

CONSTRUCTION PLANS FOR
ABQ SCHOOL OF EXCELLENCE
LOMAS BLVD ROADWAY IMPROVEMENTS

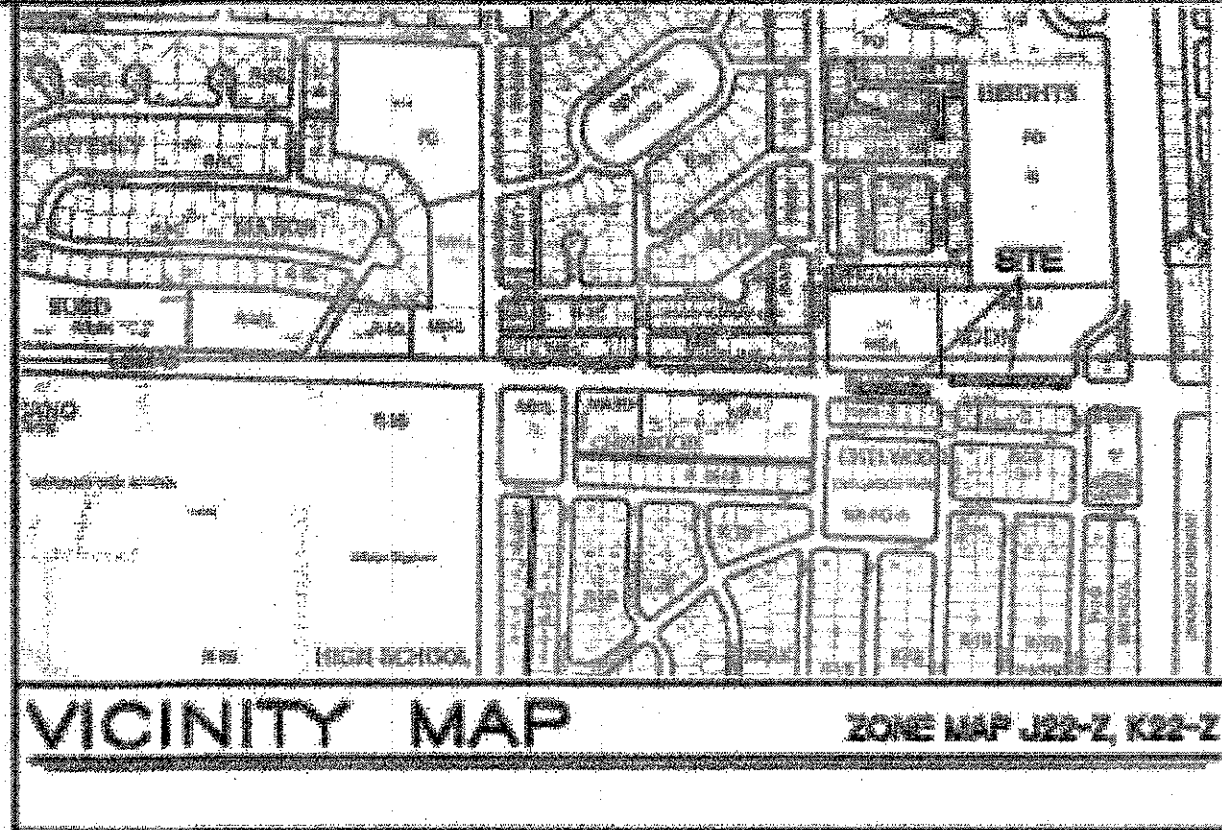
BERNALILLO COUNTY, NEW MEXICO
June, 2020

FW

APPROVED RECORD DRAWINGS	
City Inspector	Tim Sims
Contractor	Franklin's Earthmoving, Inc.
Construction Engineer	David Bishop
Date	8/31/2023

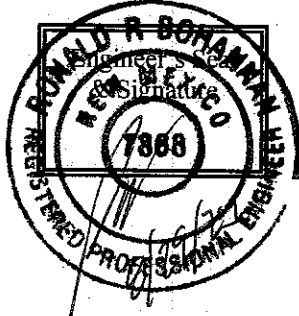
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6. LOMAS BLVD IMPROVEMENTS
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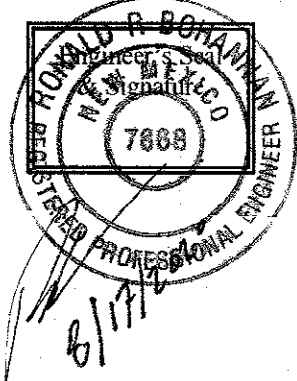
CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

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 by me 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 Sandia Surveys, NMPS number 12649



CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS (ABQ/00A)

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 Planning Department and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings.



THE INFRASTRUCTURE LIST FOR THIS PROJECT REQUIRES CERTAIN
NMDOT IMPROVEMENTS; THESE IMPROVEMENTS MUST BE
COMPLETED TO THE SATISFACTION OF NMDOT PRIOR TO
WORK-ORDER CLOSEOUT AND RELEASE OF ANY FINANCIAL GUARANTY

DRB NO. 2020-000260

TIERRA WEST, LLC
3571 HUNNY PARK PLACE NE
ALBUQUERQUE, NEW MEXICO 87109
(505) 855-3100
www.tierrawestllc.com

REV	SHEETS	COUNTY ENGINEER	DATE	USER	DEPT.	DATE	USER	DEPT.	DATE
ENGINEERS STAMP & SIGNATURE		APPROVALS		ENGINEER		DATE		APPROVED FOR CONSTRUCTION	
		DRS Chairman		<i>[Signature]</i>		8/15/2020			
		Transportation		<i>[Signature]</i>		8/9/2020			
		ABQ/00A		<i>[Signature]</i>		8/11/2020			
		Hydrology		<i>[Signature]</i>		8/9/2020			
		Traffic Engineer		<i>[Signature]</i>					
Const. Mngmt.								City Engineer Date	
Sims. Const. Public Works									
CITY PROJECT NO.		754686		SHEET		1		OF 10	

GENERAL NOTES

1. ALL WORK DETAILED ON THESE PLANS, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION THROUGH UPDATE #4, AND WILL BE REFERRED TO HEREIN AS "STANDARD SPECIFICATIONS".
2. ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, ORDINANCES, RULES, AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
3. CONTRACTOR SHALL ASSUME THE SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. CONTRACTOR SHALL DEFEND, INDEMNIFY, AND HOLD HARMLESS THE OWNER AND ENGINEER FROM ANY AND ALL LIABILITY REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPT LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.
4. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY.
5. CONTRACTOR SHALL NOTIFY THE CONSTRUCTION ENGINEER (OR PROJECT MANAGER) 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. ONLY THE CITY SURVEYOR SHALL REPLACE SURVEY MONUMENTS. 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 STANDARD SPECIFICATIONS SECTION 4.4.
6. EXISTING UTILITY LINE LOCATIONS ARE SHOWN IN AN APPROXIMATE MANNER ONLY, AND LINES MAY EXIST WHERE NONE ARE SHOWN. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR SHALL CONTACT NEW MEXICO ONE CALL SYSTEM (280-1990) FOR LOCATION OF EXISTING UTILITIES. CONTRACTOR SHALL THEN EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL PERTINENT EXISTING UTILITIES AND/OR OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY. CONTRACTOR SHALL THEN COORDINATE RELOCATION OF UTILITY LINES WITH UTILITY COMPANIES AS REQUIRED. ANY DAMAGE CAUSED BY FAILURE TO LOCATE, IDENTIFY, AND PRESERVE ANY EXISTING UTILITIES IS THE FULL RESPONSIBILITY OF THE CONTRACTOR.
7. CONTRACTOR SHALL ASSIST THE ENGINEER/INSPECTOR IN THE RECORDING OF DATA ON ALL UTILITY LINES AND ACCESSORIES AS REQUIRED BY THE CITY OF ALBUQUERQUE FOR THE PREPARATION OF "AS BUILT" DRAWINGS. CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAS BEEN RECORDED.
8. CONTRACTOR SHALL ASSUME FINANCIAL RESPONSIBILITY FOR ANY DAMAGE TO EXISTING PAVEMENT, PAVEMENT MARKINGS, SIGNAGE, CURB AND GUTTER, HANDICAP RAMPS, AND SIDEWALK DURING CONSTRUCTION APART FROM THOSE SECTIONS INDICATED ON THE PLANS, AND SHALL REPAIR OR REPLACE, PER THE STANDARD SPECIFICATIONS, ANY SUCH DAMAGE.
9. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY AND ALL GRAFFITI FROM EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
10. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE AND MAINTAIN ALL CONSTRUCTION SIGNING UNTIL THE PROJECT HAS BEEN ACCEPTED BY THE CITY AND OTHER JURISDICTIONAL AUTHORITIES WHERE APPLICABLE.
11. CONSTRUCTION ACTIVITY SHALL BE LIMITED TO THE PROPERTY AND/OR PROJECT LIMITS SHOWN. ANY DAMAGE TO ADJACENT PROPERTIES RESULTING FROM THE CONSTRUCTION PROCESS IS THE RESPONSIBILITY OF THE CONTRACTOR, INCLUDING ANY SUCH COSTS INCURRED.
12. REMOVALS SHALL BE DISPOSED OF OFF-SITE AND SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

TRANSPORTATION

1. ANY STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH THERMO-PLASTIC REFLECTORIZED PAVEMENT MARKING BY CONTRACTOR TO THE SAME LOCATION AS EXISTING OR AS INDICATED BY THIS PLAN SET.
2. REMOVAL OF EXISTING CURB & GUTTER AND SIDEWALKS SHALL BE TO THE NEAREST JOINT.
3. OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAYS OR DESIGNATED TRAFFIC LANES. THE CONTRACTOR SHALL NOT STORE ANY EQUIPMENT OR MATERIAL WITHIN THE PUBLIC RIGHT-OF-WAY.
4. CURB AND GUTTER, SIDEWALKS, AND DRIVE PADS SHALL MATCH THE LINE AND GRADE OF ADJUTING EXISTING AREAS AS SHOWN ON THE PLANS OR AS DIRECTED BY THE PROJECT ENGINEER.
5. THE SUBGRADE PREP SHALL EXTEND ONE FOOT BEYOND THE FREE EDGE OF NEW CURB AND GUTTER AND SIDEWALK.
6. CONTRACTOR TO TEST SUBGRADE R-VALUE PRIOR TO CONSTRUCTION. IN THE EVENT THE R-VALUE IS LESS THAN 50, REMOVE 2 FEET OF SUBGRADE MATERIAL AND IMPORT MATERIAL WITH R-VALUE GREATER THAN 50 OR CONTACT THE ENGINEER IMMEDIATELY SO THE PAVEMENT SECTION CAN BE MODIFIED.
7. AT ALL PAVEMENT REMOVAL AND REPLACEMENTS, SAW-CUT EDGES SHALL BE STRAIGHT AND CLEAN, AND LONGITUDINAL JOINTS SHALL NOT BE PLACED WITHIN WHEEL PATHS. PATCHES SHALL BE REGULAR AND SQUARE OR RECTANGULAR, WITH FOUR STRAIGHT SIDES. FINISHED PAVEMENT SURFACE SHALL BE FLUSH WITH EXISTING PAVEMENT SURFACE, WITH NO SPOILOVER OF ASPHALT OR TACK COAT. CARE MUST BE TAKEN TO AVOID DAMAGING THE INTEGRITY OR APPEARANCE OF SURROUNDING PAVEMENTS; IF DAMAGED, THE ENTIRE SURFACE PATCH MUST BE EXPANDED TO COVER DAMAGES.
8. CONTRACTOR WILL ENSURE THE ASPHALT HAS A SMOOTH, UNIFORM EDGE WHEN REMOVING AND REPLACING CURB AND GUTTER. IF THE ASPHALT EDGE IS NOT SMOOTH AND UNIFORM, CONTRACTOR WILL SAW CUT AND REPLACE A ONE-FOOT STRIP OF ASPHALT ALONG THE FULL SECTION BEING REPLACED; REFER TO C.O.A. STANDARD DRAWING # 2465 WITH THE APPROPRIATE PAVING SECTION BASED ON ROADWAY CLASSIFICATION.

HYDROLOGY

1. ALL STORM DRAINS SHALL BE RCP CLASS II UNLESS OTHERWISE NOTED ON THE PLANS.
2. RCP SHALL BE INSTALLED SO THAT THE JOINT GAP AT THE HOME POSITION SHALL CONFORM TO THE APPROVED MANUFACTURER'S RECOMMENDATION. 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 AND WITH CITY APPROVAL.

WATER & SEWER

1. 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 C.O.A. STANDARD DRAWINGS 2460 AND 2461.
2. MANHOLE RIMS, FIRE HYDRANT ELEVATIONS, AND FLANGE ELEVATIONS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY AND ADJUST TO FINAL PAVEMENT OR SURFACE GRADES.
3. 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://WWW.ABQWA.ORG/WATER SHUT OFF AND TURN ON PROCEDURES.ASPX](http://www.abqwa.org/water-shut-off-and-turn-on-procedures.aspx)
4. PROPOSED WATERLINE MATERIALS SHALL BE PVC PIPE MEETING AWWA C-900E DR18 REQUIREMENTS (8" - 12") OR DUCTILE IRON PIPE MEETING AWWA C-150 REQUIREMENTS (8" - 48").
5. 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.
6. ALL SANITARY SEWER LINE STATIONING REFERS TO SANITARY SEWER CENTERLINE STATIONING. EXCEPT WHEN PROPOSED WITHIN A PROPOSED OR EXISTING STREET, WHERE STREET STATIONING SHALL GOVERN.
7. 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.
8. ELECTRONIC MARKER SPHERES (EMS) WILL BE PLACED ACCORDING TO THE CITY OF ALBUQUERQUE SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH UPDATE #9. THE CONTRACTOR SHALL INSTALL A 4" X 4" X5" POST AND EMS AT THE END OF EACH SANITARY SEWER SERVICE.
9. TRACER WIRE SHALL BE INCLUDED FOR ALL PUBLIC WATER AND SEWER MAINS AND FOR WATER SERVICES IN ACCORDANCE WITH WATER AUTHORITY DETAILS.
10. CONTRACTOR SHALL PROVIDE THE PROPOSED HYDRO TESTING PLANS TO THE WUA INSPECTORS FOR APPROVAL PRIOR TO BEGINNING TESTING OPERATIONS.
11. AT UTILITY CROSSINGS, WHERE LESS THAN 18" OF VERTICAL SEPARATION FROM STORM DRAIN PIPING OR STRUCTURES IS PROPOSED, LEAN FILL CONSTRUCTION (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.

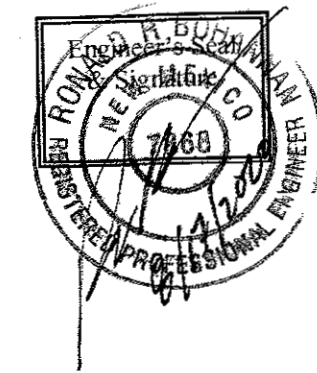
ALL DESIGNS AND CONSTRUCTION OF ANY UNDERGROUND UTILITIES SHALL COMPLY WITH ADMINISTRATIVE INSTRUCTION NO. 9 FOR WORK NEARBY OR AFFECTING SAN JUAN CHAMA TRANSMISSION LINES AND APPURTENANCES. INFORMATION SHALL BE PROVIDED TO THE WATER AUTHORITY ONE (1) MONTH IN ADVANCE OF THE CONSTRUCTION START DATE. INFORMATION CAN BE FOUND AT [HTTP://WWW.ABQWA.ORG/WATER SHUT OFF AND TURN ON PROCEDURES.ASPX](http://www.abqwa.org/water-shut-off-and-turn-on-procedures.aspx)

OTHER COMMON NOTES

1. ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE ACCOMPLISHED IN ACCORDANCE WITH OSHA 29CFR 1926.650 SUBPART P.
2. WHEN DISTURBING MORE THAN 1/4 ACRES, CONTRACTOR SHALL SECURE A TOPSOIL DISTURBANCE PERMIT PRIOR TO BEGINNING CONSTRUCTION.
3. IN ADVANCE OF CONSTRUCTION, CONTRACTOR SHALL DETERMINE IF OVERHEAD UTILITY LINES, SUPPORT STRUCTURES, POLES, GUYS, ETC. ARE AN OBSTRUCTION TO CONSTRUCTION OPERATIONS. IF ANY OBSTRUCTION TO CONSTRUCTION OPERATIONS IS EVIDENT, CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE APPROPRIATE UTILITY OWNER TO REMOVE OR SUPPORT THE UTILITY OBSTRUCTION. ANY COST ASSOCIATED WITH THIS EFFORT SHALL BE THE RESPONSIBILITY OF CONTRACTOR.
4. PNM WILL PROVIDE AT NO COST TO THE CITY OR THE CONTRACTOR THE REQUIRED PERSONNEL FOR INSPECTION OR OBSERVATION DEEMED NECESSARY BY PNM WHILE THE CONTRACTOR IS EXPOSING PNM'S CABLES. HOWEVER, THE CONTRACTOR SHALL BE CHARGED THE TOTAL COST ASSOCIATED WITH REPAIRS TO ANY DAMAGED CABLES OR FOR ANY COST ASSOCIATED WITH SUPPORTING OR RELOCATING THE POLES AND CABLES DURING CONSTRUCTION.
5. CONTRACTOR SHALL SUPPORT AND PROTECT ALL EXISTING UNDERGROUND UTILITY LINES WHICH BECOME EXPOSED DURING CONSTRUCTION. PAYMENT FOR SUPPORTING WORK SHALL BE INCIDENTAL TO WATERLINE AND/OR SEWER LINE COSTS.
6. CONTRACTOR IS TO SUPPORT, PROTECT, AND MAINTAIN THE INTEGRITY OF ALL UNDERGROUND TELEPHONE, ELECTRIC CABLES AND CABLE TELEVISION UTILITIES AT NO ADDITIONAL COST TO THE OWNER. CABLE IS TO BE SUPPORTED AT A MAXIMUM SPACING OF FIFTEEN (15) FEET. CONTRACTOR SHALL COORDINATE WITH AND MAKE NECESSARY PAYMENT (IF ANY) TO UTILITY OWNER FOR DE-ENERGIZATION OF CABLES OR SUPPORT OF CABLES BY THE UTILITY OWNER.
7. CONTRACTOR SHALL PROMPTLY CLEAN UP ANY MATERIAL EXCAVATED WITHIN THE PUBLIC RIGHT-OF-WAY OR PRIVATE ROADWAY EASEMENTS TO PREVENT ANY EXCAVATED MATERIAL BEING WASHED DOWN THE STREET OR INTO ANY PUBLIC DRAINAGE FACILITY.
8. CONTRACTOR SHALL CONDUCT ALL WORK IN A MANNER WHICH WILL MINIMIZE INTERFERENCE WITH LOCAL TRAFFIC.
9. ALL EXISTING SIGNS, MARKERS, DELINEATORS, ETC., WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED, STORED AND RE-SET BY THE CONTRACTOR.
10. DISPOSAL SITE FOR ALL EXCESS EXCAVATION MATERIAL AND UNSUITABLE MATERIAL SHALL BE ARRANGED BY THE CONTRACTOR IN COMPLIANCE WITH ALL APPLICABLE ENVIRONMENTAL REGULATIONS. NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE FOR COSTS ASSOCIATED WITH OBTAINING A DISPOSAL SITE AND HAUL THERE TO.
11. IF CULTURAL RESOURCES, SUCH AS HISTORIC OR PREHISTORIC ARTIFACTS, OR HUMAN REMAINS ARE DISCOVERED DURING EXCAVATION OR CONSTRUCTION, WORK SHALL CEASE AND THE CONSTRUCTION ENGINEER SHALL NOTIFY THE COUNTY OFFICE OF THE MEDICAL EXAMINER AT (505) 272-3053. IF THE MEDICAL EXAMINER DETERMINES THAT HUMAN REMAINS ARE NOT PRESENT, THE CONSTRUCTION ENGINEER SHALL NOTIFY THE STATE HISTORIC PRESERVATION OFFICER (SHPO) AT 827-6320.

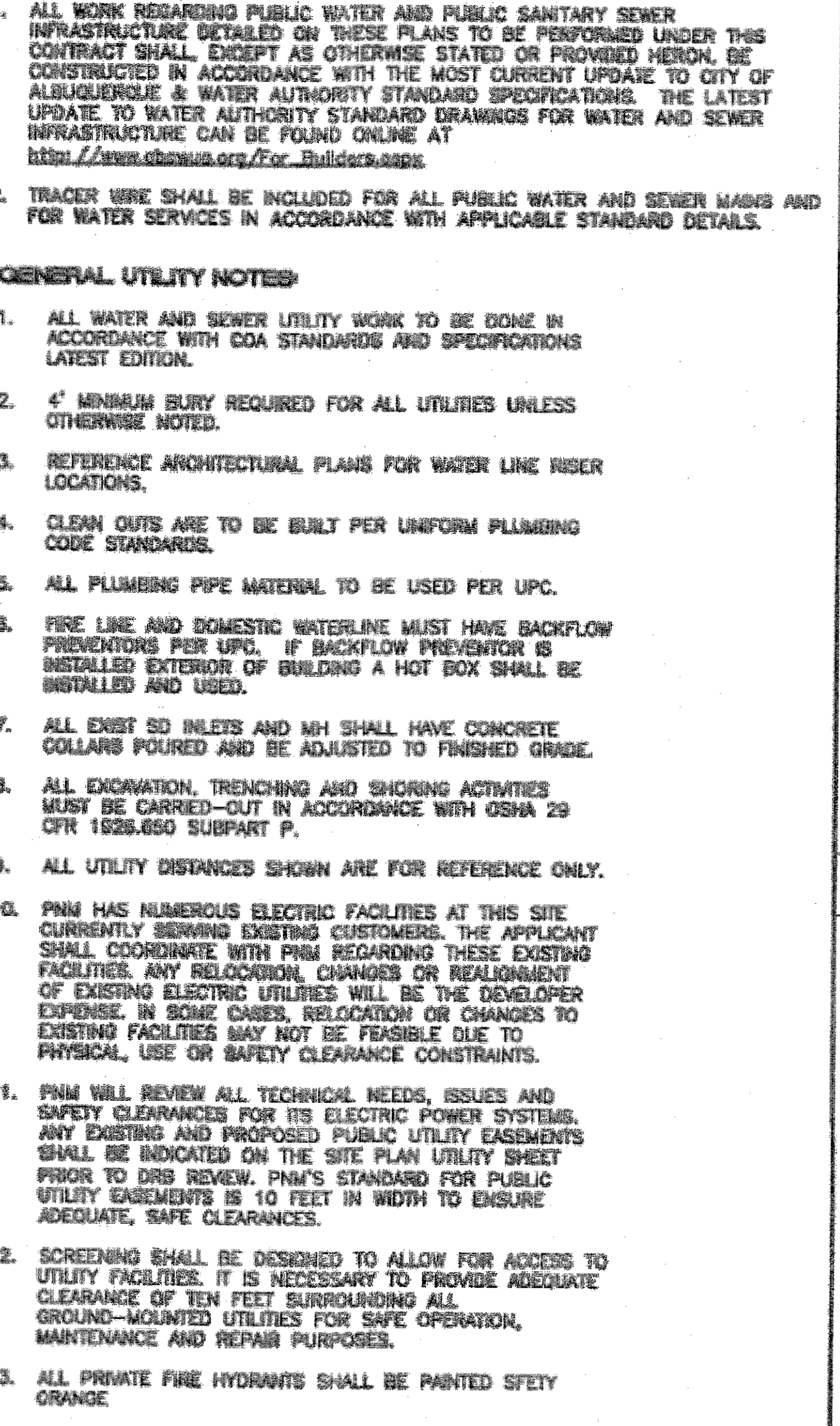
CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Ronald R. Bohanan, 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 Planning Department and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings.



TIERRA WEST, LLC 6571 MONROE PARK PLACE NE ALBUQUERQUE, NEW MEXICO 87109 (505) 858-3180 www.tierrawestllc.com	
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP	
TITLE: ABO SCHOOL OF EXCELLENCE ROADWAY IMPROVEMENTS	
GENERAL NOTES	
DESIGN REVIEW COMMITTEE 	CITY ENGINEER APPROVAL
CITY PROJECT NO. 754666	ZONE MAP NO. K-22-Z
SHEET 2	OF 10

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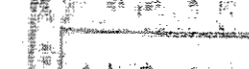
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TIERRA WEST, LLC
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LOCAL BUILDING
PLAN REVIEW, PERMITTING
INSPECTIONS THAT MAY
AFFECT STATE OR NATIONAL
TRADING IMPROVEMENTS

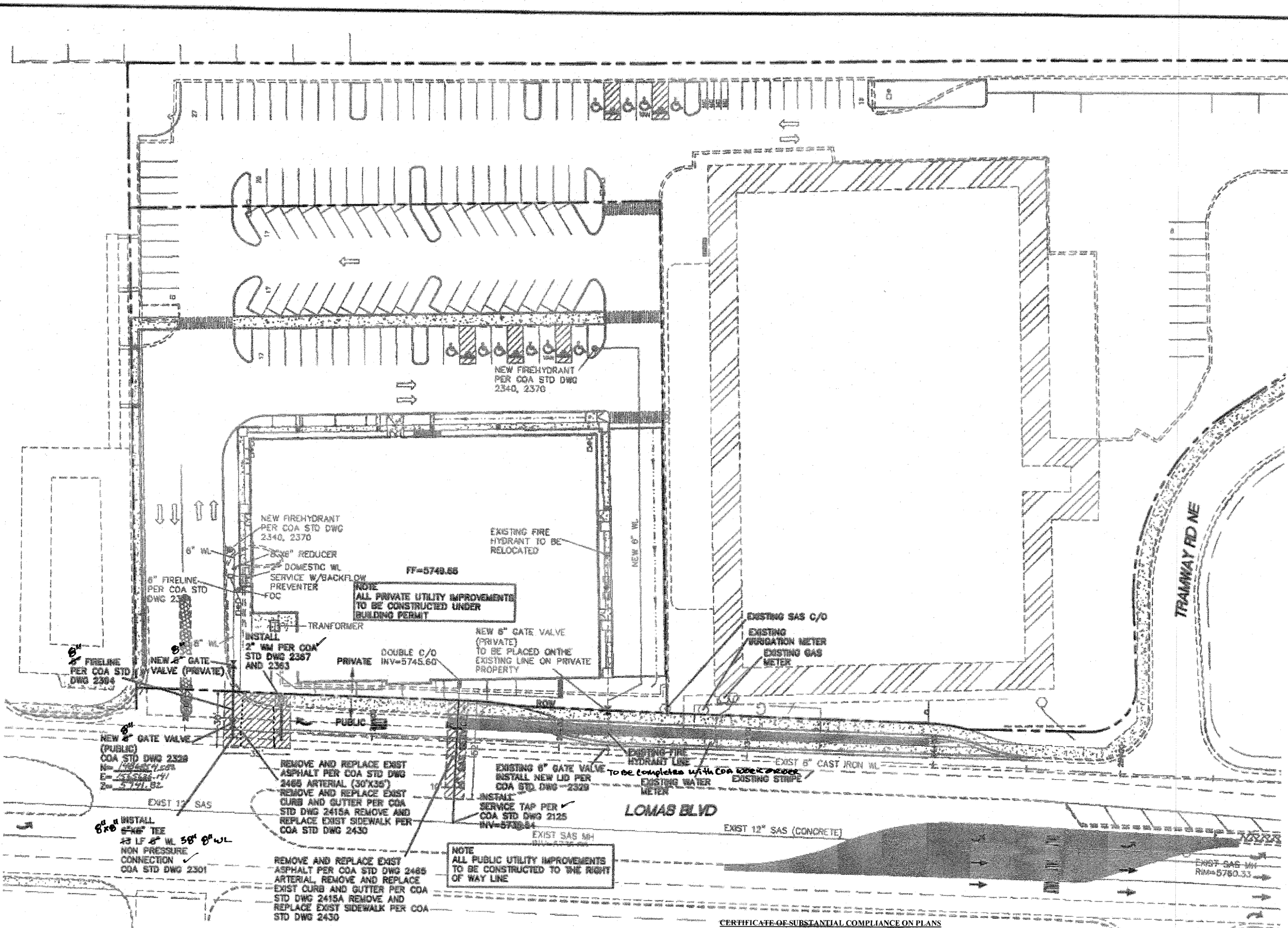
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE:
ALBUQUERQUE

ABS SCHOOL OF EXCELLENCE ROADWAY MASTER UTILITY PLAN	
DESIGN REVIEW COMMITTEE 	
CITY PROJECT NO. 754686	ZONE MAP NO. K-22-Z

INSPECTION NOTE
CONTRACTOR SHALL CONSULT THE LOCAL BUILDING DEPARTMENT OFFICIALS FOR ANY PLAN REVIEW, PERMITTING REQUIREMENTS OR BUILDING CODE INSPECTIONS THAT MAY BE REQUIRED TO ENFORCE LOCAL, STATE OR NATIONAL BUILDING CODES PRIOR TO CONSTRUCTING IMPROVEMENTS

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.



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 Planning Department and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings.

NOTE
ALL INFRASTRUCTURE SHOWN ON THE PROPERTY (OUTSIDE
OF ROW) TO BE CONSTRUCTED BY OTHERS

Abstract

- | | |
|--|----------------------------|
| | BOUNDARY LINE |
| | RIGHT-OF-WAY |
| | BUILDING |
| | SIDEWALK |
| | EXISTING CURB & GUTTER |
| | EXISTING BOUNDARY LINE |
| | 8" SWS |
| | 8" WL |
| | SANITARY SEWER LINE |
| | WATERLINE |
| | DOUBLE CLEAN OUT |
| | TRANSFORMER |
| | PROPOSED HYDRANT |
| | EXISTING FIBER OPTICS LINE |
| | EXISTING GAS LINE |

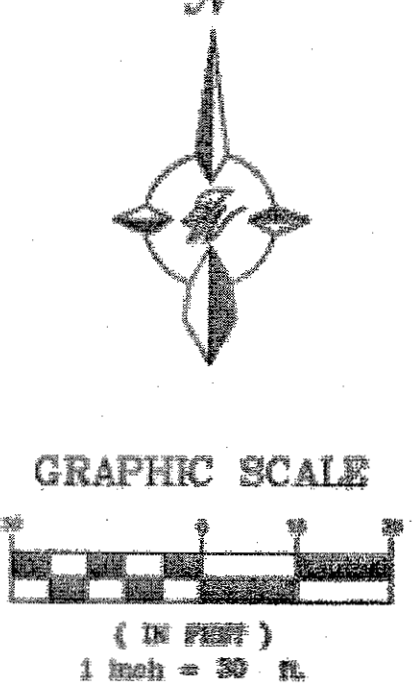
Mr. Andrew S. Hedden, a duly qualified Licensed Professional Surveyor under the laws of the State of New Mexico, do hereby certify, that the "as-built" information shown on these drawings was obtained from field observation and "as-built" surveys conducted by me or under my supervision that this "as 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. I am not responsible for any use, misuse, misinterpretation, alteration, omission, amplification, or in part of the record of this survey.

ANDREW S. HEDDEN

IS CADA TERREÑOS
E PLACITAS N.M. 87043
505-257-8120

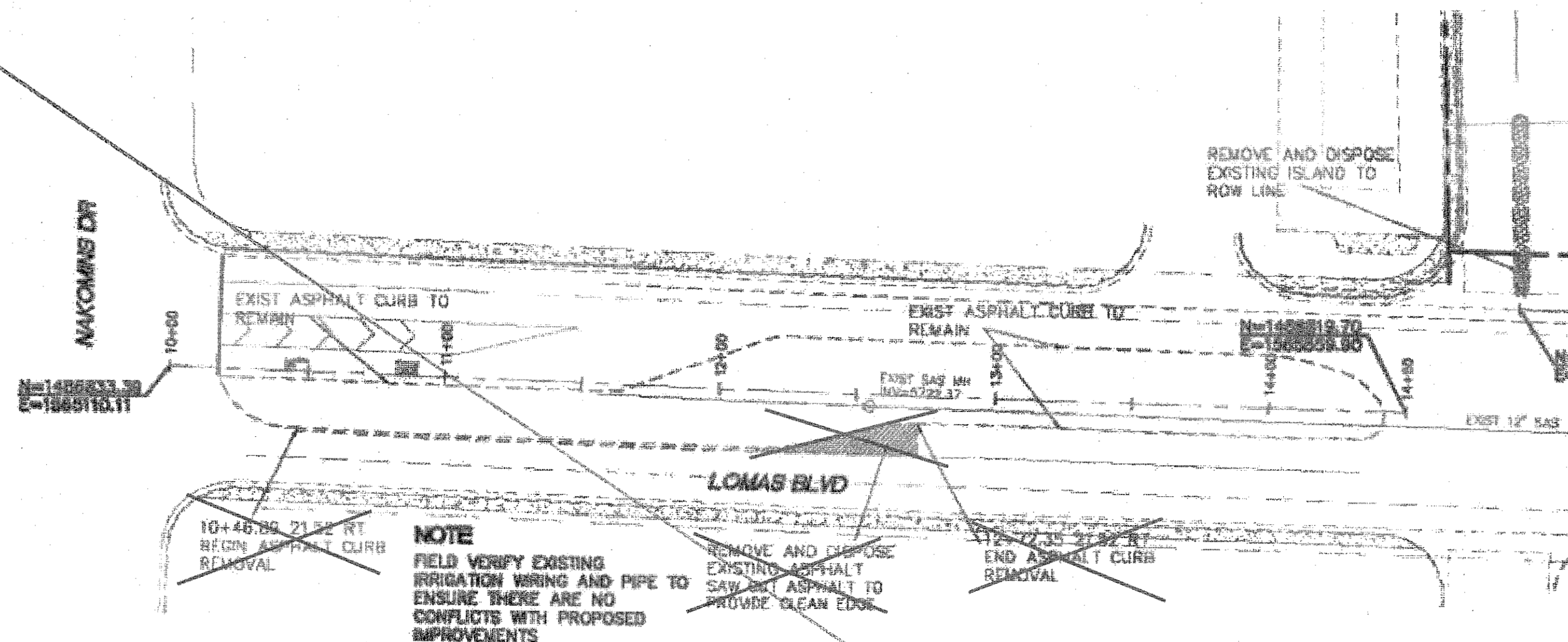
Andrew S. Hedden 8-5-2006

Andrew S. Hedden, L.P.S. 2006 Date

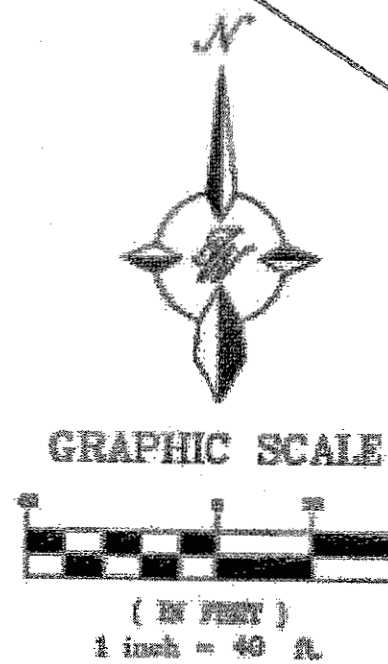
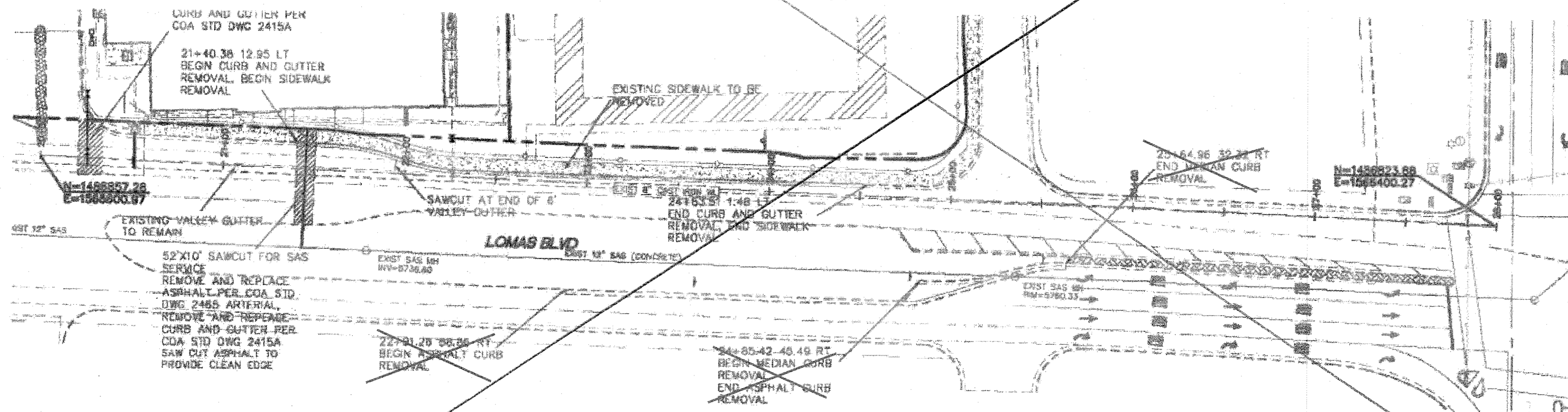


LEGEND

- ROW LINE
- EXISTING CURB & GUTTER
- EXISTING ASPHALT CURB
- ⊙ EXISTING SAS MANHOLE
- - - - - EXISTING SANITARY SEWER LINE
- - - - - EXISTING WATER LINE
- SAWCUT
- /// REMOVE AND DISPOSE EXISTING ASPHALT



SEE 5R



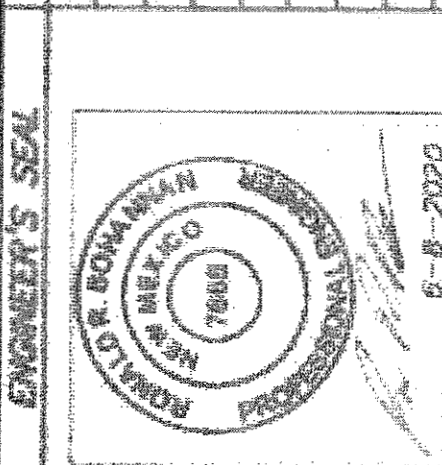
CAUTION

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AS BUILT INFORMATION	
CONTRACTOR	NO.
WORK	DATE
DESIGNED BY	DATE
APPROVED BY	DATE
FIELD BY	DATE
REVISIONS	DATE
DESIGNED BY	DATE
APPROVED BY	DATE
FIELD BY	DATE
REVISIONS	DATE

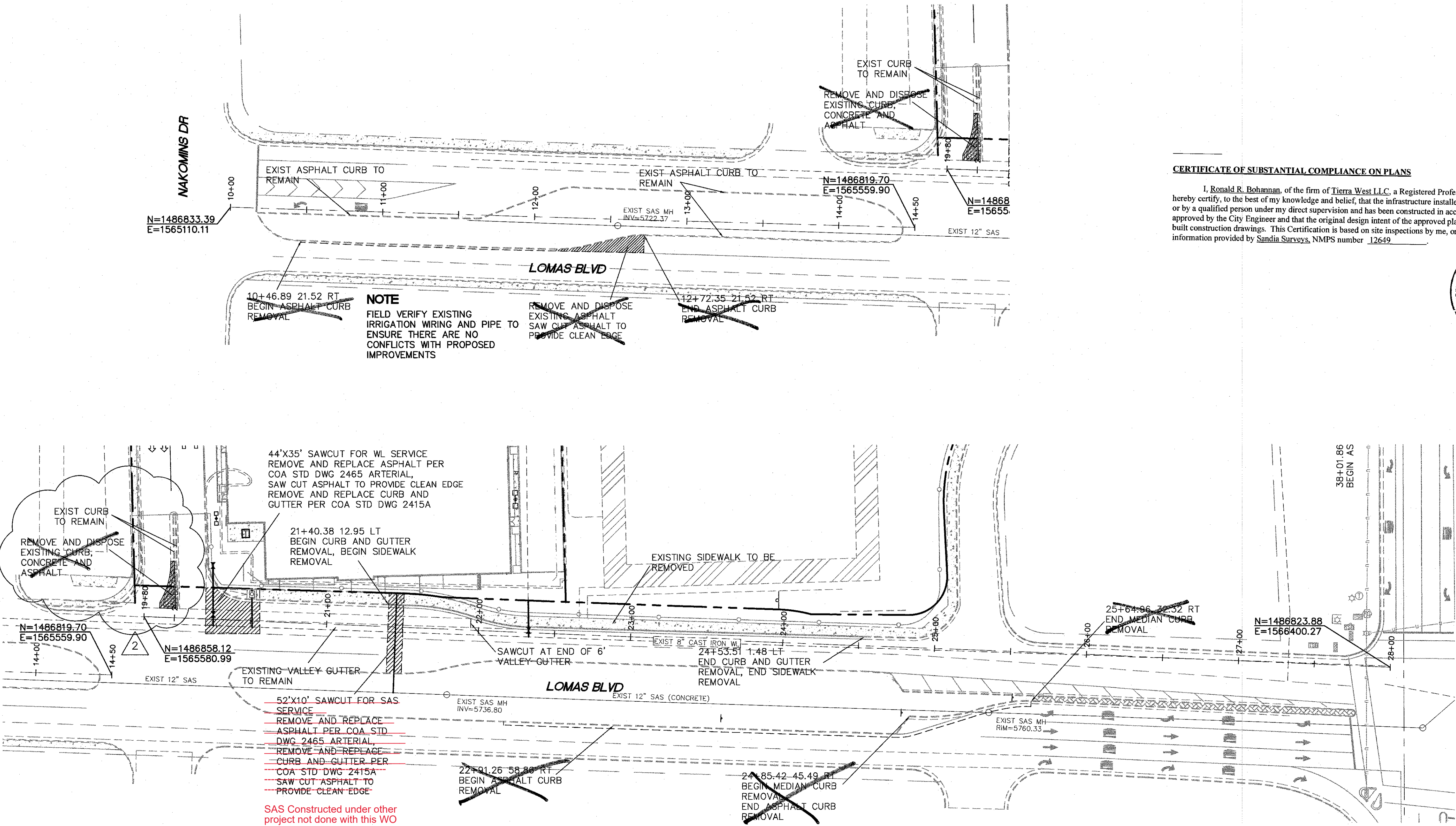
BENCH MARKS	
A.C.R.S. MEASUREMENT "1, 2, 3"	DATE
STANDARD C&G BRASS BISC	DATE
NET MEASUREMENT STATE PLANE COORDINATES	DATE
(CENTRAL ZONE-N.A.D. 83)	DATE
N=1486221.23 US SURVEY FEET	DATE
E=1486221.23 US SURVEY FEET	DATE
PUBLISHED BY: 08/07/01 (NAD 83)	DATE
GROUND TO GRID FACTOR=0.9999970	DATE
DELTA ALPHA ANGLE=0.0000000	DATE

SURVEY INFORMATION	
FIELD NOTES	DATE
BY	DATE
NO.	DATE



REVISIONS	
NO.	DATE
BY	DATE
REMARKS	DATE
DESIGN	DATE
DATE: APRIL 2020	DATE: APRIL 2020
DRAWN BY: JRM	DRAWN BY: JRM
CHECKED BY: RRB	CHECKED BY: RRB
JOB NO.: 2019088	JOB NO.: 2019088
DATE: APRIL 2020	DATE: APRIL 2020

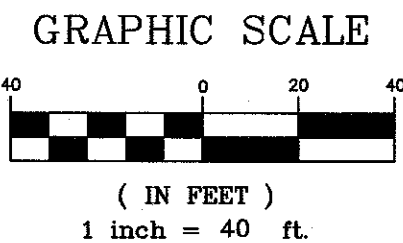
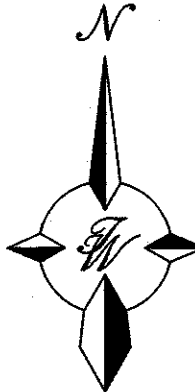
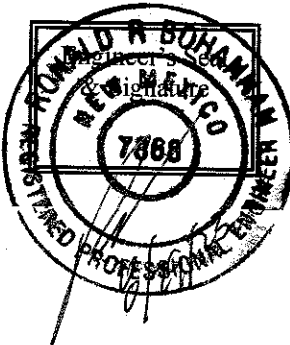
TIERRA WEST, LLC 5071 MIDWAY PARK PLACE NE ALBUQUERQUE, NEW MEXICO 87109 (505) 458-3100 www.tierrawestllc.com	
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP	
TITLE: ABO SCHOOL OF EXCELLENCE ROADWAY IMPROVEMENTS LOMAS BLVD DEMOLITION PLAN	
DESIGN REVIEW COMMITTEE June 15, 2020 APPROVED CITY ENGINEER	CITY ENGINEER APPROVAL July 8, 2020 APPROVED CITY ENGINEER
CITY PROJECT NO. 754686	ZONE MAP NO. K-22-Z
SHEET 5 OF 10	



- LEGEND**
- ROW LINE
 - EXISTING CURB & GUTTER
 - EXISTING ASPHALT CURB
 - EXISTING SAS MANHOLE
 - EX. 8" SAS
 - EX. WL
 - SAWCUT
 - REMOVE AND DISPOSE EXISTING ASPHALT

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Ronald R. Bohanan, 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 by me 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 Sandia Surveys, NMPS number 12649.

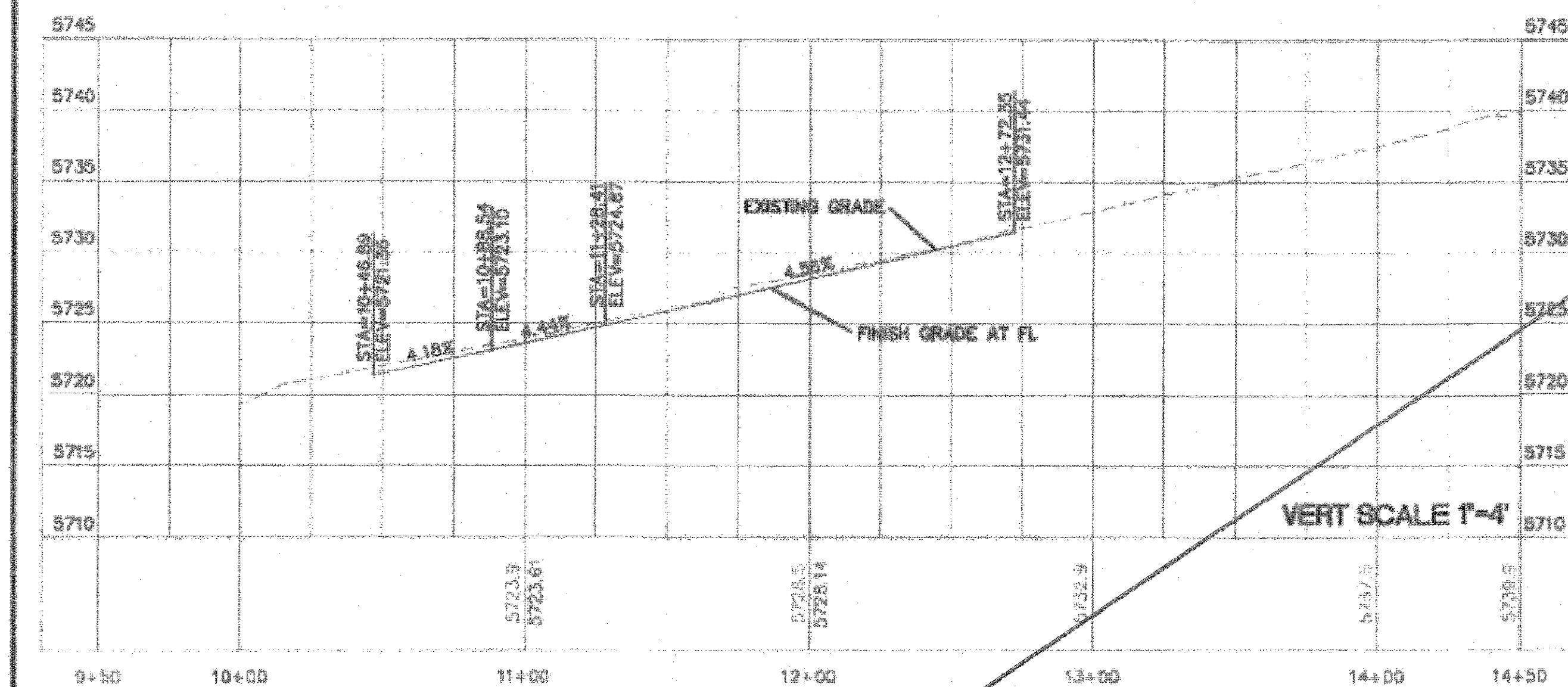
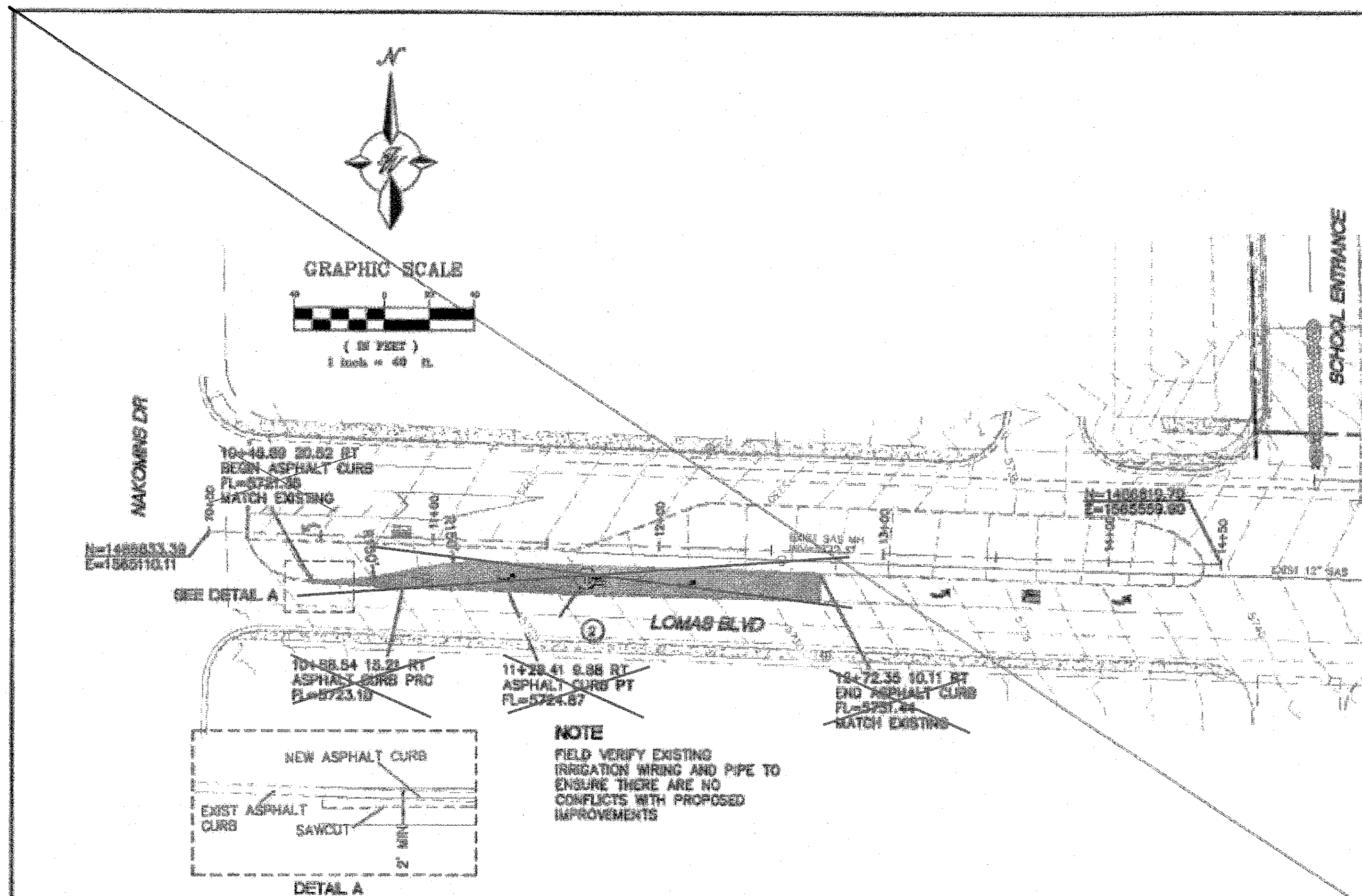


CAUTION

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.tierrawestllc.com	
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP	
TITLE: ABQ SCHOOL OF EXCELLENCE ROADWAY IMPROVEMENTS LOMAS BLVD DEMOLITION PLAN	
DESIGN REVIEW COMMITTEE 	CITY ENGINEER APPROVAL
CITY PROJECT NO. 754686	ZONE MAP NO. K-22-Z
SHEET OF 5 R 10	

SURVEY INFORMATION		ENGINEER'S SEAL		REVISIONS	
NO.	BY	DATE	PM	NO.	DATE
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FIELD NOTES		ENGINEER'S SEAL		REVISIONS	
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BY		ENGINEER'S SEAL		REVISIONS	
DATE		ENGINEER'S SEAL		REVISIONS	
A.G.R.S. MONUMENT "3-02"		ENGINEER'S SEAL		REVISIONS	
STANDARD COA BRASS DISC		ENGINEER'S SEAL		REVISIONS	
NEW MEXICO STATE PLANE COORDINATES		ENGINEER'S SEAL		REVISIONS	
(CENTRAL ZONE-N.A.D. 1983)		ENGINEER'S SEAL		REVISIONS	
FIELD VERIFICATION BY SANDIA SURVEYS		ENGINEER'S SEAL		REVISIONS	
FIELD VERIFICATION BY TIERRA WEST LLC		ENGINEER'S SEAL		REVISIONS	
CORRECTED BY TIERRA WEST LLC		ENGINEER'S SEAL		REVISIONS	
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US SURVEY FEET		ENGINEER'S SEAL		REVISIONS	
E=1,563,821.702		ENGINEER'S SEAL		REVISIONS	
PUBLISHED EL-5667.461 (NAD 1983)		ENGINEER'S SEAL		REVISIONS	
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NO.		ENGINEER'S SEAL		REVISIONS	
DELTA ALPHA ANGLE=-0.00849.83"		ENGINEER'S SEAL		REVISIONS	



LEGEND

- ROW LINE
- EXISTING CURB & GUTTER
- EXISTING ASPHALT CURB
- EXISTING SAS MANHOLE
- EXISTING SANITARY SEWER LINE
- EXISTING WATER LINE
- SAWCUT
- NEW PAVEMENT
- NEW CURB & GUTTER

KEYED NOTES

- NEW ASPHALT CURB PER COA STD DWG 2415B
- NEW PAVING, MATCH EXISTING PAVEMENT SECTION

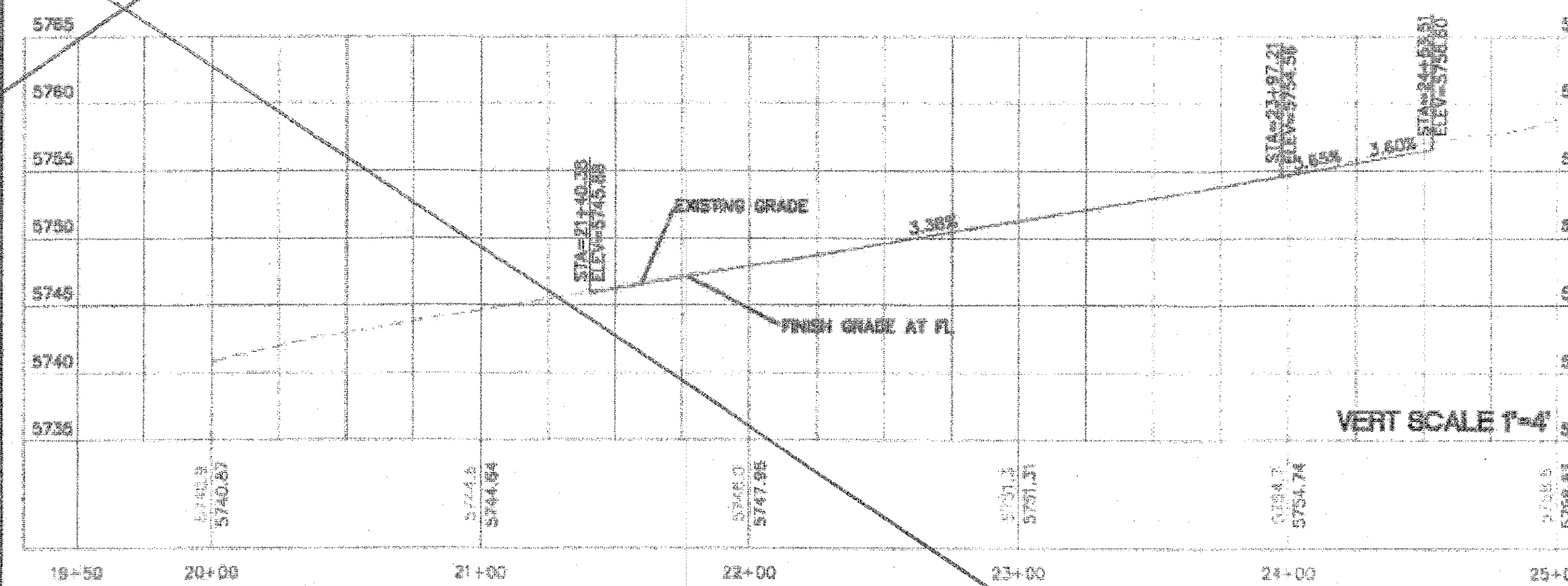
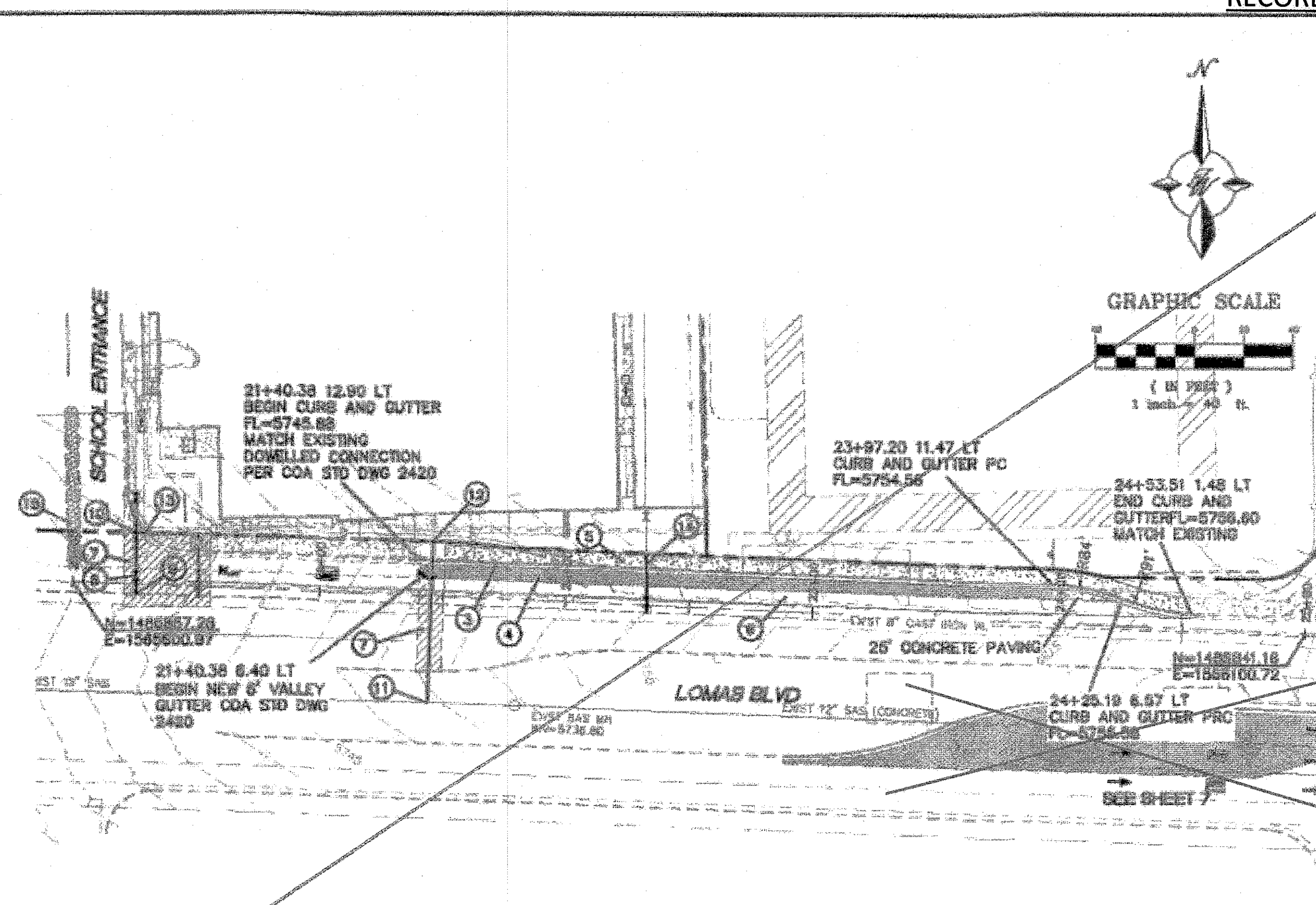
NOTE

CONTRACTOR SHALL POT HOLE TO DETERMINE LOCATION OF EXISTING IRRIGATION CONDUIT, AND RELOCATE SAME IF IN CONFLICT WITH PROPOSED WORK

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.

SEE 6R



LEGEND

- ROW LINE
- EXISTING CURB & GUTTER
- EXISTING ASPHALT CURB
- EXISTING SAS MANHOLE
- EXISTING SANITARY SEWER LINE
- EXISTING WATER LINE
- SAWCUT
- NEW PAVEMENT
- NEW CURB & GUTTER

NOTE

CONTRACTOR SHALL POT HOLE TO DETERMINE LOCATION OF EXISTING IRRIGATION CONDUIT, AND RELOCATE SAME IF IN CONFLICT WITH PROPOSED WORK

KEYED NOTES

- 5" CURB AND GUTTER PER COA STD DWG 2415A
- 6" Concrete Paving in Place of Asphalt Paving
- NEW PAVING, MATCH EXISTING PAVEMENT SECTION
- 6" CONCRETE SIDEWALK PER COA STD DWG 2430
- 5" VALLEY GUTTER PER COA STD DWG 2415A
- REMOVE AND REPLACE EXIST ASPHALT PER COA STD DWG 2405 ANTENAL
- 6" GATE VALVE (PUBLIC) PER COA STD DWG 2328
- 8"x8"x6" TEE, CONNECT TO EXISTING 6" WL NON PRESSURE CONNECTION
- 8" CAP AT ROW
- CONNECT 4" SAS SERVICE TO EXISTING 6" SAS TRV=5735.54
- 4" CAP AT ROW
- 2" CAP AT ROW
- REMOVE EXIST 6" WL (24 LF)
- REPLACE W/NEW 8" WL CAP AT ROW
- NEW BULLMOOSE W/ARMED CURB PER COA STD DWG 2415B, CONCRETE MEDIAN PAVING PER COA STD DWG 2406, PAINT NOSE YELLOW

TERRA WEST, LLC
5621 MIDWAY PARK PLACE NE
ALBUQUERQUE, NEW MEXICO 87110
(505) 858-3100
www.terrawestllc.com

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

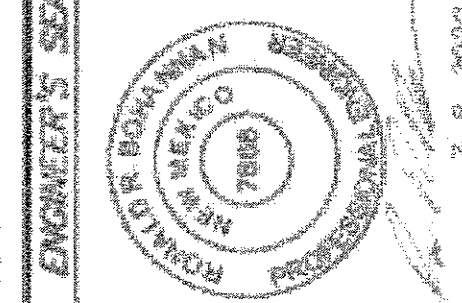
ABO SCHOOL OF EXCELLENCE ROADWAY IMPROVEMENTS
LOMAS BLVD ROADWAY IMPROVEMENTS

DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	NO./DAY/YR.	NO./DAY/YR.
June 16, 2020	July 8, 2020		
DESIGNED BY: JN	DRAWN BY: BPN	CHECKED BY: RCB	
DATE: July, 2020	DATE: July, 2020	DATE: July, 2020	
JOB NO.: 20190168			

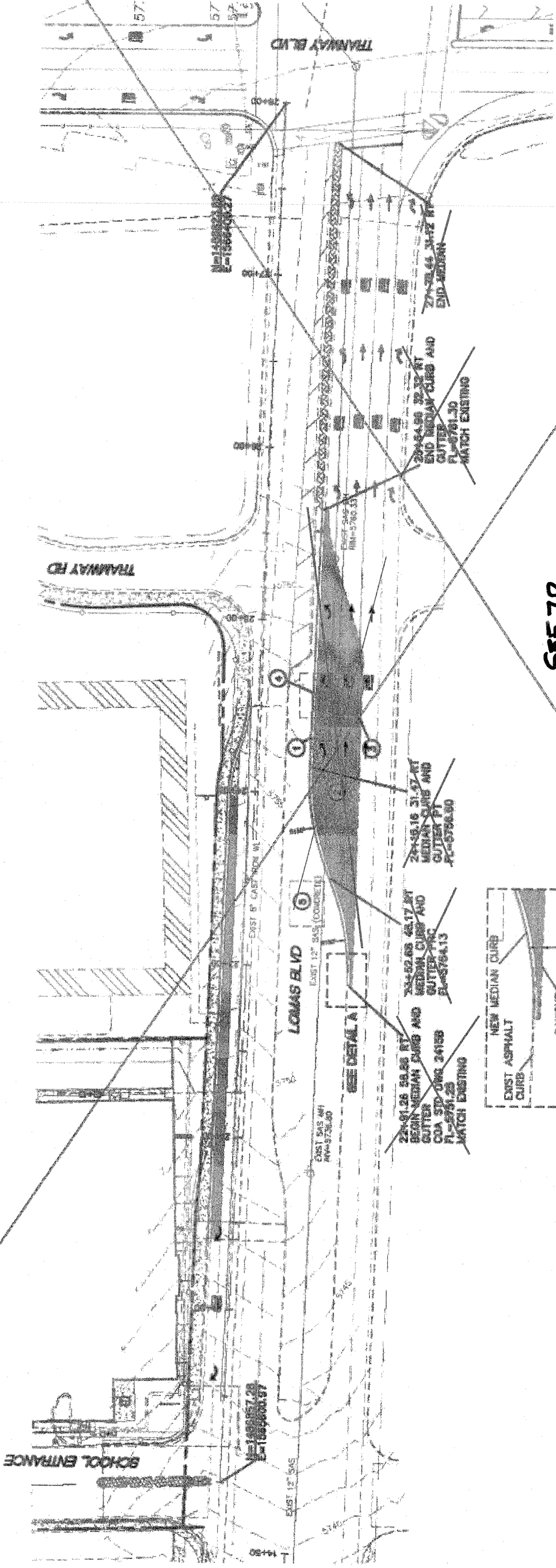
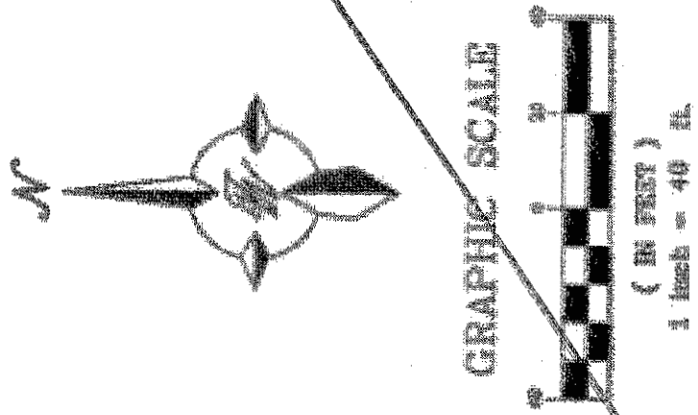
CITY PROJECT NO. 754886

ZONE MAP NO. K-22-Z

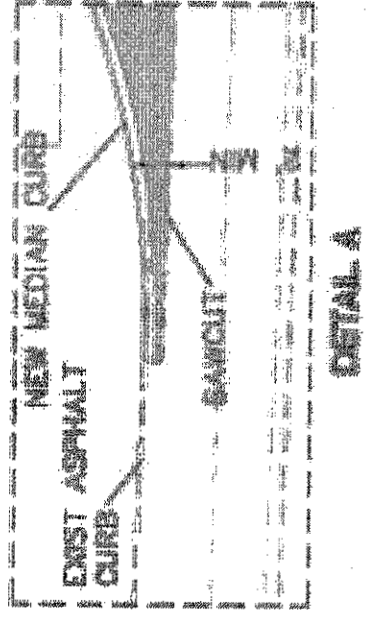
SHEET 6 OF 10







SEE 7R



NOTED NOTES

- 1 NEW MEDIAN CURB AND GUTTER FOR COA STD DWG 2412B
- 2 NEW PAVING, MATCH EXISTING PAVEMENT SECTION
- 3 SAWCUT 2' MIN FROM EXISTING ASPHALT CURB
- 4 RELOCATE SOLAR POWER STATION FOR IRRIGATION WEST
- 5 NEW LOCATION FOR SOLAR POWER STATION FOR IRRIGATION

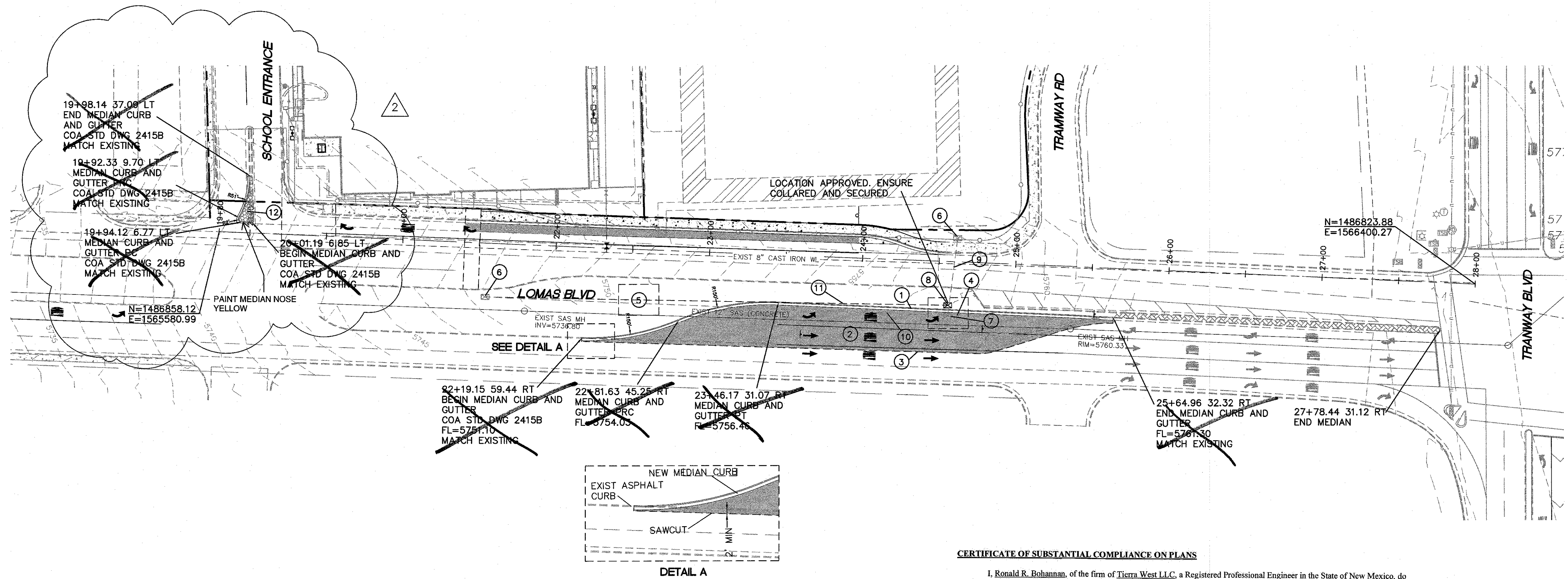
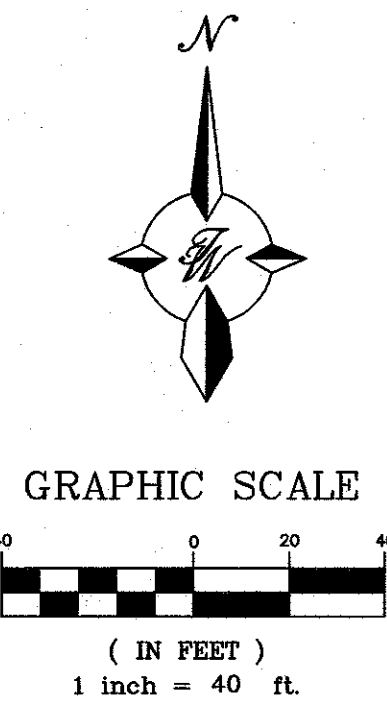
NOTE

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LEGEND

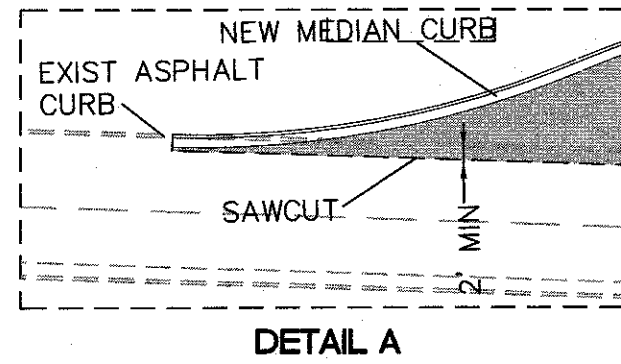
- ROW LINE
- EXISTING CURB & GUTTER
- EXISTING ASPHALT CURB
- EXISTING SAS MANHOLE
- EXISTING SANITARY SEWER LINE
- EXISTING WATER LINE
- SAWCUT
- NEW PAVEMENT
- NEW CURB & GUTTER

ENGINEER'S SEAL		DESIGN		NO.		DATE	
SURVEY INFORMATION		REVISIONS		REMARKS		BY	
FIELD NOTES		NO.		DATE		BY	
BENCH MARKS		DESIGNED BY: JM		DRAWN BY: PM		CHECKED BY: RRB	
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		DATE: April, 2020		DATE: April, 2020		DATE: April, 2020	
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		DATE: April, 2020		DATE: April, 2020		DATE: April, 2020	
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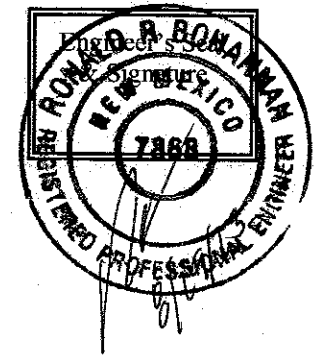
22+81.63 45.25 RT
MEDIAN CURB AND
GUTTER COA
STD DWG 2415B
MATCH EXISTING
FL=5754.05

23+46.17 31.07 RT
MEDIAN CURB AND
GUTTER COA
STD DWG 2415B
MATCH EXISTING
FL=5756.48



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 by me 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 Sandia Surveys, NMPS number 12649



LEGEND

- ROW LINE
- ===== EXISTING CURB & GUTTER
- EXISTING ASPHALT CURB
- U EXISTING SAS MANHOLE
- EX. 8" SAS --- EXISTING SANITARY SEWER LINE
- EX. WL --- EXISTING WATER LINE
- SAWCUT
- ===== NEW PAVEMENT
- ===== NEW CURB & GUTTER

KEYED NOTES

- 1 NEW MEDIAN CURB AND GUTTER PER COA STD DWG 2415B
- 2 NEW PAVING, MATCH EXISTING PAVEMENT SECTION
- 3 SAWCUT 2' MIN FROM EXISTING ASPHALT CURB
- 4 RELOCATE SOLAR POWER STATION FOR IRRIGATION WEST
- 5 NEW LOCATION FOR SOLAR POWER STATION FOR IRRIGATION
- 6 EXISTING PULLBOX
- 7 EXISTING PULLBOX TO BE RELOCATED
- 8 NEW PULLBOX
- 9 EXISTING 3" CONDUIT CONTAINING 2 TWISTED PAIR LINE 1 25 PAIR AND 1 6 PAIR
- 10 EXISTING 3" CONDUIT
- 11 NEW 3" CONDUIT
- 12 MEDIAN PAVING PER COA STD DWG 2408 MUST BE CONTRASTING COLOR LIKE SANTA FE BROWN OR EQUIVELANT

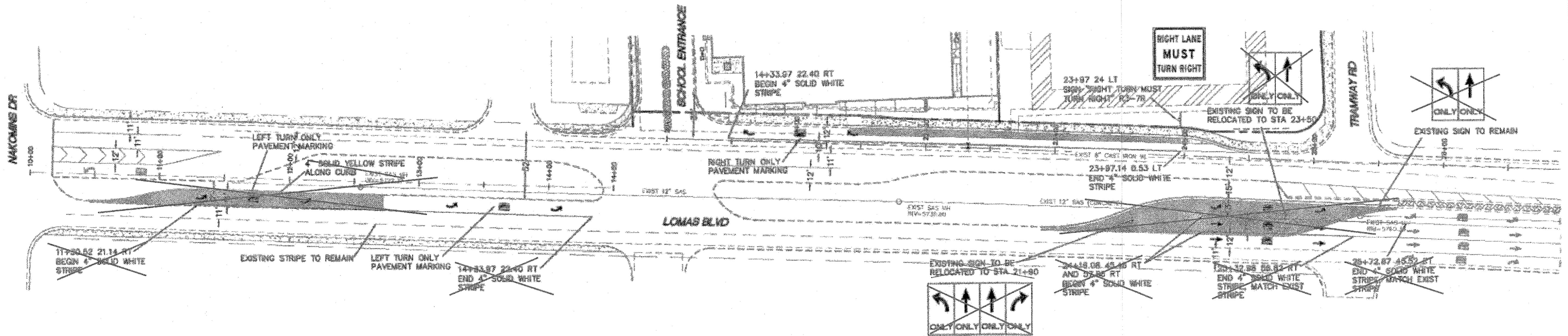
NOTE

CONTRACTOR SHALL POTHOLE TO DETERMINE LOCATION OF EXISTING IRRIGATION CONDUIT, AND RELOCATE SAME IF IN CONFLICT WITH PROPOSED WORK

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.tierrawestllc.com	
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP	
TITLE: ABO SCHOOL OF EXCELLENCE ROADWAY IMPROVEMENTS LOMAS BLVD ROADWAY IMPROVEMENTS EB LEFT TURN LANE	
DESIGN REVIEW COMMITTEE APPROVED Sept. 18, 2020 DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL APPROVED Sept. 18, 2020 CITY ENGINEER
CITY PROJECT NO. 754686	ZONE MAP NO. K-22-Z
SHEET 7 R 10	

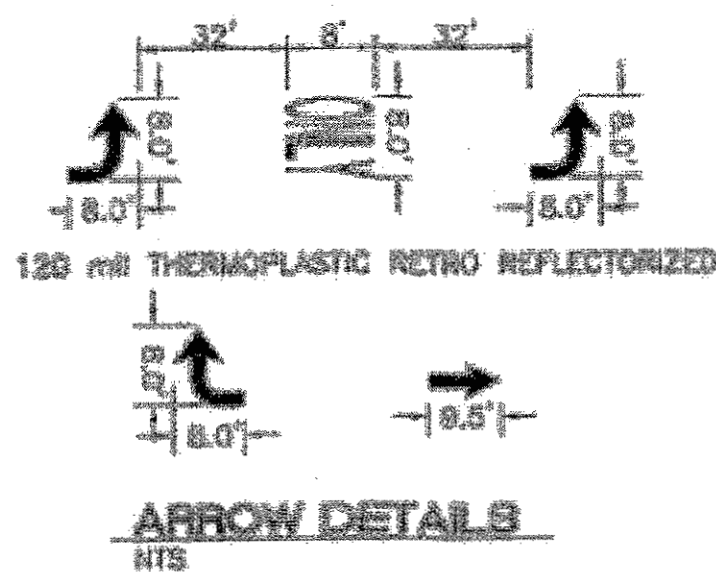


GENERAL NOTES

1. ALL CONFLICTING STRIPING SHALL BE ERADICATED BY WATER BLASTING AND APPLY FOG SEAL.
2. ALL SIGNS SHALL BE MADE IN ACCORDANCE WITH THE M.U.T.C.D. (CURRENT EDITION) SPECIFICATIONS AND COA STANDARDS.
3. ALL STRIPING AND PAVEMENT MARKINGS SHALL BE IN ACCORDANCE WITH THE M.U.T.C.D. (CURRENT EDITION) SPECIFICATIONS AND COA STANDARDS (THERMOPLASTIC).
4. PAINT ALL MEDIAN CURB AND MEDIAN ROSE ON LOS VOLCANES YELLOW (TYP) PER COA SPECIFICATIONS.
5. CONTRACTOR SHALL REFRESH ALL EXISTING CROSSWALKS, SYMBOLS AND REPLACE HOLDING BAY WITH LANE STRIPES WITHIN WORKING AREA. ALL PERMANENT MARKINGS SHALL BE THERMOPLASTIC.

LEGEND

- ROW LINE
- - - EXISTING CURB & GUTTER
- - - EXISTING ASPHALT CURB
- EXISTING SAN MANHOLE
- - - EXISTING SANITARY SEWER LINE
- - - EXISTING WATER LINE
- - - SAWCUT
- NEW PAVEMENT
- NEW CURB & GUTTER



PERMANENT SIGNING AND STRIPING NOTES

1. ALL REGULATORY, WARNING, SPECIAL, AND GUIDE SIGNS SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS. LEGEND AND BACKGROUND TO BE SAME SHEETING TYPE.

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/PEDESTRIAN SUPPLEMENTAL PLANNING		BLK/FLUORESCENT YELLOW GREEN (WHENEVER BLK/YELLOW IS SPECIFIED AS COLOR IN MUTCD)	TYPE VII OR IX	TYPE VII OR IX
ALL OTHER WARNING SIGNS AND SUPPLEMENTAL PLANNING		BLK/FLUORESCENT YELLOW GREEN (WHENEVER BLK/YELLOW IS SPECIFIED AS COLOR IN MUTCD)	TYPE VII OR IX	TYPE VII OR IX
GUIDE & DESIGNATION SIGNS INCLUDE EXTENDED & NON-EXTENDED (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

2. ONLY 5/16" THICK ALUMINUM PANEL SIGNS ARE PERMITTED FOR WARNING AND REGULATORY SIGNS.
3. ANY-GRAFFITI COATING, WITH UV INHIBITOR, SHALL BE APPLIED ON ALL REGULATORY, WARNING, GUIDE AND SPECIAL SIGNS.
4. QUANTITIES MAY VARY AS FIELD CONDITIONS EXIST. THE CONTRACTOR WILL BE PAID FOR ACTUAL QUANTITIES USED.
5. ALL TRAFFIC CONTROL DEVICES SHALL COMPLY WITH THE STANDARD HIGHWAY SIGNS MANUAL (CURRENT EDITION) FOR PROPER ARRANGEMENT, SHADING OF LETTERS, LETTER HEIGHT, SYMBOLS AND DIMENSIONS FOR THE SPECIFIED SIZE AND MESSAGE AS SHOWN ON PLANS. ALL SPECIAL SIGN FACE DETAILS SHALL BE SUBMITTED TO THE PROJECT FOR REVIEW AND APPROVAL.
6. EACH SIGN FACE SHOWN ON PLANS SHALL MEET THE SPECIFICATIONS IN THE STANDARD HIGHWAY SIGNS MANUAL (CURRENT EDITION) FOR PROPER ARRANGEMENT, SHADING OF LETTERS, LETTER HEIGHT, SYMBOLS AND DIMENSIONS FOR THE SPECIFIED SIZE AND MESSAGE AS SHOWN ON PLANS. ALL SPECIAL SIGN FACE DETAILS SHALL BE SUBMITTED TO THE PROJECT FOR REVIEW AND APPROVAL.
7. POST LENGTHS ARE BASED ON A MINIMUM OF 5 FT FOR RURAL ROADWAY SECTIONS TO A MAXIMUM OF 7 FT FOR URBAN AND INTERURBAN ROADWAY SECTIONS. THE LENGTHS ARE MEASURED FROM THE BOTTOM OF THE SIGN TO THE TOP OF THE SIGNING LINE.
8. ALL SIGNS EXPOSED, 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.
9. THREE 4 LB/FT SIGN POST INSTALLATION APPROVED ONLY IF THE SPAN BETWEEN THE OUTER POSTS EXCEEDS 8' (SPAN MORE THAN 8' OR GREATER).
10. 3'-8" BASE POST ARE REQUIRED FOR ALL SMALL SIGN POSTS. SEE STANDARD SERIAL DRAWING 701-02-1/3 FOR DETAILS. BASE POSTS SHALL BE 2 1/2" X 3 1/2" SQUARE.
11. SIGN POSTS SHALL BE 2 1/2" X 3 1/2" SQUARE TUBING OR AS APPROVED BY THE PROJECT MANAGER. THE DISTRICT TRAFFIC ENGINEER OR HIS/HER DESIGNEE.
12. 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.
13. CONTRACTOR SHALL FIELD VERIFY ALL STRIPING, TEXT, AND LOCATIONS PRIOR TO FABRICATION AND INSTALLATION. NEW SIGN LOCATIONS SHALL BE APPROVED BY THE PROJECT MANAGER OR THE DISTRICT TRAFFIC ENGINEER.
14. HOT THERMOPLASTIC PAVEMENT MARKINGS SHALL BE USED ON ALL STRIPING (LONG LINES, LEGENDS, SYMBOLS, ETC.) THE THERMOPLASTIC PAVEMENT MARKING SHALL BE APPLIED AT A THICKNESS OF 80 MIL. THE APPROVED THERMOPLASTIC MARKING APPLICATION METHOD SHALL BE EITHER GRABY EXCLUSION OR DESIGN APPLICATION.
15. 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 CONFORMANCE FROM THE DISTRICT TRAFFIC ENGINEER (OR HIS/HER DESIGNEE) BEFORE THE FINAL MARKINGS ARE APPLIED.
16. 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 GRADES PRECISION COURSE (OGPC) OR ON THE PAVEMENT OF THE EXISTING PAVEMENT, THE CONTRACTOR SHALL APPLY A SEAL TO THE WATER BLASTED AREA AND SEAL SHALL BE INCIDENTAL TO REMOVAL OF EXISTING STRIPE.

LIST OF INCIDENTALS (NO ADDITIONAL PAYMENT ASSOCIATED)

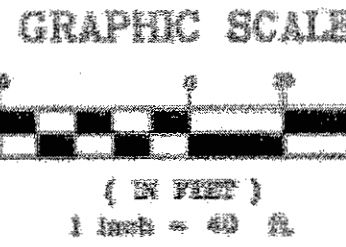
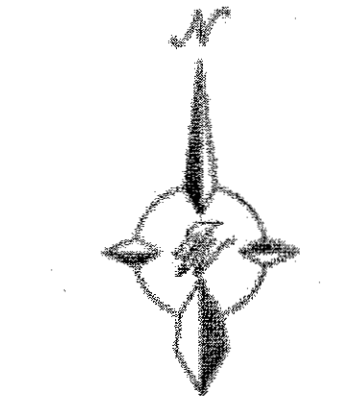
LIST OF INCIDENTALS FOR PERMANENT STRIPING AND SIGNING
A ALL SIGNING HARDWARE, INCLUDING, BUT NOT LIMITED TO BRACKETS, BANDING, BUCKLES, FASTENERS, SCREWS WASHERS ETC.
B PAVEMENT MARKING LAYOUT
C SEAL APPLIED TO PAVEMENT AFTER STRIPE REMOVAL

NOTE

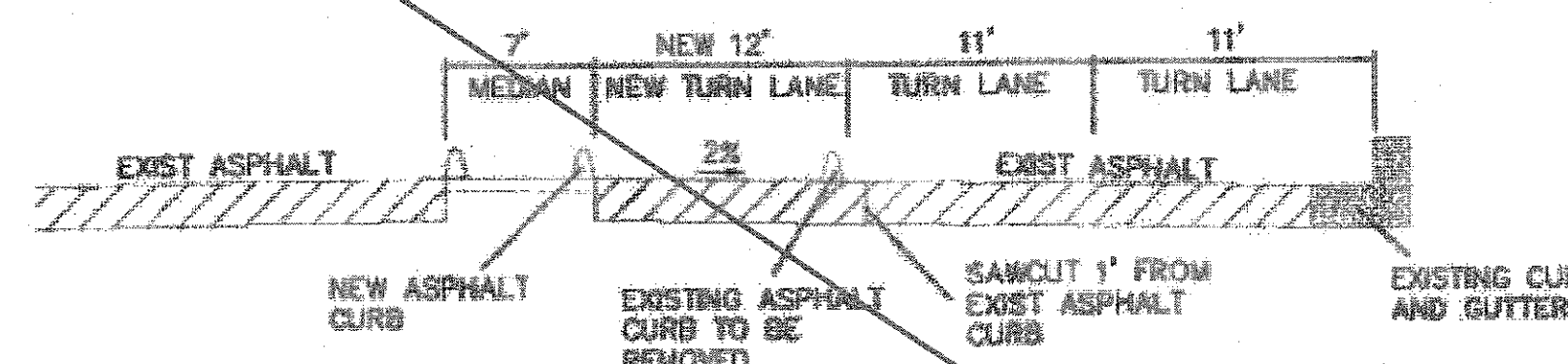
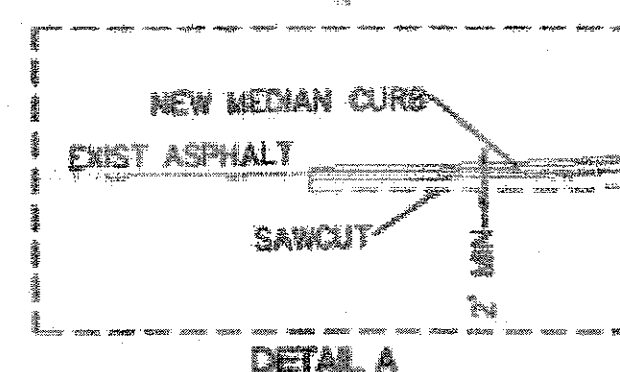
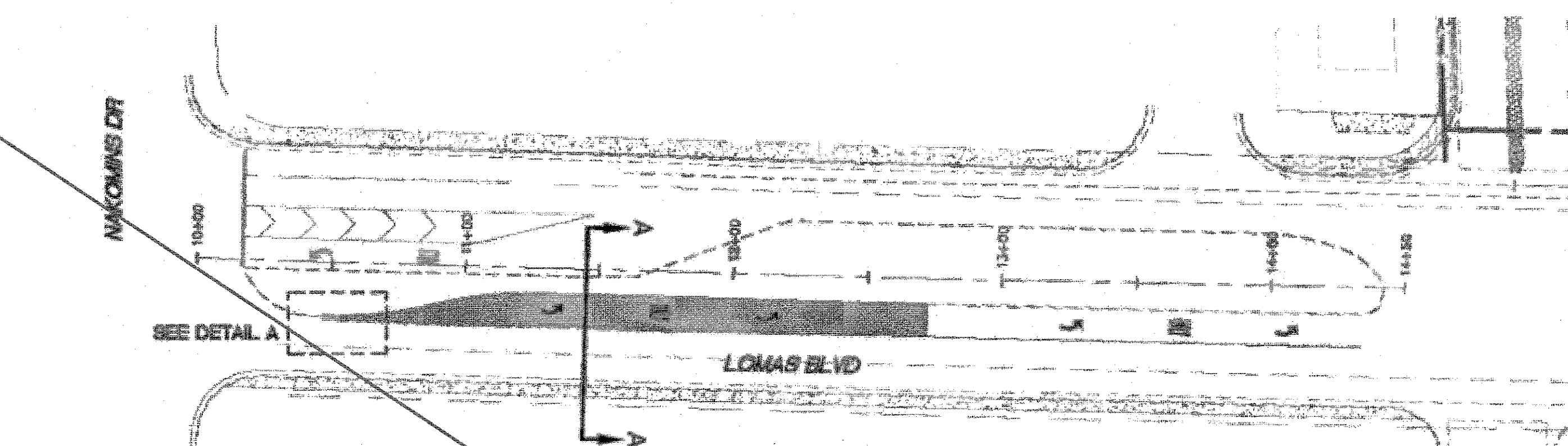
PRIOR TO FINAL STRIPE PROJECT LIMIT SHALL BE FOG SEALED AS TO REMOVE ALL ASPHALT SCARS FROM WATER BLASTING OPERATIONS

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

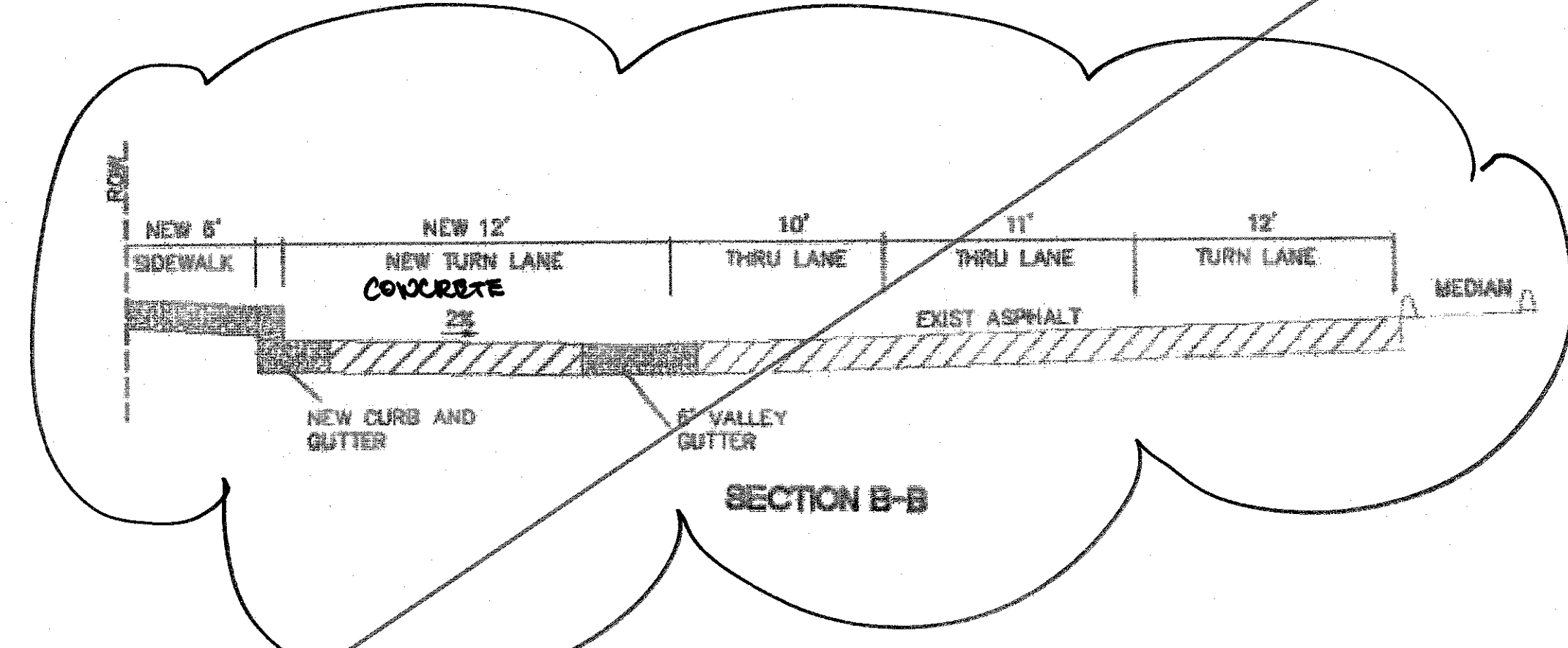
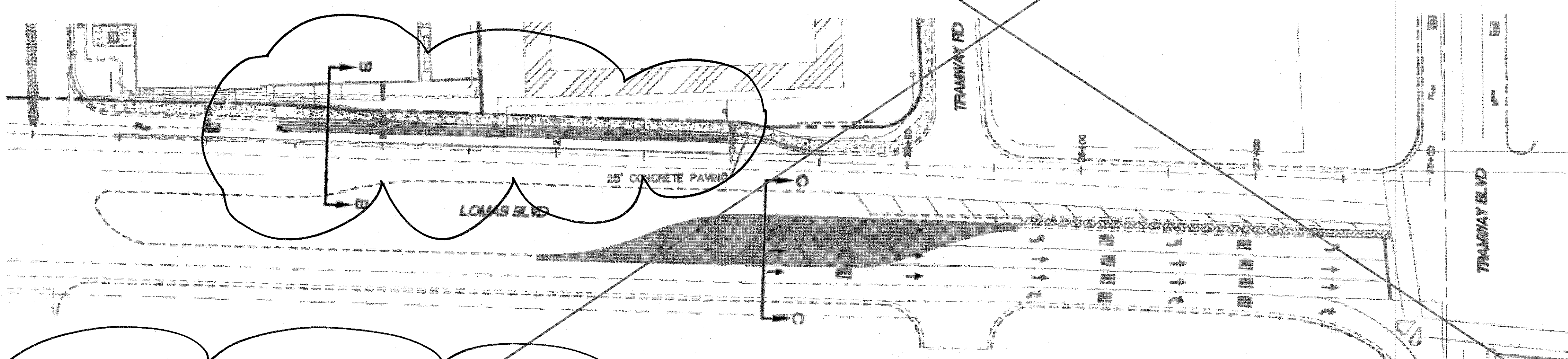
I, Ronald K. Bohannon, of the firm of Terra West LLC, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision 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 by me 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 Sandia Surveys, NMPS number 12649



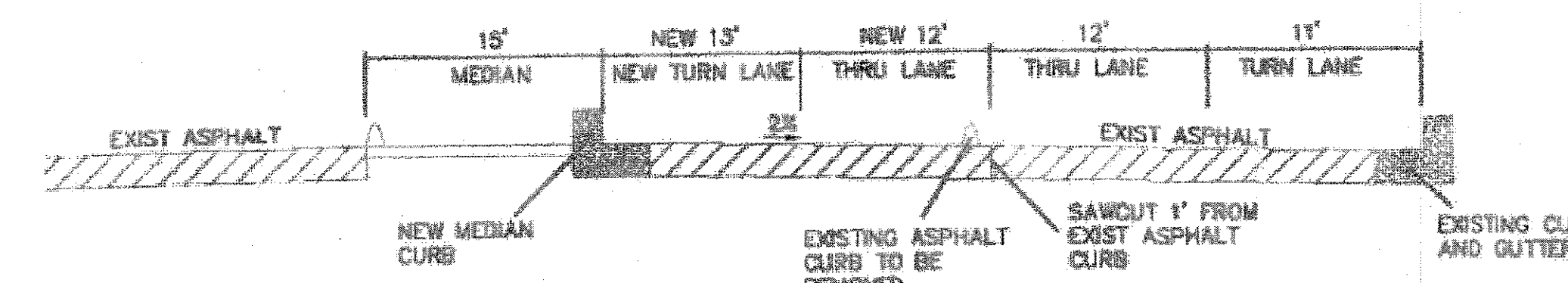
TERRA WEST, LLC 5571 MIDWAY PARK PLACE NE ALBUQUERQUE, NEW MEXICO 87109 (505) 858-3100 www.terrawestllc.com	
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP	
TITLE: ABQ SCHOOL OF EXCELLENCE ROADWAY IMPROVEMENTS LOMAS BLVD STRIPING PLAN	
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL
June 15, 2020	July 8, 2020
CITY PROJECT NO. 754686	ZONE MAP NO. K-22-Z
SHEET 8 OF 10	



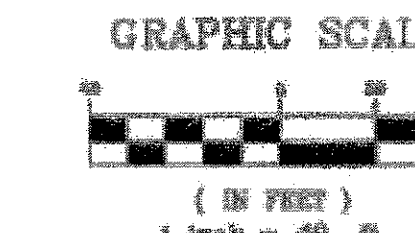
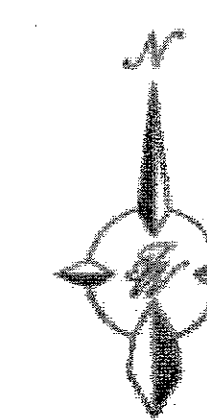
SECTION A-2



SECTION B-H

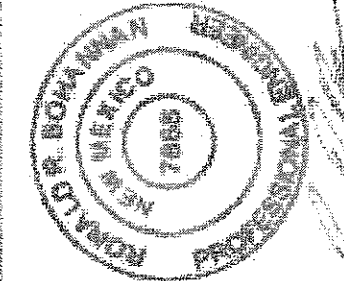
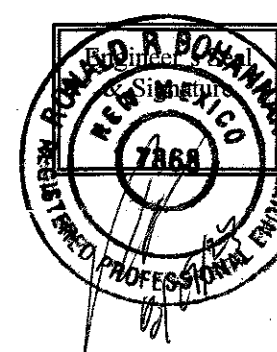


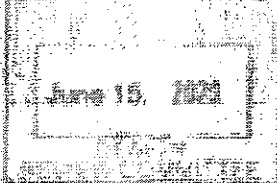
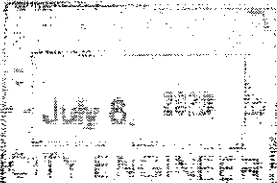
SECTION C—

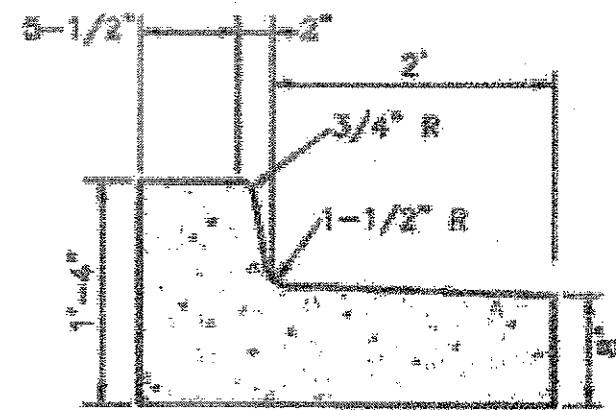


CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLA

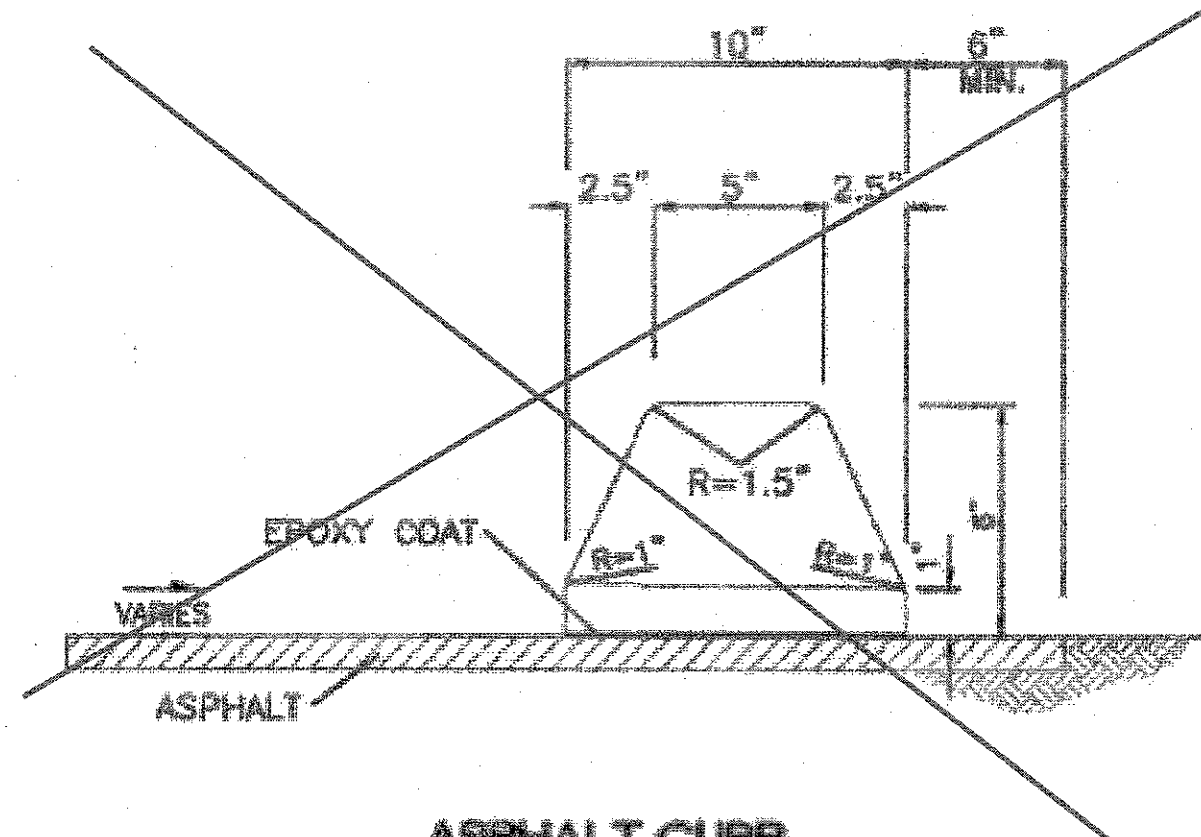
I, **Ronald R. Bohannon**, of the firm of **Tierra West LLC**, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my 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 followed to the extent shown on the built construction drawings. This Certification is based on site inspections by me, or personnel under my direction with survey information provided by **Sandia Surveys, NMPS number 12649**

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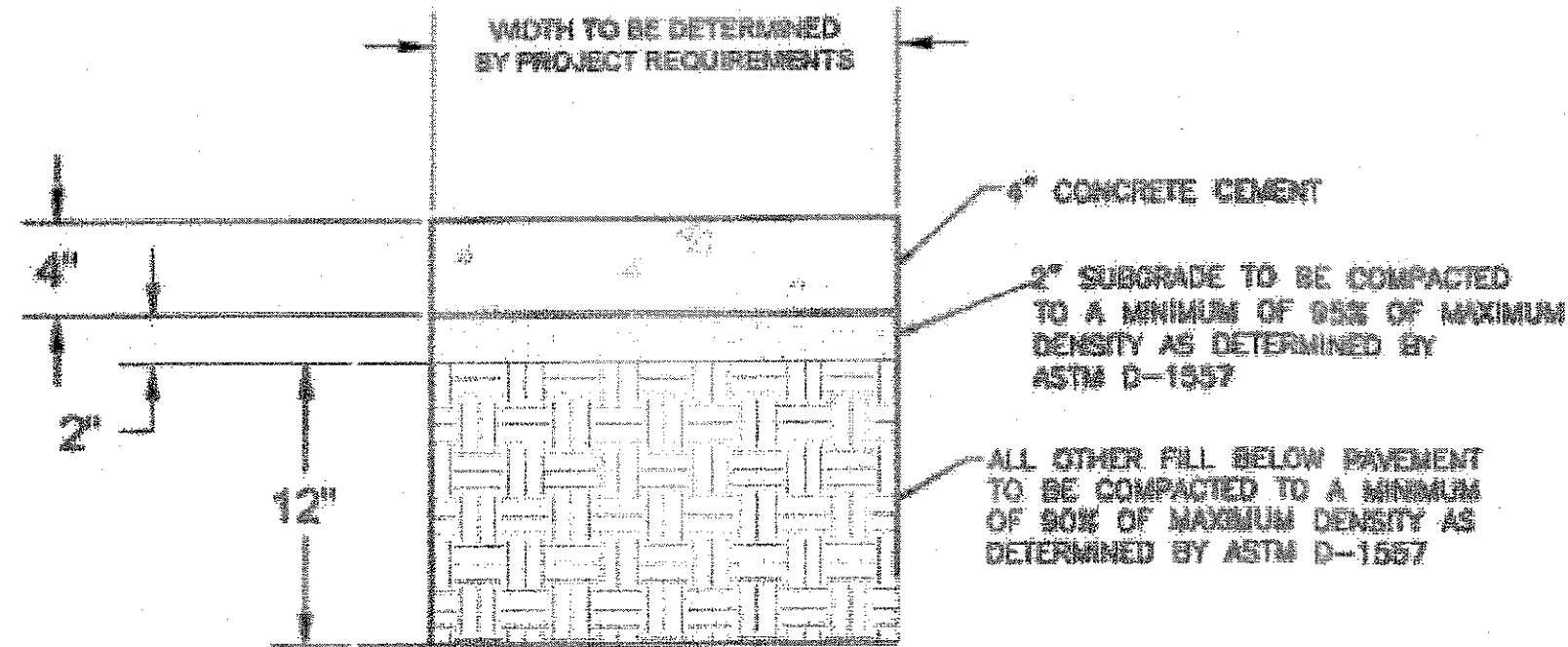
TIERRA WEST, LLC 5571 MIDWAY PARK PLACE NE ALBUQUERQUE, NEW MEXICO 87109 (505) 858-3100 www.tierrawestco.com		NO. DA	DESIGNED	DRAWN BY	DRAWN NAME	CHECKED BY
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT ENGINEERING GROUP						
TITLE: ABO SCHOOL OF EXCELLENCE ROADWAY IMPROVEMENTS ROADWAY SECTIONS						
DESIGN REVIEW COMMITTEE	CITY ENGINEER APPROVAL	LAST DESIGN UPDATE	MO./DAY/YR.	MO./DAY/YR.		
						
CITY PROJECT NO. 754686		ZONE MAP NO. K-22-Z	SHEET 9 OF 10			



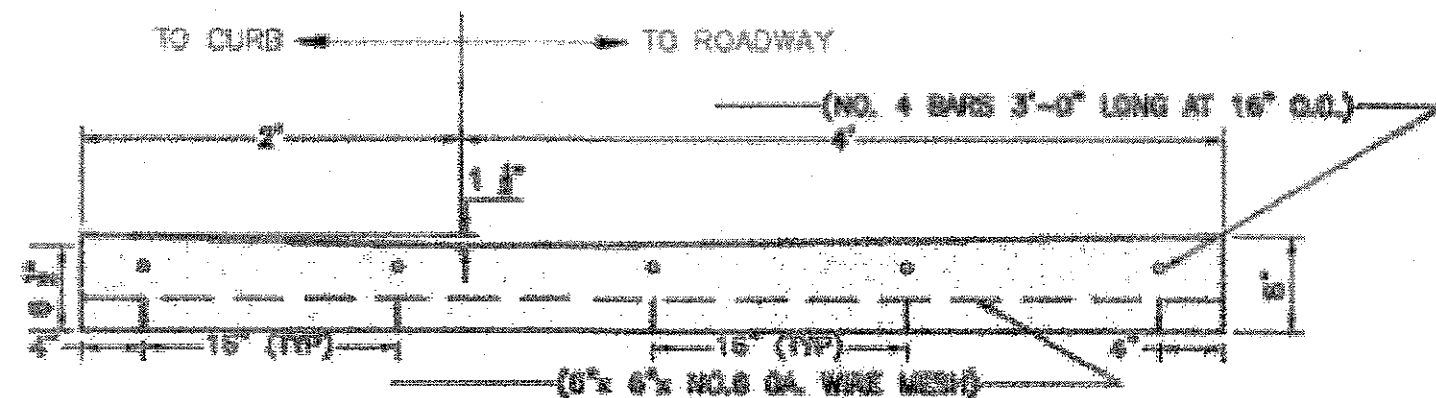
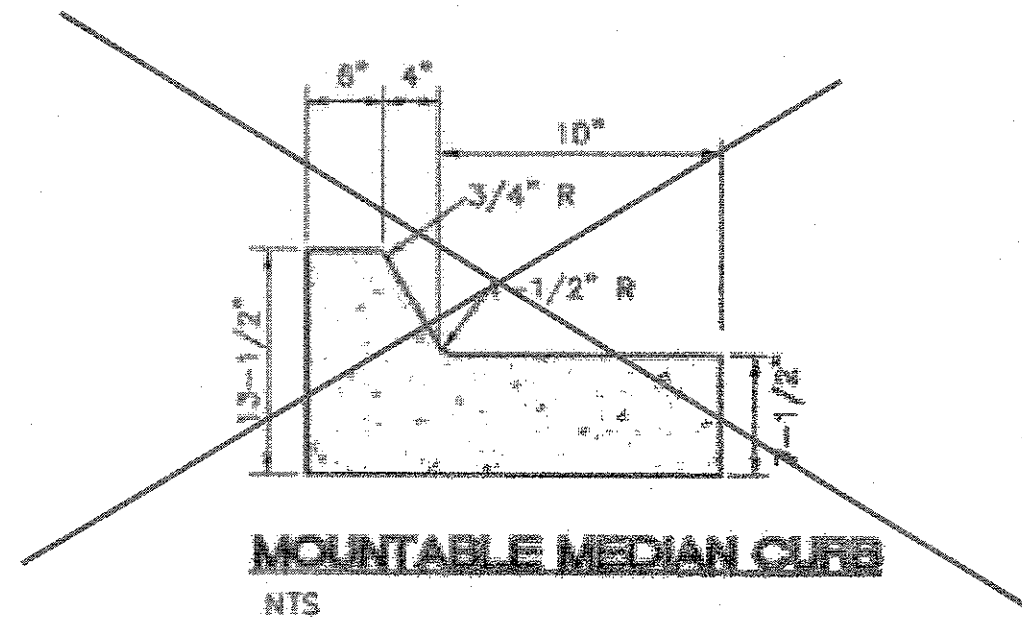
DEPRESSED CURB AND CUTTER
NTS



ASPHALT CURB
NTS



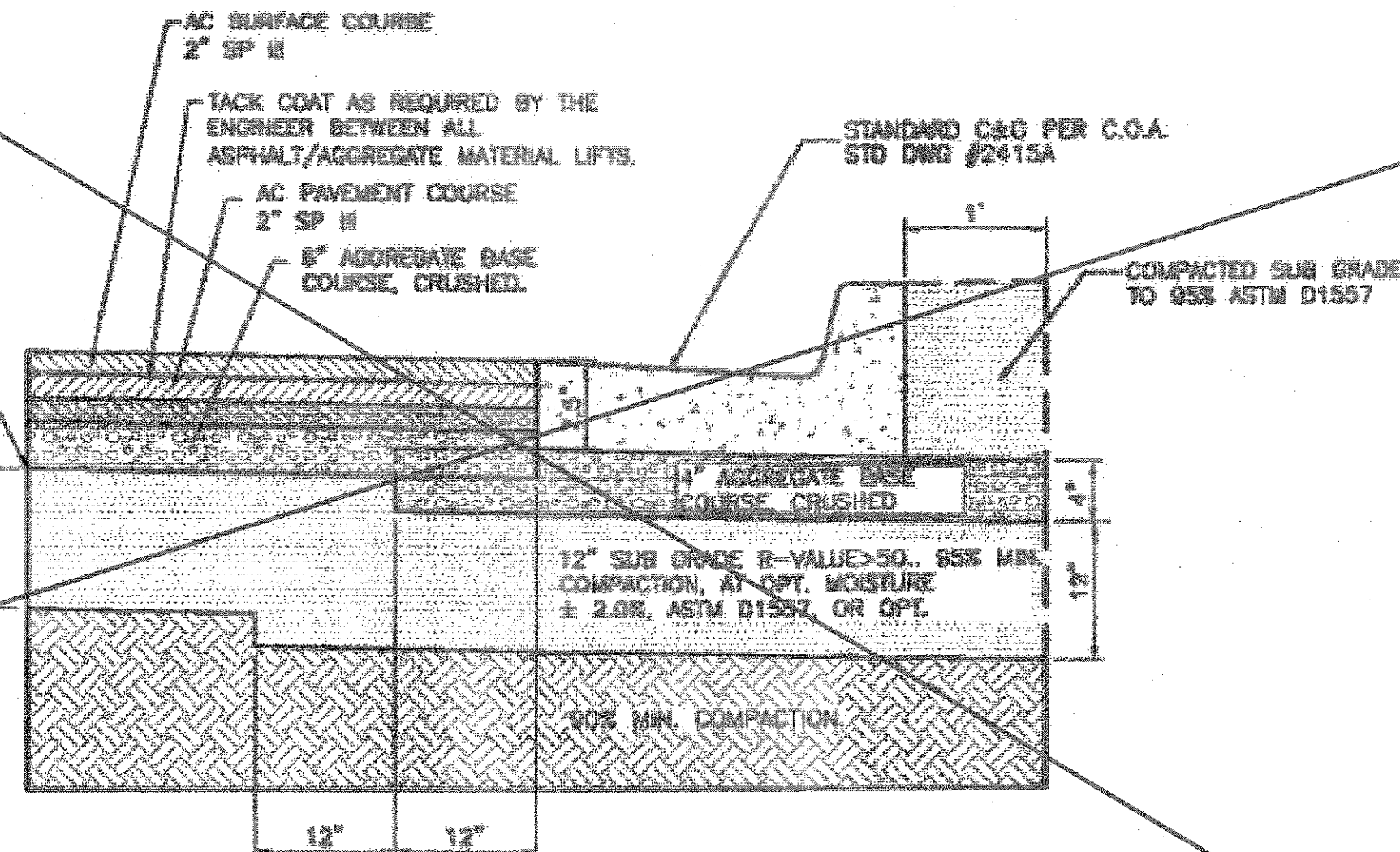
CONCRETE SIDEWALK SECTION
PER COA STD DWG 2430



CONCRETE VALLEY CUTTER DETAIL
NTS

FINISH SURFACE OF SUB GRADE SHALL BE MOISTURE CONTROLLED AT COMPACTION MOISTURE RANGE, OR PRIME COAT APPLIED AS REQUIRED BY THE ENGINEER UNTIL NEXT/FINAL SURFACE IS COMPLETED. SUB GRADE PREPARATION SHALL BE PERFORMED AFTER ALL SUBSURFACE R/W UTILITIES CONSTRUCTION IS COMPLETED.

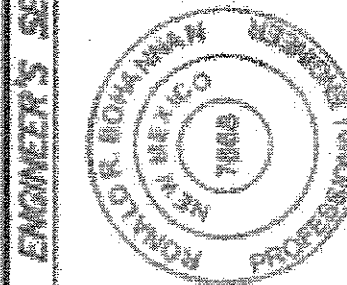
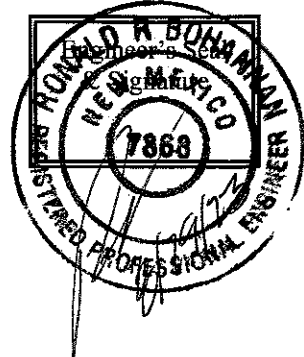
1' SURGED SOIL, R-VALUE>50, PLACED IN 2-6" COMPACTED LIFTS, 95% MIN. COMPACTION, AT OPT. MOISTURE \pm 2.0%, ASTM D1557, OR OPT. MOISTURE, TO \pm 4%, ASTM D698 FOR SOIL W/35% OR MORE MATERIAL PASSING THE NO. 200 SIEVE. SOIL NOT HAVING THE MIN. R-VALUE OF 50, SHALL BE REMOVED TO A DEPTH OF 2 FEET AND REPLACED BY THE CONTRACTOR WITH SUITABLE MATERIAL OR A PAVEMENT SHALL BE DESIGNED BY TIERRA WEST, LLC ACCOMMODATING THE EXISTING R-VALUE PER C.O.A. STANDARD SPECIFICATIONS.



TYPICAL PAVING SECTION (LOMAS BLVD)
NOTE: OR MATCH EXISTING PAVEMENT SECTION IF GREATER

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 by me 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 Sandia Surveys, NMPS number 12649.



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: ABO SCHOOL OF EXCELLENCE ROADWAY IMPROVEMENTS CONSTRUCTION DETAILS	
DESIGN REVIEW COMMITTEE June 15, 2020 CITY ENGINEER	CITY ENGINEER APPROVAL July 6, 2020 CITY ENGINEER
CITY PROJECT NO. 754688	ZONE MAP NO. K-22-Z
SHEET 10	OF 10