

Table with 2 columns: Station/Point and Curve Data. Includes points A1 through A9 with associated curve parameters like Δ, L, and R.

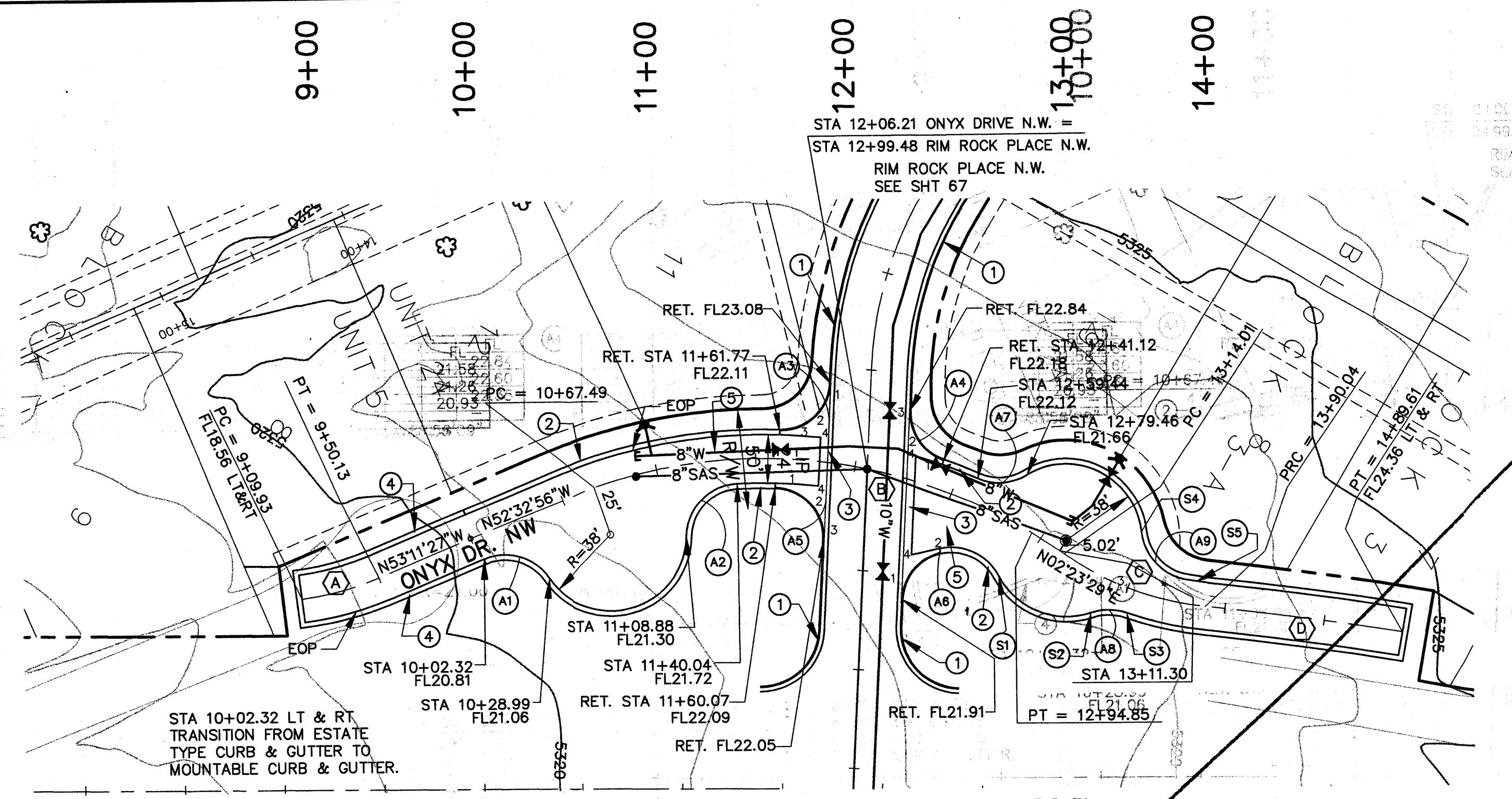


Table with 2 columns: Curve Data and Stationing. Includes points A, B, C, and D with associated curve parameters like Δ, L, and R.

- NOTES
- 1. FOR 50' R/W TYPICAL ROADWAY SECTION, SEE SHT.
- 2. FOR 60' R/W TYPICAL ROADWAY SECTION, SEE SHT.
- 3. RETURN FLOWLINE ELEVATIONS ARE TO THE FACE OF CURB & GUTTER FOR MOUNTABEL AND STANDARD CURB & GUTTER AND ALONG THE LIP OF ESTATE TYPE CURB & GUTTER
- 4. CURB INFORMATION ON ONYX DR. IS ALONG THE LIP OF CURB & GUTTER.
- 5. CONSTRUCT STANDARD TYPE CURB PER STD DWG 2415
- 6. CONSTRUCT MOUNTABLE CURB PER STD DWG 2415
- 7. CONSTRUCT CONC. VALLEY GUTTER PER STD DWG 2420
- 8. CONSTRUCT ESTATE TYPE CURB PER STD DWG 2415
- 9. 50' CROWN REDUCTION PER STD DWG 2401

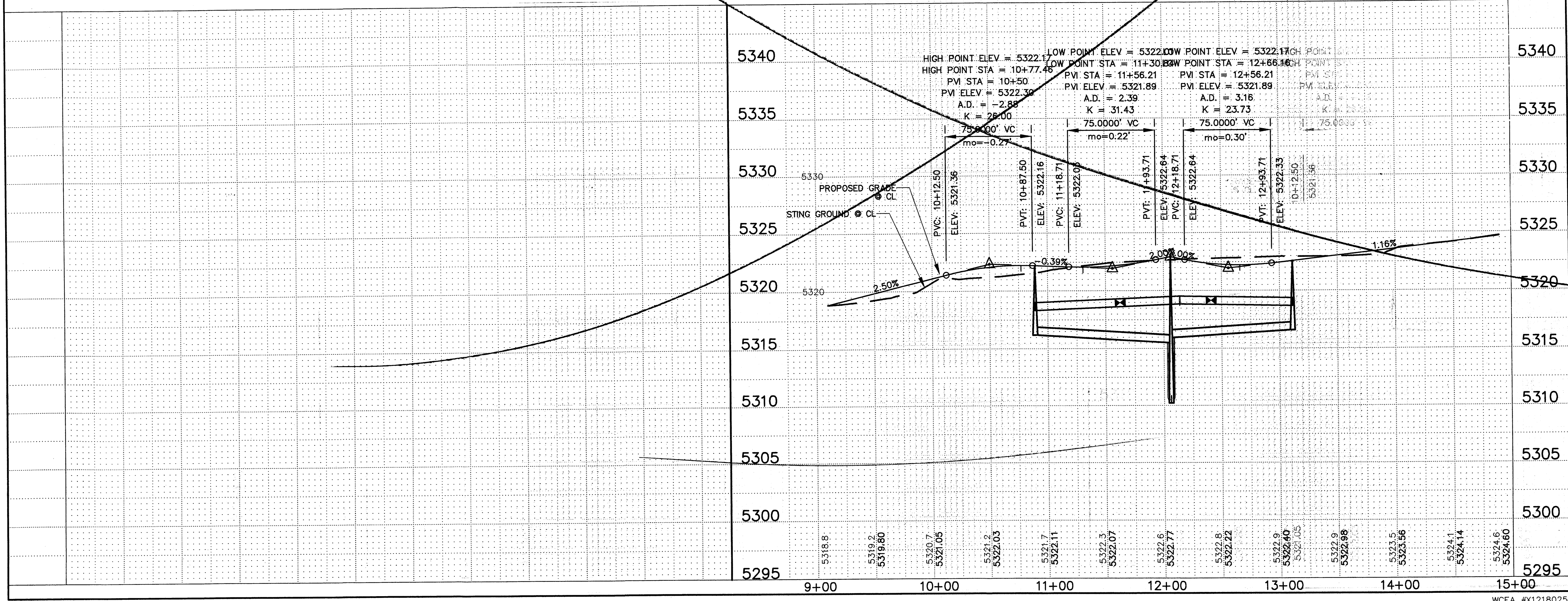


Table with 2 columns: Curve Data and Stationing. Includes points A, B, C, and D with associated curve parameters like Δ, L, and R.

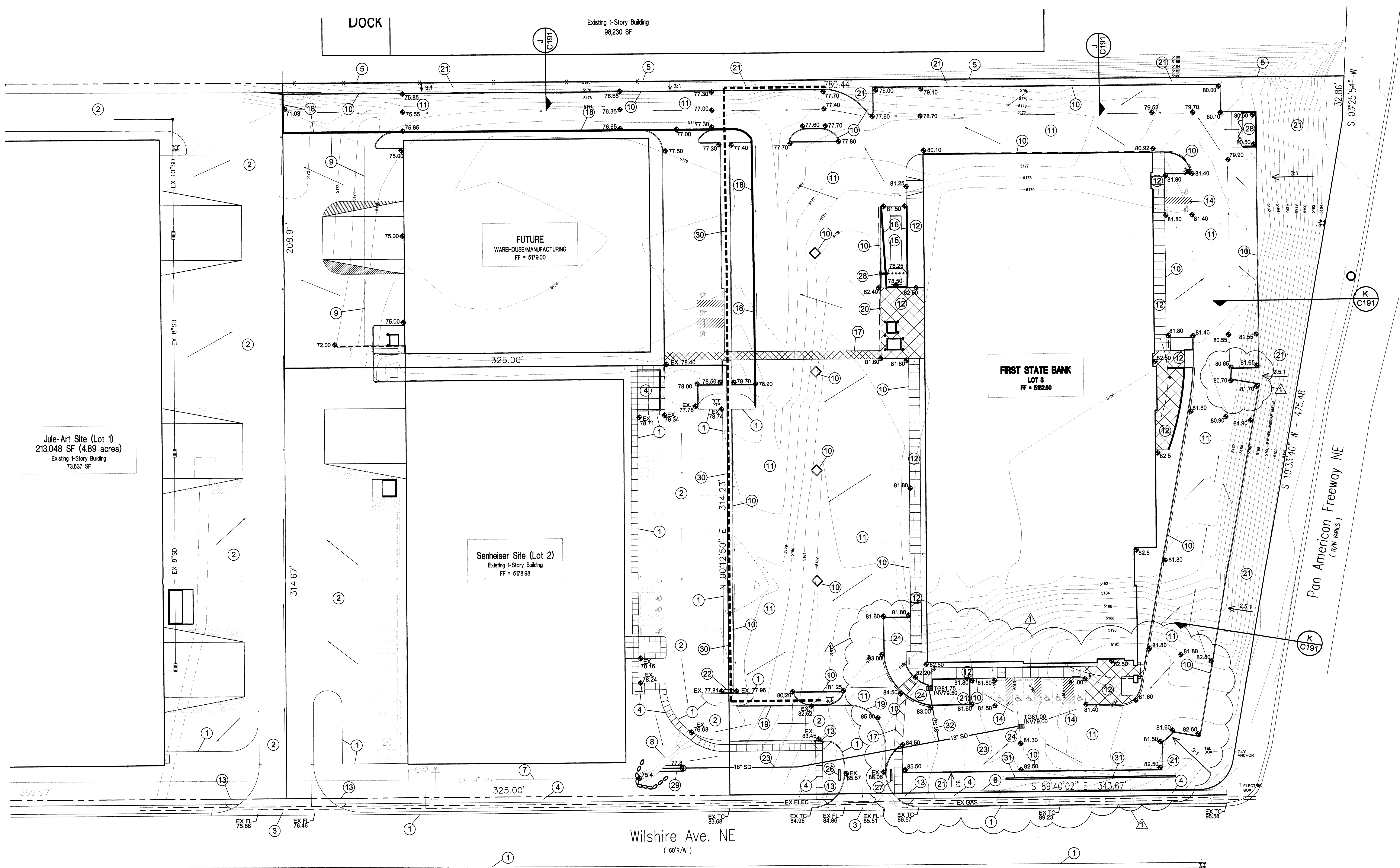
Table with 2 columns: Stationing and Elevation. Includes points A, B, C, and D with associated stationing and elevation data.

SCALE:
HORIZ: 1" = 50'
VERT: 1" = 5'

Table with 2 columns: AS-BUILT INFORMATION and SURVEY INFORMATION. Includes fields for CONTRACTOR, DATE, and various survey data.

Form with fields for City of Albuquerque, Public Works Department, Engineering Group, and various project details.

First State Bank Pan Am 25 - Lot 3 Wilshire & Pan Am Frwy Albuquerque, New Mexico



DRAINAGE PLAN NOTES

1. BLI recommends that the Owner obtain a Geotechnical Evaluation of the on-site soils prior to foundation/structural design.
2. This Plan recommends positive drainage away from all structures to prohibit ponding of runoff which may cause structural settlement. Future alteration of grades adjacent to the proposed structures is not recommended.
3. Irrigation within 10 feet of any proposed structure is not recommended. Introduction of irrigation water into subsurface soils adjacent to the structure could cause settlement.
4. This Plan is prepared to establish on-site drainage and grading criteria only. BLI assumes no responsibility for subsurface analysis, foundation/structural design, or utility design.
5. Local codes may require all footings to be placed in natural undisturbed soil. If the Contractor plans to place footings on engineered fill, a certification by a registered Professional Engineer will be required. If the contractor wishes BLI to prepare the Certification, we must be notified PRIOR to placement of the fill.
6. BLI recommends that the Owner obtain the services of a Geotechnical Engineer to test and inspect all earthwork aspects of the project.
7. The property boundary shown on this Plan is given for information only to describe the project limits. Property boundary information shown hereon does not constitute a boundary survey. A boundary survey performed by a licensed New Mexico Registered Professional Surveyor is recommended prior to construction.

TEMPORARY EROSION CONTROL PLAN

1. The intent of the Temporary Erosion Control Plan is to limit the discharge of sediment into the public street and/or storm drainage system and to protect adjacent properties from excess runoff during construction.
2. The Contractor shall submit a Temporary Erosion Control Plan and obtain a TopSoil Disturbance Permit from Environmental Health prior to performing any earthwork-related operations.
3. After the initial site clearing, the temporary erosion control facilities should be constructed per the Plan to direct excess runoff and sediment to the outfall locations.
4. The temporary erosion control plan consists of the placement of either earthen erosion control berms or silt fencing along the downstream project boundaries that will prevent runoff and sediment from discharging onto downstream properties.
5. It is recommended that each site construct a temporary sedimentation pond to prevent the discharge of sediment into the downstream developments.
6. It is the Contractor's responsibility to properly maintain all temporary erosion control facilities during the construction phase of the project.

KEYED NOTES ②

1. EXISTING CONCRETE CURB
2. EXISTING ASPHALT PAVEMENT
3. EXISTING CONCRETE VALLEY GUTTER
4. EXISTING CONCRETE SIDEWALK
5. EXISTING CHAINLINK FENCE TO REMAIN
6. EXISTING CHAINLINK FENCE TO BE REMOVED
7. EXISTING 24 INCH CMP STORM DRAIN
8. EXISTING CONCRETE DRAINAGE CHANNEL
9. EDGE OF EXISTING PAVEMENT
10. NEW 6 INCH CONCRETE CURB
11. NEW ASPHALT PAVEMENT
12. NEW CONCRETE SIDEWALK
13. EXISTING ACCESSIBLE RAMP
14. NEW ACCESSIBLE PARKING AREA, INCL RAMPS, PER CITY CODE
15. CONCRETE LOADING DOCK
16. NEW CONCRETE RETAINING WALLS. SEE STRUCTURAL PLAN
17. ACCESSIBLE WAY
18. LIMITS OF PAVING THIS PROJECT
19. REMOVE & DISPOSE EXISTING CONCRETE CURB
20. NO CURB AT SERVICE AREA
21. PROPOSED LANDSCAPING. SEE LANDSCAPE PLAN
22. CONSTRUCT 12 INCH CHANNEL. SEE DETAIL SHEET C-191
23. INSTALL 18 INCH CMP STORM DRAIN
24. CONSTRUCT SINGLE TYPE 'D' INLET PER COA STD DWG 2206
25. CONSTRUCT NEW REFUSE ENCLOSURE. SEE SITE PLAN
26. EXISTING MONUMENT SIGN TO REMAIN
27. NEW MONUMENT SIGN FOR FIRST STATE BANK
28. INSTALL TRENCH DRAIN WITH ELECTRIC SUMP PUMP
29. CONSTRUCT NEW CONCRETE CHANNEL TO EXIST CMP INLET.
30. CONSTRUCT TEMPORARY EROSION CONTROL BERM OR INSTALL SILT FENCING.
31. CONSTRUCT RETAINING WALL. SEE LANDSCAPING PLAN.
32. CONSTRUCT 8 INCH STORM DRAIN.

LEGEND

- 6001 - EXISTING CONTOUR ELEVATION
- 02.5 x - EXISTING SPOT ELEVATION
- 01 - PROPOSED CONTOUR ELEVATION
- ... - PROPERTY LINE
- 01.5 - PROPOSED SPOT ELEVATION
- ← - DIRECTION OF FLOW
- - DRAINAGE SWALE
- - EROSION CONTROL BERM

ALL SPOT ELEVATIONS ARE TOP OF PAVEMENT UNLESS NOTED OTHERWISE

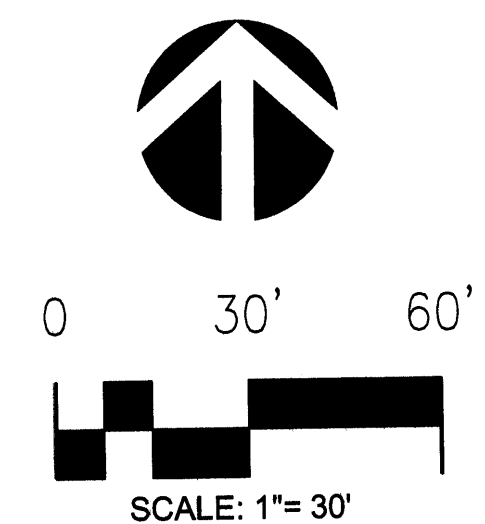
PROJECT DATA

PROPERTY ADDRESS
5501 Wilshire Avenue NE

LEGAL DESCRIPTION
Lot 3, Pan Am 25 Subdivision

PROJECT BENCHMARK
Sanitary Manhole Rim located on the intersection of San Mateo Blvd NE and Wilshire Ave. NE Elevation= 5166.92

SURVEY
Topographic and Field Measurements by Brasher & Lorenz, Inc. February 2003



REVISIONS	
△	04-09-03 SW BLDG, PARKING
△	
△	
△	
△	

DRAWN BY	RM/DAL
REVIEWED BY	DAL
DATE	03-10-2003
PROJECT NO.	BLI03506

GRADING & DRAINAGE PLAN

REID & ASSOCIATES
DESIGN BUILDERS

BRASHER & LORENZ
CONSULTING ENGINEERS

2201 San Pedro NE Building 1 Suite 1200
Albuquerque, New Mexico 87110
Ph: 505-888-6088 Fax: 505-888-6188

SHEET NO.

C - 101



ARCHITECT

PROJECT

First State Bank
Pan Am 25 - Lot 3
Wilshire & Pan Am Frwy
Albuquerque, New Mexico



NOT TO SCALE



NOT TO SCALE


$$1'' = 100'$$

GRADING AND DRAINAGE PLAN

PURPOSE AND SCOPE

SITE DESCRIPTION

EXISTING DRAINAGE MASTERPLANS

EXISTING DRAINAGE CONDITIONS

PROPOSED CONDITIONS

As shown by the Plan, the p

CALCULATIONS



 BRASHER & LORENZ

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APR 10 2003

HYDROLOGY SECTION SHEETING.

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