PHASE 2 CONSTRUCTION PLANS FOR

UNSER BLVD. & MCMAHON BLVD.

, , , , , , , , , , , , , , , , , , ,				
APPROV	ED RECORD DRAWINGS			
City Inspector Tim Sims				
Contractor	Salls Brothers Construction, Inc.			
Construction Engineer	David Bishop			
Date	3/17/2023			

ALBUQUERQUE BERNALILLO COUNTY, NEW MEXICO

APRIL 2022



CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, <u>Ronald R. Bohannan</u>, of the firm of <u>Tierra West LLC</u>, 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.



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SIGNAL PLANS - UNSER & IRVING

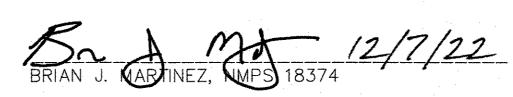
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SURVEYOR'S CERTIFICATION

I, BRIAN J. MARTINEZ, 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 BE ME OR UNDER MY SUPERVISION, AND THAT THIS 'AS-BUILT' INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. CARTESIAN SURVEYS IS NOT RESPONSIBLE FOR ANY OF THE DESIGN CONCEPTS, CALCULATIONS, ENGINEERING, OR INTENT OF





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

VICINITY

SCALE NONE

GENERAL NOTES

- . 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, 2020 EDITION AND WILL BE REFERRED TO HEREIN AS "STANDARD SPECIFICATIONS":
- 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.
- . 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.
- I. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN
- . 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 (260-1990) 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
- 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

- 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.
- MANHOLE RIMS, FIRE HYDRANT ELEVATIONS, AND FLANGE ELEVATIONS SHOWN ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY AND ADJUST TO FINAL PAVEMENT OR SURFACE GRADES.

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/WATER SHUT OFF AND TURN ON PROCEDURES.ASPX
- . 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"),
- . 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. 3. 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.
- 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.
- 3. 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.
- TRACER WIRE SHALL BE INCLUDED FOR ALL PUBLIC WATER AND SEWER MAINS AND FOR WATER SERVICES IN ACCORDANCE WITH WATER AUTHORITY DETAILS.
- IO. CONTRACTOR SHALL PROVIDE THE PROPOSED HYDRO TESTING PLANS TO THE WUA INSPECTORS FOR APPROVAL PRIOR TO BEGINNING TESTING OPERATIONS.
- 1. 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.
- 2. 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.ABCWUA.ORG/WATER SHUT OFF AND TURN ON PROCEDURES.ASPX

- 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
- 2. REMOVAL OF EXISTING CURB & GUTTER AND SIDEWALKS SHALL BE TO THE NEAREST JOINT.

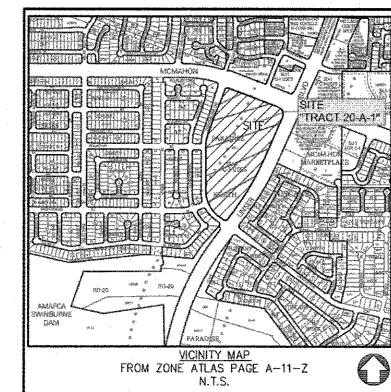
CONTACT THE ENGINEER IMMEDIATELY SO THE PAVEMENT SECTION CAN BE MODIFIED.

- 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
- 4. CURB AND GUTTER, SIDEWALKS, AND DRIVE PADS SHALL MATCH THE LINE AND GRADE OF ABUTTING 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 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
- 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 SPILLOVER 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.

- 1. ALL EXCAVATION, TRENCHING, AND SHORING ACTIVITIES MUST BE ACCOMPLISHED IN ACCORDANCE WITH OSHA
- 29CFR 1926,650 SUBPART P.
- 2. WHEN DISTURBING MORE THAN % 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
- 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
- 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
- 8. CONTRACTOR SHALL CONDUCT ALL WORK IN A MANNER WHICH WILL MINIMIZE INTERFERENCE WITH LOCAL
- 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
- 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 NOTICY 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.

DRC CASE NO. PR-2020-003443

REV SHEETS CITY ENGINEER DATE USER DEPT. | DATF | USER DEPT. ENGINEERS STAMP & SIGNATURE APPROVALS ENGINEER DATE ********************* 4/22/2022 APPROVED FOR CONSTRUCTION to was like by DRC Chairman 4/7/2022 MProm P.E. Transportation Water/Wastewater Robert W. Strong 4/11/22 Hydrology AMAFCA ity Engineer and Design 7/20/2022 Constr. Magnt. Committee, July 20, Constr. Coord. 04-07-22 SHEET RONALD R. BOHANNAN CITY PROJECT NO. 683084



SUBDIVISION DATA

ZONE ATLAS MAP NO. A-11; ZONING: SU-1.

GROSS SUBDIVISION ACREAGE: 19.088 ACRES. TOTAL NUMBER OF LOTS/TRACTS CREATED: NINE (9) LOTS.

. DATE OF SURVEY: JULY 2020

PLAT IS LOCATED WITHIN CITY OF ALBUQUERQUE, BERNALILLO COUNTY, THIS PLAT SHOWS ALL PLOTTABLE EASEMENTS OF RECORD.

PURPOSE OF PLAT

THE PURPOSE OF THIS PLAT IS TO REPLAT ONE EXISTING TRACT TRACTS 20A-1) AS DESCRIBED IN THAT PLAT OF PARADISE NORTH FILED IN THE RECORDS OF BERNALILLO COUNTY CLERK'S OFFICE ON AUGUST 08, 1990, BOOK 90C, PAGE 182 INTO NINE NEW LOTS.

- BEARINGS SHOWN ON THIS PLAT ARE NEW MEXICO STATE PLANE GRID BEARINGS, CENTRAL ZONE, NAD 1983.
- DISTANCES ARE GROUND DISTANCES (U.S. SURVEY FOOT). THIS SURVEY IS BASED UPON THE PLAT OF PARADISE NORTH RECORDED IN DOCUMENT NO. 1990061878 OF THE RECORDS OF BERNALILLO COUNTY CLERKS OFFICE RECORDED ON AUGUST 08,

1990, RECORD BEARING AND DISTANCES ARE SHOWN ON THIS

. GRID TO GROUND SCALE FACTOR USED IS 0.999670857 AS PUBLISHED BY ACS MONUMENT "9-A11". DATA IN PARENTHESIS IS RECORD OBTAINED FROM THE PLAT OF PARADISE NORTH, RECORDED AUGUST 08, 1990, IN DOCUMENT NO. 1990061878.

SOLAR NOTE: PURSUANT TO SECTION 14-14-4-7 OF THE CITY OF ALBUQUERQUE CODE OF ORDINANCE, "NO PROPERTY WITHIN THE AREA OF THIS PLAT SHALL AT ANY TIME BE SUBJECT TO A DEED RESTRICTION, COVENANT, OR BINDING AGREEMENT PROHIBITING SOLAR COLLECTORS FROM BEING INSTALLED ON BUILDINGS OR ERECTED ON THE LOTS OR TRACTS WITHIN THE AREA OF PROPOSED PLAT.

DESCRIPTION
TRACT NUMBERED 20A-1, OF VACATION AMENDED PLAT AND REPLAT
OF PARADISE NORTH, SITUATE WITHIN THE TOWN OF ALAMEDA GRANT, Y OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO, AS THE AME IS SHOWN AND DESIGNATED ON THE AMENDED PLAT AND REPLAT OF SAID SUBDIVISION, FILED IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO, ON AUGUEST 8, 1990, IN PLAT BOOK 90C, FOLIO 182.

THIS TRACT CONTAINS 19.088 ACRES (831,465 SQ. FT.) MORE OR

EXISTING EASEMENTS:

10-FOOT PUBLIC UTILITY EASEMENT FILED: AUGUST 08, 1990, IN BOOK 90C, PAGE 182.

NEW EASEMENTS:

(1) EASEMENT FOR PUBLIC ACCESS, PUBLIC WATER, PUBLIC SEWER AND PUBLIC DRAINAGE TO BE GRANTED BY THE FILING OF THIS PLAT.

PUBLIC UTILITY EASEMENTS SHOWN ON THIS PLAT ARE CRANTED FOR THE COMMON AND JOINT USE OF:

PUBLIC SERVICE COMPANY OF NEW MEXICO (PNM), A NEW MEXICO CORPORATION, (PNM ELECTRIC) FOR THE INSTALLATION, MAINTENANCE, AND SERVICE OF OVERHEAD AND UNDERGROUND LECTRICAL LINES, TRANSFORMER, AND OTHER EQUIPMENT AND FACILITIES REASONABLY NECESSARY TO PROVIDE ELECTRICAL

NEW MEXICO GAS COMPANY, FOR INSTALLATION, MAINTENANCE, AND SERVICE OF NATURAL GAS LINES. VALVES AND OTHER EQUIPMENT AND FACILITIES REASONABLY NECESSARY TO PROVIDE NATURAL GAS SERVICE.

CABLE, AND OTHER RELATED EQUIPMENT AND FACILITIES RESPONSIBLY NECESSARY TO PROVIDE COMMUNICATION

COMCAST, FOR THE INSTALLATION, MAINTENANCE, AND SERVICE OF SUCH LINES, CABLE, AND OTHER RELATED EQUIPMENT AND FACILITIES RESPONSIBLY NECESSARY TO PROVIDE CABLE

INCLUDED, IS THE RIGHT TO REBUILD, CONSTRUCT, RECONSTRUCT, LOCATE, RELOCATE, CHANGE, REMOVE, REPLACE, MODIFY, RENEW, OPERATE AND MAINTAIN FACILITIES FOR PURPOSES DESCRIBED ABOVE, TOGETHER WITH FREE ACCESS TO, FROM, AND OVER SAID EASEMENT, WITH THE RIGHT AND PRIVILEGED OF GOING UPON, OVER AND ACCROSS ADJOINING LANDS OF "GRANTOR" FOR PURPOSES SET FORTH HEREIN AND WITH THE RIGHT TO UTILIZE THE RIGHT OF WAY AND EASEMENT TO EXTEND SERVICES TO CUSTOMERS OF "GRANTEE", INCLUDING SUFFICIENT WORKING SPACE FOR ELECTRICAL TRANSFORMERS, WITHIN THE RIGHT AND PRIVILGE TO TRIM AND REMOVE TREES SHRUBS OR BUSHES WHICH INTERFERE WITH THE PURPOSES SET FORTH HEREIN. NO BUILDING, SIGN, POOL (ABOVEGROUND OR SUBSURFACE), HOT TUB, CONCRETE OR WOOD DECKING, OR OTHER STRUCTURE SHALL BE ERECTED OR CONSTRUCTED ON SAID EASEMENTS, NOR SHALL ANY WELL BE DRILLED OR OPERATED THEREON, PROPERTY OWNERS SHALL BE SOLELY RESPONSIBLE FOR CORRECTING ANY VIOLATIONS OF NATURAL ELECTRICAL SAFETY CODE BY CONSTRUCTION OF POOLS, DWCKING, OR ANY STRUCTURES ADJACENT TO OR NEAR EASEMENTS SHOEN ON PLAT.

PLAT OF UNSER AND MCMAHON CENTER SUBDIVISION WITHIN THE TOWN OF ALAMEDA GRANT

PROJECTED SECTION 2, TOWNSHIP 11 NORTH, RANGE 2 EAST, N.M.P.M. CITY OF ALBUQUERQUE BERNALILLO COUNTY, NEW MEXICO

UTILITY APPROVALS:

AUGUST 2021

	ADD to a classific difficulty polarization comment and addition and an additional and the additional and additional additional and additional and additional additional additional additional and additional addi	
FREE CONSENT SURVEYED AND SUB-DIVIDED AND NOW COMPRISING,	PNM ELECTRIC SERVICES	DATE
"PLAT OF UNSER AND MCMAHON CENTER", WITH THE FREE CONSENT OF AND IN ACCORDANCE WITH THE WISHES AND DESIRES OF THE UNDERSIGNED OWNER(S) AND PROPRIETOR(S), THE EXECUTION OF THIS PLAT IS THEIR FREE ACT AND DEED.	NEW MEXICO GAS COMPANY	DATE
SAID OWNER(S) AND PROPRIETOR(S) DO HEREBY WARRANT THAT THEY HOLD AMONG THEM COMPLETE AND INDEFEASIBLE TITLE IN FEE SIMPLE TO THE LAND SUB-DIVIDED.	COMCAST COMCAST	DATE
SAID OWNER(S) DO HEREBY GRANT EASEMENTS AS SHOWN HEREON.		
SAID OWNER(S) AND PROPRIETOR(S) DO HEREBY CONSENT TO ALL OF THE FORGOING AND DO HEREBY REPRESENT THAT THEY ARE SO AUTHORIZED TO ACT.	CITY APPROVALS:	
	CITY SURVEYOR .	DATE
OWNER: TRES ESQUINAS LIMITED COMPANY, LLC		

BY: YOGESH PATEL REAL PROPERTY DIVISION TITLE: MANAGING MEMBER ENVIRONMENTAL HEALTH DEPARTMENT YOGESH PATEL

TRAFFIC ENGINEERING, TRANSPORTATION DIVISION DATE ACKNOWLEDGEMENT: STATE OF _____ A.B.C.W.U.A.

COUNTY OF PARKS & RECREATION DEPARTMENT PERSONALLY APPEARED KNOWN TO ME TO BE THE PERSON(S) DESCRIBED IN AND WHO EXECUTED THE FOREGOING INSTRUMENT AND ACKNOWLEDGED THAT THEY EXECUTED THE SAME AS THEIR FREE ACT AND DEED.

CITY ENGINEER/HYDROLOGY WITNESS MY HAND AND OFFICIAL SEAL THE DAY AND YEAR LAST ABOVE WRITTEN. CODE ENFORCEMENT MY COMMISSION EXPIRES: _

DRB CHAIRPERSON, PLANNING DEPARTMENT NOTARY PUBLIC TREASURER'S OFFICE CERTIFICATION THIS IS TO CERTIFY THAT THE TAXES ARE CURRENT AND

TREASURER'S OFFICE

PAID ON UPC #:___ PROPERTY OWNER OF RECORD _ BERNALILLO COUNTY

SURVEYOR'S CERTIFICATION

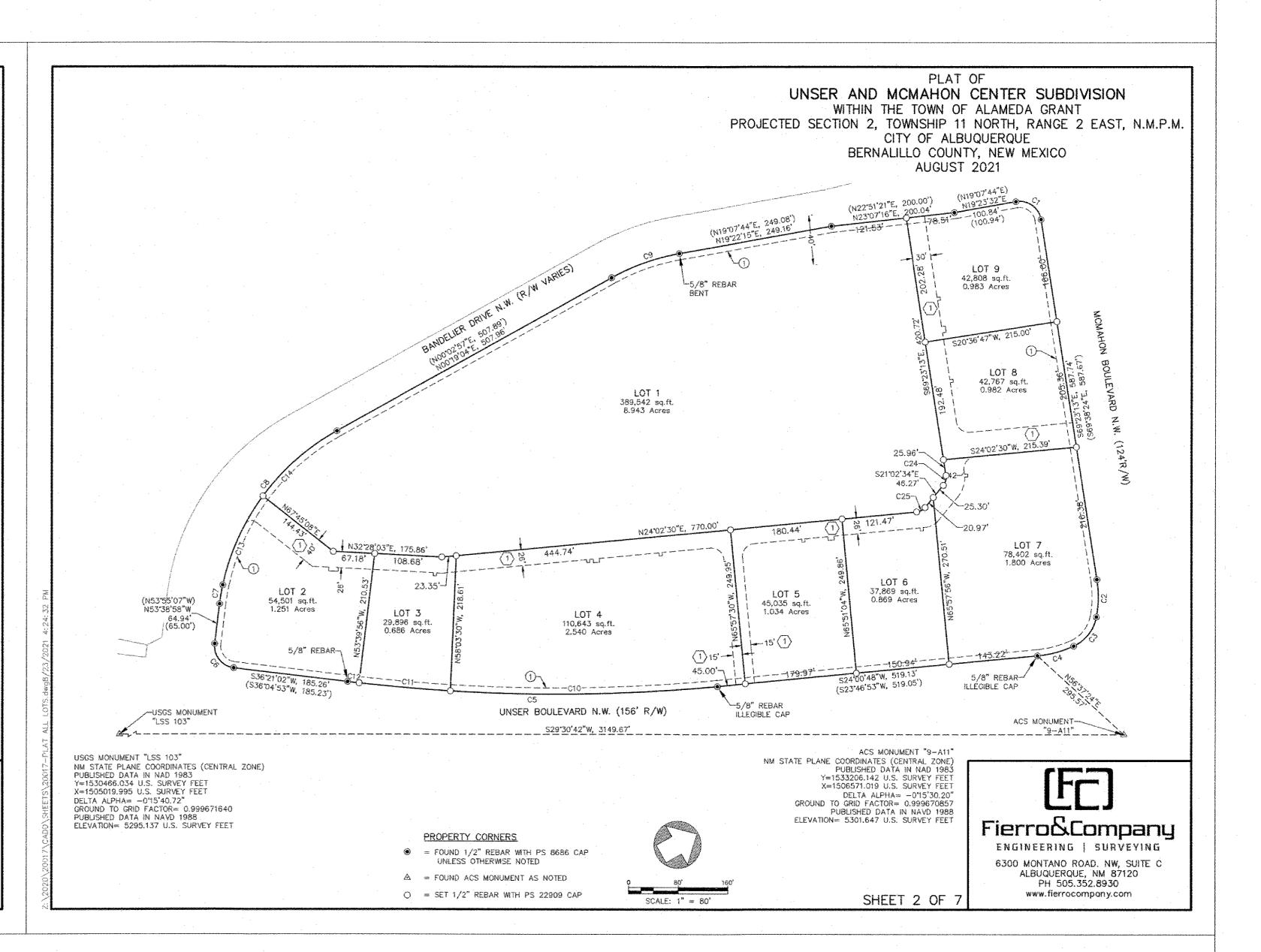
I, ROBERT J. FIERRO, NEW MEXICO PROFESSIONAL SURVEYOR NO. 22909, DO HEREBY
CERTIFY THAT THIS PLAT OF SURVEY WAS PREPARED FROM FIELD NOTES OF AN ACTUAL
GROUND SURVEY PERFORMED BY ME OR UNDER MY SUPERVISION; THAT IT ACCURATELY
MEETS THE STANDARDS FOR LAND SURVEYS IN NEW MEXICO AS ADDEPTED BY THE NEW MEXICO STATE BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND PROFESSIONAL SURVEYORS; MEETS THE MINIMUM REQUIREMENTS FOR MONUMENTS AND SURVEYS OF THE ALBUQUERQUE SUBDIVISION ORDINANCE, AND IS TRUE AND ACCURATE THE BEST OF MY KNOWLEDGE AND BELIEF.

ROBERT J. FIERRO, N.M.P.S. No. 22909 SHEET 1 OF 7



DATE

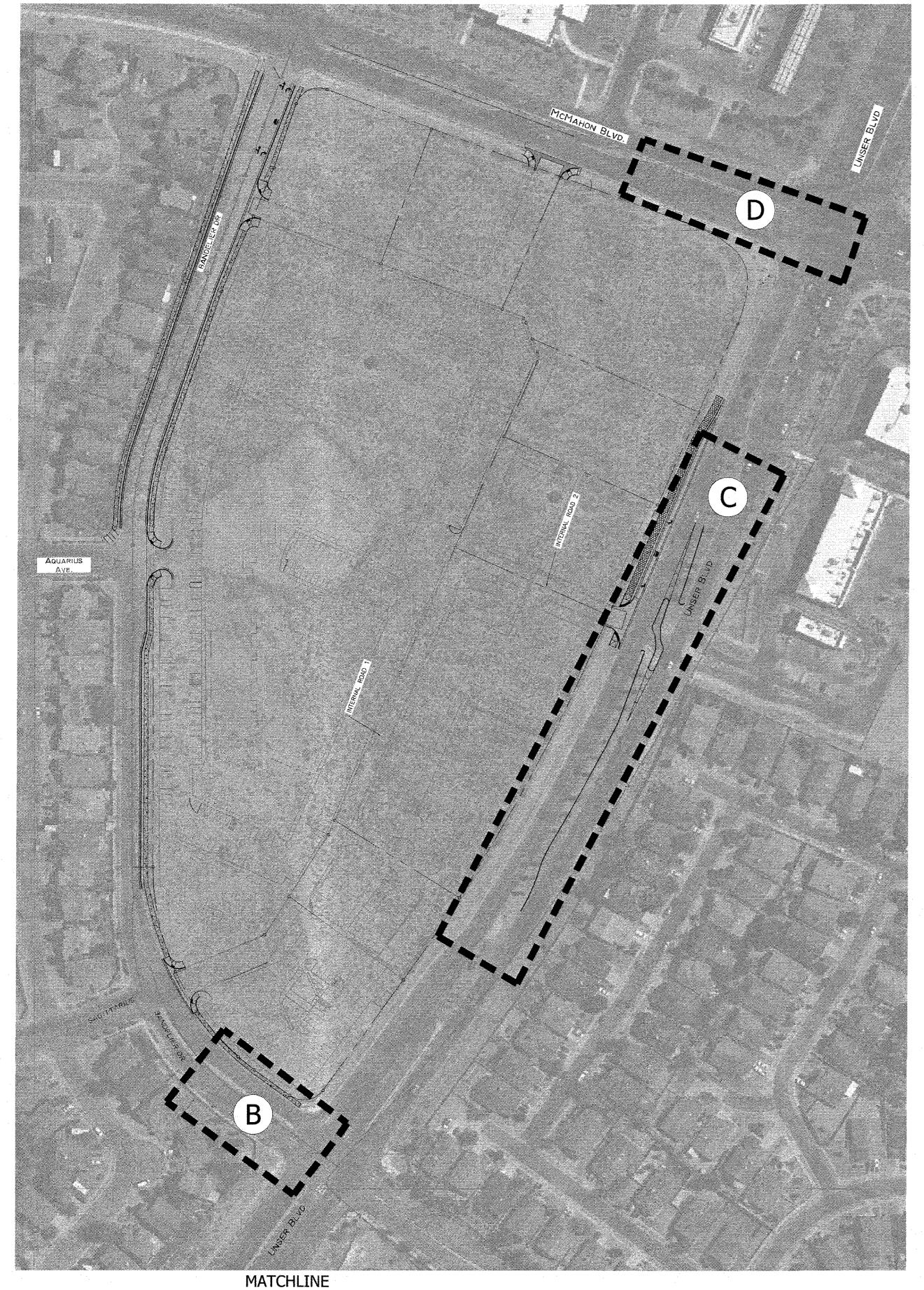
ENGINEERING | SURVEYING 6300 MONTANO ROAD. NW, SUITE C ALBUQUERQUE, NM 87120 PH 505.352.8930 www.fierrocompany.com



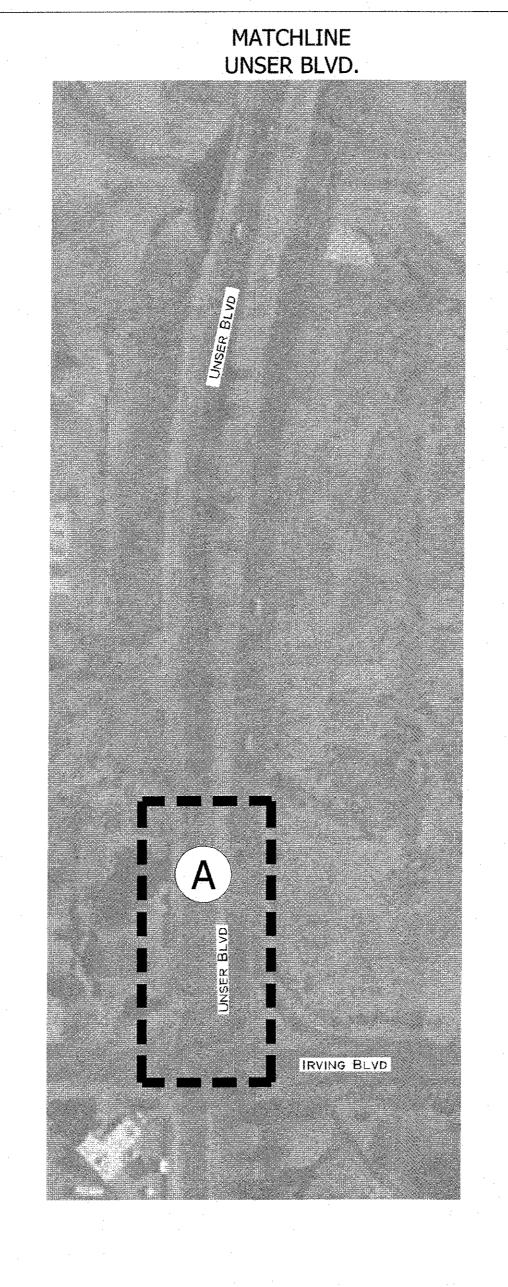
FOR REFERENCE ONLY

Approved by Albuquerque City Engineer and Design Review Committee, July 20, 2022

SHT 2 OF 22



MATCHLINE UNSER BLVD.



AREA SHEET

5 DEMOLITION PLAN: UNSER @ IRVING

6 PAVING IMPROVEMENTS: UNSER @ IRVING

7 STRIPING & SIGNAGE IMPROVEMENTS: UNSER @ IRVING

(B) 8 STRIPING IMPROVEMENTS: BANDELIER @ UNSER

9 DEMOLITION PLAN, MEDIAN, UNSER LEFT TURN LANE

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D 15 STRIPING & SIGNAGE IMPROVEMENTS, McMAHON @ UNSER

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, <u>Ronald R. Bohannan</u>, of the firm of <u>Tierra West LLC</u>, 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.



O. DATE

REMARKS

REVISIONS

PESIGN

BY: VP

AWING NAME: 2020015_CONSTRUCTION VICINITY PLAN JOB NO ECKED BY: VP

ECKED BY: VP

AMOUNT BY: BF

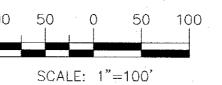
BATE: 1,

AMOUNT BY: VP

BATE: 1,



GRAPHIC SCALE



TIERRA WEST, LLC

5571 MIDWAY PARK PLACE NE
ALBUQUERQUE, NM 87109
(505)858-3100
www.tierrawestlc.com

CITY OF ALBUQUERQUE
DESIGN REVIEW & CONSTRUCTION
ENGINEERING GROUP

UNSER & McMAHON - PHASE 2

CONSTRUCTION VICINITY PLAN

683084

DESIGN REVIEW COMMITTEE CITY ENGINEER APPROVAL

Approved by Albuquerque
City Engineer and Design
Review Committee, July 20, 2022

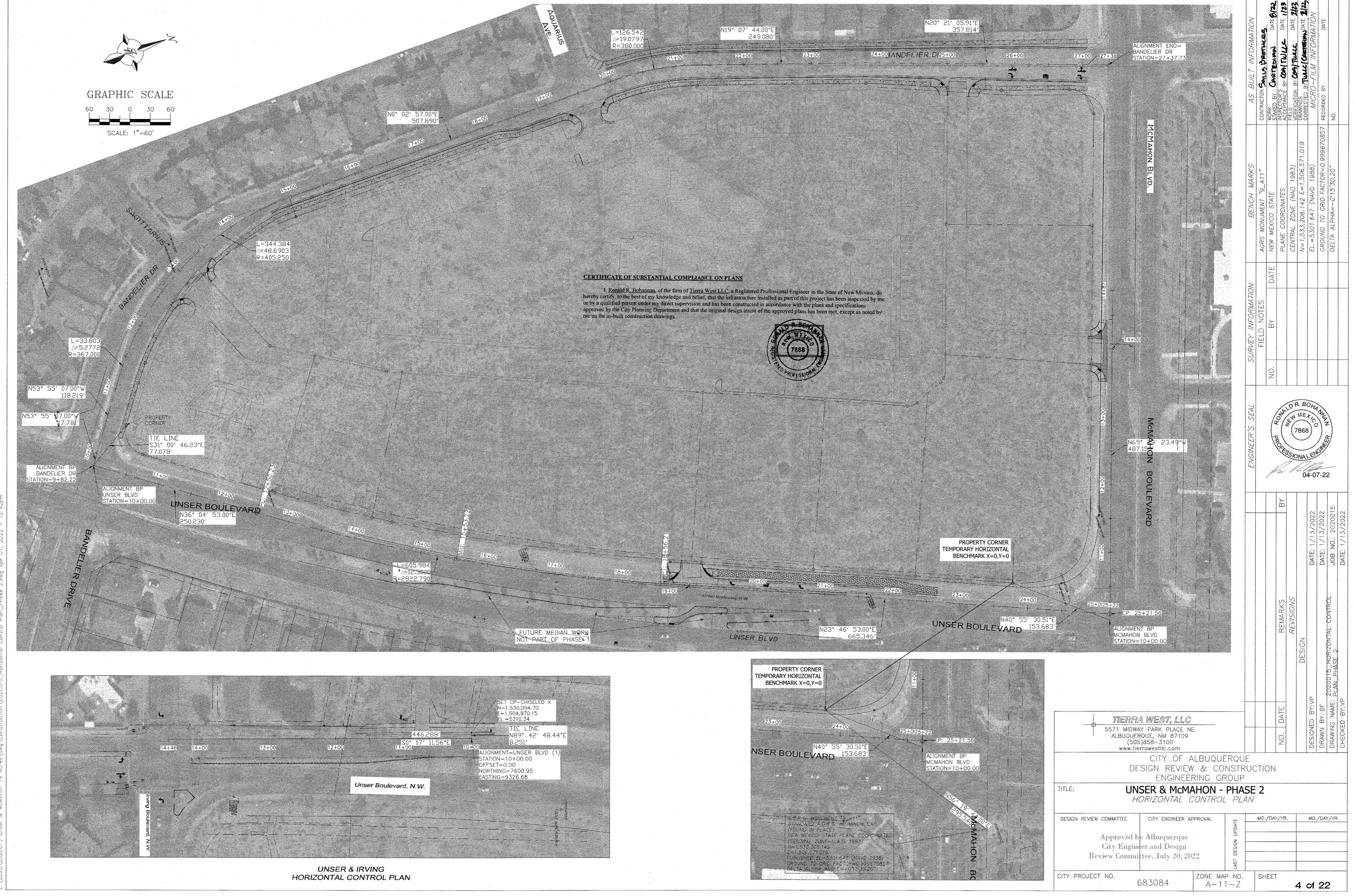
CITY PROJECT NO.

ZONE MAP NO. A-11-Z

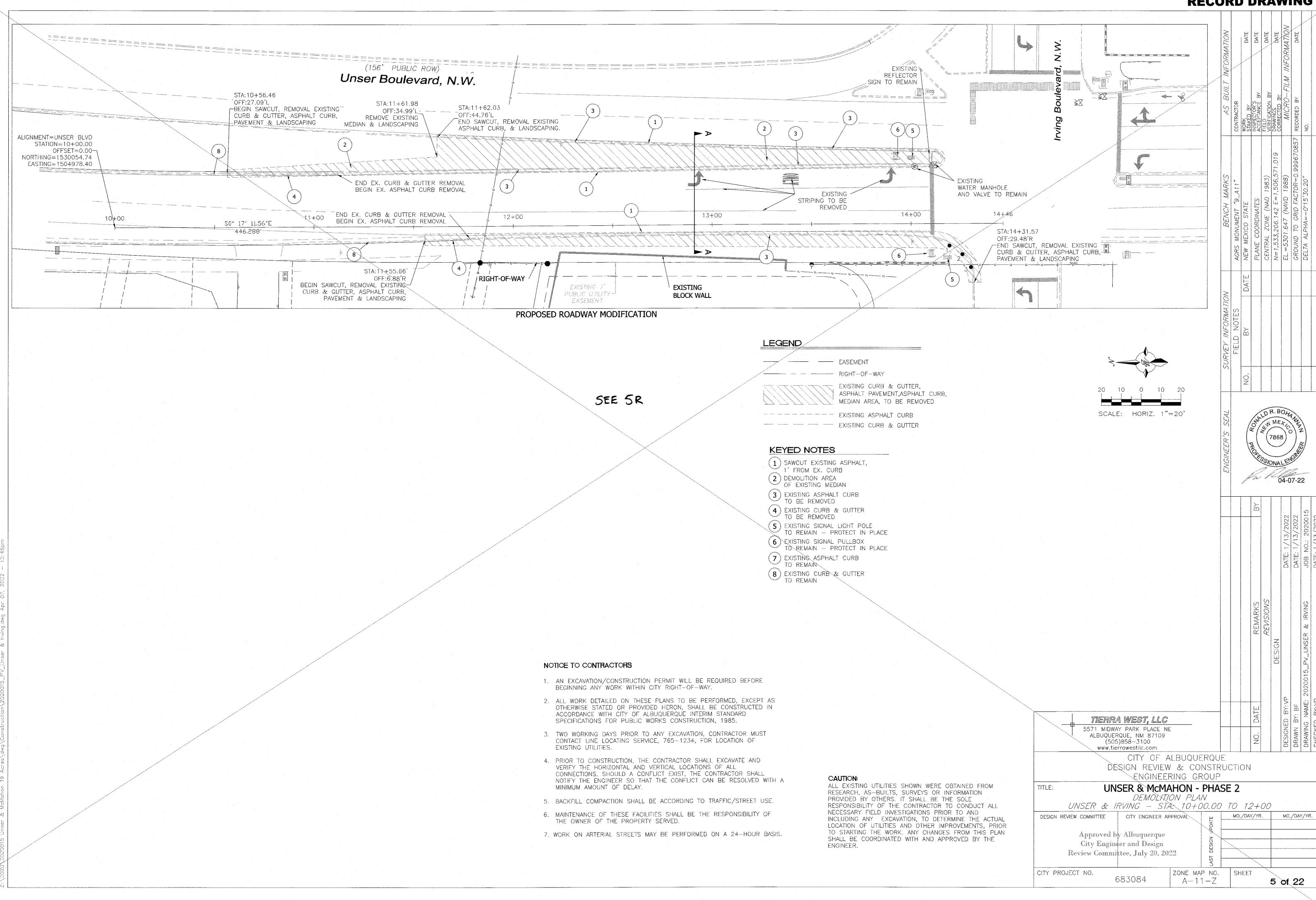
3 of 22

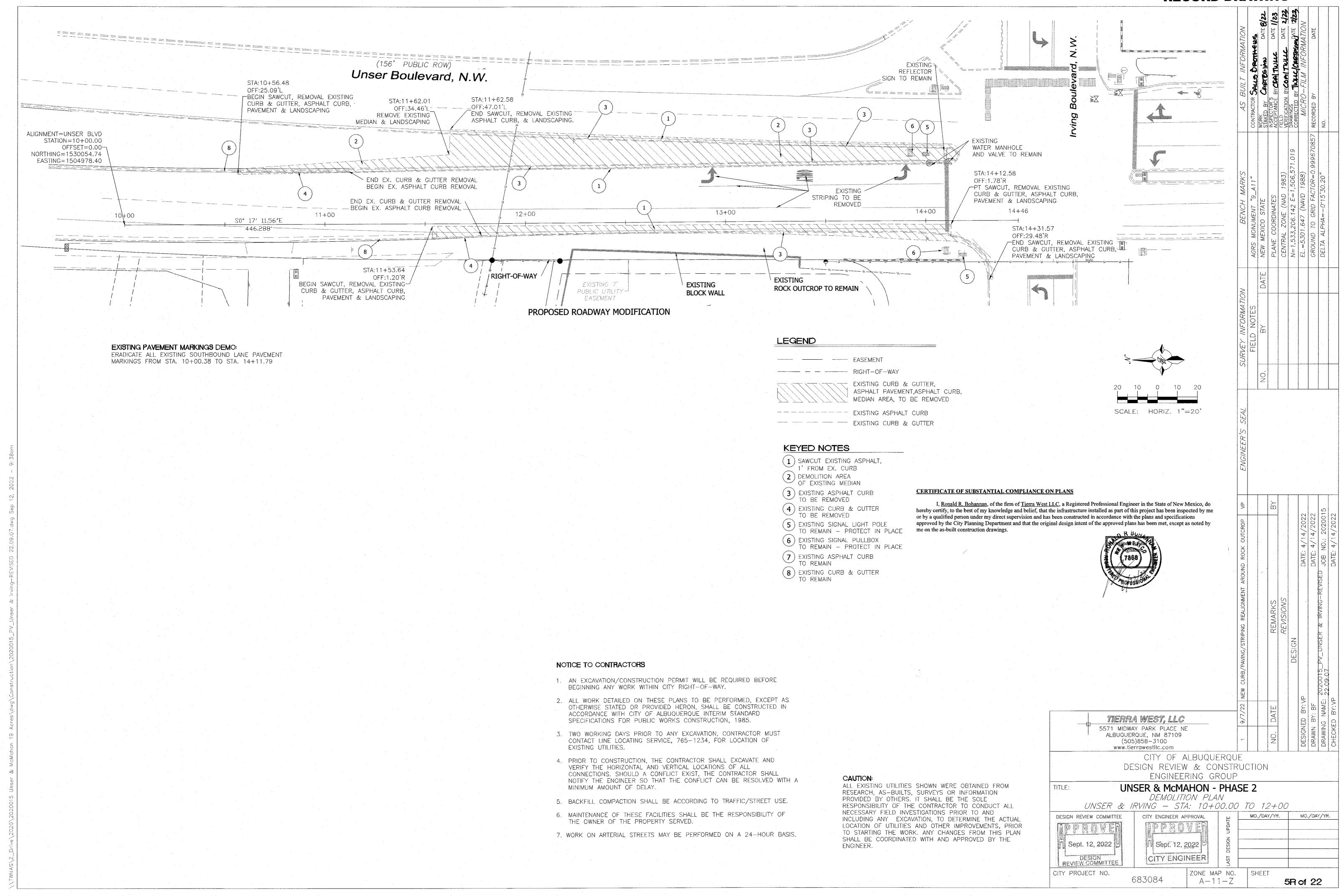
SHEET

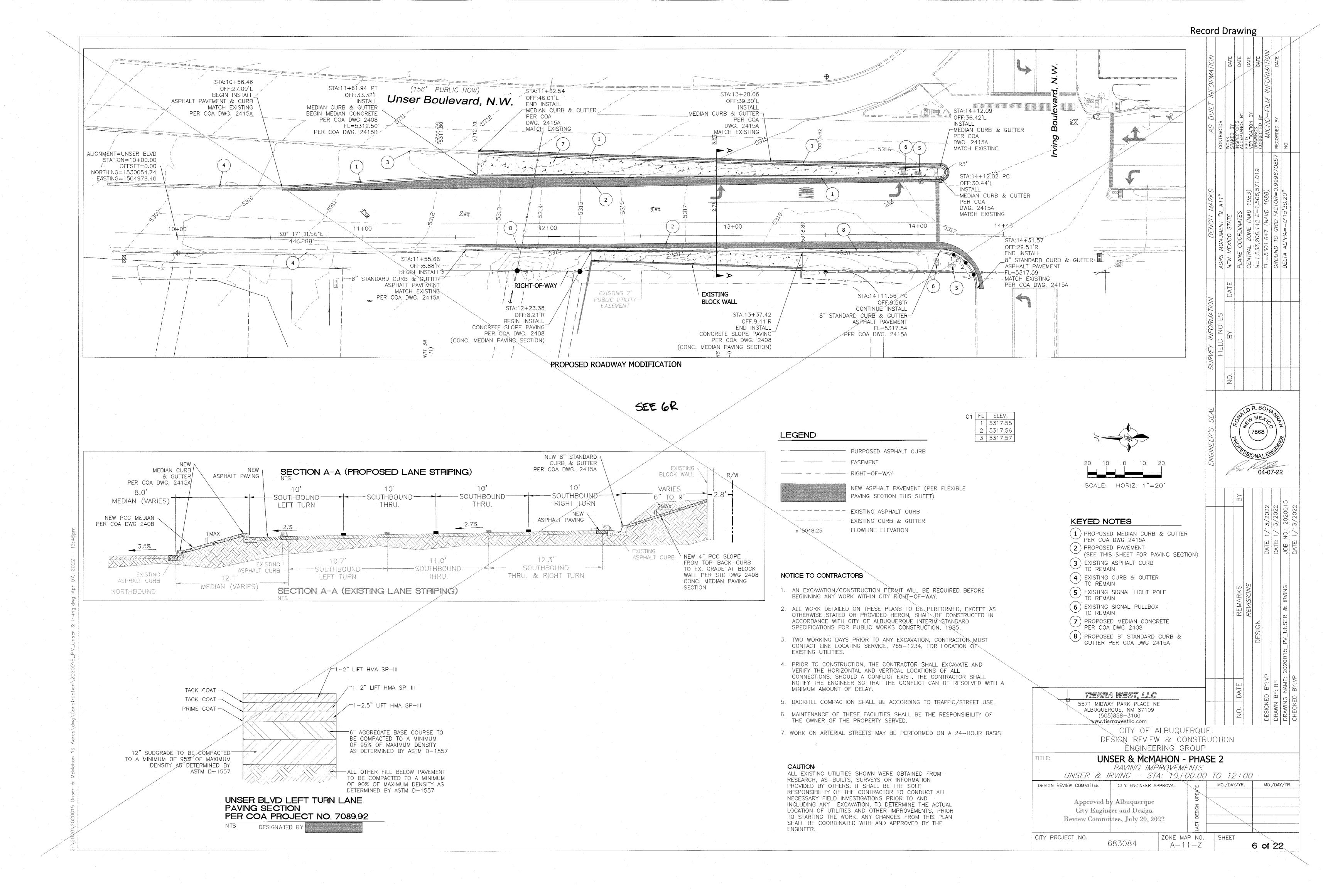
RECORD DRAWINGS



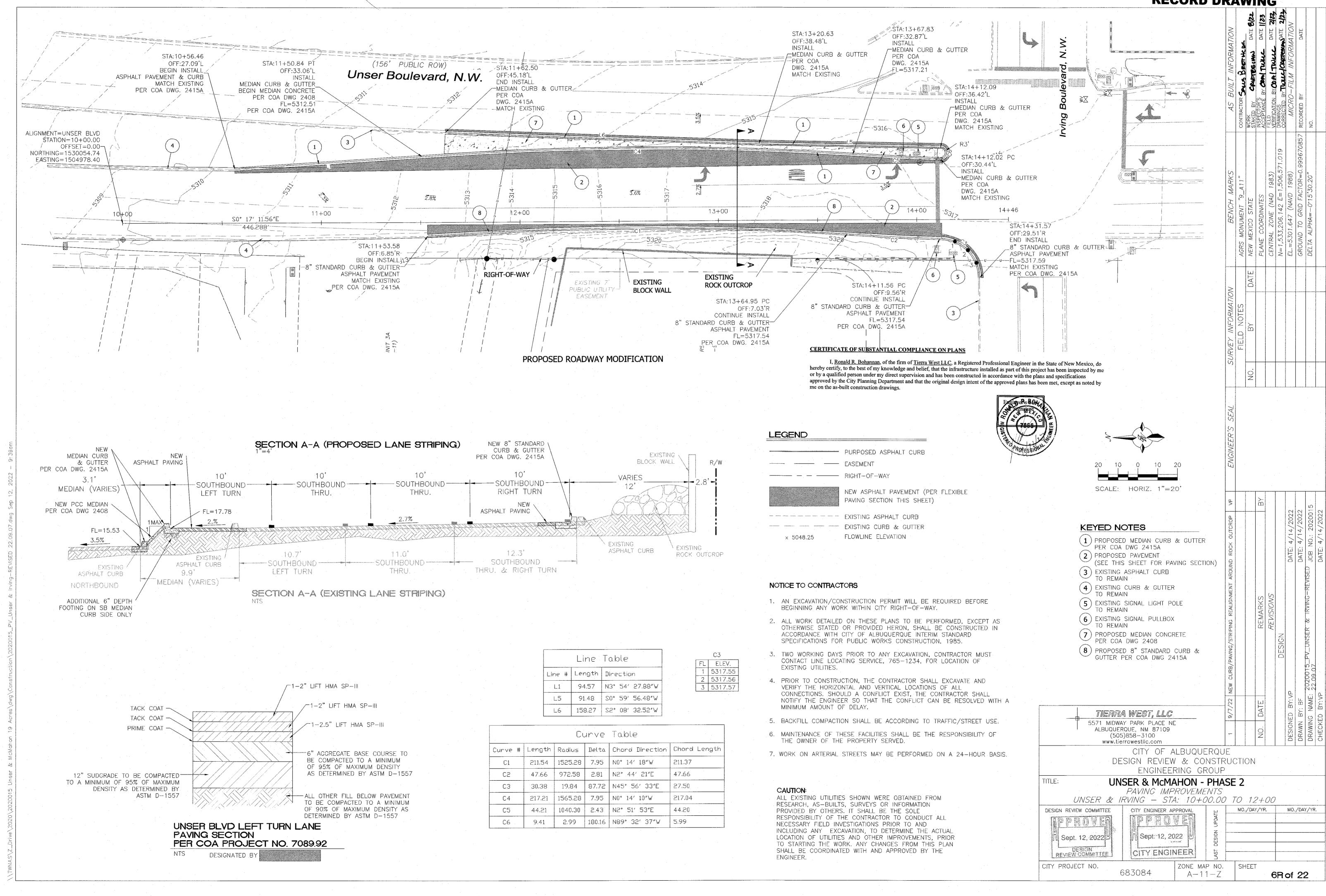
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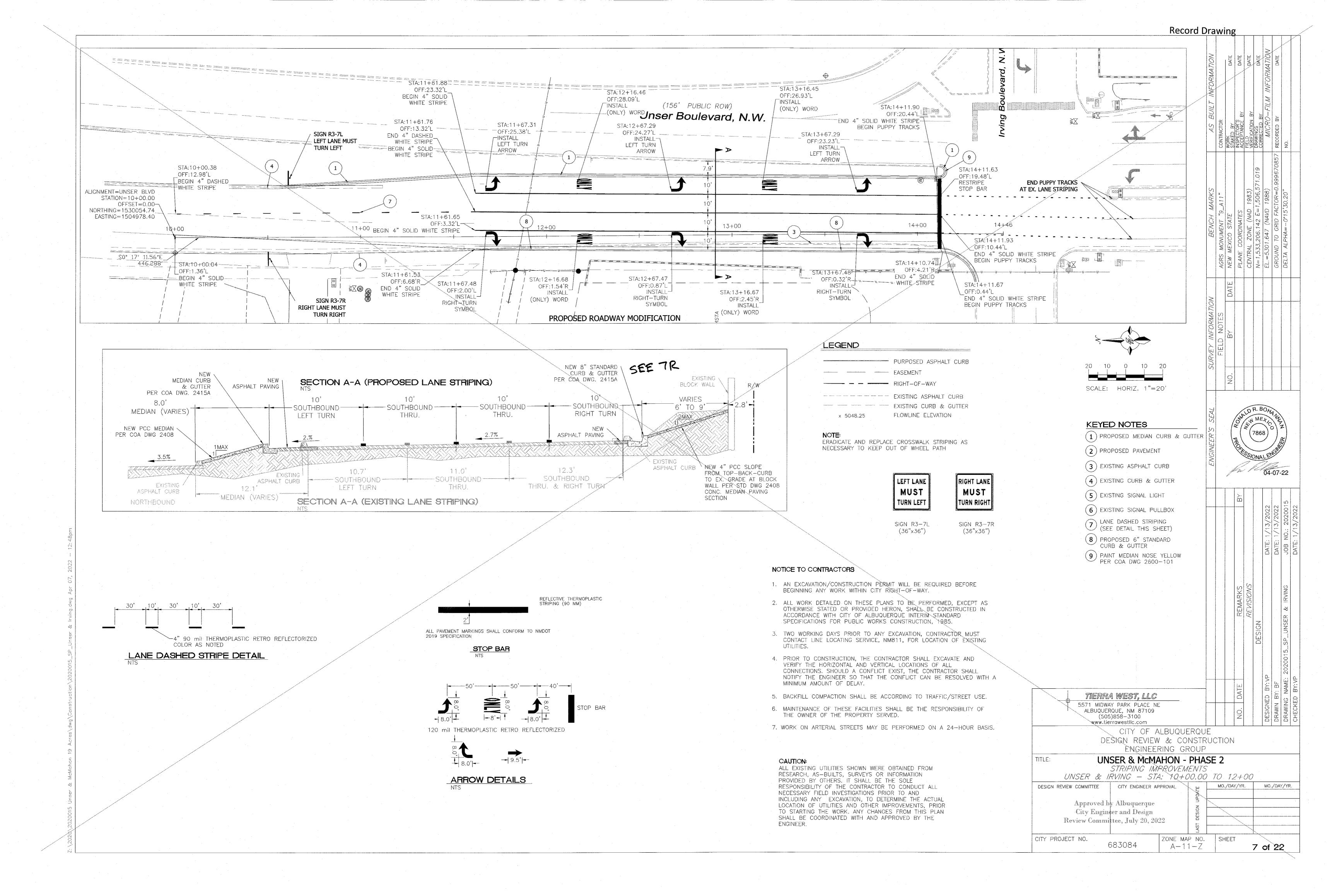


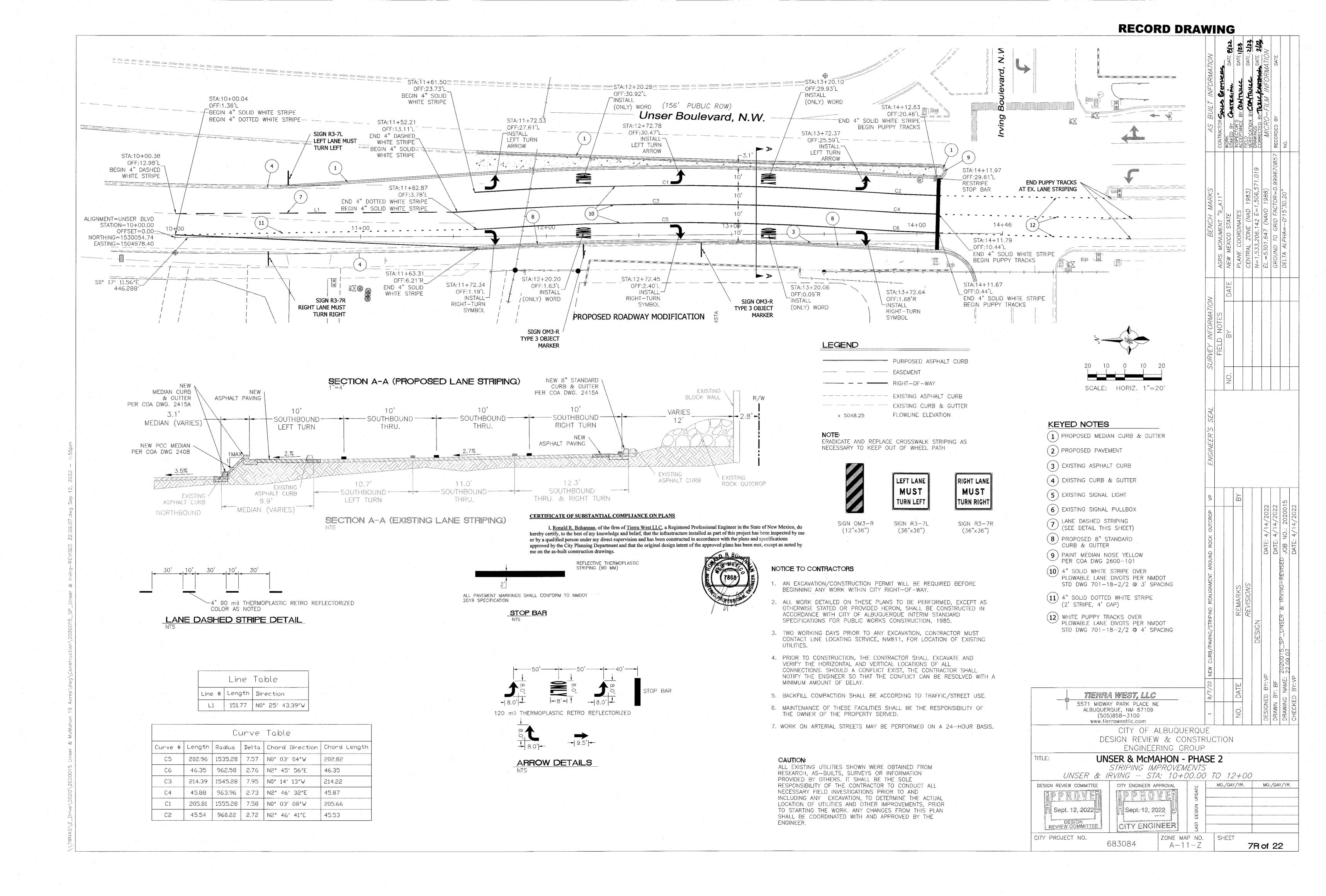


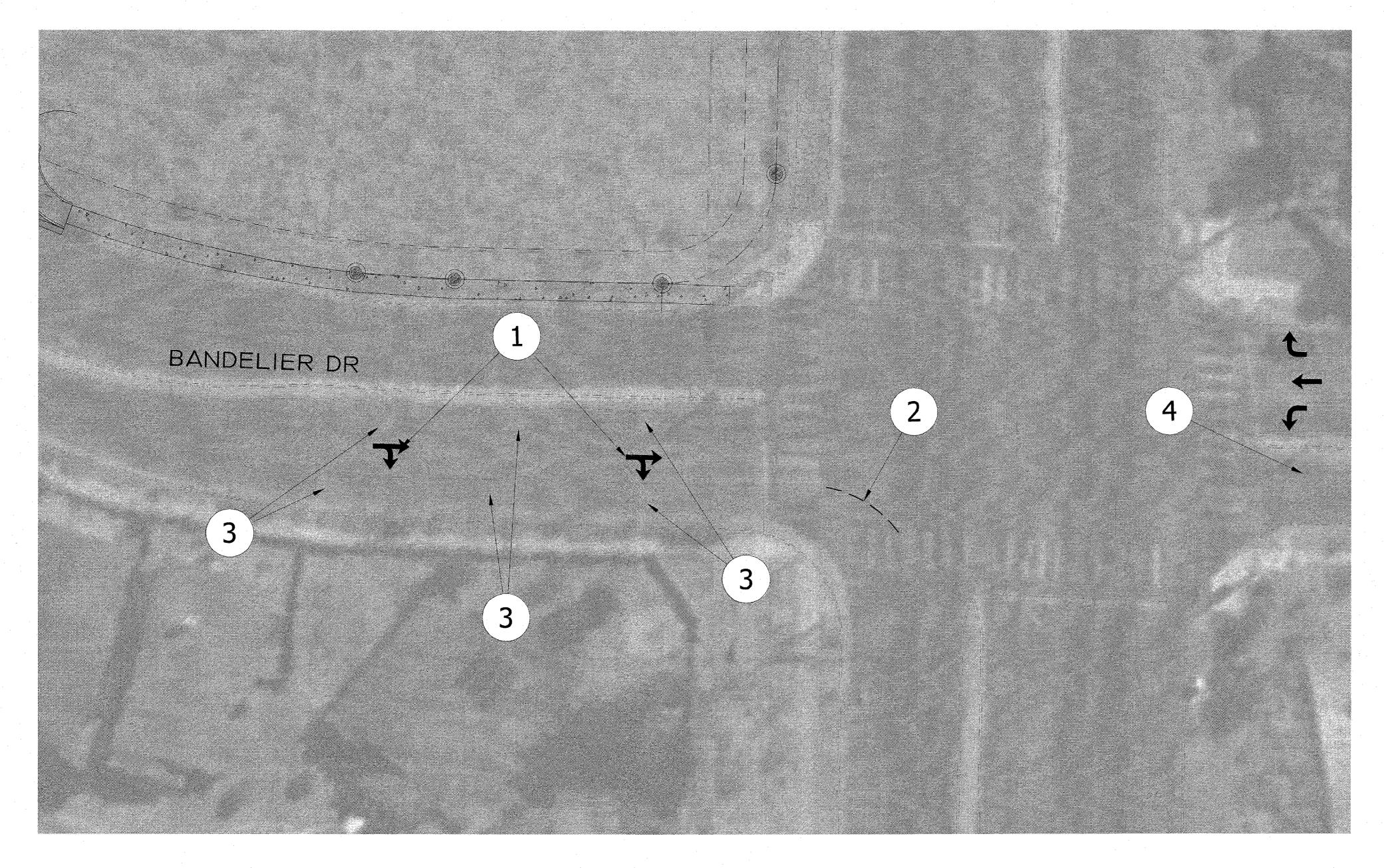


RECORD DRAWING





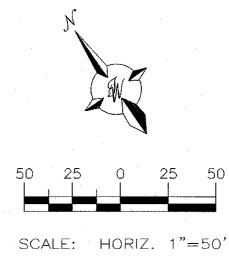




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KEYED NOTES

- (1) NEW THRU/RIGHT STRIPING
- 4" DASHED WHITE STRIPE "PUPPY TRACKS" 2' STRIPE X 4' GAP. DO NOT PLACE WITHIN CROSSWALK MARKINGS.
- (3) EXISTING STRIPING TO REMAIN
- 4 PLACE THRU/RIGHT ARROW SIGN ON MASTARM IN LINE WITH EB BANDELIER THRU/RIGHT LANE

STRIPING NOTE

ALL STRIPING MATERIAL TO BE THERMOPLASTIC

NOTICE TO CONTRACTORS

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- 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 MAY BE PERFORMED ON A 24-HOUR BASIS.

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ALBUQUERQUE, NM 87109
(505)858-3100
www.tierrawestllc.com

CITY OF ALBUQUERQUE

CITY OF ALBUQUERQUE

DESIGN REVIEW & CONSTRUCTION
ENGINEERING GROUP

	ENGINEER	TING GR	JUP		
TITLE: UN	ISER & McMA				
	STRIPING IMI	PROVEMI	ENTS		
BANDELIER &	: UNSER - S	STA: 10-	+00.	00 TO 127	-00
DESIGN REVIEW COMMITTEE	CITY ENGINEER AF	PROVAL	لبإ	MO./DAY/YR.	MO./DAY/YR.
City Engir	by Albuquerque seer and Design ittee, July 20, 20	SS S	LAST DESIGN UPDATE		
CITY PROJECT NO.	683084	ZONE MAF A—11		SHEET	8 of 22

CAUTION

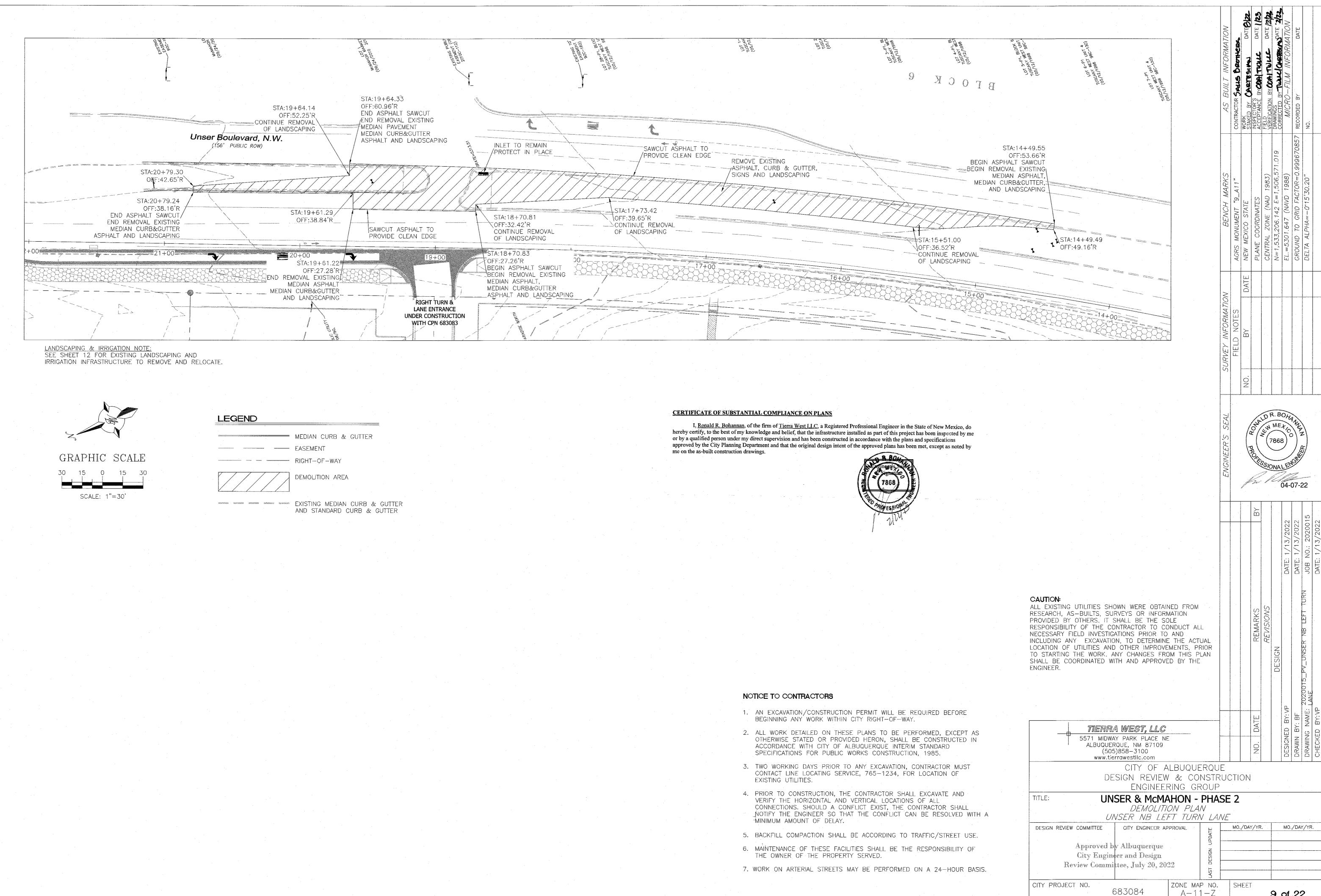
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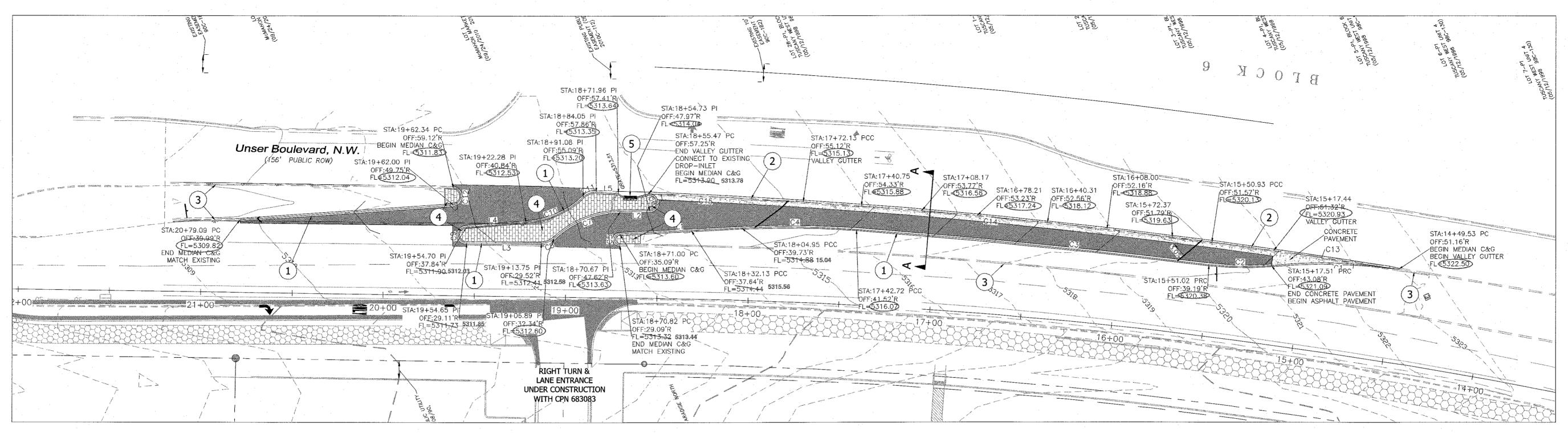
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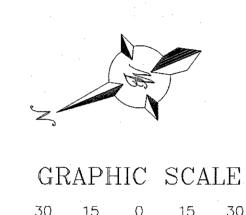
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A - 11 - Z

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		<u> </u>
	Line	Table
Line #	Length	Direction
L1	66.89	\$20° 12′ 31.09″W
,L2	15.97	N22° 32′ 56.60″E
L3	40.93	N23° 12′ 36.83″E
_ L4	21.44	S18° 28′ 19.57″W
· L5	12.09	S25° 54′ 12.74″W

SCALE: 1"=30'

				•	
		С	ırve	Table	
Curve #	Length	Radlus	Delta	Chord Direction	Chord Length
C1	69,81	250,00	16.00	S24° 40′ 37″W	69.58
C2	34,27	174.74	11,24	S23° 47′ 24″W	34.22
C3	194.44	4402.82	2,53	S28° 42′ 55″W	194.42
C4	63.19	500.00	7,24	S23° 49′ 46″W	63.15
C5	9.22	3.00	176.18	S67° 52′ 55″E	6.00
C6	14.62	4,65	180.00	N70° 47′ 19″W	9.31
С7	40,22	54,33	42.42	N0° 53′ 50″E	39.31
C8	7.60	10.00	43.52	N1° 26′ 58″E	7.41
C9	13.65	4,35	180.00	S71° 27′ 07″E	8.69
C10	35,07	48.31	41.59	S0° 46′ 24″E	34.30
C11	7.81	8,78	50.92	S2° 18′ 42″W	7.55
C12	13.38	4.75	161,46	N68° 16′ 38″W	9.37
C13	103.23	3536.62	1.67	N31° 14′ 07″E	103.23
C14	225.38	3544.79	3.64	N28° 38′ 05″E	225.35
C15	85.02	2636.37	1.85	N26° 04′ 42″E	85.02

SECTION A-A (PROPOSED LEFT TURN LANE) 12.0' IORTHBOUND: MEDIAN (VARIES) LEFT TURN NEW 4'-WIDE NEW MEDIAN VALLEY GUTTER CURB & GUTTER 2% EXISTING NORTHBOUND EXISTING MEDIAN CURB THRU. MEDIAN CURB THRU. EXISTING ---- SOUTHBOUND ----SECTION A-A (EXISTING ROADWAY) THRU

LEGEND

- MEDIAN CURB & GUTTER

NEW CONCRETE

NEW ASPHALT PAVEMENT (PER FLEXIBLE

PAVING SECTION THIS SHEET)

---- EASEMENT

RIGHT-OF-WAY

KEYED NOTES

- (1) 6" MEDIAN CURB & GUTTER, PER COA DWG. 2415B
- (2) 4' WIDE VALLEY GUTTER PER COA STD DWG. 2420
- (3) EXISTING MEDIAN CURB & GUTTER TO REMAIN
- (4) MEDIAN CONCRETE PER COA DWG. 2408 & 2502
- (5) EXISTING CURB INLET TO REMAIN, PROTECT IN PLACE

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EXISTING MEDIAN CURB & GUTTER AND STANDARD CURB & GUTTER √1-2" LIFT HMA SP-III -1-2" LIFT HMA SP-III TACK COAT -TACK COAT -√1-2.5" LIFT HMA SP-III PRIME COAT -6" AGGREGATE BASE COURSE TO BE COMPACTED TO A MINIMUM OF 95% OF MAXIMUM DENSITY AS DETERMINED BY ASTM D-1557 12" SUDGRADE TO BE COMPACTED TO A MINIMUM OF 95% OF MAXIMUM DENSITY AS DETERMINED BY ASTM D-1557 -ALL OTHER FILL BELOW PAVEMENT TO BE COMPACTED TO A MINIMUM OF 90% OF MAXIMUM DENSITY AS DETERMINED BY ASTM D-1557 UNSER BLVD LEFT TURN LANE

PAVING SECTION PER COA PROJECT NO. 7089.92 NTS DESIGNATED BY

CONSTRUCTIONS NOTES

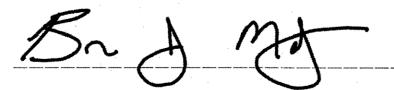
1. MEDIAN CURB & GUTTER PER COA STANDARD DRAWING 2415A 2. VALLEY GUTTER PER COA STANDARD DRAWING 2420

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CAUTION:

THE CHANGES SHOWN HEREON ARE BASED UPON A FIELD SURVEY CONDUCTED BY ME OR UNDER MY SUPERVISION AND REFLECT THE LOCATIONS (VERTICALLY AND HORIZONTALLY) TO THE BEST OF MY KNOWLEDGE AND BELIEF.



Certification

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CITY OF ALBUQUERQUE DESIGN REVIEW & CONSTRUCTION ENGINEERING GROUP

TITLE: UNSER & McMAHON - PHASE 2 PAVING IMPROVEMENTS

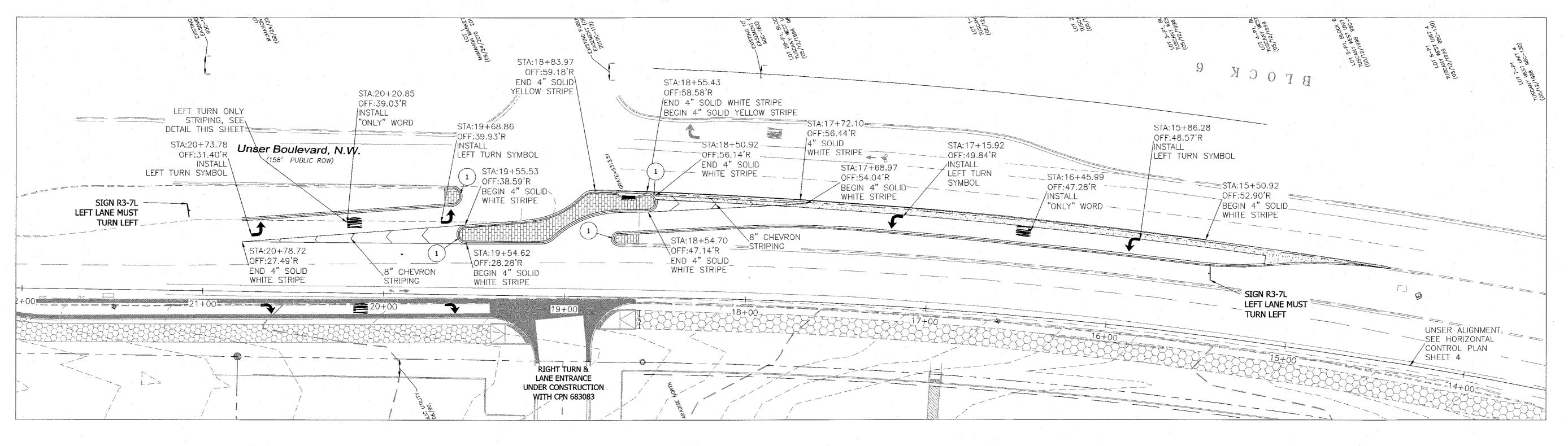
ALL EXISTING UTILITIES SHOWN WERE OBTAINED FROM

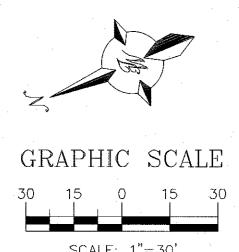
UNSER NB LEFT TURN LANE CITY ENGINEER APPROVAL MO./DAY/YR. MO./DAY/YR. DESIGN REVIEW COMMITTEE Approved by Albuquerque City Engineer and Design Review Committee, July 20, 2022 CITY PROJECT NO. ZONE MAP NO. SHEET 683084

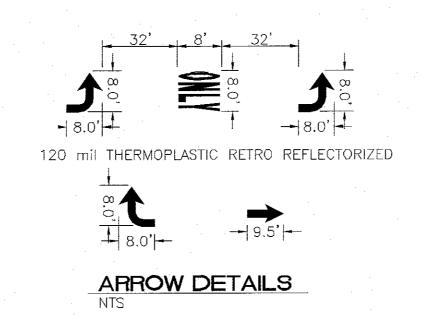
A - 11 - Z

10 of 22

04-07-22







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KEYED NOTES

1 PAINT MEDIAN NOSE YELLOW 10' PAST CURB PC

LEFT LANE MUST TURN LEFT

SIGN R3-7L (36"x36")

CAUTION:

---- EASEMENT

----- RIGHT-OF-WAY

EXISTIN LANE STRIPING

- STRIPING

-- MEDIAN CURB & GUTTER

EXISTING MEDIAN CURB & GUTTER

AND STANDARD CURB & GUTTER

LEGEND

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ALBUQUERQUE, NM 87109	to the state of th	
(505)858-3100		
www.tierrawestllc.com		

CITY OF ALBUQUERQUE DESIGN REVIEW & CONSTRUCTION ENGINEERING GROUP

UNSER & McMAHON - PHASE 2 STRIPING IMPROVEMENTS

UNSER NB LEFT CITY ENGINEER APPR DESIGN REVIEW COMMITTEE Approved by Albuquerque

683084

City Engineer and Design

Review Committee, July 20, 2022 CITY PROJECT NO.

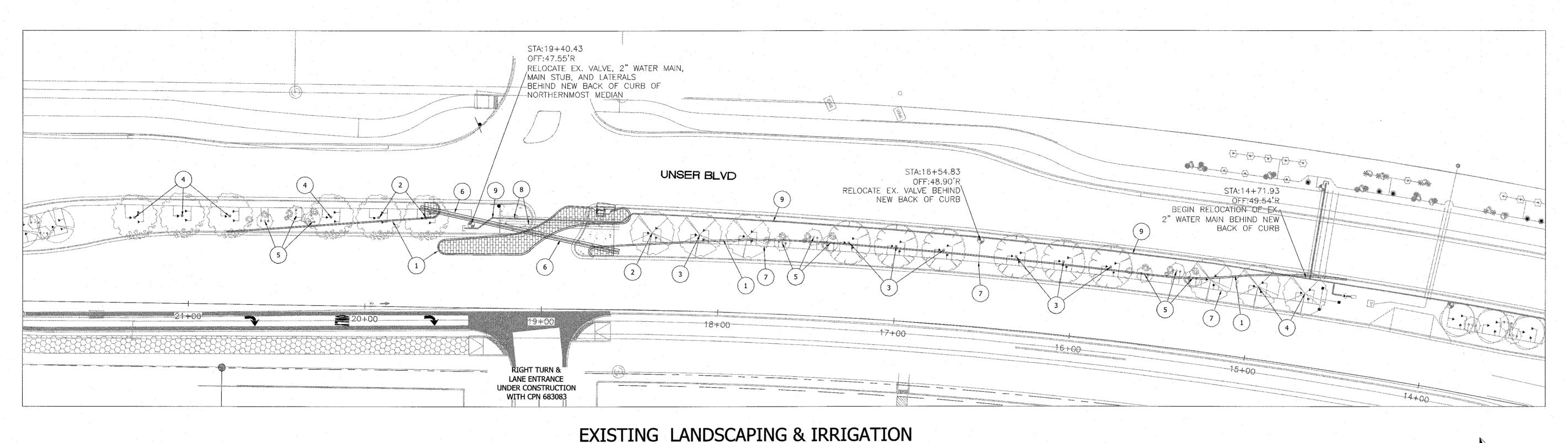
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04-07-22

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SCALE: 1"=30'



KEYED NOTES

- (1) NEW CURB FOR MEDIAN TURN LANE IMPROVEMENTS THIS PROJECT
- (2) REMOVE & DISPOSE EX. TREE AND ASSOCIATED BUBBLERS
- (3) REMOVE & REPLACE EX. TREE AND ASSOCIATED BUBBLERS TO BEHIND NEW BACK OF CURB
- (4) EX. PLANTING TO REMAIN, PROTECT IN PLACE
- (5) REMOVE & REPLACE EX. BUSHES, ASSOCIATED BUBBLERS AND RELOCATE EX. BOULDERS TO NEW BACK OF CURB
- (6) NEW 3" SLEEVE FOR WATER MAIN RELOCATION AND NEW 2" SLEEVE FOR ELECTRICAL RELOCATION ACROSS NEW MEDIAN OPENINGS, NEED TO BE CLEAR OF NEW MEDIAN CONCRETE
- (7) ADJUST EXISTING LATERAL TO BEHIND NEW BACK OF CURB AS NEEDED.
- (8) REMOVE EXISTING SLEEVING, WATER MAIN, AND WIRING FOR RELOCATION
- (9) REMOVE EXISTING 2" WATER MAIN TO RELOCATE BEHIND NEW BACK OF CURB.

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DEMOLITION & RELOCATION PLAN

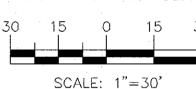
- 1. ALL WORK BEING DONE IS BY THE CITY CODE SPECIFICATIONS FOR PLANTING AND IRRIGATION/SLEEVE.
- 2. CONCRETE NOSE MEDIANS, ADD A BOX AND EXTEND THE BORE AT LEAST THREE FEET.

SPECIFICATIONS, AND MUST BE INSPECTED BY CLEAN CITY.

- 3. WHEN REPLANTING MATCH EXISTING TREES, SHRUBS AND GROUND COVER.
- 4. THE NEW IRRIGATION MAIN MUST BE PRESSURE TESTED PER CITY



GRAPHIC SCALE





					DATE: 1/13/	DATE: 1/13/	JOB NO.: 20	DATE: 1/13/
		REMARKS	REVISIONS	DESIGN			S_LD_UNSER NB_LEFT_TURN	

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	TIERRA WEST, LLC			DAT		ED E	BY:	<u>\$</u>
	T 5571 MIDWAY PARK PLACE NE ALBUQUERQUE, NM 87109 (505)858-3100 www.tierrawestlc.com			NO.		DESIGNE	DRAWN	DRAWIN
	CITY OF ALBUQUEROU	JF						

DESIGN REVIEW & CONSTRUCTION ENGINEERING GROUP

UNSER & McMAHON - PHASE 2 LANDSCAPING & IRRIGRATION DEMO & RELOCATIONS

NB UNSER LEFT TURN LANE MO./DAY/YR. MO./DAY/YR. DESIGN REVIEW COMMITTEE CITY ENGINEER APPROVAL Approved by Albuquerque City Engineer and Design Review Committee, July 20, 2022

CITY PROJECT NO. ZONE MAP NO. SHE 683084 -A - 11 - Z

ATION LEGEND)

- **IRRIG** WATER METER, 2". INSTALLED PER COA DWG. 2362 OR 2363. IRRIGATION MAIN LINE, 2", SCH 40 BELL END, SOLVENT WELD PVC.
- DEPTH OF BURY SHALL BE 28". LATERAL PIPING, SCH. 40, BELL END, SOLVENT WELD PVC.
- DEPTH OF BURY, 18". SIZE PER PLAN. MAIN LINE AND LATERAL SLEEVE PIPING, 2 SIZES LARGER THAN PIPE SIZE, CLASS 200, SDR-21, BELL-END, SOLVENT WELD PVC. SLEEVES ARE TO BE BORED, SAWCUT WILL NOT BE ALLOWED.
- 24-VOLT IRRIGATION WIRE SLEEVE PIPING, 2", CLASS 200, SDR-21, BELL-END, SOLVENT WELD PVC. SLEEVES ARE TO BE BORED, SAWCUTS WILL NOT BE ALLOWED.

DETAIL C/4. SIZE OF RP, MASTER VALVE, AND MASTER METER SHALL BE

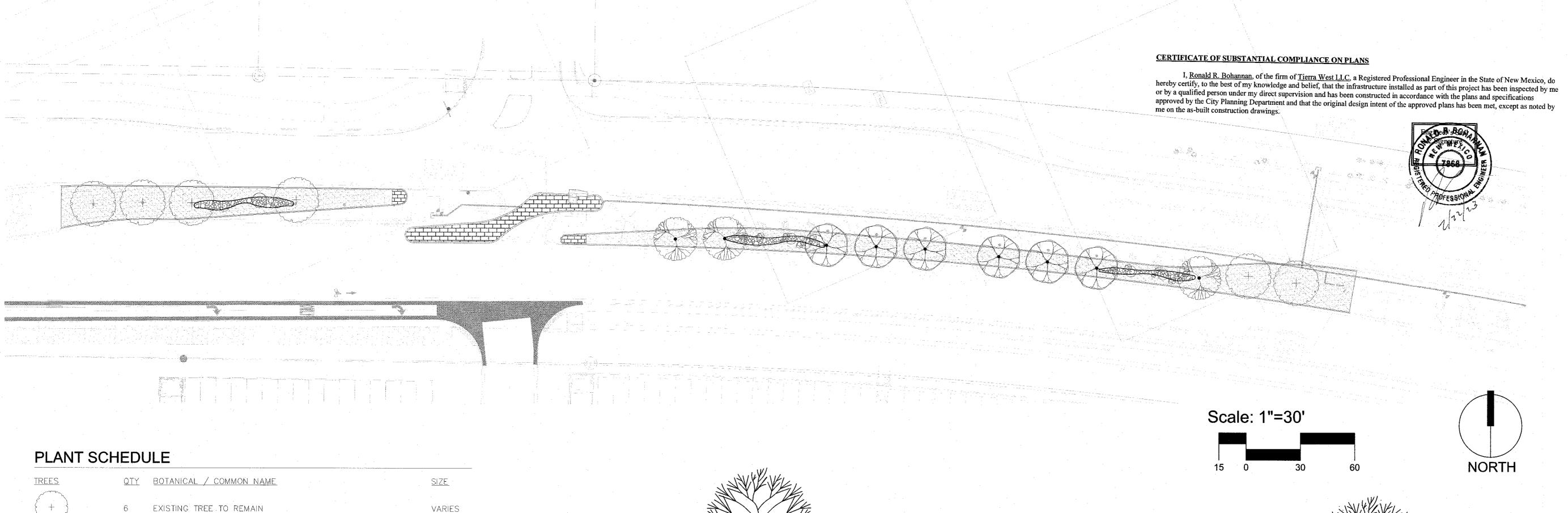
- ISOLATION VALVE ASSEMBLY, 2". INSTALL PER C.O.A. DRAWING NO. 2707. FEBCO 860-U 2" REDUCED PRESSURE PRINCIPAL BACKFLOW PREVENTER AND MASTER VALVE ASSEMBLY WITH BALL VALVES, INSTALLED IN HEATED AND INSULATED ENCLOSURE AND MASTER METER INSTALLED IN VALVE BOX PER
- SAME AS LINE SIZE, ENCLOSURE SHALL BE SIZED TO ACCOMMODATE SIZE OF RP AND MASTER VALVE ASSEMBLY. REMOTE CONTROL VALVE ASSEMBLY, RAINBIRD PEB PLASTIC BODY 24-VOLT AUTOMATIC VALVE, SIZE PER PLAN. INSTALL PER C.O.A. DRAWING NO. 2703.
- (*) 1" AIR RELEASE VALVE. INSTALL PER C.O.A. DRAWING NO. 2705.
- SOLVENT WELD CAP, SCH. 40 PVC, LINE SIZE.

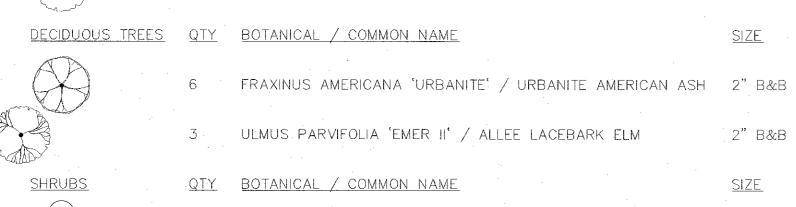
- PRESSURE COMPENSATING BUBBLER ASSEMBLIES, RAIN BIRD 1400 SERIES, AS FOLLOWS: INSTALL PER C.O.A. DRAWING NUMBERS 2710, 2711, 2711-A AND 2712
- A | B | IRRINET M AC 12 STATION CONTROLLER.

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- 6. MAINTENANCE OF THESE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY SERVED.
- 7. WORK ON ARTERIAL STREETS MAY BE PERFORMED ON A 24-HOUR BASIS.







<u>SIZE</u> +1 EXISTING SHRUB TO REMAIN VARIES

2" B&B

15 GAL

8 LAGERSTROEMIA INDICA / CRAPE MYRTLE

MATERIAL SCHEDULE

DESCRIPTION SYMBOL

EXISTING BOULDER TO BE SALVAGED AND RELOCATED

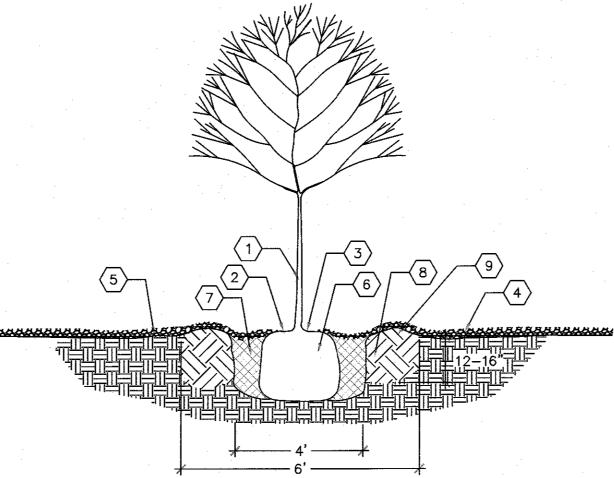
SYMBOL DESCRIPTION

MOUNTAINAIR BROWN 7/8" GRAVEL

2-4" GRAY, ROUND COBBLE

GENERAL NOTES

- 1. IN CASE OF DISCREPANCIES IN PLANT QUANTITIES SHOWN ON THE PLANT SCHEDULE AND THOSE SHOWN ON THE PLAN, THE QUANTITIES SHOWN ON THE PLAN SHALL PREVAIL. CONTRACTOR SHALL VERIFY ALL QUANTITIES PRIOR TO BID AND INSTALLATION.
- 2. DEMOLITION AND GRADING TO BE PERFORMED BY GRADING SUBCONTRACTOR.
- 3. ALL MAINTENANCE FOR LANDSCAPE AND IRRIGATION SYSTEMS SHALL BE PROVIDED BY OWNER. MAINTENANCE OF STREET TREES AND SHRUBS SHALL FIND THEM IN HEALTHY, LIVING, AND ATTRACTIVE CONDITION.
- 4. WATER MANAGEMENT IS THE SOLE RESPONSIBILITY OF THE PROPERTY OWNER. APPROPRIATE MEASURES HAVE BEEN TAKEN TO DESIGN AND INSTALL A WATER-CONSERVATIVE, ENVIRONMENTALLY SOUND LANDSCAPE.



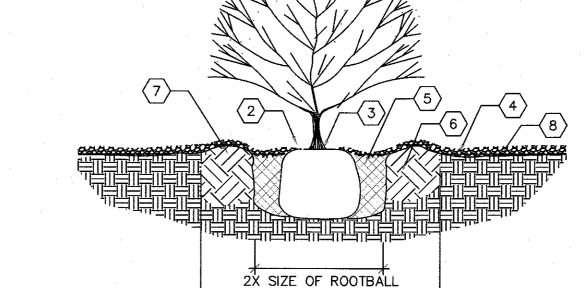
CONSTRUCTION NOTES: 1. TREE LOCATION AND SPECIES AS

- PER PLAN 2. MULCH SHALL BE HELD BACK 4"
- FROM TREE TRUNK 3. REMOVE EXISTING SOIL (FROM
- NURSERY) AS NEEDED TO EXPOSE ROOT FLARE. INSTALL WITH ROOT FLARE FLUSH WITH SUBGRADE (BOTTOM OF MULCH)
- 4. MULCH SEE PLANTING PLAN WEED BARRIER FABRIC - SEE PLANTING PLAN - TURN DOWN 6"

AT EDGES

- 6. INSTALL TREE PLUMB. REMOVE WIRE BASKET, WOOD BOX, PLASTIC, TWINE, AND/OR ROPE PRIOR TO BACKFILL, REMOVE BURLAP EXCEPT FROM BOTTOM OF ROOT BALL
- TREE PLANTING DETAIL

- 7. EXCAVATE PLANTING PIT AND BACKFILL PER SPECIFICATIONS. LIGHTLY TAMP IN LIFTS AND WATER-IN TO ELIMINATE VOIDS AND AIR POCKETS
- 8. SCARIFY EDGES AND LOOSEN SOIL AROUND EXCAVATED PLANTING PIT
- 9. 4" HIGH X 12" WIDE BERM, 6' MINIMUM DIAMETER OR AS SHOWN ON THE PLANS
- A. THE WIDTH OF THE TREE WELL MAY BE REDUCED AS NOTED ON THE PLANS OR ADJUSTED BY THE LANDSCAPE ARCHITECT TO MEET FIELD CONDITIONS
 - SHRUB BED UNLESS OTHERWISE
 - SHRUB PLANTING DETAIL



★ 3X SIZE OF ROOTBALL →

AIR POCKETS

5. EXCAVATE PLANTING PIT AND

7. 2" HIGH X 6" WIDE BERM

DOWN 6" AT EDGES

8. WEED BARRIER FABRIC - SEE

BACKFILL PER SPECIFICATIONS.

6. SCARIFY EDGES AND LOOSEN SOIL AROUND EXCAVATED PLANTING PIT

WATER-IN TO ELIMINATE VOIDS AND

IRRIGATION PLANTING PLAN - TURN

LIGHTLY TAMP IN LIFTS AND

NORTH

CONSTRUCTION NOTES:

- 1. SHRUB LOCATION AND SPECIES AS PER PLAN 2. MULCH SHALL BE FEATHERED TO A
- 2" DEPTH ON TOP OF ROOT BALL AND SHALL BE HELD BACK 2" FROM SHRUB STEM(S) 3. PLANT WITH TOP OF ROOT BALL FLUSH WITH SUBGRADE (BOTTOM
- OF MULCH) 4. 4" DEPTH MULCH THROUGHOUT

www.yellowstonelandscape.com PO Box 10597 Albuquerque, NM 87184 505.898.9615 design@yellowstonelandscape.com

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ITY PROJECT NO.	583084	ZONE MAP N A-11-2	i	HEET 13	3 of 2 2	2
		i				

Manufacturer / Model

4" min.

as noted

Rainbird 1400 Series

Rainbird 1400 Series

IRRIGATION NOTES

Sch. 40

PVC Masterline 20" depth bury

_ _ _ _ New PVC Sleeve

PVC Spray Lateral 16" depth bury

Class 200

Class 200

CONSTRUCTION KEYED NOTES: 1. NON-CONSTANT PRESSURE

2. SCH. 40 PVC MALE ADAPTER

IRRIGATION MAINLINE

SCH. 80 PVC NIPPLE 4. SCH. 80 PVC TRUE UNION BALL

5. AUTOMATIC VALVE - SEE IRRIGATION LEGEND

6. SCH. 80 PVC UNION 7. 17"X30" VALVE BOX WITH T-STYLE BOLT DOWN COVER AND EXTENSIONS AS REQUIRED - SEE

IRRIGATION LEGEND

9. 6" DEPTH OF 1" DIAMETER WASHED GRAVEL. MINIMUM 2" CLEARANCE FROM BOTTOM OF VALVE

10. AUTOMATIC VALVE CONTROL WIRE 11. WATERPROOF WIRE CONNECTOR 12.36" LENGTH WIRE EXPANSION

LOOPS 13. FINISH GRADE

14. IRRIGATION LATERAL PIPE 15. DRILLED HOLE THROUGH VALVE BOX EXTENSION SHALL BE 1/2" SIZE LARGER THAN PIPE

8. 4"x 8"x 16" SOLID CMU BLOCK, EIGHT PER VALVE BOX

AUTOMATIC IRRIGATION VALVE ASSEMBLY

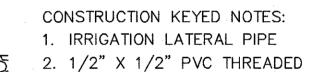


NORTH

EXPOSE AND CAP

MAIN LINE AT THIS

LOCATION. TIE INTO EXISTING IRRIGATION MAIN LINE AT THIS LOCATION.



COUPLING 3. 1/2" X 6" PVC FLEX RISER

4. 3/4" SCH. 40 PVC SLIP TO THREAD ELBOW

5. 1/2" X 12" SCH. 80 PVC THREADED NIPPLE

6. PRESSURE COMPENSATING BUBBLER, SET TOP OF BUBBLER 1" BELOW TOP OF MULCH OR AS SPECIFIED IN PLANS - SEE IRRIGATION LEGEND

7. TOP OF GRADE

8. TOP OF MULCH, SEE PLANTING NOTES FOR DEPTH OF MULCH

BUBBLER ASSEMBLY

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(505)858-3100			\mathbb{Z}	
www.tierrowestilo.com	}		: 1	

CITY OF ALBUQUERQUE DESIGN REVIEW & CONSTRUCTION ENGINEERING GROUP

TITLE: UN	NSER & McMAHON -	PHA:	SE 2
	IRRIGATION PLA	N	
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14 of **22**

SHEET

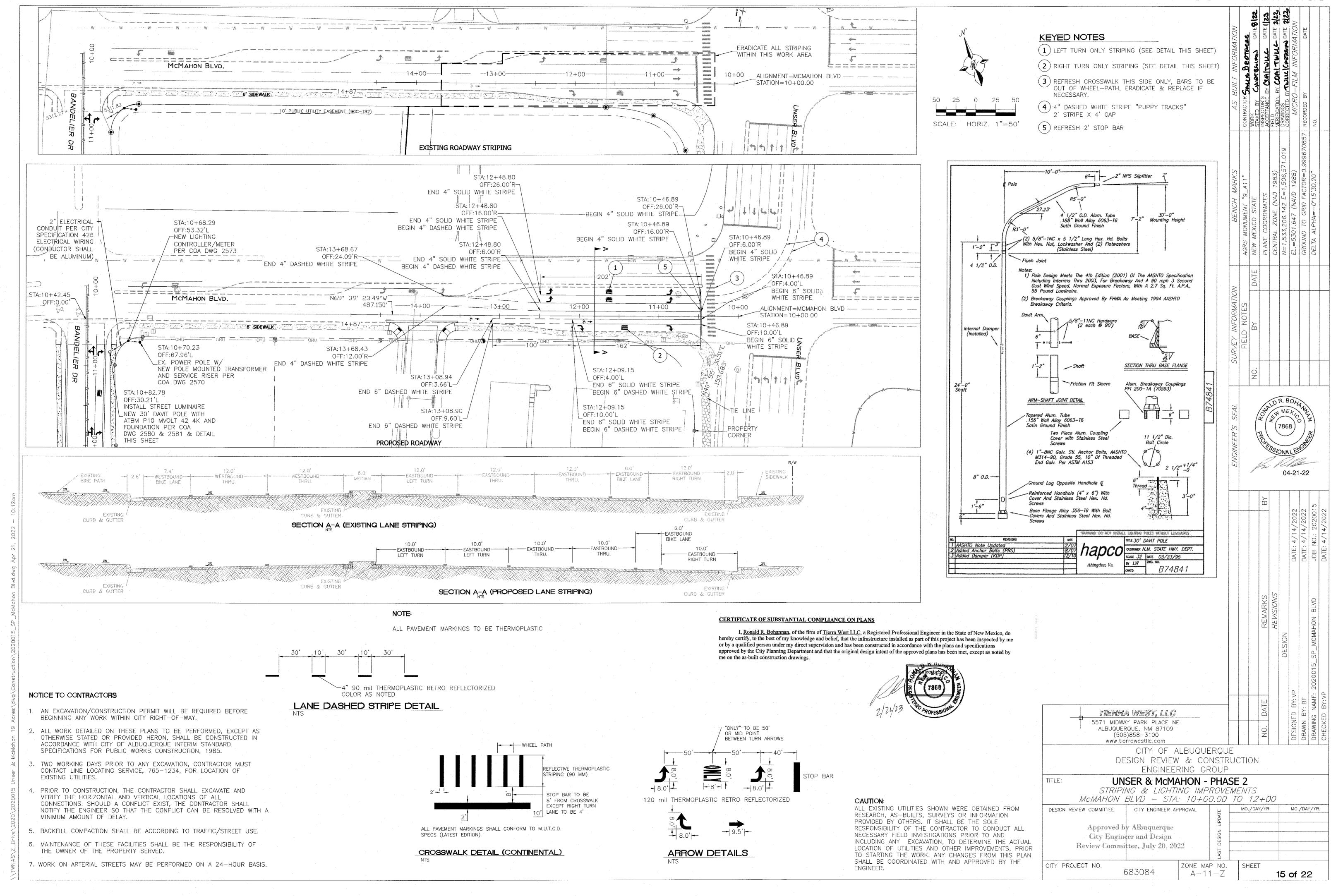
Approved by Albuquerque City Engineer and Design Review Committee, July 20, 2022

CITY PROJECT NO. ZONE MAP NO. A - 11 - 7

11. EXISTING WIRES TO BE EXTENDED TO NEW VALVE LOCATIONS 12. ANY ISSUES WITH EXISTING IRRIGATION SYSTEM FOUND WHILE INSTALLING NEW IRRIGATION SYSTEM TO BE BROUGHT TO LANDSCAPE ARCHITECT'S ATTENTION IMMEDIATELY.

1. THE CONTRACTOR SHALL FURNISH LABOR, MATERIALS AND EQUIPMENT TO INSTALL PROPOSED IRRIGATION SYSTEM PER PLAN AND DETAILS. 2. THE SYSTEM WAS DESIGNED TO 60 PSI AND 50 GPM. IN THE EVENT THE PSI OR GPM ARE LESS THE IRRIGATION DESIGNER WILL BE NOTIFIED IN ORDER TO MODIFY IRRIGATION PLANS TO MEET ACTUAL PSI AND GPM. 3. THE CONTRACTOR SHALL FIELD VERIFY UTILITY LOCATIONS AND MAKE THE NECESSARY FIELD ADJUSTMENTS WITH GENERAL CONTRACTOR. 4. THE LOCATION OF IRRIGATION EQUIPMENT IS APPROXIMATE AND SHALL BE LOCATED IN LANDSCAPE AREAS. THE CONTRACTOR SHALL PROVIDE TO OWNER AS BUILT DOCUMENTS AT JOB CLOSE OUT. 5. VALVES LOCATIONS TO BE APPROVED BY LANDSCAPE ARCHITECT, VALVE BOX LIDS TO BE TAN IN GRAVEL AREAS AND GREEN IN SEED AREAS. 6. VALVES TO BE INSTALLED AS MANIFOLD OFF MASTERLINE. VALVES SHOWN GRAPHICALLY FOR CLARITY. 7. ALL PLANTINGS TO RECEIVE DRIP IRRIGATION. 8. AVOID CONFLICT WITH PROPOSED IRRIGATION SYSTEM AND UTILITIES. 9. INSTALL STUB-OUTS AT END OF MASTERLINE RUNS. 10. CONTROLLER AND BACKFLOW TO BE LEFT IN THEIR SAME LOCATION AND CONDITION THEY ARE PRESENTLY IN

YELLOWSTONE www.yellowstonelandscape.com



SIGNAL NOTES

- 1. LOCATIONS OF CONDUITS, FOUNDATIONS, CONTROL CABINETS, POLES, PULL BOXES, MANHOLES, AND SPLICE CABINETS SHOWN ON THE PLANS ARE SCHEMATIC AND SHALL BE ADJUSTED IN THE FIELD TO MAXIMIZE CLEAR SPACE AVAILABLE FOR PEDESTRIANS AND WHEELCHAIRS TO COMPLY WITH THE AMERICANS WITH DISABILITIES ACT. THE CONTRACTOR SHALL MEET WITH THE PROJECT MANAGER IN THE FIELD AT ALL LOCATIONS TO SPOT EQUIPMENT BEFORE BEGINNING THE WORK. ALL SUCH EQUIPMENT SHALL BE INSTALLED WITHIN THE RIGHT—OF—WAY.
- 2. THE CONTRACTOR IS WARNED THAT EXISTING CONDUITS MAY CONTAIN AC POWER AND CAUTION SHALL BE EXERCISED IN INTERCEPTING OR INSTALLING CABLE IN EXISTING CONDUIT.
- THE CONTRACTOR SHALL BORE, DRILL, OR PUSH WHEN CROSSING EXISTING PAVEMENTS AND DRIVEWAYS. BEFORE CONDUIT CAN BE BORED, DRILLED, OR PUSHED THE CONTRACTOR SHALL LOCATE ALL EXISTING UTILITIES. THE CONTRACTOR SHALL LOCATE AND EXPOSE GAS LINES WHICH CROSS ANY PROPOSED BORES. THESE EXCAVATIONS SHALL REMAIN OPEN UNTIL AFTER THE BORE IS COMPLETE. CONTRACTOR SHALL REMOVE AND REPLACE IN KIND ANY SIDEWALK OR PAVEMENT REQUIRED TO EXPOSE SUCH LINES. THE CONTRACTOR MAY CUT, TRENCH, AND REPLACE EXISTING PAVEMENT ONLY WHEN APPROVED BY THE PROJECT MANAGER.
- 4. MASTARMS SHALL BE PLACED 90° TO THE CENTERLINE UNLESS OTHERWISE NOTED.
- 5. SHOWN DISTANCES TO TRAFFIC SIGNAL POLES TO BE MEASURED FROM FACE OF CURB, UNLESS OTHERWISE NOTED.
- 6. ALL WIRE ON THIS PROJECT SHALL BE COPPER
- 7. SPLICING OF COMMUNICATIONS CABLE (CONNECTIONS) WILL BE PERMITTED ONLY AT SPLICE CABINET OR CONTROL CABINETS WITH SPLICE BLOCKS. SPLICING OF VIDEO DETECTION COAXIAL CABLE WILL NOT BE PERMITTED BETWEEN THE MASTARM BASE AND THE CONTROLLER CABINET. SPLICING OF OPTICAL DETECTOR CABLE WILL NOT BE PERMITTED FROM THE OPTICAL DETECTOR TO THE CONTROLLER CABINET.
- 8. SIGNAL HEADS SHALL BE COVERED WHEN NECESSARY WITH PACIFIC ENTERPRISES SIGNAL COVERS OR APPROVED EQUAL.
- 9. THE CONTRACTOR IS HEREBY ADVISED THAT THE INTERSECTION SIGNALS SHALL NOT BE TURNED BACK ON UNTIL THE SIGNAL IS COMPLETELY INSTALLED. INCLUDING FULLY ACTUATED OPERATION (ALL LOOPS AND PUSHBUTTON WIRING SHALL BE OPERATIONAL).
- 10. ACCEPTABLE TYPE II AND TYPE III STANDARDS ARE VALMONT, UNION METAL, JEM, OR APPROVED EQUAL.
- 11. ALL LOOP LEAD—IN CABLES SHALL BE TAGGED AT THE CONTROL CABINET TO IDENTIFY EACH CABLE BY PHASE AND LOOP NUMBER. ALL VIDEO DETECTION COAXIAL AND POWER CABLES SHALL BE TAGGED AT THE CONTROL CABINET TO IDENTIFY EACH CABLE BY CAMERA NUMBER AND LOCATION. ALL OPTICAL DETECTOR CABLES SHALL BE TAGGED AT THE CONTROL CABINET TO IDENTIFY EACH BY DIRECTION AND LOCATION.
- 12. THE CONTRACTOR SHALL NOTIFY THE CITY OF ALBUQUERQUE SIGNAL SHOP TWO WORKING DAYS IN ADVANCE OF ANY ANTICIPATED WORK ON SIGNALS, LIGHTING, AND POWER SERVICES. TRAFFIC ENGINEERING PERSONNEL MUST BE PRESENT WHEN SIGNALS ARE SHUT-OFF OR TURNED ON. THE CONTRACTOR SHALL ALSO NOTIFY THE CITY OF ALBUQUERQUE SIGNAL SHOP EACH TIME A TRAFFIC SIGNAL CONTROL DOOR IS OPENED.
- 13. THE CONTRACTOR SHALL REMOVE AND SALVAGE TO COA YARD ALL CONFLICTING SIGNING WHEN TRAFFIC SIGNALS ARE PUT INTO OPERATION.
- 14. FOR CONDUITS CONTAINING ONLY LOW VOLTAGE COMMUNICATIONS CABLES. THE REQUIREMENTS FOR SINGLE CONDUCTOR BARE COPPER #8

 AWG MAY BE WAIVED WHERE PERMITTED BY THE NATIONAL ELECTRICAL CODE.
- 15. EXISTING CONDUITS TO BE REMOVED OR ABANDONED SHALL HAVE ALL WIRING REMOVED.
- 16. EXISTING CONDUITS SHALL BE REPAIRED, ADJUSTED, OR REPLACED AS DIRECTED BY THE PROJECT MANAGER WHERE ELECTRICAL PULL BOXES OR TRAFFIC MANHOLES ARE INSTALLED OR REPLACED.
- 17. THE CONTRACTOR SHALL ARRANGE TO HAVE OFF-DUTY POLICE OFFICERS TO DIRECT TRAFFIC WHEN SIGNALS ARE TURNED OFF.
- 18. ALL DATA SHOWN HEREIN CONCERNING EXISTING UTILITIES HAS BEEN OBTAINED FROM DRAWINGS FOR COA PROJECT NO 5658.01 AND FROM FIELD OBSERVATIONS WHICH MAY OR MAY NOT BE ACCURATE. THE CONTRACTOR WILL BE RESPONSIBLE FOR EXPLORATORY TRENCHING, IF NECESSARY, TO MORE SPECIFICALLY LOCATE UTILITY LINES. COST OF LOCATING UTILITY LINES INCLUDING EXPLORATORY TRENCHING WILL BE CONSIDERED INCIDENTAL TO CONSTRUCTION.
- 19. THE CONTRACTOR SHALL VIDEO TAPE THE EXISTING TRAFFIC SIGNAL EQUIPMENT IN DVD FORMAT AND REVIEW THE DVD WITH THE CITY OF ALBUQUERQUE SIGNAL SHOP PERSONNEL PRIOR TO BEGINNING ANY REMOVALS OF SIGNAL EQUIPMENT. THE DVD SHALL BECOME THE PROPERTY OF THE CITY OF ALBUQUERQUE SIGNAL LABS AND MAY BE USED TO RESOLVE ANY QUESTIONS RELATED TO THE ORIGINAL CONDITION AND QUALITY OF EXISTING EQUIPMENT.
- THE CONTRACTOR SHALL AS-BUILT SIGNAL INFRASTRUCTURE INCLUDING CONDUITS/CABLE RUNS AND ABOVEGROUND SIGNAL EQUIPMENT WITHIN ENTIRE INTERSECTION AND PROVIDE GIS-READY FILES AT CLOSE OUT TO THE CITY OF ALBUQUERQUE.
- 21. THE CONTRACTOR SHALL PROVIDE GEOGRAPHIC INFORMATION SYSTEM (GIS) DOCUMENTATION OF ALL EQUIPMENT AND INFRASTRUCTURE INSTALLED. GIS MAPPING SHALL BE PERFORMED BY A QUALIFIED AGENT OR FIRM AND BE PROVIDED TO CITY OF ALBUQUERQUE TRAFFIC ENGINEERING DIVISION (CABQ TED) FOR REVIEW AND ACCEPTANCE. CABQ TED WILL PROVIDE GIS SCHEMA TO BE USED BY THE CONTRACTOR OR CONTRACTOR'S AGENT/FIRM. CONTRACTOR SHALL COLLECT GPS COORDINATES, PHOTOS, AND ATTRIBUTES FOR CONSTRUCTED OR MODIFIED FIELD INFRASTRUCTURE ITEMS AS DIRECTED BY CABQ TED AND AS SHOWN IN THE CABQ TED PROVIDED GIS SCHEMA. AN ESRI FILE GEODATABASE SHALL BE USED TO STORE AND DELIVER COLLECTED DATA. DATA COLLECTION SHALL BE PERFORMED USING GPS EQUIPMENT ACCURATE TO 2.5 METERS, AND ALL COLLECTED FEATURES SHALL BE ACCURATE TO 2.5 METERS. DATA SHALL BE IN THE PROJECTION NAD83 HARN STATEPLANE NEW MEXICO CENTRAL FEET. DATA COLLECTION USING AERIAL IMAGERY AND/OR AS—BUILD DRAWINGS SHALL NOT BE ALLOWED UNLESS EXPLICITLY STATED BY CABQ TED PRIOR TO DATA COLLECTION. CONTACT DMDGIS@CABQ.GOV FOR THE SCHEMA AND ANY GIS RELATED QUESTIONS.

INCIDENTAL ITEMS *

- 1. REMOVAL OF EXISTING PULL BOXES, CONDUITS, OR OTHER SIGNAL EQUIPMENT FOR INSTALLATION OF NEW SIGNAL EQUIPMENT.
- 2. CABLE TESTING AND DIAGRAMS.
- 3. BORING, DRILLING, PUSHING, AND TRENCHING, INCLUDING REMOVAL AND REPLACEMENT OF PAVEMENT, SIDEWALKS, DRIVEPADS, VALLEY GUTTERS, WHEELCHAIR RAMPS, CURB & GUTTER, AND LANDSCAPING (INCLUDING SPRINKLERS), FOR INSTALLATION OF PULL BOXES, CONDUITS, AND SIGNAL FOUNDATIONS, EXCEPT AS NOTED ON THE PLANS.
- 4. LOCATION OF UTILITY LINES INCLUDING EXPLORATORY TRENCHING AND EXPOSING OF GAS LINES WHEN BORING.
- 5. DESIGN, MATERIALS, INSTALLATION AND REMOVAL OF SAFETY BARRIER FOR SHIELDING EQUIPMENT OR MATERIAL.
- 6. APPRISING PUBLIC THROUGH THE LOCAL NEWS MEDIA.
- 7. HAULING OF NON SALVAGEBLE MATERIAL TO BE DISPOSED TO CITY LANDFILL.
- 8. REMOVAL, SALVAGE, AND TRANSPORTATION OF EXISTING SIGNAL EQUIPMENT TO THE CITY TRAFFIC ENGINEERING OPERATIONS YARD.
- 9. LEAN FILL FOR CONDUIT TRENCHES.
- 10. PULL BOX ADJUSTMENT TO GRADE.
- 11. OFF-DUTY POLICE OFFICER FOR TRAFFIC CONTROL
- 12. REMOVAL AND REPLACEMENT IN KIND OR BETTER OF LANDSCAPING INCLUDING SPRINKLERS, FOR INSTALLATION OF PULL BOXES, CONDUITS AND SIGNAL FOUNDATIONS.
- 13. COST FOR PUBLIC SERVICE COMPANY TO PROVIDE ELECTRICAL SERVICE.
- * ITEMS LISTED ARE ONLY A GENERAL DESCRIPTION OF THE REQUIRED WORK AND MATERIALS, AND MAY NOT BE COMPLETE. THIS LIST DOES NOT INCLUDE ANY INCIDENTAL WORK OR MATERIALS REQUIRED BY THE SPECIAL PROVISIONS SERIALS (STANDARD DETAILS), SUPPLEMENTAL SPECIFICATIONS, OR THE STANDARD SPECIFICATIONS.

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, <u>Ronald R. Bohannan</u>, of the firm of <u>Tierra West LLC</u>, 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.



TRAFFIC SIGNAL LEGEND

NEW	EXISTING	ITEM
		PULL BOX
		SERVICE POLE
M	M	METER PEDESTAL
C		CONTROLLER CABINET
		CONDUIT RUN (SIGNALS)
	**************************************	CONDUIT RUN (INTERCONNECT)
		LOOP DETECTOR
←●	4-0	TRAFFIC SIGNAL PEDESTAL POLE
1	1E	CONDUIT RUN NUMBER (SIGNAL)
<u>s</u> 1	<u>\$1</u>	CONDUIT RUN NUMBER (POWER SERVICE)
<u>C1</u>	<u>C1</u>	CONDUIT RUN NUMBER (INTERCONNECT)
F1	F1	CONDUIT RUN NUMBER (WARNING BEACON)
		TYPE II STANDARD WITH MASTAR TRAFFIC SIGNAL, BACK PLATE, AND OPTICAL DETECTOR
X		TRAFFIC SIGNAL, BACK PLATE, OPTICAL DETECTOR, LUMINAIRE, AND VIDEO CAMERA
* *		TRAFFIC SIGNAL, BACK PLATE, OPTICAL DETECTOR, LUMINAIRE,
**		PEDESTRIAN PUSH BUTTON (MOUNTED TO SIDE OF POLE WHERE INDICATED)
		PEDESTRIAN SIGNALS (MOUNTED TO SIDE OF POLE WHERE INDICATED)
SC	[50]	SPLICE CABINET
•		TRAFFIC MANHOLE
-	<u>.</u>	VIDEO CAMERA

DEFINITIONS

1. "ENGINEER" — FOR THE PURPOSES OF THIS PROJECT, THE TERM "ENGINEER" IS SYNONYMOUS WITH THE TERM "PROJECT MANAGER".

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ZONE MAP NO.

A - 11 - Z

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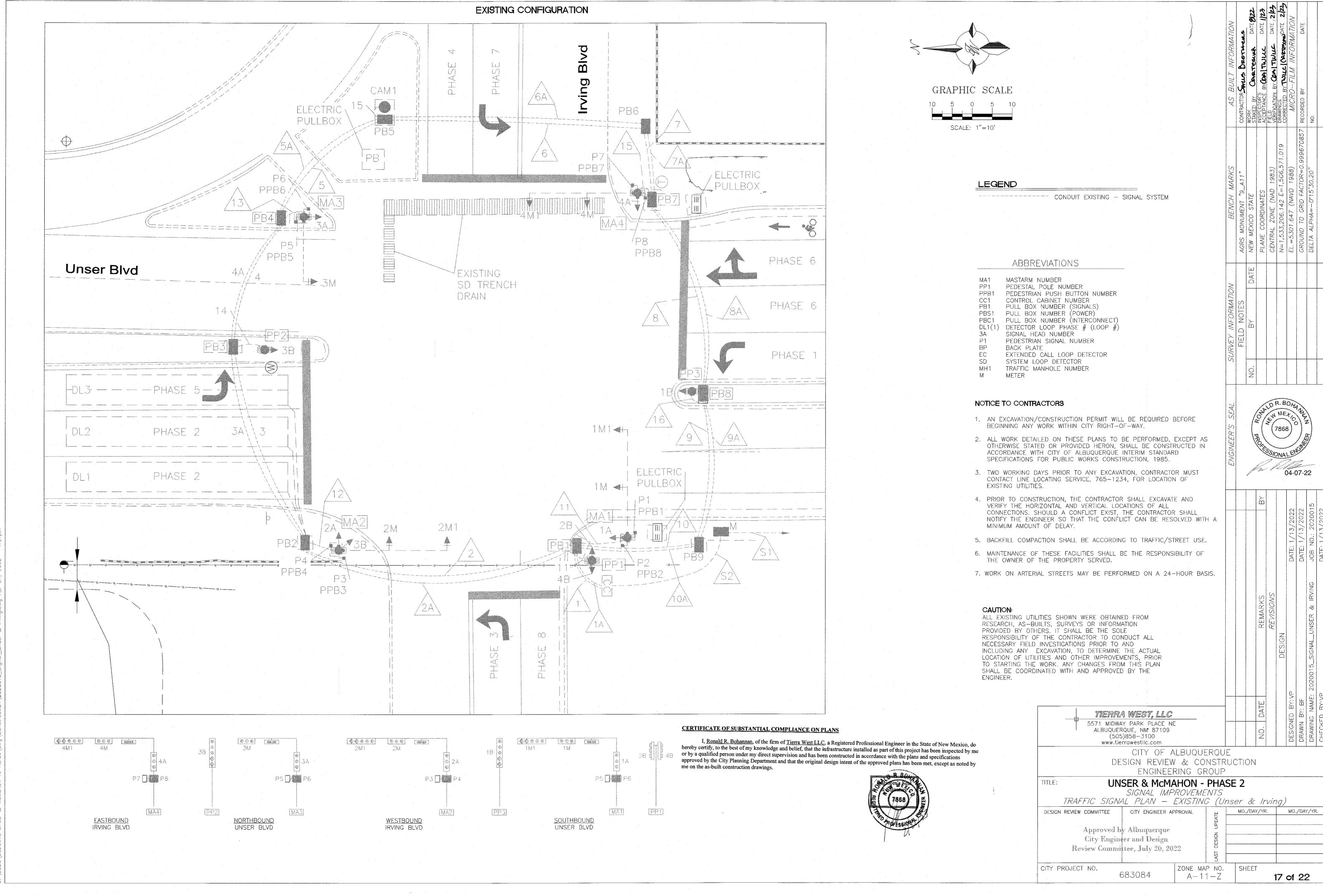
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CITY PROJECT NO. 683084

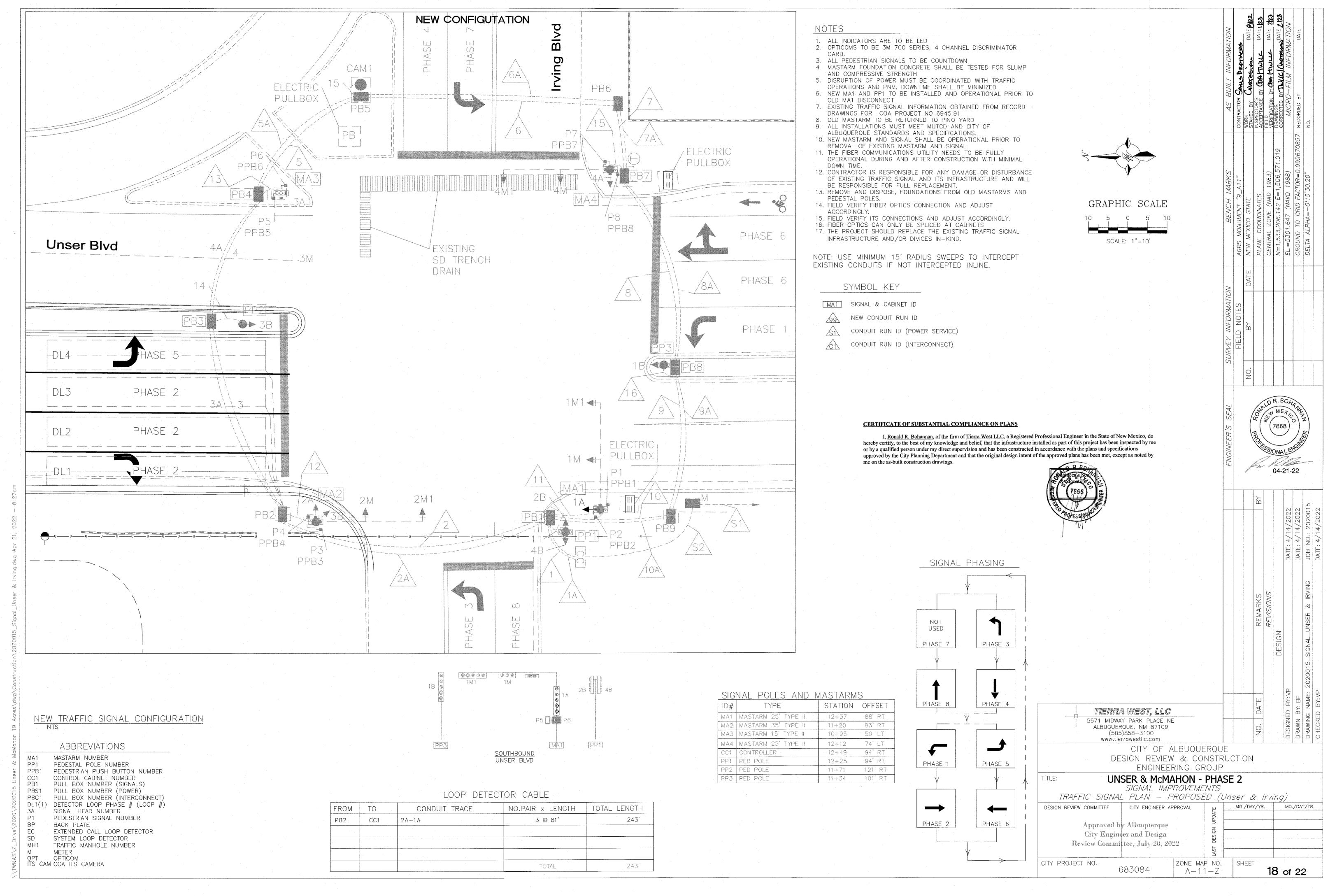
Approved by Albuquerque City Engineer and Design Review Committee, July 20, 2022

SHEET **16 of 22**

04-21-22



DAVA & TEACH STOOGOS (NOO)



				CONDU	JIT AND	CONDUC	CTOR RE	EQUIREM	ENTS						
CON	DUIT	LENG	TH, S	SIZE, AND TYPE		CONDUIT FILL BY CONTRACTOR LENGTH AND TYPE									
RUN ID		LENGTH 3" 4"	- TYPE	REMARKS	MCC 5 (# @ FT)	MCC 7 (# @ FT)	MCC 20 (# @ FT)	SHIELDED TWISTED PAIR	SCC #4 (# @ FT)	SCC #6 (# @ FT)	VIDEO (# @ FT)	OPTICOM (# @ FT)	DLLI CABLE (# @ FT)		
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4		12	REC	CC1 TO PB1											
1A		12	REC	CC1 TO PB1											
2 2A		69 69	REC	PB1 TO PB2								:			
3		85	REC.	PB1 TO PB2 PB2 TO PB4	1 @ 100'		2 @ 100'			2			1		
3A		85	REC	PB2 TO PB4			-								
13		5	REC	PB4 TO MA3											
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			DE	TECTOR	R LO	OPS)				
		VEHICLE	DETECTOR		LOOP	LOOP DIMENSIONS				LOOP	PAVEMEN [*]
LOOP ID	MODE	CALL	UNIT NO	CHANNEL	TYPE	L	W	S	T	WIRE	SAWCUT
DL1	PRESENCE		FIVE	CH 1	SP	30'	6'	13'	5'	465	115
DL2	PRESENCE		FIVE	CH 1	SP	30'	6'	13'	5'	465	115
DL3	PRESENCE		FIVE	CH 1	SP	30'	6'	24'	5'	479	126
DL4	PRESENCE		TEN	CH 1	QP	40'	6'	35'	5'	479	167
TOTAL										1126	523

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 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.



ABBREVIATIONS

- DETECTOR LOOP - EXTENDED CALL LOOP - DETECTOR LOOP LENGTH - DETECTOR LOOP WIDTH

- SAW CUT LOOP TO CURB - TERMINAL LENGTH QP - QUADRAPOLE LOOP SDWBA - SYSTEM DETECTOR WEST BOUND APPROACH

SDWBD - SYSTEM DETECTOR WEST BOUND DEPARTURE SDEBA - SYSTEM DETECTOR EAST BOUND APPROACH SDEBD - SYSTEM DETECTOR EAST BOUND DEPARTURE SDNBA - SYSTEM DETECTOR NORTH BOUND APPROACH SDNBD - SYSTEM DETECTOR NORTH BOUND DEPARTURE SDSBA - SYSTEM DETECTOR SOUTH BOUND APPROACH SDSBD - SYSTEM DETECTOR SOUTH BOUND DEPARTURE

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ABBREVIATIONS

CC 6 COMMUNICATION CABLE-6 PAIR CC 12 COMMUNICATION CABLE-12 PAIR DLLIC DETECTOR LOOP LEAD IN CABLE MASTARM MULTI CONDUCTOR CABLE PΒ PULL BOX PEDESTAL POLE PEDESTRIAN PUSH BUTTON RIGID ELECTRIC CONDUIT SINGLE CONDUCTOR CABLE CAM VIDEO CAMERA

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683084

CITY OF ALBUQUERQUE DESIGN REVIEW & CONSTRUCTION ENGINEERING GROUP

UNSER & McMAHON - PHASE 2 Cables and Conduits, Signal Notes

MO./DAY/YR. CITY ENGINEER APPROVAL MO./DAY/YR. DESIGN REVIEW COMMITTEE Approved by Albuquerque City Engineer and Design Review Committee, July 20, 2022 ZONE MAP NO. SHEET CITY PROJECT NO.

A - 11 - Z

SIGNAL NUTES

- 1. LOCATIONS OF CONDUITS, FOUNDATIONS, CONTROL CABINETS, POLES, PULL BOXES, MANHOLES, AND SPLICE CABINETS SHOWN ON THE PLANS ARE SCHEMATIC AND SHALL BE ADJUSTED IN THE FIELD TO MAXIMIZE CLEAR SPACE AVAILABLE FOR PEDESTRIANS AND WHEELCHAIRS TO COMPLY WITH THE AMERICANS WITH DISABILITIES ACT. THE CONTRACTOR SHALL MEET WITH THE PROJECT MANAGER IN THE FIELD AT ALL LOCATIONS TO SPOT EQUIPMENT BEFORE BEGINNING THE WORK. ALL SUCH EQUIPMENT SHALL BE INSTALLED WITHIN THE RIGHT-OF-WAY.
- 2. THE CONTRACTOR IS WARNED THAT EXISTING CONDUITS MAY CONTAIN AC POWER AND CAUTION SHALL BE EXERCISED IN INTERCEPTING OR INSTALLING CABLE IN EXISTING CONDUIT.
- THE CONTRACTOR SHALL BORE, DRILL, OR PUSH WHEN CROSSING EXISTING PAVEMENTS AND DRIVEWAYS. BEFORE CONDUIT CAN BE BORED, DRILLED, OR PUSHED THE CONTRACTOR SHALL LOCATE ALL EXISTING UTILITIES. THE CONTRACTOR SHALL LOCATE AND EXPOSE GAS LINES WHICH CROSS ANY PROPOSED BORES. THESE EXCAVATIONS SHALL REMAIN OPEN UNTIL AFTER THE BORE IS COMPLETE, CONTRACTOR SHALL REMOVE AND REPLACE IN KIND ANY SIDEWALK OR PAVEMENT REQUIRED TO EXPOSE SUCH LINES. THE CONTRACTOR MAY CUT, TRENCH, AND REPLACE EXISTING PAVEMENT ONLY WHEN APPROVED BY THE PROJECT MANAGER.
- 4. MASTARMS SHALL BE PLACED 90° TO THE CENTERLINE UNLESS OTHERWISE NOTED.
- NOT USED
- 5. SHOWN DISTANCES TO TRAFFIC SIGNAL POLES TO BE MEASURED FROM FACE OF CURB, UNLESS OTHERWISE NOTED.
- 7. ALL WIRE ON THIS PROJECT SHALL BE COPPER
- 8. NOT USED
- SPLICING OF COMMUNICATIONS CABLE (CONNECTIONS) WILL BE PERMITTED ONLY AT SPLICE CABINET OR CONTROL CABINETS WITH SPLICE BLOCKS. SPLICING OF VIDEO DETECTION COAXIAL CABLE WILL NOT BE PERMITTED BETWEEN THE MASTARM BASE AND THE CONTROLLER CABINET. SPLICING OF OPTICAL DETECTOR CABLE WILL NOT BE PERMITTED FROM THE OPTICAL DETECTOR TO THE CONTROLLER CABINET.
- 10. SIGNAL HEADS SHALL BE COVERED WHEN NECESSARY WITH PACIFIC ENTERPRISES SIGNAL COVERS OR APPROVED EQUAL.
- 12. THE CONTRACTOR IS HEREBY ADVISED THAT THE INTERSECTION SIGNALS SHALL NOT BE TURNED ON UNTIL THE SIGNAL IS COMPLETELY INSTALLED. INCLUDING FULLY ACTUATED OPERATION (ALL LOOPS AND PUSHBUTTON WIRING SHALL BE OPERATIONAL).
- 13. FLASHING OPERATION IS NOT CONSIDERED THE BEGINNING OF THE FIELD TESTING PERIOD.
- 14. ACCEPTABLE TYPE II AND TYPE III STANDARDS ARE VALMONT, UNION METAL, JEM, OR APPROVED EQUAL.

- 15. ALL LOOP LEAD-IN CABLES SHALL BE TAGGED AT THE CONTROL CABINET TO IDENTIFY EACH CABLE BY PHASE AND LOOP NUMBER. ALL VIDEO DETECTION COAXIAL AND POWER CABLES SHALL BE TAGGED AT THE CONTROL CABINET TO IDENTIFY EACH CABLE BY CAMERA NUMBER AND LOCATION. ALL OPTICAL DETECTOR CABLES SHALL BE TAGGED AT THE CONTROL CABINET TO IDENTIFY EACH BY DIRECTION AND
- 16. THE CONTRACTOR SHALL NOTIFY THE CITY OF ALBUQUERQUE SIGNAL SHOP TWO WORKING DAYS IN ADVANCE OF ANY ANTICIPATED WORK ON SIGNALS, LIGHTING, AND POWER SERVICES. TRAFFIC ENGINEERING PERSONNEL MUST BE PRESENT WHEN SIGNALS ARE SHUT-OFF OR TURNED ON. THE CONTRACTOR SHALL ALSO NOTIFY THE CITY OF ALBUQUERQUE SIGNAL SHOP EACH TIME A TRAFFIC SIGNAL CONTROL DOOR IS
- 17. THE CONTRACTOR SHALL NOTIFY THE LOCAL POWER COMPANY 30 DAYS IN ADVANCE OF ANTICIPATED POWER SERVICE CONNECTIONS. THE CONTRACTOR SHALL COORDINATE WITH THE LOCAL POWER COMPANY TO ESTABLISH ELECTRICAL SERVICE IN THE MAINTAINING AGENCY'S NAME. THE CONTRACTOR SHALL PAY THE LOCAL POWER COMPANY ALL COSTS TO PROVIDE ELECTRICAL SERVICE. THIS WORK WILL BE CONSIDERED INCIDENTAL TO CONSTRUCTION.
- 18. THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF THE POWER AND MAINTENANCE UNTIL SUCH TIME AS THE SIGNAL IS ACCEPTED FOR MAINTENANCE BY THE CITY OF ALBUQUERQUE.
- 19. THE CONTRACTOR SHALL REMOVE AND SALVAGE TO COA YARD ALL CONFLICTING SIGNING WHEN TRAFFIC SIGNALS ARE PUT INTO OPERATION.
- 20. FOR CONDUITS CONTAINING ONLY LOW VOLTAGE COMMUNICATIONS CABLES. THE REQUIREMENTS FOR SINGLE CONDUCTOR BARE COPPER #8 AWG MAY BE WAIVED WHERE PERMITTED BY THE NATIONAL ELECTRICAL CODE.
- 21. EXISTING CONDUITS TO BE REMOVED OR ABANDONED SHALL HAVE ALL WIRING REMOVED.
- 22. EXISTING CONDUITS SHALL BE REPAIRED, ADJUSTED, OR REPLACED AS DIRECTED BY THE PROJECT MANAGER WHERE ELECTRICAL PULL BOXES OR TRAFFIC MANHOLES ARE INSTALLED OR REPLACED.
- 23 THE CONTRACTOR SHALL ARRANGE TO HAVE OFF-DUTY POLICE OFFICERS TO DIRECT TRAFFIC WHEN SIGNALS ARE TURNED OFF.
- 24. ALL DATA SHOWN HEREIN CONCERNING EXISTING UTILITIES HAS BEEN OBTAINED FROM "AS-BUILT" DRAWINGS AND FROM FIELD OBSERVATIONS WHICH MAY OR MAY NOT BE ACCURATE. THE CONTRACTOR WILL BE RESPONSIBLE FOR EXPLORATORY TRENCHING, IF NECESSARY, TO MORE SPECIFICALLY LOCATE UTILITY LINES. COST OF LOCATING UTILITY LINES INCLUDING EXPLORATORY TRENCHING WILL BE CONSIDERED INCIDENTAL TO CONSTRUCTION.
- 25. NOT USED
- 26. THE CONTRACTOR SHALL VIDEO TAPE THE EXISTING TRAFFIC SIGNAL EQUIPMENT IN VHS FORMAT AND REVIEW THE TAPE WITH THE CITY OF ALBUQUERQUE SIGNAL SHOP PERSONNEL PRIOR TO BEGINNING ANY REMOVALS OF SIGNAL EQUIPMENT. THE TAPE SHALL BECOME THE PROPERTY OF THE CITY OF ALBUQUERQUE SIGNAL LABS AND MAY BE USED TO RESOLVE ANY QUESTIONS RELATED TO THE ORIGINAL CONDITION AND QUALITY OF EXISTING EQUIPMENT. THE EXISTING TRAFFIC SIGNAL EQUIPMENT INCLUDING POLES, CONTROLLER, CABINETS, SIGNAL HEADS, PEDESTRIAN HEADS, PEDESTRIAN PUSH BUTTONS, FITTINGS, BACK PLATES, LOAD SWITCHES, CONFLICT MONITORS, AND DETECTORS SHALL BE DELIVERED TO THE CITY OF ALBUQUERQUE SIGNAL YARD

SIGNAL NOTES

- LOCATIONS OF CONDUITS, FOUNDATIONS, CONTROL CABINETS, POLES, PULL BOXES, MANHOLES, AND SPLICE CABINETS SHOWN ON THE PLANS ARE SCHEMATIC AND SHALL BE ADJUSTED IN THE FIELD TO MAXIMIZE CLEAR SPACE AVAILABLE FOR PEDESTRIANS AND WHEELCHAIRS TO COMPLY WITH THE AMERICANS WITH DISABILITIES ACT. THE CONTRACTOR SHALL MEET WITH THE PROJECT MANAGER IN THE FIELD AT ALL LOCATIONS TO SPOT EQUIPMENT BEFORE BEGINNING THE WORK. ALL SUCH EQUIPMENT SHALL BE INSTALLED WITHIN THE RIGHT-OF-WAY.
- 2. THE CONTRACTOR IS WARNED THAT EXISTING CONDUITS MAY CONTAIN AC POWER AND CAUTION SHALL BE EXERCISED IN INTERCEPTING OR INSTALLING CABLE IN EXISTING CONDUIT.
- THE CONTRACTOR SHALL BORE, DRILL, OR PUSH WHEN CROSSING EXISTING PAVEMENTS AND DRIVEWAYS. BEFORE CONDUIT CAN BE BORED, DRILLED, OR PUSHED THE CONTRACTOR SHALL LOCATE ALL EXISTING UTILITIES. THE CONTRACTOR SHALL LOCATE AND EXPOSE GAS LINES WHICH CROSS ANY PROPOSED BORES. THESE EXCAVATIONS SHALL REMAIN OPEN UNTIL AFTER THE BORE IS COMPLETE. CONTRACTOR SHALL REMOVE AND REPLACE IN KIND ANY SIDEWALK OR PAVEMENT REQUIRED TO EXPOSE SUCH LINES. THE CONTRACTOR MAY CUT, TRENCH, AND REPLACE EXISTING PAVEMENT ONLY WHEN APPROVED BY THE PROJECT MANAGER.
- MASTARMS SHALL BE PLACED 90° TO THE CENTERLINE UNLESS OTHERWISE NOTED
- 5. SHOWN DISTANCES TO TRAFFIC SIGNAL POLES TO BE MEASURED FROM FACE OF CURB, UNLESS OTHERWISE NOTED.
- 6. ALL WRE ON THIS PROJECT SHALL BE COPPER
- 7. SPLICING OF COMMUNICATIONS CABLE (CONNECTIONS) WILL BE PERMITTED ONLY AT SPLICE CABINET OR CONTROL CABINETS WITH SPLICE BLOCKS. SPLICING OF VIDEO DETECTION COAXIAL CABLE WILL NOT BE PERMITTED BETWEEN THE MASTARM BASE AND THE CONTROLLER CABINET. SPLICING OF OPTICAL DETECTOR CABLE WILL NOT BE PERMITTED FROM THE OPTICAL DETECTOR TO THE CONTROLLER CABINET.
- 8. SIGNAL HEADS SHALL BE COVERED WHEN NECESSARY WITH PACIFIC ENTERPRISES SIGNAL COVERS OR APPROVED EQUAL.
- 9. THE CONTRACTOR IS HEREBY ADVISED THAT THE INTERSECTION SIGNALS SHALL NOT BE TURNED BACK ON UNTIL THE SIGNAL IS COMPLETELY INSTALLED. INCLUDING FULLY ACTUATED OPERATION (ALL LOOPS AND PUSHBUTTON WIRING SHALL BE OPERATIONAL).
- 10. ACCEPTABLE TYPE II AND TYPE III STANDARDS ARE VALMONT, UNION METAL, JEM, OR APPROVED EQUAL.
- 11. ALL LOOP LEAD-IN CABLES SHALL BE TAGGED AT THE CONTROL CABINET TO IDENTIFY EACH CABLE BY PHASE AND LOOP NUMBER. ALL VIDEO DETECTION COAXIAL AND POWER CABLES SHALL BE TAGGED AT THE CONTROL CABINET TO IDENTIFY EACH CABLE BY CAMERA NUMBER AND LOCATION. ALL OPTICAL DETECTOR CABLES SHALL BE TAGGED AT THE CONTROL CABINET TO IDENTIFY EACH BY DIRECTION AND LOCATION.
- 12. THE CONTRACTOR SHALL NOTIFY THE CITY OF ALBUQUERQUE SIGNAL SHOP TWO WORKING DAYS IN ADVANCE OF ANY ANTICIPATED WORK ON SIGNALS, LIGHTING, AND POWER SERVICES. TRAFFIC ENGINEERING PERSONNEL MUST BE PRESENT WHEN SIGNALS ARE SHUT-OFF OR TURNED ON. THE CONTRACTOR SHALL ALSO NOTIFY THE CITY OF ALBUQUERQUE SIGNAL SHOP EACH TIME A TRAFFIC SIGNAL CONTROL DOOR IS
- 13. THE CONTRACTOR SHALL REMOVE AND SALVAGE TO COA YARD ALL CONFLICTING SIGNING WHEN TRAFFIC SIGNALS ARE PUT INTO OPERATION.
- 14. FOR CONDUITS CONTAINING ONLY LOW VOLTAGE COMMUNICATIONS CABLES. THE REQUIREMENTS FOR SINGLE CONDUCTOR BARE COPPER #8 AWG MAY BE WAIVED WHERE PERMITTED BY THE NATIONAL ELECTRICAL CODE.
- 15. EXISTING CONDUITS TO BE REMOVED OR ABANDONED SHALL HAVE ALL WIRING REMOVED.
- 16. EXISTING CONDUITS SHALL BE REPAIRED, ADJUSTED, OR REPLACED AS DIRECTED BY THE PROJECT MANAGER WHERE ELECTRICAL PULL BOXES OR TRAFFIC MANHOLES ARE INSTALLED OR REPLACED.
- 17. THE CONTRACTOR SHALL ARRANGE TO HAVE OFF-DUTY POLICE OFFICERS TO DIRECT TRAFFIC WHEN SIGNALS ARE TURNED OFF.
- 18. ALL DATA SHOWN HEREIN CONCERNING EXISTING UTILITIES HAS BEEN OBTAINED FROM DRAWINGS FOR COA PROJECT NO 5658,01 AND FROM FIELD OBSERVATIONS WHICH MAY OR MAY NOT BE ACCURATE. THE CONTRACTOR WILL BE RESPONSIBLE FOR EXPLORATORY TRENCHING, IF NECESSARY, TO MORE SPECIFICALLY LOCATE UTILITY LINES. COST OF LOCATING UTILITY LINES INCLUDING EXPLORATORY TRENCHING WILL BE CONSIDERED INCIDENTAL TO CONSTRUCTION.
- 19. THE CONTRACTOR SHALL VIDEO TAPE THE EXISTING TRAFFIC SIGNAL EQUIPMENT IN DVD FORMAT AND REVIEW THE DVD WITH THE CITY OF ALBUQUERQUE SIGNAL SHOP PERSONNEL PRIOR TO BEGINNING ANY REMOVALS OF SIGNAL EQUIPMENT. THE DVD SHALL BECOME THE PROPERTY OF THE CITY OF ALBUQUERQUE SIGNAL LABS AND MAY BE USED TO RESOLVE ANY QUESTIONS RELATED TO THE ORIGINAL CONDITION AND QUALITY OF EXISTING EQUIPMENT.
- 20 THE CONTRACTOR SHALL AS-BUILT SIGNAL INFRASTRUCTURE INCLUDING CONDUITS/CABLE RUNS AND ABOVEGROUND SIGNAL EQUIPMENT WITHIN ENTIRE INTERSECTION AND PROVIDE GIS—READY FILES AT CLOSE OUT TO THE CITY OF ALBUQUERQUE.
- 21. THE CONTRACTOR SHALL PROVIDE GEOGRAPHIC INFORMATION SYSTEM (GIS) DOCUMENTATION OF ALL EQUIPMENT AND INFRASTRUCTURE INSTALLED. GIS MAPPING SHALL BE PERFORMED BY A QUALIFIED AGENT OR FIRM AND BE PROVIDED TO CITY OF ALBUQUERQUE TRAFFIC ENGINEERING DIVISION (CABQ TED) FOR REVIEW AND ACCEPTANCE. CABQ TED WILL PROVIDE GIS SCHEMA TO BE USED BY THE CONTRACTOR OR CONTRACTOR'S AGENT/FIRM. CONTRACTOR SHALL COLLECT GPS COORDINATES, PHOTOS, AND ATTRIBUTES FOR CONSTRUCTED OR MODIFIED FIELD INFRASTRUCTURE ITEMS AS DIRECTED BY CABO TED AND AS SHOWN IN THE CABQ TED PROVIDED GIS SCHEMA. AN ESRI FILE GEODATABASE SHALL BE USED TO STORE AND DELIVER COLLECTED DATA. DATA COLLECTION SHALL BE PERFORMED USING GPS EQUIPMENT ACCURATE TO 2.5 METERS, AND ALL COLLECTED FEATURES SHALL BE ACCURATE TO 2.5 METERS. DATA SHALL BE IN THE PROJECTION NAD83 HARN STATEPLANE NEW MEXICO CENTRAL FEET. DATA COLLECTION USING AERIAL IMAGERY AND/OR AS-BUILD DRAWINGS SHALL NOT BE ALLOWED UNLESS EXPLICITLY STATED BY CABQ TED PRIOR TO DATA COLLECTION. CONTACT DMDGIS@CABQ.GOV FOR THE SCHEMA AND ANY GIS RELATED QUESTIONS.

INCIDENTAL ITEMS *

- 1. REMOVAL OF EXISTING PULL BOXES, CONDUITS, OR OTHER SIGNAL EQUIPMENT FOR INSTALLATION OF NEW SIGNAL EQUIPMENT.
- 2. CABLE TESTING AND DIAGRAMS.
- 3. BORING, DRILLING, PUSHING, AND TRENCHING, INCLUDING REMOVAL AND REPLACEMENT OF PAVEMENT, SIDEWALKS, DRIVEPADS, VALLEY GUTTERS, WHEELCHAIR RAMPS, CURB & GUTTER, AND LANDSCAPING (INCLUDING SPRINKLERS), FOR INSTALLATION OF PULL BOXES, CONDUITS, AND SIGNAL FOUNDATIONS, EXCEPT AS NOTED ON THE PLANS.
- 4. LOCATION OF UTILITY LINES INCLUDING EXPLORATORY TRENCHING AND EXPOSING OF GAS LINES WHEN BORING.
- 5. DESIGN, MATERIALS, INSTALLATION AND REMOVAL OF SAFETY BARRIER FOR SHIELDING EQUIPMENT OR MATERIAL.
- 6. APPRISING PUBLIC THROUGH THE LOCAL NEWS MEDIA.
- 7. HAULING OF NON SALVAGEBLE MATERIAL TO BE DISPOSED TO CITY LANDFILL.
- 8. REMOVAL, SALVAGE, AND TRANSPORTATION OF EXISTING SIGNAL EQUIPMENT TO THE CITY TRAFFIC ENGINEERING OPERATIONS YARD.
- 9. LEAN FILL FOR CONDUIT TRENCHES.
- 10. PULL BOX ADJUSTMENT TO GRADE.
- 11. OFF-DUTY POLICE OFFICER FOR TRAFFIC CONTROL
- 12. REMOVAL AND REPLACEMENT IN KIND OR BETTER OF LANDSCAPING INCLUDING SPRINKLERS, FOR INSTALLATION OF PULL BOXES, CONDUITS AND SIGNAL FOUNDATIONS.
- 13. COST FOR PUBLIC SERVICE COMPANY TO PROVIDE ELECTRICAL SERVICE.
- * ITEMS LISTED ARE ONLY A GENERAL DESCRIPTION OF THE REQUIRED WORK AND MATERIALS, AND MAY NOT BE COMPLETE. THIS LIST DOES NOT INCLUDE ANY INCIDENTAL WORK OR MATERIALS REQUIRED BY THE SPECIAL PROVISIONS SERIALS (STANDARD DETAILS), SUPPLEMENTAL SPECIFICATIONS, OR THE STANDARD SPECIFICATIONS.

TRAFFIC SIGNAL LEGEND

NEW	EXISTING	ITEM
		PULL BOX
		SERVICE POLE
M	M	METER PEDESTAL
C		CONTROLLER CABINET
		CONDUIT RUN (SIGNALS)
	Macrosome and the second secon	CONDUIT RUN (INTERCONNECT)
		LOOP DETECTOR
←●	4-0	TRAFFIC SIGNAL PEDESTAL POLE
1	1E	CONDUIT RUN NUMBER (SIGNAL)
<u>S1</u>	\$1	CONDUIT RUN NUMBER (POWER SERVICE)
<u>C1</u>	<u>C1</u>	CONDUIT RUN NUMBER (INTERCONNECT)
F1	FI	CONDUIT RUN NUMBER (WARNING BEACON)
		TYPE II STANDARD WITH MASTARM, TRAFFIC SIGNAL, BACK PLATE, AND OPTICAL DETECTOR
**		TRAFFIC SIGNAL, BACK PLATE, OPTICAL DETECTOR, LUMINAIRE, AND VIDEO CAMERA
×		TRAFFIC SIGNAL, BACK PLATE, OPTICAL DETECTOR, LUMINAIRE,
•		PEDESTRIAN PUSH BUTTON (MOUNTED TO SIDE OF POLE WHERE INDICATED)
. ♠		PEDESTRIAN SIGNALS (MOUNTED TO SIDE OF POLE WHERE INDICATED)
SC	SC	SPLICE CABINET
•		TRAFFIC MANHOLE
_		VIDEO CAMERA

CERTIFICATE OF S

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 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.

DEFINITIONS

1. "ENGINEER" — FOR THE PURPOSES OF THIS PROJECT, THE TERM "ENGINEER" IS SYNONYMOUS WITH THE TERM "PROJECT MANAGER"

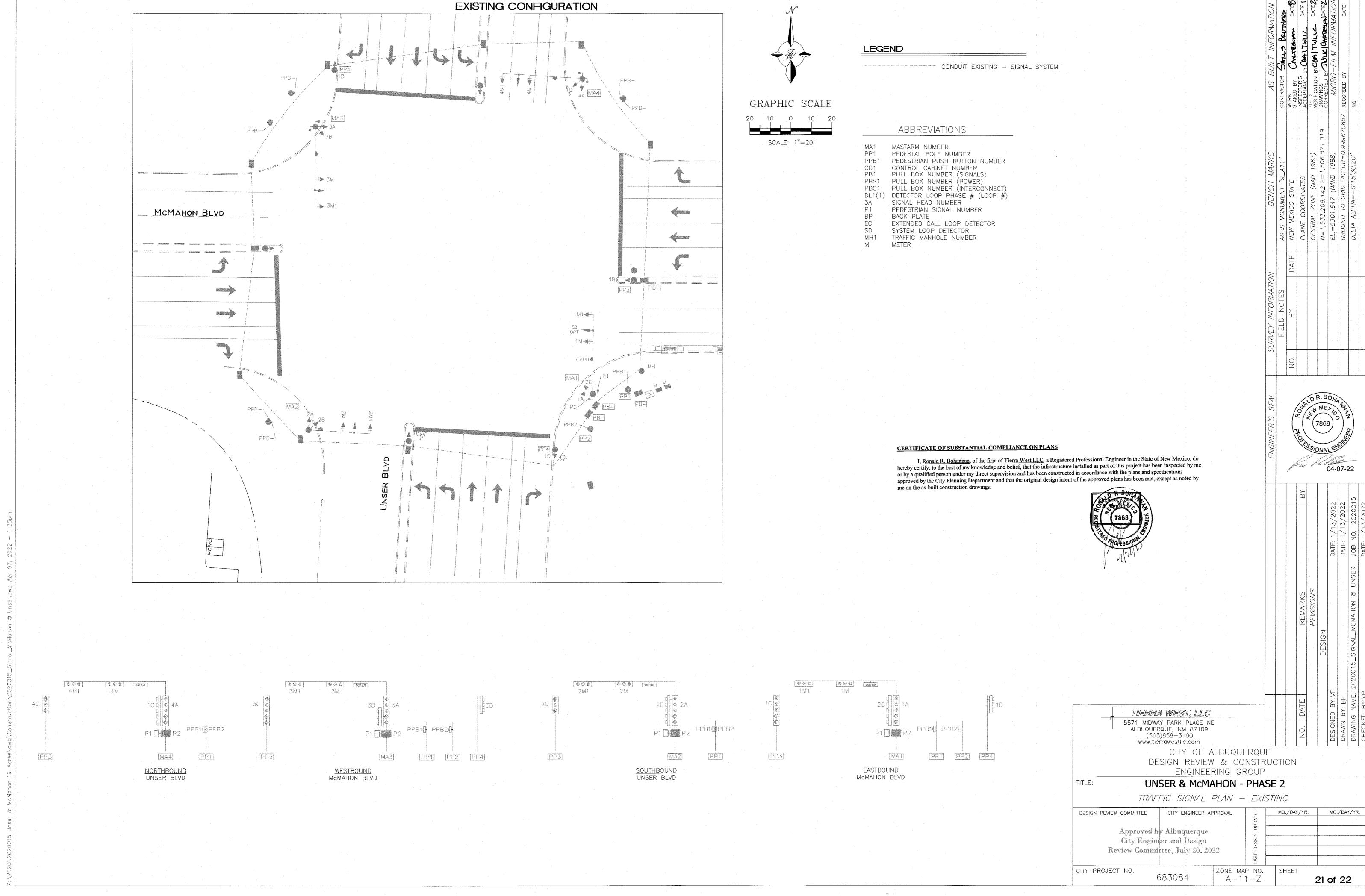


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TIERRA WEST, LLC 5571 MIDWAY PARK PLACE NE ALBUQUERQUE, NM 87109 (505)858-3100 www.tierrawestlc.com		NO. DATE		DESIGNED BY:	DRAWN BY; BF	DRAWING NAME	A CHACHE
CITY OF ALBUQUERQUE	- -						

DESIGN REVIEW & CONSTRUCTION ENGINEERING GROUP TITLE:

UNSER & McMAHON - PHASE 2 SIGNAL NOTES

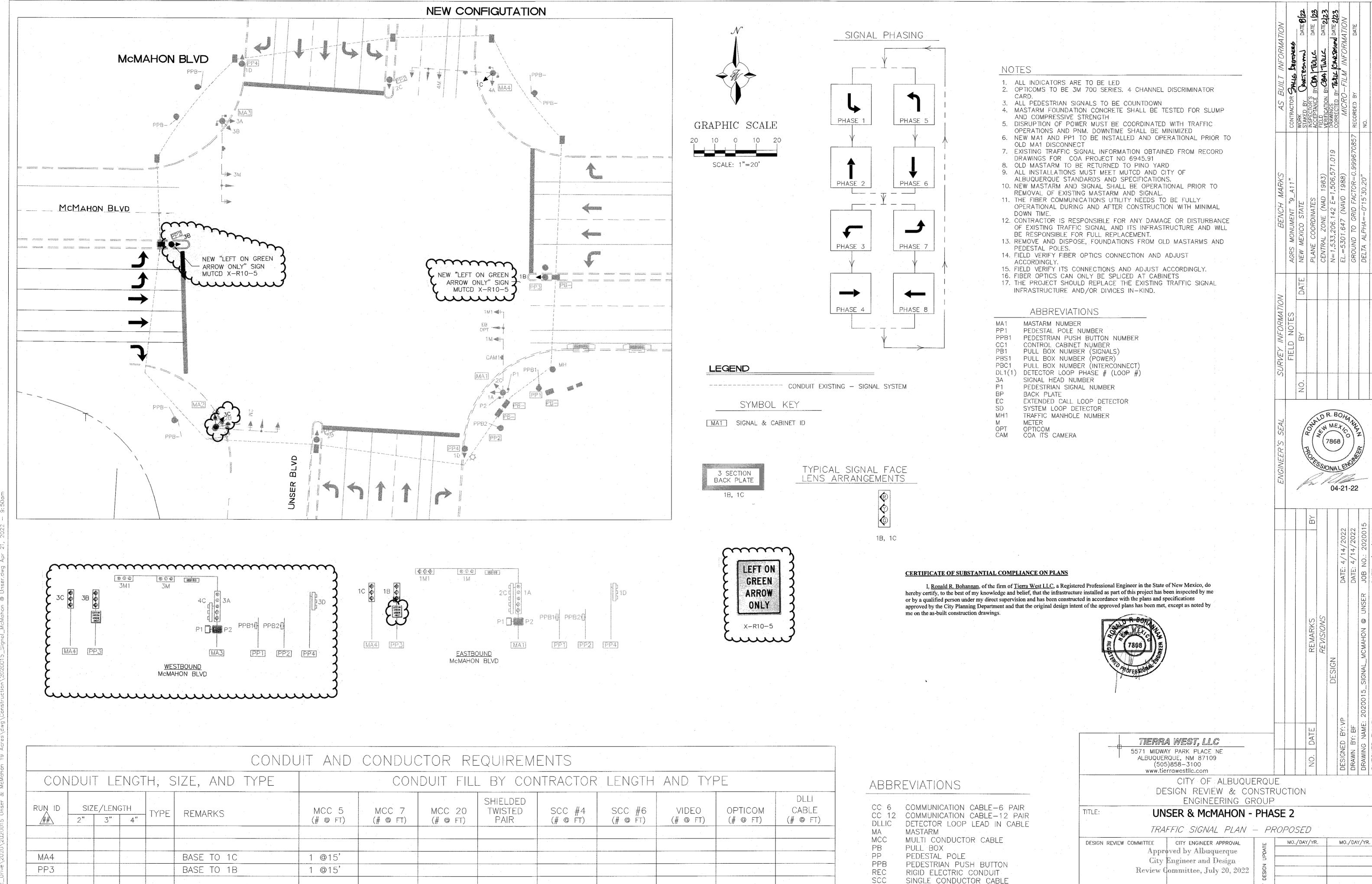
MO./DAY/YR. DESIGN REVIEW COMMITTEE CITY ENGINEER APPROVAL Approved by Albuquerque City Engineer and Design Review Committee, July 20, 2022 CITY PROJECT NO. SHEET ZONE MAP NO. A - 11 - Z20 of 22



CITY PROJECT NO.

ZONE MAP NO. SHEET

22 of 22



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TOTALS