

# OLD ARCATA ROAD IMPROVEMENTS

## CITY OF ARCATA

### PROJECT NO. RPSTPL - 5021(023)

#### JANUARY 2023

TO BE SUPPLEMENTED BY STATE OF CALIFORNIA DEPARTMENT OF  
TRANSPORTATION 2022 STANDARD PLANS, 2022 STANDARD SPECIFICATIONS,  
AND LATEST REVISED STANDARD PLANS AND SPECIFICATIONS.

AREA MAP

NOT TO SCALE

LOCATION MAP

NOT TO SCALE

APPROVALS

RECOMMENDED

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RCE 70358  
CIVIL ENGINEER  
GHD INC.

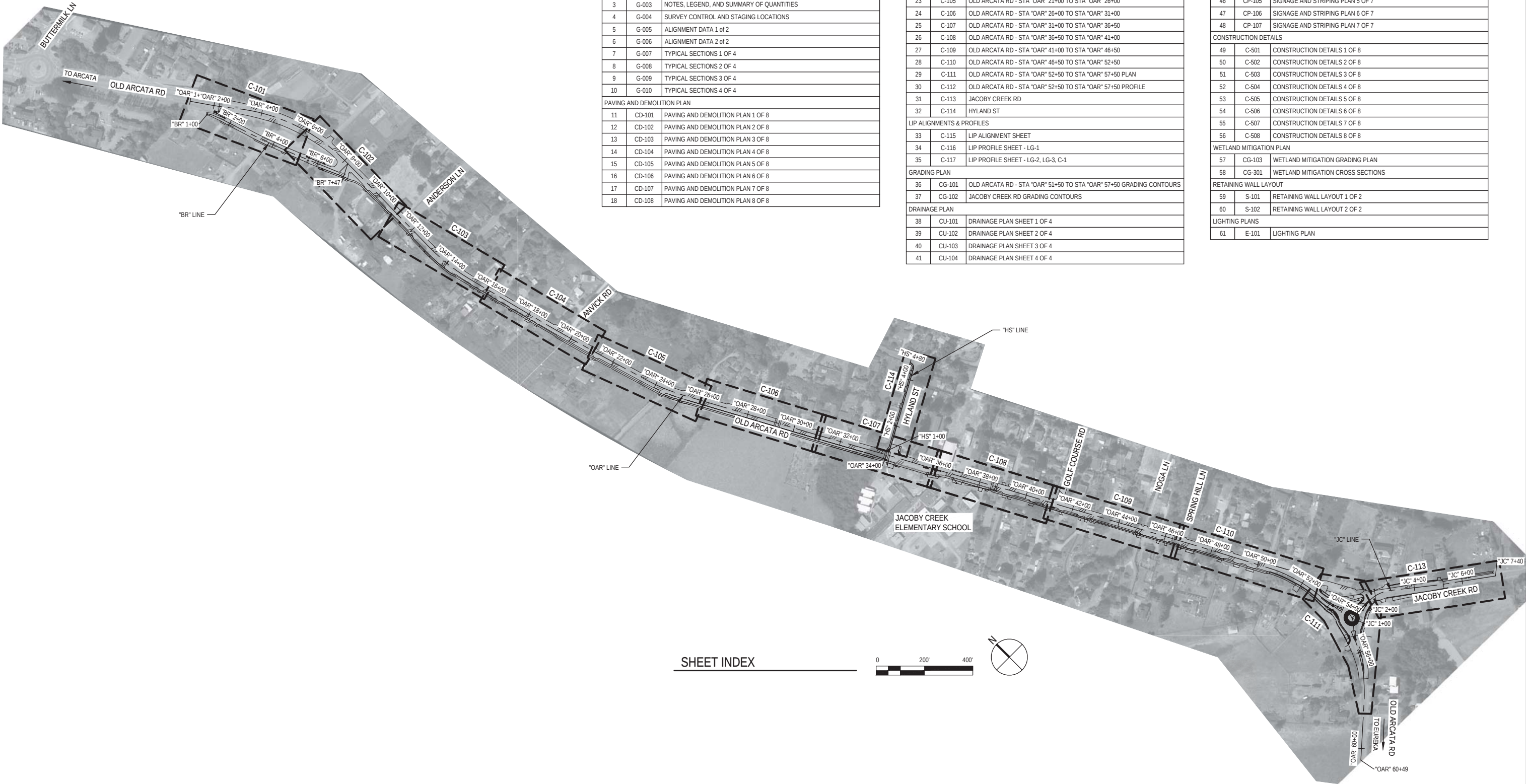
DATE

APPROVED

NETRA KHATRI  
RCE 75428  
CITY ENGINEER  
CITY OF ARCATA

DATE

DRAFT



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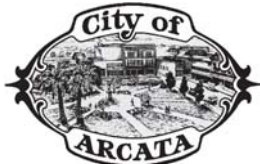
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90% PLANS  
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0 1"

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| Drafting<br>Check                                                                                 | J. WOLF  | Design<br>Check | J. WOLF   |
| Project<br>Manager                                                                                | J. WOLF  | Date            | 1/23/2023 |
| This document shall not be used for<br>construction unless signed and sealed for<br>construction. |          | Scale           | AS SHOWN  |

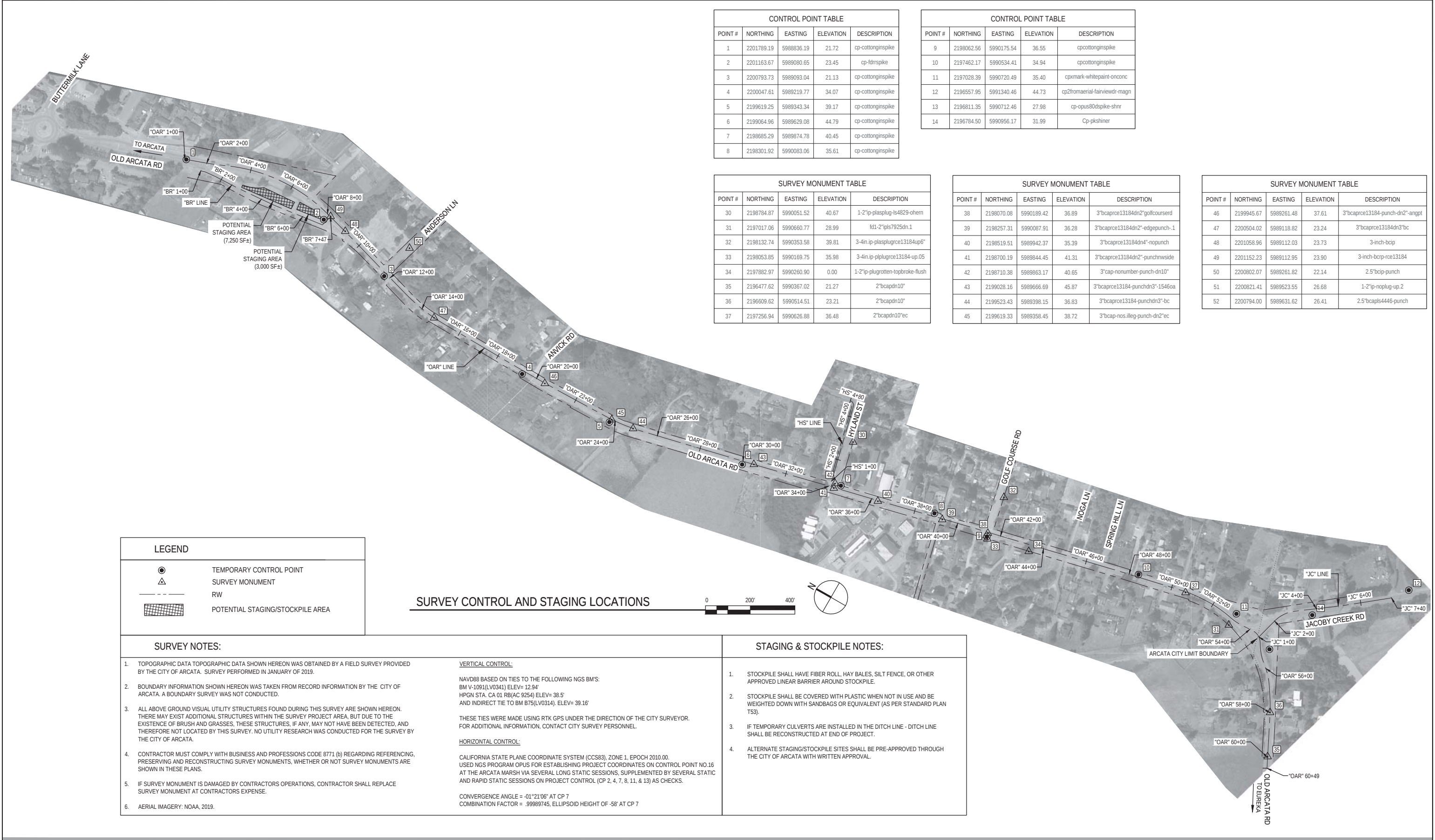
Client CITY OF ARCATA  
Project OLD ARCATA ROAD IMPROVEMENTS  
Title SHEET INDEX

Project No. 11159130

ANSI D Sheet No. G-002

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| CONTROL POINT TABLE |            |            |           |                   |
|---------------------|------------|------------|-----------|-------------------|
| POINT #             | NORTHING   | EASTING    | ELEVATION | DESCRIPTION       |
| 1                   | 2201789.19 | 5988836.19 | 21.72     | cp-cottonginspike |
| 2                   | 2201163.67 | 5989080.65 | 23.45     | cp-fdrspike       |
| 3                   | 2200793.73 | 5989093.04 | 21.13     | cp-cottonginspike |
| 4                   | 2200047.61 | 5989219.77 | 34.07     | cp-cottonginspike |
| 5                   | 2199619.25 | 5989343.34 | 39.17     | cp-cottonginspike |
| 6                   | 2199064.96 | 5989629.08 | 44.79     | cp-cottonginspike |
| 7                   | 2198685.29 | 5989874.78 | 40.45     | cp-cottonginspike |
| 8                   | 2198301.92 | 5990083.06 | 35.61     | cp-cottonginspike |

| CONTROL POINT TABLE |            |            |           |                               |
|---------------------|------------|------------|-----------|-------------------------------|
| POINT #             | NORTHING   | EASTING    | ELEVATION | DESCRIPTION                   |
| 9                   | 2198062.56 | 5990175.54 | 36.55     | cpcottonginspike              |
| 10                  | 2197462.17 | 5990534.41 | 34.94     | cpcottonginspike              |
| 11                  | 2197028.39 | 5990720.49 | 35.40     | cpemark-whitepaint-onconc     |
| 12                  | 2196557.95 | 5991340.46 | 44.73     | cp2fromaerial-fairviewdr-magn |
| 13                  | 2196811.35 | 5990712.46 | 27.98     | cp-opus80dspike-shnr          |
| 14                  | 2196784.50 | 5990956.17 | 31.99     | Cp-pkshiner                   |

| SURVEY MONUMENT TABLE |            |            |           |                                  |
|-----------------------|------------|------------|-----------|----------------------------------|
| POINT #               | NORTHING   | EASTING    | ELEVATION | DESCRIPTION                      |
| 30                    | 2198784.87 | 5990051.52 | 40.67     | 1-2"ip-plasplug-is4829-ohern     |
| 31                    | 2197017.06 | 5990660.77 | 28.99     | fd1-2"ips7925dn.1                |
| 32                    | 2198132.74 | 5990353.58 | 39.81     | 3-4in.ip-plasplugrce13184up6"    |
| 33                    | 2198053.85 | 5990169.75 | 35.98     | 3-4in.ip-plplugrce13184-up.05    |
| 34                    | 2197882.97 | 5990260.90 | 0.00      | 1-2"ip-plugrotten-topbroke-flush |
| 35                    | 2196477.62 | 5990367.02 | 21.27     | 2"bcapdn10"                      |
| 36                    | 2196609.62 | 5990514.51 | 23.21     | 2"bcapdn10"                      |
| 37                    | 2197256.94 | 5990626.88 | 36.48     | 2"bcapdn10"ec                    |

| SURVEY MONUMENT TABLE |            |            |           |                                |
|-----------------------|------------|------------|-----------|--------------------------------|
| POINT #               | NORTHING   | EASTING    | ELEVATION | DESCRIPTION                    |
| 38                    | 2198070.08 | 5990189.42 | 36.89     | 3"bcaprc13184dn2"golcourse1rd  |
| 39                    | 2198257.31 | 5990087.91 | 36.28     | 3"bcaprc13184dn2"-edgepunch-1  |
| 40                    | 2198519.51 | 5989942.37 | 35.39     | 3"bcaprc13184dn4"-nopunch      |
| 41                    | 2198700.19 | 5989844.45 | 41.31     | 3"bcaprc13184dn2"-punchnwside  |
| 42                    | 2198710.38 | 5989863.17 | 40.65     | 3"cap-nonumber-punch-dn10"     |
| 43                    | 2199028.16 | 5989666.69 | 45.87     | 3"bcaprc13184-punchdn3"-1546oa |
| 44                    | 2199523.43 | 5989398.15 | 36.83     | 3"bcaprc13184-punchdn3"-bc     |
| 45                    | 2199619.33 | 5989358.45 | 38.72     | 3"bcap-nos.illeg-punch-dn2"ec  |

| SURVEY MONUMENT TABLE |            |            |           |                                |
|-----------------------|------------|------------|-----------|--------------------------------|
| POINT #               | NORTHING   | EASTING    | ELEVATION | DESCRIPTION                    |
| 46                    | 2199945.67 | 5989261.48 | 37.61     | 3"bcaprc13184-punch-dn2"-angpt |
| 47                    | 2200504.02 | 5989118.82 | 23.24     | 3"bcaprc13184dn3"bc            |
| 48                    | 2201058.96 | 5989112.03 | 23.73     | 3-inch-bcip                    |
| 49                    | 2201152.23 | 5989112.95 | 23.90     | 3-inch-bcrp-rce13184           |
| 50                    | 2200802.07 | 5989261.82 | 22.14     | 2.5"bcip-punch                 |
| 51                    | 2200821.41 | 5989523.55 | 26.68     | 1-2"ip-noplug-up.2             |
| 52                    | 2200794.00 | 5989631.62 | 26.41     | 2.5"bcapls4446-punch           |

| LEGEND |                                  |
|--------|----------------------------------|
|        | TEMPORARY CONTROL POINT          |
|        | SURVEY MONUMENT                  |
|        | RW                               |
|        | POTENTIAL STAGING/STOCKPILE AREA |

SURVEY CONTROL AND STAGING LOCATIONS

| SURVEY NOTES:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | STAGING & STOCKPILE NOTES:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div>1. TOPOGRAPHIC DATA TOPOGRAPHIC DATA SHOWN HEREON WAS OBTAINED BY A FIELD SURVEY PROVIDED BY THE CITY OF ARCATA. SURVEY PERFORMED IN JANUARY OF 2019.</div> <div>2. BOUNDARY INFORMATION SHOWN HEREON WAS TAKEN FROM RECORD INFORMATION BY THE CITY OF ARCATA. A BOUNDARY SURVEY WAS NOT CONDUCTED.</div> <div>3. ALL ABOVE GROUND VISUAL UTILITY STRUCTURES FOUND DURING THIS SURVEY ARE SHOWN HEREON. THERE MAY EXIST ADDITIONAL STRUCTURES WITHIN THE SURVEY PROJECT AREA, BUT DUE TO THE EXISTENCE OF BRUSH AND GRASSES, THESE STRUCTURES, IF ANY, MAY NOT HAVE BEEN DETECTED, AND THEREFORE NOT LOCATED BY THIS SURVEY. NO UTILITY RESEARCH WAS CONDUCTED FOR THE SURVEY BY THE CITY OF ARCATA.</div> <div>4. CONTRACTOR MUST COMPLY WITH BUSINESS AND PROFESSIONS CODE 8771 (b) REGARDING REFERENCING, PRESERVING AND RECONSTRUCTING SURVEY MONUMENTS, WHETHER OR NOT SURVEY MONUMENTS ARE SHOWN IN THESE PLANS.</div> <div>5. IF SURVEY MONUMENT IS DAMAGED BY CONTRACTORS OPERATIONS, CONTRACTOR SHALL REPLACE SURVEY MONUMENT AT CONTRACTORS EXPENSE.</div> <div>6. AERIAL IMAGERY: NOAA, 2019.</div> | <div><u>VERTICAL CONTROL:</u></div> <div>NAVD88 BASED ON TIES TO THE FOLLOWING NGS BM'S:<br/>BM V-1091(LV0341) ELEV= 12.94'<br/>HPGN STA. CA 01 RB(AC 9254) ELEV= 38.5'<br/>AND INDIRECT TIE TO BM 875(LV0314). ELEV= 39.16'</div> <div>THESE TIES WERE MADE USING RTK GPS UNDER THE DIRECTION OF THE CITY SURVEYOR. FOR ADDITIONAL INFORMATION, CONTACT CITY SURVEY PERSONNEL.</div> <div><u>HORIZONTAL CONTROL:</u></div> <div>CALIFORNIA STATE PLANE COORDINATE SYSTEM (CCSR3), ZONE 1, EPOCH 2010.00.<br/>USED NGS PROGRAM OPUS FOR ESTABLISHING PROJECT COORDINATES ON CONTROL POINT NO.16 AT THE ARCATA MARSH VIA SEVERAL LONG STATIC SESSIONS, SUPPLEMENTED BY SEVERAL STATIC AND RAPID STATIC SESSIONS ON PROJECT CONTROL (CP 2, 4, 7, 8, 11 &amp; 13) AS CHECKS.</div> <div>CONVERGENCE ANGLE = -01°21'06" AT CP 7<br/>COMBINATION FACTOR = .9989745, ELLIPSOID HEIGHT OF -58" AT CP 7</div> | <div>1. STOCKPILE SHALL HAVE FIBER ROLL, HAY BALES, SILT FENCE, OR OTHER APPROVED LINEAR BARRIER AROUND STOCKPILE.</div> <div>2. STOCKPILE SHALL BE COVERED WITH PLASTIC WHEN NOT IN USE AND BE WEIGHTED DOWN WITH SANDBAGS OR EQUIVALENT (AS PER STANDARD PLAN T53).</div> <div>3. IF TEMPORARY CULVERTS ARE INSTALLED IN THE DITCH LINE - DITCH LINE SHALL BE RECONSTRUCTED AT END OF PROJECT.</div> <div>4. ALTERNATE STAGING/STOCKPILE SITES SHALL BE PRE-APPROVED THROUGH THE CITY OF ARCATA WITH WRITTEN APPROVAL.</div> |

90% PLANS

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Bar is one inch on original size sheet

0 1"

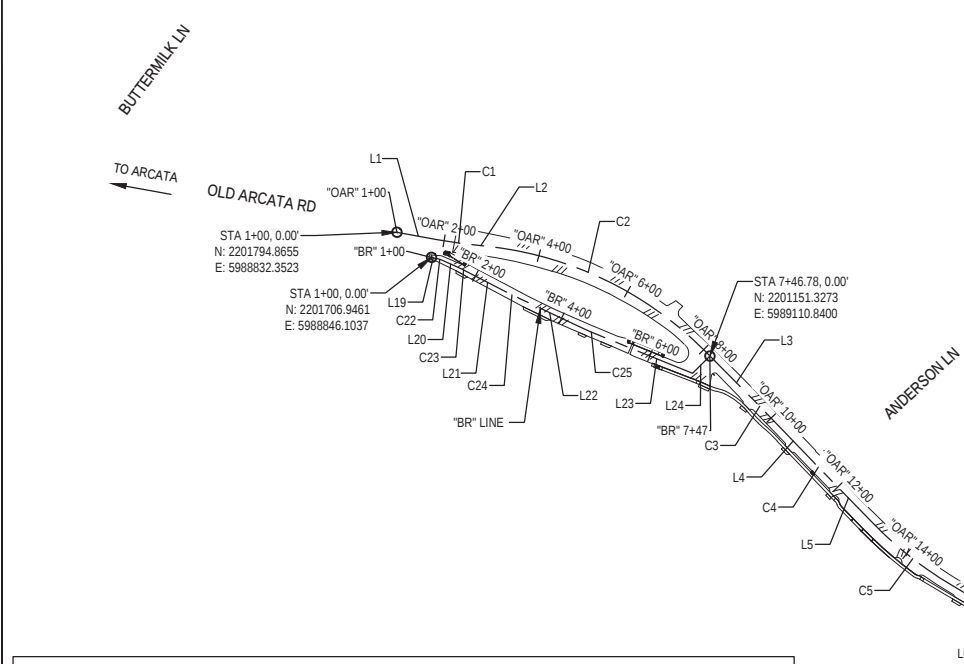
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|                                                                                             |          |              |           |
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| Drawn                                                                                       | C. PENNY | Designer     | C. PENNY  |
| Drafting Check                                                                              | J. WOLF  | Design Check | J. WOLF   |
| Project Manager                                                                             | J. WOLF  | Date         | 1/23/2023 |
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| Scale                                                                                       | AS SHOWN |              |           |

|             |                                      |           |         |
|-------------|--------------------------------------|-----------|---------|
| Client      | CITY OF ARCATA                       |           |         |
| Project     | OLD ARCATA ROAD IMPROVEMENTS         |           |         |
| Title       | SURVEY CONTROL AND STAGING LOCATIONS |           |         |
| Project No. | 11159130                             |           |         |
| ANSI D      | Original Size                        | Sheet No. | G-004   |
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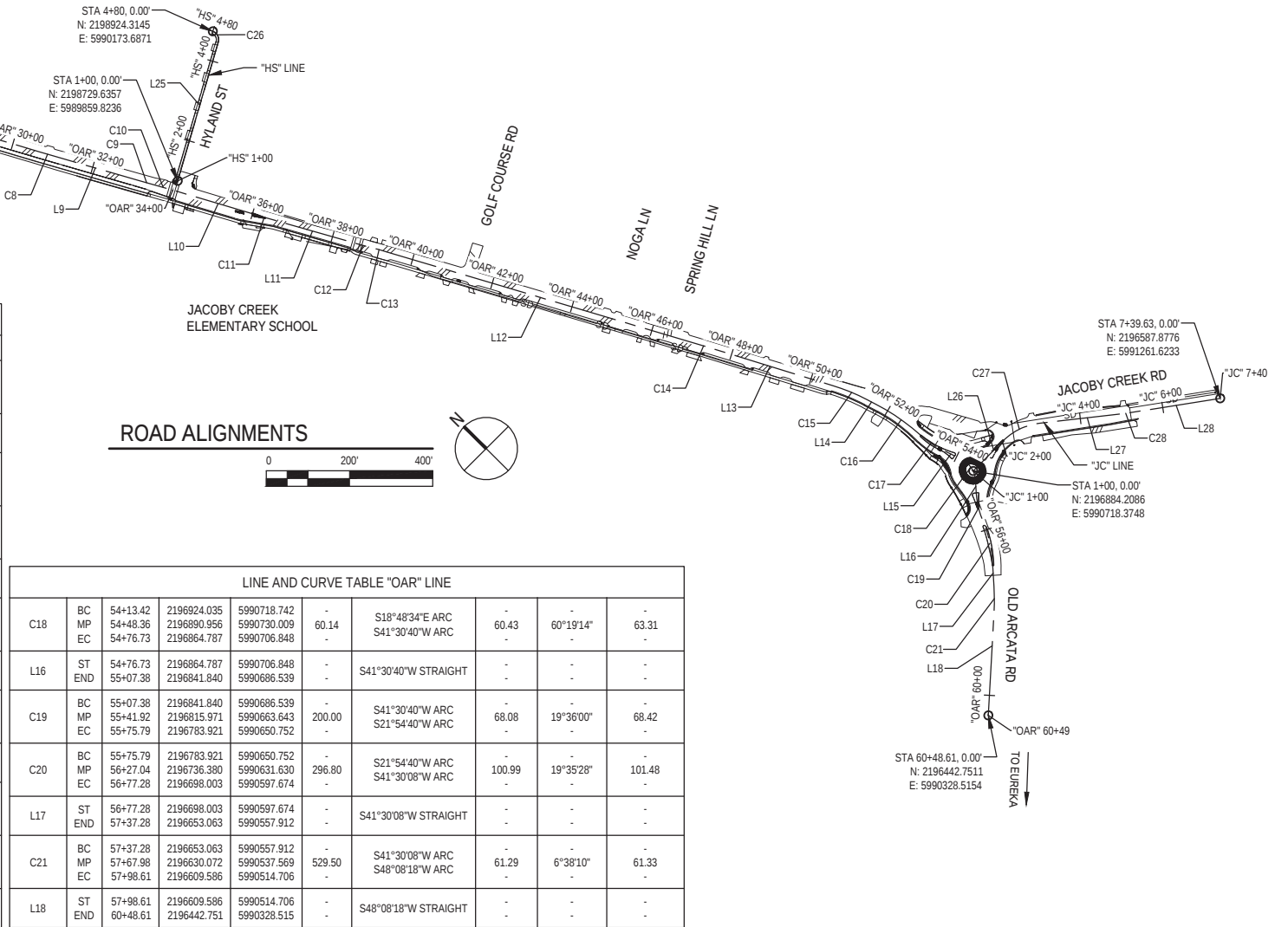
| LINE AND CURVE TABLE "OAR" LINE |                |                                  |                                           |                                           |          |                                    |         |           |
|---------------------------------|----------------|----------------------------------|-------------------------------------------|-------------------------------------------|----------|------------------------------------|---------|-----------|
| NUMBER                          |                | STATION                          | NORTHING                                  | EASTING                                   | RADII    | BEARING                            | TANGENT | DEF ANGLE |
| L1                              | ST<br>END      | 1+00.00<br>1+87.56               | 2201794.865<br>2201722.888                | 5988832.352<br>5988882.204                | -        | S34°42'24" STRAIGHT                | -       | -         |
| C1                              | BC<br>MP<br>EC | 1+87.56<br>2+22.68<br>2+57.77    | 2201722.888<br>2201694.017<br>2201666.620 | 5988882.204<br>5988902.200<br>5988924.172 | 1000.00  | S34°42'24"E ARC<br>S38°43'46"E ARC | -       | 70.21     |
| L2                              | ST<br>END      | 2+57.77<br>2+93.12               | 2201666.620<br>2201639.041                | 5988924.172<br>5988946.291                | -        | S38°43'46" STRAIGHT                | -       | -         |
| C2                              | BC<br>MP<br>EC | 2+93.12<br>5+58.19<br>8+02.72    | 2201639.041<br>2201432.252<br>2201167.178 | 5988946.291<br>5989112.133<br>5989111.204 | 750.00   | S38°43'46"E ARC<br>S0°12'04"W ARC  | 499.85  | 38°55'49" |
| L3                              | ST<br>END      | 8+02.72<br>9+49.64               | 2201167.178<br>2201020.256                | 5989111.204<br>5989110.688                | -        | S0°12'04"W STRAIGHT                | -       | -         |
| C3                              | BC<br>MP<br>EC | 9+49.64<br>9+65.46<br>9+81.29    | 2201020.256<br>2201004.431<br>2200988.609 | 5989110.688<br>5989110.633<br>5989110.327 | 2000.00  | S0°12'04"W ARC<br>S1°06'28"W ARC   | 31.65   | 0°54'24"  |
| L4                              | ST<br>END      | 9+81.29<br>11+28.10              | 2200988.609<br>2200841.821                | 5989110.327<br>5989107.488                | -        | S1°06'28"W STRAIGHT                | -       | -         |
| C4                              | BC<br>MP<br>EC | 11+28.10<br>11+41.65<br>11+55.19 | 2200841.821<br>2200828.282<br>2200814.741 | 5989107.488<br>5989107.227<br>5989107.038 | 5000.00  | S1°06'28"W ARC<br>S0°47'51"W ARC   | 27.08   | 0°18'37"  |
| L5                              | ST<br>END      | 11+55.19<br>13+03.79             | 2200814.741<br>2200666.148                | 5989107.038<br>5989104.970                | -        | S0°47'51"W STRAIGHT                | -       | -         |
| C5                              | BC<br>MP<br>EC | 13+03.79<br>14+10.12<br>15+15.01 | 2200666.148<br>2200559.932<br>2200457.011 | 5989104.970<br>5989103.492<br>5989129.783 | 800.00   | S0°47'51"W ARC<br>S14°19'48"E ARC  | 210.60  | 15°07'38" |
| L6                              | ST<br>END      | 15+15.01<br>18+12.20             | 2200457.011<br>2200169.069                | 5989129.783<br>5989203.339                | -        | S14°19'48" STRAIGHT                | -       | -         |
| C6                              | BC<br>MP<br>EC | 18+12.20<br>20+19.49<br>22+26.72 | 2200169.069<br>2199968.227<br>2199769.683 | 5989203.339<br>5989254.645<br>5989314.230 | 10000.00 | S14°19'48"E ARC<br>S16°42'18"E ARC | 414.49  | 2°22'30"  |
| L7                              | ST<br>END      | 22+26.72<br>23+60.32             | 2199769.683<br>2199641.729                | 5989314.230<br>5989352.630                | -        | S16°42'18" STRAIGHT                | -       | -         |
| C7                              | BC<br>MP<br>EC | 23+60.32<br>24+40.63<br>25+20.39 | 2199641.729<br>2199564.801<br>2199494.191 | 5989352.630<br>5989375.717<br>5989413.997 | 780.00   | S16°42'18"E ARC<br>S28°27'48"E ARC | 159.79  | 11°45'30" |
| L8                              | ST<br>END      | 25+20.39<br>30+66.31             | 2199494.191<br>2199014.263                | 5989413.997<br>5989674.178                | -        | S28°27'48" STRAIGHT                | -       | -         |
| C8                              | BC<br>MP<br>EC | 30+66.31<br>30+85.48<br>31+04.05 | 2199014.263<br>2198997.407<br>2198990.622 | 5989674.178<br>5989683.316<br>5989692.583 | 5000.00  | S28°27'48"E ARC<br>S28°54'10"E ARC | 38.35   | 0°26'22"  |
| L9                              | ST<br>END      | 31+04.05<br>33+14.99             | 2198990.622<br>2198796.485                | 5989692.583<br>5989794.244                | -        | S28°54'10" STRAIGHT                | -       | -         |
| C9                              | BC<br>MP<br>EC | 33+14.99<br>33+32.80<br>33+50.62 | 2198796.485<br>2198780.890<br>2198765.451 | 5989794.244<br>5989802.854<br>5989811.740 | 2000.00  | S28°54'10"E ARC<br>S29°55'24"E ARC | 35.63   | 1°01'14"  |
| C10                             | BC<br>MP<br>EC | 33+50.62<br>33+76.10<br>34+01.58 | 2198765.451<br>2198743.364<br>2198720.961 | 5989811.740<br>5989824.452<br>5989836.598 | 2000.00  | S29°55'24"E ARC<br>S28°27'48"E ARC | 50.96   | 1°27'36"  |
| L10                             | ST<br>END      | 34+01.58<br>36+24.06             | 2198720.961<br>2198525.376                | 5989836.598<br>5989942.630                | -        | S28°27'48" STRAIGHT                | -       | -         |

| LINE AND CURVE TABLE "OAR" LINE |                |                                  |                                           |                                           |         |                                    |         |           |
|---------------------------------|----------------|----------------------------------|-------------------------------------------|-------------------------------------------|---------|------------------------------------|---------|-----------|
| NUMBER                          |                | STATION                          | NORTHING                                  | EASTING                                   | RADII   | BEARING                            | TANGENT | DEF ANGLE |
| C11                             | BC<br>MP<br>EC | 36+24.06<br>36+28.99<br>36+33.92 | 2198525.376<br>2198521.042<br>2198516.731 | 5989942.630<br>5989944.979<br>5989947.372 | -       | S28°27'48"E ARC<br>S29°01'48"E ARC | 9.86    | 0°34'00"  |
| L11                             | ST<br>END      | 36+33.92<br>38+60.82             | 2198516.731<br>2198318.339                | 5989947.372<br>5990057.478                | -       | S29°01'48" STRAIGHT                | -       | -         |
| C12                             | BC<br>MP<br>EC | 38+60.82<br>38+76.63<br>38+92.44 | 2198318.339<br>2198304.514<br>2198290.938 | 5990057.478<br>5990065.151<br>5990073.257 | 1000.00 | S29°01'48"E ARC<br>S30°50'30"E ARC | 31.62   | 1°48'42"  |
| C13                             | BC<br>MP<br>EC | 38+92.44<br>39+13.19<br>39+33.95 | 2198290.938<br>2198273.115<br>2198254.866 | 5990073.257<br>5990083.899<br>5990093.793 | 1000.00 | S30°50'30"E ARC<br>S28°27'48"E ARC | 41.51   | 2°22'42"  |
| L12                             | ST<br>END      | 39+33.95<br>47+23.98             | 2198254.866<br>2197560.333                | 5990093.793<br>5990470.318                | -       | S28°27'48" STRAIGHT                | -       | -         |
| C14                             | BC<br>MP<br>EC | 47+23.98<br>47+28.94<br>47+33.91 | 2197560.333<br>2197555.968<br>2197551.580 | 5990470.318<br>5990472.684<br>5990475.007 | 1004.00 | S28°27'48"E ARC<br>S27°53'48"E ARC | 9.93    | 0°34'00"  |
| L13                             | ST<br>END      | 47+33.91<br>50+53.71             | 2197551.580<br>2197268.936                | 5990475.007<br>5990624.638                | -       | S27°53'48" STRAIGHT                | -       | -         |
| C15                             | BC<br>MP<br>EC | 50+53.71<br>50+99.00<br>51+44.05 | 2197268.936<br>2197228.910<br>2197185.728 | 5990624.638<br>5990645.827<br>5990659.480 | 500.00  | S27°53'48"E ARC<br>S17°32'43"E ARC | 90.21   | 10°21'05" |
| L14                             | ST<br>END      | 51+44.05<br>51+66.78             | 2197185.728<br>2197164.055                | 5990659.480<br>5990666.333                | -       | S17°32'43" STRAIGHT                | -       | -         |
| C16                             | BC<br>MP<br>EC | 51+66.78<br>52+33.57<br>52+99.66 | 2197164.055<br>2197100.372<br>2197033.683 | 5990666.333<br>5990686.472<br>5990690.181 | 529.94  | S17°32'58"E ARC<br>S3°10'57"E ARC  | 132.54  | 14°22'01" |
| C17                             | BC<br>MP<br>EC | 52+99.66<br>53+30.53<br>53+61.03 | 2197033.683<br>2197002.856<br>2196973.630 | 5990690.181<br>5990691.895<br>5990701.849 | 225.00  | S3°10'57"E ARC<br>S18°48'34"E ARC  | 61.18   | 15°37'37" |
| L15                             | ST<br>END      | 53+61.03<br>54+13.42             | 2196973.630<br>2196924.035                | 5990701.849<br>5990718.742                | -       | S18°48'34" STRAIGHT                | -       | -         |

| LINE AND CURVE TABLE "BR" LINE |                |                               |                                           |                                           |         |                                    |         |           |
|--------------------------------|----------------|-------------------------------|-------------------------------------------|-------------------------------------------|---------|------------------------------------|---------|-----------|
| NUMBER                         |                | STATION                       | NORTHING                                  | EASTING                                   | RADII   | BEARING                            | TANGENT | DEF ANGLE |
| L19                            | ST<br>END      | 1+00.00<br>1+12.77            | 2201706.946<br>2201696.272                | 5988846.104<br>5988853.119                | -       | S33°18'48"E STRAIGHT               | -       | -         |
| C22                            | BC<br>MP<br>EC | 1+12.77<br>1+18.25<br>1+23.68 | 2201696.272<br>2201691.698<br>2201686.581 | 5988853.119<br>5988856.125<br>5988858.071 | 50.00   | S33°18'48"E ARC<br>S20°49'04"E ARC | 10.88   | 12°29'44" |
| L20                            | ST<br>END      | 1+23.68<br>1+55.83            | 2201686.581<br>2201666.527                | 5988858.071<br>5988869.498                | -       | S20°49'04" STRAIGHT                | -       | -         |
| C23                            | BC<br>MP<br>EC | 1+55.83<br>1+69.77<br>1+83.71 | 2201666.527<br>2201643.494<br>2201630.205 | 5988869.498<br>5988874.453<br>5988878.675 | 500.00  | S20°49'04"E ARC<br>S17°37'23"E ARC | 27.88   | 3°11'41"  |
| L21                            | ST<br>END      | 1+83.71<br>2+66.61            | 2201630.205<br>2201551.199                | 5988878.675<br>5988903.772                | -       | S17°37'23" STRAIGHT                | -       | -         |
| C24                            | BC<br>MP<br>EC | 2+66.61<br>2+84.97<br>3+03.34 | 2201551.199<br>2201533.693<br>2201516.403 | 5988903.772<br>5988909.333<br>5988915.533 | 1000.00 | S17°37'23"E ARC<br>S19°43'39"E ARC | 36.73   | 2°06'16"  |
| L22                            | ST<br>END      | 3+03.34<br>4+34.93            | 2201516.403<br>2201392.535                | 5988915.533<br>5988959.951                | -       | S19°43'39" STRAIGHT                | -       | -         |
| C25                            | BC<br>MP<br>EC | 4+34.93<br>4+62.76<br>4+90.58 | 2201392.535<br>2201366.338<br>2201340.704 | 5988959.951<br>5988969.345<br>5988980.182 | 1000.00 | S19°43'39"E ARC<br>S22°54'57"E ARC | 55.64   | 3°11'18"  |
| L23                            | ST<br>END      | 4+90.58<br>6+96.18            | 2201340.704<br>2201151.327                | 5988980.182<br>5989060.239                | -       | S22°54'57" STRAIGHT                | -       | -         |
| L24                            | ST<br>END      | 6+96.18<br>7+46.78            | 2201151.327<br>2201151.327                | 5989060.239<br>5989110.840                | -       | N90°00'00" STRAIGHT                | -       | -         |

| LINE AND CURVE TABLE "HC" LINE |                |                               |                                           |                                           |       |                                    |         |           |
|--------------------------------|----------------|-------------------------------|-------------------------------------------|-------------------------------------------|-------|------------------------------------|---------|-----------|
| NUMBER                         |                | STATION                       | NORTHING                                  | EASTING                                   | RADII | BEARING                            | TANGENT | DEF ANGLE |
| L25                            | ST<br>END      | 1+00.00<br>4+47.80            | 2198729.636<br>2198896.513                | 5989859.824<br>5990164.973                | -     | N61°19'37"E STRAIGHT               | -       | -         |
| C26                            | BC<br>MP<br>EC | 4+47.80<br>4+68.02<br>4+80.00 | 2198896.513<br>2198906.218<br>2198924.315 | 5990164.973<br>5990182.717<br>5990173.687 | 21.00 | N61°19'37"E ARC<br>N26°31'08"W ARC | 29.13   | 87°50'45" |

| LINE AND CURVE TABLE "JC" LINE |                |                               |                                           |                                           |        |                                    |         |           |
|--------------------------------|----------------|-------------------------------|-------------------------------------------|-------------------------------------------|--------|------------------------------------|---------|-----------|
| NUMBER                         |                | STATION                       | NORTHING                                  | EASTING                                   | RADII  | BEARING                            | TANGENT | DEF ANGLE |
| L26                            | ST<br>END      | 1+00.00<br>2+00.47            | 2196884.209<br>2196884.781                | 5990718.375<br>5990818.846                | -      | N89°40'25" STRAIGHT                | -       | -         |
| C27                            | BC<br>MP<br>EC | 2+00.47<br>2+53.25<br>3+01.97 | 2196884.781<br>2196885.082<br>2196852.271 | 5990818.846<br>5990871.620<br>5990912.957 | 150.00 | N89°40'25"E ARC<br>S51°33'32"E ARC | 99.57   | 38°46'03" |
| L27                            | ST<br>END      | 3+01.97<br>4+98.25            | 2196852.271<br>2196730.240                | 5990912.957<br>5991066.695                | -      | S51°33'32" STRAIGHT                | -       | -         |
| C28                            | BC<br>MP<br>EC | 4+98.25<br>5+08.74<br>5+19.22 | 2196730.240<br>2196723.719<br>2196717.548 | 5991066.695<br>5991074.911<br>5991083.392 | 500.00 | S51°33'32"E ARC<br>S53°57'45"E ARC | 20.97   | 2°24'13"  |
| L28                            | ST<br>END      | 5+19.22<br>7+39.63            | 2196717.548<br>2196587.878                | 5991083.392<br>5991261.623                | -      | S53°57'45" STRAIGHT                | -       | -         |



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Bar is one inch on  
original size sheet

0 1"

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This document shall not be used for construction unless signed and sealed for construction.

Designer C. PHELPS

Design Check J.WOLF

Date 1/23/2023

Scale AS SHOWN

Client Project

Title

Project No.

Original Size

CITY OF ARCATA

OLD ARCATA ROAD IMPROVEMENTS

ALIGNMENT DATA 1 OF 2

ROAD ALIGNMENTS

11159130

ANSI D

Sheet No.

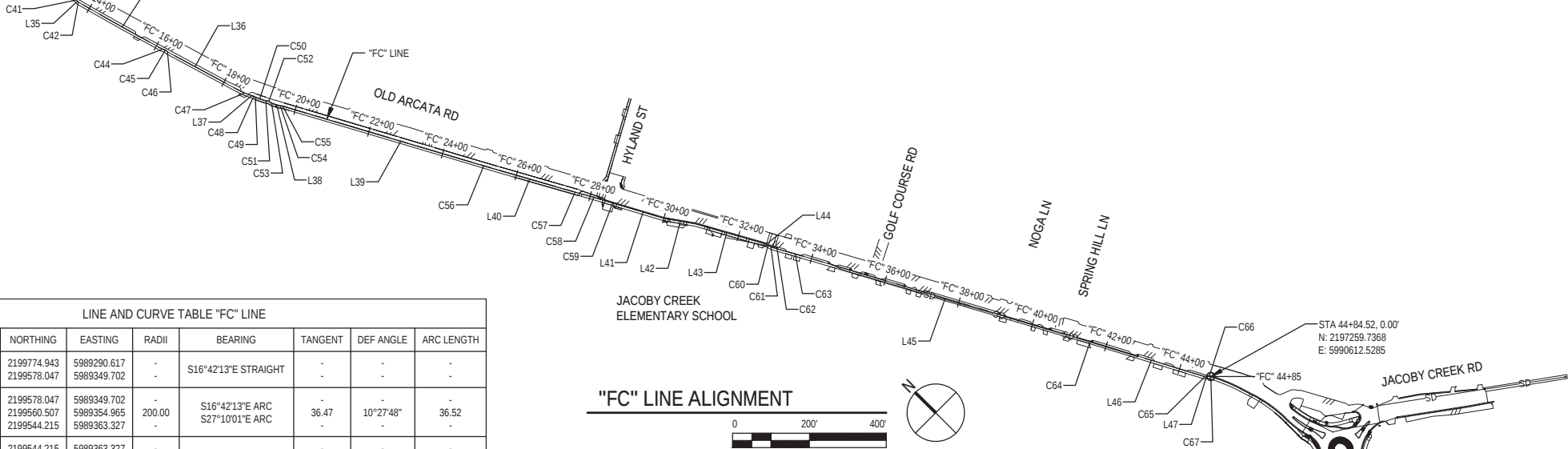
5 of 61

G-005

Plot Date: 23 January 2023 - 4:39 PM

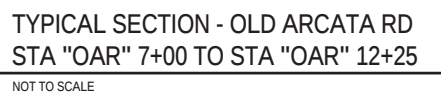
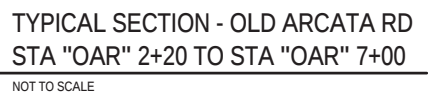
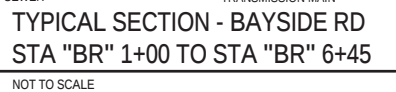
Plotted By: Camille Penny

Filename: G:\11111159130 Arcata Old Arcata Road Improvements\06-CAD\Sheets\11159130\_OAR\_G-004\_ALIGNMENT DATA.dwg



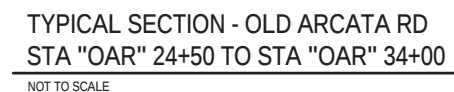
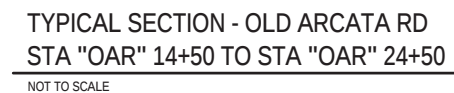
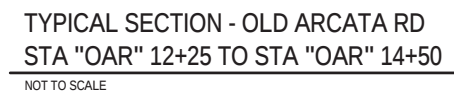
| LINE AND CURVE TABLE "FC" LINE |                |                                  |                                           |                                           |                   |                                    |            |                |            |
|--------------------------------|----------------|----------------------------------|-------------------------------------------|-------------------------------------------|-------------------|------------------------------------|------------|----------------|------------|
| NUMBER                         |                | STATION                          | NORTHING                                  | EASTING                                   | RADII             | BEARING                            | TANGENT    | DEF ANGLE      | ARC LENGTH |
| L36                            | ST             | 16+35.51<br>18+41.08             | 1919774.943<br>1919578.047                | 5989290.617<br>5989349.702                | -<br>-            | S16°42'13"E STRAIGHT               | -<br>-     | -<br>-         | -<br>-     |
| C47                            | BC<br>MP<br>EC | 18+41.08<br>18+59.39<br>18+77.61 | 1919578.047<br>1919560.507<br>1919544.215 | 5989349.702<br>5989354.965<br>5989363.327 | -<br>200.00<br>-  | S16°42'13"E ARC<br>S27°10'01"E ARC | 36.47<br>- | 10°27'48"<br>- | 36.52<br>- |
| L37                            | ST             | 18+77.61<br>18+82.31             | 1919544.215<br>1919540.033                | 5989363.327<br>5989365.473                | -<br>-            | S27°10'01"E STRAIGHT               | -<br>-     | -<br>-         | -<br>-     |
| C48                            | BC<br>MP<br>EC | 18+82.31<br>18+85.05<br>18+87.76 | 1919540.033<br>1919537.596<br>1919534.952 | 5989365.473<br>5989366.723<br>5989367.439 | -<br>26.00<br>-   | S27°10'01"E ARC<br>S15°08'16"E ARC | 5.45<br>-  | 12°01'44"<br>- | 5.46<br>-  |
| C49                            | BC<br>MP<br>EC | 18+87.76<br>18+90.34<br>18+92.91 | 1919534.952<br>1919532.463<br>1919530.125 | 5989367.439<br>5989368.112<br>5989369.200 | -<br>30.00<br>-   | S15°08'16"E ARC<br>S24°57'42"E ARC | 5.14<br>-  | 9°49'26"<br>-  | 5.14<br>-  |
| C50                            | BC<br>MP<br>EC | 18+92.91<br>19+03.94<br>19+14.98 | 1919530.125<br>1919520.120<br>1919510.196 | 5989369.200<br>5989373.857<br>5989378.684 | -<br>1300.00<br>- | S24°57'42"E ARC<br>S25°56'04"E ARC | 22.07<br>- | 0°58'22"<br>-  | 22.07<br>- |
| C51                            | BC<br>MP<br>EC | 19+14.98<br>19+18.83<br>19+22.64 | 1919510.196<br>1919506.732<br>1919503.806 | 5989378.684<br>5989380.368<br>5989382.873 | -<br>30.00<br>-   | S25°56'04"E ARC<br>S40°34'05"E ARC | 7.64<br>-  | 14°38'01"<br>- | 7.66<br>-  |
| C52                            | BC<br>MP<br>EC | 19+22.64<br>19+27.29<br>19+31.66 | 1919503.806<br>1919500.272<br>1919495.646 | 5989382.873<br>5989385.899<br>5989386.394 | -<br>15.00<br>-   | S40°34'05"E ARC<br>S6°06'16"E ARC  | 8.89<br>-  | 34°27'49"<br>- | 9.02<br>-  |
| C53                            | BC<br>MP<br>EC | 19+31.66<br>19+35.66<br>19+39.57 | 1919495.646<br>1919491.669<br>1919488.128 | 5989386.394<br>5989386.819<br>5989388.676 | -<br>21.00<br>-   | S6°06'16"E ARC<br>S27°40'03"E ARC  | 7.86<br>-  | 21°33'47"<br>- | 7.90<br>-  |
| L38                            | ST             | 19+39.57<br>19+56.42             | 1919488.128<br>1919473.198                | 5989388.676<br>5989396.503                | -<br>-            | S27°40'03"E STRAIGHT               | -<br>-     | -<br>-         | -<br>-     |
| C54                            | BC<br>MP<br>EC | 19+56.42<br>19+59.21<br>19+61.96 | 1919473.198<br>1919470.732<br>1919468.713 | 5989396.503<br>5989397.796<br>5989399.714 | -<br>20.00<br>-   | S27°40'03"E ARC<br>S43°31'16"E ARC | 5.52<br>-  | 15°51'13"<br>- | 5.53<br>-  |
| C55                            | BC<br>MP<br>EC | 19+61.96<br>19+64.60<br>19+67.21 | 1919468.713<br>1919466.796<br>1919464.473 | 5989399.714<br>5989401.534<br>5989402.794 | -<br>20.00<br>-   | S43°31'16"E ARC<br>S28°27'53"E ARC | 5.24<br>-  | 15°03'23"<br>- | 5.26<br>-  |
| L39                            | ST             | 19+67.21<br>24+92.46             | 1919464.473<br>1919900.721                | 5989402.794<br>5989653.136                | -<br>-            | S28°27'53"E STRAIGHT               | -<br>-     | -<br>-         | -<br>-     |
| C56                            | BC<br>MP<br>EC | 24+92.46<br>25+11.67<br>25+30.87 | 1919900.721<br>1918985.836<br>1918969.022 | 5989653.136<br>5989662.290<br>5989671.573 | -<br>5024.00<br>- | S28°27'53"E ARC<br>S28°54'10"E ARC | 38.41<br>- | 0°26'17"<br>-  | 38.41<br>- |

| LINE AND CURVE TABLE "FC" LINE |                |                                  |                                           |                                           |                   |                                    |                 |                     |                 |
|--------------------------------|----------------|----------------------------------|-------------------------------------------|-------------------------------------------|-------------------|------------------------------------|-----------------|---------------------|-----------------|
| L40                            | ST<br>END      | 25+30.87<br>27+41.21             | 2198969.022<br>2198784.885                | 5989671.573<br>5989773.233                | -<br>-            | S28°54'10"E STRAIGHT               | -<br>-          | -<br>-              | -<br>-          |
| C57                            | BC<br>MP<br>EC | 27+41.21<br>27+59.56<br>27+77.91 | 2198784.885<br>2198768.821<br>2198752.921 | 5989773.233<br>5989782.102<br>5989791.261 | -<br>2024.00<br>- | S28°54'10"E ARC<br>S29°56'30"E ARC | -<br>36.70<br>- | -<br>1°02'20"<br>-  | -<br>36.70<br>- |
|                                | BC<br>MP<br>EC | 27+77.91<br>28+12.02<br>28+46.12 | 2198752.921<br>2198723.365<br>2198693.238 | 5989791.261<br>5989808.285<br>5989824.279 | -<br>1976.00<br>- | S29°56'30"E ARC<br>S27°57'50"E ARC | -<br>68.21<br>- | -<br>1°58'40"<br>-  | -<br>68.21<br>- |
| C59                            | BC<br>MP<br>EC | 28+46.12<br>28+63.56<br>28+80.99 | 2198693.238<br>2198677.837<br>2198662.507 | 5989824.279<br>5989832.455<br>5989840.766 | -<br>4000.00<br>- | S27°57'50"E ARC<br>S28°27'48"E ARC | -<br>34.87<br>- | -<br>0°29'58"<br>-  | -<br>34.87<br>- |
|                                | ST<br>END      | 28+80.99<br>30+00.83             | 2198662.507<br>2198557.159                | 5989840.766<br>5989897.878                | -<br>-            | S28°27'48"E STRAIGHT               | -<br>-          | -<br>-              | -<br>-          |
| L42                            | ST<br>END      | 30+00.83<br>30+82.95             | 2198557.159<br>2198489.958                | 5989897.878<br>5989945.075                | -<br>-            | S35°04'53"E STRAIGHT               | -<br>-          | -<br>-              | -<br>-          |
| L43                            | ST<br>END      | 30+82.95<br>32+75.92             | 2198489.958<br>2198321.225                | 5989945.075<br>5990038.721                | -<br>-            | S29°01'48"E STRAIGHT               | -<br>-          | -<br>-              | -<br>-          |
| L44                            | ST<br>END      | 32+75.92<br>32+76.42             | 2198321.225<br>2198320.983                | 5990038.721<br>5990038.283                | -<br>-            | S60°58'12"W STRAIGHT               | -<br>-          | -<br>-              | -<br>-          |
| C60                            | BC<br>MP<br>EC | 32+76.42<br>32+80.97<br>32+85.36 | 2198320.983<br>2198317.009<br>2198312.472 | 5990038.283<br>5990040.489<br>5990040.760 | -<br>20.00<br>-   | S29°01'48"E ARC<br>S3°25'27"E ARC  | -<br>8.86<br>-  | -<br>25°36'21"<br>- | -<br>8.94<br>-  |
|                                | BC<br>MP<br>EC | 32+85.36<br>32+89.92<br>32+94.33 | 2198312.472<br>2198307.918<br>2198303.932 | 5990040.760<br>5990041.033<br>5990043.253 | -<br>20.00<br>-   | S3°25'27"E ARC<br>S29°07'29"E ARC  | -<br>8.90<br>-  | -<br>25°42'02"<br>- | -<br>8.97<br>-  |
| C62                            | BC<br>MP<br>EC | 32+94.33<br>33+06.99<br>33+19.64 | 2198303.932<br>2198292.879<br>2198281.856 | 5990043.253<br>5990049.412<br>5990055.627 | -<br>5000.00<br>- | S29°07'29"E ARC<br>S29°24'53"E ARC | -<br>25.31<br>- | -<br>0°17'24"<br>-  | -<br>25.31<br>- |



1. REFER TO SPECIFICATIONS FOR REQUIRED HMA TYPE AND AGGREGATION GRADATIONS.
2. SEE SHEETS 11-17 FOR REPLACE AC SURFACING LOCATIONS.
3. THE LOCATIONS OF UNDERGROUND UTILITIES ARE APPROXIMATE ONLY.

|     |                                                                                                        |
|-----|--------------------------------------------------------------------------------------------------------|
| P1  | 1" HMA LEVELING COURSE<br>1.5" HMA OVERLAY                                                             |
| P2  | GEOSYNTHETIC PAVEMENT INTERLAYER (PAVING FABRIC)                                                       |
| P3  | REPLACE AC SURFACING (4.5" DEPTH) AFTER<br>COLD PLANING PAVEMENT (2.5" DEPTH)                          |
| P4  | 3" HMA<br>6" CLASS 2 AB                                                                                |
| P5  | REPLACE AC SURFACING 4" OR 7" HMA (SEE NOTE 2)                                                         |
| P6  | 1" HMA LEVELING COURSE<br>1.5" TO 3" HMA OVERLAY                                                       |
| P7  | 5" HMA (EACH LIFT SHALL BE 2.5" THICK)<br>13" CLASS 2 AB<br>SUBGRADE ENHANCEMENT GEOTEXTILE (CLASS B1) |
| P8  | PERMEABLE CONCRETE GRASS PAVERS                                                                        |
| P9  | COLD PLANE (CONFORM GRIND) EXISTING AC                                                                 |
| P10 | TRUCK APRON<br>11" STAMPED CONCRETE<br>6" CLASS 2 AB                                                   |



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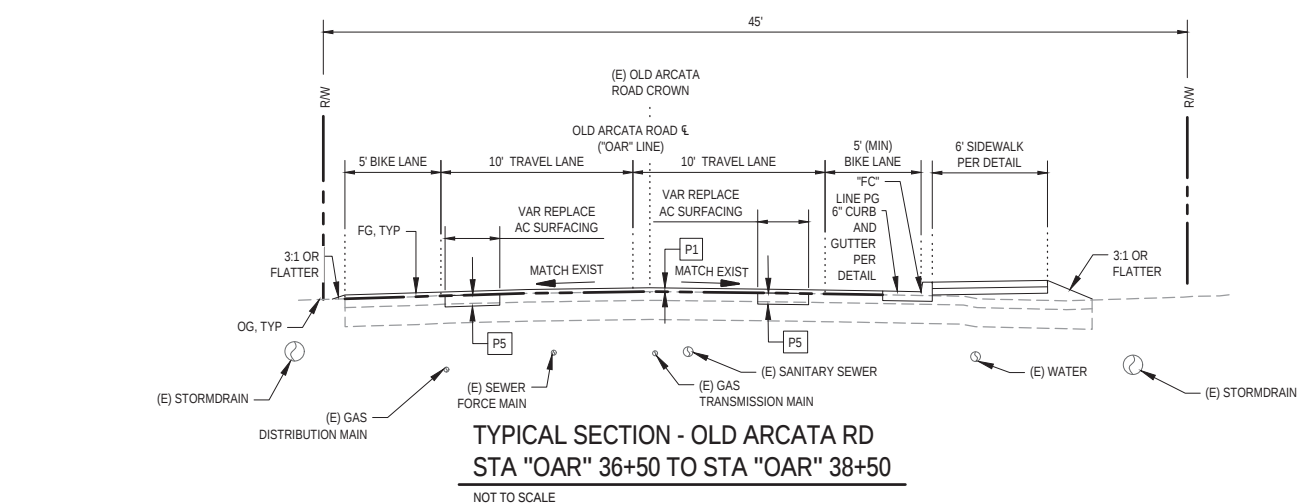
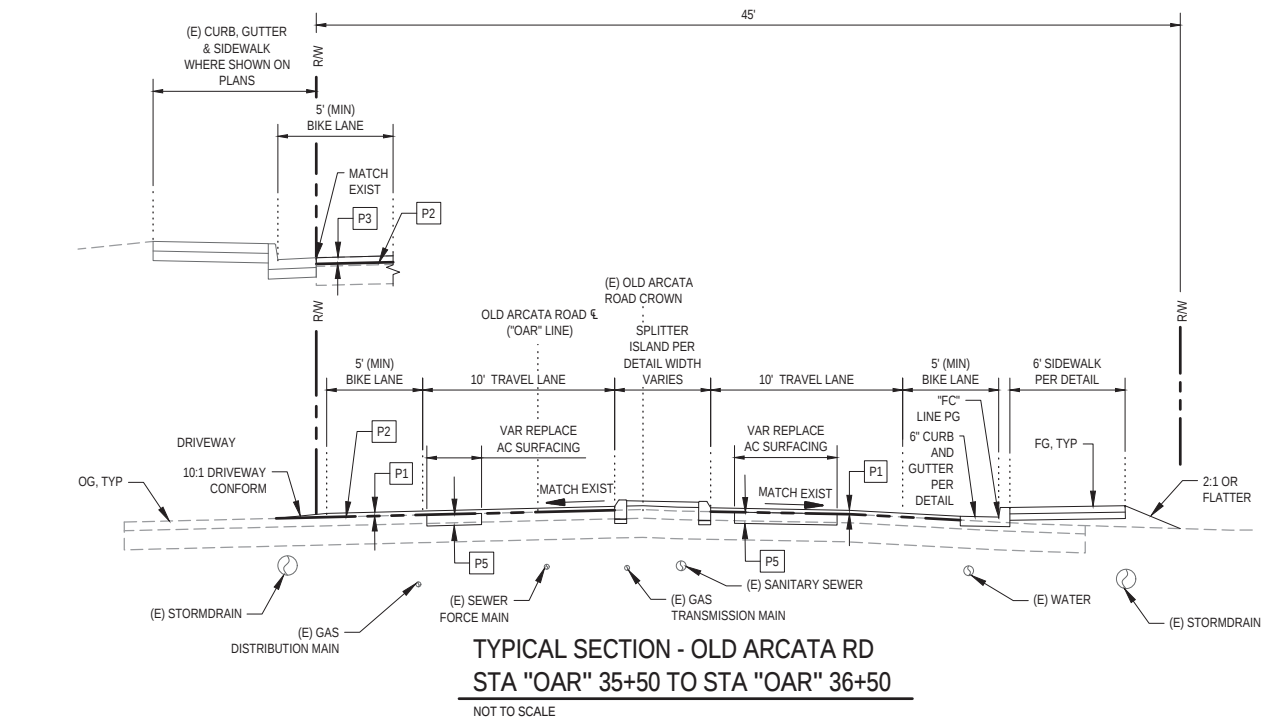
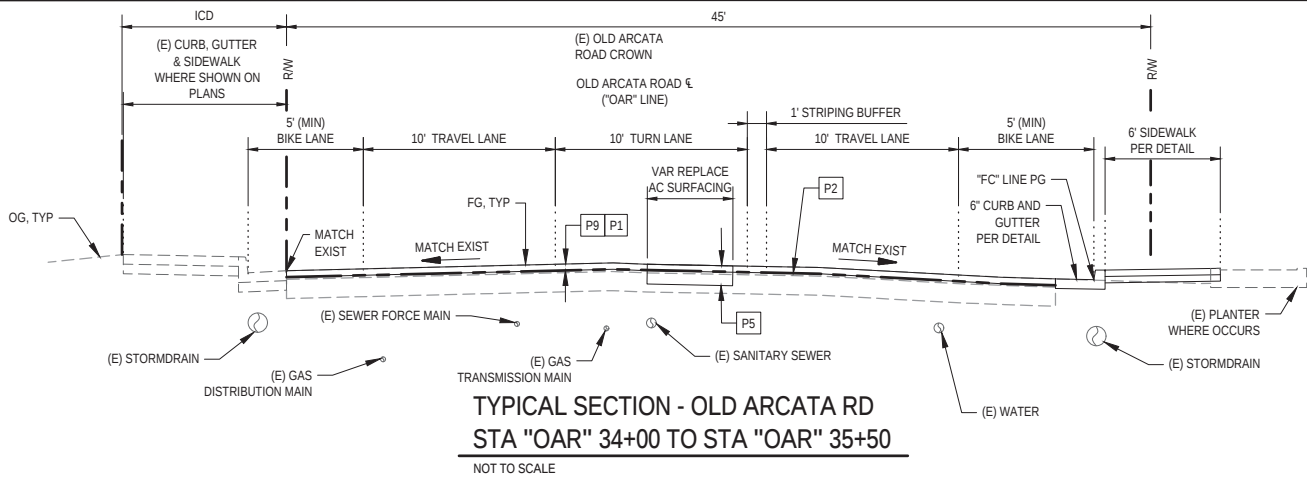
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| Client  | CITY OF ARCATA               |
| Project | OLD ARCATA ROAD IMPROVEMENTS |
| Title   | TYPICAL SECTIONS 1 OF 4      |

Project No. 11159130

|                         |                        |
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Sheet 7 of 61

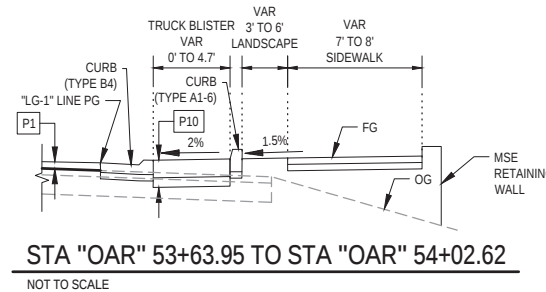
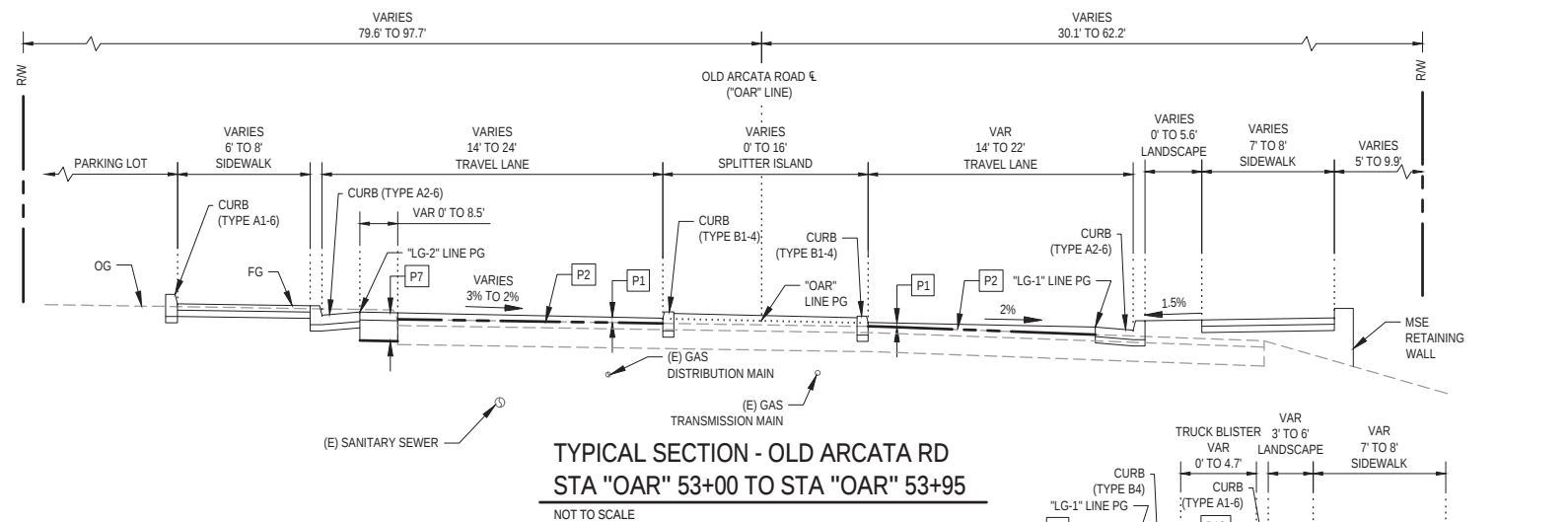
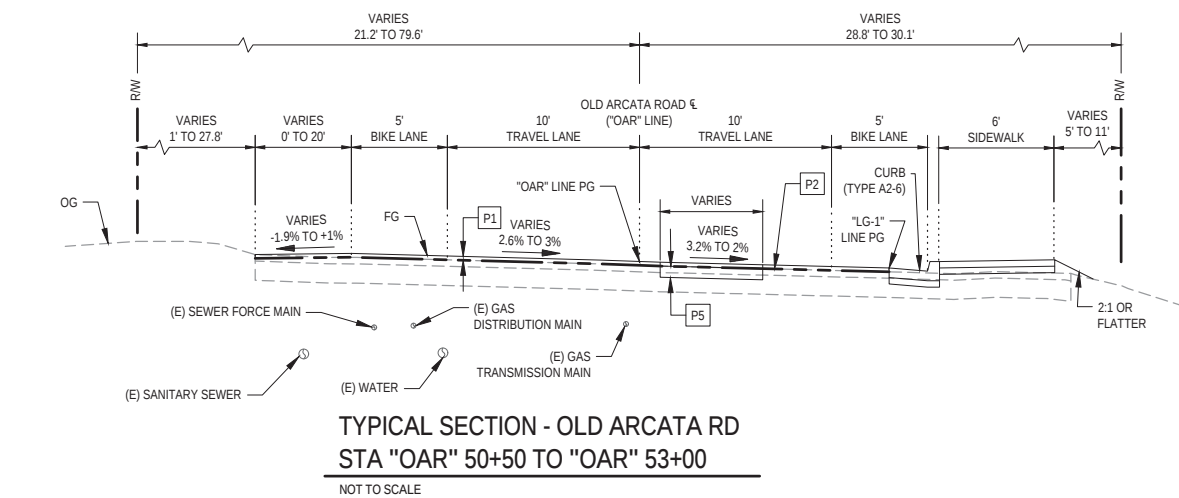
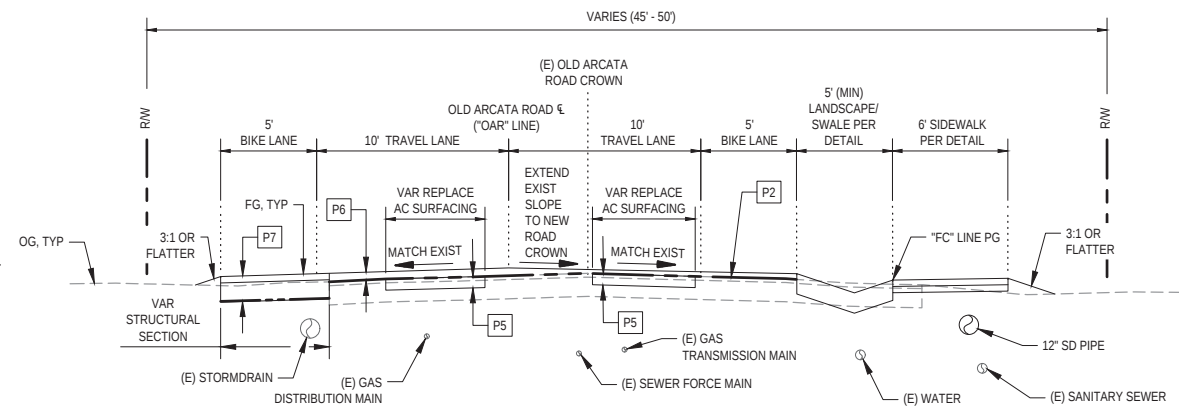


#### NOTES:

- SEE SHEETS 11-17 FOR REPLACE AC SURFACING LOCATIONS.
- THE LOCATIONS OF UNDERGROUND UTILITIES ARE APPROXIMATE ONLY.

#### STRUCTURAL SECTIONS

- P1** 1" HMA LEVELING COURSE  
1.5" HMA OVERLAY
- P2** GEOSYNTHETIC PAVEMENT INTERLAYER (PAVING FABRIC)
- P3** REPLACE AC SURFACING (4.5" DEPTH) AFTER  
COLD PLANING PAVEMENT (2.5" DEPTH)
- P4** 3" HMA  
6" CLASS 2 AB
- P5** REPLACE AC SURFACING 4" OR 7" HMA (SEE NOTE 2)
- P6** 1" HMA LEVELING COURSE  
1.5" TO 3" HMA OVERLAY
- P7** 5" HMA (EACH LIFT SHALL BE 2.5" THICK)  
13" CLASS 2 AB  
SUBGRADE ENHANCEMENT GEOTEXTILE (CLASS B1)
- P8** PERMEABLE CONCRETE GRASS PAVERS
- P9** COLD PLANE (CONFORM GRIND) EXISTING AC
- P10** TRUCK APRON  
11" STAMPED CONCRETE  
6" CLASS 2 AB



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| Project       | OLD ARCATA ROAD IMPROVEMENTS |           |       |
| Title         | TYPICAL SECTIONS 2 OF 4      |           |       |
| Project No.   | 11159130                     |           |       |
| Original Size | ANSI D                       | Sheet No. | G-008 |
| Sheet         | 8                            | of        | 61    |

NOTES:

1. SEE SHEETS 11-17 FOR REPLACE AC SURFACING LOCATIONS.

2. THE LOCATIONS OF UNDERGROUND UTILITIES ARE APPROXIMATE ONLY.

STRUCTURAL SECTIONS

P1

1" HMA LEVELING COURSE  
1.5" HMA OVERLAY

P2

GEOSYNTHETIC PAVEMENT INTERLAYER (PAVING FABRIC)

P3

REPLACE AC SURFACING (4.5" DEPTH) AFTER  
COLD PLANING PAVEMENT (2.5" DEPTH)

P4

3" HMA  
6" CLASS 2 AB

P5

REPLACE AC SURFACING 4" OR 7" HMA (SEE NOTE 2)

P6

1" HMA LEVELING COURSE  
1.5" TO 3" HMA OVERLAY

P7

5" HMA (EACH LIFT SHALL BE 2.5" THICK)  
13" CLASS 2 AB  
SUBGRADE ENHANCEMENT GEOTEXTILE (CLASS B1)

P8

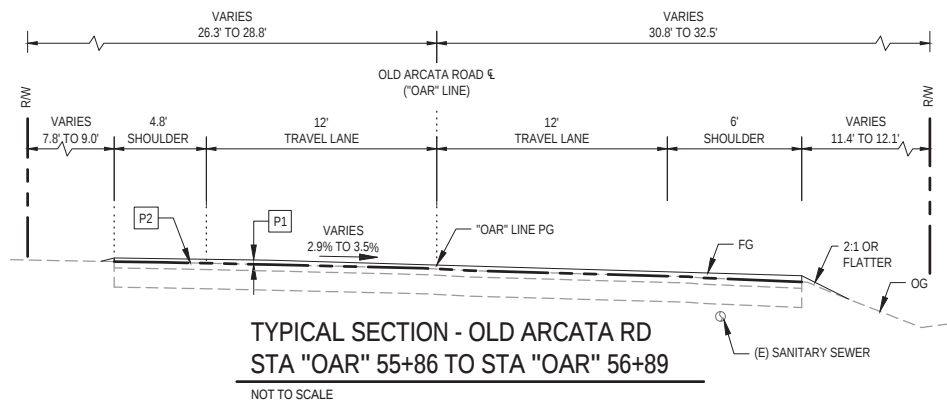
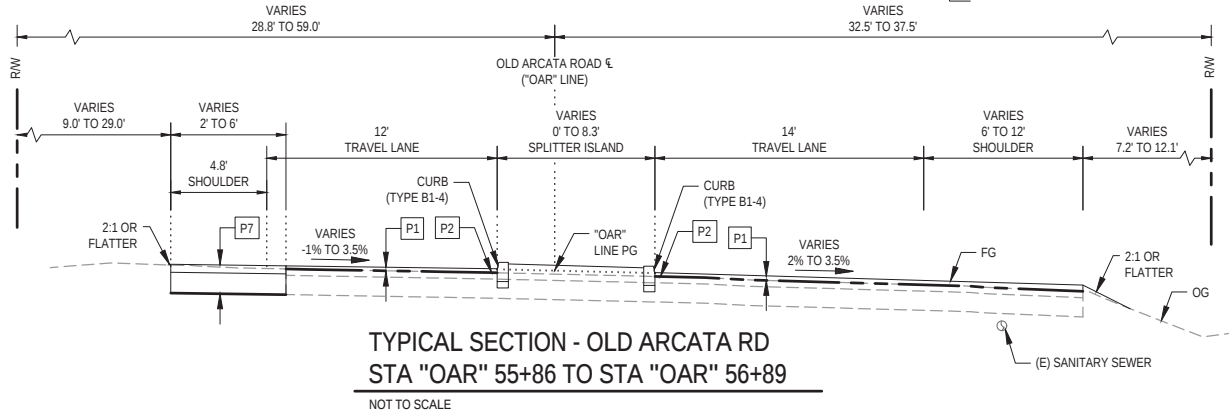
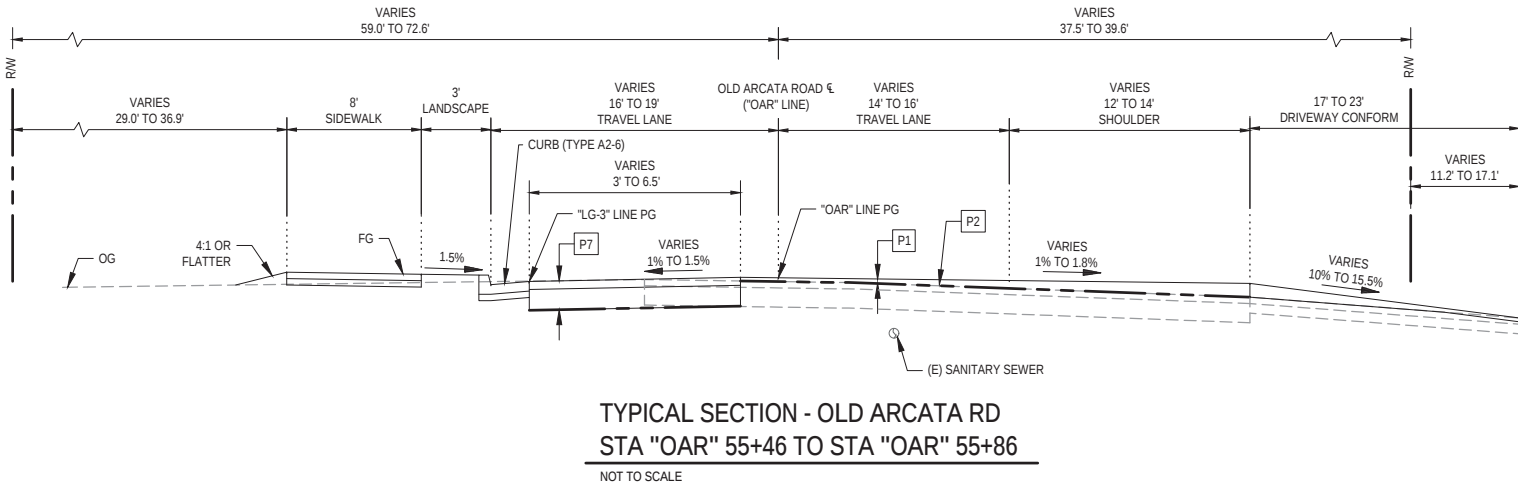
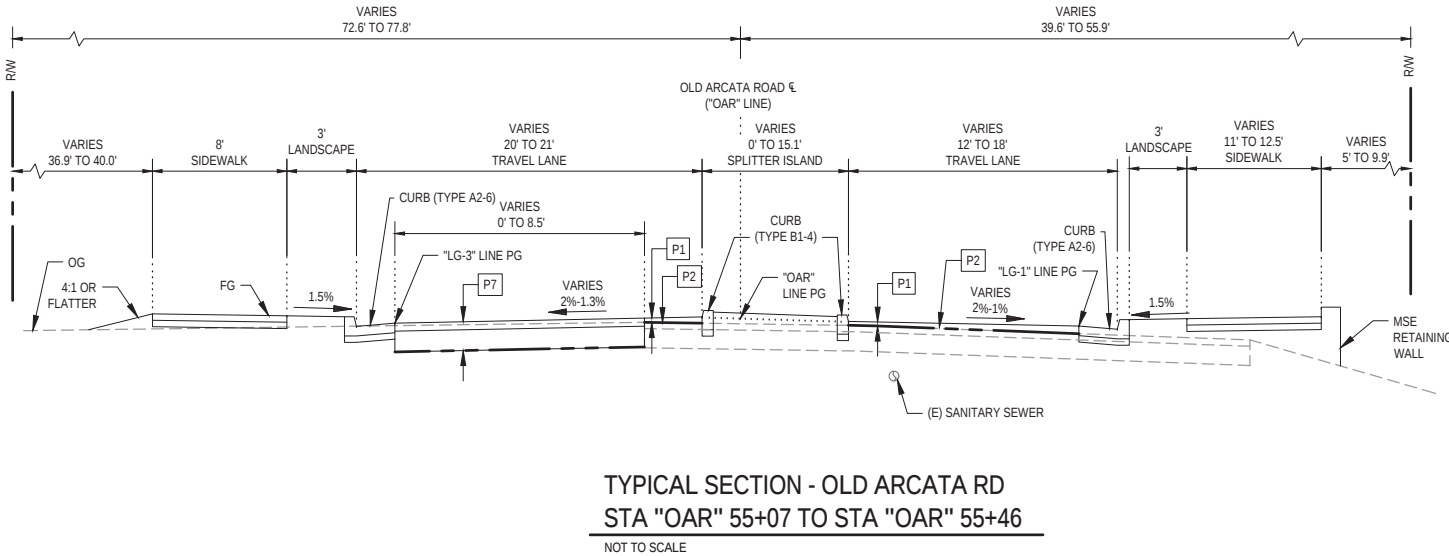
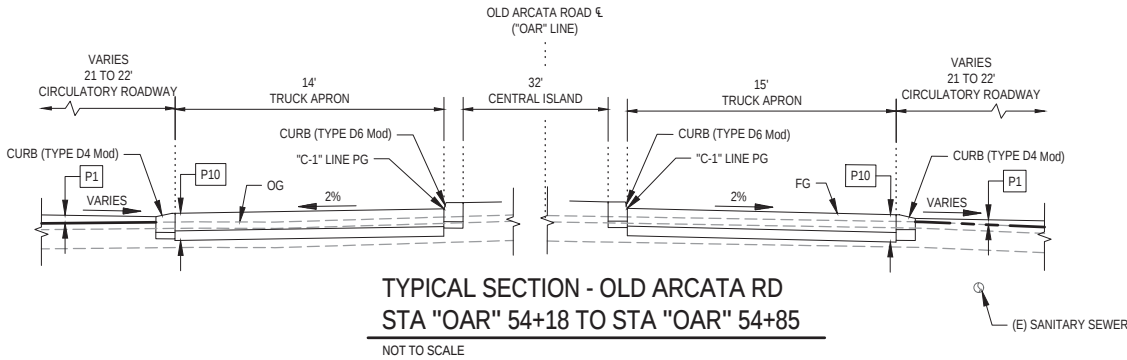
PERMEABLE CONCRETE GRASS PAVERS

P9

COLD PLANE (CONFORM GRIND) EXISTING AC

P10

TRUCK APRON  
11" STAMPED CONCRETE  
6" CLASS 2 AB



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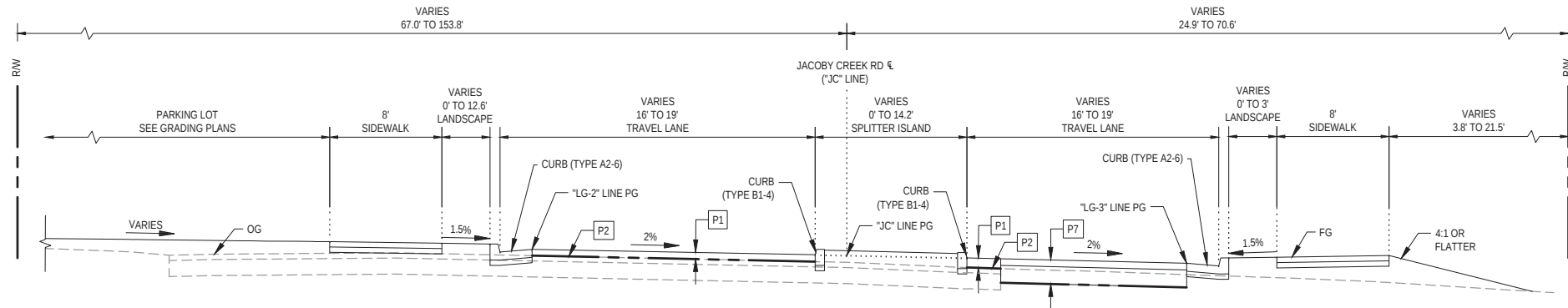
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Title  
Project No.  
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OLD ARCATA ROAD IMPROVEMENTS  
TYPICAL SECTIONS 3 OF 4  
11159130  
G-009

Sheet No.  
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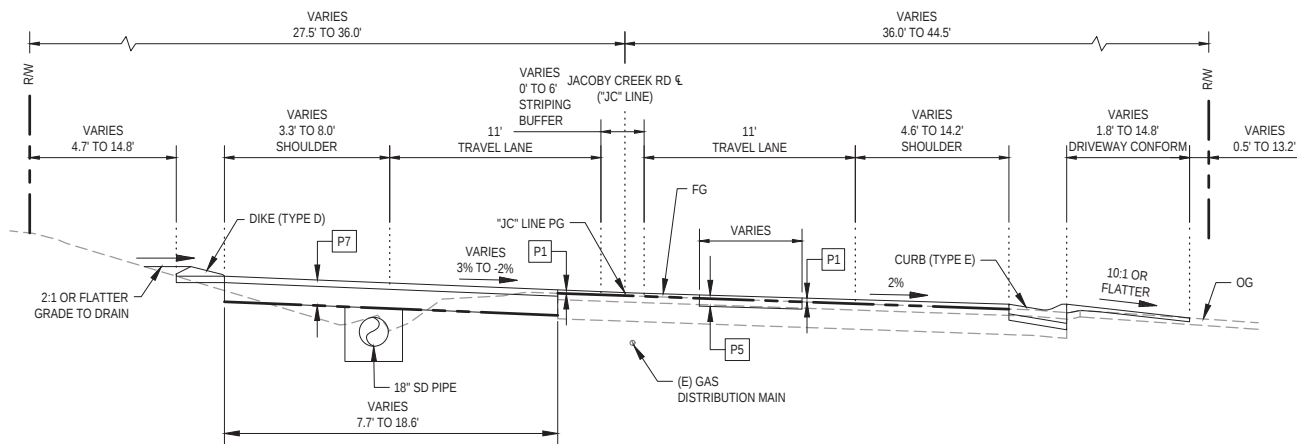
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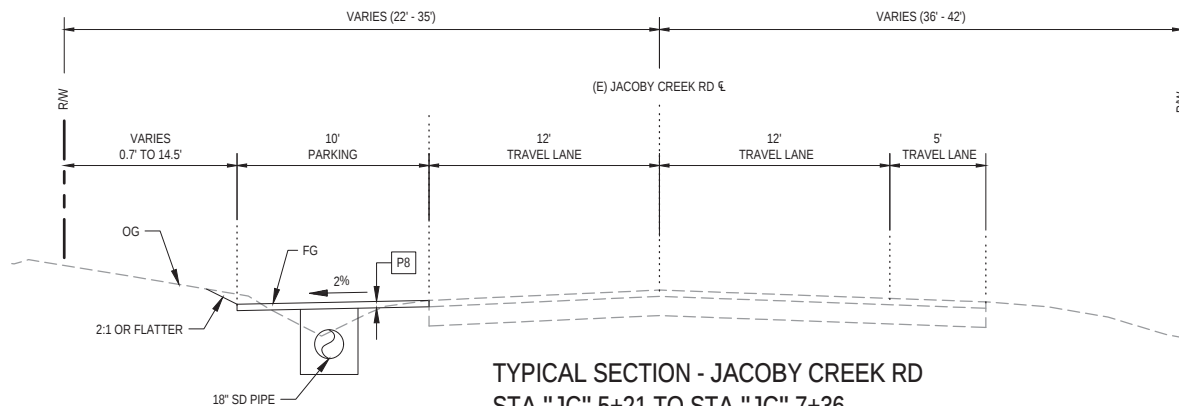
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STA "JC" 1+52 TO STA "JC" 2+04

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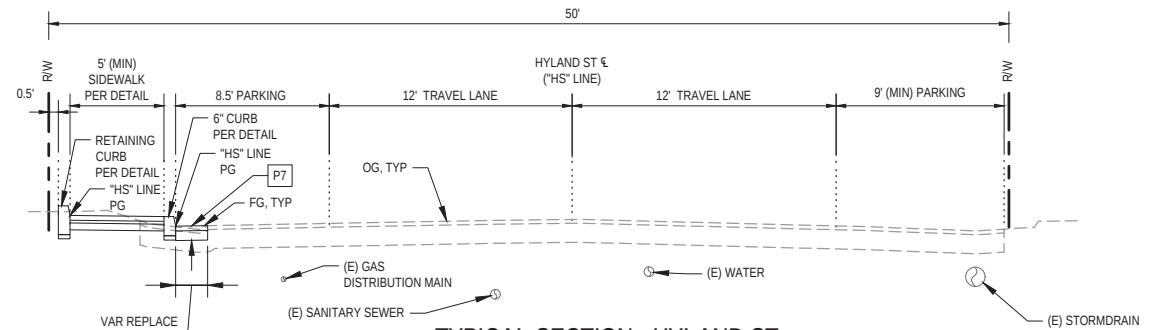
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STA "JC" 2+98 TO STA "JC" 5+21

NOT TO SCALE



TYPICAL SECTION - JACOBY CREEK RD  
STA "JC" 5+21 TO STA "JC" 7+36

NOT TO SCALE



TYPICAL SECTION - HYLAND ST  
STA "HS" 1+00 TO STA "HS" 4+80

NOT TO SCALE

NOTES:

- SEE SHEETS 11-17 FOR REPLACE AC SURFACING LOCATIONS.
- THE LOCATIONS OF UNDERGROUND UTILITIES ARE APPROXIMATE ONLY.

STRUCTURAL SECTIONS

- P1 1" HMA LEVELING COURSE  
1.5" HMA OVERLAY
- P2 GEOSYNTHETIC PAVEMENT INTERLAYER (PAVING FABRIC)
- P3 REPLACE AC SURFACING (4.5" DEPTH) AFTER  
COLD PLANING PAVEMENT (2.5" DEPTH)
- P4 3" HMA  
6" CLASS 2 AB
- P5 REPLACE AC SURFACING 4" OR 7" HMA (SEE NOTE 2)
- P6 1" HMA LEVELING COURSE  
1.5" TO 3" HMA OVERLAY
- P7 5" HMA (EACH LIFT SHALL BE 2.5" THICK)  
13" CLASS 2 AB  
SUBGRADE ENHANCEMENT GEOTEXTILE (CLASS B1)
- P8 PERMEABLE CONCRETE GRASS PAVERS
- P9 COLD PLANE (CONFORM GRIND) EXISTING AC
- P10 TRUCK APRON  
11" STAMPED CONCRETE  
6" CLASS 2 AB

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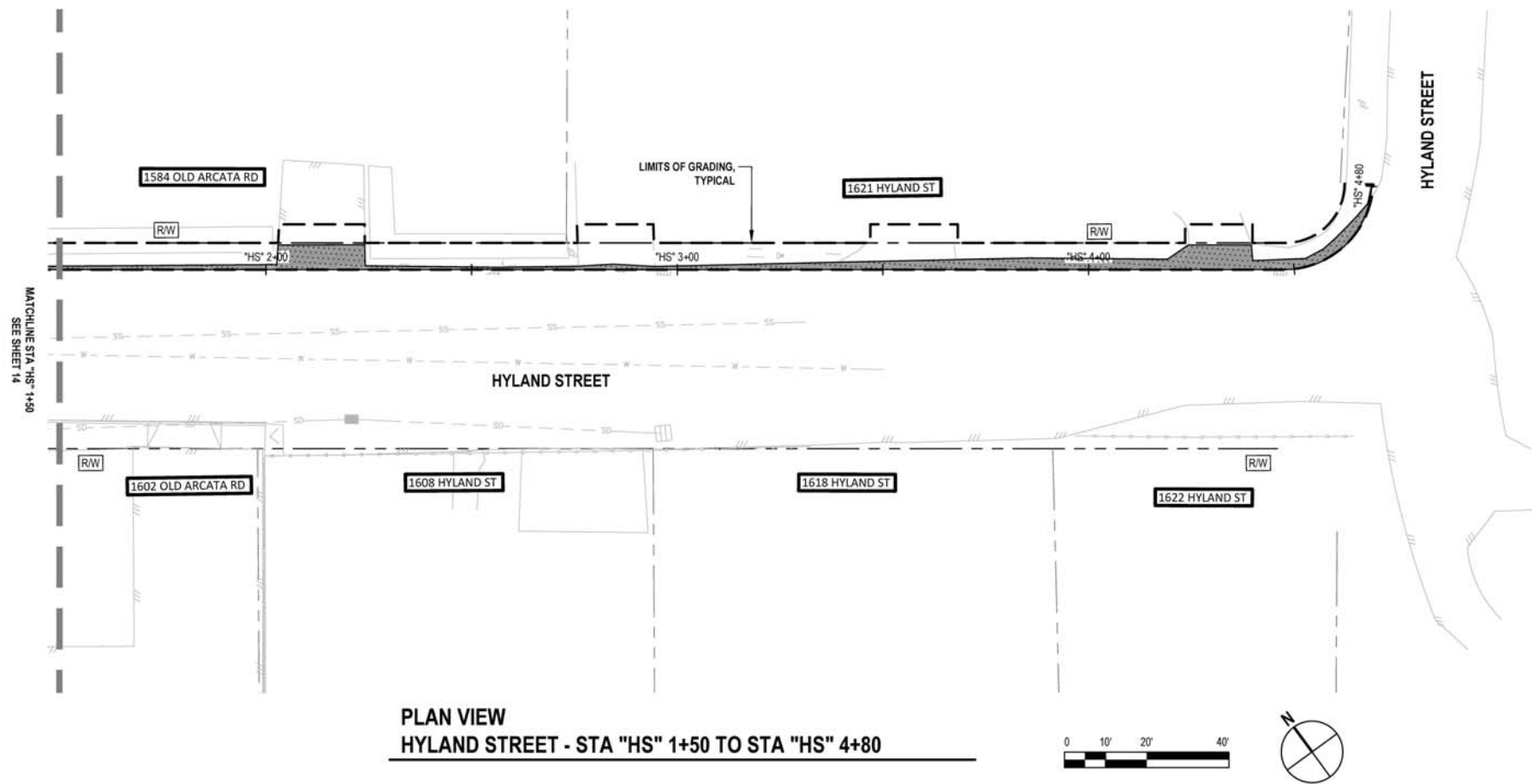
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Title TYPICAL SECTIONS 4 OF 4

Project No. 11159130

Original Size  
ANSI D Sheet No. G-010

Sheet 10 of 61



PLAN VIEW  
HYLAND STREET - STA "HS" 1+50 TO STA "HS" 4+80

- SHEET GENERAL NOTES**
- EXACT LOCATIONS FOR AC REPLACEMENT WILL BE DETERMINED BY THE ENGINEER AND FIELD MARKED PRIOR TO CONSTRUCTION.
  - REFER TO LAYOUT SHEETS FOR UTILITY ADJUSTMENTS.
  - BLADE SOIL TO EXPOSE EXISTING EDGE OF PAVEMENT WHERE NEEDED.
  - PAVING SECTIONS P1, P2, P6 OCCUR BETWEEN PAVEMENT LIMITS TO PAVEMENT LIMITS.
  - SEE LAYOUTS AND PROFILE SHEETS FOR ADDITIONAL DEMOLITION INFORMATION.

- SHEET KEYNOTES**
- REPLACE AC SURFACING (7" HMA) SEE NOTE 1 P5
  - REPLACE AC SURFACING (4" HMA) SEE NOTE 1 P5

| LEGEND                        |                                                                                                                        |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------|
| NOT SHOWN ON PLAN FOR CLARITY | <span>P1</span> 1" HMA LEVELING COURSE<br>1.5" HMA OVERLAY                                                             |
| NOT SHOWN ON PLAN FOR CLARITY | <span>P2</span> GEOSYNTHETIC PAVEMENT INTERLAYER<br>(PAVING FABRIC)                                                    |
|                               | <span>P3</span> REPLACE AC SURFACING (4.5" DEPTH) AFTER<br>COLD PLANING PAVEMENT (2.5" DEPTH)                          |
|                               | <span>P4</span> 3" HMA<br>6" CLASS 2 AB                                                                                |
|                               | <span>P5</span> REPLACE AC SURFACING (4" HMA)                                                                          |
|                               | <span>P5</span> REPLACE AC SURFACING (7" HMA)                                                                          |
| NOT SHOWN ON PLAN FOR CLARITY | <span>P6</span> 1" HMA LEVELING COURSE<br>1.5" TO 3" HMA OVERLAY                                                       |
|                               | <span>P7</span> 5" HMA (EACH LIFT SHALL BE 2.5" THICK)<br>13" CLASS 2 AB<br>SUBGRADE ENHANCEMENT GEOTEXTILE (CLASS B1) |
|                               | <span>P8</span> PERMEABLE CONCRETE GRASS PAVERS                                                                        |
|                               | <span>P9</span> COLD PLANE (CONFORM GRIND) EXISTING AC                                                                 |
|                               | REMOVE ASPHALT CONCRETE PAVEMENT                                                                                       |
|                               | REMOVE CONCRETE PAVEMENT/CURBS                                                                                         |
|                               | REMOVE TREE                                                                                                            |

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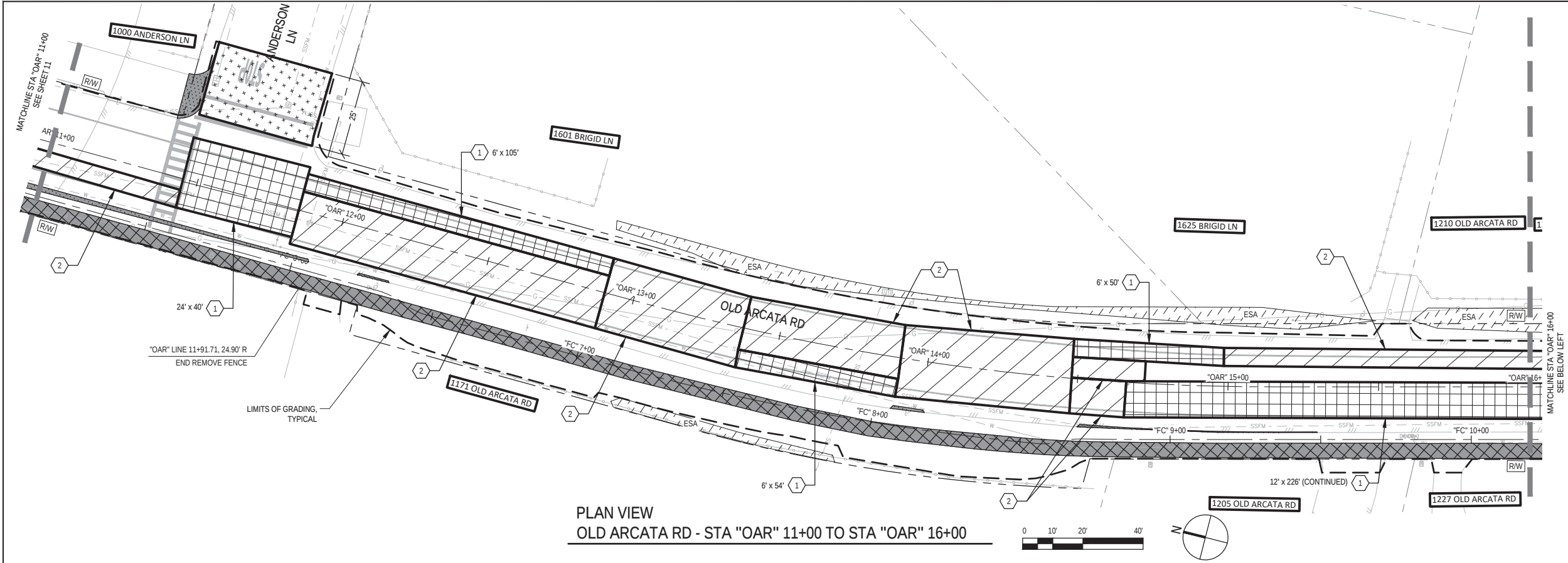
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| Drafting Check                                                                              | J.WOLF  | Design Check | J.WOLF    |
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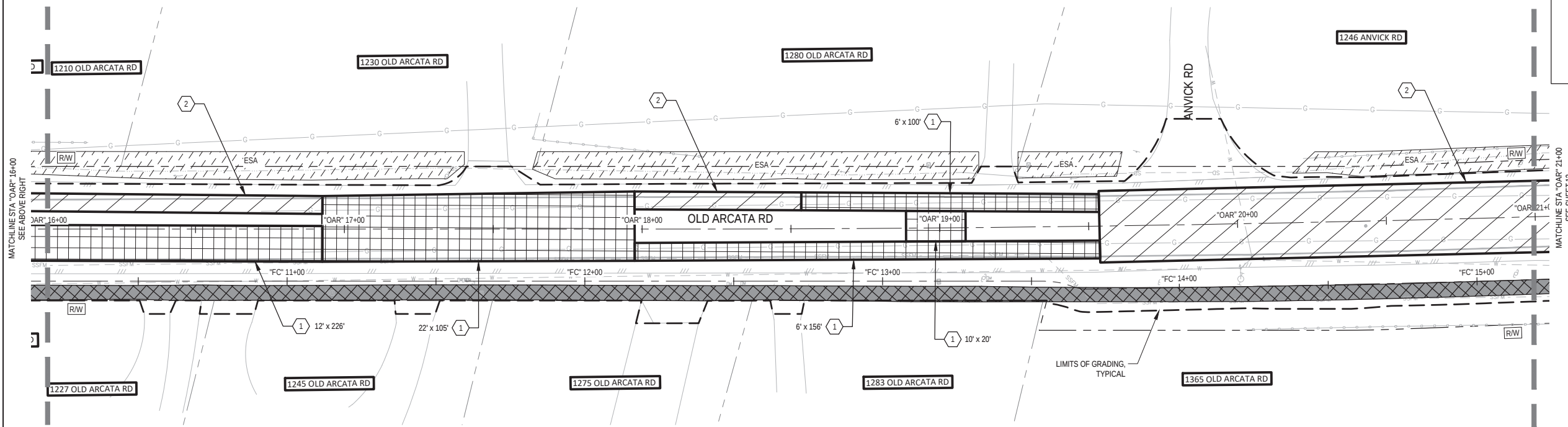
Client **CITY OF ARCATA**  
Project **OLD ARCATA ROAD IMPROVEMENTS**  
Title **PAVING AND DEMOLITION PLAN 8 OF 8**

Project No. **11159130**  
Original Size **ANSI D**

Sheet No. **CD-108**



PLAN VIEW  
OLD ARCATA RD - STA "OAR" 11+00 TO STA "OAR" 16+00



PLAN VIEW  
OLD ARCATA RD - STA "OAR" 16+00 TO STA "OAR" 21+00

SHEET GENERAL NOTES

1.

EXACT LOCATIONS FOR AC REPLACEMENT WILL BE DETERMINED BY THE ENGINEER AND FIELD MARKED PRIOR TO CONSTRUCTION.

2.

REFER TO LAYOUT SHEETS FOR UTILITY ADJUSTMENTS.

3.

BLADE SOIL TO EXPOSE EXISTING EDGE OF PAVEMENT WHERE NEEDED.

4.

PAVING SECTIONS P1, P2, P6 OCCUR BETWEEN PAVEMENT LIMITS TO PAVEMENT LIMITS.

5.

SEE LAYOUTS AND PROFILE SHEETS FOR ADDITIONAL DEMOLITION INFORMATION.

SHEET KEYNOTES

1.

REPLACE AC SURFACING (7" HMA) SEE NOTE 1

P5

2.

REPLACE AC SURFACING (4" HMA) SEE NOTE 1

P5

LEGEND

NOT SHOWN ON PLAN FOR CLARITY

P1

1" HMA LEVELING COURSE  
1.5" HMA OVERLAY

NOT SHOWN ON PLAN FOR CLARITY

P2

GEOSYNTHETIC PAVEMENT INTERLAYER  
(PAVING FABRIC)

NOT SHOWN ON PLAN FOR CLARITY

P3

REPLACE AC SURFACING (4.5" DEPTH) AFTER  
COLD PLANING PAVEMENT (2.5" DEPTH)

NOT SHOWN ON PLAN FOR CLARITY

P4

3" HMA  
6" CLASS 2 AB

NOT SHOWN ON PLAN FOR CLARITY

P5

REPLACE AC SURFACING (4" HMA)

NOT SHOWN ON PLAN FOR CLARITY

P5

REPLACE AC SURFACING (7" HMA)

NOT SHOWN ON PLAN FOR CLARITY

P6

1" HMA LEVELING COURSE  
1.5" TO 3" HMA OVERLAY

NOT SHOWN ON PLAN FOR CLARITY

P7

5" HMA (EACH LIFT SHALL BE 2.5" THICK)  
13" CLASS 2 AB  
SUBGRADE ENHANCEMENT GEOTEXTILE (CLASS B1)

NOT SHOWN ON PLAN FOR CLARITY

P8

PERMEABLE CONCRETE GRASS PAVERS

NOT SHOWN ON PLAN FOR CLARITY

P9

COLD PLANE (CONFORM GRIND) EXISTING AC

NOT SHOWN ON PLAN FOR CLARITY

P10

REMOVE ASPHALT CONCRETE PAVEMENT

NOT SHOWN ON PLAN FOR CLARITY

P11

REMOVE CONCRETE PAVEMENT/CURBS

NOT SHOWN ON PLAN FOR CLARITY

P12

REMOVE TREE

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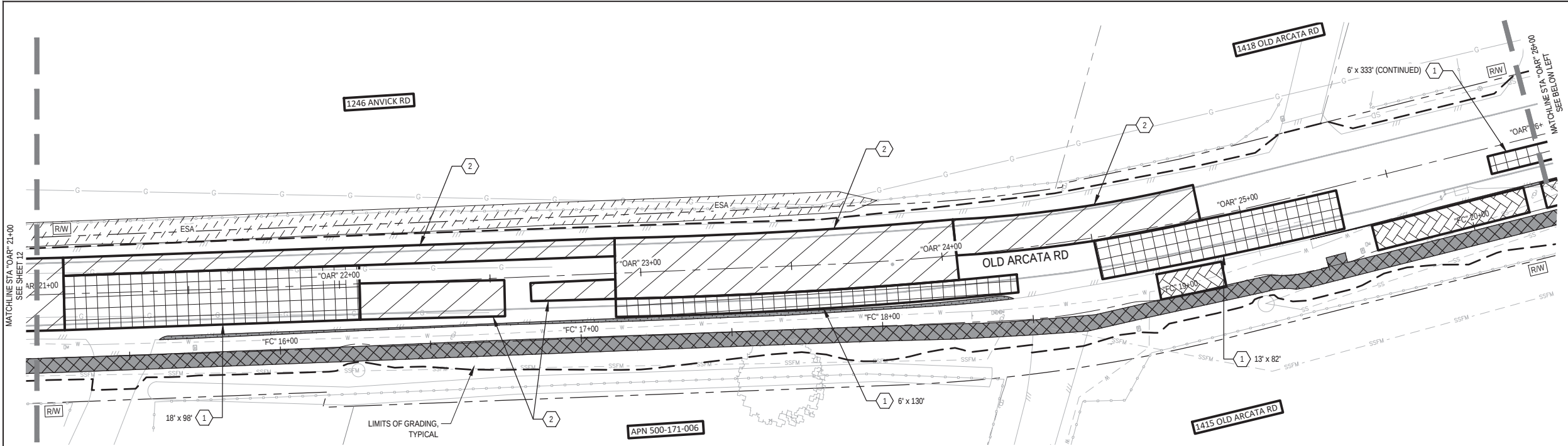
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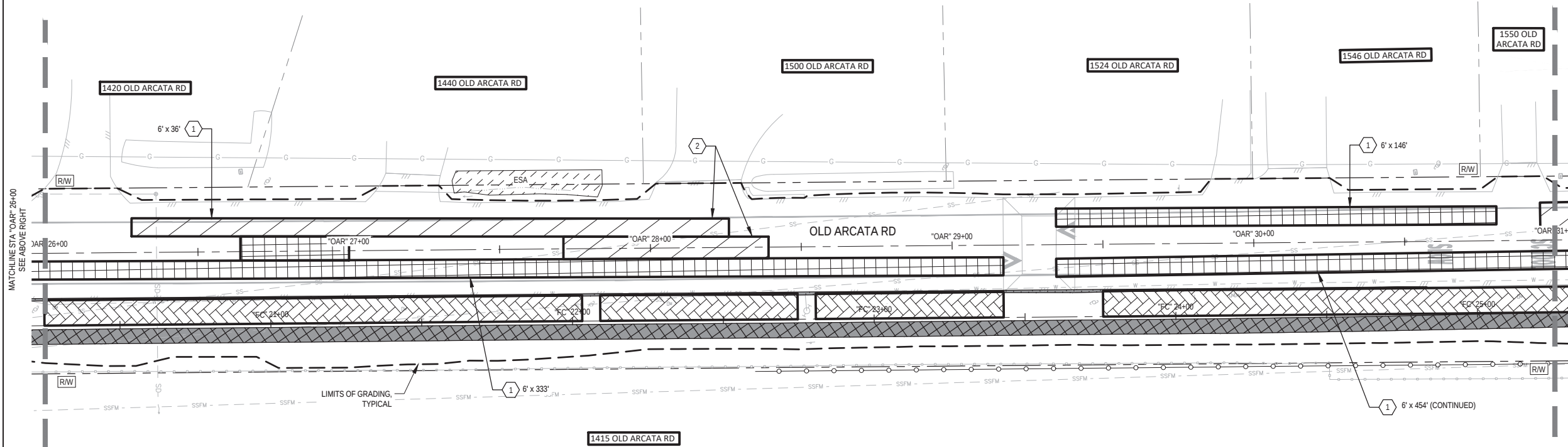
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Project OLD ARCATA ROAD IMPROVEMENTS  
Title PAVING AND DEMOLITION PLAN 2 OF 8  
Project No. 11159130  
Original Size ANSI D  
Sheet No. CD-102

Sheet 12 of 61

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PLAN VIEW  
OLD ARCATA RD - STA "OAR" 21+00 TO STA "OAR" 26+00



PLAN VIEW  
OLD ARCATA RD - STA "OAR" 26+00 TO STA "OAR" 31+00

SHEET GENERAL NOTES

1.

EXACT LOCATIONS FOR AC REPLACEMENT WILL BE DETERMINED BY THE ENGINEER AND FIELD MARKED PRIOR TO CONSTRUCTION.

2.

REFER TO LAYOUT SHEETS FOR UTILITY ADJUSTMENTS.

3.

BLADE SOIL TO EXPOSE EXISTING EDGE OF PAVEMENT WHERE NEEDED.

4.

PAVING SECTIONS P1, P2, P6 OCCUR BETWEEN PAVEMENT LIMITS TO PAVEMENT LIMITS.

5.

SEE LAYOUTS AND PROFILE SHEETS FOR ADDITIONAL DEMOLITION INFORMATION.

SHEET KEYNOTES

1.

REPLACE AC SURFACING (7" HMA) SEE NOTE 1

P5

2.

REPLACE AC SURFACING (4" HMA) SEE NOTE 1

P5

LEGEND

NOT SHOWN ON PLAN FOR CLARITY

P1

1" HMA LEVELING COURSE  
1.5" HMA OVERLAY

NOT SHOWN ON PLAN FOR CLARITY

P2

GEOSYNTHETIC PAVEMENT INTERLAYER (PAVING FABRIC)

NOT SHOWN ON PLAN FOR CLARITY

P3

REPLACE AC SURFACING (4.5" DEPTH) AFTER COLD PLANING PAVEMENT (2.5" DEPTH)

NOT SHOWN ON PLAN FOR CLARITY

P4

3" HMA  
6" CLASS 2 AB

NOT SHOWN ON PLAN FOR CLARITY

P5

REPLACE AC SURFACING (4" HMA)

NOT SHOWN ON PLAN FOR CLARITY

P5

REPLACE AC SURFACING (7" HMA)

NOT SHOWN ON PLAN FOR CLARITY

P6

1" HMA LEVELING COURSE  
1.5" TO 3" HMA OVERLAY

NOT SHOWN ON PLAN FOR CLARITY

P7

5" HMA (EACH LIFT SHALL BE 2.5" THICK)  
13" CLASS 2 AB  
SUBGRADE ENHANCEMENT GEOTEXTILE (CLASS B1)

NOT SHOWN ON PLAN FOR CLARITY

P8

PERMEABLE CONCRETE GRASS PAVERS

NOT SHOWN ON PLAN FOR CLARITY

P9

COLD PLANE (CONFORM GRIND) EXISTING AC

NOT SHOWN ON PLAN FOR CLARITY

P10

REMOVE ASPHALT CONCRETE PAVEMENT

NOT SHOWN ON PLAN FOR CLARITY

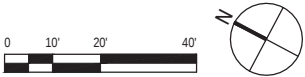
P11

REMOVE CONCRETE PAVEMENT/CURBS

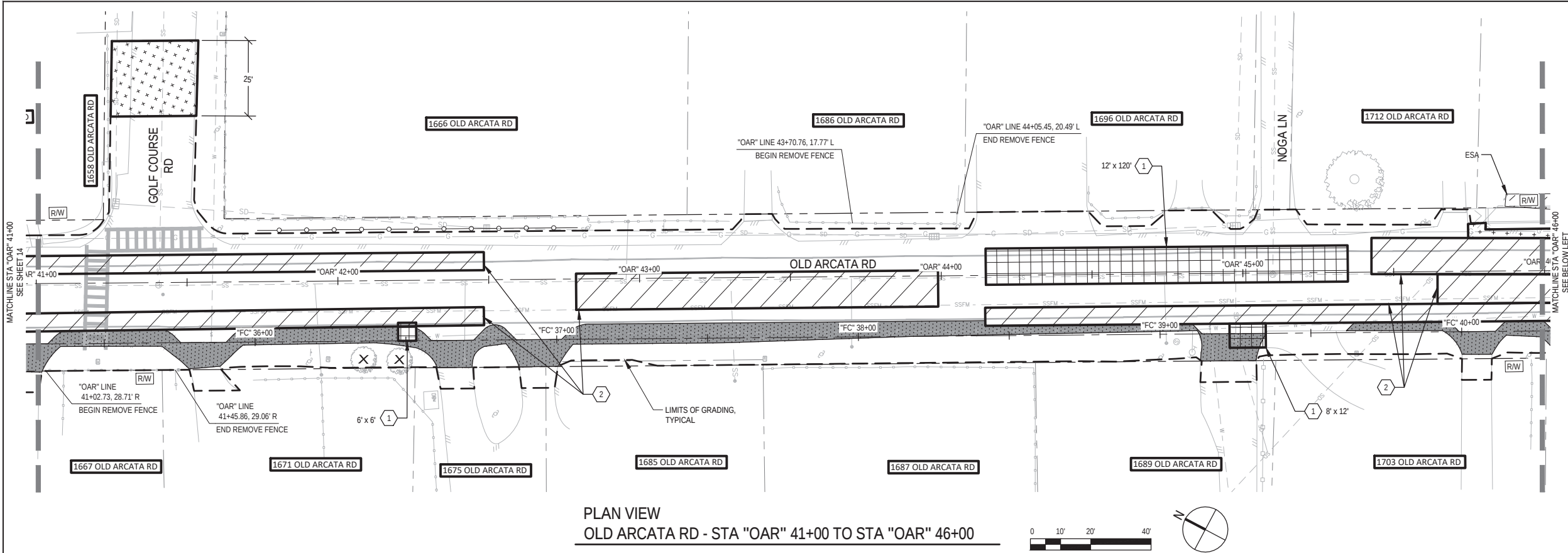
NOT SHOWN ON PLAN FOR CLARITY

P12

REMOVE TREE



|                                          |                                                                                      |                                                                                                                                                             |                                                                                       |                                                                                                                                                                                                             |                         |                   |                                                                                                          |                      |                         |                  |                |
|------------------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|-------------------|----------------------------------------------------------------------------------------------------------|----------------------|-------------------------|------------------|----------------|
| 90% PLANS<br><br>NOT FOR<br>CONSTRUCTION |  | <div>Bar is one inch on<br/>original size sheet</div> <div>0  1"</div> |  | <br><br>GHD Inc.<br>718 Third Street<br>Eureka California 95501 USA<br>T 1 707 443 8326 F 1 707 444 8330 W www.ghd.com | Drawn M. GONZALES       | Designer C. PENNY | Client CITY OF ARCATA<br>Project OLD ARCATA ROAD IMPROVEMENTS<br>Title PAVING AND DEMOLITION PLAN 4 OF 8 | Project No. 11159130 | Original Size<br>ANSI D | Sheet No. CD-104 | Sheet 14 of 61 |
|                                          |                                                                                      |                                                                                                                                                             |                                                                                       |                                                                                                                                                                                                             | Drafting J. WOLF        | Design J. WOLF    |                                                                                                          |                      |                         |                  |                |
|                                          |                                                                                      |                                                                                                                                                             |                                                                                       |                                                                                                                                                                                                             | Project Manager J. WOLF | Date 1/23/2023    |                                                                                                          |                      |                         |                  |                |



PLAN VIEW  
OLD ARCATA RD - STA "OAR" 41+00 TO STA "OAR" 46+00

**SHEET GENERAL NOTES**

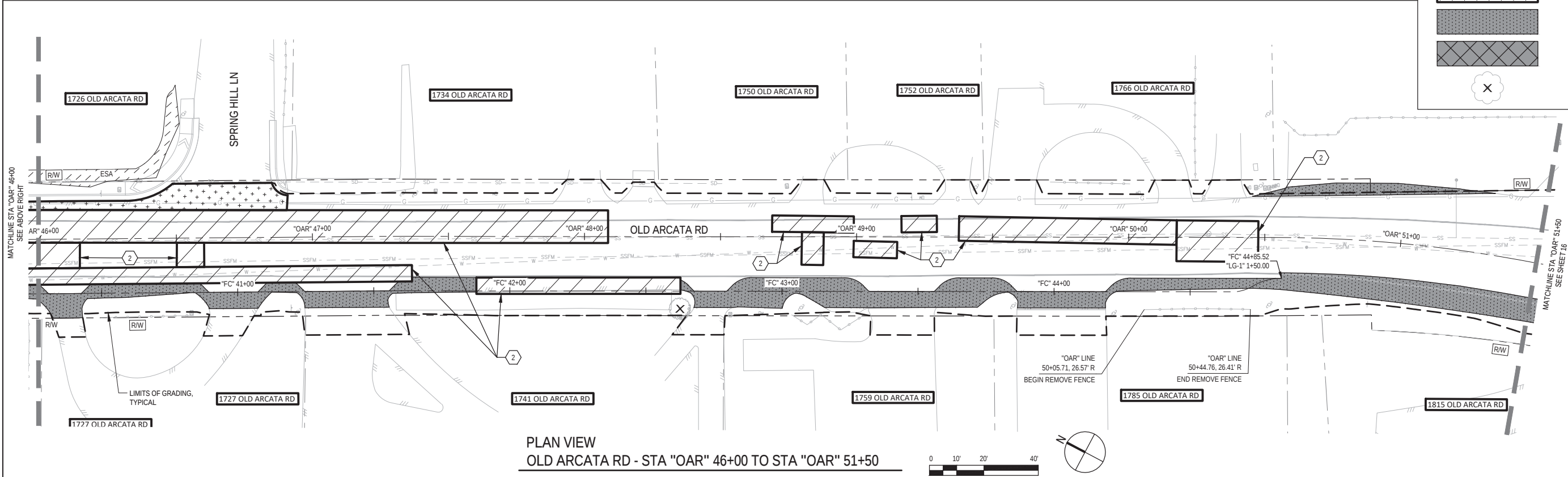
- EXACT LOCATIONS FOR AC REPLACEMENT WILL BE DETERMINED BY THE ENGINEER AND FIELD MARKED PRIOR TO CONSTRUCTION.
- REFER TO LAYOUT SHEETS FOR UTILITY ADJUSTMENTS.
- BLADE SOIL TO EXPOSE EXISTING EDGE OF PAVEMENT WHERE NEEDED.
- PAVING SECTIONS P1, P2, P6 OCCUR BETWEEN PAVEMENT LIMITS TO PAVEMENT LIMITS.
- SEE LAYOUTS AND PROFILE SHEETS FOR ADDITIONAL DEMOLITION INFORMATION.

**SHEET KEYNOTES**

- REPLACE AC SURFACING (7" HMA) SEE NOTE 1 **P5**
- REPLACE AC SURFACING (4" HMA) SEE NOTE 1 **P5**

**LEGEND**

|                               |           |                                                                                                        |
|-------------------------------|-----------|--------------------------------------------------------------------------------------------------------|
| NOT SHOWN ON PLAN FOR CLARITY | <b>P1</b> | 1" HMA LEVELING COURSE<br>1.5" HMA OVERLAY                                                             |
| NOT SHOWN ON PLAN FOR CLARITY | <b>P2</b> | GEOSYNTHETIC PAVEMENT INTERLAYER<br>(PAVING FABRIC)                                                    |
|                               | <b>P3</b> | REPLACE AC SURFACING (4.5" DEPTH) AFTER<br>COLD PLANING PAVEMENT (2.5" DEPTH)                          |
|                               | <b>P4</b> | 3" HMA<br>6" CLASS 2 AB                                                                                |
|                               | <b>P5</b> | REPLACE AC SURFACING (4" HMA)                                                                          |
|                               | <b>P5</b> | REPLACE AC SURFACING (7" HMA)                                                                          |
| NOT SHOWN ON PLAN FOR CLARITY | <b>P6</b> | 1" HMA LEVELING COURSE<br>1.5" TO 3" HMA OVERLAY                                                       |
|                               | <b>P7</b> | 5" HMA (EACH LIFT SHALL BE 2.5" THICK)<br>13" CLASS 2 AB<br>SUBGRADE ENHANCEMENT GEOTEXTILE (CLASS B1) |
|                               | <b>P8</b> | PERMEABLE CONCRETE GRASS PAVERS                                                                        |
|                               | <b>P9</b> | COLD PLANE (CONFORM GRIND) EXISTING AC                                                                 |
|                               |           | REMOVE ASPHALT CONCRETE PAVEMENT                                                                       |
|                               |           | REMOVE CONCRETE PAVEMENT/CURBS                                                                         |
|                               |           | REMOVE TREE                                                                                            |



PLAN VIEW  
OLD ARCATA RD - STA "OAR" 46+00 TO STA "OAR" 51+50

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CONSTRUCTION



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| Drawn                                                                                       | M. GONZALES | Designer     | C. PENNY  |
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| Project Manager                                                                             | J. WOLF     | Date         | 1/23/2023 |
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Client **CITY OF ARCATA**  
Project **OLD ARCATA ROAD IMPROVEMENTS**  
Title **PAVING AND DEMOLITION PLAN 5 OF 8**

Project No. **11159130**  
Original Size  
ANSI D

Sheet No. **CD-105**

Sheet 15 of 61

SHEET GENERAL NOTES

- EXACT LOCATIONS FOR AC REPLACEMENT WILL BE DETERMINED BY THE ENGINEER AND FIELD MARKED PRIOR TO CONSTRUCTION.
- REFER TO LAYOUT SHEETS FOR UTILITY ADJUSTMENTS.
- BLADE SOIL TO EXPOSE EXISTING EDGE OF PAVEMENT WHERE NEEDED.
- PAVING SECTIONS P1, P2, P6 OCCUR BETWEEN PAVEMENT LIMITS TO PAVEMENT LIMITS.
- SEE LAYOUTS AND PROFILE SHEETS FOR ADDITIONAL DEMOLITION INFORMATION.

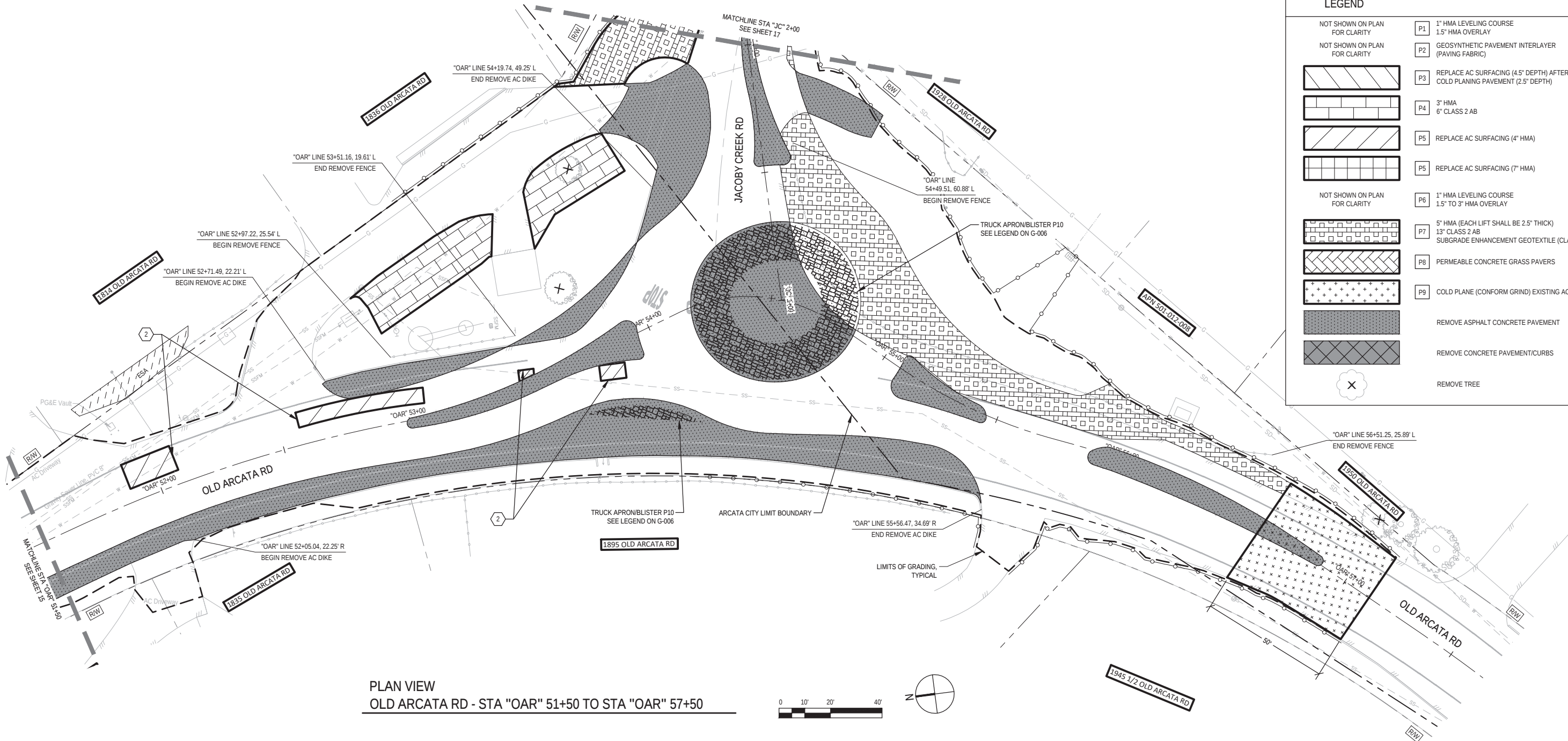


SHEET KEYNOTES

- REPLACE AC SURFACING (7" HMA) SEE NOTE 1 **P5**
- REPLACE AC SURFACING (4" HMA) SEE NOTE 1 **P5**

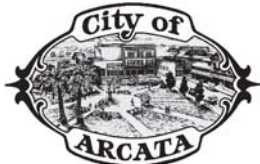
LEGEND

|                               |           |                                                                                                        |
|-------------------------------|-----------|--------------------------------------------------------------------------------------------------------|
| NOT SHOWN ON PLAN FOR CLARITY | <b>P1</b> | 1" HMA LEVELING COURSE<br>1.5" HMA OVERLAY                                                             |
| NOT SHOWN ON PLAN FOR CLARITY | <b>P2</b> | GEOSYNTHETIC PAVEMENT INTERLAYER<br>(PAVING FABRIC)                                                    |
|                               | <b>P3</b> | REPLACE AC SURFACING (4.5" DEPTH) AFTER<br>COLD PLANING PAVEMENT (2.5" DEPTH)                          |
|                               | <b>P4</b> | 3" HMA<br>6" CLASS 2 AB                                                                                |
|                               | <b>P5</b> | REPLACE AC SURFACING (4" HMA)                                                                          |
|                               | <b>P5</b> | REPLACE AC SURFACING (7" HMA)                                                                          |
| NOT SHOWN ON PLAN FOR CLARITY | <b>P6</b> | 1" HMA LEVELING COURSE<br>1.5" TO 3" HMA OVERLAY                                                       |
|                               | <b>P7</b> | 5" HMA (EACH LIFT SHALL BE 2.5" THICK)<br>13" CLASS 2 AB<br>SUBGRADE ENHANCEMENT GEOTEXTILE (CLASS B1) |
|                               | <b>P8</b> | PERMEABLE CONCRETE GRASS PAVERS                                                                        |
|                               | <b>P9</b> | COLD PLANE (CONFORM GRIND) EXISTING AC                                                                 |
|                               |           | REMOVE ASPHALT CONCRETE PAVEMENT                                                                       |
|                               |           | REMOVE CONCRETE PAVEMENT/CURBS                                                                         |
|                               |           | REMOVE TREE                                                                                            |



PLAN VIEW  
OLD ARCATA RD - STA "OAR" 51+50 TO STA "OAR" 57+50

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| Drafting<br>Check                                                                                 | J. WOLF     | Design<br>Check | J. WOLF   |
| Project<br>Manager                                                                                | J. WOLF     | Date            | 1/23/2023 |
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Project **OLD ARCATA ROAD IMPROVEMENTS**  
Title **PAVING AND DEMOLITION PLAN 6 OF 8**

Project No. **11159130**  
Original Size  
ANSI D Sheet No. **CD-106**

SHEET GENERAL NOTES

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2. REFER TO LAYOUT SHEETS FOR UTILITY ADJUSTMENTS.
3. BLADE SOIL TO EXPOSE EXISTING EDGE OF PAVEMENT WHERE NEEDED.
4. PAVING SECTIONS P1, P2, P6 OCCUR BETWEEN PAVEMENT LIMITS TO PAVEMENT LIMITS.
5. SEE LAYOUTS AND PROFILE SHEETS FOR ADDITIONAL DEMOLITION INFORMATION.



SHEET KEYNOTES

1. REPLACE AC SURFACING (7" HMA) SEE NOTE 1 

P5
2. REPLACE AC SURFACING (4" HMA) SEE NOTE 1 

P5

LEGEND

- NOT SHOWN ON PLAN FOR CLARITY

P1

1" HMA LEVELING COURSE  
1.5" HMA OVERLAY
- NOT SHOWN ON PLAN FOR CLARITY

P2

GEOSYNTHETIC PAVEMENT INTERLAYER  
(PAVING FABRIC)
- P3

REPLACE AC SURFACING (4.5" DEPTH) AFTER  
COLD PLANING PAVEMENT (2.5" DEPTH)
- P4

3" HMA  
6" CLASS 2 AB
- P5

REPLACE AC SURFACING (4" HMA)
- P5

REPLACE AC SURFACING (7" HMA)
- NOT SHOWN ON PLAN FOR CLARITY

P6

1" HMA LEVELING COURSE  
1.5" TO 3" HMA OVERLAY
- P7

5" HMA (EACH LIFT SHALL BE 2.5" THICK)  
13" CLASS 2 AB  
SUBGRADE ENHANCEMENT GEOTEXTILE (CLASS B1)
- P8

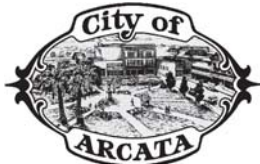
PERMEABLE CONCRETE GRASS PAVERS
- P9

COLD PLANE (CONFORM GRIND) EXISTING AC
- REMOVE ASPHALT CONCRETE PAVEMENT
- REMOVE CONCRETE PAVEMENT/CURBS
- REMOVE TREE

PLAN VIEW  
JACOBY CREEK RD - STA "JC" 2+00 TO STA "JC" 7+40



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| Project Manager                                                                             | J. WOLF     | Date         | 1/23/2023 |
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Project OLD ARCATA ROAD IMPROVEMENTS  
Title PAVING AND DEMOLITION PLAN 7 OF 8

Project No. 11159130

Original Size ANSI D  
Sheet No. CD-107

SHEET GENERAL NOTES

1.
- EXACT LOCATIONS FOR AC REPLACEMENT WILL BE DETERMINED BY THE ENGINEER AND FIELD MARKED PRIOR TO CONSTRUCTION.
2.
- REFER TO LAYOUT SHEETS FOR UTILITY ADJUSTMENTS.
3.
- BLADE SOIL TO EXPOSE EXISTING EDGE OF PAVEMENT WHERE NEEDED.
4.
- PAVING SECTIONS P1, P2, P6 OCCUR BETWEEN PAVEMENT LIMITS TO PAVEMENT LIMITS.
5.
- SEE LAYOUTS AND PROFILE SHEETS FOR ADDITIONAL DEMOLITION INFORMATION.

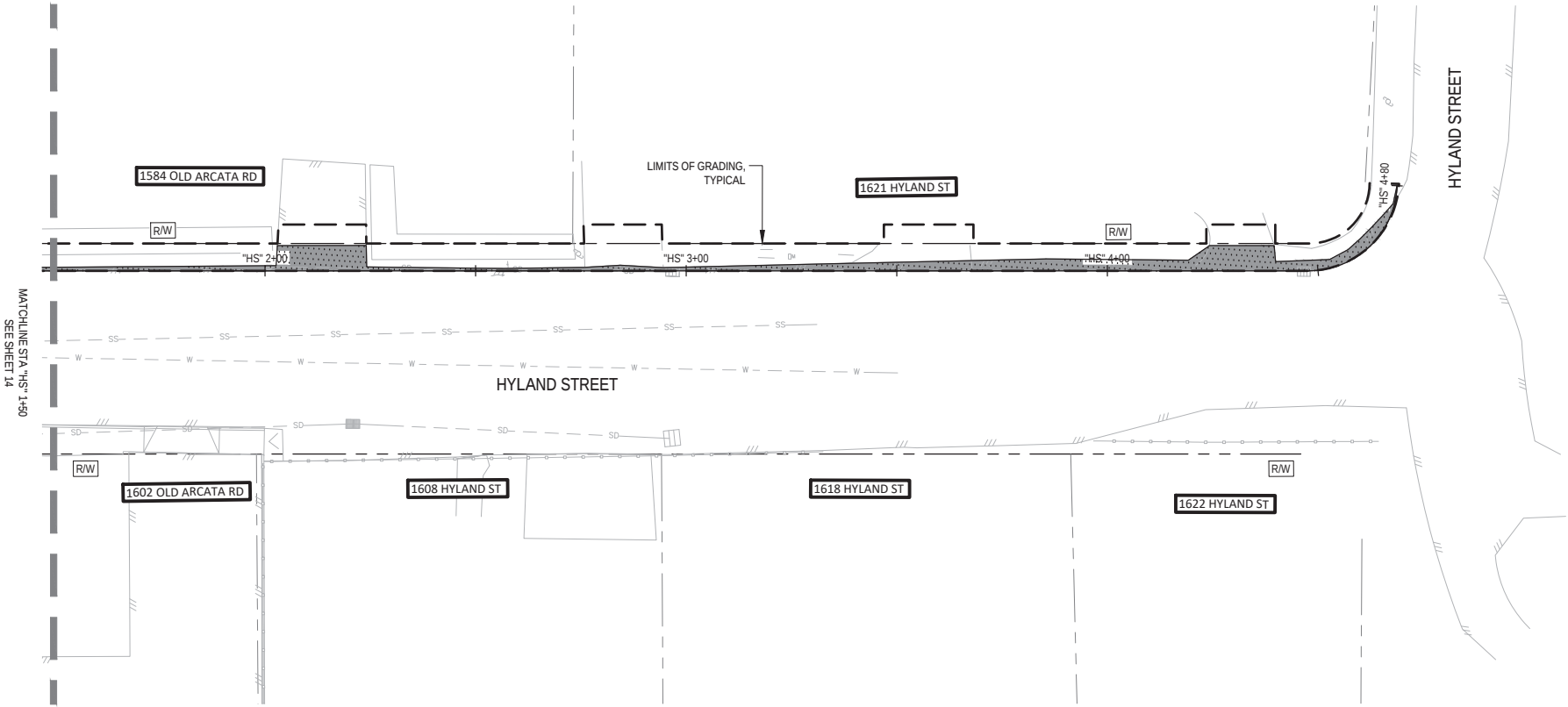


SHEET KEYNOTES

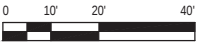
1.
- REPLACE AC SURFACING (7" HMA) SEE NOTE 1
- P5
2.
- REPLACE AC SURFACING (4" HMA) SEE NOTE 1
- P5

LEGEND

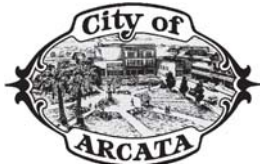
- NOT SHOWN ON PLAN FOR CLARITY
- P1
- 1" HMA LEVELING COURSE  
1.5" HMA OVERLAY
- NOT SHOWN ON PLAN FOR CLARITY
- P2
- GEOSYNTHETIC PAVEMENT INTERLAYER  
(PAVING FABRIC)
- 
- P3
- REPLACE AC SURFACING (4.5" DEPTH) AFTER  
COLD PLANING PAVEMENT (2.5" DEPTH)
- 
- P4
- 3" HMA  
6" CLASS 2 AB
- 
- P5
- REPLACE AC SURFACING (4" HMA)
- 
- P5
- REPLACE AC SURFACING (7" HMA)
- NOT SHOWN ON PLAN FOR CLARITY
- P6
- 1" HMA LEVELING COURSE  
1.5" TO 3" HMA OVERLAY
- 
- P7
- 5" HMA (EACH LIFT SHALL BE 2.5" THICK)  
13" CLASS 2 AB  
SUBGRADE ENHANCEMENT GEOTEXTILE (CLASS B1)
- 
- P8
- PERMEABLE CONCRETE GRASS PAVERS
- 
- P9
- COLD PLANE (CONFORM GRIND) EXISTING AC
- 
- 
- REMOVE ASPHALT CONCRETE PAVEMENT
- 
- 
- REMOVE CONCRETE PAVEMENT/CURBS
- 
- 
- REMOVE TREE



PLAN VIEW  
HYLAND STREET - STA "HS" 1+50 TO STA "HS" 4+80



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| Project Manager                                                                             | J. WOLF | Date         | 1/23/2023 |
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Title  
CITY OF ARCATA  
OLD ARCATA ROAD IMPROVEMENTS  
PAVING AND DEMOLITION PLAN 8 OF 8

Project No. 11159130

Original Size  
ANSI D  
Sheet No. CD-108

Sheet 18 of 61

- SHEET GENERAL NOTES
1.

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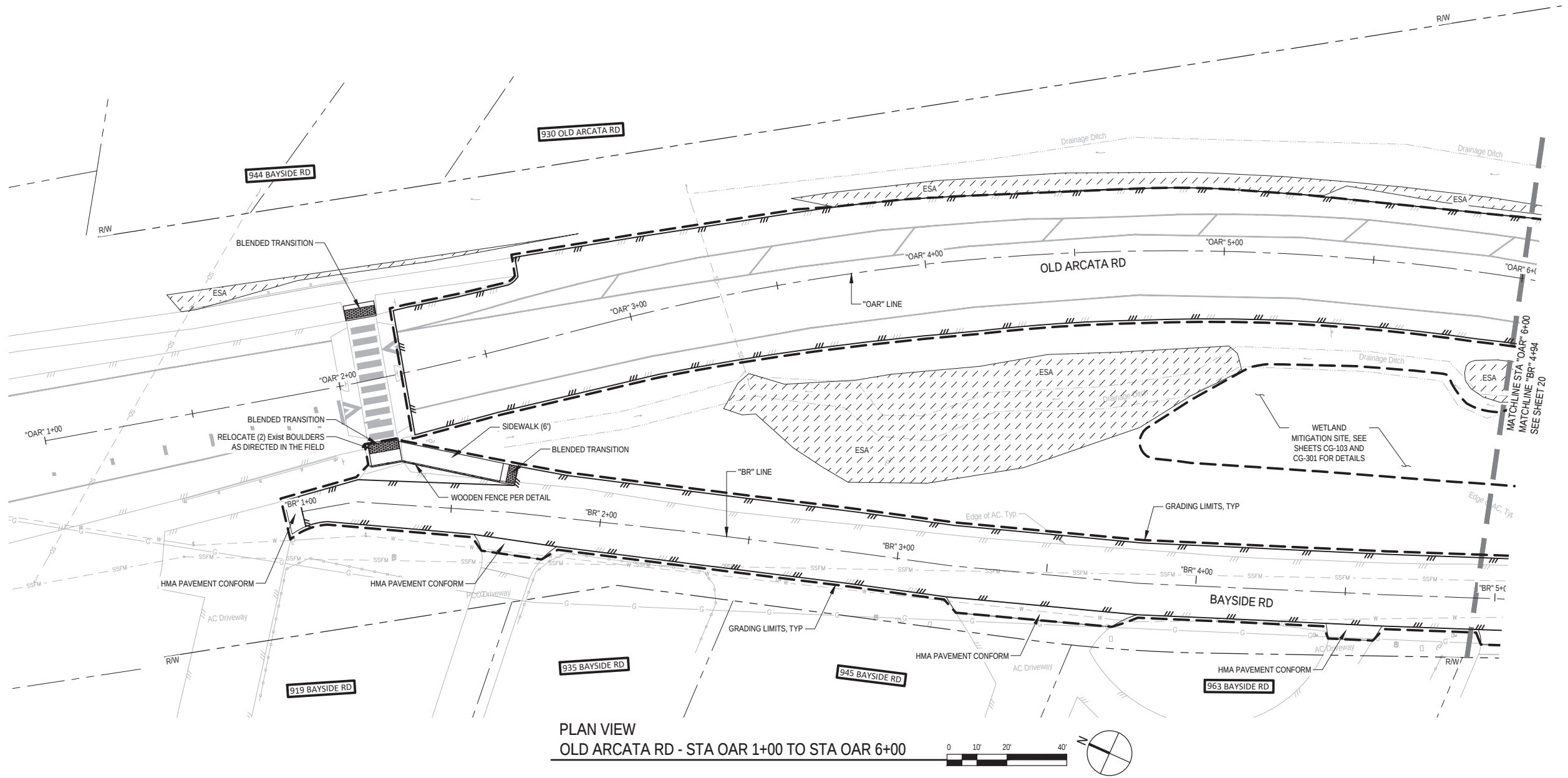
- SHEET KEYNOTES
1.

ADJUST MONUMENT COVER TO GRADE
2.

ADJUST UTILITY COVER TO GRADE
3.

RESET EXIST MAILBOX
4.

RESET EXIST DI TO GRADE



PLAN VIEW  
OLD ARCATA RD - STA OAR 1+00 TO STA OAR 6+00

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CONSTRUCTION



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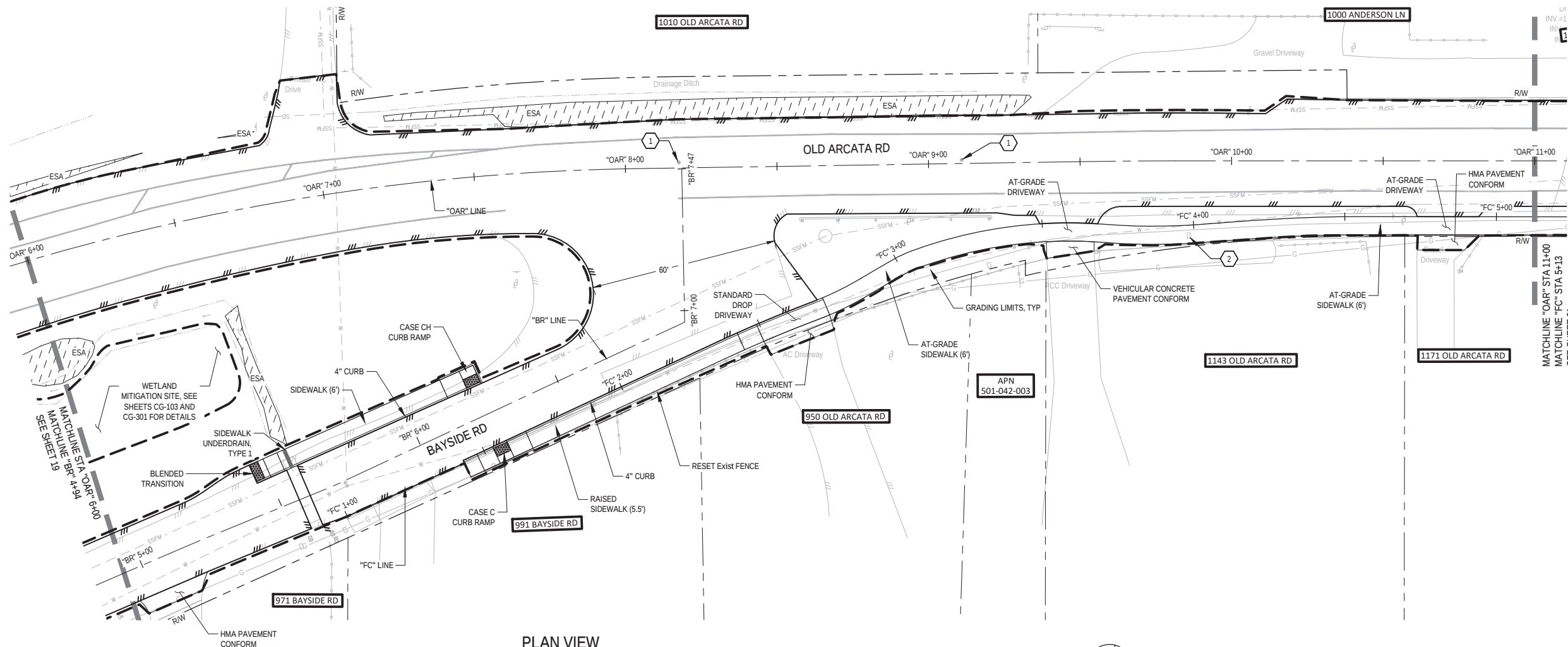
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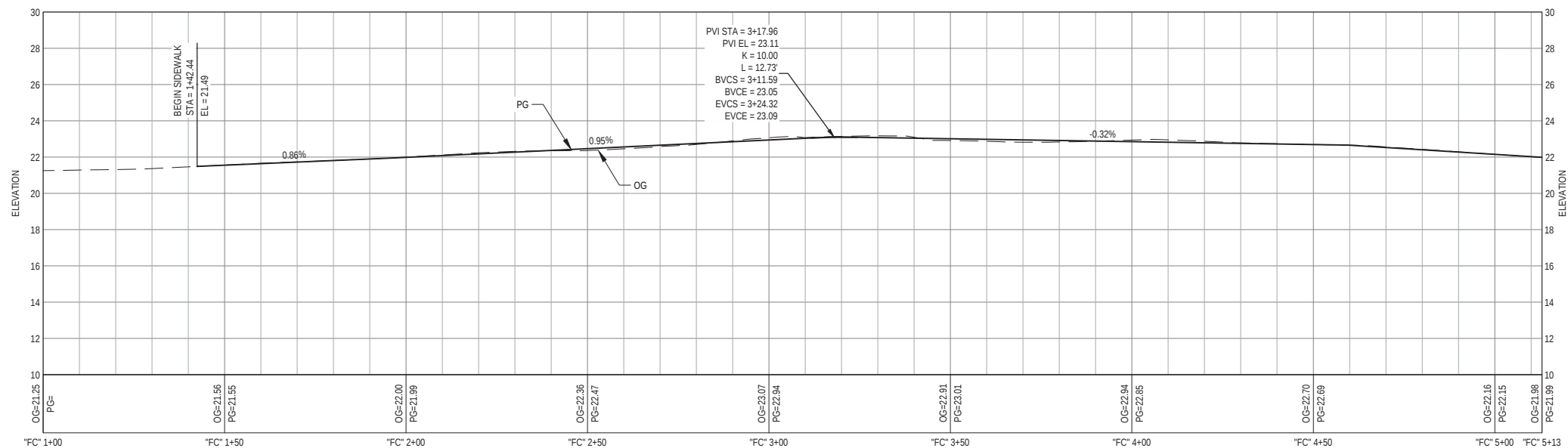
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| Drafting Check                                                                              | J. WOLF  | Design Check | J. WOLF   |
| Project Manager                                                                             | J. WOLF  | Date         | 1/23/2023 |
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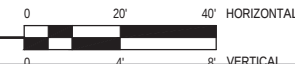
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| Client        | CITY OF ARCATA                                                       |           |       |
| Project       | OLD ARCATA ROAD IMPROVEMENTS                                         |           |       |
| Title         | LAYOUTS AND PROFILES<br>OLD ARCATA RD - STA OAR 1+00 TO STA OAR 6+00 |           |       |
| Project No.   | 11159130                                                             |           |       |
| Original Size | ANSI D                                                               | Sheet No. | C-101 |



PLAN VIEW  
OLD ARCATA RD - STA "OAR" 6+00 TO STA "OAR" 11+00



PROFILE VIEW  
SIDEWALK - STA "FC" 1+00 TO STA "FC" 5+13



- SHEET GENERAL NOTES**
- ALL UTILITIES AND MAILBOXES ARE TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED ON THESE PLANS.
- SHEET KEYNOTES**
- ADJUST MONUMENT COVER TO GRADE
  - ADJUST UTILITY COVER TO GRADE
  - RESET EXIST MAILBOX
  - RESET EXIST DI TO GRADE

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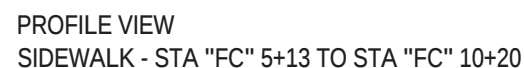
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| Project Manager                                                                             | J. WOLF  | Date         | 1/23/2023 |
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| Project       | OLD ARCATA ROAD IMPROVEMENTS                  |           |          |
| Title         | LAYOUTS AND PROFILES                          |           |          |
|               | OLD ARCATA RD - STA OAR 6+00 TO STA OAR 11+00 |           |          |
| Project No.   | 11159130                                      |           |          |
| Original Size | ANSI D                                        | Sheet No. | C-102    |
|               |                                               | Sheet     | 20 of 61 |

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1. ADJUST MONUMENT COVER TO GRADE
2. ADJUST UTILITY COVER TO GRADE
3. RESET EXIST MAILBOX
4. RESET EXIST DI TO GRADE

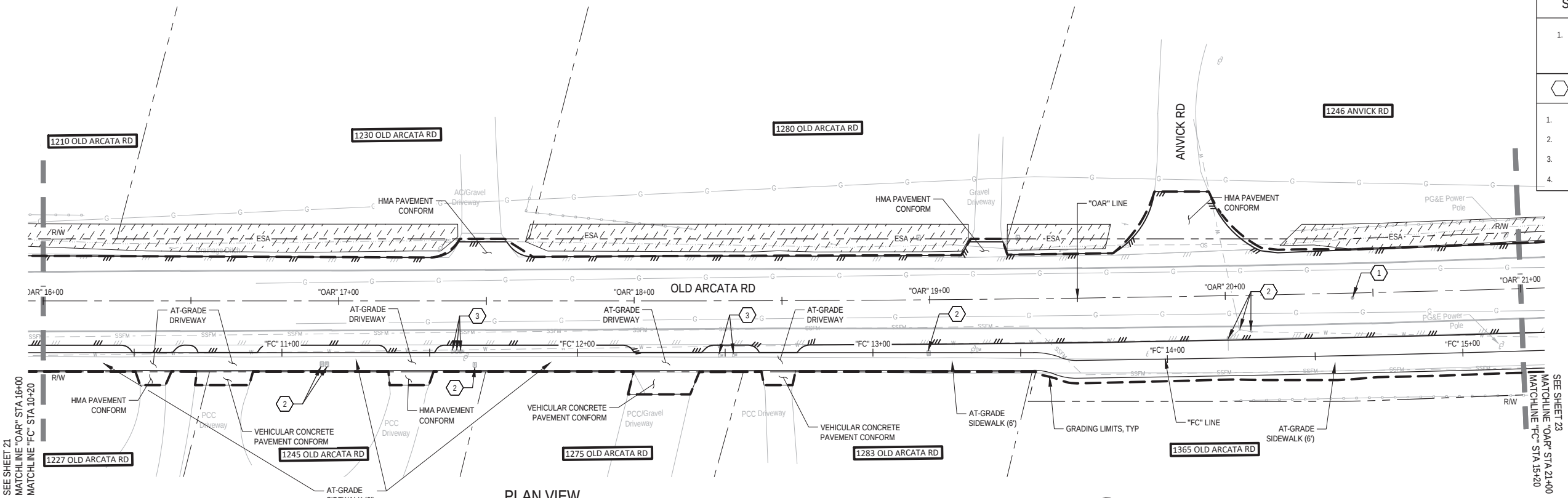


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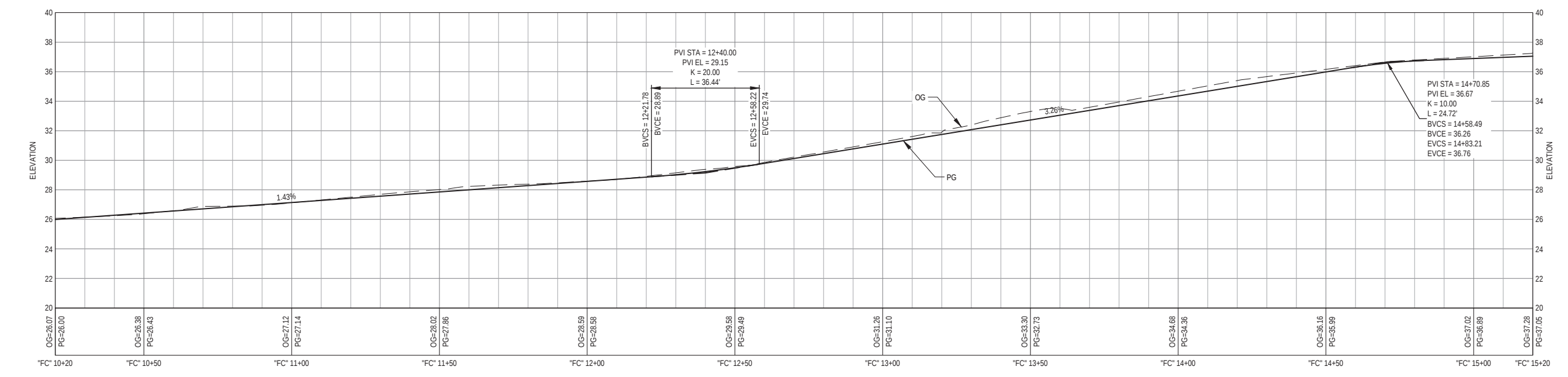


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| Project                 | OLD ARCATA ROAD IMPROVEMENTS                   |  |          |
| Title                   | LAYOUTS AND PROFILES                           |  |          |
|                         | OLD ARCATA RD - STA OAR 11+00 TO STA OAR 16+00 |  |          |
| Project No.             | 11159130                                       |  |          |
| Original Size<br>ANSI D | Sheet No. <b>C-103</b>                         |  | Sheet 21 |



- SHEET GENERAL NOTES**
- ALL UTILITIES AND MAILBOXES ARE TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED ON THESE PLANS.
- SHEET KEYNOTES**
- ADJUST MONUMENT COVER TO GRADE
  - ADJUST UTILITY COVER TO GRADE
  - RESET EXIST MAILBOX
  - RESET EXIST DI TO GRADE



**PROFILE VIEW**  
**SIDEWALK - STA "FC" 10+20 TO STA "FC" 15+20**

**90% PLANS**  
**NOT FOR**  
**CONSTRUCTION**



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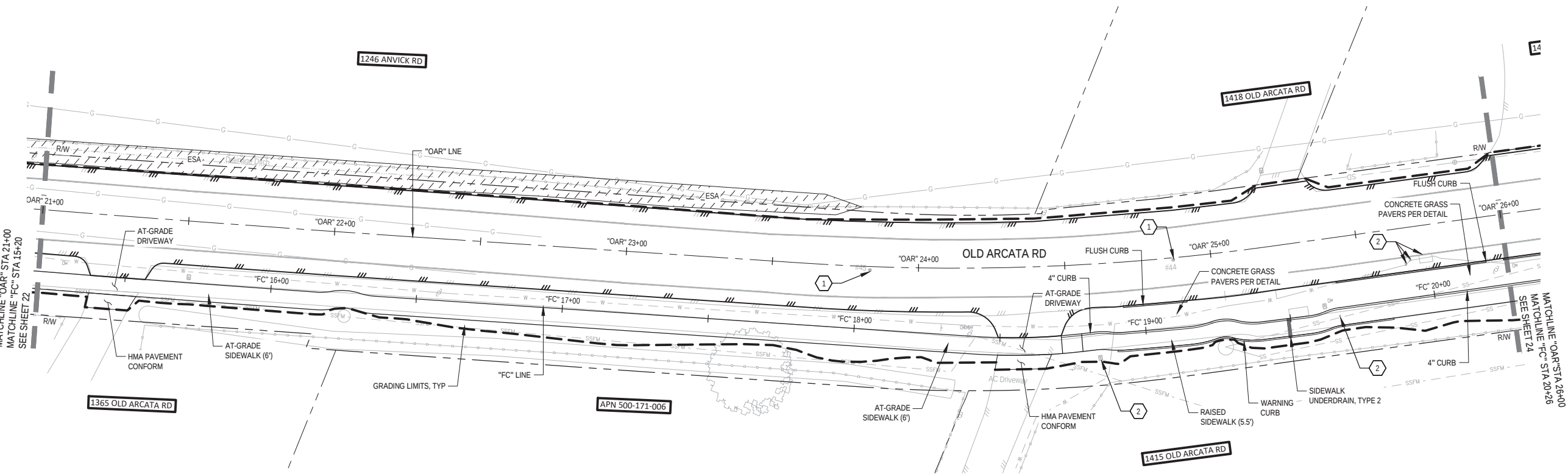
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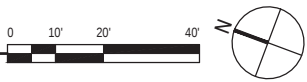
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| Drawn                                                                                       | C. PENNY | Designer     | C. PENNY  |
| Drafting Check                                                                              | J. WOLF  | Design Check | J. WOLF   |
| Project Manager                                                                             | J. WOLF  | Date         | 1/23/2023 |
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| Client      | CITY OF ARCATA                                 |              |       |
| Project     | OLD ARCATA ROAD IMPROVEMENTS                   |              |       |
| Title       | LAYOUTS AND PROFILES                           |              |       |
|             | OLD ARCATA RD - STA OAR 16+00 TO STA OAR 21+00 |              |       |
| Project No. | 11159130                                       |              |       |
| ANSI D      | Sheet No.                                      | <b>C-104</b> |       |
| Sheet       |                                                | 22           | of 61 |



PLAN VIEW  
OLD ARCATA RD - STA "OAR" 21+00 TO STA "OAR" 26+00



- SHEET GENERAL NOTES
1.

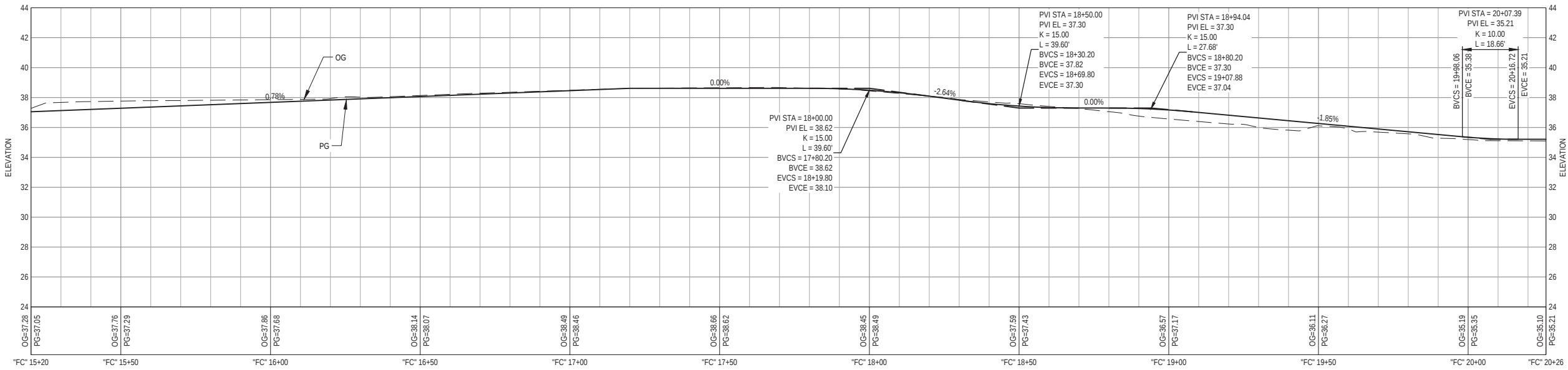
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- SHEET KEYNOTES
1.

ADJUST MONUMENT COVER TO GRADE
2.

ADJUST UTILITY COVER TO GRADE
3.

RESET EXIST MAILBOX
4.

RESET EXIST DI TO GRADE



PROFILE VIEW  
SIDEWALK - STA "FC" 15+20 TO STA "FC" 20+26



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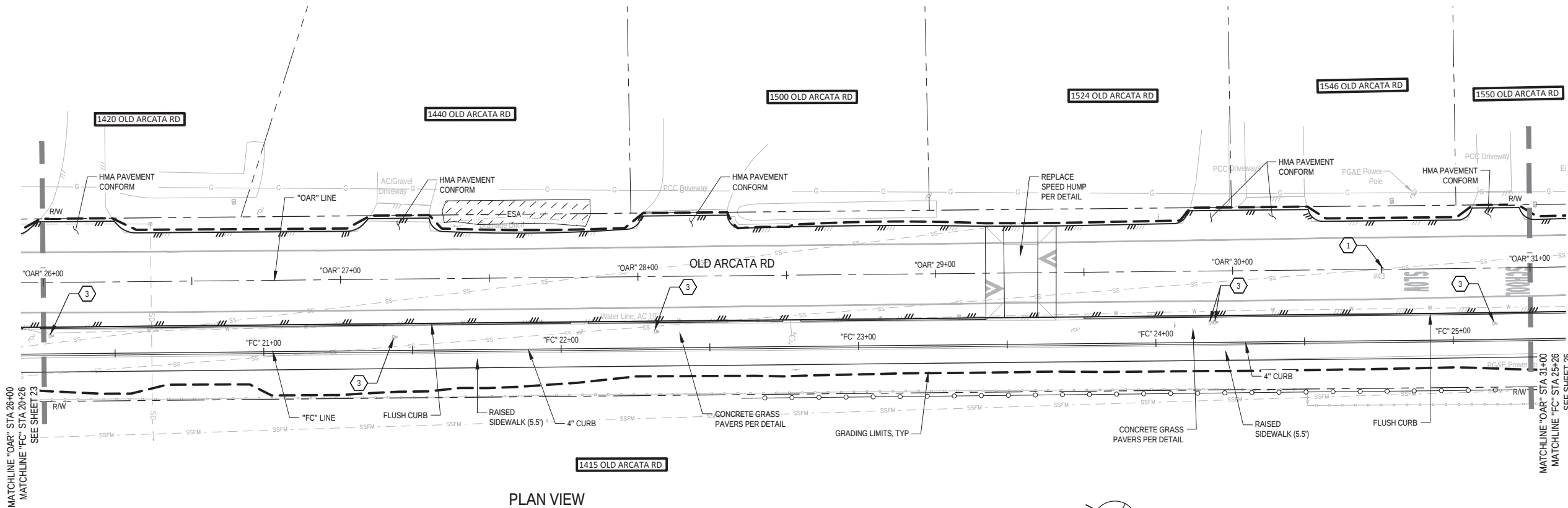
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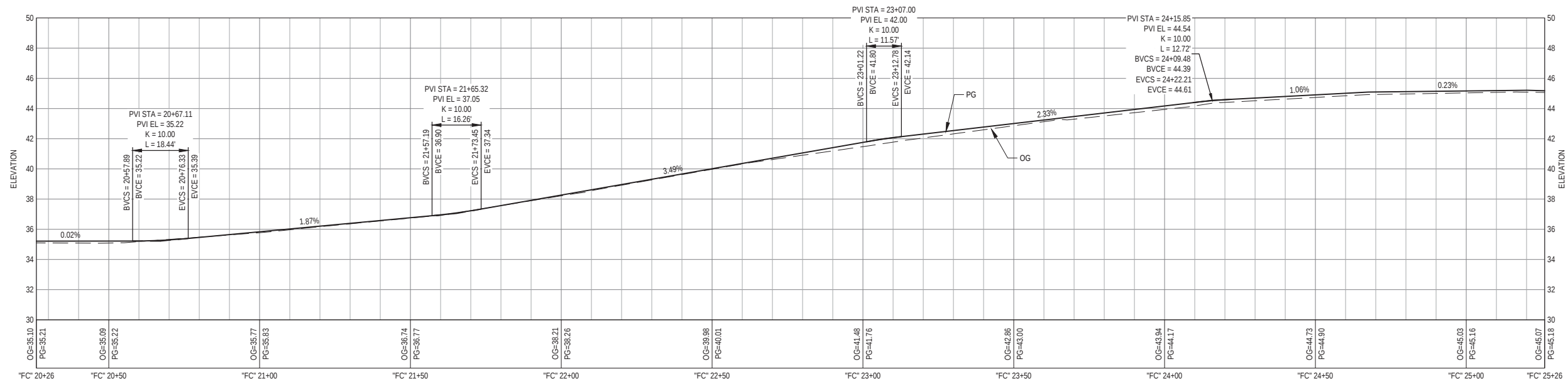
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| Project Manager                                                                             | J. WOLF  | Date         | 1/23/2023 |
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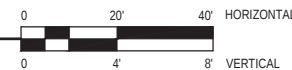
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| Client        | CITY OF ARCATA                                 |           |          |
| Project       | OLD ARCATA ROAD IMPROVEMENTS                   |           |          |
| Title         | LAYOUTS AND PROFILES                           |           |          |
|               | OLD ARCATA RD - STA OAR 21+00 TO STA OAR 26+00 |           |          |
| Project No.   | 11159130                                       |           |          |
| Original Size | ANSI D                                         | Sheet No. | C-105    |
|               |                                                | Sheet     | 23 of 61 |



PLAN VIEW  
OLD ARCATA RD - STA "OAR" 26+00 TO STA "OAR" 31+00



PROFILE VIEW  
SIDEWALK - STA "FC" 20+26 TO STA "FC" 25+26



SHEET GENERAL NOTES

1. ALL UTILITIES AND MAILBOXES ARE TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED ON THESE PLANS.

SHEET KEYNOTES

1. ADJUST MONUMENT COVER TO GRADE
2. ADJUST UTILITY COVER TO GRADE
3. RESET EXIST MAILBOX
4. RESET EXIST DI TO GRADE

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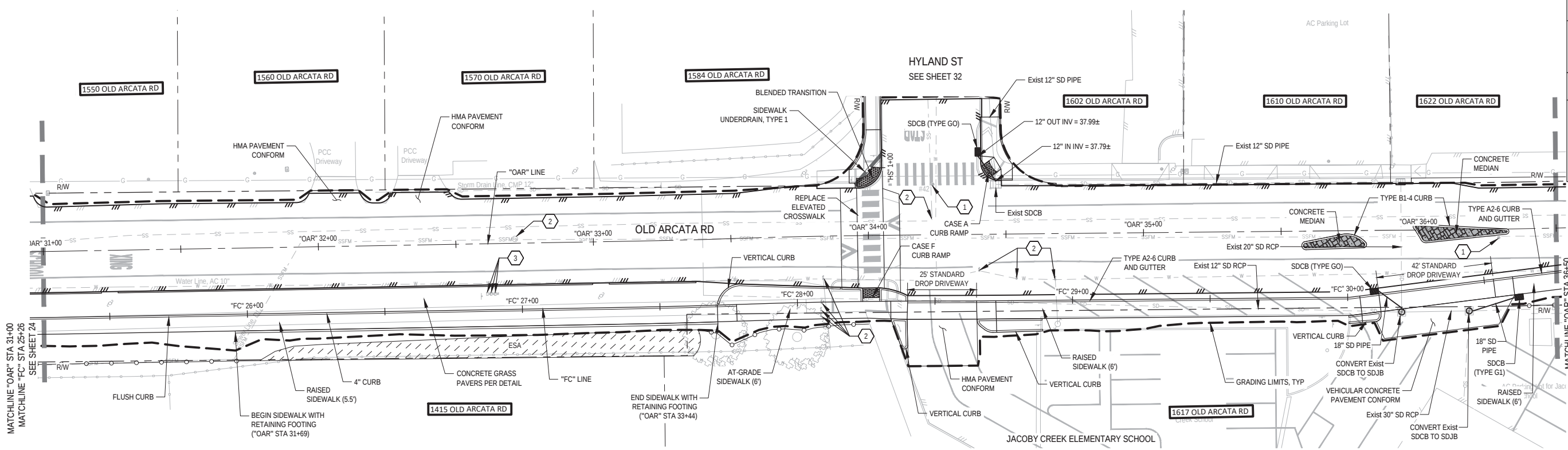
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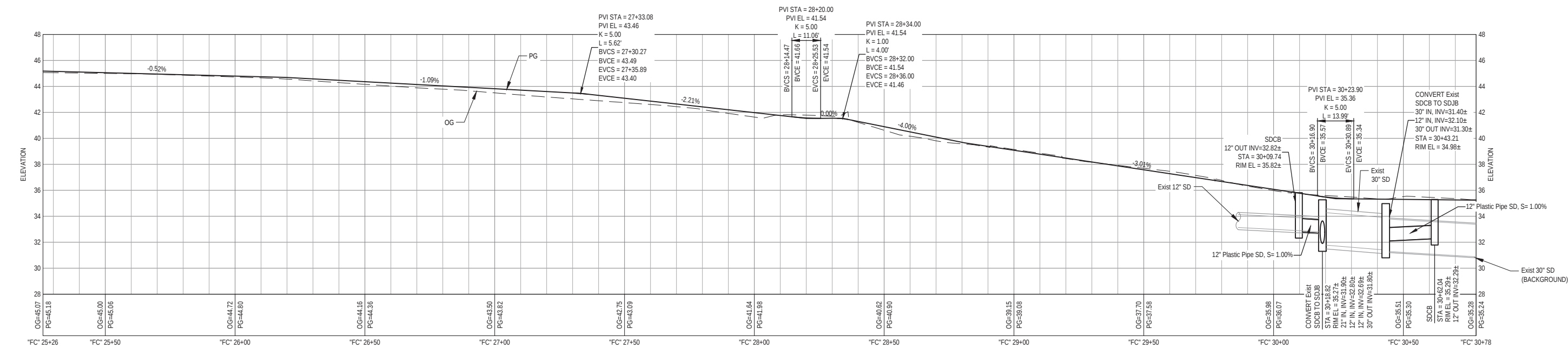
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| Project       | OLD ARCATA ROAD IMPROVEMENTS                   |           |       |
| Title         | LAYOUTS AND PROFILES                           |           |       |
|               | OLD ARCATA RD - STA OAR 26+00 TO STA OAR 31+00 |           |       |
| Project No.   | 11159130                                       |           |       |
| Original Size | ANSI D                                         | Sheet No. | C-106 |



PLAN VIEW  
OLD ARCATA RD - STA "OAR" 31+00 TO STA "OAR" 36+50



PROFILE VIEW  
SIDEWALK - STA "FC" 20+26 TO STA "FC" 30+78

- SHEET GENERAL NOTES**
- ALL UTILITIES AND MAILBOXES ARE TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED ON THESE PLANS.
- SHEET KEYNOTES**
- ADJUST MONUMENT COVER TO GRADE
  - ADJUST UTILITY COVER TO GRADE
  - RESET EXIST MAILBOX
  - RESET EXIST DI TO GRADE

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CONSTRUCTION



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0 1"

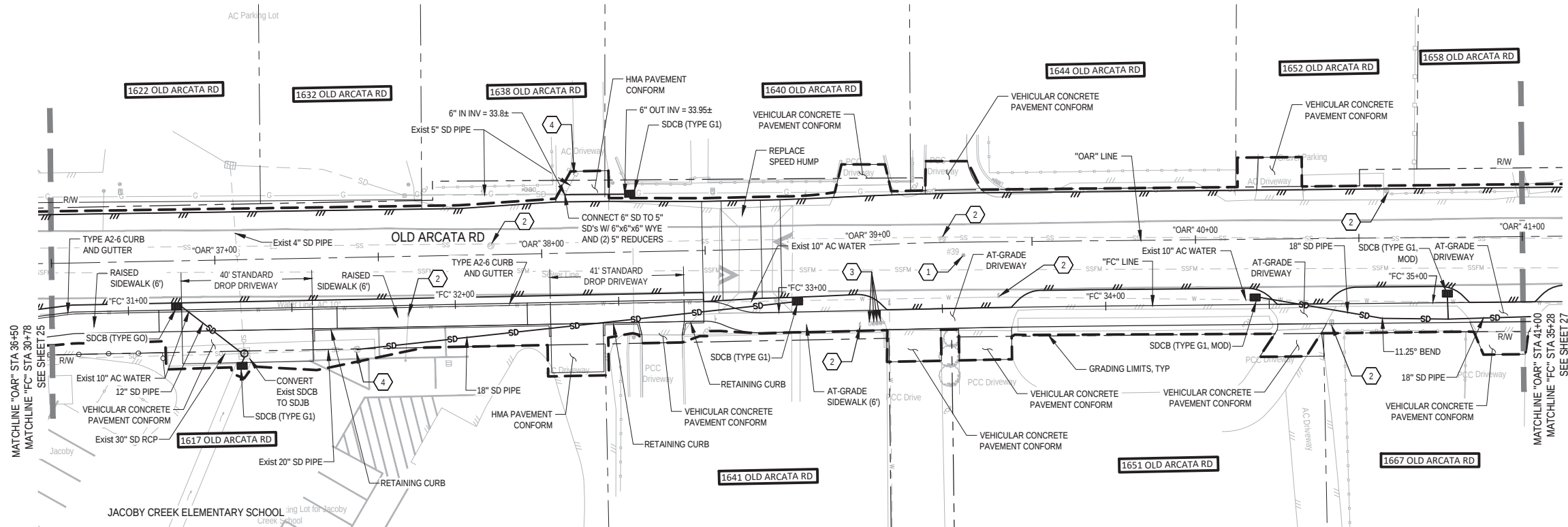
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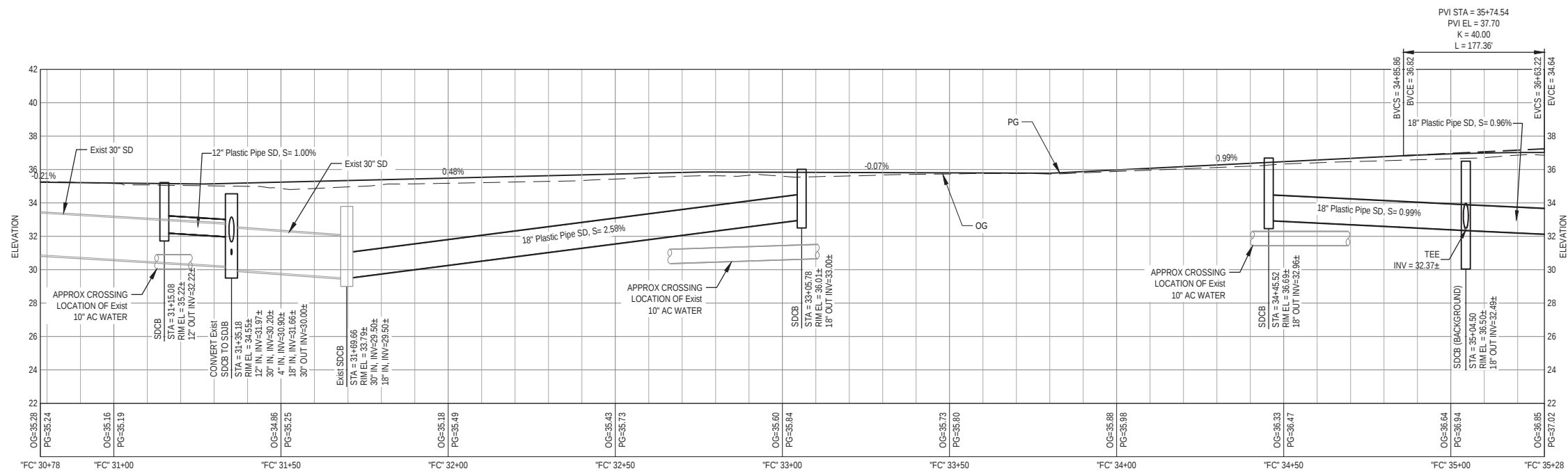
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| Drafting Check                                                                              | J. WOLF  | Design Check | J. WOLF   |
| Project Manager                                                                             | J. WOLF  | Date         | 1/23/2023 |
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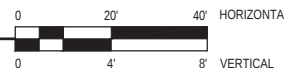
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|-------------|------------------------------------------------|-----------|----------|
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| Project     | OLD ARCATA ROAD IMPROVEMENTS                   |           |          |
| Title       | LAYOUTS AND PROFILES                           |           |          |
|             | OLD ARCATA RD - STA OAR 31+00 TO STA OAR 36+50 |           |          |
| Project No. | 11159130                                       |           |          |
| ANSI D      | Original Size                                  | Sheet No. | C-107    |
|             |                                                | Sheet     | 25 of 61 |



PLAN VIEW  
OLD ARCATA RD - STA "OAR" 36+50 TO STA "OAR" 41+00



PROFILE VIEW  
SIDEWALK - STA "FC" 30+78 TO STA "FC" 35+28



#### SHEET GENERAL NOTES

- ALL UTILITIES AND MAILBOXES ARE TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED ON THESE PLANS.

#### SHEET KEYNOTES

- ADJUST MONUMENT COVER TO GRADE
- ADJUST UTILITY COVER TO GRADE
- RESET EXIST MAILBOX
- RESET EXIST DI TO GRADE

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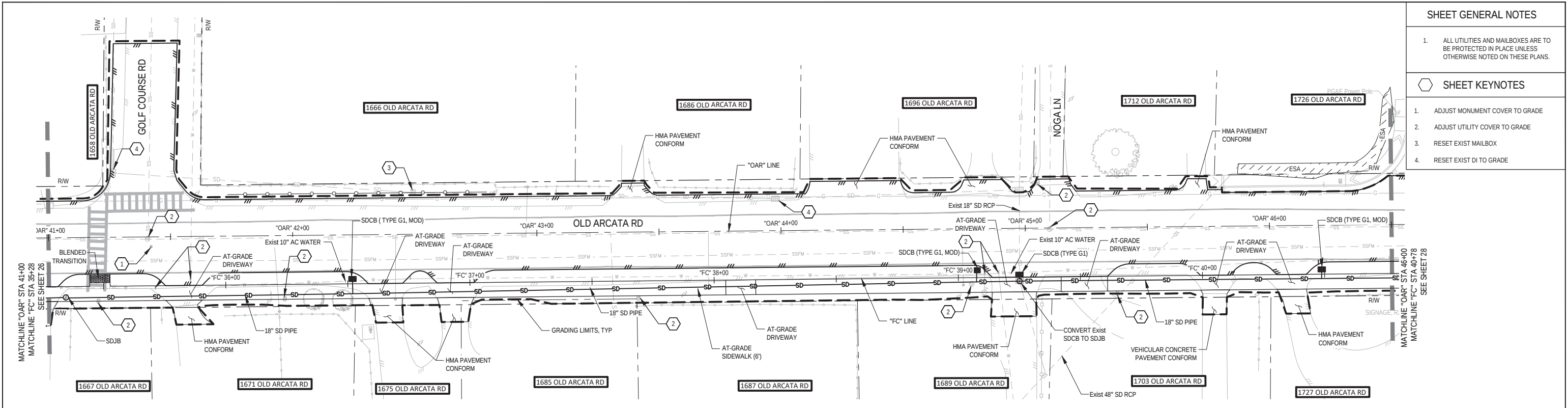
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Project OLD ARCATA ROAD IMPROVEMENTS  
Title LAYOUTS AND PROFILES  
OLD ARCATA RD - STA OAR 36+50 TO STA OAR 41+00  
Project No. 11159130

Original Size  
ANSI D Sheet No. C-108

Sheet 26 of 61



- SHEET GENERAL NOTES
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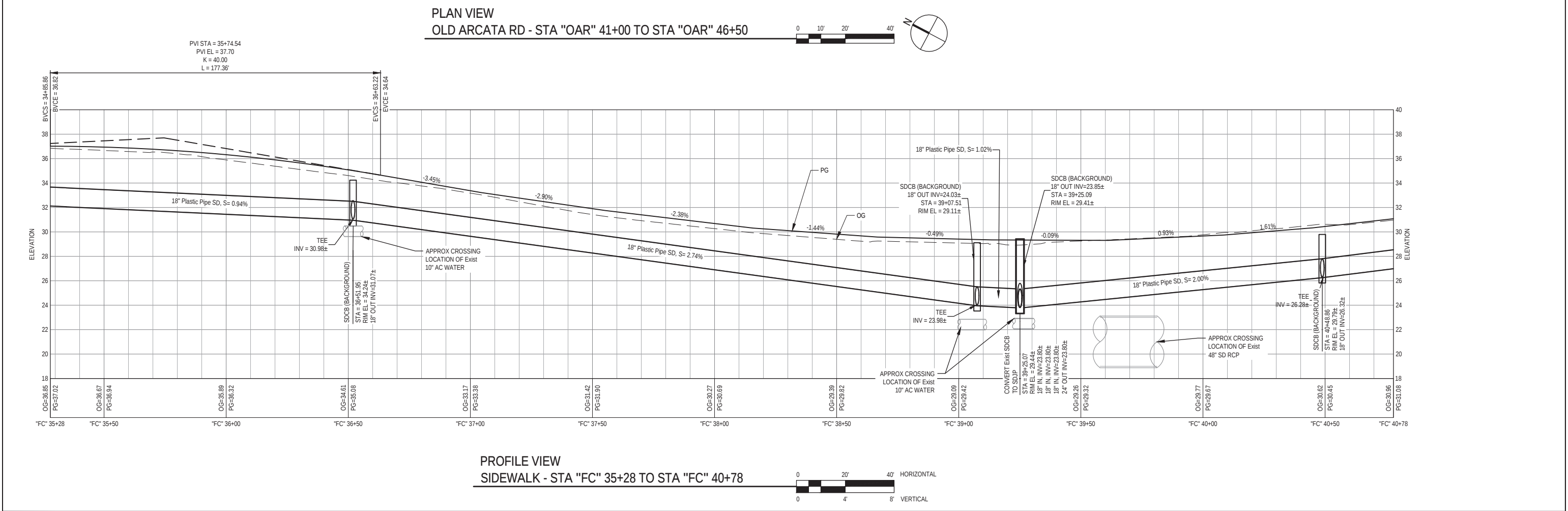
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- SHEET KEYNOTES
1.

ADJUST MONUMENT COVER TO GRADE
2.

ADJUST UTILITY COVER TO GRADE
3.

RESET EXIST MAILBOX
4.

RESET EXIST DI TO GRADE



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JOSHUA A. WOLF  
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Drawn C. PENNY  
Drafting Check J. WOLF  
Project Manager J. WOLF

Designer C. PENNY  
Design Check J. WOLF  
Date 1/23/2023  
Scale AS SHOWN

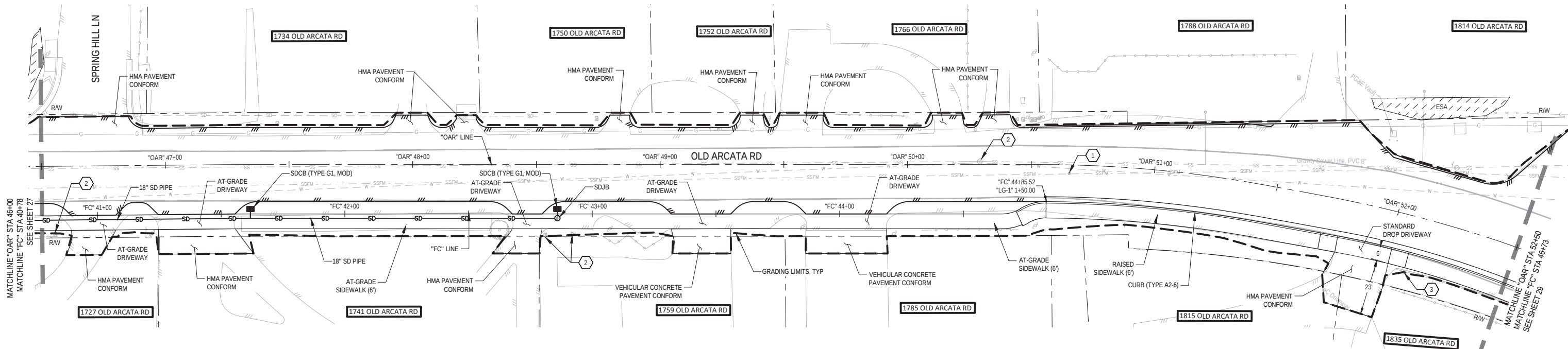
Client CITY OF ARCATA  
Project OLD ARCATA ROAD IMPROVEMENTS  
Title LAYOUTS AND PROFILES  
OLD ARCATA RD - STA OAR 41+00 TO STA OAR 46+50  
Project No. 11159130  
Original Size ANSI D  
Sheet No. C-109

Sheet 27 of 61

Plot Date: 23 January 2023 - 4:42 PM

Plotted By: Camille Penny

Filename: G:\11111159130 Arcata Old Arcata Road Improvements\06-CAD\Sheets\11159130\_OAR\_C-114\_C-119\_PP SHEETS.dwg



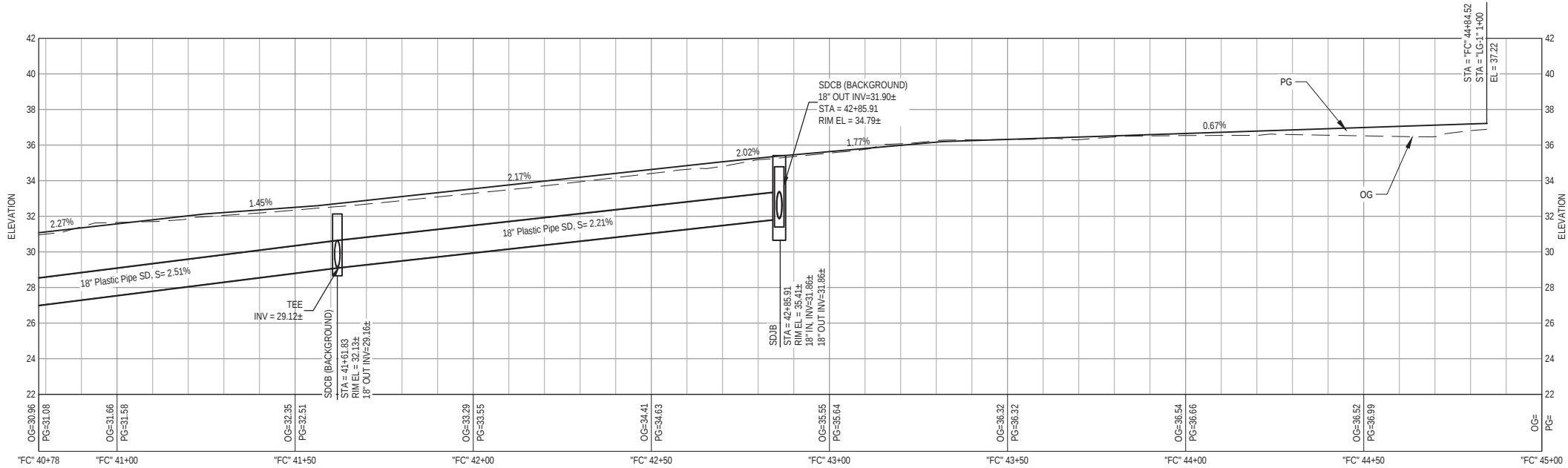
PLAN VIEW  
OLD ARCATA RD - STA "OAR" 46+50 TO STA "OAR" 52+50

SHEET GENERAL NOTES

- ALL UTILITIES AND MAILBOXES ARE TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED ON THESE PLANS.

SHEET KEYNOTES

- ADJUST MONUMENT COVER TO GRADE
- ADJUST UTILITY COVER TO GRADE
- RESET EXIST MAILBOX
- RESET EXIST DI TO GRADE



PROFILE VIEW  
SIDEWALK - STA "FC" 40+78 TO STA "FC" 46+73

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CONSTRUCTION



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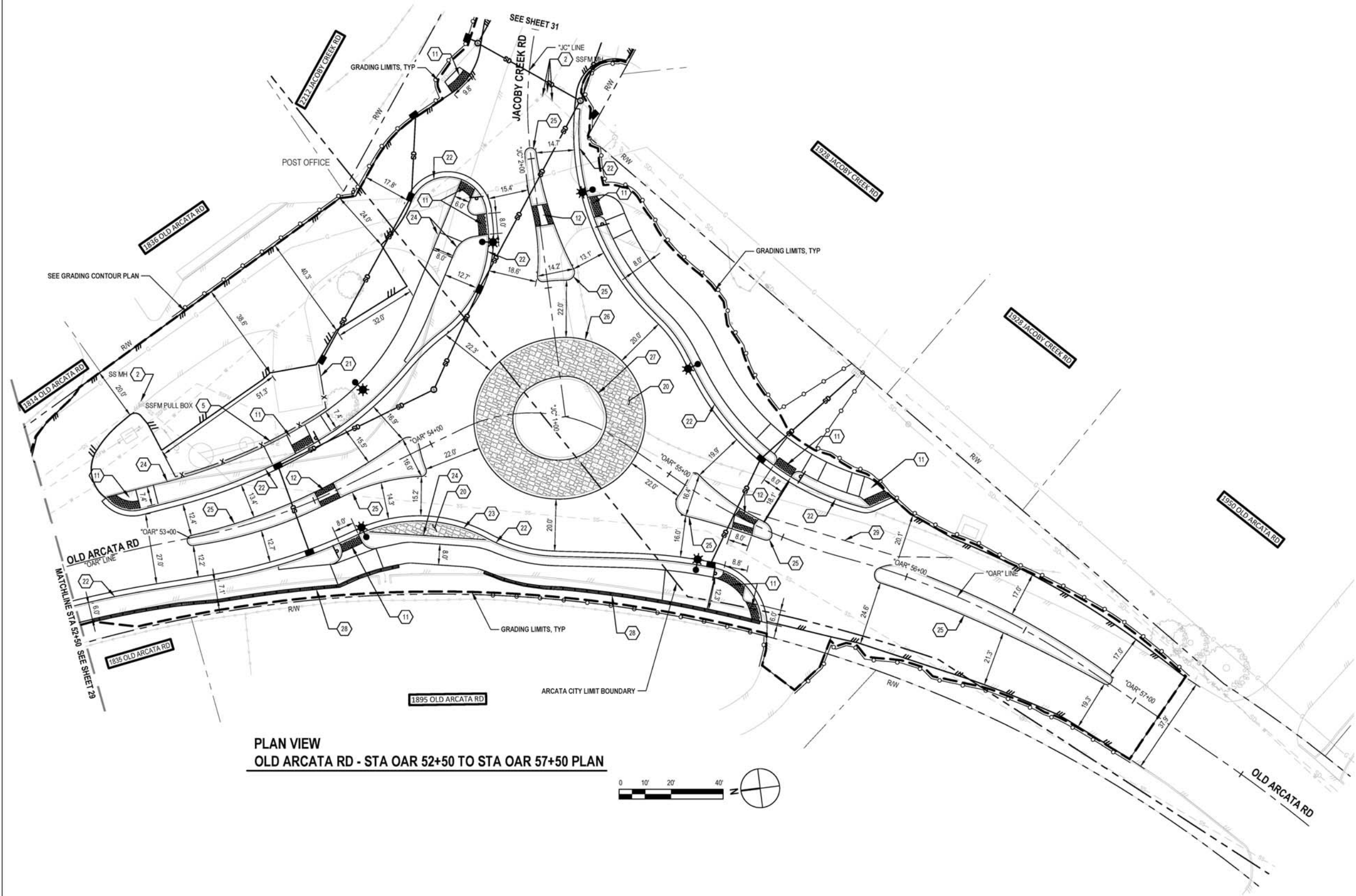
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| Project       | OLD ARCATA ROAD IMPROVEMENTS                   |           |       |
| Title         | LAYOUTS AND PROFILES                           |           |       |
|               | OLD ARCATA RD - STA OAR 46+50 TO STA OAR 52+50 |           |       |
| Project No.   | 11159130                                       |           |       |
| Original Size | ANSI D                                         | Sheet No. | C-110 |



SHEET GENERAL NOTES

1. ALL UTILITIES AND MAILBOXES ARE TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED ON THESE PLANS.
2. SEE DRAINAGE PLANS FOR DRAINAGE INFORMATION.

SHEET KEYNOTES

1. ADJUST MONUMENT COVER TO GRADE
2. ADJUST UTILITY COVER TO GRADE
3. RESET EXIST MAILBOX
4. RESET EXIST DI TO GRADE
5. RELOCATE UTILITY
11. PEDESTRIAN RAMP
12. MEDIAN PASSAGEWAY
13. BICYCLE RAMP
20. TRUCK APRON OR BLISTER
21. CHAIN LINK FENCE (TYPE CL-6)
22. CURB (TYPE A2-6)
23. CURB (TYPE B4)
24. CURB (TYPE A1-6)
25. CURB (TYPE B1-4)
26. CURB (TYPE D4 Mod)
27. CURB (TYPE D6 Mod)
28. MSE RETAINING WALL
29. SAWCUT

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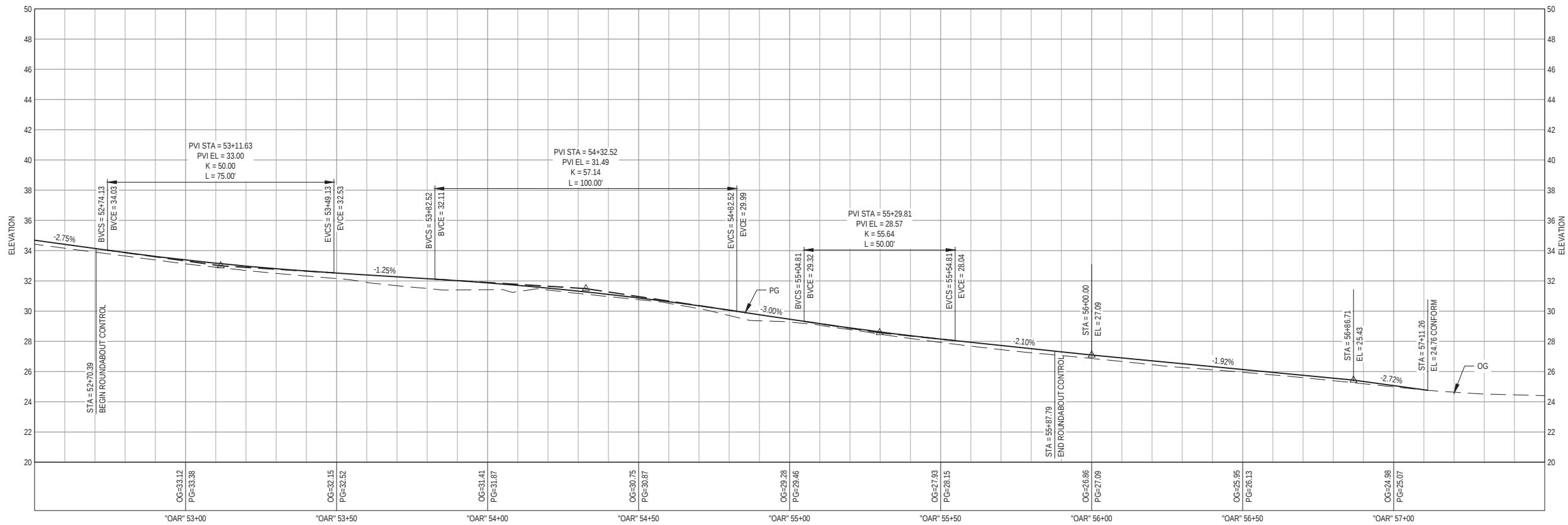
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| Drafting Check                                                                              | J. WOLF  | Design Check | J. WOLF   |
| Project Manager                                                                             | J. WOLF  | Date         | 1/23/2023 |
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| Project       | OLD ARCATA ROAD IMPROVEMENTS                        |           |       |
| Title         | LAYOUTS AND PROFILES                                |           |       |
|               | OLD ARCATA RD - STA OAR 52+50 TO STA OAR 57+50 PLAN |           |       |
| Project No.   | 11159130                                            |           |       |
| Original Size | ANSI D                                              | Sheet No. | C-111 |



PROFILE VIEW  
OLD ARCATA ROAD - STA "OAR" 52+50 TO STA "OAR" 57+50



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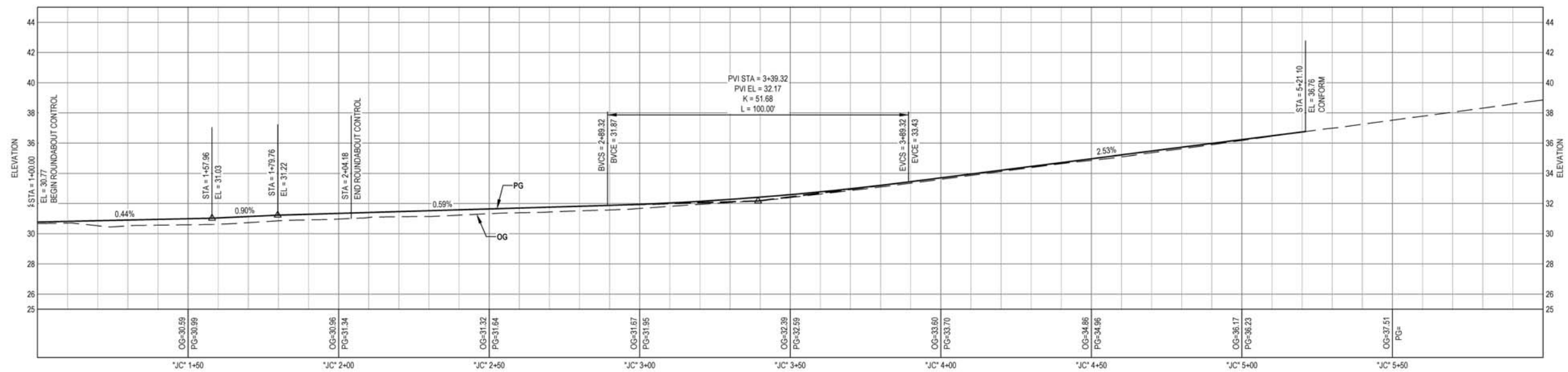
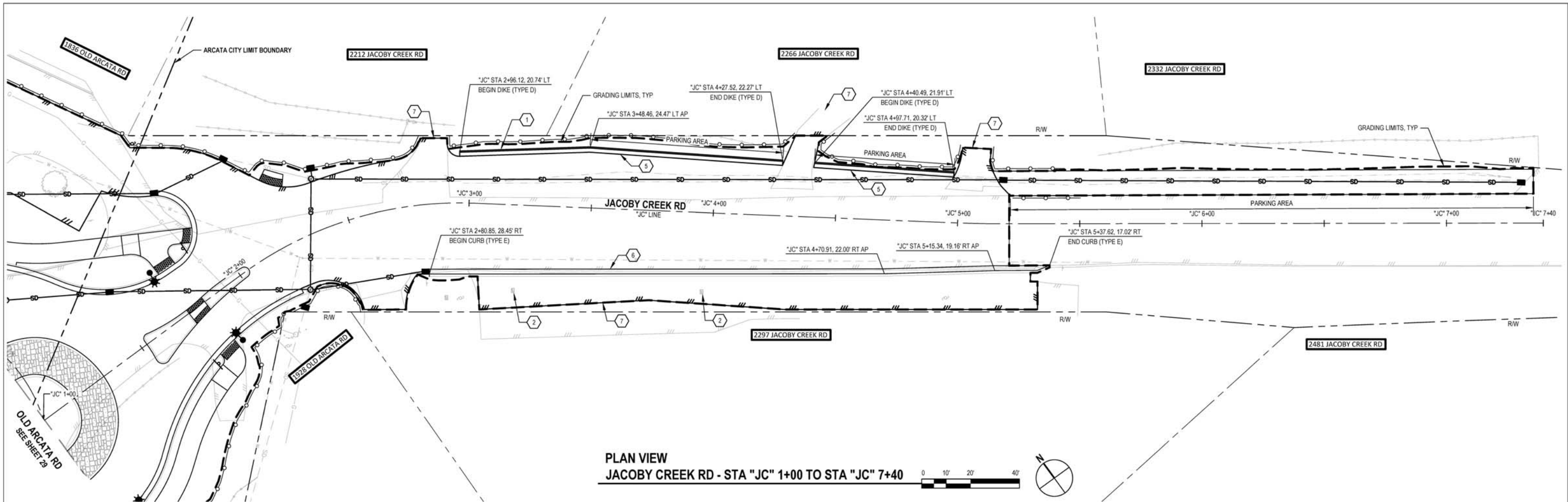
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| Project       | OLD ARCATA ROAD IMPROVEMENTS                       |           |       |
| Title         | OLD ARCATA RD - STA "OAR" 52+50 TO STA "OAR" 57+50 |           |       |
| Project No.   | 11159130                                           |           |       |
| Original Size | ANSI D                                             | Sheet No. | C-112 |
| Sheet         |                                                    | 30        | of 61 |



SHEET GENERAL NOTES

- ALL UTILITIES AND MAILBOXES ARE TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED ON THESE PLANS.
- SEE DRAINAGE PLANS FOR DRAINAGE INFORMATION.

SHEET KEYNOTES

- ADJUST MONUMENT COVER TO GRADE
- ADJUST UTILITY COVER TO GRADE
- RESET EXIST MAILBOX
- RESET EXIST DI TO GRADE
- DIKE (TYPE D)
- CURB (TYPE E)
- DRIVEWAY CONFORM

90% PLANS  
NOT FOR  
CONSTRUCTION



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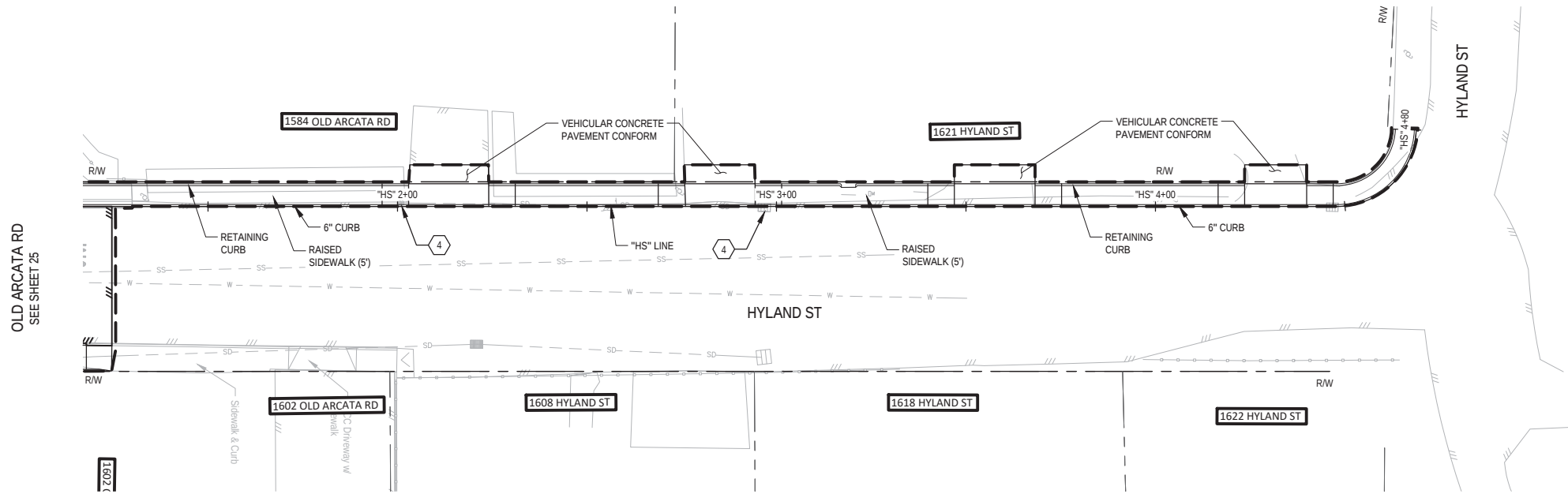
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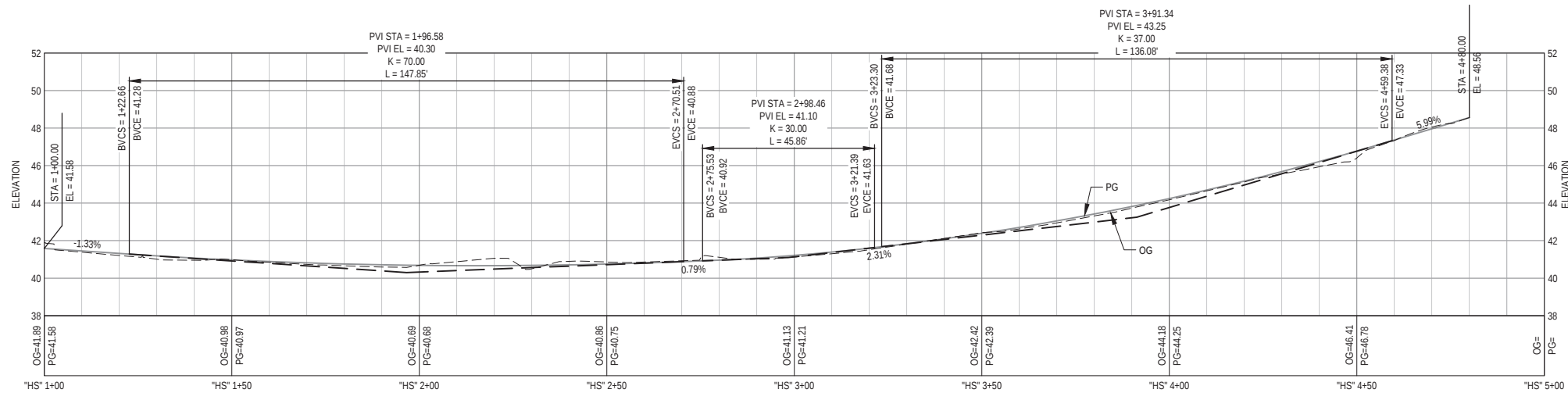
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| Project       | OLD ARCAT RD IMPROVEMENTS               |
| Title         | LAYOUTS AND PROFILES<br>JACOBY CREEK RD |
| Project No.   | 11159130                                |
| Original Size | ANSI D                                  |
| Sheet No.     | C-113                                   |



PLAN VIEW  
HYLAND ST - STA "HS" 1+00 TO STA "HS" 4+80



PROFILE VIEW  
HYLAND ST - STA "HS" 1+00 TO STA "HS" 4+80

#### SHEET GENERAL NOTES

- ALL UTILITIES AND MAILBOXES ARE TO BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED ON THESE PLANS.
- SEE DRAINAGE PLANS FOR DRAINAGE INFORMATION.

#### SHEET KEYNOTES

- ADJUST MONUMENT COVER TO GRADE
- ADJUST UTILITY COVER TO GRADE
- RESET EXIST MAILBOX
- RESET EXIST DI TO GRADE
- DIKE (TYPE D)
- CURB (TYPE E)
- DRIVEWAY CONFORM

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Project OLD ARCATA ROAD IMPROVEMENTS  
Title LAYOUTS AND PROFILES  
HYLAND ST  
Project No. 11159130

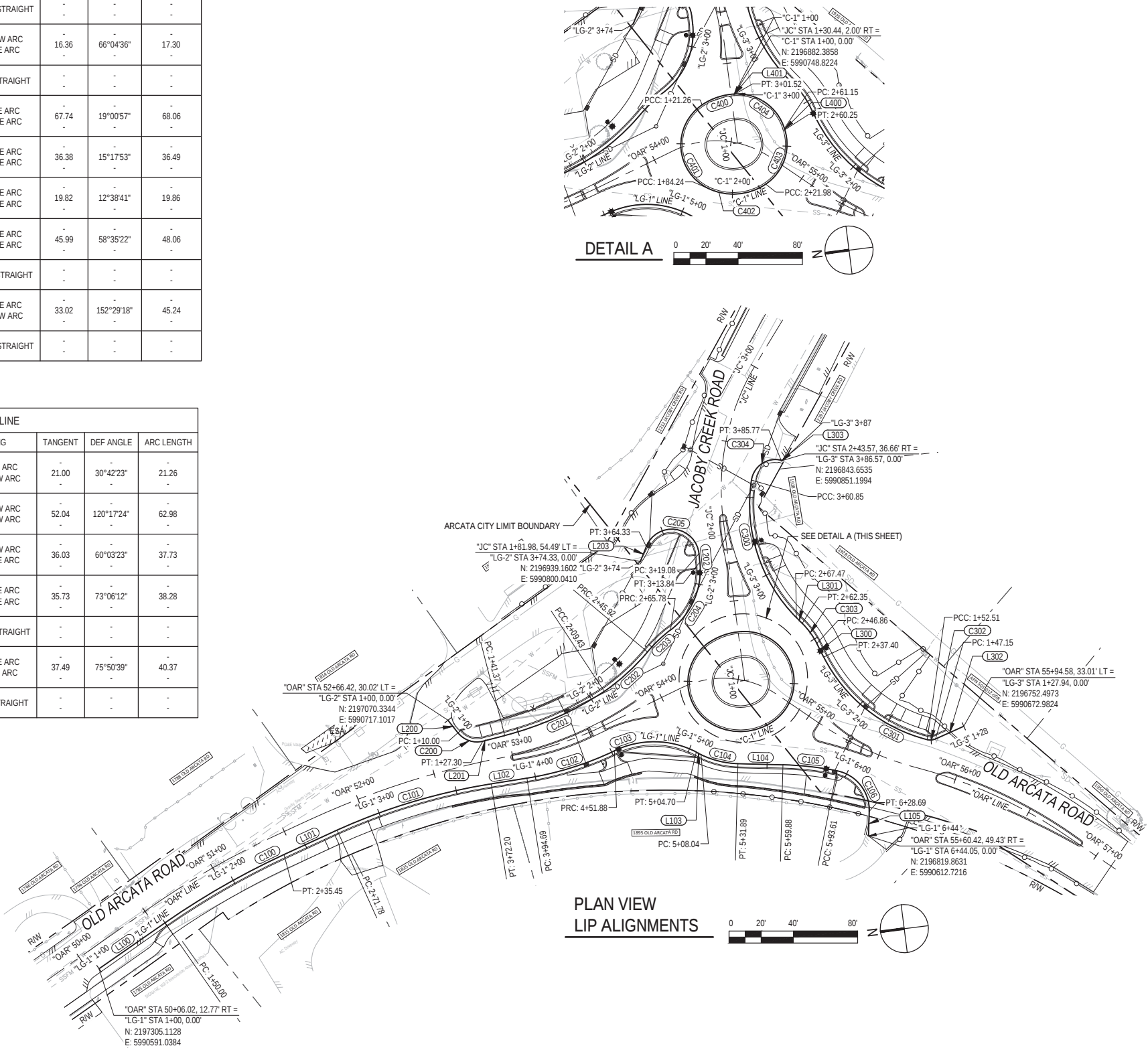
Original Size ANSI D  
Sheet No. C-114

| LINE AND CURVE TABLE "LG-1" LINE |                |                               |                                           |                                           |                  |                                    |                  |                |                  |
|----------------------------------|----------------|-------------------------------|-------------------------------------------|-------------------------------------------|------------------|------------------------------------|------------------|----------------|------------------|
| NUMBER                           |                | STATION                       | NORTHING                                  | EASTING                                   | RADII            | BEARING                            | TANGENT          | DEF ANGLE      | ARC LENGTH       |
| L100                             | ST<br>END      | 1+00.00<br>1+50.00            | 2197305.113<br>2197260.813                | 5990591.038<br>5990614.223                | -<br>-           | S27°37'31"E STRAIGHT               | -<br>-           | -<br>-         | -<br>-           |
| C100                             | BC<br>MP<br>EC | 1+50.00<br>1+92.84<br>2+35.45 | 2197260.813<br>2197222.860<br>2197182.023 | 5990614.223<br>5990634.085<br>5990647.018 | -<br>487.00<br>- | S27°37'31"E ARC<br>S17°34'18"E ARC | -<br>85.34<br>-  | 10°03'13"<br>- | -<br>85.45<br>-  |
| L101                             | ST<br>END      | 2+35.45<br>2+71.78            | 2197182.023<br>2197147.390                | 5990647.018<br>5990657.985                | -<br>-           | S17°34'18"E STRAIGHT               | -<br>-           | -<br>-         | -<br>-           |
| C101                             | BC<br>MP<br>EC | 2+71.78<br>3+22.29<br>3+72.20 | 2197147.390<br>2197099.105<br>2197048.622 | 5990657.985<br>5990672.810<br>5990674.437 | -<br>377.97<br>- | S17°04'07"E ARC<br>S1°50'44"E ARC  | -<br>100.13<br>- | 15°13'23"<br>- | -<br>100.42<br>- |
| L102                             | ST<br>END      | 3+72.20<br>3+94.69            | 2197048.622<br>2197026.144                | 5990674.437<br>5990675.160                | -<br>-           | S1°50'31"E STRAIGHT                | -<br>-           | -<br>-         | -<br>-           |
| C102                             | BC<br>MP<br>EC | 3+94.69<br>4+23.49<br>4+51.88 | 2197026.144<br>2196997.365<br>2196970.042 | 5990675.160<br>5990676.085<br>5990685.169 | -<br>198.00<br>- | S1°50'31"E ARC<br>S18°23'24"E ARC  | -<br>56.99<br>-  | 16°32'53"<br>- | -<br>57.19<br>-  |
| C103                             | BC<br>MP<br>EC | 4+51.88<br>4+80.36<br>5+04.70 | 2196970.042<br>2196943.016<br>2196919.603 | 5990685.169<br>5990694.154<br>5990677.937 | -<br>57.00<br>-  | S18°23'24"E ARC<br>S34°42'33"W ARC | -<br>50.95<br>-  | 53°05'57"<br>- | -<br>52.83<br>-  |
| L103                             | ST<br>END      | 5+04.70<br>5+08.04            | 2196919.603<br>2196916.871                | 5990677.937<br>5990676.022                | -<br>-           | S35°01'33"W STRAIGHT               | -<br>-           | -<br>-         | -<br>-           |
| C104                             | BC<br>MP<br>EC | 5+08.04<br>5+20.15<br>5+31.89 | 2196916.871<br>2196906.732<br>2196894.766 | 5990676.022<br>5990669.409<br>5990667.574 | -<br>56.00<br>-  | S33°06'50"W ARC<br>S8°43'03"W ARC  | -<br>23.66<br>-  | 24°23'47"<br>- | -<br>23.84<br>-  |
| L104                             | ST<br>END      | 5+31.89<br>5+59.88            | 2196894.766<br>2196867.097                | 5990667.574<br>5990663.332                | -<br>-           | S8°43'03"W STRAIGHT                | -<br>-           | -<br>-         | -<br>-           |
| C105                             | BC<br>MP<br>EC | 5+59.88<br>5+76.78<br>5+93.61 | 2196867.097<br>2196850.386<br>2196834.342 | 5990663.332<br>5990660.769<br>5990655.438 | -<br>200.00<br>- | S8°43'03"W ARC<br>S18°22'52"W ARC  | -<br>33.69<br>-  | 9°39'49"<br>-  | -<br>33.73<br>-  |
| C106                             | BC<br>MP<br>EC | 5+93.61<br>6+14.74<br>6+28.69 | 2196834.342<br>2196814.294<br>2196817.519 | 5990655.438<br>5990648.776<br>5990627.897 | -<br>25.00<br>-  | S18°22'52"W ARC<br>N81°13'07"W ARC | -<br>32.27<br>-  | 80°24'01"<br>- | -<br>35.08<br>-  |
| L105                             | ST<br>END      | 6+28.69<br>6+44.05            | 2196817.519<br>2196819.863                | 5990627.897<br>5990612.722                | -<br>-           | N81°13'07"W STRAIGHT               | -<br>-           | -<br>-         | -<br>-           |

| LINE AND CURVE TABLE "LG-3" LINE |                |                               |                                           |                                           |                  |                                    |                 |                     |                 |
|----------------------------------|----------------|-------------------------------|-------------------------------------------|-------------------------------------------|------------------|------------------------------------|-----------------|---------------------|-----------------|
| NUMBER                           |                | STATION                       | NORTHING                                  | EASTING                                   | RADII            | BEARING                            | TANGENT         | DEF ANGLE           | ARC LENGTH      |
| L302                             | ST<br>END      | 1+27.94<br>1+47.15            | 2196752.497<br>2196770.880                | 5990672.982<br>5990667.406                | -<br>-           | N16°52'25"W STRAIGHT               | -<br>-          | -<br>-              | -<br>-          |
| C302                             | BC<br>MP<br>EC | 1+47.15<br>1+49.93<br>1+52.51 | 2196770.880<br>2196773.545<br>2196776.136 | 5990667.406<br>5990666.598<br>5990667.619 | -<br>8.00<br>-   | N16°52'25"W ARC<br>N21°30'48"E ARC | -<br>5.26<br>-  | -<br>38°23'13"<br>- | -<br>5.36<br>-  |
| C301                             | BC<br>MP<br>EC | 1+52.51<br>1+97.70<br>2+37.40 | 2196776.136<br>2196818.179<br>2196833.524 | 5990667.619<br>5990684.192<br>5990726.698 | -<br>100.00<br>- | N21°30'48"E ARC<br>N70°09'03"E ARC | -<br>82.36<br>- | -<br>48°38'15"<br>- | -<br>84.89<br>- |
| L300                             | ST<br>END      | 2+37.40<br>2+46.86            | 2196833.524<br>2196836.735                | 5990726.698<br>5990735.595                | -<br>-           | N70°09'03"E STRAIGHT               | -<br>-          | -<br>-              | -<br>-          |
| C303                             | BC<br>MP<br>EC | 2+46.86<br>2+54.67<br>2+62.35 | 2196836.735<br>2196839.387<br>2196844.151 | 5990735.595<br>5990742.940<br>5990749.126 | -<br>50.00<br>-  | N70°09'03"E ARC<br>N52°23'57"E ARC | -<br>15.43<br>- | -<br>17°45'06"<br>- | -<br>15.49<br>- |
| L301                             | ST<br>END      | 2+62.35<br>2+67.47            | 2196844.151<br>2196847.276                | 5990749.126<br>5990753.183                | -<br>-           | N52°23'57"E STRAIGHT               | -<br>-          | -<br>-              | -<br>-          |
| C300                             | BC<br>MP<br>EC | 2+67.47<br>3+17.88<br>3+60.85 | 2196847.276<br>2196878.033<br>2196864.220 | 5990753.183<br>5990793.121<br>5990841.601 | -<br>100.00<br>- | N52°23'57"E ARC<br>S74°05'47"E ARC | -<br>90.03<br>- | -<br>53°30'17"<br>- | -<br>93.38<br>- |
| C304                             | BC<br>MP<br>EC | 3+60.85<br>3+77.28<br>3+85.77 | 2196864.220<br>2196859.719<br>2196844.395 | 5990841.601<br>5990857.397<br>5990851.486 | -<br>15.00<br>-  | S74°05'47"E ARC<br>S21°05'43"W ARC | -<br>22.15<br>- | -<br>95°11'29"<br>- | -<br>24.92<br>- |
| L303                             | ST<br>END      | 3+85.77<br>3+86.57            | 2196844.395<br>2196843.653                | 5990851.486<br>5990851.199                | -<br>-           | S21°05'43"W STRAIGHT               | -<br>-          | -<br>-              | -<br>-          |

| LINE AND CURVE TABLE "LG-2" LINE |                |                               |                                           |                                           |                  |                                    |                 |                 |                 |
|----------------------------------|----------------|-------------------------------|-------------------------------------------|-------------------------------------------|------------------|------------------------------------|-----------------|-----------------|-----------------|
| NUMBER                           |                | STATION                       | NORTHING                                  | EASTING                                   | RADII            | BEARING                            | TANGENT         | DEF ANGLE       | ARC LENGTH      |
| L200                             | ST<br>END      | 1+00.00<br>1+10.00            | 2197070.334<br>2197065.165                | 5990717.102<br>5990708.542                | -<br>-           | S58°52'16"W STRAIGHT               | -<br>-          | -<br>-          | -<br>-          |
| C200                             | BC<br>MP<br>EC | 1+10.00<br>1+19.76<br>1+27.30 | 2197065.165<br>2197060.122<br>2197050.443 | 5990708.542<br>5990700.191<br>5990701.415 | -<br>15.00<br>-  | S58°52'16"W ARC<br>S7°12'20"E ARC  | -<br>16.36<br>- | 66°04'36"<br>-  | -<br>17.30<br>- |
| L201                             | ST<br>END      | 1+27.30<br>1+41.37            | 2197050.443<br>2197036.482                | 5990701.415<br>5990703.180                | -<br>-           | S7°12'20"E STRAIGHT                | -<br>-          | -<br>-          | -<br>-          |
| C201                             | BC<br>MP<br>EC | 1+41.37<br>1+75.72<br>2+09.43 | 2197036.482<br>2197002.409<br>2196971.599 | 5990703.180<br>5990707.487<br>5990722.662 | -<br>205.06<br>- | S7°12'20"E ARC<br>S26°13'17"E ARC  | -<br>67.74<br>- | 19°00'57"<br>-  | -<br>68.06<br>- |
| C202                             | BC<br>MP<br>EC | 2+09.43<br>2+27.78<br>2+45.92 | 2196971.599<br>2196955.321<br>2196941.858 | 5990722.662<br>5990731.145<br>5990743.622 | -<br>136.68<br>- | S27°31'32"E ARC<br>S42°49'24"E ARC | -<br>36.38<br>- | 15°17'53"<br>-  | -<br>36.49<br>- |
| C203                             | BC<br>MP<br>EC | 2+45.92<br>2+55.89<br>2+65.78 | 2196941.858<br>2196934.545<br>2196925.925 | 5990743.622<br>5990750.400<br>5990755.413 | -<br>90.00<br>-  | S42°49'24"E ARC<br>S30°10'44"E ARC | -<br>19.82<br>- | 12°38'41"<br>-  | -<br>19.86<br>- |
| C204                             | BC<br>MP<br>EC | 2+65.78<br>2+92.15<br>3+13.84 | 2196925.925<br>2196903.129<br>2196902.562 | 5990755.413<br>5990768.669<br>5990795.032 | -<br>47.00<br>-  | S30°10'44"E ARC<br>S88°46'06"E ARC | -<br>45.99<br>- | 58°35'22"<br>-  | -<br>48.06<br>- |
| L202                             | ST<br>END      | 3+13.84<br>3+19.08            | 2196902.562<br>2196902.450                | 5990795.032<br>5990800.268                | -<br>-           | S88°46'06"E STRAIGHT               | -<br>-          | -<br>-          | -<br>-          |
| C205                             | BC<br>MP<br>EC | 3+19.08<br>3+88.52<br>3+64.33 | 2196902.450<br>2196900.957<br>2196934.351 | 5990800.268<br>5990869.695<br>5990808.809 | -<br>17.00<br>-  | S88°46'06"E ARC<br>N61°15'24"W ARC | -<br>33.02<br>- | 152°29'18"<br>- | -<br>45.24<br>- |
| L203                             | ST<br>END      | 3+64.33<br>3+74.33            | 2196934.351<br>2196939.160                | 5990808.809<br>5990800.041                | -<br>-           | N61°15'24"W STRAIGHT               | -<br>-          | -<br>-          | -<br>-          |

| LINE AND CURVE TABLE "C-1" LINE |                |                               |                                           |                                           |                 |                                         |            |
|---------------------------------|----------------|-------------------------------|-------------------------------------------|-------------------------------------------|-----------------|-----------------------------------------|------------|
| NUMBER                          |                | STATION                       | NORTHING                                  | EASTING                                   | RADII           | BEARING                                 | ARC LENGTH |
| C400                            | BC<br>MP<br>EC | 1+00.00<br>1+10.89<br>1+21.26 | 2196882.386<br>2196893.249<br>2196902.987 | 5990748.822<br>5990749.603<br>5990744.727 | -<br>39.67<br>- | N4°06'36"E ARC<br>N26°35'46"W ARC       | 21.26      |
| C401                            | BC<br>MP<br>EC | 1+21.26<br>1+73.52<br>1+84.24 | 2196902.987<br>2196949.723<br>2196905.945 | 5990744.727<br>5990721.327<br>5990692.774 | -<br>30.00<br>- | N26°35'46"W ARC<br>S33°06'50"W ARC      | 62.98      |
| C402                            | BC<br>MP<br>EC | 1+84.24<br>2+05.05<br>2+21.98 | 2196905.945<br>2196888.517<br>2196869.967 | 5990692.774<br>5990681.406<br>5990690.834 | -<br>36.00<br>- | S33°06'50"W ARC<br>S26°56'33"E ARC      | 37.73      |
| C403                            | BC<br>MP<br>EC | 2+21.98<br>2+44.22<br>2+60.25 | 2196869.967<br>2196850.140<br>2196854.020 | 5990690.834<br>5990700.912<br>5990722.811 | -<br>30.00<br>- | S26°56'33"E ARC<br>N79°57'15"E STRAIGHT | 38.28      |
| L400                            | ST<br>END      | 2+60.25<br>2+61.15            | 2196854.020<br>2196854.176                | 5990722.811<br>5990723.695                | -<br>-          | N79°57'15"E STRAIGHT                    | -          |
| C404                            | BC<br>MP<br>EC | 2+61.15<br>2+84.91<br>3+01.52 | 2196854.176<br>2196858.321<br>2196882.023 | 5990723.695<br>5990747.093<br>5990748.796 | -<br>30.50<br>- | N79°57'15"E ARC<br>N4°06'36"E ARC       | 40.37      |
| L401                            | ST<br>END      | 3+01.52<br>3+01.84            | 2196882.023<br>2196882.336                | 5990748.796<br>5990748.819                | -<br>-          | N4°06'36"E STRAIGHT                     | -          |



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Drawn M.SMITH  
Drafting J. WOLF  
Project Manager J. WOLF

Designer H. DAAS  
Design Check J. WOLF  
Date 1/23/2023

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CITY OF ARCATA  
OLD ARCATA ROAD IMPROVEMENTS  
LIP ALIGNMENT SHEET  
11159130  
C-115

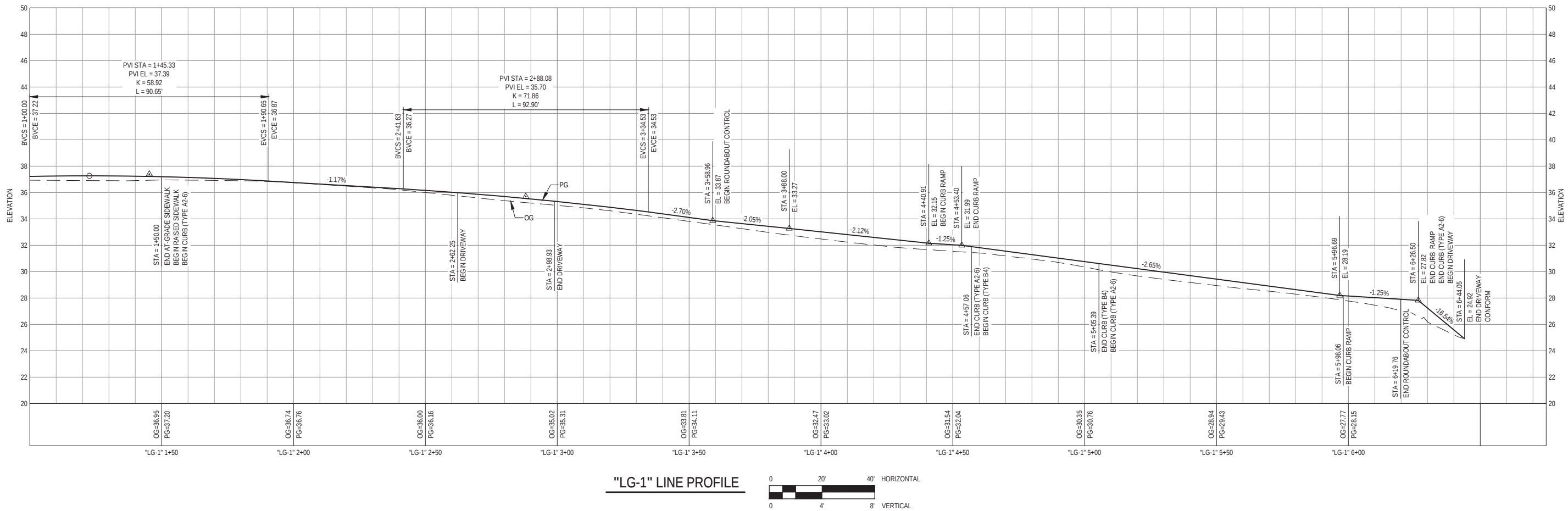
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Sheet No.  
33 of 61

Plot Date: 23 January 2023 - 4:44 PM

Plotted By: Camille Penny

Filename: G:\11111159130 Arcata Old Arcata Road Improvements\06-CAD\Sheets\11159130\_OAR\_C-210\_LIP Alignment SHEETS.dwg



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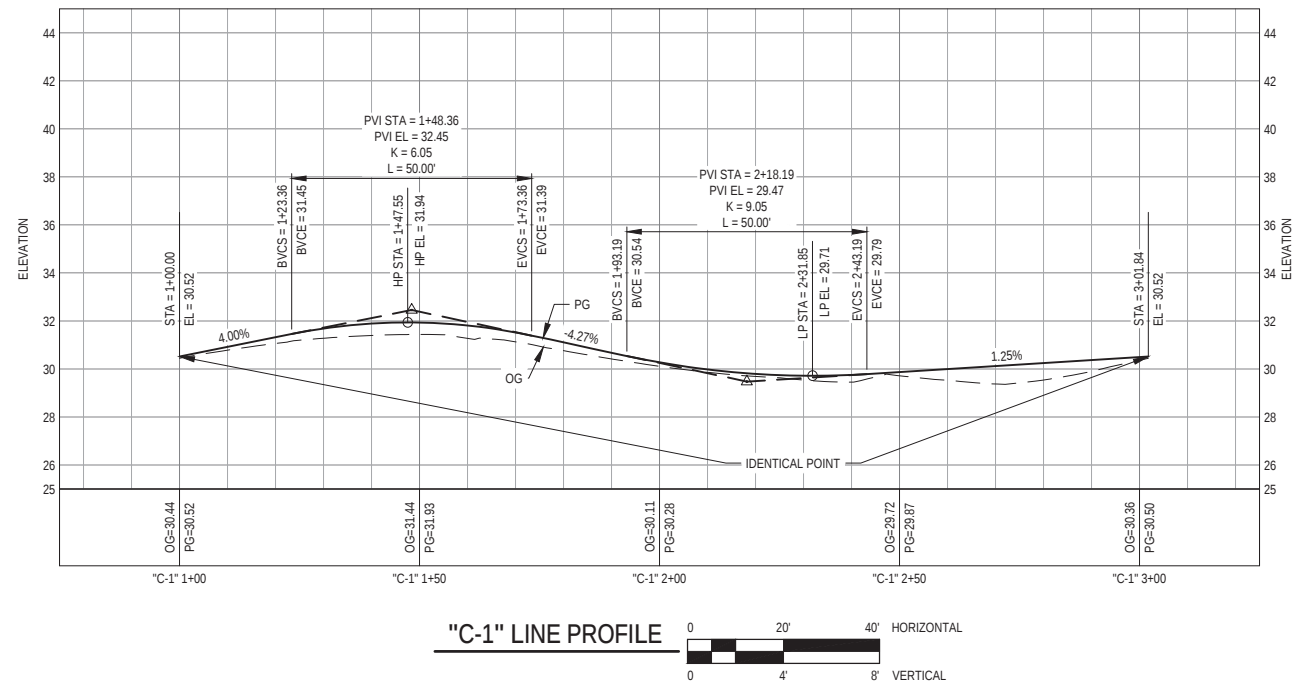
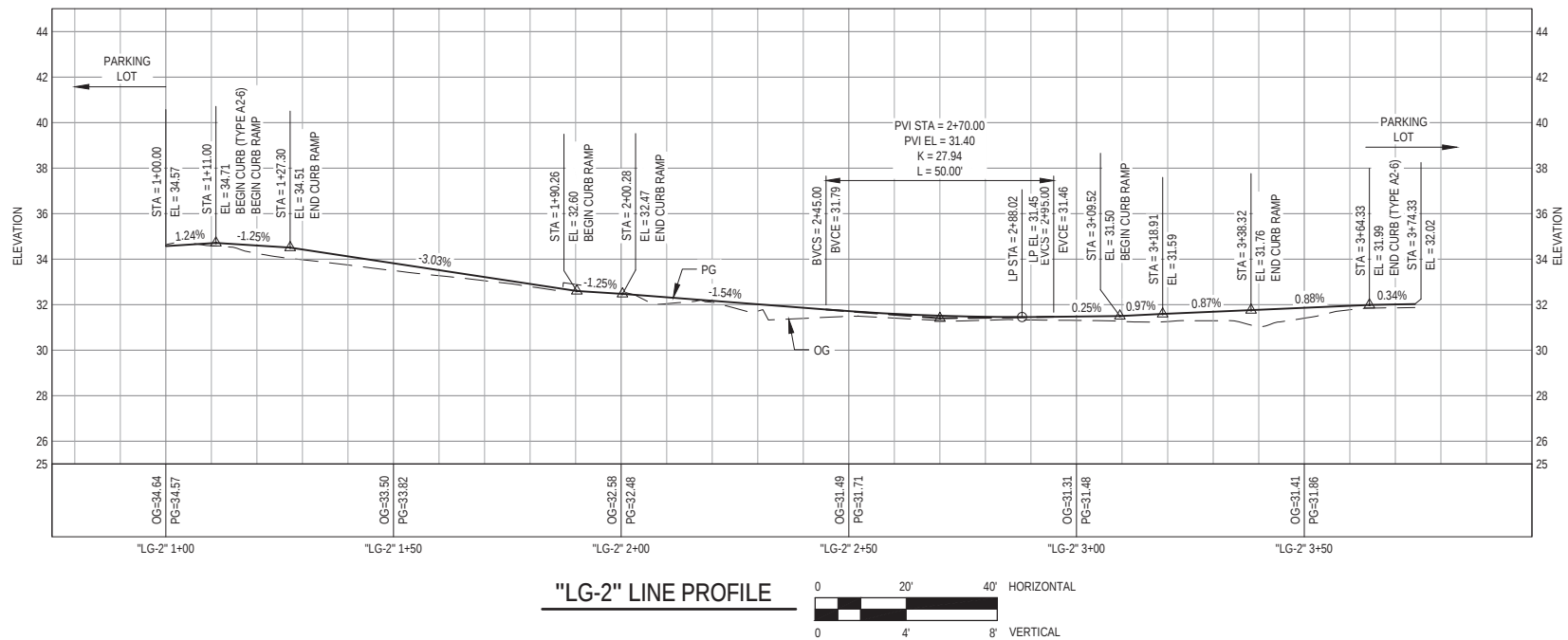
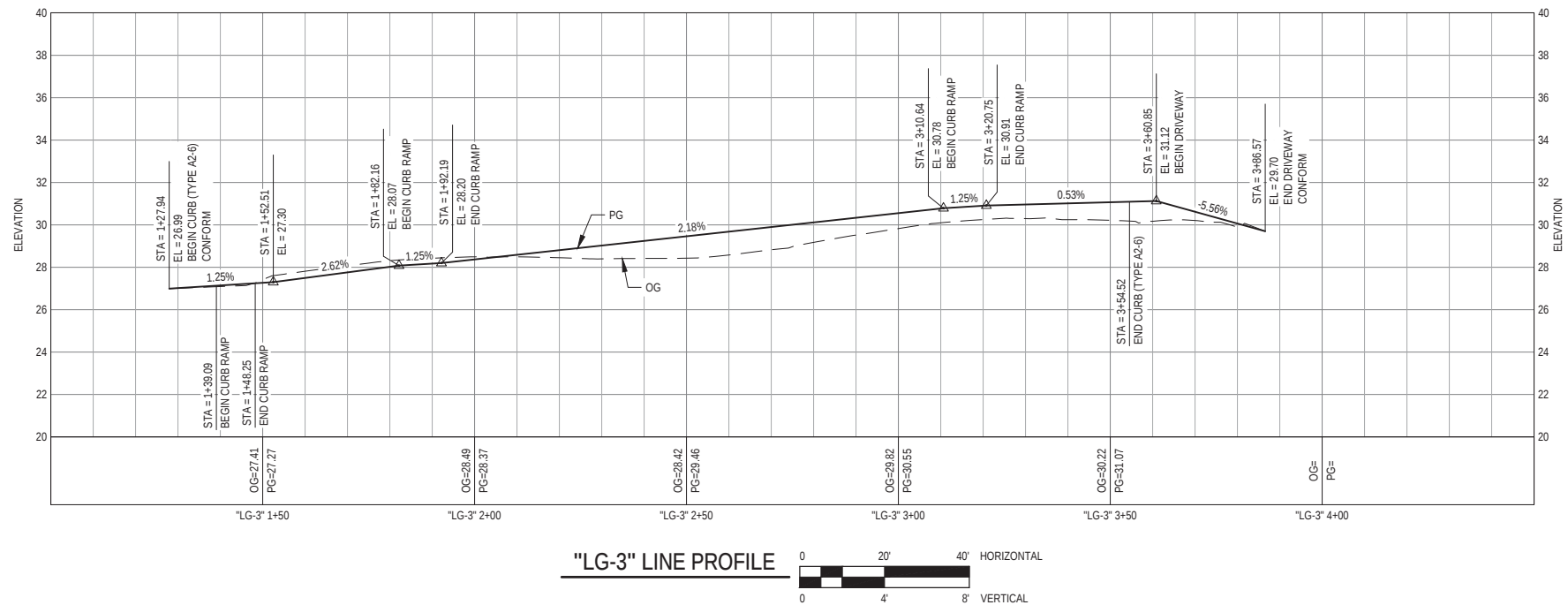
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|---------------------------------------------------------------------------------------------|----------------------|-------------------------------------------------------------------------------------------------------------------------------------|-------------------|--------------------|
| Drawn M.SMITH                                                                               | Designer H. DAAS     | Client<br>CITY OF ARCATA<br>Project<br>OLD ARCATA ROAD IMPROVEMENTS<br>Title<br>LIP PROFILE SHEET - LG-1<br>Project No.<br>11159130 |                   |                    |
| Drafting Check J. WOLF                                                                      | Design Check J. WOLF |                                                                                                                                     |                   |                    |
| Project Manager J. WOLF                                                                     | Date 1/23/2023       |                                                                                                                                     |                   |                    |
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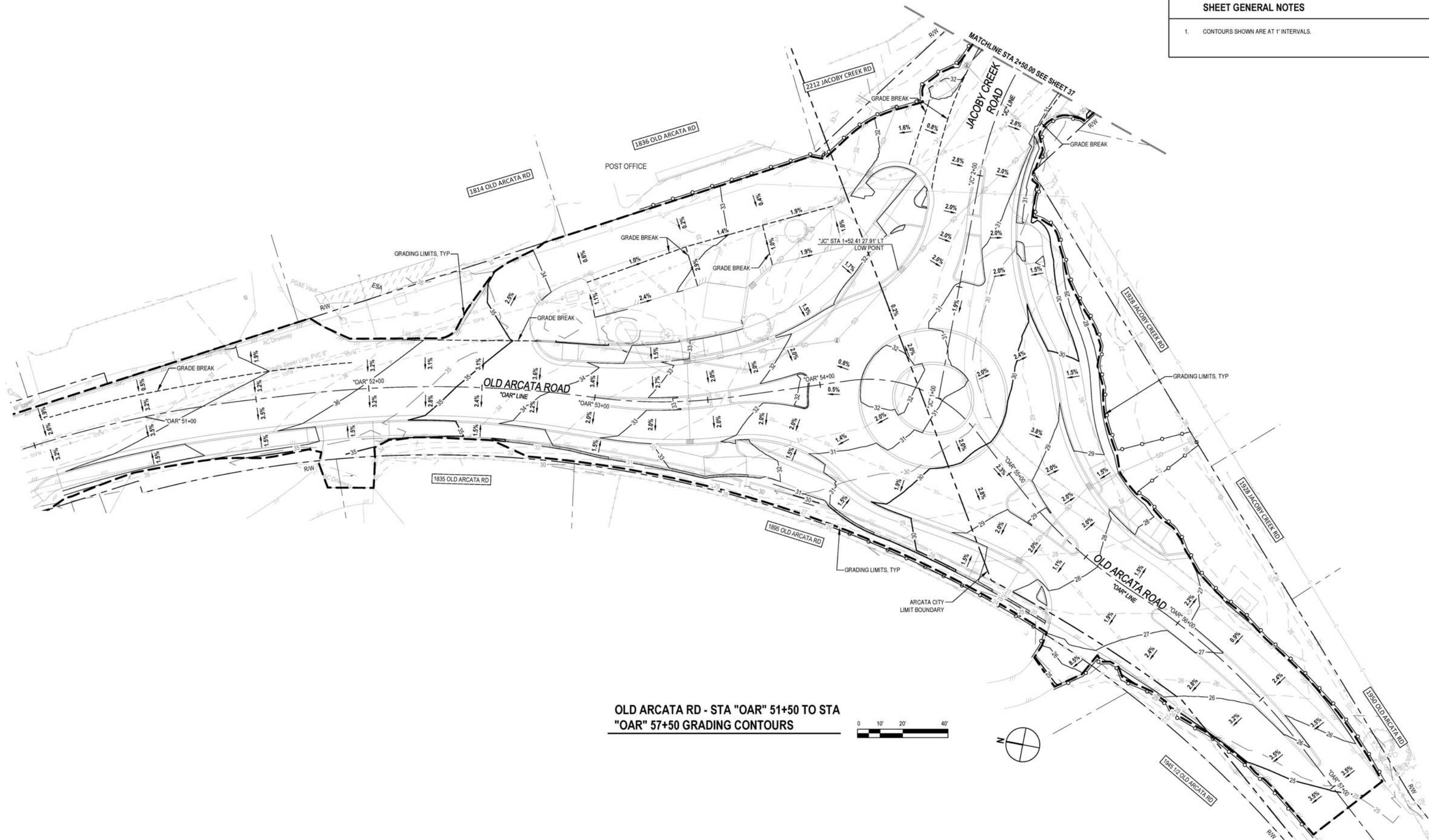
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|---------------------------------------------------------------------------------------------------|---------|-----------------|-----------|
| Drawn                                                                                             | M.SMITH | Designer        | H. DAAS   |
| Drafting<br>Check                                                                                 | J. WOLF | Design<br>Check | J. WOLF   |
| Project<br>Manager                                                                                | J. WOLF | Date            | 1/23/2023 |
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Project OLD ARCATA ROAD IMPROVEMENTS  
Title LIP PROFILE SHEET - LG-2, LG-3, C-1

Project No. 11159130  
ANSI D Sheet No. C-117

## SHEET GENERAL NOTES

1. CONTOURS SHOWN ARE AT 1' INTERVALS.



OLD ARCATA RD - STA "OAR" 51+50 TO STA  
"OAR" 57+50 GRADING CONTOURS



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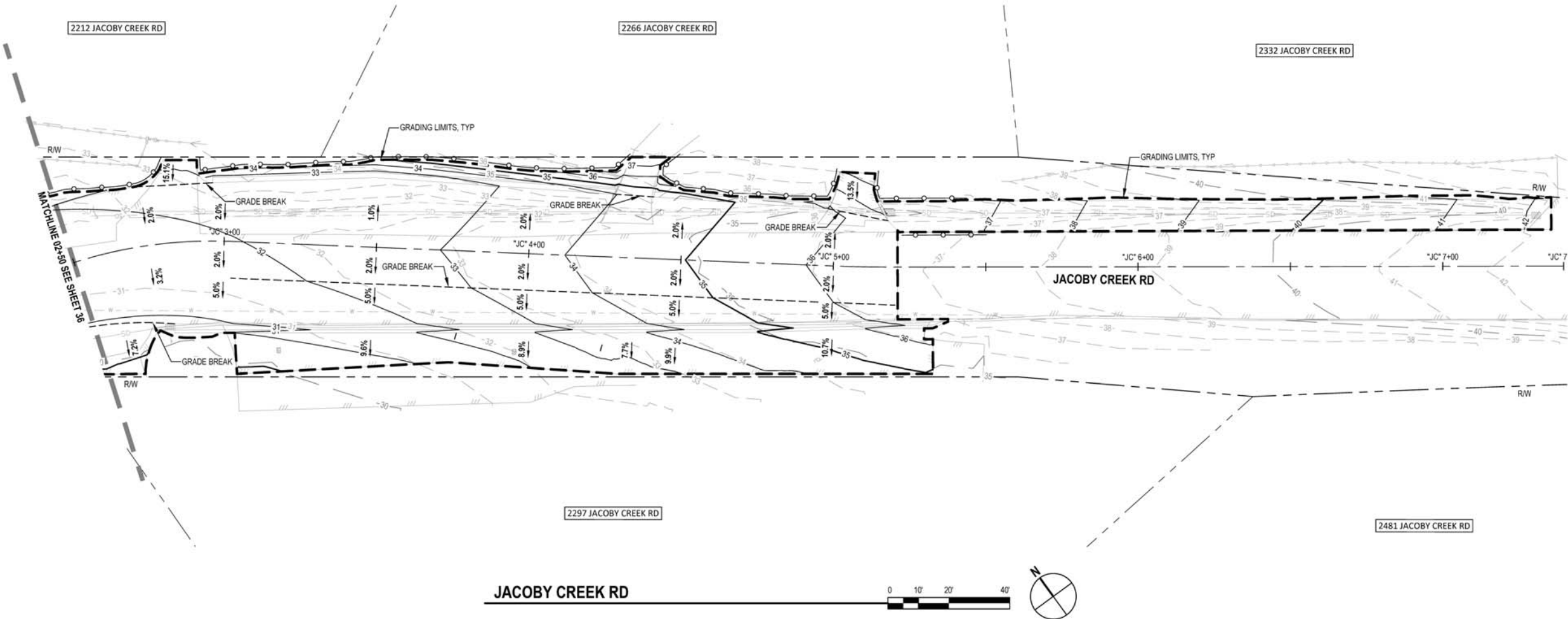
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| Drawn                                                                                       | C. PENNY | Designer     | C. PENNY  |
| Drafting Check                                                                              | J. WOLF  | Design Check | J. WOLF   |
| Project Manager                                                                             | J. WOLF  | Date         | 1/23/2023 |
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Project **OLD ARCATA ROAD IMPROVEMENTS**  
Title **OLD ARCATA RD - STA "OAR" 51+50 TO STA "OAR" 57+50 GRADING CONTOURS**  
Project No. **11159130**

Original Size  
ANSI D Sheet No. **CG-101**

SHEET GENERAL NOTES

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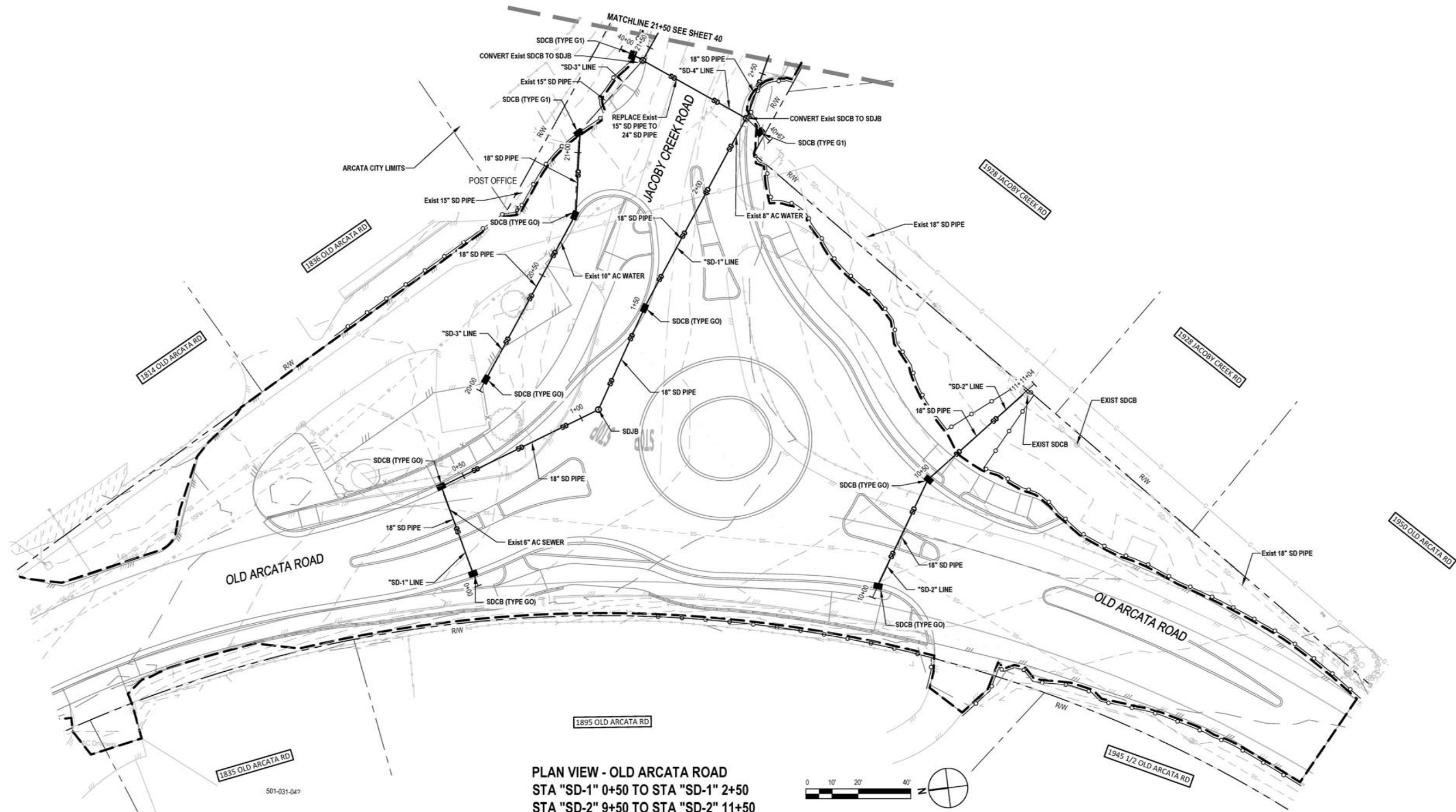
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| Drawn                                                                                       | C. PENNY | Designer     | C. PENNY  |
| Drafting Check                                                                              | J. WOLF  | Design Check | J. WOLF   |
| Project Manager                                                                             | J. WOLF  | Date         | 1/23/2023 |
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| Project       | OLD ARCATA ROAD IMPROVEMENTS     |
| Title         | JACOBY CREEK RD GRADING CONTOURS |
| Project No.   | 11159130                         |
| Original Size | ANSI D                           |
| Sheet No.     | CG-102                           |



PLAN VIEW - OLD ARCATA ROAD  
STA "SD-1" 0+50 TO STA "SD-1" 2+50  
STA "SD-2" 9+50 TO STA "SD-2" 11+50  
STA "SD-3" 20+00 TO STA "SD-3" 21+50  
STA "SD-4" 39+50 TO STA "SD-4" 40+00

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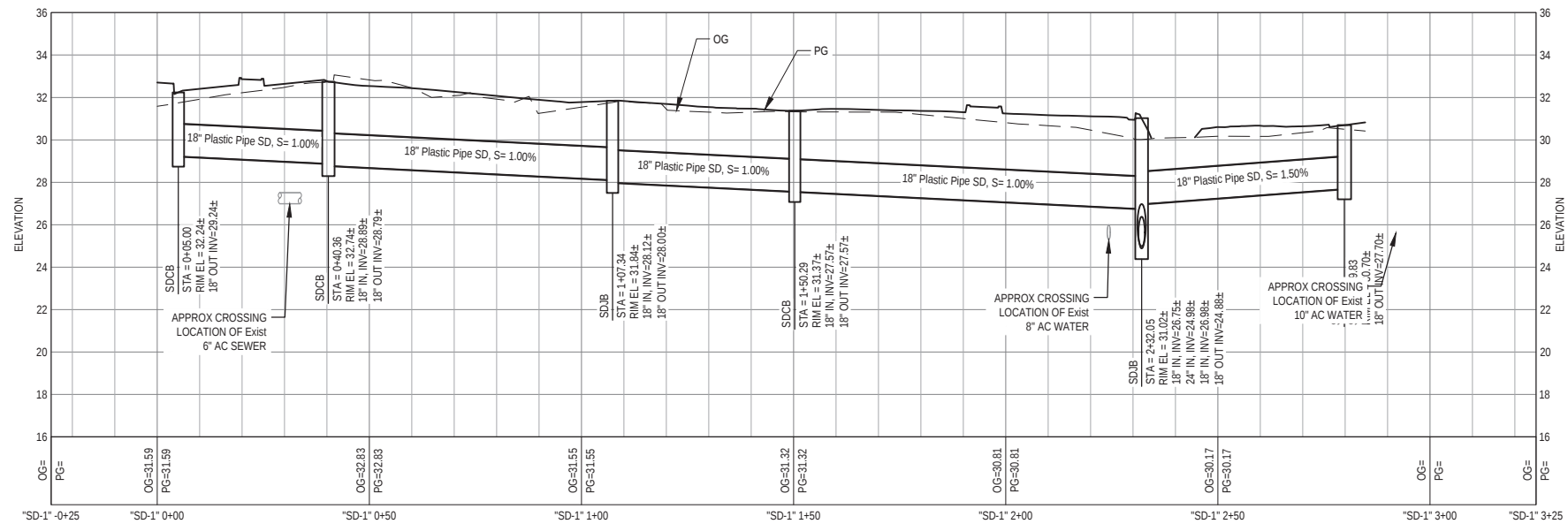
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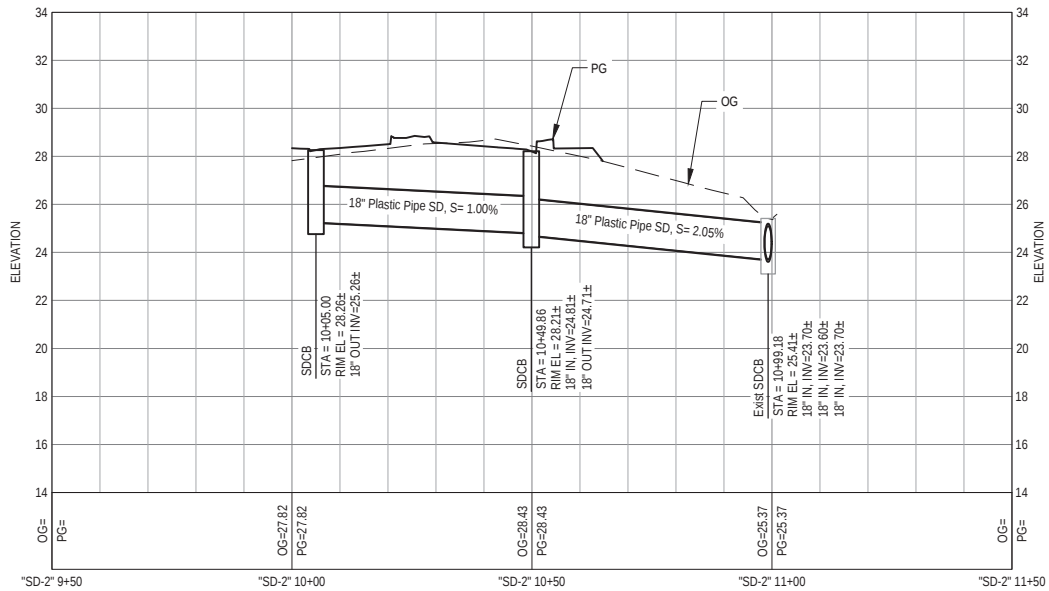
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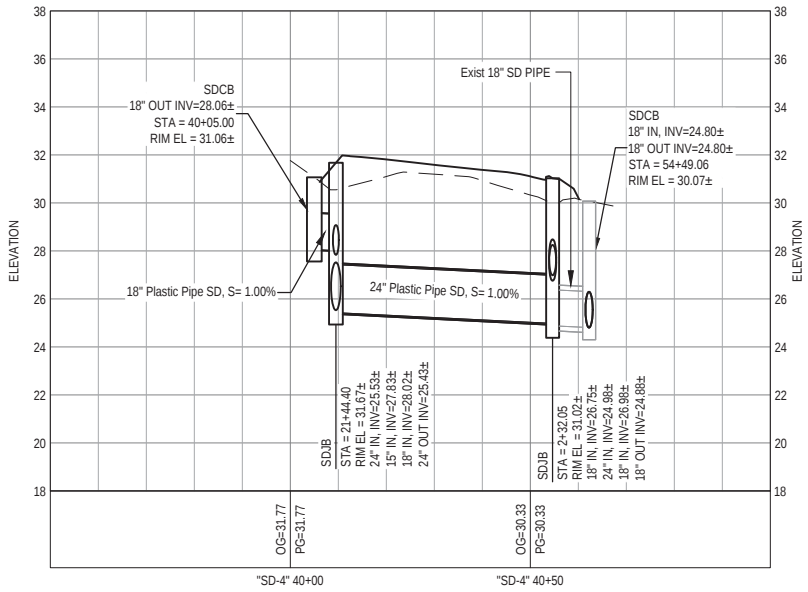
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|---------------|----------------------------------------------------------------|
| Client        | CITY OF ARCATA                                                 |
| Project       | OLD ARCATA ROAD IMPROVEMENTS                                   |
| Title         | OLD ARCATA ROAD & JACOBY CREEK ROAD DRAINAGE PLAN SHEET 1 OF 4 |
| Project No.   | 11159130                                                       |
| Original Size | ANSI D                                                         |
| Sheet No.     | CU-101                                                         |



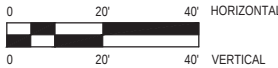
PROFILE VIEW  
STORM DRAIN - STA "SD-1" 0+50 TO STA "SD-1" 2+50



PROFILE VIEW  
STORM DRAIN - STA "SD-2" 9+50 TO STA "SD-2" 11+50



PROFILE VIEW  
STORM DRAIN - STA "SD-4" 39+50 TO STA "SD-4" 40+00



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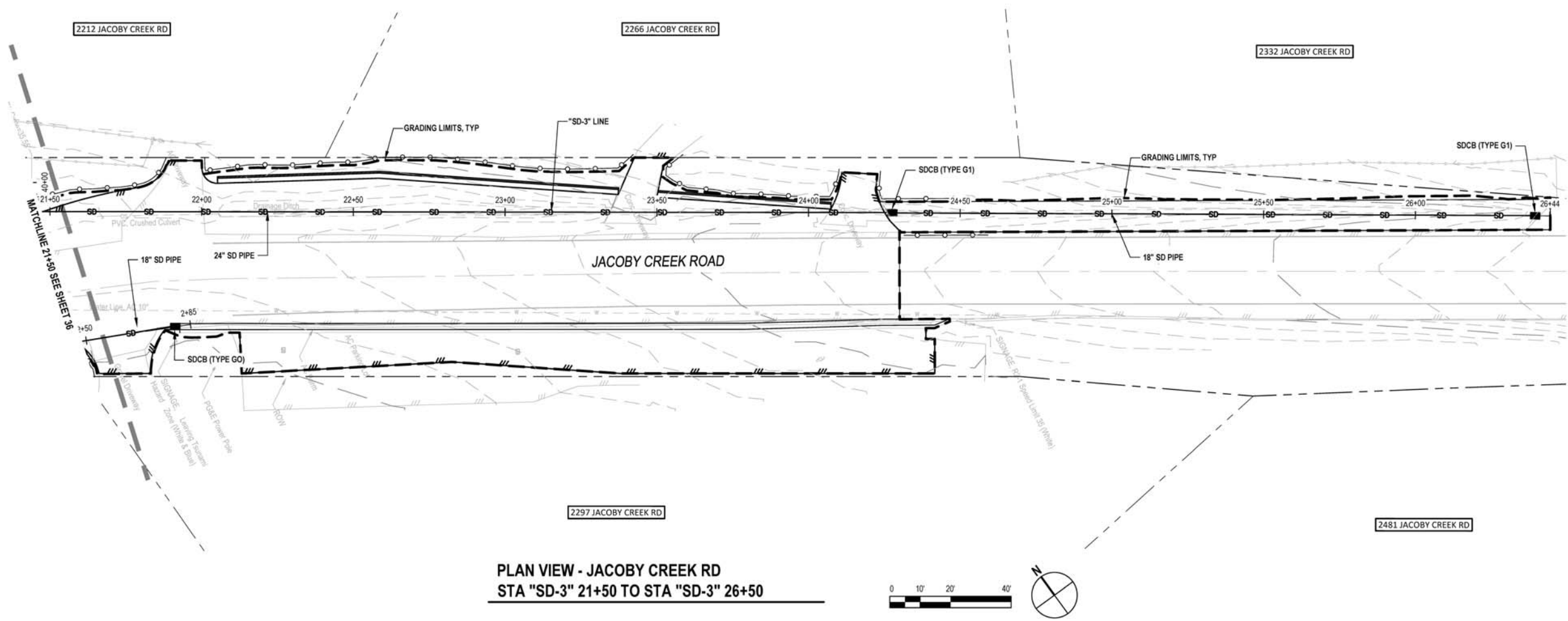
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| Client        | CITY OF ARCATA                      |           |        |
| Project       | OLD ARCATA ROAD IMPROVEMENTS        |           |        |
| Title         | OLD ARCATA ROAD & JACOBY CREEK ROAD |           |        |
| Project No.   | 11159130                            |           |        |
| Original Size | ANSI D                              | Sheet No. | CU-102 |



PLAN VIEW - JACOBY CREEK RD  
STA "SD-3" 21+50 TO STA "SD-3" 26+50

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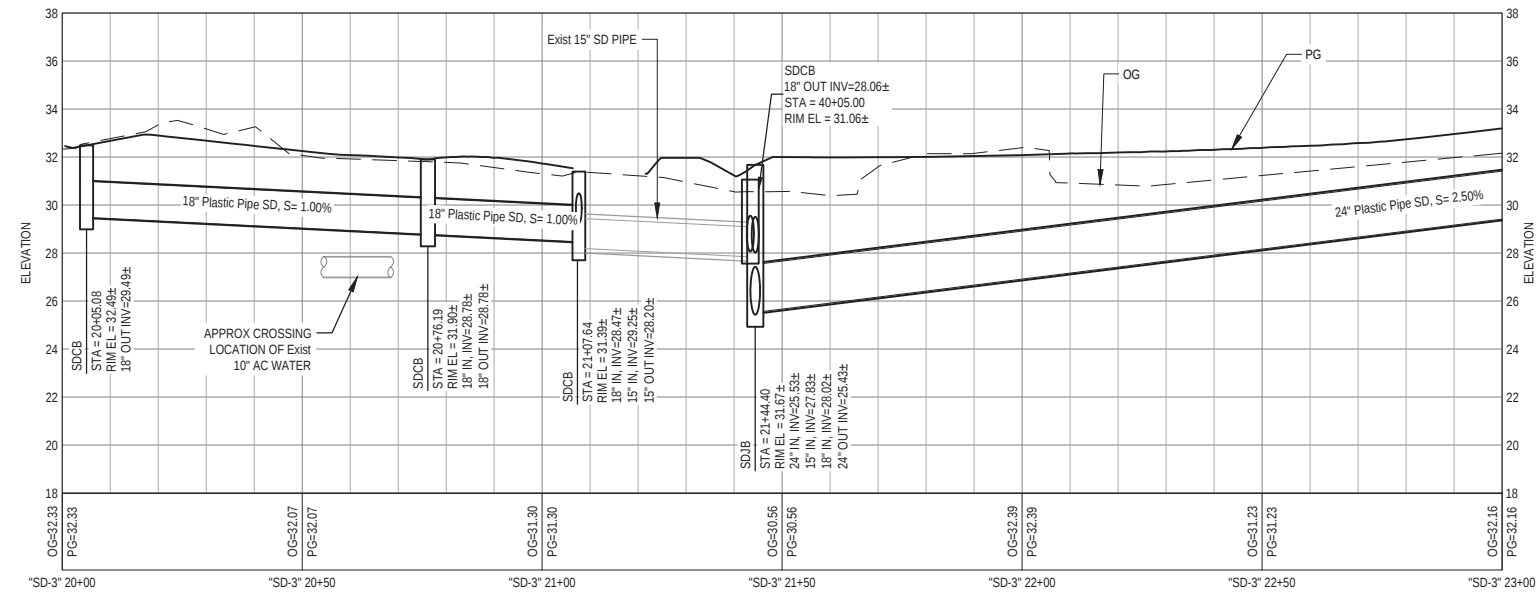
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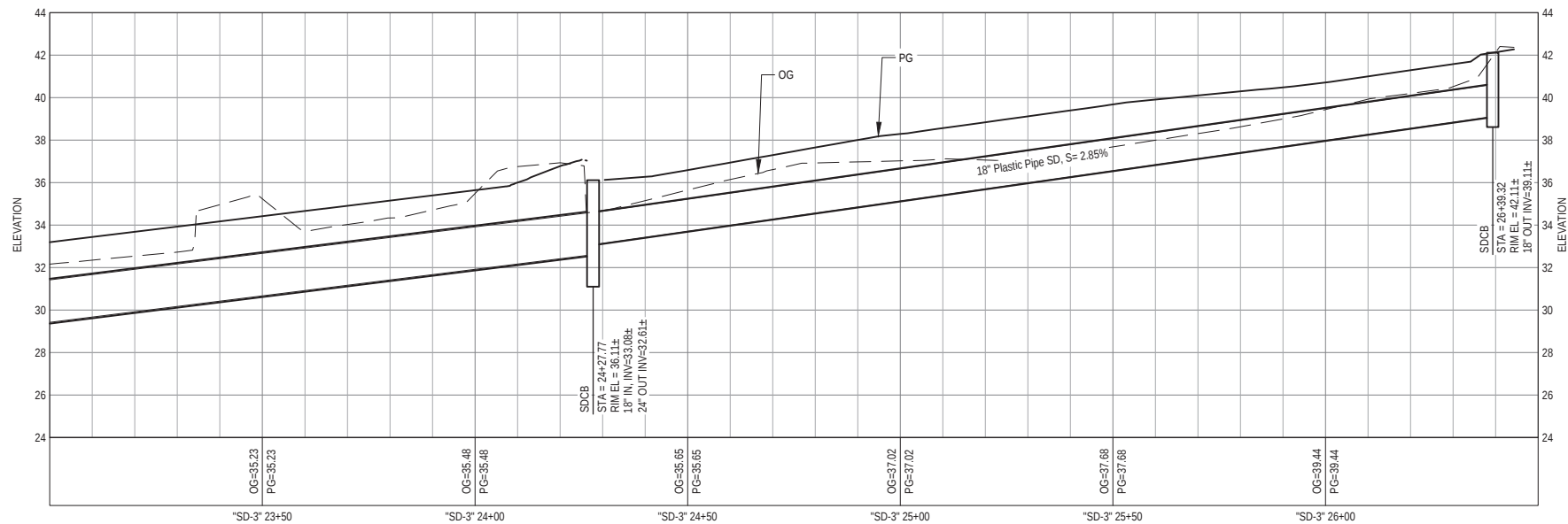
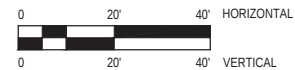
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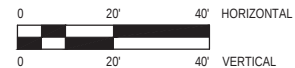
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| Client        | CITY OF ARCATA                                                 |
| Project       | OLD ARCATA ROAD IMPROVEMENTS                                   |
| Title         | OLD ARCATA ROAD & JACOBY CREEK ROAD DRAINAGE PLAN SHEET 3 OF 4 |
| Project No.   | 11159130                                                       |
| Original Size | ANSI D                                                         |
| Sheet No.     | CU-103                                                         |



PROFILE VIEW  
STORM DRAIN - STA "SD-3" 20+00 TO STA "SD-3" 23+00



PROFILE VIEW  
STORM DRAIN - STA "SD-3" 23+00 TO STA "SD-3" 26+50



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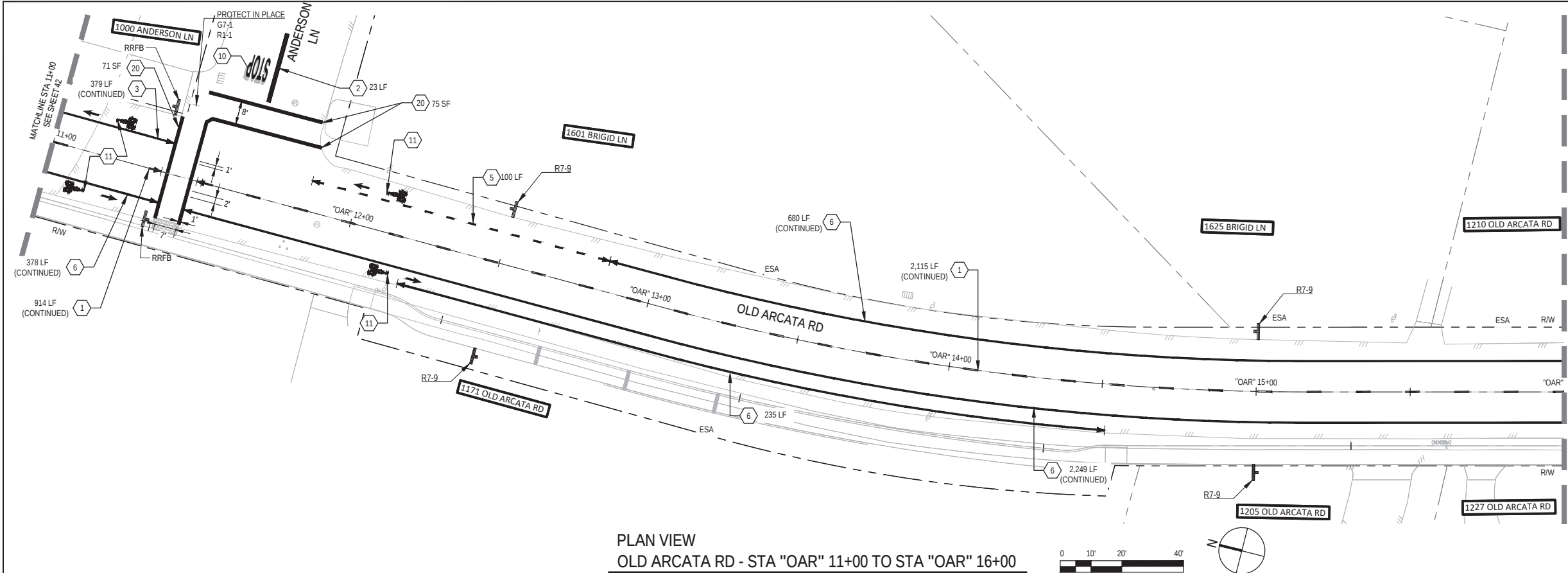
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| Client      | CITY OF ARCATA                      |  |  |
| Project     | OLD ARCATA ROAD IMPROVEMENTS        |  |  |
| Title       | OLD ARCATA ROAD & JACOBY CREEK ROAD |  |  |
|             | DRAINAGE PLAN SHEET 4 OF 4          |  |  |
| Project No. | 11159130                            |  |  |

Original Size  
ANSI D Sheet No. **CU-104**

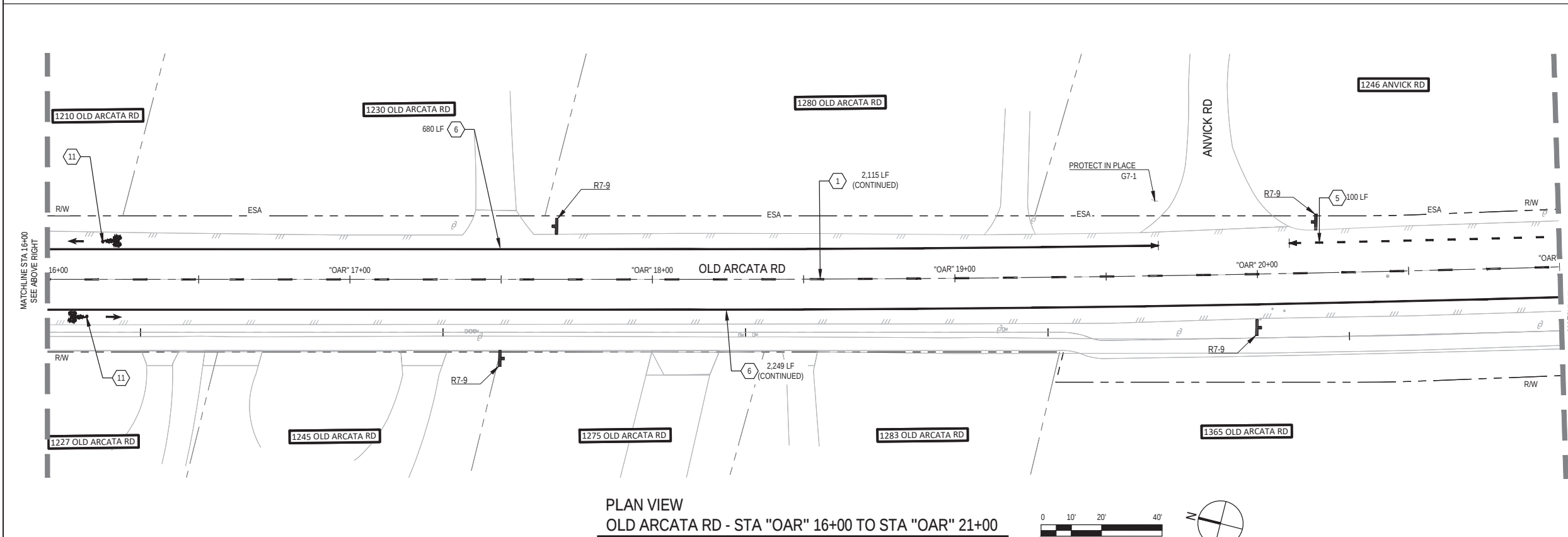




| SHEET GENERAL NOTES |                                                                                                                                            |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| 1.                  | GRIND AND REMOVE EXISTING PAVEMENT MARKINGS AND STRIPES WHICH DO NOT CONFORM TO NEW STRIPING, CONFIRM EXTENTS WITH OWNER'S REPRESENTATIVE. |
| 2.                  | ALL SIGNS WITHIN SPLITTER ISLANDS TO BE INSTALLED ON REMOVABLE POSTS.                                                                      |
| 3.                  | DETAILS PER CALTRANS STANDARD PLANS (2022) A20A THROUGH A24H.                                                                              |

| SHEET KEYNOTES (THERMOPLASTIC) |                                                                      |
|--------------------------------|----------------------------------------------------------------------|
| 1.                             | DETAIL 2 TRAFFIC STRIPE.                                             |
| 2.                             | DETAIL 22 TRAFFIC STRIPE.                                            |
| 3.                             | DETAIL 27B TRAFFIC STRIPE.                                           |
| 4.                             | DETAIL 38A TRAFFIC STRIPE.                                           |
| 5.                             | DETAIL 39A TRAFFIC STRIPE.                                           |
| 6.                             | DETAIL 39 TRAFFIC STRIPE.                                            |
| 7.                             | LIMIT LINE (STOP LINE), 1'-0" WHITE LINE.                            |
| 8.                             | LADDER STYLE CROSSWALK, YELLOW.                                      |
| 9.                             | CONTINENTAL STYLE CROSSWALK, SEE DETAILS.                            |
| 10.                            | "STOP" PAVEMENT MARKING.                                             |
| 11.                            | BIKE LANE SYMBOL (WITH PERSON) AND ARROW.                            |
| 12.                            | TYPE II ARROW.                                                       |
| 13.                            | TYPE III ARROW.                                                      |
| 14.                            | SPEED HUMP PAVEMENT MARKING AND ADVANCE WARNING MARKINGS PER DETAIL. |
| 15.                            | "SLOW" YELLOW PAVEMENT MARKING.                                      |
| 16.                            | "SCHOOL" YELLOW PAVEMENT MARKING.                                    |
| 17.                            | "XING" YELLOW PAVEMENT MARKING.                                      |
| 18.                            | "YIELD" PAVEMENT MARKING.                                            |
| 19.                            | "KEEP CLEAR" PAVEMENT MARKING.                                       |
| 20.                            | BASIC STYLE CROSSWALK, YELLOW.                                       |
| 21.                            | YIELD LINE.                                                          |
| 22.                            | DETAIL 40 TRAFFIC STRIPE.                                            |
| 23.                            | DETAIL 41 TRAFFIC STRIPE.                                            |
| 24.                            | DETAIL 25A TRAFFIC STRIPE.                                           |
| 25.                            | DETAIL 29 TRAFFIC STRIPE.                                            |
| 26.                            | DETAIL 1 TRAFFIC STRIPE.                                             |

| LEGEND |                                       |
|--------|---------------------------------------|
|        | LIMIT/CHANGE OF TRAFFIC STRIPE DETAIL |
|        | TANGENT POINT/BC OR EC                |
|        | ANGLE POINT                           |



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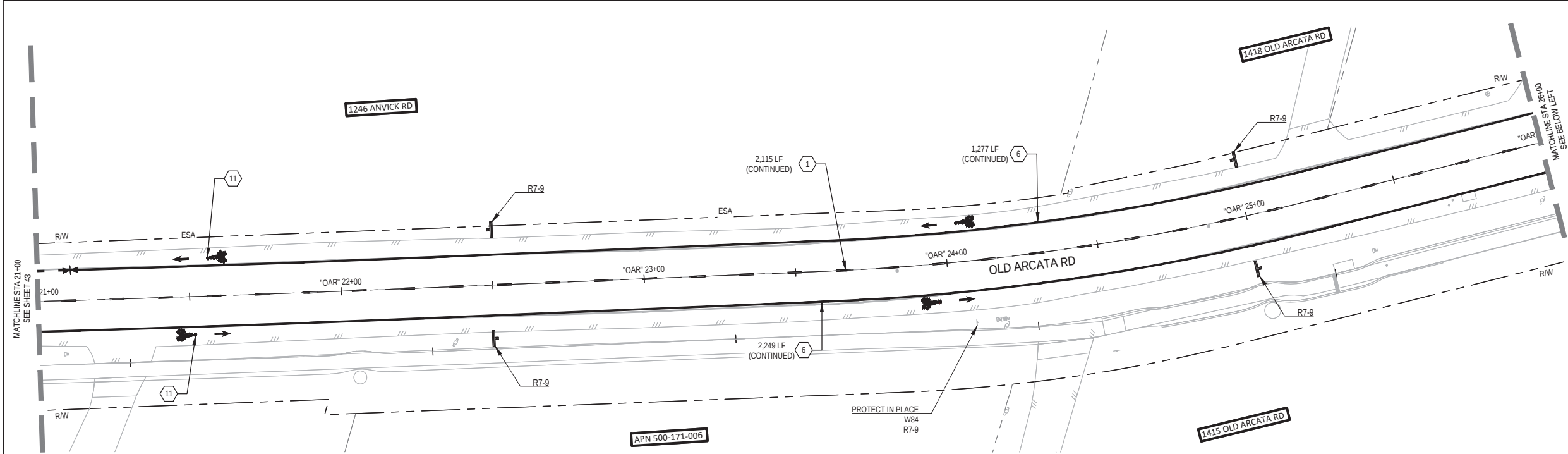
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JOSHUA A. WOLF  
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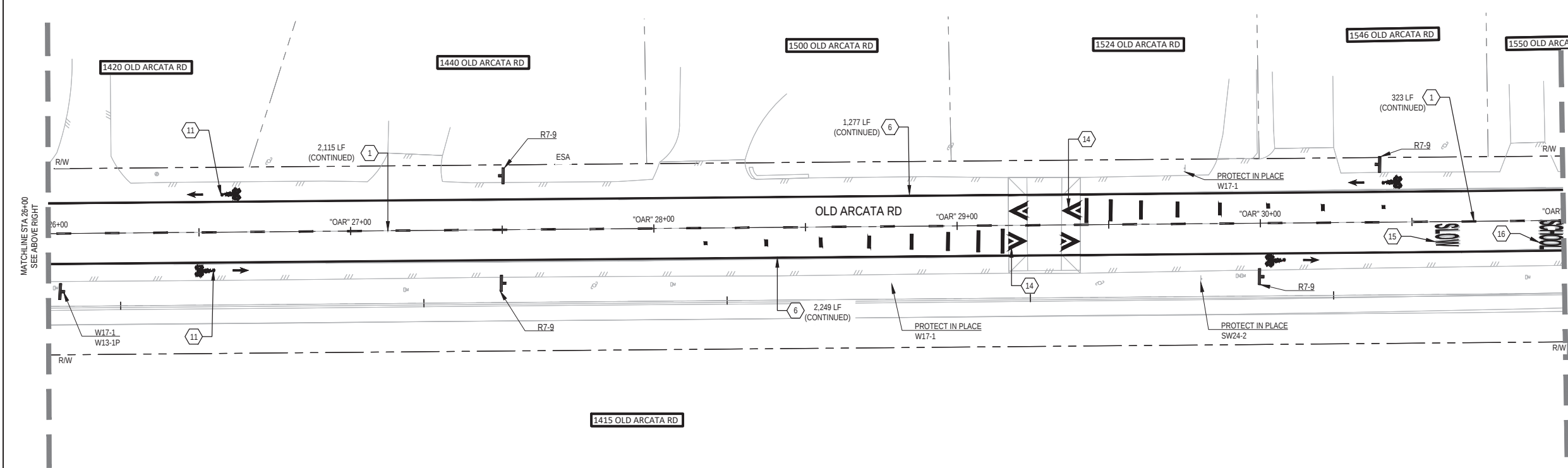
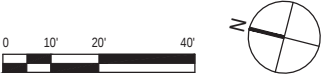
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| Drawn M. GONZALES                                                                           | Designer C. PENNY    | Client<br>Project<br>Title<br>Project No.<br>Original Size<br>ANSI D | CITY OF ARCATA<br>OLD ARCATA ROAD IMPROVEMENTS<br>SIGNAGE AND STRIPING PLAN 2 OF 7<br>11159130 |
| Drafting Check J. WOLF                                                                      | Design Check J. WOLF |                                                                      |                                                                                                |
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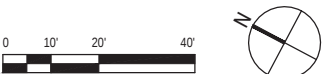
Sheet 43 of 61



PLAN VIEW  
OLD ARCATA RD - STA "OAR" 21+00 TO STA "OAR" 26+00



PLAN VIEW  
OLD ARCATA RD - STA "OAR" 26+00 TO STA "OAR" 31+00



SHEET GENERAL NOTES

- GRIND AND REMOVE EXISTING PAVEMENT MARKINGS AND STRIPES WHICH DO NOT CONFORM TO NEW STRIPING, CONFIRM EXTENTS WITH OWNER'S REPRESENTATIVE.
- ALL SIGNS WITHIN SPLITTER ISLANDS TO BE INSTALLED ON REMOVABLE POSTS.
- DETAILS PER CALTRANS STANDARD PLANS (2022) A20A THROUGH A24H.

SHEET KEYNOTES (THERMOPLASTIC)

- DETAIL 2 TRAFFIC STRIPE.
- DETAIL 22 TRAFFIC STRIPE.
- DETAIL 27B TRAFFIC STRIPE.
- DETAIL 38A TRAFFIC STRIPE.
- DETAIL 39A TRAFFIC STRIPE.
- DETAIL 39 TRAFFIC STRIPE.
- LIMIT LINE (STOP LINE), 1'-0" WHITE LINE.
- LADDER STYLE CROSSWALK, YELLOW.
- CONTINENTAL STYLE CROSSWALK, SEE DETAILS.
- "STOP" PAVEMENT MARKING.
- BIKE LANE SYMBOL (WITH PERSON) AND ARROW.
- TYPE II ARROW.
- TYPE III ARROW.
- SPEED HUMP PAVEMENT MARKING AND ADVANCE WARNING MARKINGS PER DETAIL.
- "SLOW" YELLOW PAVEMENT MARKING.
- "SCHOOL" YELLOW PAVEMENT MARKING.
- "XING" YELLOW PAVEMENT MARKING.
- "YIELD" PAVEMENT MARKING.
- "KEEP CLEAR" PAVEMENT MARKING.
- BASIC STYLE CROSSWALK, YELLOW.
- YIELD LINE.
- DETAIL 40 TRAFFIC STRIPE.
- DETAIL 41 TRAFFIC STRIPE.
- DETAIL 25A TRAFFIC STRIPE.
- DETAIL 29 TRAFFIC STRIPE.
- DETAIL 1 TRAFFIC STRIPE.

LEGEND

- LIMIT/CHANGE OF TRAFFIC STRIPE DETAIL
- TANGENT POINT/BC OR EC
- ANGLE POINT

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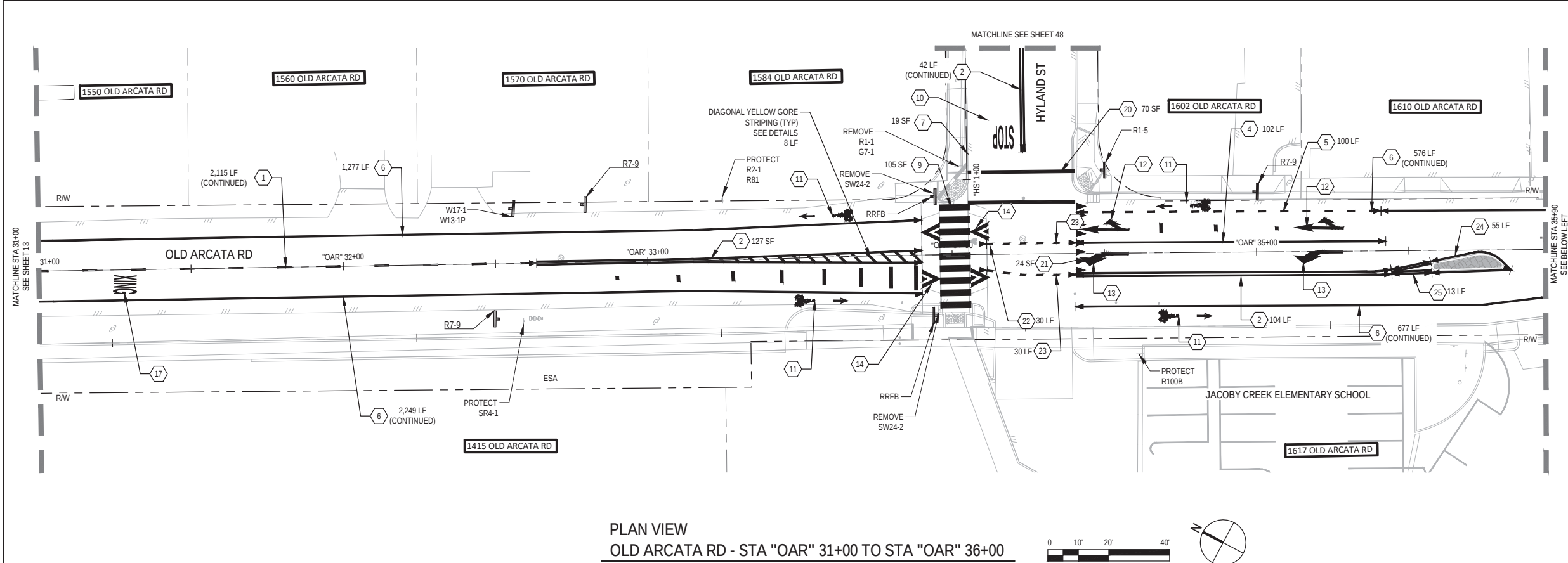
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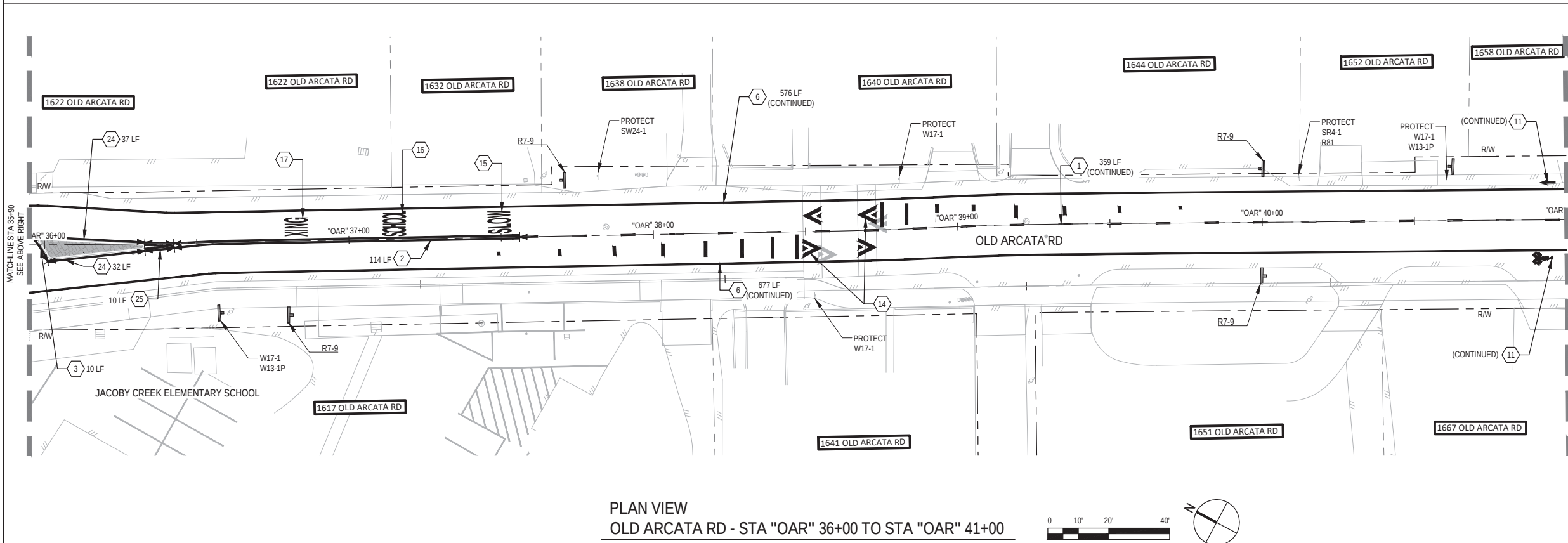
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| Project       | OLD ARCATA ROAD IMPROVEMENTS     |
| Title         | SIGNAGE AND STRIPING PLAN 3 OF 7 |
| Project No.   | 11159130                         |
| Original Size | ANSI D                           |
| Sheet No.     | CP-103                           |



PLAN VIEW  
OLD ARCATA RD - STA "OAR" 31+00 TO STA "OAR" 36+00



PLAN VIEW  
OLD ARCATA RD - STA "OAR" 36+00 TO STA "OAR" 41+00

| SHEET GENERAL NOTES |                                                                                                                                            |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| 1.                  | GRIND AND REMOVE EXISTING PAVEMENT MARKINGS AND STRIPES WHICH DO NOT CONFORM TO NEW STRIPING, CONFIRM EXTENTS WITH OWNER'S REPRESENTATIVE. |
| 2.                  | ALL SIGNS WITHIN SPLITTER ISLANDS TO BE INSTALLED ON REMOVABLE POSTS.                                                                      |
| 3.                  | DETAILS PER CALTRANS STANDARD PLANS (2022) A20A THROUGH A24H.                                                                              |

| SHEET KEYNOTES (THERMOPLASTIC) |                                                                      |
|--------------------------------|----------------------------------------------------------------------|
| 1.                             | DETAIL 2 TRAFFIC STRIPE.                                             |
| 2.                             | DETAIL 22 TRAFFIC STRIPE.                                            |
| 3.                             | DETAIL 27B TRAFFIC STRIPE.                                           |
| 4.                             | DETAIL 38A TRAFFIC STRIPE.                                           |
| 5.                             | DETAIL 39A TRAFFIC STRIPE.                                           |
| 6.                             | DETAIL 39 TRAFFIC STRIPE.                                            |
| 7.                             | LIMIT LINE (STOP LINE), 1'-0" WHITE LINE.                            |
| 8.                             | LADDER STYLE CROSSWALK, YELLOW.                                      |
| 9.                             | CONTINENTAL STYLE CROSSWALK, SEE DETAILS.                            |
| 10.                            | "STOP" PAVEMENT MARKING.                                             |
| 11.                            | BIKE LANE SYMBOL (WITH PERSON) AND ARROW.                            |
| 12.                            | TYPE II ARROW.                                                       |
| 13.                            | TYPE III ARROW.                                                      |
| 14.                            | SPEED HUMP PAVEMENT MARKING AND ADVANCE WARNING MARKINGS PER DETAIL. |
| 15.                            | "SLOW" YELLOW PAVEMENT MARKING.                                      |
| 16.                            | "SCHOOL" YELLOW PAVEMENT MARKING.                                    |
| 17.                            | "XING" YELLOW PAVEMENT MARKING.                                      |
| 18.                            | "YIELD" PAVEMENT MARKING.                                            |
| 19.                            | "KEEP CLEAR" PAVEMENT MARKING.                                       |
| 20.                            | BASIC STYLE CROSSWALK, YELLOW.                                       |
| 21.                            | YIELD LINE.                                                          |
| 22.                            | DETAIL 40 TRAFFIC STRIPE.                                            |
| 23.                            | DETAIL 41 TRAFFIC STRIPE.                                            |
| 24.                            | DETAIL 25A TRAFFIC STRIPE.                                           |
| 25.                            | DETAIL 29 TRAFFIC STRIPE.                                            |
| 26.                            | DETAIL 1 TRAFFIC STRIPE.                                             |

| LEGEND |                                       |
|--------|---------------------------------------|
|        | LIMIT/CHANGE OF TRAFFIC STRIPE DETAIL |
|        | TANGENT POINT/BC OR EC                |
|        | ANGLE POINT                           |

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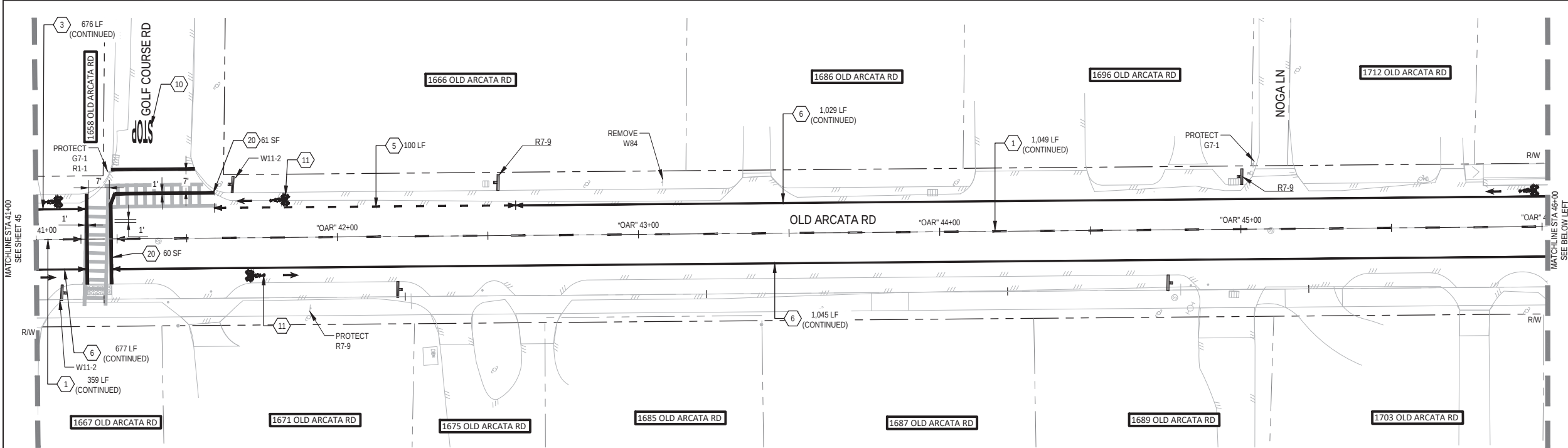
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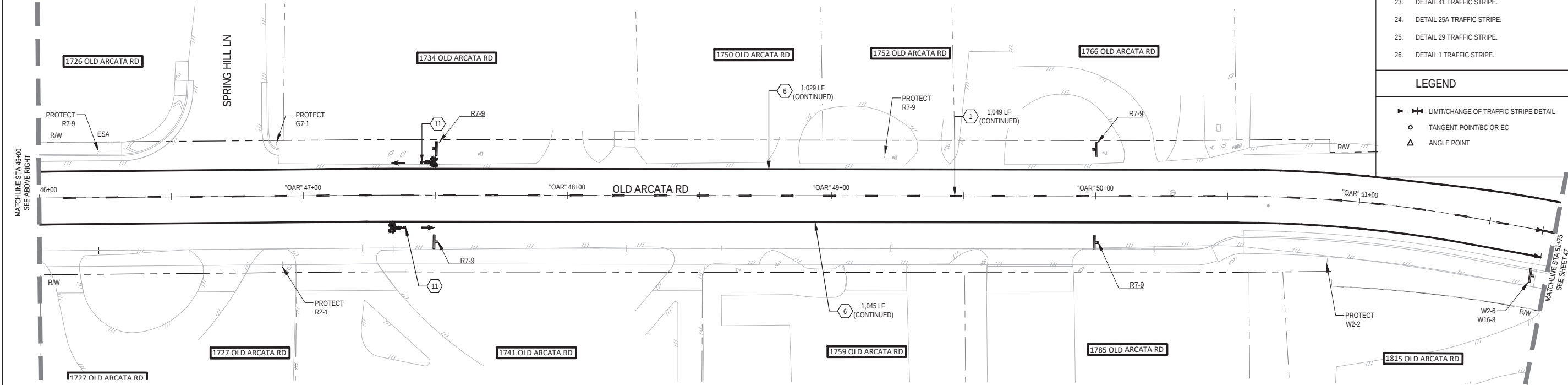
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| Project       | OLD ARCATA ROAD IMPROVEMENTS     |                |
| Title         | SIGNAGE AND STRIPING PLAN 4 OF 7 |                |
| Project No.   | 11159130                         |                |
| Original Size | ANSI D                           | Sheet No.      |
| CP-104        |                                  | Sheet 45 of 61 |



PLAN VIEW  
OLD ARCATA RD - STA "OAR" 41+00 TO STA "OAR" 46+00



PLAN VIEW  
OLD ARCATA RD - STA "OAR" 46+00 TO STA "OAR" 51+50



SHEET GENERAL NOTES

- GRIND AND REMOVE EXISTING PAVEMENT MARKINGS AND STRIPES WHICH DO NOT CONFORM TO NEW STRIPING, CONFIRM EXTENTS WITH OWNER'S REPRESENTATIVE.
- ALL SIGNS WITHIN SPLITTER ISLANDS TO BE INSTALLED ON REMOVABLE POSTS.
- DETAILS PER CALTRANS STANDARD PLANS (2022) A20A THROUGH A24H.

SHEET KEYNOTES (THERMOPLASTIC)

- DETAIL 2 TRAFFIC STRIPE.
- DETAIL 22 TRAFFIC STRIPE.
- DETAIL 27B TRAFFIC STRIPE.
- DETAIL 38A TRAFFIC STRIPE.
- DETAIL 39A TRAFFIC STRIPE.
- DETAIL 39 TRAFFIC STRIPE.
- LIMIT LINE (STOP LINE), 1'-0" WHITE LINE.
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- CONTINENTAL STYLE CROSSWALK, SEE DETAILS.
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- TYPE III ARROW.
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- "SCHOOL" YELLOW PAVEMENT MARKING.
- "XING" YELLOW PAVEMENT MARKING.
- "YIELD" PAVEMENT MARKING.
- "KEEP CLEAR" PAVEMENT MARKING.
- BASIC STYLE CROSSWALK, YELLOW.
- YIELD LINE.
- DETAIL 40 TRAFFIC STRIPE.
- DETAIL 41 TRAFFIC STRIPE.
- DETAIL 25A TRAFFIC STRIPE.
- DETAIL 29 TRAFFIC STRIPE.
- DETAIL 1 TRAFFIC STRIPE.

LEGEND

- LIMIT/CHANGE OF TRAFFIC STRIPE DETAIL
- TANGENT POINT/BC OR EC
- ANGLE POINT

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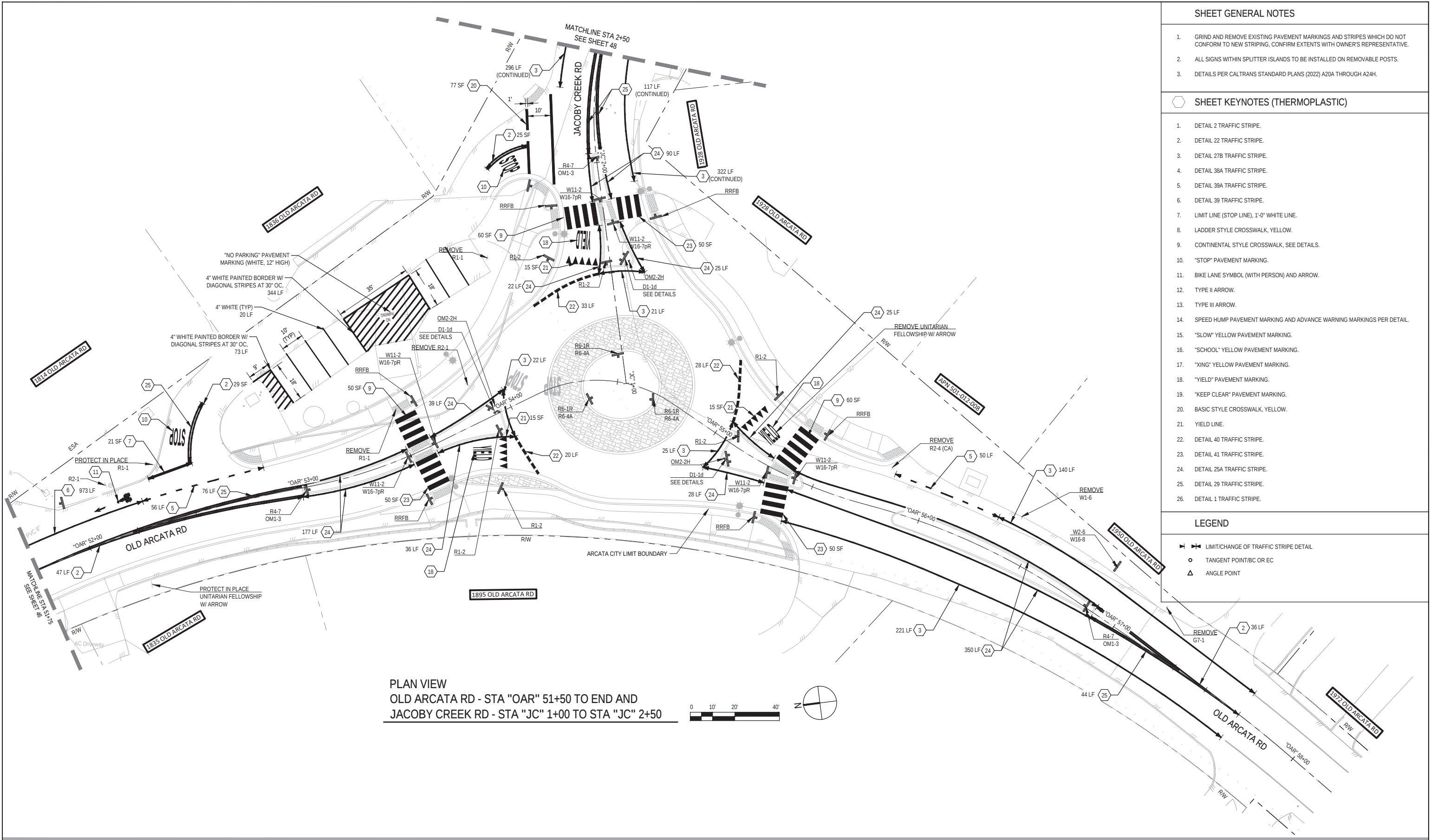


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| Drafting Check                                                                              | J. WOLF     | Design Check | J. WOLF   |
| Project Manager                                                                             | J. WOLF     | Date         | 1/23/2023 |
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Client CITY OF ARCATA  
Project OLD ARCATA ROAD IMPROVEMENTS  
Title SIGNAGE AND STRIPING PLAN 5 OF 7

Project No. 11159130  
Original Size ANSI D  
Sheet No. CP-105



- SHEET GENERAL NOTES
1.

GRIND AND REMOVE EXISTING PAVEMENT MARKINGS AND STRIPES WHICH DO NOT CONFORM TO NEW STRIPING, CONFIRM EXTENTS WITH OWNER'S REPRESENTATIVE.
2.

ALL SIGNS WITHIN SPLITTER ISLANDS TO BE INSTALLED ON REMOVABLE POSTS.
3.

DETAILS PER CALTRANS STANDARD PLANS (2022) A20A THROUGH A24H.
- SHEET KEYNOTES (THERMOPLASTIC)
1.

DETAIL 2 TRAFFIC STRIPE.
2.

DETAIL 22 TRAFFIC STRIPE.
3.

DETAIL 27B TRAFFIC STRIPE.
4.

DETAIL 38A TRAFFIC STRIPE.
5.

DETAIL 39A TRAFFIC STRIPE.
6.

DETAIL 39 TRAFFIC STRIPE.
7.

LIMIT LINE (STOP LINE), 1'-0" WHITE LINE.
8.

LADDER STYLE CROSSWALK, YELLOW.
9.

CONTINENTAL STYLE CROSSWALK, SEE DETAILS.
10.

"STOP" PAVEMENT MARKING.
11.

BIKE LANE SYMBOL (WITH PERSON) AND ARROW.
12.

TYPE II ARROW.
13.

TYPE III ARROW.
14.

SPEED HUMP PAVEMENT MARKING AND ADVANCE WARNING MARKINGS PER DETAIL.
15.

"SLOW" YELLOW PAVEMENT MARKING.
16.

"SCHOOL" YELLOW PAVEMENT MARKING.
17.

"XING" YELLOW PAVEMENT MARKING.
18.

"YIELD" PAVEMENT MARKING.
19.

"KEEP CLEAR" PAVEMENT MARKING.
20.

BASIC STYLE CROSSWALK, YELLOW.
21.

YIELD LINE.
22.

DETAIL 40 TRAFFIC STRIPE.
23.

DETAIL 41 TRAFFIC STRIPE.
24.

DETAIL 25A TRAFFIC STRIPE.
25.

DETAIL 29 TRAFFIC STRIPE.
26.

DETAIL 1 TRAFFIC STRIPE.

- LEGEND
- ▶◀

LIMIT/CHANGE OF TRAFFIC STRIPE DETAIL
- TANGENT POINT/BC OR EC
- △

ANGLE POINT

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REGISTERED PROFESSIONAL ENGINEER  
JOSHUA A. WOLF  
No. C70358  
CIVIL  
STATE OF CALIFORNIA

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Drawn M. GONZALES  
Drafting Check J. WOLF  
Project Manager J. WOLF  
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Designer C. PENNY  
Design Check J. WOLF  
Date 1/23/2023  
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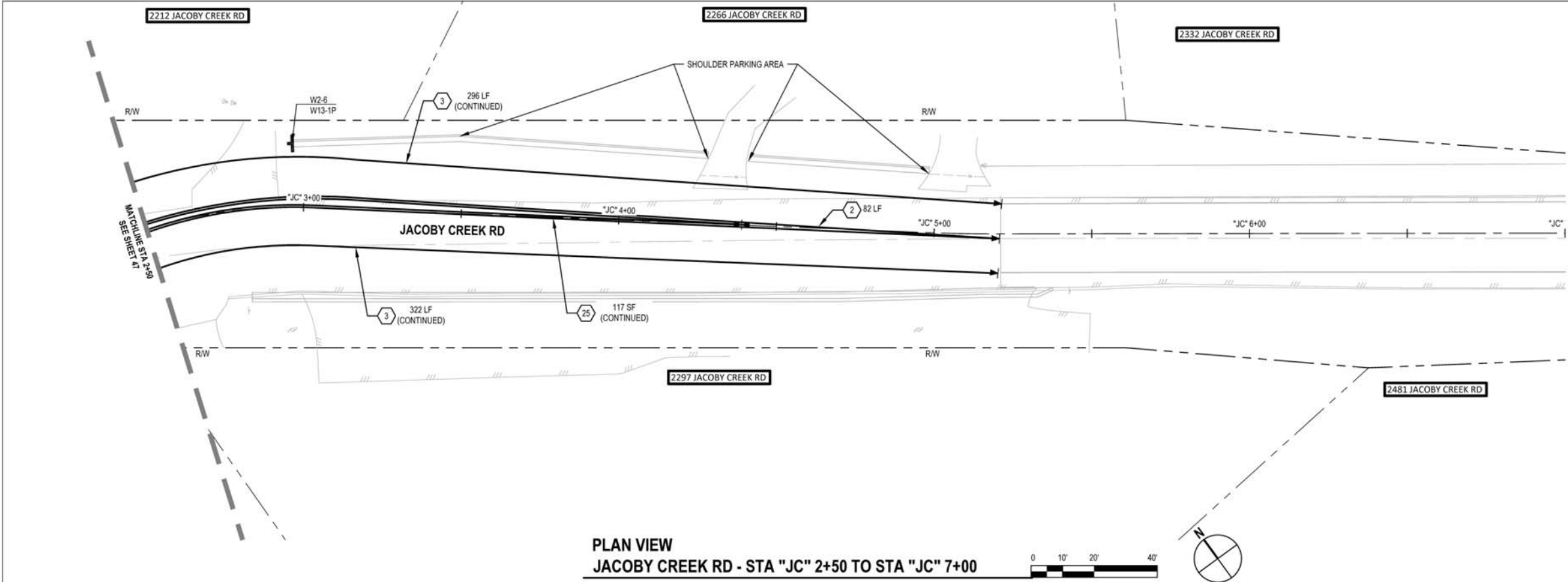
Client CITY OF ARCATA  
Project OLD ARCATA ROAD IMPROVEMENTS  
Title SIGNAGE AND STRIPING PLAN 6 OF 7  
Project No. 11159130  
Original Size ANSI D  
Sheet No. CP-106

Sheet 47 of 61

Plot Date: 23 January 2023 - 4:46 PM

Plotted By: Camille Penny

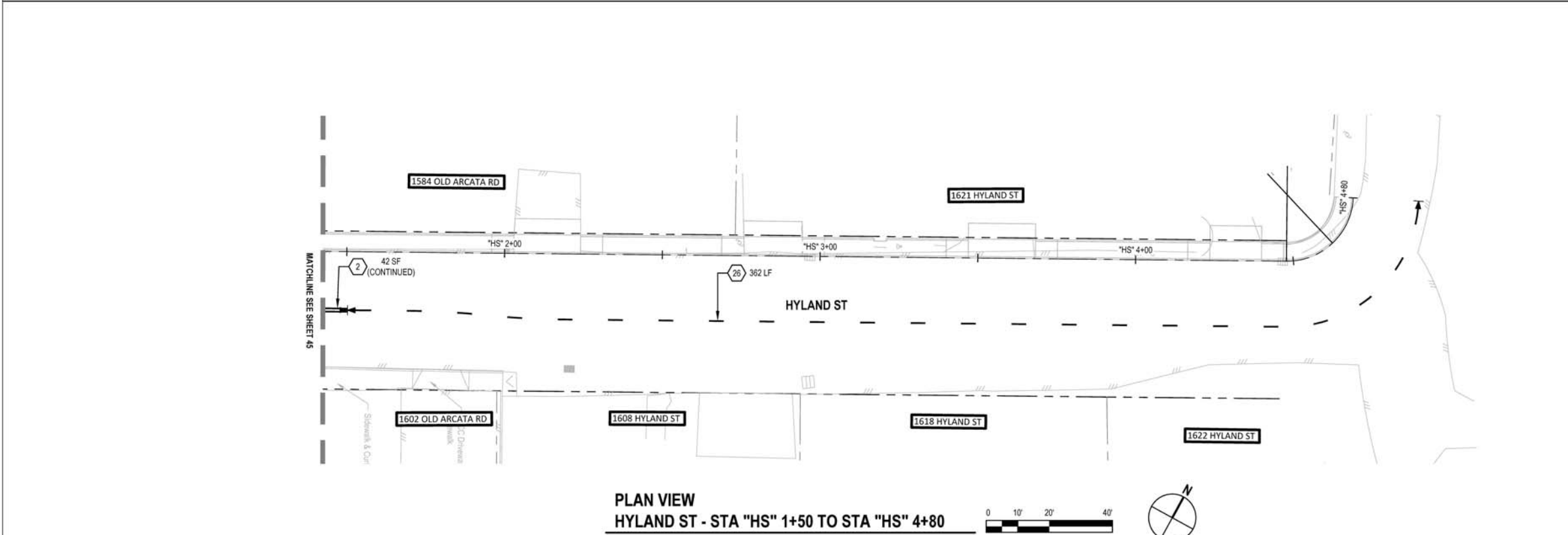
Filename: G:\1111159130 Arcata Old Arcata Road Improvements\06-CAD\Sheets\11159130\_OAR\_C-401\_C-407\_SIGNAGE AND STRIPING.dwg



| SHEET GENERAL NOTES |                                                                                                                                            |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------|
| 1.                  | GRIND AND REMOVE EXISTING PAVEMENT MARKINGS AND STRIPES WHICH DO NOT CONFORM TO NEW STRIPING, CONFIRM EXTENTS WITH OWNER'S REPRESENTATIVE. |
| 2.                  | ALL SIGNS WITHIN SPLITTER ISLANDS TO BE INSTALLED ON REMOVABLE POSTS.                                                                      |
| 3.                  | DETAILS PER CALTRANS STANDARD PLANS (2022) A20A THROUGH A24H.                                                                              |

| SHEET KEYNOTES (THERMOPLASTIC) |                                                                      |
|--------------------------------|----------------------------------------------------------------------|
| 1.                             | DETAIL 2 TRAFFIC STRIPE.                                             |
| 2.                             | DETAIL 22 TRAFFIC STRIPE.                                            |
| 3.                             | DETAIL 27B TRAFFIC STRIPE.                                           |
| 4.                             | DETAIL 38A TRAFFIC STRIPE.                                           |
| 5.                             | DETAIL 39A TRAFFIC STRIPE.                                           |
| 6.                             | DETAIL 39 TRAFFIC STRIPE.                                            |
| 7.                             | LIMIT LINE (STOP LINE), 1'-0" WHITE LINE.                            |
| 8.                             | LADDER STYLE CROSSWALK, YELLOW.                                      |
| 9.                             | CONTINENTAL STYLE CROSSWALK, SEE DETAILS.                            |
| 10.                            | "STOP" PAVEMENT MARKING.                                             |
| 11.                            | BIKE LANE SYMBOL (WITH PERSON) AND ARROW.                            |
| 12.                            | TYPE II ARROW.                                                       |
| 13.                            | TYPE III ARROW.                                                      |
| 14.                            | SPEED HUMP PAVEMENT MARKING AND ADVANCE WARNING MARKINGS PER DETAIL. |
| 15.                            | "SLOW" YELLOW PAVEMENT MARKING.                                      |
| 16.                            | "SCHOOL" YELLOW PAVEMENT MARKING.                                    |
| 17.                            | "XING" YELLOW PAVEMENT MARKING.                                      |
| 18.                            | "YIELD" PAVEMENT MARKING.                                            |
| 19.                            | "KEEP CLEAR" PAVEMENT MARKING.                                       |
| 20.                            | BASIC STYLE CROSSWALK, YELLOW.                                       |
| 21.                            | YIELD LINE.                                                          |
| 22.                            | DETAIL 40 TRAFFIC STRIPE.                                            |
| 23.                            | DETAIL 41 TRAFFIC STRIPE.                                            |
| 24.                            | DETAIL 25A TRAFFIC STRIPE.                                           |
| 25.                            | DETAIL 29 TRAFFIC STRIPE.                                            |
| 26.                            | DETAIL 1 TRAFFIC STRIPE.                                             |

| LEGEND |                                       |
|--------|---------------------------------------|
| ▶▶     | LIMIT/CHANGE OF TRAFFIC STRIPE DETAIL |
| ○      | TANGENT POINT/BC OR EC                |
| △      | ANGLE POINT                           |



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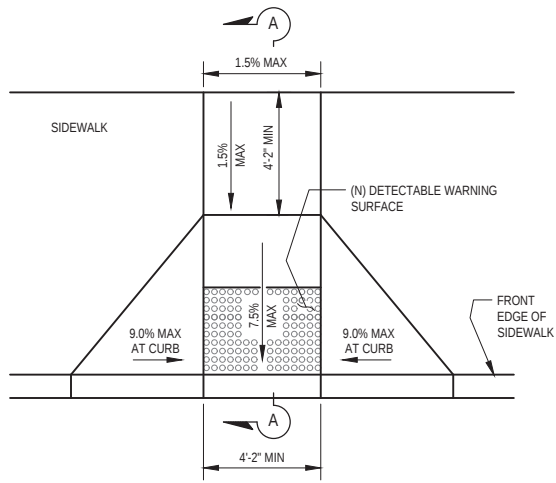
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| Drawn                                                                                       | M. GONZALES | Designer     | C. PENNY  |
| Drafting Check                                                                              | J. WOLF     | Design Check | J. WOLF   |
| Project Manager                                                                             | J. WOLF     | Date         | 1/23/2023 |
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| Client        | CITY OF ARCATA                   |                |
| Project       | OLD ARCATA ROAD IMPROVEMENTS     |                |
| Title         | SIGNAGE AND STRIPING PLAN 7 OF 7 |                |
| Project No.   | 11159130                         |                |
| Original Size | ANSI D                           | Sheet No.      |
| CP-107        |                                  | Sheet 48 of 61 |

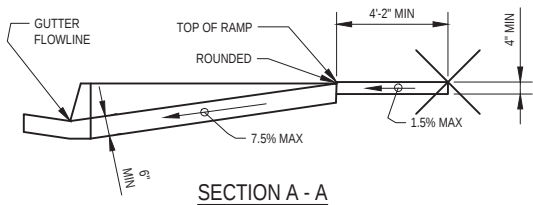
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Plotted By: Camille Penny

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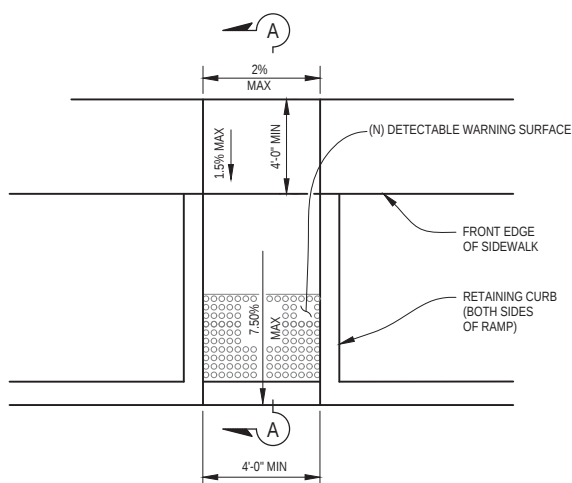
PLAN VIEW



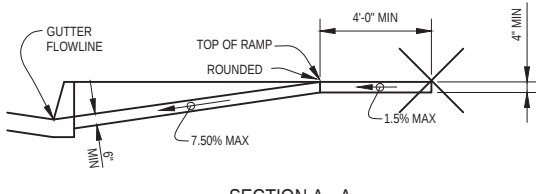
SECTION A - A

STANDARD CURB RAMP DETAIL - CASE A

SCALE: NTS



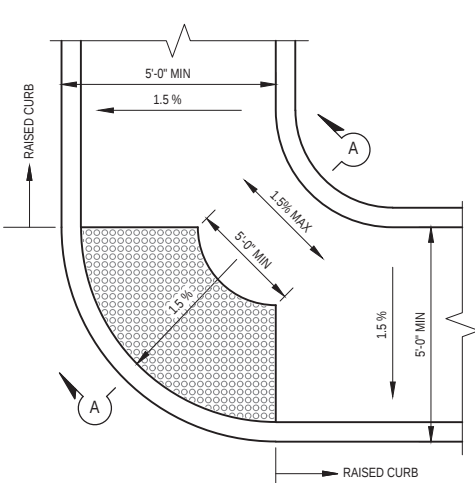
PLAN VIEW



SECTION A - A

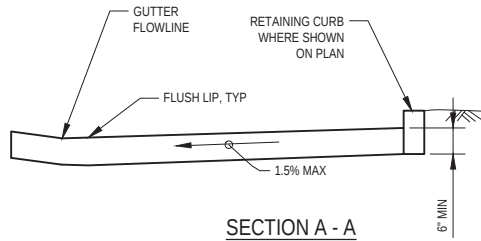
STANDARD CURB RAMP DETAIL - CASE F

SCALE: NTS

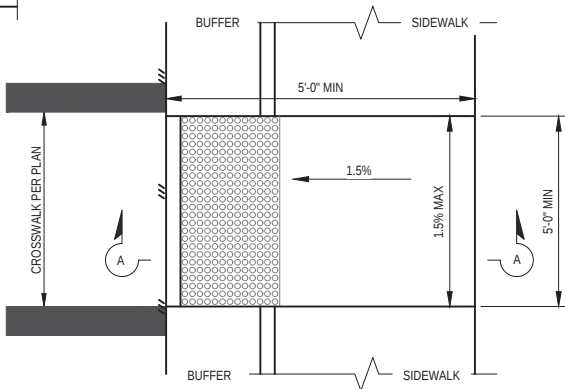


PLAN VIEW

NOTE:  
MAX SLOPE OF 1.5% ALLOWED  
IN ALL DIRECTIONS



SECTION A - A



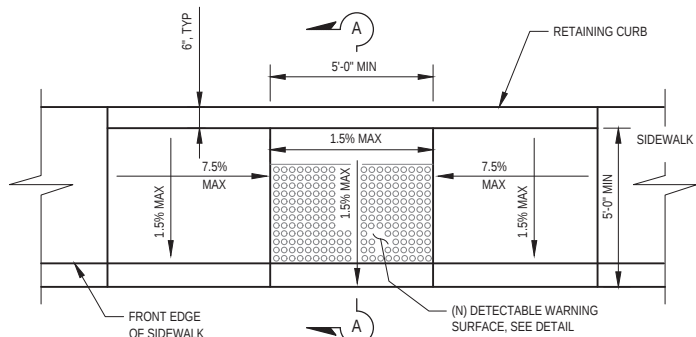
PLAN VIEW (IN-LINE)

BLENDED TRANSITION

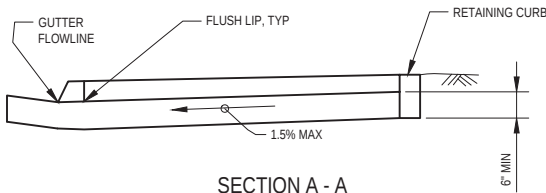
SCALE: NTS

PEDESTRIAN ACCESS NOTES:

1. THE CURB RAMP STANDARDS DEPICTED HERE MAY NOT BE APPROPRIATE FOR ALL LOCATIONS. FIELD CONDITIONS AT INDIVIDUAL LOCATIONS MAY REQUIRE SPECIFIC DESIGNS. DESIGNS MUST BE CONSISTENT WITH THE PROVISIONS OF THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD PLANS (CURRENT EDITION) AND SUBSEQUENT REVISED STANDARD PLANS TO THE MAXIMUM EXTENT FEASIBLE.
2. CURB RAMP AND PEDESTRIAN REFUGE ISLAND THICKNESS SHALL BE 6" THICK MINIMUM. PEDESTRIAN REFUGE ISLANDS AND CURB RAMP SHALL BE PLACED OVER 4" OF CLASS 2 AGGREGATE BASE COMPACTED TO 95% RELATIVE COMPACTION. SCARIFY SUBGRADE 6" DEEP, MOISTURE CONDITION AND RECOMPACT TO 95% RELATIVE COMPACTION.
3. TRANSITIONS FROM RAMPS AND LANDINGS TO WALKS, GUTTERS, OR STREETS SHALL BE FLUSH AND FREE OF ABRUPT CHANGES.
4. MAXIMUM SLOPES OF ADJOINING GUTTERS, THE ROAD SURFACE IMMEDIATELY ADJACENT TO THE CURB RAMP OR ACCESSIBLE ROUTE SHALL NOT EXCEED 5% WITHIN 2'-0" OF THE CURB RAMP.
5. A 6" HIGH WARNING CURB IS REQUIRED PER CBC WHENEVER THERE IS AN ABRUPT CHANGE IN GRADE ELEVATION OFF THE EDGE OF A WALKING SURFACE THAT EXCEEDS 4" VERTICAL EXCEPT BETWEEN A SIDEWALK AND AN ADJACENT STREET. LOCATION TO BE AS DIRECTED.
6. WHEN AN EXISTING ACCESSIBLE PATH OF TRAVEL IS TO BE BLOCKED OR REMOVED, THE CONTRACTOR SHALL SUBMIT A TEMPORARY ACCESS PLAN FOR CITY APPROVAL. NO WORK SHALL COMMENCE UNTIL AN ACCESS PLAN HAS BEEN APPROVED FROM THE CITY.
7. IF THE CONSTRUCTION WORK AREA IS WITHIN AN EXISTING FACILITY (E.G. BUS STOPS, CROSSWALKS, ETC.), CONTRACTOR SHALL PROVIDE 48 HOURS ADVANCE NOTICE TO OWNERS OF THE FACILITY INDICATING THE AFFECTED LOCATION AND DURATION OF WORK. NO TWO FACILITIES OR PROGRAMS IN SEQUENCE SHALL BE BLOCKED OR CLOSED FOR PUBLIC USE.
8. PAYMENT FOR PROVIDING A CONTINUOUS PATH OF TRAVEL SHALL BE CONSIDERED AS INCLUDED IN VARIOUS ITEMS OF WORK AND NO SEPARATE PAYMENT SHALL BE MADE. PROVISIONS FOR CONTINUOUS PATH OF TRAVEL SHALL INCLUDE INSTALLATION AND MAINTENANCE OF TEMPORARY RAMPS, POTHOLING OF UTILITIES, RESTORATION OF EXISTING STREET IMPROVEMENTS, COORDINATION OF WORK, TRAFFIC CONTROLS AND ALL ASSOCIATED WORK NEEDED TO COMPLETE THIS REQUIREMENT.
9. DRILL AND DOWEL #4'S AT 24" O.C. INTO EXISTING CURB, GUTTERS, DRIVEWAYS AND SIDEWALKS.
10. SEE CALTRANS STANDARD PLAN A88A AND A88B FOR CURB RAMP DETAILS.



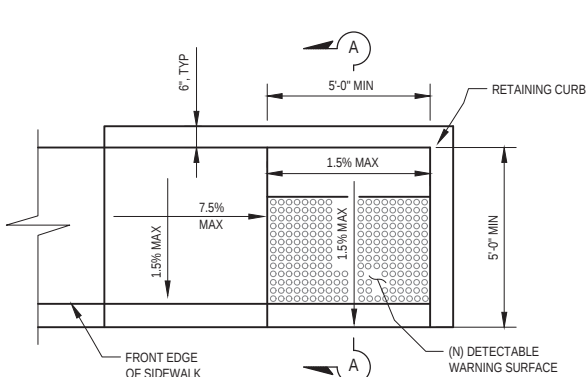
PLAN VIEW



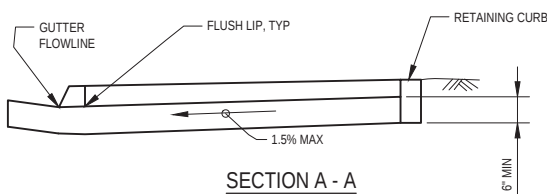
SECTION A - A

STANDARD CURB RAMP DETAIL - CASE C

SCALE: NTS



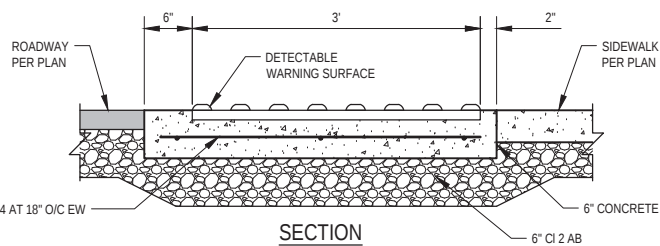
PLAN VIEW



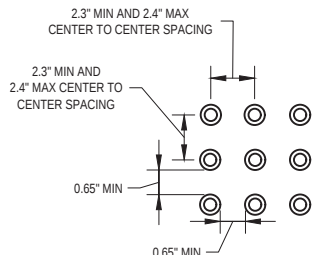
SECTION A - A

STANDARD CURB RAMP DETAIL - CASE CH

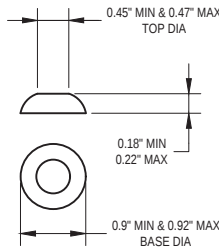
SCALE: NTS



SECTION



RAISED TRUNCATED  
DOME PATTERN (IN-LINE)



RAISED TRUNCATED DOME

NOTES:

1. CURB RAMPS SHALL HAVE A DETECTABLE WARNING SURFACE THAT EXTENDS THE FULL WIDTH AND 3'-0" DEPTH OF RAMP. SEE RAMP DETAILS ON THIS SHEET FOR DETECTABLE WARNING LAYOUT.
2. THE EDGE OF THE DETECTABLE WARNING SHALL BE BETWEEN 6" AND 8" AWAY FROM THE STREET GUTTER FLOWLINE EXCEPT FOR PARALLEL RAMP CONSTRUCTION, WHERE THE DETECTABLE WARNING SURFACE SHALL BE BETWEEN 0" AND 2" AWAY FROM THE STREET GUTTER FLOWLINE.
3. DETECTABLE WARNING SHALL BE A PREFORMED MATERIAL AS APPROVED BY THE ENGINEER.
4. DETECTABLE WARNING SURFACES FOR NEW RAMPS AND BLENDED TRANSITIONS SHALL BE CAST-IN-PLACE.
5. TRANSITIONS TO WALKS, GUTTERS, OR STREETS SHALL BE FREE OF ABRUPT CHANGES.

DETECTABLE WARNING SURFACE

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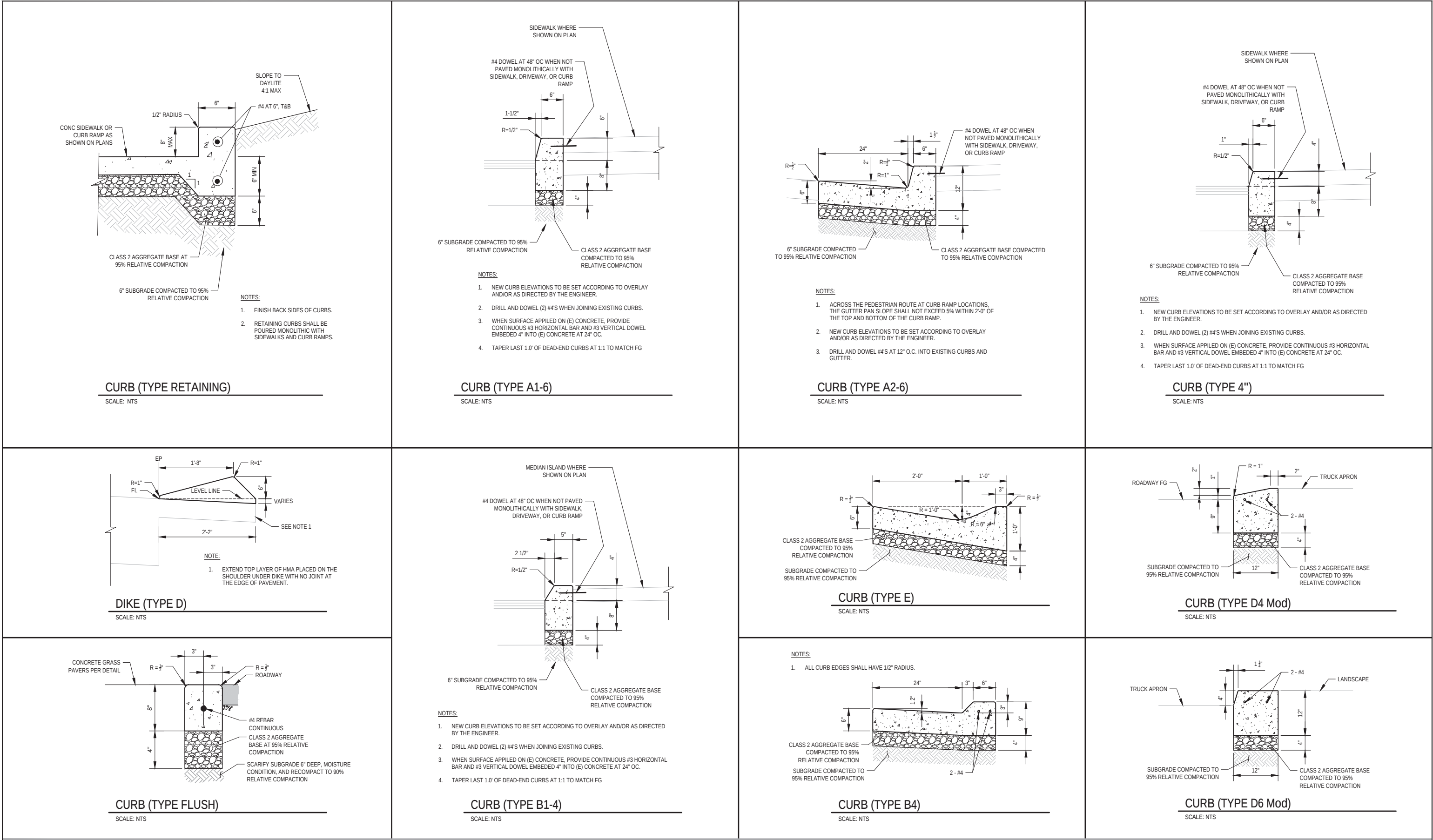


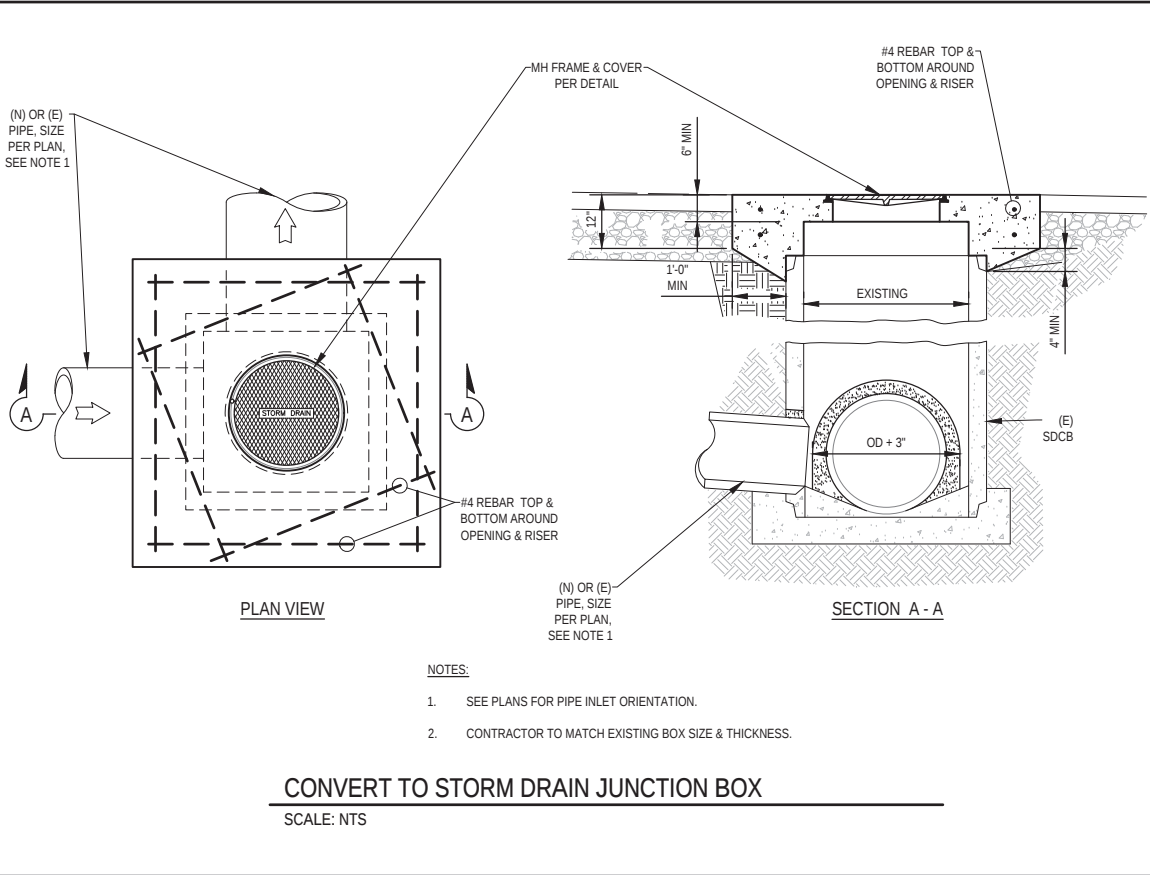
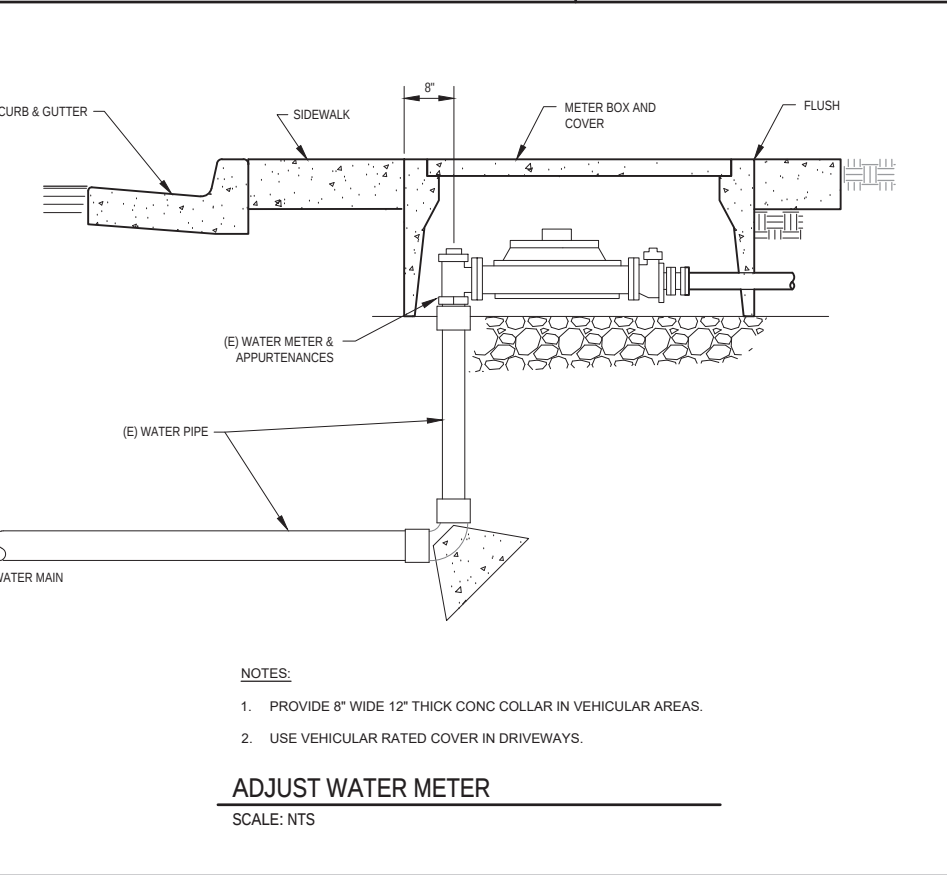
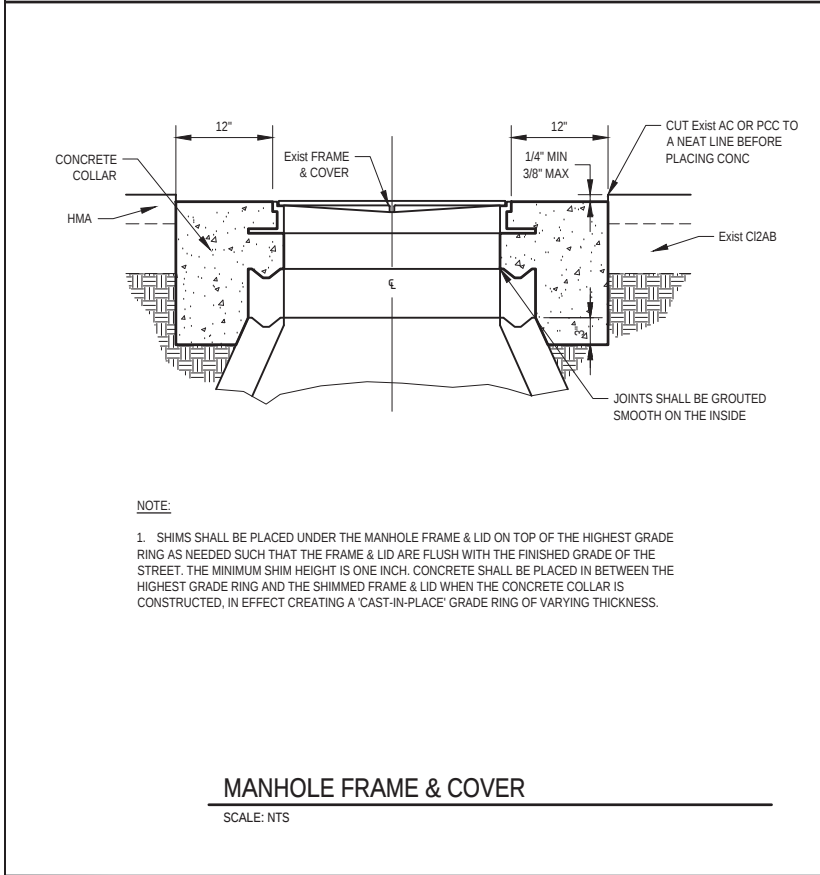
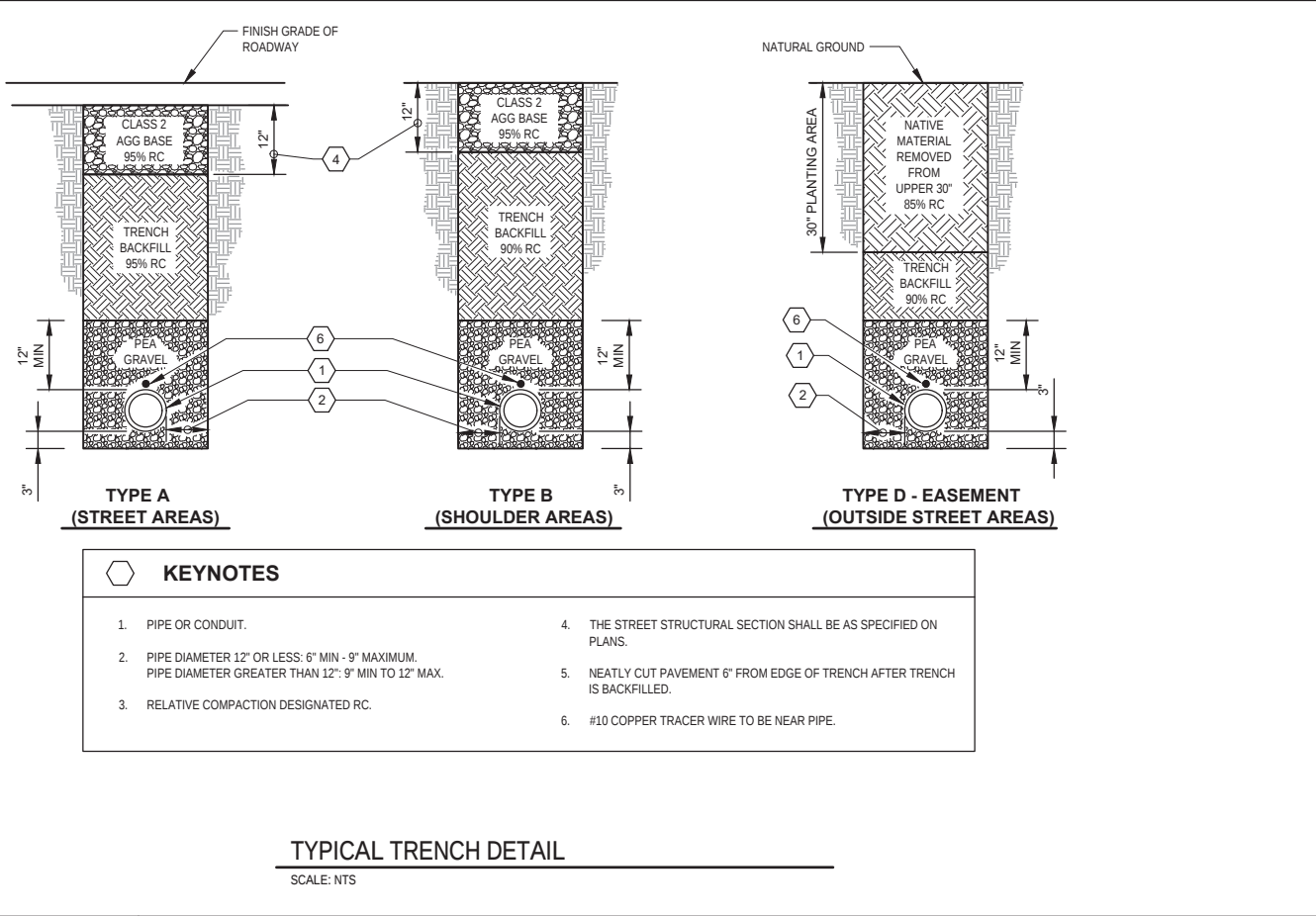
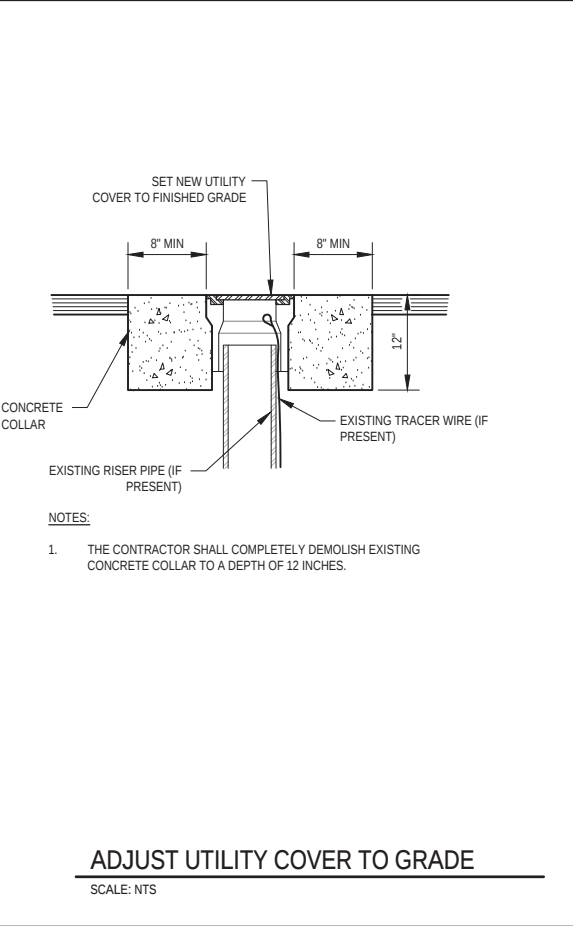
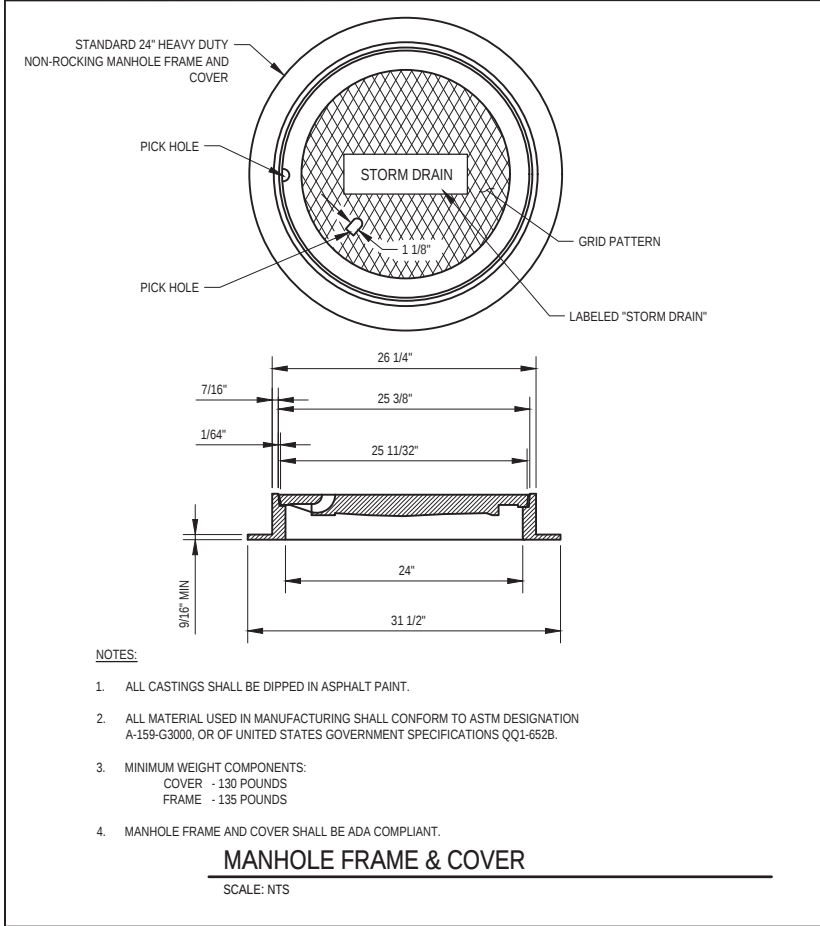
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| Drafting Check                                                                              | J. WOLF  | Design Check | J. WOLF   |
| Project Manager                                                                             | J. WOLF  | Date         | 1/23/2023 |
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Client CITY OF ARCATA  
Project OLD ARCATA ROAD IMPROVEMENTS  
Title CONSTRUCTION DETAILS 1 OF 8

Project No. 11159130  
ANSI D Sheet No. C-501





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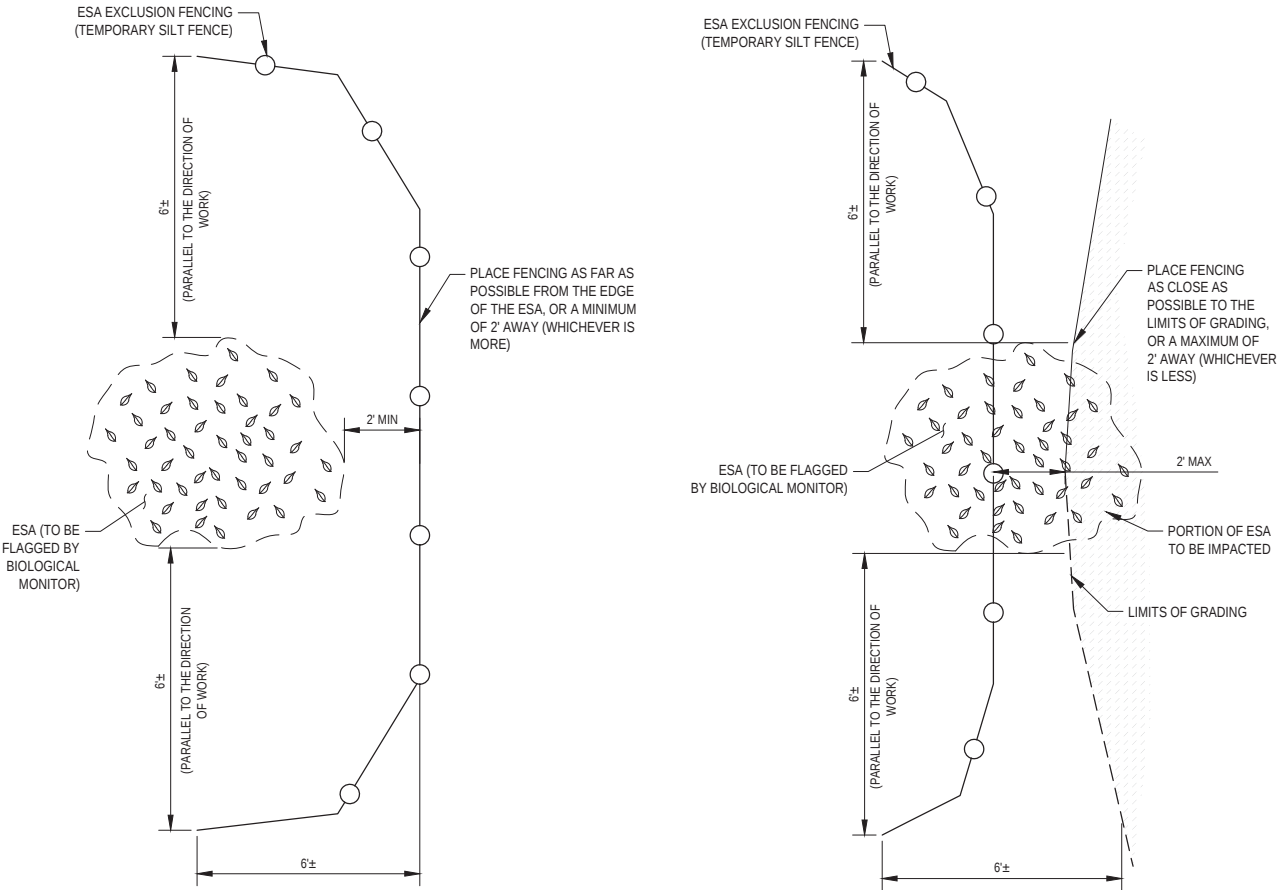
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|---------------------------------------------------------------------------------------------|----------------------|-------------------------------------------------------------------------------------------------------------|
| Drawn C. PENNY                                                                              | Designer C. PENNY    | Client<br>Project<br>Title<br>CITY OF ARCATA<br>OLD ARCATA ROAD IMPROVEMENTS<br>CONSTRUCTION DETAILS 3 OF 8 |
| Drafting Check J. WOLF                                                                      | Design Check J. WOLF |                                                                                                             |
| Project Manager J. WOLF                                                                     | Date 1/23/2023       | Project No. 11159130                                                                                        |
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Sheet 52 of 61



WORKING ADJACENT TO ESA

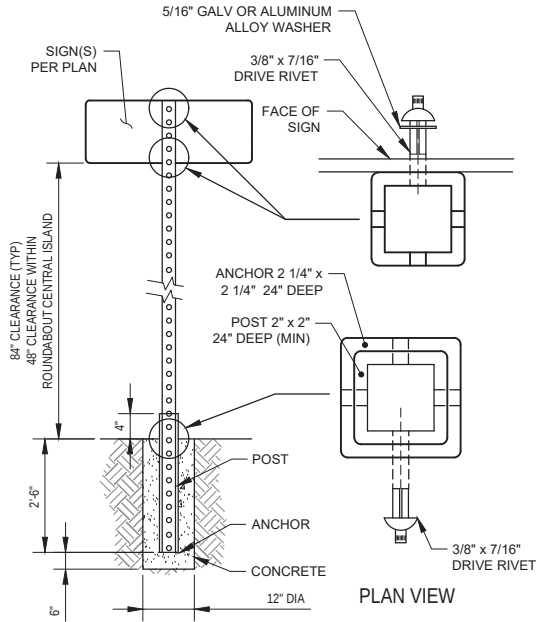
WORKING WITHIN ESA

NOTE:

WHERE REQUIRED FOR THE INSTALLATION OF ESA EXCLUSION FENCING VEGETATION SHALL BE CAREFULLY TRIMMED AS APPROVED BY ENGINEER.

ESA EXCLUSION FENCING

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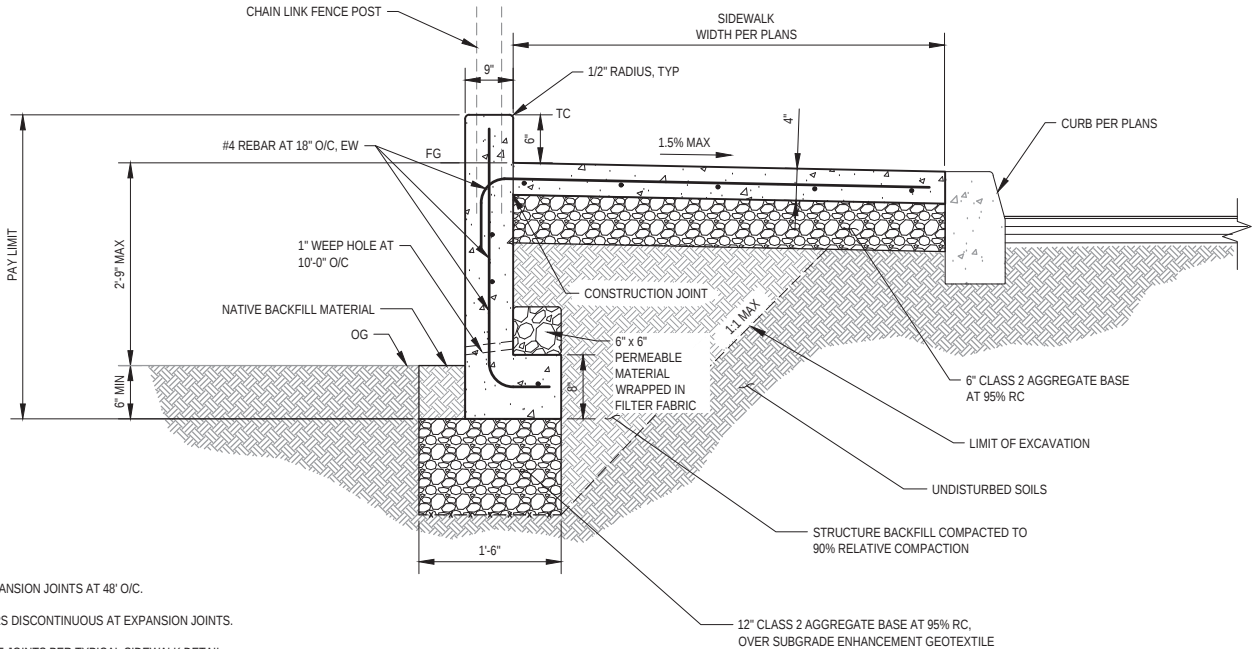


NOTES:

1. PROVIDE 48\"/>
2. SIGN PANELS SHALL NOT ENCR OACH PAST CURB FACE.

TYPICAL ROADSIDE SIGN

SCALE: NTS



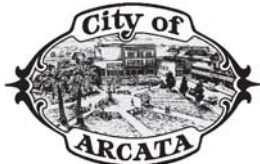
NOTES:

1. 1/2\"/>
2. ALL BARS DISCONTINUOUS AT EXPANSION JOINTS.
3. PROVIDE JOINTS PER TYPICAL SIDEWALK DETAIL.
4. MINIMUM ALLOWABLE CONCRETE SLOPES SHALL BE 1.0%.

SIDEWALK WITH RETAINING FOOTING

SCALE: NTS

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| Project Manager                                                                             | J. WOLF  | Date         | 1/23/2023 |
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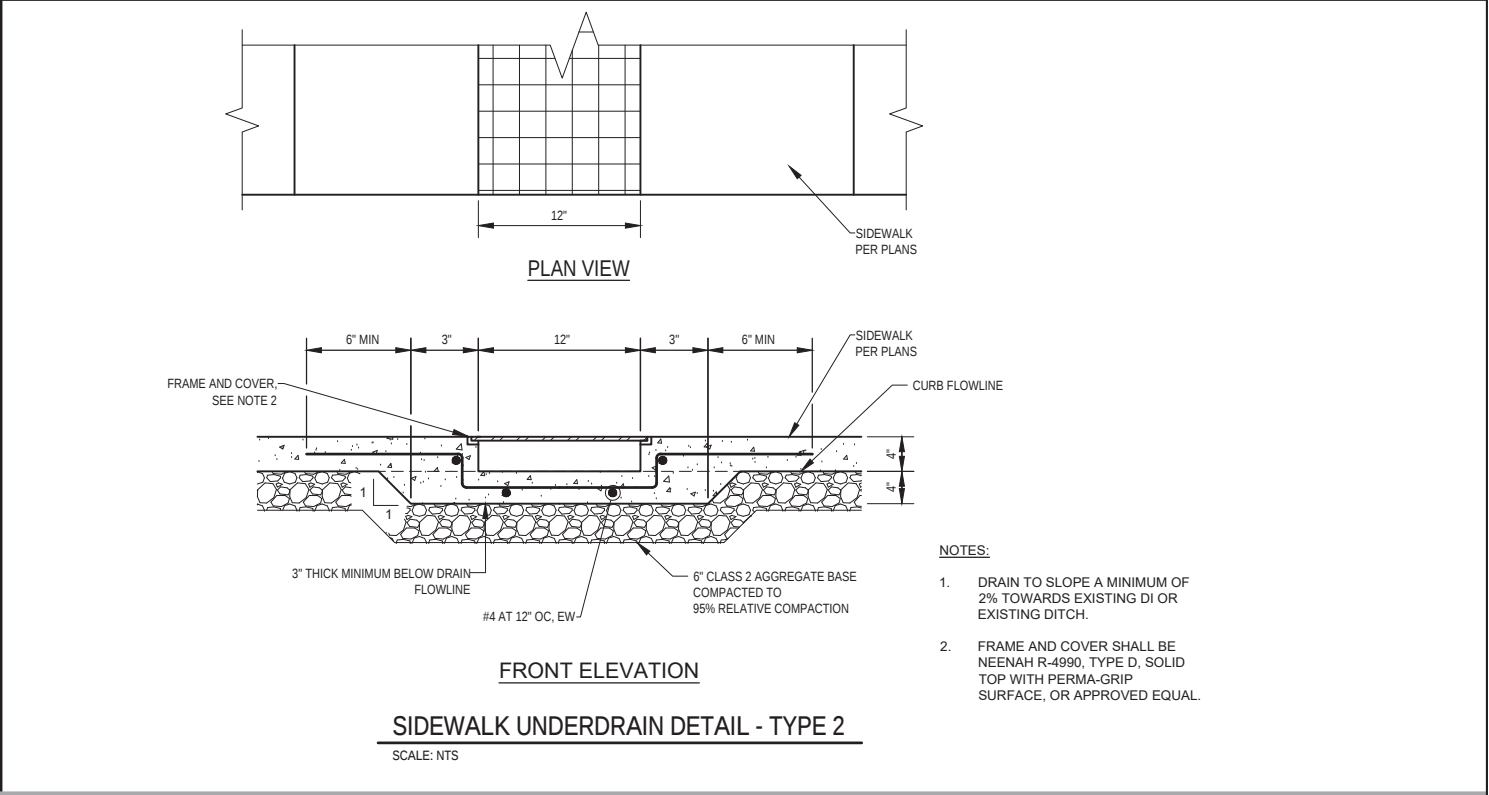
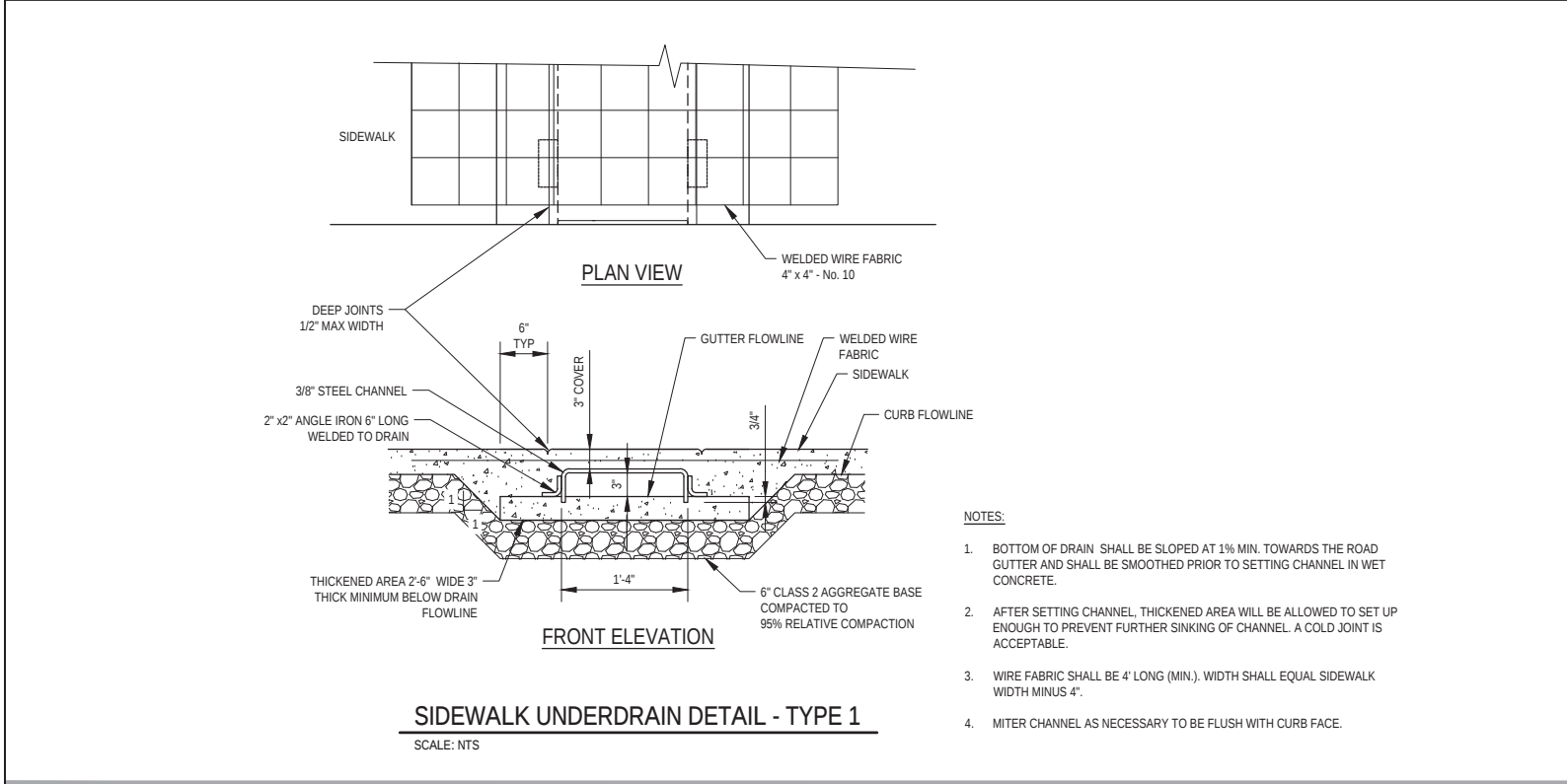
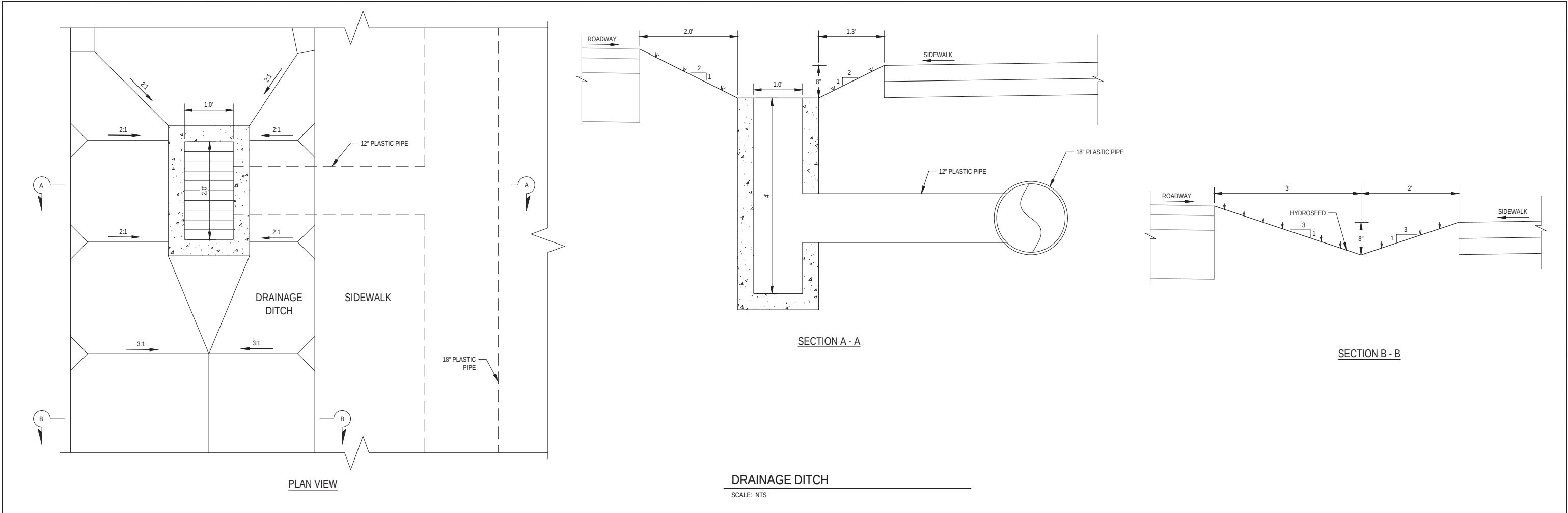
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| Project | OLD ARCATA ROAD IMPROVEMENTS |  |  |
| Title   | CONSTRUCTION DETAILS 5 OF 8  |  |  |

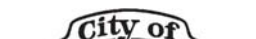
Project No. 11159130

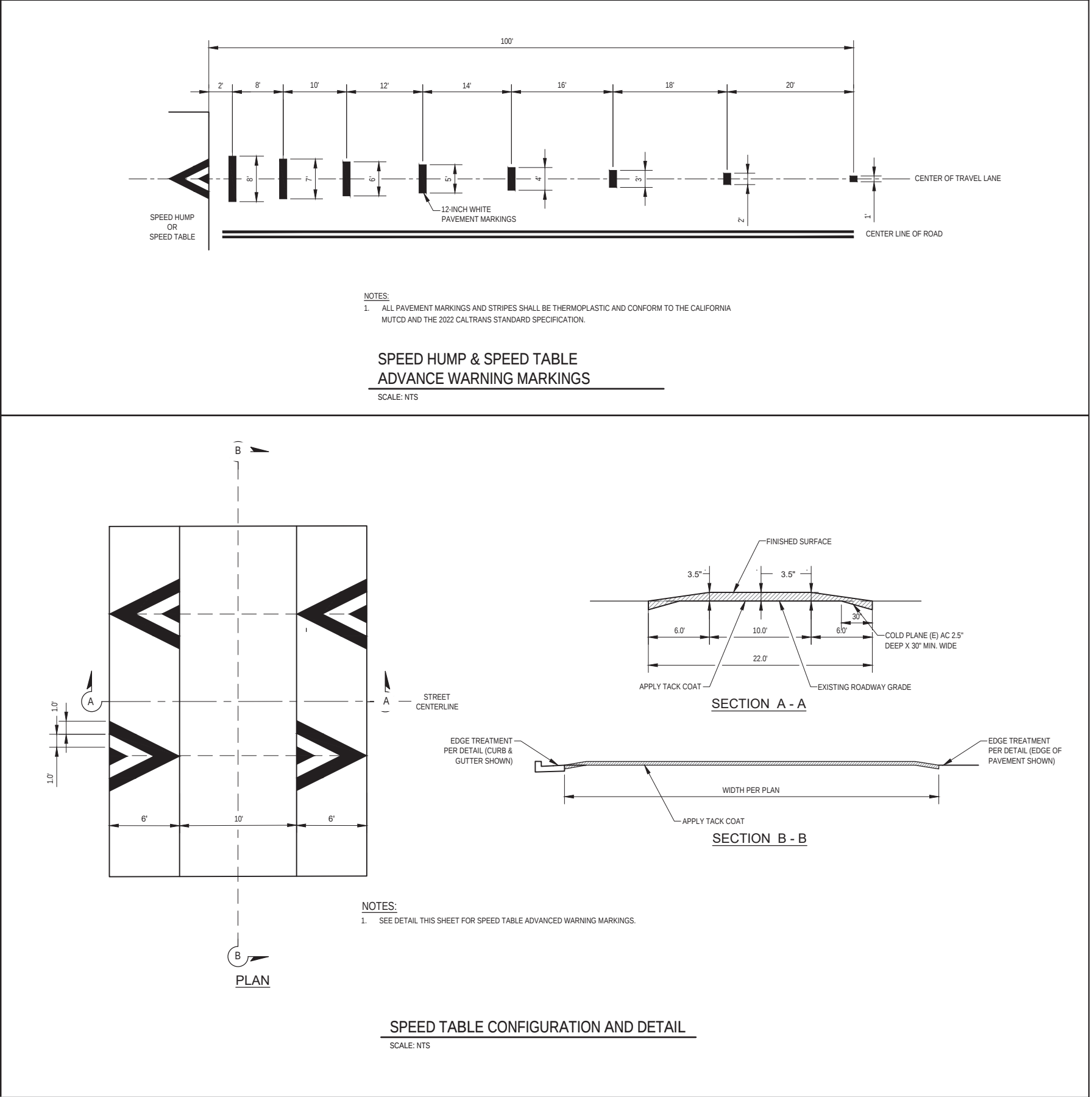
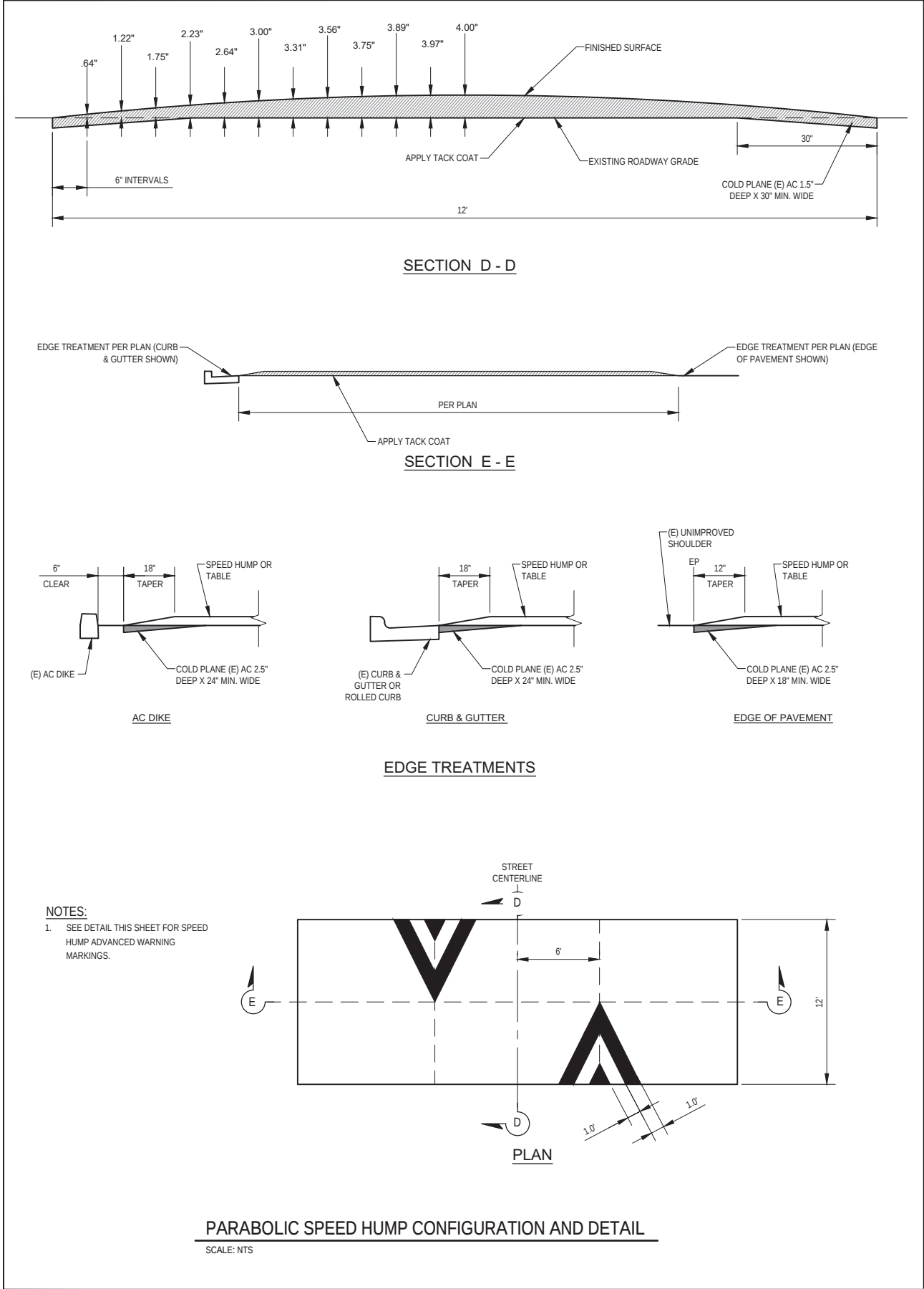
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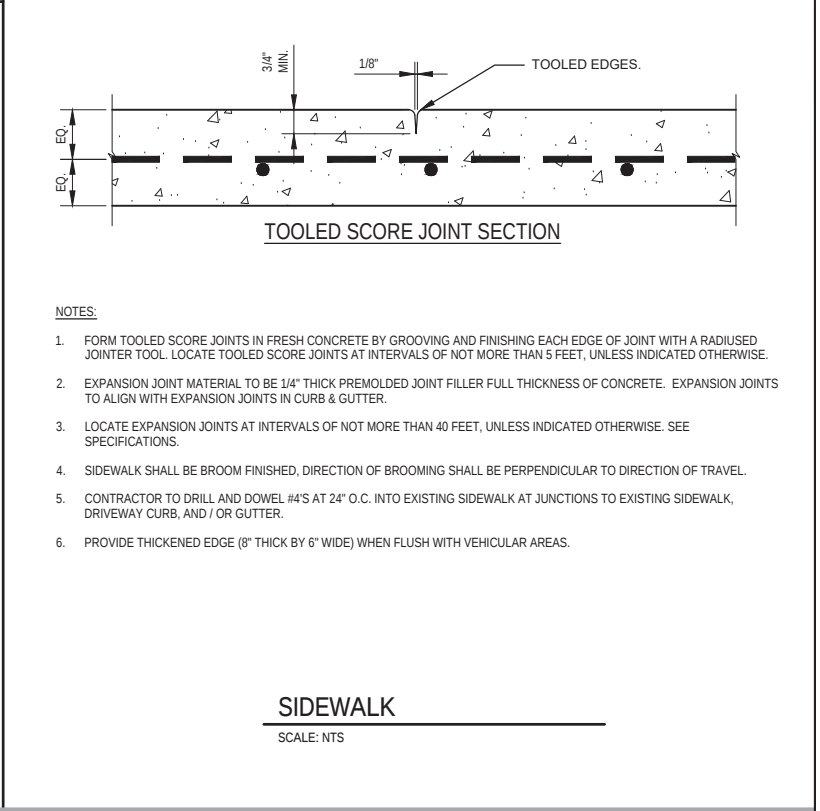
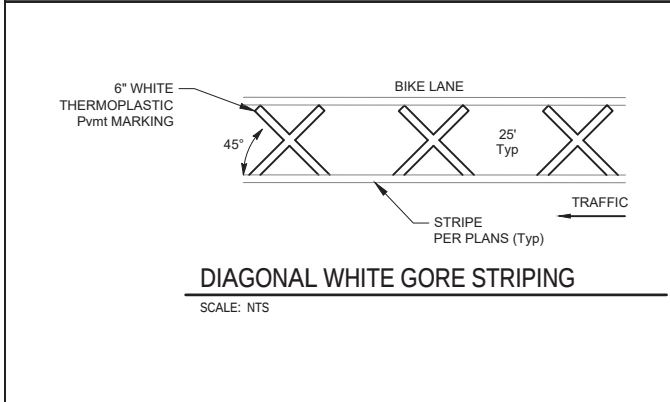
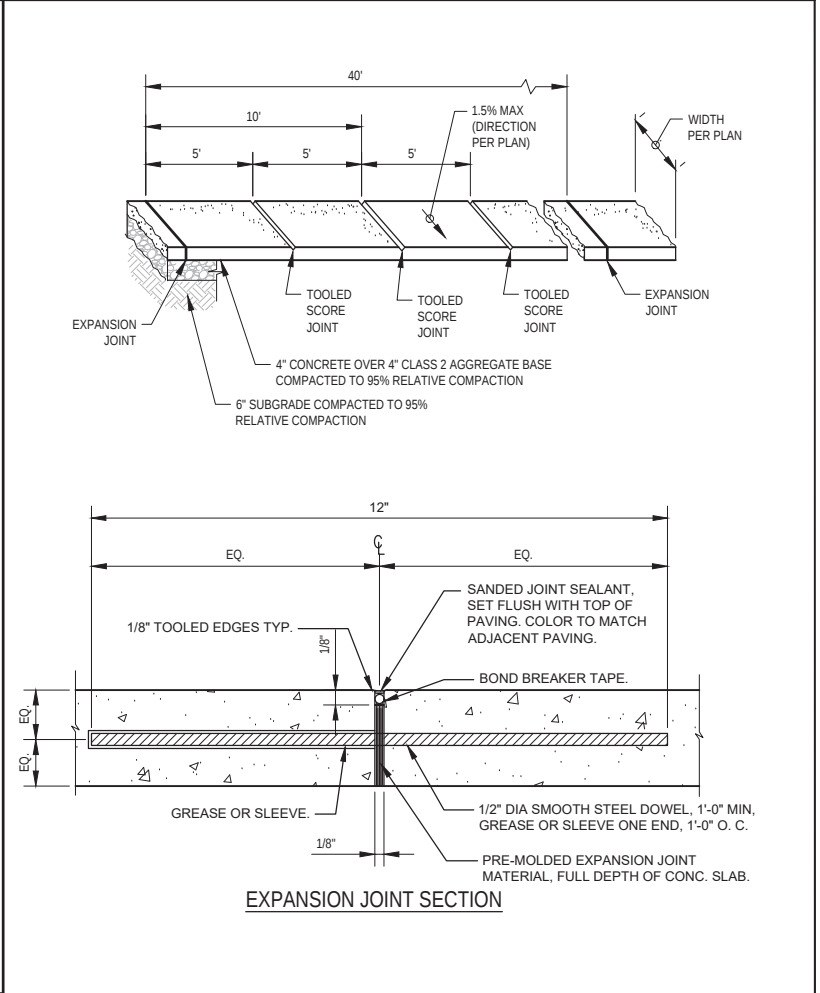
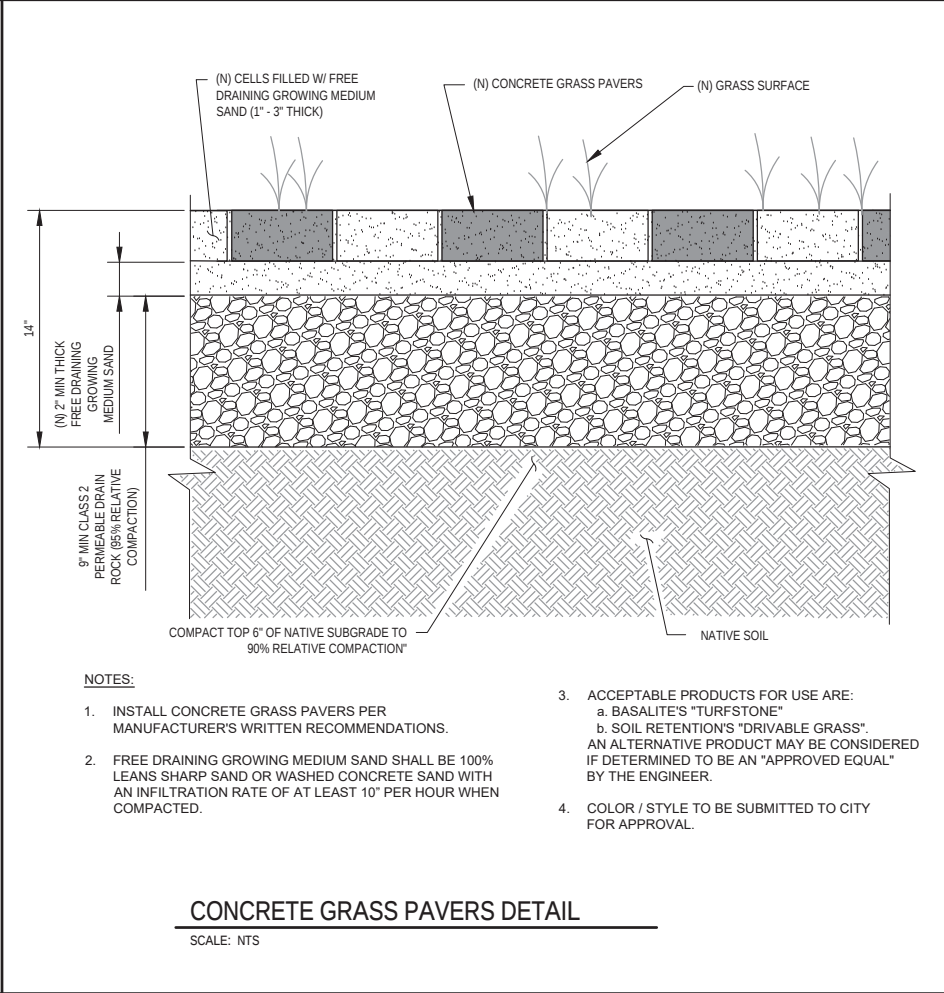
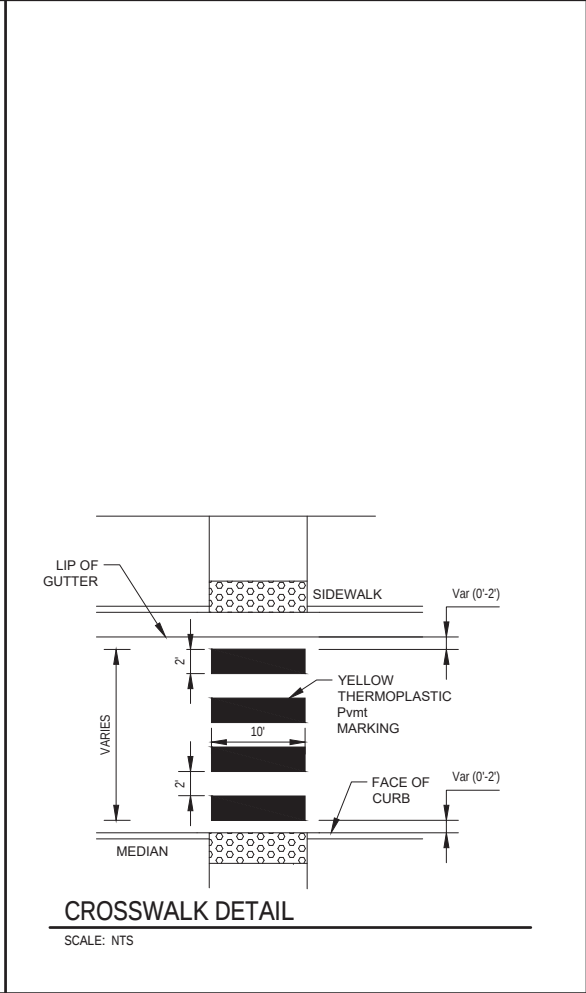
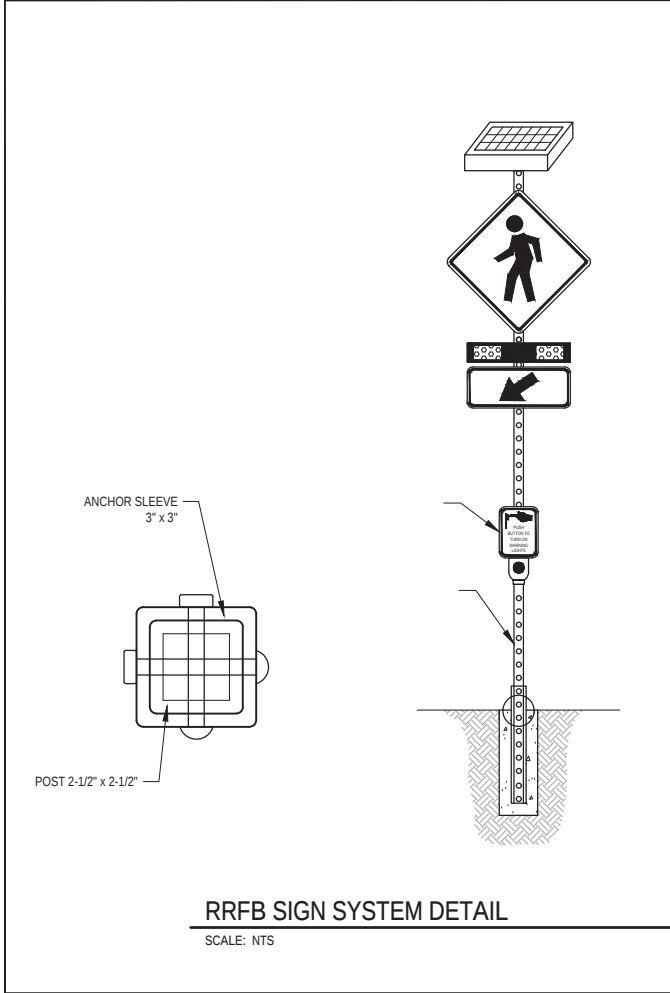
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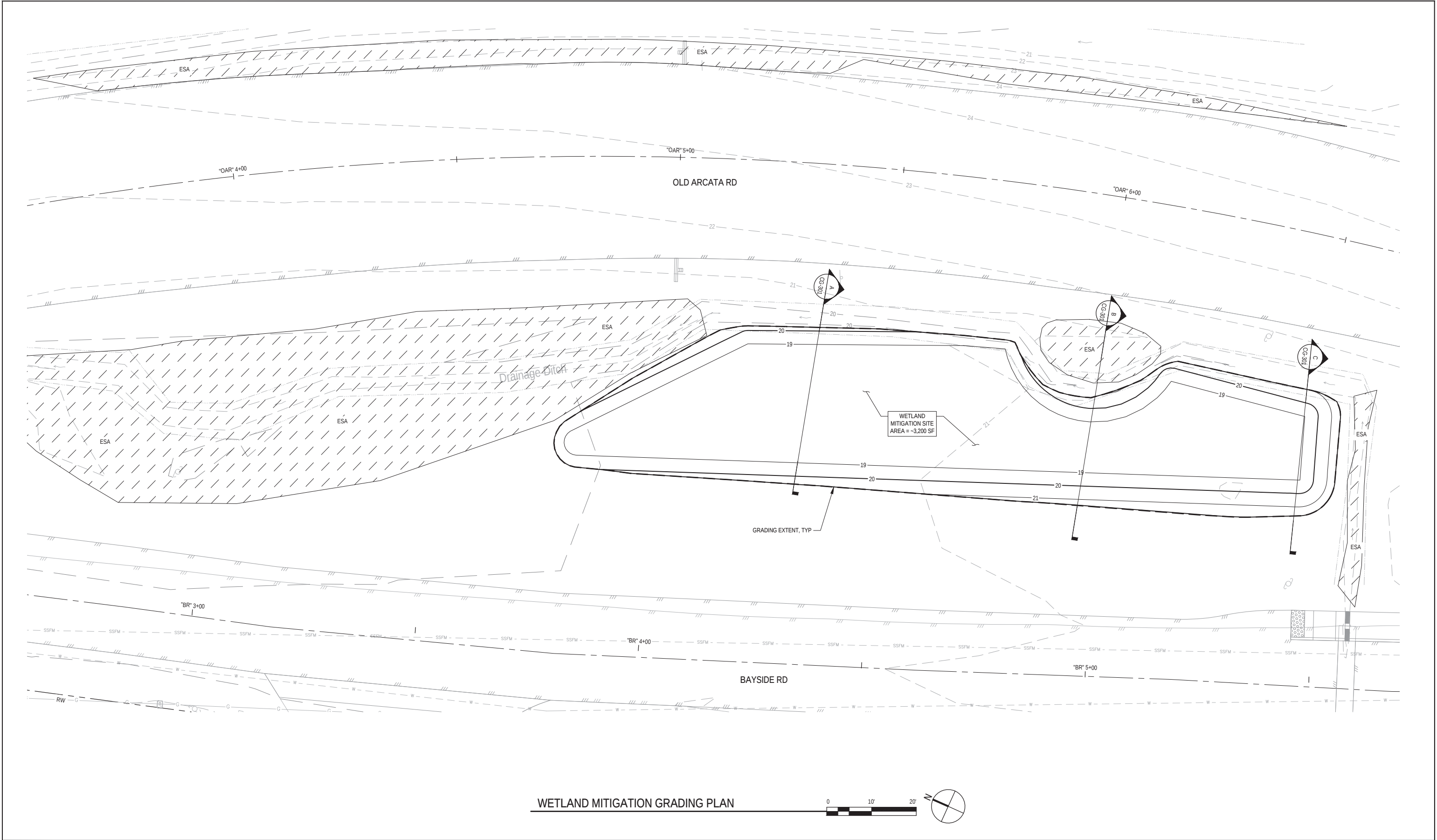
Sheet 53 of 61



|                                                                                             |                              |                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                       |                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                             |       |          |          |          |                |         |              |         |                 |         |      |           |                                                                                             |  |  |  |       |          |  |  |                                                                                                                                                                                                                                                                                                                                                                     |        |                |  |  |         |                              |  |  |       |                             |  |  |             |          |  |  |               |        |           |       |                |
|---------------------------------------------------------------------------------------------|------------------------------|--------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------|----------|----------|----------------|---------|--------------|---------|-----------------|---------|------|-----------|---------------------------------------------------------------------------------------------|--|--|--|-------|----------|--|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|----------------|--|--|---------|------------------------------|--|--|-------|-----------------------------|--|--|-------------|----------|--|--|---------------|--------|-----------|-------|----------------|
| <div>90% PLANS</div> <div>NOT FOR</div> <div>CONSTRUCTION</div>                             |                              |  | <div>Bar is one inch on original size sheet</div> <div>0  1"</div> <div>Reuse of Documents</div> <div>This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization.</div> <div>© 2023 GHD</div> |  |  <div>GHD Inc.<br/>718 Third Street<br/>Eureka California 95501 USA<br/>T 1 707 443 8326 F 1 707 444 8330 W www.ghd.com</div> | <table><tr><td>Drawn</td><td>C. PENNY</td><td>Designer</td><td>C. PENNY</td></tr><tr><td>Drafting Check</td><td>J. WOLF</td><td>Design Check</td><td>J. WOLF</td></tr><tr><td>Project Manager</td><td>J. WOLF</td><td>Date</td><td>1/23/2023</td></tr><tr><td colspan="4">This document shall not be used for construction unless signed and sealed for construction.</td></tr><tr><td>Scale</td><td colspan="3">AS SHOWN</td></tr></table> | Drawn | C. PENNY | Designer | C. PENNY | Drafting Check | J. WOLF | Design Check | J. WOLF | Project Manager | J. WOLF | Date | 1/23/2023 | This document shall not be used for construction unless signed and sealed for construction. |  |  |  | Scale | AS SHOWN |  |  | <table><tr><td>Client</td><td colspan="3">CITY OF ARCATA</td></tr><tr><td>Project</td><td colspan="3">OLD ARCATA ROAD IMPROVEMENTS</td></tr><tr><td>Title</td><td colspan="3">CONSTRUCTION DETAILS 6 OF 8</td></tr><tr><td>Project No.</td><td colspan="3">11159130</td></tr><tr><td>Original Size</td><td>ANSI D</td><td>Sheet No.</td><td>C-506</td></tr></table> | Client | CITY OF ARCATA |  |  | Project | OLD ARCATA ROAD IMPROVEMENTS |  |  | Title | CONSTRUCTION DETAILS 6 OF 8 |  |  | Project No. | 11159130 |  |  | Original Size | ANSI D | Sheet No. | C-506 | Sheet 54 of 61 |
| Drawn                                                                                       | C. PENNY                     | Designer                                                                             | C. PENNY                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                       |                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                             |       |          |          |          |                |         |              |         |                 |         |      |           |                                                                                             |  |  |  |       |          |  |  |                                                                                                                                                                                                                                                                                                                                                                     |        |                |  |  |         |                              |  |  |       |                             |  |  |             |          |  |  |               |        |           |       |                |
| Drafting Check                                                                              | J. WOLF                      | Design Check                                                                         | J. WOLF                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                       |                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                             |       |          |          |          |                |         |              |         |                 |         |      |           |                                                                                             |  |  |  |       |          |  |  |                                                                                                                                                                                                                                                                                                                                                                     |        |                |  |  |         |                              |  |  |       |                             |  |  |             |          |  |  |               |        |           |       |                |
| Project Manager                                                                             | J. WOLF                      | Date                                                                                 | 1/23/2023                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                       |                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                             |       |          |          |          |                |         |              |         |                 |         |      |           |                                                                                             |  |  |  |       |          |  |  |                                                                                                                                                                                                                                                                                                                                                                     |        |                |  |  |         |                              |  |  |       |                             |  |  |             |          |  |  |               |        |           |       |                |
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| Scale                                                                                       | AS SHOWN                     |                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                       |                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                             |       |          |          |          |                |         |              |         |                 |         |      |           |                                                                                             |  |  |  |       |          |  |  |                                                                                                                                                                                                                                                                                                                                                                     |        |                |  |  |         |                              |  |  |       |                             |  |  |             |          |  |  |               |        |           |       |                |
| Client                                                                                      | CITY OF ARCATA               |                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                       |                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                             |       |          |          |          |                |         |              |         |                 |         |      |           |                                                                                             |  |  |  |       |          |  |  |                                                                                                                                                                                                                                                                                                                                                                     |        |                |  |  |         |                              |  |  |       |                             |  |  |             |          |  |  |               |        |           |       |                |
| Project                                                                                     | OLD ARCATA ROAD IMPROVEMENTS |                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                       |                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                             |       |          |          |          |                |         |              |         |                 |         |      |           |                                                                                             |  |  |  |       |          |  |  |                                                                                                                                                                                                                                                                                                                                                                     |        |                |  |  |         |                              |  |  |       |                             |  |  |             |          |  |  |               |        |           |       |                |
| Title                                                                                       | CONSTRUCTION DETAILS 6 OF 8  |                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                       |                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                             |       |          |          |          |                |         |              |         |                 |         |      |           |                                                                                             |  |  |  |       |          |  |  |                                                                                                                                                                                                                                                                                                                                                                     |        |                |  |  |         |                              |  |  |       |                             |  |  |             |          |  |  |               |        |           |       |                |
| Project No.                                                                                 | 11159130                     |                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                       |                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                             |       |          |          |          |                |         |              |         |                 |         |      |           |                                                                                             |  |  |  |       |          |  |  |                                                                                                                                                                                                                                                                                                                                                                     |        |                |  |  |         |                              |  |  |       |                             |  |  |             |          |  |  |               |        |           |       |                |
| Original Size                                                                               | ANSI D                       | Sheet No.                                                                            | C-506                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                       |                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                             |       |          |          |          |                |         |              |         |                 |         |      |           |                                                                                             |  |  |  |       |          |  |  |                                                                                                                                                                                                                                                                                                                                                                     |        |                |  |  |         |                              |  |  |       |                             |  |  |             |          |  |  |               |        |           |       |                |



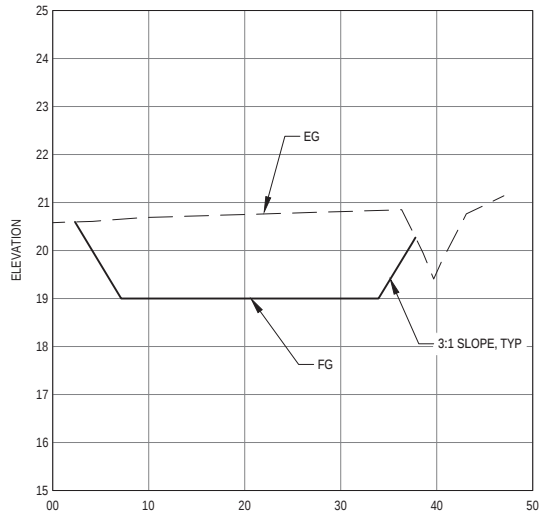




WETLAND MITIGATION GRADING PLAN

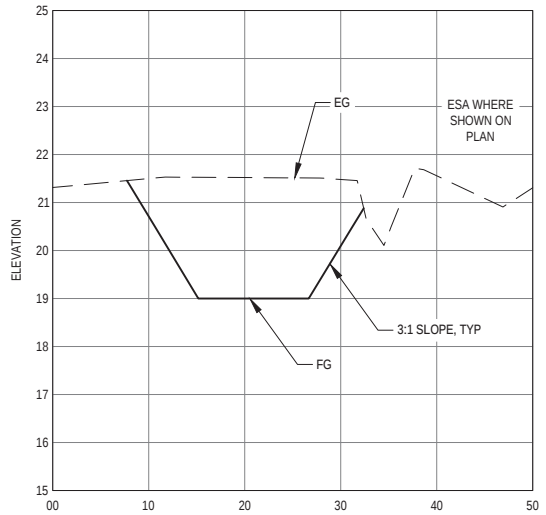


|                                      |                                                                                      |                                                                                                                                                                                                                                                                          |                                                                                       |                                                                                                                                                                                                         |                      |                   |                                                                                                        |                      |                         |                  |                |                |                                                                                             |  |  |  |  |  |
|--------------------------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|-------------------|--------------------------------------------------------------------------------------------------------|----------------------|-------------------------|------------------|----------------|----------------|---------------------------------------------------------------------------------------------|--|--|--|--|--|
| 90% PLANS<br>NOT FOR<br>CONSTRUCTION |  | <div>Bar is one inch on<br/>original size sheet</div> <div>0  1"</div>                                                                                                              |  | <br>GHD Inc.<br>718 Third Street<br>Eureka California 95501 USA<br>T 1 707 443 8326 F 1 707 444 8330 W www.ghd.com | Drawn C. PENNY       | Designer C. PENNY | Client CITY OF ARCATA<br>Project OLD ARCATA ROAD IMPROVEMENTS<br>Title WETLAND MITIGATION GRADING PLAN | Project No. 11159130 | Original Size<br>ANSI D | Sheet No. CG-103 | Sheet 57 of 61 |                |                                                                                             |  |  |  |  |  |
|                                      |                                                                                      | Drafting Check J. WOLF                                                                                                                                                                                                                                                   |                                                                                       |                                                                                                                                                                                                         | Design Check J. WOLF |                   |                                                                                                        |                      |                         |                  |                |                |                                                                                             |  |  |  |  |  |
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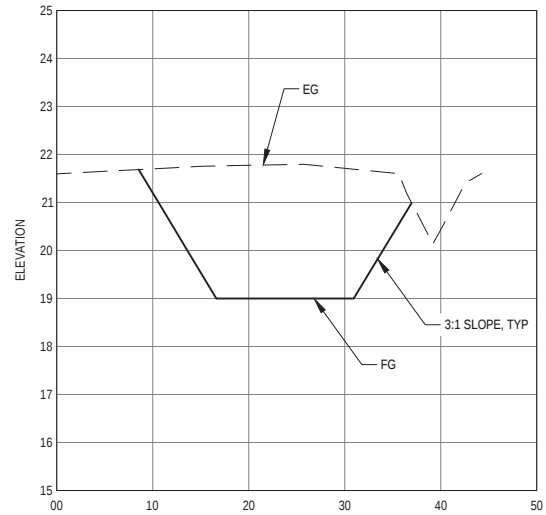
SECTION A

0 10' 20' HORIZONTAL  
0 2' 4' VERTICAL



SECTION B

0 10' 20' HORIZONTAL  
0 2' 4' VERTICAL



SECTION C

0 10' 20' HORIZONTAL  
0 2' 4' VERTICAL

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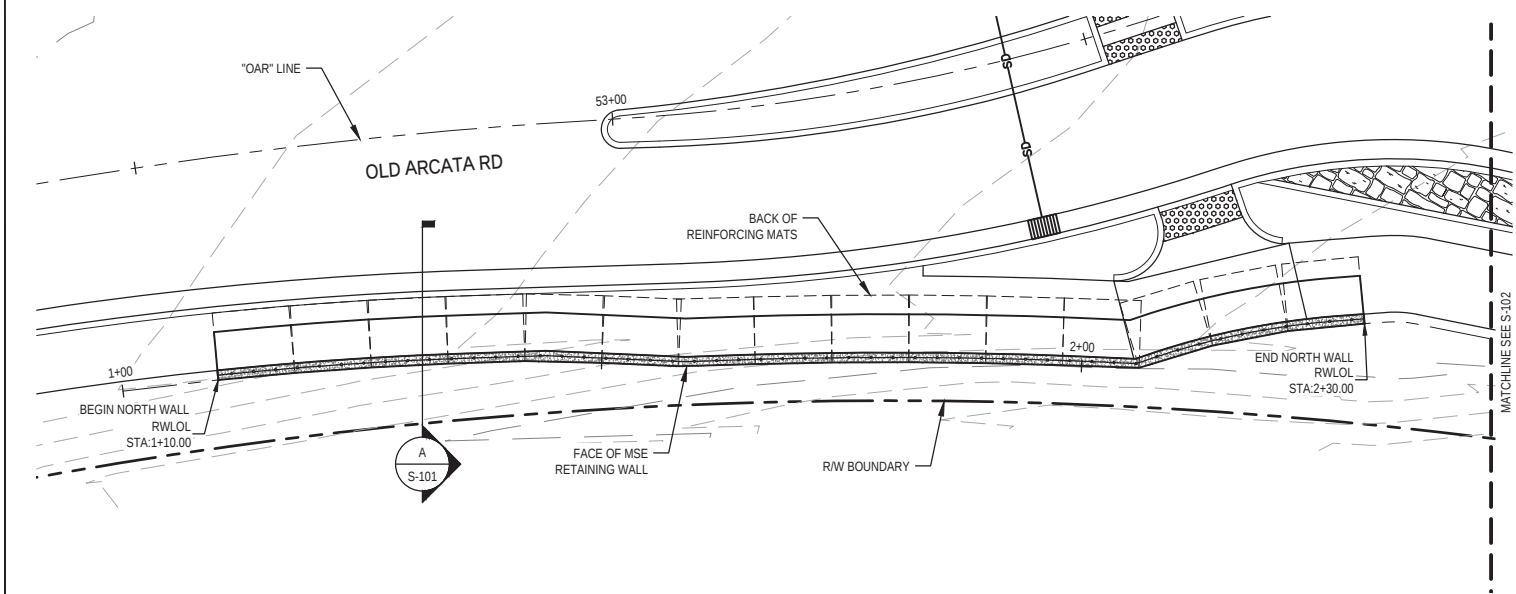
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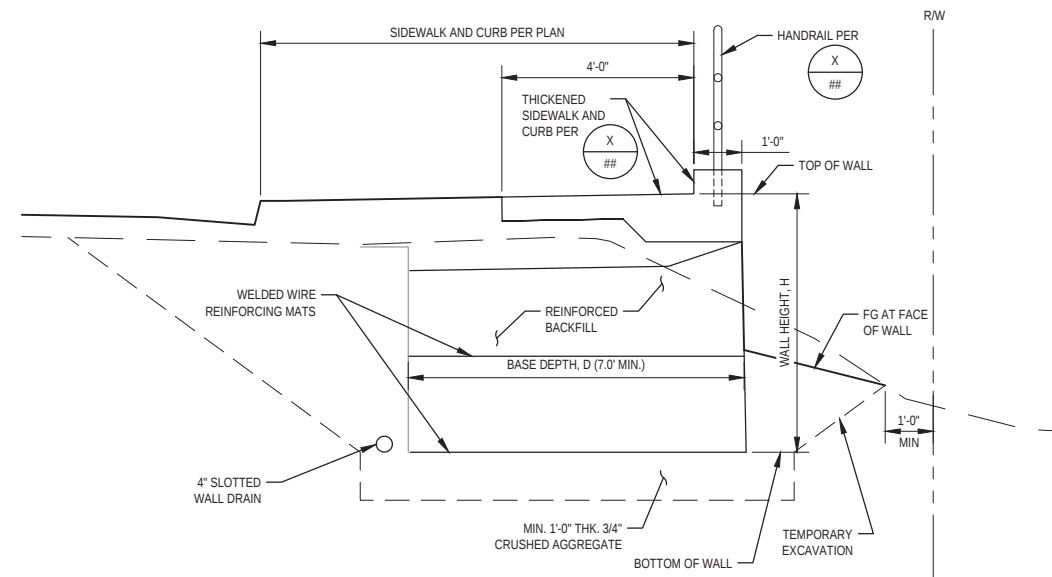
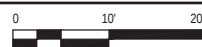
|                                                                                             |          |              |           |
|---------------------------------------------------------------------------------------------|----------|--------------|-----------|
| Drawn                                                                                       | C. PENNY | Designer     | C. PENNY  |
| Drafting Check                                                                              | J. WOLF  | Design Check | J. WOLF   |
| Project Manager                                                                             | J. WOLF  | Date         | 1/23/2023 |
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| Client        | CITY OF ARCATA                    |           |          |
| Project       | OLD ARCATA ROAD IMPROVEMENTS      |           |          |
| Title         | WETLAND MITIGATION CROSS SECTIONS |           |          |
| Project No.   | 11159130                          |           |          |
| Original Size | ANSI D                            | Sheet No. | CG-301   |
|               |                                   | Sheet     | 58 of 61 |



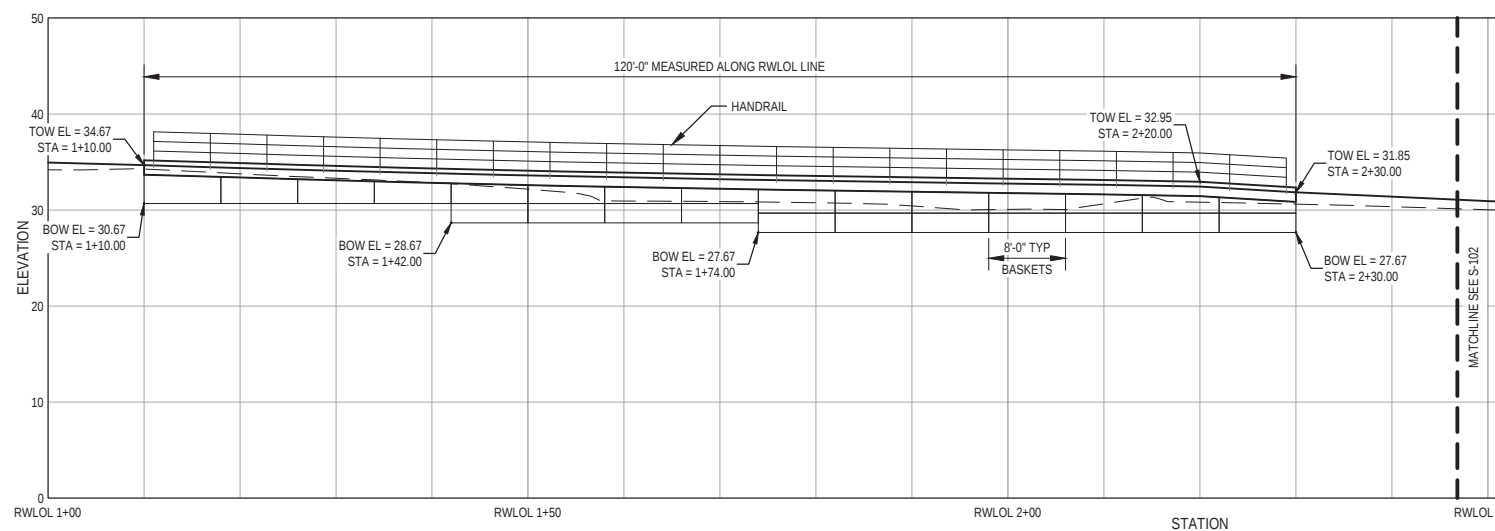
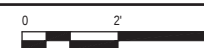
NORTH MSE RETAINING WALL - PLAN

SCALE: 1" = 10'-0"



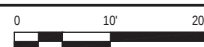
MSE RETAINING WALL - TYPICAL SECTION

SCALE: 1" = 2'-0"



NORTH MSE RETAINING WALL - ELEVATION

SCALE: 1" = 10'-0"



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0 10 20

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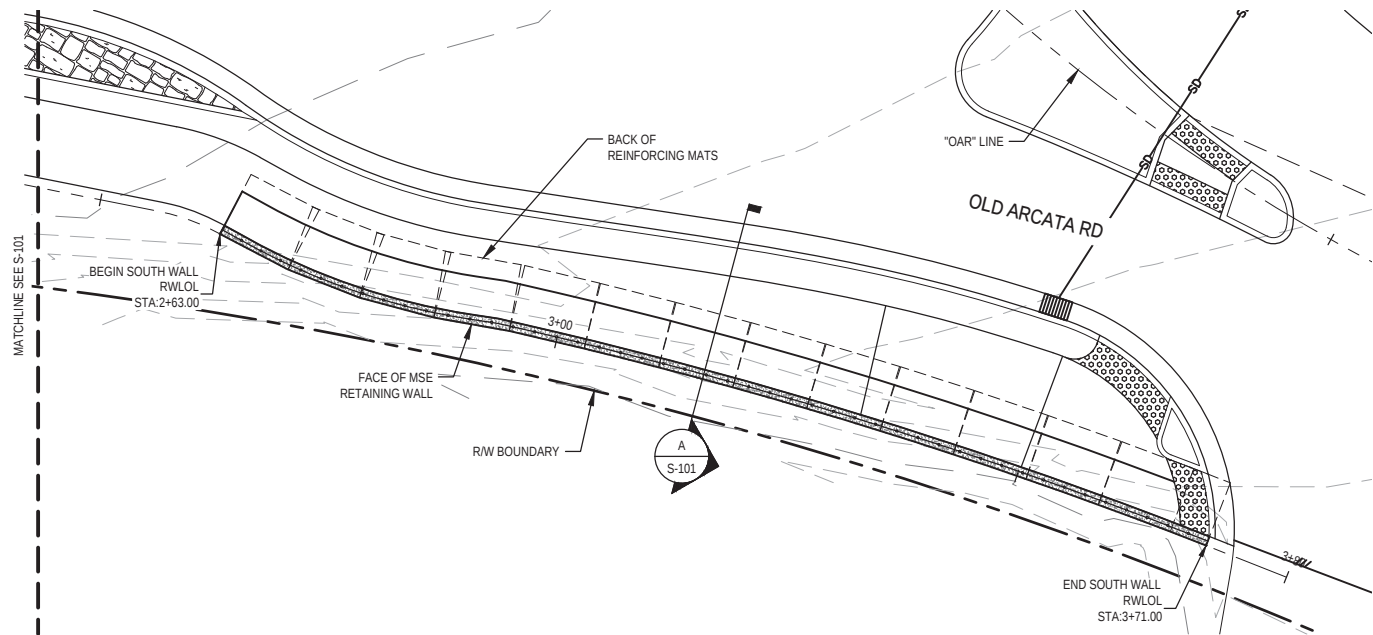
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| Drawn                                                                                       | S. GOULD | Designer     | S. GOULD  |
| Drafting Check                                                                              | J. WOLF  | Design Check | J. WOLF   |
| Project Manager                                                                             | J. WOLF  | Date         | 1/23/2023 |
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Client CITY OF ARCATA  
Project OLD ARCATA ROAD IMPROVEMENTS  
Title RETAINING WALL LAYOUT 1 OF 2

Project No. 11159130

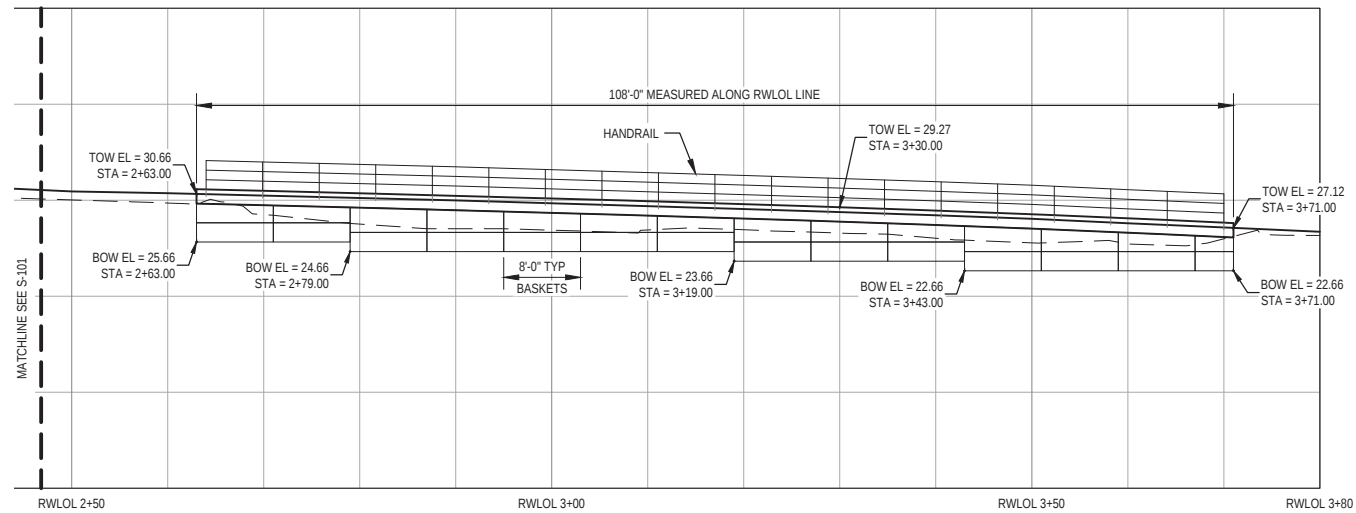
Original Size ANSI D  
Sheet No. S-101

Sheet 59 of 61



SOUTH MSE RETAINING WALL - PLAN

SCALE: 1" = 10'-0"



SOUTH MSE RETAINING WALL - ELEVATION

SCALE: 1" = 10'-0"



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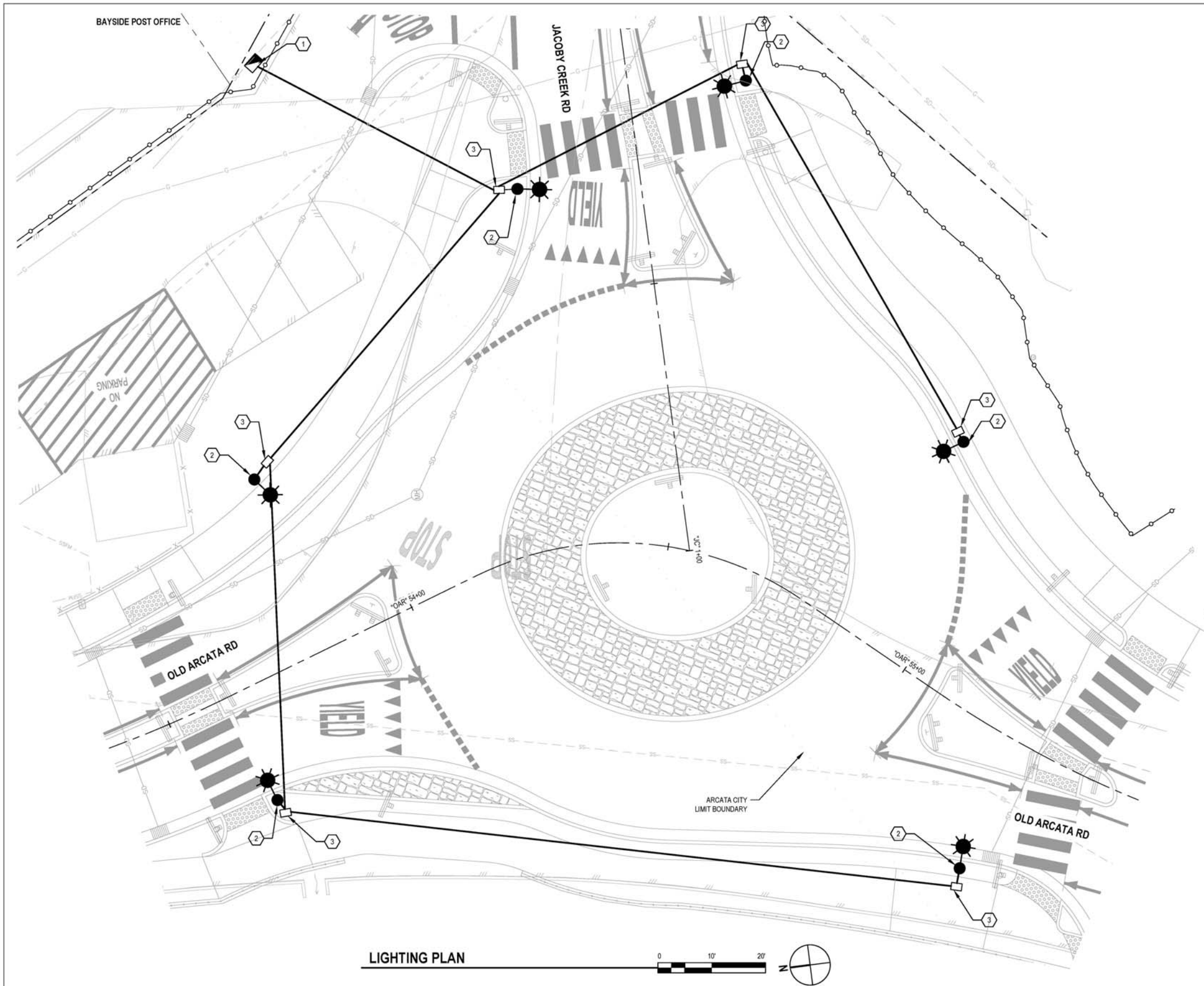
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| Drawn                                                                                       | S. GOULD | Designer     | S. GOULD  |
| Drafting Check                                                                              | J. WOLF  | Design Check | J. WOLF   |
| Project Manager                                                                             | J. WOLF  | Date         | 1/23/2023 |
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Client CITY OF ARCATA  
Project OLD ARCATA ROAD IMPROVEMENTS  
Title RETAINING WALL LAYOUT 2 OF 2

Project No. 11159130

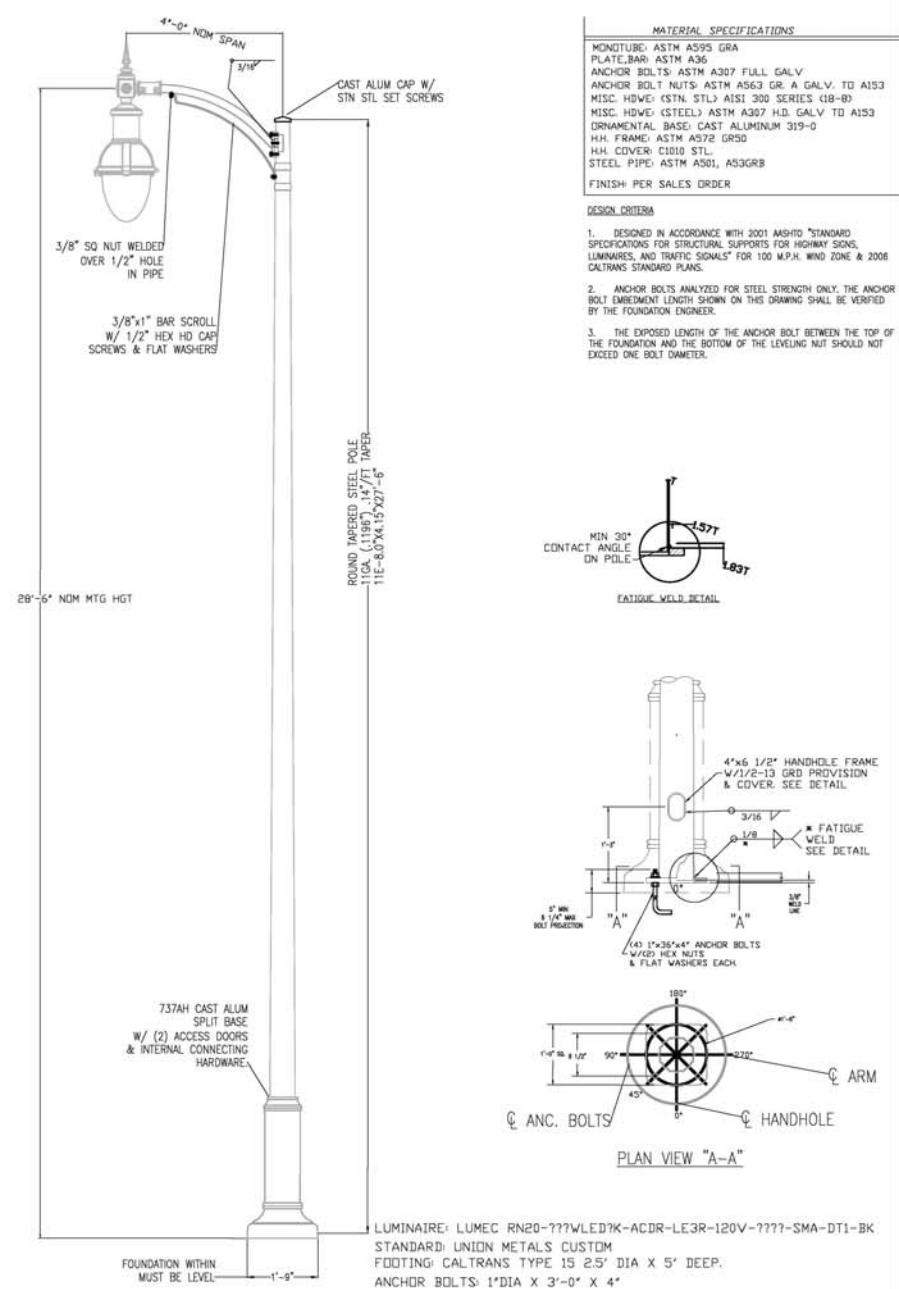
Original Size ANSI D  
Sheet No. S-102

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| SHEET KEYNOTES |                                                                                            |
|----------------|--------------------------------------------------------------------------------------------|
| 1.             | FURNISH AND INSTALL TYPE III-AF SERVICE PEDESTAL WITH 30A STREET LIGHTING CIRCUIT BREAKER. |
| 2.             | FURNISH AND INSTALL STREET LIGHT (TYPE TBD)                                                |
| 3.             | NO. 5 PULLBOX                                                                              |

| LEGEND |                              |
|--------|------------------------------|
|        | CONDUIT                      |
|        | STREET LIGHT POLE (TYPE TBD) |
|        | TYPE III-AF SERVICE PEDESTAL |



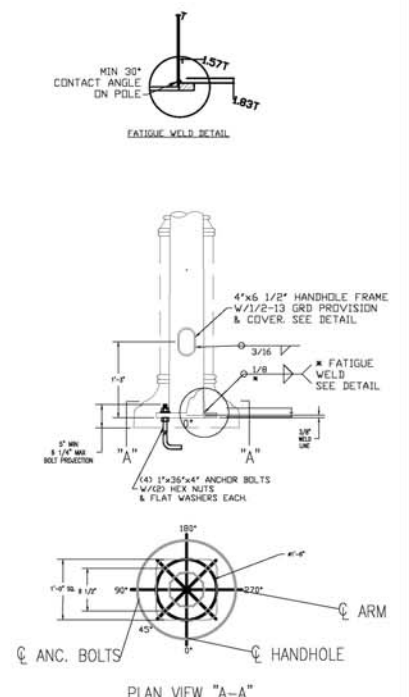
| MATERIAL SPECIFICATIONS |                               |
|-------------------------|-------------------------------|
| MONOTUBE                | ASTM A595 GRA                 |
| PLATE, BAR              | ASTM A36                      |
| ANCHOR BOLTS            | ASTM A307 FULL GALV           |
| ANCHOR BOLT NUTS        | ASTM A563 GR. A GALV. TO A153 |
| MISC. HDWE. (STN. STL.) | AISI 300 SERIES (18-8)        |
| MISC. HDWE. (STEEL)     | ASTM A307 H.D. GALV. TO A153  |
| ORNAMENTAL BASE         | CAST ALUMINUM 319-0           |
| H.H. FRAME              | ASTM A572 GR50                |
| H.H. COVER              | C1009 STL                     |
| STEEL PIPE              | ASTM A501, A53GRB             |
| FINISH: PER SALES ORDER |                               |

**DESIGN CRITERIA**

1. DESIGNED IN ACCORDANCE WITH 2001 AASHTO "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS" FOR 100 M.P.H. WIND ZONE & 2008 CALTRANS STANDARD PLANS.

2. ANCHOR BOLTS ANALYZED FOR STEEL STRENGTH ONLY. THE ANCHOR BOLT EMBEDMENT LENGTH SHOWN ON THIS DRAWING SHALL BE VERIFIED BY THE FOUNDATION ENGINEER.

3. THE EXPOSED LENGTH OF THE ANCHOR BOLT BETWEEN THE TOP OF THE FOUNDATION AND THE BOTTOM OF THE LEVELING NUT SHOULD NOT EXCEED ONE BOLT DIAMETER.



| SOLAR LIGHT ELEVATION |                              |
|-----------------------|------------------------------|
| NTS                   |                              |
| Client                | CITY OF ARCATA               |
| Project               | OLD ARCATA ROAD IMPROVEMENTS |
| Title                 | LIGHTING PLAN                |
| Project No.           | 11159130                     |
| Original Size         | ANSI D                       |
| Sheet No.             | E-101                        |

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|---------------------------------------------------------------------------------------------|----------|--------------|-----------|
| Drawn                                                                                       | C. PENNY | Designer     | C. PENNY  |
| Drafting Check                                                                              | J. WOLF  | Design Check | J. WOLF   |
| Project Manager                                                                             | J. WOLF  | Date         | 1/23/2023 |
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|        |           |       |
|--------|-----------|-------|
| ANSI D | Sheet No. | E-101 |
|--------|-----------|-------|

Sheet 61 of 61