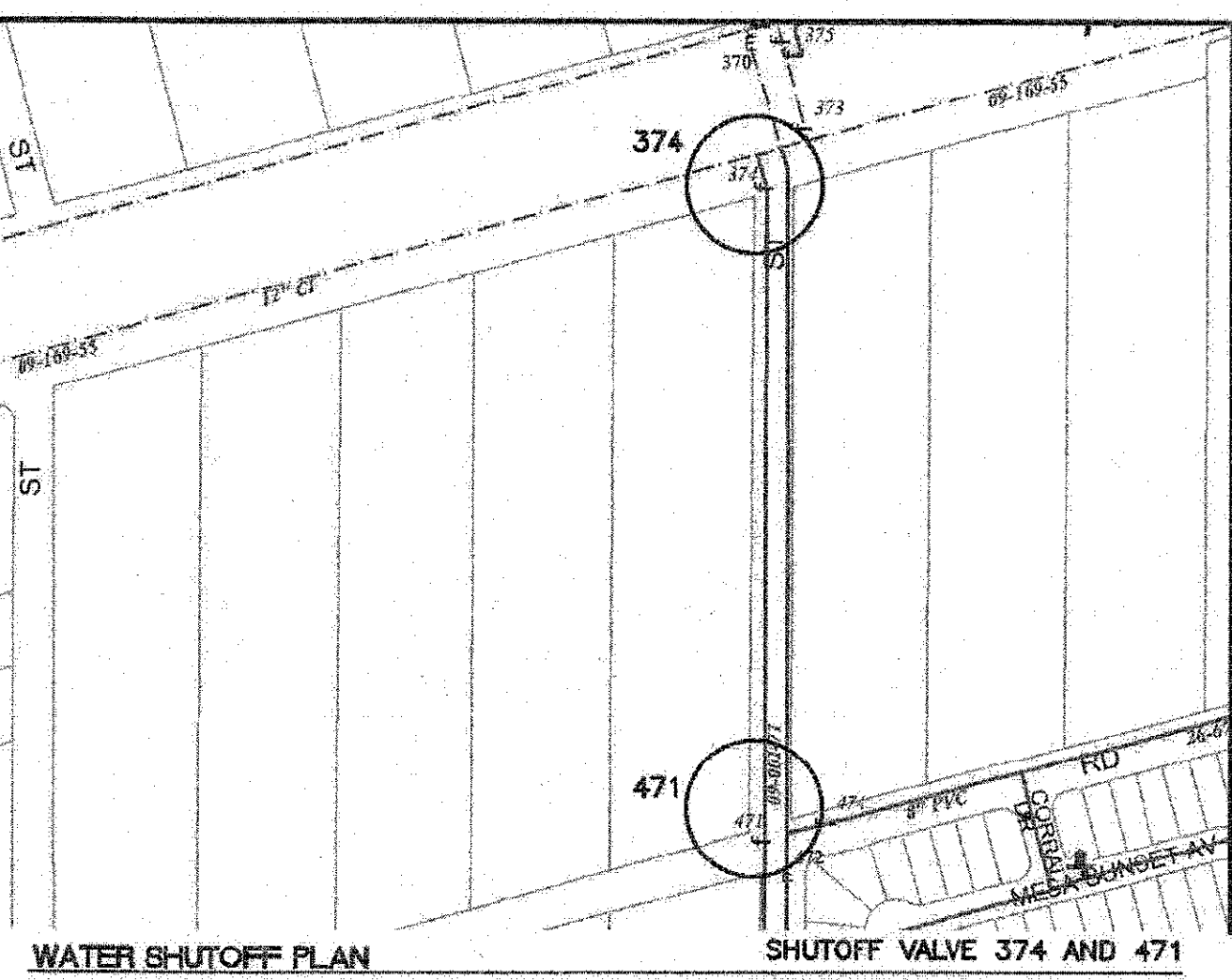
VERT SCALE 1"=6'



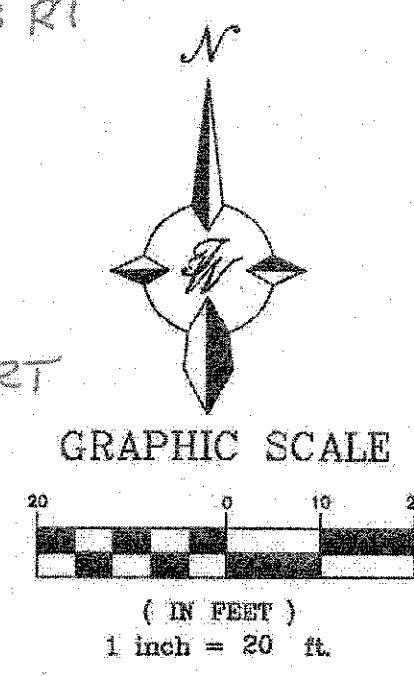
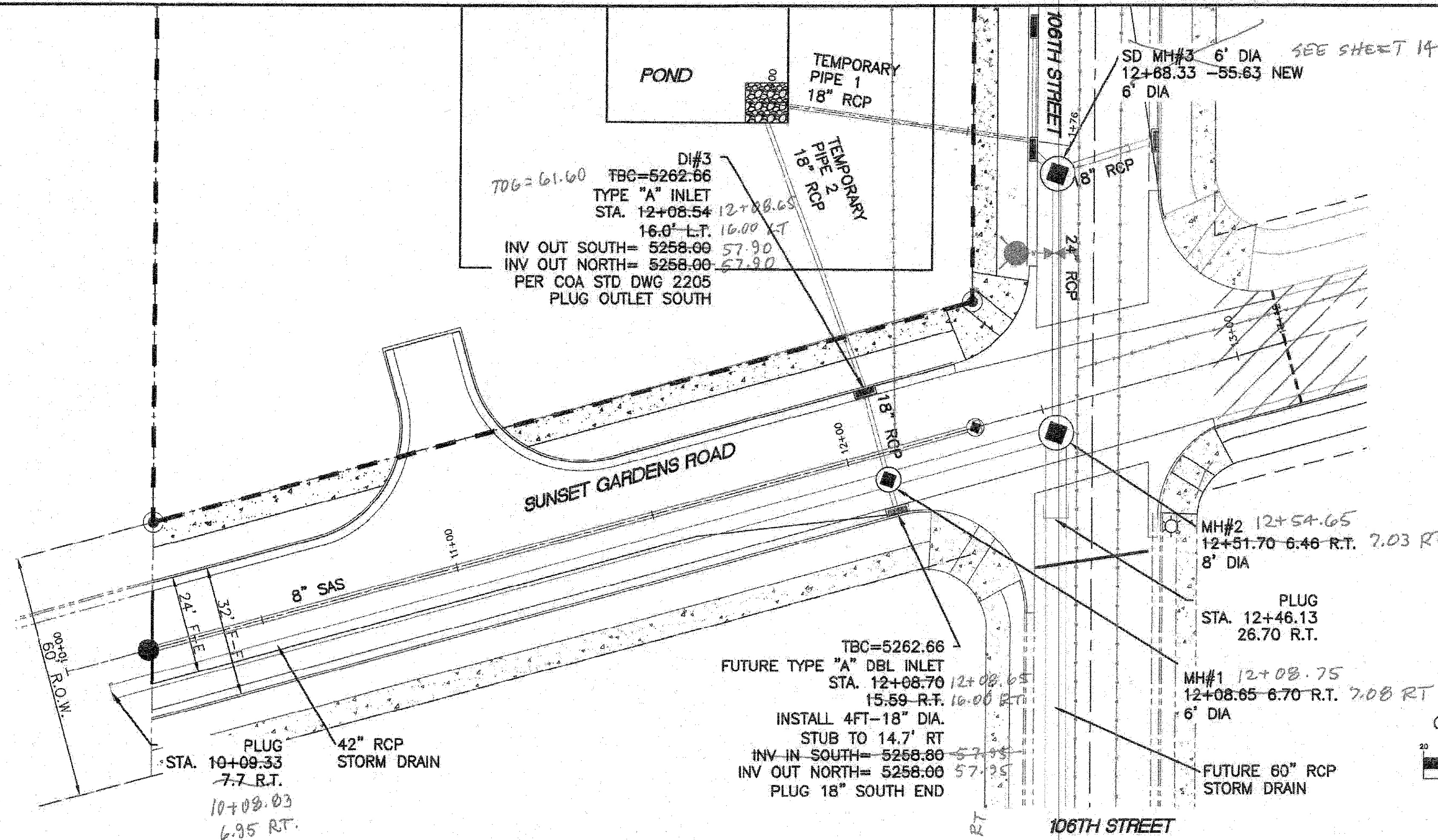
NOTES

1. WL SERVICE AND METERS PER COA STD DWG 2301, 2361, 2363 AND 2387
2. FIRE HYDRANT AND VALVES PER COA STD DWG 2326, 2328 AND 2340
3. SAS CONNECTION PER COA STD DWG 2125
4. FIRELINE TIES PER COA STD DWG 2301, 2326, 2329 AND 2394
5. TRENCH SECTION PER COA STD DWG 2315
6. BACKFLOW PREVENTER ON ALL DOMESTIC WATER LINES(FOR INFORMATION ONLY)
7. MANHOLE PER COA STD DWG 2102
8. ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING. EXISTING VALVES AND MANHOLES SHALL NOT BE BURIED OR PAVED OVER BUT RIMS SHALL BE ADJUSTED TO MATCH NEW GRADE PER COA STANDARD DRAWINGS 2480 AND 2481.
9. MANHOLE RIMS, FIRE HYDRANT ELEVATIONS, AND FLANGE ELEVATIONS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY AND ADJUST TO FINAL PAVEMENT OR SURFACE GRADES.
10. REFERENCE WATER & SANITARY SEWER AVAILABILITY STATEMENT #210629 DATED 9/27/21
11. PROPOSED WATERLINE MATERIALS SHALL BE PVC PIPE MEETING AWWA C-900: DR18 REQUIREMENTS (8" - 12") OR DUCTILE IRON PIPE MEETING AWWA C-150 REQUIREMENTS (8" - 48").
12. ALL WATERLINE FITTINGS, VALVES, BENDS, TEES, CROSSES AND APPURTENANCES SHALL HAVE RESTRAINED JOINTS UNLESS OTHERWISE NOTED ON THE PLANS. THE JOINT RESTRAINT REQUIREMENTS SHOULD BE DELINEATED WITHIN A JOINT RESTRAINT TABLE.
13. ALL SANITARY SEWER LINE STATIONING REFERS TO SANITARY SEWER CENTERLINE STATIONING, EXCEPT WHEN PROFILED WITHIN A PROPOSED OR EXISTING STREET, WHERE STREET STATIONING SHALL GOVERN.
14. ALL FINAL BACKFILL FOR TRENCHES SHALL BE COMPACTED TO A MINIMUM OF 95% MAXIMUM DENSITY PER ASTM D-1557 AND AS DIRECTED BY STANDARD SPECIFICATIONS SECTION 701.14.2 AND STANDARD DRAWING NUMBER 2465.

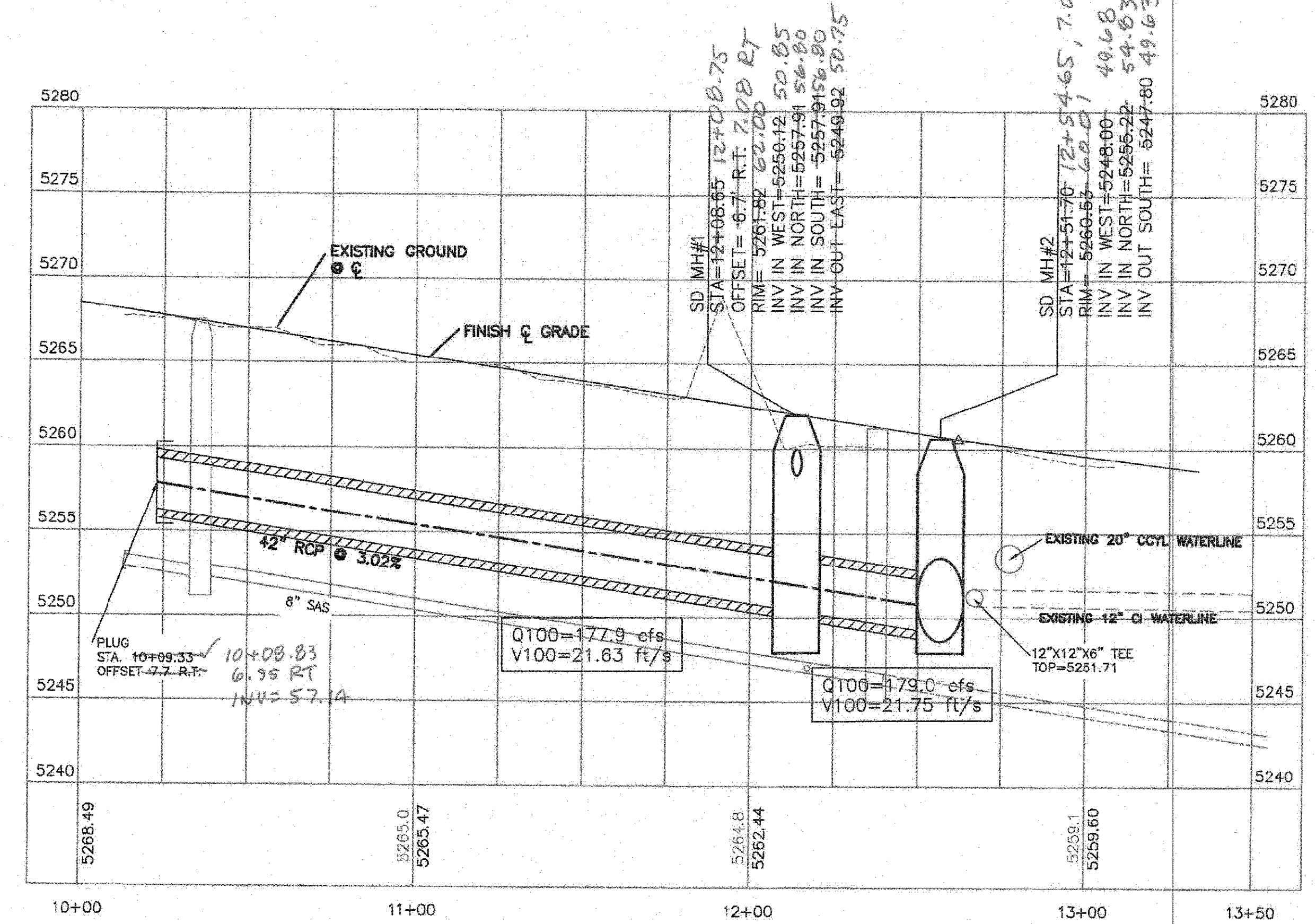
14. ELECTRONIC MARKER SPHERES (EMS) WILL BE PLACED ACCORDING AWWA SPECIFICATIONS.
15. CONTRACTOR SHALL INSTALL A 4" X 4" X 5' POST AND ENS AT THE END OF EACH SANITARY SEWER SERVICE.
16. CONTRACTOR SHALL PROVIDE THE PROPOSED HYDRO TESTING PLANS TO THE AWWA INSPECTIONS FOR APPROVAL PRIOR TO BEGINNING TESTING OPERATIONS.
17. AT UTILITY CROSSINGS, WHERE LESS THAN 18" OF VERTICAL SEPARATION FROM STORM DRAIN PIPING OR STRUCTURES IS PROPOSED, LEAN FILL CONSTRUCTED (PER SECTION 207 OF THE STANDARD SPECIFICATIONS) SHALL BE USED TO PROTECT THE WATER OR SEWER LINE. LEAN FILL SHALL EXTEND A PERPENDICULAR DISTANCE OF 5 FEET ON EACH SIDE OF THE STORM PIPE OR STRUCTURE.
18. ALL WORK PERFORMED ON PRIVATELY OWNED SEWER LINE AND SERVICE LINES MUST BE INSPECTED BY THE CITY OF ALBUQUERQUE'S CODE ADMINISTRATION DIVISION. IN ORDER THAT INSPECTION BY THE PLANNING DEPARTMENT, CODE ADMINISTRATION DIVISION, PLUMBING SECTION CAN BE EFFICIENTLY HANDLED, WITH A MINIMUM LOSS OF TIME TO CONTRACTOR, THE FOLLOWING SHALL BE NOTED: INSPECTION ARRANGEMENTS FOR A SEWER SERVICE LINE SHALL BE MADE BY THE CONTRACTOR CALLING THE CITY OF ALBUQUERQUE, CODE ADMINISTRATION DIVISION, PLUMBING SECTION. INSPECTION REQUESTS CALLED IN BETWEEN THE HOURS OF 8:00 AM AND 12:00 NOON WILL BE INSPECTED THE SAME AFTERNOON. INSPECTION REQUESTS CALLED IN BETWEEN THE HOURS OF 1:00 PM AND 5:00 PM WILL BE INSPECTED THE FOLLOWING MORNING, EXCEPT IN CASE OF EMERGENCY.
19. RESTRICT COMPACTION EQUIPMENT TO 10-TON NON-VIBRATORY ROLLER MAXIMUM, IF DEPTH OF COVER FROM TOP OF PIPE TO SURFACE IS LESS THAN 4 FEET WITHIN 10 FEET EACH SIDE OF THE CONCRETE CYLINDER PIPE. THIS INCLUDES SETTLEMENT MONITORING, VIBRATION MONITORING, AND ANY POTENTIAL NECESSARY TO ENSURE CONSTRUCTION ACTIVITIES DO NOT DAMAGE THE COYL WATERLINE. ANY DAMAGE TO THE WUA COYL WATERLINE SHALL BE REPAIRED OR REPLACED AT THE EXPENSE OF CONTRACTOR.



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 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://AROWUA.ORG/CONTENT/VIEW/729/](http://arowua.org/content/view/full/729/)



- LEGEND**
- Curb & Gutter
 - - - Boundary Line
 - - - Easement
 - - - Centerline
 - - - Right-of-Way
 - ▬ Building
 - ▬ Sidewalk
 - - - Existing Curb & Gutter
 - - - Existing Boundary Line
 - - - Retaining Wall
 - 8" SAS
 - 8" WL
 - 8" SAS
 - 8" WL
 - 36" SD
 - Proposed Hydrant
 - New SAS MH
 - New Water Meter
 - New AC Asphalt
 - - - Exist Sanitary Sewer Line
 - - - Exist Waterline
 - New SD MH
 - Storm Sewer Line



VERT SCALE 1"=6'

NOTE
CONTRACTOR TO VERIFY INVERT OF EXISTING 60" STORM DRAIN IN 106TH STREET R.O.W. SOUTH OF SUNSET GARDENS PRIOR TO PERFORMING ANY WORK ON PROPOSED STORM DRAINS. CONTRACTOR SHALL NOTIFY ENGINEER OF EXISTING INVERT ELEVATION.

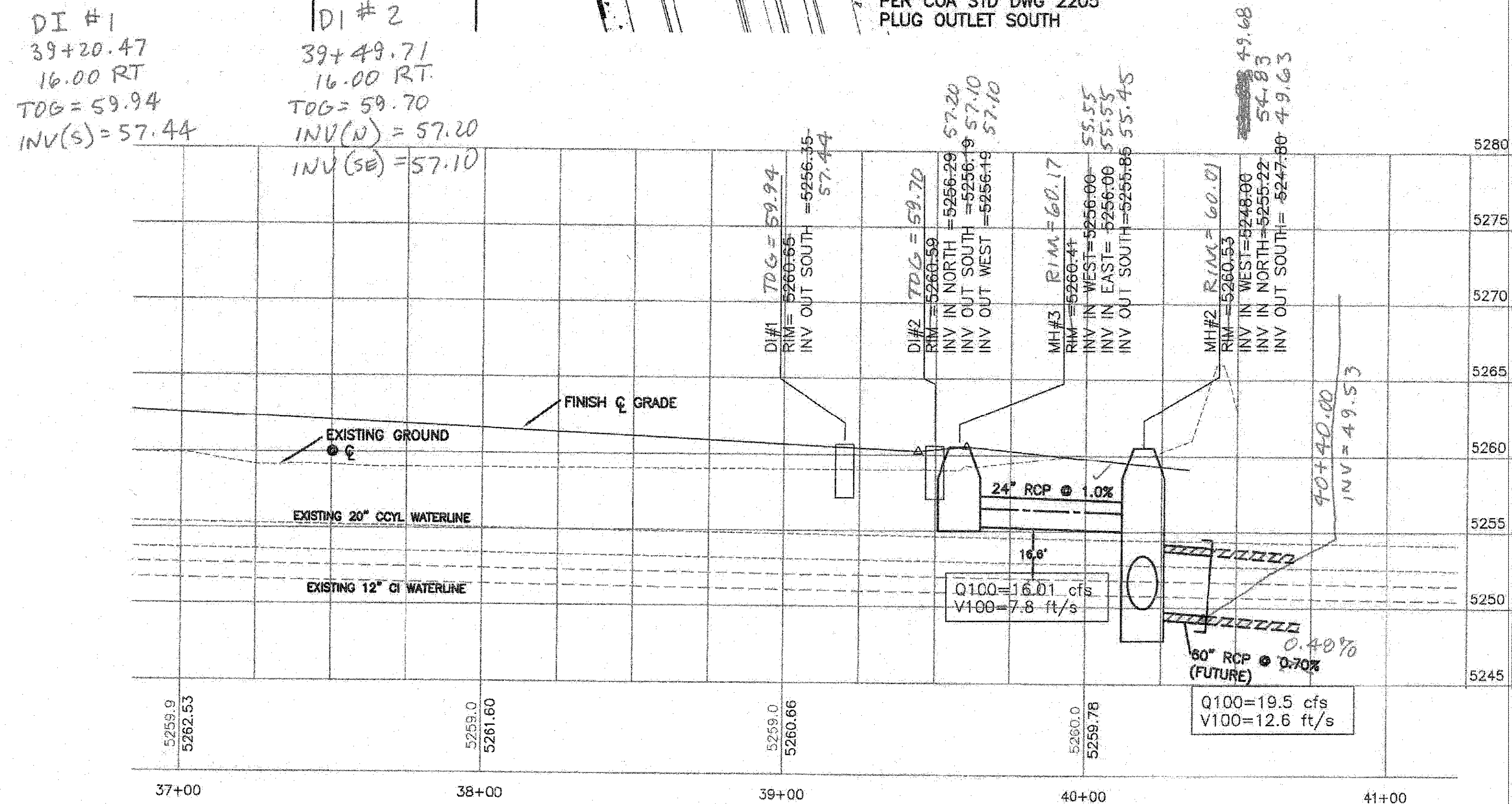
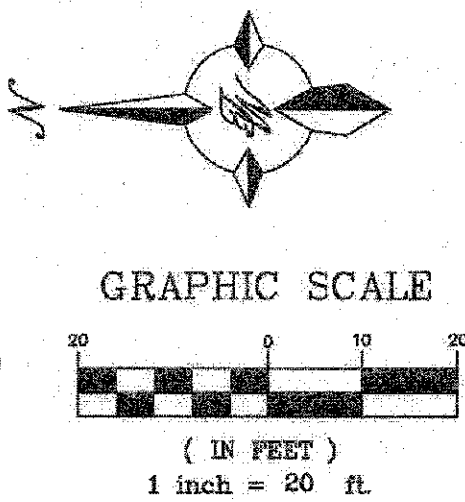
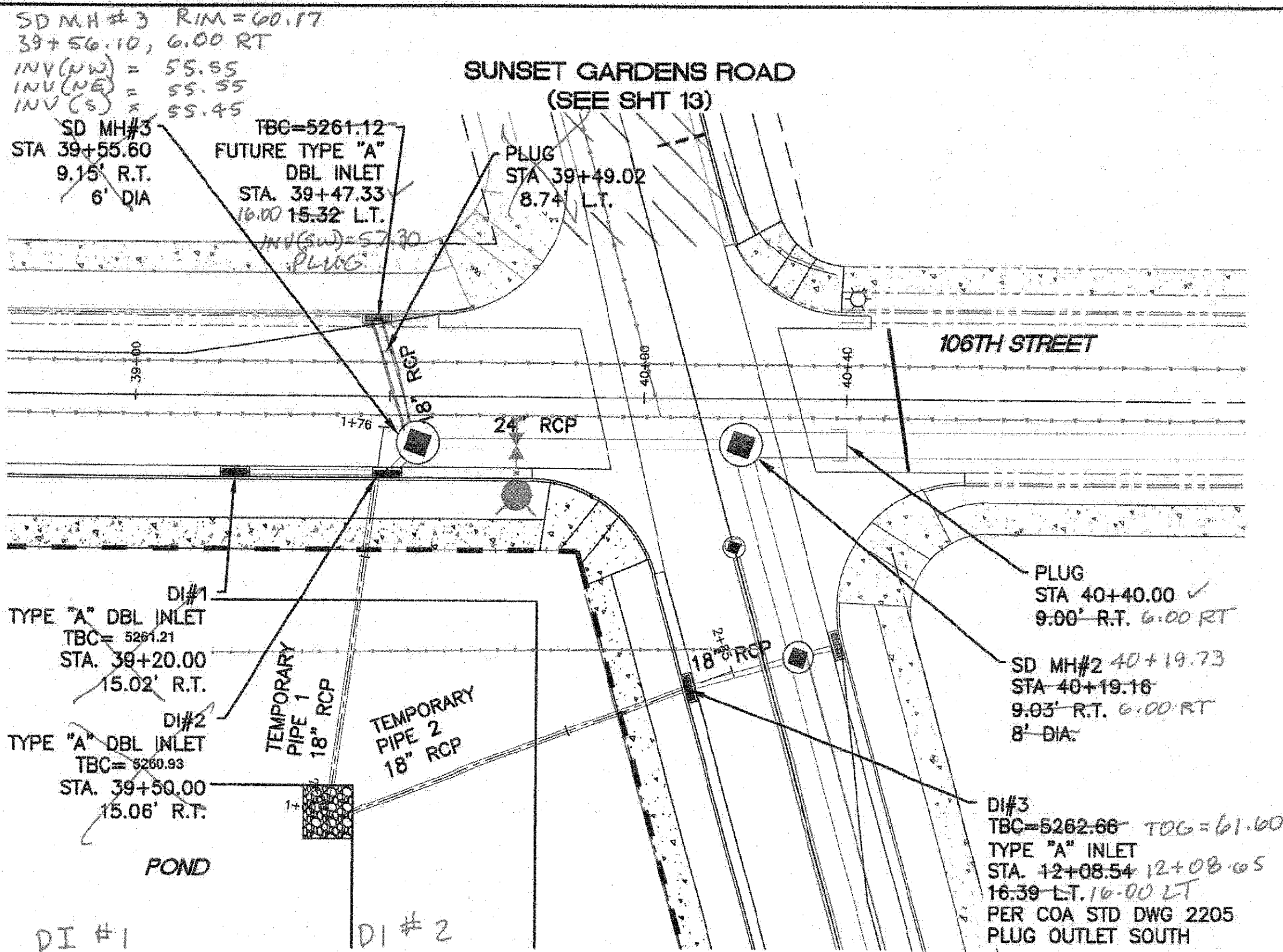
CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS
I, Ronald R. Bohannon, of the firm of Terra West LLC, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by 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 on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction with survey information provided by Tim Aldrich, of Aldrich Land Surveying, NMPS number 7719.



CAUTION
ALL EXISTING UTILITIES SHOWN WERE OBTAINED FROM RESEARCH, AS-BUILTS, SURVEYS OR INFORMATION PROVIDED BY OTHERS. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONDUCT ALL NECESSARY FIELD INVESTIGATIONS PRIOR TO AND INCLUDING ANY EXCAVATION, TO DETERMINE THE ACTUAL LOCATION OF UTILITIES AND OTHER IMPROVEMENTS, PRIOR TO STARTING THE WORK. ANY CHANGES FROM THIS PLAN SHALL BE COORDINATED WITH AND APPROVED BY THE ENGINEER.

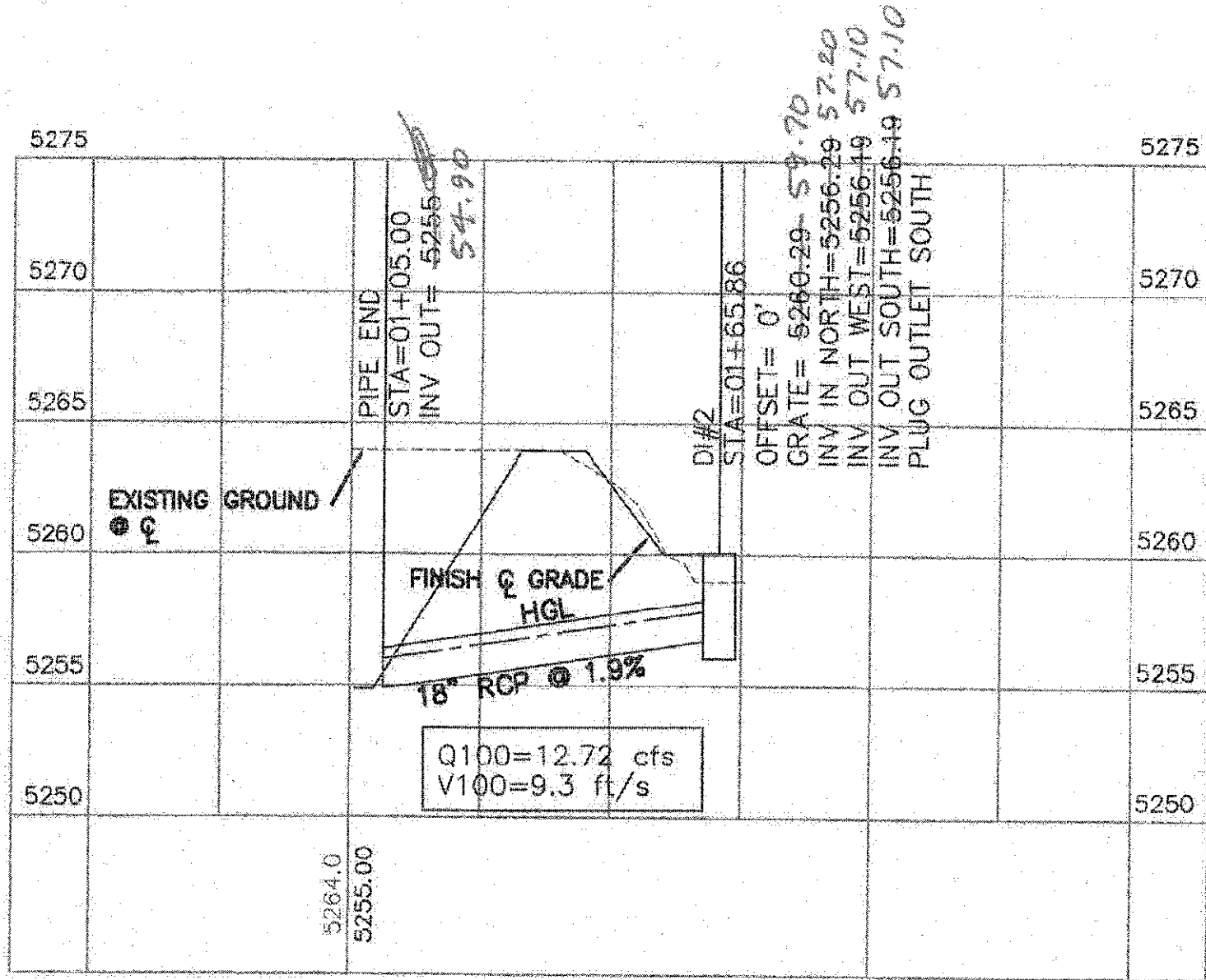
TIERRA WEST, LLC 5571 MIDWAY PARK PLACE NE ALBUQUERQUE, NEW MEXICO 87109 (505) 858-3100 www.terrawestllc.com	
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP	
TITLE: SAFStor STORAGE SUNSET GARDENS STORM SEWER IMPROVEMENTS 10+00 TO 12+93	
DESIGN REVIEW COMMITTEE APPROVED Mar. 13, 2023 DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL APPROVED Apr. 19, 2023 CITY ENGINEER
CITY PROJECT NO. 505291	ZONE MAP NO. L-8-Z
SHEET 13 OF 19	

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	STANDARD C.C.A. ALUMINUM DISC	DATE	FIELD NOTES	BY	NO.	DATE
INSPECTED BY	DATE	NEW MEXICO STATE PLANE COORDINATES	DATE				
ACCEPTANCE BY	DATE	(CENTRAL ZONE-N.A.D. 1983)	DATE				
VERIFICATION BY	DATE	N=1,483,475.091	DATE				
DRAWN BY	DATE	E=1,486,604.908	DATE				
CHECKED BY	DATE	PUBLISHED EL=5415.51 (NAVD 1988)	DATE				
RECORDED BY	DATE	GROUND TO GRID FACTOR=0.99872027	DATE				
NO.		DELTA ALPHA ANGLE=-0717.4324"					



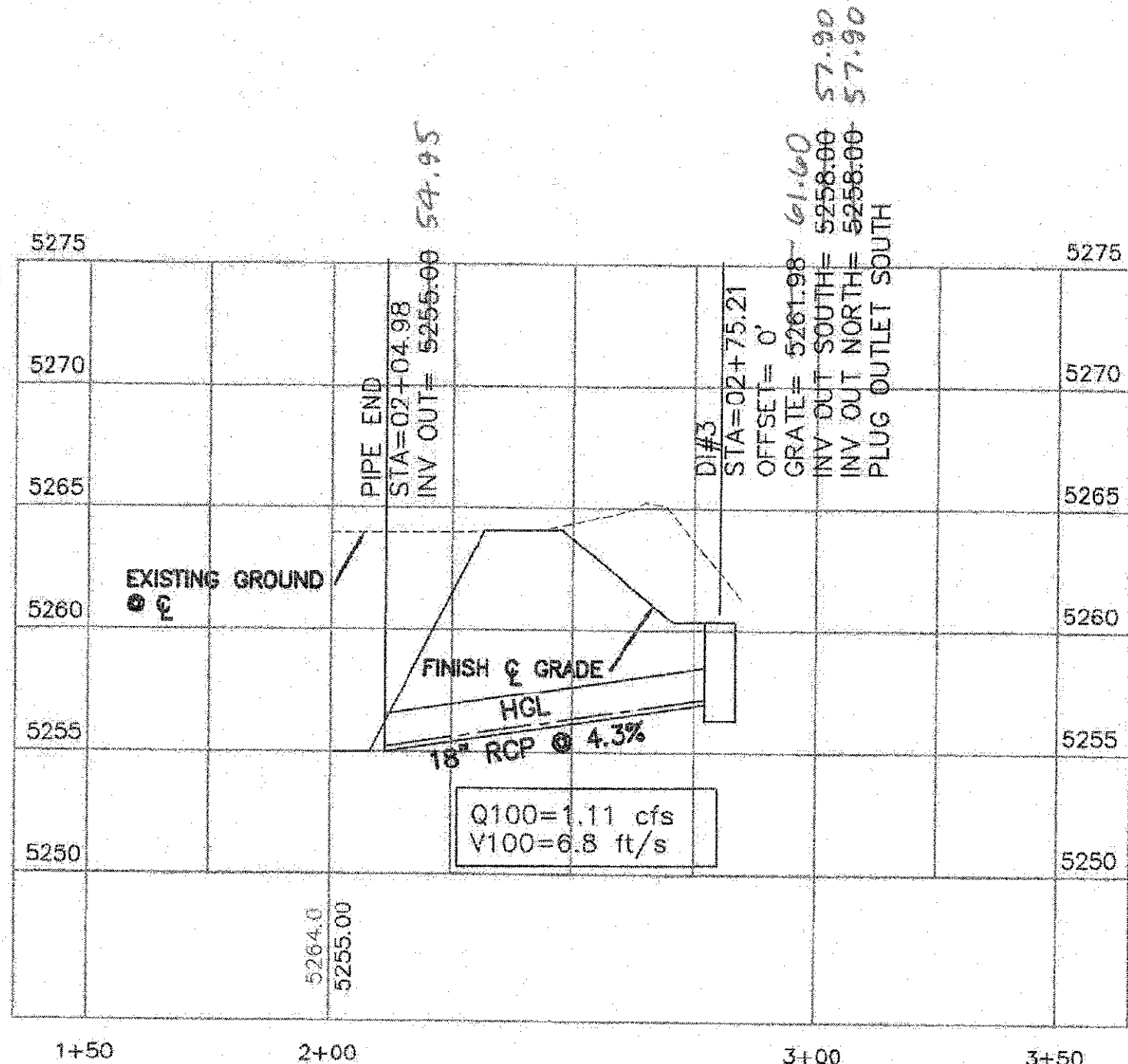
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TEMPORARY PIPE 1

VERT SCALE 1"=6'



TEMPORARY PIPE 2

VERT SCALE 1"=6'

LEGEND

---	CURB & GUTTER
---	BOUNDARY LINE
---	EASEMENT
---	CENTERLINE
---	RIGHT-OF-WAY
---	BUILDING
---	SIDEWALK
---	EXISTING CURB & GUTTER
---	EXISTING BOUNDARY LINE
---	RETAINING WALL
---	NEW SANITARY SEWER LINE
---	NEW WATERLINE
---	PROPOSED HYDRANT
---	NEW SAS MH
---	NEW WATER METER
---	NEW AC ASPHALT
---	EXIST SANITARY SEWER LINE
---	EXIST WATERLINE
---	NEW SD MH
---	STORM SEWER LINE

AS-BUILT INFORMATION				BENCH MARKS				SURVEY INFORMATION				ENGINEER'S SEAL			
CONTRACTOR	DATE	DATE	DATE	ACRS. MONUMENT	DATE	DATE	DATE	FIELD NOTES	DATE	DATE	DATE	NO.	BY	DATE	DATE
STANDARD C.O.A. ALUMINUM DISC	DATE	DATE	DATE	NEW MEXICO STATE PLANE COORDINATES	DATE	DATE	DATE	NO.	BY	DATE	DATE	NO.	BY	DATE	DATE
INSPECTOR'S FIELD VERIFICATION	DATE	DATE	DATE	(CENTRAL ZONE N.A.D. 1983)	DATE	DATE	DATE	NO.	BY	DATE	DATE	NO.	BY	DATE	DATE
VERIFICATION BY	DATE	DATE	DATE	N=1,460,475.01	DATE	DATE	DATE	NO.	BY	DATE	DATE	NO.	BY	DATE	DATE
CORRECTED BY	DATE	DATE	DATE	E=1,466,804.908	DATE	DATE	DATE	NO.	BY	DATE	DATE	NO.	BY	DATE	DATE
MICRO-FILM INFORMATION	DATE	DATE	DATE	PUBLISHED EL=5415.51 (NAVD 1986)	DATE	DATE	DATE	NO.	BY	DATE	DATE	NO.	BY	DATE	DATE
RECORDED BY	DATE	DATE	DATE	GROUND TO GRID FACTOR=0.99967027	DATE	DATE	DATE	NO.	BY	DATE	DATE	NO.	BY	DATE	DATE
				DELTA ALPHA ANGLE=-077'43.34"											

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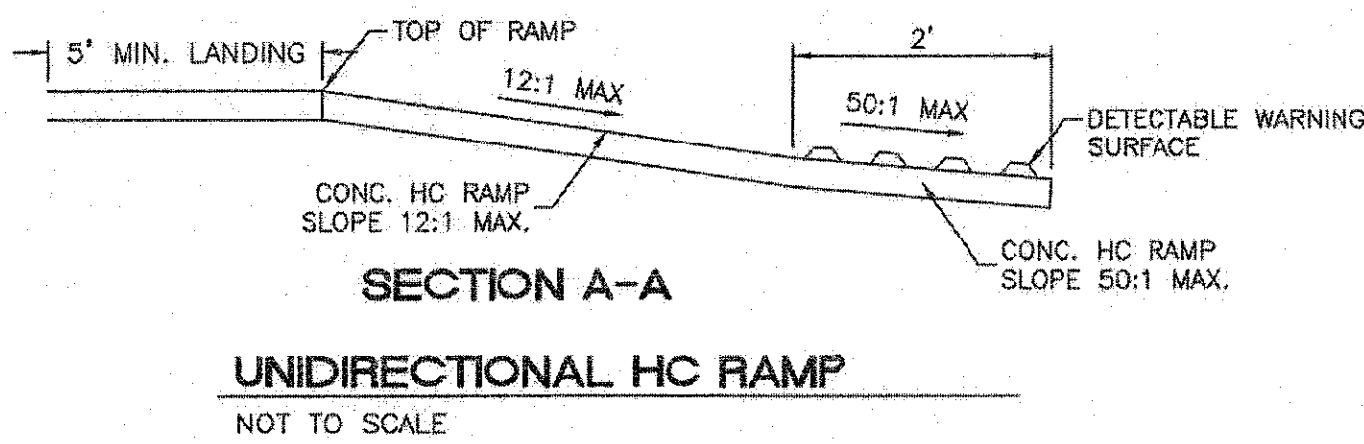
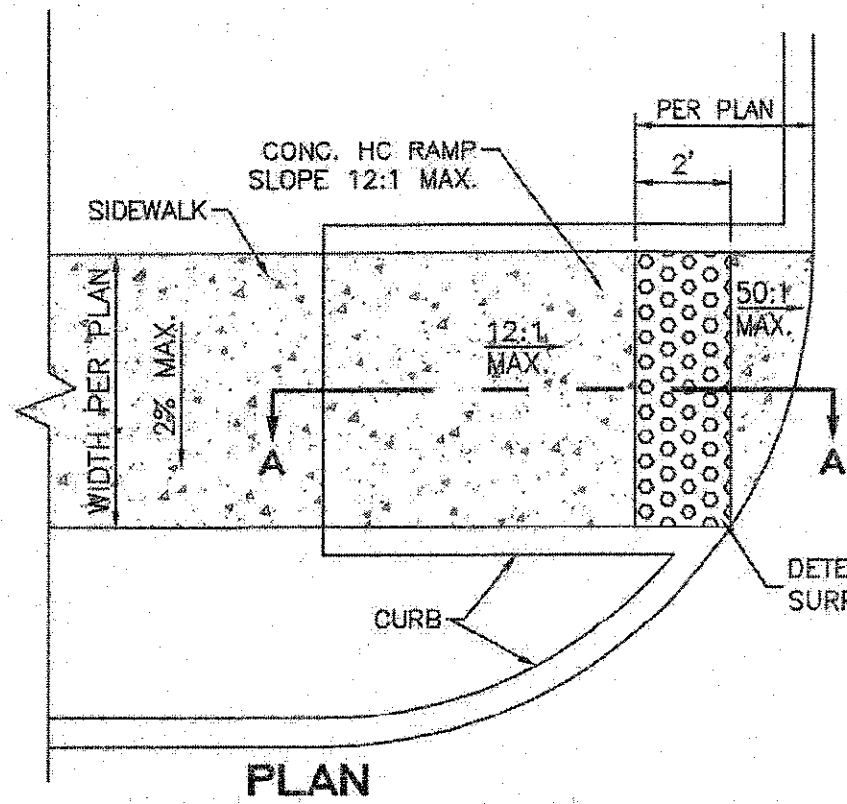
TITLE: SAFStor STORAGE
106TH STREET STORM SEWER IMPROVEMENTS 36+00 TO 40+35

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	MO./DAY/YR.	MO./DAY/YR.
APPROVED Mar. 13, 2023 DESIGN REVIEW COMMITTEE	APPROVED Apr. 19, 2023 CITY ENGINEER		

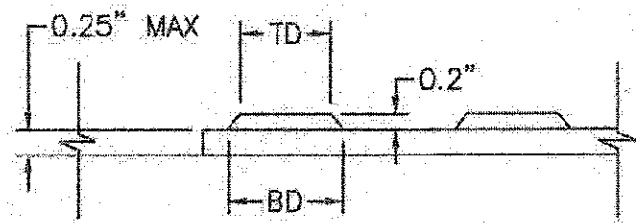
CITY PROJECT NO. 505291	ZONE MAP NO. L-8-Z	SHEET 14	OF 19
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CAUTION

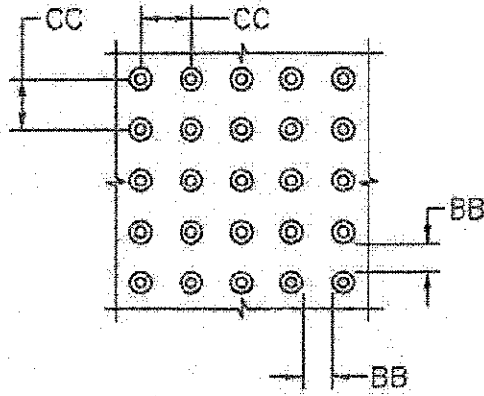
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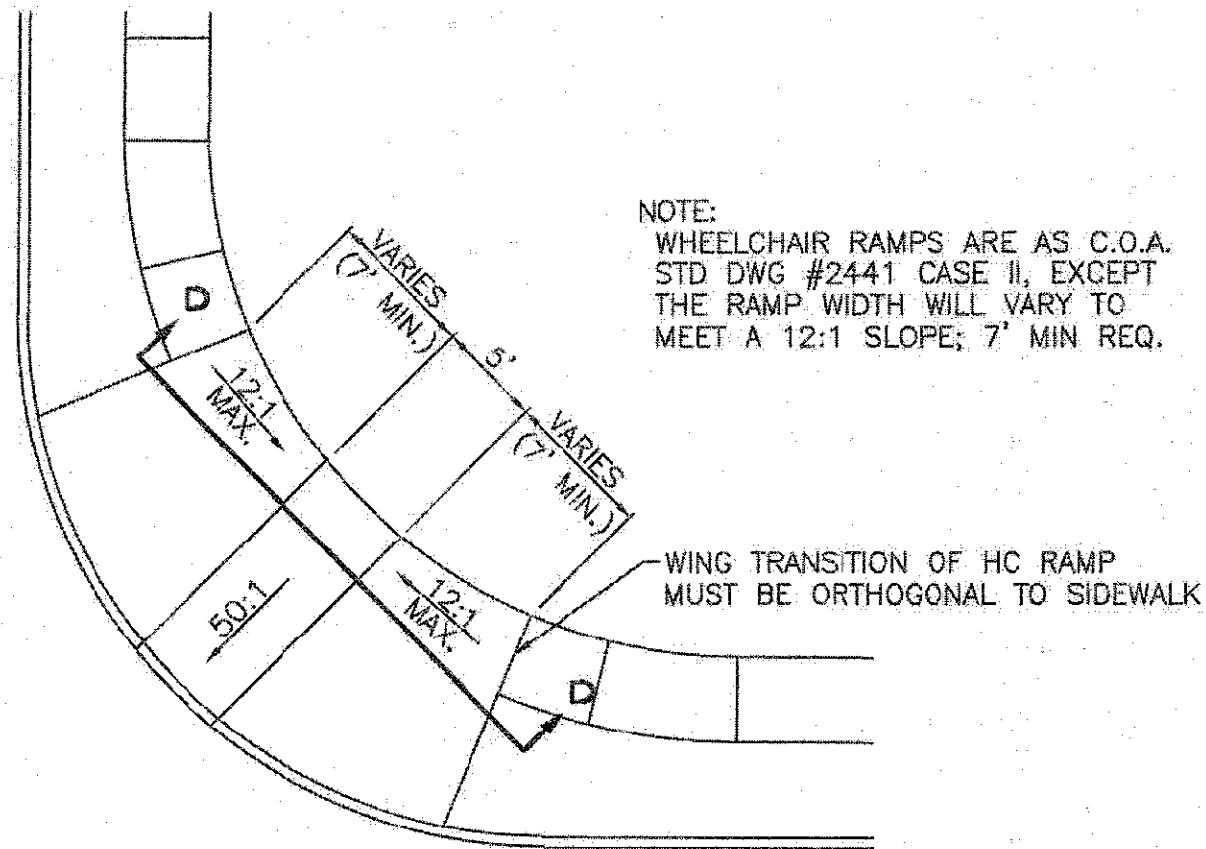
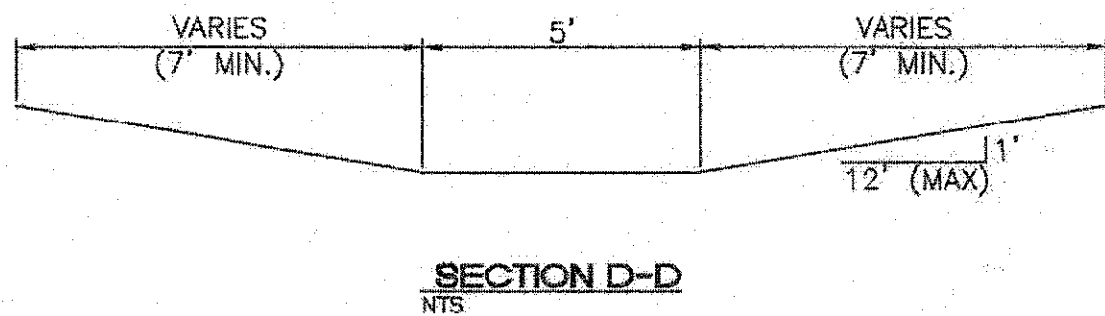
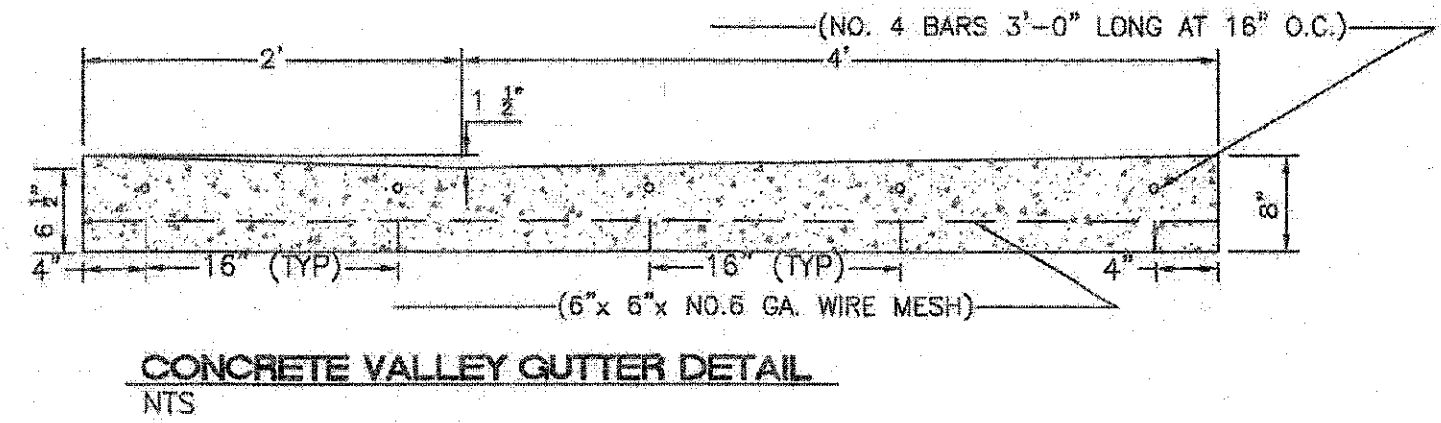
- NOTES:
1. THE SURFACE OF RAMP AND SIDES SHALL HAVE A TRANSVERSE BROOMED SURFACE TEXTURE ROUGHER THAN THE SURROUNDING SIDEWALK.
 2. CONSTRUCT PER A.D.A. STANDARDS.



DOME SECTION
BD - BASE DIAMETER 0.9" MIN
TD - TOP DIAMETER 50% OF BD MIN TO 65% OF BD MAX



DOME SPACING
CC - CENTER TO CENTER SPACING 2.35"
BB - BASE TO BASE SPACING 1.48" MIN



WHEELCHAIR RAMP DETAIL (TYP.)
NTS

NOTE:
WHEELCHAIR RAMPS ARE AS C.O.A. STD DWG #2441 CASE II, EXCEPT THE RAMP WIDTH WILL VARY TO MEET A 12:1 SLOPE; 7' MIN REQ.

THE FOLLOWING TABLES WERE CREATED USING EBAA IRON INC. SOFTWARE FOR RESTRAINING JOINTS WITH THESE CRITERIA:

DEPTH OF BURY: 3.0' MINIMUM
SAFETY FACTOR: 1.5 TO 1
PIPE MATERIAL: PVC
SOIL TYPE: GM/SM-SILTY GRAVEL/SILTY SAND, GRAVEL-SAND MIXTURES
TEST PRESSURE: 150 PSI
TRENCH TYPE 3: PIPE BEDDED IN 4" MINIMUM LOOSE SOIL BACKFILL LIGHTLY CONSOLIDATED TO TOP OF PIPE

THESE LENGTHS WILL BE AFFECTED IF THE TYPE OF MATERIAL, GREATER DEPTH OF BURY, ETC. CHANGES. THESE MUST BE RECALCULATED BY THE DESIGN ENGINEER PRIOR TO CONSTRUCTION.

SIZE	LENGTH ALONG RUN**					
	10'	8'	6'	4'	2'	0'
12x12x12	61	68	76	83	90	98
12x12x10	39	48	56	65	74	83
12x12x8	15	26	37	48	59	70
12x12x6	1	1	9	24	38	53
12x12x4	1	1	1	1	16	37
10x10x10	48	54	61	68	76	83
10x10x8	25	34	43	52	61	70
10x10x6	1	5	17	29	41	53
10x10x4	1	1	1	2	20	37
8x8x8	34	42	49	56	63	70
8x8x6	6	15	25	34	43	53
8x8x4	1	1	1	10	24	37
6x6x6	7	24	31	39	46	53
6x6x4	1	1	6	17	27	37

*RESTRAINTS ONLY PLACED ON THE BRANCH
**LENGTH ALONG RUN REFERS TO THE LENGTH OF PIPE ON EITHER SIDE OF THE TEE BEFORE THE NEXT JOINT.

SIZE	HORIZONTAL BENDS				VALVES DEAD END
	90°	45°	22-1/2°	11-1/4°	
12	45	19	9	4	102
10	38	16	8	4	86
8	32	13	6	3	72
6	25	10	5	2	55
4	18	7	4	1	39

RESTRAINED JOINT LENGTHS FOR REDUCERS***			
SIZE	L. SIDE	SIZE	L. SIDE
12x10	50	10x8	53
12x8	54	10x4	70
12x6	74	8x6	30
12x4	88	8x4	52
10x8	29	6x4	28

***RESTRAINTS ONLY PLACED ON LARGE SIDE

THE FOLLOWING TABLES WERE CREATED USING EBAA IRON INC. SOFTWARE FOR RESTRAINING JOINTS WITH THESE CRITERIA:

DEPTH OF BURY: 3.0' MINIMUM TO 6.0'
SAFETY FACTOR: 1.5 TO 1
PIPE MATERIAL: PVC
SOIL TYPE: GM/SM-SILTY GRAVEL/SILTY SAND, GRAVEL-SAND MIXTURES
TEST PRESSURE: 150 PSI
TRENCH TYPE 3: PIPE BEDDED IN 4" MINIMUM LOOSE SOIL BACKFILL LIGHTLY CONSOLIDATED TO TOP OF PIPE

THESE LENGTHS WILL BE AFFECTED IF THE TYPE OF MATERIAL, GREATER DEPTH OF BURY, ETC. CHANGES. THESE MUST BE RECALCULATED BY THE DESIGN ENGINEER PRIOR TO CONSTRUCTION.

SIZE	HORIZONTAL BENDS			
	90°	45°	22-1/2°	11-1/4°
12 UPPER	DON'T USE	42	20	10
12 LOWER	DON'T USE	10	5	2
10 UPPER	DON'T USE	36	17	8
10 LOWER	DON'T USE	8	4	2
8 UPPER	DON'T USE	30	14	7
8 LOWER	DON'T USE	7	3	2
6 UPPER	DON'T USE	23	11	5
6 LOWER	DON'T USE	5	3	1
4 UPPER	DON'T USE	16	8	4
4 LOWER	DON'T USE	4	2	1

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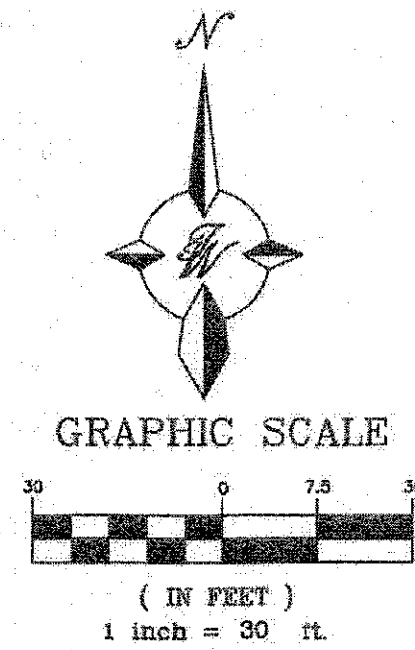
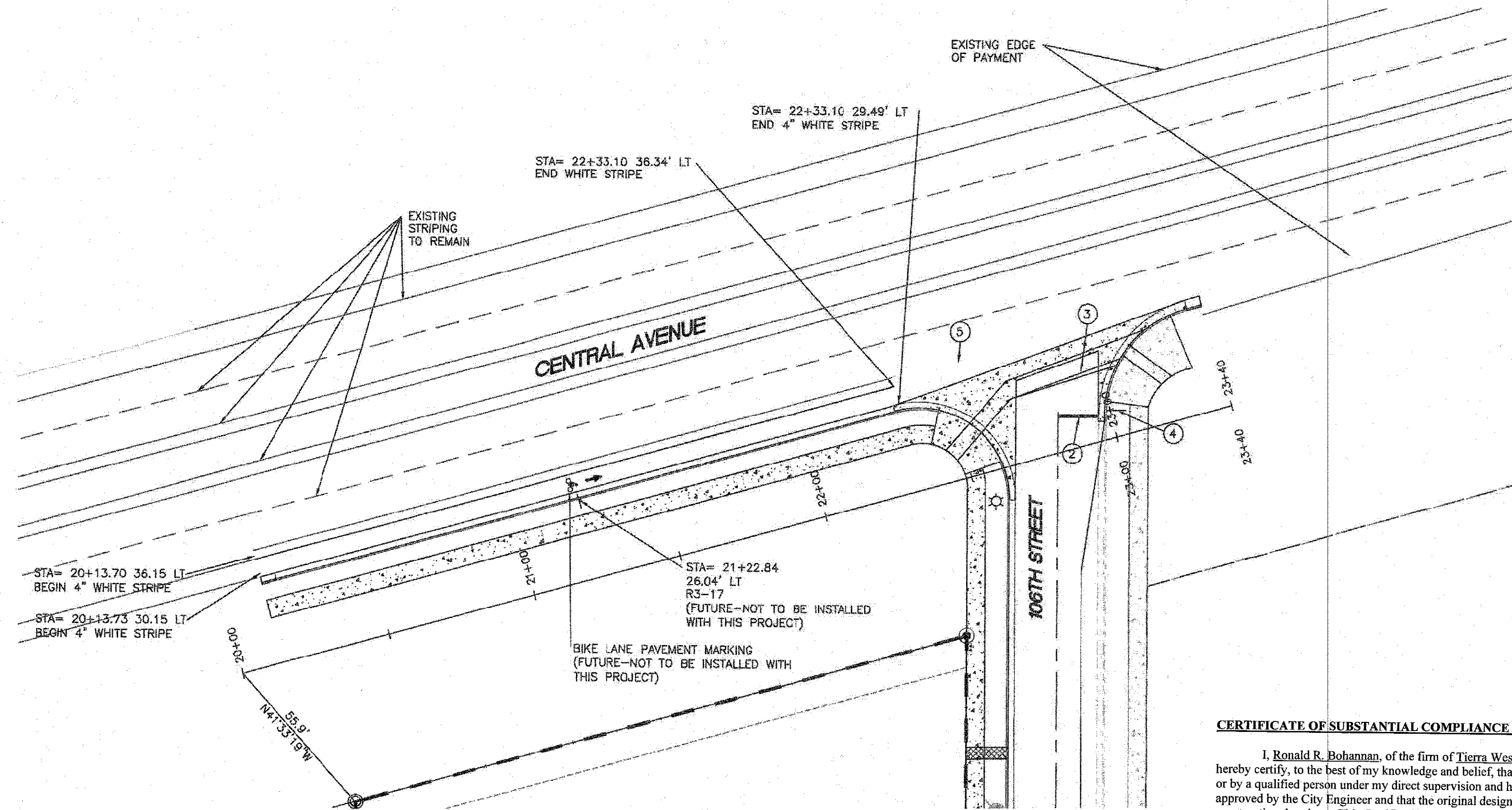


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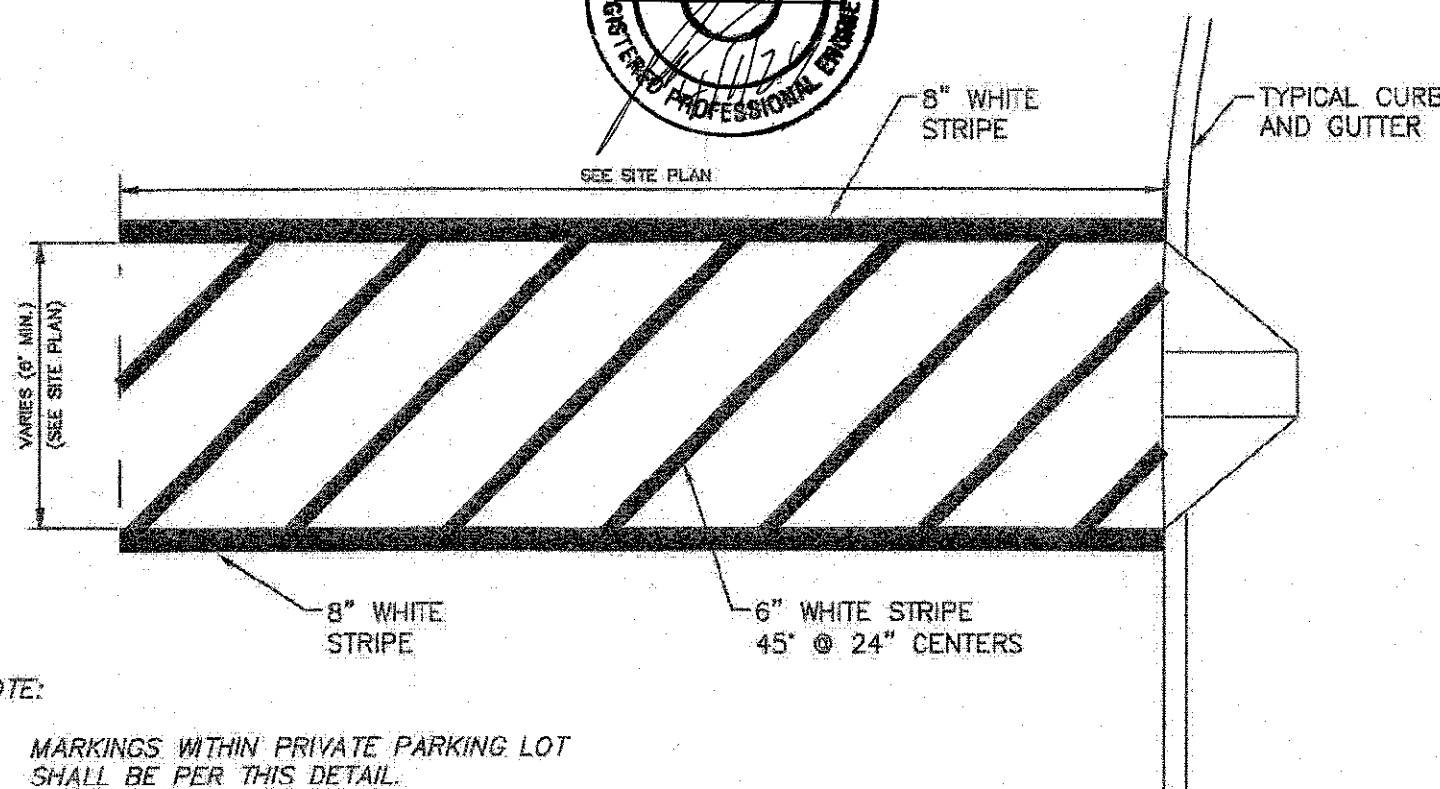
TITLE: SAFStor STORAGE CONSTRUCTION DETAILS	
DESIGN REVIEW COMMITTEE APPROVED Mar. 13, 2023 DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL APPROVED Apr. 19, 2023 CITY ENGINEER
CITY PROJECT NO. 505291	ZONE MAP NO. L-8-Z
SHEET 15	OF 19

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR SUNDANCE	WORKS BY ALS	A.G.S.S. MONUMENT "2.17"	DATE 23	FIELD NOTES BY	NO.		DATE: 01-17-2023
INSPECTOR'S ACCEPTANCE BY ALS	INSPECTOR'S VERIFICATION BY ALS	STANDARD C.O.A. ALUMINUM DISC NEW MEXICO STATE PLANE COORDINATES (CENTRAL ZONE-N.A.D. 1983) N=1,480,475.091 E=1,486,604.908	DATE 23	NO.	NO.		
DRAWINGS DESIGNED BY ALS		MICRO-FILM INFORMATION RECORDED BY NO.		DESIGNED BY: VC DRAWN BY: RWG JOB NO.: 2021064 CHECKED BY: RRB		DATE: 01-17-2023 DATE: 01-17-2023 DATE: 01-17-2023	DATE: 01-17-2023



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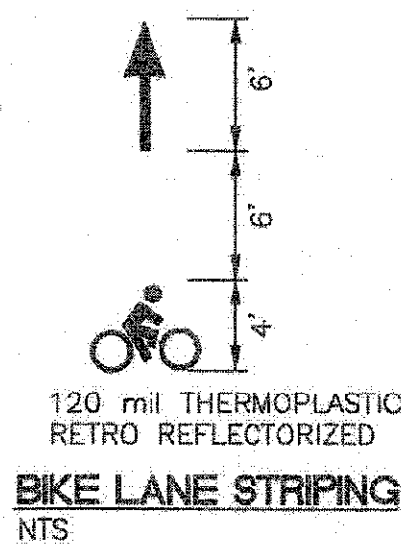


NOTE:

- MARKINGS WITHIN PRIVATE PARKING LOT SHALL BE PER THIS DETAIL.
- THESE MARKINGS ARE TO BE PAINTED REFLECTIVE WHITE.

CROSSWALK/PED. CROSSING

NTS



(FUTURE--NOT TO BE INSTALLED WITH THIS PROJECT)

LEGEND

---	CURB & GUTTER
---	BOUNDARY LINE
---	EXISTING CURB & GUTTER
---	EXISTING BOUNDARY LINE
---	CENTERLINE
---	RIGHT-OF-WAY
---	SIDEWALK

KEYED NOTES

- ERADICATE EXISTING STRIPING, STOP BAR
- NEW 2' STOP BAR
- CROSSWALK SEE DETAIL THIS SHEET
- NEW STOP SIGN
- ERADICATE EXISTING WHITE STRIPE STA. ____ TO STA. ____

GENERAL NOTES:

- ALL CONFLICTING STRIPING SHALL BE ERADICATED BY WATER BLASTING AND APPLY FOG SEAL.
- ALL SIGNS SHALL BE MADE IN ACCORDANCE WITH THE M.U.T.C.D. (CURRENT EDITION) SPECIFICATIONS AND COA STANDARDS.
- ALL STRIPING AND PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH THE M.U.T.C.D. (CURRENT EDITION) SPECIFICATIONS AND COA STANDARDS (THERMOPLASTIC).

PERMANENT SIGNING AND STRIPING NOTES

SIGN	SIGN CODE	COLOR	LEGEND SHEETING	BACKGROUND SHEETING
STOP	R1-1	WHITE/RED	TYPE VII OR IX	TYPE VII OR IX
YIELD	R1-2	WHITE/RED	TYPE VII OR IX	TYPE VII OR IX
DO NOT ENTER	R5-1	WHITE/RED	TYPE VII OR IX	TYPE VII OR IX
WRONG WAY	R5-1a	WHITE/RED	TYPE VII OR IX	TYPE VII OR IX
SCHOOL BUS STOP	S3-1	BLK/FLUORESCENT YELLOW GREEN	TYPE VII OR IX	TYPE VII OR IX
SCHOOL BUS CROSSING	S1-1	BLK/FLUORESCENT YELLOW GREEN	TYPE VII OR IX	TYPE VII OR IX
PEDESTRIAN CROSSING	W11-2	BLK/FLUORESCENT YELLOW GREEN	TYPE VII OR IX	TYPE VII OR IX
BIKE CROSSING	W11-1	BLK/FLUORESCENT YELLOW GREEN	TYPE VII OR IX	TYPE VII OR IX
ALL SCHOOL/PED/BIKE SUPPLEMENTAL PLAQUES		BLK/FLUORESCENT YELLOW GREEN (WHEREVER BLK/YELLOW IS SPECIFIED AS COLOR IN MUTCD)	TYPE VII OR IX	TYPE VII OR IX
ALL OTHER WARNING SIGNS AND SUPPLEMENTAL PLAQUES		BLK/FLUORESCENT YELLOW GREEN (WHEREVER BLK/YELLOW IS SPECIFIED AS COLOR IN MUTCD)	TYPE VII OR IX	TYPE VII OR IX
GUIDE & DESIGNATION SIGNS INCLUDE EXTRUDED & NON-EXTRUDED (OVERHEAD & GROUND MOUNTED)	ALL	WHITE/GREEN (EXCEPT WHERE SPECIFIED IN THE MUTCD)	TYPE VII OR IX	TYPE VII OR IX
E-CODE SIGNS	E11-1, 1a, 1b, 1c	BLK/FLUORESCENT YELLOW	TYPE VII OR IX	TYPE VII OR IX
GENERAL SERVICE	ALL	WHITE/BLUE	TYPE VII OR IX	TYPE VII OR IX
SPECIFIC SERVICE	ALL	WHITE/BLUE	TYPE VII OR IX	TYPE VII OR IX
ALL OTHER PERMANENT SIGNS		BLACK/WHITE (EXCEPT WHERE SPECIFIED IN THE MUTCD)	TYPE VII OR IX	TYPE VII OR IX

- ALL REGULATORY, WARNING, SPECIAL, AND GUIDE SIGNS SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS. LEGEND AND BACKGROUND TO BE SAME SHEETING TYPE.
- ONLY 0.125 INCHES THICK ALUMINUM PANEL SIGNS ARE PERMITTED FOR WARNING AND REGULATORY SIGNS.
- ANTI-GRAFFITI COATING, WITH UV INHIBITOR, SHALL BE APPLIED ON ALL REGULATORY, WARNING, GUIDE AND SPECIAL SIGNS.
- QUANTITIES MAY VARY AS FIELD CONDITIONS DICTATE. THE CONTRACTOR WILL BE PAID FOR ACTUAL QUANTITIES USED.
- ALL TRAFFIC CONTROL DEVICES SHALL COMPLY WITH NM STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION (LATEST EDITION) AND ANY APPLICABLE SPECIAL PROVISION AND/OR SUPPLEMENTAL SPECIFICATION. ALSO THE DEVICES SHALL COMPLY WITH THE CURRENT EDITION, WITH REVISIONS, OF THE MUTCD.
- EACH SIGN FACE SHOWN ON PLANS SHALL MEET THE SPECIFICATIONS IN THE STANDARD HIGHWAY SIGNS MANUAL (CURRENT EDITION) FOR PROPER ARRANGEMENT, SPACING OF LETTERS, LETTER HEIGHT, SYMBOLS AND BORDERS FOR THE SPECIFIED SIZE AND MESSAGE AS SHOWN ON PLANS. ALL SPECIAL SIGN FACE DETAILS SHALL BE SUBMITTED TO THE NMDOT FOR REVIEW AND APPROVAL.
- POST LENGTHS ARE BASED ON A MINIMUM OF 5 FT FOR RURAL ROADWAY SECTIONS TO A MINIMUM OF 7 FT FOR URBAN AND INTERSTATE ROADWAY SECTIONS. THE LENGTHS ARE MEASURED FROM THE BOTTOM OF THE SIGN TO NEAR EDGE OF THE DRIVING LANE.
- ALL SIGNING HARDWARE, INCLUDING BUT NOT LIMITED TO, BRACKETS, BANDING, BUCKLES, FASTENERS, SCREWS AND WASHERS, ETC. ARE CONSIDERED INCIDENTAL TO SIGN INSTALLATION. THEREFORE, NO PAYMENT WILL BE MADE.
- THREE 4 LB/FT SIGN POST INSTALLATION APPROVED ONLY IF THE SPAN BETWEEN THE OUTER POSTS EXCEEDS 85" (SIGN WIDTH OF 98" OR GREATER).
- 3'-6" BASE POST ARE REQUIRED FOR ALL SMALL SIGN POSTS. SEE STANDARD SERIAL DRAWING 701-02-1/3 FOR DETAILS. BASE POSTS SHALL BE 2.5"x2.5" SQUARE.
- SIGN POSTS SHALL BE 2.25"x2.25" SQUARE TUBING OR AS APPROVED BY THE PROJECT MANAGER, THE DISTRICT TRAFFIC ENGINEER OR HIS/HER DESIGNEE.
- THE LATERAL CLEARANCE OF SIGNS SHALL BE NO CLOSER THAN THE 6 FT FROM THE EDGE OF SHOULDER OR 12 FT FROM THE EDGE OF TRAVELED WAY FOR RURAL AREAS AND NO CLOSER THAN 2 FT FROM FACE OF CURB FOR URBAN AREAS.
- CONTRACTOR SHALL FIELD VERIFY ALL SIGNING, TEXT, AND LOCATIONS PRIOR TO FABRICATION AND INSTALLATION. NEW SIGN LOCATIONS SHALL BE APPROVED BY THE PROJECT MANAGER OR THE DISTRICT TRAFFIC ENGINEER.
- HOT THERMOPLASTIC PAVEMENT MARKINGS SHALL TO BE USED ON ALL STRIPING (LONG LINES, LEGENDS, SYMBOLS, ETC.) THE THERMOPLASTIC PAVEMENT MARKING SHALL BE APPLIED AT A THICKNESS OF 90 MIL. THE APPROVED THERMOPLASTIC MARKING APPLICATION METHOD SHALL BE EITHER GRAVITY EXTRUSION OR REGION APPLICATION.
- THE CONTRACTOR SHALL MARK ALL LOCATIONS IN THE FIELD IN WHICH PAVEMENT MARKINGS, SUCH AS LEGENDS, ARROWS, CROSSWALKS, STOP BARS, ETC. ARE TO BE PLACED. THIS PAVEMENT MARKING LAYOUT SHALL BE CONSIDERED INCIDENTAL. THE CONTRACTOR SHALL OBTAIN CONCURRENCE FROM THE DISTRICT TRAFFIC ENGINEER (OR HIS/HER DESIGNEE) BEFORE THE FINAL MARKINGS ARE APPLIED.
- WATER BLASTING IS THE ONLY APPROVED METHOD OF EXISTING STRIPE REMOVAL WITHIN DISTRICT THREE. THE USE OF BLACK PAINT AS A METHOD OF REMOVING OR COVERING EXISTING STRIPING IS STRICTLY PROHIBITED. WHEN WATER BLASTING ON OPEN GRADED FRICTION COURSE (OGFC) OR ON THE FINAL LIFTTIT OF THE EXISTING PAVEMENT, THE CONTRACTOR SHALL APPLY A SEAL TO THE WATER BLASTED AREA AND SEAL SHALL BE INCIDENTAL TO REMOVAL OF PAVEMENT STRIPE.

TERRA WEST, LLC 5571 MIDWAY PARK PLACE NE ALBUQUERQUE, NEW MEXICO 87109 (505) 858-3100 www.tierrowestllc.com	
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP	
TITLE: SAFSTOR STORAGE CENTRAL AVENUE STRIPING AND SIGNAGE PLAN	
DESIGN REVIEW COMMITTEE APPROVED Mar. 13, 2023 DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL APPROVED Apr. 19, 2023 CITY ENGINEER
CITY PROJECT NO. 505291	ZONE MAP NO. L-8-Z
SHEET 16	OF 19

1. INSTALL STABILIZED CONSTRUCTION ENTRANCES.
2. POST PUBLIC NOTICE PER DETAIL
3. INSTALL DOWN GRADIENT PERIMETER CONTROLS.
4. PROVIDE TEMPORARY STABILIZATION OF DISTURBED AREAS OR STOCKPILES.
5. START CONSTRUCTION OF BUILDING PAD AND STRUCTURES.
6. FINISH GRADING THE SITE.
7. COMPLETE SITE FINAL STABILIZATION

THE UNDISTURBED AND PRE-CONSTRUCTION GROUND COVER CONSISTS OF MODERATELY COMPACTED SOILS WITH SOME NATIVE GRASSES, WEEDS, AND SHRUBS.

NATURE OF CONSTRUCTION ACTIVITIES: ROUGH/FINE GRADING OF THE SITE, INSTALLATION OF PRIVATE UTILITIES (WATER, SANITARY, & STORM), PAVING OF ONSITE PARKING, CURB, AND SIDEWALKS, AND CONSTRUCTION OF BUILDING.

PROPERTY SIZE: 4.2 ACRES

DISTURBED AREA SIZE: 2.7 ACRES

DESCRIPTION OF CONSTRUCTION SUPPORT ACTIVITIES: EQUIPMENT STAGING
YARD, MATERIALS STORAGE AREA, EXCAVATED MATERIALS DISPOSAL/STORAGE
AREAS.

1. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY.
2. 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 INTERIM STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1985.
3. TWO WORKING DAYS PRIOR TO 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 CONNECTIONS. SHOULD A DISCREPANCY OR CONFLICT IN LOCATION BE NOTICED, THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
5. BACKFILL COMPACTION SHALL BE ACCORDING TO TRAFFIC/STREET USE.
6. MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED.
7. WORK ON ARTERIAL STREETS SHALL BE PERFORMED ON A 24-HOUR BASIS.

TPS TEMPORARY PARKING AND STORAGE

LIMITS OF DISTURBANCE

SB TEMPORARY SEDIMENT BASIN

OF TEMPORARY STONE CONSTRUCTION EXIT

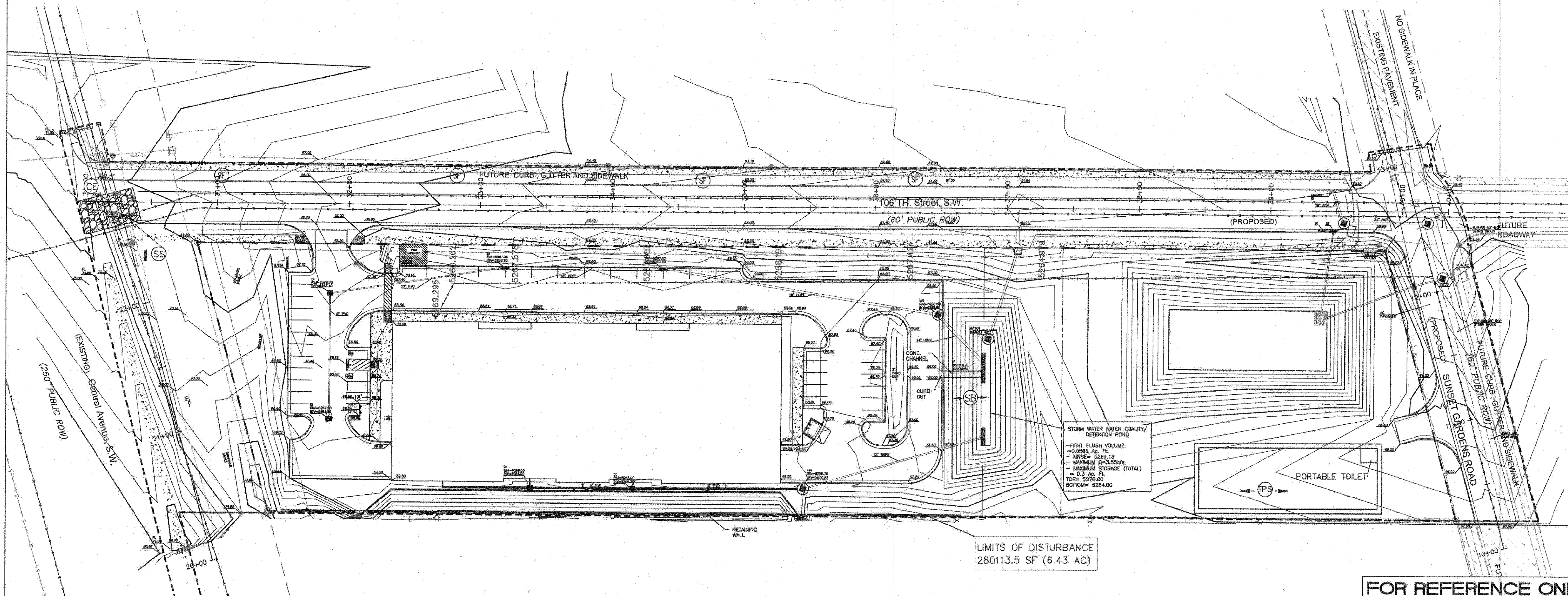
— ~~SF~~ — SF TEMPORARY SILT FENCE

SS 2 SWPPP SGN

SE 80 SUI T FENCE

25

Report - Maricao Fragment Count Fragments										
Bernillo, County and Parts of Sanford and Valencia Counties, New Mexico										
Map symbol and soil name	Horizon	Depth	Sand	Silt	Clay	Total fragments	Fragments 2-24 mm	Fragments 25-249 mm	Fragments 250-999 mm	Fragments >=600 mm
		in	L-RV-H Pct	L-RV-H Pct	L-RV-H Pct	RV Pct	RV Pct	RV Pct	RV Pct	RV Pct
END - Bluepoint-Cocan association, lilly										
Bluepoint	H1	0-8	75	17	2-4-5	—	—	—	—	—
	H2	8-60	75	17	2-4-5	21	21	—	—	—
	H3	60-8	75	17	2-4-5	24	24	—	—	—
	H4	8-60	80	2	9-10	49	49	—	—	—
PAC - Patagonia loamy fine sand, 1 to 9 percent slope										
Patagonia	H1	0-3	82	8	9-12	—	—	—	—	—
	H2	3-42	68	14	15-18-20	8	8	—	—	—
	H3	42-69	67	14	15-20-24	8	8	—	—	—



OPERATOR 1 NAME: _____
PHONE: _____
EMAIL: _____

OPERATOR 2 NAME: _____
PHONE: _____
EMAIL: _____

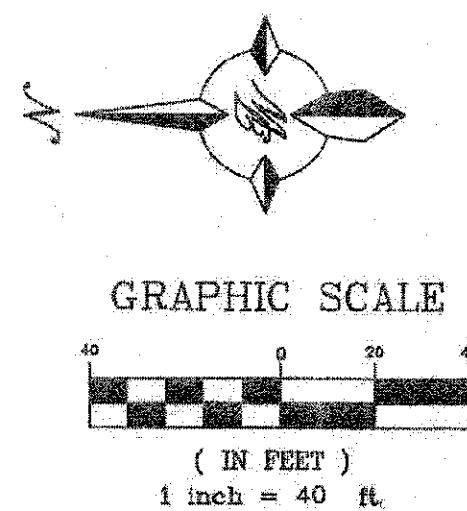
OPERATOR 3 NAME: _____
PHONE: _____
EMAIL: _____

BMP INSTALLATION, MAINTENANCE AND CORRECTIVE ACTIONS

PHONE: _____
EMAIL: _____

INSPECTIONS NAME: _____
PHONE: _____
EMAIL: _____

THE PURPOSE OF THIS SWPPP IS TO APPLY SWPPP CONTROLS THAT ARE REQUIRED DURING DEVELOPMENT OF SITE.



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(505) 858-3100
www.tierrawestllc.com

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

SAFStor STORAGE
EROSION CONTROL PLAN

DESIGN REVIEW COMMITTEE

CITY ENGINEER APPROVAL

MO./DAY/YR.

MO./DAY/YR.	MO./DAY/YR.
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CITY PROJECT NO. 505291

ZONE MAP NO.
L-8-Z

SHEET 17 OF 19

ESC PLAN STANDARD NOTES:

1. ALL EROSION AND SEDIMENT CONTROL (ESC WORK) ON THESE PLANS, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON SHALL BE PERMITTED, CONSTRUCTED, INSPECTED, AND MAINTAINED IN ACCORDANCE WITH:
- a. THE CITY ORDINANCE **14-5-2-11, THE ESC ORDINANCE.
 - b. THE EPA'S 2017 CONSTRUCTION GENERAL PERMIT (CGP), AND
 - c. THE CITY OF ALBUQUERQUE CONSTRUCTION BMP MANUAL.
2. ALL BMP'S MUST BE INSTALLED PRIOR TO BEGINNING ANY EARTH MOVING ACTIVITIES EXCEPT AS SPECIFIED HEREON IN THE PHASING PLAN. CONSTRUCTION OF EARTHEN BMP'S SUCH AS SEDIMENT TRAPS, SEDIMENT BASINS, AND DIVERSION BERMS SHALL BE COMPLETED AND INSPECTED PRIOR TO ANY OTHER CONSTRUCTION OR EARTHWORK. SELF-INSPECTION IS REQUIRED AFTER INSTALLATION OF THE BMP'S AND PRIOR TO BEGINNING CONSTRUCTION.
3. SELF-INSPECTIONS - AT A MINIMUM A ROUTINE COMPLIANCE SELF-INSPECTION IS REQUIRED TO REVIEW THE PROJECT FOR COMPLIANCE WITH THE CONSTRUCTION GENERAL PERMIT ONCE EVERY 14 DAYS AND AFTER ANY PRECIPITATION EVENT OF 1 INCH OR GREATER UNTIL THE SITE CONSTRUCTION HAS BEEN COMPLETED AND THE SITE DETERMINED AS STABILIZED BY THE CITY. REPORTS OF THESE INSPECTIONS SHALL BE KEPT BY THE PERSON OR ENTITY AUTHORIZED TO DIRECT THE CONSTRUCTION ACTIVITIES ON THE SITE AND MADE AVAILABLE UPON REQUEST.
4. CORRECTIVE ACTION REPORTS MUST BE KEPT BY THE PERSON OR ENTITY AUTHORIZED TO DIRECT THE CONSTRUCTION ACTIVITIES ON THE SITE AND MADE AVAILABLE UPON REQUEST.
5. STABILIZATION REPORTS MUST BE KEPT BY THE PERSON OR ENTITY AUTHORIZED TO DIRECT THE CONSTRUCTION ACTIVITIES ON THE SITE AND MADE AVAILABLE UPON REQUEST. REPORTS SHOULD INCLUDE RECORDS OF WEED REMOVAL PER CITY ORDINANCE (**9-8-1), STERILIZATION, SOIL TEST RESULTS AND RECOMMENDATION, MATERIALS AND MANUFACTURER'S SPECIFICATIONS FOR APPLICATION RATES, ESTIMATED FUNCTIONAL LONGEVITY, METHODS OF APPLICATION, INSPECTION AND MAINTENANCE. THE REDUCED SELF-INSPECTION SCHEDULE IN CGP 4.4.1 APPLIES TO STABILIZED AREA AND ANY DAMAGED OR WORN STABILIZATION MUST BE IDENTIFIED IN THE REPORTS ALONG WITH WEED PROBLEMS. CORRECTIVE ACTIONS FOR STABILIZATION SHALL BE DOCUMENTED IN A STABILIZATION REPORT INCLUDING ACTUAL RATES AND DATES OF STABILIZATION, AND THE MATERIALS AND MANUFACTURER'S SPECIFICATIONS USED.
6. BMP'S SHALL BE INSPECTED AND MAINTAINED UNTIL ALL DISTURBED AREAS ARE STABILIZED IN ACCORDANCE WITH THE FINAL STABILIZATION CRITERIA (CGP 2.2.14.b). GENERALLY, ALL DISTURBED AREAS, OTHER THAN STRUCTURES AND IMPERVIOUS SURFACES, MUST HAVE UNIFORM PERENNIAL VEGETATION THAT PROVIDES 70 PERCENT OR MORE OF THE COVER PROVIDED BY NATIVE VEGETATION OR SEED THE DISTURBED AREA AND PROVIDE NON-VEGETATIVE MULCH THAT PROVIDES COVER AT LEAST THREE YEARS WITHOUT ACTIVE MAINTENANCE. FINAL STABILIZATION MUST BE APPROVED BY THE CITY OF ALBUQUERQUE PRIOR TO REMOVAL OF BMP'S AND DISCONTINUATION OF INSPECTIONS.

GENERAL EROSION NOTES:

- A. THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) IS COMPRISED OF THE SWPPP BOOK, THE 2017 GENERAL CONSTRUCTION PERMIT, THIS DRAWING ("TEMPORARY EROSION CONTROL AND SEDIMENTATION PLAN"), STANDARD DETAILS ("TEMPORARY EROSION CONTROL AND SEDIMENTATION DETAILS"), EPA NOTICE OF INTENT PERMIT AND ALL SUBSEQUENT REPORTS, CORRECTIVE ACTIONS AND EROSION CONTROL RELATED DOCUMENTS.
- B. ALL OPERATORS AS DESIGNATED, CONTRACTORS AND SUBCONTRACTORS INVOLVED WITH SITE ACTIVITIES RELATED TO STORM WATER POLLUTION PREVENTION SHALL REVIEW A COPY OF THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP), THE 2017 CONSTRUCTION GENERAL PERMIT, THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES), THE CLEAN WATER ACT OF 1972 AND BECOME FAMILIAR WITH THEIR CONTENTS.
- C. THE OPERATOR IN CONTROL OF DAILY SITE ACTIVITIES SHALL IMPLEMENT BEST MANAGEMENT PRACTICES AS REQUIRED BY THE SWPPP. ADDITIONAL BEST MANAGEMENT PRACTICES SHALL BE IMPLEMENTED AS DICTATED BY CONDITIONS THAT MAY OCCUR AT AN ADDITIONAL COST TO PROJECT OWNER THROUGHOUT ALL PHASES OF CONSTRUCTION.
- D. BEST MANAGEMENT PRACTICES (BMP'S) AND CONTROLS SHALL CONFORM TO ALL FEDERAL, STATE, OR LOCAL REQUIREMENTS OR MANUAL OF PRACTICE, AS APPLICABLE. OPERATOR WITH CONTROL OF DAILY SITE ACTIVITIES SHALL IMPLEMENT ADDITIONAL CONTROLS AS DIRECTED BY PERMITTING AGENCY, LOCAL JURISDICTIONAL AUTHORITY OR SWPPP COMPLIANCE INSPECTOR.
- E. THE TEMPORARY EROSION CONTROL AND SEDIMENTATION PLAN IS A WORKING DOCUMENT AND IS REQUIRED TO BE UPDATED WITHIN 24 HOURS OF ANY CHANGES WHEN BMP'S ARE REPAIRED, RELOCATED OR REMOVED BY NOTING ON THE PLAN THE AREAS AND DATES OF THE REPAIRS, RELOCATIONS OR REMOVALS. AN ACTIVE COPY OF THE PLAN SHALL BE POSTED IN THE JOB SITE TRAILER ON-SITE AND MUST BE MAINTAINED CURRENT AT ALL TIMES.
- F. CONTRACTOR SHALL MINIMIZE CLEARING AND EARTH DISTURBANCE TO THE MAXIMUM ACREAGE AS REQUIRED BY THE EPA CONSTRUCTION GENERAL PERMIT.
- G. CONTRACTOR SHALL DENOTE ON THIS PLAN, THE LOCATION OF TEMPORARY PARKING, STORAGE, PORTABLE SANITARY FACILITIES, OFFICE TRAILERS, AND ALL SUPPORT AREAS. RELOCATIONS OF EACH SHALL ALSO BE DOCUMENTED AS THEY OCCUR.
- H. ALL WASH OUT WATER USED FOR CONCRETE, MASONRY, PAINT AND OTHER MATERIALS SHALL HAVE ADEQUATE SIGNAGE WITH PROPER CONTAINMENT AND DISPOSED OF PROPERLY WHEN CAPACITY REACHES 50% OR PER VENDOR RECOMMENDATIONS. VENDORS AND TRADESMEN SHALL BE INFORMED OF THE REQUIREMENTS TO USE THE WASH OUT.
- I. A SPILL KIT SHALL BE READILY AVAILABLE TO CONTAIN AND CLEAN-UP FUEL OR CHEMICAL SPILLS AND LEAKS. A DISCHARGE OF ANY MATERIAL IN A QUANTITY THAT MAY WITHIN REASONABLE PROBABILITY CAUSE, INJURE OR BE DETRIMENTAL TO HUMAN HEALTH, ANIMAL OR PLANT LIFE, OR PROPERTY, OR INTERFERE WITH THE PUBLIC WELFARE MUST BE REPORTED TO THE NEW MEXICO ENVIRONMENTAL DEPARTMENT HOTLINE AT (505) 827-9329 FOR EMERGENCIES OR FOR NON EMERGENCIES AT (888)-428-6535.
- J. IF UNSURE IF THE SPILL IS OF A SIGNIFICANT QUANTITY, THE SPILL SHOULD BE REPORTED TO THE HOTLINE AND INFORMATION PROVIDED WITH DETAILS OF THE SPILL FOR FURTHER ACTIONS.
- K. DUST DURING CONSTRUCTION OPERATIONS SHALL BE FREQUENTLY CONTROLLED BY WATER SUPPRESSION METHODS ONLY. EARTH DISTURBING OPERATIONS SHALL CEASE IF HIGH WINDS ABOVE 35 MPH ARE PRESENT. THE USE OF MOTOR OILS AND OTHER PETROLEUM BASED OR TOXIC LIQUIDS IS STRICTLY PROHIBITED. OTHER CHEMICALS USED FOR DUST SUPPRESSION MUST BE APPROVED BY THE EPA PRIOR TO THEIR USE.
- L. RUBBISH, TRASH, GARBAGE, LITTER, OR OTHER SUCH MATERIALS SHALL BE DEPOSITED INTO SEALED, COVERED, LEAK PROOF CONTAINERS. CONTAINERS SHALL BE DISPOSED OF PROPERLY WHEN CAPACITY IS REACHED. MATERIALS SHALL BE PREVENTED FROM LEAVING THE PREMISES THROUGH THE ACTION OF WIND OR STORMWATER.
- M. ALL STORM WATER POLLUTION PREVENTION MEASURES AND CONTROLS PRESENTED ON THIS PLAN, AND IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE INITIATED PER THE SEQUENCE OF CONSTRUCTION AS NOTED.
- N. DISTURBED PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITY HAS BEEN TEMPORARILY SUSPENDED FOR 14 DAYS, SHALL HAVE TEMPORARILY STABILIZATION IN PLACE NO LATER THAN 14 DAYS FROM THE LAST DATE OF CONSTRUCTION ACTIVITY OCCURRING THESE AREAS.
- O. TEMPORARY COVER AND FINAL STABILIZATION (PART 2.2.12 (a) AND (b) RESPECTIVELY ARE TO BE PER COA STD SPEC 1012 NATIVE SEED WITH HYDROMULCH AND AGGREGATE MULCH (2'-4") RESPECTIVELY.
- P. IF THE ACTION OF VEHICLES OR EQUIPMENTS TRAVELING OVER THE CONSTRUCTION ENTRANCES IS NOT SUFFICIENT TO REMOVE THE MAJORITY OF DIRT OR MUD FROM LEAVING THE SITE, THEN THE LENGTH OF THE EXIT SHOULD BE EXTENDED TO PROVIDE ADDITIONAL TIRE ROTATIONS. LARGER ROCK MAY BE USED TO CREATE A SUFFICIENT JARRING MOTION OR INSTALL A TIRE WASH OFF WITH A SEDIMENT TRAP BEFORE LEAVING THE SITE.
- Q. ALL MATERIALS SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ROADWAYS OR INTO STORM DRAINS MUST BE REMOVED IMMEDIATELY.
- R. THE OPERATOR IN CHARGE OF THE DAILY SITES ACTIVITIES WILL BE RESPONSIBLE FOR REMOVING SEDIMENT OR SOILS ACCUMULATING MORE THAN 50% OF THE DESIGN CAPACITY IN DETENTION PONDS, SILT FENCING OR OTHER SIMILAR EROSION CONTROLS.
- S. ON-SITE & OFF-SITE SOIL STOCKPILE AND BORROW AREAS SHALL BE PROTECTED FROM EROSION AND SEDIMENTATION THROUGH IMPLEMENTATION OF BEST MANAGEMENT PRACTICES AS REQUIRED PER THE CONSTRUCTION GENERAL PERMIT. STOCKPILE AND BORROW AREA LOCATIONS SHALL BE NOTED ON THE ESC PLAN AND PERMITTED IN ACCORDANCE WITH LOCAL AUTHORITIES HAVING JURISDICTIONAL CONTROL.
- T. SLOPES SHALL BE LEFT WITH CROSS SLOPE GRADING PATTERN AND IN A ROUGHENED CONDITION DURING THE GRADING PHASE TO REDUCE RUNOFF VELOCITIES AND EROSION RILLS. EXCESSIVE SLOPES MAY REQUIRE ADDITIONAL INDUSTRY STANDARD CONTROLS TO PREVENT EROSION.
- U. DUE TO THE GRADE CHANGES DURING THE DEVELOPMENT OF THE PROJECT, THE OPERATOR IN CONTROL OF THE SITE'S DAILY ACTIVITIES SHALL BE RESPONSIBLE FOR ADJUSTING AND MAINTAINING ALL EROSION CONTROL TO PREVENT EROSION.
- V. ALL DISTURBED AREAS SHALL BE SUPPRESSED BY WATER AND ALL CONTROLS LEFT IN GOOD WORKING CONDITION AT THE END OF EACH WORKING DAY. THIS INCLUDES REPLACEMENT OF SILT FENCING AND/OR OTHER SURFACE CONTROLS, TRACK OUT SWEEP CLEAN, BACKFILL OF OPEN TRENCHES AND ANY OTHER EROSION CONTROLS.

BMP MAINTENANCE

ALL MEASURES STATED IN THIS EROSION AND SEDIMENT CONTROL PLAN, AND IN THE STORM WATER POLLUTION PREVENTION PLAN, SHALL BE MAINTAINED IN FULLY FUNCTIONAL CONDITION UNTIL NO LONGER REQUIRED FOR A COMPLETED PHASE OF WORK OR UNTIL FINAL STABILIZATION OF THE SITE IS ACHIEVED. ALL EROSION AND SEDIMENTATION CONTROL MEASURES SHALL BE INSPECTED AT THE END OF THE WORKDAY BY A QUALIFIED MEMBER OF THE SWPPP COMPLIANCE TEAM. THE OPERATOR WITH CONTROL OF THE SITES DAILY ACTIVITIES IS RESPONSIBLE TO MAINTAIN, CLEAN AND REPAIR EROSION CONTROLS IN ACCORDANCE WITH THE FOLLOWING:

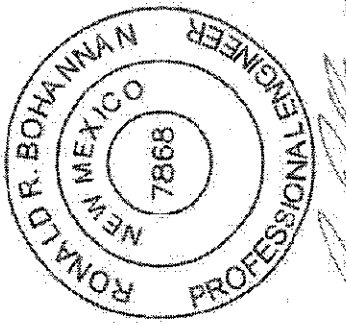
1. INLET PROTECTION DEVICES AND BARRIERS SHALL BE REPAIRED OR REPLACED, IF THEY SHOW SIGNS OF UNDERMINING OR DETERIORATION. SEDIMENT SHALL BE REMOVED TO INSURE PROPER FLOWS. INLET PROTECTION TYPES MAY NEED TO BE MODIFIED DURING THE CONSTRUCTION PROCESS.
2. ALL SEEDED AREAS SHALL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND OF VEGETATION IS MAINTAINED. AREAS SHOULD BE FERTILIZED, WATERED, AND RE-SEEDED AS NEEDED.
3. SILT FENCES, WADDLES OR OTHER CONTROLS SHALL BE REPLACED OR REPAIRED TO PROPER FUNCTIONING CONDITION, IF DAMAGED. SEDIMENT AND SOIL SHALL BE REMOVED WHEN REACHES ONE-HALF THE HEIGHT OF THE CONTROL.
4. THE CONSTRUCTION EXITS SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OF SEDIMENT ONTO PUBLIC OR PRIVATE ROADWAYS. THIS MAY REQUIRE PERIODIC TOP DRESSING, EXTENDING OR OTHER MODIFICATIONS TO THE CONSTRUCTION EXITS AS CONDITIONS DEMAND. SITE TRAFFIC SHOULD BE LIMITED TO THE CONTROLLED EXITS ONLY.
5. SEDIMENTATION BASINS SHALL BE MAINTAINED IN OPERATIONAL CONDITIONS AT ALL TIMES. SEDIMENT SHALL BE REMOVED FROM SEDIMENT BASINS OR TRAPS WHEN THE DESIGN CAPACITY HAS BEEN REDUCED BY 50%.
6. REFERENCE THE SWPPP BOOK FOR ALL EROSION CONTROL MAINTENANCE PROCEDURES AND FREQUENCIES. CONSULT THE SWPPP PREPARER WITH ANY QUESTIONS REGARDING THIS SWPPP AND ITS REQUIREMENTS.

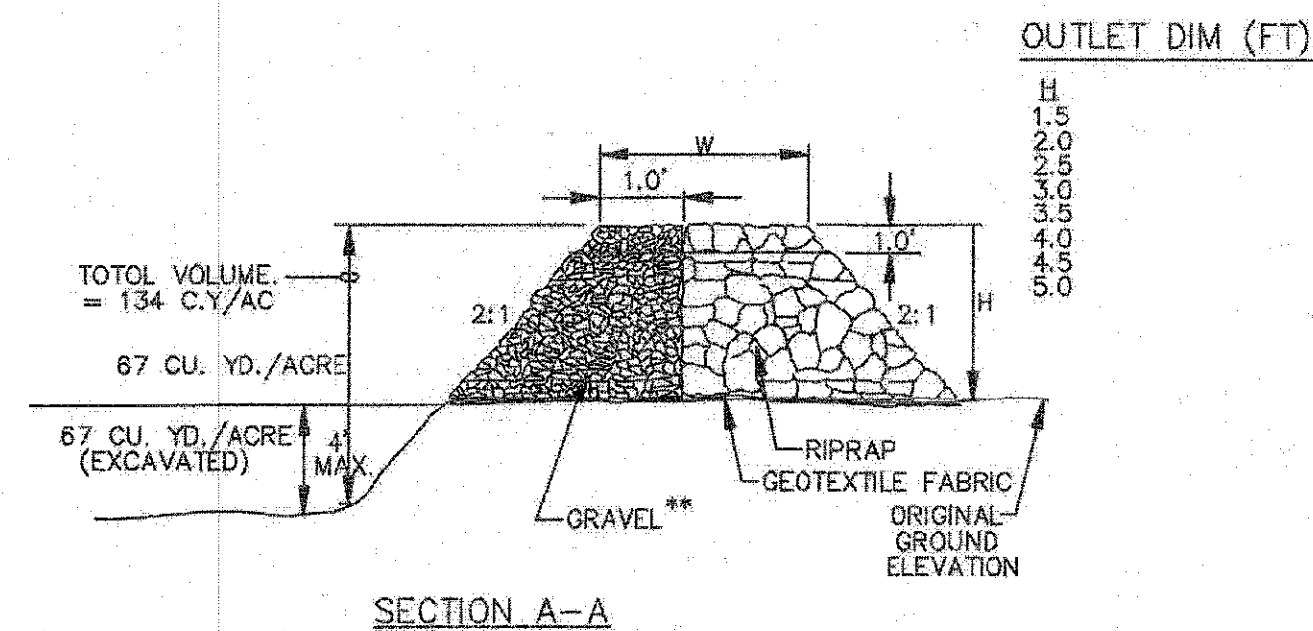
EROSION CONTROL NOTES:

1. CONTRACTOR IS RESPONSIBLE FOR OBTAINING A TOPSOIL DISTURBANCE PERMIT FROM THE LOCAL JURISDICTIONAL AUTHORITY PRIOR TO BEGINNING WORK.
2. THE OPERATOR WITH CONTROL OF THE DAILY SITES ACTIVITIES IS RESPONSIBLE FOR MAINTAINING RUN-OFF and RUN ON OF SITE DURING CONSTRUCTION.
3. THE OPERATOR WITH CONTROL OF THE DAILY SITES ACTIVITIES IS RESPONSIBLE FOR CLEANING ALL SEDIMENT THAT GETS INTO EXISTING RIGHT-OF-WAY. REPAIR OF DAMAGED FACILITIES AND CLEANUP OF SEDIMENT ACCUMULATIONS ON ADJACENT PROPERTIES AND IN PUBLIC FACILITIES IS THE RESPONSIBILITY OF THE CONTRACTOR.
4. ALL EXPOSED EARTH SURFACES MUST HAVE APPROPRIATE CONTROLS TO PROTECT FROM WIND AND WATER EROSION DURING ALL PHASES OF THE PROJECT.
5. STOCKPILES INACTIVE FOR 14 DAYS ARE REQUIRED TO HAVE TEMPORARY STABILIZATION OR APPROPRIATE COVER TO CONTROL WIND AND WATER EROSION.
6. THE OPERATOR WITH CONTROL OF THE DAILY SITES ACTIVITIES IS REQUIRED TO MAINTAIN ALL SITE BMP'S IN GOOD CONDITION FOR THE DURATION OF THE PROJECT UNTIL A NOTICE OF TERMINATION IS ACCEPTED BY THE EPA.
7. IF SITE EARTH DISTURBANCES EXCEED 5 ACRES AT ANY ONE TIME, TEMPORARY AND/OR PERMANENT STABILIZATION MUST BE COMPLETED WITHIN 7 DAYS WHEN AREA BECOMES INACTIVE OR EARTH DISTURBING ACTIVITIES ARE COMPLETE. SITE EARTH DISTURBANCES OF LESS THAN 5 ACRES, HAVE 14 DAYS TO PROVIDE TEMPORARY OR PERMANENT STABILIZATION WHEN AREA BECOMES INACTIVE OR EARTH DISTURBING ACTIVITIES ARE COMPLETE.

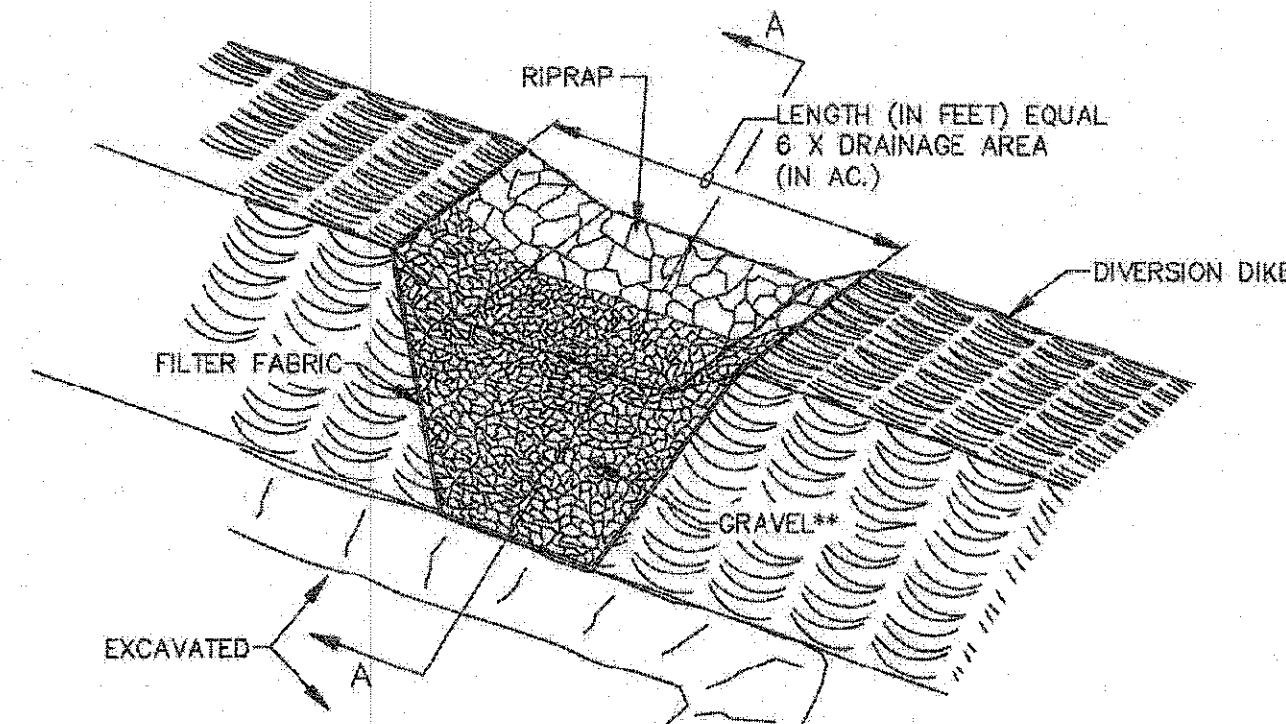
FOR REFERENCE ONLY

<div><div><div></div><div>TERRA WEST, LLC</div><div>5571 MIDWAY PARK PLACE NE ALBUQUERQUE, NEW MEXICO 87139 (505) 858-3100 www.tierawestllc.com</div></div></div>	
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP	
TITLE: SAFSfor STORAGE EROSION CONTROL PLAN NOTES	
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
	MO./DAY/YR. MO./DAY/YR.
CITY PROJECT NO. 505291	ZONE MAP NO. L-8-Z
	SHEET 18 OF 19

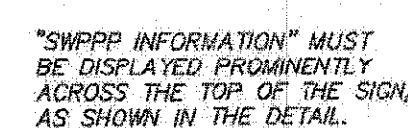
AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	WORK	AGRS. MONUMENT	DATE	FIELD NOTES	NO.		01/17/2023
SKANDANCE	DATE	STANDARD COA ALUMINUM DISC	DATE	BY			
ALS	DATE	NEW MEXICO STATE PLANE COORDINATES					
ALS	DATE	(CENTRAL ZONE-N.A.D. 1983)					
ALS	DATE	N=1,480,473.081					
MICRO-FILM INFORMATION		E=1,486,604.908					
RECORDED BY		PUBLISHED EL=5415.511 (NAD 1983)					
DATE		GROUND TO GRID FACTOR=0.99972027					
NO.		CELLA ALPHA ANGLE=-07743.24"					



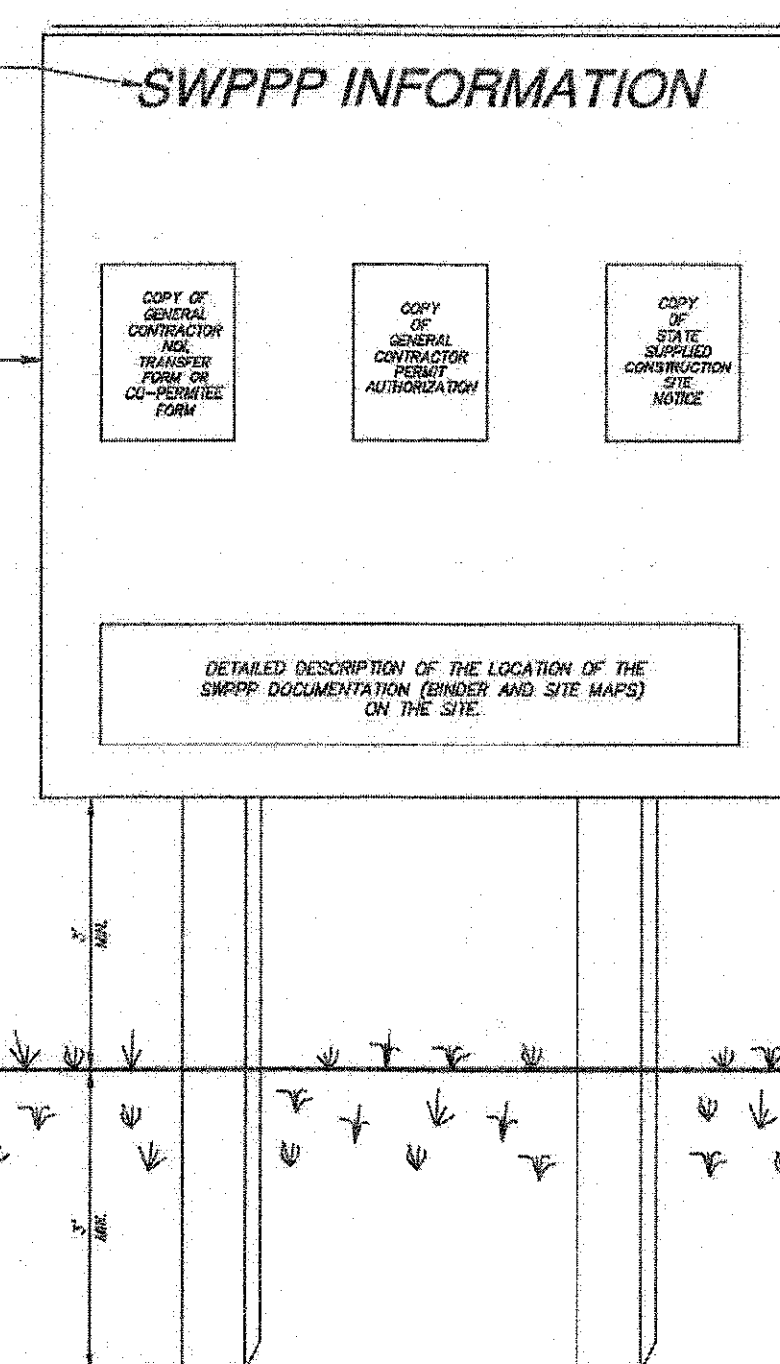
** GRAVEL SHALL BE 2"-3" CLEAN STONE



OUTLET (PERSPECTIVE)
TEMPORARY SEDIMENT TRAP



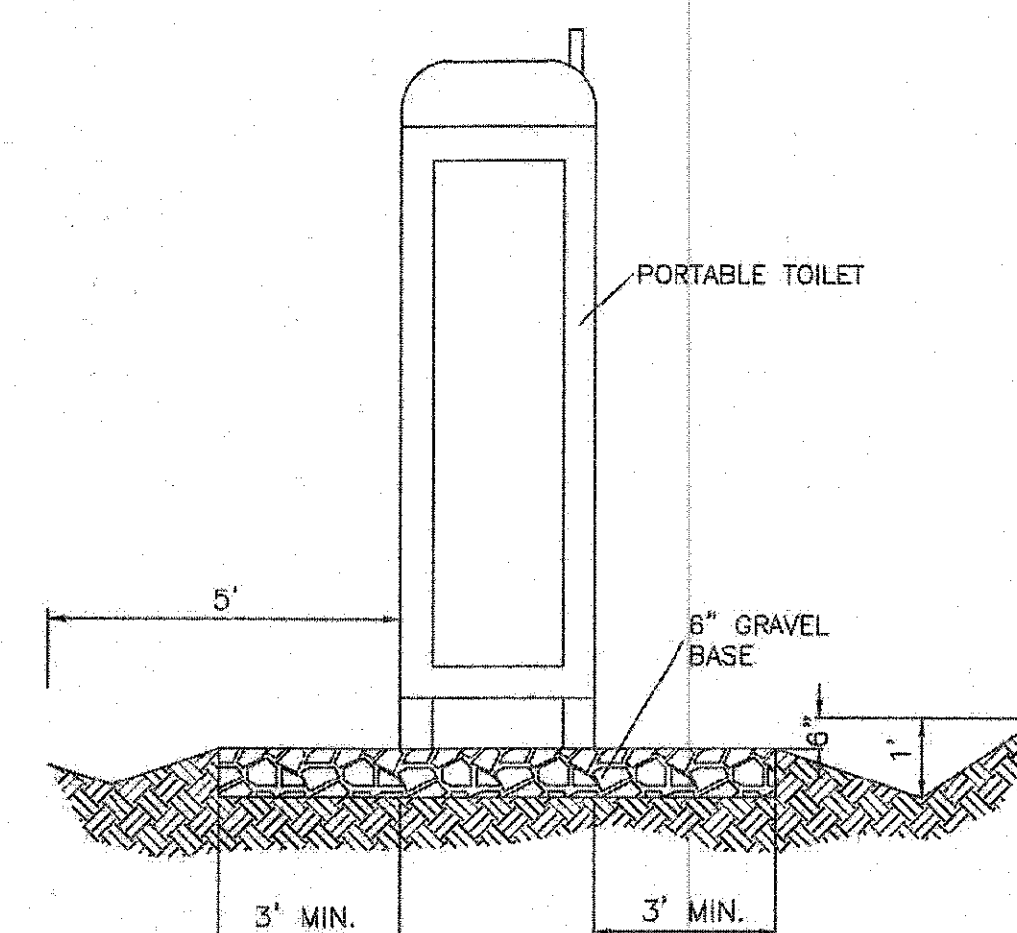
SIGN TO BE CONSTRUCTED OF A RIGID MATERIAL, SUCH AS PLYWOOD OR OUTDOOR SIGN BOARD, SIGN MUST BE CONSTRUCTED IN A MANNER TO PROTECT DOCUMENTS FROM DAMAGE DUE TO WEATHER (WIND, SUN, MOISTURE, ETC.).



NOTES:

- 1) THE SWPPP INFORMATION SIGN MUST BE LOCATED NEAR THE CONSTRUCTION EXIT OF THE SITE, SUCH THAT IT IS ACCESSIBLE AND VIEWABLE BY THE GENERAL PUBLIC, BUT NOT OBSTRUCTING VIEWS AS TO CAUSE A SAFETY HAZARD.
- 2) ALL POSTED DOCUMENTS MUST BE MAINTAINED IN A CLEARLY READABLE CONDITION AT ALL TIMES THROUGHOUT CONSTRUCTION AND UNTIL THE NOTICE-OF-TERMINATION (NOT) IS FILED FOR THE PERMIT.
- 3) CONTRACTOR SHALL POST OTHER STORM WATER AND/OR EROSION AND SEDIMENT CONTROL MEASURES AND PERMITS ON THE SITE AS REQUIRED BY THE SWPPP.
- 4) SIGN SHALL BE LOCATED OUTSIDE OF PUBLIC RIGHT-OF-WAY AND EASEMENTS UNLESS APPROVED BY THE GOVERNING AGENCY.
- 5) CONTRACTOR IS RESPONSIBLE FOR ENSURING STABILITY OF THE SWPPP INFORMATION SIGN.

SWPPP INFORMATION SIGN (SS)

PORTABLE TOILET
CONTAINMENT DETAIL[illegible]

FOR REFERENCE ONLY

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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: SAFStor STORAGE
EROSION CONTROL PLAN DETAILS

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

CITY PROJECT NO.	ZONE MAP NO.	SHEET	OF
505291	L-8-Z	19	19