

Map of the Sun Gate Subdivision showing the project limits and various tracts. The map includes a north arrow, a scale bar, and labels for streets such as Valley View, Carrizosa Avenue, Gibson Blvd., Sun Gate Subdivision, and 38th Street. Tracts are labeled with numbers like 01, 02, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100. The project limits are indicated by a shaded area and a dashed line.

VICINITY MAP
M-9, N-9

NOTICE TO CONTRACTORS

1. AN EXCAVATION/CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN THE CITY RIGHT-OF-WAY.
2. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION AS REVISED THROUGH UPDATE #7.
3. TWO WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT NEW MEXICO ONE CALL SYSTEM (280-1990) FOR LOCATION OF EXISTING UTILITIES.
4. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS, SHOULD A CONFLICT EXIST. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
5. FIVE (5) WORKING DAYS PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL SUBMIT TO CONSTRUCTION COORDINATION DIVISION A DETAILED CONSTRUCTION SCHEDULE. TWO (2) WORKING DAYS PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL OBTAIN A BARRICADING PERMIT FROM THE CONSTRUCTION COORDINATION DIVISION. CONTRACTOR SHALL NOTIFY THE CONSTRUCTION COORDINATION ENGINEER (924-3403) PRIOR TO OCCUPYING AN INTERSECTION. REFER TO SECTION 19 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
6. ALL WORK EFFECTING ARTERIAL ROADWAYS REQUIRES TWENTY-FOUR HOUR CONSTRUCTION.
7. STREET STRIPING ALTERED OR DESTROYED SHALL BE REPLACED WITH PLASTIC REFLECTORIZED PAVEMENT MARKING BY CONTRACTOR TO THE SAME LOCATION AS WAS EXISTING, OR /S/ INDICATED BY THIS PLAN SET.
8. CONTRACTOR SHALL NOTIFY THE ENGINEER NOT LESS THAN SEVEN (7) DAYS PRIOR TO STARTING WORK IN ORDER THAT THE CITY SURVEYOR MAY TAKE NECESSARY MEASURES TO INSURE THE PRESERVATION OF SURVEY MONUMENTS. CONTRACTOR SHALL NOT DISTURB PERMANENT SURVEY MONUMENTS WITHOUT THE CONSENT OF THE CITY SURVEYOR AND SHALL NOTIFY THE CITY SURVEYOR AND BEAR THE EXPENSE OF REPLACING ANY THAT MAY BE DISTURBED WITHOUT PERMISSION. REPLACEMENT SHALL BE DONE ONLY BY THE CITY SURVEYOR. WHEN A CHANGE IS MADE IN THE FINISHED ELEVATIONS OF THE PAVEMENT OF ANY ROADWAY IN WHICH A PERMANENT SURVEY MONUMENT IS LOCATED, CONTRACTOR SHALL, AT HIS OWN EXPENSE, ADJUST THE MONUMENT COVER TO THE NEW GRADE UNLESS OTHERWISE SPECIFIED. REFER TO SECTION 4.4 OF THE GENERAL CONDITIONS OF THE STANDARD SPECIFICATIONS.
9. CONTRACTOR SHALL RECORD DATA ON ALL UTILITY LINES AND ACCESSORIES AS REQUIRED BY THE CITY OF ALBUQUERQUE FOR THE PREPARATION OF "AS CONSTRUCTED" DRAWINGS. CONTRACTOR SHALL NOT COVER UTILITY LINES AND ACCESSORIES UNTIL ALL DATA HAS BEEN RECORDED.
10. CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORK SITE. CONTRACTOR SHALL PROMPTLY REMOVE ANY GRAFFITI FROM ALL EQUIPMENT, WHETHER PERMANENT OR TEMPORARY.
11. CONTRACTOR SHALL COORDINATE WITH THE CITY OF ALBUQUERQUE WATER UTILITY DIVISION (857-8200) SEVEN (7) WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT EXISTING PUBLIC WATER OR SEWER UTILITIES. EXISTING VALVES TO BE OPERATED BY CITY PERSONNEL ONLY. CONTRACTOR SHALL CONTACT THE WATER SYSTEMS DIVISION SEVEN (7) WORKING DAYS PRIOR TO PERSONNEL VALVES TURNED ON OR OFF.

THE FOLLOWING NOTES ALSO APPLY WHEN CHECKED

ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING

BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE


- ☒ SIDEWALKS AND WHEELCHAIR RAMPS WITHIN THE CURB RETURNS SHALL BE CONSTRUCTED WHEREVER A NEW CURB RETURN IS CONSTRUCTED.
- ☒ IF CURB IS DERESSED FOR A DRIVEPAD, THE DRIVEPAD SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB AND GUTTER.
- ☒ ALL STORM DRAINAGE FACILITIES SHALL BE COMPLETED PRIOR TO FINAL ACCEPTANCE.
- ☒ THE REQUESTOR OR DEVELOPER SHALL BE RESPONSIBLE FOR REPAIR OR REPLACEMENT OF ALL CURB AND GUTTER OR SIDEWALK DAMAGED AFTER APPROVAL BY THE CITY ENGINEER OF WORK COMPLETED BY THE CONTRACTOR.

CONSTRUCTION NOTES:

1. THE CONTRACTOR SHALL ABIDE BY ALL LOCAL, STATE, AND FEDERAL LAWS, RULES AND REGULATIONS WHICH APPLY TO THE CONSTRUCTION OF THESE IMPROVEMENTS.
2. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL POTENTIAL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OR CONSTRUCTION OBSERVER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
3. ALL ELECTRICAL, TELEPHONE, CABLE TV, GAS AND OTHER UTILITY LINES, CABLES AND APPURTENANCES ENCOUNTERED DURING CONSTRUCTION THAT REQUIRE RELOCATION, SHALL BE COORDINATED WITH THAT UTILITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL NECESSARY UTILITY ADJUSTMENTS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR DELAYS OR INCONVENIENCES CAUSED BY UTILITY COMPANY WORK CREWS. THE CONTRACTOR MAY BE REQUIRED TO RESCHEDULE HIS ACTIVITIES TO ALLOW UTILITY CREWS TO PERFORM THEIR REQUIRED WORK.
4. DISPOSAL SITE FOR ALL EXCESS EXCAVATION MATERIAL, AND UNSUITABLE MATERIAL SHALL BE OBTAINED BY THE CONTRACTOR IN COMPLIANCE WITH APPLICABLE ENVIRONMENTAL REGULATIONS AND APPROVED BY THE CONSTRUCTION OBSERVER. ALL COSTS INCURRED IN OBTAINING A DISPOSAL SITE AND HAIL, THEREO SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE.
5. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING THE EXISTING UTILITY LINES WITHIN THE CONSTRUCTION AREA. ANY DAMAGE TO EXISTING FACILITIES CAUSED BY CONSTRUCTION ACTIVITY SHALL BE REPAID OR REPLACED AT THE CONTRACTOR'S EXPENSE AND APPROVED BY THE CONSTRUCTION OBSERVER.
6. CONSTRUCTION ACTIVITY SHALL BE LIMITED TO THE PROPERTY AND/OR PROJECT LIMITS. ANY DAMAGE TO ADJACENT PROPERTIES RESULTING FROM THE CONSTRUCTION PROCESS IS THE RESPONSIBILITY OF THE CONTRACTOR. ANY COSTS INCURRED FOR REPAIRS SHALL BE THE COST OF THE CONTRACTOR.
7. 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.
8. THE CONTRACTOR SHALL OBTAIN ALL THE NECESSARY PERMITS FOR THE PROJECT PRIOR TO COMMENCING CONSTRUCTION (I.E. BARRICADING, SURFACE DISTURBANCE)
9. THE CONTRACTOR SHALL BE RESPONSIBLE TO REPLACE AT HIS EXPENSE ANY AND ALL PROPERTY CORNERS DESTROYED DURING CONSTRUCTION. ALL PROPERTY CORNERS MUST BE RESET BY A REGISTERED LAND SURVEYOR.
10. ALL PERMANENT PAVEMENT MARKING AND TRAFFIC SIGNING SHALL BE FURNISHED BY THE CONTRACTOR PER PLAN.
11. THE CONTRACTOR SHALL FOLLOW THE CONSTRUCTION TRAFFIC CONTROL, ALBUQUERQUE, AND SIGNING PLAN PROVIDED HEREIN. THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF ALBUQUERQUE TRAFFIC ENGINEERING DEPARTMENT, PRIOR TO BEGINNING ANY CONSTRUCTION WORK ON OR ADJACENT TO EXISTING STREETS.
12. ALL BARRICADES AND CONSTRUCTION SIGNING SHALL CONFORM TO APPLICABLE SECTIONS OF THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), U.S. DEPARTMENT OF

PAVINGPLANS

SHEET NO.	DESCRIPTION
3	GIBSON BLVD. PLAN AND PROFILE
4	GIBSON BLVD./BLAKE ROAD PLAN AND PROFILE
5 - 7	98th STREET PLAN AND PROFILE
8	DE ANZA DRIVE PLAN AND PROFILE
9	BLAKE ROAD PLAN AND PROFILE

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UTILITY PLANS

SHEET NO. 11 - 13 98th STREET PLAN AND PROFILE

14 GIBSON BLVD. PLAN AND PROFILE

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

Mark Goodwin, NMPE 8948, of the firm Mark Goodwin & Associates, PA, a Registered Professional Engineer of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure improvement project has been inspected by me or by a qualified person under my direct supervision, and has been in accordance with the plans and specifications approved by the City Engineer and that the original design of the plans has been met, except as noted by me on the as-built construction drawings. This Certification is given in accordance with the provisions of the New Mexico Professional Engineer Act. Survey information provided by ALS, Inc., N

Mark Goodwin
Goodwin, NMPE 8948

NEW MEXICO
11-13-17
8948
PROFESSIONAL ENGINEER
11-13-17

Mark Goodwin, certify that this electronic version is identical to the original reproducible APPENDIX A CONSTRUCTION drawings signed by me on 11-13-17 at ALBANY, NM.

CHRISTIAN J. SOLTIS

set of drawings is accepted for RECORD purposes by _____ on _____

SURVEYOR'S CERTIFICATION


"I, Timothy Aldrich, a duly qualified Registered Professional Land Surveyor under the laws of the State of New Mexico, do hereby certify that the 'as-built' information shown on these drawings was obtained from field construction and 'as-built' surveying performed by me or under my supervision and 'as-built' information shown on these drawings was added thereto under my supervision, and that this 'as-built' information is true and correct to the best of my knowledge and belief. I, said land surveying engineer, am not responsible for the design concepts contained herein, nor the design or intent of the project or its engineering.

Timothy Aldrich

Timothy Aldrich, S. No. 7719

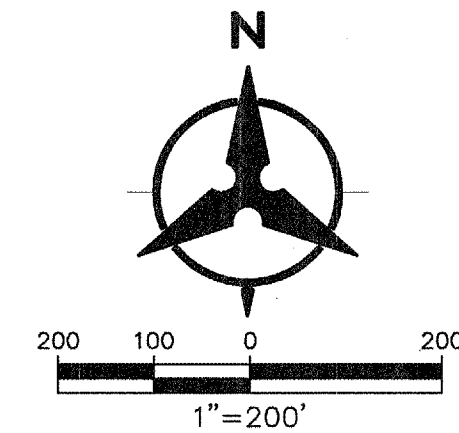
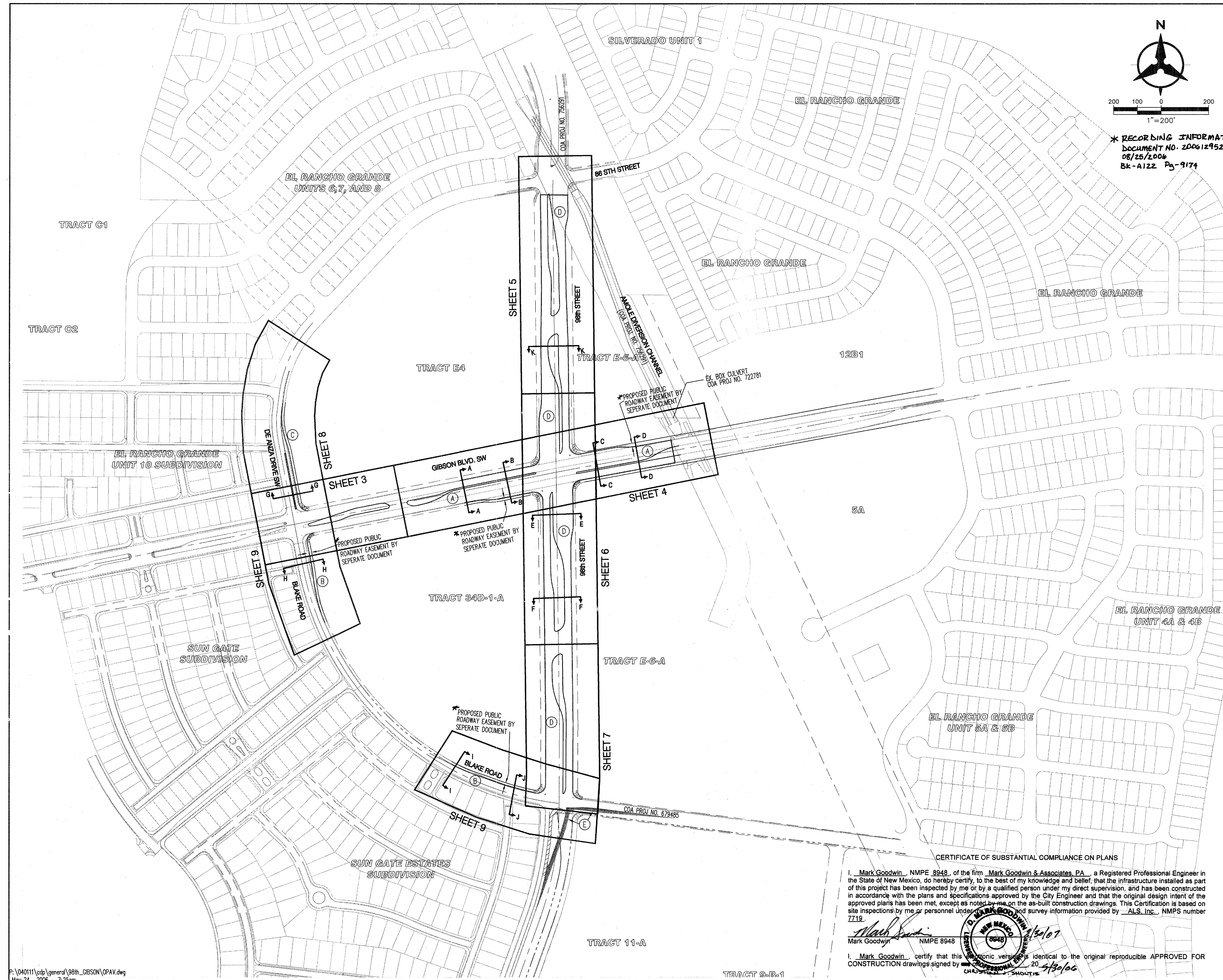
7-20-81
Date

APPROVED AS RECORD DRAWING
DESIGN REVIEW SECTION
CITY CONSTRUCTION ENGINEER
Paul Allen
DATE: 02-27-2008

Bohannon  **Huston** INC.

Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4396

ENGINEERING ▲ SPATIAL DATA ▲ ADVANCED TECHNOLOGIES



*** RECORDING INFORMATION**
DOCUMENT NO. 2006129521
08/25/2006
Bk-A122 Pg-9179

GENERAL NOTES

1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
2. ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
3. GRADE ELEVATIONS, WHERE NOTED, ARE FOR FLOWLINE OF CURB UNLESS OTHERWISE SPECIFIED.
4. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
5. ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
6. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
7. ANY DAMAGE TO THE EXISTING FACILITIES, (C&G, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
8. REMOVAL OF THE EXISTING C&G SHALL BE AS PER COA STD. DWG. 2415 (SAWCUT ONLY).
9. WHEELCHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.
10. DENOTES CROWN TRANSITION PER COA STD DWG. 2401.
11. FOR CURB RETURN & QUARTER POINT ELEV INFO REFER TO INDIVIDUAL PAVING SHEETS.
12. MH RIMS & CATCH BASIN INLET ELEVATIONS ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY AND ADJUST TO FINAL PAVEMENT ELEVATIONS.
13. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITIES AND TRANSMISSION GAS LINES. CONTRACTOR SHALL COORDINATE RELOCATION OF UTILITY LINES WITH UTILITY COMPANIES AS REQUIRED.

NOTE:

SEE SHEET 17 FOR STREET SECTIONS.

KEYED NOTES

- A. SEE SHEET 18 FOR ARTERIAL PAVEMENT SECTION.
- B. SEE SHEET 18 FOR COLLECTOR PAVEMENT SECTION.
- C. SEE SHEET 18 FOR MAJOR LOCAL PAVEMENT SECTION.

LEGEND

- EXISTING R/W LINE
- EXISTING CURB & GUTTER
- PROPOSED R/W LINE
- PROPERTY LINE
- PROPOSED STANDARD CURB & GUTTER
- FUTURE CURB & GUTTER
- PROPOSED SUBDIVISION BOUNDARY
- EASEMENT
- PROPOSED STREET LIGHT
- PROPOSED STORM DRAIN MANHOLE
- PROPOSED STORM DRAIN INLET
- PROPOSED FIRE HYDRANT
- PROPOSED MAIN VALVE
- PROPOSED SAS MANHOLE
- PROPOSED WHEELCHAIR RAMP
- PROPOSED UNIDIRECTIONAL WHEELCHAIR RAMP

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**CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT**

**SILVERTREE VILLAGE CENTER
MASTER INFRASTRUCTURE
OVERALL PAVING PLAN**

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
City Project No.	Zone Map No.	Sheet	Of
722786	N-9	2	21

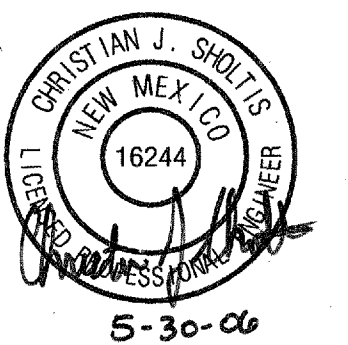
CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Mark Goodwin, NMPE 8948, of the firm Mark Goodwin & Associates, P.A., a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision, and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direct supervision and survey information provided by ALS, Inc., NMPS number 7719.

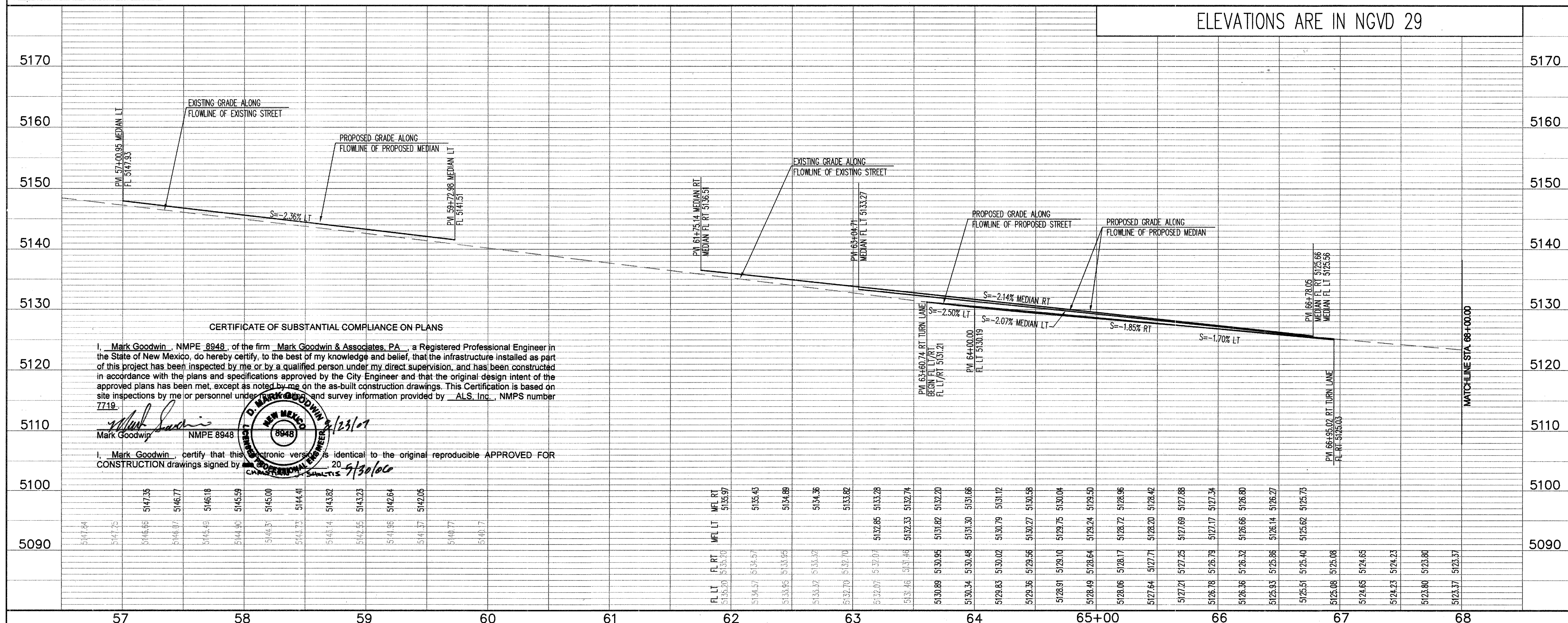
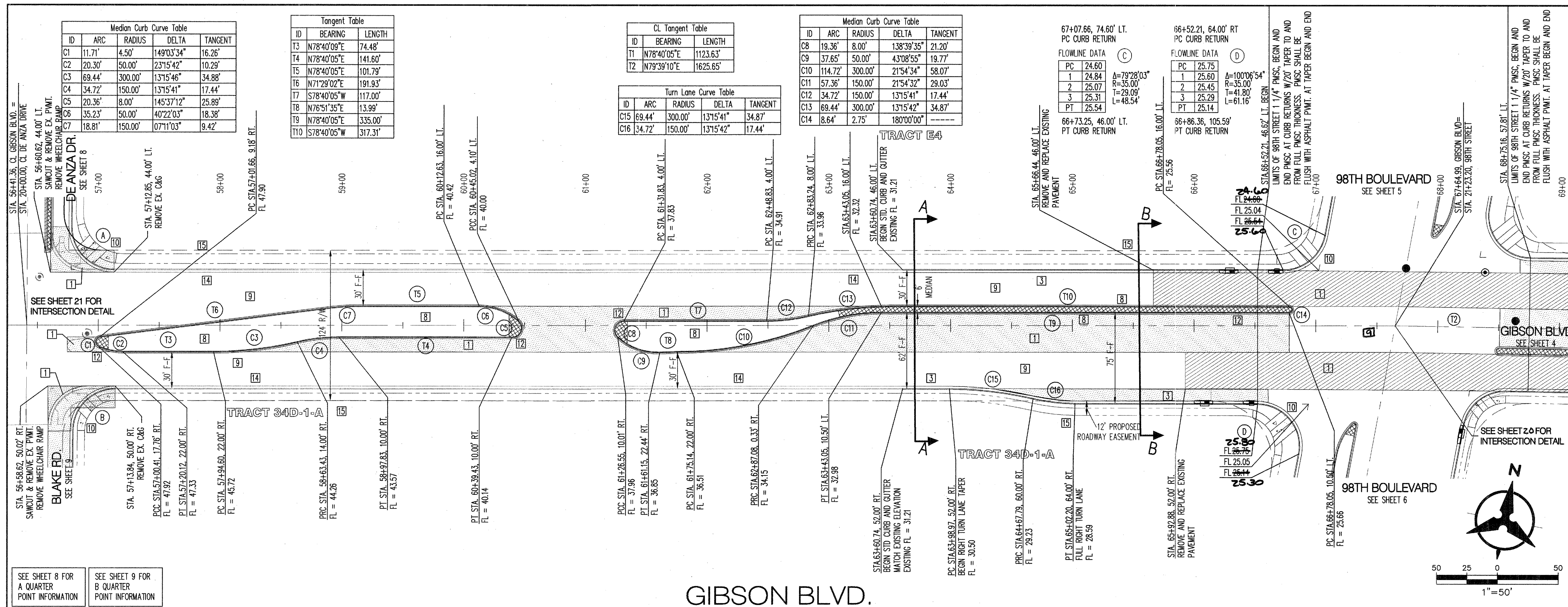
Mark Goodwin NMPE 8948

I, Mark Goodwin, certify that this electronic version is identical to the original reproducible APPROVED FOR CONSTRUCTION drawings signed by CHRISTIAN J. SHULTS on 5/30/06.

AS BUILT INFORMATION				BENCH MARKS				SURVEY INFORMATION				ENGINEER'S SEAL			
CONTRACTOR	DATE	BY	DATE	CONTRACTOR	DATE	BY	DATE	NO.	DATE	BY	DATE	NO.	DATE	BY	DATE
SAIS	8/15/07	SAIS	8/15/07	SAIS	8/15/07	SAIS	8/15/07								
INSPECTOR'S	DATE	BY	DATE	INSPECTOR'S	DATE	BY	DATE								
ACCEPTANCE BY	DATE	BY	DATE	ACCEPTANCE BY	DATE	BY	DATE								
VERIFICATION BY	DATE	BY	DATE	VERIFICATION BY	DATE	BY	DATE								
REVISIONS	DATE	BY	DATE	REVISIONS	DATE	BY	DATE								
MICROFILM INFORMATION	DATE	BY	DATE	MICROFILM INFORMATION	DATE	BY	DATE								
RECORDED BY	DATE	BY	DATE	RECORDED BY	DATE	BY	DATE								
NO.				NO.											



DESIGNED BY: CJS
DRAWN BY: JRS
CHECKED BY: CJS
DATE: 02/27/06
DATE: 02/27/06
DATE: 02/27/06



- NOTES**
- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
 - ALL CURB RETURN RADI SHALL BE 30' UNLESS OTHERWISE SPECIFIED.
 - ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
 - GRADE ELEVATIONS, WHERE NOTED, ARE FOR FLOWLINE OF CURB UNLESS OTHERWISE SPECIFIED.
 - CONTRACTOR IS TO INSTALL A 4"x4"x5' POST AND END AT THE END OF EACH SANITARY SEWER SERVICE.
 - CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
 - ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
 - CONTRACTOR SHALL PROVIDE THE INSPECTORS, (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
 - CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
 - ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.
 - REMOVAL OF THE EXISTING CURB & GUTTER SHALL BE PER COA STD. DWG. 2415 (SAWOUT ONLY).
 - WHEELCHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.
 - WHERE EXISTING PAVEMENT, JACK AND BORE FOR CONDUIT PLACEMENT.
- LEGEND**
- REMOVE AND REPLACE EXISTING PAVEMENT
 - NEW PAVEMENT PER APPLICABLE KEYED NOTE BELOW
 - 4" TEMPORARY PAVEMENT, TYPE SP III

- KEYED NOTES**
- BUILD ARTERIAL PAVEMENT PER ARTERIAL SECTION, SHEET 18.
 - BUILD COLLECTOR PAVEMENT PER COLLECTOR SECTION, SHEET 18.
 - BUILD STD. CURB & GUTTER PER COA STD. DWG. 2415A.
 - BUILD EXTRUDED ASPHALT CURB PER COA STD. DWG. 2415B.
 - BUILD 6" SIDEWALK PER COA STD. DWG. 2430.
 - BUILD 8" ASPHALT PATH PER COA STD. DWG. 2415B.
 - INSTALL SPECIAL HANDICAP RAMP 'B'.
 - BUILD MEDIAN CURB & GUTTER PER COA STD. DWG. 2415B.
 - FINAL LIFT PLACEMENT OF ARTERIAL ASPHALT SEE SHEET 19 FOR DETAIL.
 - INSTALL HANDICAP RAMP PER HANDICAP RAMP DETAIL 'A', SEE SHEET 19.
 - BUILD MAJOR LOCAL PAVEMENT PER LOCAL SECTION DETAIL 'C', SHEET 19.
 - BUILD CONCRETE MEDIAN PAVING 10" BACK FROM MEDIAN NOSE AND ANYWHERE WIDTH ≤ 5 FT. PER STD. DWG. 2502. MEDIAN NOSES SHALL BE PAINTED REFLECTIVE YELLOW.
 - FUTURE CURB AND GUTTER.
 - EXISTING CURB AND GUTTER
 - FUTURE SIDEWALK
 - NOT USED THIS SHEET.

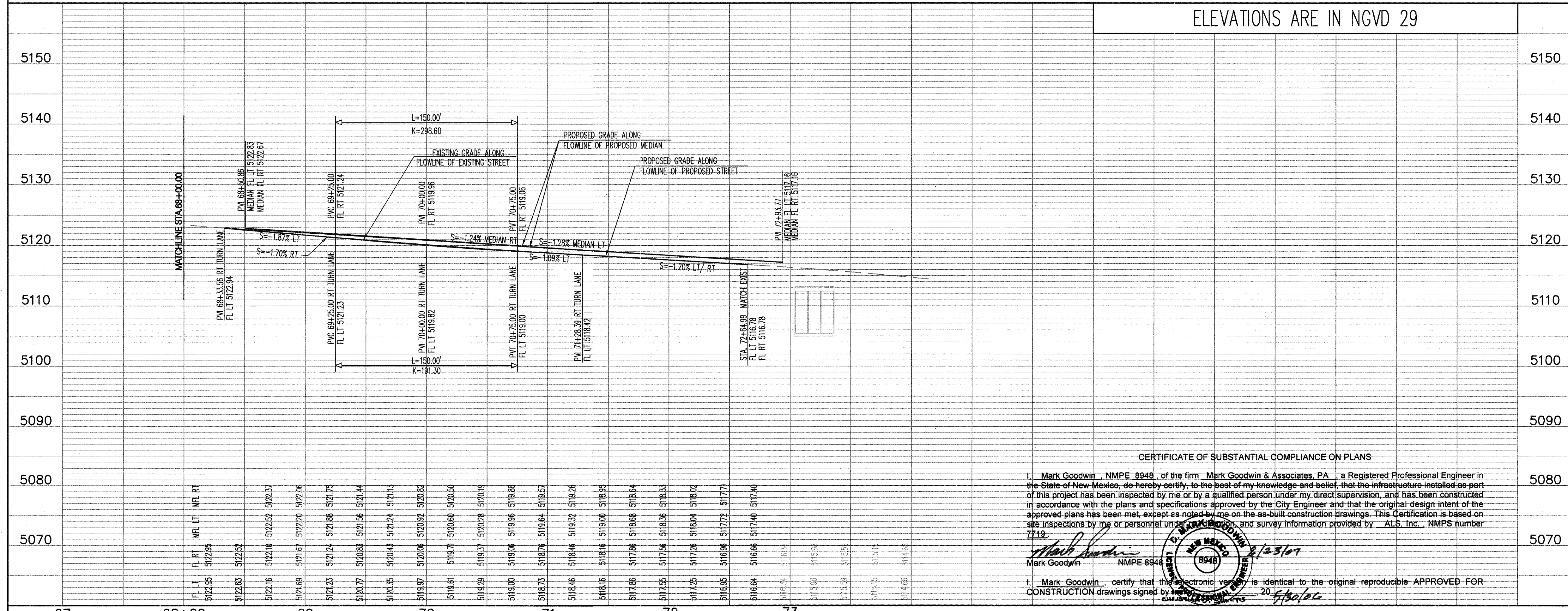
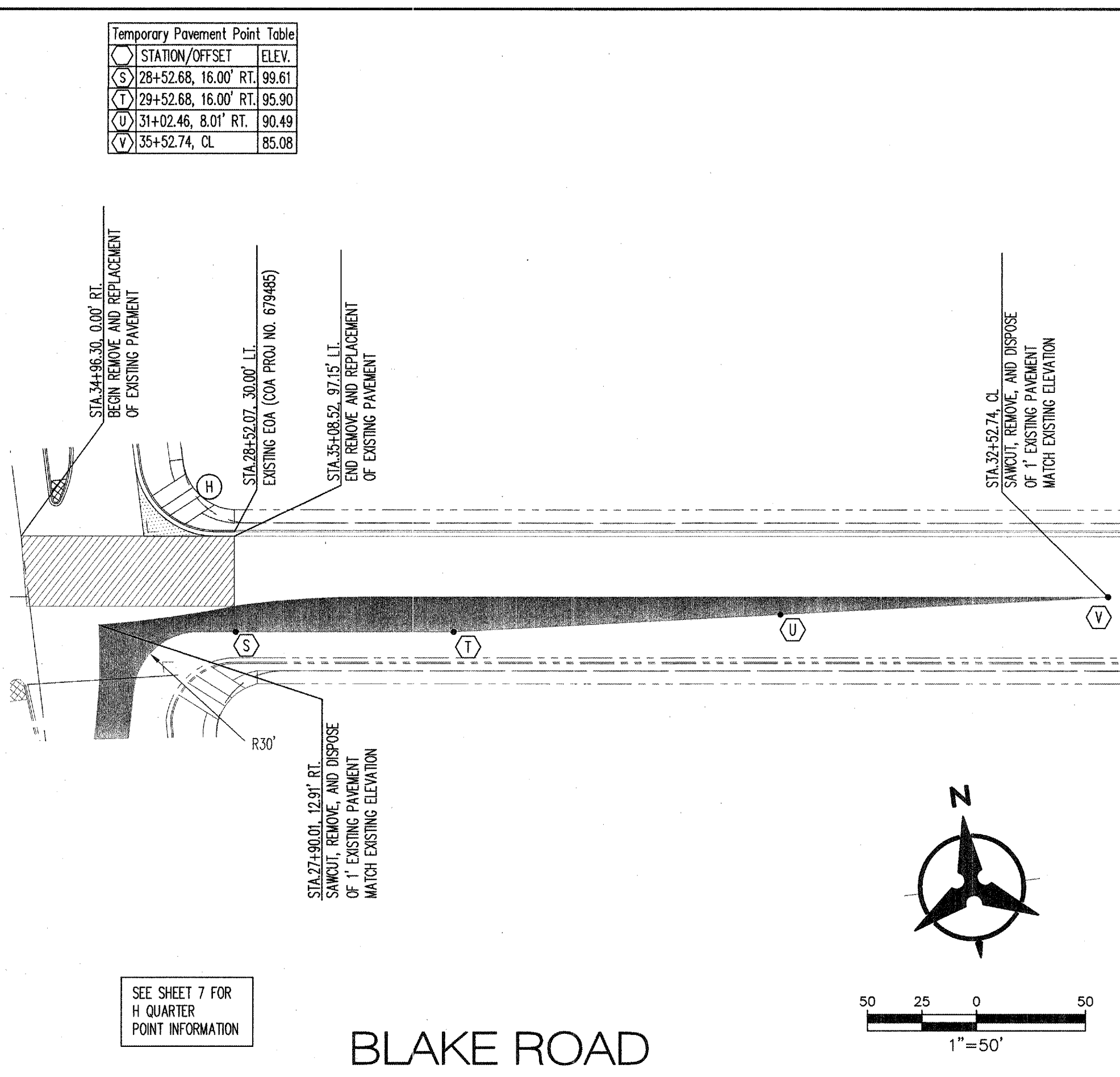
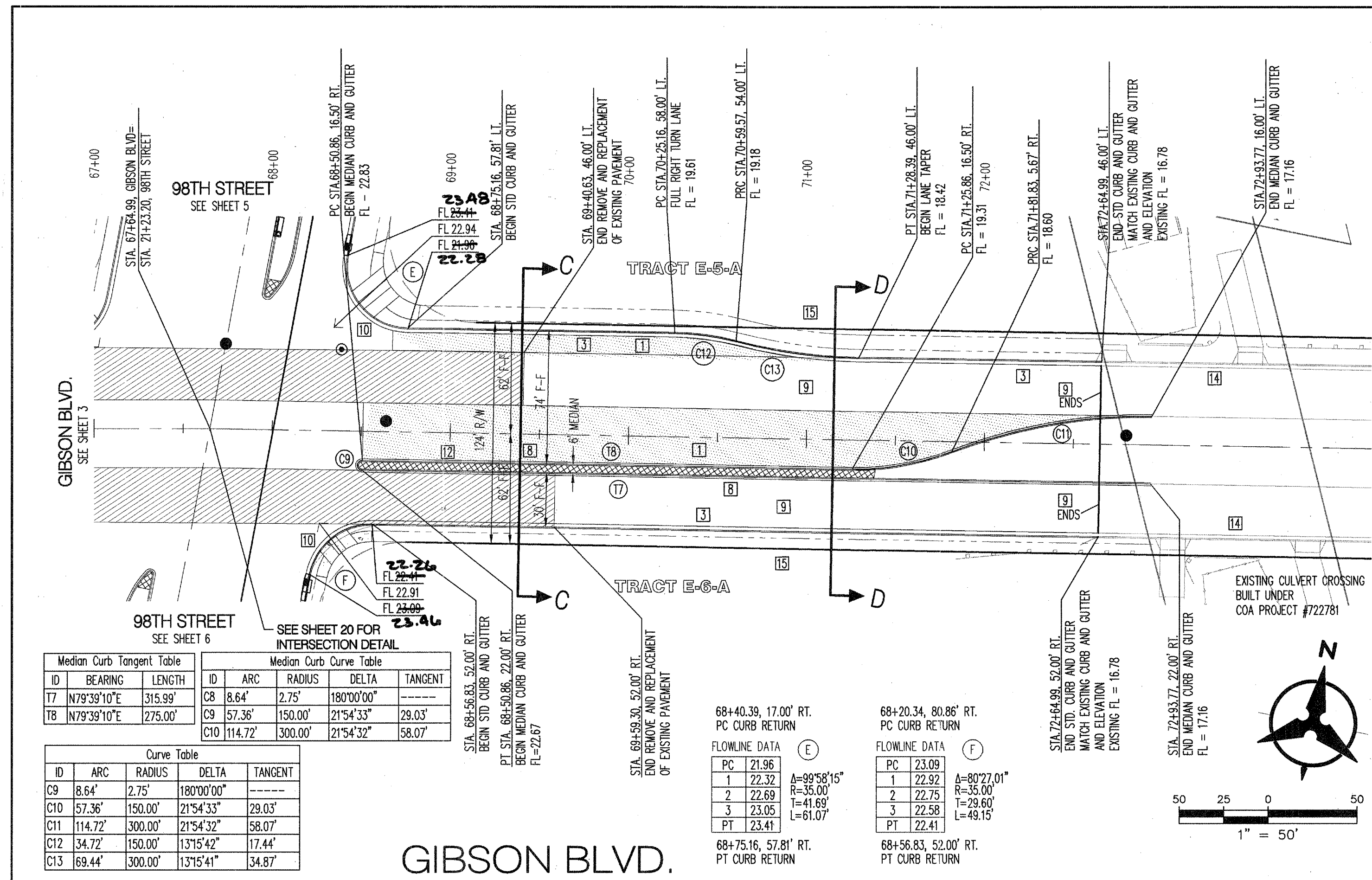
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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

SILVERTREE VILLAGE CENTER
MASTER INFRASTRUCTURE
PAVING PLAN AND PROFILE-GIBSON BLVD.

Design Review Committee City Engineer Approval

City Project No. **722786** Zone Map No. **N-9** Sheet **3** of **21**



NOTES

- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
- ALL CURB RETURN RADII SHALL BE 30' UNLESS OTHERWISE SPECIFIED.
- ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
- GRADE ELEVATIONS, WHERE NOTED, ARE FOR FLOWLINE OF CURB UNLESS OTHERWISE SPECIFIED.
- CONTRACTOR IS TO INSTALL A 4" x 4" x 5' POST AND END AT THE END OF EACH SANITARY SEWER SERVICE.
- CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
- ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
- CONTRACTOR SHALL PROVIDE THE INSPECTORS, (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
- CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
- ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.
- REMOVAL OF THE EXISTING CURB & GUTTER SHALL BE PER COA STD. DWG. 2415 (SAWOUT ONLY).
- WHEELCHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.
- WHERE EXISTING PAVEMENT, JACK AND BORE FOR CONDUIT PLACEMENT.

LEGEND

- REMOVE AND REPLACE EXISTING PAVEMENT
- NEW PAVEMENT PER APPLICABLE KEYED NOTE BELOW.
- 4" TEMPORARY PAVEMENT, TYPE SP III

KEYED NOTES

- BUILD ARTERIAL PAVEMENT PER ARTERIAL SECTION, SHEET 18.
- BUILD COLLECTOR PAVEMENT PER COLLECTOR SECTION, SHEET 18.
- BUILD STD. CURB & GUTTER PER COA STD. DWG. 2415A.
- BUILD EXTRUDED ASPHALT CURB PER COA STD. DWG. 2415B.
- BUILD 6" SIDEWALK PER COA STD. DWG. 2415C.
- BUILD 8" ASPHALT PATH PER COA STD. DWG. 2415D.
- INSTALL SPECIAL HANDICAP RAMP 'B'.
- BUILD MEDIAN CURB & GUTTER PER COA STD. DWG. 2415E.
- FINAL LIFT PLACEMENT OF ARTERIAL ASPHALT SEE SHEET 19 FOR DETAIL.
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- FUTURE SIDEWALK.
- NOT USED THIS SHEET.

ENGINEER'S SEAL

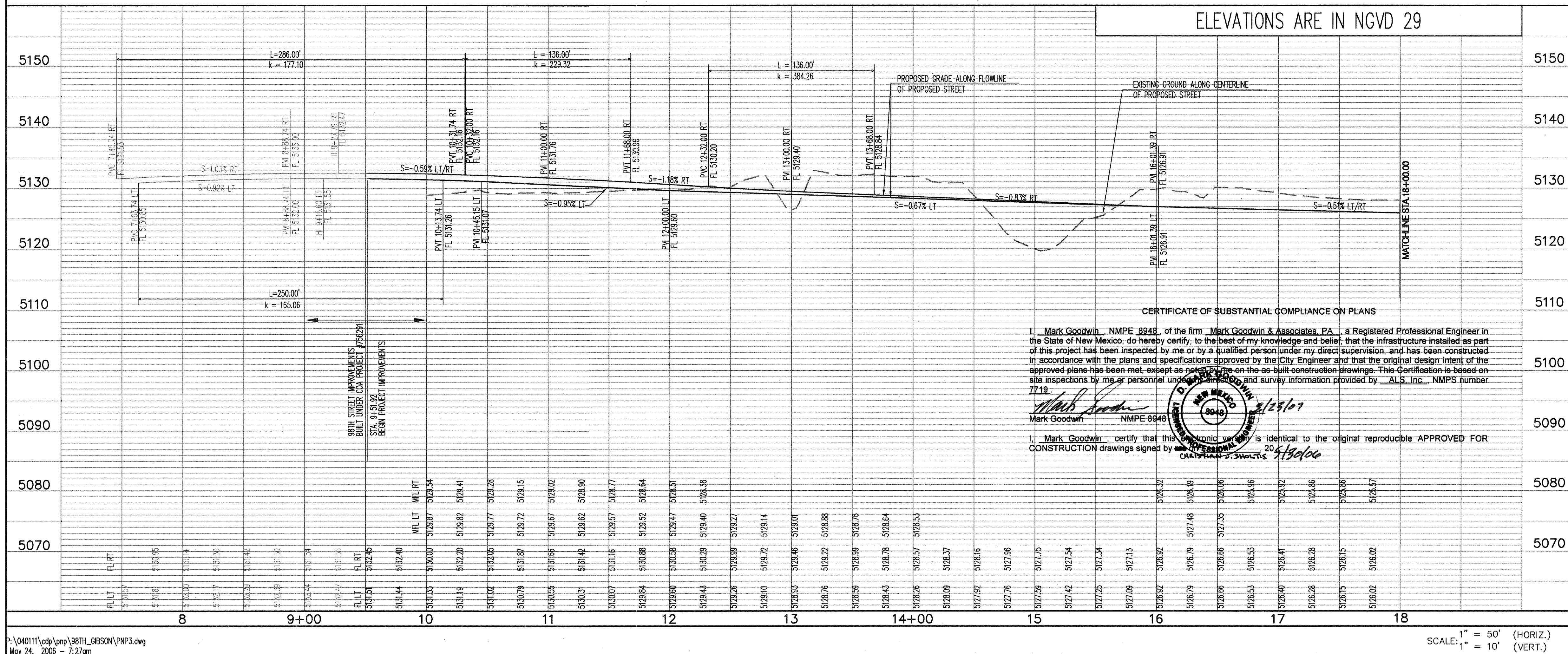
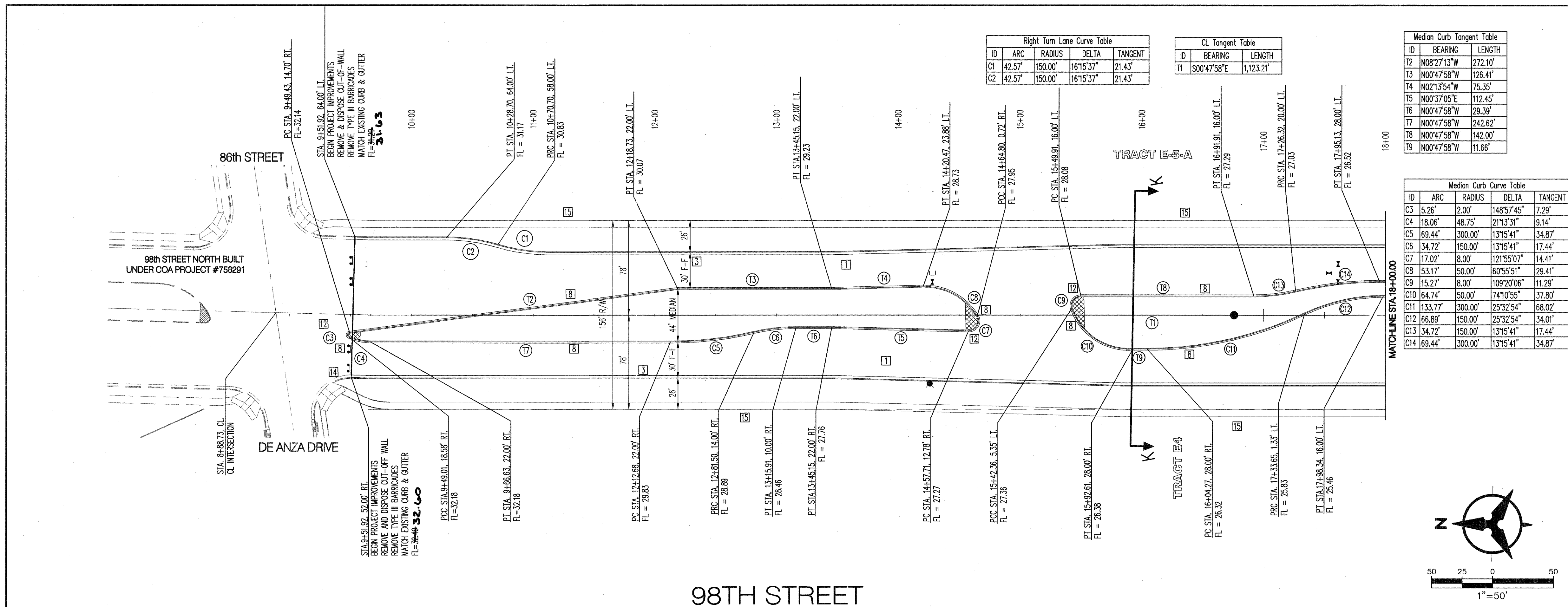
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CITY OF ALBUQUERQUE
 PUBLIC WORKS DEPARTMENT

SILVERTREE VILLAGE CENTER
 MASTER INFRASTRUCTURE
 PAVING PLAN AND PROFILE-GIBSON BLVD./BLAKE RD.

Design Review Committee City Engineer Approval

City Project No. 722786 **Zone Map No.** N-9 **Sheet** 4 **Of** 21



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- CONTRACTOR SHALL PROVIDE THE INSPECTORS, (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
- CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
- ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.
- REMOVAL OF THE EXISTING CURB & GUTTER SHALL BE PER COA STD. DWG. 2415 (SAWOUT ONLY).
- WHEELCHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.
- WHERE EXISTING PAVEMENT, JACK AND BORE FOR CONDUIT PLACEMENT.

LEGEND

- REMOVE AND REPLACE EXISTING PAVEMENT
- NEW PAVEMENT PER APPLICABLE KEYED NOTE BELOW.
- 4" TEMPORARY PAVEMENT, TYPE SP III

KEYED NOTES

- BUILD ARTERIAL PAVEMENT PER ARTERIAL SECTION, SHEET 18.
- BUILD COLLECTOR PAVEMENT PER COLLECTOR SECTION, SHEET 18.
- BUILD STD. CURB & GUTTER PER COA STD. DWG. 2415A.
- BUILD EXTRUDED ASPHALT CURB PER COA STD. DWG. 2415B.
- BUILD 6' SIDEWALK PER COA STD. DWG. 2430.
- BUILD 8' ASPHALT PATH PER COA STD. DWG. 2415B.
- INSTALL SPECIAL HANDICAP RAMP 'B'.
- BUILD MEDIAN CURB & GUTTER PER COA STD. DWG. 2415B.
- FINAL LIFT PLACEMENT OF ARTERIAL ASPHALT SEE SHEET 19 FOR DETAIL.
- INSTALL HANDICAP RAMP PER HANDICAP RAMP DETAIL 'A' SEE SHEET 19.
- BUILD MAJOR LOCAL PAVEMENT PER LOCAL SECTION DETAIL 'C', SHEET 19.
- BUILD CONCRETE MEDIAN PAVING 10' BACK FROM MEDIAN NOSE AND ANYWHERE WIDTH ≤ 5 FT. PER STD. DWG. 2502. MEDIAN NOSES SHALL BE PAINTED REFLECTIVE YELLOW.
- FUTURE CURB AND GUTTER.
- EXISTING CURB AND GUTTER
- FUTURE SIDEWALK
- NOT USED THIS SHEET.

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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

SILVERTREE VILLAGE CENTER
MASTER INFRASTRUCTURE
PAVING PLAN AND PROFILE-98TH STREET

Design Review Committee City Engineer Approval

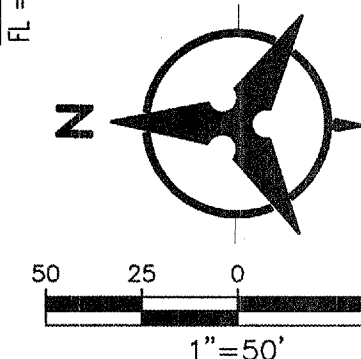
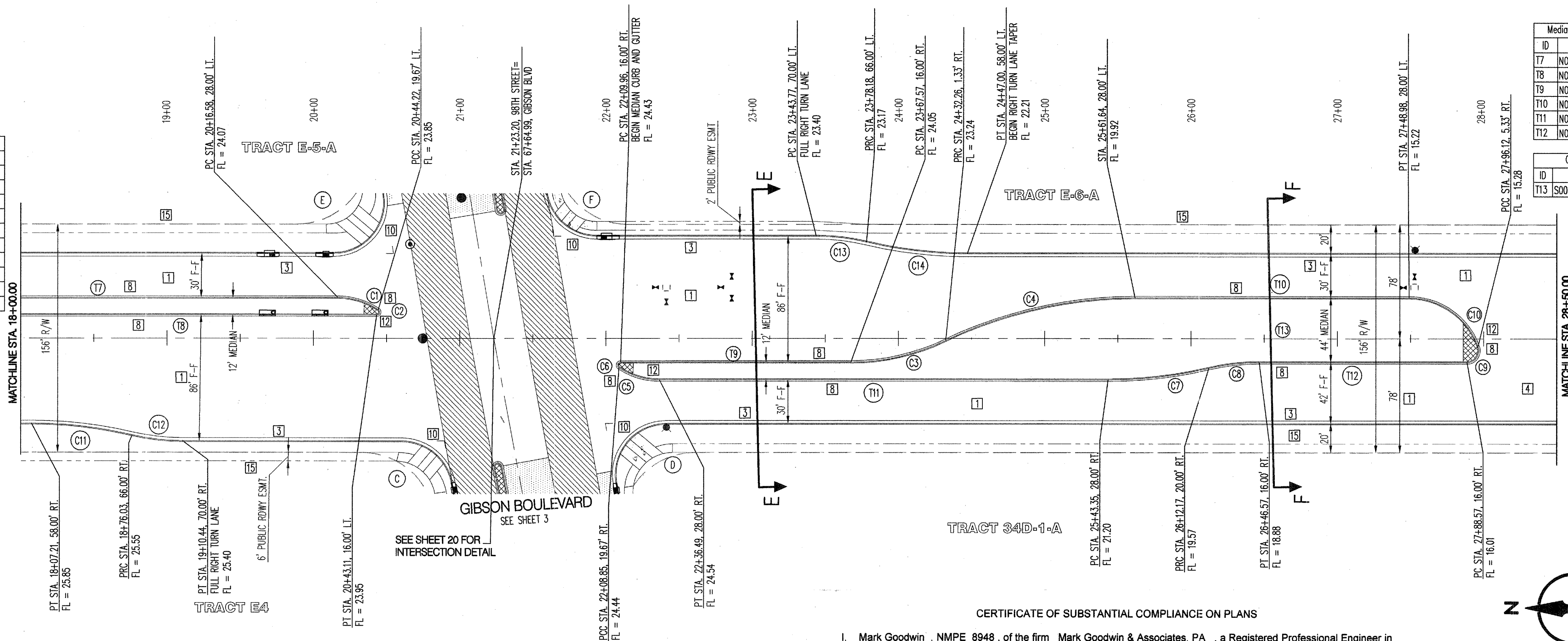
City Project No. **722786** Zone Map No. **N-9** Sheet **5** Of **21**

ID	ARC	RADIUS	DELTA	TANGENT
C11	69.44'	300.00'	13°15'41"	34.87'
C12	34.72'	150.00'	13°15'41"	17.44'
C13	34.72'	150.00'	13°15'41"	17.44'
C14	69.44'	300.00'	13°15'41"	34.87'

ID	ARC	RADIUS	DELTA	TANGENT
C1	29.28'	50.00'	33°33'26"	15.08'
C2	5.11'	2.00'	146°26'34"	6.63'
C3	66.89'	150.00'	25°32'54"	34.01'
C4	133.77'	300.00'	25°32'54"	68.02'
C5	29.28'	50.00'	33°33'26"	15.08'
C6	5.11'	2.00'	146°26'34"	6.63'
C7	69.44'	300.00'	13°15'41"	34.87'
C8	34.72'	150.00'	13°15'41"	17.44'
C9	15.29'	8.00'	109°28'16"	11.31'
C10	61.55'	50.00'	70°31'44"	35.36'

ID	BEARING	LENGTH
T7	N00°47'58"W	221.44'
T8	N00°47'58"W	244.77'
T9	N00°47'58"W	157.61'
T10	N00°47'58"W	187.34'
T11	N00°47'58"W	308.86'
T12	N00°47'58"W	142.00'

ID	BEARING	LENGTH
T13	S00°47'58"E	1085.05'



SEE SHEET 3 FOR
C & D QUARTER
POINT INFORMATION

SEE SHEET 4 FOR
E & F QUARTER
POINT INFORMATION

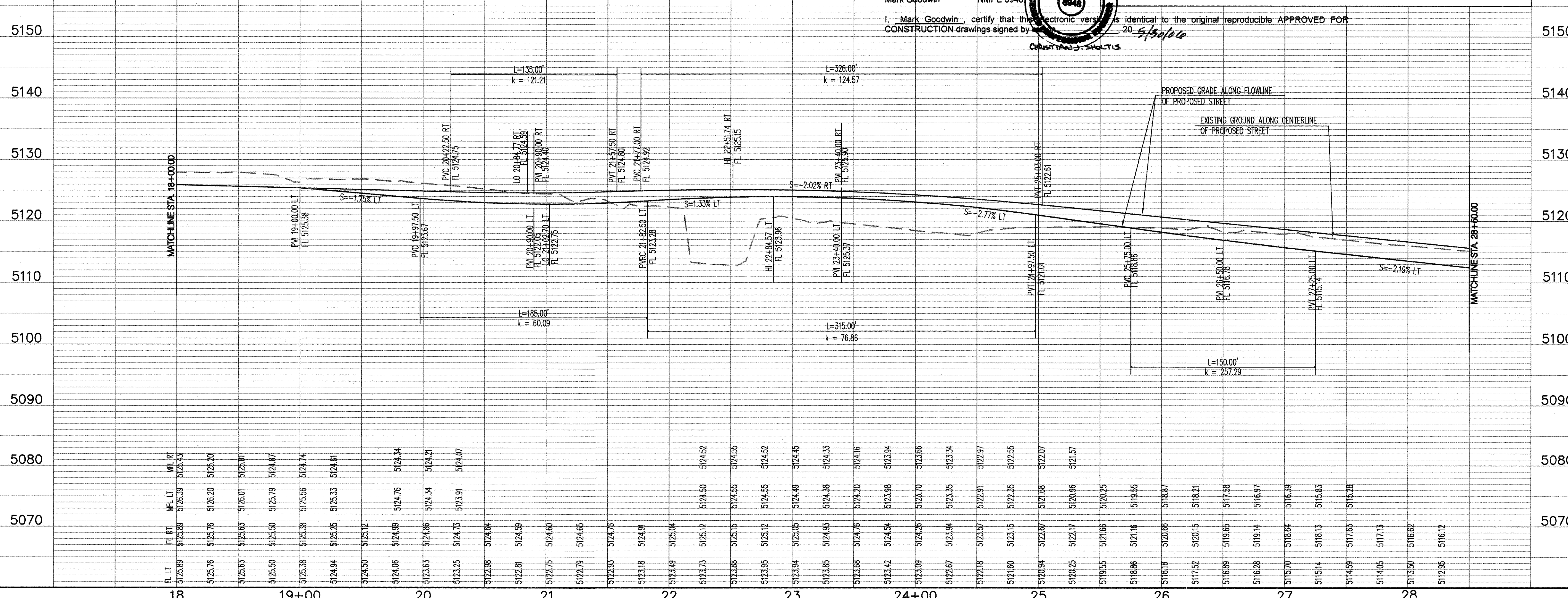
98TH STREET

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Mark Goodwin, NMPE 8948, of the firm Mark Goodwin & Associates, P.A., a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision, and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direct supervision, and survey information provided by ALS, Inc., NMPS number 7719.

Mark Goodwin
NMPE 8948
APPROVED FOR CONSTRUCTION drawings signed by *[Signature]* 20/06/06

ELEVATIONS ARE IN NGVD 29



NOTES

- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
- ALL CURB RETURN RADII SHALL BE 30' UNLESS OTHERWISE SPECIFIED.
- ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
- GRADE ELEVATIONS, WHERE NOTED, ARE FOR FLOWLINE OF CURB UNLESS OTHERWISE SPECIFIED.
- CONTRACTOR IS TO INSTALL A 4" x 4" x 5' POST AND END AT THE END OF EACH SANITARY SEWER SERVICE.
- CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
- ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
- CONTRACTOR SHALL PROVIDE THE INSPECTORS, (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
- CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
- ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.
- REMOVAL OF THE EXISTING CURB & GUTTER SHALL BE PER COA STD. DWG. 2415 (SAW CUT ONLY).
- WHEELCHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.
- WHERE EXISTING PAVEMENT, JACK AND BORE FOR CONDUIT PLACEMENT.

LEGEND

- REMOVE AND REPLACE EXISTING PAVEMENT
- NEW PAVEMENT PER APPLICABLE KEYED NOTE BELOW.
- 4" TEMPORARY PAVEMENT, TYPE SP III

KEYED NOTES

- BUILD ARTERIAL PAVEMENT PER ARTERIAL SECTION, SHEET 18.
- BUILD COLLECTOR PAVEMENT PER COLLECTOR SECTION, SHEET 18.
- BUILD STD. CURB & GUTTER PER COA STD. DWG. 2415A.
- BUILD EXTRUDED ASPHALT CURB PER COA STD. DWG. 2415B.
- BUILD 6" SIDEWALK PER COA STD. DWG. 2430.
- BUILD 8" ASPHALT PATH PER COA STD. DWG. 2415B.
- INSTALL SPECIAL HANDICAP RAMP 'B'.
- BUILD MEDIAN CURB & GUTTER PER COA STD. DWG. 2415B.
- FINAL LIFT PLACEMENT OF ARTERIAL ASPHALT SEE SHEET 19 FOR DETAIL.
- INSTALL HANDICAP RAMP PER HANDICAP RAMP DETAIL 'A'. SEE SHEET 19.
- BUILD MAJOR LOCAL PAVEMENT PER LOCAL SECTION DETAIL 'C', SHEET 19.
- BUILD CONCRETE MEDIAN PAVING 10' BACK FROM MEDIAN NOSE AND ANYWHERE WIDTH < 5 FT. PER STD. DWG. 2502. MEDIAN NOSES SHALL BE PAINTED REFLECTIVE YELLOW.
- FUTURE CURB AND GUTTER.
- EXISTING CURB AND GUTTER.
- FUTURE SIDEWALK.
- NOT USED THIS SHEET.

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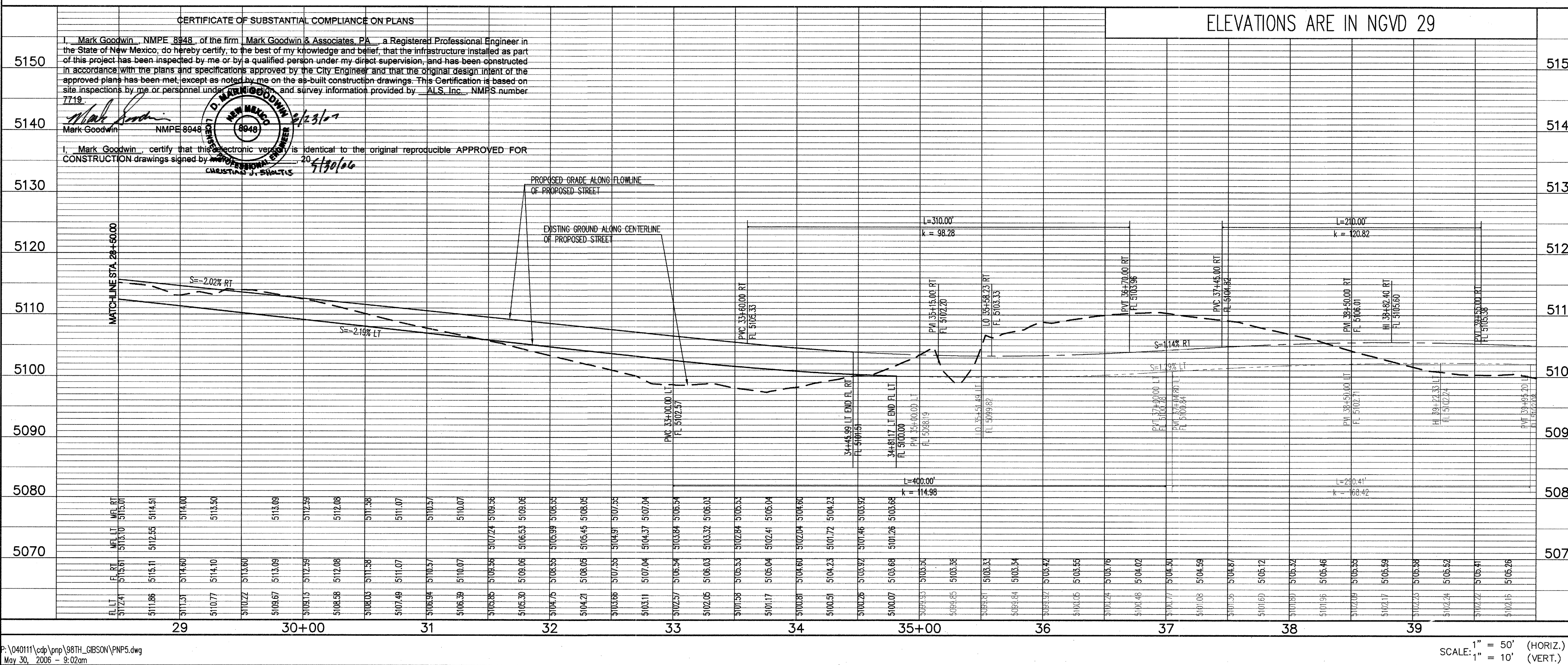
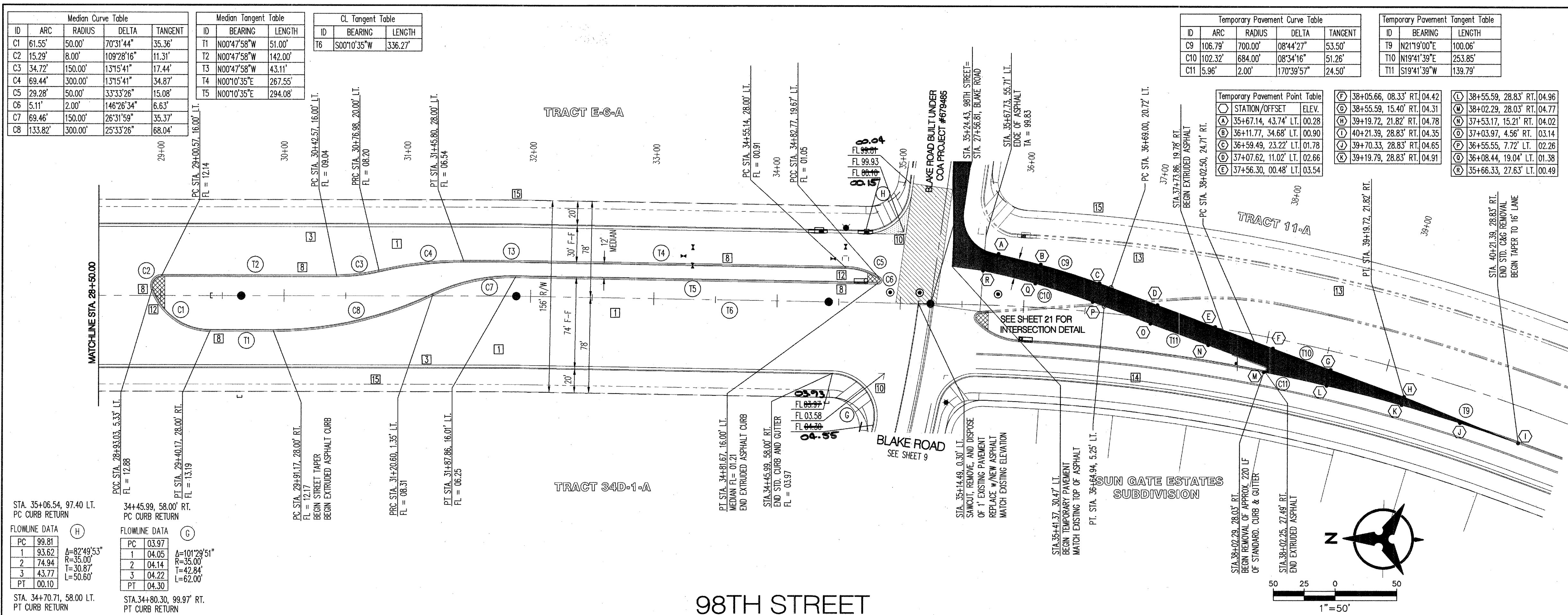
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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

SILVERTREE VILLAGE CENTER
MASTER INFRASTRUCTURE
PAVING PLAN AND PROFILE-98TH STREET

Design Review Committee City Engineer Approval
REVIEW COMMITTEE CITY ENGINEER

City Project No. 722786 Zone Map No. N-9 Sheet 6 Of 21



NOTES

- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
- ALL CURB RETURN RADI SHALL BE 30' UNLESS OTHERWISE SPECIFIED.
- ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
- GRADE ELEVATIONS, WHERE NOTED, ARE FOR FLOWLINE OF CURB UNLESS OTHERWISE SPECIFIED.
- CONTRACTOR IS TO INSTALL A 4"x 4" POST AND END AT THE END OF EACH SANITARY SEWER SERVICE.
- CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
- ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
- CONTRACTOR SHALL PROVIDE THE INSPECTORS, (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
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- REMOVAL OF THE EXISTING CURB & GUTTER SHALL BE PER COA STD. DWG. 2415 (SAW-CUT ONLY).
- WHEELCHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.
- WHERE EXISTING PAVEMENT, JACK AND BORE FOR CONDUIT PLACEMENT.

LEGEND

- REMOVE AND REPLACE EXISTING PAVEMENT
- NEW PAVEMENT PER APPLICABLE KEYED NOTE BELOW
- 4" TEMPORARY PAVEMENT, TYPE SP III

KEYED NOTES

- BUILD ARTERIAL PAVEMENT PER ARTERIAL SECTION, SHEET 18.
- BUILD COLLECTOR PAVEMENT PER COLLECTOR SECTION, SHEET 18.
- BUILD STD. CURB & GUTTER PER COA STD. DWG. 2415A.
- BUILD EXTRUDED ASPHALT CURB PER COA STD. DWG. 2415B.
- BUILD 6" SIDEWALK PER COA STD. DWG. 2430.
- BUILD 8" ASPHALT PATH PER COA STD. DWG. 2415B.
- INSTALL 'SPECIAL HANDICAP RAMP' 'B'.
- BUILD MEDIAN CURB & GUTTER PER COA STD. DWG. 2415B.
- FINAL LIFT PLACEMENT OF ARTERIAL ASPHALT SEE SHEET 19 FOR DETAIL.
- INSTALL HANDICAP RAMP PER HANDICAP RAMP DETAIL 'A', SEE SHEET 19.
- BUILD MAJOR LOCAL PAVEMENT PER LOCAL SECTION DETAIL 'C', SEE SHEET 19.
- BUILD CONCRETE MEDIAN PAVING 10' BACK FROM MEDIAN NOSE AND ANYWHERE WIDTH ≤ 5 FT. PER STD. DWG. 2502. MEDIAN NOSES SHALL BE PAINTED REFLECTIVE YELLOW.
- FUTURE CURB AND GUTTER.
- EXISTING CURB AND GUTTER
- FUTURE SIDEWALK
- NOT USED THIS SHEET.

ENGINEER'S SEAL

REVISIONS

No.	Date	By	Remarks
1	02/27/06	CJS	DESIGN
2	02/27/06	JRS	DESIGN
3	02/27/06	CJS	DESIGN

Bohannon & Huston

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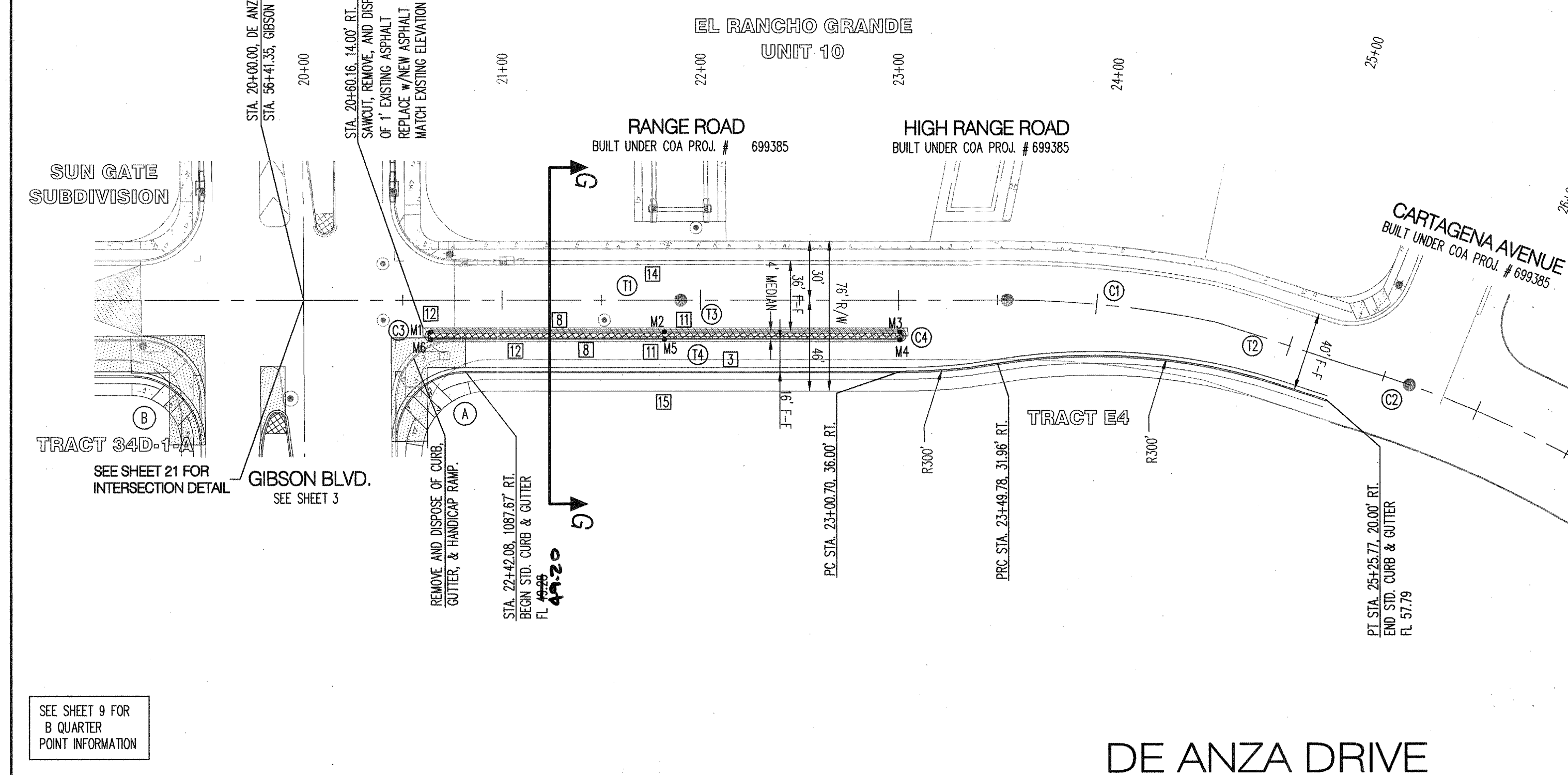
CITY OF ALBUQUERQUE

PUBLIC WORKS DEPARTMENT
 SILVERTREE VILLAGE CENTER
 MASTER INFRASTRUCTURE
 PAVING PLAN AND PROFILE-98TH STREET

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.

City Project No. **722786** Zone Map No. **N-9** Sheet **7** Of **21**

20+46.43, 71.21' RT.
PC CURB RETURN
FLOWLINE DATA
PC 46.95
1 47.55
2 48.13
3 48.71
PT 49.28
A=90°20'37"
R=35.00'
T=35.21'
L=55.19'



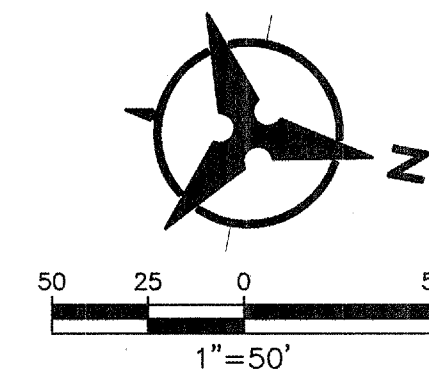
CL Curve Table				
ID	ARC	RADIUS	DELTA	TANGENT
C1	106.57'	500.00'	121°24'2"	53.49'
C2	48.09'	550.00'	05°00'35"	24.06'

CL Tangent Table		
ID	BEARING	LENGTH
T1	N10°59'18"W	354.65'
T2	N07°11'51"E	72.18'

Median Tangent Table				
ID	BEARING	LENGTH		
T3	S10°59'18"E	236.59'		
T4	S10°59'18"E	236.59'		

Median Curve Table				
ID	ARC	RADIUS	DELTA	TANGENT
C3	6.28'	2.00'	180°00'00"	-----
C4	6.23'	2.00'	178°29'32"	151.98'

Median Point Table		
STATION	OFFSET	ELEVATION
M1	20+64.11	16.00' RT, 5148.84
M2	21+81.93	16.00' RT, 5151.54
M3	23+00.70	16.00' RT, 5154.07
M4	23+00.70	20.00' RT, 5154.27
M5	21+81.93	20.00' RT, 5151.47
M6	20+64.11	20.00' RT, 5148.72



NOTES

- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
- ALL CURB RETURN RADI SHALL BE 30' UNLESS OTHERWISE SPECIFIED.
- ALL CURVE DATA AND DIMENSIONS REFER TO FACE OF CURB UNLESS OTHERWISE SPECIFIED.
- GRADE ELEVATIONS, WHERE NOTED, ARE FOR FLOWLINE OF CURB UNLESS OTHERWISE SPECIFIED.
- CONTRACTOR IS TO INSTALL A 4" 4"x 5' POST AND END AT THE END OF EACH SANITARY SEWER SERVICE.
- CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
- ANY ADDITIONAL GRADING REQUIRED TO MATCH PROPOSED STREET GRADES SHALL BE INCIDENTAL TO PAVING ITEMS.
- CONTRACTOR SHALL PROVIDE THE INSPECTORS, (CITY AND PRIVATE) WITH THE PROPOSED HYDROSTATIC TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
- CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
- ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS' EXPENSE.
- REMOVAL OF THE EXISTING CURB & GUTTER SHALL BE PER COA STD. DWG. 2415 (SANCUT ONLY).
- WHEELCHAIR RAMPS SHALL BE CONSTRUCTED PRIOR TO ACCEPTANCE OF CURB & GUTTER.
- WHERE EXISTING PAVEMENT, JACK AND BORE FOR CONDUIT PLACEMENT.

LEGEND

- REMOVE AND REPLACE EXISTING PAVEMENT
- NEW PAVEMENT PER APPLICABLE KEYED NOTE BELOW.
- 4" TEMPORARY PAVEMENT, TYPE SP III

KEYED NOTES

- BUILD ARTERIAL PAVEMENT PER ARTERIAL SECTION, SHEET 18.
- BUILD COLLECTOR PAVEMENT PER COLLECTOR SECTION, SHEET 18.
- BUILD STD. CURB & GUTTER PER COA STD. DWG. 2415A.
- BUILD EXTRUDED ASPHALT CURB PER COA STD. DWG. 2415B.
- BUILD 6" SIDEWALK PER COA STD. DWG. 2430.
- BUILD 8" ASPHALT PATH PER COA STD. DWG. 2415B.
- INSTALL SPECIAL HANDICAP RAMP 'B'.
- BUILD MEDIAN CURB & GUTTER PER COA STD. DWG. 2415B.
- FINAL LIFT PLACEMENT OF ARTERIAL ASPHALT SEE SHEET 19 FOR DETAIL.
- INSTALL HANDICAP RAMP PER HANDICAP RAMP DETAIL 'A'. SEE SHEET 19.
- BUILD MAJOR LOCAL PAVEMENT PER LOCAL SECTION DETAIL 'C', SHEET 19.
- BUILD CONCRETE MEDIAN PAVING 10' BACK FROM MEDIAN NOSE AND ANYWHERE WIDTH ≤ 5 FT. PER STD. DWG. 2502. MEDIAN NOSES SHALL BE PAINTED REFLECTIVE YELLOW.
- FUTURE CURB AND GUTTER.
- EXISTING CURB AND GUTTER.
- FUTURE SIDEWALK
- NOT USED THIS SHEET.

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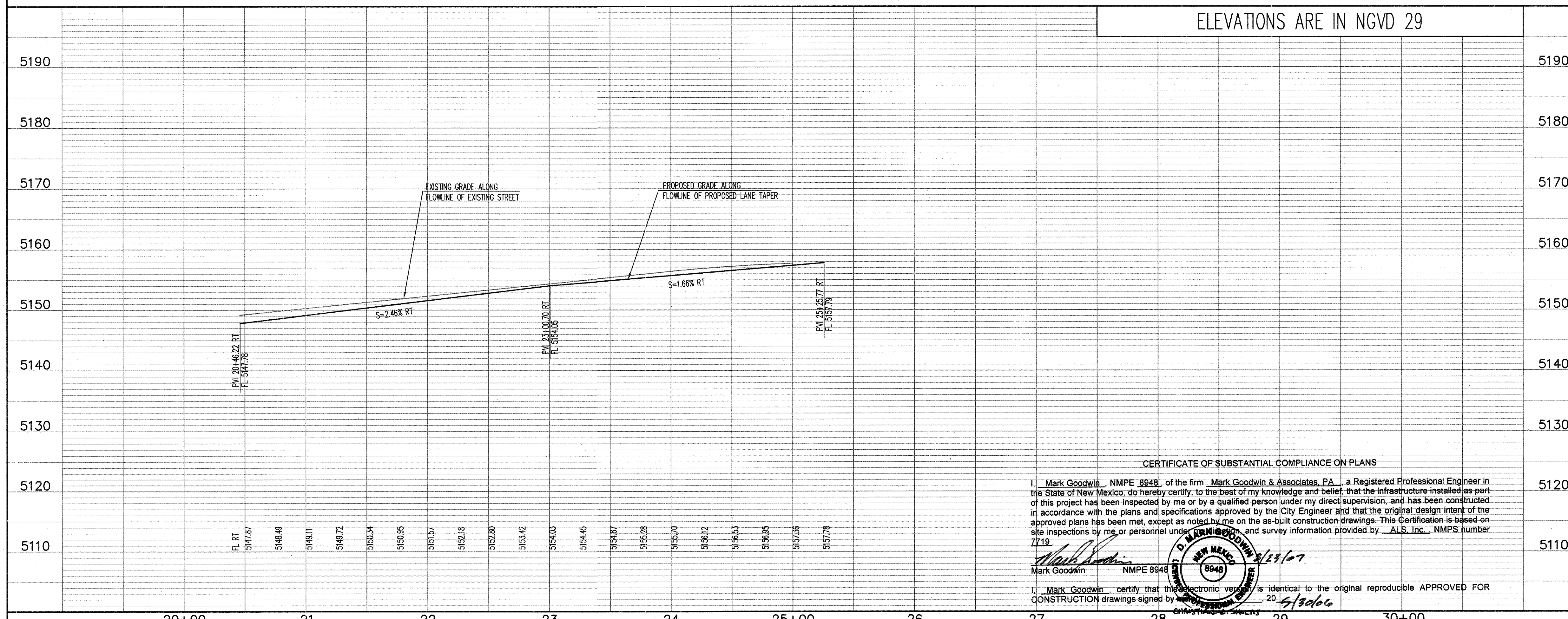


CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

SILVERTREE VILLAGE CENTER
MASTER INFRASTRUCTURE
PAVING PLAN AND PROFILE-DE ANZA DRIVE

Design Review Committee	City Engineer Approval	Mr./Day/Yr.	Mo./Day/Yr.
DESIGN REVIEW COMMITTEE	CITY ENGINEER		
DESIGN UPDATE			

City Project No. **722786** Zone Map No. **N-9** Sheet **8** Of **21**



CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

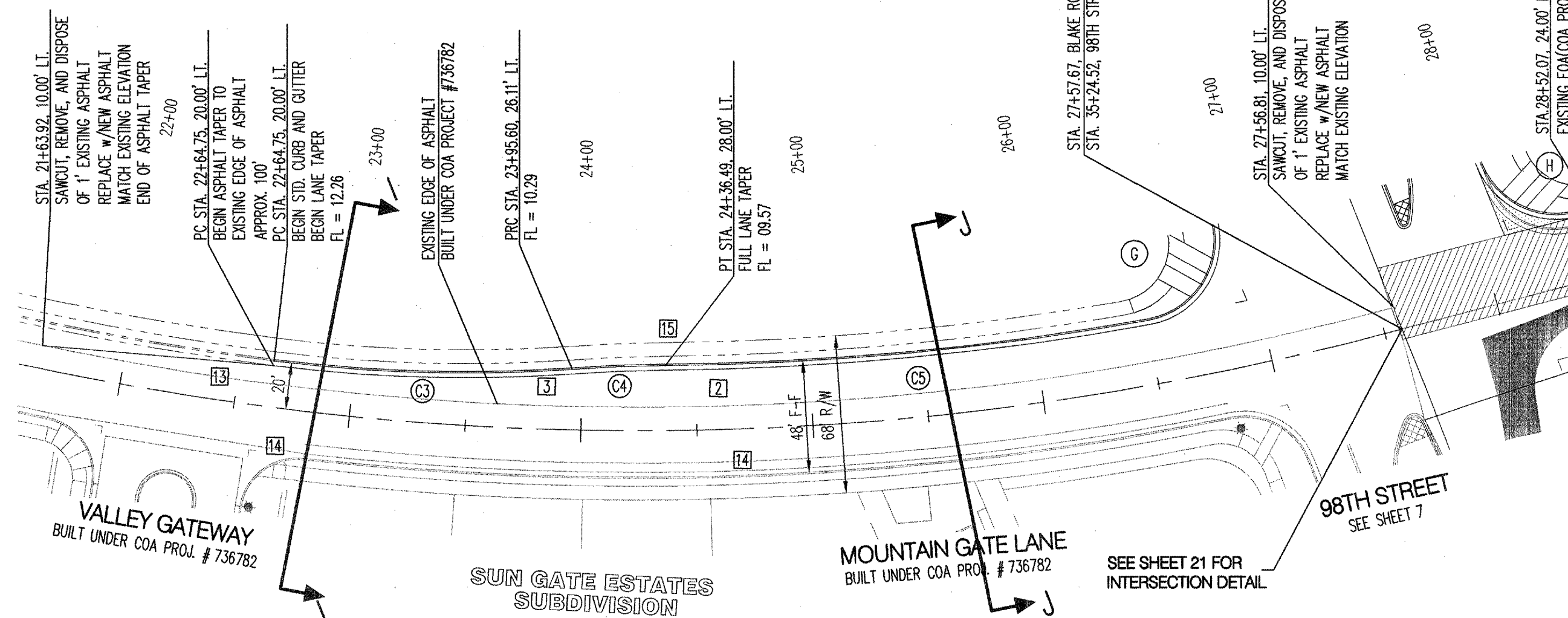
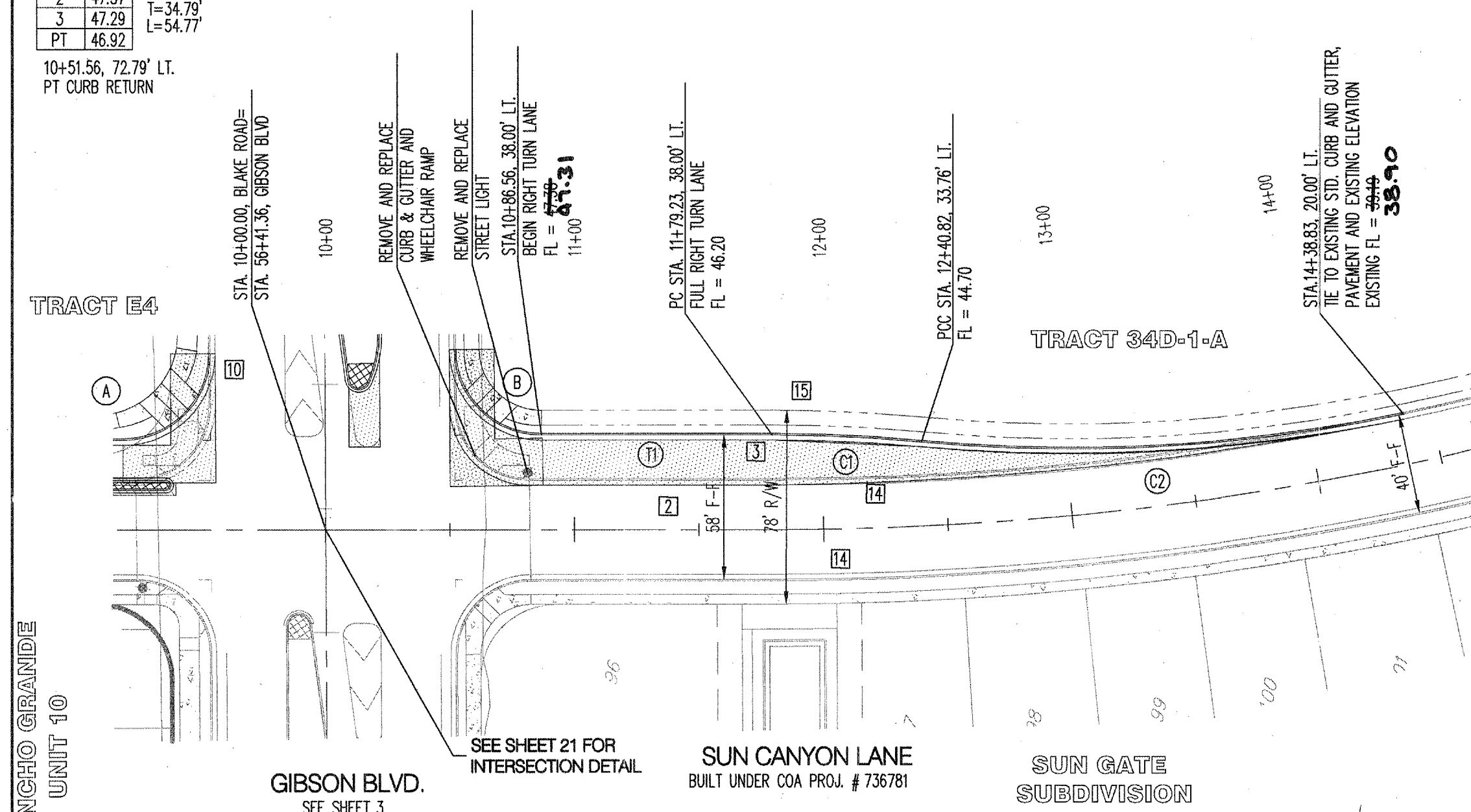
I, Mark Goodwin, NMPE 8948, of the firm Mark Goodwin & Associates, P.A., a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision, and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my supervision, and survey information provided by ALS, Inc., NMPS number 7719.

I, Mark Goodwin, certify that this electronic version is identical to the original reproducible APPROVED FOR CONSTRUCTION drawings signed by Mark Goodwin, 20 5/30/06

SEE SHEET 8 FOR
A QUARTER
POINT INFORMATION

Right Turn Curb Tangent Table			Right Turn Curb Curve Table				
ID	BEARING	LENGTH	ID	ARC	RADIUS	DELTA	TANGENT
T1	N10°59'18"W	92.67'	C1	59.99'	650.00'	05°17'18"	30.02'
			C2	194.77'	650.00'	17°10'07"	98.12'

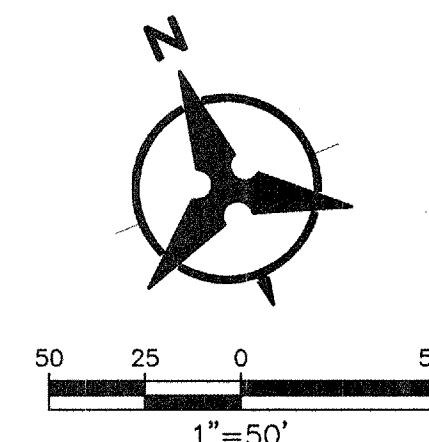
ID	ARC	RADIUS	DELTA	TANGE
C3	128.74'	650.00'	11°20'54"	64.58'
C4	40.05'	650.00'	03°31'50"	20.03'
C5	209.49'	1224.00'	09°48'22"	105.00'






CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Mark Goodwin, NMPE #9948, of the firm Mark Goodwin & Associates, PA, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision, and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction, and survey information provided by ALS, Inc., NMPS number 7719.

I, Mark Goodwin, certify that this electronic version is identical to the original reproducible APPROVED FOR CONSTRUCTION drawings signed by me on: 20 June 2014



LEGEND

- | | |
|---|--|
|  | REMOVE AND REPLACE EXISTING PAVEMENT |
|  | NEW PAVEMENT PER APPLICABLE KEYED
NOTE BELOW. |
|  | 4" TEMPORARY PAVEMENT, TYPE SP III |

KEYED NOTES

- * [1] BUILD ARTERIAL PAVEMENT PER ARTERIAL SECTION, SHEET 18.
- [2] BUILD COLLECTOR PAVEMENT PER COLLECTOR SECTION, SHEET 18.
- [3] BUILD STD. CURB & GUTTER PER COA STD. DWG. 2415A.
- * [4] BUILD EXTRUDED ASPHALT CURB PER COA STD. DWG. 2415B.
- * [5] BUILD 6' SIDEWALK PER COA STD. DWG. 2430.
- * [6] BUILD 8' ASPHALT PATH PER COA STD. DWG. 2415B.
- * [7] INSTALL SPECIAL HANDICAP RAMP 'B'.
- * [8] BUILD MEDIAN CURB & GUTTER PER COA STD. DWG. 2415B.
- * [9] FINAL LIFT PLACEMENT OF ARTERIAL ASPHALT SEE SHEET 29 FOR DETAIL.
- * [10] INSTALL HANDICAP RAMP PER HANDICAP RAMP DETAIL 'A'. SEE SHEET 29.
- * [11] BUILD MAJOR LOCAL PAVEMENT PER LOCAL SECTION DETAIL 'C', SHEET 24.
- [12] BUILD CONCRETE MEDIAN PAVING 10' BACK FROM MEDIAN NOSE AND ANYWHERE WIDTH ≤ 5 FT. PER STD. DWG. 2502. MEDIAN NOSES SHALL BE PAINTED REFLECTIVE YELLOW.
- * [13] FUTURE CURB AND GUTTER.
- [14] EXISTING CURB AND GUTTER
- [15] FUTURE SIDEWALK
- * NOT USED THIS SHEET.

Bohannon Huston INC.

Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4335
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PUBLIC WORKS DEPARTMENT

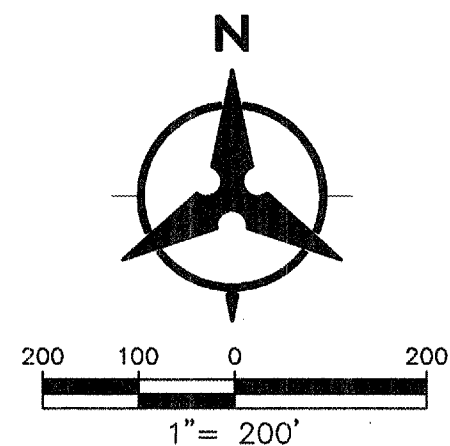
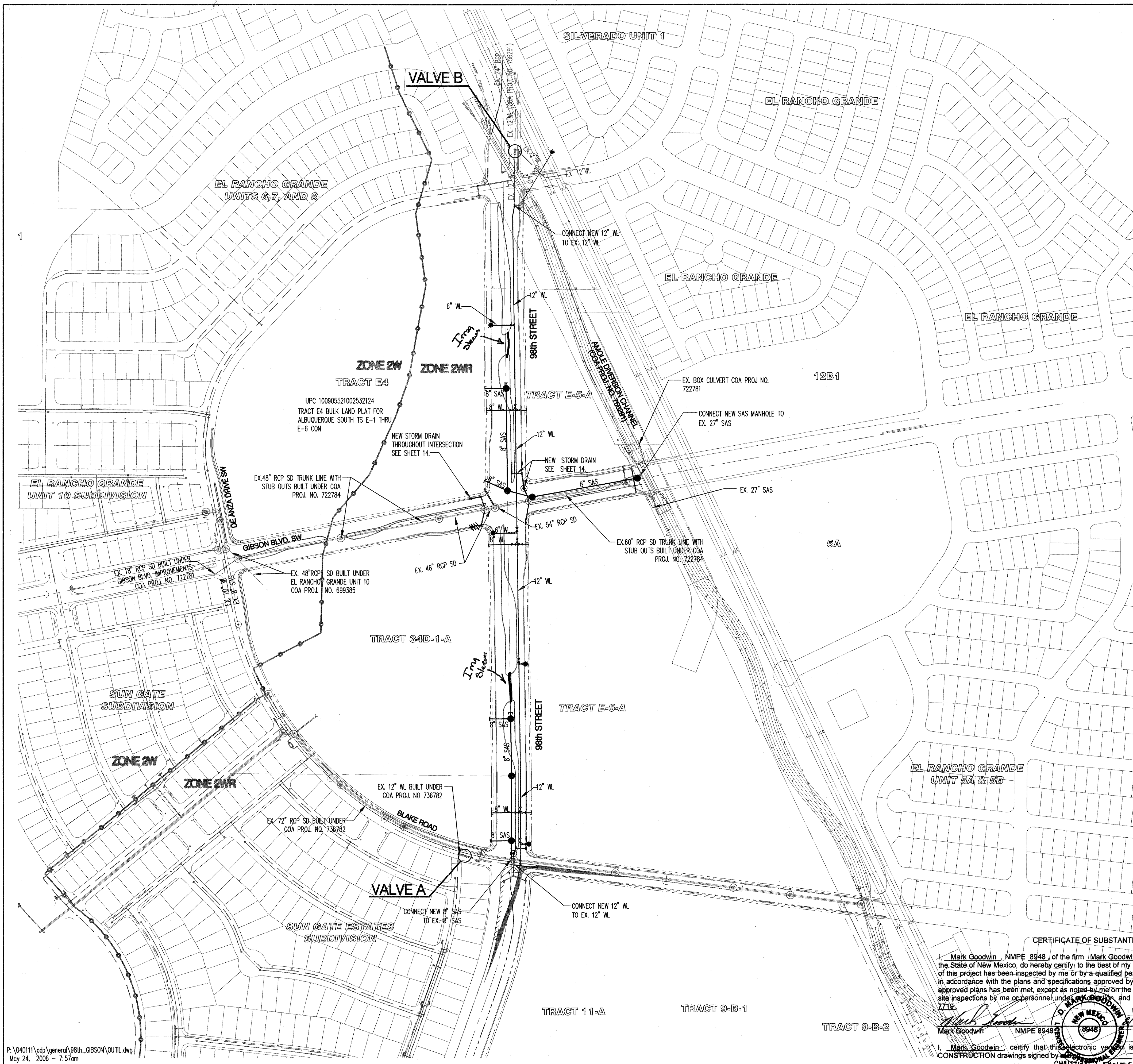
**SILVERTREE VILLAGE CENTER
MASTER INFRASTRUCTURE
PAVING PLAN AND PROFILE-BLAKE ROAD**

Design Review Committee	City Engineer Approval
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City Project No.	
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Zone Map No.	
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Sheet	Of
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MATERIALS:

SAS LINE: SDR-35 PVC
WATER LINE: C900-PVC

WATER SHUT-OFF PLAN:

FOR CONNECTION VALVE CLOSED
BLAKE ROAD VALVE A
98TH STREET VALVE B

CONTRACTOR WILL BE RESPONSIBLE FOR FLUSHING, DISINFECTING, AND TESTING THE LINES AS REQUIRED BY THE CITY OF ALBUQUERQUE.

WATER SHUT-OFF REQUIREMENTS:

CONTRACTOR WILL BE RESPONSIBLE FOR THE TIMING AND COORDINATION OF THE WATER SHUT-OFF REQUIREMENTS IN CONJUNCTION WITH THE COMPLETION OF CONNECTIONS. AT LEAST SEVEN (7) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL CONTACT THE CITY OF ALBUQUERQUE (857-8200) TO INITIATE IMPLEMENTATION OF THIS WATER SHUT-OFF PLAN. CONTRACTOR SHALL NOT OPERATE VALVES ON THE PROJECT.

RESTRAINED JOINT TABLE

FITTING	LENGTH TO BE RESTRAINED (FT.)			ALONG RUN
	(6")	(8")	(12")	
12" X 12" X 12" TEE			25'	20'
12" X 12" X 8" TEE		1'	20'	20'
12" X 12" X 6" TEE	1'		20'	20'
12" X 8" CROSS		1'	20'	
DEAD END/VALVE	55'	72'	102'	
11.25' BEND (HORIZ.)			5'	
22.50' BEND (VERT.)			21'	

JOINT RESTRAINT NOTES:

- ALL MECHANICAL JOINTS SHALL BE RESTRAINED AT THE FITTING.
- THE CONTRACTOR SHALL PROVIDE A MINIMUM PIPE LENGTH OF 20 LF FROM ALL MECHANICAL JOINTS. ALL PIPE JOINTS WITHIN 20 LF OF MJ SHALL BE RESTRAINED AT THE CONTRACTORS EXPENSE.
- THE CONTRACTOR SHALL RESTRAIN ALL PIPE JOINTS IN THE SPECIFIED DISTANCE LISTED IN THE TABLE. (SEE NOTE 2).
- THE CONTRACTOR SHALL RESTRAIN ALL FIRE HYDRANT JOINTS FROM THE TEE ON THE MAIN TO THE FIRE HYDRANT FLANGE.
- ALL CAPS SHALL UTILIZE PCC BLOCKING, UNLESS OTHERWISE NOTED.
- RESTRAINED LENGTH IS FROM LARGE SIDE ON ALL REDUCERS.
- RESTRAIN ALL JOINTS BETWEEN UPPER AND LOWER VERTICAL BENDS.
- JOINT RESTRAINT LENGTH SHOWN FOR TEES REFERS TO THE BRANCH SECTION CASES.

GENERAL NOTES

- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
- ALL CURVE DATA AND DIMENSIONS ARE CALCULATED FROM CENTERLINE OF PIPE OR MANHOLE. ALL SAS & SD SLOPES ARE CALCULATED TO TRUE PIPE DIMENSIONS FROM INVERT TO INVERT. (PAY ITEMS ARE SHOWN IN PARENTHESES)
- GRADE ELEVATIONS, WHERE NOTED, ARE FOR FLOWLINE OF CURB UNLESS OTHERWISE SPECIFIED.
- CONTRACTOR IS TO INSTALL A 4" X 4" X 5' POST AND END AT THE END OF EACH SANITARY SERVICE.
- CONTRACTOR IS TO INSTALL EMD'S ON WATER LINE APPURTENANCES (VALVES, BENDS, TEES, etc.) AS PER COA SPEC 801.9.10 AND 170.4.2.
- CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
- CONTRACTOR SHALL PROVIDE THE INSPECTORS WITH THE PROPOSED TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
- CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
- ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTORS EXPENSE.
- M/RIMS & CATCH BASIN INLET ELEVATIONS, VALVE BOXES, ARV, FIRE HYDRANT & FLANGE ELEVATIONS ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY AND ADJUST TO FINAL PAVEMENT GRADES.
- SAS STATIONING FOLLOWS CL OF ROAD UNLESS OTHERWISE NOTED.
- FLOWLINE ELEVATIONS FOR DROP INLETS ARE PROJECTED FROM FLOWLINE OF STANDARD CURB TO MIDDLE OF DOWNGRILL GRATE.
- ALL WATERLINE APPURTENANCES SHALL USE RESTRAINED JOINTS.
- FOR STORM DRAIN CONSTRUCTION: ALL RCP JOINTS SHALL NOT BE GROUDED PRIOR TO FINAL INSPECTION. FINAL INSPECTION SHALL DETERMINE WHICH JOINTS ARE TO BE GROUDED FOR FINAL ACCEPTANCE OF THE CONSTRUCTION.
- ALL EXCAVATION, TRENCHING AND SHORING ACTIVITIES MUST BE CARRIED-OUT IN ACCORDANCE WITH OSHA 29 CFR 1926.650 SUBPART P.

LEGEND

—	PROPERTY LINE
—	NEW EASEMENT
— SAS —	EXISTING SANITARY SEWER
— W —	EXISTING WATER LINE
—	EXISTING STORM DRAIN
—	EXISTING WATER ZONE LINE
⊠	EXISTING WATER METER
⊠	EXISTING CAP
⊠	EXISTING VALVE
⊠	EXISTING FIRE HYDRANT
⊠	EXISTING SANITARY SEWER MANHOLE
⊠	EXISTING STORM DRAIN
— SAS —	PROPOSED SANITARY SEWER
— WL —	PROPOSED WATER LINE
⊠	PROPOSED VALVE
⊠	PROPOSED HYDRANT
⊠	PROPOSED CAP
⊠	PROPOSED WATER METER
⊠	PROPOSED SANITARY SEWER MANHOLE
⊠	PROPOSED STORM DRAIN
★	PROPOSED STREET LIGHT

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	ACS BRASS TABLET STAMPED "TRANS"	DATE	BY	NO.		REMARKS DESIGN
INSPECTOR	DATE	Geographic Position (NAD 1927)	DATE	NO.			
FIELD SURVEY	DATE	N.M. State Plane Coordinates (Central Zone)	DATE	NO.			
CORRECTED BY	DATE	X= 354,899.45 Y= 1,471,822.67					
MICROFILM INFORMATION		Ground-to-Grid Factor = 0.99967921					
RECORDED BY	DATE	400 = -00'16"42"					
NO.		SID 1929 Elevation = 5118.43					

Bohannon & Huston
Courtney I. 7500 Jefferson St. NE Albuquerque, NM 87109-4335
ENGINEERING • SPATIAL DATA • ADVANCED TECHNOLOGIES

**CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT**

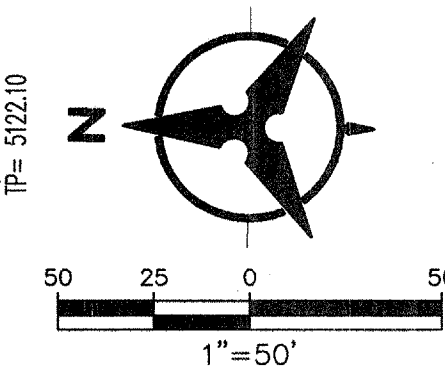
**SILVERTREE VILLAGE CENTER
MASTER INFRASTRUCTURE
OVERALL UTILITY PLAN**

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
City Project No.	Zone Map No.	Sheet	Of
722786	N-9	10	21

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Mark Goodwin, NMPE 8948, of the firm Mark Goodwin & Associates, P.A., a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision, and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direct supervision, and survey information provided by ALS, Inc., NMPS number 7719.

I, Mark Goodwin, certify that this electronic version is identical to the original reproducible APPROVED FOR CONSTRUCTION drawings signed by Mark Goodwin on 5/30/06.



98TH STREET












ELEVATIONS ARE IN NGVD 29

3. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
4. ALL CURVE DATA AND DIMENSIONS ARE CALCULATED FROM CENTERLINE OF PIPE OR MANHOLE. ALL $\frac{1}{4}$ " AND $\frac{1}{2}$ " SLOPES ARE CALCULATED TO TRUE PIPE DIMENSIONS FROM INVERT TO INVERT. (PAY ITEMS ARE SHOWN IN PARENTHESES)
5. GRADE ELEVATIONS, WHERE NOTED, ARE FOR FLOWLINE OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.
6. CONTRACTOR IS TO INSTALL A 4' X 4' X 4' X 5' POST AND END AT THE END OF EACH SANITARY SEWER SERVICE.
7. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR REPLACEMENT OF ALL UTILITY CONDUITS AND EXISTING LINES.
8. CONTRACTOR SHALL PROVIDE THE INSPECTORS WITH THE PROPOSED TESTING PLAN. THE PLAN MUST BE APPROVED BEFORE TESTING OPERATIONS BEGIN.
9. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES AS NOT TO INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON SITE.
10. ANY DAMAGE TO THE EXISTING FACILITIES (CURB & GUTTER, PAVEMENT, CONDUITS, LANDSCAPING, UTILITY LINES, ETC.) DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
11. MH RWS & CATCH BASIN INLET ELEVATIONS, FIRE HYDRANT & FLANGE ELEVATIONS, ARE APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY AND ADJUST TO FINAL PAVEMENT GRADES.
12. AS STATIONING FOLLOWS CL OF ROAD UNLESS OTHERWISE NOTED.
13. STATIONING OF DROP INLET IS TO MIDDLE OF DOWN HILL GRADE AT FACE OF CURB.
14. FLOWLINE ELEVATIONS FOR DROP INLETS ARE PROJECTED FROM FLOWLINE OF MAIN WATER CURB TO MIDDLE OF DOWNHILL GRADE.
15. ALL WATERLINE APPURTENANCES SHALL USE RESTRAINED JOINTS.
16. FOR STORM DRAIN CONSTRUCTION: ALL RCP JOINTS SHALL NOT BE GROUTED PRIOR TO FINAL INSPECTION. FINAL INSPECTION SHALL DETERMINE WHICH JOINTS ARE TO BE GROUTED FOR FINAL ACCEPTANCE OF THE CONSTRUCTION.
17. ELECTRONIC MARKER DISCS (EMD) WILL BE PLACED ACCORDING TO SECTION 17.0 OF THE STANDARD SPECIFICATIONS.

- | SURVEY INFORMATION | | | | | | BENCH MARKS | AS-BUILT INFORMATION | | | | | | | | | |
|--------------------|-------------|------|--|--|--|-------------|----------------------|--|--|--|--|--------------------------|--------------|--|--|--|
| | FIELD NOTES | | | | | | | | | | | | | | | |
| No. | BY | DATE | | | | | | | | | | CONTRACTOR
STAMPED BY | WORK
DATE | | | |
| | | | ACS BRASS TABLET STAMPED "TRANS" | | | | | | | | | PMS | | | | |
| | | | Geographic Position (NAD 1927) | | | | | | | | | PMS | | | | |
| | | | N.M. State Plane Coordinates (Central Zone)
X = 354-899.45 Y = 1,471,822.67 | | | | | | | | | PMS | | | | |
| | | | Ground-to-Grid Factor = 0.99967921 | | | | | | | | | PMS | | | | |
| | | | $\Delta CC = -00'16''.42''$ | | | | | | | | | MICRO-FILM INFORMATION | | | | |
| | | | | | | | | | | | | RECORDED BY | DATE | | | |
| | | | | | | | | | | | | N.O. | | | | |
| | | | SLD 1929 Elevation = 5118.43 | | | | | | | | | | | | | |

ENGINEER'S SEAL

CHRISTIAN J. SHOLTIS
NEW MEXICO
16244
LICENSED PROFESSIONAL ENGINEER
S-30-06

- ### LEGEND
- | | |
|---|--------------------------|
|  | DOUBLE WATER METER |
|  | SINGLE WATER METER |
|  | WATER LINE SHUTOFF VALVE |
|  | WATER LINE TEE |
|  | SAS LATERAL |
|  | SAS MANHOLE |
|  | STORM DRAIN MANHOLE |
|  | STORM DRAIN INLET |
|  | PROPOSED FIRE HYDRANT |
|  | EXISTING WATER VALVE |
|  | PROPOSED STREET LIGHT |

Bohannon  **Huston** INC.
 Courtyard I 7600 Jefferson St. NE Albuquerque, NM 87109-4400
 ENGINEERING ▲ SPATIAL DATA ▲ ADVANCED TECHNOLOGY



CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

**SILVERTREE VILLAGE CENTER
MASTER INFRASTRUCTURE
UTILITY PLAN AND PROFILE-98TH STREET**

Design Review Committee

City Engineer Approval

te	Mo./Day/Yr.	Mo./Day/Yr.
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PREVIEW OF THE NEW

CITY ENGINEER

Project Design Update		

	City Project No.
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Zone Map No.	9
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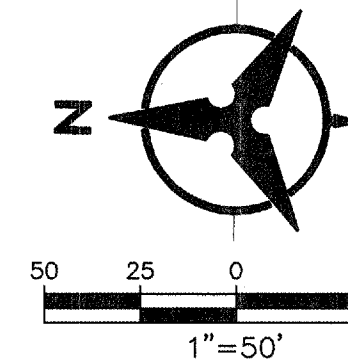
Sheet Of

722786

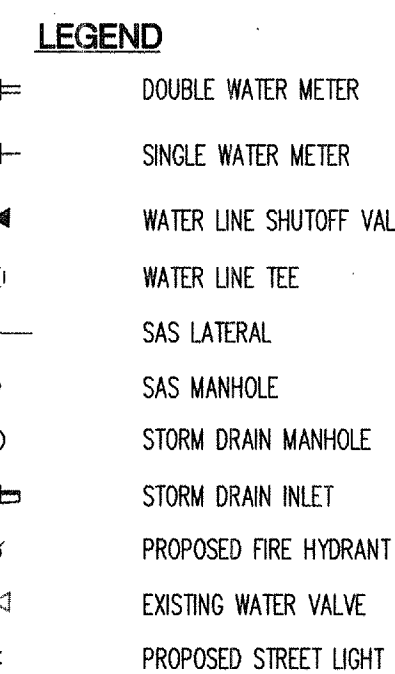
Zone Map No.
N-9


Sheet 11 of 21

ID	BEARING	LENGTH
T14	N00°52'33"W	37.07'
T15	S89°12'01"W	39.32'
T16	N00°47'21"W	36.00'
T17	N08°15'09"W	57.94'
T18	N22°13'22"W	45.92'
T19	S09°40'24"W	75.96'



ELEVATIONS ARE IN NGVD 29





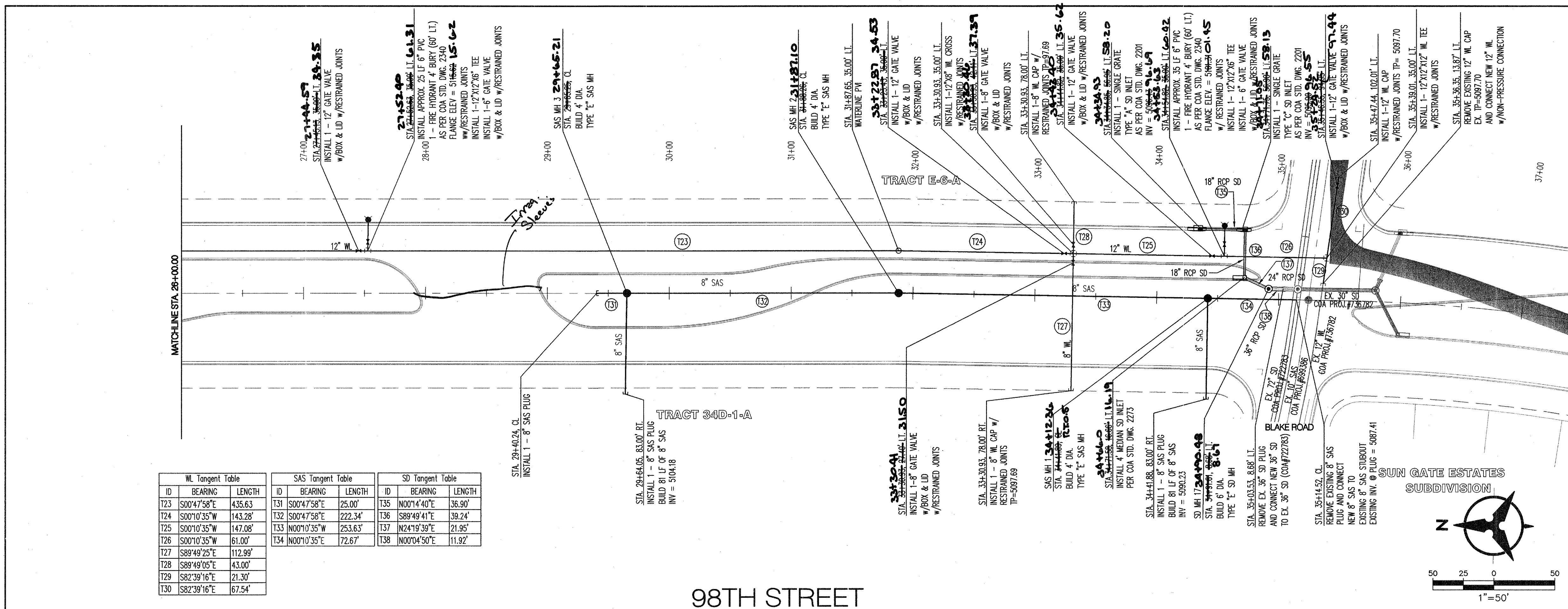
 Mark Goodwin NMPE 8948

I, Mark Goodwin, certify that this electronic version is identical to the original reproducible APPROVED FOR CONSTRUCTION drawings signed by me on 20-10-11.

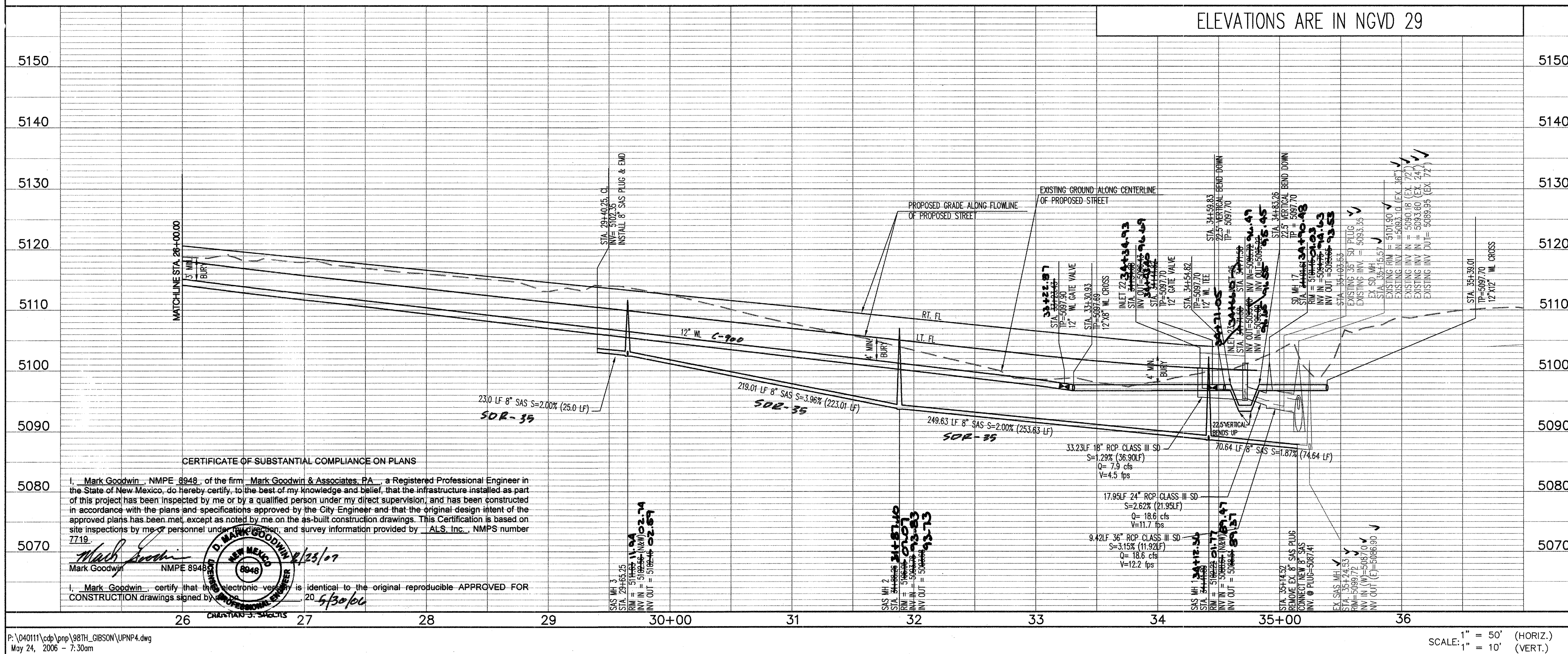
el under the direction, and survey into

D. MARSH DODWIN 8/23/07
NEW MEXICO
8948
LICENSED PROFESSIONAL ENGINEER
this electronic version is identical
by ~~XXXX~~, 20 5/30
CHRISTIAN D. SOLTIS

Sheet	12	Of	21
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W. Tangent Table			SAS Tangent Table			SD Tangent Table		
ID	BEARING	LENGTH	ID	BEARING	LENGTH	ID	BEARING	LENGTH
123	S00°47'58"	435.63	131	S00°47'58"	25.00'	135	N00°14'40"	36.90'
124	S00°10'35"	143.28'	132	S00°47'58"	222.34'	136	S89°49'41"	39.24'
125	S00°10'35"	147.08'	133	N00°10'35"W	253.63'	137	N24°19'39"	21.95'
126	S00°10'35"	61.00'	134	N00°10'35"W	72.67'	138	N00°04'50"	11.92'
127	S89°49'25"	112.95'						
128	S89°49'05"	43.00'						
129	S82°39'16"	21.30'						
130	S82°39'16"	67.54'						



- ### GENERAL NOTES
1. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES.
 2. ALL CURVE DATA AND DIMENSIONS ARE CALCULATED FROM CENTERLINE OF PIPE OR MANHOLE. ALL SAS & SD SLOPES ARE CALCULATED TO TRUE PIPE DIMENSIONS FROM INVERT TO INVERT. (PAY ITEMS ARE SHOWN IN PARENTHESES)
 3. GRADE ELEVATIONS, WHERE NOTED, ARE FOR FLOWLINE OF STANDARD CURB UNLESS OTHERWISE SPECIFIED.
 4. CONTRACTOR IS TO INSTALL A 4\"/>

SURVEY INFORMATION			BENCH MARKS			AS-BUILT INFORMATION		
NO.	BY	DATE	NO.	BY	DATE	NO.	BY	DATE

ENGINEER'S SEAL

NEW MEXICO
16244
S-30-06

CHRISTIAN J. SLOTTIS
REGISTERED PROFESSIONAL ENGINEER

REVISIONS		REMARKS	
No.	Date	By	Remarks

Bohannon & Huston

Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4386

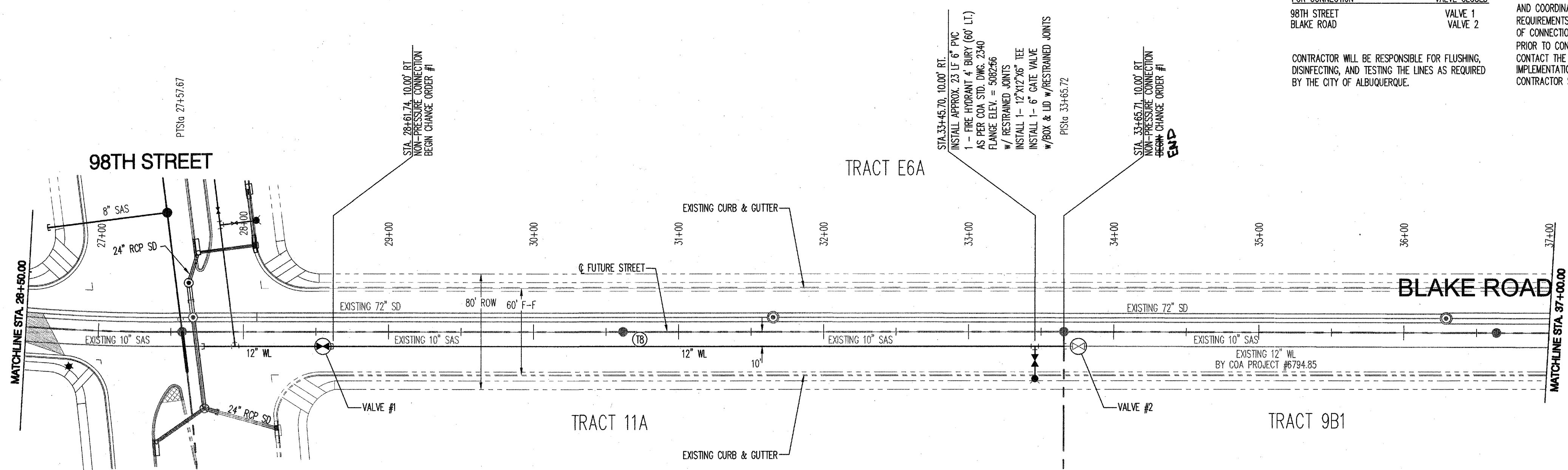
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CITY OF ALBUQUERQUE

PUBLIC WORKS DEPARTMENT

SILVERTREE VILLAGE CENTER
MASTER INFRASTRUCTURE
UTILITY PLAN AND PROFILE-98TH STREET

Design Review Committee: City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
City Project No. 722786	Zone Map No. N-9	Sheet 13 Of 21



WATER SHUT-OFF PLAN:

FOR CONNECTION VALVE CLOSED
88TH STREET VALVE 1
BLAKE ROAD VALVE 2

CONTRACTOR WILL BE RESPONSIBLE FOR FLUSHING, DISINFECTING, AND TESTING THE LINES AS REQUIRED BY THE CITY OF ALBUQUERQUE.

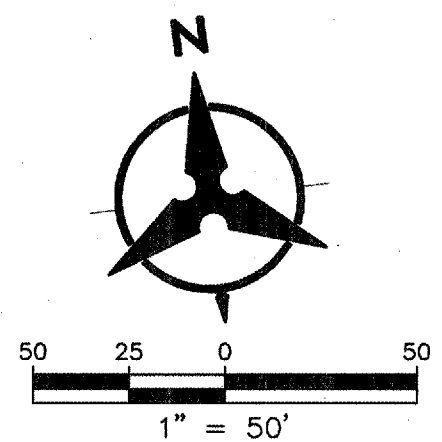
WATER SHUT-OFF REQUIREMENTS:

CONTRACTOR WILL BE RESPONSIBLE FOR THE TIMING AND COORDINATION OF THE WATER SHUT-OFF REQUIREMENTS IN CONJUNCTION WITH THE COMPLETION OF CONNECTIONS. AT LEAST SEVEN (7) WORKING DAYS PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL CONTACT THE CITY OF ALBUQUERQUE (857-8200) TO INITIATE IMPLEMENTATION OF THIS WATER SHUT-OFF PLAN. CONTRACTOR SHALL NOT OPERATE VALVES ON THE PROJECT.

GENERAL NOTES

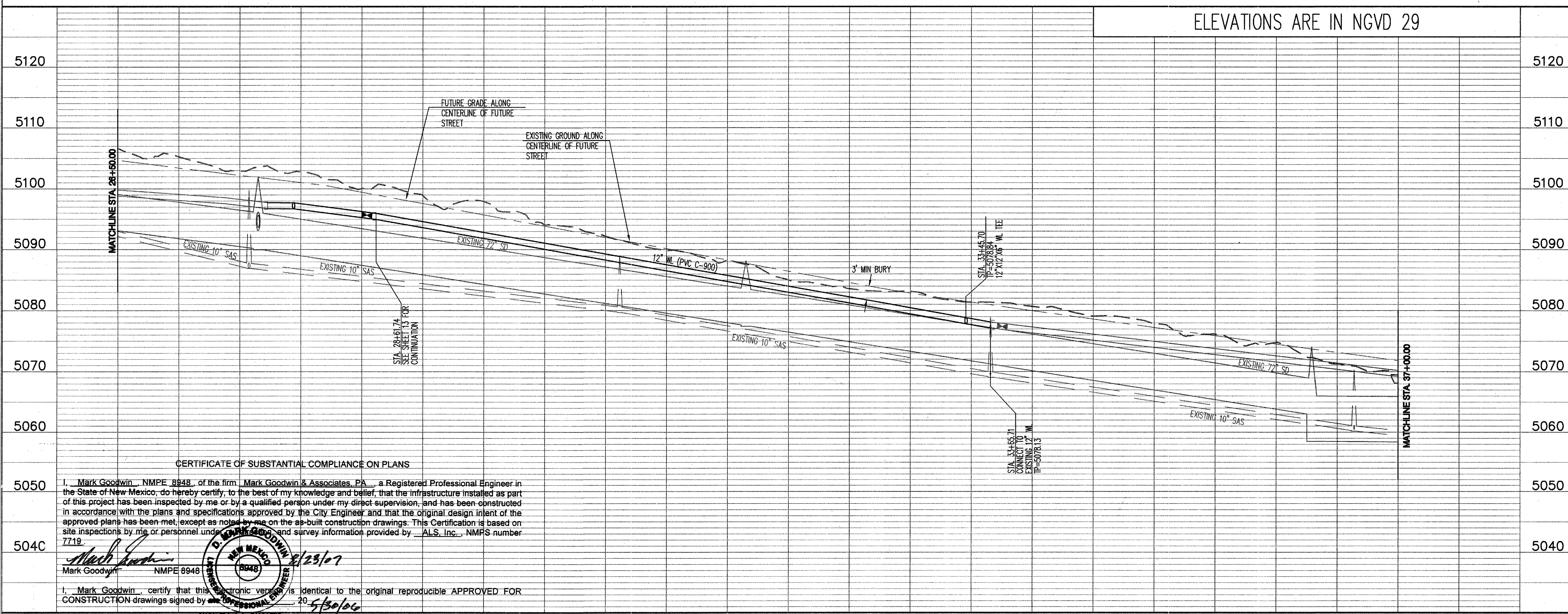
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- SAS STATIONING FOLLOWS CL OF ROAD UNLESS OTHERWISE NOTED.
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- FLOWLINE ELEVATIONS FOR DROP INLETS ARE PROJECTED FROM FLOWLINE OF STANDARD CURB TO MIDDLE OF DOWNHILL GRATE.
- ALL WATERLINE APPURTENANCES SHALL USE RESTRAINED JOINTS.
- FOR STORM DRAIN CONSTRUCTION: ALL ROP JOINTS SHALL NOT BE GROUTED PRIOR TO FINAL INSPECTION. FINAL INSPECTION SHALL DETERMINE WHICH JOINTS ARE TO BE GROUTED FOR FINAL ACCEPTANCE OF THE CONSTRUCTION.
- ELECTRONIC MARKER DISCS (EMD) WILL BE PLACED ACCORDING TO SECTION 170, OF THE STANDARD SPECIFICATIONS.

ID	BEARING	LENGTH
18	S82°39'16"E	608.10'



BLAKE ROAD

ELEVATIONS ARE IN NGVD 29



CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Mark Goodwin, NMPE 8948, of the firm Mark Goodwin & Associates, P.A., a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision, and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direct supervision and survey information provided by ALS, Inc., NMPS number 7719.

I, Mark Goodwin, certify that this electronic version is identical to the original reproducible APPROVED FOR CONSTRUCTION drawings signed by me on 5/30/06.

LEGEND

- DOUBLE WATER METER
- SINGLE WATER METER
- WATER LINE SHUTOFF VALVE
- WATER LINE TEE
- SAS LATERAL
- SAS MANHOLE
- STORM DRAIN MANHOLE
- STORM DRAIN INLET
- PROPOSED FIRE HYDRANT
- EXISTING WATER VALVE
- PROPOSED STREET LIGHT

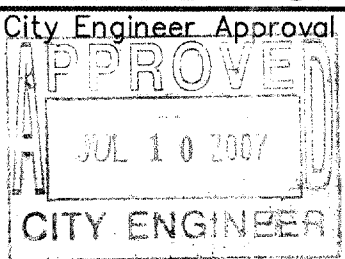
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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

SILVERTREE VILLAGE CENTER
MASTER INFRASTRUCTURE
UTILITY PLAN AND PROFILE-BLAKE ROAD

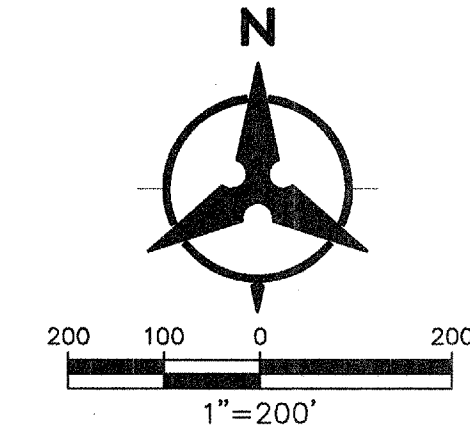


Mo./Day/Yr.	Mo./Day/Yr.

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

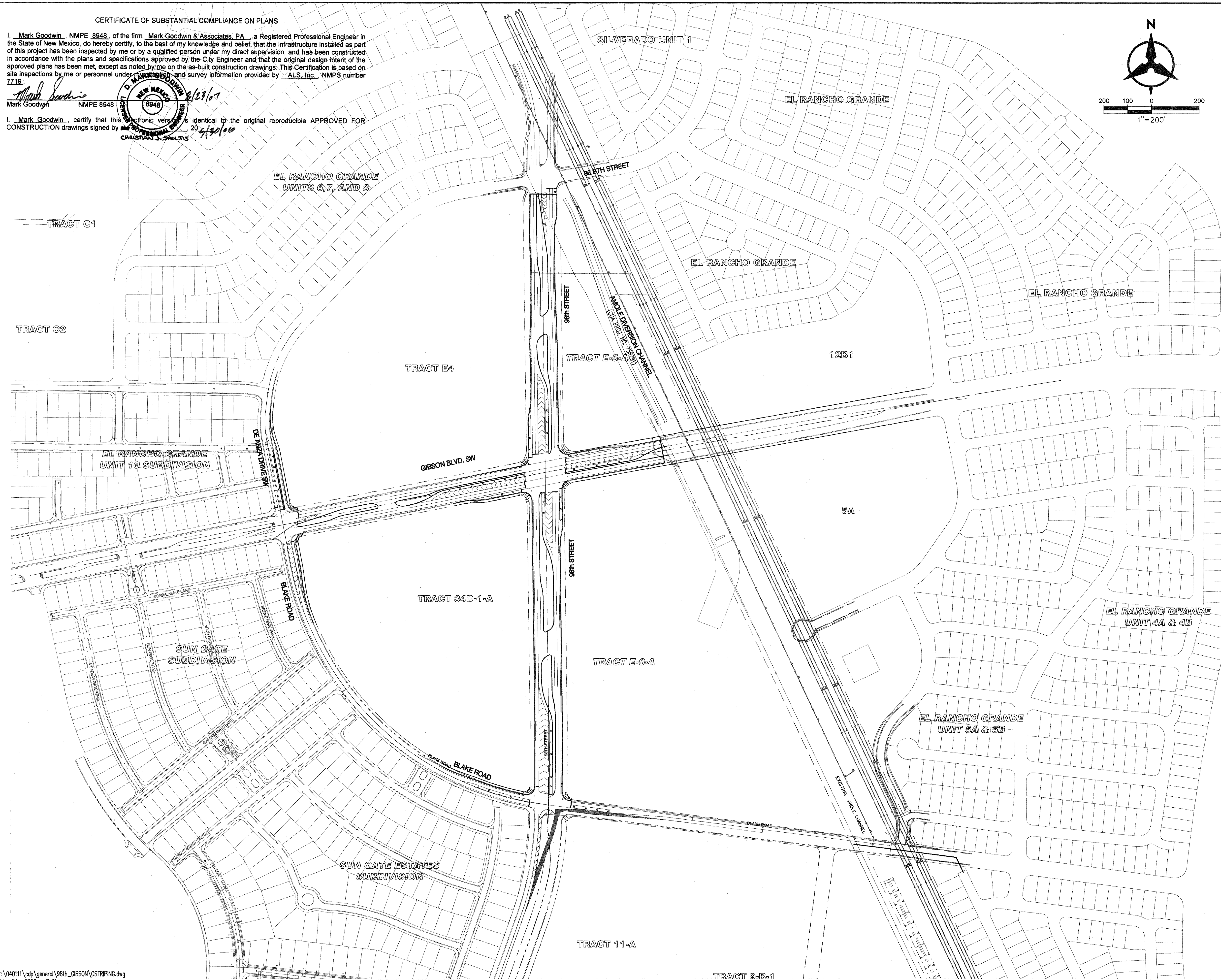
I, Mark Goodwin, NMPE 8948, of the firm Mark Goodwin & Associates, PA, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision, and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direct supervision and survey information provided by ALS, Inc., NMPS number 7719.

I, Mark Goodwin, certify that this electronic version is identical to the original reproducible APPROVED FOR CONSTRUCTION drawings signed by Mark Goodwin on 5/30/06.



GENERAL NOTES

- ALL SIGNING AND STRIPING SHALL BE INSTALLED IN ACCORDANCE WITH MUTCD LATEST EDITION.
- MEDIAN NOSES SHALL BE PAINTED YELLOW FROM THE PC TO A POINT 6' BACK FROM NOSE.
- CONTRACTOR SHALL REMOVE ALL CONFLICTING EXISTING PAVEMENT MARKINGS, STRIPING GRADICATION OR SURFACE PLANNING OF THE ROADWAY, TO A MAX DEPTH OF 1/4" AND A WIDTH EQUAL TO TWICE THE WIDTH OF THE STRIPE OR MARKING TO BE REMOVED.



LEGEND

	EXISTING R/W LINE
	EXISTING CURB & GUTTER
	PROPOSED R/W LINE
	PROPERTY LINE
	PROPOSED STANDARD CURB & GUTTER
	FUTURE CURB & GUTTER
	PROPOSED SUBDIVISION BOUNDARY
	EASEMENT
	PROPOSED STREET LIGHT
	PROPOSED STORM DRAIN MANHOLE
	PROPOSED STORM DRAIN INLET
	PROPOSED FIRE HYDRANT
	PROPOSED MAIN VALVE
	PROPOSED SAS MANHOLE
	PROPOSED WHEELCHAIR RAMP
	PROPOSED UNIDIRECTIONAL WHEELCHAIR RAMP

Bohannon & Huston
Courtney 1 7800 Jefferson St. NE Albuquerque, NM 87109-4395
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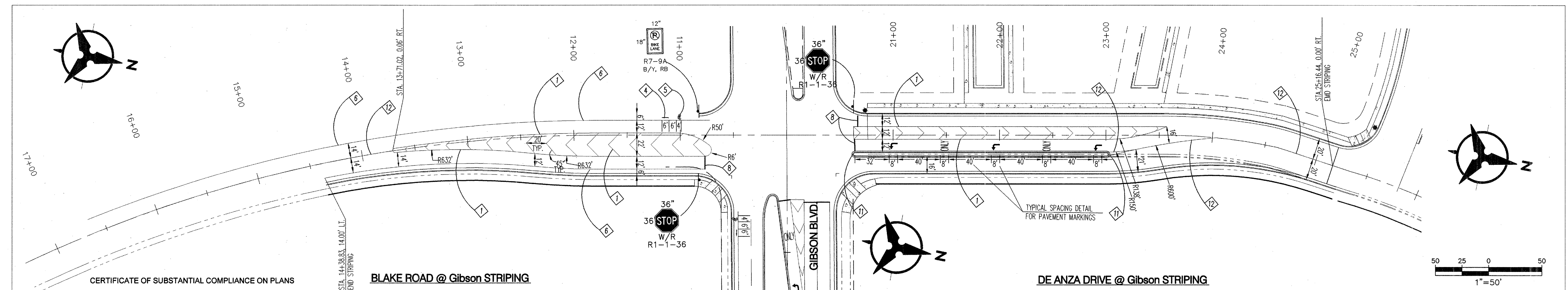
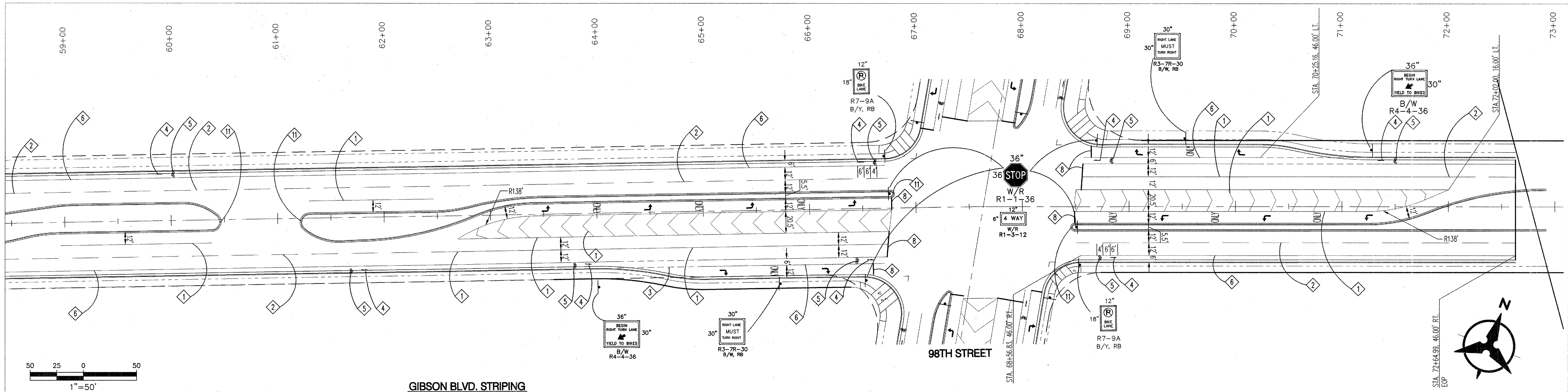
**CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT**

**SILVERTREE VILLAGE CENTER
MASTER INFRASTRUCTURE
OVERALL STRIPING PLAN**

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
City Project No.	Zone Map No.	Sheet	Of

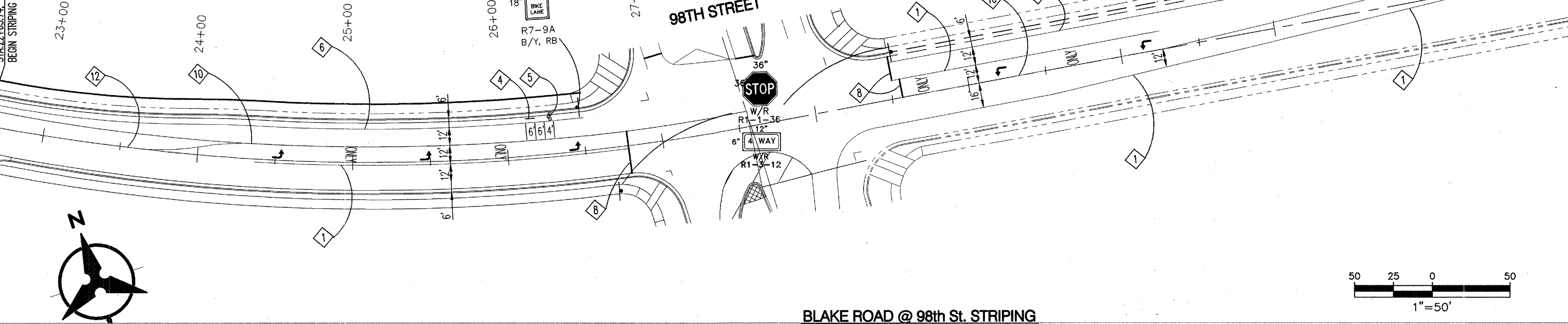
City Project No. **722786** Zone Map No. **N-9** Sheet **15** Of **21**

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I, Mark Goodwin, NMPE 8948, of the firm Mark Goodwin & Associates, P.A., a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision, and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direct supervision, and survey information provided by ALS, Inc., NMPS number 7719.

Mark Goodwin NMPE 8948
I, Mark Goodwin, certify that this electronic version is identical to the original reproducible APPROVED FOR CONSTRUCTION drawings signed by CHRISTIAN J. SHOLTS on 5/23/07.



STRIPING LEGEND

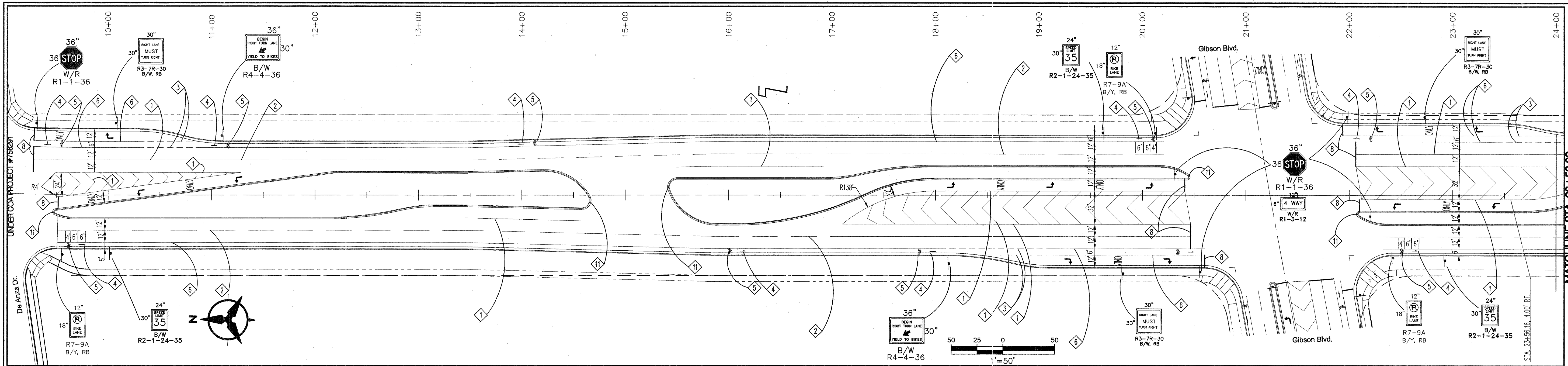
- 1 REFLECTORIZED THERMOPLASTIC PAVEMENT MARKING - 4" SOLID WHITE STRIPE
- 2 REFLECTORIZED PLASTIC PAVEMENT MARKING - 4" DASHED WHITE STRIPE (10' STRIPE W/ 30' GAP)
- 3 REFLECTORIZED PLASTIC PAVEMENT MARKING - 6" DASHED WHITE STRIPE (3' STRIPE WITH 7' GAP)
- 4 PREFORMED PAVEMENT MARKING - BICYCLE ARROW (WHITE)
- 5 PREFORMED PAVEMENT MARKING - BICYCLE RIDER SYMBOL (WHITE)
- 6 REFLECTORIZED PLASTIC PAVEMENT MARKING - 6" SOLID WHITE STRIPE
- 7 REFLECTORIZED PAINTED PAVEMENT MARKING - 4" DASHED YELLOW STRIPE (10' STRIPE WITH 30' GAP)
- 8 REFLECTORIZED PLASTIC PAVEMENT MARKING - 24" SOLID WHITE STOP BAR
- 9 PREFORMED PAVEMENT MARKING - 4" HIGH WORD "STOP"
- 10 REFLECTORIZED PLASTIC PAVEMENT MARKING - 4" SOLID YELLOW STRIPE
- 11 PAINT MEDIAN NOSES YELLOW
- 12 REFLECTORIZED PLASTIC PAVEMENT MARKING - 4" DOUBLE SOLID YELLOW STRIPE
- 13 REFLECTORIZED PLASTIC PAVEMENT MARKING - 12" SOLID WHITE STRIPE

NOTES

1. ALL SIGNING & STRIPING SHALL BE INSTALLED IN ACCORDANCE WITH MUTCD LATEST EDITION
2. MEDIAN NOSES SHALL BE PAINTED YELLOW FROM THE PC TO A PT 6' BACK FROM NOSE
3. CONTRACTOR SHALL REMOVE ALL CONFLICTING EXISTING PAVEMENT MARKINGS. STRIPING ERADICATION SHALL BE ACCOMPLISHED BY WATER BLASTING OR SURFACE PLANNING OF THE ROADWAY, TO A MAX. DEPTH OF 3" AND A WIDTH EQUAL TO TWICE THE WIDTH OF THE STRIPE OR MARKING TO BE REMOVED

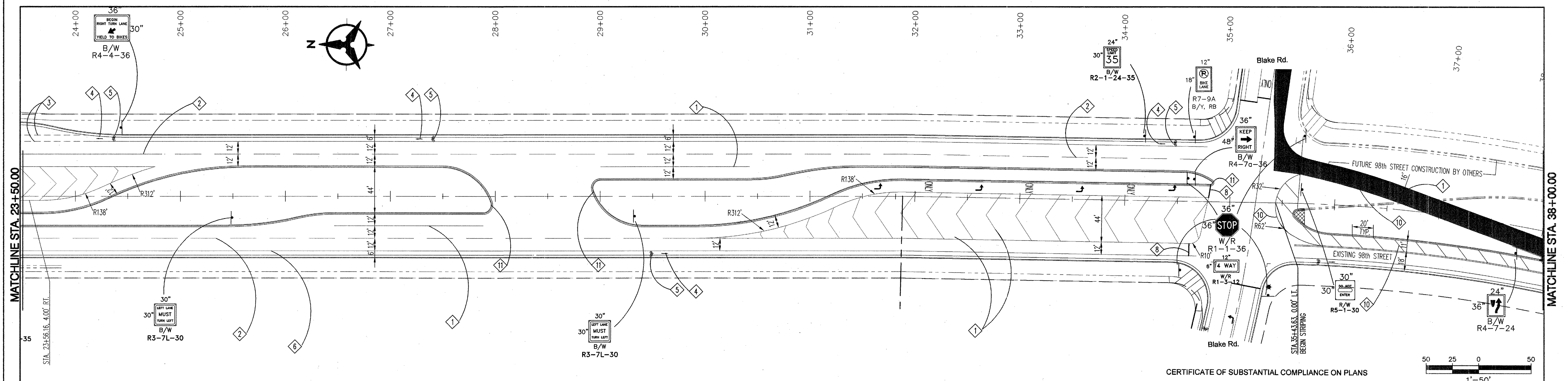
Bohannon & Huston
 Courtyard I 7800 Jefferson St NE Albuquerque, NM 87109-4395
 ENGINEERING & SPATIAL DATA & ADVANCED TECHNOLOGIES

CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT		SILVERTREE VILLAGE CENTER MASTER INFRASTRUCTURE STRIPING PLAN	
Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
City Project No.	Zone Map No.	Sheet	Of
722786	N-9	16	21



98th STREET AND DE ANZA DRIVE INTERSECTION

98th STREET AND GIBSON BLVD. INTERSECTION (See Detail Sheet 19)



98th STREET AND BLAKE ROAD INTERSECTION

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Mark Goodwin, NMPE 8948, of the firm Mark Goodwin & Associates, P.A., a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision, and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original 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 supervision, and survey information provided by ALS, Inc., NMPS number 7719.

Mark Goodwin NMPE 8948

I, Mark Goodwin, certify that this electronic version is identical to the original reproducible APPROVED FOR CONSTRUCTION drawings signed by me on 5/30/2006.

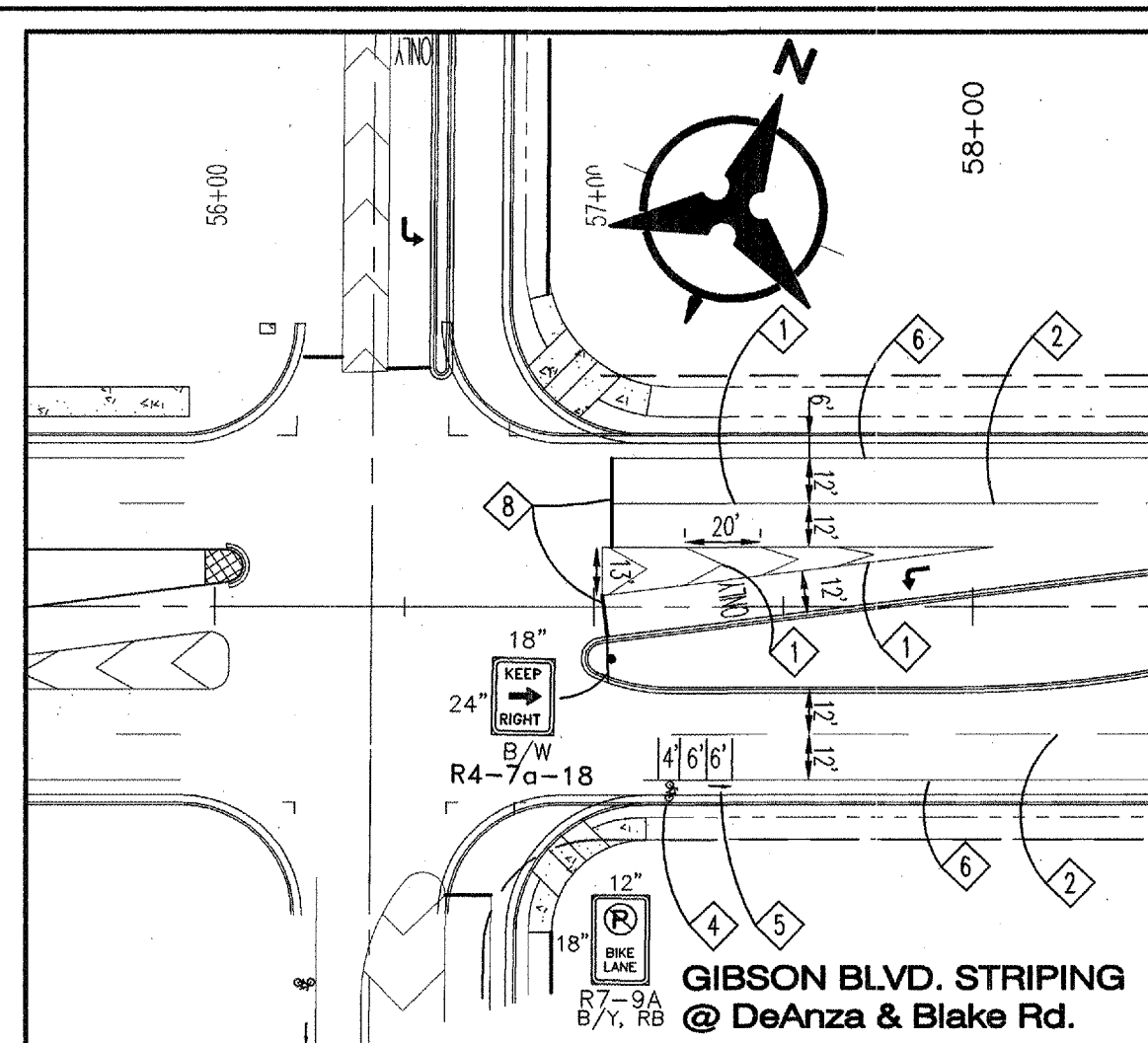
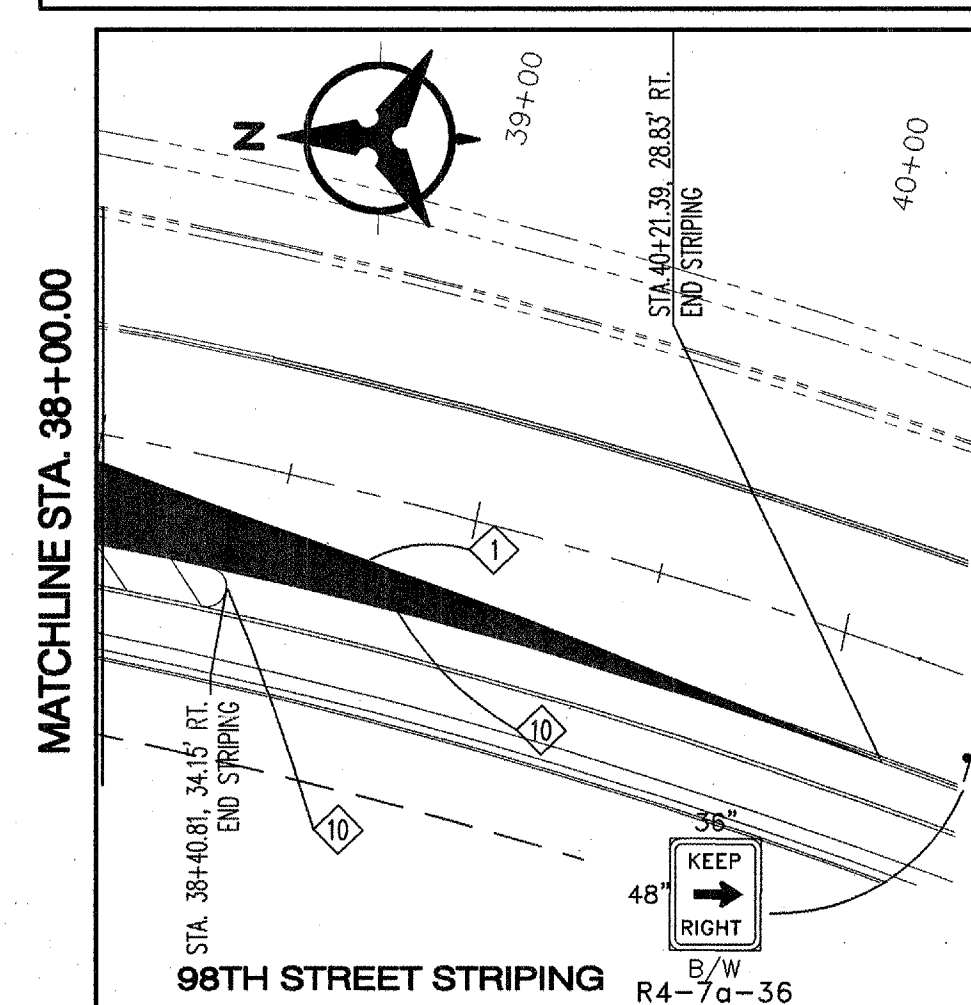
CHRISTIAN J. SPOULTS

STRIPING LEGEND

- 1 REFLECTORIZED THERMOPLASTIC PAVEMENT MARKING - 4" SOLID WHITE STRIPE
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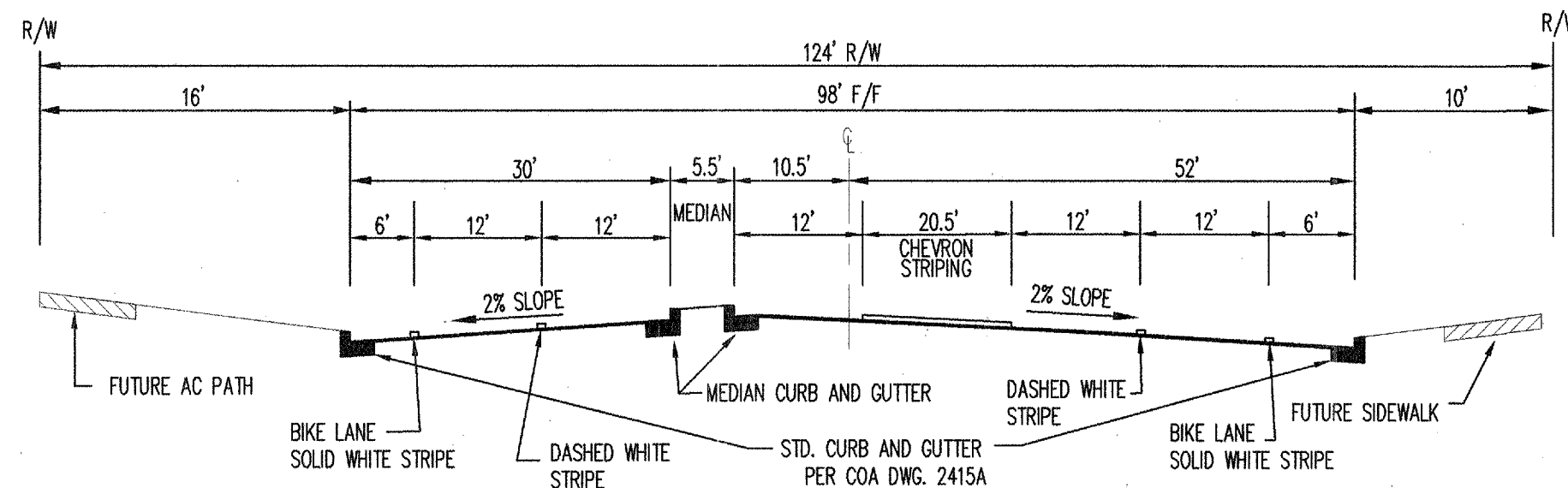
MATCHLINE STA. 58+50.00 (see sheet 16)

AS-BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL		REVISIONS		DESIGN	
CONTRACTOR	DATE	AS-BUILT	DATE	NO.	BY	DATE	DATE	NO.	DATE	DATE	DATE
ACS BRASS TABLET STAMPED "TRANS"	DATE	AS-BUILT	DATE								
INSPECTOR'S STAMP	DATE	AS-BUILT	DATE								
Geographic Position (NAD 1977)	DATE	AS-BUILT	DATE								
N.M. State Plane Coordinates (Central Zone)	DATE	AS-BUILT	DATE								
X= 354,899.45 Y= 1,471,822.67	DATE	AS-BUILT	DATE								
Ground-to-Grid Factor = 0.99967921	DATE	AS-BUILT	DATE								
Ground-to-Grid Factor = -00'16.42"	DATE	AS-BUILT	DATE								
SLD 1929 Elevation = 5118.43	DATE	AS-BUILT	DATE								
	DATE	AS-BUILT	DATE								

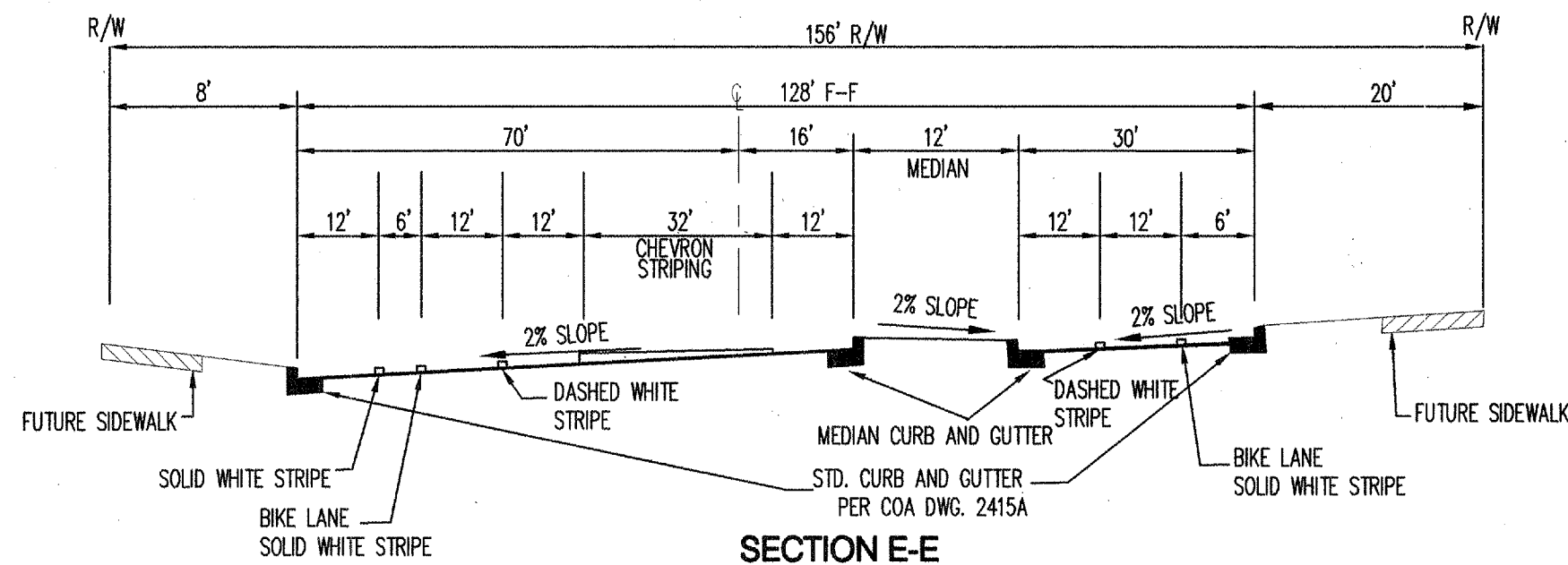
Bohannon & Huston
 Courtyard I 7500 Jefferson St. NE Albuquerque, NM 87109-4395
 ENGINEERING • SPATIAL DATA • ADVANCED TECHNOLOGIES

CITY OF ALBUQUERQUE
 PUBLIC WORKS DEPARTMENT
 SILVERTREE VILLAGE CENTER
 MASTER INFRASTRUCTURE
 STRIPING PLAN

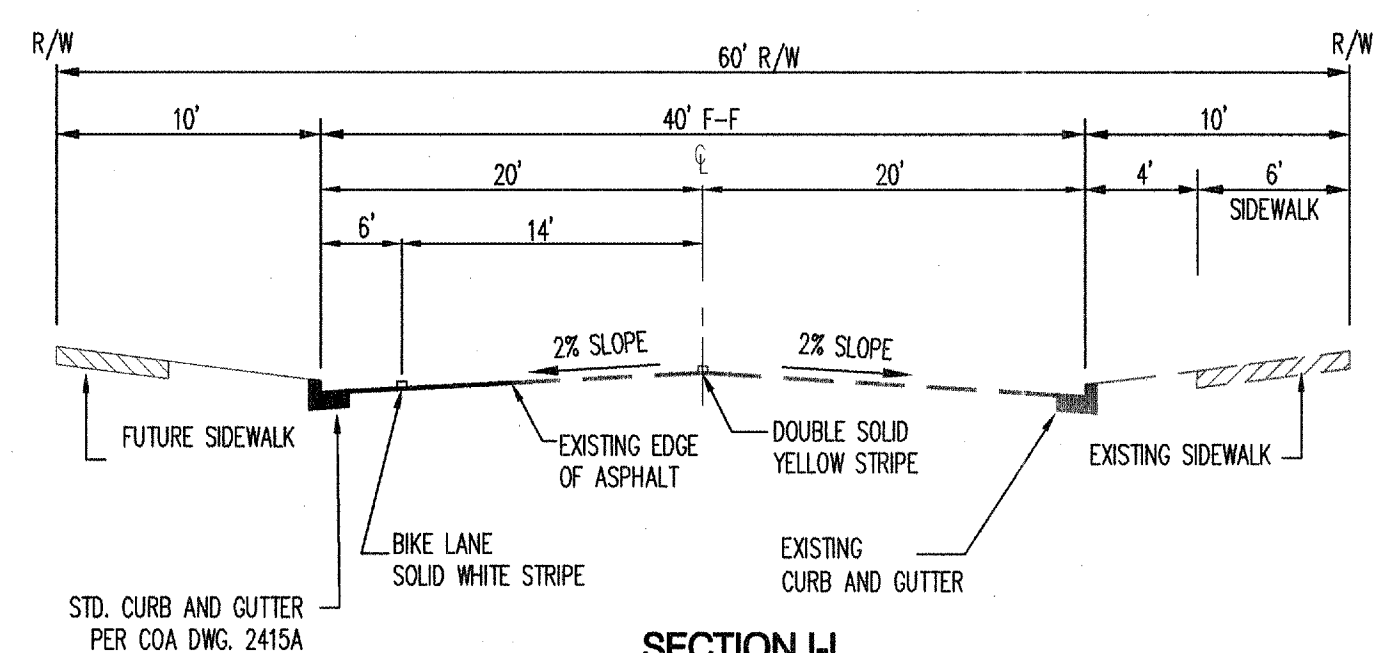
Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
City Project No. 722786	Zone Map No. N-9	Sheet 17	Of 21



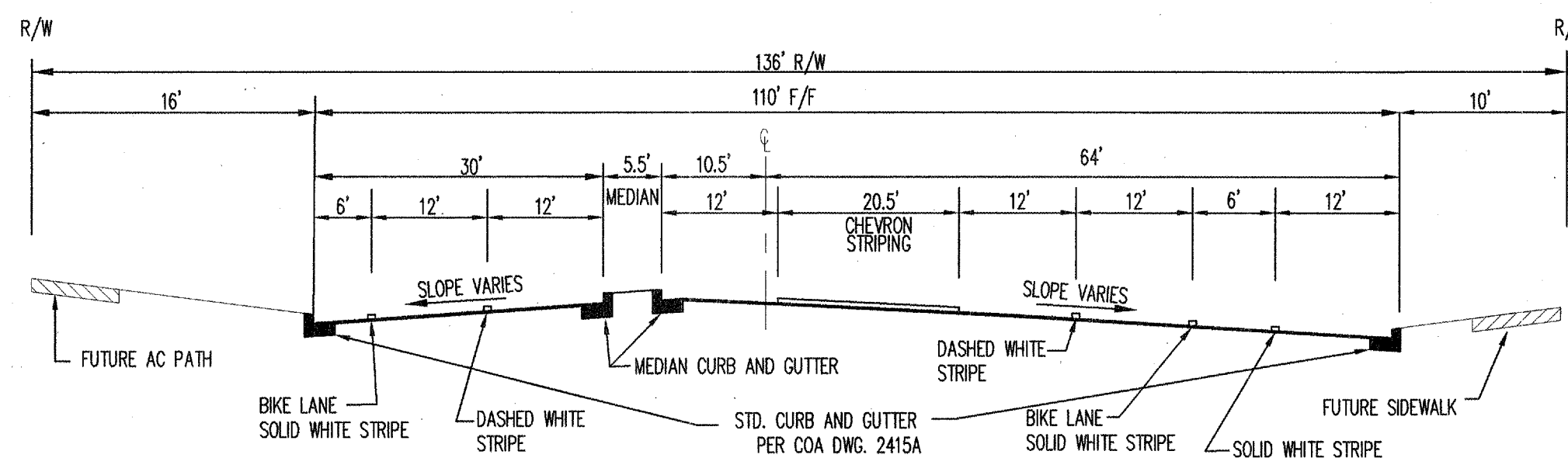
SECTION A-A
GIBSON BLVD. SECTION - 124' R/W
NOT TO SCALE



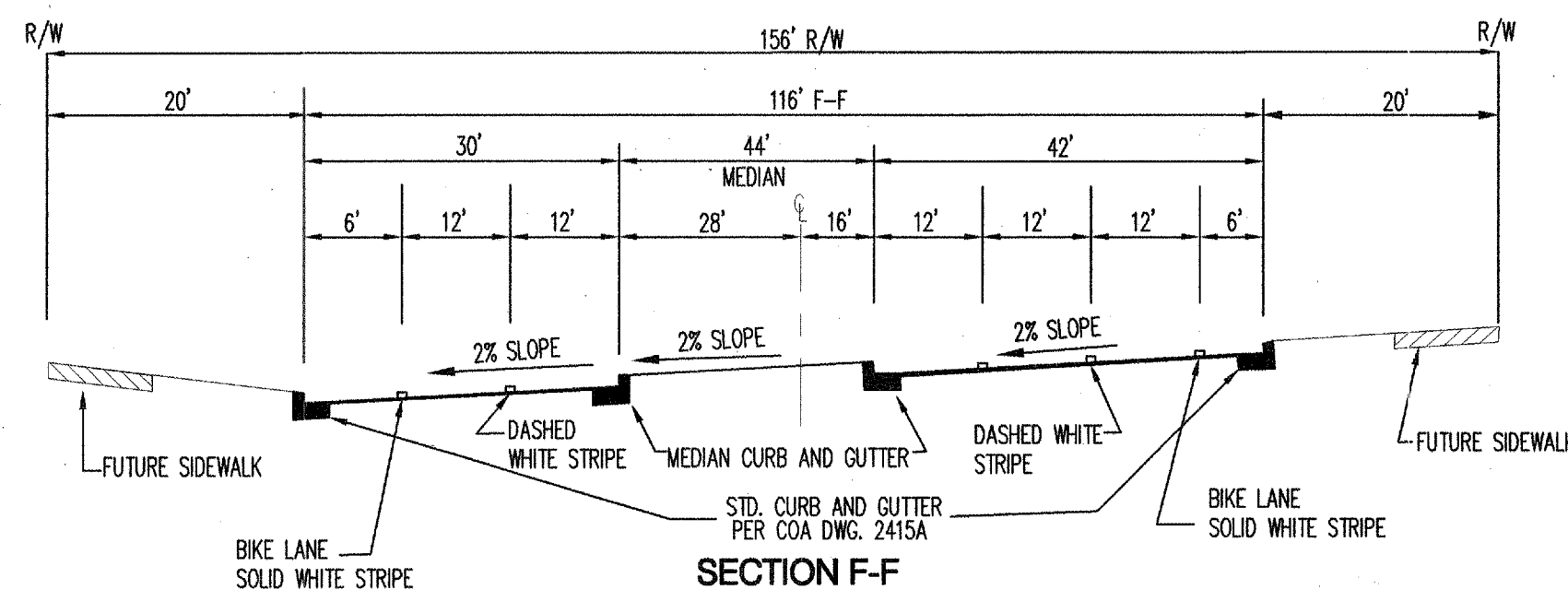
SECTION E-E
98TH STREET - 156' R/W
NOT TO SCALE



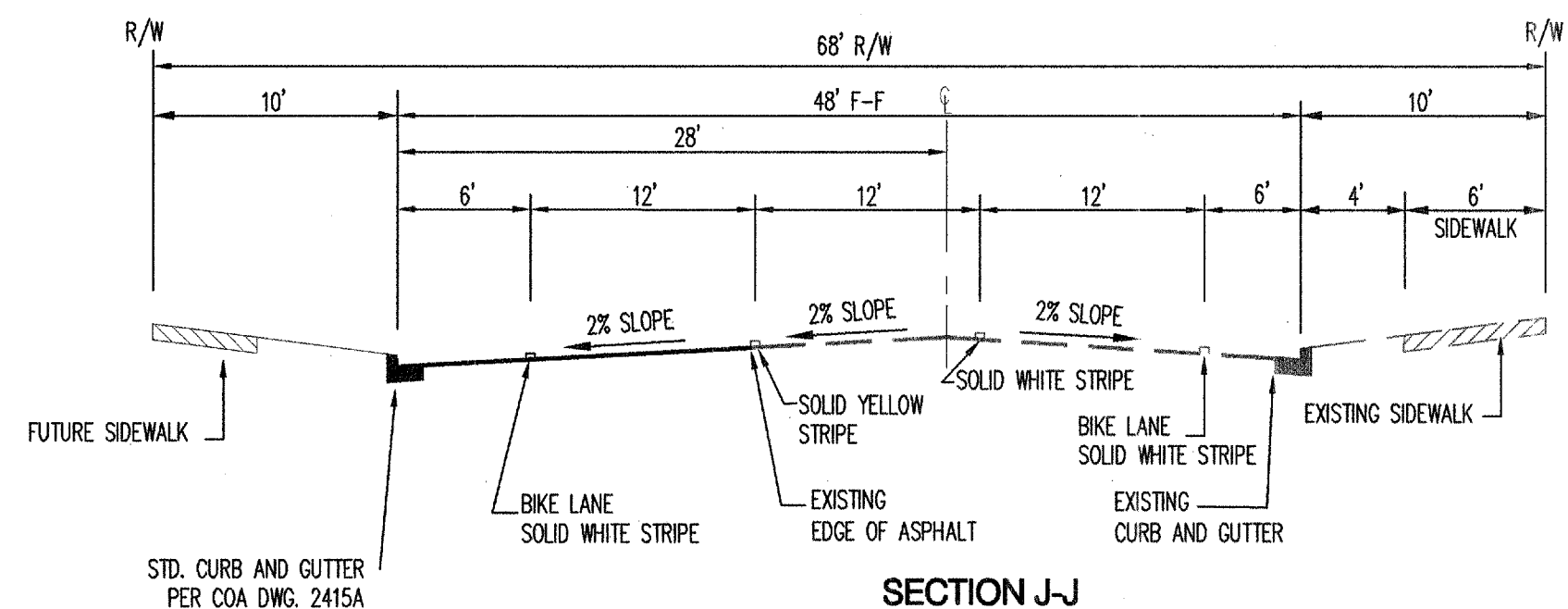
SECTION I-I
BLAKE ROAD SECTION - 60' R/W
NOT TO SCALE



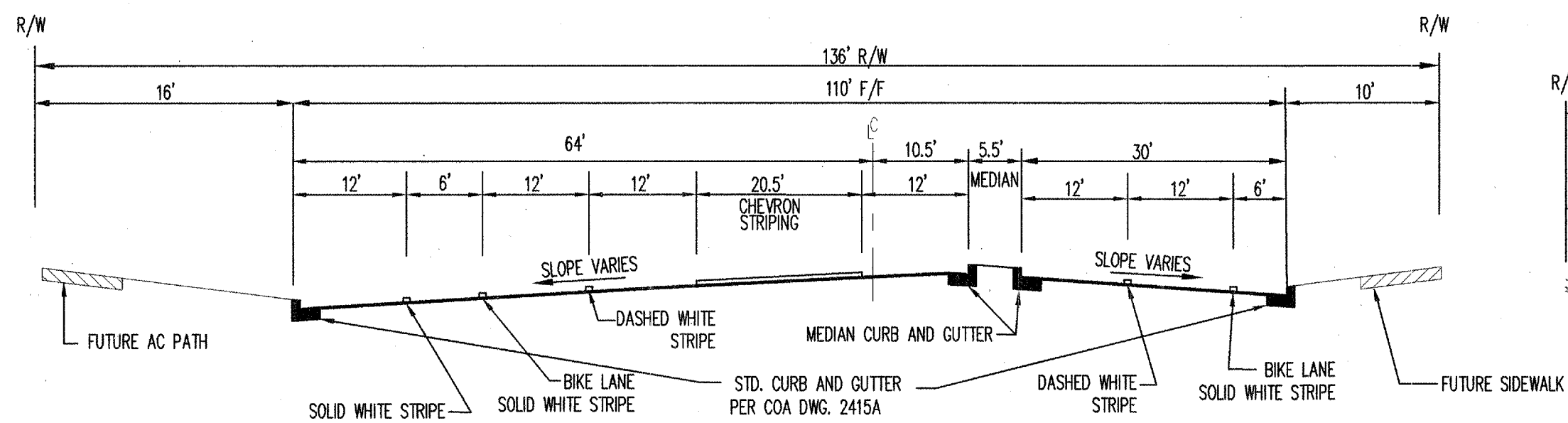
SECTION B-B
GIBSON BLVD. SECTION - 136' R/W
NOT TO SCALE



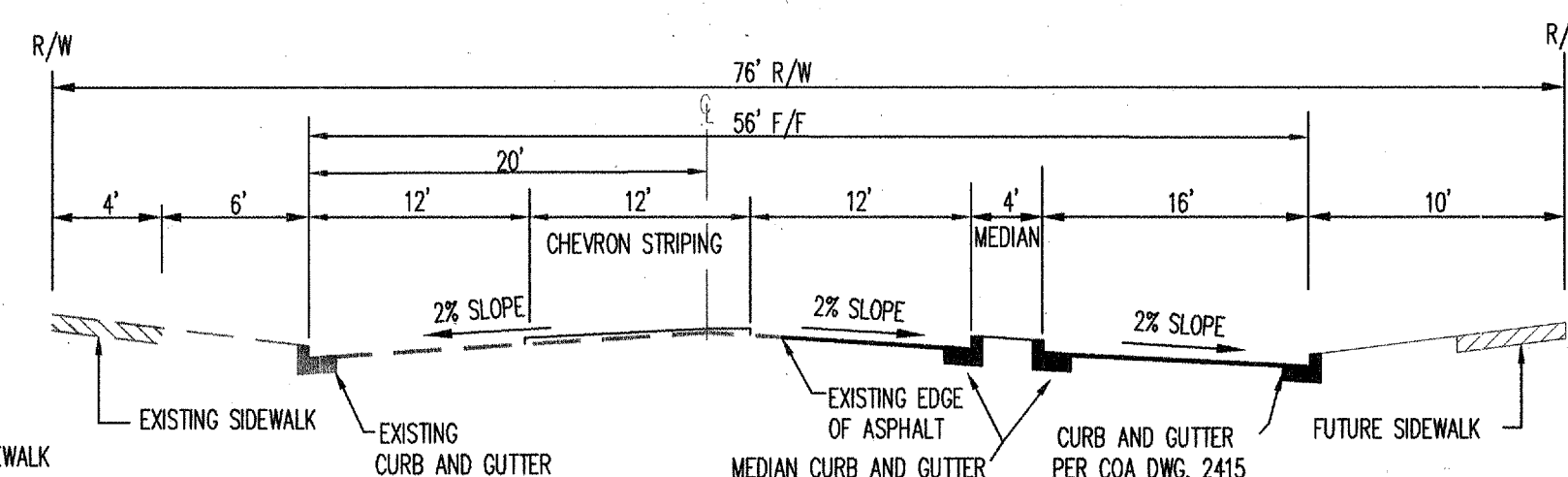
SECTION F-F
98TH STREET - 156' R/W
NOT TO SCALE



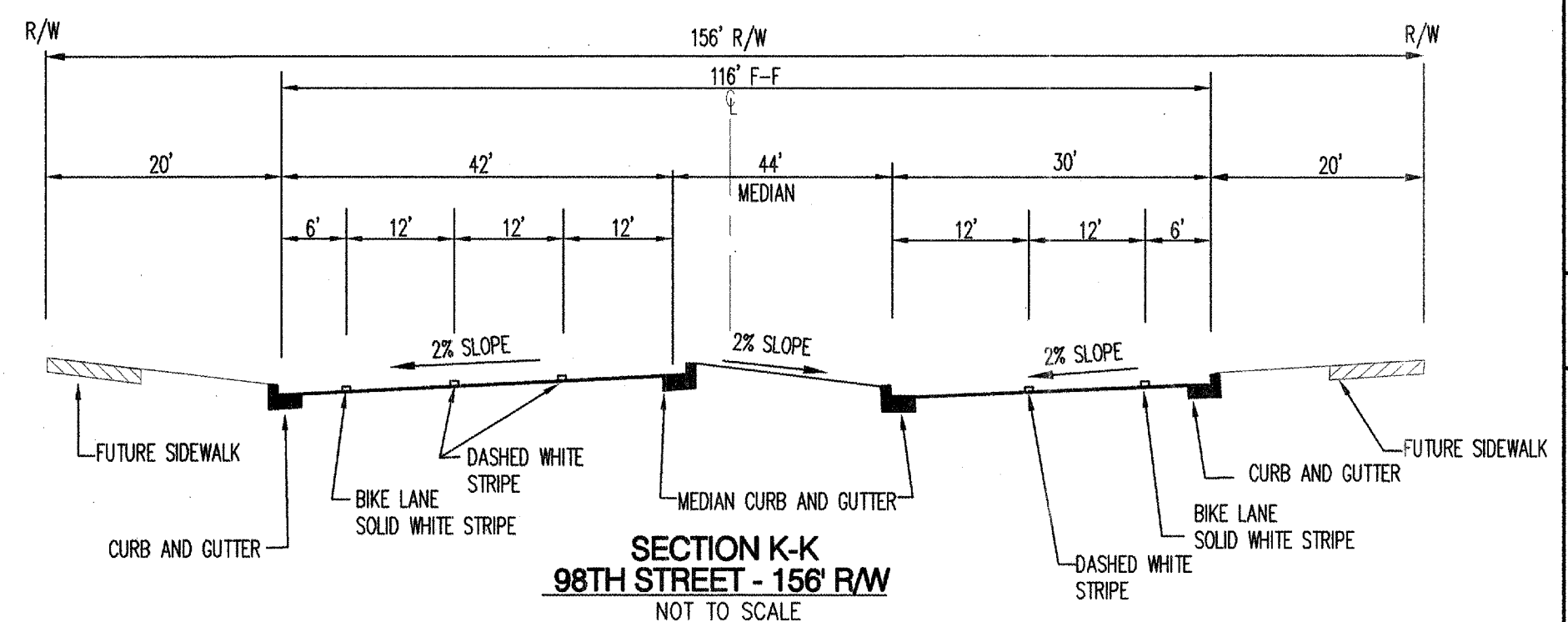
SECTION J-J
BLAKE ROAD SECTION - 68' R/W
NOT TO SCALE



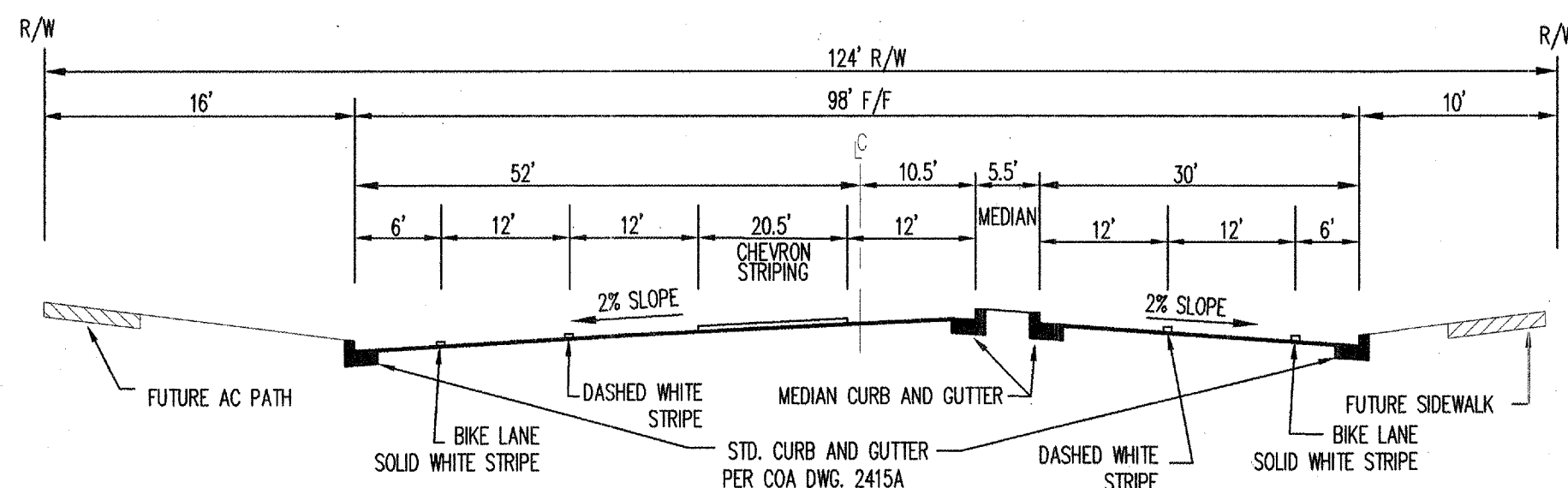
SECTION C-C
GIBSON BLVD. SECTION - 136' R/W
NOT TO SCALE



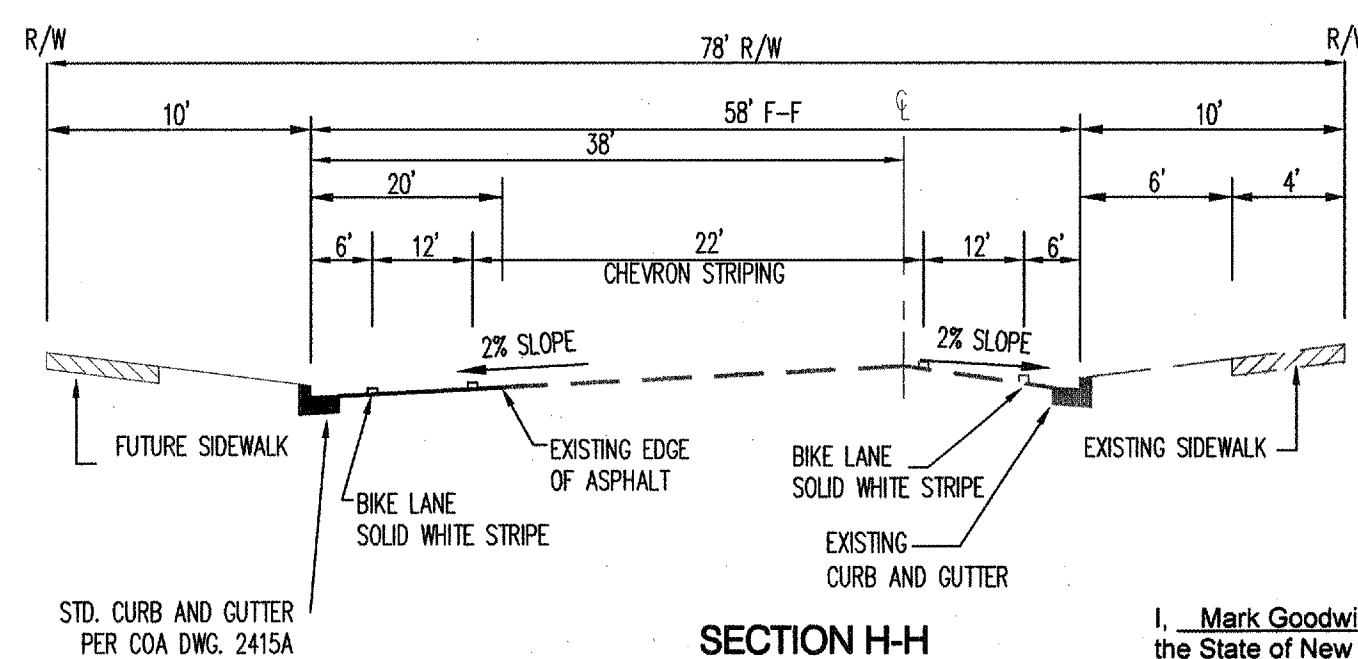
SECTION G-G
DE ANZA STREET SECTION - 78' R/W
NOT TO SCALE



SECTION K-K
98TH STREET - 156' R/W
NOT TO SCALE



SECTION D-D
GIBSON BLVD. SECTION - 124' R/W
NOT TO SCALE



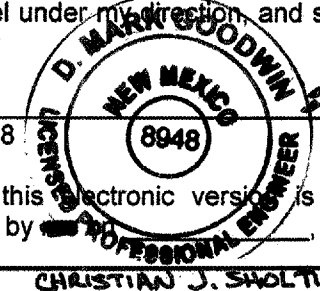
SECTION H-H
BLAKE ROAD SECTION - 60' R/W
NOT TO SCALE

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Mark Goodwin, NMPE 8948, of the firm Mark Goodwin & Associates, P.A., a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision, and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my supervision, and survey information provided by ALS, Inc. NMPS number 7719.

Mark Goodwin NMPE 8948

I, Mark Goodwin, certify that this electronic version is identical to the original reproducible APPROVED FOR CONSTRUCTION drawings signed by Mark Goodwin on 5/30/06.



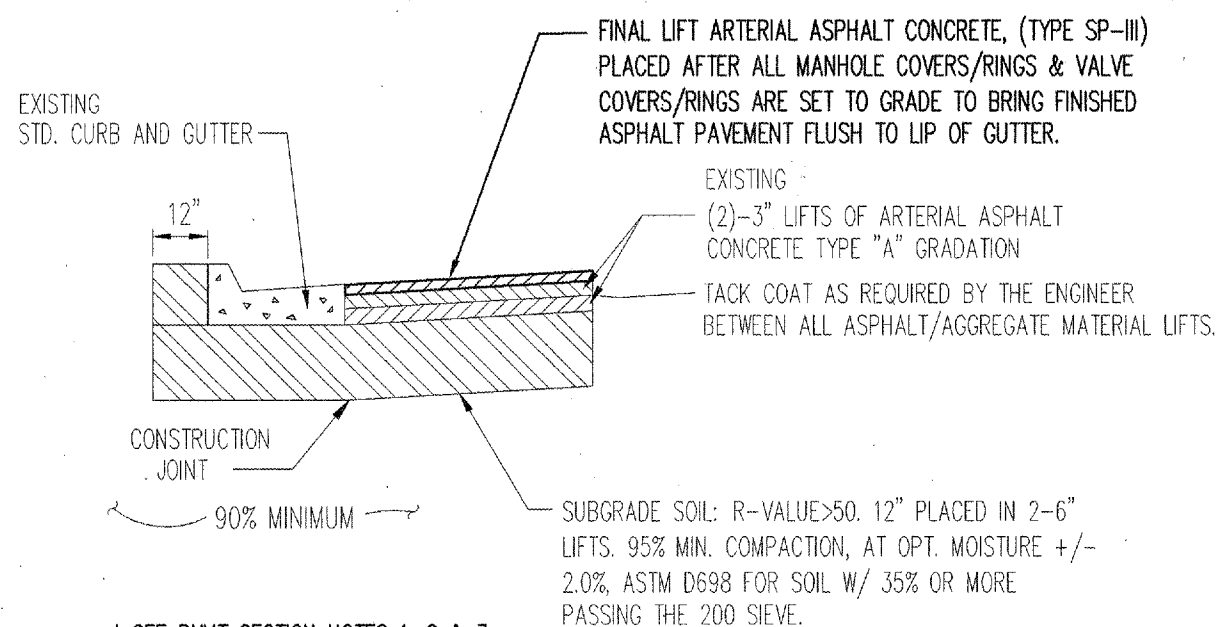
Bohannon & Huston
Courtney I 7800 Jefferson St NE Albuquerque, NM 87109-4395
ENGINEERING • SPATIAL DATA • ADVANCED TECHNOLOGIES



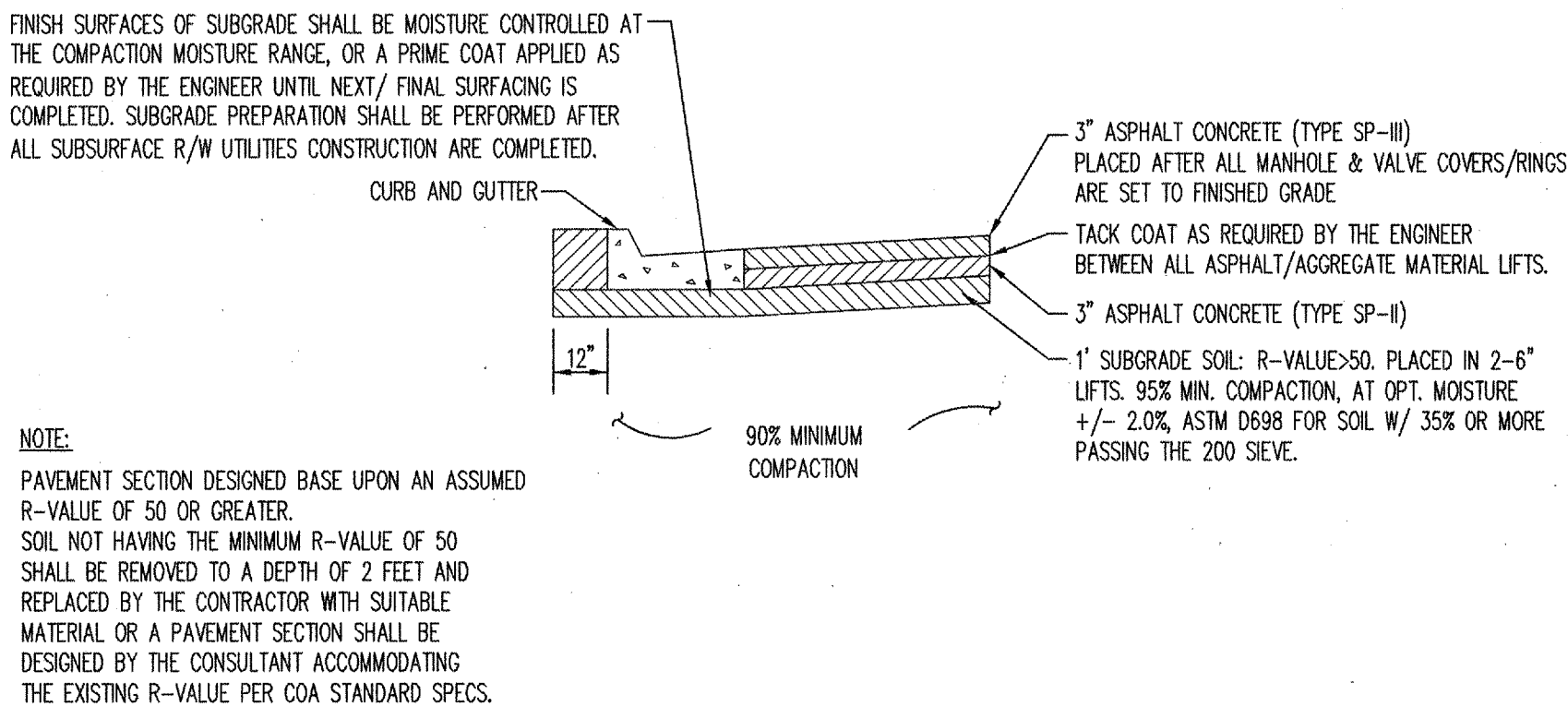
CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT

SILVERTREE VILLAGE CENTER
MASTER INFRASTRUCTURE
SECTIONS AND DETAILS

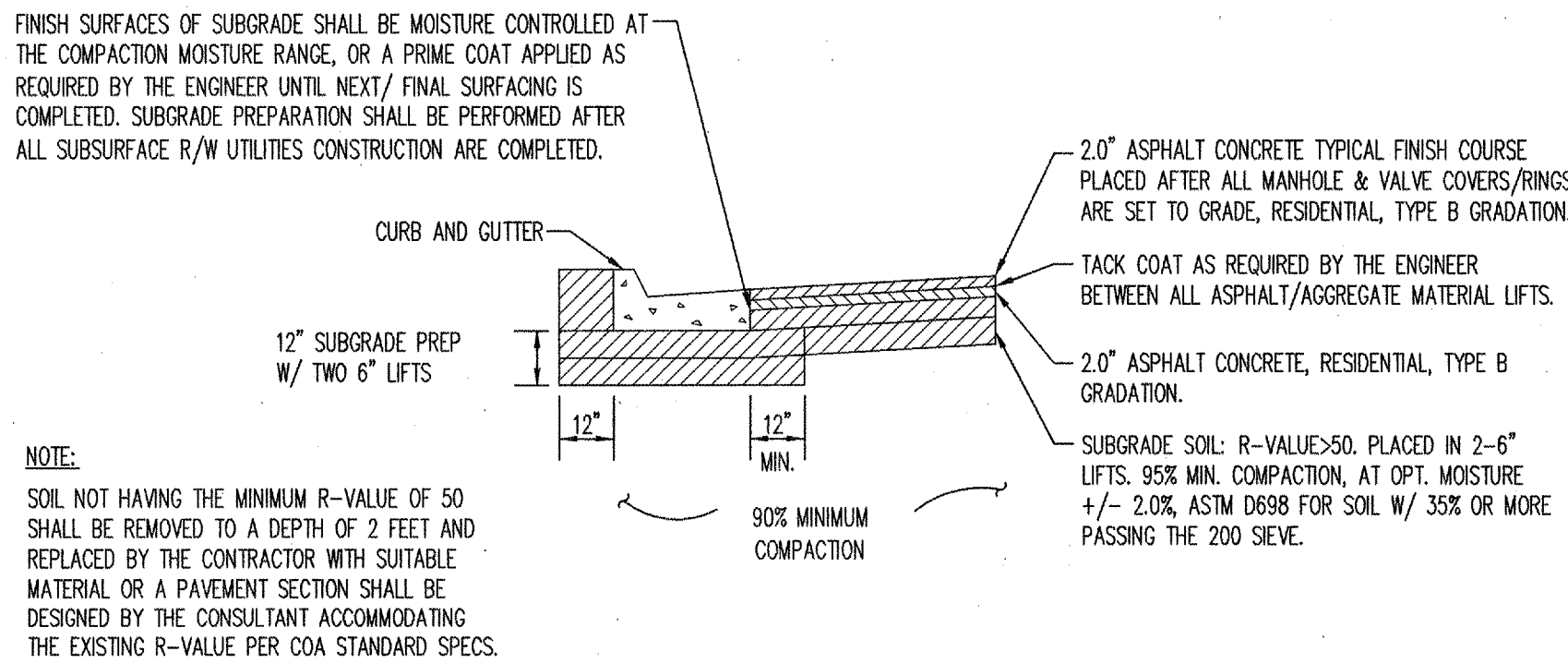
Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
DESIGN REVIEW COMMITTEE	CITY ENGINEER		
City Project No.	Zone Map No.	Sheet	Of
722786	N-9	18	21



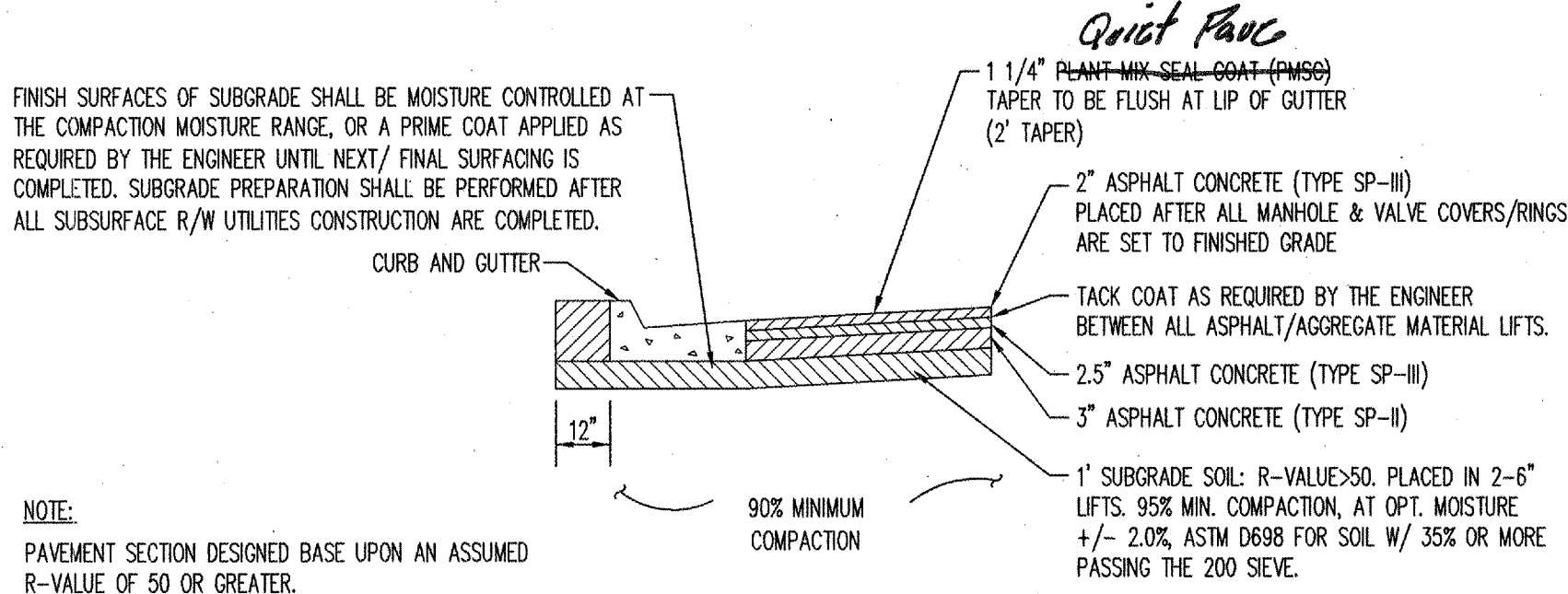
ARTERIAL PAVEMENT SECTION - GIBSON BLVD.
NOT TO SCALE
EXISTING PAVEMENT SECTION PER COA PROJECT #722781.



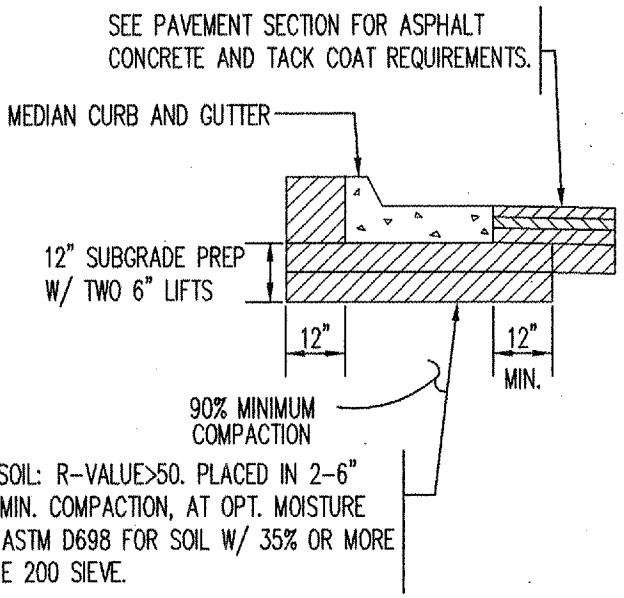
COLLECTOR PAVEMENT SECTION - BLAKE ROAD
NOT TO SCALE



**DE ANZA DRIVE
MAJOR LOCAL PAVEMENT SECTION - 4" ASPHALT**
AS PER COA STD. DWG. 24058
NOT TO SCALE

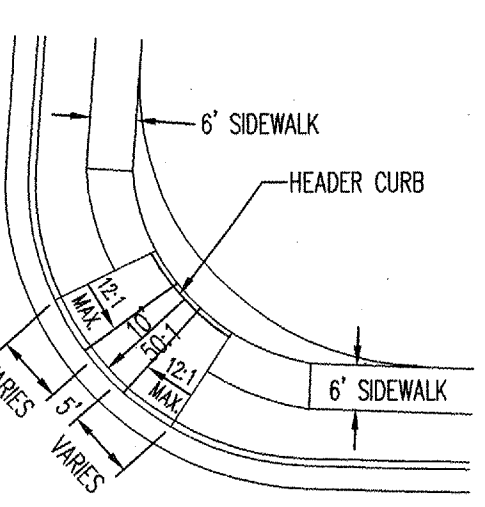


ARTERIAL PAVEMENT SECTION - 98th STREET
NOT TO SCALE

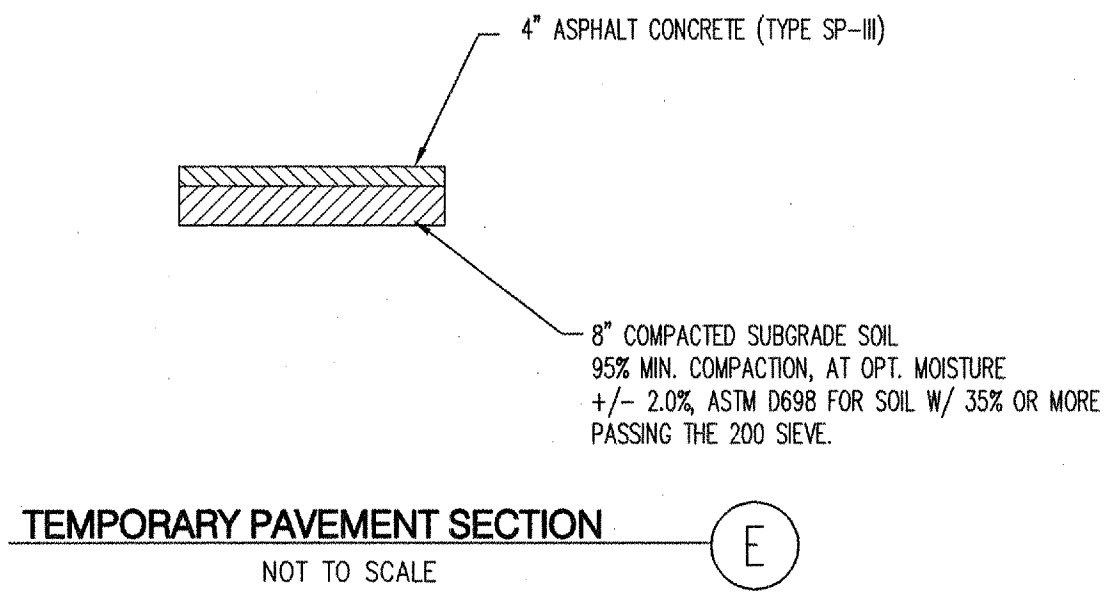


MEDIAN CURB AND GUTTER
NOT TO SCALE

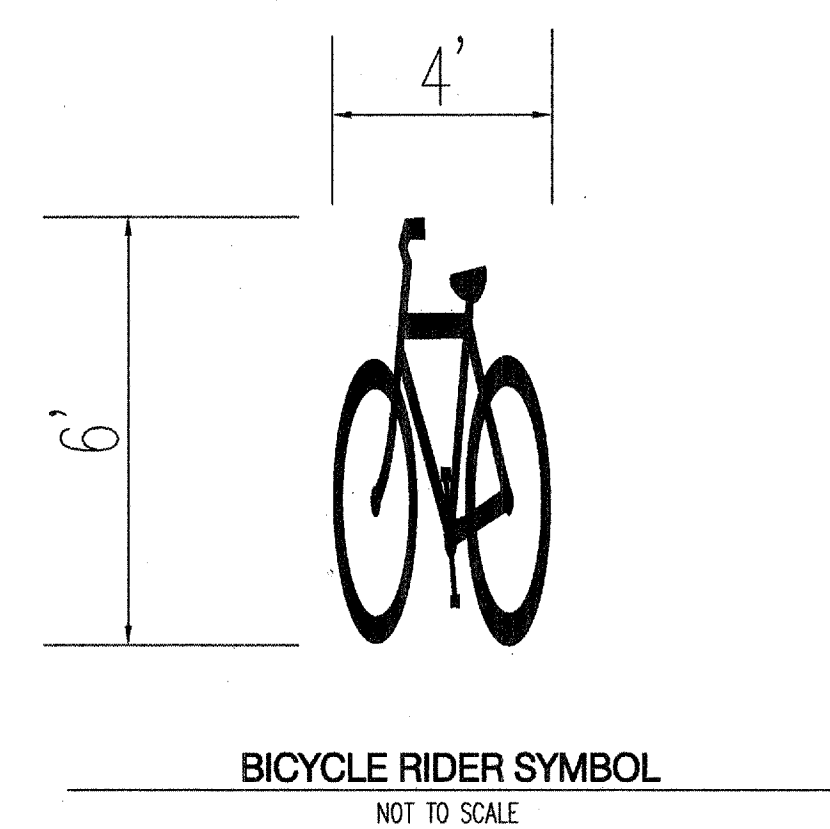
- PAVEMENT SECTION NOTES:**
- SOIL NOT HAVING THE MINIMUM R-VALUE OF 50 SHALL BE REMOVED TO A DEPTH OF 2 FEET AND REPLACED BY THE CONTRACTOR WITH SUITABLE MATERIAL OR A PAVEMENT SECTION SHALL BE DESIGNED BY THE CONSULTANT ACCOMMODATING THE EXISTING R-VALUE PER COA STANDARD SPECS.
 - FINISH SURFACES OF SUBGRADE SHALL BE MOISTURE CONTROLLED AT THE COMPACTION MOISTURE RANGE, OR A PRIME COAT APPLIED, AS REQUIRED BY THE ENGINEER UNTIL NEXT/FINAL SURFACING IS COMPLETED. SUBGRADE PREPARATION SHALL BE PERFORMED AFTER ALL SUBSURFACE R/W UTILITIES CONSTRUCTION ARE COMPLETED.
 - FOR GIBSON BLVD. - APPLY FINAL LIFT.



**WHEELCHAIR RAMP DETAIL
SEE MODIFIED COA STD. DWG. 2441 CASE II**
NOT TO SCALE



TEMPORARY PAVEMENT SECTION
NOT TO SCALE



CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

I, Mark Goodwin, NMPE 8948, of the firm Mark Goodwin & Associates, PA, a Registered Professional Engineer in the State of New Mexico, do hereby certify, to the best of my knowledge and belief, that the infrastructure installed as part of this project has been inspected by me or by a qualified person under my direct supervision, and has been constructed in accordance with the plans and specifications approved by the City Engineer and that the original design intent of the approved plans has been met, except as noted by me on the as-built construction drawings. This Certification is based on site inspections by me or personnel under my direction, and survey information provided by ALS, Inc., NMPS number 7719.

Mark Goodwin NMPE 8948

I, Mark Goodwin, certify that this electronic version is identical to the original reproducible APPROVED FOR CONSTRUCTION drawings signed by Mark Goodwin, 20 5/30/06

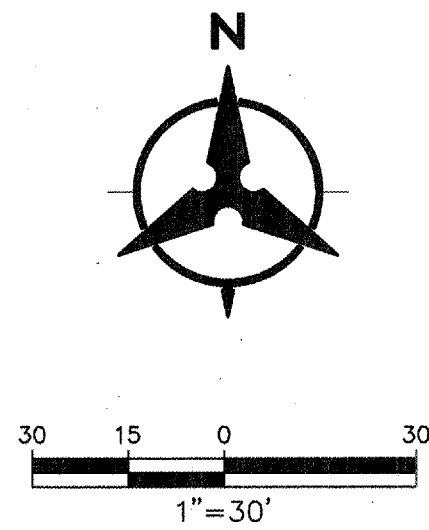
CHRISTIAN J. SOLTIS

Bohannon & Huston
Courtney I 7800 Jefferson St. NE Albuquerque, NM 87109-4386
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CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
SILVERTREE VILLAGE CENTER
MASTER INFRASTRUCTURE
MISCELLANEOUS DETAILS

Design Review Committee	City Engineer Approval	Last Design Update	Mo./Day/Yr.	Mo./Day/Yr.

City Project No. **722786** Zone Map No. **N-9** Sheet **19** Of **21**



Pullbox Location Table				
STATION	OFFSET	ELEVATION @ TOP	TYPE	
1 66+38.24 (Gibson Blvd.)	48.20' LT	5126.8	LARGE	
2 66+54.72 (Gibson Blvd.)	48.35' LT	5126.5	LARGE	
3 66+38.24 (Gibson Blvd.)	13.33' LT	5127.1	LARGE	
4 66+54.72 (Gibson Blvd.)	13.33' LT	5126.8	LARGE	
5 66+38.24 (Gibson Blvd.)	66.78' RT	5126.8	LARGE	
6 66+54.72 (Gibson Blvd.)	66.71' RT	5126.5	LARGE	
7 22+47.96 (98th Street)	60.33' RT	5125.8	LARGE	
8 22+55.16 (98th Street)	60.21' RT	5125.8	LARGE	
9 22+47.96 (98th Street)	20.85' RT	5125.6	LARGE	
10 22+55.16 (98th Street)	20.79' RT	5125.6	LARGE	
11 22+47.96 (98th Street)	72.33' LT	5124.5	LARGE	
12 22+55.16 (98th Street)	72.20' LT	5124.5	LARGE	
13 68+77.39 (Gibson Blvd.)	54.36' RT	5122.7	LARGE	
14 68+84.66 (Gibson Blvd.)	54.20' RT	5122.6	LARGE	
15 68+77.39 (Gibson Blvd.)	19.32' RT	5122.7	LARGE	
16 68+84.66 (Gibson Blvd.)	19.32' RT	5122.6	LARGE	
17 68+77.39 (Gibson Blvd.)	60.16' LT	5122.8	LARGE	
18 68+84.66 (Gibson Blvd.)	60.03' LT	5122.7	LARGE	
19 19+95.12 (98th Street)	60.23' LT	5124.4	LARGE	
20 20+16.14 (98th Street)	60.30' LT	5124.0	LARGE	
21 19+95.12 (98th Street)	21.46' LT	5124.7	LARGE	
22 20+16.14 (98th Street)	21.27' LT	5124.4	LARGE	
23 19+95.12 (98th Street)	72.20' RT	5125.6	LARGE	
24 20+16.14 (98th Street)	72.33' RT	5125.5	LARGE	

REFER TO STD. DWG. 2550 FOR PULLBOX DETAILS
BORING TO OCCUR WHERE EXISTING PAVEMENT IS NOT DISTURBED.
DO NOT CUT INTO EXISTING PAVEMENT.

Conduit Table		
SIZE	QUANTITY	
1 3"	2	
2 3"	1	

CERTIFICATE OF SUBSTANTIAL COMPLIANCE ON PLANS

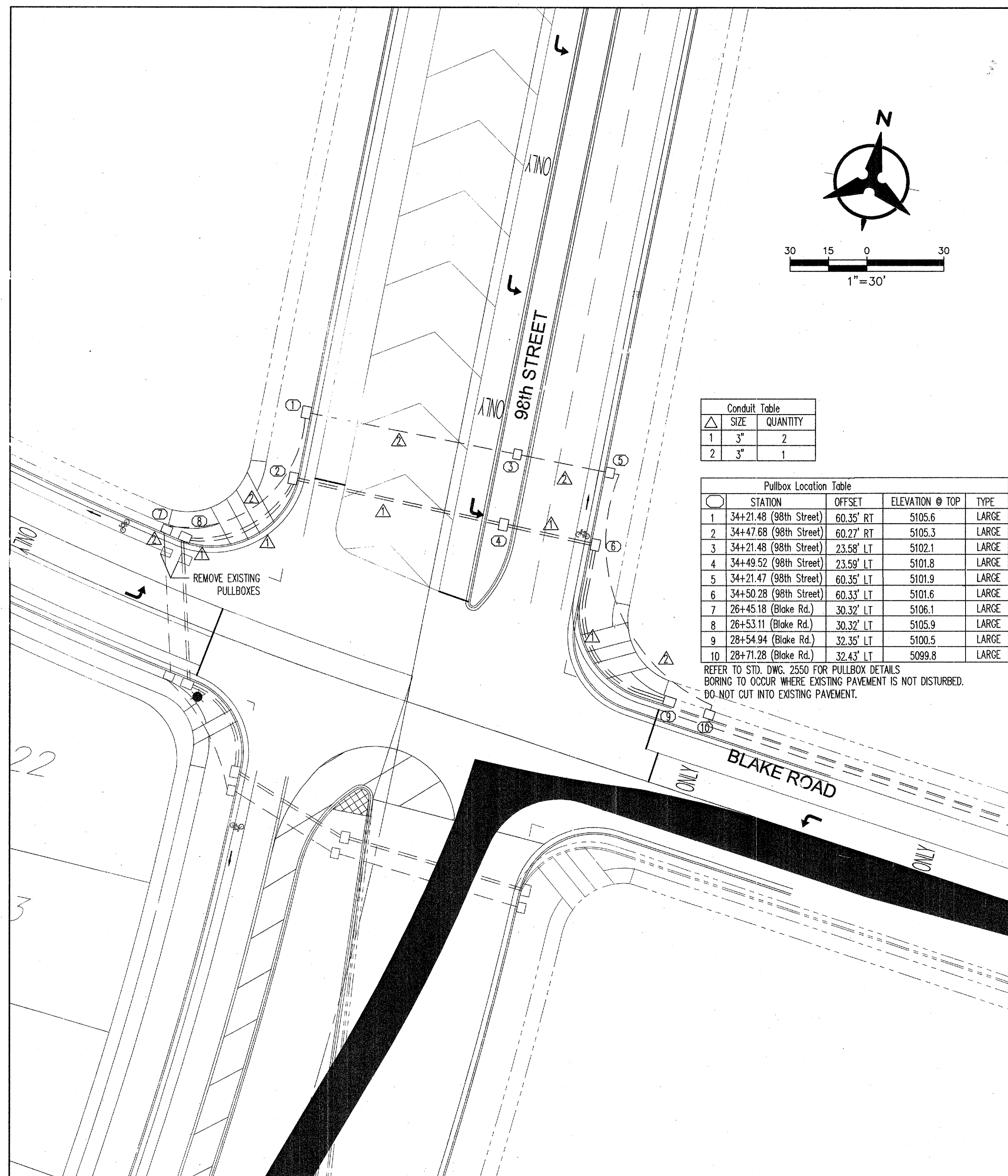
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Mark Goodwin
Mark Goodwin NMPE 8948

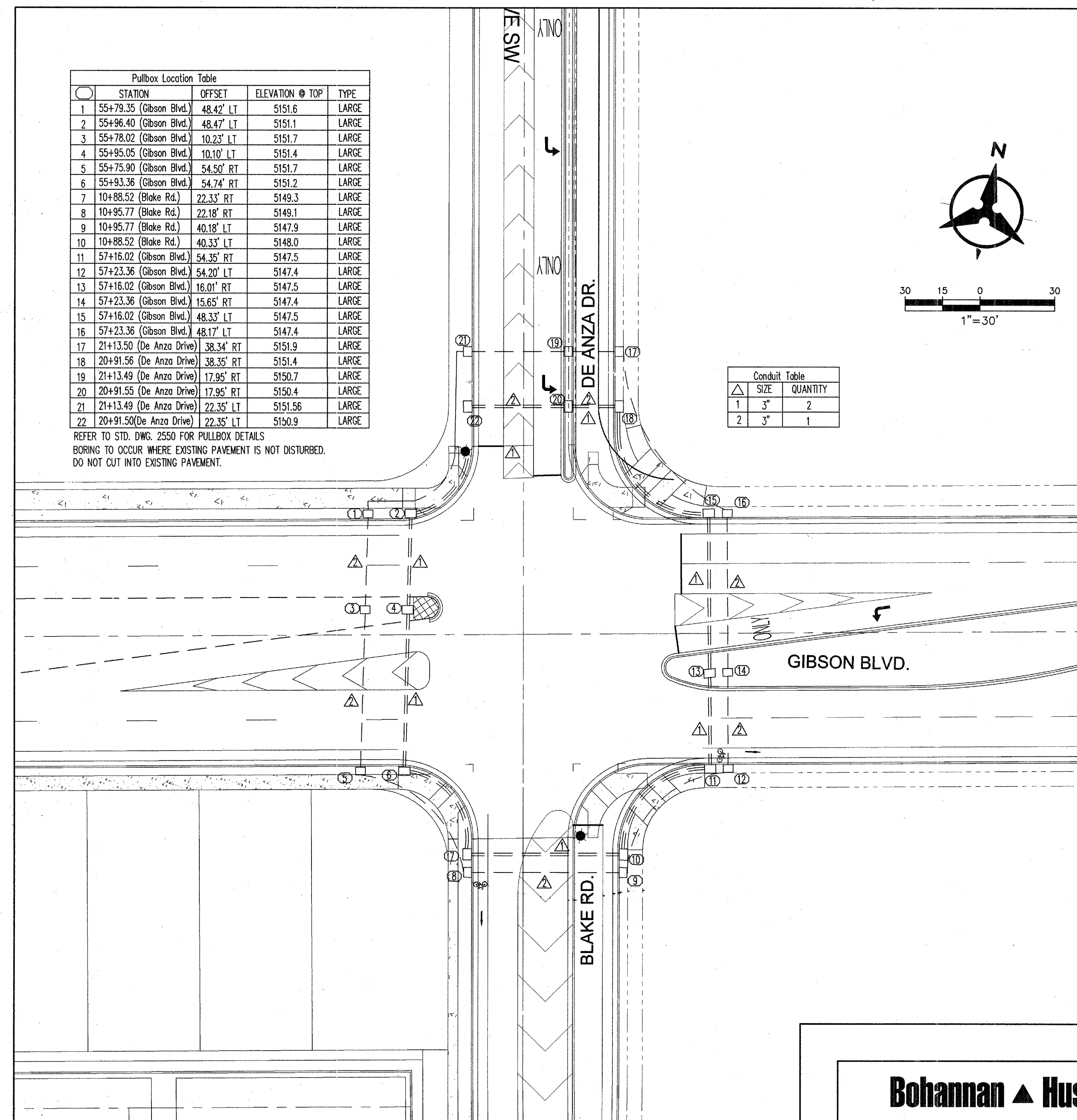
CHRISTIAN J. SLOTTIS
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Bohannon & Huston Courtney I 7500 Jefferson St. NE Albuquerque, NM 87108-4395 ENGINEERING • SPATIAL DATA • ADVANCED TECHNOLOGIES	
CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT	
SILVERTREE VILLAGE CENTER MASTER INFRASTRUCTURE GIBSON BLVD. & 98th ST. INTERSECTION DETAIL	
Design Review Committee	City Engineer Approval
Mo./Day/Yr.	Mo./Day/Yr.
City Project No. 722786	Zone Map No. N-9
Sheet 20	Of 21



BLAKE ROAD/98TH STREET



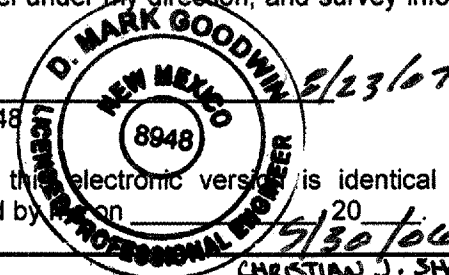
BLAKE ROAD & DE ANZA/GIBSON BLVD.

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Mark Goodwin
Mark Goodwin
NMPE 8948

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CHRISTIAN J. SHOLTS

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CITY OF ALBUQUERQUE PUBLIC WORKS DEPARTMENT	
SILVERTREE VILLAGE CENTER MASTER INFRASTRUCTURE BLAKE INTERSECTION DETAIL	
Design Review Committee	City Engineer Approval
Mo./Day/Yr.	Mo./Day/Yr.
City Project No. 722786	Zone Map No. N-9
Sheet 21	21