

# **Yuma Union High School District**

## **Somerton High School**

**Somerton, Arizona**

## **Adjacent Ways Estimate**

**October 18th, 2021**



|  | 10/18/2021                  |  |                            |                           |                        |
|--|-----------------------------|--|----------------------------|---------------------------|------------------------|
|  |                             |  |                            |                           |                        |
|  | <b>Somerton High School</b> |  |                            |                           |                        |
|  | 1093 W Jefferson St         |  |                            |                           |                        |
|  | Somerton, Arizona 85350     |  |                            |                           |                        |
|  |                             |  |                            |                           |                        |
| Item                                       | Description Of Work         |  | Adjacent Ways -<br>OFFSITE | Adjacent Ways -<br>ONSITE | Total Adjacent<br>Ways |
| <b>DIVISION 01 - GENERAL REQUIREMENTS</b>  |                             |  |                            |                           |                        |
| 1  | General Requirements        |  | \$76,557                   | \$78,784                  | \$155,341              |
| <b>Division 02 - EXISTING CONDITIONS</b>   |                             |  |                            |                           |                        |
| 2  | Survey                      |  | \$24,500                   | \$24,000                  | \$48,500               |
| <b>DIVISION 26 - ELECTRICAL</b>            |                             |  |                            |                           |                        |
| 3  | Electrical Infrastructure   |  | \$153,700                  | \$0                       | \$153,700              |
| <b>DIVISION 31 - EARTHWORK</b>             |                             |  |                            |                           |                        |
| 4  | Demolition                  |  | \$10,000                   | \$0                       | \$10,000               |
| 5  | Earthwork Improvements      |  | \$199,334                  | \$81,957                  | \$281,291              |
| <b>DIVISION 32 - EXTERIOR IMPROVEMENTS</b> |                             |  |                            |                           |                        |
| 6  | Paving                      |  | \$412,781                  | \$618,772                 | \$1,031,553            |
| 7  | Pavement Markings           |  | \$25,000                   | \$20,971                  | \$45,971               |
| 8  | Site Concrete               |  | \$308,741                  | \$224,108                 | \$532,849              |
| 9  | Landscaping                 |  | \$155,000                  | \$0                       | \$155,000              |
| <b>DIVISION 33 - UTILITIES</b>             |                             |  |                            |                           |                        |
| 10   | Site Utilities              |  | \$211,915                  | \$425,220                 | \$637,135              |
| 11   | <b>Total</b>                |  | <b>\$1,577,528</b>         | <b>\$1,473,812</b>        | <b>\$3,051,340</b>     |
| 12   | Contractors Fee             |  | \$84,371                   | \$87,413                  | \$171,784              |
| 13   | Contractors Contingency     |  | \$42,676                   | \$44,214                  | \$86,890               |
| 14   | Builders Risk Insurance     |  | \$9,154                    | \$9,484                   | \$18,637               |
| 15   | General Liability Insurance |  | \$15,001                   | \$15,542                  | \$30,543               |
| 16   | Performance & Payment Bond  |  | \$10,587                   | \$10,969                  | \$21,555               |
| 17   | Sales Taxes                 |  | \$103,104                  | \$106,821                 | \$209,925              |
| 18   | <b>TOTAL</b>                |  | <b>\$1,842,421</b>         | <b>\$1,748,255</b>        | <b>\$3,590,676</b>     |



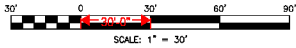
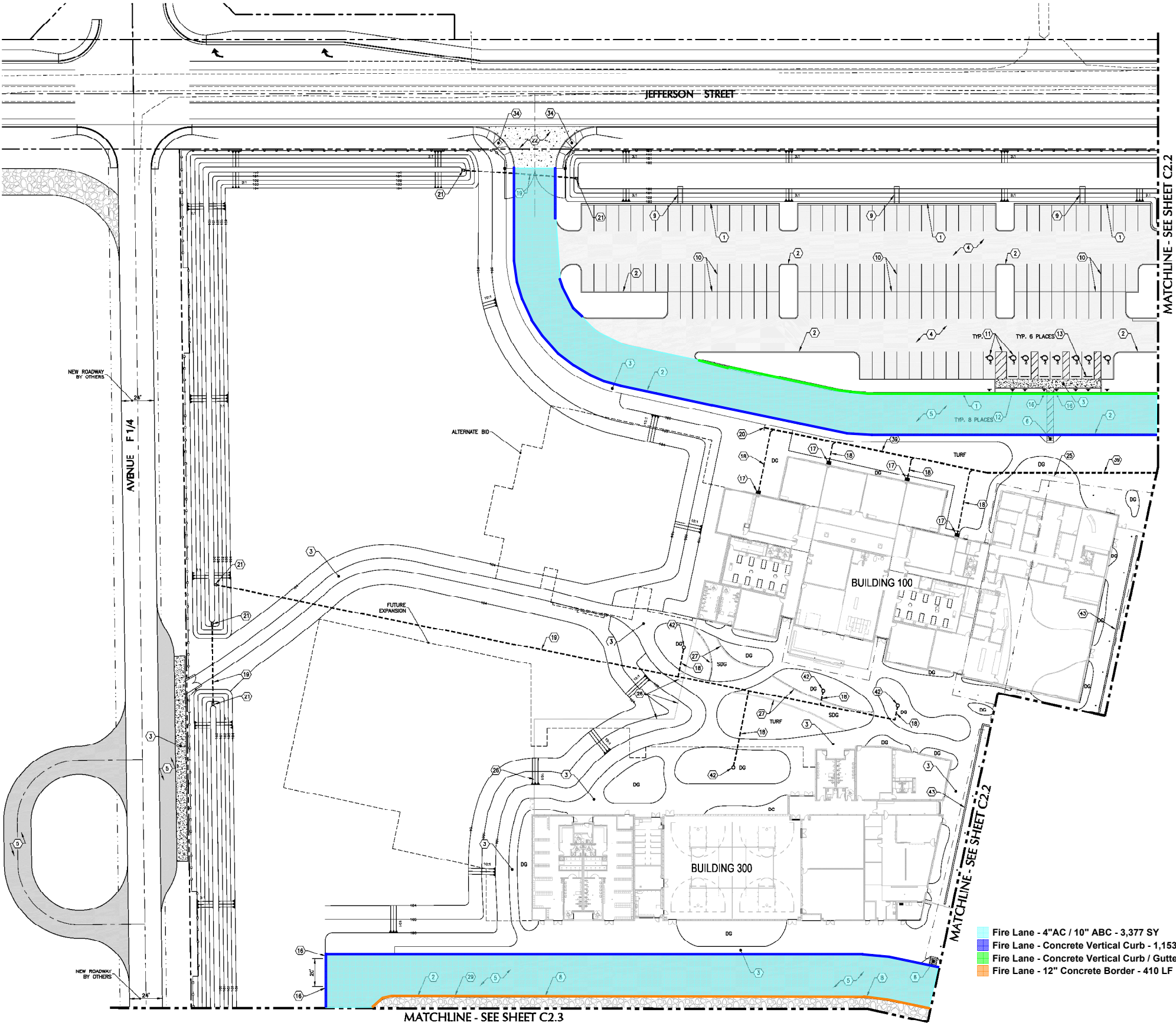
|  | 10/18/2021                                  |  |                              |      |            |                    |
|--|---|--|------------------------------|------|------------|--------------------|
|  |   |  |                              |      |            |                    |
|  | <b>Somerton High School</b>                 |  |                              |      |            |                    |
|  | 1093 W Jefferson St                         |  |                              |      |            |                    |
|  | Somerton, Arizona 85350                     |  |                              |      |            |                    |
|  |   |  | <b>OFFSITE ADJACENT WAYS</b> |      |            |                    |
| Item                                       | Description Of Work                         |  | Total Quantity               | Unit | Total Cost | Division Total     |
| <b>DIVISION 01 - GENERAL REQUIREMENTS</b>  |   |  |                              |      |            |                    |
| 1  | General Requirements                        |  | 1                            | LS   | \$76,557   |                    |
| 2  | <b>Total General Requirements</b>           |  |                              |      |            | <b>\$76,557</b>    |
| <b>Division 02 - EXISTING CONDITIONS</b>   |   |  |                              |      |            |                    |
| 3  | Survey                                      |  | 1                            | LS   | \$24,500   |                    |
| 4  | <b>Total Existing Conditions</b>            |  |                              |      |            | <b>\$24,500</b>    |
| <b>DIVISION 26 - Electrical</b>            |   |  |                              |      |            |                    |
| 5  | APS Primary Feeders - Conduits Only         |  | 1,200                        | LF   | \$90,000   |                    |
| 6  | Street Light Ftg                            |  | 11                           | EA   | \$38,500   |                    |
| 7  | Street Light Pull Box                       |  | 11                           | EA   | \$13,200   |                    |
| 8  | Trenching & Backfill - Off Site             |  | 1,200                        | LF   | \$12,000   |                    |
| 9  | <b>Total Electrical</b>                     |  |                              |      |            | <b>\$153,700</b>   |
| <b>Division 31 - Earthwork</b>             |   |  |                              |      |            |                    |
| 10   | F-1/4 Prep/Grade Entry Driveways            |  | 2                            | EA   | \$10,000   |                    |
| 11   | Clear & Grub                                |  | 15,142                       | SY   | \$22,713   |                    |
| 12   | Cut to Fill                                 |  | 5,182                        | CY   | \$62,184   |                    |
| 13   | Mass Grading, Earthwork                     |  | 12,017                       | CY   | \$81,584   |                    |
| 14   | Fine Grade                                  |  | 12,466                       | SY   | \$22,853   |                    |
| 15   | Demo Existing / Grade Entry Driveway        |  | 2                            | EA   | \$10,000   |                    |
| 16   | <b>Total Earthwork</b>                      |  |                              |      |            | <b>\$209,334</b>   |
| <b>DIVISION 32 - Exterior Improvements</b> |   |  |                              |      |            |                    |
| 17   | Paving - (4" / 10"ABC)                      |  | 9,401                        | SY   | \$385,441  |                    |
| 18   | ABC Drive                                   |  | 6,835                        | SY   | \$27,340   |                    |
| 19   | Pavement Markigs                            |  | 1                            | LS   | \$25,000   |                    |
| 20   | Vertical Curb & Gutter                      |  | 378                          | LF   | \$8,316    |                    |
| 21   | Sidewalk 4" Conc / 4" ABC                   |  | 22,417                       | SF   | \$145,710  |                    |
| 22   | Concrete Apron                              |  | 4,219                        | SF   | \$69,613   |                    |
| 23   | Concrete Vertical Curb / Gutter             |  | 2,659                        | LF   | \$71,793   |                    |
| 24   | Sidewalk Ramp                               |  | 1,109                        | SF   | \$13,309   |                    |
| 25   | Landscaping                                 |  | 62,134                       | SF   | \$155,000  |                    |
| 26   | <b>Total Exterior Improvements</b>          |  |                              |      |            | <b>\$901,522</b>   |
| <b>DIVISION 33 - Utilities</b>             |   |  |                              |      |            |                    |
| 27   | 12" C900 Fire Line Offsite                  |  | 89                           | LF   | \$5,785    |                    |
| 28   | 6" C900 Fire Line Offsite                   |  | 186                          | LF   | \$10,230   |                    |
| 29   | Fire Line Tap OffsiteTo Existing Water Line |  | 3                            | EA   | \$22,500   |                    |
| 30   | Fire Line Valve & Cover                     |  | 6                            | EA   | \$15,000   |                    |
| 31   | Water Supply Line Allowance                 |  | 1                            | LS   | \$65,000   |                    |
| 32   | 18" Storm - Onsite                          |  | 228                          | LF   | \$17,100   |                    |
| 33   | Storm Catch Basin                           |  | 6                            | EA   | \$28,800   |                    |
| 34   | Strom Drain Concrete Cut Off Wall           |  | 3                            | EA   | \$7,500    |                    |
| 35   | Gas Line (Excavation & Backfill Only)       |  | 1                            | LS   | \$40,000   |                    |
| 36   | <b>Total Utilities</b>                      |  |                              |      |            | <b>\$211,915</b>   |
| 37   | <b>Subtotal</b>                             |  |                              |      |            | <b>\$1,577,528</b> |



|  | 10/18/2021  |  |                             |      |            |                    |
|--|---|--|-----------------------------|------|------------|--------------------|
|  |   |  |                             |      |            |                    |
|  | <b>Somerton High School</b>                       |  |                             |      |            |                    |
|  | 1093 W Jefferson St                               |  |                             |      |            |                    |
|  | Somerton, Arizona 85350                           |  |                             |      |            |                    |
|  |   |  | <b>ONSITE ADJACENT WAYS</b> |      |            |                    |
| Item                                       | Description Of Work                               |  | Total Quantity              | Unit | Total Cost | Division Total     |
| <b>DIVISION 01 - GENERAL REQUIREMENTS</b>  |   |  |                             |      |            |                    |
| 1  | General Requirements                              |  | 1                           | LS   | \$78,784   |                    |
| 2  | <b>Total General Requirements</b>                 |  |                             |      |            | <b>\$78,784</b>    |
| <b>Division 02 - EXISTING CONDITIONS</b>   |   |  |                             |      |            |                    |
| 3  | Survey  |  | 1                           | LS   | \$24,000   |                    |
| 4  | <b>Total Existing Conditions</b>                  |  |                             |      |            | <b>\$24,000</b>    |
| <b>DIVISION 26 - Electrical</b>            |   |  |                             |      |            |                    |
| 5  |   |  |                             |      |            |                    |
| 6  | <b>Total Electrical</b>                           |  |                             |      |            | <b>\$0</b>         |
| <b>Division 31 - Earthwork</b>             |   |  |                             |      |            |                    |
| 7  | Clear & Grub                                      |  | 15,092                      | SY   | \$22,638   |                    |
| 8  | Mass Grading, Earthwork                           |  | 5,869                       | CY   | \$36,681   |                    |
| 9  | Fine Grade  |  | 15,092                      | SY   | \$22,638   |                    |
| 10   |   |  |                             |      |            |                    |
| 11   | <b>Total Earthwork</b>                            |  |                             |      |            | <b>\$81,957</b>    |
| <b>DIVISION 32 - Exterior Improvements</b> |   |  |                             |      |            |                    |
| 12   | Paving - (4" / 10"ABC)                            |  | 15,092                      | SY   | \$618,772  |                    |
| 13   | Fire Lane Signs & Post                            |  | 35                          | EA   | \$7,000    |                    |
| 14   | Fire Lanes Pavement Markings                      |  | 9,314                       | LF   | \$13,971   |                    |
| 15   | Concrete Vertical Curb                            |  | 4,272                       | LF   | \$93,984   |                    |
| 16   | Concrete Vertical Curb / Gutter                   |  | 2,037                       | LF   | \$54,999   |                    |
| 17   | 12" Concrete Border                               |  | 3,005                       | LF   | \$75,125   |                    |
| 18   |   |  |                             |      |            |                    |
| 19   | <b>Total Exterior Improvements</b>                |  |                             |      |            | <b>\$863,851</b>   |
| <b>DIVISION 33 - Utilities</b>             |   |  |                             |      |            |                    |
| 20   | 12" C900 Fire Line Offsite                        |  | 2,945                       | LF   | \$191,425  |                    |
| 21   | 6" C900 Fire Line Offsite                         |  | 1,369                       | LF   | \$75,295   |                    |
| 22   | Double Check Backflow Assembly - Fire Line Onsite |  | 3                           | EA   | \$37,500   |                    |
| 23   | Fire Hydrant - Fire Line Onsite                   |  | 11                          | EA   | \$93,500   |                    |
| 24   | Fire Line Valve & Cover                           |  | 11                          | EA   | \$27,500   |                    |
| 25   |   |  |                             |      |            |                    |
| 26   | <b>Total Utilities</b>                            |  |                             |      |            | <b>\$425,220</b>   |
| 27   | <b>Subtotal</b>                                   |  |                             |      |            | <b>\$1,473,812</b> |



Onsite Adjacent Ways



NOTES

1. ALL MATERIALS AND CONSTRUCTION HEREON SHALL CONFORM TO CITY OF YUMA STANDARDS SPECIFICATIONS & CONSTRUCTION STANDARDS UNLESS OTHERWISE SHOWN ON THESE PLANS.
2. ALL CITY OF YUMA REQUIRED COMPACTION AND LABORATORY TEST SHALL BE FURNISHED BY THE CONTRACTOR TO THE OWNER PRIOR TO THE ACCEPTANCE OF THE PROJECT.
3. CONTRACTOR TO MAINTAIN DUST ABATEMENT AT ALL TIMES DURING CONSTRUCTION.
4. REFER TO THE SITE DIMENSION PLAN FOR LOCATION OF ALL NEW CONSTRUCTION.
5. REFER TO STRUCTURAL PLANS FOR BUILDING GLAD SCOTIONS, FOOTINGS, AND FOUNDATION PLANS.
6. ALL ENGINEERED BACKFILL TO BE COMPACTED TO 95% OF MAXIMUM DENSITY AT OPTIMUM MOISTURE.
7. UNDERGROUND UTILITIES SHOWN HEREON ARE ONLY APPROXIMATE. CONTRACTOR SHALL VERIFY LOCATION, DEPTH AND ROUTING OF ALL UTILITIES BEFORE CONSTRUCTION.
8. ALL EXISTING MONUMENTATION SHALL BE REFERENCED PRIOR TO CONSTRUCTION AND REPLACED AFTER ALL WORK IS COMPLETED BY THE CONTRACTOR. (IF DISTURBED)
9. PAVING CONTRACTOR TO PROVIDE ALL BACKFILL REQUIRED BEHIND ALL NEW IMPROVEMENTS IN ACCORDANCE WITH THE TYPICAL DETAILS AND SLOPE LINES SHOWN HEREON.
10. PAVING CONTRACTOR TO COORDINATE WITH IRRIGATION AND UTILITY CONTRACTORS TO INSURE INSTALLATION OF IRRIGATION AND ELECTRICAL CONDUITS AND ALL UNDERGROUND UTILITIES PRIOR TO PAVING.
11. ALL DIMENSIONS ARE MEASURED FROM THE FACE OF CURB, UNLESS OTHERWISE NOTED.
12. REFER TO THE GEOTECHNICAL SOILS INVESTIGATION FOR PREPARATION OF BUILDING PAD & PARKING LOT AREA.
13. CONTRACTOR TO OBTAIN ENCROACHMENT PERMIT FOR ALL WORK WITHIN CITY OR COUNTY RIGHT-OF-WAY.
14. CONTRACTOR SHALL MAINTAIN ACCESS AT ALL TIMES.

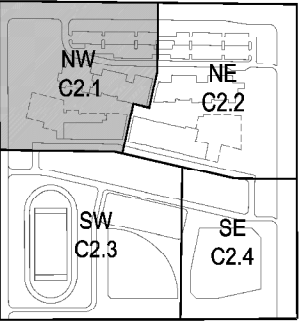
ABBREVIATIONS

|      |                               |
|------|-------------------------------|
| TURF | TURF GRASS BERMLAND           |
| DOG  | STABILIZED DECOMPOSED GRANITE |
| DC   | DECOMPOSED GRANITE            |

PAVING SCHEDULE OF WORK

- |    |   |                       |
|----|---|-----------------------|
| 1  | NEW VERTICAL CURB AND GUTTER  | - SEE DETAIL A/C2.10  |
| 2  | NEW VERTICAL CURB   | - SEE DETAIL B/C2.10  |
| 3  | NEW 4" THICK CONCRETE SIDEWALK  | - SEE DETAIL C/C2.10  |
| 4  | NEW ASPHALTIC CONCRETE PAVEMENT (AC) LIGHT DUTY   | - SEE DETAIL D/C2.10  |
| 5  | 4" ASPHALTIC CONCRETE OVER 8" ABC   | - SEE DETAIL E/C2.10  |
| 6  | NEW ASPHALTIC CONCRETE PAVEMENT (AC) HEAVY DUTY   | - SEE DETAIL F/C2.10  |
| 7  | 4" ASPHALTIC CONCRETE OVER 10" ABC  | - SEE DETAIL G/C2.10  |
| 8  | NEW SIDEWALK RAMP   | - SEE DETAIL H/C2.10  |
| 9  | NEW 6" ABC SURFACE  | - SEE DETAIL I/C2.10  |
| 10 | NEW 12" WIDE CONCRETE BORDER (FLAT) CURB  | - SEE DETAIL J/C2.10  |
| 11 | NEW CONCRETE SPILLWAY WITH DEPRESSED CURB   | - SEE DETAIL K/C2.10  |
| 12 | AND ROCK RIP-RAP (3" x 4")  | - SEE DETAIL L/C2.10  |
| 13 | NEW 4" WHITE PAINT STRIPING   | - SEE DETAIL M/C2.10  |
| 14 | NEW PAVEMENT MARKING  | - SEE DETAIL N/C2.10  |
| 15 | NEW "HANDICAP PARKING ONLY" SIGN  | - SEE DETAIL O/C2.10  |
| 16 | NEW CONCRETE PARKING BUMPER   | - SEE DETAIL P/C2.10  |
| 17 | NEW DRIVEWAY  | - SEE DETAIL Q/C2.10  |
| 18 | NEW CONCRETE SPILLWAY DISCHARGE @ SIDEWALK  | - SEE DETAIL R/C2.10  |
| 19 | NEW 3' CURB TERMINATION   | - SEE DETAIL S/C2.10  |
| 20 | NEW 2'X2' NYLOPLAST STORM DRAIN CATCH BASIN WITHOUT CURB HOOD   | - SEE DETAIL T/C2.11  |
| 21 | NEW 8" SDR 35 PVC STORM DRAIN PIPE  | - SEE DETAIL U/C2.10  |
| 22 | NEW 12" SDR 35 PVC STORM DRAIN PIPE   | - SEE DETAIL V/C2.10  |
| 23 | NEW WATERTIGHT CAP - FUTURE CONNECTION  | - SEE DETAIL W/C2.10  |
| 24 | NEW CONCRETE CUTOFF WALL  | - SEE DETAIL X/C2.10  |
| 25 | NEW CONCRETE DRIVEWAY WITH CURB RETURNS   | - SEE DETAIL Y/C2.10  |
| 26 | NEW RIGHT OUT ONLY CONCRETE DRIVEWAY WITH CURB RETURNS  | - SEE DETAIL Z/C2.10  |
| 27 | NEW CONCRETE SEAT WALL - SEE ARCHITECTURAL PLANS FOR DETAILS  | - SEE DETAIL AA/C2.10 |
| 28 | NEW MONUMENT SIGN - SEE ARCHITECTURAL PLANS FOR DETAILS   | - SEE DETAIL AB/C2.10 |
| 29 | NEW STEEL TUBE FENCING WITH GATES - SEE ARCHITECTURAL PLANS FOR DETAILS   | - SEE DETAIL AC/C2.10 |
| 30 | NEW CONCRETE HEADER - SEE LANDSCAPE PLANS FOR DETAILS   | - SEE DETAIL AD/C2.10 |
| 31 | NEW CONCRETE VALLEY GUTTER  | - SEE DETAIL AE/C2.11 |
| 32 | NEW 3' VERTICAL CURB TRANSITION TO BORDER (FLAT) CURB   | - SEE DETAIL AF/C2.10 |
| 33 | NEW VERTICAL CURB OPENING TO MATCH WIDTH OF EXISTING WALK PATH  | - SEE DETAIL AG/C2.10 |
| 34 | REMOVE AND RELOCATE EXISTING LIGHT POLE AND ASSEMBLY  | - SEE DETAIL AH/C2.10 |
| 35 | REMOVE AND DISPOSE OF EXISTING ASPHALT, REPLACE ASPHALT AS NEEDED   | - SEE DETAIL AI/C2.10 |
| 36 | REMOVE AND DISPOSE OF EXISTING CURB, GUTTER, AND ASPHALT  | - SEE DETAIL AJ/C2.10 |
| 37 | NEW SIDEWALK RAMP AT DRIVEWAY   | - SEE DETAIL AK/C2.11 |
| 38 | NEW STORM DRAIN GATE STRUCTURE  | - SEE DETAIL AL/C2.11 |
| 39 | CONNECT NEW STORM DRAIN TO EXISTING STORM DRAIN CATCH BASIN   | - SEE DETAIL AM/C2.11 |
| 40 | NEW STORM DRAIN CATCH BASIN AT VALLEY GUTTER  | - SEE DETAIL AN/C2.11 |
| 41 | NEW 8" CONCRETE (TRASH ENCLOSURES & SERVICE AREA)   | - SEE DETAIL AO/C2.11 |
| 42 | NEW 10" SDR 35 PVC STORM DRAIN PIPE   | - SEE DETAIL AP/C2.10 |
| 43 | NEW 4" WIDE CONCRETE VALLEY GUTTER  | - SEE DETAIL AQ/C2.10 |
| 44 | NEW 2'X8' NYLOPLAST STORM DRAIN CATCH BASIN WITH CURB HOOD  | - SEE DETAIL AR/C2.11 |
| 45 | NEW 12" NYLOPLAST AREA INLET DRAIN  | - SEE DETAIL AS/C2.11 |
| 46 | NEW 4" x 10" NYLOPLAST STORM DRAIN WITH 4" x 10" GRATE - GRATE TO BE HEEL SAFE, BICYCLE SAFE, AND ADA COMPLIANT | - SEE DETAIL AT/C2.10 |
| 47 | NEW 3' WIDE DEPRESSED CURB OPENING  | - SEE DETAIL AU/C2.10 |

KEY PLAN



SOMERTON HIGH SCHOOL  
YUMA UNION HIGH SCHOOL DISTRICT  
Jefferson Street and Cesar Chavez Avenue  
Yuma, AZ 85404  
PBB 14075000-0000-0000

100%  
CONSTRUCTION  
DOCUMENTS  
REVISIONS

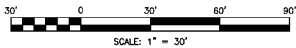
30-20111-00  
PAVING PLAN  
NORTHWEST

C2.1





Onsite Adjacent Ways



NOTES

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2. ALL CITY OF YUMA REQUIRED COMPACTION AND LABORATORY TEST SHALL BE FURNISHED BY THE CONTRACTOR TO THE OWNER PRIOR TO THE ACCEPTANCE OF THE PROJECT.
3. CONTRACTOR TO MAINTAIN DUST ABATEMENT AT ALL TIMES DURING CONSTRUCTION.
4. REFER TO THE SITE DIMENSION PLAN FOR LOCATION OF ALL NEW CONSTRUCTION.
5. REFER TO STRUCTURAL PLANS FOR BUILDING GLAD SCOTIONS, FOOTINGS, AND FOUNDATION PLANS.
6. ALL ENGINEERED BACKFILL TO BE COMPACTED TO 95% OF MAXIMUM DENSITY AT OPTIMUM MOISTURE.
7. UNDERGROUND UTILITIES SHOWN HEREON ARE ONLY APPROXIMATE. CONTRACTOR SHALL VERIFY LOCATION, DEPTH AND ROUTING OF ALL UTILITIES BEFORE CONSTRUCTION.
8. ALL EXISTING MONUMENTATION SHALL BE REFERENCED PRIOR TO CONSTRUCTION AND REPLACED AFTER ALL WORK IS COMPLETED BY THE CONTRACTOR. (IF DISTURBED)
9. PAVING CONTRACTOR TO PROVIDE ALL BACKFILL REQUIRED BEHIND ALL NEW IMPROVEMENTS IN ACCORDANCE WITH THE TYPICAL DETAILS AND SLOPE LINES SHOWN HEREON.
10. PAVING CONTRACTOR TO COORDINATE WITH IRRIGATION AND UTILITY CONTRACTORS TO INSURE INSTALLATION OF IRRIGATION AND ELECTRICAL CONDUITS AND ALL UNDERGROUND UTILITIES PRIOR TO PAVING.
11. ALL DIMENSIONS ARE MEASURED FROM THE FACE OF CURB, UNLESS OTHERWISE NOTED.
12. REFER TO THE GEOTECHNICAL SOILS INVESTIGATION FOR PREPARATION OF BUILDING PAD & PARKING LOT AREA.
13. CONTRACTOR TO OBTAIN ENCROACHMENT PERMIT FOR ALL WORK WITHIN CITY OR COUNTY RIGHT-OF-WAY.
14. CONTRACTOR SHALL MAINTAIN ACCESS AT ALL TIMES.

ABBREVIATIONS

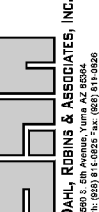
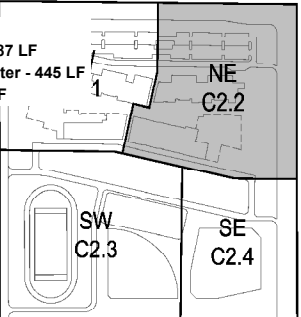
|      |                               |
|------|-------------------------------|
| TURF | TURF GRASS (PERMANENT)        |
| SDG  | STABILIZED DECOMPOSED GRANITE |
| DG   | DECOMPOSED GRANITE            |

PAVING SCHEDULE OF WORK

- |    |   |                      |
|----|---|----------------------|
| 1  | NEW VERTICAL CURB AND GUTTER  | - SEE DETAIL A/C2.10 |
| 2  | NEW VERTICAL CURB   | - SEE DETAIL B/C2.10 |
| 3  | NEW 4" THICK CONCRETE SIDEWALK  | - SEE DETAIL C/C2.10 |
| 4  | NEW ASPHALTIC CONCRETE PAVEMENT (AC) LIGHT DUTY   | - SEE DETAIL D/C2.10 |
| 5  | NEW ASPHALTIC CONCRETE PAVEMENT (AC) HEAVY DUTY   | - SEE DETAIL E/C2.10 |
| 6  | NEW ASPHALTIC CONCRETE OVER 10" ABC   | - SEE DETAIL F/C2.10 |
| 7  | NEW 6" ABC SURFACE  | - SEE DETAIL G/C2.10 |
| 8  | NEW 12" WIDE CONCRETE BORDER (FLAT) CURB  | - SEE DETAIL H/C2.10 |
| 9  | NEW CONCRETE SPILLWAY WITH DEPRESSION CURB AND ROCK RIP-RAP (3'-5')                                     | - SEE DETAIL I/C2.10 |
| 10 | NEW 4" WHITE PAINT STRIPING   | - SEE DETAIL J/C2.10 |
| 11 | NEW PAVEMENT MARKING  | - SEE DETAIL K/C2.10 |
| 12 | NEW "HANDICAP PARKING ONLY" SIGN  | - SEE DETAIL L/C2.10 |
| 13 | NEW CONCRETE PARKING BUMPER   | - SEE DETAIL M/C2.10 |
| 14 | NEW DRIVEWAY  | - SEE DETAIL N/C2.10 |
| 15 | NEW CONCRETE SPILLWAY DISCHARGE @ SIDEWALK  | - SEE DETAIL O/C2.10 |
| 16 | NEW 3" CURB TERMINATION   | - SEE DETAIL P/C2.10 |
| 17 | NEW 2'x3' NYLOPLAST STORM DRAIN CATCH BASIN WITHOUT CURB HOOD   | - SEE DETAIL Q/C2.11 |
| 18 | NEW 6" SDR 35 PVC STORM DRAIN PIPE  | - SEE DETAIL R/C2.10 |
| 19 | NEW 12" SDR 35 PVC STORM DRAIN PIPE   | - SEE DETAIL S/C2.10 |
| 20 | NEW WATERTIGHT CAP - FUTURE CONNECTION  | - SEE DETAIL T/C2.10 |
| 21 | NEW CONCRETE CUTOFF WALL  | - SEE DETAIL U/C2.10 |
| 22 | NEW CONCRETE DRIVEWAY WITH CURB RETURNS   | - SEE DETAIL V/C2.10 |
| 23 | NEW RIGHT OUT ONLY CONCRETE DRIVEWAY WITH CURB RETURNS  | - SEE DETAIL W/C2.10 |
| 24 | NEW CONCRETE SEAT WALL - SEE ARCHITECTURAL PLANS FOR DETAILS  |                      |
| 25 | NEW MONUMENT SIGN - SEE ARCHITECTURAL PLANS FOR DETAILS   |                      |
| 26 | NEW STEEL TUBE FENCING WITH GATES - SEE ARCHITECTURAL PLANS FOR DETAILS                                 |                      |
| 27 | NEW CONCRETE HEADER - SEE LANDSCAPE PLANS FOR DETAILS   |                      |
| 28 | NEW CONCRETE VALLEY GUTTER  | - SEE DETAIL A/C2.11 |
| 29 | NEW 3" VERTICAL CURB TRANSITION TO BORDER (FLAT) CURB   | - SEE DETAIL B/C2.11 |
| 30 | NEW VERTICAL CURB OPENING TO MATCH WIDTH OF EXISTING WALK PATH  |                      |
| 31 | REMOVE AND RELOCATE EXISTING LIGHT POLE AND ASSEMBLY  |                      |
| 32 | REMOVE AND DISPOSE OF EXISTING ASPHALT. REPLACE ASPHALT AS NEEDED                                       |                      |
| 33 | REMOVE AND DISPOSE OF EXISTING CURB, GUTTER, AND ASPHALT  |                      |
| 34 | NEW SIDEWALK RAMP AT DRIVEWAY   | - SEE DETAIL B/C2.11 |
| 35 | NEW STORM DRAIN GATE STRUCTURE  | - SEE DETAIL C/C2.11 |
| 36 | CONNECT NEW STORM DRAIN TO EXISTING STORM DRAIN CATCH BASIN   |                      |
| 37 | NEW STORM DRAIN CATCH BASIN AT VALLEY GUTTER  | - SEE DETAIL D/C2.11 |
| 38 | NEW 6" CONCRETE (TRASH ENCLOSURES & SERVICE AREA)   | - SEE DETAIL E/C2.11 |
| 39 | NEW 18" SDR 35 PVC STORM DRAIN PIPE   | - SEE DETAIL F/C2.10 |
| 40 | NEW 4" WIDE CONCRETE VALLEY GUTTER  |                      |
| 41 | NEW 2'x3' NYLOPLAST STORM DRAIN CATCH BASIN WITH CURB HOOD  | - SEE DETAIL F/C2.11 |
| 42 | NEW 12" NYLOPLAST AREA INLET DRAIN  | - SEE DETAIL F/C2.11 |
| 43 | NEW 4" AGO K5100 POWER DRAIN WITH 4" AGO GRATE - GRATE TO BE HEEL SAFE, BICYCLE SAFE, AND ADA COMPLIANT |                      |
| 44 | NEW 3" WIDE DEPRESSION CURB OPENING - SEE DETAIL I/C2.10  |                      |

KEY PLAN

- Fire Lane - 4"AC / 10" ABC - 3,984 SY
- Fire Lane - Concrete Vertical Curb - 1,287 LF
- Fire Lane - Concrete Vertical Curb / Gutter - 445 LF
- Fire Lane - 12" Concrete Border - 596 LF



SOMERTON HIGH SCHOOL

YUMA UNION HIGH SCHOOL DISTRICT

Jefferson Street and Cesar Chavez Avenue  
ESTB 1407500-9859-0058

100%  
CONSTRUCTION  
DOCUMENTS  
REVISED

PAVING PLAN  
NORTHEAST

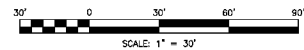
C2.2



MATCHLINE - SEE SHEET C2.1

MATCHLINE - SEE SHEET C2.2

# Onsite Adjacent Ways



## NOTES

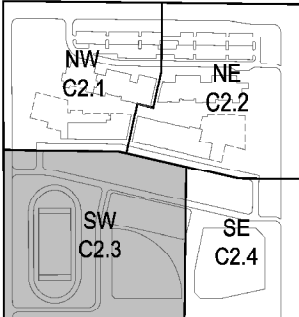
1. ALL MATERIALS AND CONSTRUCTION HEREON SHALL CONFORM TO CITY OF YUMA STANDARDS SPECIFICATIONS & CONSTRUCTION STANDARDS UNLESS OTHERWISE SHOWN ON THESE PLANS.
2. ALL CITY OF YUMA REQUIRED COMPACTION AND LABORATORY TEST SHALL BE FURNISHED BY THE CONTRACTOR TO THE OWNER PRIOR TO THE ACCEPTANCE OF THE PROJECT.
3. CONTRACTOR TO MAINTAIN DUST ABATEMENT AT ALL TIMES DURING CONSTRUCTION.
4. REFER TO THE SITE DIMENSION PLAN FOR LOCATION OF ALL NEW CONSTRUCTION.
5. REFER TO STRUCTURAL PLANS FOR BUILDING SLAB SECTIONS, FOOTINGS, AND FOUNDATION PLANS.
6. ALL ENGINEERED GRAVEL TO BE COMPACTED TO 95% OF MAXIMUM DENSITY AT OPTIMUM MOISTURE.
7. UNDERGROUND UTILITIES SHOWN HEREON ARE ONLY APPROXIMATE. CONTRACTOR SHALL VERIFY LOCATION, DEPTH AND ROUTING OF ALL UTILITIES BEFORE CONSTRUCTION.
8. ALL EXISTING MONUMENTATION SHALL BE REFERENCED PRIOR TO CONSTRUCTION AND REPLACED AFTER ALL WORK IS COMPLETED BY THE CONTRACTOR. ("DISTURBED")
9. PAVING CONTRACTOR TO PROVIDE ALL BACKFILL REQUIRED BEHIND ALL NEW IMPROVEMENTS IN ACCORDANCE WITH THE TYPICAL DETAILS AND SLOPE LINES SHOWN HEREON.
10. PAVING CONTRACTOR TO COORDINATE WITH IRRIGATION AND UTILITY CONTRACTORS TO INSURE INSTALLATION OF IRRIGATION AND ELECTRICAL CONDUITS AND ALL UNDERGROUND UTILITIES PRIOR TO PAVING.
11. ALL DIMENSIONS ARE MEASURED FROM THE FACE OF CURB, UNLESS OTHERWISE NOTED.
12. REFER TO THE GEOTECHNICAL SOIL INVESTIGATION FOR PREPARATION OF BUILDING PAD & PARKING LOT AREA.
13. CONTRACTOR TO OBTAIN ENCROACHMENT PERMIT FOR ALL WORK WITHIN CITY OR COUNTY RIGHT-OF-WAY.
14. CONTRACTOR SHALL MAINTAIN ACCESS AT ALL TIMES.

## ABBREVIATIONS

|      |                               |
|------|-------------------------------|
| TURF | TURF GRASS DETAIL/ADA         |
| SDG  | STABILIZED DECOMPOSED GRANITE |
| DG   | DECOMPOSED GRANITE            |

## PAVING SCHEDULE OF WORK

- |    |   |                       |
|----|---|-----------------------|
| 1  | NEW VERTICAL CURB AND GUTTER  | - SEE DETAIL A/C2.10  |
| 2  | NEW VERTICAL CURB   | - SEE DETAIL B/C2.10  |
| 3  | NEW 4" THICK CONCRETE SIDEWALK  | - SEE DETAIL C/C2.10  |
| 4  | NEW ASPHALTIC CONCRETE PAVEMENT (AC) LIGHT DUTY   | - SEE DETAIL D/C2.10  |
| 5  | NEW ASPHALTIC CONCRETE PAVEMENT (AC) HEAVY DUTY   | - SEE DETAIL E/C2.10  |
| 6  | NEW ASPHALTIC CONCRETE OVER 10" ABC   | - SEE DETAIL F/C2.10  |
| 7  | NEW SIDEWALK RAMP   | - SEE DETAIL G/C2.10  |
| 8  | NEW 6" ABC SURFACE  | - SEE DETAIL H/C2.10  |
| 9  | NEW 12" WIDE CONCRETE BORDER (FLAT) CURB  | - SEE DETAIL I/C2.10  |
| 10 | NEW CONCRETE SPILLWAY WITH DEPRESSION CURB  | - SEE DETAIL J/C2.10  |
| 11 | AND ROCK 80%-RAP (3"-6")  | - SEE DETAIL K/C2.10  |
| 12 | NEW 4" WHITE PAINT STRIPING   | - SEE DETAIL L/C2.10  |
| 13 | NEW PAVEMENT MARKING  | - SEE DETAIL M/C2.10  |
| 14 | NEW "HANDICAP PARKING ONLY" SIGN  | - SEE DETAIL N/C2.10  |
| 15 | NEW CONCRETE PARKING BUMPER   | - SEE DETAIL O/C2.10  |
| 16 | NEW DRIVEWAY  | - SEE DETAIL P/C2.10  |
| 17 | NEW CONCRETE SPILLWAY DISCHARGE @ SIDEWALK  | - SEE DETAIL Q/C2.10  |
| 18 | NEW 3" CURB TERMINATION   | - SEE DETAIL R/C2.10  |
| 19 | NEW 2'x3' NYLOPLAST STORM DRAIN CATCH BASIN WITHOUT CURB HOOD   | - SEE DETAIL S/C2.11  |
| 20 | NEW 6" SDR 35 PVC STORM DRAIN PIPE  | - SEE DETAIL T/C2.10  |
| 21 | NEW 12" SDR 35 PVC STORM DRAIN PIPE   | - SEE DETAIL U/C2.10  |
| 22 | NEW WATERTIGHT CAP - FUTURE CONNECTION  | - SEE DETAIL V/C2.10  |
| 23 | NEW CONCRETE CUTOFF WALL  | - SEE DETAIL W/C2.10  |
| 24 | NEW CONCRETE DRIVEWAY WITH CURB RETURNS   | - SEE DETAIL X/C2.10  |
| 25 | NEW RIGHT OUT ONLY CONCRETE DRIVEWAY WITH CURB RETURNS  | - SEE DETAIL Y/C2.10  |
| 26 | NEW CONCRETE SEAT WALL - SEE ARCHITECTURAL PLANS FOR DETAILS  | - SEE DETAIL Z/C2.10  |
| 27 | NEW MONUMENT SIGN - SEE ARCHITECTURAL PLANS FOR DETAILS   | - SEE DETAIL AA/C2.11 |
| 28 | NEW STEEL TUBE FENCING WITH GATES - SEE ARCHITECTURAL PLANS FOR DETAILS                                 | - SEE DETAIL AB/C2.11 |
| 29 | NEW CONCRETE HEADER - SEE LANDSCAPE PLANS FOR DETAILS   | - SEE DETAIL AC/C2.11 |
| 30 | NEW CONCRETE VALLEY GUTTER  | - SEE DETAIL AD/C2.11 |
| 31 | NEW 3" VERTICAL CURB TRANSITION TO BORDER (FLAT) CURB   | - SEE DETAIL AE/C2.10 |
| 32 | NEW VERTICAL CURB OPENING TO MATCH WIDTH OF EXISTING WALK PATH  | - SEE DETAIL AF/C2.10 |
| 33 | REMOVE AND RELOCATE EXISTING LIGHT POLE AND ASSEMBLY  | - SEE DETAIL AG/C2.11 |
| 34 | REMOVE AND DISPOSE OF EXISTING ASPHALT. REPLACE ASPHALT AS NEEDED                                       | - SEE DETAIL AH/C2.11 |
| 35 | REMOVE AND DISPOSE OF EXISTING CURB, GUTTER, AND ASPHALT  | - SEE DETAIL AI/C2.11 |
| 36 | NEW SIDEWALK RAMP AT DRIVEWAY   | - SEE DETAIL AJ/C2.11 |
| 37 | NEW STORM DRAIN GATE STRUCTURE  | - SEE DETAIL AK/C2.11 |
| 38 | CONNECT NEW STORM DRAIN TO EXISTING STORM DRAIN CATCH BASIN   | - SEE DETAIL AL/C2.11 |
| 39 | NEW STORM DRAIN CATCH BASIN AT VALLEY GUTTER  | - SEE DETAIL AM/C2.11 |
| 40 | NEW 6" CONCRETE (TRASH ENCLOSURES & SERVICE AREA)   | - SEE DETAIL AN/C2.11 |
| 41 | NEW 18" SDR 35 PVC STORM DRAIN PIPE   | - SEE DETAIL AO/C2.10 |
| 42 | NEW 4" WIDE CONCRETE VALLEY GUTTER  | - SEE DETAIL AP/C2.10 |
| 43 | NEW 2'x6" NYLOPLAST STORM DRAIN CATCH BASIN WITH CURB HOOD  | - SEE DETAIL AQ/C2.11 |
| 44 | NEW 12" NYLOPLAST AREA INLET DRAIN  | - SEE DETAIL AR/C2.11 |
| 45 | NEW 4" ACO KS100 POWER DRAIN WITH 4" ACO GRATE - GRATE TO BE HEEL SAFE, BICYCLE SAFE, AND ADA COMPLIANT | - SEE DETAIL AS/C2.11 |
| 46 | NEW 3" WIDE DEPRESSION CURB OPENING   | - SEE DETAIL AT/C2.10 |



DLR Group



DAHL, ROBINS & ASSOCIATES, INC.  
1000 S. 5th Avenue, Yuma, AZ 85404  
PH: (951) 814-0025 FAX: (951) 814-0026  
www.dahlrobinson.com Project No. 2010

SOMERTON HIGH SCHOOL  
YUMA UNION HIGH SCHOOL DISTRICT  
Jefferson Street and Cesar Chavez Avenue  
Yuma, AZ 85404  
EIRB 14075000-0000-0001

100% CONSTRUCTION DOCUMENTS  
REV: 0001  
REV: 0002

30-20111-00  
PAVING PLAN  
SOUTHWEST

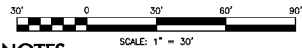
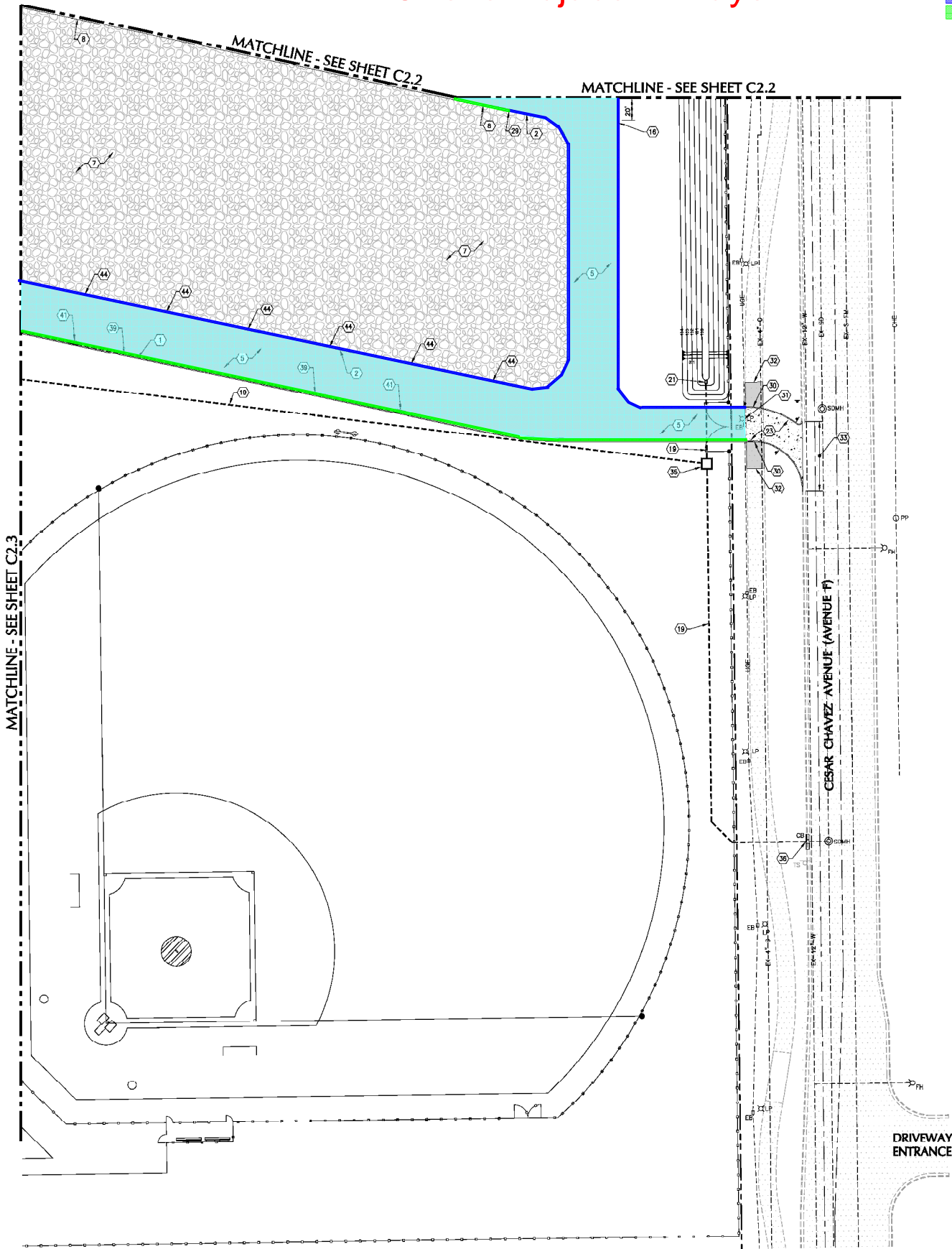
C2.3





Onsite Adjacent Ways

- Fire Lane - 4"AC / 10" ABC - 1,978 SY
- Fire Lane - Concrete Vertical Curb - 775 LF
- Fire Lane - Concrete Vertical Curb / Gutter - 475 LF



NOTES

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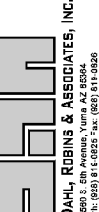
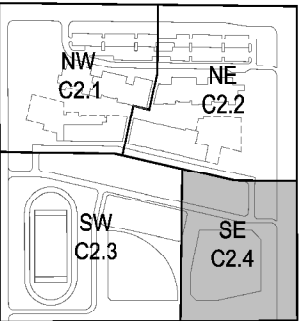
ABBREVIATIONS

|      |                               |
|------|-------------------------------|
| TURF | TURF GRASS BERMUDA            |
| SDS  | STABILIZED DECOMPOSED GRANITE |
| DG   | DECOMPOSED GRANITE            |

PAVING SCHEDULE OF WORK

- |    |  |                       |
|----|--|-----------------------|
| 1  | NEW VERTICAL CURB AND GUTTER   | - SEE DETAIL A/C2.10  |
| 2  | NEW VERTICAL CURB  | - SEE DETAIL B/C2.10  |
| 3  | NEW 4" THICK CONCRETE SIDEWALK   | - SEE DETAIL C/C2.10  |
| 4  | NEW ASPHALTIC CONCRETE PAVEMENT (AC) LIGHT DUTY  | - SEE DETAIL D/C2.10  |
| 5  | NEW ASPHALTIC CONCRETE PAVEMENT (AC) HEAVY DUTY  | - SEE DETAIL E/C2.10  |
| 6  | NEW SIDEWALK RAMP  | - SEE DETAIL F/C2.10  |
| 7  | NEW 6" ABC SURFACE   | - SEE DETAIL G/C2.10  |
| 8  | NEW 12" WIDE CONCRETE BORDER (FLAT) CURB   | - SEE DETAIL H/C2.10  |
| 9  | NEW CONCRETE SPILLWAY WITH DEPRESSSED CURB AND ROCK RIP-RAP (3'-6")                                      | - SEE DETAIL I/C2.10  |
| 10 | NEW 4" WHITE PAINT STRIPING  | - SEE DETAIL J/C2.10  |
| 11 | NEW PAVEMENT MARKING   | - SEE DETAIL K/C2.10  |
| 12 | NEW "HANDICAP PARKING ONLY" SIGN   | - SEE DETAIL L/C2.10  |
| 13 | NEW CONCRETE PARKING BUMPER  | - SEE DETAIL M/C2.10  |
| 14 | NEW DRIVEWAY   | - SEE DETAIL N/C2.10  |
| 15 | NEW CONCRETE SPILLWAY DISCHARGE @ SIDEWALK   | - SEE DETAIL O/C2.10  |
| 16 | NEW 3' CURB TERMINATION  | - SEE DETAIL P/C2.10  |
| 17 | NEW 2'x3' NYLOPLAST STORM DRAIN CATCH BASIN WITHOUT CURB HOOD  | - SEE DETAIL Q/C2.11  |
| 18 | NEW 8" SDR 35 PVC STORM DRAIN PIPE   | - SEE DETAIL R/C2.10  |
| 19 | NEW 12" SDR 35 PVC STORM DRAIN PIPE  | - SEE DETAIL S/C2.10  |
| 20 | NEW WATERTIGHT GAP - FUTURE CONNECTION   | - SEE DETAIL T/C2.10  |
| 21 | NEW CONCRETE CUTOFF WALL   | - SEE DETAIL U/C2.10  |
| 22 | NEW CONCRETE DRIVEWAY WITH CURB RETURNS  | - SEE DETAIL V/C2.10  |
| 23 | NEW RIGHT OUT ONLY CONCRETE DRIVEWAY WITH CURB RETURNS   | - SEE DETAIL W/C2.10  |
| 24 | NEW CONCRETE SEAT WALL - SEE ARCHITECTURAL PLANS FOR DETAILS   | - SEE DETAIL X/C2.10  |
| 25 | NEW MONUMENT SIGN - SEE ARCHITECTURAL PLANS FOR DETAILS  | - SEE DETAIL Y/C2.10  |
| 26 | NEW STEEL TUBE FENCING WITH GATES - SEE ARCHITECTURAL PLANS FOR DETAILS                                  | - SEE DETAIL Z/C2.10  |
| 27 | NEW CONCRETE HEADER - SEE LANDSCAPE PLANS FOR DETAILS  | - SEE DETAIL AA/C2.10 |
| 28 | NEW CONCRETE VALLEY GUTTER   | - SEE DETAIL AB/C2.11 |
| 29 | NEW 3' VERTICAL CURB TRANSITION TO BORDER (FLAT) CURB  | - SEE DETAIL AC/C2.10 |
| 30 | NEW VERTICAL CURB OPENING TO MATCH WIDTH OF EXISTING WALK PATH   | - SEE DETAIL AD/C2.10 |
| 31 | REMOVE AND RELOCATE EXISTING LIGHT POLE AND ASSEMBLY   | - SEE DETAIL AE/C2.10 |
| 32 | REMOVE AND DISPOSE OF EXISTING ASPHALT, REPLACE ASPHALT AS NEEDED  | - SEE DETAIL AF/C2.10 |
| 33 | REMOVE AND DISPOSE OF EXISTING CURB, GUTTER, AND ASPHALT   | - SEE DETAIL AG/C2.10 |
| 34 | NEW SIDEWALK RAMP AT DRIVEWAY  | - SEE DETAIL AH/C2.11 |
| 35 | NEW STORM DRAIN GATE STRUCTURE   | - SEE DETAIL AI/C2.11 |
| 36 | CONNECT NEW STORM DRAIN TO EXISTING STORM DRAIN CATCH BASIN  | - SEE DETAIL AJ/C2.11 |
| 37 | NEW STORM DRAIN CATCH BASIN AT VALLEY GUTTER   | - SEE DETAIL AK/C2.11 |
| 38 | NEW 8" CONCRETE (TRASH ENCLOSURES & SERVICE AREA)  | - SEE DETAIL AL/C2.11 |
| 39 | NEW 18" SDR 35 PVC STORM DRAIN PIPE  | - SEE DETAIL AM/C2.10 |
| 40 | NEW 4" WIDE CONCRETE VALLEY GUTTER   | - SEE DETAIL AN/C2.10 |
| 41 | NEW 2'x8' NYLOPLAST STORM DRAIN CATCH BASIN WITH CURB HOOD   | - SEE DETAIL AO/C2.11 |
| 42 | NEW 12" NYLOPLAST AREA INLET DRAIN   | - SEE DETAIL AP/C2.11 |
| 43 | NEW 4" ACO KS100 POWER DRAIN WITH 4" ACO GRATE - GRATE TO BE WHEEL SAFE, BICYCLE SAFE, AND ADA COMPLIANT | - SEE DETAIL AQ/C2.11 |
| 44 | NEW 3' WIDE DEPRESSSED CURB OPENING  | - SEE DETAIL AR/C2.10 |

KEY PLAN



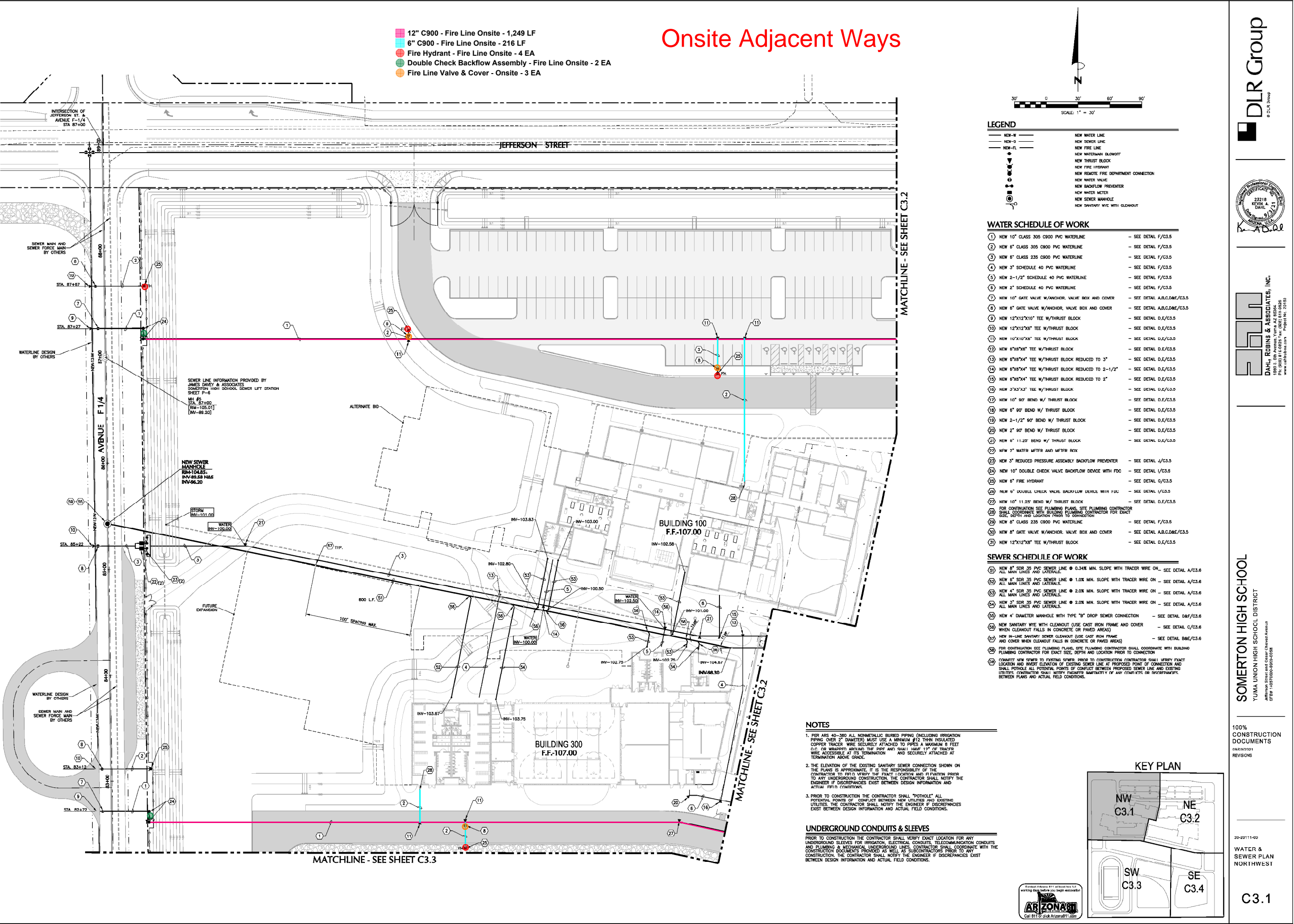
SOMERTON HIGH SCHOOL  
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Yuma, AZ 85001  
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100%  
CONSTRUCTION  
DOCUMENTS  
DRAWINGS  
REVISIONS

30-20111-00  
PAVING PLAN  
SOUTHEAST

C2.4

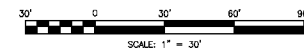






- 12" C900 - Fire Line Onsite - 1,696 LF
- 6" C900 - Fire Line Onsite - 255 LF
- Fire Hydrant - Fire Line Onsite - 4 EA
- Fire Line Valve & Cover - Onsite - 5 EA

# Onsite Adjacent Ways



## LEGEND

|        |                                       |
|--------|---------------------------------------|
| NEW-W  | NEW WATER LINE                        |
| NEW-S  | NEW SEWER LINE                        |
| NEW-FL | NEW FIRE LINE                         |
|        | NEW WATERMAN BLOWOFF                  |
|        | NEW THRUST BLOCK                      |
|        | NEW FIRE HYDRANT                      |
|        | NEW REMOTE FIRE DEPARTMENT CONNECTION |
|        | NEW WATER VALVE                       |
|        | NEW BACKFLOW PREVENTER                |
|        | NEW WATER METER                       |
|        | NEW SEWER MANHOLE                     |
|        | NEW SANITARY WYE WITH CLEANOUT        |

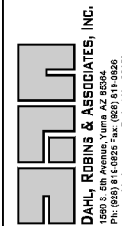
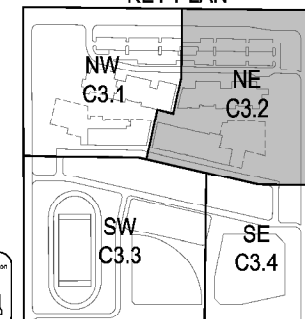
## WATER SCHEDULE OF WORK

- NEW 10" CLASS 305 C900 PVC WATERLINE - SEE DETAIL F/C3.5
- NEW 6" CLASS 305 C900 PVC WATERLINE - SEE DETAIL F/C3.5
- NEW 6" CLASS 235 C900 PVC WATERLINE - SEE DETAIL F/C3.5
- NEW 3" SCHEDULE 40 PVC WATERLINE - SEE DETAIL F/C3.5
- NEW 2-1/2" SCHEDULE 40 PVC WATERLINE - SEE DETAIL F/C3.5
- NEW 2" SCHEDULE 40 PVC WATERLINE - SEE DETAIL F/C3.5
- NEW 10" GATE VALVE W/ANCHOR, VALVE BOX AND COVER - SEE DETAIL A,B,C,D&E/C3.5
- NEW 6" GATE VALVE W/ANCHOR, VALVE BOX AND COVER - SEE DETAIL A,B,C,D&E/C3.5
- NEW 12"x12"x10" TEE W/THRUST BLOCK - SEE DETAIL D,E/C3.5
- NEW 12"x12"x8" TEE W/THRUST BLOCK - SEE DETAIL D,E/C3.5
- NEW 10"x10"x8" TEE W/THRUST BLOCK - SEE DETAIL D,E/C3.5
- NEW 8"x8"x8" TEE W/THRUST BLOCK - SEE DETAIL D,E/C3.5
- NEW 8"x8"x4" TEE W/THRUST BLOCK REDUCED TO 3" - SEE DETAIL D,E/C3.5
- NEW 8"x8"x4" TEE W/THRUST BLOCK REDUCED TO 2-1/2" - SEE DETAIL D,E/C3.5
- NEW 8"x8"x4" TEE W/THRUST BLOCK REDUCED TO 2" - SEE DETAIL D,E/C3.5
- NEW 3"x3"x3" TEE W/THRUST BLOCK - SEE DETAIL D,E/C3.5
- NEW 10" 90° BEND W/ THRUST BLOCK - SEE DETAIL D,E/C3.5
- NEW 6" 90° BEND W/ THRUST BLOCK - SEE DETAIL D,E/C3.5
- NEW 2-1/2" 90° BEND W/ THRUST BLOCK - SEE DETAIL D,E/C3.5
- NEW 2" 90° BEND W/ THRUST BLOCK - SEE DETAIL D,E/C3.5
- NEW 6" 11.25° BEND W/ THRUST BLOCK - SEE DETAIL D,E/C3.5
- NEW 3" WATER METER AND METER BOX - SEE DETAIL J/C3.5
- NEW 3" REDUCED PRESSURE ASSEMBLY BACKFLOW PREVENTER - SEE DETAIL J/C3.5
- NEW 10" DOUBLE CHECK VALVE BACKFLOW DEVICE WITH PDC - SEE DETAIL I/C3.5
- NEW 6" FIRE HYDRANT - SEE DETAIL G/C3.5
- NEW 6" DOUBLE CHECK VALVE BACKFLOW DEVICE WITH PDC - SEE DETAIL I/C3.5
- NEW 10" 11.25° BEND W/ THRUST BLOCK - SEE DETAIL D,E/C3.5
- FOR CONTINUATION SEE PLUMBING PLANS, SITE PLUMBING CONTRACTOR SHALL COORDINATE WITH BUILDING PLUMBING CONTRACTOR FOR EXACT SIZE, DEPTH AND LOCATION PRIOR TO CONNECTION
- NEW 6" CLASS 235 C900 PVC WATERLINE - SEE DETAIL F/C3.5
- NEW 8" GATE VALVE W/ANCHOR, VALVE BOX AND COVER - SEE DETAIL A,B,C,D&E/C3.5
- NEW 12"x12"x8" TEE W/THRUST BLOCK - SEE DETAIL D,E/C3.5

## SEWER SCHEDULE OF WORK

- NEW 8" SDR 35 PVC SEWER LINE @ 0.34% MIN. SLOPE WITH TRACER WIRE ON - SEE DETAIL A/C3.6
- NEW 6" SDR 35 PVC SEWER LINE @ 1.0% MIN. SLOPE WITH TRACER WIRE ON - SEE DETAIL A/C3.6
- NEW 4" SDR 35 PVC SEWER LINE @ 2.0% MIN. SLOPE WITH TRACER WIRE ON - SEE DETAIL A/C3.6
- NEW 3" SDR 35 PVC SEWER LINE @ 2.0% MIN. SLOPE WITH TRACER WIRE ON - SEE DETAIL A/C3.6
- NEW 4" DIAMETER MANHOLE WITH TYPE "B" DROP SEWER CONNECTION - SEE DETAIL D&F/C3.6
- NEW SANITARY WYE WITH CLEANOUT (USE CAST IRON FRAME AND COVER WHEN CLEANOUT FALLS IN CONCRETE OR PAVED AREAS) - SEE DETAIL C/C3.6
- NEW IN-LINE SANITARY SEWER CLEANOUT (USE CAST IRON FRAME AND COVER WHEN CLEANOUT FALLS IN CONCRETE OR PAVED AREAS) - SEE DETAIL B&E/C3.6
- FOR CONTINUATION SEE PLUMBING PLANS, SITE PLUMBING CONTRACTOR SHALL COORDINATE WITH BUILDING PLUMBING CONTRACTOR FOR EXACT SIZE, DEPTH AND LOCATION PRIOR TO CONNECTION
- CONNECT NEW SEWER TO EXISTING SEWER. PRIOR TO CONSTRUCTION CONTRACTOR SHALL VERIFY EXACT LOCATION AND INVERT ELEVATION OF EXISTING SEWER LINE AT PROPOSED POINT OF CONNECTION AND SHALL PORTHOLE ALL POTENTIAL POINTS OF CONFLICT BETWEEN PROPOSED SEWER LINE AND EXISTING UTILITIES. CONTRACTOR SHALL VERIFY EXISTING SANITARY WYE IF ANY EXIST FOR OR INTERFERE WITH PROPOSED SEWER LINE.

## KEY PLAN



SOMERTON HIGH SCHOOL  
YUMA UNION HIGH SCHOOL DISTRICT

100%  
CONSTRUCTION  
DOCUMENTS  
REVISIONS

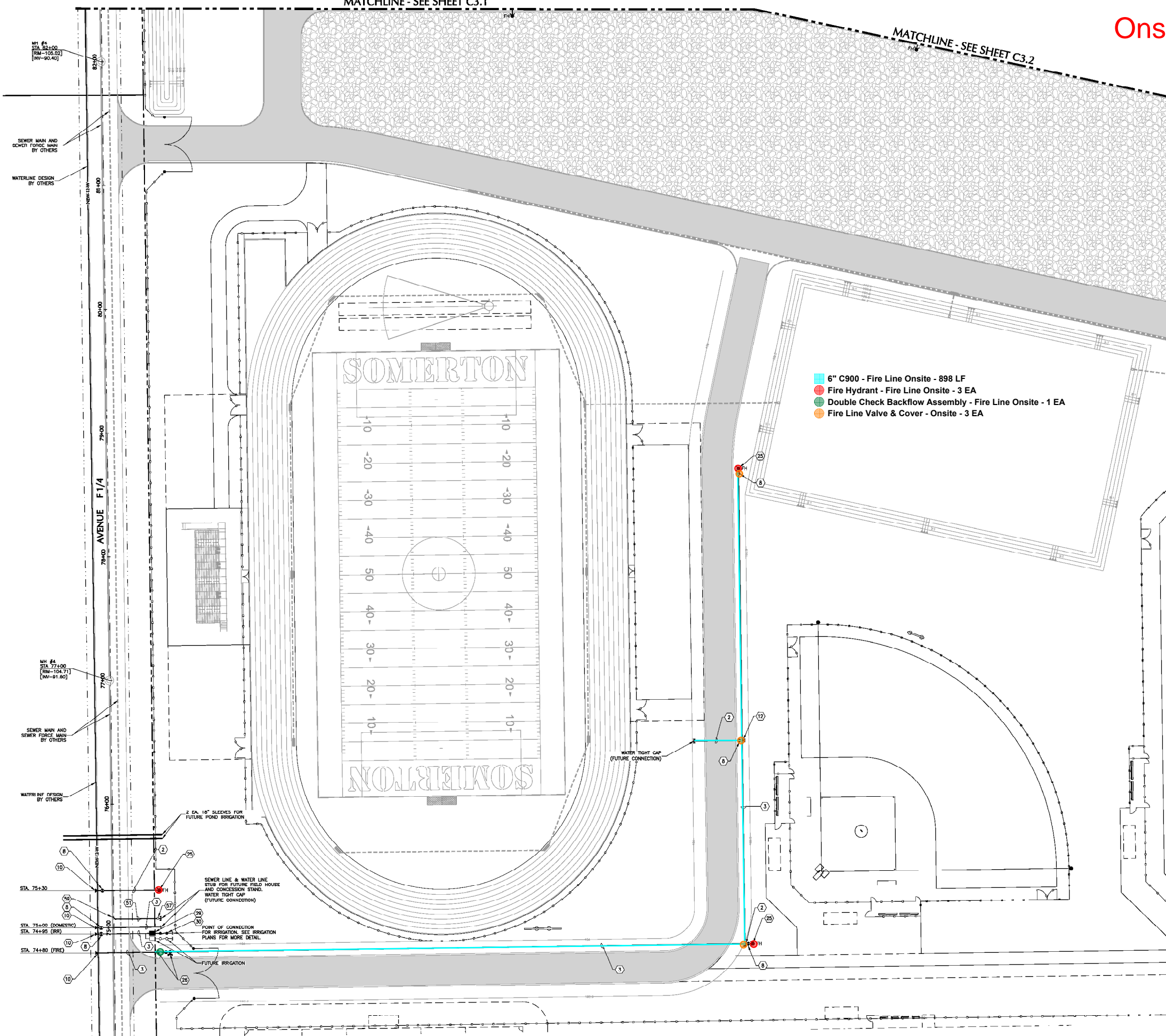
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WATER &  
SEWER PLAN  
NORTHEAST

























C3.2







## LEGEND

|   |        |   |                                       |
|---|--------|---|---------------------------------------|
|  | NEW-W  |  | NEW WATER LINE                        |
|  | NEW-S  |  | NEW SEWER LINE                        |
|  | NEW-FL |  | NEW FIRE LINE                         |
|  |        |  | NEW WATERMAIN BLOWOFF                 |
|  |        |  | NEW THRUST BLOCK                      |
|  |        |  | NEW FIRE HYDRANT                      |
|  |        |  | NEW REMOTE FIRE DEPARTMENT CONNECTION |
|  |        |  | NEW WATER VALVE                       |
|  |        |  | NEW BACKFLOW PREVENTER                |
|  |        |  | NEW WATER METER                       |
|  |        |  | NEW SEWER MANHOLE                     |
|  |        |  | NEW SANITARY WYE WITH CLEANOUT        |

## WATER SCHEDULE OF WORK

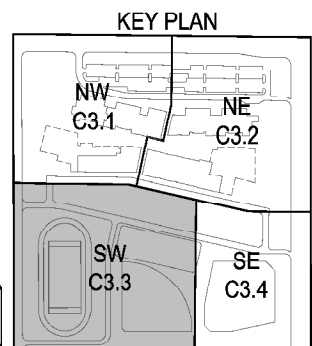
|    |   |                             |
|----|---|-----------------------------|
| 1  | NEW 10" CLASS 305 C900 PVC WATERLINE  | - SEE DETAIL F/C3.5         |
| 2  | NEW 6" CLASS 305 C900 PVC WATERLINE   | - SEE DETAIL F/C3.5         |
| 3  | NEW 6" CLASS 235 C900 PVC WATERLINE   | - SEE DETAIL F/C3.5         |
| 4  | NEW 3" SCHEDULE 40 PVC WATERLINE  | - SEE DETAIL F/C3.5         |
| 5  | NEW 2'-1/2" SCHEDULE 40 PVC WATERLINE   | - SEE DETAIL F/C3.6         |
| 6  | NEW 2" SCHEDULE 40 PVC WATERLINE  | - SEE DETAIL F/C3.5         |
| 7  | NEW 10" GATE VALVE W/ANCHOR, VALVE BOX AND COVER  | - SEE DETAIL A,B,C,D&E/C3.5 |
| 8  | NEW 6" GATE VALVE W/HNCHOR, VALVE BOX AND COVER   | - SEE DETAIL A,B,C,D&E/C3.5 |
| 9  | NEW 12"x12"x10" TEE W/THRUST BLOCK  | - SEE DETAIL D,E/C3.5       |
| 10 | NEW 12"x12"x6" TEE W/THRUST BLOCK   | - SEE DETAIL D,E/C3.5       |
| 11 | NEW 10"x10"x6" TEE W/THRUST BLOCK   | - SEE DETAIL D,E/C3.5       |
| 12 | NEW 6"x6"x6" TEE W/THRUST BLOCK   | - SEE DETAIL D,E/C3.5       |
| 13 | NEW 6"x6"x4" TEE W/THRUST BLOCK REDUCED TO 3"   | - SEE DETAIL D,E/C3.5       |
| 14 | NEW 6"x6"x4" TEE W/THRUST BLOCK REDUCED TO 2'-1/2"  | - SEE DETAIL D,E/C3.5       |
| 15 | NEW 6"x6"x4" TEE W/THRUST BLOCK REDUCED TO 2"   | - SEE DETAIL D,E/C3.5       |
| 16 | NEW 3"x3"x3" TEE W/THRUST BLOCK   | - SEE DETAIL D,E/C3.5       |
| 17 | NEW 10" 90° BEND W/ THRUST BLOCK  | - SEE DETAIL D,E/C3.5       |
| 18 | NEW 6" 90° BEND W/ THRUST BLOCK   | - SEE DETAIL D,E/C3.5       |
| 19 | NEW 2'-1/2" 90° BEND W/ THRUST BLOCK  | - SEE DETAIL D,E/C3.5       |
| 20 | NEW 2" 90° BEND W/ THRUST BLOCK   | - SEE DETAIL D,E/C3.5       |
| 21 | NEW 6" 11.25° BEND W/ THRUST BLOCK  | - SEE DETAIL D,E/C3.5       |
| 22 | NEW 2" WATER METER AND METER BOX  | - SEE DETAIL J/C3.5         |
| 23 | NEW 3" REDUCED PRESSURE ASSEMBLY BACKFLOW PREVENTER   | - SEE DETAIL J/C3.5         |
| 24 | NEW 10" DOUBLE CHECK VALVE BACKFLOW DEVICE WITH FDC   | - SEE DETAIL I/C3.5         |
| 25 | NEW 6" FIRE HYDRANT   | - SEE DETAIL Q/C3.0         |
| 26 | NEW 6" DOUBLE CHECK VALVE BACKFLOW DEVICE WITH FDC  | - SEE DETAIL I/C3.5         |
| 27 | NEW 10" 11.25° BEND W/ THRUST BLOCK   | - SEE DETAIL D,E/C3.5       |
| 28 | FOR CONTRIBUTION SEE PLUMBING PLANS, SITE PLUMBING CONTRACTOR SHALL COORDINATE WITH LOCAL PLUMBING CONTRACTOR FOR EXIST' SIZE, DEPTH AND LOCATION PRIOR TO CONNECTION |                             |
| 29 | NEW 3" WATER METER (300 GPM) AND METER BOX (IRRIGATION)   |                             |
| 30 | NEW 3" DOUBLE CHECK VALVE BACKFLOW DEVICE (IRRIGATION)  |                             |

## SEWER SCHEDULE OF WORK

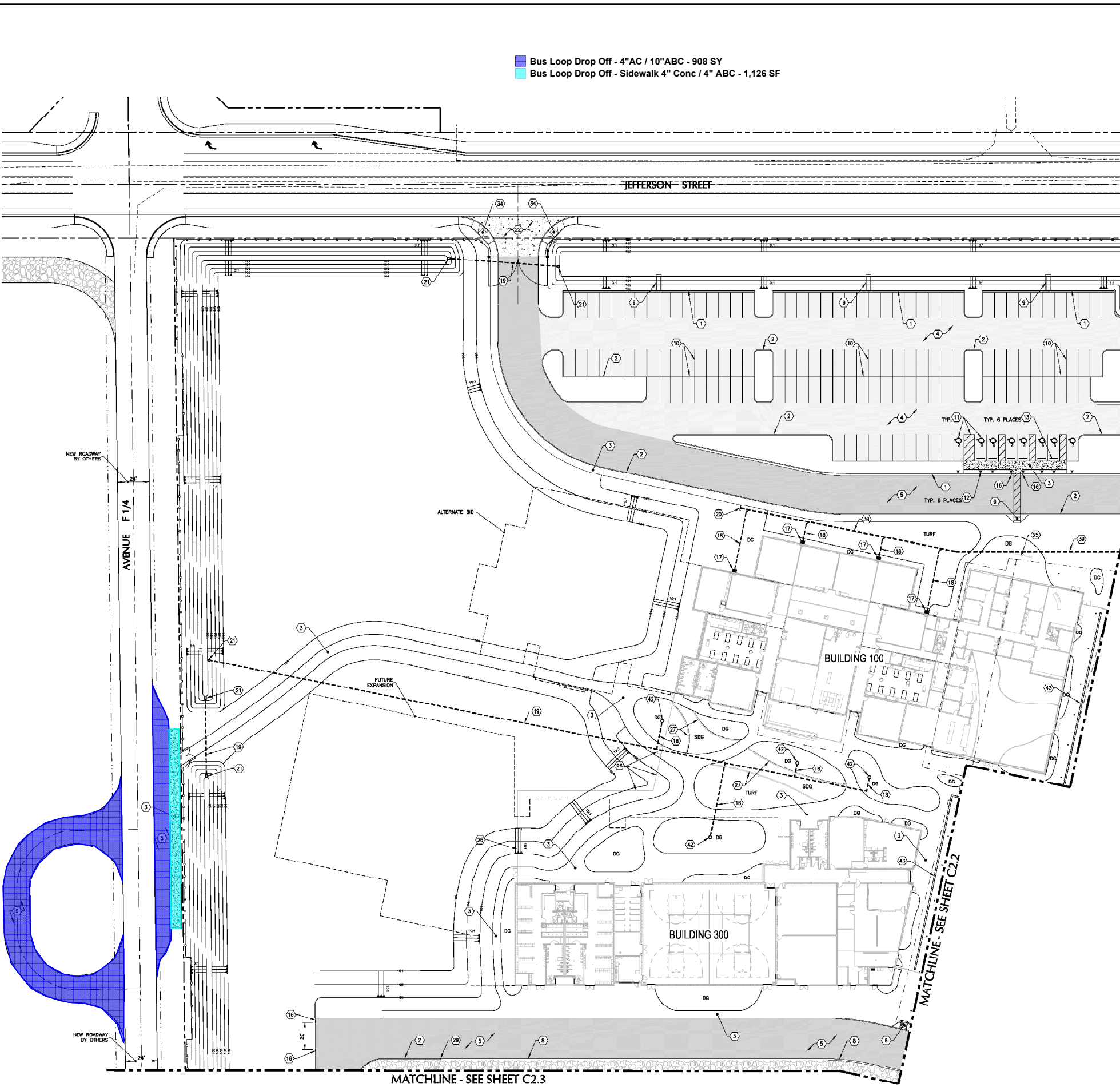
- 51 NEW 8" SDR 35 PVC SEWER LINE @ 0.34% MIN. SLOPE WITH TRACER WIRE ON ALL MAIN LINES AND LATERALS. - SEE DETAIL A/C
- 52 NEW 8" SDR 35 PVC SEWER LINE @ 1.0% MIN. SLOPE WITH TRACER WIRE ON ALL MAIN LINES AND LATERALS. - SEE DETAIL A/C
- 53 NEW 4" SDR 35 PVC SEWER LINE @ 2.0% MIN. SLOPE WITH TRACER WIRE ON ALL MAIN LINES AND LATERALS. - SEE DETAIL A/C
- 54 NEW 3" SDR 35 PVC SEWER LINE @ 2.0% MIN. SLOPE WITH TRACER WIRE ON ALL MAIN LINES AND LATERALS. - SEE DETAIL A/C
- 55 8" DIAMETER MANHOLE WITH TYPE "B" DROP SEWER CONNECTION - SEE DETAIL DB/C
- 56 NEW SANITARY W/ WITH CLEANOUT (USE CAST IRON FRAME AND COVER WHEN CLEANOUT FALLS IN CONCRETE OR PAVED AREAS) - SEE DETAIL C/C
- 57 NEW IN-LINE SANITARY SEWER CLEANOUT (USE CAST IRON FRAME AND COVER WHEN CLEANOUT FALLS IN CONCRETE OR PAVED AREAS) - SEE DETAIL DB/C

FOR CONTINUATION SEE PLUMBING PLANS. SITE PLUMBING CONTRACTOR SHALL COORDINATE WITH BUILDING PLUMBING CONTRACTOR FOR EXACT SIZE, DEPTH AND LOCATION PRIOR TO CONNECTION

CONNECT NEW SEWER TO EXISTING SEWER PRIOR TO CONSTRUCTION CONTRACTOR SHALL VERIFY EXISTING SEWER INVERT ELEVATION AND LOCATE EXISTING LINE AT PROPOSED POINT OF CONNECTION AND SHALL POT-HOLE ALL POTENTIAL POINTS OF CONFLICT BETWEEN PROPOSED SEWER LINE AND EXISTING UTILITIES. CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY OF ANY CONFLICTS OR DISCREPANCIES.

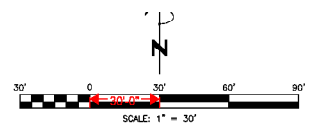






- Bus Loop Drop Off - 4"AC / 10"ABC - 908 SY
- Bus Loop Drop Off - Sidewalk 4" Conc / 4" ABC - 1,126 SF

Offsite Adjacent Ways



NOTES

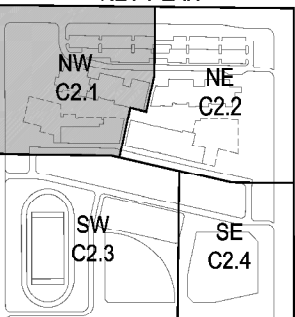
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- ALL CITY OF YUMA REQUIRED COMPACTION AND LABORATORY TEST SHALL BE FURNISHED BY THE CONTRACTOR TO THE OWNER PRIOR TO THE ACCEPTANCE OF THE PROJECT.
- CONTRACTOR TO MAINTAIN DUST ABATEMENT AT ALL TIMES DURING CONSTRUCTION.
- REFER TO THE SITE DIMENSION PLAN FOR LOCATION OF ALL NEW CONSTRUCTION.
- REFER TO STRUCTURAL PLANS FOR BUILDING GLAD SCOTIONS, FOOTINGS, AND FOUNDATION PLANS.
- ALL ENGINEERED BACKFILL TO BE COMPACTED TO 95% OF MAXIMUM DENSITY AT OPTIMUM MOISTURE.
- UNDERGROUND UTILITIES SHOWN HEREON ARE ONLY APPROXIMATE. CONTRACTOR SHALL VERIFY LOCATION, DEPTH AND ROUTING OF ALL UTILITIES BEFORE CONSTRUCTION.
- ALL EXISTING MONUMENTATION SHALL BE REFERENCED PRIOR TO CONSTRUCTION AND REPLACED AFTER ALL WORK IS COMPLETED BY THE CONTRACTOR. (IF DISTURBED)
- PAVING CONTRACTOR TO PROVIDE ALL BACKFILL REQUIRED BEHIND ALL NEW IMPROVEMENTS IN ACCORDANCE WITH THE TYPICAL DETAILS AND SLOPE LINES SHOWN HEREON.
- PAVING CONTRACTOR TO COORDINATE WITH IRRIGATION AND UTILITY CONTRACTORS TO INSURE INSTALLATION OF IRRIGATION AND ELECTRICAL CONDUITS AND ALL UNDERGROUND UTILITIES PRIOR TO PAVING.
- ALL DIMENSIONS ARE MEASURED FROM THE FACE OF CURB, UNLESS OTHERWISE NOTED.
- REFER TO THE GEOTECHNICAL SOILS INVESTIGATION FOR PREPARATION OF BUILDING PAD & PARKING LOT AREA.
- CONTRACTOR TO OBTAIN ENCROACHMENT PERMIT FOR ALL WORK WITHIN CITY OR COUNTY RIGHT-OF-WAY.
- CONTRACTOR SHALL MAINTAIN ACCESS AT ALL TIMES.

ABBREVIATIONS

|      |                              |
|------|------------------------------|
| TURF | TURF GRASS BERMLAND          |
| SDG  | STABILIZED DECOMPOST GRANITE |
| DG   | DECOMPOSED GRANITE           |

PAVING SCHEDULE OF WORK

- 1 NEW VERTICAL CURB AND GUTTER - SEE DETAIL A/C2.10
- 2 NEW VERTICAL CURB - SEE DETAIL B/C2.10
- 3 NEW 4" THICK CONCRETE SIDEWALK - SEE DETAIL C/C2.10
- 4 NEW ASPHALTIC CONCRETE PAVEMENT (AC) LIGHT DUTY - SEE DETAIL D/C2.10
- 5 4" ASPHALTIC CONCRETE OVER 8" ABC - SEE DETAIL E/C2.10
- 6 NEW ASPHALTIC CONCRETE PAVEMENT (AC) HEAVY DUTY - SEE DETAIL F/C2.10
- 7 4" ASPHALTIC CONCRETE OVER 10" ABC - SEE DETAIL G/C2.10
- 8 NEW SIDEWALK RAMP - SEE DETAIL H/C2.10
- 9 NEW 6" ABC SURFACE - SEE DETAIL I/C2.10
- 10 NEW 12" WIDE CONCRETE BORDER (FLAT) CURB - SEE DETAIL J/C2.10
- 11 NEW CONCRETE SPILLWAY WITH DEPRESSED CURB - SEE DETAIL K/C2.10
- 12 NEW 4" WHITE PAINT STRIPING - SEE DETAIL L/C2.10
- 13 NEW PAVEMENT MARKING - SEE DETAIL M/C2.10
- 14 NEW "HANDICAP PARKING ONLY" SIGN - SEE DETAIL N/C2.10
- 15 NEW CONCRETE PARKING BUMPER - SEE DETAIL O/C2.10
- 16 NEW DRIVEWAY - SEE DETAIL P/C2.10
- 17 NEW CONCRETE SPILLWAY DISCHARGE @ SIDEWALK - SEE DETAIL Q/C2.10
- 18 NEW 3' CURB TERMINATION - SEE DETAIL R/C2.10
- 19 NEW 2'X2' NYLOPLAST STORM DRAIN CATCH BASIN WITHOUT CURB HOOD - SEE DETAIL S/C2.11
- 20 NEW 8" SDR 35 PVC STORM DRAIN PIPE - SEE DETAIL T/C2.10
- 21 NEW 12" SDR 35 PVC STORM DRAIN PIPE - SEE DETAIL U/C2.10
- 22 NEW WATERTIGHT CAP - FUTURE CONNECTION
- 23 NEW CONCRETE CUTOFF WALL - SEE DETAIL V/C2.10
- 24 NEW CONCRETE DRIVEWAY WITH CURB RETURNS - SEE DETAIL W/C2.10
- 25 NEW RIGHT OUT ONLY CONCRETE DRIVEWAY WITH CURB RETURNS - SEE DETAIL X/C2.10
- 26 NEW CONCRETE SEAT WALL - SEE ARCHITECTURAL PLANS FOR DETAILS
- 27 NEW MONUMENT SIGN - SEE ARCHITECTURAL PLANS FOR DETAILS
- 28 NEW STEEL TUBE FENCING WITH GATES - SEE ARCHITECTURAL PLANS FOR DETAILS
- 29 NEW CONCRETE HEADER - SEE LANDSCAPE PLANS FOR DETAILS
- 30 NEW CONCRETE VALLEY GUTTER - SEE DETAIL A/C2.11
- 31 NEW 3' VERTICAL CURB TRANSITION TO BORDER (FLAT) CURB - SEE DETAIL B/C2.10
- 32 NEW VERTICAL CURB OPENING TO MATCH WIDTH OF EXISTING WALK PATH
- 33 REMOVE AND RELOCATE EXISTING LIGHT POLE AND ASSEMBLY
- 34 REMOVE AND DISPOSE OF EXISTING ASPHALT, REPLACE ASPHALT AS NEEDED
- 35 REMOVE AND DISPOSE OF EXISTING CURB, GUTTER, AND ASPHALT
- 36 NEW SIDEWALK RAMP AT DRIVEWAY - SEE DETAIL B/C2.11
- 37 NEW STORM DRAIN GATE STRUCTURE - SEE DETAIL C/C2.11
- 38 CONNECT NEW STORM DRAIN TO EXISTING STORM DRAIN CATCH BASIN
- 39 NEW STORM DRAIN CATCH BASIN AT VALLEY GUTTER - SEE DETAIL D/C2.11
- 40 NEW 8" CONCRETE (TRASH ENCLOSURES & SERVICE AREA) - SEE DETAIL E/C2.11
- 41 NEW 10" SDR 35 PVC STORM DRAIN PIPE - SEE DETAIL F/C2.10
- 42 NEW 4" WIDE CONCRETE VALLEY GUTTER
- 43 NEW 2'X8' NYLOPLAST STORM DRAIN CATCH BASIN WITH CURB HOOD - SEE DETAIL F/C2.11
- 44 NEW 12" NYLOPLAST AREA INLET DRAIN - SEE DETAIL F/C2.11
- 45 NEW 4" AND 6" NYLOPLAST STORM DRAIN WITH 4" AND 6" GRATE - GRATE TO BE HEEL SAFE, BICYCLE SAFE, AND ADA COMPLIANT
- 46 NEW 3' WIDE DEPRESSED CURB OPENING - SEE DETAIL I/C2.10



**DAHL, ROBINS & ASSOCIATES, INC.**  
1000 S. 5th Avenue, Yuma, AZ 85504  
PH: (951) 811-0025 FAX: (951) 811-0026  
www.dahlrobinson.com Project No. 2010

**SOMERTON HIGH SCHOOL**  
YUMA UNION HIGH SCHOOL DISTRICT  
Jefferson Street and Cesar Chavez Avenue  
EFTB 14075000-0000-0000

100%  
CONSTRUCTION  
DOCUMENTS  
REVISIONS

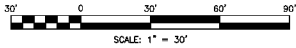
30-20111-00  
PAVING PLAN  
NORTHWEST

C2.1



Cesar Chavez - Concrete Driveway - 764 SF  
Cesar Chavez - Sidewalk 4" Conc / 4" ABC - 333 SF  
Cesar Chavez - Concrete Vertical Curb - 86 LF

Offsite Adjacent Ways



NOTES

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2. ALL CITY OF YUMA REQUIRED COMPACTION AND LABORATORY TEST SHALL BE FURNISHED BY THE CONTRACTOR TO THE OWNER PRIOR TO THE ACCEPTANCE OF THE PROJECT.
3. CONTRACTOR TO MAINTAIN DUST ABATEMENT AT ALL TIMES DURING CONSTRUCTION.
4. REFER TO THE SITE DIMENSION PLAN FOR LOCATION OF ALL NEW CONSTRUCTION.
5. REFER TO STRUCTURAL PLANS FOR BUILDING GLAD SCOTIONS, FOOTINGS, AND FOUNDATION PLANS.
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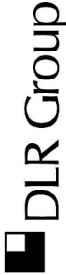
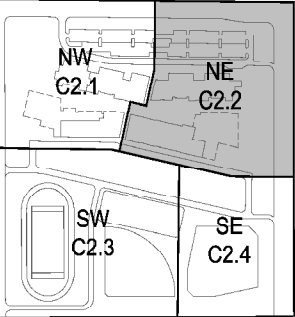
ABBREVIATIONS

|      |                               |
|------|-------------------------------|
| TURF | TURF GRASS PERMUDA            |
| SDG  | STABILIZED DECOMPOSED GRANITE |
| DG   | DECOMPOSED GRANITE            |

PAVING SCHEDULE OF WORK

- |    |   |                      |
|----|---|----------------------|
| 1  | NEW VERTICAL CURB AND GUTTER  | - SEE DETAIL A/C2.10 |
| 2  | NEW VERTICAL CURB   | - SEE DETAIL B/C2.10 |
| 3  | NEW 4" THICK CONCRETE SIDEWALK  | - SEE DETAIL C/C2.10 |
| 4  | NEW ASPHALTIC CONCRETE PAVEMENT (AC) LIGHT DUTY   | - SEE DETAIL D/C2.10 |
| 5  | NEW ASPHALTIC CONCRETE PAVEMENT (AC) HEAVY DUTY   | - SEE DETAIL E/C2.10 |
| 6  | NEW ASPHALTIC CONCRETE OVER 10" ABC   | - SEE DETAIL F/C2.10 |
| 7  | NEW 6" ABC SURFACE  | - SEE DETAIL G/C2.10 |
| 8  | NEW 12" WIDE CONCRETE BORDER (FLAT) CURB  | - SEE DETAIL H/C2.10 |
| 9  | NEW CONCRETE SPILLWAY WITH DEPRESSION CURB AND ROCK RIP-RAP (3'-5')                                     | - SEE DETAIL I/C2.10 |
| 10 | NEW 4" WHITE PAINT STRIPING   | - SEE DETAIL J/C2.10 |
| 11 | NEW PAVEMENT MARKING  | - SEE DETAIL K/C2.10 |
| 12 | NEW "HANDICAP PARKING ONLY" SIGN  | - SEE DETAIL L/C2.10 |
| 13 | NEW CONCRETE PARKING BUMPER   | - SEE DETAIL M/C2.10 |
| 14 | NEW DRIVEWAY  | - SEE DETAIL N/C2.10 |
| 15 | NEW CONCRETE SPILLWAY DISCHARGE @ SIDEWALK  | - SEE DETAIL O/C2.10 |
| 16 | NEW 3" CURB TERMINATION   | - SEE DETAIL P/C2.10 |
| 17 | NEW 2'x7' NYLOPLAST STORM DRAIN CATCH BASIN WITHOUT CURB HOOD   | - SEE DETAIL Q/C2.11 |
| 18 | NEW 6" SDR 35 PVC STORM DRAIN PIPE  | - SEE DETAIL R/C2.10 |
| 19 | NEW 12" SDR 35 PVC STORM DRAIN PIPE   | - SEE DETAIL S/C2.10 |
| 20 | NEW WATERTIGHT CAP - FUTURE CONNECTION  | - SEE DETAIL T/C2.10 |
| 21 | NEW CONCRETE CUTOFF WALL  | - SEE DETAIL U/C2.10 |
| 22 | NEW CONCRETE DRIVEWAY WITH CURB RETURNS   | - SEE DETAIL V/C2.10 |
| 23 | NEW RIGHT OUT ONLY CONCRETE DRIVEWAY WITH CURB RETURNS  | - SEE DETAIL W/C2.10 |
| 24 | NEW CONCRETE SEAT WALL - SEE ARCHITECTURAL PLANS FOR DETAILS  |                      |
| 25 | NEW MONUMENT SIGN - SEE ARCHITECTURAL PLANS FOR DETAILS   |                      |
| 26 | NEW STEEL TUBE FENCING WITH GATES - SEE ARCHITECTURAL PLANS FOR DETAILS                                 |                      |
| 27 | NEW CONCRETE HEADER - SEE LANDSCAPE PLANS FOR DETAILS   |                      |
| 28 | NEW CONCRETE VALLEY GUTTER  | - SEE DETAIL A/C2.11 |
| 29 | NEW 3" VERTICAL CURB TRANSITION TO BORDER (FLAT) CURB   | - SEE DETAIL B/C2.11 |
| 30 | NEW VERTICAL CURB OPENING TO MATCH WIDTH OF EXISTING WALK PATH  |                      |
| 31 | REMOVE AND RELOCATE EXISTING LIGHT POLE AND ASSEMBLY  |                      |
| 32 | REMOVE AND DISPOSE OF EXISTING ASPHALT. REPLACE ASPHALT AS NEEDED                                       |                      |
| 33 | REMOVE AND DISPOSE OF EXISTING CURB, GUTTER, AND ASPHALT  |                      |
| 34 | NEW SIDEWALK RAMP AT DRIVEWAY   | - SEE DETAIL B/C2.11 |
| 35 | NEW STORM DRAIN GATE STRUCTURE  | - SEE DETAIL C/C2.11 |
| 36 | CONNECT NEW STORM DRAIN TO EXISTING STORM DRAIN CATCH BASIN   |                      |
| 37 | NEW STORM DRAIN CATCH BASIN AT VALLEY GUTTER  | - SEE DETAIL D/C2.11 |
| 38 | NEW 6" CONCRETE (TRASH ENCLOSURES & SERVICE AREA)   | - SEE DETAIL E/C2.11 |
| 39 | NEW 18" SDR 35 PVC STORM DRAIN PIPE   | - SEE DETAIL F/C2.10 |
| 40 | NEW 4" WIDE CONCRETE VALLEY GUTTER  |                      |
| 41 | NEW 2'x8' NYLOPLAST STORM DRAIN CATCH BASIN WITH CURB HOOD  | - SEE DETAIL F/C2.11 |
| 42 | NEW 12" NYLOPLAST AREA INLET DRAIN  | - SEE DETAIL F/C2.11 |
| 43 | NEW 4" AGO K5100 POWER DRAIN WITH 4" AGO GRATE - GRATE TO BE HEEL SAFE, BICYCLE SAFE, AND ADA COMPLIANT |                      |
| 44 | NEW 3" WIDE DEPRESSION CURB OPENING   | - SEE DETAIL I/C2.10 |

KEY PLAN



**DAHL ROBINS & ASSOCIATES, INC.**  
1000 S. 3rd Avenue, Yuma, AZ 85404  
PH: (928) 815-0025 FAX: (928) 815-0026  
www.dahlrobinson.com Project No. 20110

**SOMERTON HIGH SCHOOL**

YUMA UNION HIGH SCHOOL DISTRICT  
Jefferson Street and Cesar Chavez Avenue  
EFTB 14057000-0005-0008

100%  
CONSTRUCTION  
DOCUMENTS  
REVISIONS

30-20111-00  
PAVING PLAN  
NORTHEAST

C2.2

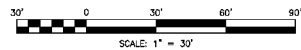




MATCHLINE - SEE SHEET C2.1

MATCHLINE - SEE SHEET C2.2

# Offsite Adjacent Ways



## NOTES

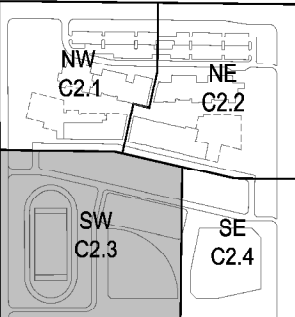
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- REFER TO STRUCTURAL PLANS FOR BUILDING SLAB SECTIONS, FOOTINGS, AND FOUNDATION PLANS.
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- PAVING CONTRACTOR TO PROVIDE ALL BACKFILL REQUIRED BEHIND ALL NEW IMPROVEMENTS IN ACCORDANCE WITH THE TYPICAL DETAILS AND SLOPE LINES SHOWN HEREON.
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- CONTRACTOR SHALL MAINTAIN ACCESS AT ALL TIMES.

## ABBREVIATIONS

|      |                               |
|------|-------------------------------|
| TURF | TURF GRASS DETAIL/IDA         |
| SDG  | STABILIZED DECOMPOSED GRANITE |
| DG   | DECOMPOSED GRANITE            |

## PAVING SCHEDULE OF WORK

|    |   |                       |
|----|---|-----------------------|
| 1  | NEW VERTICAL CURB AND GUTTER  | - SEE DETAIL A/C2.10  |
| 2  | NEW VERTICAL CURB   | - SEE DETAIL B/C2.10  |
| 3  | NEW 4" THICK CONCRETE SIDEWALK  | - SEE DETAIL C/C2.10  |
| 4  | NEW ASPHALTIC CONCRETE PAVEMENT (AC) LIGHT DUTY   | - SEE DETAIL D/C2.10  |
| 5  | NEW ASPHALTIC CONCRETE PAVEMENT (AC) HEAVY DUTY   | - SEE DETAIL E/C2.10  |
| 6  | NEW ASPHALTIC CONCRETE OVER 10" ABC   | - SEE DETAIL F/C2.10  |
| 7  | NEW SIDEWALK RAMP   | - SEE DETAIL G/C2.10  |
| 8  | NEW 6" ABC SURFACE  | - SEE DETAIL H/C2.10  |
| 9  | NEW 12" WIDE CONCRETE BORDER (FLAT) CURB  | - SEE DETAIL I/C2.10  |
| 10 | NEW CONCRETE SPILLWAY WITH DEPRESSION CURB  | - SEE DETAIL J/C2.10  |
| 11 | AND ROCK RIP-RAP (3"-6")  | - SEE DETAIL K/C2.10  |
| 12 | NEW 4" WHITE PAINT STRIPING   | - SEE DETAIL L/C2.10  |
| 13 | NEW PAVEMENT MARKING  | - SEE DETAIL M/C2.10  |
| 14 | NEW "HANDICAP PARKING ONLY" SIGN  | - SEE DETAIL N/C2.10  |
| 15 | NEW CONCRETE PARKING BUMPER   | - SEE DETAIL O/C2.10  |
| 16 | NEW DRIVEWAY  | - SEE DETAIL P/C2.10  |
| 17 | NEW CONCRETE SPILLWAY DISCHARGE @ SIDEWALK  | - SEE DETAIL Q/C2.10  |
| 18 | NEW 3" CURB TERMINATION   | - SEE DETAIL R/C2.10  |
| 19 | NEW 2'X3' NYLOPLAST STORM DRAIN CATCH BASIN WITHOUT CURB HOOD   | - SEE DETAIL S/C2.11  |
| 20 | NEW 6" SDR 35 PVC STORM DRAIN PIPE  | - SEE DETAIL T/C2.10  |
| 21 | NEW 12" SDR 35 PVC STORM DRAIN PIPE   | - SEE DETAIL U/C2.10  |
| 22 | NEW WATERTIGHT CAP - FUTURE CONNECTION  | - SEE DETAIL V/C2.10  |
| 23 | NEW CONCRETE CUTOFF WALL  | - SEE DETAIL W/C2.10  |
| 24 | NEW CONCRETE DRIVEWAY WITH CURB RETURNS   | - SEE DETAIL X/C2.10  |
| 25 | NEW RIGHT OUT ONLY CONCRETE DRIVEWAY WITH CURB RETURNS  | - SEE DETAIL Y/C2.10  |
| 26 | NEW CONCRETE SEAT WALL - SEE ARCHITECTURAL PLANS FOR DETAILS  | - SEE DETAIL Z/C2.10  |
| 27 | NEW MONUMENT SIGN - SEE ARCHITECTURAL PLANS FOR DETAILS   | - SEE DETAIL AA/C2.11 |
| 28 | NEW STEEL TUBE FENCING WITH GATES - SEE ARCHITECTURAL PLANS FOR DETAILS                                 | - SEE DETAIL AB/C2.11 |
| 29 | NEW CONCRETE HEADER - SEE LANDSCAPE PLANS FOR DETAILS   | - SEE DETAIL AC/C2.11 |
| 30 | NEW CONCRETE VALLEY GUTTER  | - SEE DETAIL AD/C2.11 |
| 31 | NEW 3" VERTICAL CURB TRANSITION TO BORDER (FLAT) CURB   | - SEE DETAIL AE/C2.11 |
| 32 | NEW VERTICAL CURB OPENING TO MATCH WIDTH OF EXISTING WALK PATH  | - SEE DETAIL AF/C2.11 |
| 33 | REMOVE AND RELOCATE EXISTING LIGHT POLE AND ASSEMBLY  | - SEE DETAIL AG/C2.11 |
| 34 | REMOVE AND DISPOSE OF EXISTING ASPHALT. REPLACE ASPHALT AS NEEDED                                       | - SEE DETAIL AH/C2.11 |
| 35 | REMOVE AND DISPOSE OF EXISTING CURB, GUTTER, AND ASPHALT  | - SEE DETAIL AI/C2.11 |
| 36 | NEW SIDEWALK RAMP AT DRIVEWAY   | - SEE DETAIL AJ/C2.11 |
| 37 | NEW STORM DRAIN GATE STRUCTURE  | - SEE DETAIL AK/C2.11 |
| 38 | CONNECT NEW STORM DRAIN TO EXISTING STORM DRAIN CATCH BASIN   | - SEE DETAIL AL/C2.11 |
| 39 | NEW STORM DRAIN CATCH BASIN AT VALLEY GUTTER  | - SEE DETAIL AM/C2.11 |
| 40 | NEW 6" CONCRETE (TRASH ENCLOSURES & SERVICE AREA)   | - SEE DETAIL AN/C2.11 |
| 41 | NEW 18" SDR 35 PVC STORM DRAIN PIPE   | - SEE DETAIL AO/C2.10 |
| 42 | NEW 4" WIDE CONCRETE VALLEY GUTTER  | - SEE DETAIL AP/C2.11 |
| 43 | NEW 2'X6" NYLOPLAST STORM DRAIN CATCH BASIN WITH CURB HOOD  | - SEE DETAIL AQ/C2.11 |
| 44 | NEW 12" NYLOPLAST AREA INLET DRAIN  | - SEE DETAIL AR/C2.11 |
| 45 | NEW 4" ACO KS100 POWER DRAIN WITH 4" ACO GRATE - GRATE TO BE HEEL SAFE, BICYCLE SAFE, AND ADA COMPLIANT | - SEE DETAIL AS/C2.11 |
| 46 | NEW 3" WIDE DEPRESSION CURB OPENING   | - SEE DETAIL AT/C2.10 |



**DAHL, ROBINS & ASSOCIATES, INC.**  
1690 S. 5th Avenue, Yuma, AZ 85504  
PH: (951) 815-0025 FAX: (951) 815-0026  
www.dahlrobinson.com Project No. 2019-001

**SOMERTON HIGH SCHOOL**  
YUMA UNION HIGH SCHOOL DISTRICT  
Jefferson Street and Cesar Chavez Avenue  
Yuma, AZ 85506  
EIRB 14075000-0000-0001

100% CONSTRUCTION DOCUMENTS  
04/09/2021  
REV/SIONS

30-20111-00  
PAVING PLAN  
SOUTHWEST

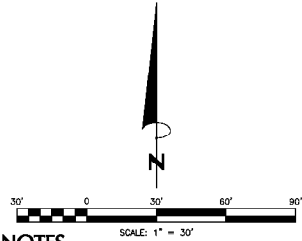
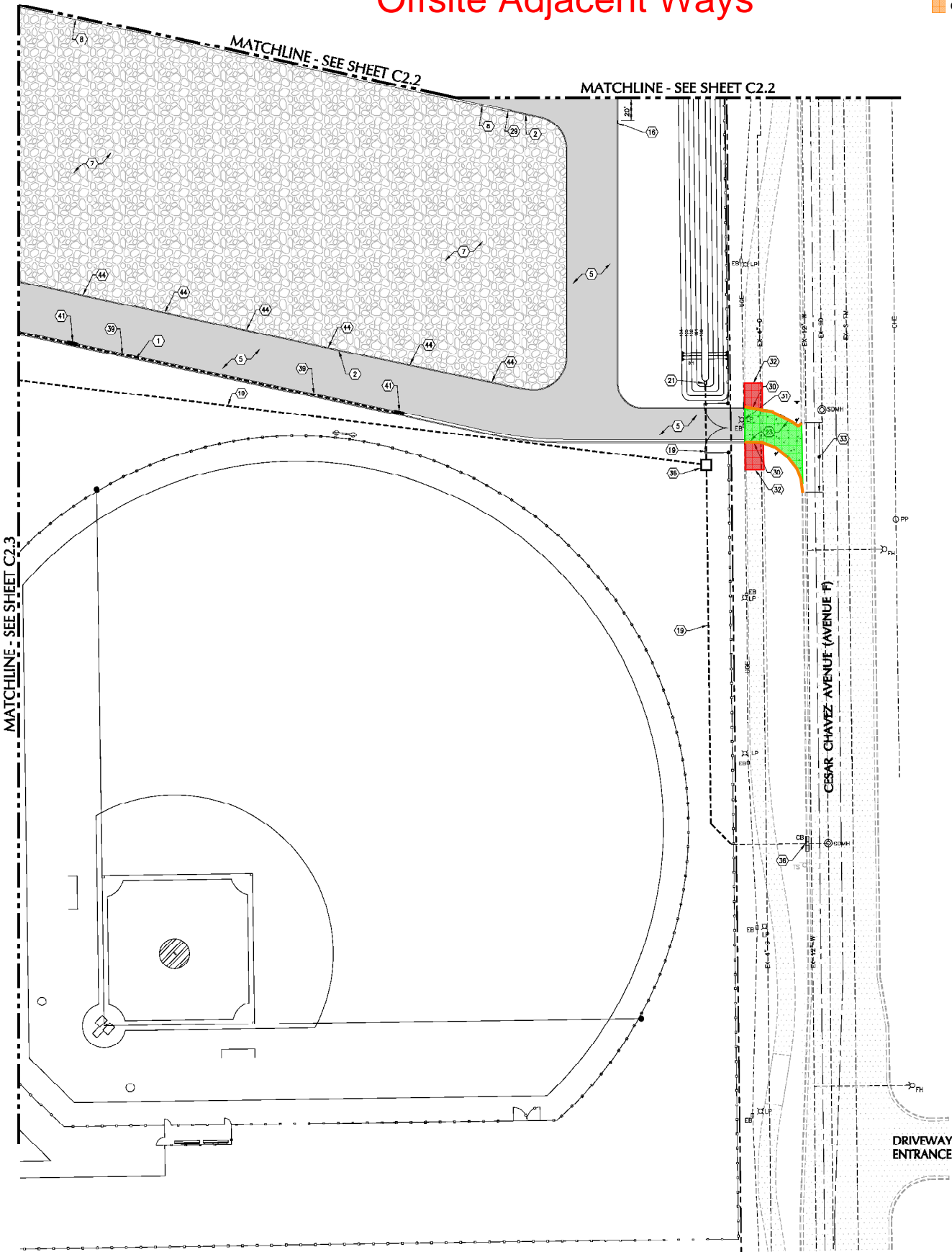
C2.3





Offsite Adjacent Ways

- Cesar Chavez - Concrete Driveway - 761 SF
- Cesar Chavez - Sidewalk 4" Conc / 4" ABC - 342 SF
- Cesar Chavez - Concrete Vertical Curb - 89 LF



NOTES

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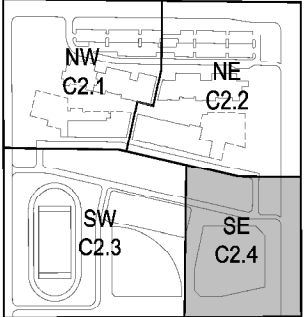
ABBREVIATIONS

- TURF TURF GRASSS BERMUDA
- SDS STABILIZED DECOMPOSED GRANITE
- DG DECOMPOSED GRANITE

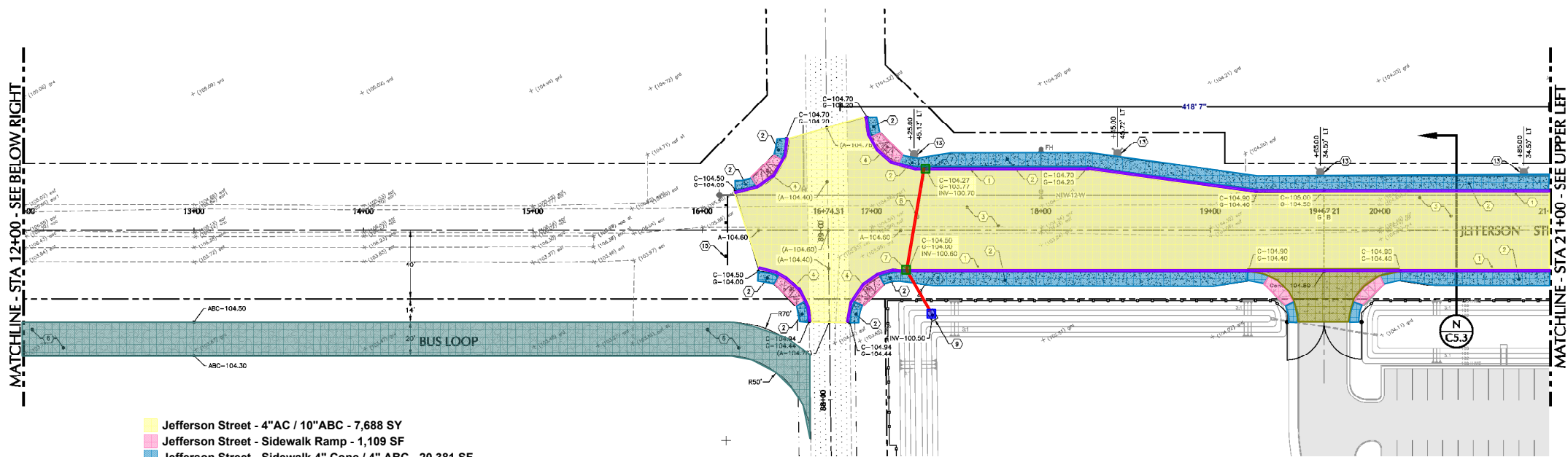
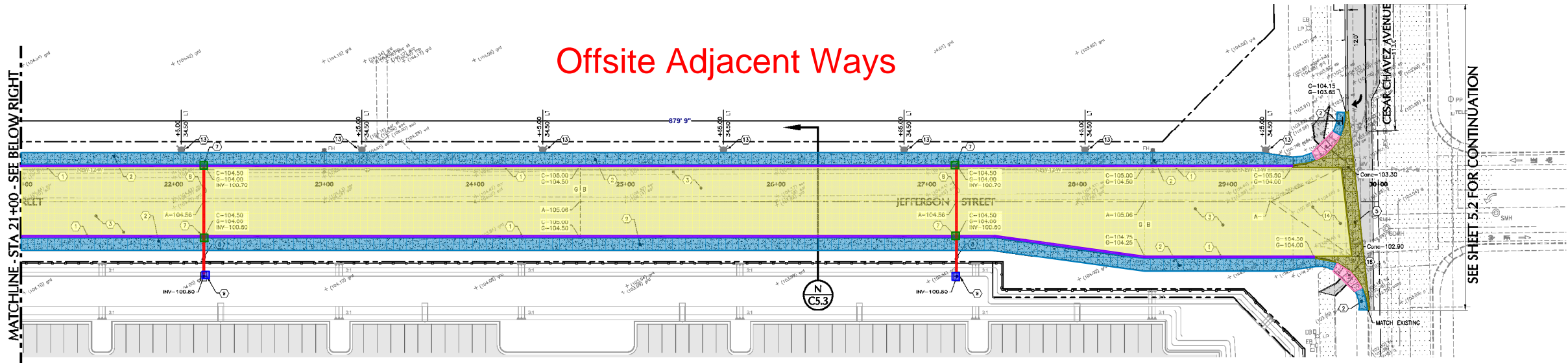
PAVING SCHEDULE OF WORK

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| 8  | NEW 12" WIDE CONCRETE BORDER (FLAT) CURB  | - SEE DETAIL H/C2.10  |
| 9  | NEW CONCRETE SPILLWAY WITH DEPRESSIONED CURB AND ROCK RIP-RAP (3'-6")                                   | - SEE DETAIL I/C2.10  |
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| 32 | REMOVE AND DISPOSE OF EXISTING ASPHALT, REPLACE ASPHALT AS NEEDED                                       | - SEE DETAIL AF/C2.10 |
| 33 | REMOVE AND DISPOSE OF EXISTING CURB, GUTTER, AND ASPHALT  | - SEE DETAIL AG/C2.10 |
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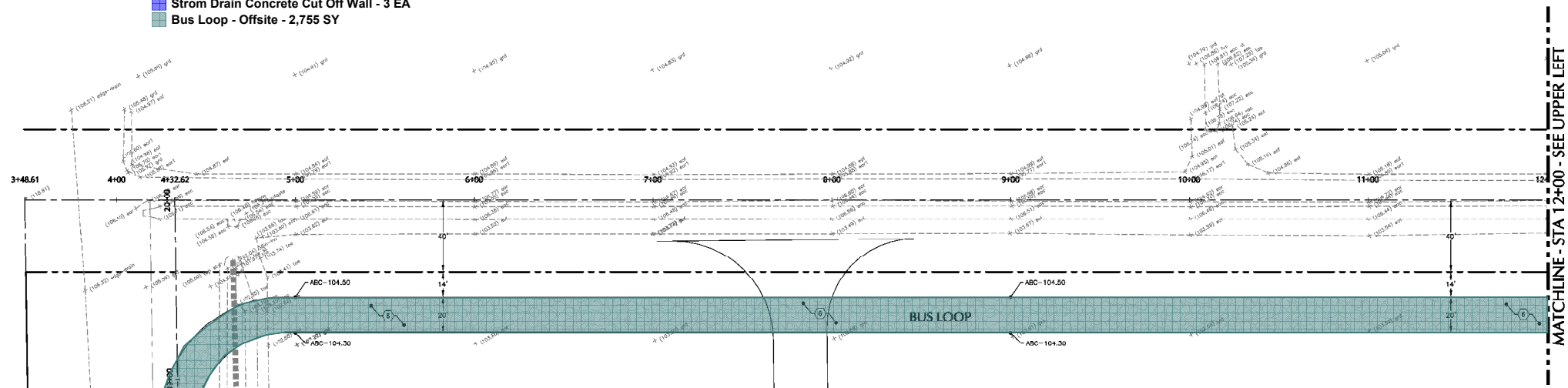
KEY PLAN







- Jefferson Street - 4"AC / 10"ABC - 7,688 SY
- Jefferson Street - Sidewalk Ramp - 1,109 SF
- Jefferson Street - Sidewalk 4" Conc / 4" ABC - 20,381 SF
- Jefferson Street - Concrete Vertical Curb / Gutter - 2,659 LF
- Jefferson Street - Concrete Apron - 2,694 SF
- 12" RGRCP Storm Pipe - 228 LF
- Storm Catch Basin - 6 EA
- Storm Drain Concrete Cut Off Wall - 3 EA
- Bus Loop - Offsite - 2,755 SY



#### NOTES

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#### PAVING SCHEDULE OF WORK

- |   |                   |
|---|-------------------|
| 1. NEW VERTICAL CURB AND GUTTER   | SEE DETAIL A/C5.3 |
| 2. NEW 4" THICK CONCRETE SIDEWALK   | SEE DETAIL C/C5.3 |
| 3. NEW ASPHALTIC CONCRETE PAVEMENT (AC) HEAVY DUTY  | SEE DETAIL D/C5.3 |
| 4. NEW SIDEWALK RAMP  | SEE DETAIL E/C5.3 |
| 5. NEW VALLEY GUTTER LAYOUT   | SEE DETAIL F/C5.3 |
| 6. NEW 6" ABC SURFACE   | SEE DETAIL G/C5.3 |
| 7. NEW STORM DRAIN CATCH BASIN AT CURB AND GUTTER   | SEE DETAIL H/C5.3 |
| 8. NEW 12" RGRCP CLASS II   | SEE DETAIL I/C5.3 |
| 9. NEW CONCRETE CUTOFF WALL   | SEE DETAIL J/C5.3 |
| 10. REMOVE EXISTING CURB, GUTTER, VALLEY GUTTER & SIDEWALK  | SEE DETAIL K/C5.3 |
| 11. SAWCUT 2' OF EXISTING PAVEMENT TO NEAT CLEAN EDGE   | SEE DETAIL L/C5.3 |
| 12. MATCH NEW TO EXISTING - SIDEWALK, CONC. CURB, ASPHALT   | SEE DETAIL M/C5.3 |
| 13. NEW SINGLE LED STREET LIGHT - (LEOTEK PRODUCT ONLY) - 5000, 200W, 10' POLE - OR (7'-HIGHER) PRODUCT | SEE DETAIL N/C5.3 |
| 14. TYPE 3R DISTRIBUTION, COLOR-GRAY 40W 3000K LUMENS:4470  | SEE DETAIL O/C5.3 |
| 15. NEW 50' CROWN TRANSITION  | SEE DETAIL P/C5.3 |
| 16. NEW TYPE III BARRICADE  | SEE DETAIL Q/C5.3 |
| 17. NEW VERTICAL CURB   | SEE DETAIL R/C5.3 |
| 18. NEW CURB TERMINATION  | SEE DETAIL S/C5.3 |
| 19. NEW SIDEWALK RAMP   | SEE DETAIL T/C5.3 |

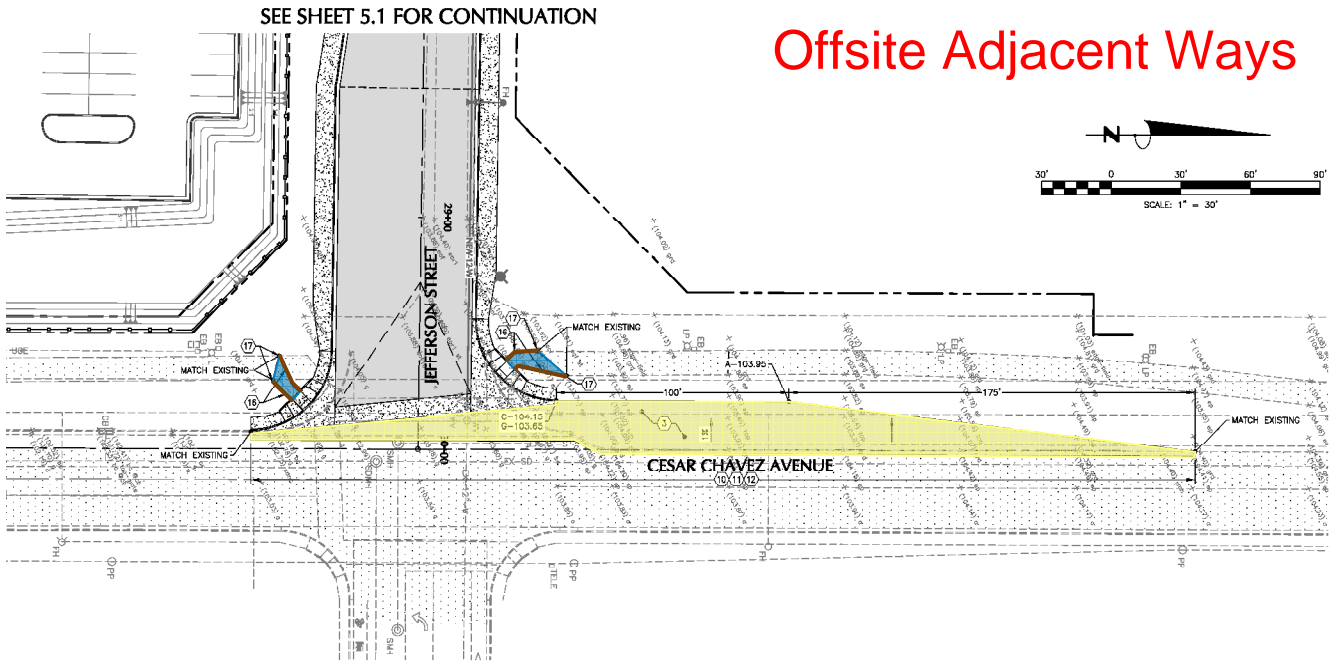


100%  
CONSTRUCTION  
DOCUMENTS  
REVISIONS

30-20111-00  
PAVING &  
GRADING PLAN  
JEFFERSON ST.  
/ BUS LOOP ROAD

C5.1





- Jefferson Street - 4"AC / 10"ABC - 619 SY
- Jefferson Street - Sidewalk 4" Conc / 4" ABC - 236 SF
- Jefferson Street - Concrete Vertical Curb - 68 LF

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| 14. MATCH TO EXISTING TRANSITION  | - SEE DETAIL P/C5.3 |
| 15. NEW TYPE II BARRICADE   | - SEE DETAIL A/C5.5 |
| 16. NEW VERTICAL CURB   | - SEE DETAIL C/C5.5 |
| 17. NEW CURB TERMINATION  | - SEE DETAIL C/C5.5 |
| 18. NEW SIDEWALK RAMP   | - SEE DETAIL D/C5.5 |



SOMERTON HIGH SCHOOL

YUMA UNION HIGH SCHOOL DISTRICT

Jefferson Street and Cesar Chavez Avenue

UTB# 14057000-0609-0058

100% CONSTRUCTION DOCUMENTS

REVISIONS

30-20111-00

PAVING & GRADING PLAN

JEFFERSON ST.

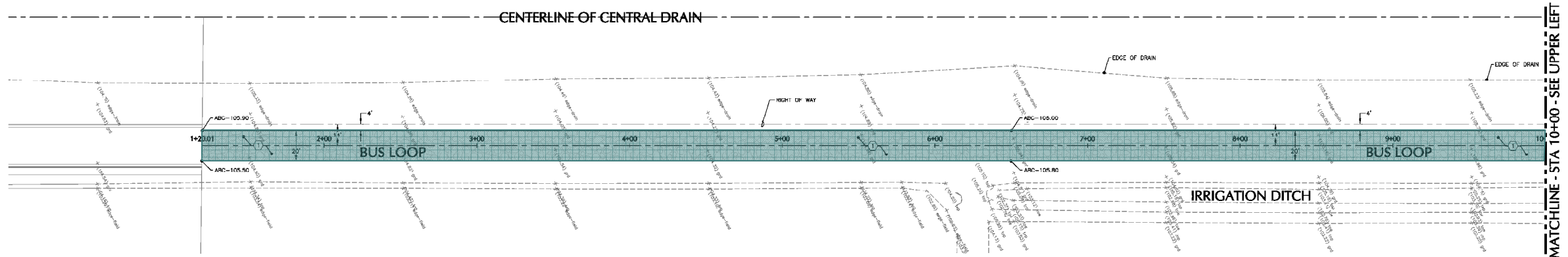
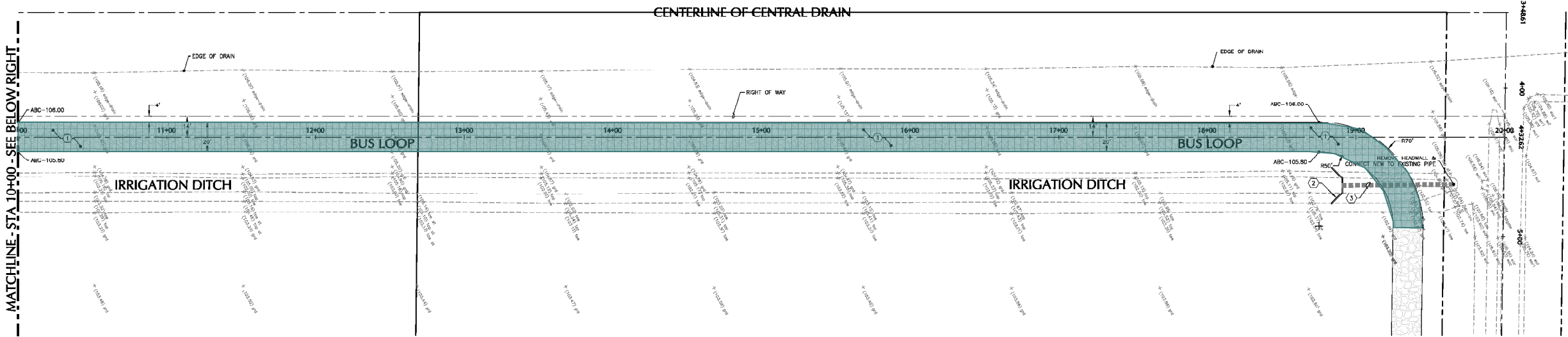
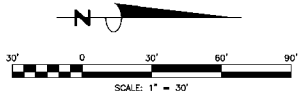
/ CESAR CHAVEZ AVENUE

C5.2



Bus Loop - Offsite - 4,081 SY

Offsite Adjacent Ways



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12. REFER TO THE GEOTECHNICAL REPORT INVESTIGATION FOR PREPARATION OF BUILDING PAD & PARKING LOT AREA.
13. CONTRACTOR TO OBTAIN ENFORCEMENT PERMIT FOR ALL WORK WITHIN CITY OR COUNTY RIGHT-OF-WAY.
14. CONTRACTOR SHALL MAINTAIN ACCESS AT ALL TIMES.

PAVING SCHEDULE OF WORK

- |                            |                     |
|----------------------------|---------------------|
| 1. NEW 6" ABC SURFACE      | - SEE DETAIL G/C5.3 |
| 2. NEW HEADWALL IRRIGATION | - SEE DETAIL B/C5.5 |
| 3. NEW 36" RGRCP CLASS II  | - SEE DETAIL H/C5.3 |



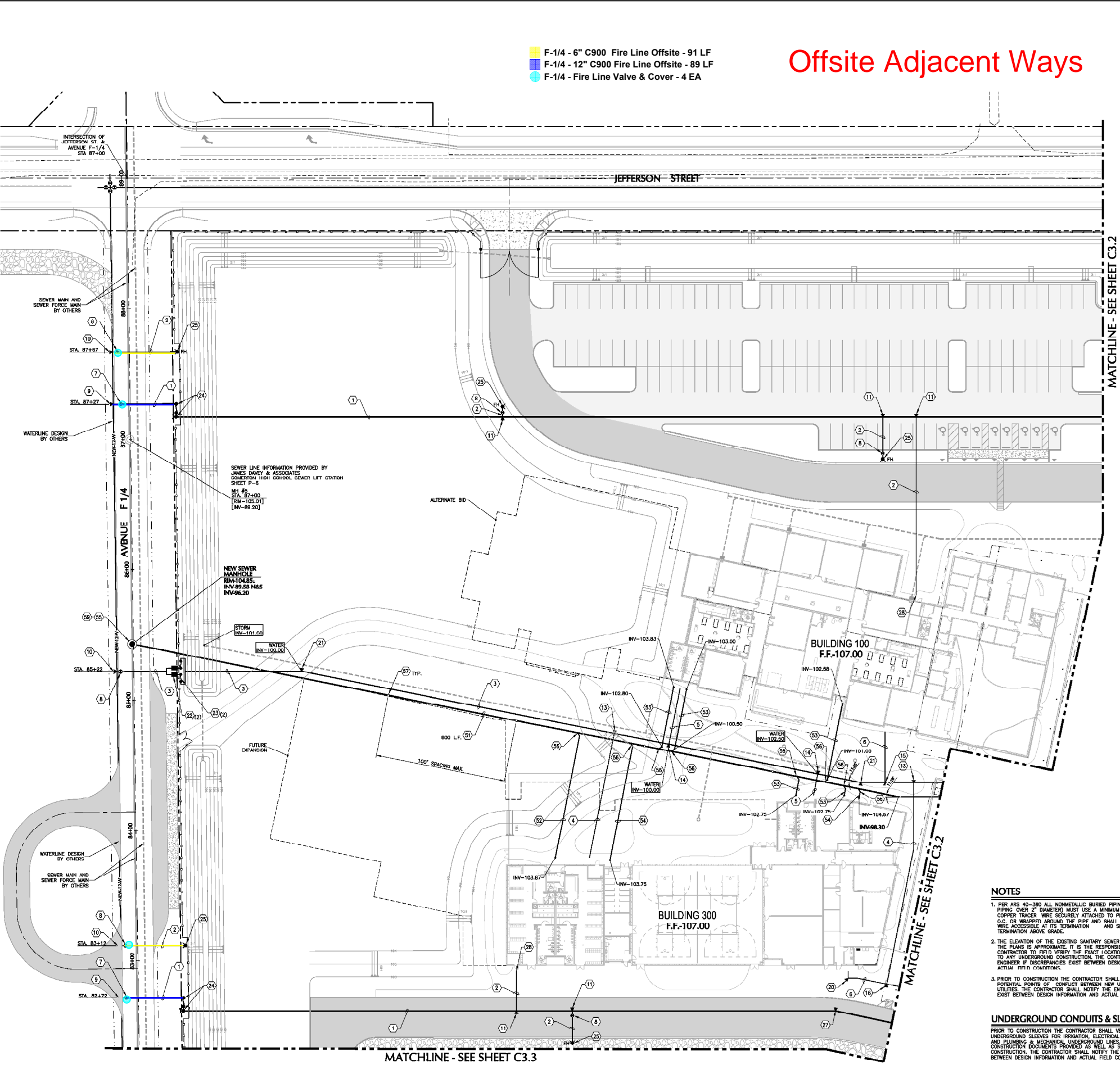
SOMERTON HIGH SCHOOL  
YUMA UNION HIGH SCHOOL DISTRICT  
Jefferson Street and Cesar Chavez Avenue  
YUMA, AZ 85504  
OFFICE: (951) 814-0825

100%  
CONSTRUCTION  
DOCUMENTS  
REVISIONS

30-20111-00  
WEST BUS  
LOOP ROAD  
PLAN

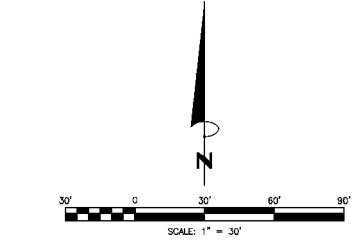
C6.1





- F-1/4 - 6" C900 Fire Line Offsite - 91 LF
- F-1/4 - 12" C900 Fire Line Offsite - 89 LF
- F-1/4 - Fire Line Valve & Cover - 4 EA

Offsite Adjacent Ways



LEGEND

|         |                                       |
|---------|---------------------------------------|
| NEW-W   | NEW WATER LINE                        |
| NEW-S   | NEW SEWER LINE                        |
| NEW-FL  | NEW FIRE LINE                         |
| NEW-WM  | NEW WATERMAIN BLOWOFF                 |
| NEW-TB  | NEW THRUST BLOCK                      |
| NEW-FH  | NEW FIRE HYDRANT                      |
| NEW-RFC | NEW REMOTE FIRE DEPARTMENT CONNECTION |
| NEW-WV  | NEW WATER VALVE                       |
| NEW-BPF | NEW BACKFLOW PREVENTER                |
| NEW-WM  | NEW WATER METER                       |
| NEW-SMH | NEW SEWER MANHOLE                     |
| NEW-SWY | NEW SANITARY WYE WITH CLEANOUT        |

WATER SCHEDULE OF WORK

- 1 NEW 10" CLASS 305 C900 PVC WATERLINE - SEE DETAIL F/C3.5
- 2 NEW 6" CLASS 305 C900 PVC WATERLINE - SEE DETAIL F/C3.5
- 3 NEW 6" CLASS 235 C900 PVC WATERLINE - SEE DETAIL F/C3.5
- 4 NEW 3" SCHEDULE 40 PVC WATERLINE - SEE DETAIL F/C3.5
- 5 NEW 2-1/2" SCHEDULE 40 PVC WATERLINE - SEE DETAIL F/C3.5
- 6 NEW 2" SCHEDULE 40 PVC WATERLINE - SEE DETAIL F/C3.5
- 7 NEW 10" GATE VALVE W/ANCHOR, VALVE BOX AND COVER - SEE DETAIL A.B.C.D&E/C3.5
- 8 NEW 6" GATE VALVE W/ANCHOR, VALVE BOX AND COVER - SEE DETAIL A.B.C.D&E/C3.5
- 9 NEW 12"x12"x10" TEE W/THRUST BLOCK - SEE DETAIL D,E/C3.5
- 10 NEW 12"x12"x8" TEE W/THRUST BLOCK - SEE DETAIL D,E/C3.5
- 11 NEW 10"x10"x8" TEE W/THRUST BLOCK - SEE DETAIL D,E/C3.5
- 12 NEW 8"x8"x8" TEE W/THRUST BLOCK - SEE DETAIL D,E/C3.5
- 13 NEW 8"x8"x4" TEE W/THRUST BLOCK REDUCED TO 3" - SEE DETAIL D,E/C3.5
- 14 NEW 8"x8"x4" TEE W/THRUST BLOCK REDUCED TO 2-1/2" - SEE DETAIL D,E/C3.5
- 15 NEW 8"x8"x4" TEE W/THRUST BLOCK REDUCED TO 2" - SEE DETAIL D,E/C3.5
- 16 NEW 3"x3"x3" TEE W/THRUST BLOCK - SEE DETAIL D,E/C3.5
- 17 NEW 10" 90° BEND W/ THRUST BLOCK - SEE DETAIL D,E/C3.5
- 18 NEW 6" 90° BEND W/ THRUST BLOCK - SEE DETAIL D,E/C3.5
- 19 NEW 2-1/2" 90° BEND W/ THRUST BLOCK - SEE DETAIL D,E/C3.5
- 20 NEW 2" 90° BEND W/ THRUST BLOCK - SEE DETAIL D,E/C3.5
- 21 NEW 6" 11.25° BEND W/ THRUST BLOCK - SEE DETAIL D,E/C3.5
- 22 NEW 3" WATER METER AND METER BOX - SEE DETAIL J/C3.5
- 23 NEW 3" REDUCED PRESSURE ASSEMBLY BACKFLOW PREVENTER - SEE DETAIL J/C3.5
- 24 NEW 10" DOUBLE CHECK VALVE BACKFLOW DEVICE WITH PDC - SEE DETAIL J/C3.5
- 25 NEW 6" FIRE HYDRANT - SEE DETAIL G/C3.5
- 26 NEW 6" DOUBLE CHECK VALVE BACKFLOW DEVICE WITH PDC - SEE DETAIL J/C3.5
- 27 NEW 10" 11.25° BEND W/ THRUST BLOCK - SEE DETAIL D,E/C3.5
- 28 FOR CONTINUATION SEE PLUMBING PLANS, SITE PLUMBING CONTRACTOR SHALL COORDINATE WITH BUILDING PLUMBING CONTRACTOR FOR EXACT SIZE, DEPTH AND LOCATION PRIOR TO CONNECTION
- 29 NEW 6" CLASS 235 C900 PVC WATERLINE - SEE DETAIL F/C3.5
- 30 NEW 6" GATE VALVE W/ANCHOR, VALVE BOX AND COVER - SEE DETAIL A.B.C.D&E/C3.5
- 31 NEW 12"x12"x8" TEE W/THRUST BLOCK - SEE DETAIL D,E/C3.5

SEWER SCHEDULE OF WORK

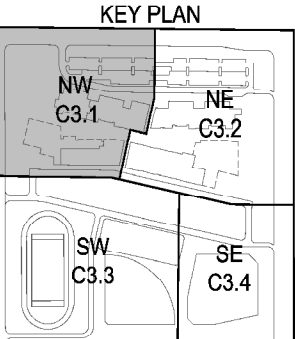
- 32 NEW 8" SDR 35 PVC SEWER LINE @ 0.34% MIN. SLOPE WITH TRACER WIRE ON - SEE DETAIL A/C3.6
- 33 NEW 6" SDR 35 PVC SEWER LINE @ 1.0% MIN. SLOPE WITH TRACER WIRE ON - SEE DETAIL A/C3.6
- 34 NEW 4" SDR 35 PVC SEWER LINE @ 2.0% MIN. SLOPE WITH TRACER WIRE ON - SEE DETAIL A/C3.6
- 35 NEW 3" SDR 35 PVC SEWER LINE @ 2.0% MIN. SLOPE WITH TRACER WIRE ON - SEE DETAIL A/C3.6
- 36 NEW 4" DIAMETER MANHOLE WITH TYPE "B" DROP SEWER CONNECTION - SEE DETAIL D&F/C3.6
- 37 NEW 4" DIAMETER MANHOLE WITH CLEANOUT (USE CAST IRON FRAME AND COVER WHEN CLEANOUT FALLS IN CONCRETE OR PAVED AREAS) - SEE DETAIL C/C3.6
- 38 NEW 8" IN-LINE SANITARY SEWER CLEANOUT (USE CAST IRON FRAME AND COVER WHEN CLEANOUT FALLS IN CONCRETE OR PAVED AREAS) - SEE DETAIL B&E/C3.6
- 39 FOR CONTINUATION SEE PLUMBING PLANS, SITE PLUMBING CONTRACTOR SHALL COORDINATE WITH BUILDING PLUMBING CONTRACTOR FOR EXACT SIZE, DEPTH AND LOCATION PRIOR TO CONNECTION
- 40 CONNECT NEW SEWER TO EXISTING SEWER. PRIOR TO CONSTRUCTION CONTRACTOR SHALL VERIFY EXACT LOCATION AND DEPTH OF EXISTING SEWER LINE AT PROPOSED POINT OF CONNECTION AND SHALL POITOLE ALL POTENTIAL POINTS OF CONFLICT BETWEEN PROPOSED SEWER LINE AND EXISTING UTILITIES. CONTRACTOR SHALL NOTIFY PROPERTY REPRESENTATIVE OF ANY CONFLICTS OR DISCREPANCIES BETWEEN PLANS AND ACTUAL FIELD CONDITIONS.

NOTES

- 1. PER ARS 40-360 ALL NONMETALLIC BURIED PIPING (INCLUDING IRRIGATION PIPING OVER 2" DIAMETER) MUST USE A MINIMUM #12 THIN INSULATED COPPER TRACER WIRE SECURELY ATTACHED TO PIPES A MAXIMUM 8 FEET O.C. OR WRAPPED AROUND THE TOP AND 9-11" HALF 1" OF TRACER WIRE ACCESSIBLE AT ITS TERMINATION AND SECURELY ATTACHED AT TERMINATION ABOVE GRADE.
- 2. THE ELEVATION OF THE EXISTING SANITARY SEWER CONNECTION SHOWN ON THE PLANS IS APPROXIMATE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY THE EXACT LOCATION AND ELEVATION PRIOR TO ANY UNDERGROUND CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IF DISCREPANCIES EXIST BETWEEN DESIGN INFORMATION AND ACTUAL FIELD CONDITIONS.
- 3. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL "POITOLE" ALL POTENTIAL POINTS OF CONFLICT BETWEEN NEW UTILITIES AND EXISTING UTILITIES. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IF DISCREPANCIES EXIST BETWEEN DESIGN INFORMATION AND ACTUAL FIELD CONDITIONS.

UNDERGROUND CONDUITS & SLEEVES

PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL VERIFY EXACT LOCATION FOR ANY UNDERGROUND SLEEVES FOR IRRIGATION, ELECTRICAL, TELECOMMUNICATION CONDUITS AND PLUMBING & MECHANICAL UNDERGROUND LINES. CONTRACTOR SHALL COORDINATE WITH THE CONSTRUCTION DOCUMENTS PROVIDED AS WELL AS SUBCONTRACTORS PRIOR TO ANY CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IF DISCREPANCIES EXIST BETWEEN DESIGN INFORMATION AND ACTUAL FIELD CONDITIONS.



**DAHL, ROBINS & ASSOCIATES, INC.**  
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PH: (928) 814-0025 FAX: (928) 817-0920  
www.dahlrobinson.com Project No. 2020

**SOMERTON HIGH SCHOOL**  
YUMA UNION HIGH SCHOOL DISTRICT  
Jefferson Street and Cesar Chavez Avenue  
ESTB 1087000-0605-0058

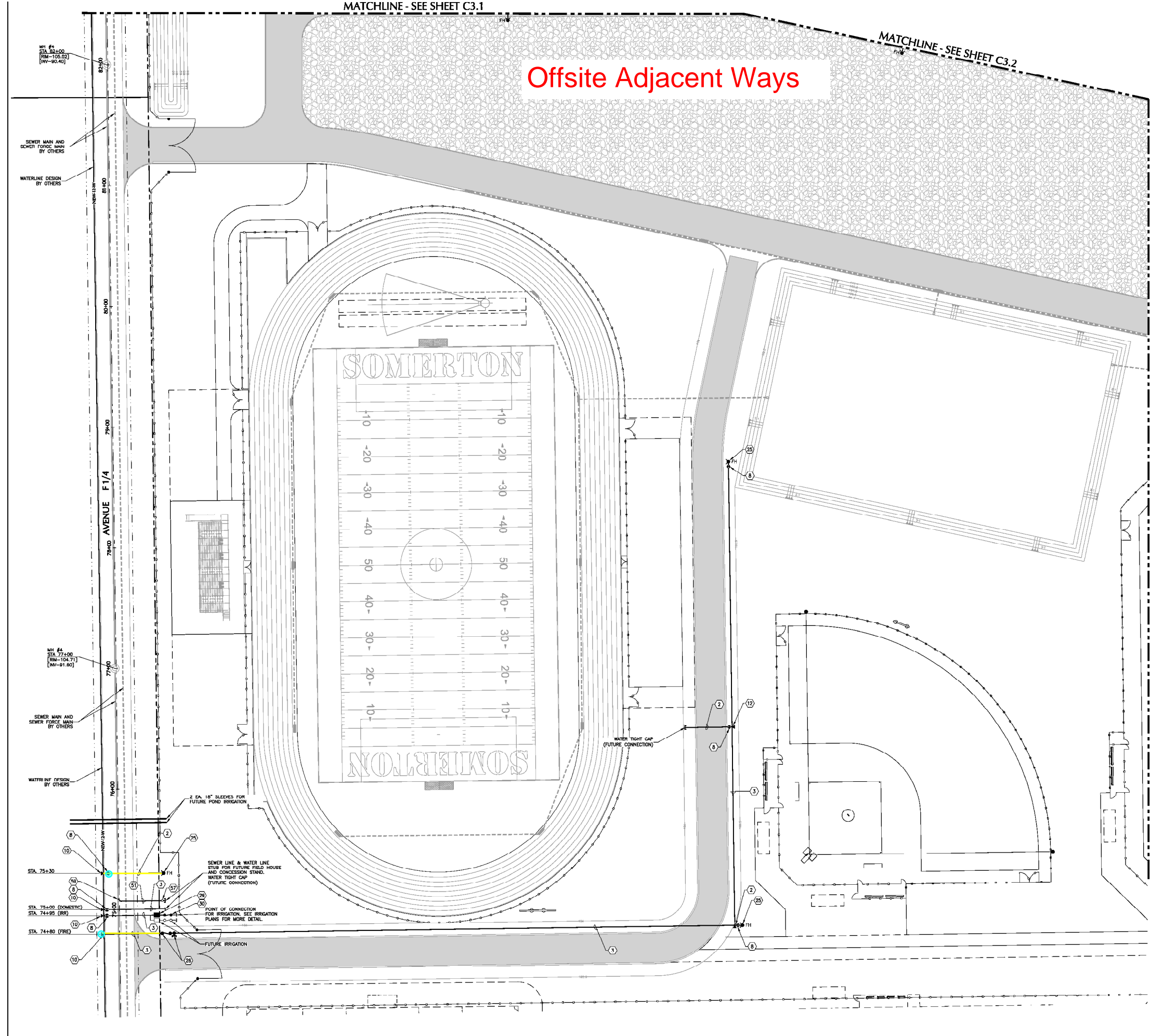
100%  
CONSTRUCTION  
DOCUMENTS  
DATE: 10/12/2021  
REVISIONS

30-20111-00  
WATER & SEWER PLAN  
NORTHWEST

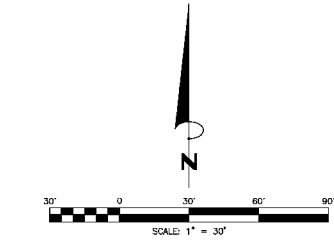
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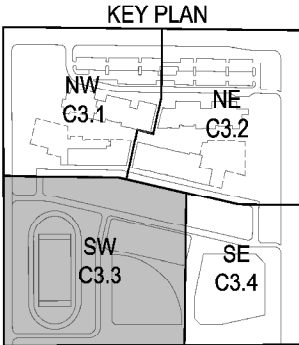
Offsite Adjacent Ways



| LEGEND |                                       |
|--------|---------------------------------------|
| NEW-W  | NEW WATER LINE                        |
| NEW-S  | NEW SEWER LINE                        |
| NEW-FL | NEW FIRE LINE                         |
| NEW-WB | NEW WATERMAIN BLOWOFF                 |
| NEW-TB | NEW THRUST BLOCK                      |
| NEW-FH | NEW FIRE HYDRANT                      |
| NEW-FD | NEW REMOTE FIRE DEPARTMENT CONNECTION |
| NEW-WV | NEW WATER VALVE                       |
| NEW-BP | NEW BACKFLOW PREVENTER                |
| NEW-WM | NEW WATER METER                       |
| NEW-SM | NEW SEWER MANHOLE                     |
| NEW-SW | NEW SANITARY WYE WITH CLEANOUT        |

| WATER SCHEDULE OF WORK |   |
|------------------------|---|
| 1                      | NEW 10" CLASS 305 C900 PVC WATERLINE - SEE DETAIL F/C3.5  |
| 2                      | NEW 6" CLASS 305 C900 PVC WATERLINE - SEE DETAIL F/C3.5   |
| 3                      | NEW 6" CLASS 235 C900 PVC WATERLINE - SEE DETAIL F/C3.5   |
| 4                      | NEW 3" SCHEDULE 40 PVC WATERLINE - SEE DETAIL F/C3.5  |
| 5                      | NEW 2-1/2" SCHEDULE 40 PVC WATERLINE - SEE DETAIL F/C3.6  |
| 6                      | NEW 2" SCHEDULE 40 PVC WATERLINE - SEE DETAIL F/C3.5  |
| 7                      | NEW 10" GATE VALVE W/ANCHOR, VALVE BOX AND COVER - SEE DETAIL A,B,C,D&E/C3.5  |
| 8                      | NEW 6" GATE VALVE W/ANCHOR, VALVE BOX AND COVER - SEE DETAIL A,B,C,D&E/C3.5   |
| 9                      | NEW 12"x12"x10" TEE W/THRUST BLOCK - SEE DETAIL D,E/C3.5  |
| 10                     | NEW 12"x12"x6" TEE W/THRUST BLOCK - SEE DETAIL D,E/C3.5   |
| 11                     | NEW 10"x10"x6" TEE W/THRUST BLOCK - SEE DETAIL D,E/C3.5   |
| 12                     | NEW 6"x6"x6" TEE W/THRUST BLOCK - SEE DETAIL D,E/C3.5   |
| 13                     | NEW 6"x6"x4" TEE W/THRUST BLOCK REDUCED TO 3" - SEE DETAIL D,E/C3.5   |
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| 23                     | NEW 3" REDUCED PRESSURE ASSEMBLY BACKFLOW PREVENTER - SEE DETAIL J/C3.5   |
| 24                     | NEW 10" DOUBLE CHECK VALVE BACKFLOW DEVICE WITH FDC - SEE DETAIL I/C3.5   |
| 25                     | NEW 6" FIRE HYDRANT - SEE DETAIL G/C3.5   |
| 26                     | NEW 6" DOUBLE CHECK VALVE BACKFLOW DEVICE WITH FDC - SEE DETAIL I/C3.5  |
| 27                     | NEW 10" 11.25° BEND W/ THRUST BLOCK - SEE DETAIL D,E/C3.5   |
| 28                     | FOR CONTINUATION SEE PLUMBING PLANS, SITE PLUMBING CONTRACTOR SHALL COORDINATE WITH BUILDING PLUMBING CONTRACTOR FOR EXACT SIZE, DEPTH AND LOCATION PRIOR TO CONNECTION |
| 29                     | NEW 3" WATER METER (300 GPM) AND METER BOX (IRRIGATION)   |
| 30                     | NEW 3" DOUBLE CHECK VALVE BACKFLOW DEVICE (IRRIGATION)  |

| SEWER SCHEDULE OF WORK |   |
|------------------------|---|
| 31                     | NEW 8" SDR 35 PVC SEWER LINE @ 0.34% MIN. SLOPE WITH TRACER WIRE ON - SEE DETAIL A/C3.5   |
| 32                     | NEW 6" SDR 35 PVC SEWER LINE @ 1.0% MIN. SLOPE WITH TRACER WIRE ON - SEE DETAIL A/C3.5  |
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| 36                     | NEW SANITARY WYE WITH CLEANOUT (USE CAST IRON FRAME AND COVER WHEN CLEANOUT FALLS IN CONCRETE OR PAVED AREAS) - SEE DETAIL C/C3.5   |
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| 38                     | FOR CONTINUATION SEE PLUMBING PLANS, SITE PLUMBING CONTRACTOR SHALL COORDINATE WITH BUILDING PLUMBING CONTRACTOR FOR EXACT SIZE, DEPTH AND LOCATION PRIOR TO CONNECTION   |
| 39                     | CONNECT NEW SEWER TO EXISTING SEWER. PRIOR TO CONSTRUCTION CONTRACTOR SHALL VERIFY EXISTING SEWER LINE AND DEPTH OF EXISTING SEWER LINE AT PROPOSED POINT OF CONNECTION AND SHALL POT-HOLE ALL POTENTIAL POINTS OF CONFLICT BETWEEN PROPOSED SEWER LINE AND EXISTING UTILITIES. CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY OF ANY CONFLICTS OR DISCREPANCIES BETWEEN PLANS AND ACTUAL FIELD CONDITIONS. |



SOMERTON HIGH SCHOOL  
YUMA UNION HIGH SCHOOL DISTRICT  
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www.dahlrobinson.com Project No. 2010

100%  
CONSTRUCTION  
DOCUMENTS  
revisions

30-20111-00  
WATER &  
SEWER PLAN  
SOUTHWEST

C3.3







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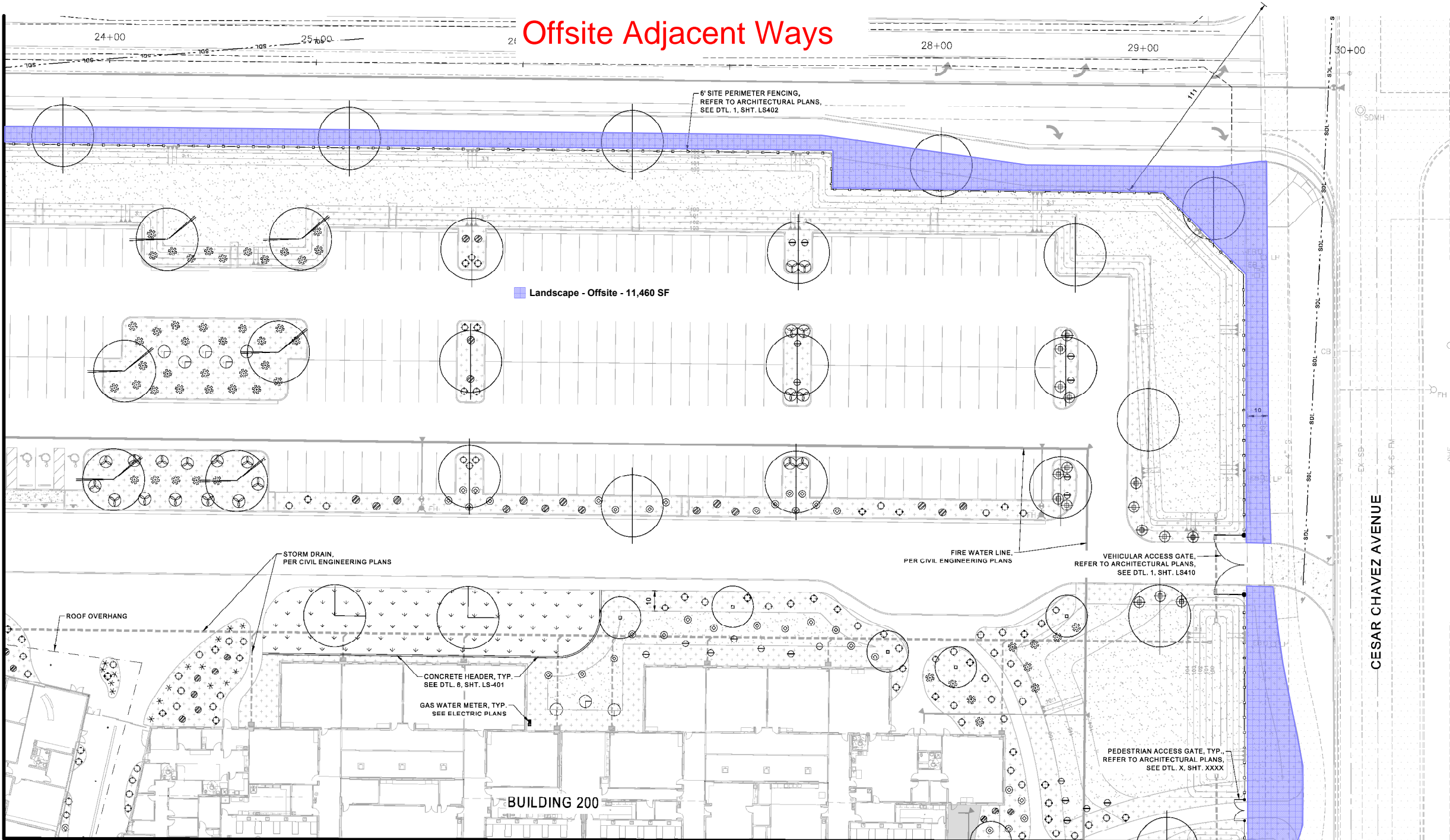
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4

5

MATCHLINE SEE SHEET LS.201

## Offsite Adjacent Ways



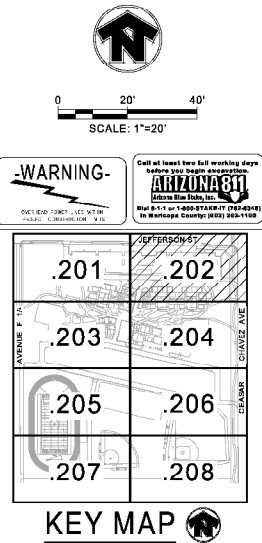
MATCHLINE SEE SHEET LS.204

### OVERALL LANDSCAPE LEGEND:

| GENUS/SPECIES                        | COMMON NAME                      | QTY | SIZE    | GENUS/SPECIES                          | COMMON NAME          | QTY | SIZE   | GENUS/SPECIES                          | COMMON NAME            | QTY | SIZE   |
|--------------------------------------|----------------------------------|-----|---------|--|----------------------|-----|--------|--|------------------------|-----|--------|
| <b>TREES:</b>                        |                                  |     |         | <b>PERIMETER SHRUBS:</b>               |                      |     |        | <b>COURTYARD GROUNDCOVERS:</b>         |                        |     |        |
| PISTACHIA CHINENSIS<br>'RED PUSH'    | RED PUSH PISTACHE                | 36  | 36" BOX | RUPELLIA PENINSULARIS                  | BAJA RUELLIA         | 66  | 1 GAL. | LANIANA<br>'NEW GOLD'                  | NEW GOLD LANIANA       | 185 | 5 GAL. |
| DALBERGIA SISSOO                     | INDIAN ROSEWOOD                  | 18  | 24" BOX | LANIANA<br>'NEW GOLD'                  | NEW GOLD LANIANA     | 189 | 1 GAL. | EREMOPHILA GLABRA<br>'MINGENOW GOLD'   | OUTBACK SUNRISE<br>EMU | 45  | 5 GAL. |
| PROSOPIS THORNLESS<br>HYBRID 'AZT'   | AZT THORNLESS<br>HYBRID MESQUITE | 64  | 15" GAL | HERPESALOE FUNIFERA                    | GIANT HERPESALOE     | 57  | 1 GAL. | EREMOPHILA MACULATA<br>'VALENTINE'     | VALENTINE BUSH         | 37  | 5 GAL. |
| CHILOPSIS LINEARIS<br>ART'S SEEDLESS | SEEDLESS DESERT<br>WILLOW        | 28  | 15" GAL | EREMOPHILA HYGROPHANA<br>'BLUE BELLS'  | BLUE BELLS           | 92  | 5 GAL. | DASYLIRION WHEELERI                    | DESERT SPOON           | 29  | 5 GAL. |
|                                      |                                  |     |         | SIMMONDSIA CHINENSIS                   | JOJOBA               | 32  | 5 GAL. | EREMOPHILA GLABRA<br>'MINGENOW GOLD'   | OUTBACK SUNRISE EMU    | 115 | 1 GAL. |
|                                      |                                  |     |         | CAESALPINIA PULCHERRIMA                | RED BIRD OF PARADISE | 20  | 5 GAL. | HERPESALOE PARVIFLORA<br>'BRAKELIGHTS' | RED YUCCA              | 113 | 5 GAL. |
|                                      |                                  |     |         | DASYLIRION WHEELERI                    | DESERT SPOON         | 29  | 5 GAL. | RUPELLIA PENINSULARIS                  | BAJA RUELLIA           | 7   | 1 GAL. |
|                                      |                                  |     |         | EREMOPHILA GLABRA<br>'MINGENOW GOLD'   | OUTBACK SUNRISE EMU  | 115 | 1 GAL. |  |                        |     |        |
|                                      |                                  |     |         | HERPESALOE PARVIFLORA<br>'BRAKELIGHTS' | RED YUCCA            | 113 | 5 GAL. |  |                        |     |        |
|                                      |                                  |     |         | EREMOPHILA MACULATA<br>'VALENTINE'     | VALENTINE BUSH       | 41  | 5 GAL. |  |                        |     |        |

### SURFACE MATERIALS:

|  |  |   |  |  |  |   |
|--|--|---|--|--|--|---|
| DECOMPOSED GRANITE<br>2" DEPTH<br>1/2" MINUS SCREENED<br>COLOR: MOHAWK BROWN | DECOMPOSED GRANITE<br>1" DEPTH<br>1/2" MINUS SCREENED<br>COLOR: MOHAWK BROWN | COMPACTED DECOMPOSED GRANITE<br>3" DEPTH<br>1/4" MINUS<br>COLOR: MOHAWK BROWN | STABILIZED DECOMPOSED GRANITE<br>3" DEPTH<br>1/4" MINUS<br>COLOR: MOHAWK BROWN | TURF GRASS<br>ARDEN 15 SEED<br>REFER TO SPECIFICATIONS | IN-FIELD & WARNING TRACK MIX<br>4" DEPTH<br>COLOR: TBD | 2" INFIELD MIX OVER CLAY BASE PER<br>MANUFACTURER'S SPECS |
| CONCRETE HEADER<br>8" WIDTH<br>COLOR: STANDARD GRAY                          |  |   |  |  |  |   |



J2 Engineering and Environmental Design  
4449 E. Cotton Gin Loop, Suite B2  
Phoenix, AZ 85040  
602-439-2222  
www.j2design.us



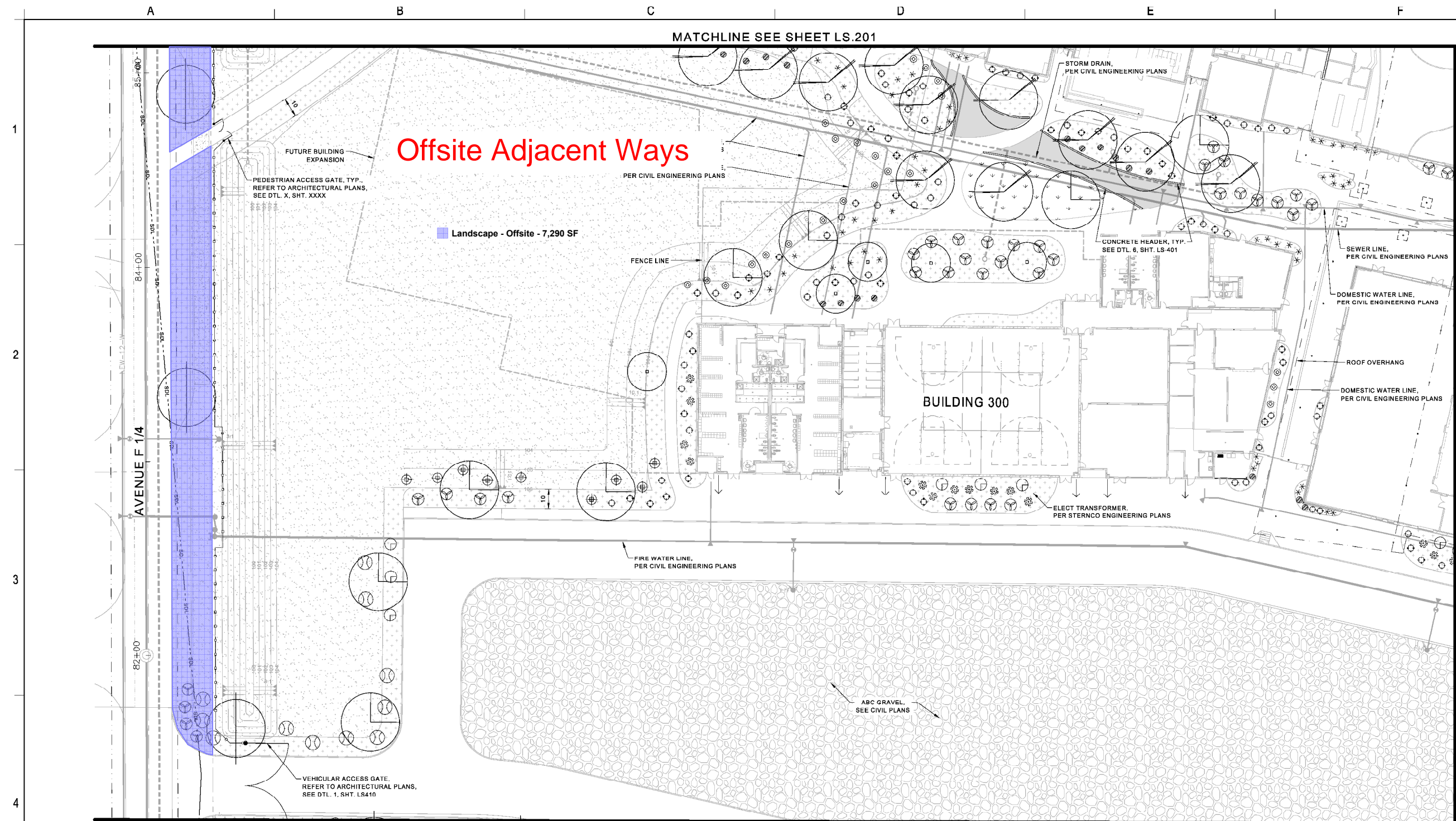
SOMERTON HIGH SCHOOL  
YUMA UNION HIGH SCHOOL DISTRICT  
Jefferson Street and Cooper Street Avenue  
SPR 11027220-0000-0000

100%  
CONSTRUCTION  
DOCUMENTS

LANDSCAPE  
PLAN

LS.202

















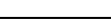

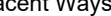
## Offsite Adjacent Ways

 Landscape - Offsite - 7,290 SF









BUILDING 300

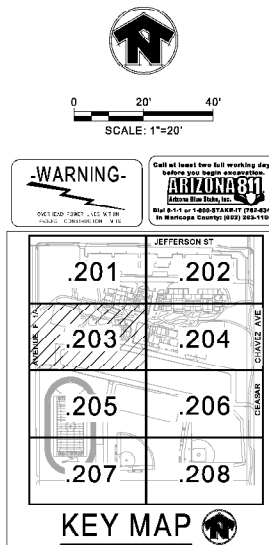
ABC GRAVEL  
EE CIVIL PLAN

OVERALL LANDSCAPE LEGEND:

| GENUS/SPECIES   |                                      | COMMON NAME                      | QTY'S | SIZE    | GENUS/SPECIES   |                                       | COMMON NAME          | QTY'S | SIZE   | GENUS/SPECIES   |                                       | COMMON NAME            | QTY'S | SIZE   |
|---|--------------------------------------|----------------------------------|-------|---------|---|---------------------------------------|----------------------|-------|--------|---|---------------------------------------|------------------------|-------|--------|
| <u>TREES:</u>   |                                      |                                  |       |         | <u>PERIMETER SHRUBS:</u>  |                                       |                      |       |        | <u>COURTYARD GROUNDCOVERS:</u>  |                                       |                        |       |        |
|  | PISTACIA CHINENSIS<br>'RED PUSH'     | RED PUSH PISTACHE                | 36    | 36" BOX |  | RUELLIA PENINSULARIS                  | BAJA RUELLIA         | 66    | 1 GAL. |  | LANI'ANA<br>'NEW GOLD'                | NEW GOLD LANI'ANA      | 165   | 5 GAL. |
|  | DALBERGIA SISSOO                     | INDIAN ROSEWOOD                  | 18    | 24" BOX |  | LANTANA 'NEW GOLD'                    | NEW GOLD LANTANA     | 189   | 1 GAL. |  | EREMOPHILA GLABRA<br>'M'INGENEW GOLD' | OUTBACK SUNRISE<br>EMU | 45    | 5 GAL. |
|  | PROSOPIS THORNLESS<br>HYBRID 'AZT'   | AZT THORNLESS<br>HYBRID MESQUITE | 64    | 15" GAL |  | HERSPALOE FUNIFERA                    | GIANT HESPERALOE     | 57    | 1 GAL. |  | EREMOPHILA MACULATA<br>'VALENTINE'    | VALENTINE BUSH         | 37    | 5 GAL. |
|  | CHILOPSIS LINEARIS<br>ART'S SEEDLESS | SEEDLESS DESERT<br>WILLOW        | 28    | 15" GAL |  | EREMOPHILA HYGROPHANA<br>'BLUE BELLS' | BLUE BELLS           | 92    | 5 GAL. |  | DASYLIRON WHEELERI                    | DESERT SPOON           | 44    | 5 GAL. |
|   |                                      |                                  |       |         |  | SIMMONSIA CHINENSIS                   | JOJOBA               | 32    | 5 GAL. |  | HERSPALOE PARVIFLORA<br>'BRAKELIGHTS' | RED YUCCA              | 102   | 5 GAL. |
|   |                                      |                                  |       |         |  | CAESALPINIA PULCHERRIMA               | RED BIRD OF PARADISE | 20    | 5 GAL. |  | RUELLIA PENINSULARIS                  | BAJA RUELLIA           | 7     | 1 GAL. |
|   |                                      |                                  |       |         |  | DASYLIRON WHEELERI                    | DESERT SPOON         | 29    | 5 GAL. | --- S-DL --- SIGHT DISTANCE LINE  |                                       |                        |       |        |
|   |                                      |                                  |       |         |  | EREMOPHILA GLABRA<br>'M'INGENEW GOLD' | OUTBACK SUNRISE EMU  | 115   | 1 GAL. |   |                                       |                        |       |        |
|   |                                      |                                  |       |         |  | HERSPALOE PARVIFLORA<br>'BRAKELIGHTS' | RED YUCCA            | 113   | 5 GAL. |   |                                       |                        |       |        |
|   |                                      |                                  |       |         |  | EREMOPHILA MACULATA<br>'VALENTINE'    | VALENTINE BUSH       | 41    | 5 GAL. |   |                                       |                        |       |        |

**SURFACE MATERIALS:**

|   |  |
|---|--|
|  | <p>DECOMPOSED GRANITE<br/>2' DEPTH<br/>1/2" MINUS SCREENED<br/>COLOR: MOHAWK BROWN</p>   |
|  | <p>DECOMPOSED GRANITE<br/>1' DEPTH<br/>1/2" MINUS SCREENED<br/>COLOR: MOHAWK BROWN</p>   |
|  | <p>COMPACTED DECOMPOSED GRANITE<br/>3' DEPTH<br/>1/4" MINUS<br/>COLOR: MOHAWK BROWN</p>  |
|  | <p>STABILIZED DECOMPOSED GRANITE<br/>3' DEPTH<br/>1/4" MINUS<br/>COLOR: MOHAWK BROWN</p> |
|  | <p>TURF GRASS<br/>ARDEN 15 SEED<br/>REFER TO SPECIFICATIONS</p>                          |
|  | <p>IN-FIELD &amp; WARNING TRACK MIX<br/>4' DEPTH<br/>COLOR: TBD</p>                      |
|  | <p>2' INFIELD MIX OVER CLAY BASE PER<br/>MANUFACTURER'S SPECS</p>                        |
|  | <p>CONCRETE HEADER<br/>8' WIDTH<br/>COLOR: STANDARD GRAY</p>                             |



**SOMERTON HIGH SCHOOL**  
**YUMA UNION HIGH SCHOOL DISTRICT**

YUMA UNION HIGH SCHOOL DISTRICT

Jefferson Street and Cesar Chavez Avenue  
SER# 140570300-9599.005N

100%  
CONSTRUCTION  
DOCUMENTS  
09/03/2021  
REVISIONS

36-20111-00

LANDSCAPE  
PLAN

LS.203

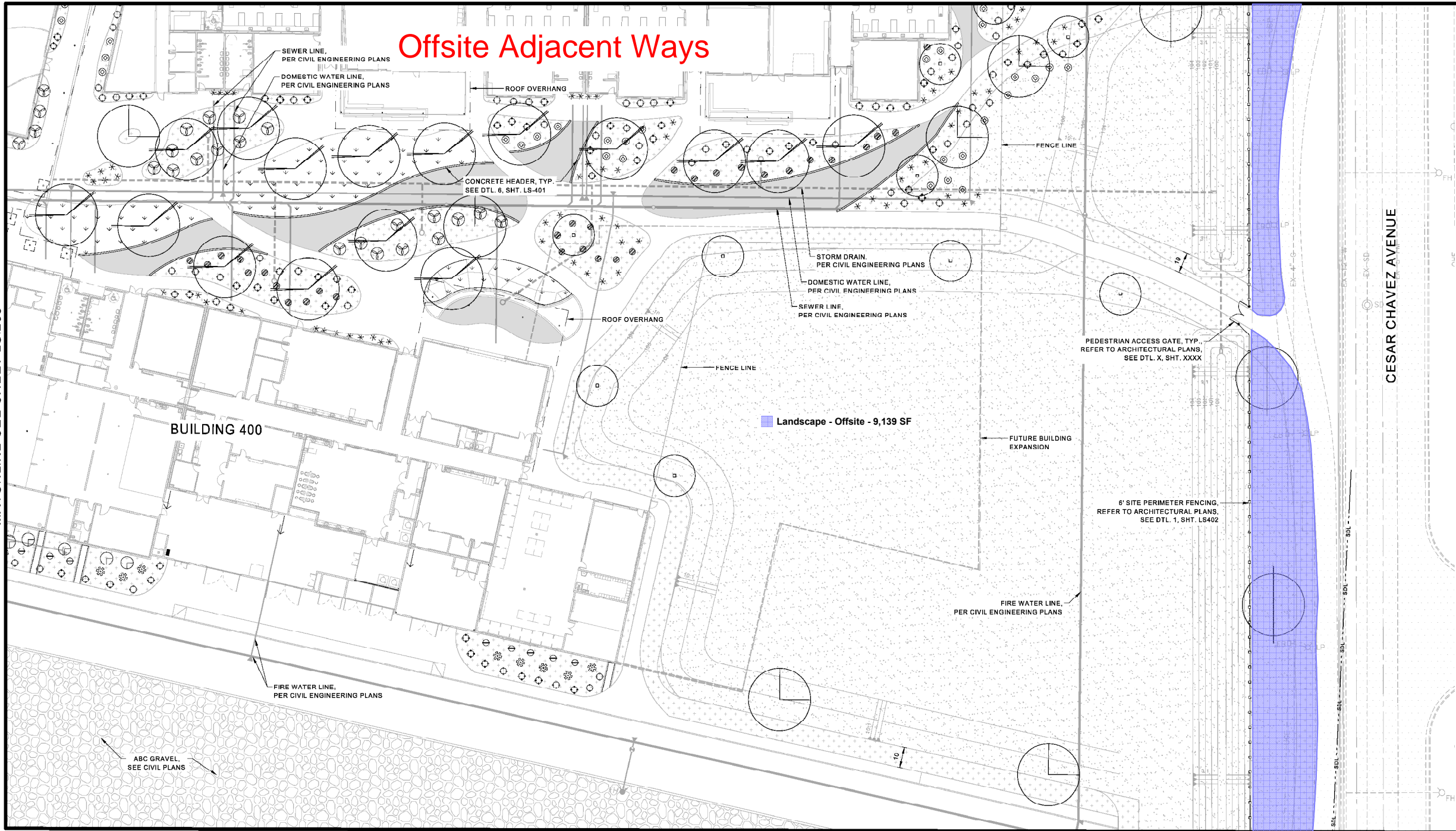


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## Offsite Adjacent Ways



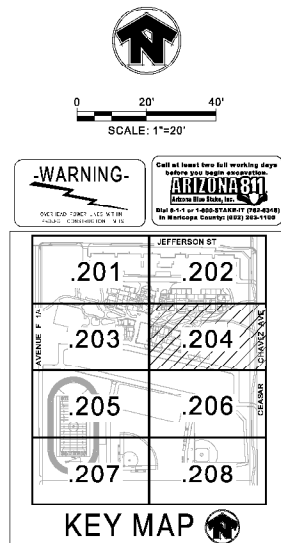
MATCHLINE SEE SHEET LS.206

### OVERALL LANDSCAPE LEGEND:

| GENUS/SPECIES                        | COMMON NAME                      | QTY | SIZE    | GENUS/SPECIES                         | COMMON NAME          | QTY | SIZE   | GENUS/SPECIES                          | COMMON NAME            | QTY | SIZE   |
|--------------------------------------|----------------------------------|-----|---------|---------------------------------------|----------------------|-----|--------|--|------------------------|-----|--------|
| <b>TREES:</b>                        |                                  |     |         | <b>PERIMETER SHRUBS:</b>              |                      |     |        | <b>COURTYARD GROUNDCOVERS:</b>         |                        |     |        |
| PISTACIA CHINENSIS<br>'RED PUSH'     | RED PUSH PISTACHE                | 36  | 36" BOX | RUPELLIA PENINSULARIS                 | BAJA RUPELLIA        | 66  | 1 GAL. | LANIANA<br>'NEW GOLD'                  | NEW GOLD LANIANA       | 185 | 5 GAL. |
| DALBERGIA SISSOO                     | INDIAN ROSEWOOD                  | 18  | 24" BOX | LANTANA 'NEW GOLD'                    | NEW GOLD LANTANA     | 189 | 1 GAL. | EREMOPHILA GLABRA<br>'MINGENOW GOLD'   | OUTBACK SUNRISE<br>EMU | 45  | 5 GAL. |
| PROSOPIS THORNLESS<br>HYBRID 'AZT'   | AZT THORNLESS<br>HYBRID MESQUITE | 64  | 15" GAL | HERPESALOE FUNIFERA                   | GIANT HERPESALOE     | 57  | 1 GAL. | EREMOPHILA MACULATA<br>'VALENTINE'     | VALENTINE BUSH         | 37  | 5 GAL. |
| CHILOPSIS LINEARIS<br>ART'S SEEDLESS | SEEDLESS DESERT<br>WILLOW        | 26  | 15" GAL | EREMOPHILA HYGROPHANA<br>'BLUE BELLS' | BLUE BELLS           | 92  | 5 GAL. | DASYLIRION WHEELERI                    | DESERT SPOON           | 29  | 5 GAL. |
|                                      |                                  |     |         | SIMMONDSIA CHINENSIS                  | JOJOBA               | 32  | 5 GAL. | EREMOPHILA GLABRA<br>'MINGENOW GOLD'   | OUTBACK SUNRISE EMU    | 115 | 1 GAL. |
|                                      |                                  |     |         | CAESALPINIA PULCHERRIMA               | RED BIRD OF PARADISE | 20  | 5 GAL. | HERPESALOE PARVIFLORA<br>'BRAKELIGHTS' | RED YUCCA              | 113 | 5 GAL. |
|                                      |                                  |     |         | EREMOPHILA MACULATA<br>'VALENTINE'    | VALENTINE BUSH       | 41  | 5 GAL. | RUPELLIA PENINSULARIS                  | BAJA RUPELLIA          | 7   | 1 GAL. |

### SURFACE MATERIALS:

|  |  |   |  |  |  |   |   |
|--|--|---|--|--|--|---|---|
| DECOMPOSED GRANITE<br>2" DEPTH<br>1/2" MINUS SCREENED<br>COLOR: MOHAWK BROWN | DECOMPOSED GRANITE<br>1" DEPTH<br>1/2" MINUS SCREENED<br>COLOR: MOHAWK BROWN | COMPACTED DECOMPOSED GRANITE<br>3" DEPTH<br>1/4" MINUS<br>COLOR: MOHAWK BROWN | STABILIZED DECOMPOSED GRANITE<br>3" DEPTH<br>1/4" MINUS<br>COLOR: MOHAWK BROWN | TURF GRASS<br>ARDEN 15 SEED<br>REFER TO SPECIFICATIONS | IN-FIELD & WARNING TRACK MIX<br>4" DEPTH<br>COLOR: TBD | 2" INFIELD MIX OVER CLAY BASE PER<br>MANUFACTURER'S SPECS | CONCRETE HEADER<br>8" WIDTH<br>COLOR: STANDARD GRAY |
|--|--|---|--|--|--|---|---|



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Jefferson Street and Cesar Chavez Avenue  
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LANDSCAPE  
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2



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1  
Landscape - Offsite - 8,270 SF

2

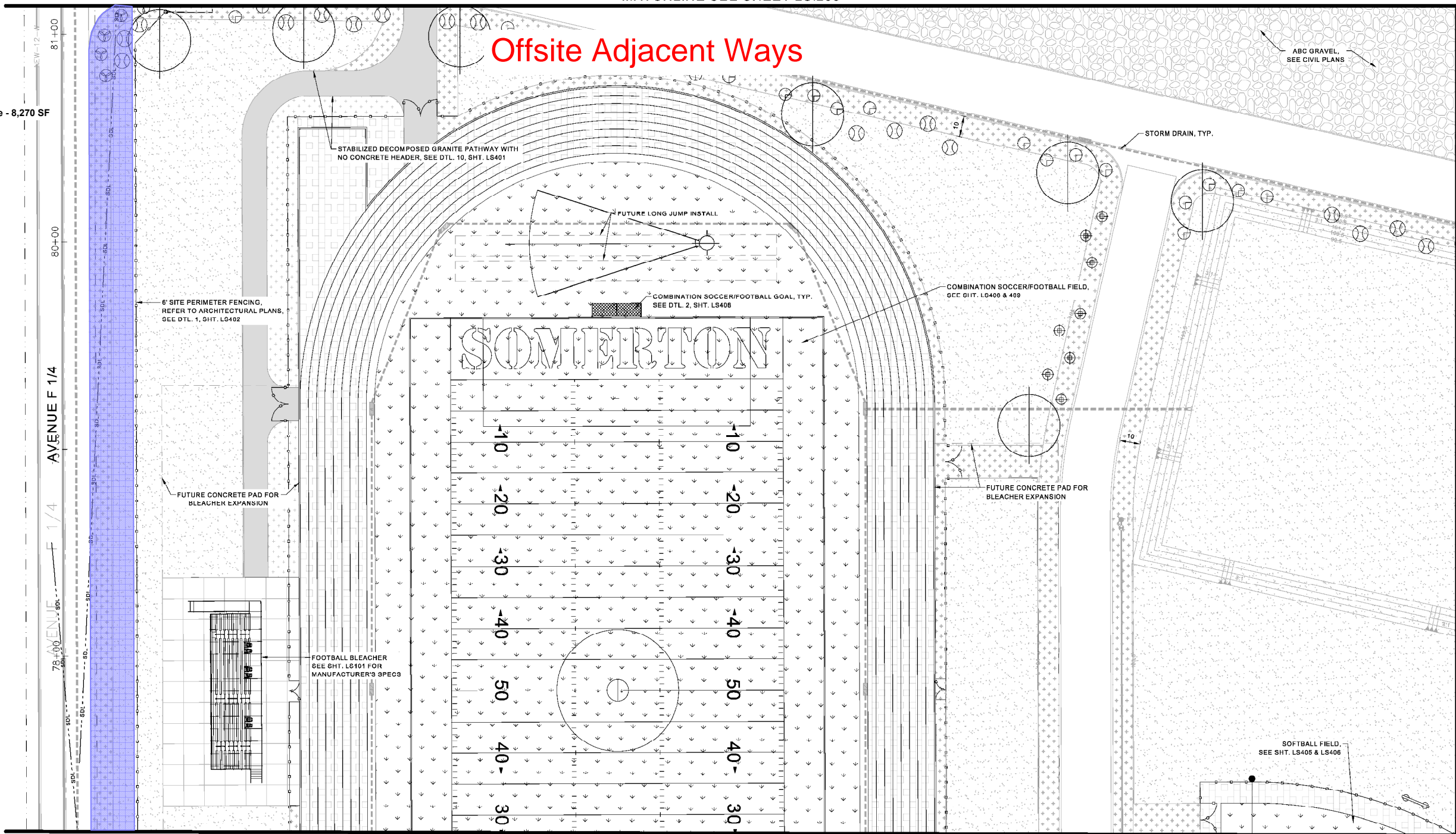
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MATCHLINE SEE SHEET LS.203

## Offsite Adjacent Ways



MATCHLINE SEE SHEET LS.206

MATCHLINE SEE SHEET LS.207

### OVERALL LANDSCAPE LEGEND:

| GENUS/SPECIES                        | COMMON NAME                      | QTY | SIZE     | GENUS/SPECIES                         | COMMON NAME          | QTY | SIZE   | GENUS/SPECIES                          | COMMON NAME         | QTY | SIZE   |
|--------------------------------------|----------------------------------|-----|----------|---------------------------------------|----------------------|-----|--------|--|---------------------|-----|--------|
| <b>TREES:</b>                        |                                  |     |          | <b>PERIMETER SHRUBS:</b>              |                      |     |        | <b>COURTYARD GROUNDCOVERS:</b>         |                     |     |        |
| PISTACIA CHINENSIS<br>'RED PUSH'     | RED PUSH PISTACHE                | 36  | 36\" BOX | RUPELLIA PENINSULARIS                 | BAJA RUELLIA         | 66  | 1 GAL. | LANIANA<br>'NEW GOLD'                  | NEW GOLD LANIANA    | 185 | 5 GAL. |
| DALBERGIA SISSOO                     | INDIAN ROSEWOOD                  | 18  | 24\" BOX | LANTANA 'NEW GOLD'                    | NEW GOLD LANTANA     | 189 | 1 GAL. | EREMOPHILA GLABRA<br>'MINGENOW GOLD'   | OUTBACK SUNRISE EMU | 45  | 5 GAL. |
| PROSOPIS THORNLESS<br>HYBRID 'AZT'   | AZT THORNLESS<br>HYBRID MESQUITE | 64  | 15\" GAL | HESPERALOE FUNIFERA                   | GIANT HESPERALOE     | 57  | 1 GAL. | <b>COURTYARD SHRUBS:</b>               |                     |     |        |
| CHILOPSIS LINEARIS<br>ART'S SEEDLESS | SEEDLESS DESERT<br>WILLOW        | 28  | 15\" GAL | EREMOPHILA HYGROPHANA<br>'BLUE BELLS' | BLUE BELLS           | 92  | 5 GAL. | EREMOPHILA MACULATA<br>'VALENTINE'     | VALENTINE BUSH      | 37  | 5 GAL. |
|                                      |                                  |     |          | SIMMONDSIA CHINENSIS                  | JOJOBA               | 32  | 5 GAL. | DASYLIRION WHEELERI                    | DESERT SPOON        | 29  | 5 GAL. |
|                                      |                                  |     |          | CAESALPINIA PULCHERRIMA               | RED BIRD OF PARADISE | 20  | 5 GAL. | HESPERALOE PARVIFLORA<br>'BRAKELIGHTS' | RED YUCCA           | 102 | 5 GAL. |
|                                      |                                  |     |          | DASYLIRION WHEELERI                   | DESERT SPOON         | 29  | 5 GAL. | RUPELLIA PENINSULARIS                  | BAJA RUELLIA        | 7   | 1 GAL. |
|                                      |                                  |     |          | EREMOPHILA GLABRA<br>'MINGENOW GOLD'  | OUTBACK SUNRISE EMU  | 115 | 1 GAL. | --- S.D.L. --- SIGHT DISTANCE LINE     |                     |     |        |

### SURFACE MATERIALS:

|  |  |   |  |  |   |  |  |
|--|--|---|--|--|---|--|--|
| DECOMPOSED GRANITE<br>2\" DEPTH<br>1/2\" MINUS SCREENED<br>COLOR: MOHAWK BROWN | DECOMPOSED GRANITE<br>1\" DEPTH<br>1/2\" MINUS SCREENED<br>COLOR: MOHAWK BROWN | COMPACTED DECOMPOSED GRANITE<br>3\" DEPTH<br>1/4\" MINUS<br>COLOR: MOHAWK BROWN | STABILIZED DECOMPOSED GRANITE<br>3\" DEPTH<br>1/4\" MINUS<br>COLOR: MOHAWK BROWN | TURF GRASS<br>ARDEN 15 SEED<br>REFER TO SPECIFICATIONS | IN-FIELD & WARNING TRACK MIX<br>4\" DEPTH<br>COLOR: TBD | 2\" INFIELD MIX OVER CLAY BASE PER<br>MANUFACTURER'S SPECS | CONCRETE HEADER<br>8\" WIDTH<br>COLOR: STANDARD GRAY |
|--|--|---|--|--|---|--|--|



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Jefferson Street and Cooper Street Avenue  
SPR 1 NCD 2020-0909-000N

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REVISIONS

30-2011-00  
LANDSCAPE  
PLAN

LS.205



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MATCHLINE SEE SHEET LS.205

MATCHLINE SEE SHEET LS.204

## Offsite Adjacent Ways

Landscape - Offsite - 4,791 SF

ABC GRAVEL  
SEE CIVIL PLANS

BASEBALL FIELD  
SEE SHT. LS403 & LS404

STORM DRAIN  
PER CIVIL ENGINEERING PLANS

VEHICULAR ACCESS GATE  
REFER TO ARCHITECTURAL PLANS  
SEE DTL. 1, SHT. LS410

6' SITE PERIMETER FENCING  
REFER TO ARCHITECTURAL PLANS  
SEE DTL. 1, SHT. LS402









CESAR CHAVEZ AVENUE

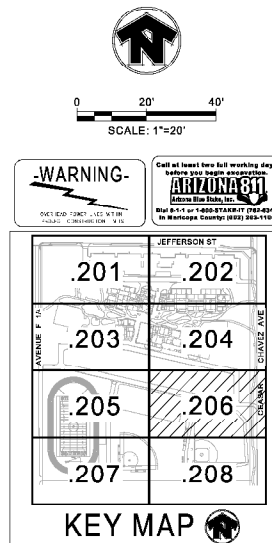
CHAVEZ AVENUE (AVENUE F)

### OVERALL LANDSCAPE LEGEND:

| GENUS/SPECIES   | COMMON NAME                          | QTY | SIZE    | GENUS/SPECIES   | COMMON NAME          | QTY | SIZE   | GENUS/SPECIES   | COMMON NAME         | QTY | SIZE   |
|---|--------------------------------------|-----|---------|---|----------------------|-----|--------|---|---------------------|-----|--------|
| <b>TREES:</b>   |                                      |     |         | <b>PERIMETER SHRUBS:</b>  |                      |     |        | <b>COURTYARD GROUNDCOVERS:</b>  |                     |     |        |
|  | PISTACIA CHINENSIS<br>'RED PUSH'     | 36  | 36" BOX |  | BAJA RUELLIA         | 66  | 1 GAL. |  | NEW GOLD LANTANA    | 185 | 5 GAL. |
|  | DALBERGIA SISSOO                     | 18  | 24" BOX |  | NEW GOLD LANTANA     | 189 | 1 GAL. |  | OUTBACK SUNRISE EMU | 45  | 5 GAL. |
|  | PROSOPIS THORNLESS<br>HYBRID 'AZT'   | 64  | 15" GAL |  | GIANT HESPERALOE     | 57  | 1 GAL. |  | 'MINGENOW GOLD'     |     |        |
|  | CHILOPSIS LINEARIS<br>ART'S SEEDLESS | 28  | 15" GAL |  | BLUE BELLS           | 92  | 5 GAL. | <b>COURTYARD SHRUBS:</b>  |                     |     |        |
|   |                                      |     |         |  | JOJOBA               | 32  | 5 GAL. |  | VALENTINE BUSH      | 37  | 5 GAL. |
|   |                                      |     |         |  | RED BIRD OF PARADISE | 20  | 5 GAL. |  | DESERT SPOON        | 44  | 5 GAL. |
|   |                                      |     |         |  | DESERT SPOON         | 29  | 5 GAL. |  | RED YUCCA           | 102 | 5 GAL. |
|   |                                      |     |         |  | OUTBACK SUNRISE EMU  | 115 | 1 GAL. |  | BAJA RUELLIA        | 7   | 1 GAL. |
|   |                                      |     |         |  | 'MINGENOW GOLD'      |     |        | --- S.D.L. --- SIGHT DISTANCE LINE  |                     |     |        |
|   |                                      |     |         |  | 'BRAKELIGHTS'        |     |        |   |                     |     |        |
|   |                                      |     |         |  | VALENTINE            | 41  | 5 GAL. |   |                     |     |        |

### SURFACE MATERIALS:

|   |  |
|---|--|
|    | DECOMPOSED GRANITE<br>2" DEPTH<br>1/2" MINUS SCREENED<br>COLOR: MOHAWK BROWN   |
|    | DECOMPOSED GRANITE<br>1" DEPTH<br>1/2" MINUS SCREENED<br>COLOR: MOHAWK BROWN   |
|    | COMPACTED DECOMPOSED GRANITE<br>3" DEPTH<br>1/4" MINUS<br>COLOR: MOHAWK BROWN  |
|    | STABILIZED DECOMPOSED GRANITE<br>3" DEPTH<br>1/4" MINUS<br>COLOR: MOHAWK BROWN |
|    | TURF GRASS<br>ARDEN 15 SEED<br>REFER TO SPECIFICATIONS                         |
|    | IN-FIELD & WARNING TRACK MIX<br>4" DEPTH<br>COLOR: TBD                         |
|  | 2" IN-FIELD MIX OVER CLAY BASE PER<br>MANUFACTURER'S SPECS                     |
|    | CONCRETE HEADER<br>8" WIDTH<br>COLOR: STANDARD GRAY                            |



SOMERTON HIGH SCHOOL  
YUMA UNION HIGH SCHOOL DISTRICT

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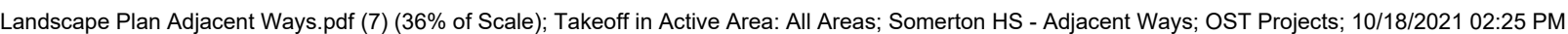
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**2**







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MATCHLINE SEE SHEET LS.206

Offsite Adjacent Ways

Landscape - Offsite - 4,306 SF

STORM DRAIN LINE, TYP.

BASEBALL FIELD,  
SEE SHT. LS403 & LS404

STABILIZED DECOMPOSED GRANITE PATHWAY WITH  
NO CONCRETE HEADER, SEE DTL. 10, SHT. LS401

PROJECT LIMITS

6" SITE PERIMETER FENCING,  
REFER TO ARCHITECTURAL PLANS,  
SEE DTL. 1, 6HT. L6402









FUTURE FIELD

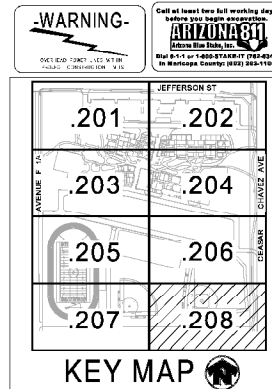
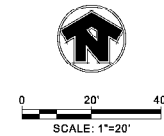
FUTURE FIELD

#### OVERALL LANDSCAPE LEGEND:

| GENUS/SPECIES   | COMMON NAME                          | QTY | SIZE    | GENUS/SPECIES   | COMMON NAME          | QTY | SIZE   | GENUS/SPECIES   | COMMON NAME         | QTY | SIZE   |
|---|--------------------------------------|-----|---------|---|----------------------|-----|--------|---|---------------------|-----|--------|
| <strong>TREES:</strong>   |                                      |     |         | <strong>PERIMETER SHRUBS:</strong>  |                      |     |        | <strong>COURTYARD GROUNDCOVERS:</strong>  |                     |     |        |
|  | PISTACIA CHINENSIS<br>'RED PUSH'     | 36  | 36" BOX |  | BAJA RUELLIA         | 66  | 1 GAL. |  | NEW GOLD LANTANA    | 185 | 5 GAL. |
|  | DALBERGIA SISSOO                     | 18  | 24" BOX |  | NEW GOLD LANTANA     | 189 | 1 GAL. |  | OUTBACK SUNRISE EMU | 45  | 5 GAL. |
|  | PROSOPIS THORNLESS<br>HYBRID 'AZT'   | 64  | 15" GAL |  | GIANT HESPERALOE     | 57  | 1 GAL. |  | OUTBACK SUNRISE EMU | 44  | 5 GAL. |
|  | CHILOPSIS LINEARIS<br>ART'S SEEDLESS | 26  | 15" GAL |  | BLUE BELLS           | 92  | 5 GAL. |  | RED YUCCA           | 102 | 5 GAL. |
|   |                                      |     |         |  | JOJOBA               | 32  | 5 GAL. |  | BAJA RUELLIA        | 7   | 1 GAL. |
|   |                                      |     |         |  | RED BIRD OF PARADISE | 20  | 5 GAL. |   |                     |     |        |
|   |                                      |     |         |  | DESERT SPOON         | 29  | 5 GAL. |   |                     |     |        |
|   |                                      |     |         |  | OUTBACK SUNRISE EMU  | 115 | 1 GAL. |   |                     |     |        |
|   |                                      |     |         |  | RED YUCCA            | 113 | 5 GAL. |   |                     |     |        |
|   |                                      |     |         |  | VALENTINE BUSH       | 41  | 5 GAL. |   |                     |     |        |

#### SURFACE MATERIALS:

|   |  |
|---|--|
|    | DECOMPOSED GRANITE<br>2" DEPTH<br>1/2" MINUS SCREENED<br>COLOR: MOHAWK BROWN   |
|    | DECOMPOSED GRANITE<br>1" DEPTH<br>1/2" MINUS SCREENED<br>COLOR: MOHAWK BROWN   |
|    | COMPACTED DECOMPOSED GRANITE<br>3" DEPTH<br>1/4" MINUS<br>COLOR: MOHAWK BROWN  |
|    | STABILIZED DECOMPOSED GRANITE<br>3" DEPTH<br>1/4" MINUS<br>COLOR: MOHAWK BROWN |
|    | TURF GRASS<br>ARDEN 15 SEED<br>REFER TO SPECIFICATIONS                         |
|    | IN-FIELD & WARNING TRACK MIX<br>4" DEPTH<br>COLOR: TBD                         |
|  | 2" INFIELD MIX OVER CLAY BASE PER<br>MANUFACTURER'S SPECS                      |
|    | CONCRETE HEADER<br>8" WIDTH<br>COLOR: STANDARD GRAY                            |



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