

# CITY OF YUMA

**RFB-27-042**

## 18th Street and Riley Avenue Improvements

**C.I.P. NO. CDBG-0004**

**MAYOR**

**DOUGLAS J. NICHOLLS**

**CITY COUNCIL**

**LESLIE McCLENDON**

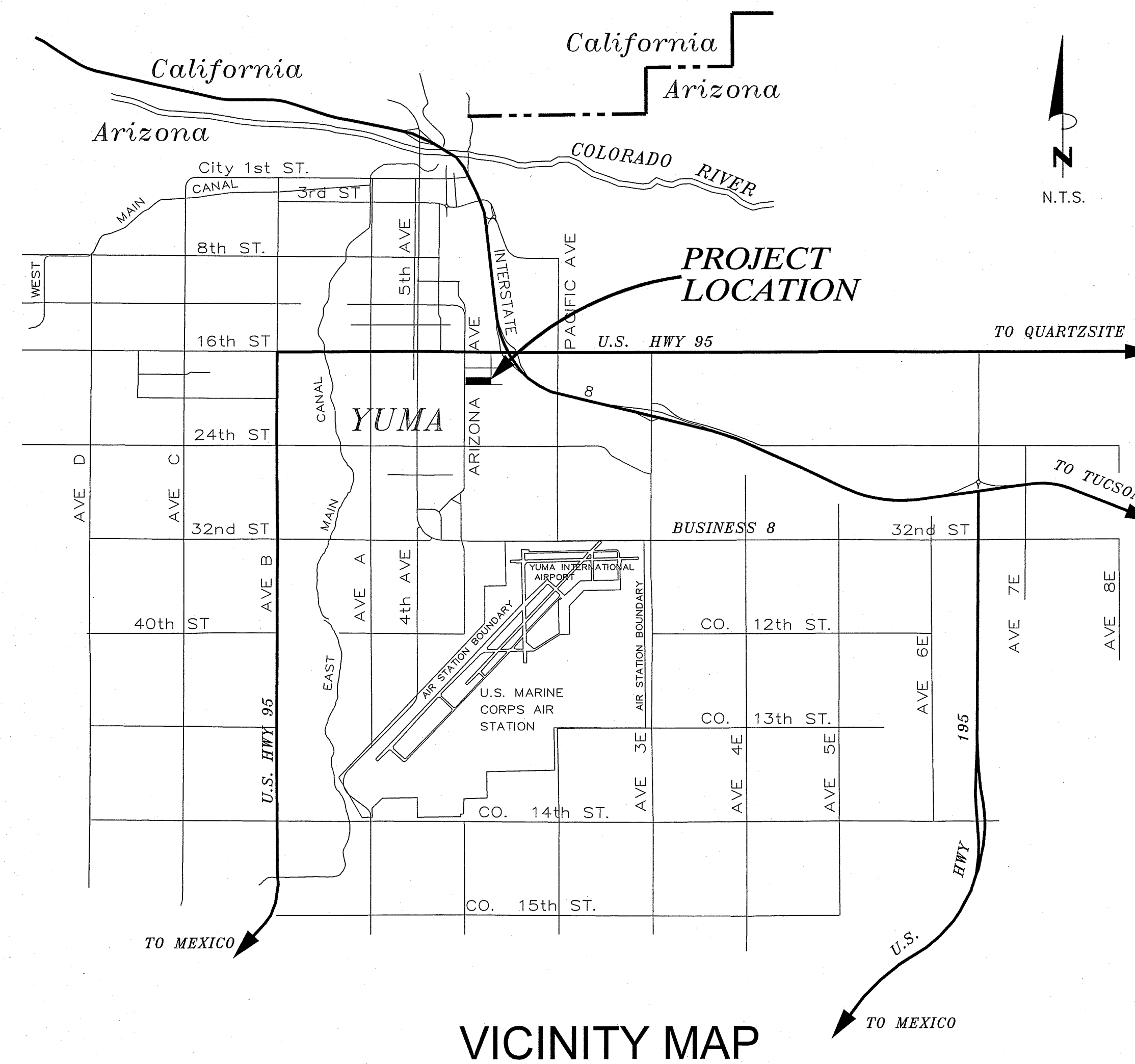
**MARK MARTINEZ**

**ARTURO MORALES**

**CHRIS MORRIS**

**CAROL SMITH**

**KAREN WATTS**



**VICINITY MAP**

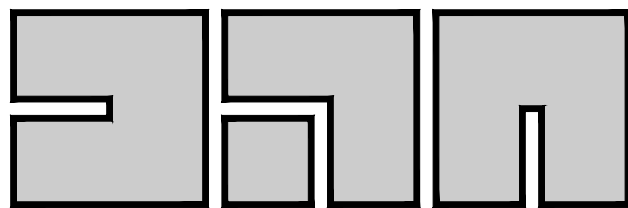
**ACTING CITY  
ADMINISTRATOR**

**JOHN D. SIMONTON**

APPROVED:

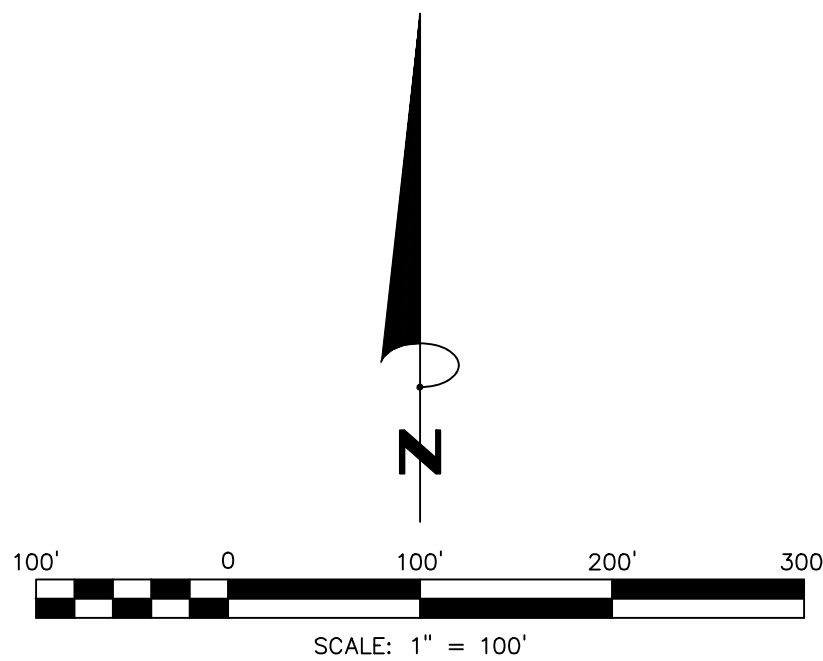
*Dave Wootenberg*  
CITY ENGINEER

8/19/2026



1560 S. 5th Avenue  
Yuma, AZ 85364  
Phone: (928) 819-0825  
Fax: (928) 819-0826  
www.dahlrobins.com  
DRA Job No. 25140

DAHL, ROBINS & ASSOCIATES, INC.



### BASIS OF BEARING

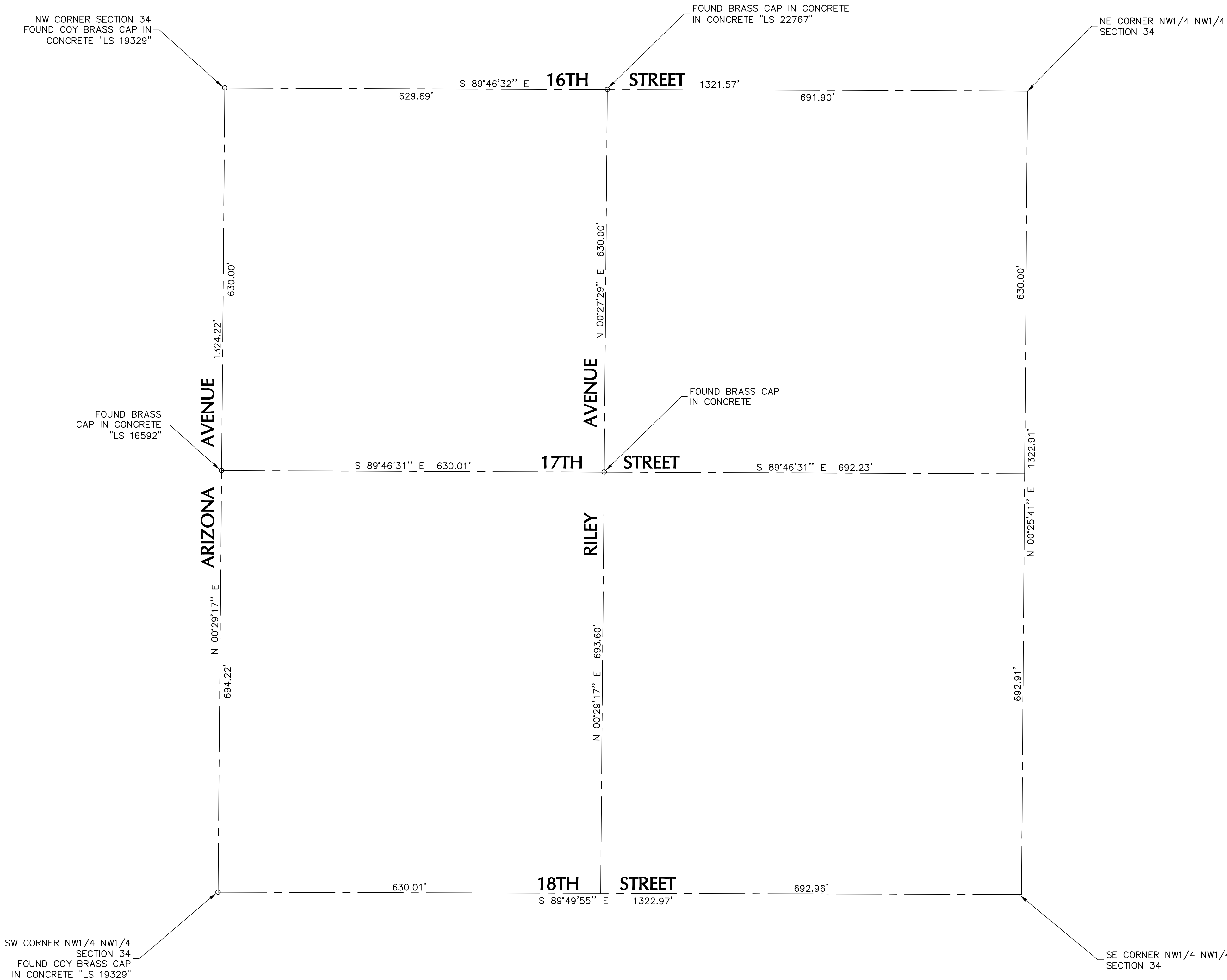
BEARINGS ARE RELATIVE TO NAD 1983 US STATE PLANE COORDINATE SYSTEM (ARIZONA WEST) AS MEASURED BY KINEMATIC GPS OBSERVATIONS

### BENCHMARK

PROJECT ELEVATIONS ESTABLISHED FROM GPS DERIVED ORTHOMETRIC HEIGHTS BY APPLICATION OF NGS GEOID MODELED SEPARATIONS TO ELIPSOID HEIGHTS DETERMINED BY OBSERVATIONS OF THE GPS REAL TIME NETWORK. ALL ELEVATIONS SHOWN HEREON ARE REFERENCED TO NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88)

### SHEET INDEX

- |   |                                |
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| 1 | COVER SHEET                    |
| 2 | SHEET INDEX AND SURVEY CONTROL |
| 3 | DIMENSION & STATIONING PLAN    |
| 4 | PAVING PLAN                    |
| 5 | GRADING PLAN                   |
| 6 | DETAILS                        |



### CITY OF YUMA

ENGINEERING DEPARTMENT

|                 |                                  |                   |
|-----------------|----------------------------------|-------------------|
| DATE: 8-17-26   | APPROVED BY: KEVIN A. DAHL, P.E. | DRAWN BY: DRA     |
| SCALE: 1"= 100' |                                  | CIP NO: CDBG-0004 |

18TH STREET AND RILEY AVENUE IMPROVEMENTS

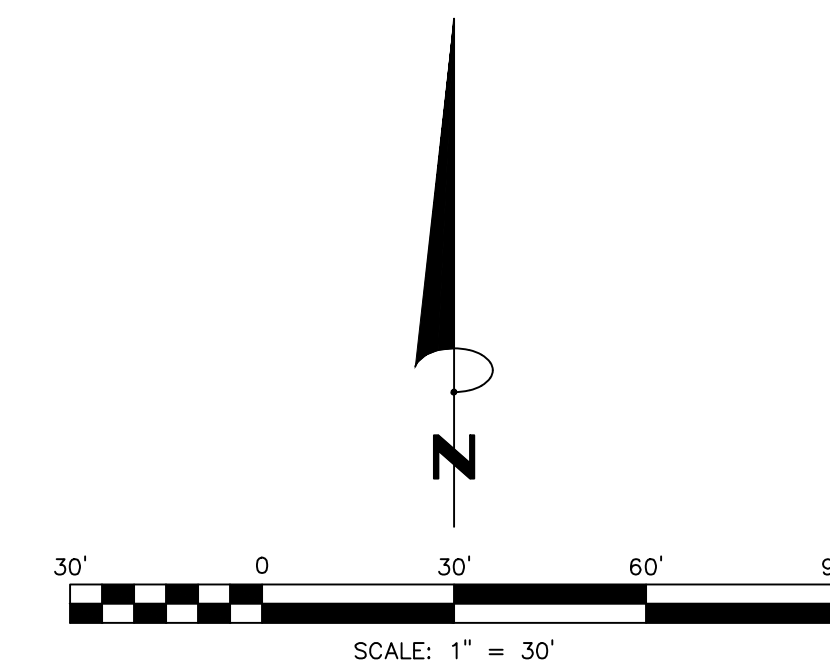
SURVEY CONTROL

SHEET NO.  
2

UTILITY DISCLAIMER

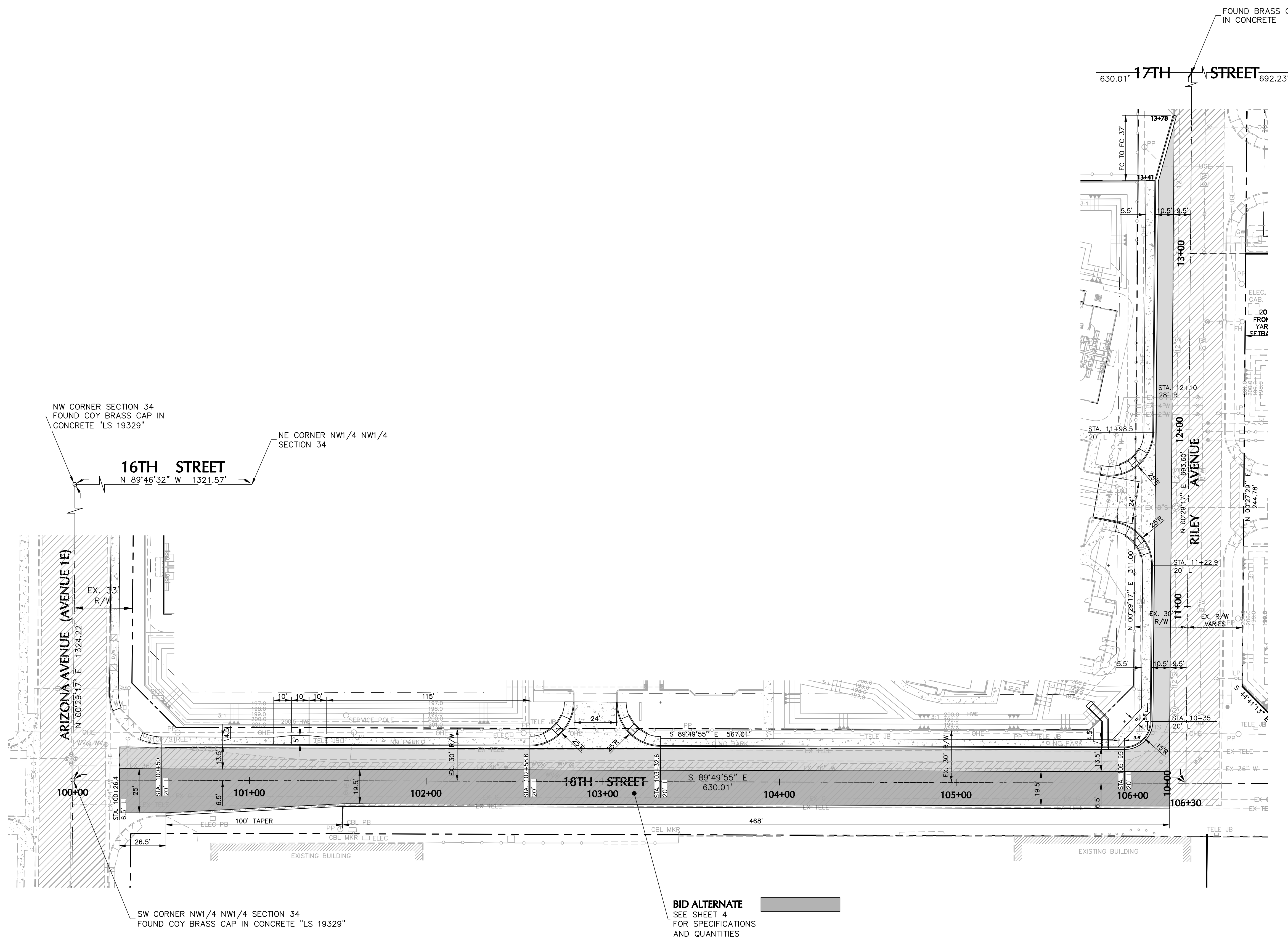
WARNING!!! THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE ENGINEER MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE ENGINEER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE ENGINEER HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES. IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE ALL UTILITIES, BOTH VERTICALLY AND HORIZONTALLY, AND IMMEDIATELY NOTIFY THE ENGINEER OF ANY DISCREPANCIES.

Call at least two full working days before you begin excavation.  
**ARIZONA 811**  
ARIZONA BLUE STAKE, INC.  
Dial 8-1-1 or 1-800-STAKE-IT (782-5348)  
In Maricopa County: (602) 263-1100



NOTES

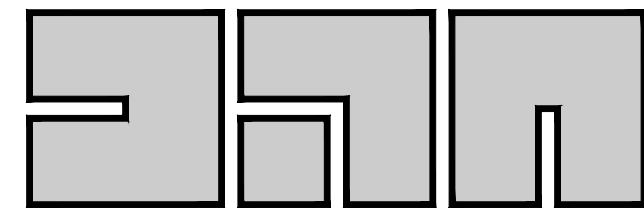
1. DIMENSIONS ARE FROM FACE OF CURB.
2. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL PROVIDE A TRAFFIC CONTROL PLAN.
3. CONTRACTOR TO OBTAIN ENCROACHMENT PERMIT FOR ALL WORK WITHIN CITY RIGHT-OF-WAY.
4. CONTRACTOR SHALL MAINTAIN ACCESS AT ALL TIMES.



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|                                           |             |
|-------------------------------------------|-------------|
| 18TH STREET AND RILEY AVENUE IMPROVEMENTS | SHEET NO. 3 |
| DIMENSION & STATIONING PLAN               |             |



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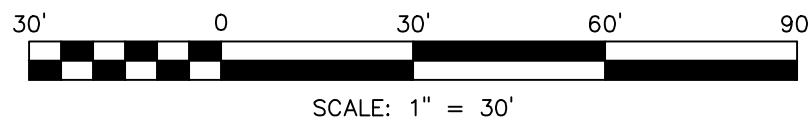
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SCHEDULE OF NEW CONSTRUCTION UNIT QUANTITIES THIS SHEET

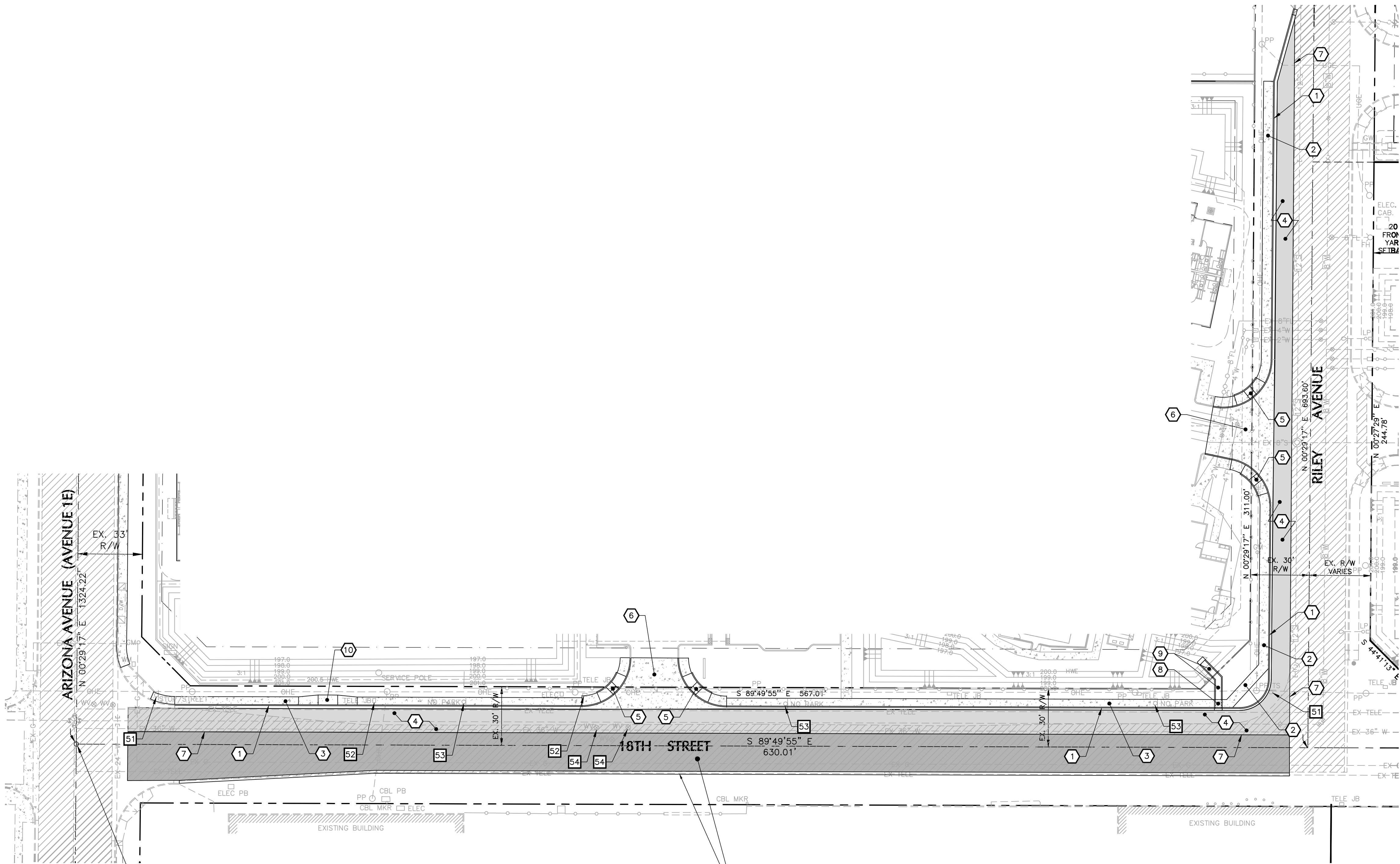
|    |                                                                 |      |      |
|----|-----------------------------------------------------------------|------|------|
| 1  | VERTICAL CURB AND GUTTER PER COY STANDARD NO. 3-060             | L.F. | 936  |
| 2  | 4" THICK 5' WIDE CONCRETE SIDEWALK PER COY STANDARD NO. 3-135   | S.F. | 1425 |
| 3  | 4" THICK 4' WIDE CONCRETE SIDEWALK PER COY STANDARD NO. 3-135   | S.F. | 2090 |
| 4  | ASPHALTIC CONCRETE PAVEMENT (AC) - SEE DETAIL B/6               | S.Y. | 1160 |
| 5  | SIDEWALK RAMP PER COY STANDARD NO. 3-145                        | EA.  | 4    |
| 6  | DRIVEWAY WITH CURB RETURNS PER COY STANDARD NO. 3-120           | S.F. | 2120 |
| 7  | SAWCUT EXISTING ASPHALT AND DISPOSE OF ASPHALT - SEE DETAIL A/6 | L.F. | 962  |
| 8  | CONCRETE SCUPPER PER COY STANDARD NO. 11-050                    | EA.  | 1    |
| 9  | CONCRETE SPILLWAY - SEE DETAIL C/6                              | EA.  | 1    |
| 10 | SIDEWALK ADA PASSING ZONE PER COY STANDARD NO. 3-140            | EA.  | 1    |

SCHEDULE OF WORK BY OTHERS UNIT QUANTITIES THIS SHEET

|    |                                             |     |   |
|----|---------------------------------------------|-----|---|
| 51 | REMOVE AND RELOCATE EXISTING "STOP" SIGN    | EA. | 2 |
| 52 | RELOCATE EXISTING TELEPHONE JUNCTION BOX    | EA. | 2 |
| 53 | REMOVE AND RELOCATE EXISTING "NO PARK" SIGN | EA. | 3 |
| 54 | RAISE EXISTING WATER VALVE TO GRADE         | EA. | 2 |

PAVEMENT SECTION

NEW ASPHALTIC CONCRETE PAVEMENT - SEE DETAIL B/6



SW CORNER NW1/4 NW1/4 SECTION 34  
FOUND COY BRASS CAP IN CONCRETE "LS 19329"

BID ALTERNATE

- SWEETEN ABC AS REQUIRED TO PROVIDE 2% CROSS SLOPE
- 3" ASPHALT PAVING COMPACTED TO 95% PER ASTM D-1559 (75 MARSHALL DENSITY)
- USE CITY OF YUMA 1/2" ASPHALT MIX DESIGN
- 18" WIDE CONCRETE BORDER CURB ALONG SOUTH SIDE - SEE DETAIL D/6

QUANTITIES

3" ASPHALT PAVING = 1333 S.Y.  
18" WIDE CONCRETE BORDER CURB = 570 L.F.



CITY OF YUMA  
ENGINEERING DEPARTMENT

DATE: 8-17-26 APPROVED BY: KEVIN A. DAHL, P.E. DRAWN BY: DRA  
SCALE: 1"= 30' CIP NO: CDBG-0004

18TH STREET AND RILEY AVENUE IMPROVEMENTS

PAVING PLAN

SHEET NO.  
4

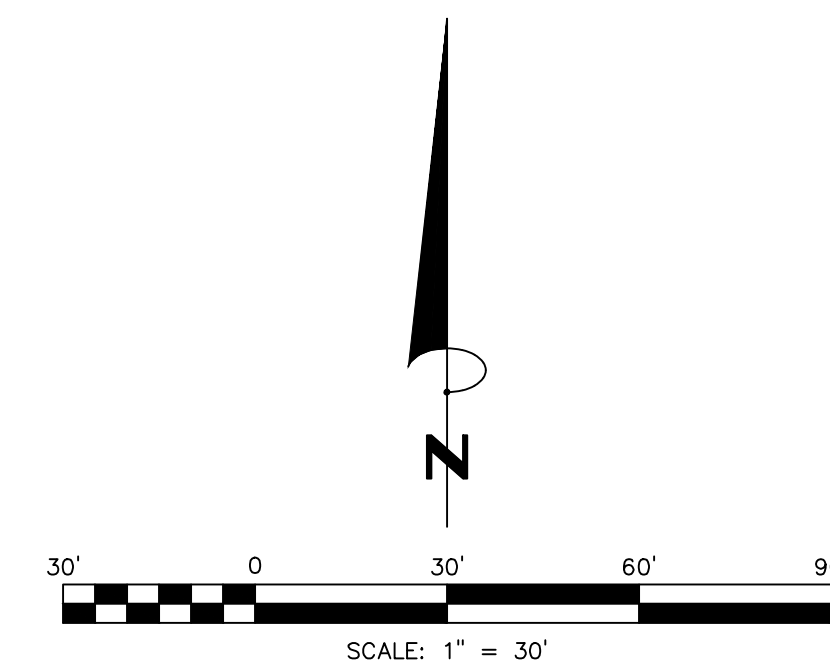
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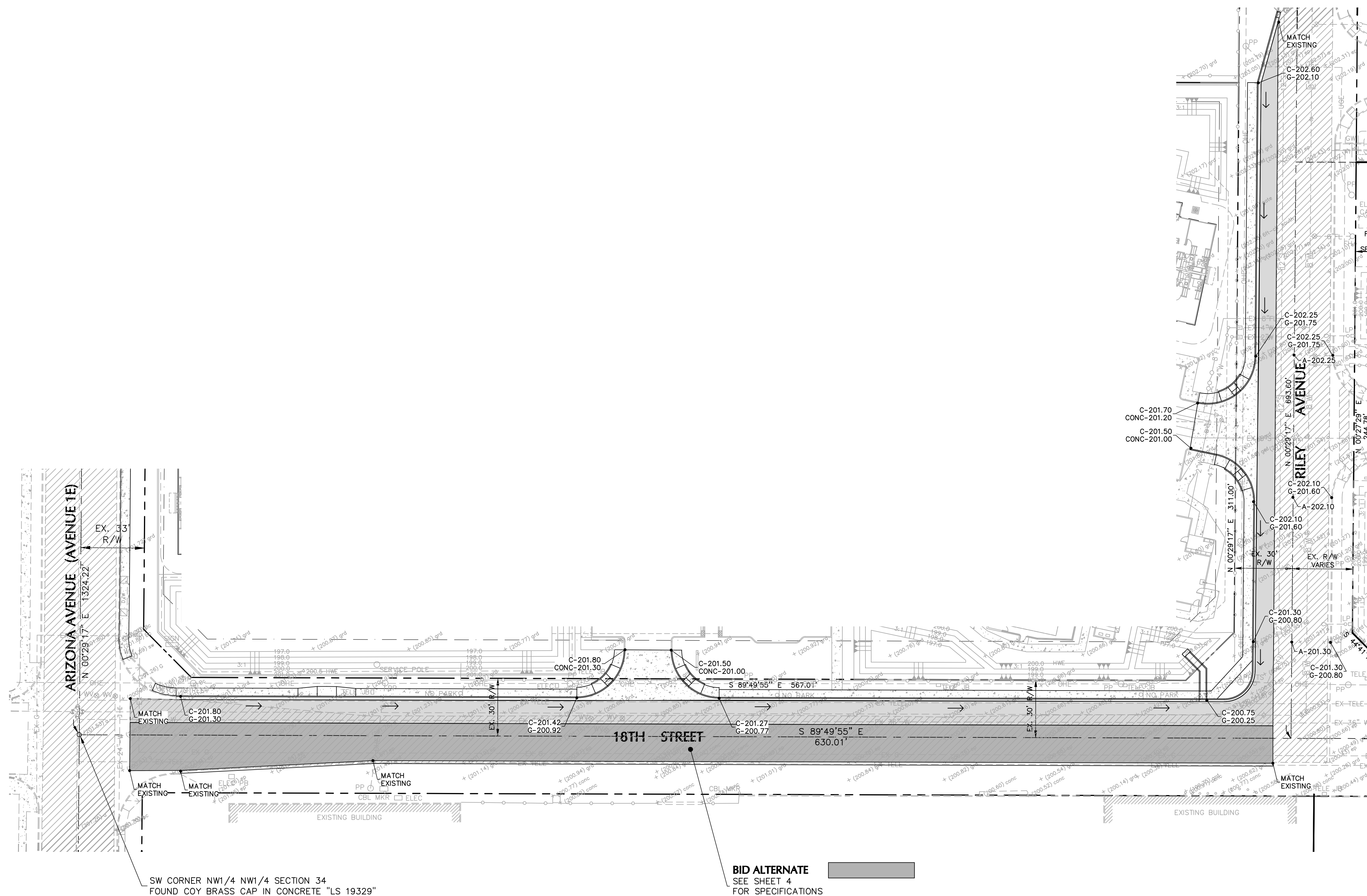


LEGEND

|             |                              |                 |                             |
|-------------|------------------------------|-----------------|-----------------------------|
| C-000.00    | NEW CURB ELEVATION           | + (283.89) bc   | EXISTING CURB ELEVATION     |
| G-000.00    | NEW GUTTER ELEVATION         | + (283.39) g    | EXISTING GUTTER ELEVATION   |
| A-000.00    | NEW ASPHALT ELEVATION        | + (283.19) a    | EXISTING ASPHALT ELEVATION  |
| CONC-000.00 | NEW CONCRETE ELEVATION       | + (283.19) conc | EXISTING CONCRETE ELEVATION |
| FG-000.00   | NEW FINISHED GRADE ELEVATION | + (285.68) grd  | EXISTING GRADE ELEVATION    |
| TOW-000.00  | NEW TOP OF WALL ELEVATION    | ←               | DRAINAGE FLOW ARROW         |

PAVEMENT SECTION

NEW ASPHALTIC CONCRETE PAVEMENT - SEE DETAIL B/6



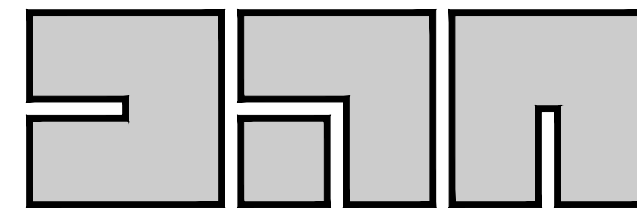
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18TH STREET AND RILEY AVENUE IMPROVEMENTS

GRADING PLAN

SHEET NO.  
5



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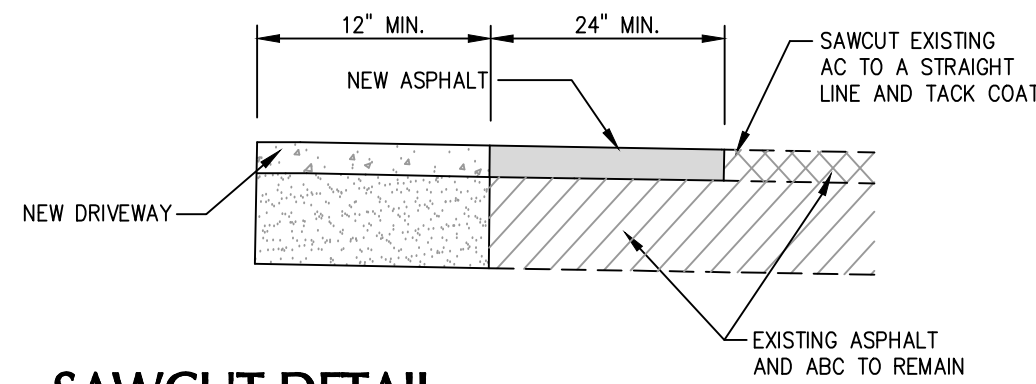
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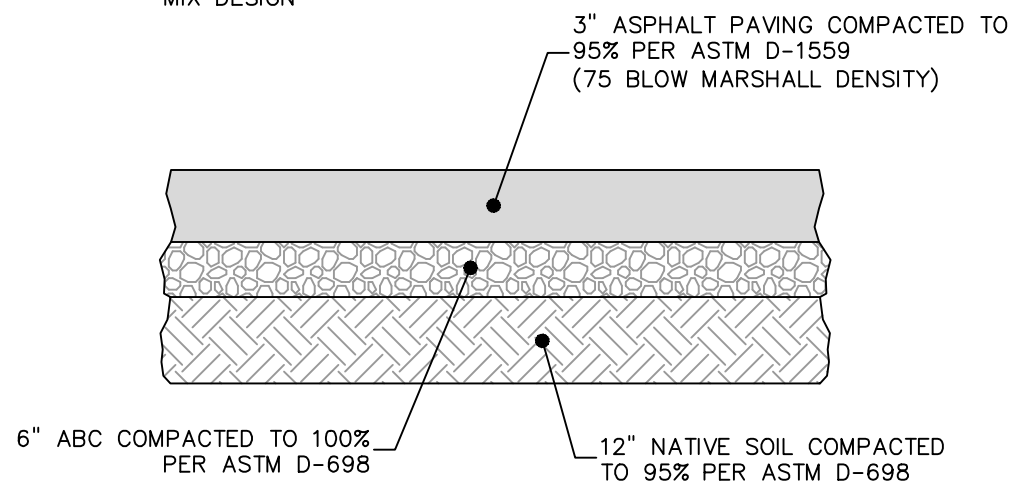
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#### SAWCUT DETAIL

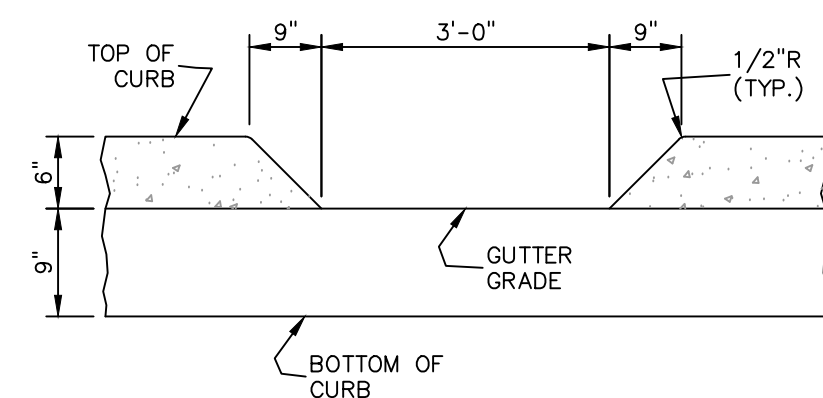
A  
6

NOTE:  
USE CITY OF YUMA 1/2" ASPHALT  
MIX DESIGN

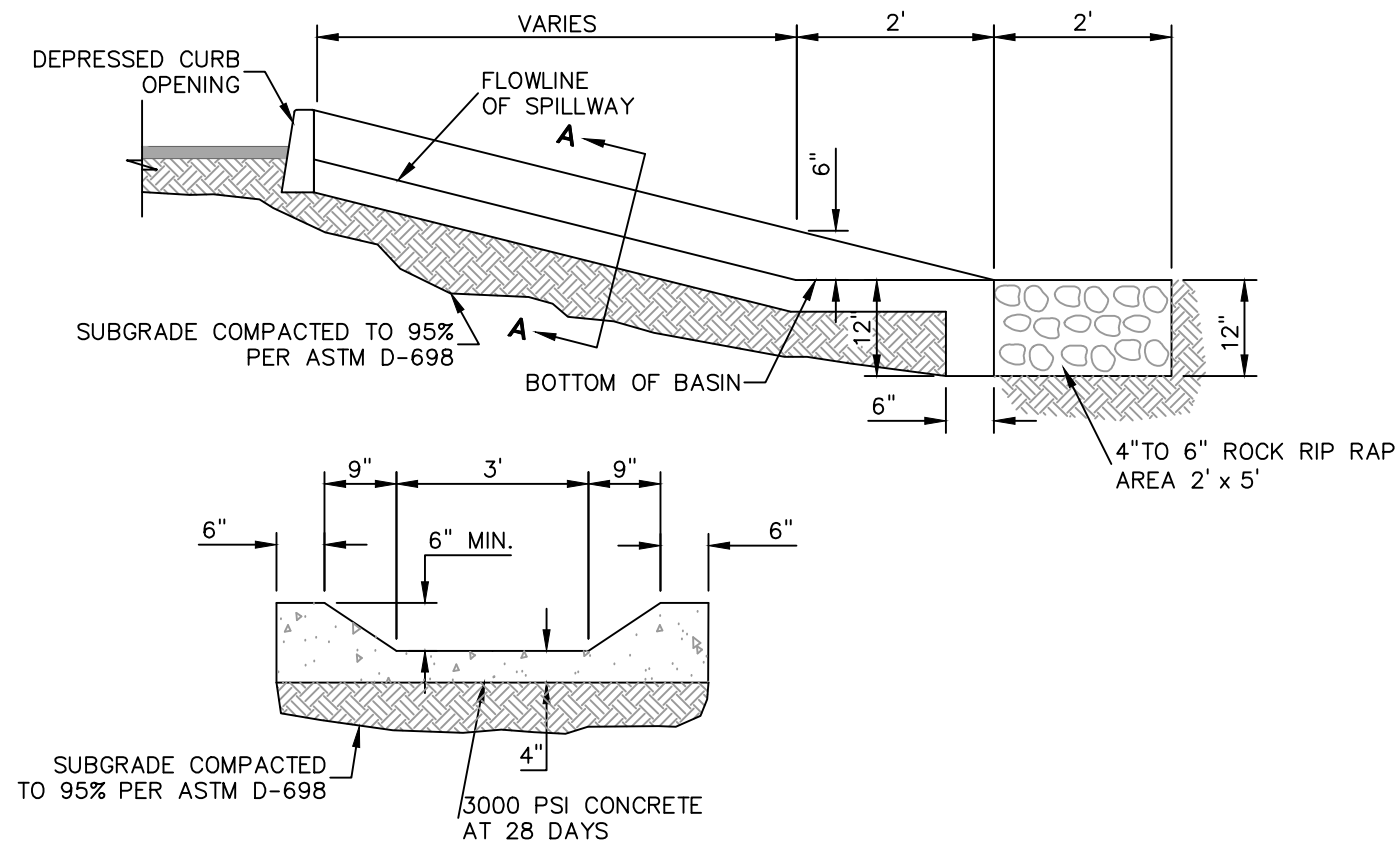


#### PAVEMENT SECTION

B  
6

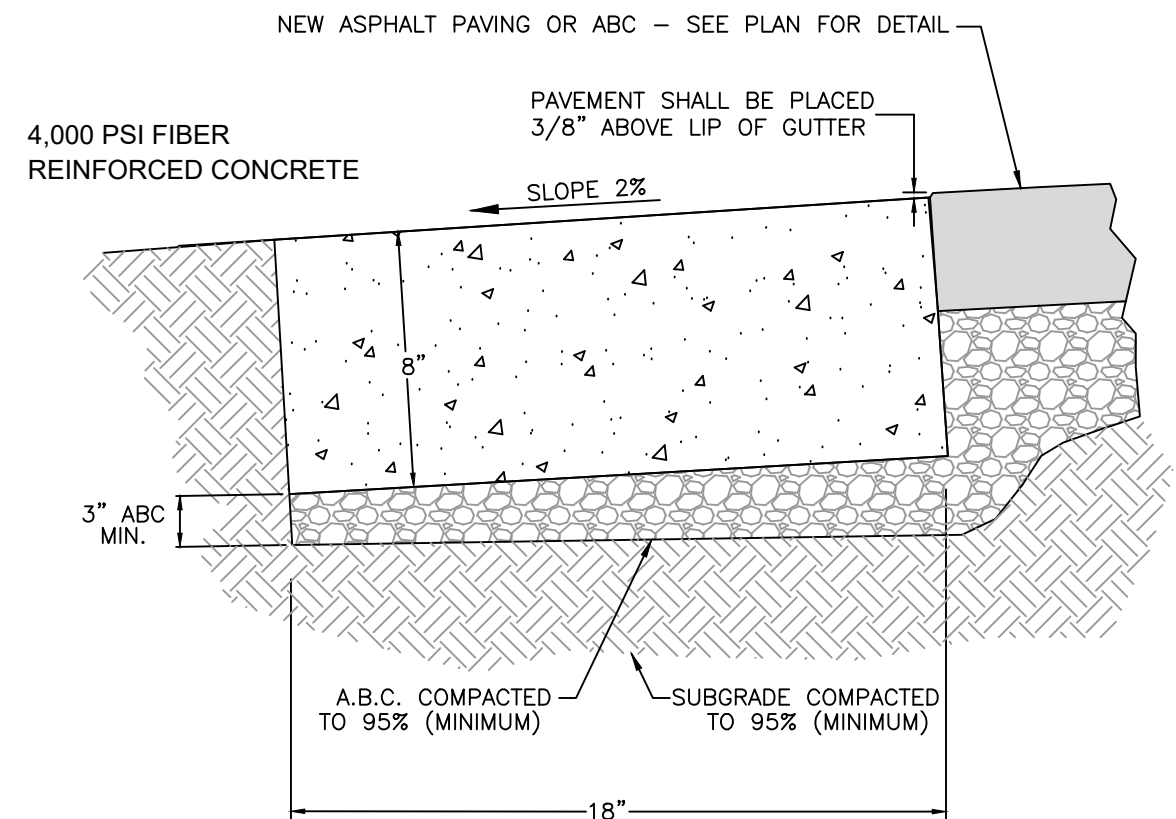


#### DEPRESSED CURB OPENING @ SPILLWAY



#### SPILLWAY

C  
6



#### NOTES

- Curb may be constructed by the use of forms or the concrete may be machine extruded.
- Contraction joint spacing shall be either hand tooled and/or saw cut and shall be placed no further than ten feet (10') apart. Contraction joint shall have a minimum depth of two inches (2").
- Expansion joints shall be located at tangent points, in curb returns, at structures and at a maximum of twenty foot (20') intervals. The one-half inch (1/2") joint filler material shall be the bituminous type meeting the A.A.S.H.T.O. M-33 or the A.S.T.M. D-1751 specifications and shall extend the full depth of the concrete.
- Curb shall be finished with steel trowel followed by a longitudinal brush broom finish. All exposed edges and hand tooled joints shall have a one-quarter inch (1/4") radius unless a larger radius is called for in the construction plans.

#### BORDER CURB

D  
6



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18TH STREET AND RILEY AVENUE IMPROVEMENTS

DETAILS

SHEET NO.  
6