

STA. 969+09.44  
 (S-219)  
 STA. 2029+50.11  
 @ EB FRONTAGE RD  
 (S-272)

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

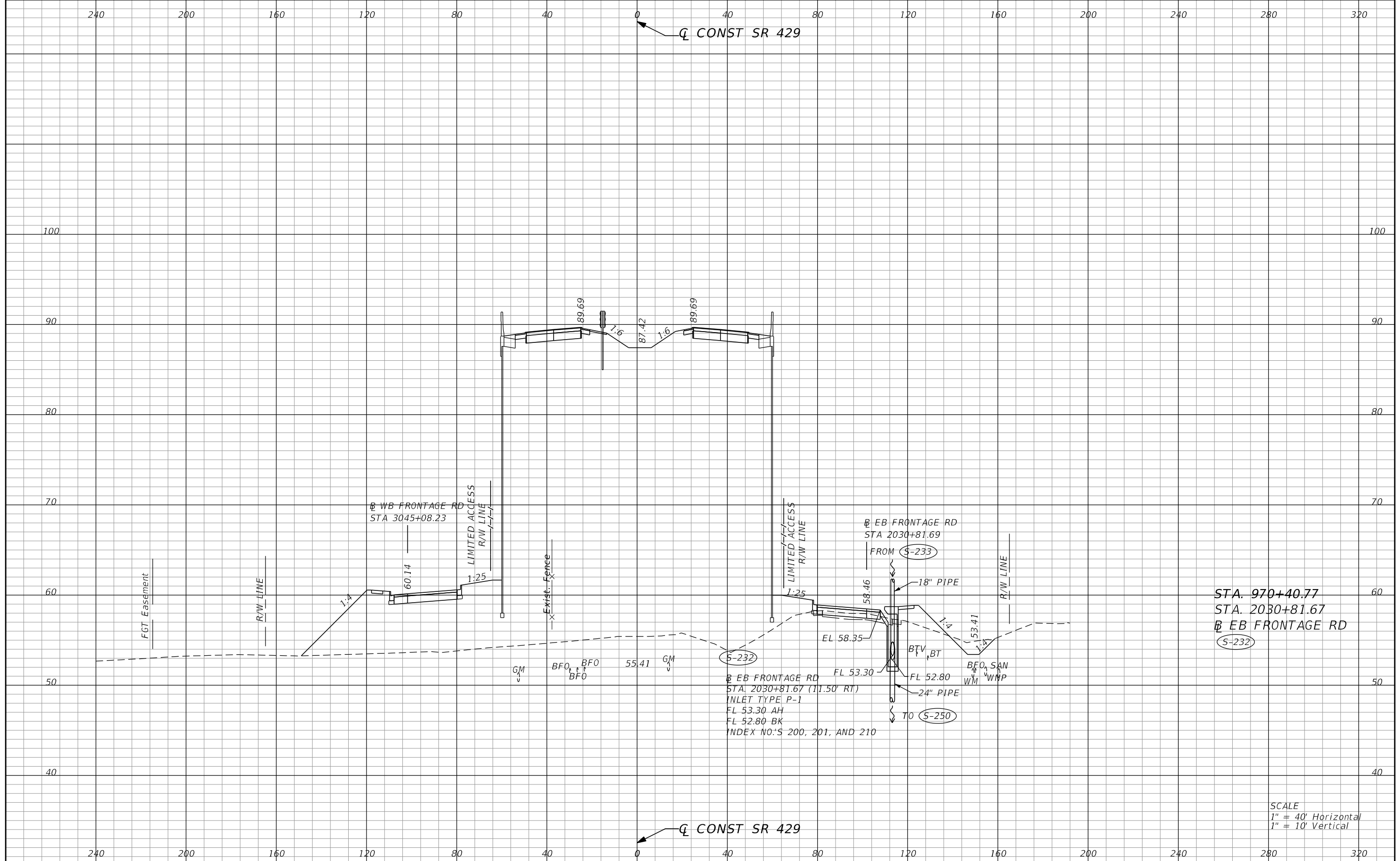
| REVISIONS |             |      |             |
|-----------|-------------|------|-------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |
|           |             |      |             |

DUSTIN E. PERKINS  
 P.E. LICENSE NO. 69225  
 URS CORPORATION  
 315 E. ROBINSON STREET, SUITE 245  
 ORLANDO, FL 32801-1949  
 PH (407) 422-0353 FAX (407) 423-2695  
 CERTIFICATE OF AUTHORIZATION NO. 000002

| STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      |
|--|----------|----------------------|
| ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |
| 429  | SEMINOLE | 240200-2-52-01       |

**DRAINAGE STRUCTURES**

SHEET NO.  
**394**



STA. 970+40.77  
 STA. 2030+81.67  
 EB FRONTAGE RD  
 S-232

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

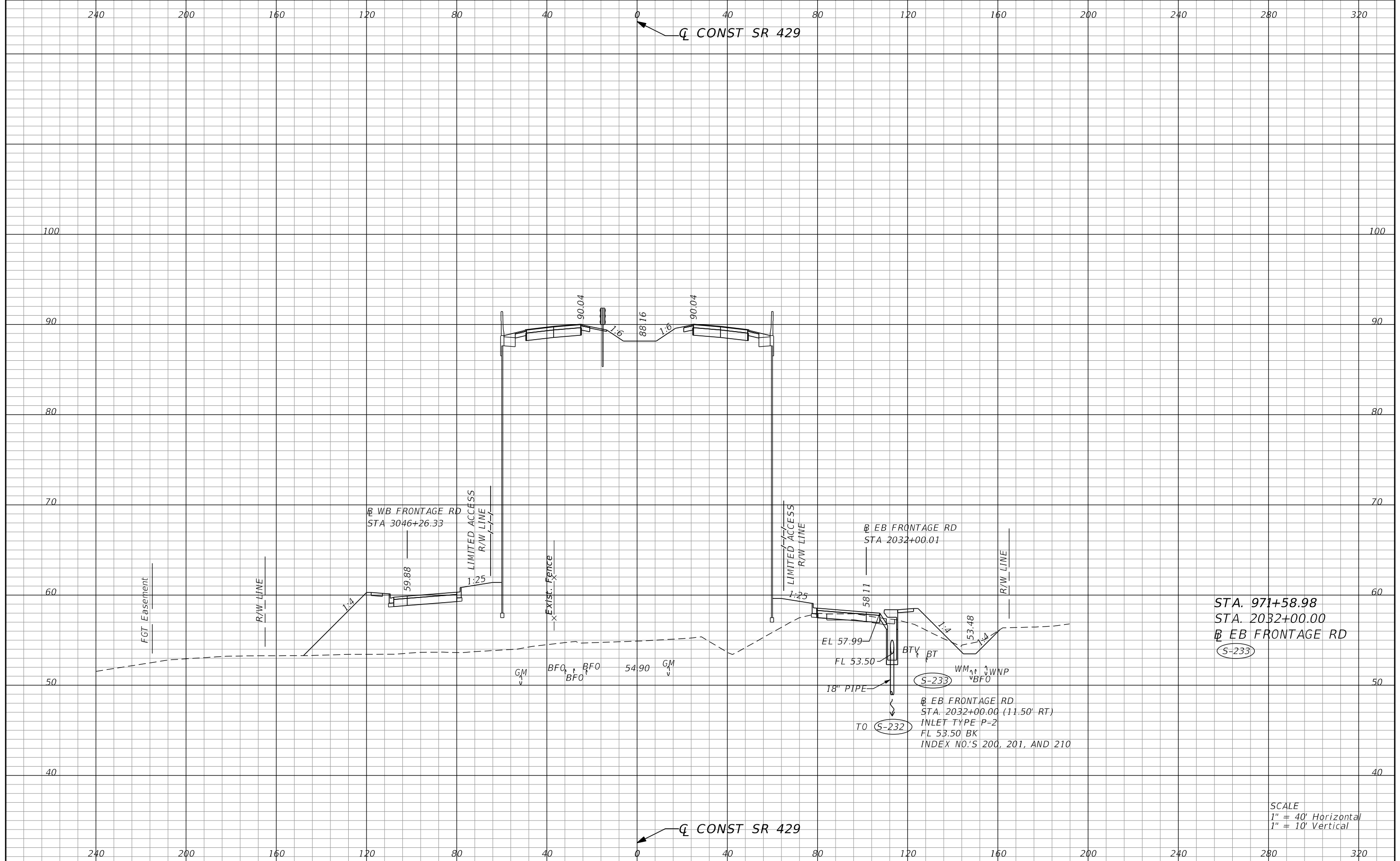
| REVISIONS |             |      |             |
|-----------|-------------|------|-------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |
|           |             |      |             |

DUSTIN E. PERKINS  
 P.E. LICENSE NO. 69225  
 URS CORPORATION  
 315 E. ROBINSON STREET, SUITE 245  
 ORLANDO, FL 32801-1949  
 PH (407) 422-0353 FAX (407) 423-2695  
 CERTIFICATE OF AUTHORIZATION NO. 000002

| STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      |
|--|----------|----------------------|
| ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |
| 429  | SEMINOLE | 240200-2-52-01       |

DRAINAGE STRUCTURES

SHEET NO.  
 395



STA. 971+58.98  
 STA. 2032+00.00  
 EB FRONTAGE RD  
 (S-233)

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

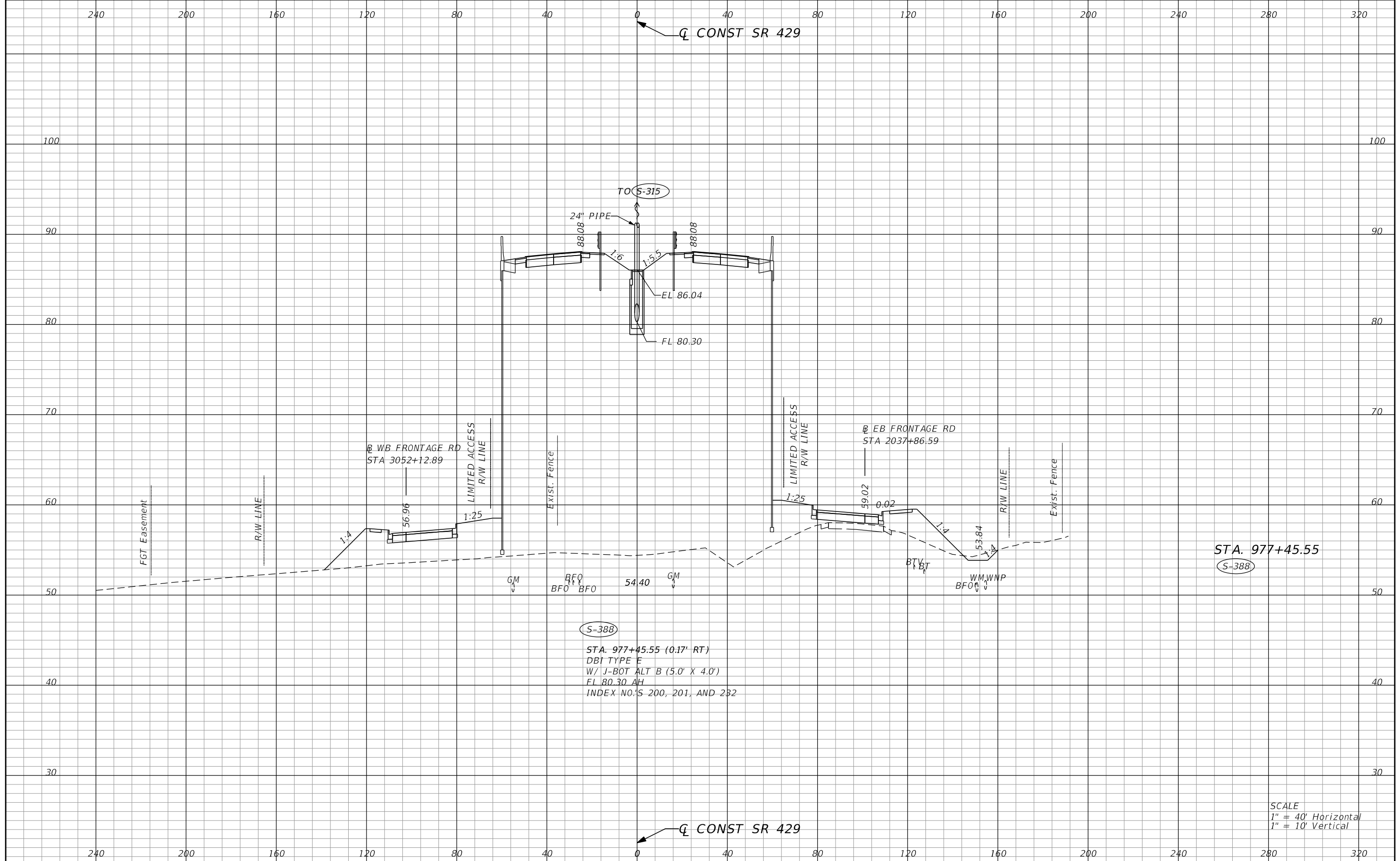
| REVISIONS |             |      |             |
|-----------|-------------|------|-------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |
|           |             |      |             |

DUSTIN E. PERKINS  
 P.E. LICENSE NO. 69225  
 URS CORPORATION  
 315 E. ROBINSON STREET, SUITE 245  
 ORLANDO, FL 32801-1949  
 PH (407) 422-0353 FAX (407) 423-2695  
 CERTIFICATE OF AUTHORIZATION NO. 000002

| STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      |
|--|----------|----------------------|
| ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |
| 429  | SEMINOLE | 240200-2-52-01       |

DRAINAGE STRUCTURES

SHEET NO.  
 396

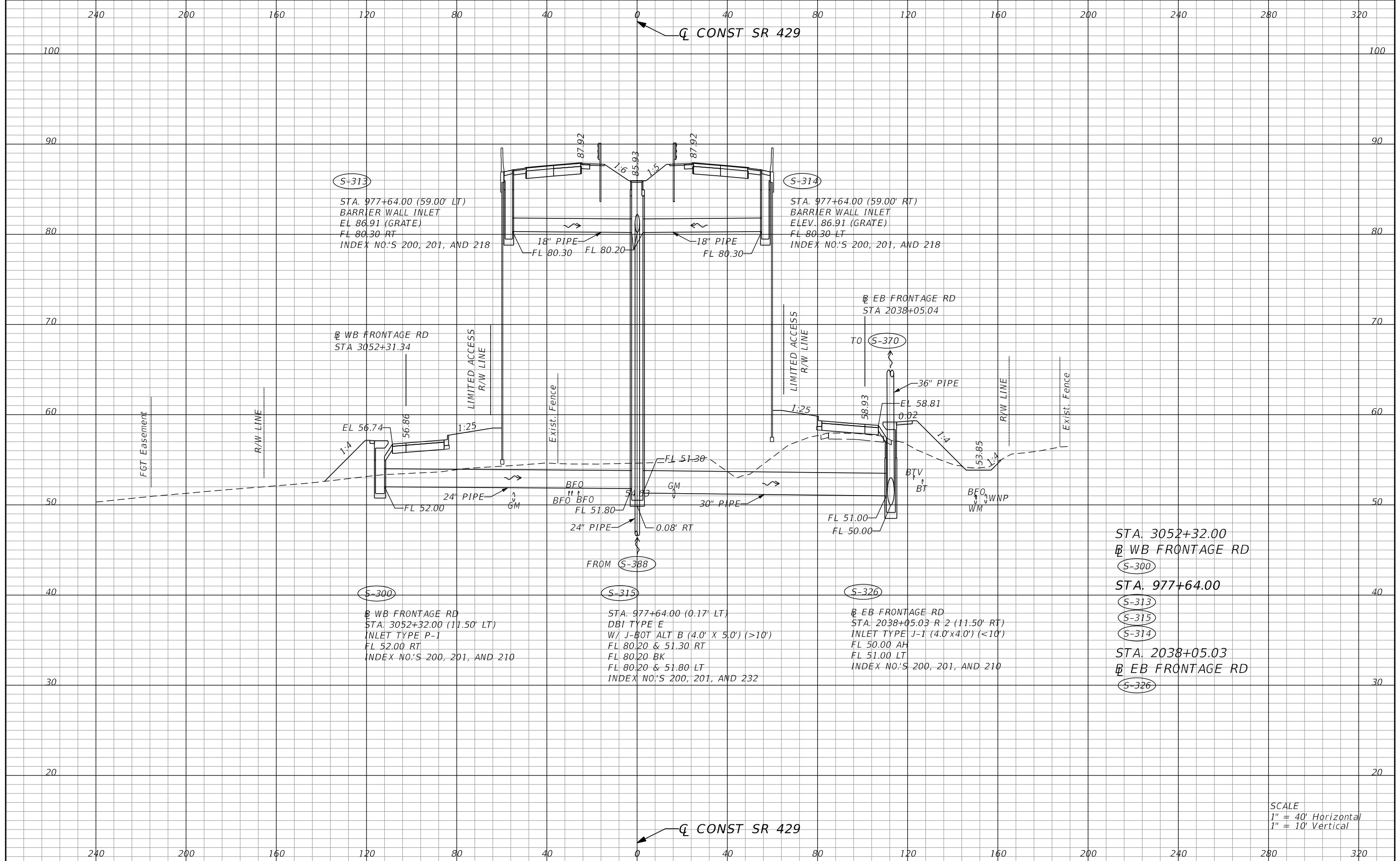


(S-388)  
 STA. 977+45.55 (0.17' RT)  
 DBI TYPE E  
 W/ J-BOT ALT B (5.0' X 4.0')  
 FL 80.30 AH  
 INDEX NO.'S 200, 201, AND 232

STA. 977+45.55  
 (S-388)

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

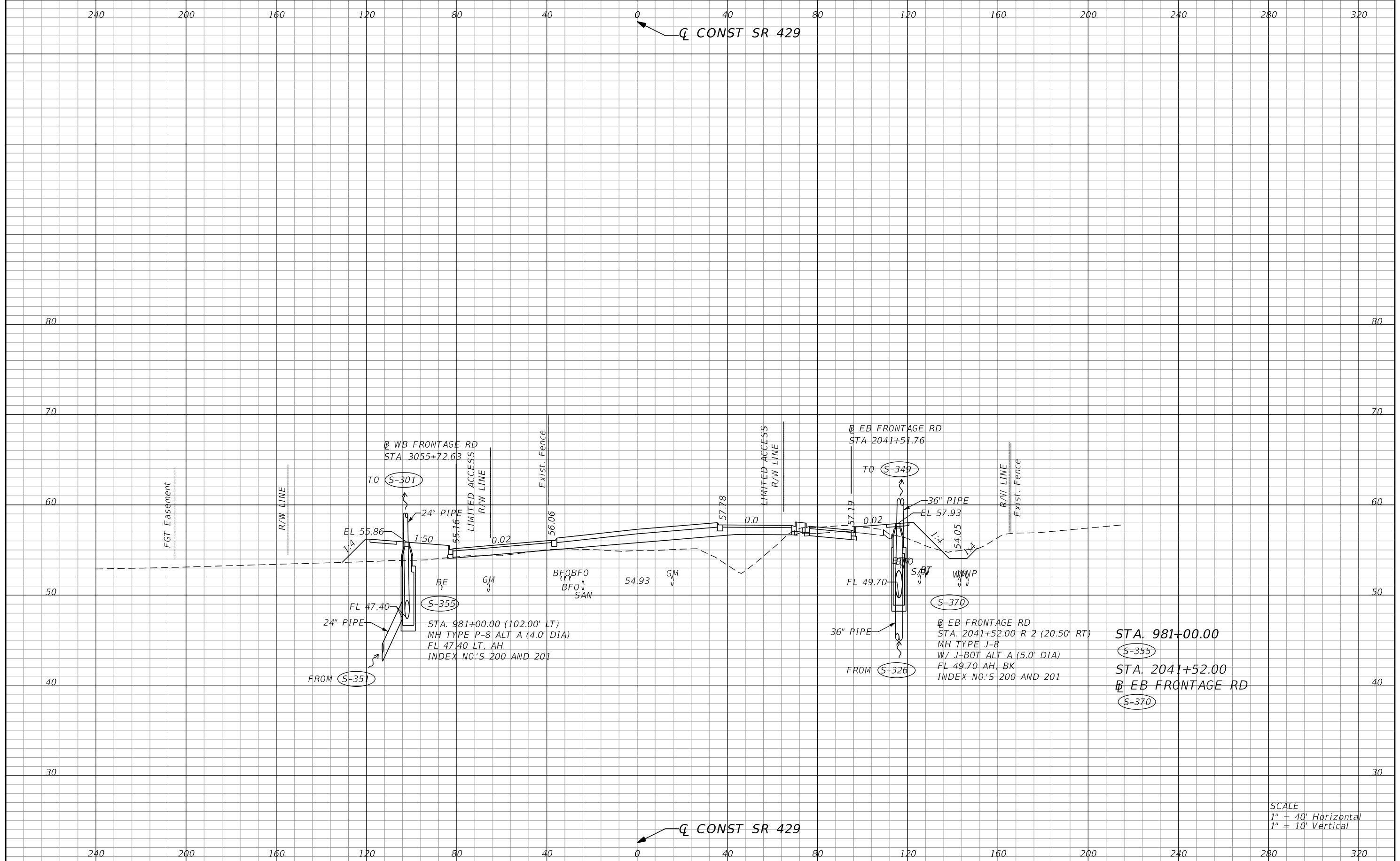
| REVISIONS                  |             | DATE |  | DESCRIPTION  |                         |
|----------------------------|-------------|------|--|--|-------------------------|
| DATE                       | DESCRIPTION | DATE | DESCRIPTION                                      |  |                         |
|                            |             |      |  | DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 |                         |
|                            |             |      | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |  |                         |
|                            |             |      | ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID    |
|                            |             |      | 429  | SEMINOLE   | 240200-2-52-01          |
| <b>DRAINAGE STRUCTURES</b> |             |      |  |  | SHEET NO.<br><b>397</b> |



STA. 3052+32.00  
 @ WB FRONTAGE RD  
 S-300  
 STA. 977+64.00  
 S-313  
 S-315  
 S-314  
 STA. 2038+05.03  
 @ EB FRONTAGE RD  
 S-326

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |             |      |             | DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |                |                      | <b>DRAINAGE STRUCTURES</b> | SHEET<br>NO.<br><b>398</b> |
|-----------|-------------|------|-------------|--|--|----------------|----------------------|----------------------------|----------------------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |  | ROAD NO.   | COUNTY         | FINANCIAL PROJECT ID |                            |                            |
|           |             |      |             | 429  | SEMINOLE   | 240200-2-52-01 |                      |                            |                            |

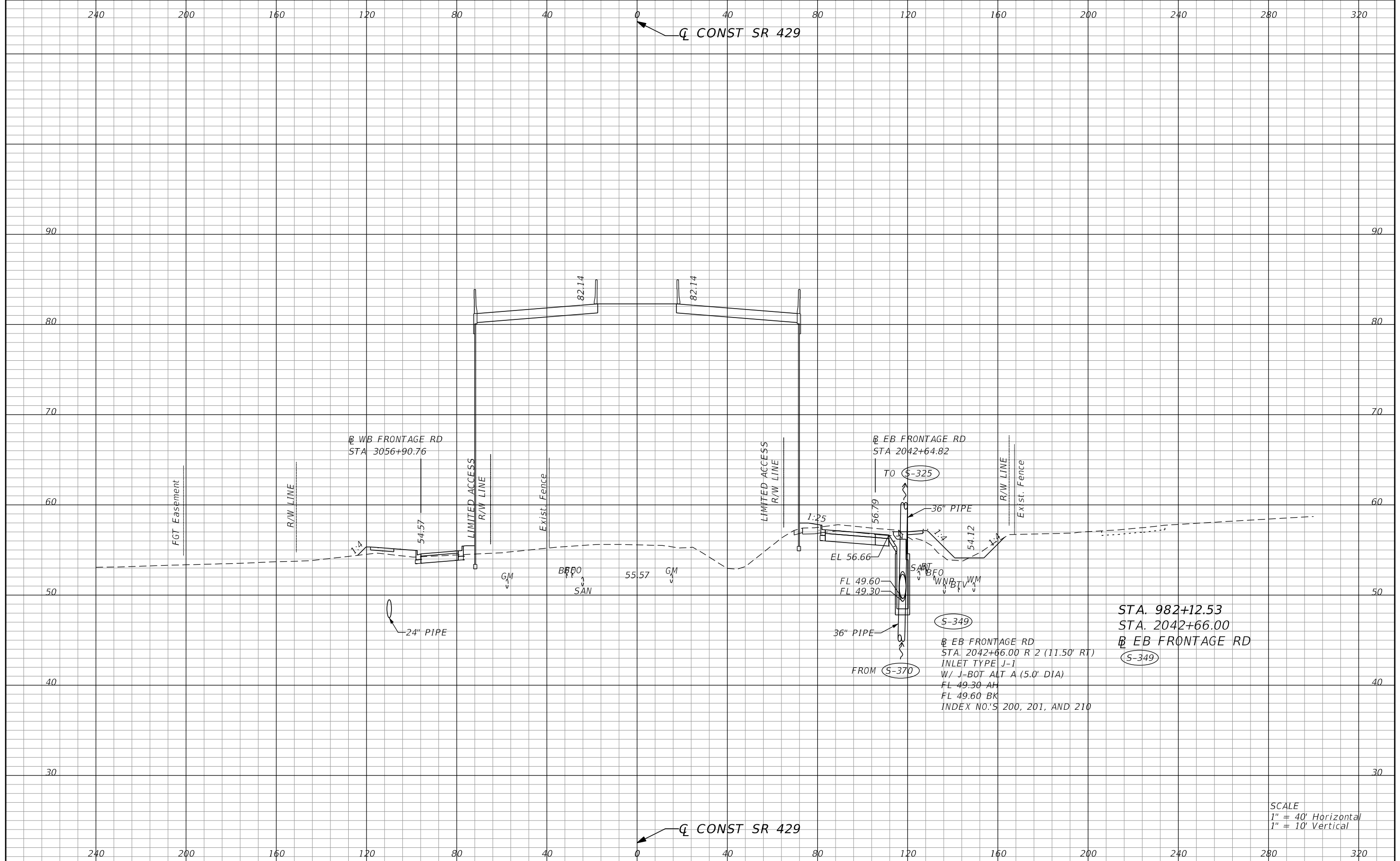


**STA. 981+00.00**  
 (S-355)  
**STA. 2041+52.00**  
 EB FRONTAGE RD  
 (S-370)

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |             | DESCRIPTION |             | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      | SHEET NO. |
|-----------|-------------|-------------|-------------|--|----------|----------------------|-----------|
| DATE      | DESCRIPTION | DATE        | DESCRIPTION | ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |           |
|           |             |             |             | 429  | SEMINOLE | 240200-2-52-01       | 399       |

DUSTIN E. PERKINS  
 P.E. LICENSE NO. 69225  
 URS CORPORATION  
 315 E. ROBINSON STREET, SUITE 245  
 ORLANDO, FL 32801-1949  
 PH (407) 422-0353 FAX (407) 423-2695  
 CERTIFICATE OF AUTHORIZATION NO. 000002



| REVISIONS |             | DATE | DESCRIPTION |
|-----------|-------------|------|-------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |

DUSTIN E. PERKINS  
P.E. LICENSE NO. 69225  
URS CORPORATION  
315 E. ROBINSON STREET, SUITE 245  
ORLANDO, FL 32801-1949  
PH (407) 422-0353 FAX (407) 423-2695  
CERTIFICATE OF AUTHORIZATION NO. 000002

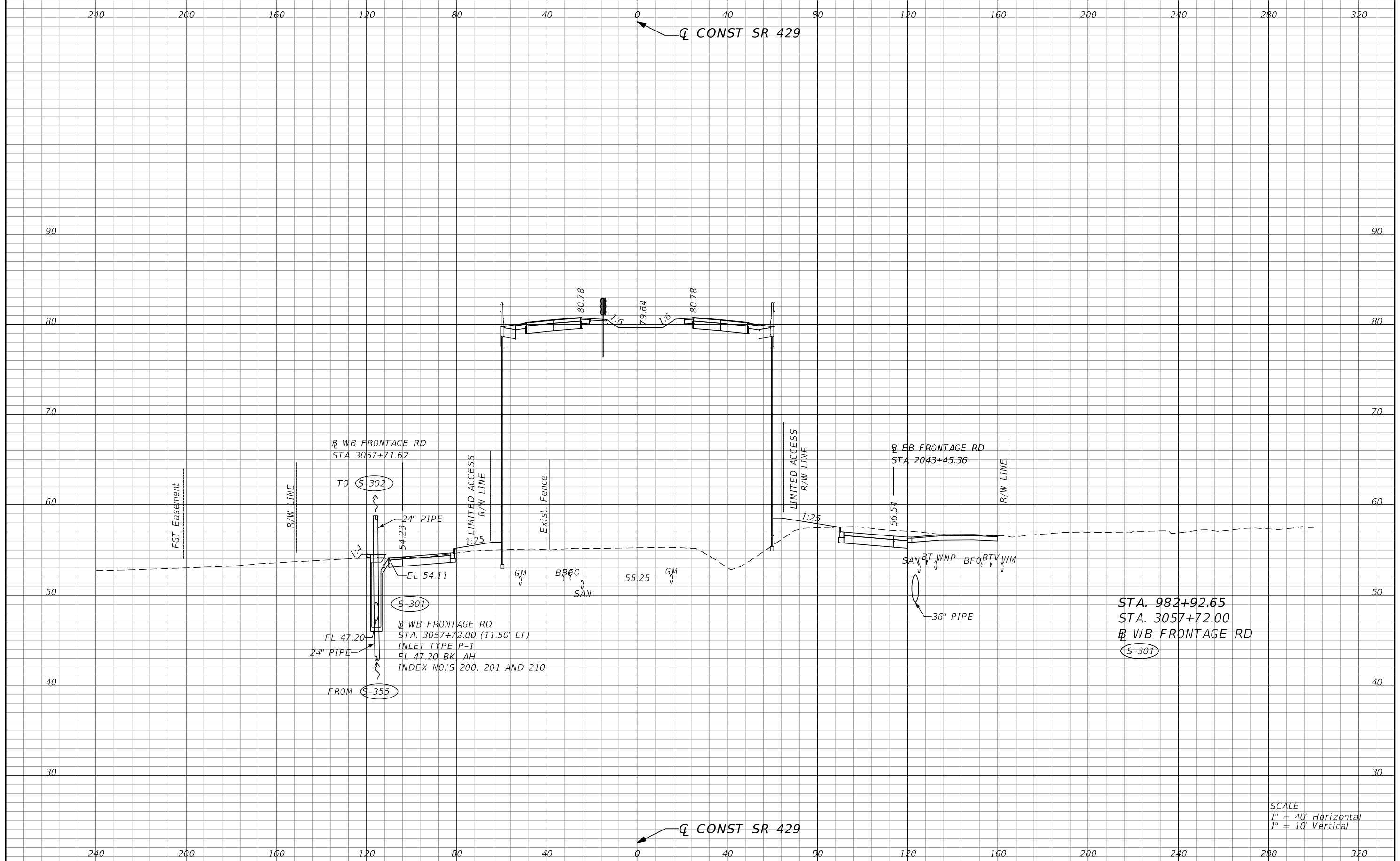
| STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      |
|--|----------|----------------------|
| ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |
| 429  | SEMINOLE | 240200-2-52-01       |

**DRAINAGE STRUCTURES**

SHEET NO.  
**400**

SCALE  
1" = 40' Horizontal  
1" = 10' Vertical

glen\_dvorovy 10/13/2015 2:15:47 PM 0:\Projects\CADD\24020025201\drainage\Xsect\DRXSRD01\_YL1.DGN



| REVISIONS |             |      |             |
|-----------|-------------|------|-------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |
|           |             |      |             |

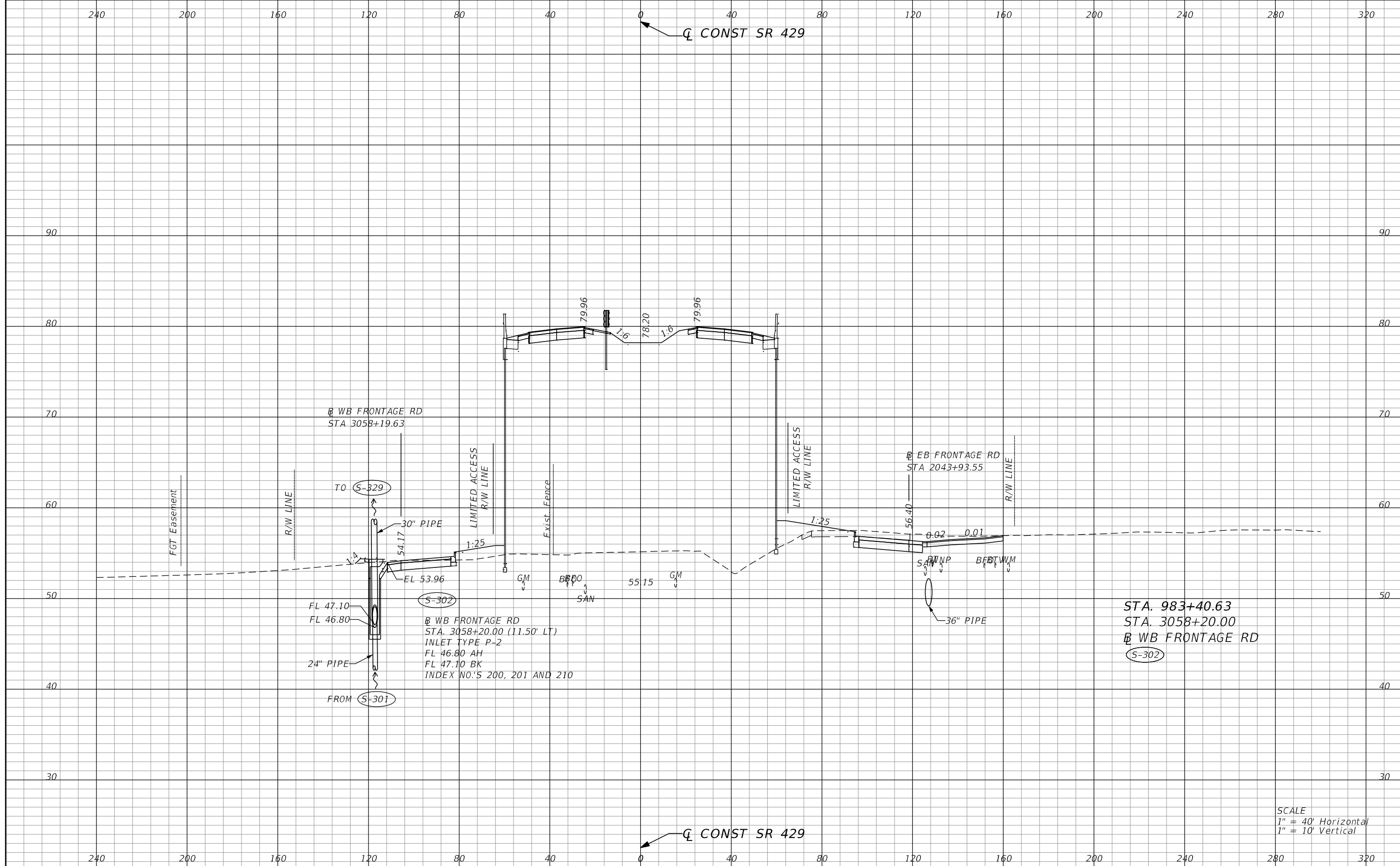
DUSTIN E. PERKINS  
P.E. LICENSE NO. 69225  
URS CORPORATION  
315 E. ROBINSON STREET, SUITE 245  
ORLANDO, FL 32801-1949  
PH (407) 422-0353 FAX (407) 423-2695  
CERTIFICATE OF AUTHORIZATION NO. 000002

| STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      |
|--|----------|----------------------|
| ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |
| 429  | SEMINOLE | 240200-2-52-01       |

**DRAINAGE STRUCTURES**

SHEET NO.  
**401**



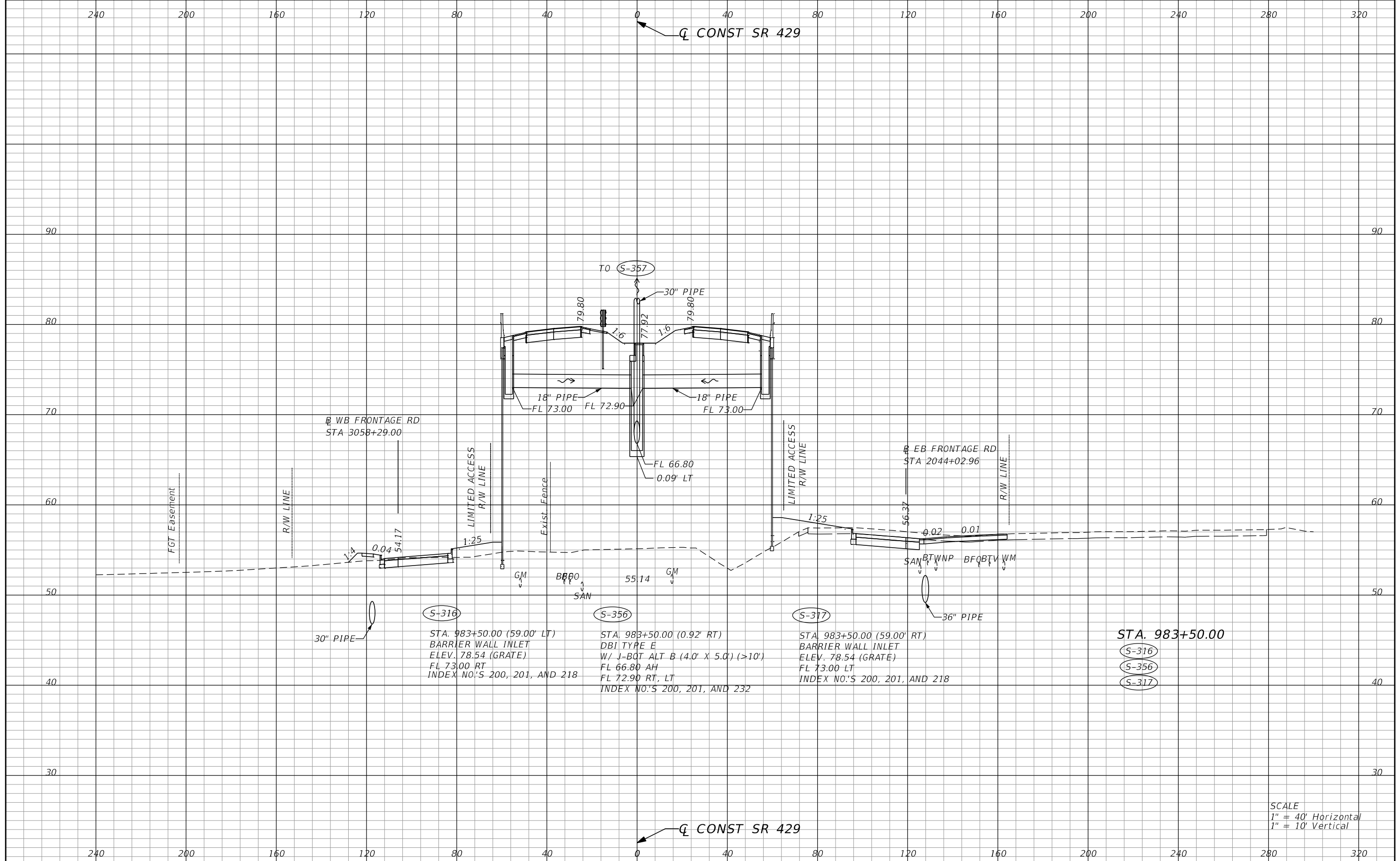


| REVISIONS |             | DESCRIPTION |             | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      | SHEET NO. |
|-----------|-------------|-------------|-------------|--|----------|----------------------|-----------|
| DATE      | DESCRIPTION | DATE        | DESCRIPTION | ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |           |
|           |             |             |             | 429  | SEMINOLE | 240200-2-52-01       | 402       |

DUSTIN E. PERKINS  
P.E. LICENSE NO. 69225  
URS CORPORATION  
315 E. ROBINSON STREET, SUITE 245  
ORLANDO, FL 32801-1949  
PH (407) 422-0353 FAX (407) 423-2695  
CERTIFICATE OF AUTHORIZATION NO. 000002

**DRAINAGE STRUCTURES**

glen\_dvorovy 10/13/2015 2:15:48 PM 0:\Projects\CADD\24020025201\drainage\Xsect\DRXSRD01\_YL1.DGN

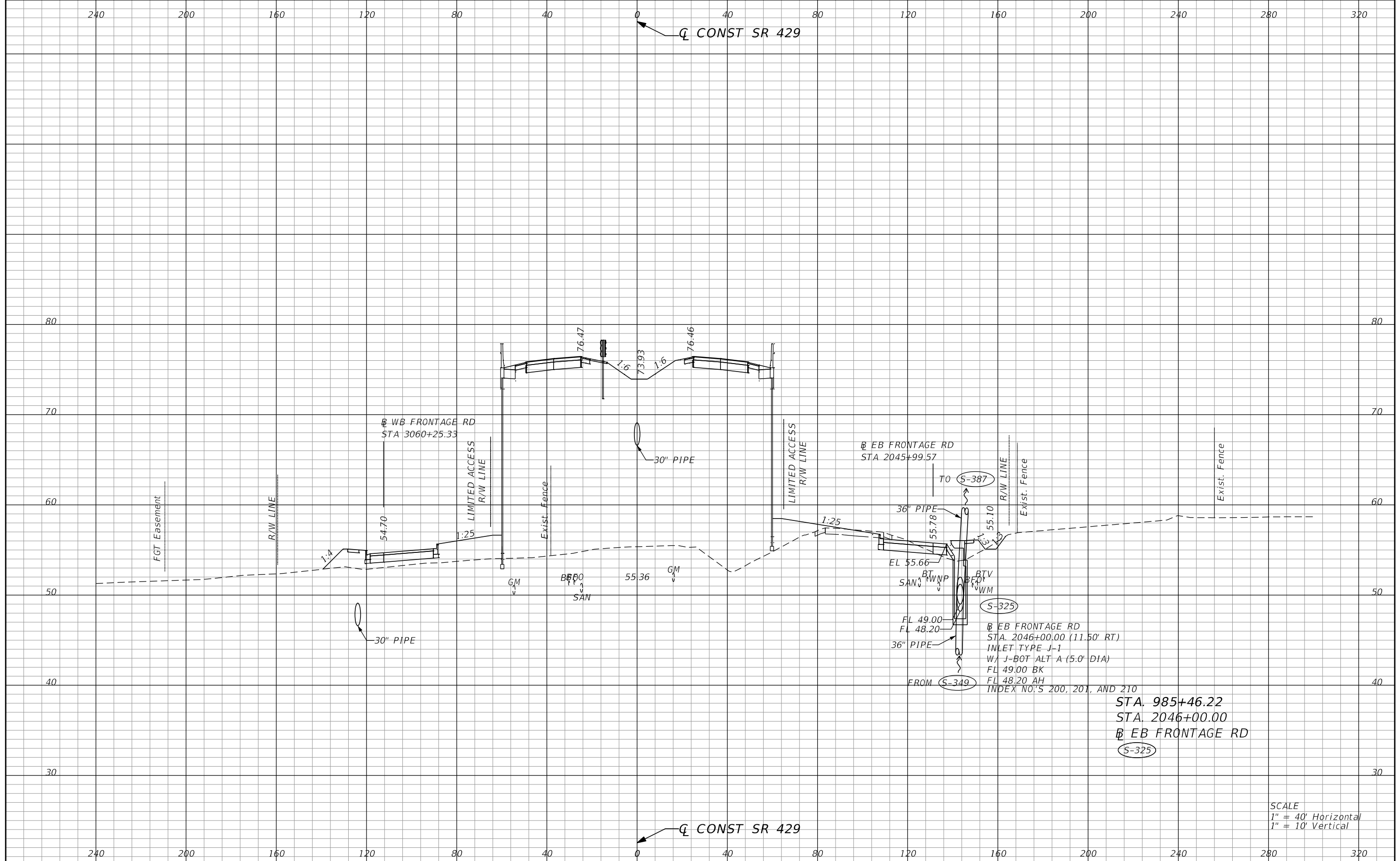


SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |             | DATE |             | DESCRIPTION |  |
|-----------|-------------|------|-------------|-------------|--|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |             |  |

|  |          |                      |  |  |  |                            |                         |
|--|----------|----------------------|--|--|--|----------------------------|-------------------------|
| DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 |          |                      | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |  |  | <b>DRAINAGE STRUCTURES</b> | SHEET NO.<br><b>403</b> |
| ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |  |  |  |                            |                         |
| 429  | SEMINOLE | 240200-2-52-01       |  |  |  |                            |                         |

glen\_dvorovy 10/13/2015 2:15:48 PM 0:\Projects\CADD\24020025201\drainage\Xsect\DRXSRD01\_YL1.DGN



| REVISIONS |             | DATE | DESCRIPTION |
|-----------|-------------|------|-------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |

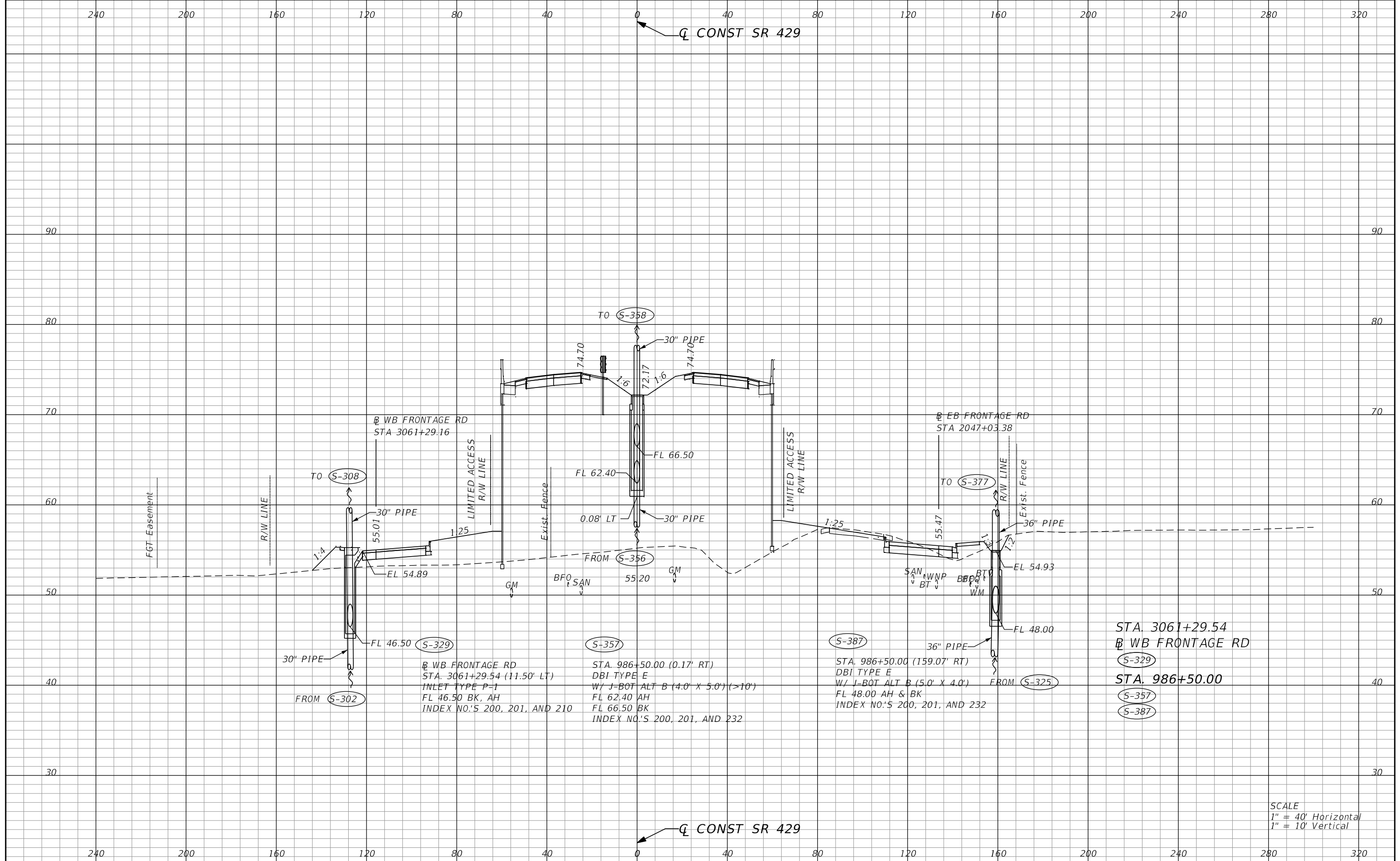
DUSTIN E. PERKINS  
P.E. LICENSE NO. 69225  
URS CORPORATION  
315 E. ROBINSON STREET, SUITE 245  
ORLANDO, FL 32801-1949  
PH (407) 422-0353 FAX (407) 423-2695  
CERTIFICATE OF AUTHORIZATION NO. 000002

|  |          |                      |
|--|----------|----------------------|
| STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      |
| ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |
| 429  | SEMINOLE | 240200-2-52-01       |

**DRAINAGE STRUCTURES**

SHEET NO.  
**404**

SCALE  
1" = 40' Horizontal  
1" = 10' Vertical

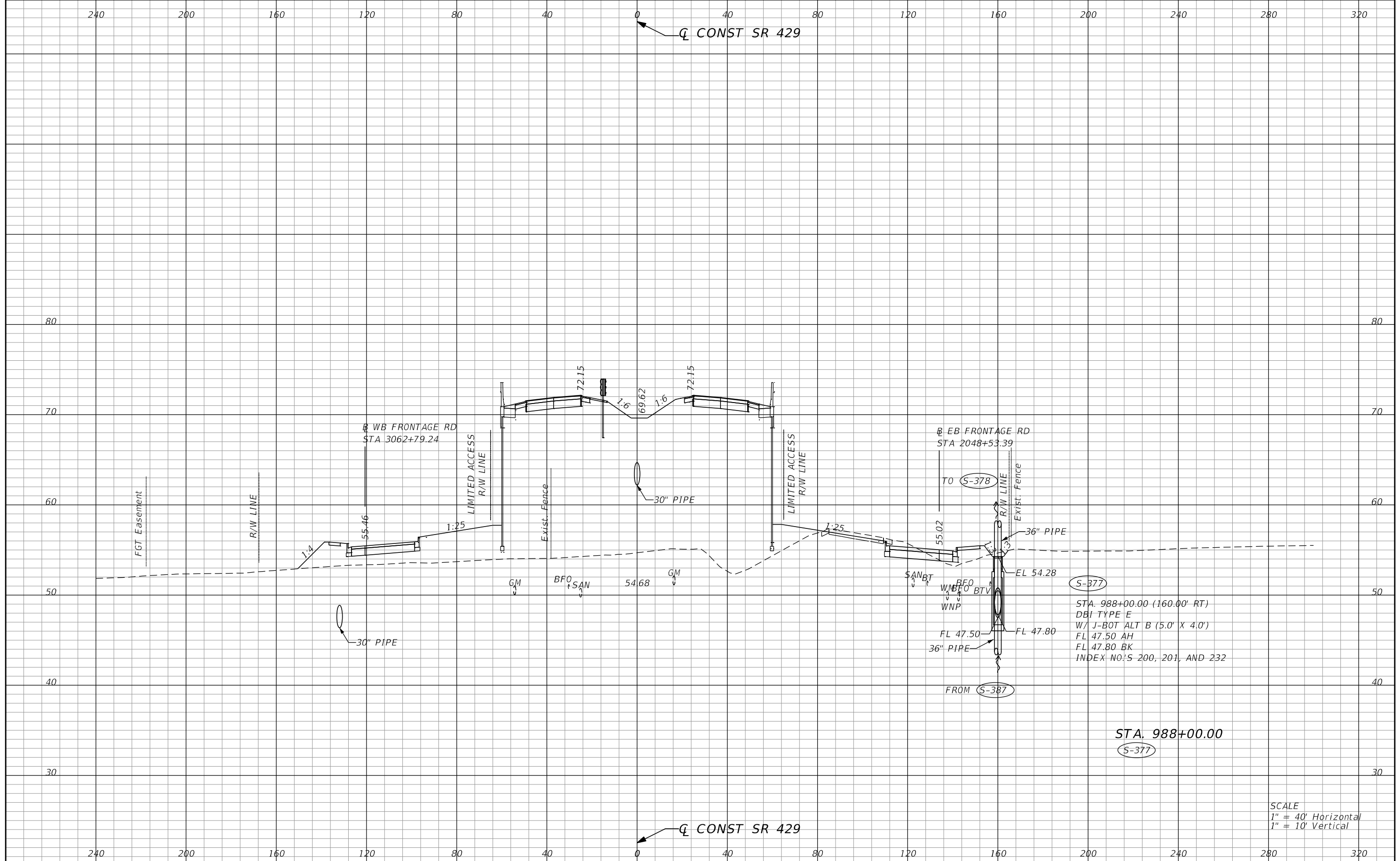


STA. 3061+29.54  
 @ WB FRONTAGE RD  
 S-329  
 STA. 986+50.00  
 S-357  
 S-387

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |             | DATE |             | DESCRIPTION |             |
|-----------|-------------|------|-------------|-------------|-------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION | DATE        | DESCRIPTION |
|           |             |      |             |             |             |

|  |        |                      |  |          |                |                            |                      |
|--|--------|----------------------|--|----------|----------------|----------------------------|----------------------|
| DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 |        |                      | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                | <b>DRAINAGE STRUCTURES</b> | SHEET NO.<br><br>405 |
| ROAD NO.   | COUNTY | FINANCIAL PROJECT ID | 429  | SEMINOLE | 240200-2-52-01 |                            |                      |



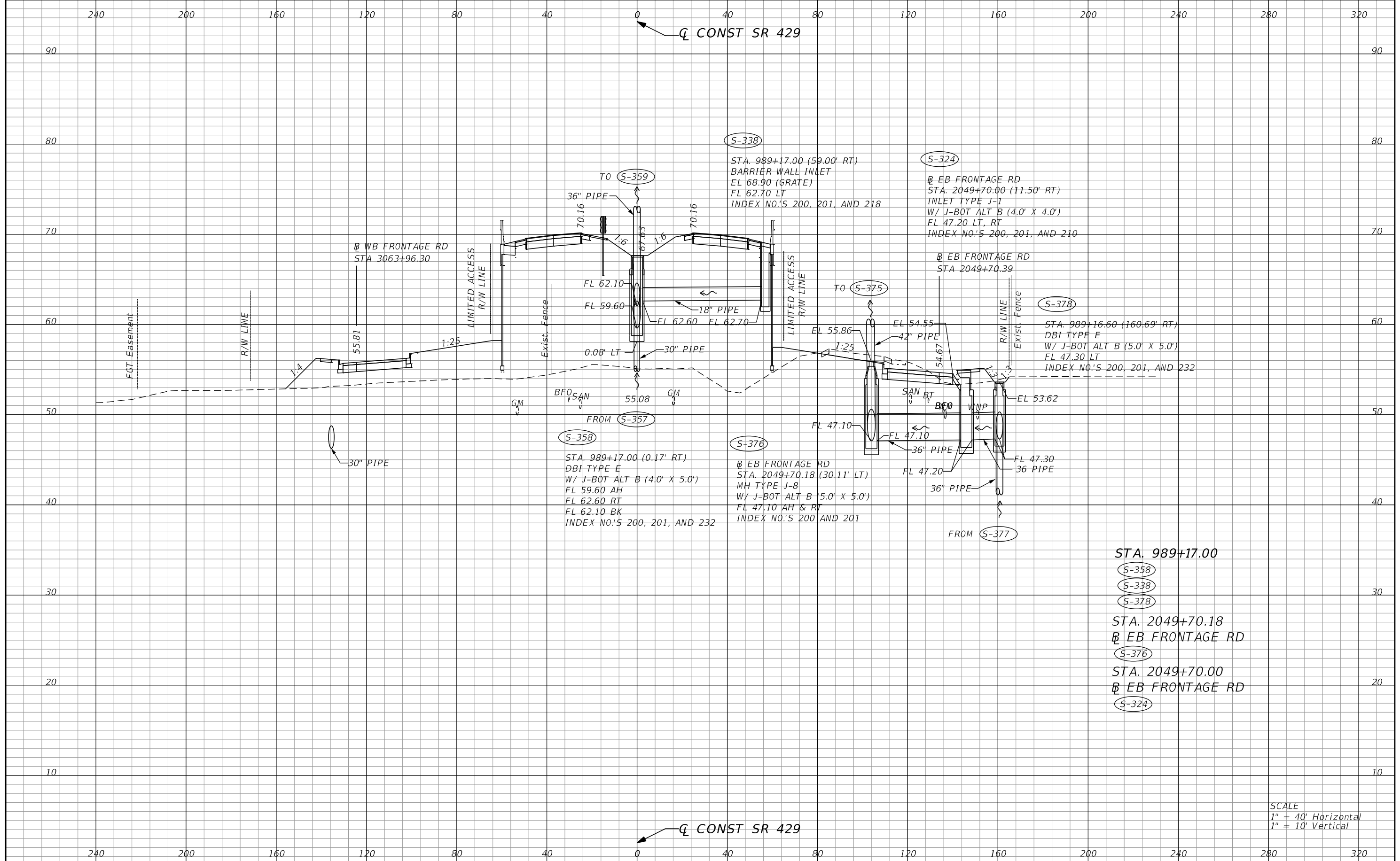
| REVISIONS |             |      |             |
|-----------|-------------|------|-------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |
|           |             |      |             |

DUSTIN E. PERKINS  
P.E. LICENSE NO. 69225  
URS CORPORATION  
315 E. ROBINSON STREET, SUITE 245  
ORLANDO, FL 32801-1949  
PH (407) 422-0353 FAX (407) 423-2695  
CERTIFICATE OF AUTHORIZATION NO. 000002

| STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      |
|--|----------|----------------------|
| ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |
| 429  | SEMINOLE | 240200-2-52-01       |

**DRAINAGE STRUCTURES**

SHEET NO.  
406

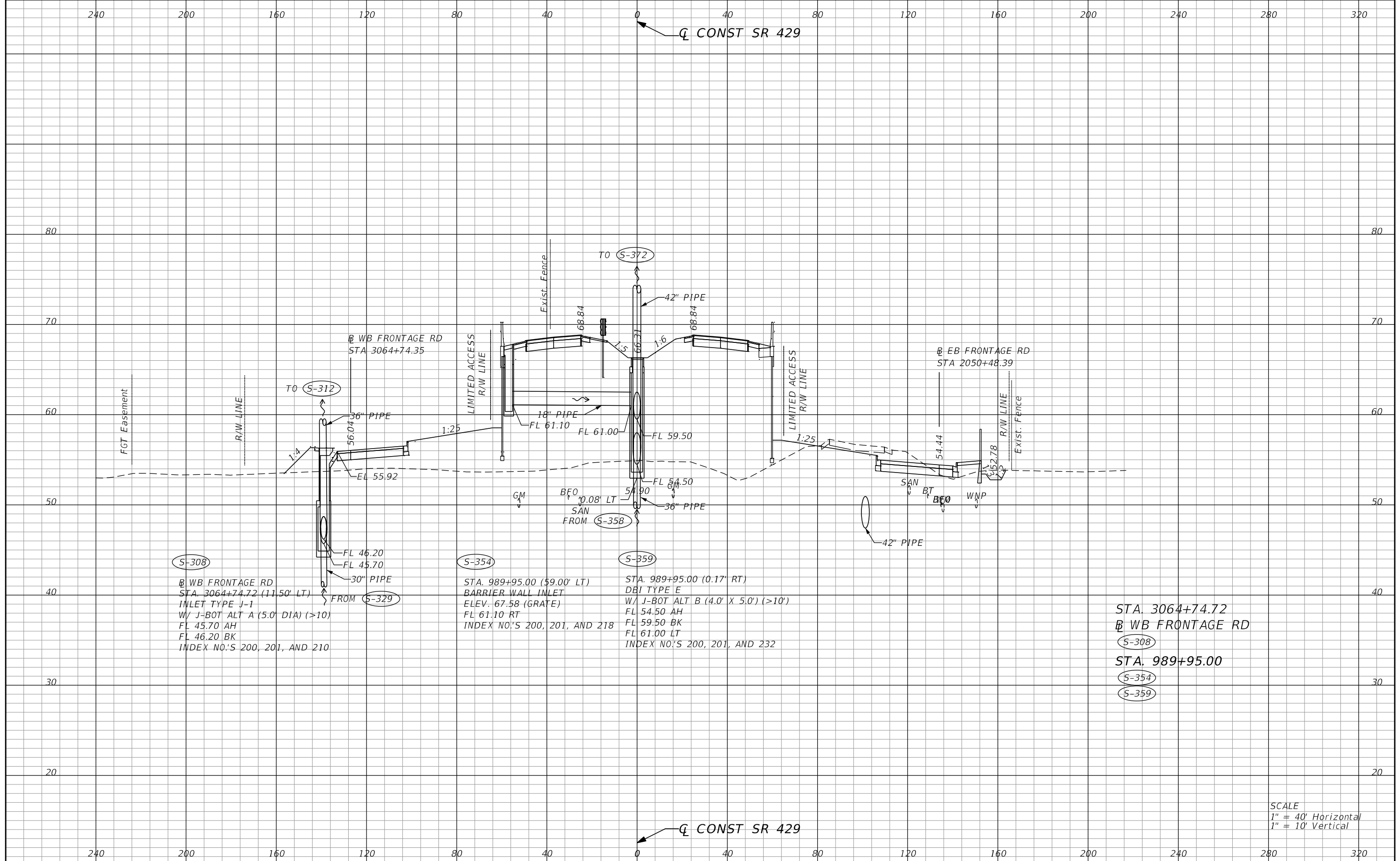


STA. 989+17.00  
 S-358  
 S-338  
 S-378  
 STA. 2049+70.18  
 EB FRONTAGE RD  
 S-376  
 STA. 2049+70.00  
 EB FRONTAGE RD  
 S-324

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |             | DATE |             | DESCRIPTION |  |
|-----------|-------------|------|-------------|-------------|--|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |             |  |

|  |          |                      |  |  |  |                            |                      |
|--|----------|----------------------|--|--|--|----------------------------|----------------------|
| DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 |          |                      | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |  |  | <b>DRAINAGE STRUCTURES</b> | SHEET NO.<br><br>407 |
| ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |  |  |  |                            |                      |
| 429  | SEMINOLE | 240200-2-52-01       |  |  |  |                            |                      |



**S-308**  
 @ WB FRONTAGE RD  
 STA. 3064+74.72 (11.50' LT)  
 INLET TYPE J-1  
 W/ J-BOT ALT A (5.0' DIA) (>10')  
 FL 45.70 AH  
 FL 46.20 BK  
 INDEX NO.'S 200, 201, AND 210

**S-354**  
 STA. 989+95.00 (9.00' LT)  
 BARRIER WALL INLET  
 ELEV. 67.58 (GRATE)  
 FL 61.10 RT  
 INDEX NO.'S 200, 201, AND 218

**S-359**  
 STA. 989+95.00 (0.17' RT)  
 DEI TYPE E  
 W/ J-BOT ALT B (4.0' X 5.0') (>10')  
 FL 54.50 AH  
 FL 59.50 BK  
 FL 61.00 LT  
 INDEX NO.'S 200, 201, AND 232

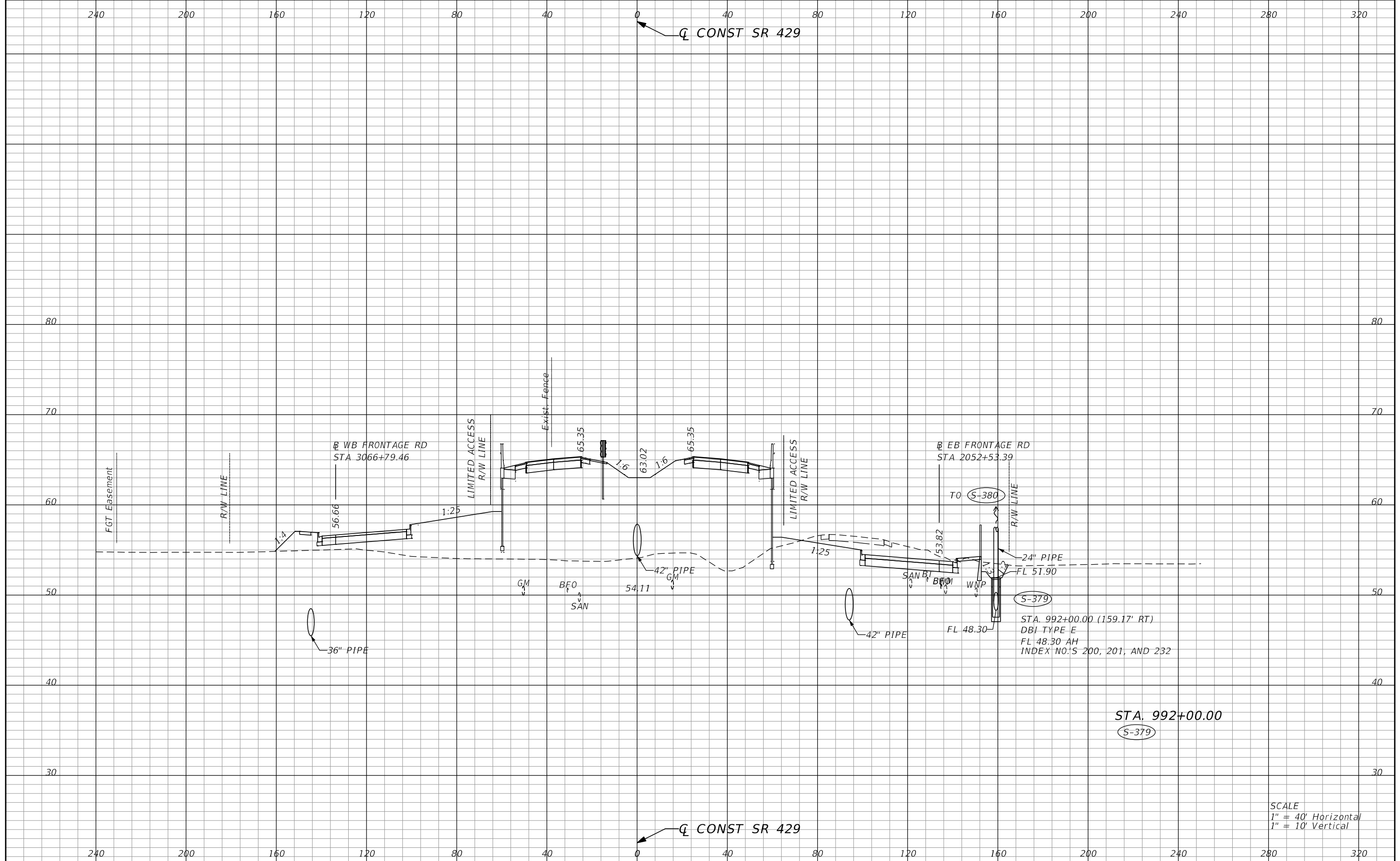
STA. 3064+74.72  
 @ WB FRONTAGE RD  
**S-308**  
 STA. 989+95.00  
**S-354**  
**S-359**

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |             |      |             | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      | SHEET<br>NO. |
|-----------|-------------|------|-------------|--|----------|----------------------|--------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION | ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |              |
|           |             |      |             | 429  | SEMINOLE | 240200-2-52-01       | 408          |

DUSTIN E. PERKINS  
 P.E. LICENSE NO. 69225  
 URS CORPORATION  
 315 E. ROBINSON STREET, SUITE 245  
 ORLANDO, FL 32801-1949  
 PH (407) 422-0353 FAX (407) 423-2695  
 CERTIFICATE OF AUTHORIZATION NO. 000002

glen\_dvorovy 10/13/2015 2:15:50 PM 0:\Projects\CADD\24020025201\drainage\Xsect\DRXSRD01\_YL1.DGN



STA. 992+00.00 (159.17' RT)  
 DBI TYPE E  
 FL 48.30 AH  
 INDEX NO.'S 200, 201, AND 232

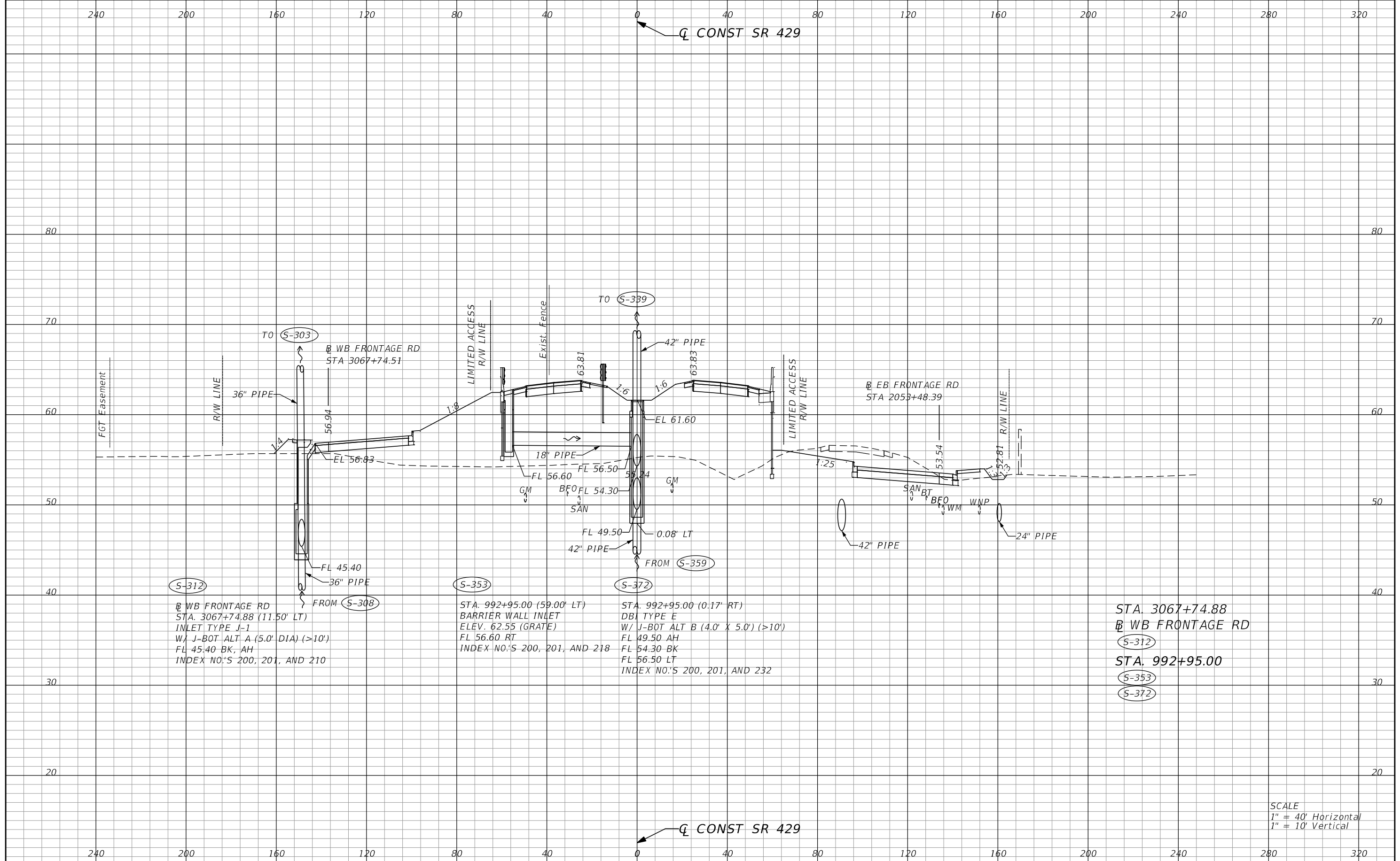
STA. 992+00.00  
 S-379

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |             | DATE |             | DESCRIPTION |  |
|-----------|-------------|------|-------------|-------------|--|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |             |  |
|           |             |      |             |             |  |

|  |        |                      |  |          |                |                            |                      |
|--|--------|----------------------|--|----------|----------------|----------------------------|----------------------|
| DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 |        |                      | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                | <b>DRAINAGE STRUCTURES</b> | SHEET NO.<br><br>409 |
| ROAD NO.   | COUNTY | FINANCIAL PROJECT ID | 429  | SEMINOLE | 240200-2-52-01 |                            |                      |





**S-312**  
 WB FRONTAGE RD  
 STA. 3067+74.88 (11.50' LT)  
 INLET TYPE J-1  
 W/ J-BOT ALT A (5.0' DIA) (>10')  
 FL 45.40 BK, AH  
 INDEX NO.'S 200, 201, AND 210

**S-353**  
 STA. 992+95.00 (59.00' LT)  
 BARRIER WALL INLET  
 ELEV. 62.55 (GRATE)  
 FL 56.60 RT  
 INDEX NO.'S 200, 201, AND 218

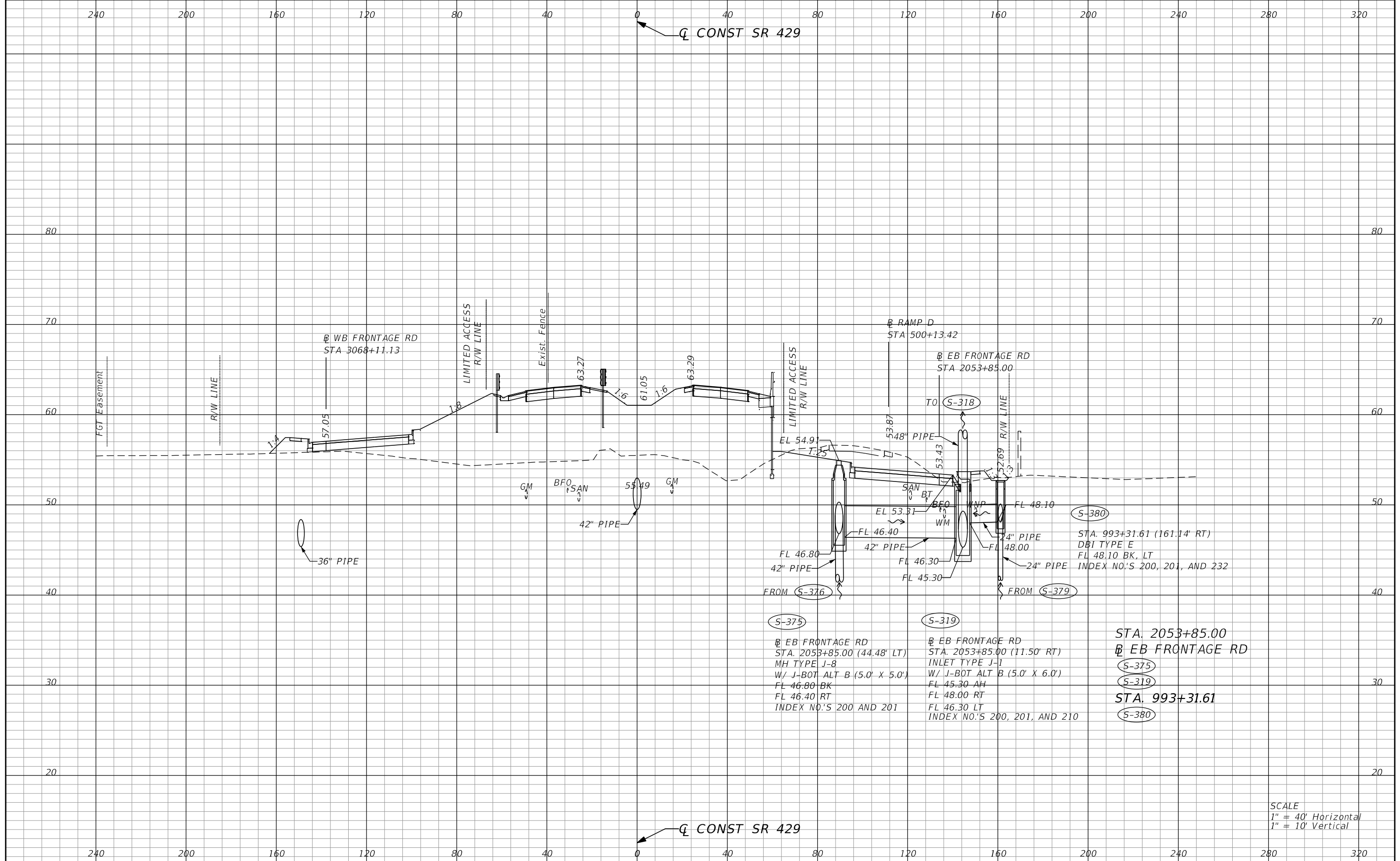
**S-372**  
 STA. 992+95.00 (0.17' RT)  
 DBI TYPE E  
 W/ J-BOT ALT B (4.0' X 5.0') (>10')  
 FL 49.50 AH  
 FL 54.30 BK  
 FL 56.50 LT  
 INDEX NO.'S 200, 201, AND 232

STA. 3067+74.88  
 WB FRONTAGE RD  
**S-312**  
 STA. 992+95.00  
**S-353**  
**S-372**

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |  | DATE |  | DESCRIPTION |  |
|-----------|--|------|--|-------------|--|
|           |  |      |  |             |  |

|  |        |                      |  |          |                |                            |                             |
|--|--------|----------------------|--|----------|----------------|----------------------------|-----------------------------|
| DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 |        |                      | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                | <b>DRAINAGE STRUCTURES</b> | SHEET NO.<br><br><b>410</b> |
| ROAD NO.   | COUNTY | FINANCIAL PROJECT ID | 429  | SEMINOLE | 240200-2-52-01 |                            |                             |



STA. 993+31.61 (161.14' RT)  
 DBI TYPE E  
 FL 48.10 BK, LT  
 INDEX NO.'S 200, 201, AND 232

**S-375**  
 EB FRONTAGE RD  
 STA. 2053+85.00 (44.48' LT)  
 MH TYPE J-8  
 W/ J-BOT ALT B (5.0' X 5.0')  
 FL 46.80 BK  
 FL 46.40 RT  
 INDEX NO.'S 200 AND 201

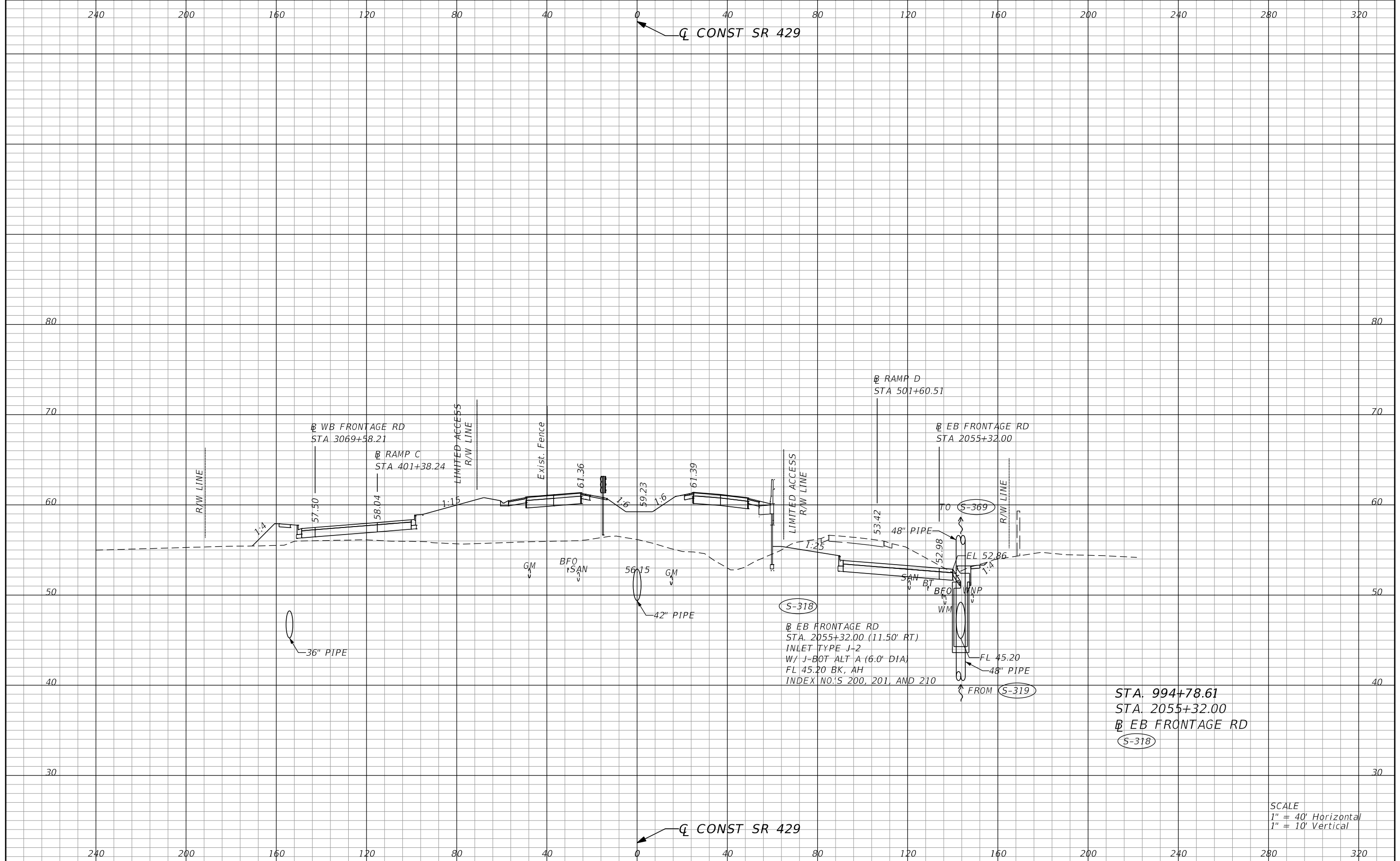
**S-319**  
 EB FRONTAGE RD  
 STA. 2053+85.00 (11.50' RT)  
 INLET TYPE J-1  
 W/ J-BOT ALT B (5.0' X 6.0')  
 FL 45.30 AH  
 FL 48.00 RT  
 FL 46.30 LT  
 INDEX NO.'S 200, 201, AND 210

STA. 2053+85.00  
 EB FRONTAGE RD  
**S-375**  
**S-319**  
 STA. 993+31.61  
**S-380**

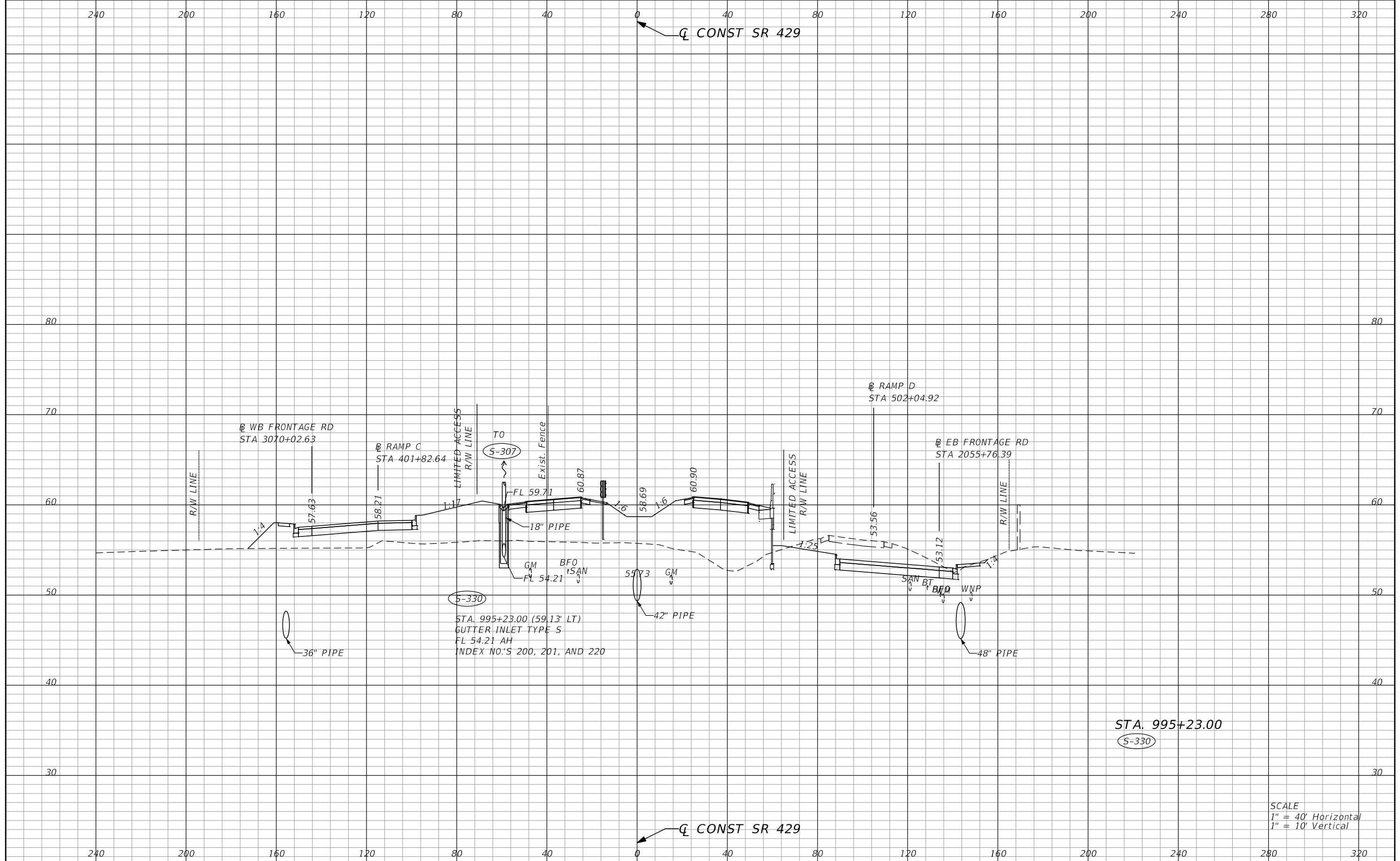
SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |             | DATE |             | DESCRIPTION |  |
|-----------|-------------|------|-------------|-------------|--|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |             |  |
|           |             |      |             |             |  |

|  |          |                      |  |  |  |                            |                             |
|--|----------|----------------------|--|--|--|----------------------------|-----------------------------|
| DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 |          |                      | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |  |  | <b>DRAINAGE STRUCTURES</b> | SHEET NO.<br><br><b>411</b> |
| ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |  |  |  |                            |                             |
| 429  | SEMINOLE | 240200-2-52-01       |  |  |  |                            |                             |



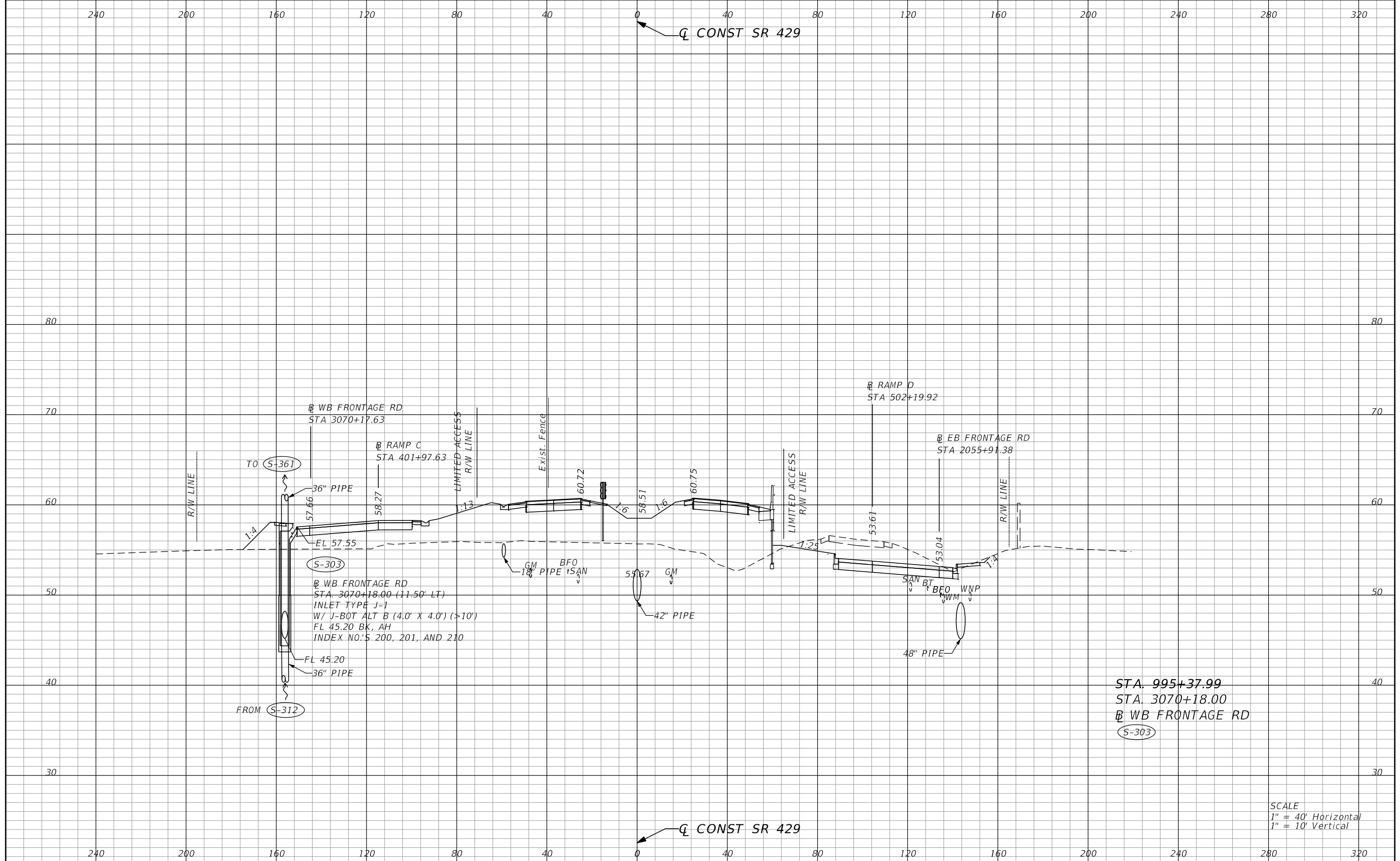
| REVISIONS  |             |      |             | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      | SHEET<br>NO. |
|--|-------------|------|-------------|--|----------|----------------------|--------------|
| DATE   | DESCRIPTION | DATE | DESCRIPTION | ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |              |
|  |             |      |             | 429  | SEMINOLE | 240200-2-52-01       | 412          |
| DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 |             |      |             | <b>DRAINAGE STRUCTURES</b>                       |          |                      |              |



SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |             | DATE |             | DESCRIPTION |  |
|-----------|-------------|------|-------------|-------------|--|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |             |  |
|           |             |      |             |             |  |

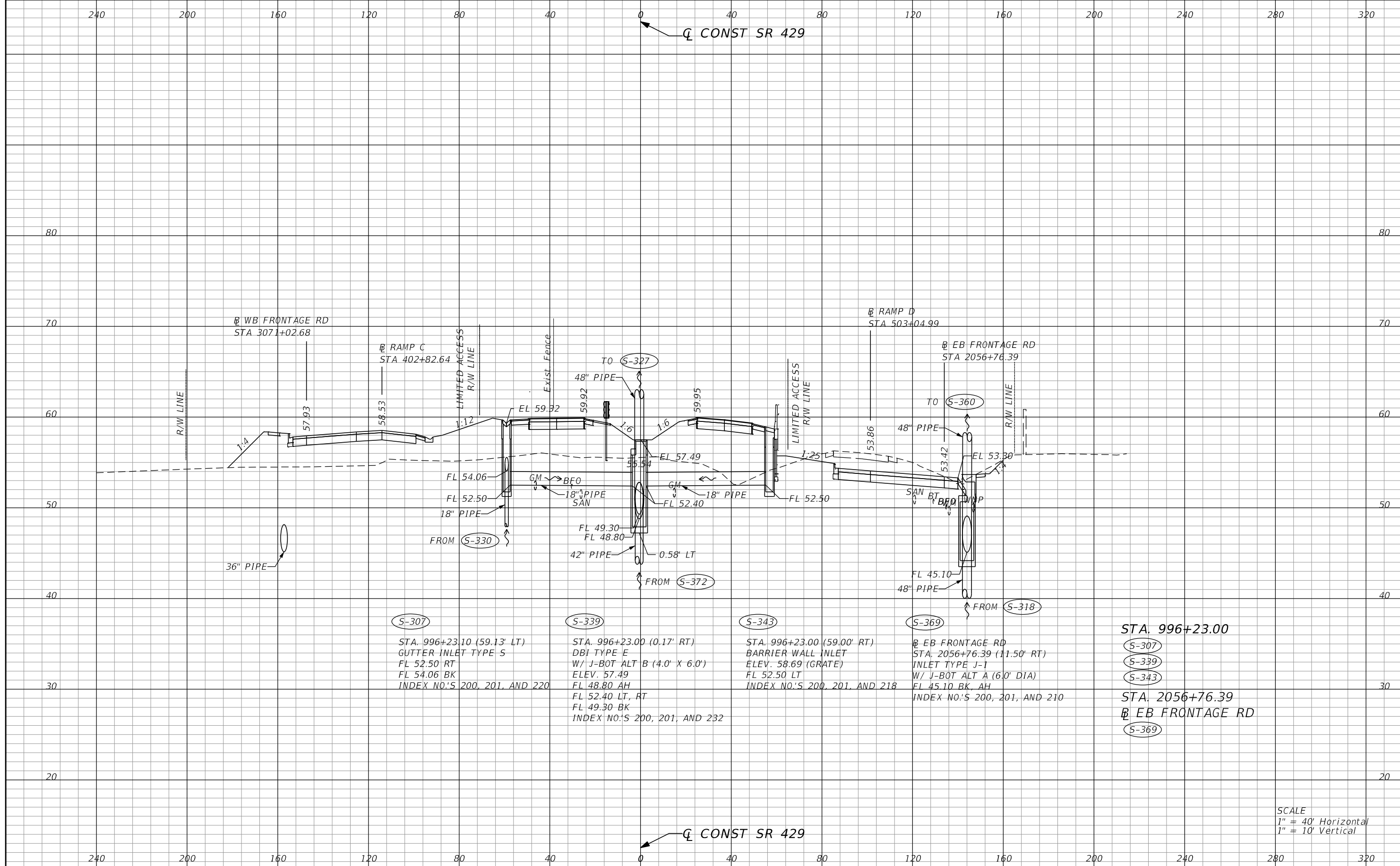
|  |          |                      |  |  |  |                            |                             |
|--|----------|----------------------|--|--|--|----------------------------|-----------------------------|
| DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 |          |                      | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |  |  | <b>DRAINAGE STRUCTURES</b> | SHEET NO.<br><br><b>413</b> |
| ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |  |  |  |                            |                             |
| 429  | SEMINOLE | 240200-2-52-01       |  |  |  |                            |                             |



STA. 995+37.99  
 STA. 3070+18.00  
 WB FRONTAGE RD  
 S-303

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |             |      |             | DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |                |                      | <b>DRAINAGE STRUCTURES</b> | SHEET<br>NO.<br><br>414 |
|-----------|-------------|------|-------------|--|--|----------------|----------------------|----------------------------|-------------------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |  | ROAD NO.   | COUNTY         | FINANCIAL PROJECT ID |                            |                         |
|           |             |      |             | 429  | SEMINOLE   | 240200-2-52-01 |                      |                            |                         |



S-307

STA. 996+23.10 (59.13' LT)  
 GUTTER INLET TYPE S  
 FL 52.50 RT  
 FL 54.06 BK  
 INDEX NO.'S 200, 201, AND 220

S-339

STA. 996+23.00 (0.17' RT)  
 DBI TYPE E  
 W/ J-BOT ALT B (4.0' X 6.0')  
 ELEV. 57.49  
 FL 48.80 AH  
 FL 52.40 LT, RT  
 FL 49.30 BK  
 INDEX NO.'S 200, 201, AND 232

S-343

STA. 996+23.00 (59.00' RT)  
 BARRIER WALL INLET  
 ELEV. 58.69 (GRATE)  
 FL 52.50 LT  
 INDEX NO.'S 200, 201, AND 218

S-369

EB FRONTAGE RD  
 STA. 2056+76.39 (11.50' RT)  
 INLET TYPE J-1  
 W/ J-BOT ALT A (6.0' DIA)  
 FL 45.10 BK, AH  
 INDEX NO.'S 200, 201, AND 210

STA. 996+23.00

S-307  
 S-339  
 S-343

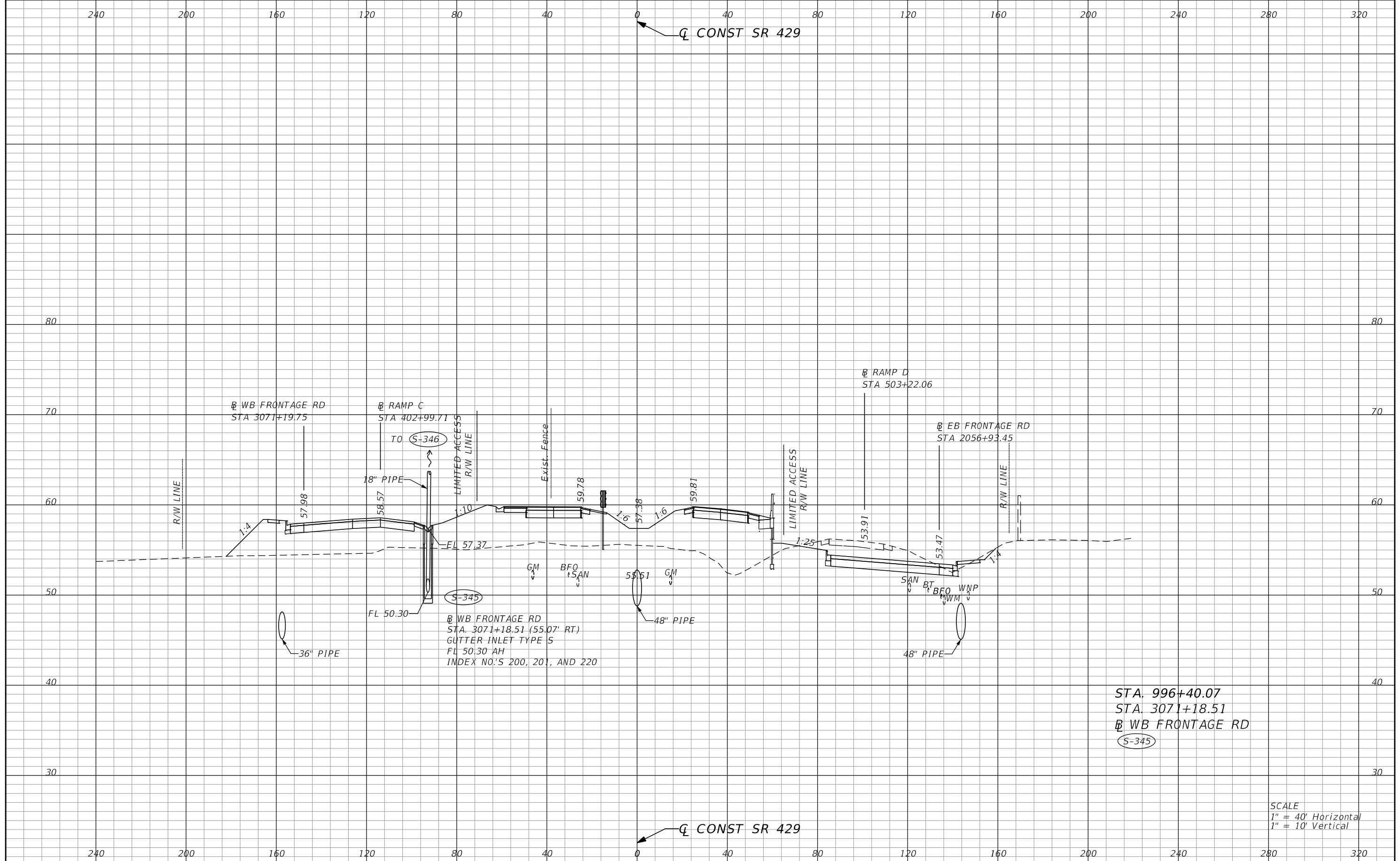
STA. 2056+76.39  
 EB FRONTAGE RD

S-369

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |             | DESCRIPTION |             | DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      | SHEET<br>NO.<br>415 |
|-----------|-------------|-------------|-------------|--|--|----------|----------------------|---------------------|
| DATE      | DESCRIPTION | DATE        | DESCRIPTION |  | ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |                     |
|           |             |             |             |  | 429  | SEMINOLE | 240200-2-52-01       |                     |

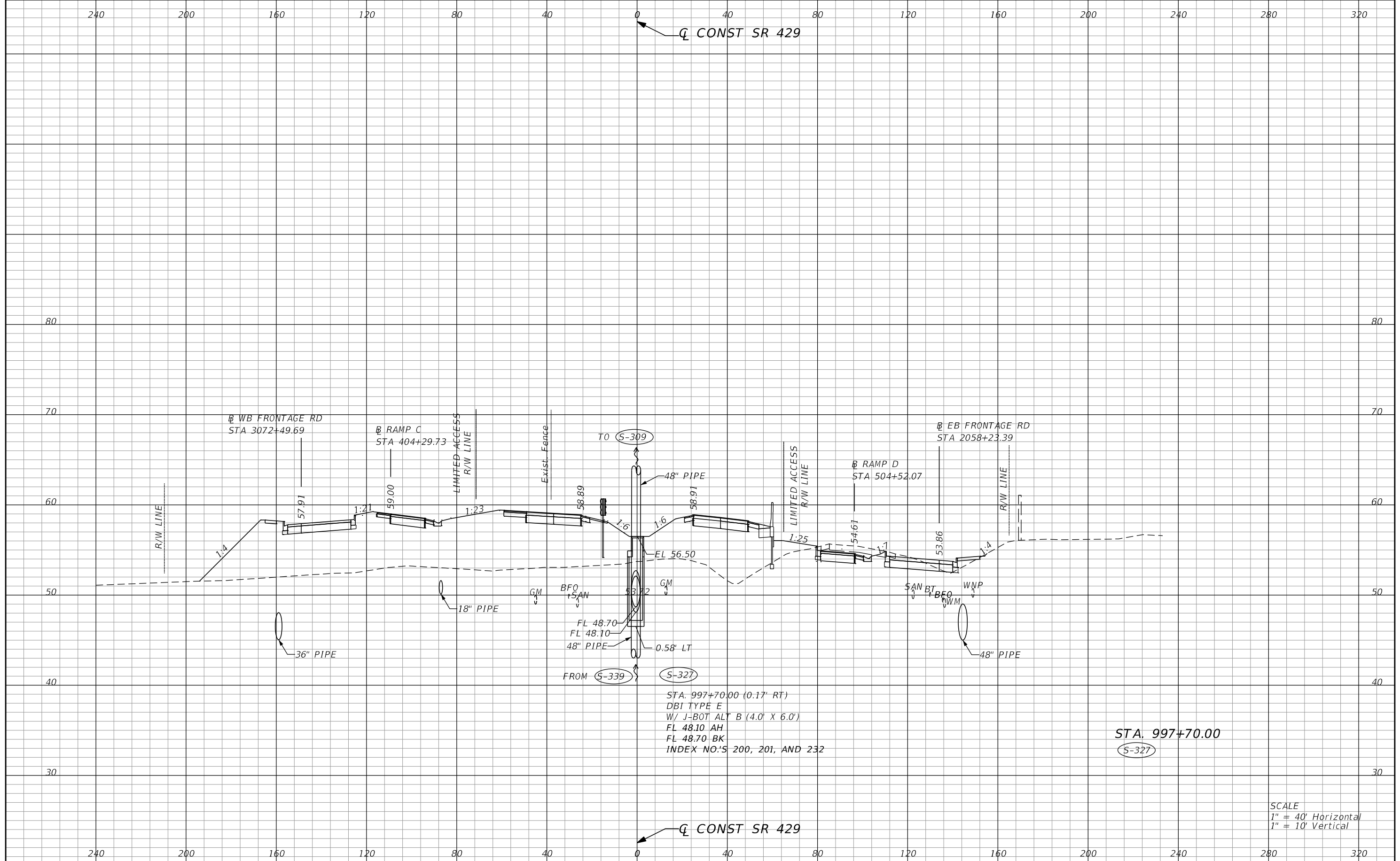
**DRAINAGE STRUCTURES**



| REVISIONS |             | DATE |             | DESCRIPTION |  |
|-----------|-------------|------|-------------|-------------|--|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |             |  |
|           |             |      |             |             |  |

|  |          |                      |  |  |  |                            |                             |
|--|----------|----------------------|--|--|--|----------------------------|-----------------------------|
| DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 |          |                      | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |  |  | <b>DRAINAGE STRUCTURES</b> | SHEET NO.<br><br><b>416</b> |
| ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |  |  |  |                            |                             |
| 429  | SEMINOLE | 240200-2-52-01       |  |  |  |                            |                             |

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical



STA. 997+70.00 (0.17' RT)  
 DBI TYPE E  
 W/ J-BOT ALT B (4.0' X 6.0')  
 FL 48.10 AH  
 FL 48.70 BK  
 INDEX NO.'S 200, 201, AND 232

STA. 997+70.00  
 S-327

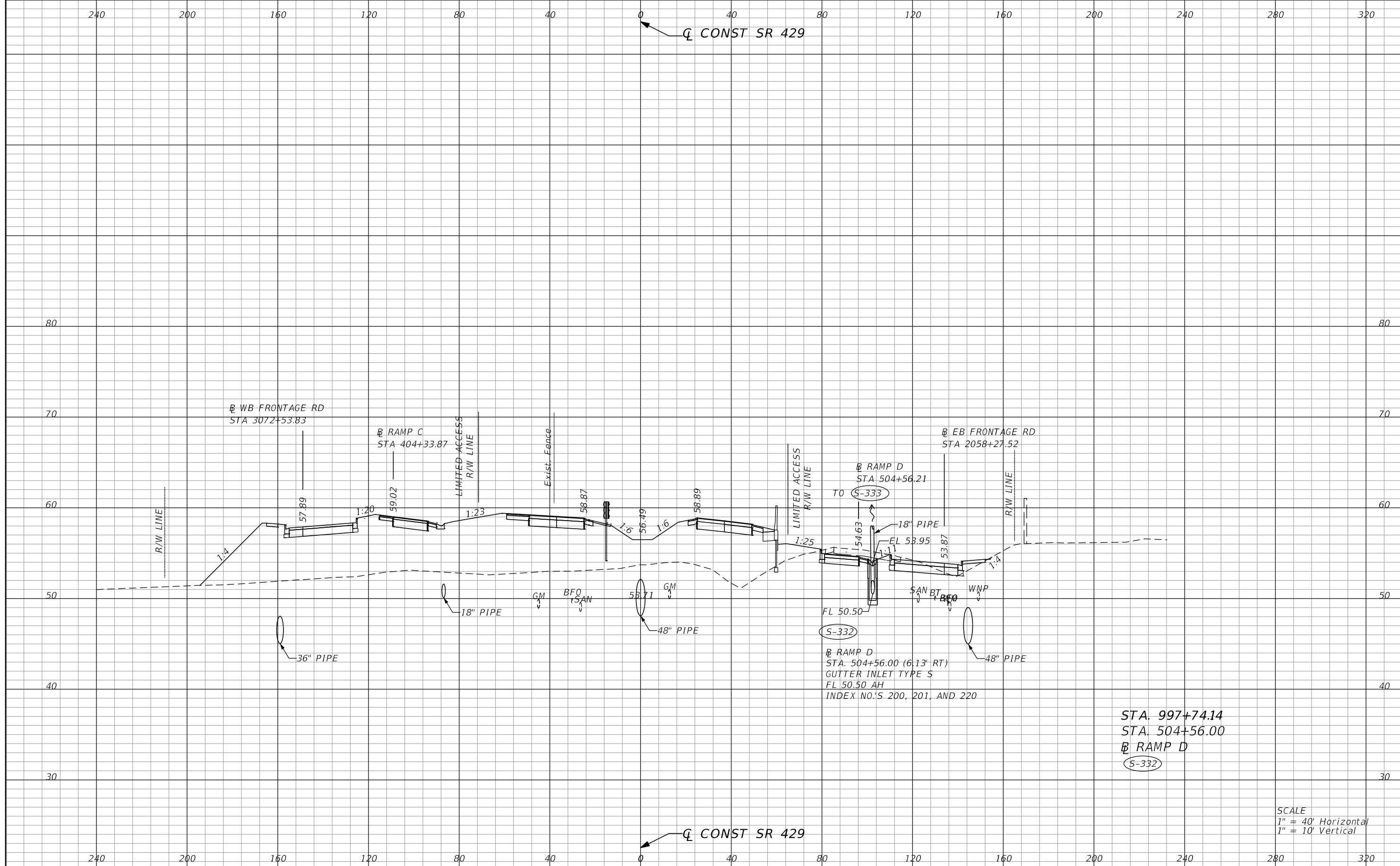
SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |             |      |             | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      | SHEET<br>NO. |
|-----------|-------------|------|-------------|--|----------|----------------------|--------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION | ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |              |
|           |             |      |             | 429  | SEMINOLE | 240200-2-52-01       | 417          |

DUSTIN E. PERKINS  
 P.E. LICENSE NO. 69225  
 URS CORPORATION  
 315 E. ROBINSON STREET, SUITE 245  
 ORLANDO, FL 32801-1949  
 PH (407) 422-0353 FAX (407) 423-2695  
 CERTIFICATE OF AUTHORIZATION NO. 000002

glen\_dvorovy 10/13/2015 2:15:54 PM 0:\Projects\CADD\24020025201\drainage\Xsect\DRXSRD01\_YL1.DGN

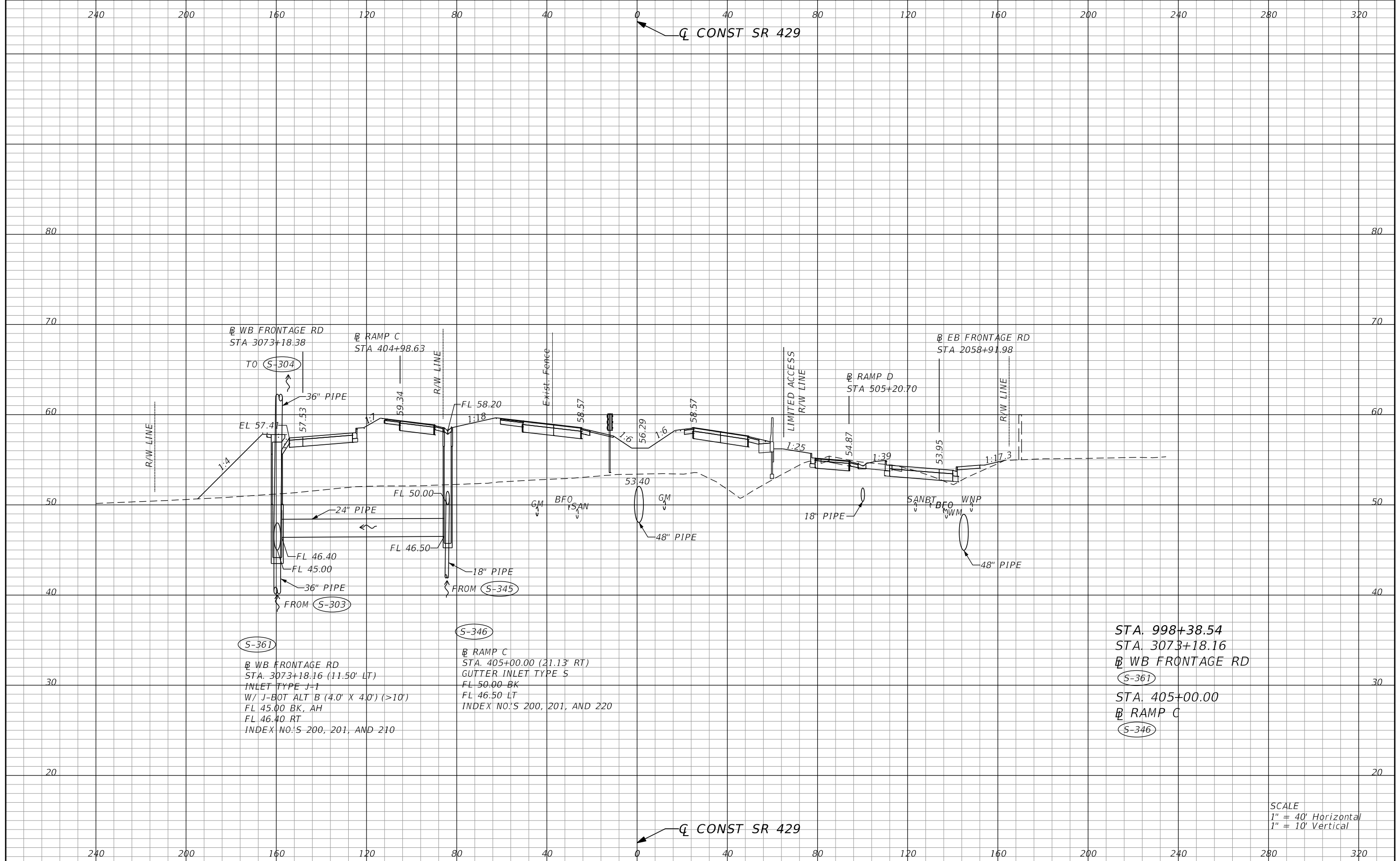




STA. 997+74.14  
 STA. 504+56.00  
 RAMP D  
 S-332

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

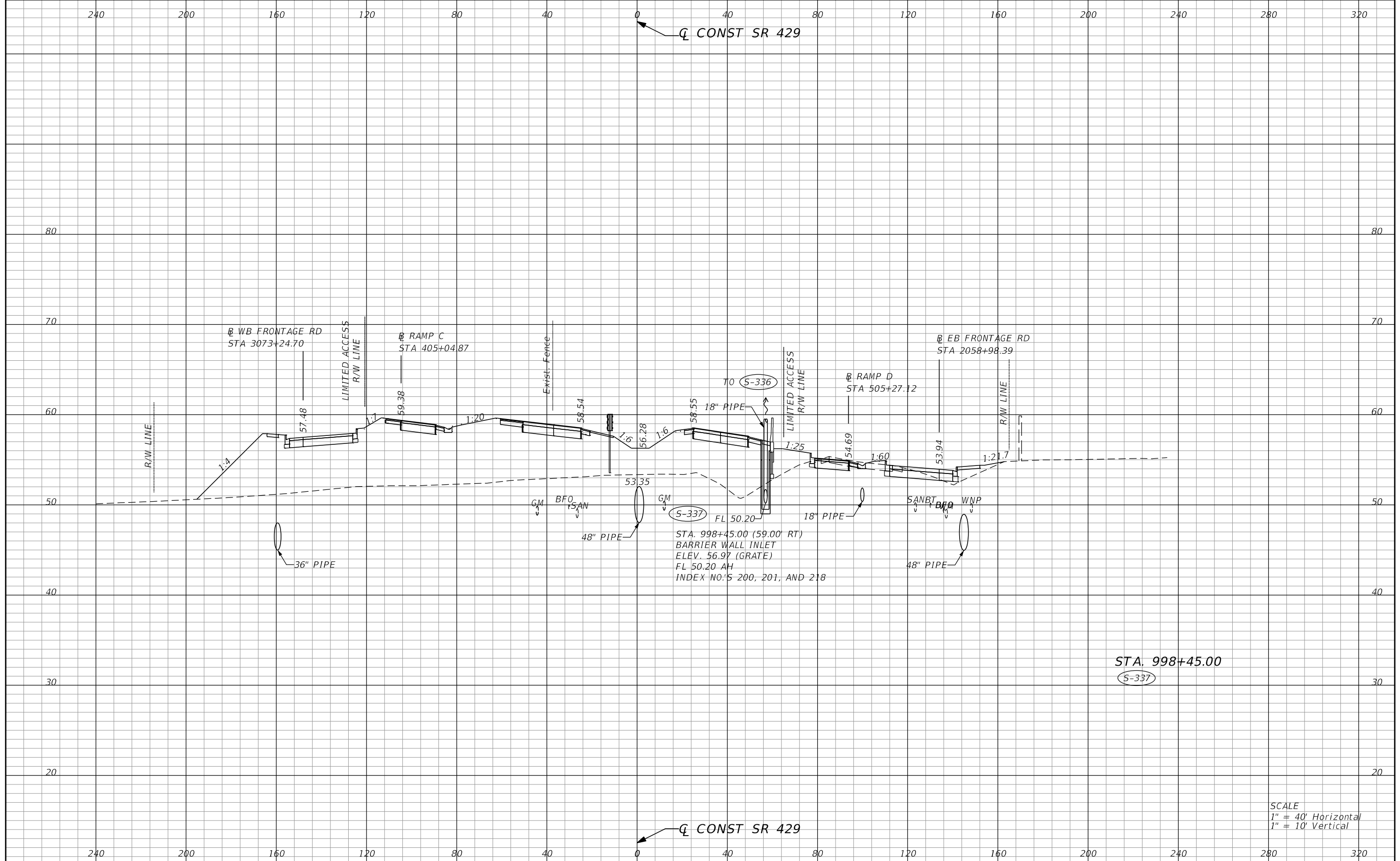
| REVISIONS  |             |      |             | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      | SHEET<br>NO. |
|--|-------------|------|-------------|--|----------|----------------------|--------------|
| DATE   | DESCRIPTION | DATE | DESCRIPTION | ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |              |
|  |             |      |             | 429  | SEMINOLE | 240200-2-52-01       | 418          |
| DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 |             |      |             | <b>DRAINAGE STRUCTURES</b>                       |          |                      |              |



STA. 998+38.54  
 STA. 3073+18.16  
 WB FRONTAGE RD  
 S-361  
 STA. 405+00.00  
 RAMP C  
 S-346

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

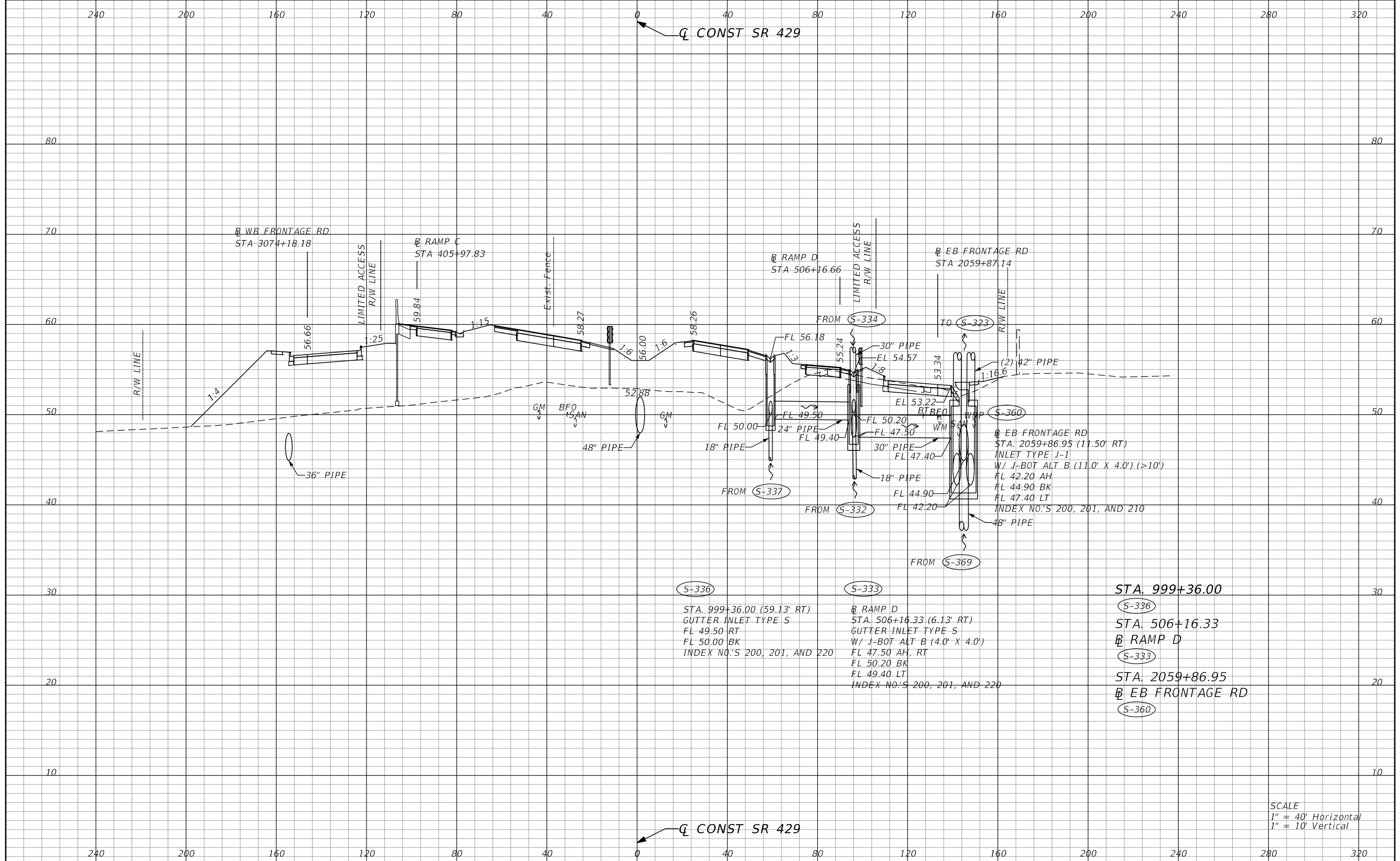
| REVISIONS |             |      |             | DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |                |                            | SHEET NO.<br><br><b>419</b> |
|-----------|-------------|------|-------------|--|--|----------------|----------------------------|-----------------------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |  | ROAD NO.   | COUNTY         | FINANCIAL PROJECT ID       |                             |
|           |             |      |             | 429  | SEMINOLE   | 240200-2-52-01 | <b>DRAINAGE STRUCTURES</b> |                             |



STA. 998+45.00  
S-337

SCALE  
1" = 40' Horizontal  
1" = 10' Vertical

| REVISIONS |             |      |             | DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |                |                            | SHEET<br>NO.<br><br>420 |
|-----------|-------------|------|-------------|--|--|----------------|----------------------------|-------------------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |  | ROAD NO.   | COUNTY         | FINANCIAL PROJECT ID       |                         |
|           |             |      |             | 429  | SEMINOLE   | 240200-2-52-01 | <b>DRAINAGE STRUCTURES</b> |                         |



S-336

STA. 999+36.00 (59.13' RT)  
 GUTTER INLET TYPE S  
 FL 49.50 RT  
 FL 50.00 BK  
 INDEX NO.'S 200, 201, AND 220

S-333

RAMP D  
 STA. 506+16.33 (6.13' RT)  
 GUTTER INLET TYPE S  
 W/ J-BOT ALT B (4.0' X 4.0')  
 FL 47.50 AH, RT  
 FL 50.20 BK  
 FL 49.40 LT  
 INDEX NO.'S 200, 201, AND 220

STA. 999+36.00

S-336

STA. 506+16.33

RAMP D

S-333

STA. 2059+86.95

EB FRONTAGE RD

S-360

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

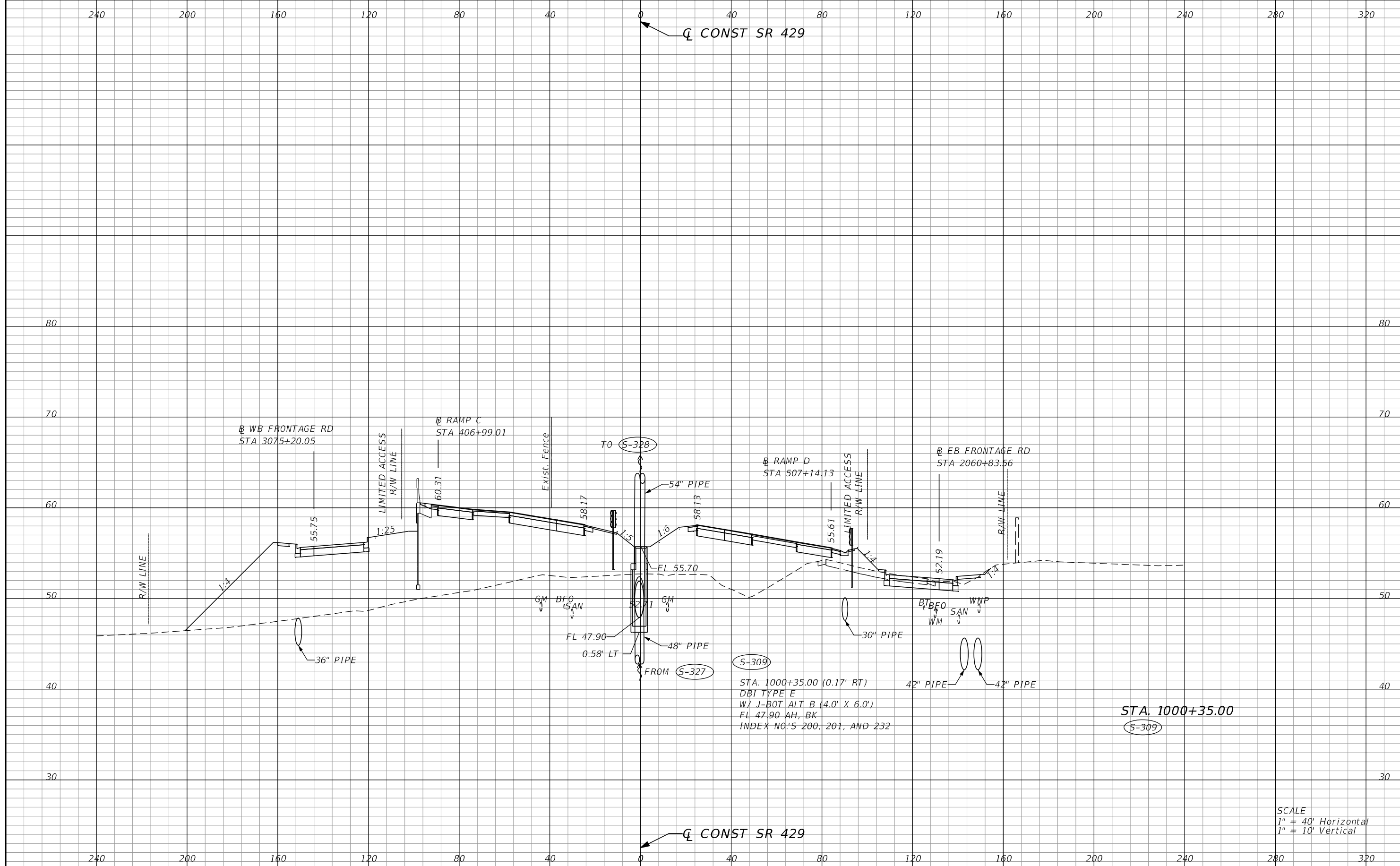
| REVISIONS |             |      |             |
|-----------|-------------|------|-------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |
|           |             |      |             |

DUSTIN E. PERKINS  
 P.E. LICENSE NO. 69225  
 URS CORPORATION  
 315 E. ROBINSON STREET, SUITE 245  
 ORLANDO, FL 32801-1949  
 PH (407) 422-0353 FAX (407) 423-2695  
 CERTIFICATE OF AUTHORIZATION NO. 000002

| STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      |
|--|----------|----------------------|
| ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |
| 429  | SEMINOLE | 240200-2-52-01       |

**DRAINAGE STRUCTURES**

SHEET NO.  
421



S-309  
 STA. 1000+35.00 (0.17' RT)  
 DBI TYPE E  
 W/ J-BOT ALT B (4.0' X 6.0')  
 FL 47.90 AH, BK  
 INDEX NO.'S 200, 201, AND 232

STA. 1000+35.00  
 S-309

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

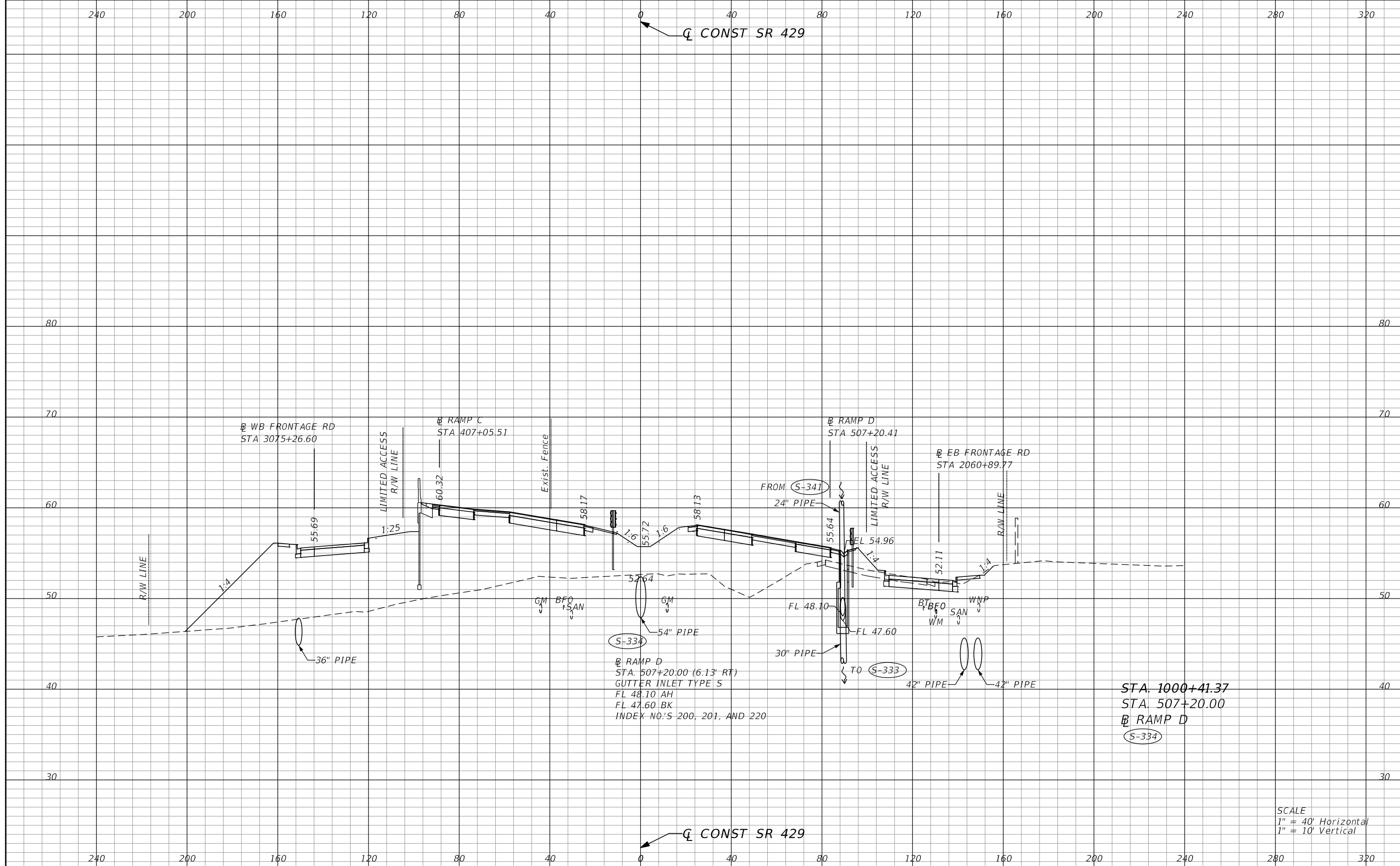
| REVISIONS |             |      |             |
|-----------|-------------|------|-------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |
|           |             |      |             |

DUSTIN E. PERKINS  
 P.E. LICENSE NO. 69225  
 URS CORPORATION  
 315 E. ROBINSON STREET, SUITE 245  
 ORLANDO, FL 32801-1949  
 PH (407) 422-0353 FAX (407) 423-2695  
 CERTIFICATE OF AUTHORIZATION NO. 000002

| STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      |
|--|----------|----------------------|
| ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |
| 429  | SEMINOLE | 240200-2-52-01       |

**DRAINAGE STRUCTURES**

SHEET NO.  
422

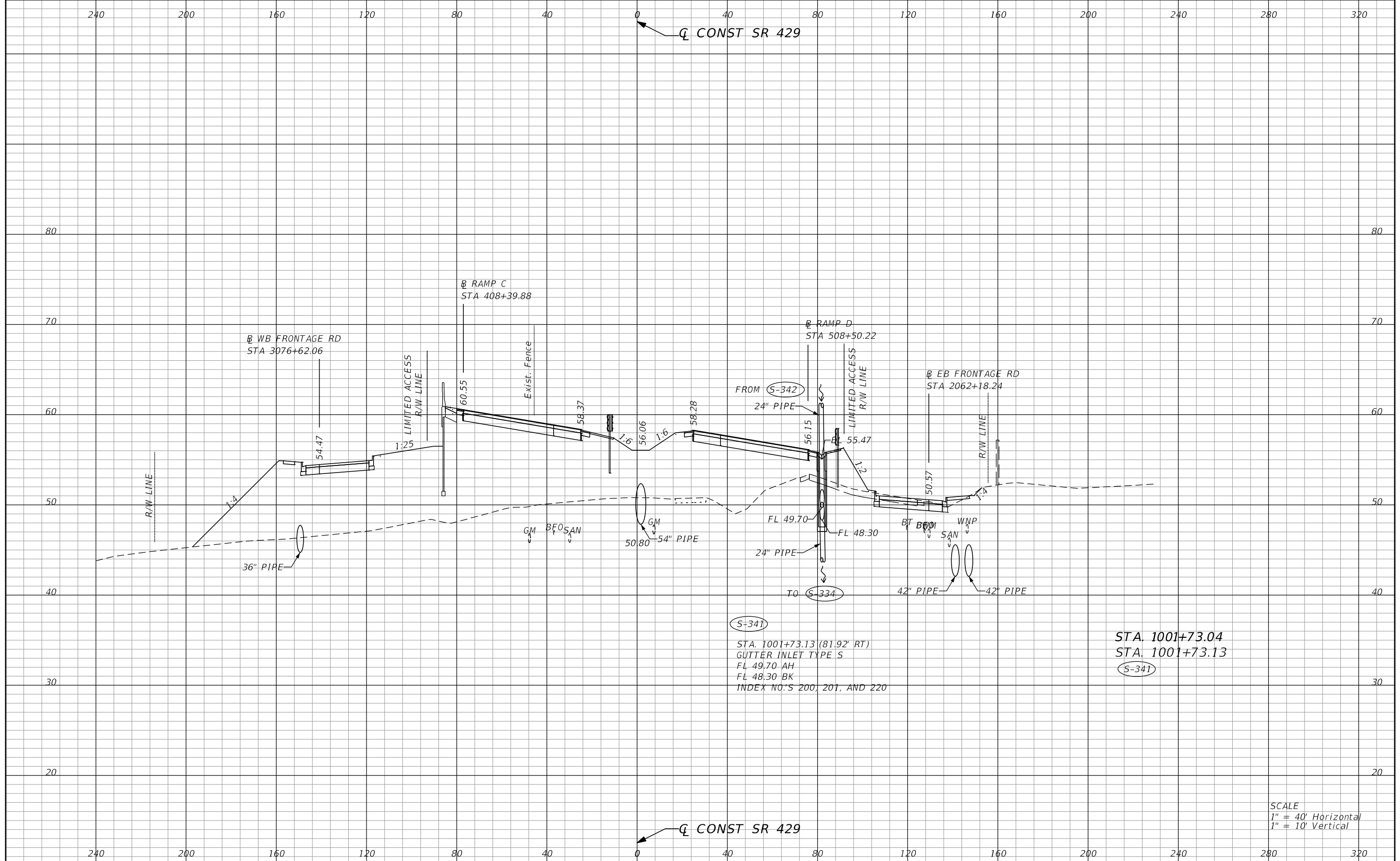


SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |             | DATE |             | DESCRIPTION |             |
|-----------|-------------|------|-------------|-------------|-------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION | DATE        | DESCRIPTION |
|           |             |      |             |             |             |

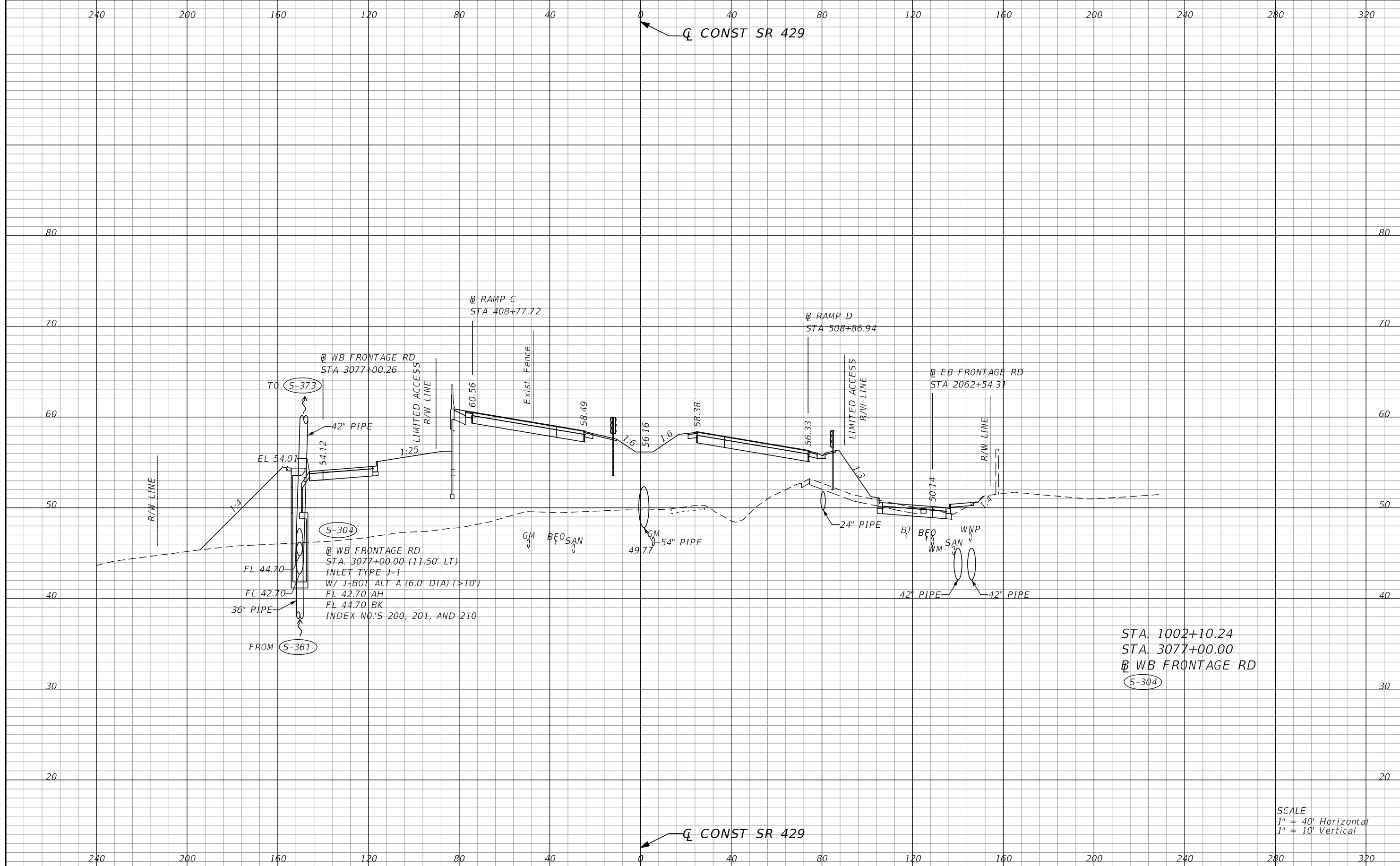
|  |        |                      |  |          |                |                            |                             |
|--|--------|----------------------|--|----------|----------------|----------------------------|-----------------------------|
| DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 |        |                      | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                | <b>DRAINAGE STRUCTURES</b> | SHEET NO.<br><br><b>423</b> |
| ROAD NO.   | COUNTY | FINANCIAL PROJECT ID | 429  | SEMINOLE | 240200-2-52-01 |                            |                             |

glen\_dvorovy 10/13/2015 2:15:56 PM 0:\Projects\CADD\24020025201\drainage\Xsect\DRXSRD01\_YL1.DGN



SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |             |      |             | DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |                |                      | <b>DRAINAGE STRUCTURES</b> | SHEET<br>NO.<br><br>424 |
|-----------|-------------|------|-------------|--|--|----------------|----------------------|----------------------------|-------------------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |  | ROAD NO.   | COUNTY         | FINANCIAL PROJECT ID |                            |                         |
|           |             |      |             | 429  | SEMINOLE   | 240200-2-52-01 |                      |                            |                         |

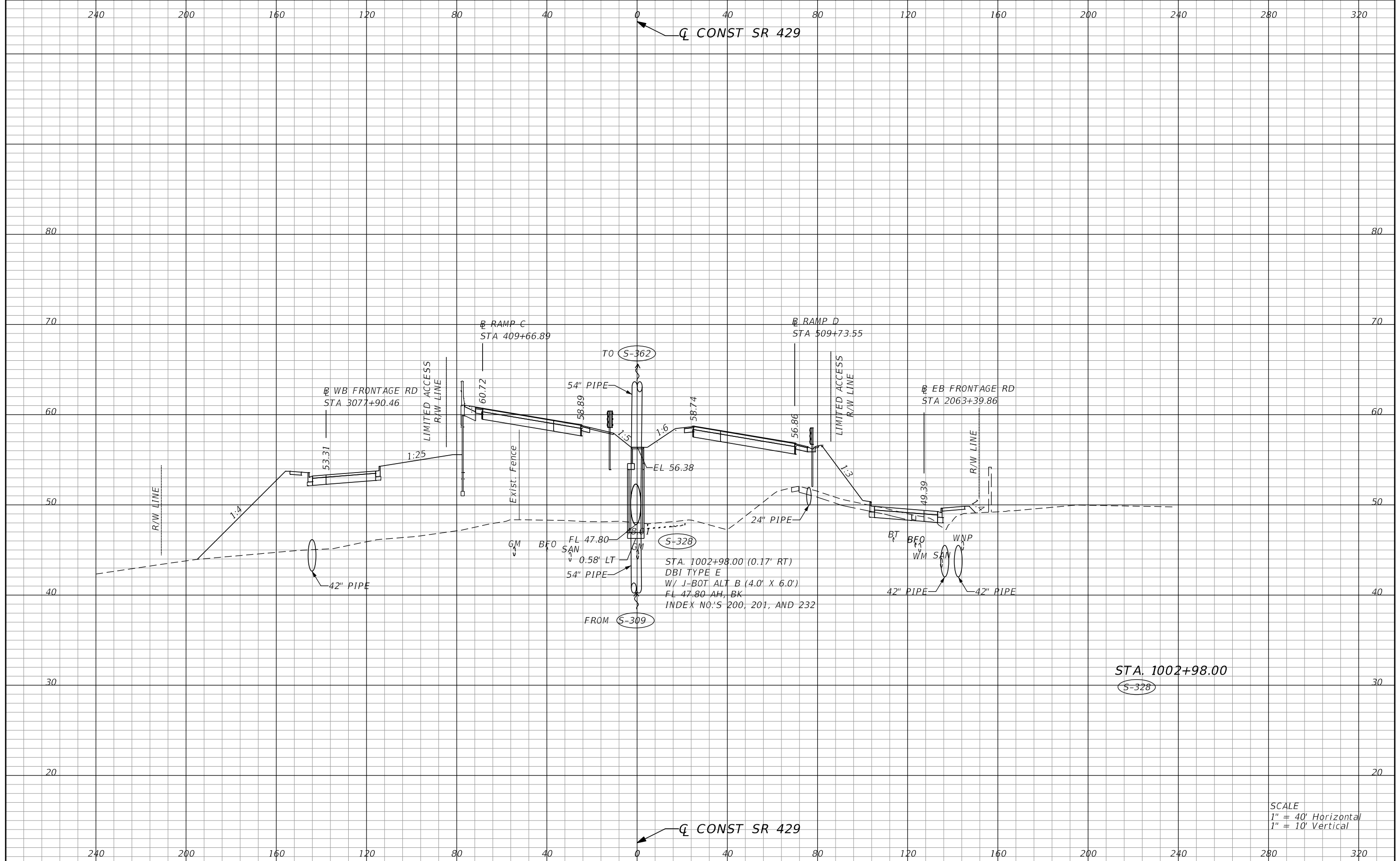


STA. 1002+10.24  
 STA. 3077+00.00  
 WB FRONTAGE RD  
 S-304

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |             |      |             | DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |                |                      | <b>DRAINAGE STRUCTURES</b> | SHEET<br>NO.<br><br>425 |
|-----------|-------------|------|-------------|--|--|----------------|----------------------|----------------------------|-------------------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |  | ROAD NO.   | COUNTY         | FINANCIAL PROJECT ID |                            |                         |
|           |             |      |             | 429  | SEMINOLE   | 240200-2-52-01 |                      |                            |                         |



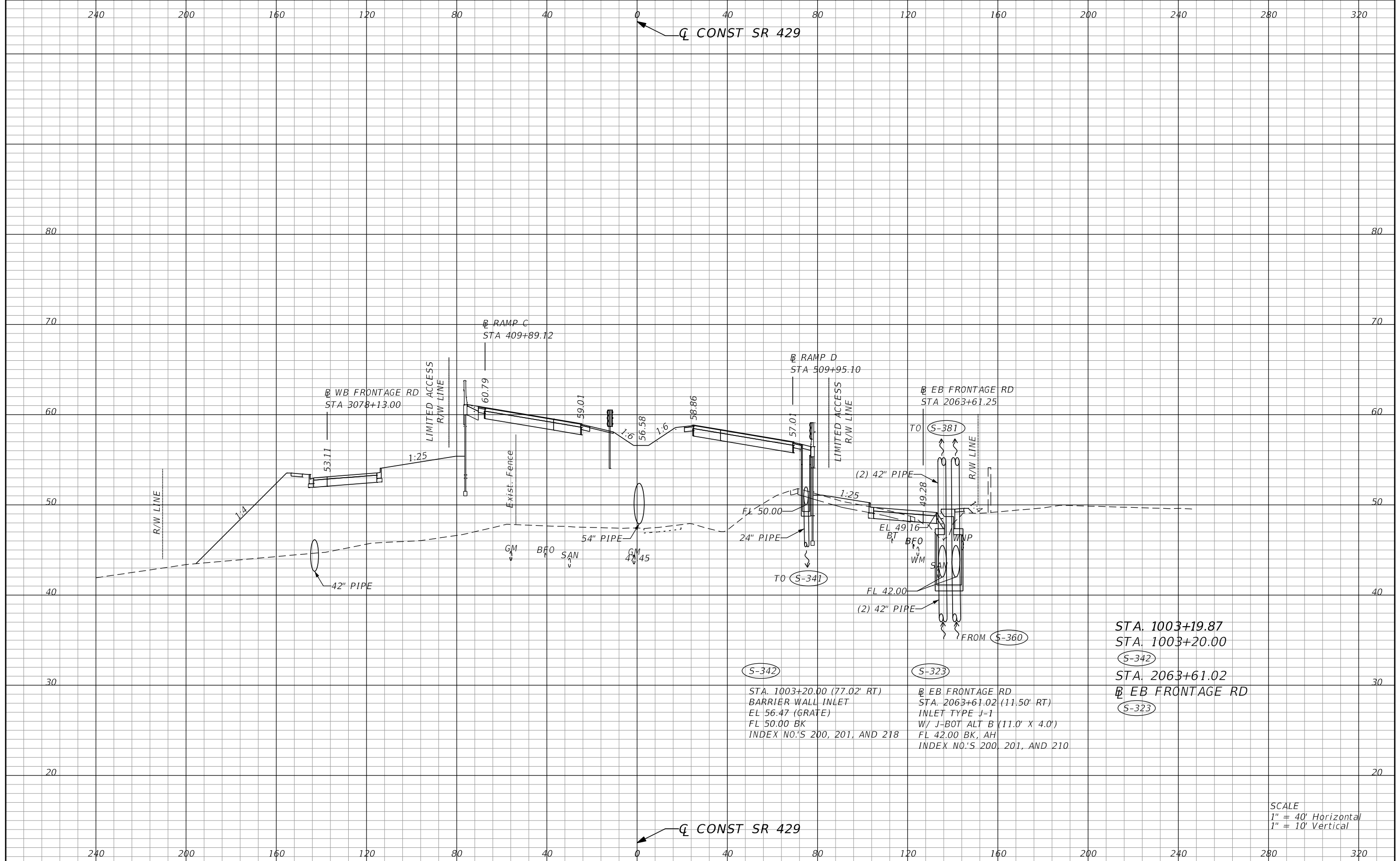


STA. 1002+98.00  
S-328

SCALE  
1" = 40' Horizontal  
1" = 10' Vertical

| REVISIONS |  | DATE |  | DESCRIPTION |  |
|-----------|--|------|--|-------------|--|
|           |  |      |  |             |  |

|  |          |                      |  |  |  |
|--|----------|----------------------|--|--|--|
| DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 |          |                      | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |  |  |
| ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID | <b>DRAINAGE STRUCTURES</b>                       |  |  |
| 429  | SEMINOLE | 240200-2-52-01       |  |  |  |
| SHEET NO. 426  |          |                      |  |  |  |



(S-342)  
 STA. 1003+20.00 (77.02' RT)  
 BARRIER WALL INLET  
 EL 56.47 (GRATE)  
 FL 50.00 BK  
 INDEX NO.'S 200, 201, AND 218

(S-323)  
 EB FRONTAGE RD  
 STA. 2063+61.02 (11.50' RT)  
 INLET TYPE J-1  
 W/ J-BOT ALT B (11.0' X 4.0')  
 FL 42.00 BK, AH  
 INDEX NO.'S 200, 201, AND 210

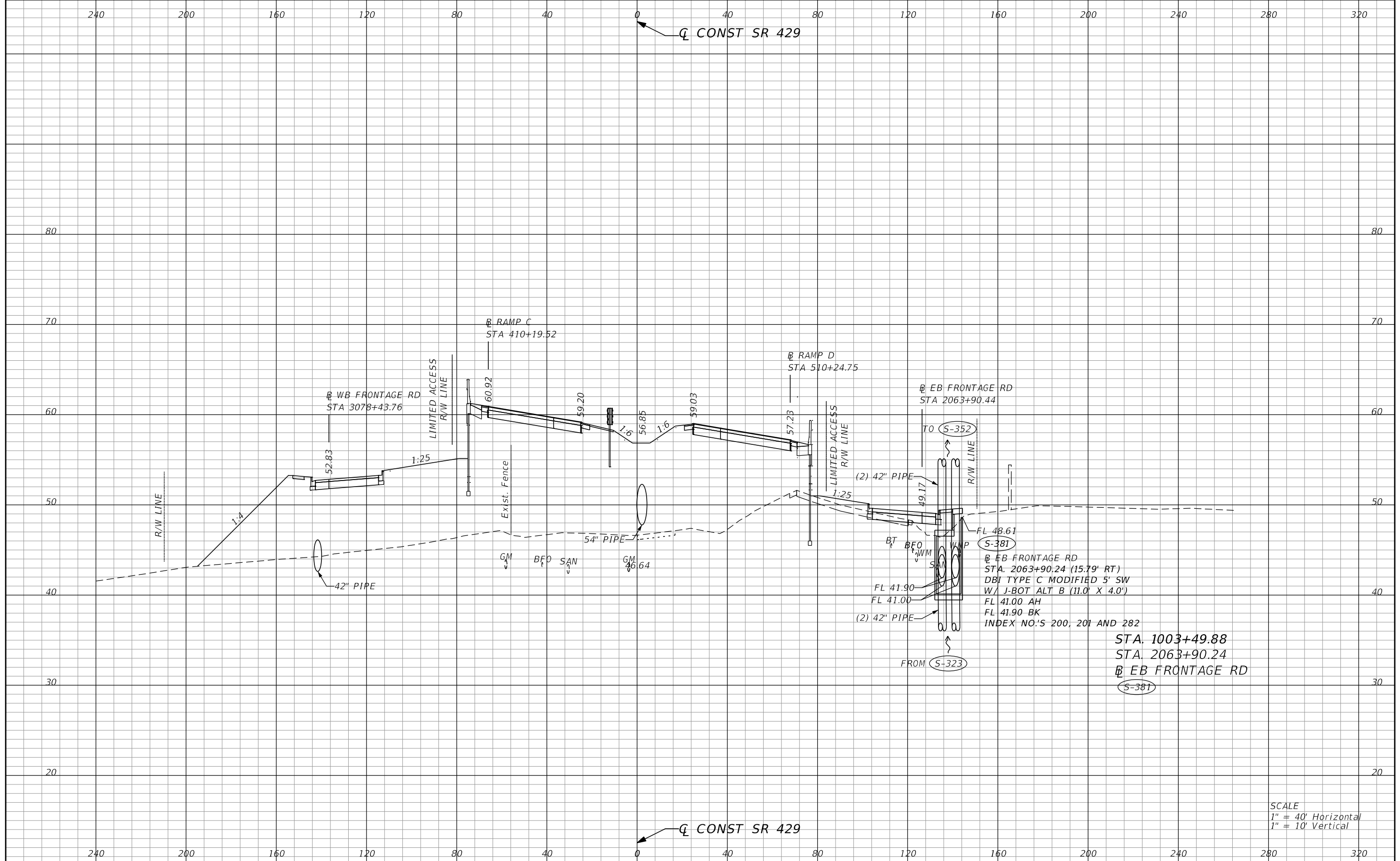
STA. 1003+19.87  
 STA. 1003+20.00  
 (S-342)  
 STA. 2063+61.02  
 EB FRONTAGE RD  
 (S-323)

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |  | DATE |  | DESCRIPTION |  |
|-----------|--|------|--|-------------|--|
|           |  |      |  |             |  |

|  |          |                      |  |  |     |
|--|----------|----------------------|--|--|-----|
| DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 |          |                      | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |  |     |
| ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID | <b>DRAINAGE STRUCTURES</b>                       |  |     |
| 429  | SEMINOLE | 240200-2-52-01       |  |  |     |
| SHEET NO.  |          |                      |  |  | 427 |

glen\_dvorovy 10/13/2015 2:15:57 PM O:\Projects\CADD\24020025201\drainage\Xsect\DRXSRD01\_YL1.DGN



TO S-352  
 (2) 42" PIPE  
 49.17  
 R/W LINE  
 FL 48.61  
 S-381  
 EB FRONTAGE RD  
 STA. 2063+90.24 (15.79' RT)  
 DBI TYPE C MODIFIED 5' SW  
 W/ J-BOT ALT B (11.0' X 4.0')  
 FL 41.00 AH  
 FL 41.90 BK  
 INDEX NO.'S 200, 201 AND 282  
 STA. 1003+49.88  
 STA. 2063+90.24  
 EB FRONTAGE RD  
 S-381  
 FROM S-323

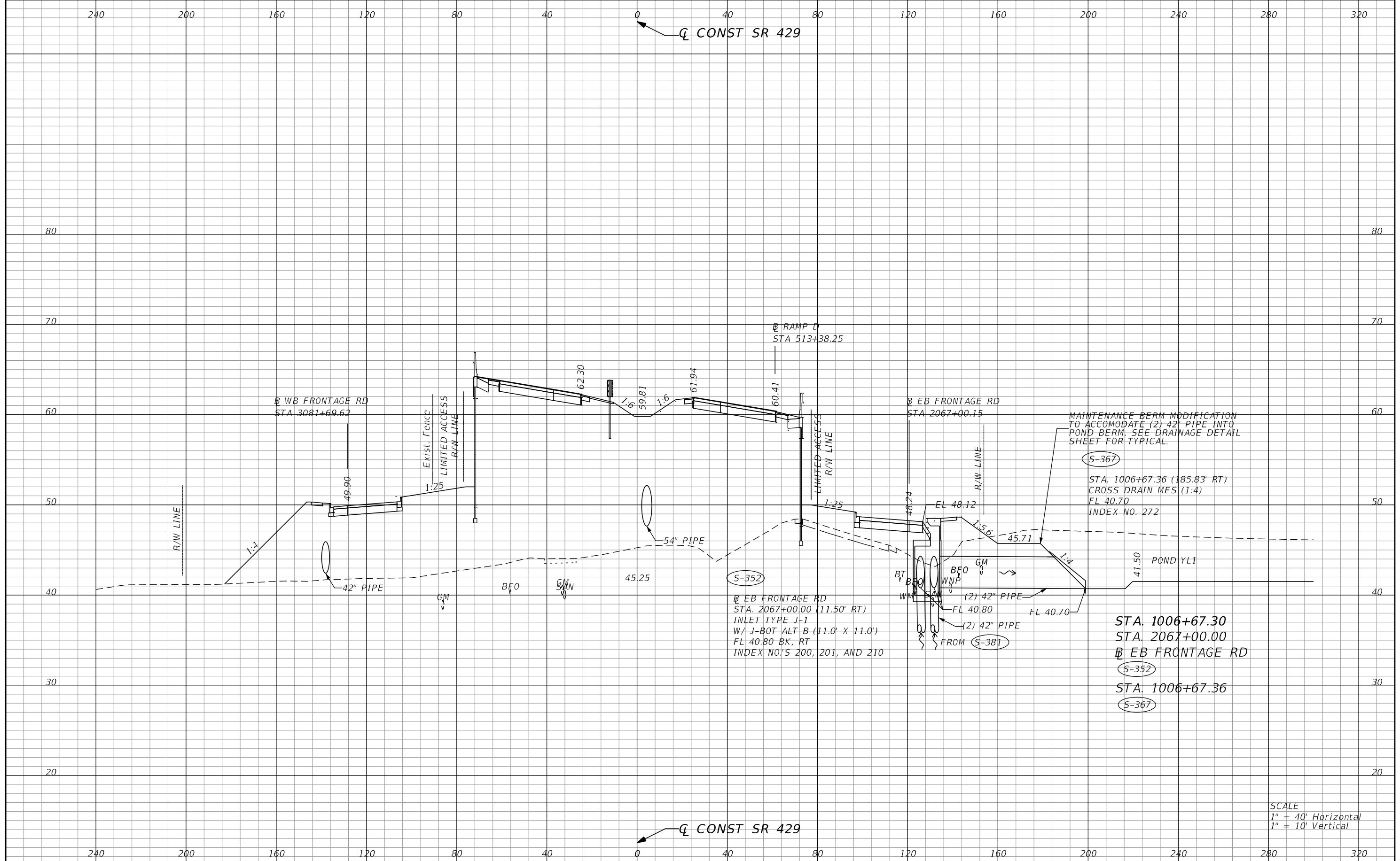
SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |             |      |             | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      | SHEET<br>NO. |
|-----------|-------------|------|-------------|--|----------|----------------------|--------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION | ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |              |
|           |             |      |             | 429  | SEMINOLE | 240200-2-52-01       | 428          |

DUSTIN E. PERKINS  
 P.E. LICENSE NO. 69225  
 URS CORPORATION  
 315 E. ROBINSON STREET, SUITE 245  
 ORLANDO, FL 32801-1949  
 PH (407) 422-0353 FAX (407) 423-2695  
 CERTIFICATE OF AUTHORIZATION NO. 000002

glen\_dvorovy 10/13/2015 2:15:58 PM 0:\Projects\CADD\24020025201\drainage\Xsect\DRXSRD01\_YL1.DGN

## DRAINAGE STRUCTURES



MAINTENANCE BERM MODIFICATION TO ACCOMMODATE (2) 42" PIPE INTO POND BERM. SEE DRAINAGE DETAIL SHEET FOR TYPICAL.

(S-367)  
 STA. 1006+67.36 (185.83' RT)  
 CROSS DRAIN MES (1:4)  
 FL 40.70  
 INDEX NO. 272

(S-352)  
 EB FRONTAGE RD  
 STA. 2067+00.00 (11.50' RT)  
 INLET TYPE J-1  
 W/ J-BOT ALT B (11.0' X 11.0')  
 FL 40.80 BK, RT  
 INDEX NO'S 200, 201, AND 210

(S-352)  
 STA. 1006+67.36  
 EB FRONTAGE RD  
 (S-367)

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |             | DATE |             | DESCRIPTION |  |
|-----------|-------------|------|-------------|-------------|--|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |             |  |
|           |             |      |             |             |  |

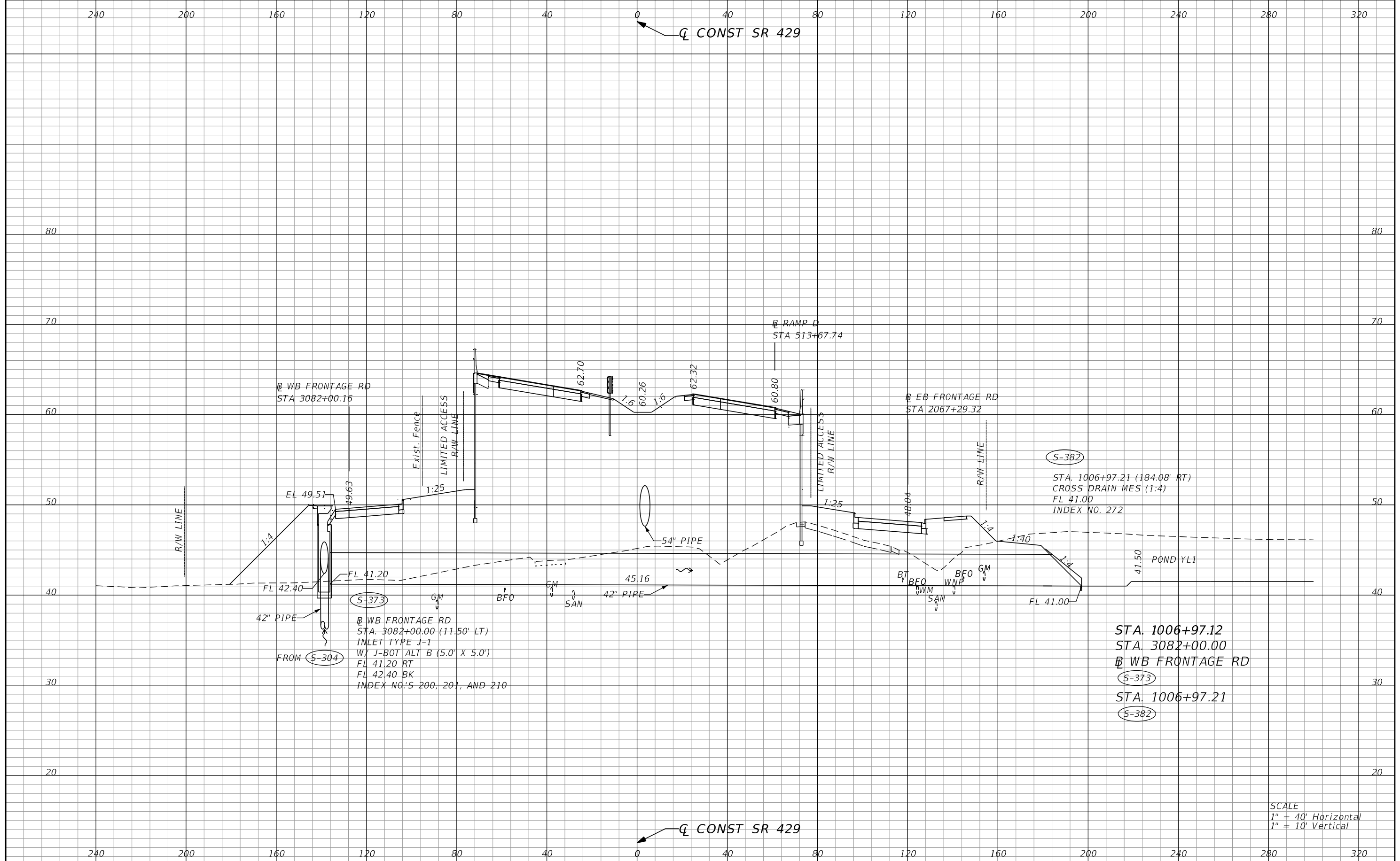
DUSTIN E. PERKINS  
 P.E. LICENSE NO. 69225  
 URS CORPORATION  
 315 E. ROBINSON STREET, SUITE 245  
 ORLANDO, FL 32801-1949  
 PH (407) 422-0353 FAX (407) 423-2695  
 CERTIFICATE OF AUTHORIZATION NO. 000002

STATE OF FLORIDA  
 DEPARTMENT OF TRANSPORTATION

| ROAD NO. | COUNTY   | FINANCIAL PROJECT ID |
|----------|----------|----------------------|
| 429      | SEMINOLE | 240200-2-52-01       |

**DRAINAGE STRUCTURES**

SHEET NO.  
429



S-373  
 WB FRONTAGE RD  
 STA. 3082+00.00 (11.50' LT)  
 INLET TYPE J-1  
 W/ J-BOT ALT B (5.0' X 5.0')  
 FL 41.20 RT  
 FL 42.40 BK  
 INDEX NO.'S 200, 201, AND 210

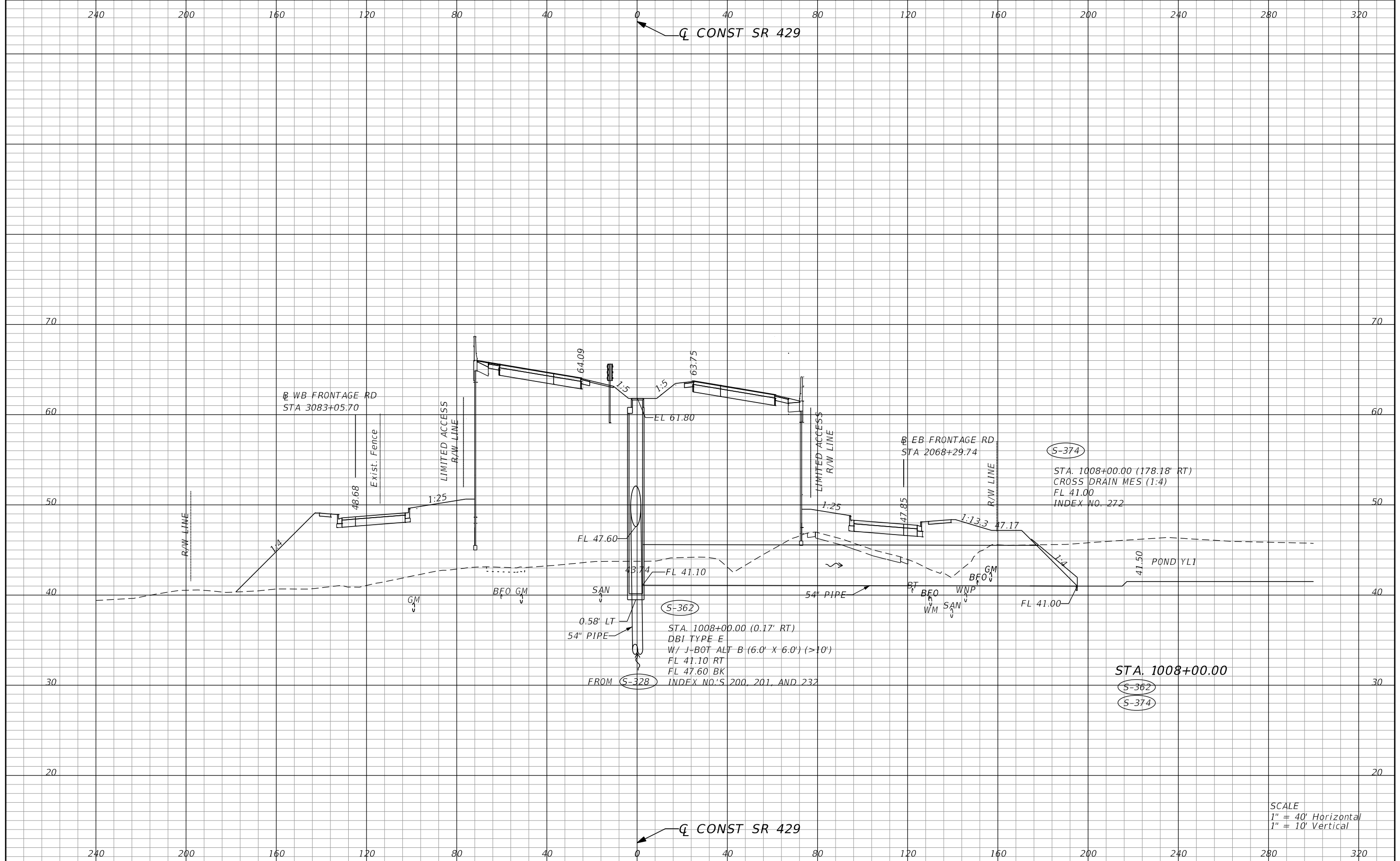
S-382  
 STA. 1006+97.21 (184.08' RT)  
 CROSS DRAIN MES (1:4)  
 FL 41.00  
 INDEX NO. 272

STA. 1006+97.12  
 STA. 3082+00.00  
 WB FRONTAGE RD  
 S-373  
 STA. 1006+97.21  
 S-382

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |             |      |             | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      | SHEET<br>NO. |
|-----------|-------------|------|-------------|--|----------|----------------------|--------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION | ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |              |
|           |             |      |             | 429  | SEMINOLE | 240200-2-52-01       | 430          |

DUSTIN E. PERKINS  
 P.E. LICENSE NO. 69225  
 URS CORPORATION  
 315 E. ROBINSON STREET, SUITE 245  
 ORLANDO, FL 32801-1949  
 PH (407) 422-0353 FAX (407) 423-2695  
 CERTIFICATE OF AUTHORIZATION NO. 000002



CONST SR 429

CONST SR 429

(S-374)  
 STA. 1008+00.00 (178.18' RT)  
 CROSS DRAIN MES (1:4)  
 FL 41.00  
 INDEX NO. 272

(S-362)  
 STA. 1008+00.00 (0.17' RT)  
 DBI TYPE E  
 W/ J-BOT ALT B (6.0' X 6.0') (>10')  
 FL 41.10 RT  
 FL 47.60 BK  
 FROM (S-328) INDEX NO.'S 200, 201, AND 232

STA. 1008+00.00  
 (S-362)  
 (S-374)

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

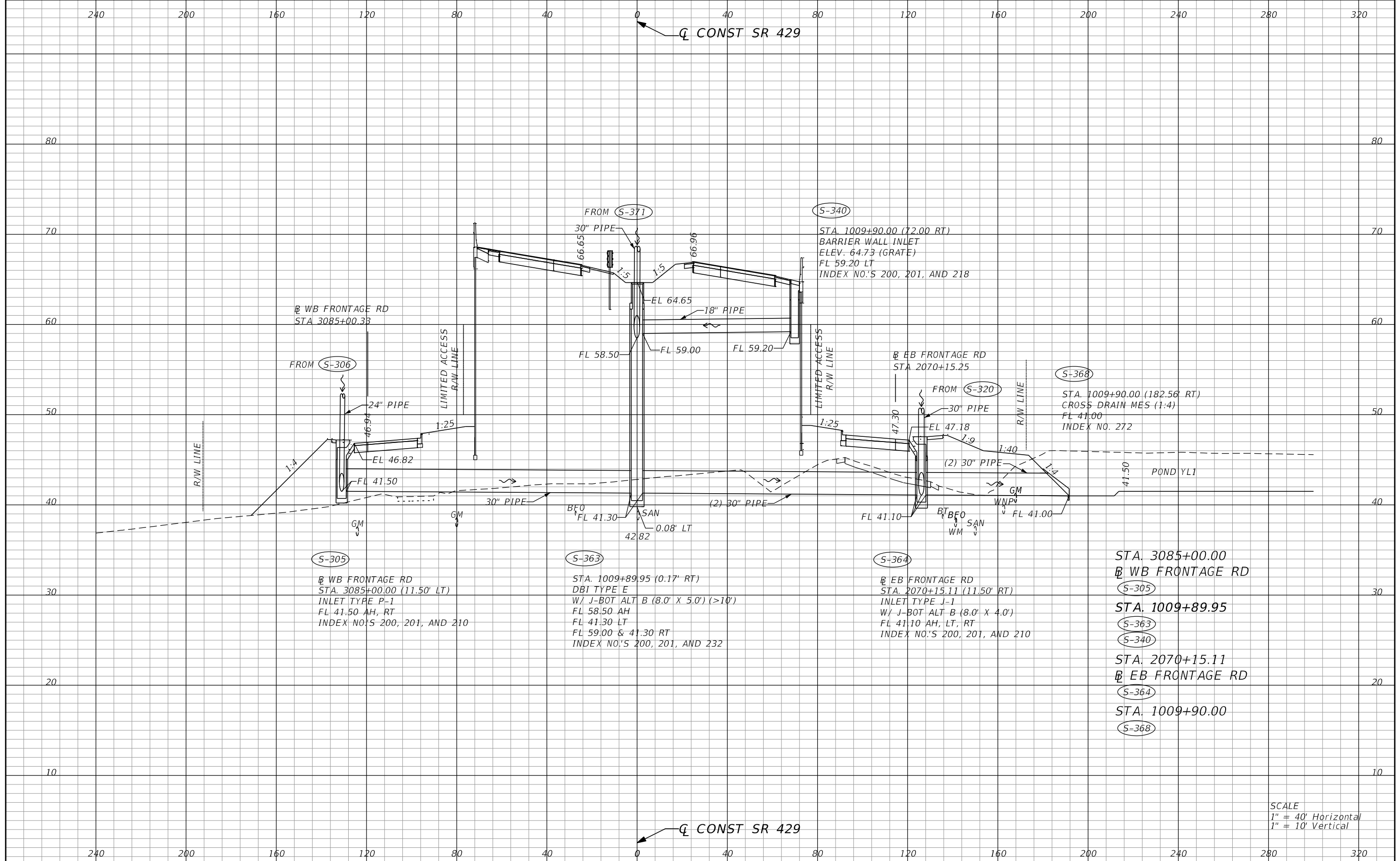
| REVISIONS |             |      |             |
|-----------|-------------|------|-------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |
|           |             |      |             |

DUSTIN E. PERKINS  
 P.E. LICENSE NO. 69225  
 URS CORPORATION  
 315 E. ROBINSON STREET, SUITE 245  
 ORLANDO, FL 32801-1949  
 PH (407) 422-0353 FAX (407) 423-2695  
 CERTIFICATE OF AUTHORIZATION NO. 000002

| STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      |
|--|----------|----------------------|
| ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |
| 429  | SEMINOLE | 240200-2-52-01       |

**DRAINAGE STRUCTURES**

SHEET NO.  
**431**



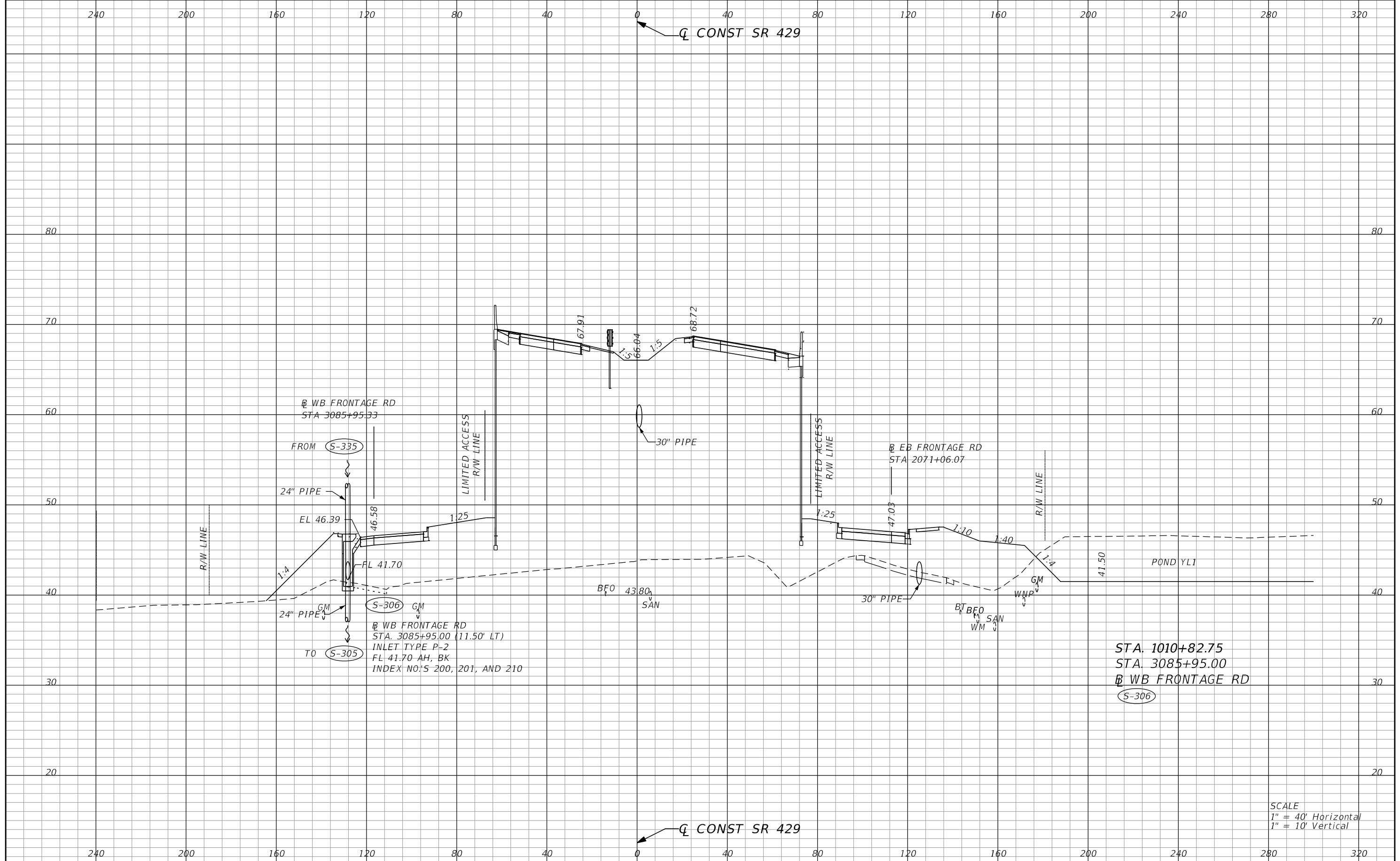
CONST SR 429

CONST SR 429

SCALE  
1" = 40' Horizontal  
1" = 10' Vertical

| REVISIONS |             | DATE |             | DESCRIPTION |  |
|-----------|-------------|------|-------------|-------------|--|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |             |  |

|  |        |                      |  |          |                |                            |                      |
|--|--------|----------------------|--|----------|----------------|----------------------------|----------------------|
| DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 |        |                      | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                | <b>DRAINAGE STRUCTURES</b> | SHEET NO.<br><br>432 |
| ROAD NO.   | COUNTY | FINANCIAL PROJECT ID | 429  | SEMINOLE | 240200-2-52-01 |                            |                      |



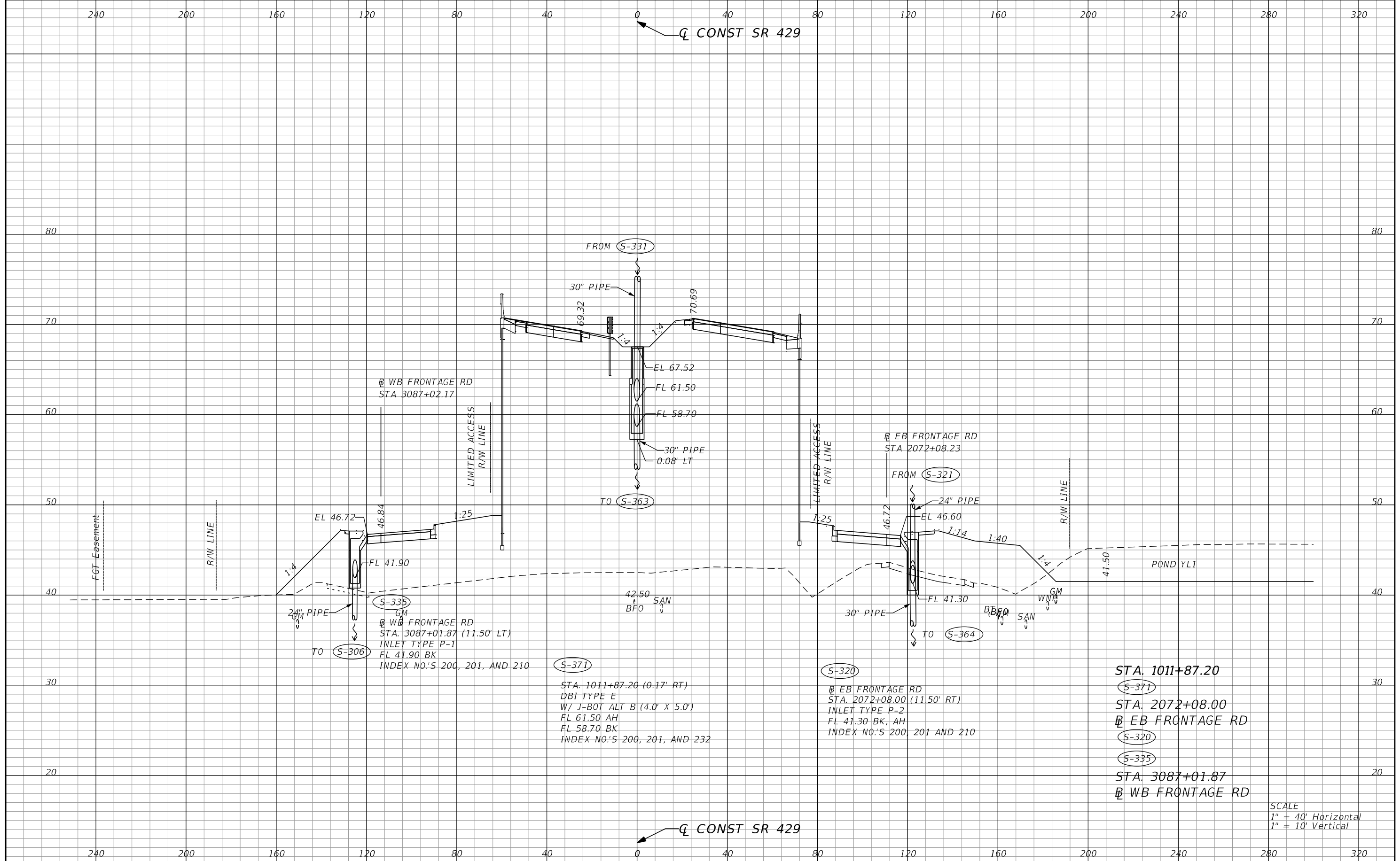
| REVISIONS |             |      |             | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      | SHEET<br>NO. |
|-----------|-------------|------|-------------|--|----------|----------------------|--------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION | ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |              |
|           |             |      |             | 429  | SEMINOLE | 240200-2-52-01       | 433          |

DUSTIN E. PERKINS  
P.E. LICENSE NO. 69225  
URS CORPORATION  
315 E. ROBINSON STREET, SUITE 245  
ORLANDO, FL 32801-1949  
PH (407) 422-0353 FAX (407) 423-2695  
CERTIFICATE OF AUTHORIZATION NO. 000002

**DRAINAGE STRUCTURES**

glen\_dvorovy 10/13/2015 2:15:59 PM 0:\Projects\CADD\24020025201\drainage\Xsect\DRXSRD01\_YL1.DGN

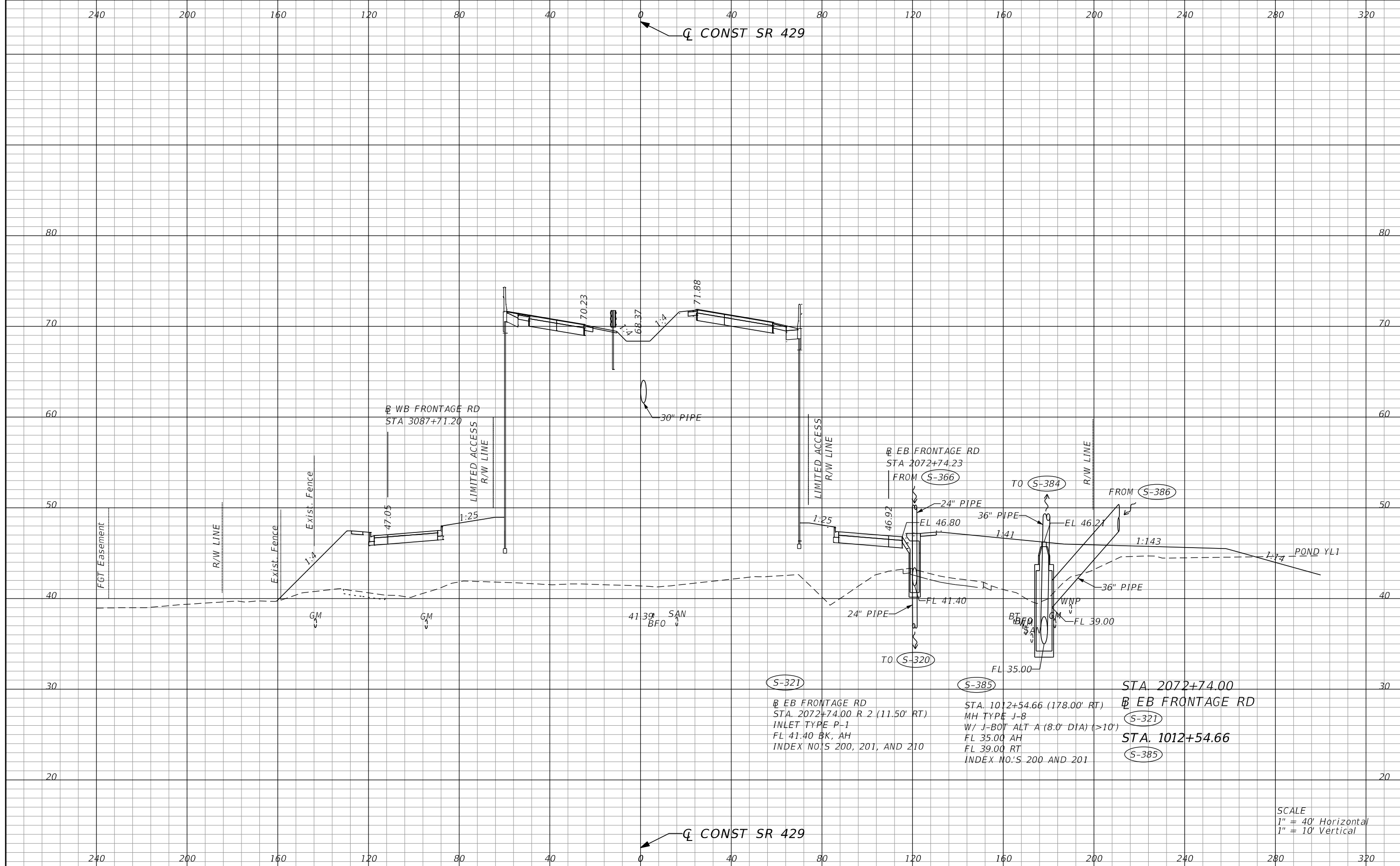




SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |             | DATE |             | DESCRIPTION |             |
|-----------|-------------|------|-------------|-------------|-------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION | DATE        | DESCRIPTION |
|           |             |      |             |             |             |

|  |          |                      |  |  |  |                            |                             |
|--|----------|----------------------|--|--|--|----------------------------|-----------------------------|
| DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 |          |                      | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |  |  | <b>DRAINAGE STRUCTURES</b> | SHEET NO.<br><br><b>434</b> |
| ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |  |  |  |                            |                             |
| 429  | SEMINOLE | 240200-2-52-01       |  |  |  |                            |                             |



STA 2072+74.00  
 EB FRONTAGE RD  
 S-321  
 STA 1012+54.66  
 S-385

EB FRONTAGE RD  
 STA. 2072+74.00 R 2 (11.50' RT)  
 INLET TYPE P-1  
 FL 41.40 BK, AH  
 INDEX NO.'S 200, 201, AND 210

STA. 1012+54.66 (178.00' RT)  
 MH TYPE J-8  
 W/ J-BOT ALT A (8.0' DIA) (>10')  
 FL 35.00 AH  
 FL 39.00 RT  
 INDEX NO.'S 200 AND 201

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

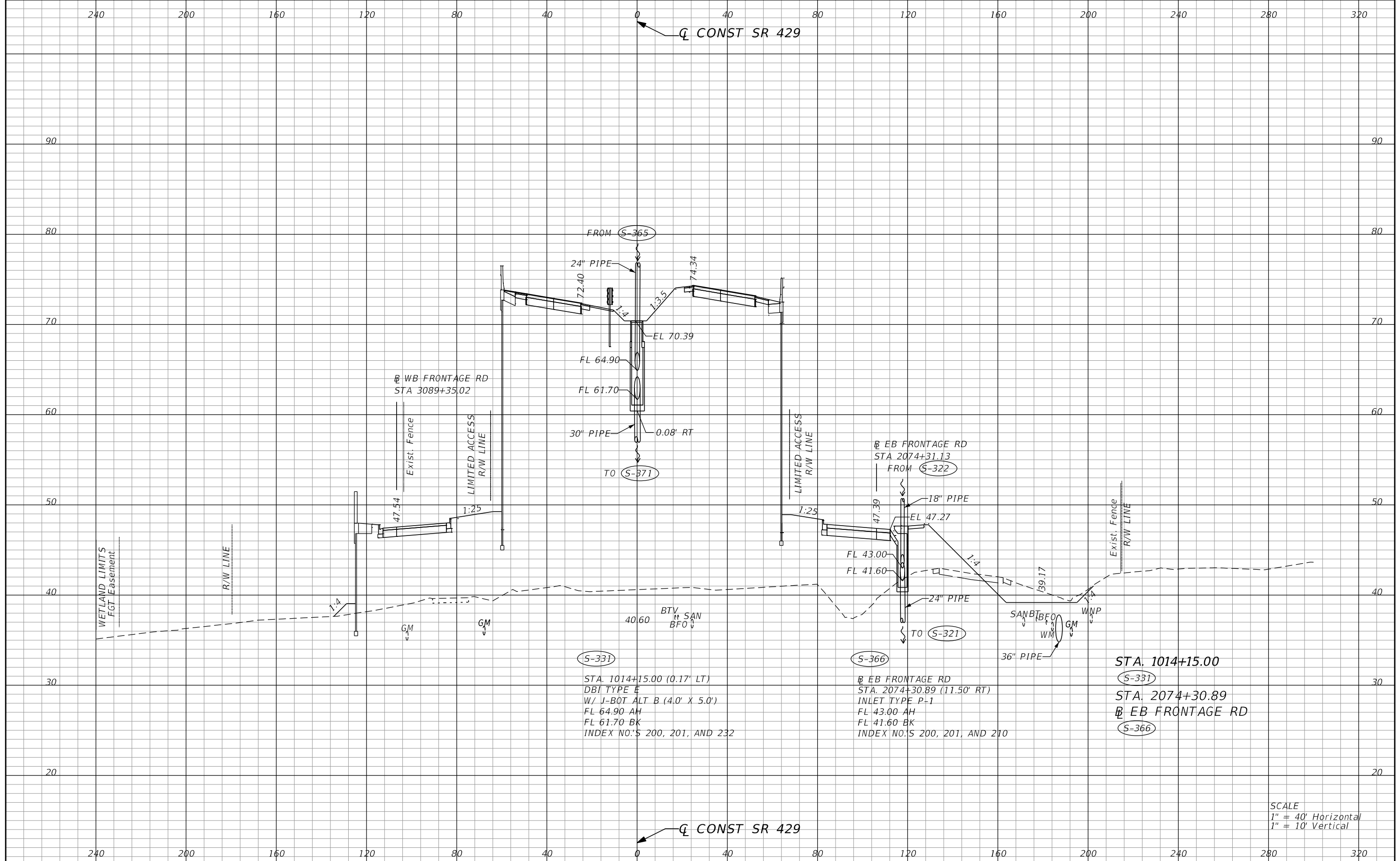
| REVISIONS |             |      |             |
|-----------|-------------|------|-------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |
|           |             |      |             |

DUSTIN E. PERKINS  
 P.E. LICENSE NO. 69225  
 URS CORPORATION  
 315 E. ROBINSON STREET, SUITE 245  
 ORLANDO, FL 32801-1949  
 PH (407) 422-0353 FAX (407) 423-2695  
 CERTIFICATE OF AUTHORIZATION NO. 000002

| STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      |
|--|----------|----------------------|
| ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |
| 429  | SEMINOLE | 240200-2-52-01       |

**DRAINAGE STRUCTURES**

SHEET NO.  
 435



(S-331)  
 STA. 1014+15.00 (0.17' LT)  
 DBI TYPE E  
 W/ J-BOT ALT B (4.0' X 5.0')  
 FL 64.90 AH  
 FL 61.70 BK  
 INDEX NO.'S 200, 201, AND 232

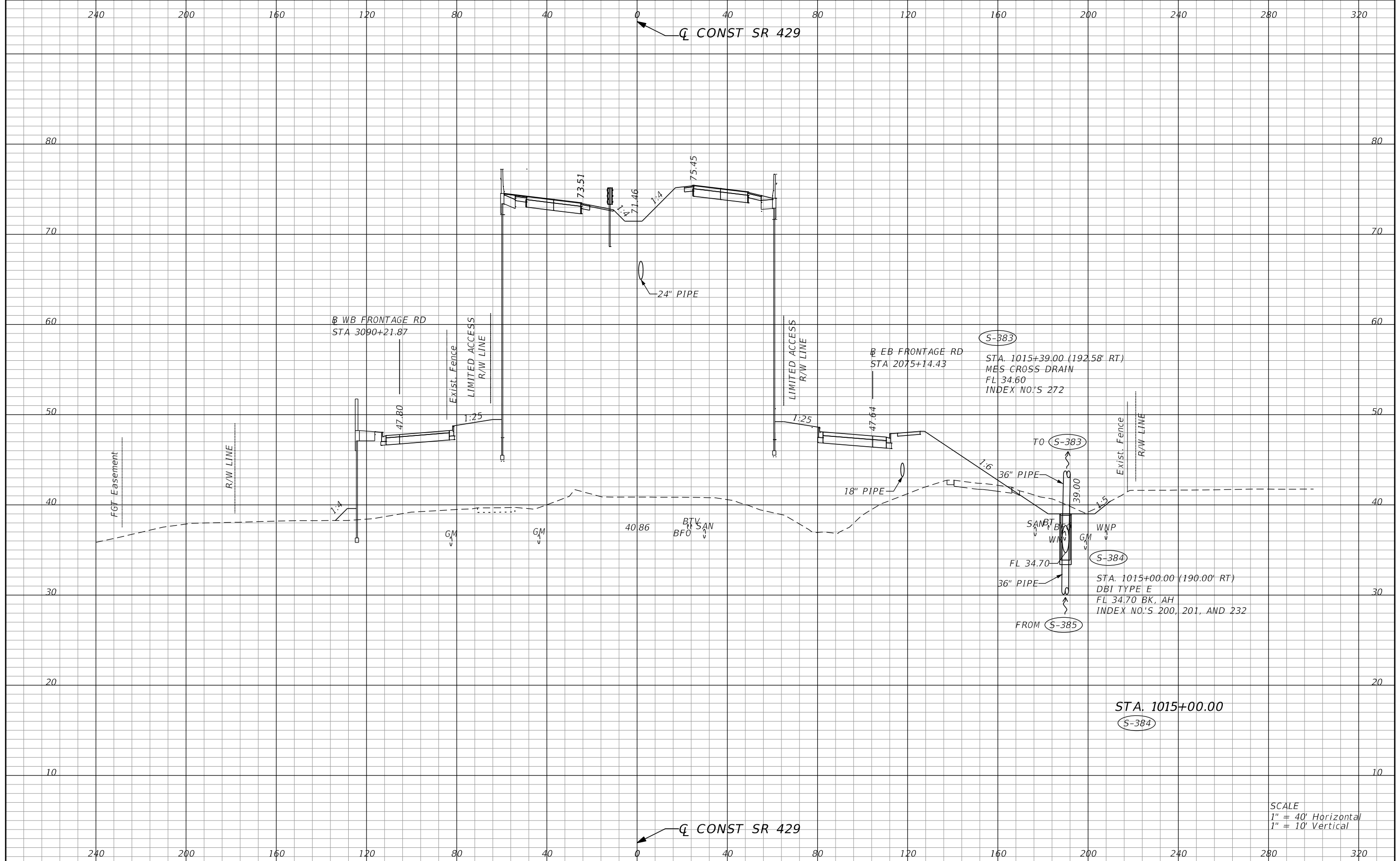
(S-366)  
 EB FRONTAGE RD  
 STA. 2074+30.89 (11.50' RT)  
 INLET TYPE P-1  
 FL 43.00 AH  
 FL 41.60 BK  
 INDEX NO.'S 200, 201, AND 210

STA. 1014+15.00  
 (S-331)  
 STA. 2074+30.89  
 EB FRONTAGE RD  
 (S-366)

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

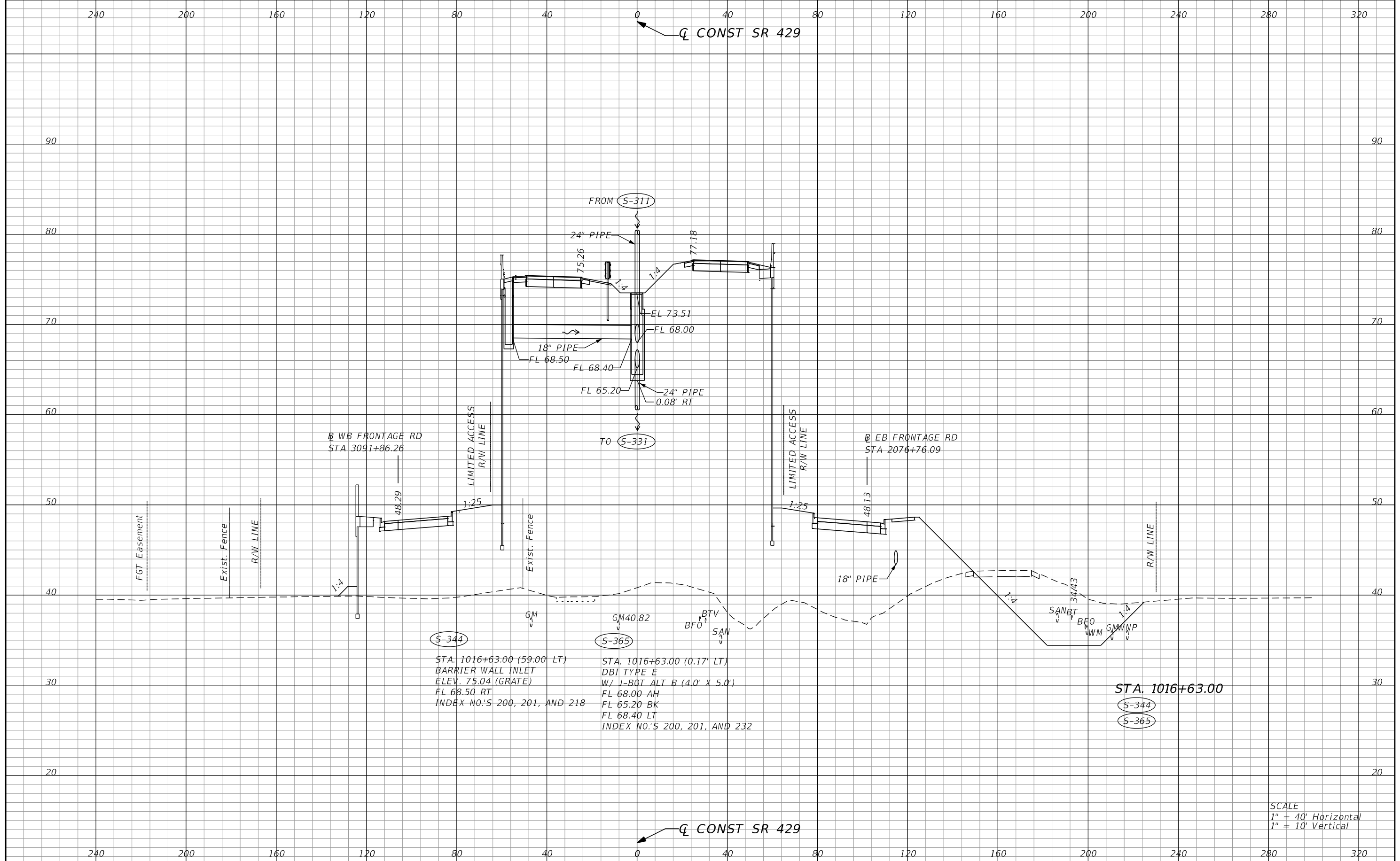
| REVISIONS |  | DATE |  | DESCRIPTION |  |
|-----------|--|------|--|-------------|--|
|           |  |      |  |             |  |

|  |        |                      |  |          |                |                            |                             |
|--|--------|----------------------|--|----------|----------------|----------------------------|-----------------------------|
| DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 |        |                      | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                | <b>DRAINAGE STRUCTURES</b> | SHEET NO.<br><br><b>436</b> |
| ROAD NO.   | COUNTY | FINANCIAL PROJECT ID | 429  | SEMINOLE | 240200-2-52-01 |                            |                             |



SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |             |      |             | DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |                |                            | SHEET<br>NO.<br><br><b>437</b> |
|-----------|-------------|------|-------------|--|--|----------------|----------------------------|--------------------------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |  | ROAD NO.   | COUNTY         | FINANCIAL PROJECT ID       |                                |
|           |             |      |             | 429  | SEMINOLE   | 240200-2-52-01 | <b>DRAINAGE STRUCTURES</b> |                                |



S-344  
 STA. 1016+63.00 (59.00 LT)  
 BARRIER WALL INLET  
 ELEV. 75.04 (GRATE)  
 FL 68.50 RT  
 INDEX NO.'S 200, 201, AND 218

S-365  
 STA. 1016+63.00 (0.17' LT)  
 DBI TYPE E  
 W/ J-BOT ALT B (4.0' X 5.0')  
 FL 68.00 AH  
 FL 65.20 BK  
 FL 68.40 LT  
 INDEX NO.'S 200, 201, AND 232

STA. 1016+63.00  
 S-344  
 S-365

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

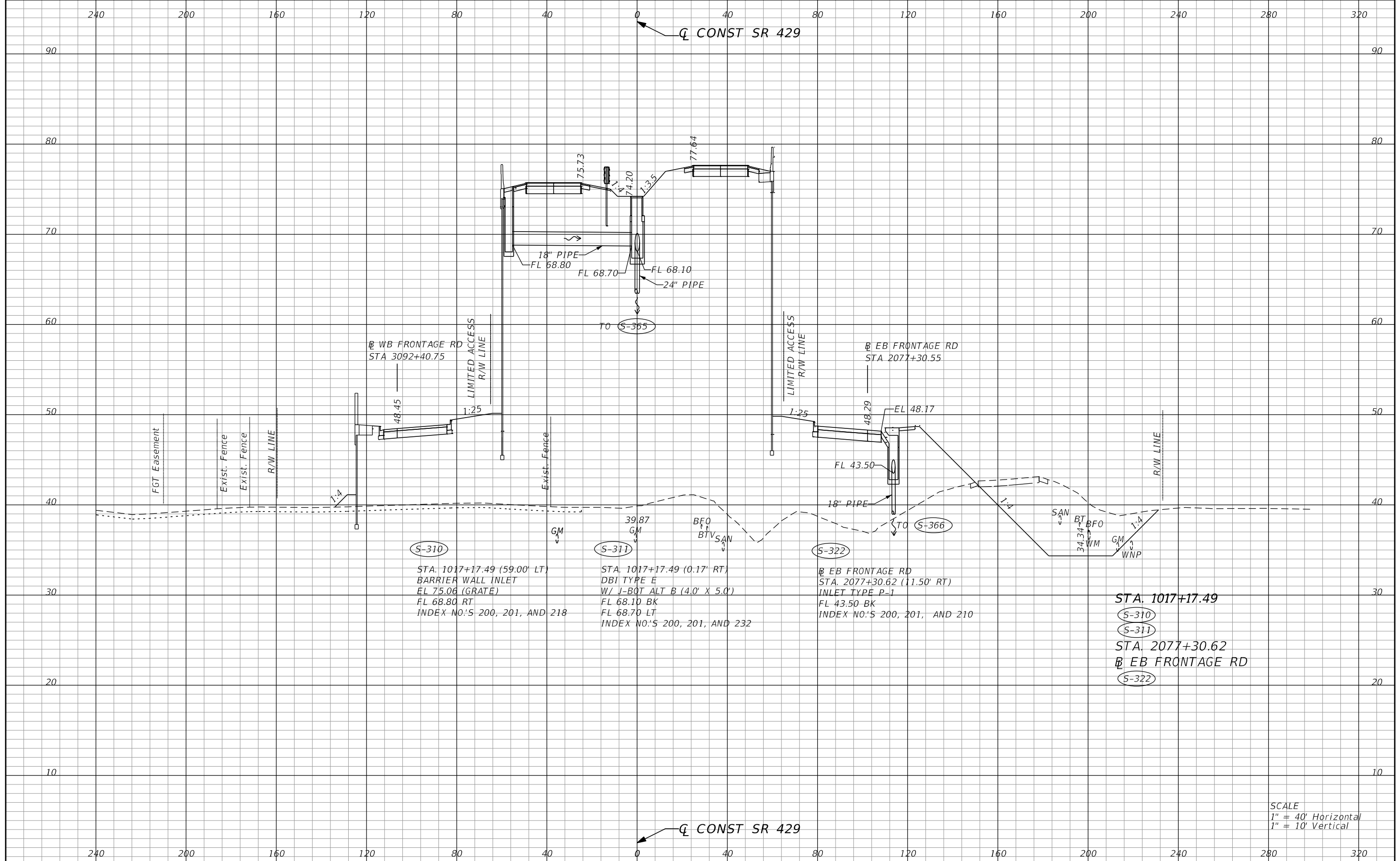
| REVISIONS |             |      |             |
|-----------|-------------|------|-------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |
|           |             |      |             |

DUSTIN E. PERKINS  
 P.E. LICENSE NO. 69225  
 URS CORPORATION  
 315 E. ROBINSON STREET, SUITE 245  
 ORLANDO, FL 32801-1949  
 PH (407) 422-0353 FAX (407) 423-2695  
 CERTIFICATE OF AUTHORIZATION NO. 000002

| STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      |
|--|----------|----------------------|
| ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |
| 429  | SEMINOLE | 240200-2-52-01       |

**DRAINAGE STRUCTURES**

SHEET NO.  
**438**



S-310  
 STA. 1017+17.49 (59.00' LT)  
 BARRIER WALL INLET  
 EL 75.06 (GRATE)  
 FL 68.80 RT  
 INDEX NO.'S 200, 201, AND 218

S-311  
 STA. 1017+17.49 (0.17' RT)  
 DBI TYPE E  
 W/ J-BOT ALT B (4.0' X 5.0')  
 FL 68.10 BK  
 FL 68.70 LT  
 INDEX NO.'S 200, 201, AND 232

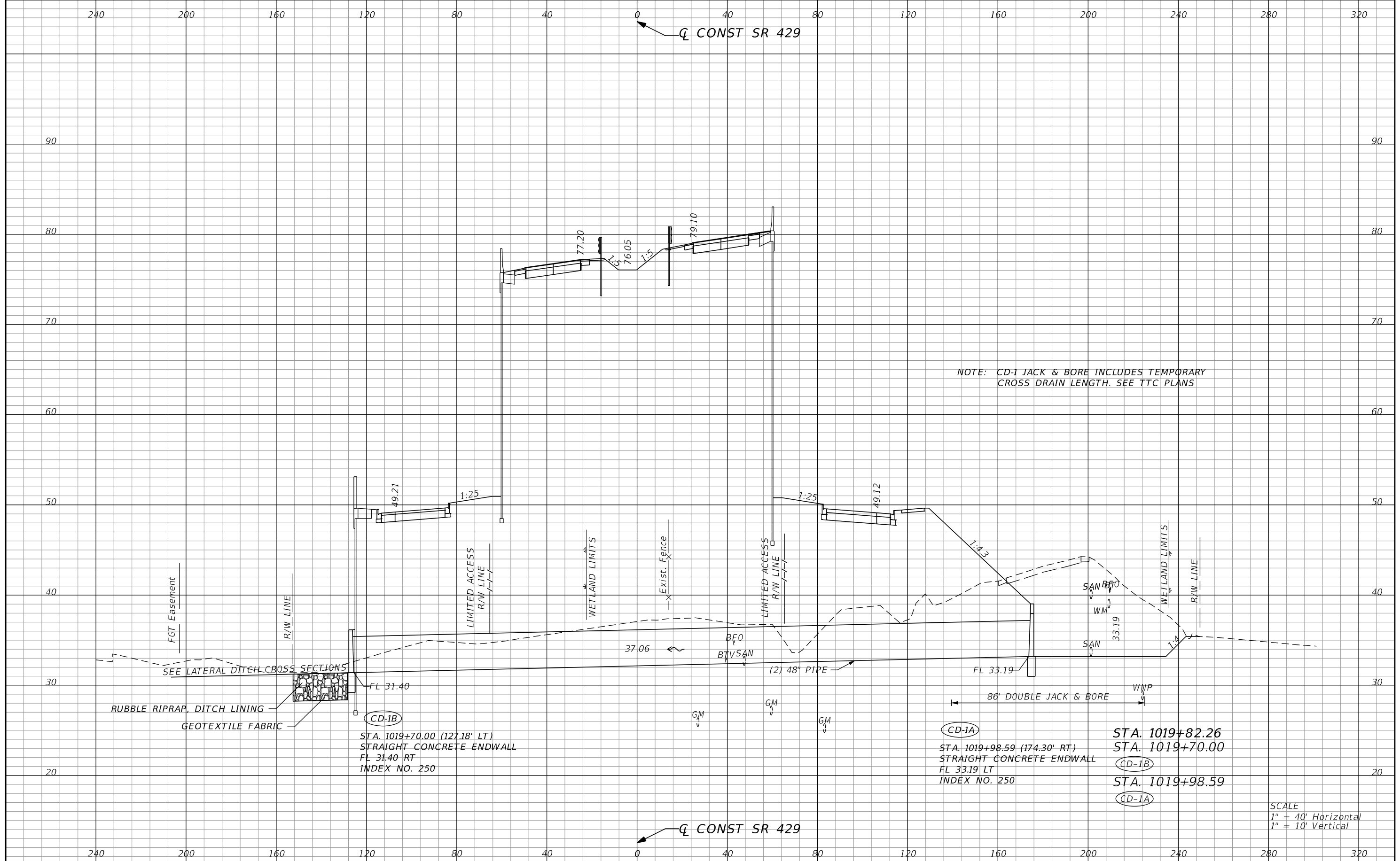
S-322  
 EB FRONTAGE RD  
 STA. 2077+30.62 (11.50' RT)  
 INLET TYPE P-1  
 FL 43.50 BK  
 INDEX NO.'S 200, 201, AND 210

STA. 1017+17.49  
 S-310  
 S-311  
 STA. 2077+30.62  
 EB FRONTAGE RD  
 S-322

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |             |      |             | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      | SHEET NO. |
|-----------|-------------|------|-------------|--|----------|----------------------|-----------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION | ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |           |
|           |             |      |             | 429  | SEMINOLE | 240200-2-52-01       | 439       |

DUSTIN E. PERKINS  
 P.E. LICENSE NO. 69225  
 URS CORPORATION  
 315 E. ROBINSON STREET, SUITE 245  
 ORLANDO, FL 32801-1949  
 PH (407) 422-0353 FAX (407) 423-2695  
 CERTIFICATE OF AUTHORIZATION NO. 000002



NOTE: CD-1 JACK & BORE INCLUDES TEMPORARY CROSS DRAIN LENGTH. SEE TTC PLANS

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

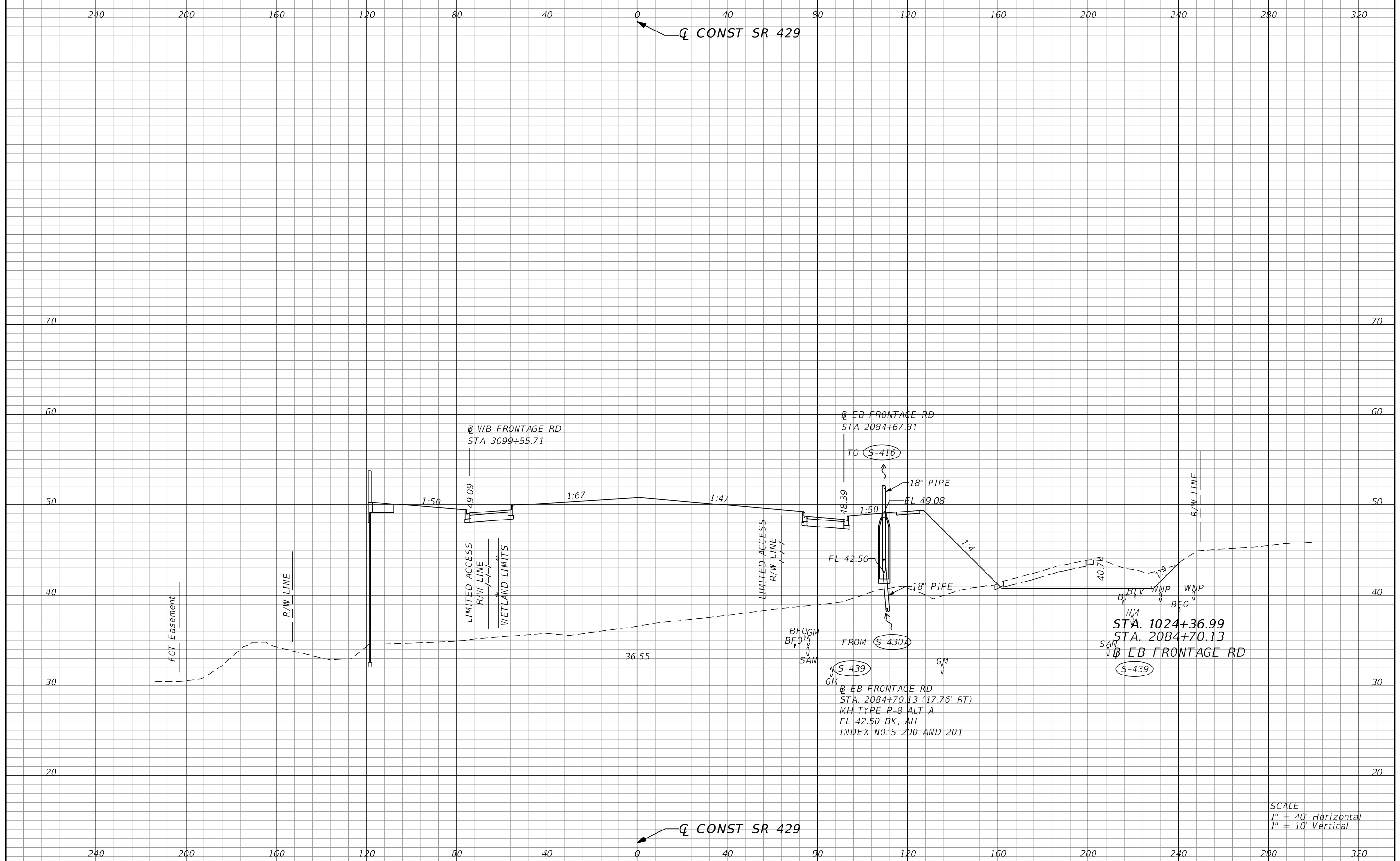
| REVISIONS |             |      |             |
|-----------|-------------|------|-------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |
|           |             |      |             |

DUSTIN E. PERKINS  
 P.E. LICENSE NO. 69225  
 URS CORPORATION  
 315 E. ROBINSON STREET, SUITE 245  
 ORLANDO, FL 32801-1949  
 PH (407) 422-0353 FAX (407) 423-2695  
 CERTIFICATE OF AUTHORIZATION NO. 000002

| STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      |
|--|----------|----------------------|
| ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |
| 429  | SEMINOLE | 240200-2-52-01       |

**DRAINAGE STRUCTURES**

SHEET NO.  
**440**

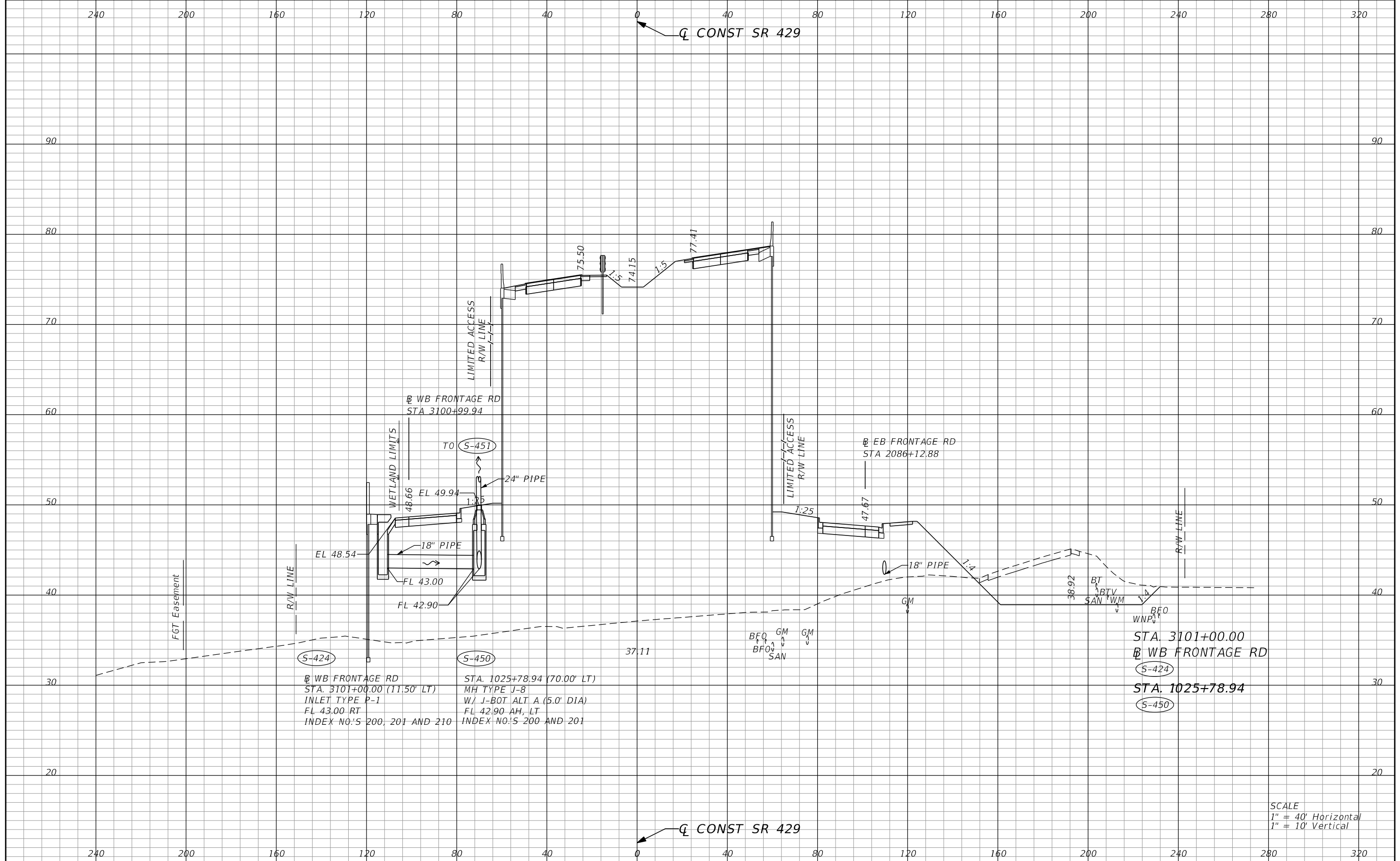


SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |             | DATE |             | DESCRIPTION |  |
|-----------|-------------|------|-------------|-------------|--|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |             |  |
|           |             |      |             |             |  |

|  |        |                      |  |          |                |                            |                                |
|--|--------|----------------------|--|----------|----------------|----------------------------|--------------------------------|
| DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 |        |                      | <b>STATE OF FLORIDA</b><br><b>DEPARTMENT OF TRANSPORTATION</b> |          |                | <b>DRAINAGE STRUCTURES</b> | SHEET<br>NO.<br><br><b>441</b> |
| ROAD NO.   | COUNTY | FINANCIAL PROJECT ID | 429  | SEMINOLE | 240200-2-52-01 |                            |                                |





@ WB FRONTAGE RD  
 STA. 3101+00.00 (11.50' LT)  
 INLET TYPE P-1  
 FL 43.00 RT  
 INDEX NO.'S 200, 201 AND 210

STA. 1025+78.94 (70.00' LT)  
 MH TYPE J-8  
 W/ J-BOT ALT. A (5.0' DIA)  
 FL 42.90 AH, LT  
 INDEX NO.'S 200 AND 201

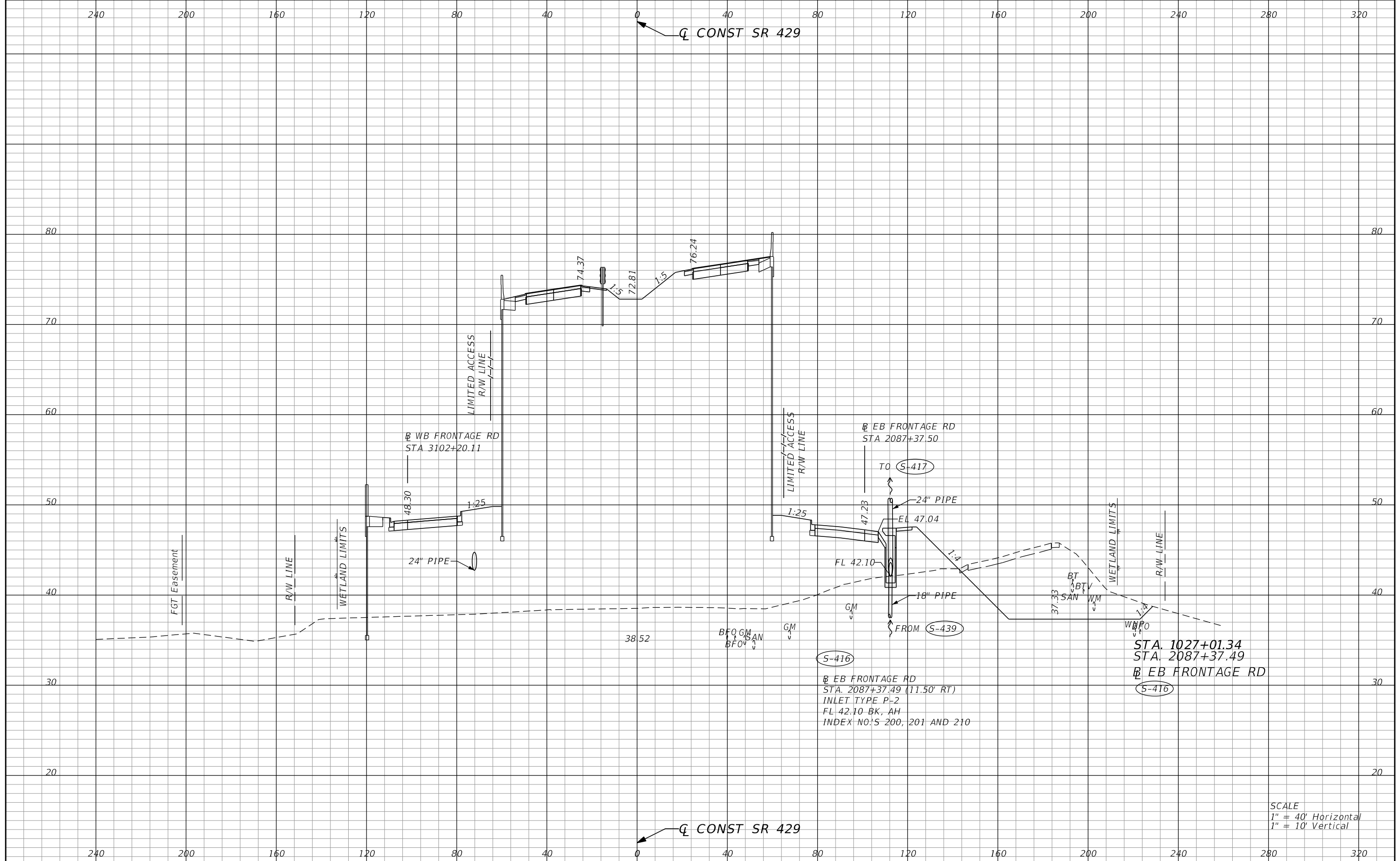
STA. 3101+00.00  
 @ WB FRONTAGE RD  
 S-424  
 STA. 1025+78.94  
 S-450

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |             | DATE |             | DESCRIPTION |  |
|-----------|-------------|------|-------------|-------------|--|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |             |  |
|           |             |      |             |             |  |

|  |        |                      |  |          |                |                            |                             |
|--|--------|----------------------|--|----------|----------------|----------------------------|-----------------------------|
| DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 |        |                      | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                | <b>DRAINAGE STRUCTURES</b> | SHEET NO.<br><br><b>442</b> |
| ROAD NO.   | COUNTY | FINANCIAL PROJECT ID | 429  | SEMINOLE | 240200-2-52-01 |                            |                             |

glen\_dvorovy 10/13/2015 2:16:06 PM 0:\Projects\CADD\24020025201\drainage\Xsect\DRXSRD01\_YL2.DGN



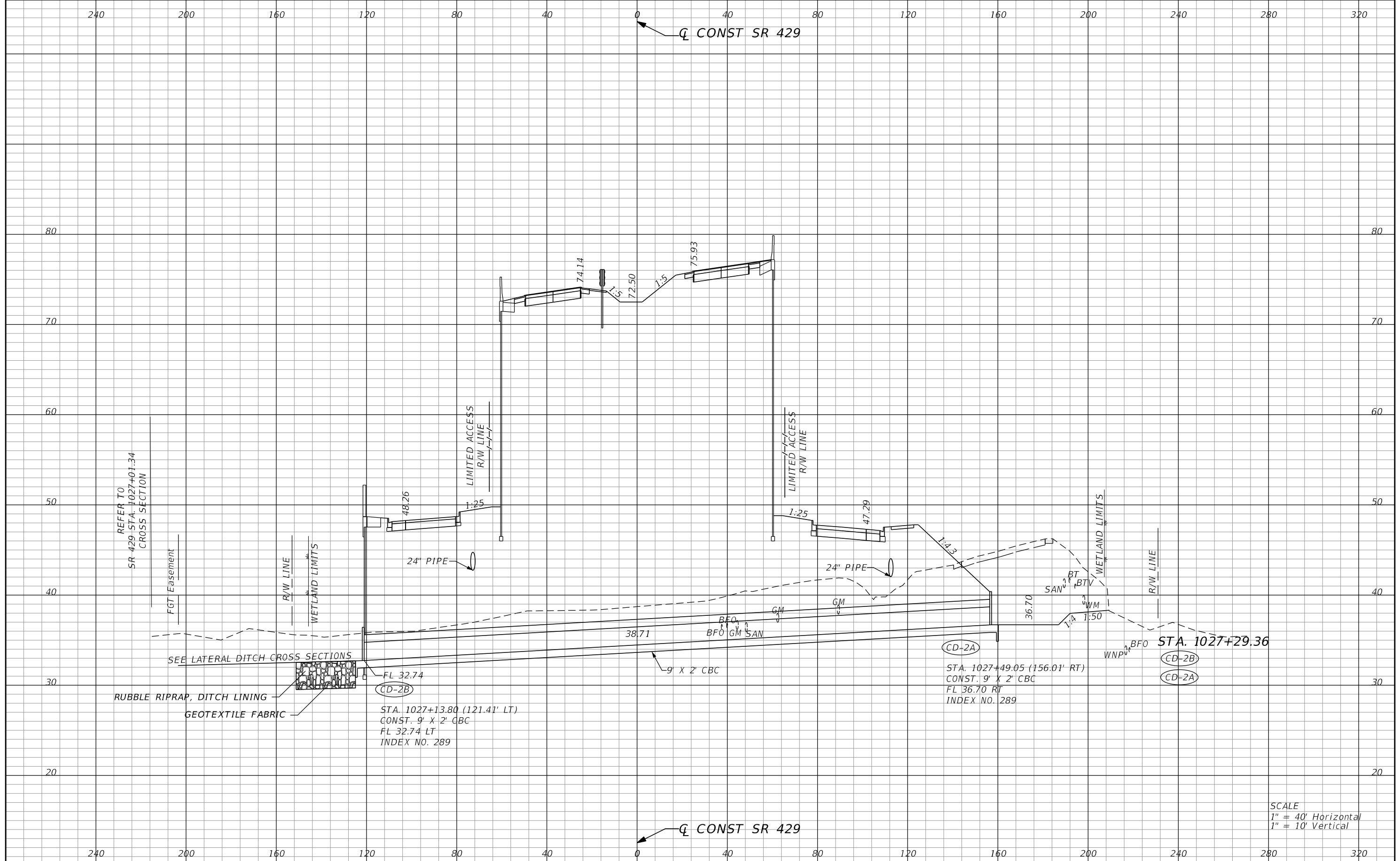
| REVISIONS |             |
|-----------|-------------|
| DATE      | DESCRIPTION |
|           |             |

DUSTIN E. PERKINS  
P.E. LICENSE NO. 69225  
URS CORPORATION  
315 E. ROBINSON STREET, SUITE 245  
ORLANDO, FL 32801-1949  
PH (407) 422-0353 FAX (407) 423-2695  
CERTIFICATE OF AUTHORIZATION NO. 000002

|  |          |                      |
|--|----------|----------------------|
| STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      |
| ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |
| 429  | SEMINOLE | 240200-2-52-01       |

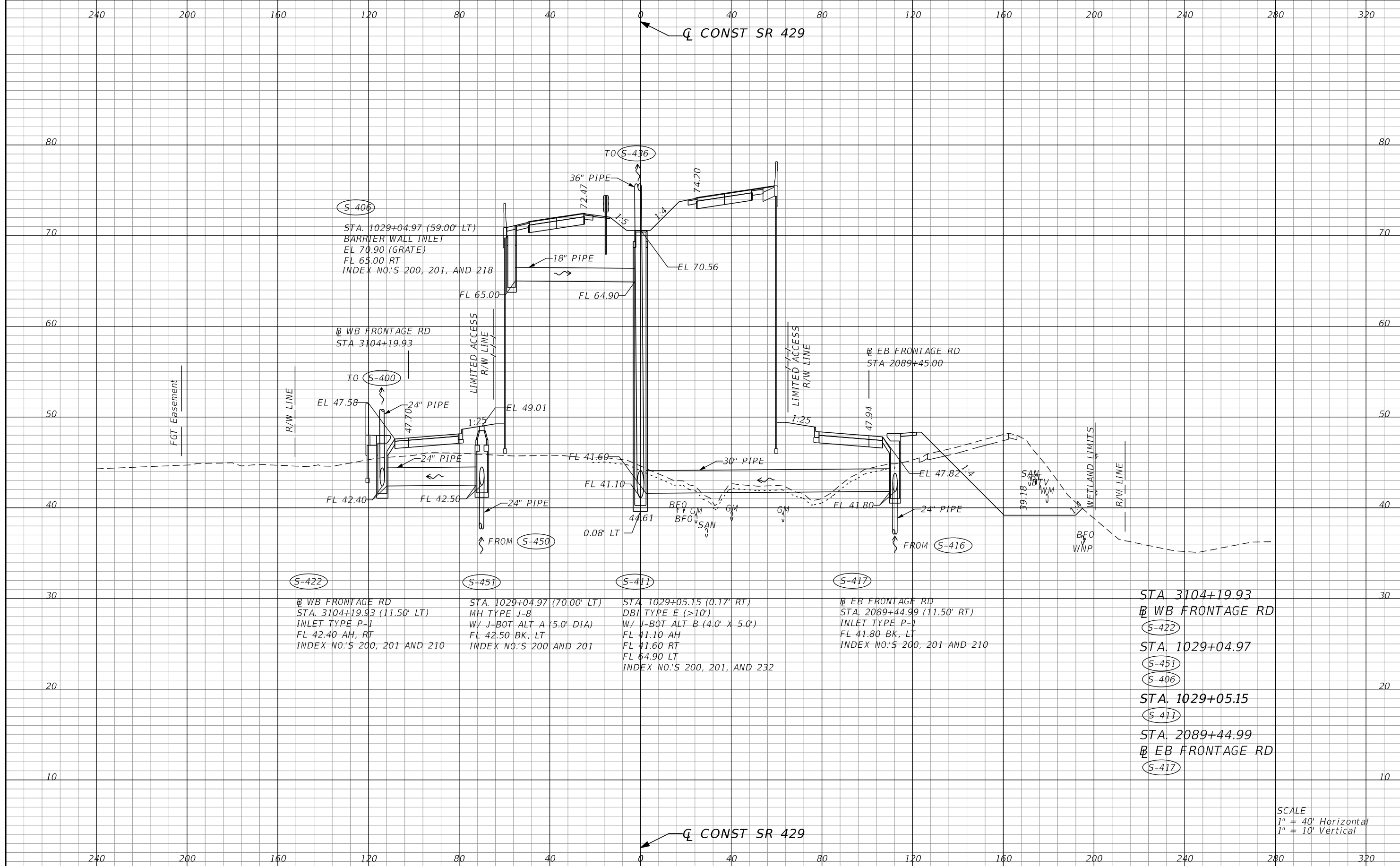
**DRAINAGE STRUCTURES**

SHEET NO.  
**443**



SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS  |             |      |             | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      | SHEET NO. |
|--|-------------|------|-------------|--|----------|----------------------|-----------|
| DATE   | DESCRIPTION | DATE | DESCRIPTION | ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |           |
|  |             |      |             | 429  | SEMINOLE | 240200-2-52-01       | 444       |
| DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 |             |      |             | <b>DRAINAGE STRUCTURES</b>                       |          |                      |           |



S-406  
 STA. 1029+04.97 (59.00' LT)  
 BARRIER WALL INLET  
 EL 70.90 (GRATE)  
 FL 65.00 RT  
 INDEX NO.'S 200, 201, AND 218

S-422  
 WB FRONTAGE RD  
 STA. 3104+19.93 (11.50' LT)  
 INLET TYPE P-1  
 FL 42.40 AH, RT  
 INDEX NO.'S 200, 201 AND 210

S-451  
 STA. 1029+04.97 (70.00' LT)  
 MH TYPE J-8  
 W/ J-BOT ALT A (5.0' DIA)  
 FL 42.50 BK, LT  
 INDEX NO.'S 200 AND 201

S-411  
 STA. 1029+05.15 (0.17' RT)  
 DBI TYPE E (>10')  
 W/ J-BOT ALT B (4.0' X 5.0')  
 FL 41.10 AH  
 FL 41.60 RT  
 FL 64.90 LT  
 INDEX NO.'S 200, 201, AND 232

S-417  
 EB FRONTAGE RD  
 STA. 2089+44.99 (11.50' RT)  
 INLET TYPE P-1  
 FL 41.80 BK, LT  
 INDEX NO.'S 200, 201 AND 210

STA. 3104+19.93  
 WB FRONTAGE RD  
 S-422  
 STA. 1029+04.97  
 S-451  
 S-406  
 STA. 1029+05.15  
 S-411  
 STA. 2089+44.99  
 EB FRONTAGE RD  
 S-417

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

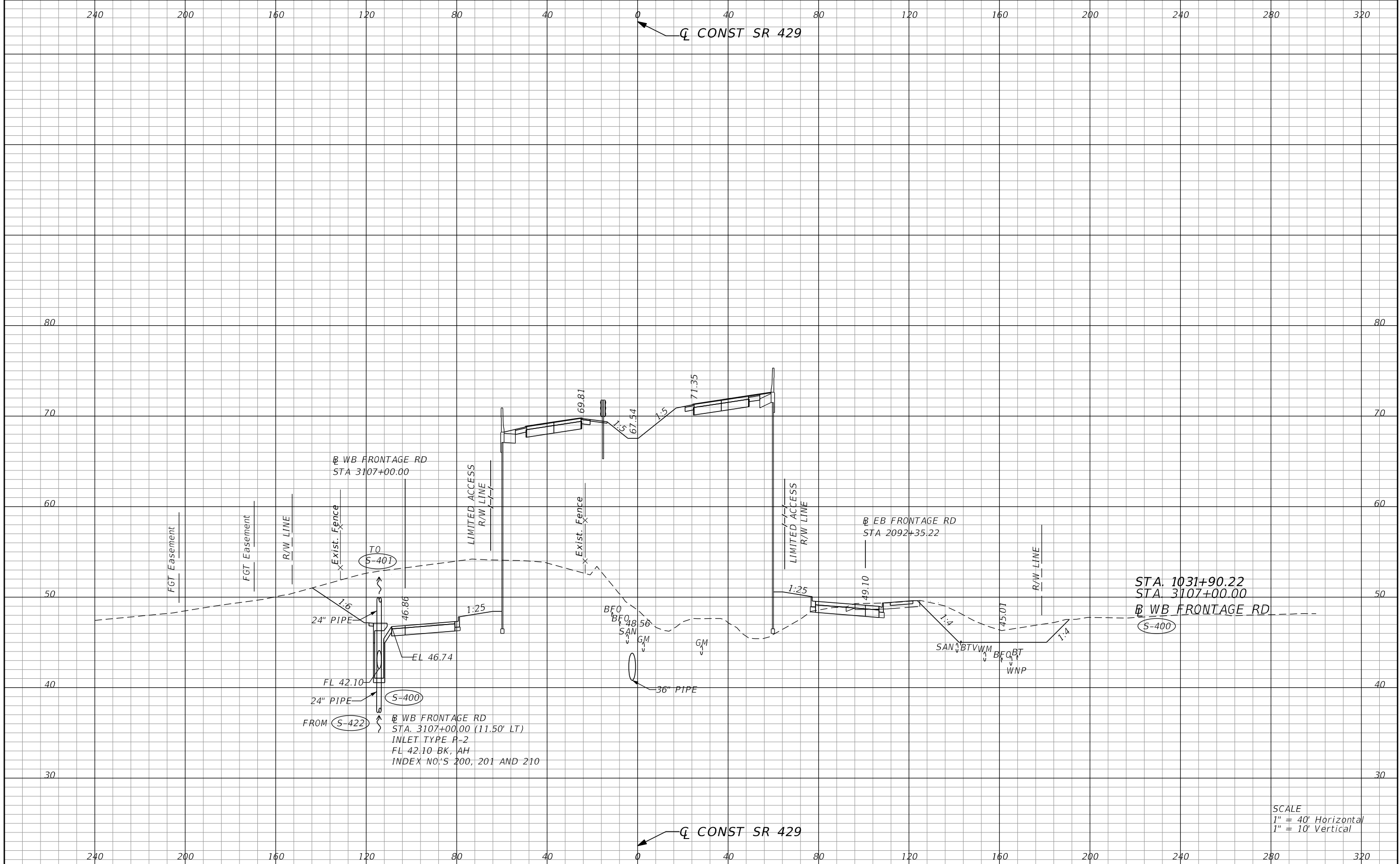
| REVISIONS |             |      |             |
|-----------|-------------|------|-------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |
|           |             |      |             |

DUSTIN E. PERKINS  
 P.E. LICENSE NO. 69225  
 URS CORPORATION  
 315 E. ROBINSON STREET, SUITE 245  
 ORLANDO, FL 32801-1949  
 PH (407) 422-0353 FAX (407) 423-2695  
 CERTIFICATE OF AUTHORIZATION NO. 000002

| STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      |
|--|----------|----------------------|
| ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |
| 429  | SEMINOLE | 240200-2-52-01       |

**DRAINAGE STRUCTURES**

SHEET NO.  
 445

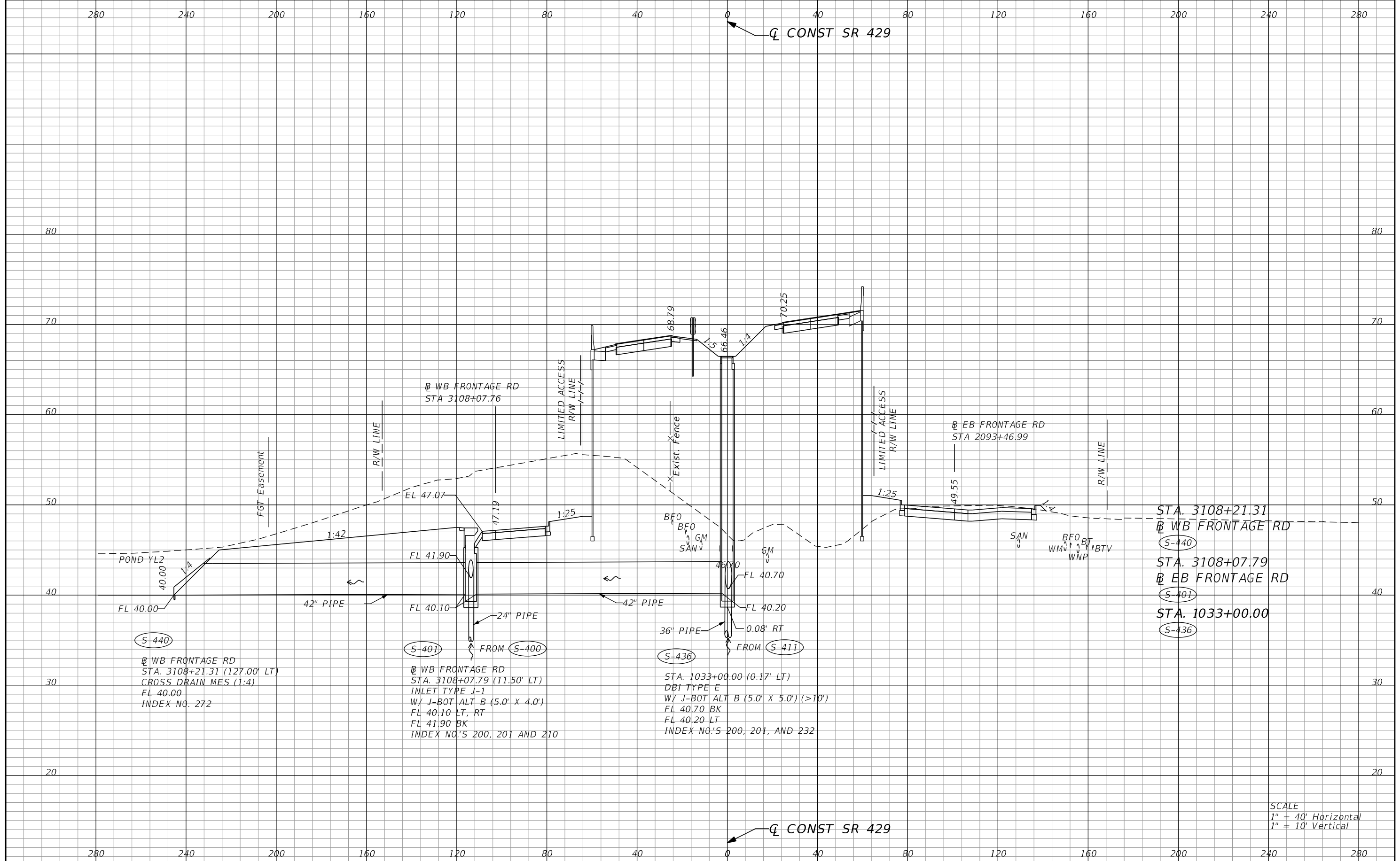


SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |             |      |             |
|-----------|-------------|------|-------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |
|           |             |      |             |

|  |          |  |  |   |           |
|--|----------|--|--|---|-----------|
| DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 |          | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |  | <h2 style="margin: 0;">DRAINAGE STRUCTURES</h2> | SHEET NO. |
| ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID                             |  |   | 446       |
| 429  | SEMINOLE | 240200-2-52-01                                   |  |   |           |

glen\_dvorovy 10/13/2015 2:16:06 PM 0:\Projects\CADD\24020025201\drainage\Xsect\DRXSRD01\_YL2.DGN



STA. 3108+21.31  
 WB FRONTAGE RD  
 (S-440)  
 STA. 3108+07.79  
 EB FRONTAGE RD  
 (S-401)  
 STA. 1033+00.00  
 (S-436)

(S-440)  
 WB FRONTAGE RD  
 STA. 3108+21.31 (127.00' LT)  
 CROSS DRAIN MES (1:4)  
 FL 40.00  
 INDEX NO. 272

(S-401)  
 WB FRONTAGE RD  
 STA. 3108+07.79 (11.50' LT)  
 INLET TYPE J-1  
 W/ J-BOT ALT B (5.0' X 4.0')  
 FL 40.10 LT, RT  
 FL 41.90 BK  
 INDEX NO.'S 200, 201 AND 210

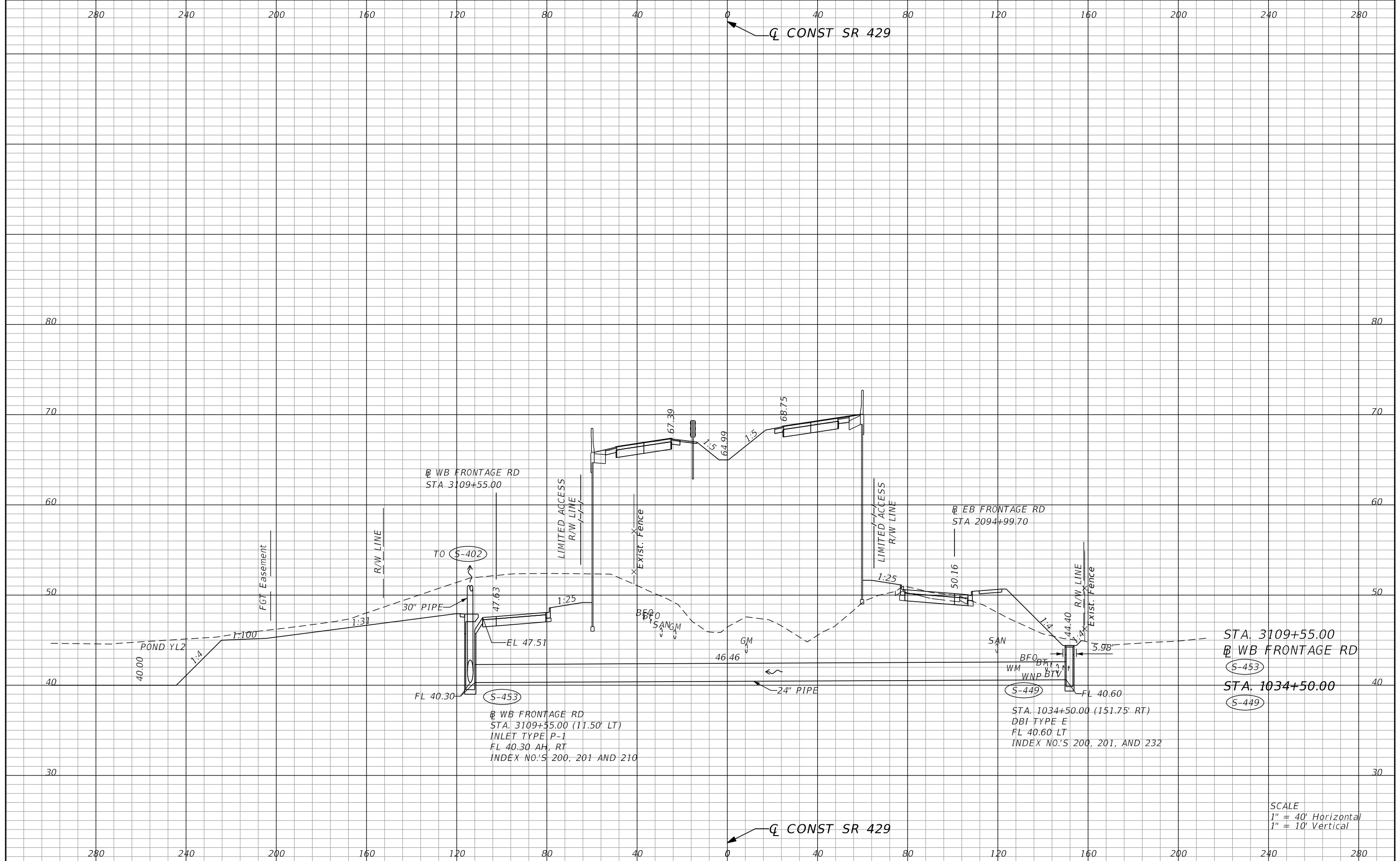
(S-436)  
 STA. 1033+00.00 (0.17' LT)  
 DBI TYPE E  
 W/ J-BOT ALT B (5.0' X 5.0') (>10')  
 FL 40.70 BK  
 FL 40.20 LT  
 INDEX NO.'S 200, 201, AND 232

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |             | DATE |             | DESCRIPTION |  |
|-----------|-------------|------|-------------|-------------|--|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |             |  |
|           |             |      |             |             |  |

|  |        |                      |  |          |                |                            |                            |
|--|--------|----------------------|--|----------|----------------|----------------------------|----------------------------|
| DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 |        |                      | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                | <b>DRAINAGE STRUCTURES</b> | SHEET<br>NO.<br><b>447</b> |
| ROAD NO.   | COUNTY | FINANCIAL PROJECT ID | 429  | SEMINOLE | 240200-2-52-01 |                            |                            |

glen\_dvorovy 10/13/2015 2:16:07 PM 0:\Projects\CADD\24020025201\drainage\Xsect\DRXSRD01\_YL2.DGN



STA. 3109+55.00  
 @ WB FRONTAGE RD  
 S-453  
 STA. 1034+50.00  
 S-449

@ WB FRONTAGE RD  
 STA. 3109+55.00 (11.50' LT)  
 INLET TYPE P-1  
 FL 40.30 AH, RT  
 INDEX NO.'S 200, 201 AND 210

STA. 1034+50.00 (151.75' RT)  
 DBI TYPE E  
 FL 40.60 LT  
 INDEX NO.'S 200, 201, AND 232

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

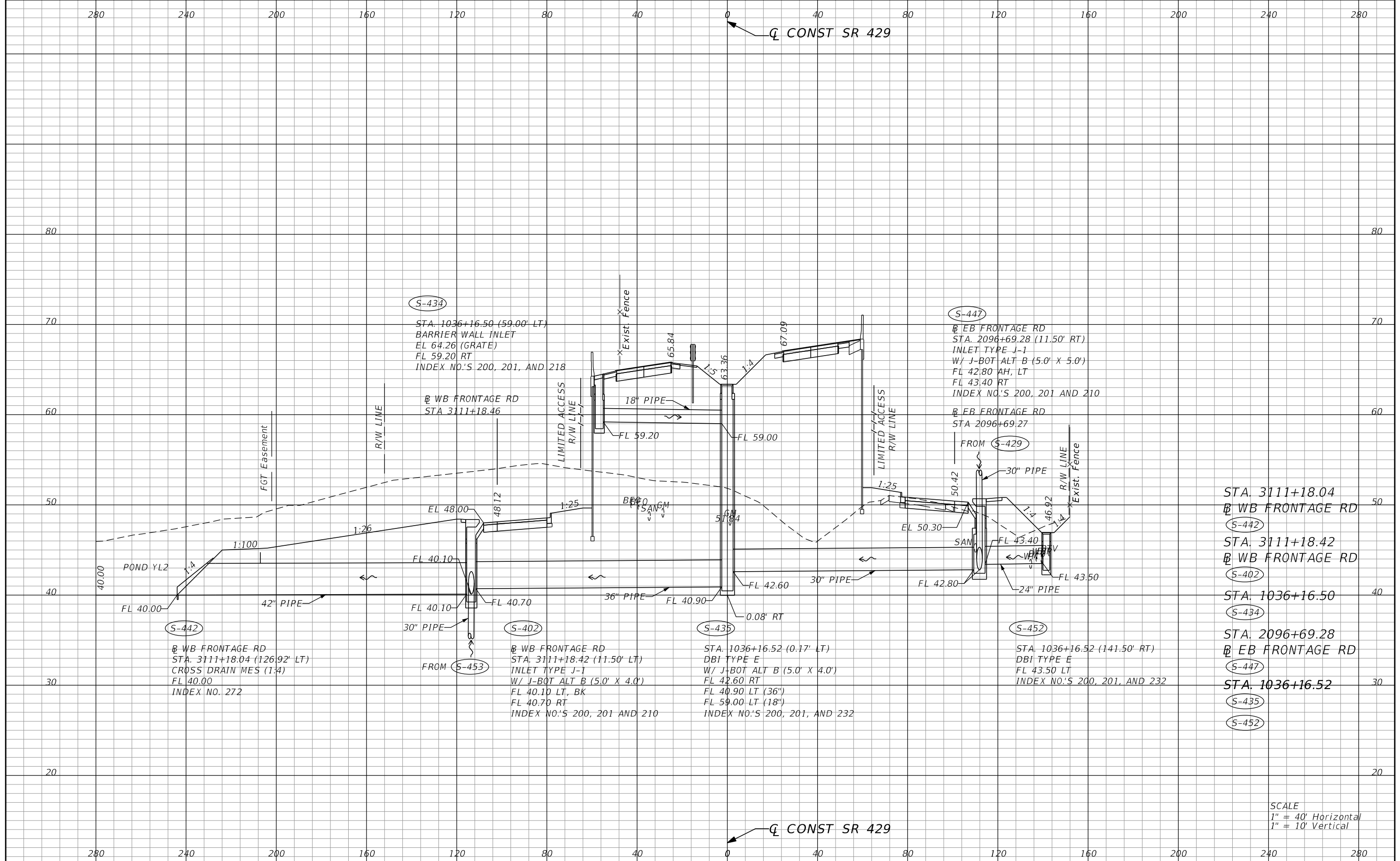
| REVISIONS |             |      |             |
|-----------|-------------|------|-------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |
|           |             |      |             |

DUSTIN E. PERKINS  
 P.E. LICENSE NO. 69225  
 URS CORPORATION  
 315 E. ROBINSON STREET, SUITE 245  
 ORLANDO, FL 32801-1949  
 PH (407) 422-0353 FAX (407) 423-2695  
 CERTIFICATE OF AUTHORIZATION NO. 000002

| STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      |
|--|----------|----------------------|
| ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |
| 429  | SEMINOLE | 240200-2-52-01       |

**DRAINAGE STRUCTURES**

SHEET NO.  
 448

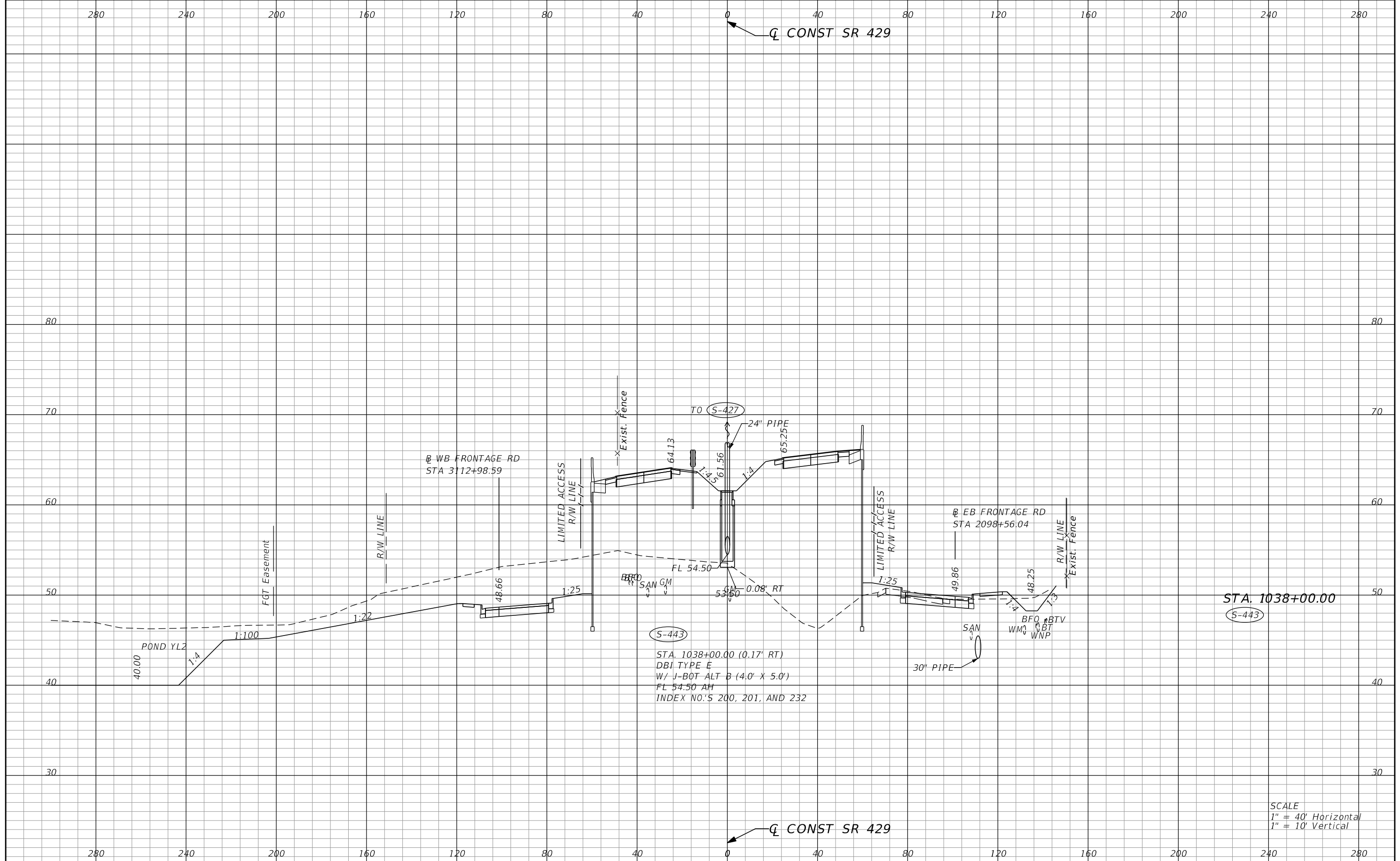


- STA. 3111+18.04  
WB FRONTAGE RD  
S-442
- STA. 3111+18.42  
WB FRONTAGE RD  
S-402
- STA. 1036+16.50  
S-434
- STA. 2096+69.28  
EB FRONTAGE RD  
S-447
- STA. 1036+16.52  
S-435
- STA. 1036+16.52  
S-452

SCALE  
1" = 40' Horizontal  
1" = 10' Vertical

| REVISIONS |             |      |             | DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |                |                      | <h2 style="margin: 0;">DRAINAGE STRUCTURES</h2> | SHEET<br>NO.<br><br>449 |
|-----------|-------------|------|-------------|--|--|----------------|----------------------|---|-------------------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |  | ROAD NO.   | COUNTY         | FINANCIAL PROJECT ID |   |                         |
|           |             |      |             | 429  | SEMINOLE   | 240200-2-52-01 |                      |   |                         |





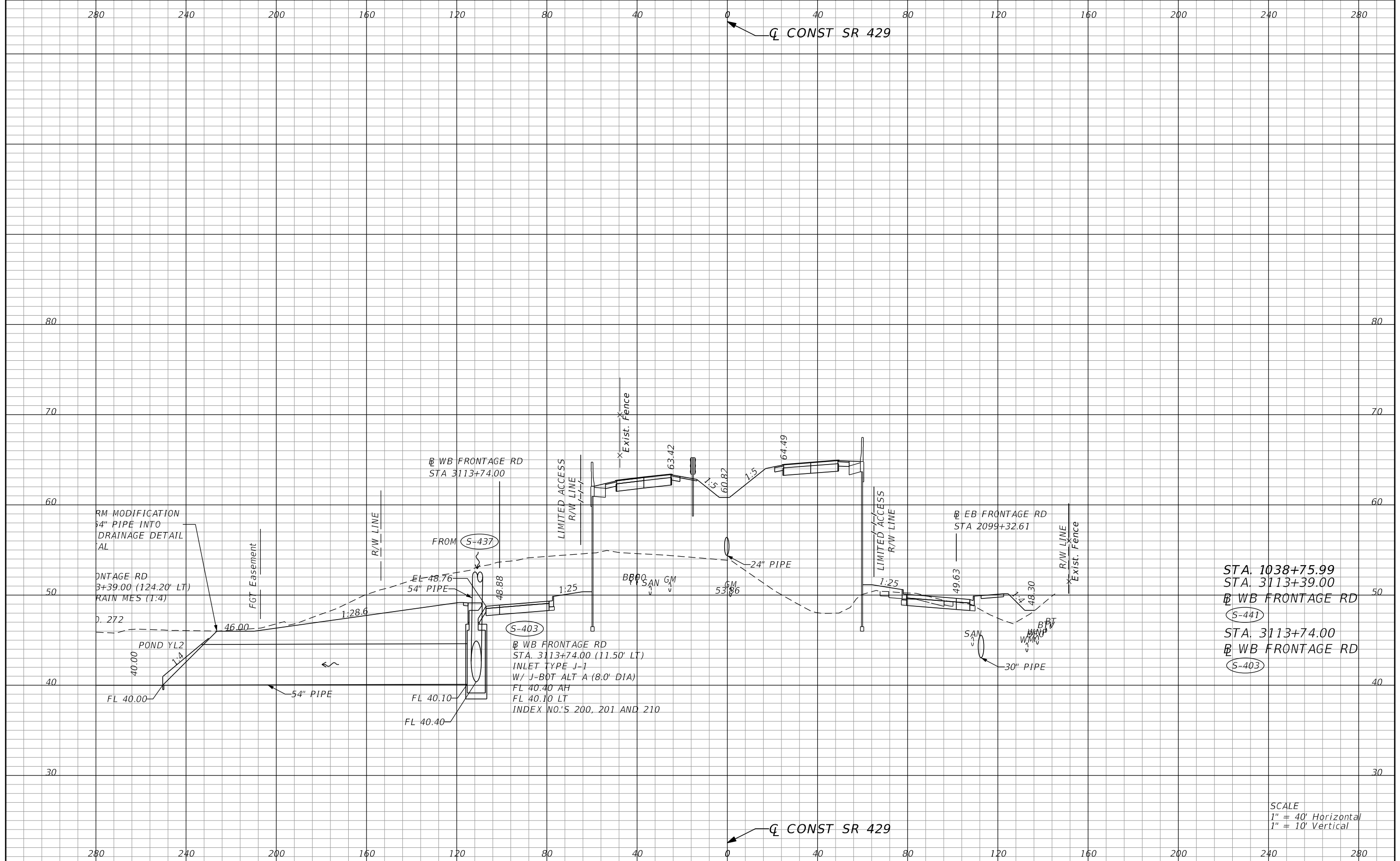
STA. 1038+00.00  
S-443

S-443  
STA. 1038+00.00 (0.17' RT)  
DBI TYPE E  
W/ J-BOT ALT B (4.0' X 5.0')  
FL 54.50 AH  
INDEX NO.'S 200, 201, AND 232

SCALE  
1" = 40' Horizontal  
1" = 10' Vertical

| REVISIONS |             |      |             | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      | SHEET<br>NO. |
|-----------|-------------|------|-------------|--|----------|----------------------|--------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION | ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |              |
|           |             |      |             | 429  | SEMINOLE | 240200-2-52-01       | 450          |

DUSTIN E. PERKINS  
P.E. LICENSE NO. 69225  
URS CORPORATION  
315 E. ROBINSON STREET, SUITE 245  
ORLANDO, FL 32801-1949  
PH (407) 422-0353 FAX (407) 423-2695  
CERTIFICATE OF AUTHORIZATION NO. 000002



STA. 1038+75.99  
 STA. 3113+39.00  
 @ WB FRONTAGE RD  
 (S-441)  
 STA. 3113+74.00  
 @ WB FRONTAGE RD  
 (S-403)

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |             | DESCRIPTION |             |
|-----------|-------------|-------------|-------------|
| DATE      | DESCRIPTION | DATE        | DESCRIPTION |
|           |             |             |             |

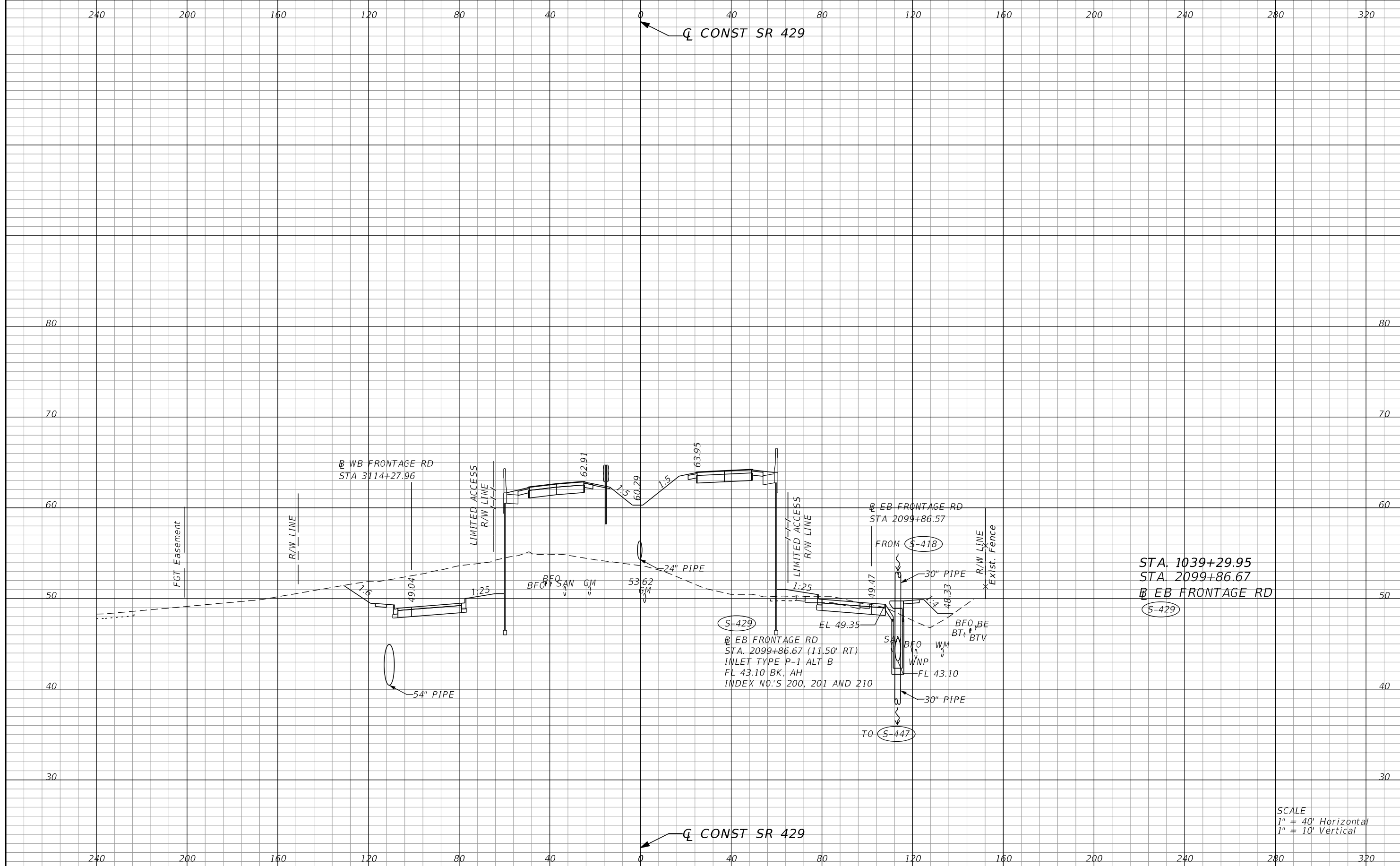
**DUSTIN E. PERKINS**  
 P.E. LICENSE NO. 69225  
 URS CORPORATION  
 315 E. ROBINSON STREET, SUITE 245  
 ORLANDO, FL 32801-1949  
 PH (407) 422-0353 FAX (407) 423-2695  
 CERTIFICATE OF AUTHORIZATION NO. 000002

**STATE OF FLORIDA**  
**DEPARTMENT OF TRANSPORTATION**

| ROAD NO. | COUNTY   | FINANCIAL PROJECT ID |
|----------|----------|----------------------|
| 429      | SEMINOLE | 240200-2-52-01       |

DRAINAGE STRUCTURES

451

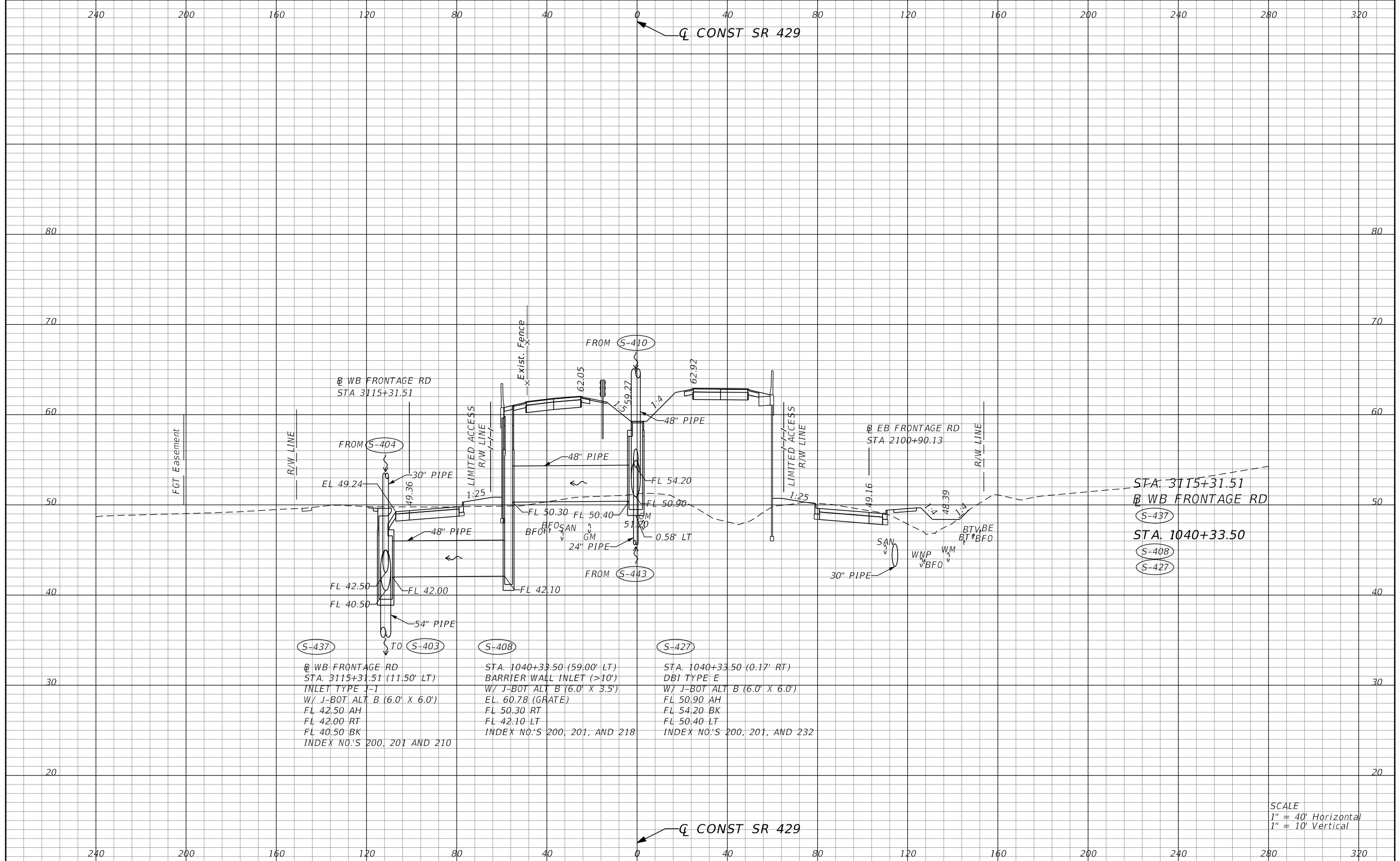


STA. 1039+29.95  
 STA. 2099+86.67  
 B EB FRONTAGE RD  
 S-429

S-429  
 B EB FRONTAGE RD  
 STA. 2099+86.67 (11.50' RT)  
 INLET TYPE P-1 ALT-B  
 FL 43.10 BK, AH  
 INDEX NO.'S 200, 201 AND 210

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS                  |             | DATE |  | DESCRIPTION  |                         |
|----------------------------|-------------|------|--|--|-------------------------|
| DATE                       | DESCRIPTION | DATE | DESCRIPTION                                      |  |                         |
|                            |             |      |  | DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 |                         |
|                            |             |      | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |  |                         |
|                            |             |      | ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID    |
|                            |             |      | 429  | SEMINOLE   | 240200-2-52-01          |
| <b>DRAINAGE STRUCTURES</b> |             |      |  |  | SHEET NO.<br><b>452</b> |

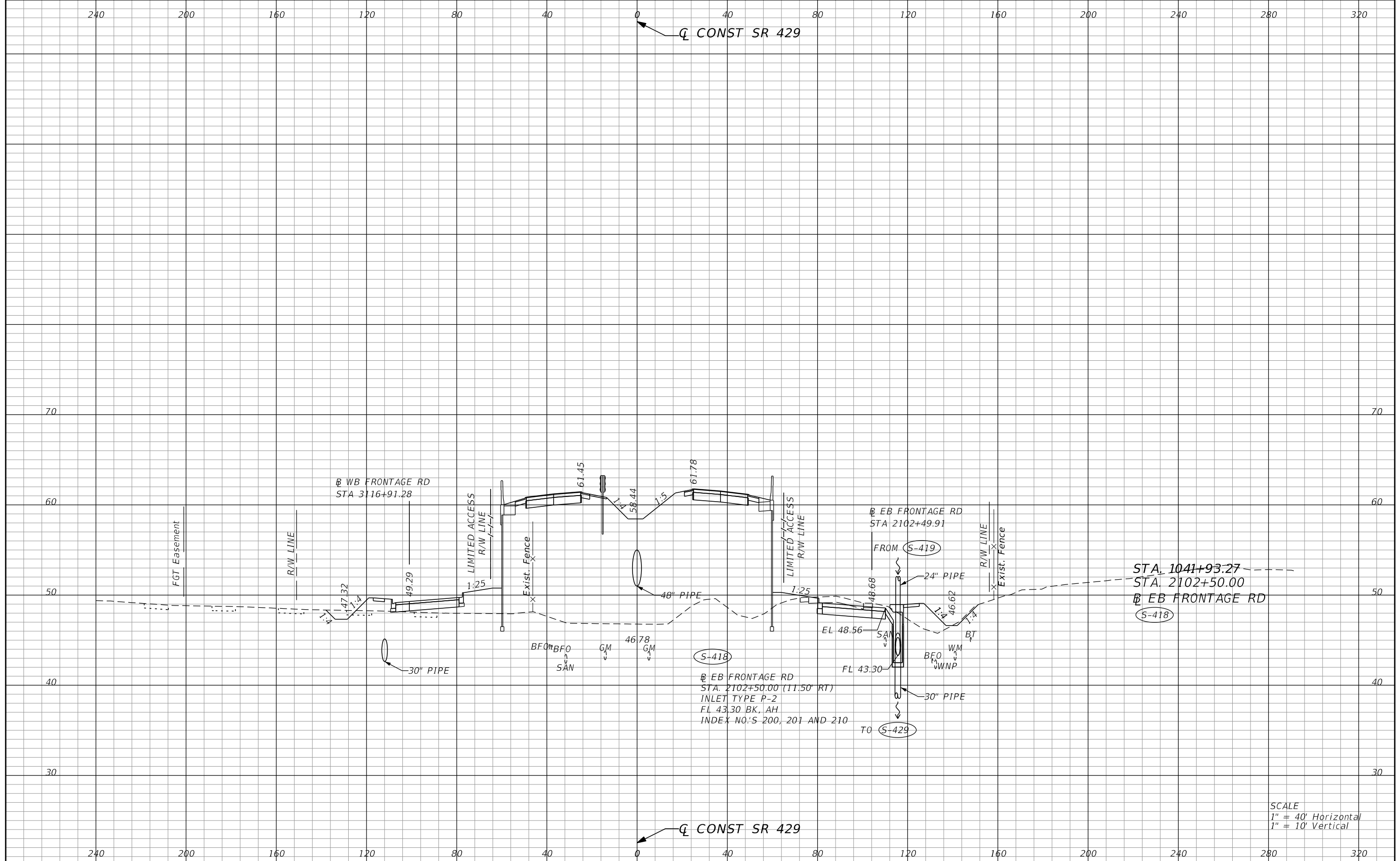


- (S-437)
  - WB FRONTAGE RD
  - STA. 3115+31.51 (11.50' LT)
  - INLET TYPE J-1
  - W/ J-BOT ALT B (6.0' X 6.0')
  - FL 42.50 AH
  - FL 42.00 RT
  - FL 40.50 BK
  - INDEX NO'S 200, 201 AND 210
- (S-403)
  - TO
- (S-408)
  - STA. 1040+33.50 (59.00' LT)
  - BARRIER WALL INLET (>10')
  - W/ J-BOT ALT B (6.0' X 3.5')
  - EL. 60.78 (GRATE)
  - FL 50.30 RT
  - FL 42.10 LT
  - INDEX NO'S 200, 201, AND 218
- (S-427)
  - STA. 1040+33.50 (0.17' RT)
  - DBI TYPE E
  - W/ J-BOT ALT B (6.0' X 6.0')
  - FL 50.90 AH
  - FL 54.20 BK
  - FL 50.40 LT
  - INDEX NO'S 200, 201, AND 232

- STA. 3115+31.51
- WB FRONTAGE RD
- (S-437)
- STA. 1040+33.50
- (S-408)
- (S-427)

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS                  |             | DATE   |             | DESCRIPTION  |           |
|----------------------------|-------------|--|-------------|--|-----------|
| DATE                       | DESCRIPTION | DATE   | DESCRIPTION |  |           |
|                            |             |  |             | DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 |           |
|                            |             | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |             |  |           |
|                            |             | ROAD NO.   | COUNTY      | FINANCIAL PROJECT ID   |           |
|                            |             | 429  | SEMINOLE    | 240200-2-52-01   |           |
| <b>DRAINAGE STRUCTURES</b> |             |  |             |  | SHEET NO. |
|                            |             |  |             |  | 453       |



SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

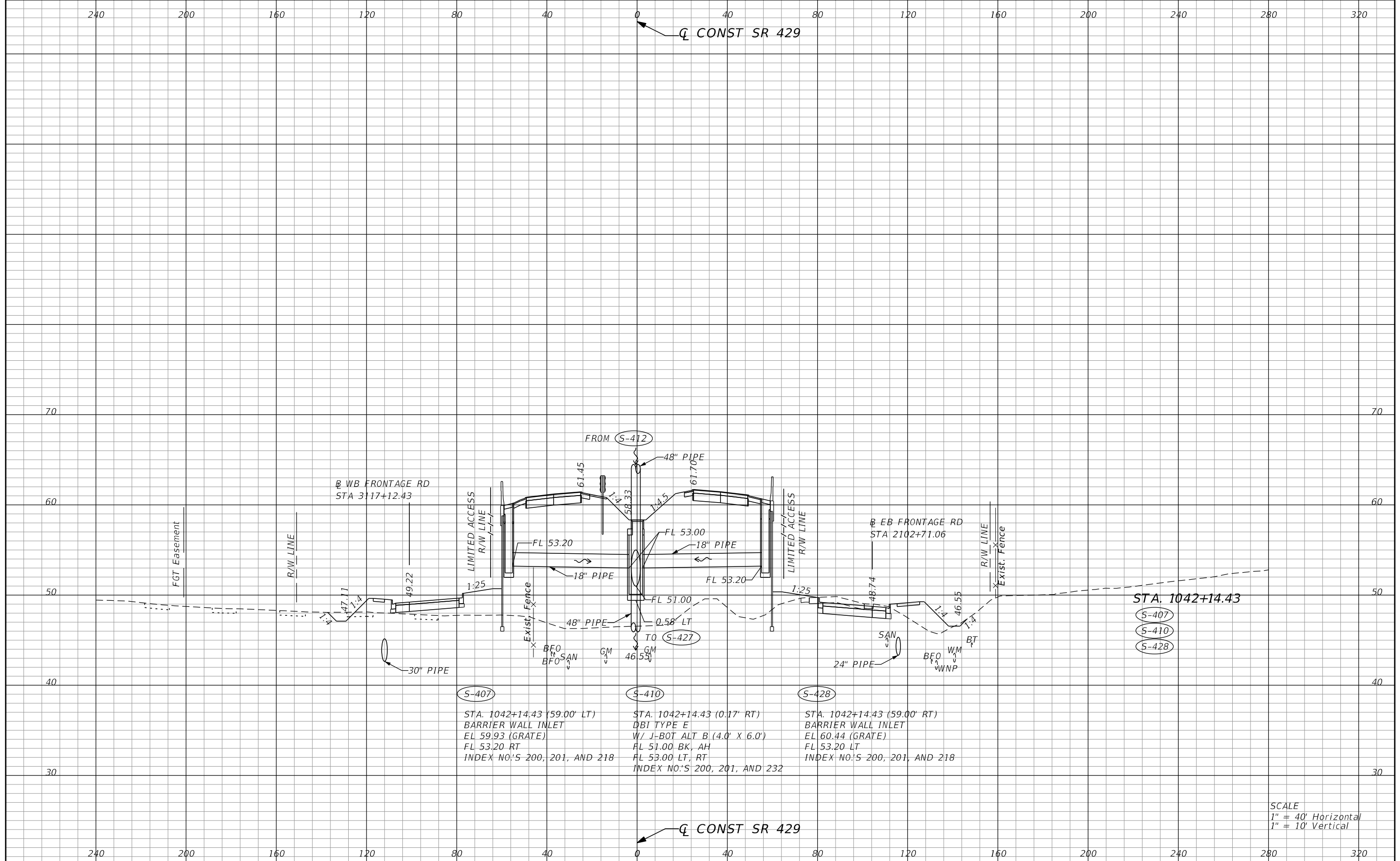
| REVISIONS |             |      |             |
|-----------|-------------|------|-------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |
|           |             |      |             |

DUSTIN E. PERKINS  
 P.E. LICENSE NO. 69225  
 URS CORPORATION  
 315 E. ROBINSON STREET, SUITE 245  
 ORLANDO, FL 32801-1949  
 PH (407) 422-0353 FAX (407) 423-2695  
 CERTIFICATE OF AUTHORIZATION NO. 000002

| STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      |
|--|----------|----------------------|
| ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |
| 429  | SEMINOLE | 240200-2-52-01       |

**DRAINAGE STRUCTURES**

SHEET NO.  
 454



**S-407**  
 STA. 1042+14.43 (59.00' LT)  
 BARRIER WALL INLET  
 EL 59.93 (GRATE)  
 FL 53.20 RT  
 INDEX NO.'S 200, 201, AND 218

**S-410**  
 STA. 1042+14.43 (0.17' RT)  
 DBI TYPE E  
 W/ J-BOT ALT B (4.0' X 6.0')  
 FL 51.00 BK, AH  
 FL 53.00 LT, RT  
 INDEX NO.'S 200, 201, AND 232

**S-428**  
 STA. 1042+14.43 (59.00' RT)  
 BARRIER WALL INLET  
 EL 60.44 (GRATE)  
 FL 53.20 LT  
 INDEX NO.'S 200, 201, AND 218

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

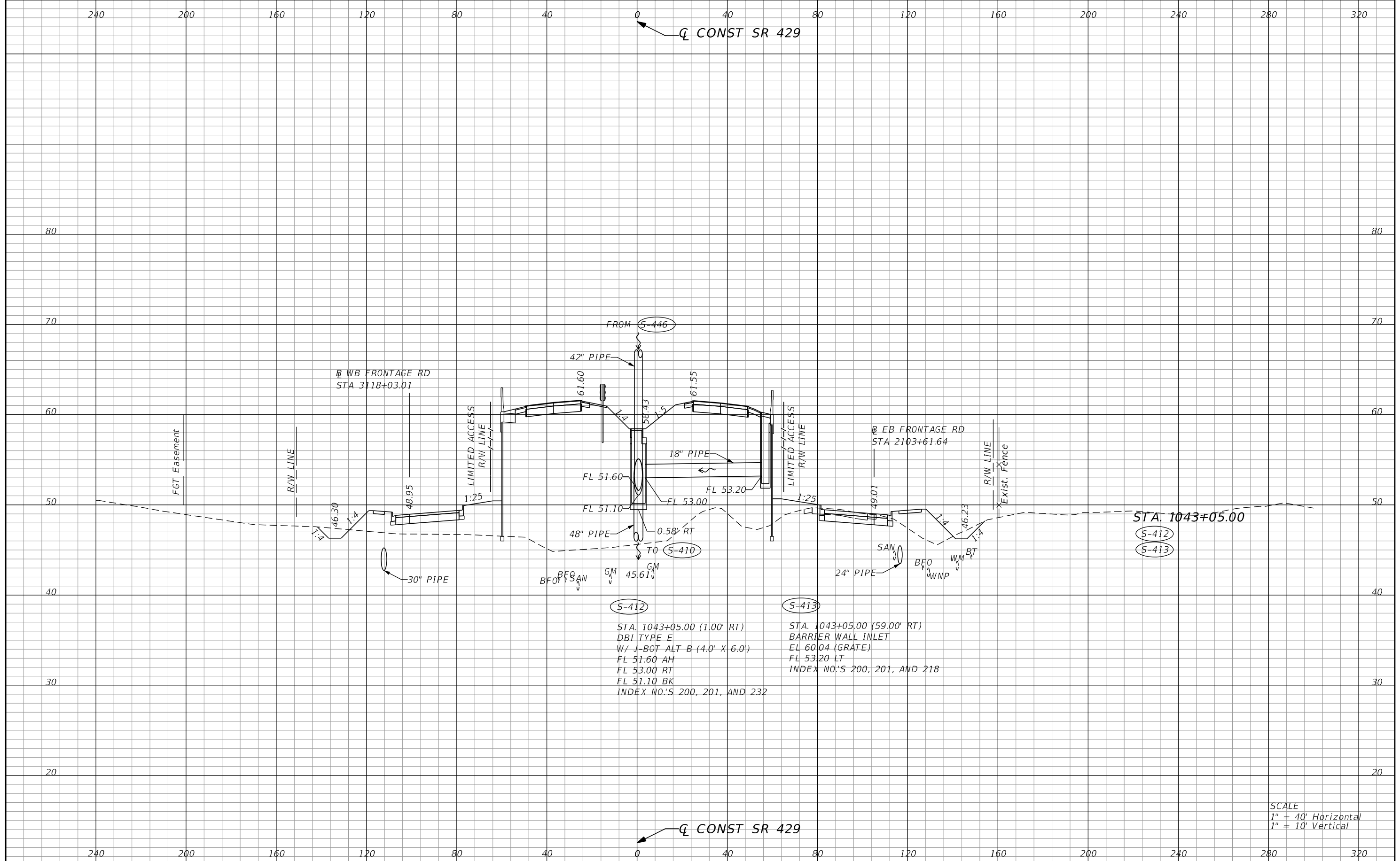
| REVISIONS |             |      |             |
|-----------|-------------|------|-------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |
|           |             |      |             |

DUSTIN E. PERKINS  
 P.E. LICENSE NO. 69225  
 URS CORPORATION  
 315 E. ROBINSON STREET, SUITE 245  
 ORLANDO, FL 32801-1949  
 PH (407) 422-0353 FAX (407) 423-2695  
 CERTIFICATE OF AUTHORIZATION NO. 000002

| STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      |
|--|----------|----------------------|
| ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |
| 429  | SEMINOLE | 240200-2-52-01       |

**DRAINAGE STRUCTURES**

SHEET NO.  
455

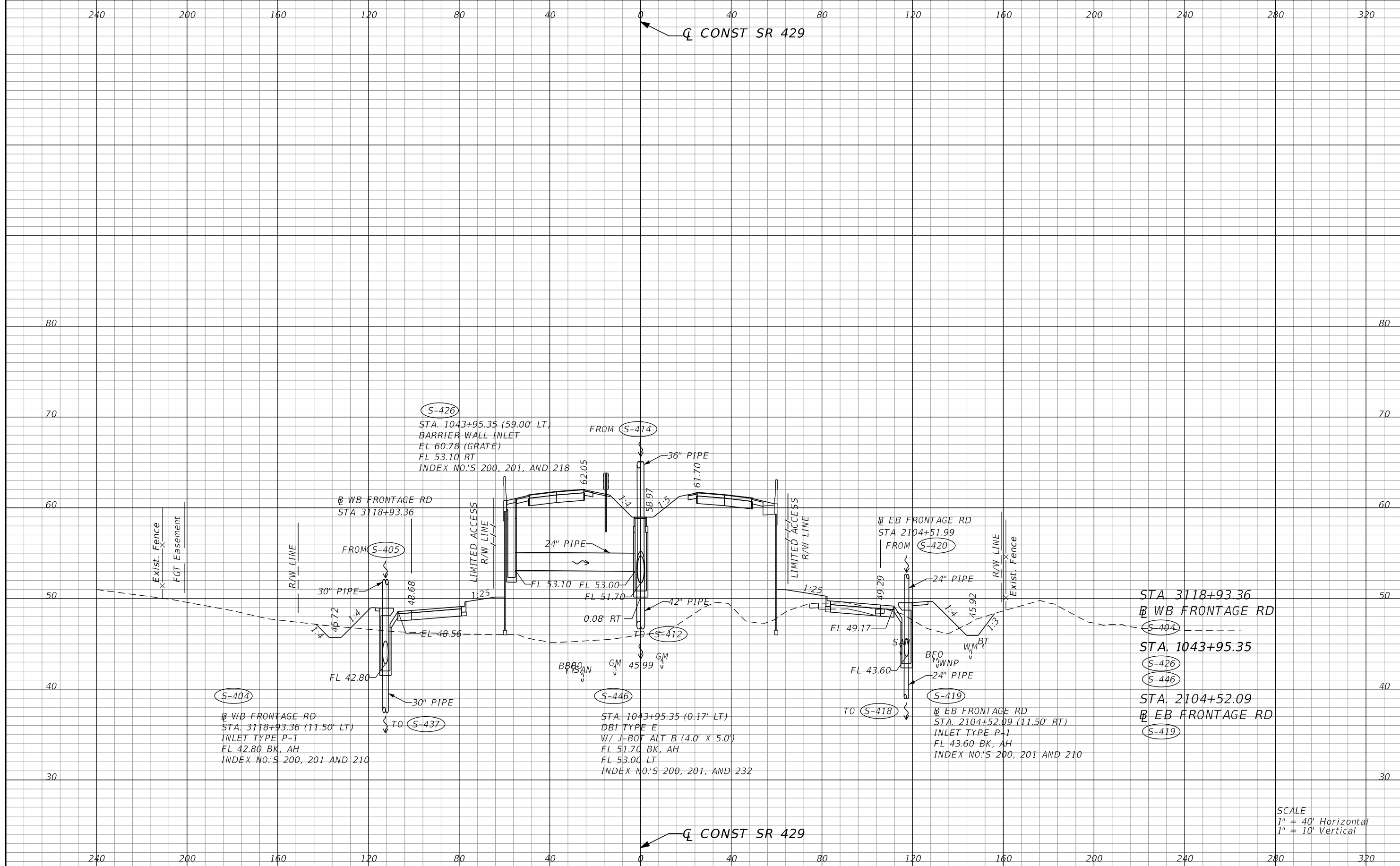


S-412  
 STA. 1043+05.00 (1.00' RT)  
 DBI TYPE E  
 W/ J-BOT ALT B (4.0' X 6.0')  
 FL 51.60 AH  
 FL 53.00 RT  
 FL 51.10 BK  
 INDEX NO.'S 200, 201, AND 232

S-413  
 STA. 1043+05.00 (59.00' RT)  
 BARRIER WALL INLET  
 EL 60.04 (GRATE)  
 FL 53.20 LT  
 INDEX NO.'S 200, 201, AND 218

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS                  |             | DATE     |             | DESCRIPTION  |                         |
|----------------------------|-------------|----------|-------------|--|-------------------------|
| DATE                       | DESCRIPTION | DATE     | DESCRIPTION |  |                         |
|                            |             |          |             | DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 |                         |
|                            |             |          |             | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION   |                         |
|                            |             | ROAD NO. | COUNTY      | FINANCIAL PROJECT ID   |                         |
|                            |             | 429      | SEMINOLE    | 240200-2-52-01   |                         |
| <b>DRAINAGE STRUCTURES</b> |             |          |             |  | SHEET NO.<br><b>456</b> |



SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |             |      |             |
|-----------|-------------|------|-------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |
|           |             |      |             |

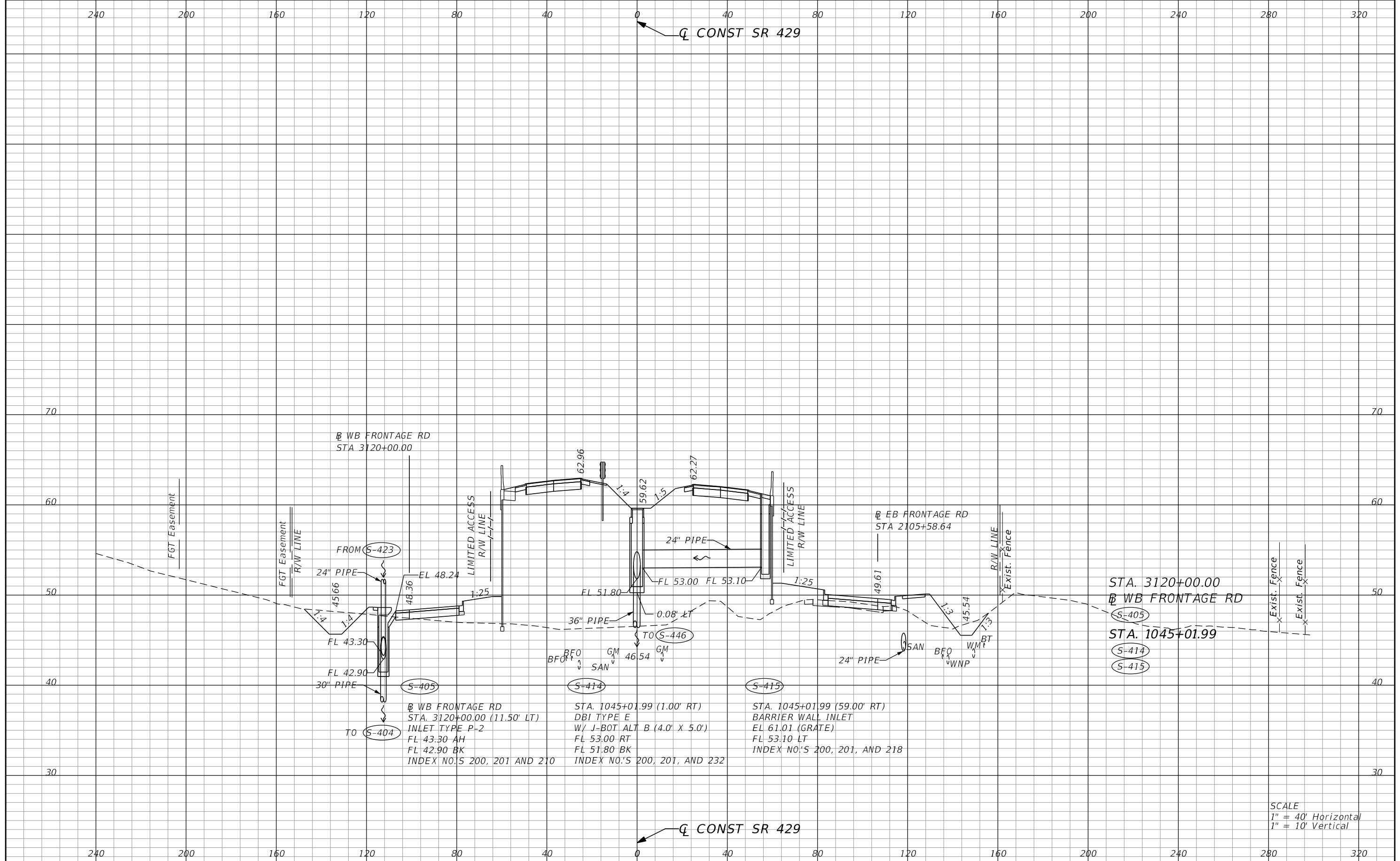
DUSTIN E. PERKINS  
 P.E. LICENSE NO. 69225  
 URS CORPORATION  
 315 E. ROBINSON STREET, SUITE 245  
 ORLANDO, FL 32801-1949  
 PH (407) 422-0353 FAX (407) 423-2695  
 CERTIFICATE OF AUTHORIZATION NO. 000002

| STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      |
|--|----------|----------------------|
| ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |
| 429  | SEMINOLE | 240200-2-52-01       |

**DRAINAGE STRUCTURES**

SHEET NO.  
 457

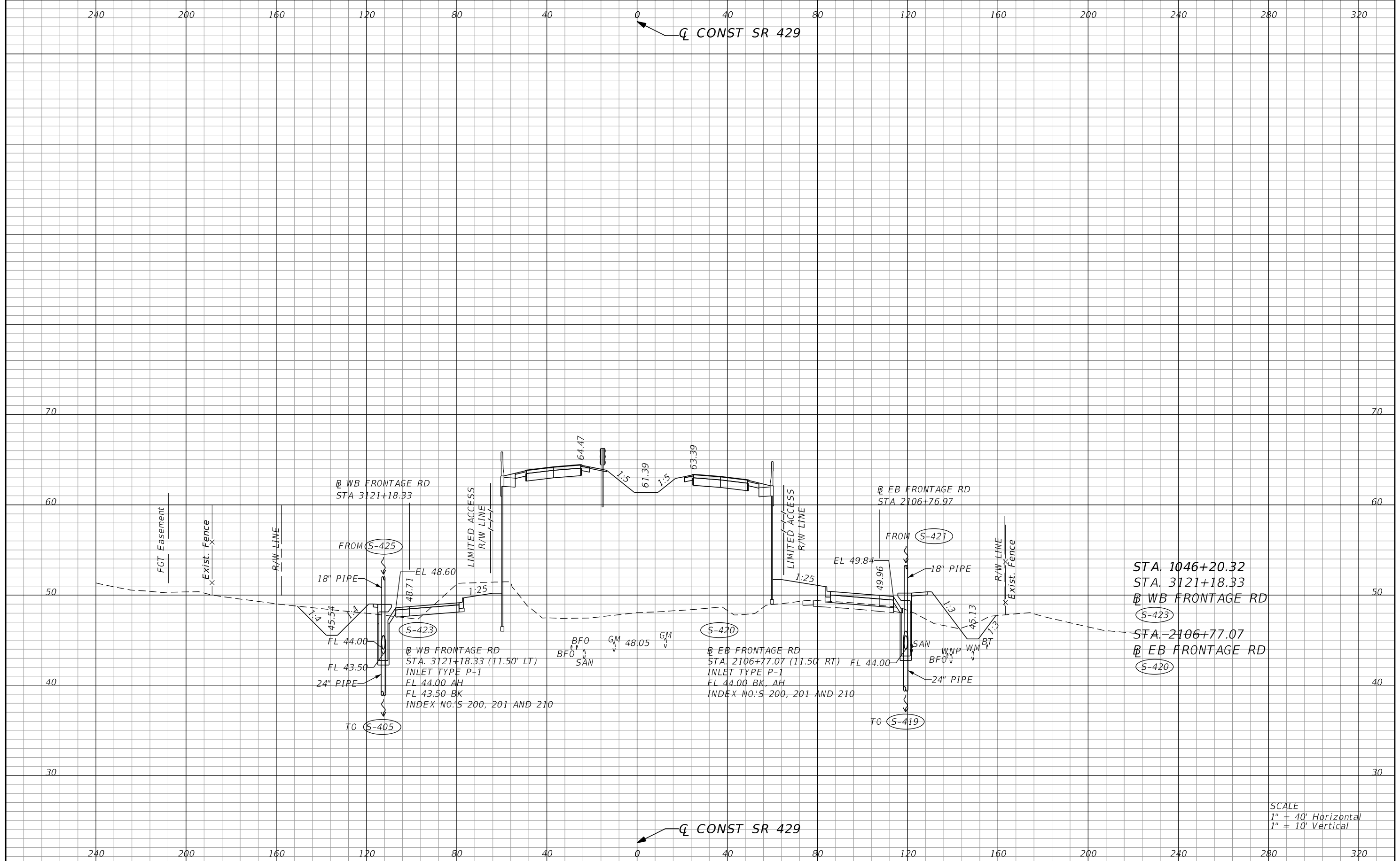




SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |             | DATE |             | DESCRIPTION |             |
|-----------|-------------|------|-------------|-------------|-------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION | DATE        | DESCRIPTION |
|           |             |      |             |             |             |

|  |          |                      |  |  |  |                            |                             |
|--|----------|----------------------|--|--|--|----------------------------|-----------------------------|
| DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 |          |                      | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |  |  | <b>DRAINAGE STRUCTURES</b> | SHEET NO.<br><br><b>458</b> |
| ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |  |  |  |                            |                             |
| 429  | SEMINOLE | 240200-2-52-01       |  |  |  |                            |                             |



| REVISIONS |             |      |             |
|-----------|-------------|------|-------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |
|           |             |      |             |

DUSTIN E. PERKINS  
P.E. LICENSE NO. 69225  
URS CORPORATION  
315 E. ROBINSON STREET, SUITE 245  
ORLANDO, FL 32801-1949  
PH (407) 422-0353 FAX (407) 423-2695  
CERTIFICATE OF AUTHORIZATION NO. 000002

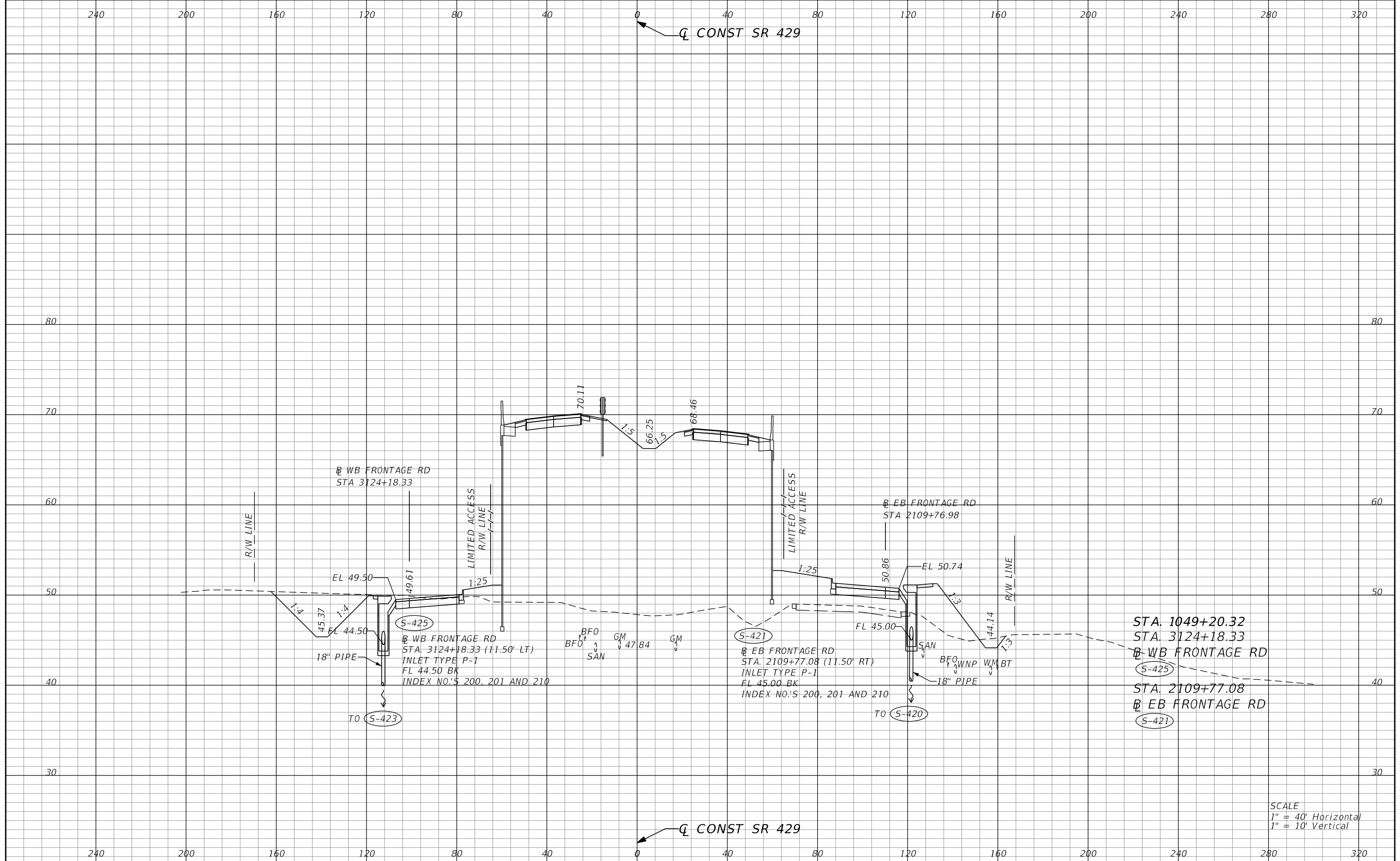
| STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      |
|--|----------|----------------------|
| ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |
| 429  | SEMINOLE | 240200-2-52-01       |

**DRAINAGE STRUCTURES**

SHEET NO.  
**459**

SCALE  
1" = 40' Horizontal  
1" = 10' Vertical

10/13/2015 2:16:09 PM 0:\Projects\CADD\24020025201\drainage\Xsect\DRXSRD01\_YL2.DGN

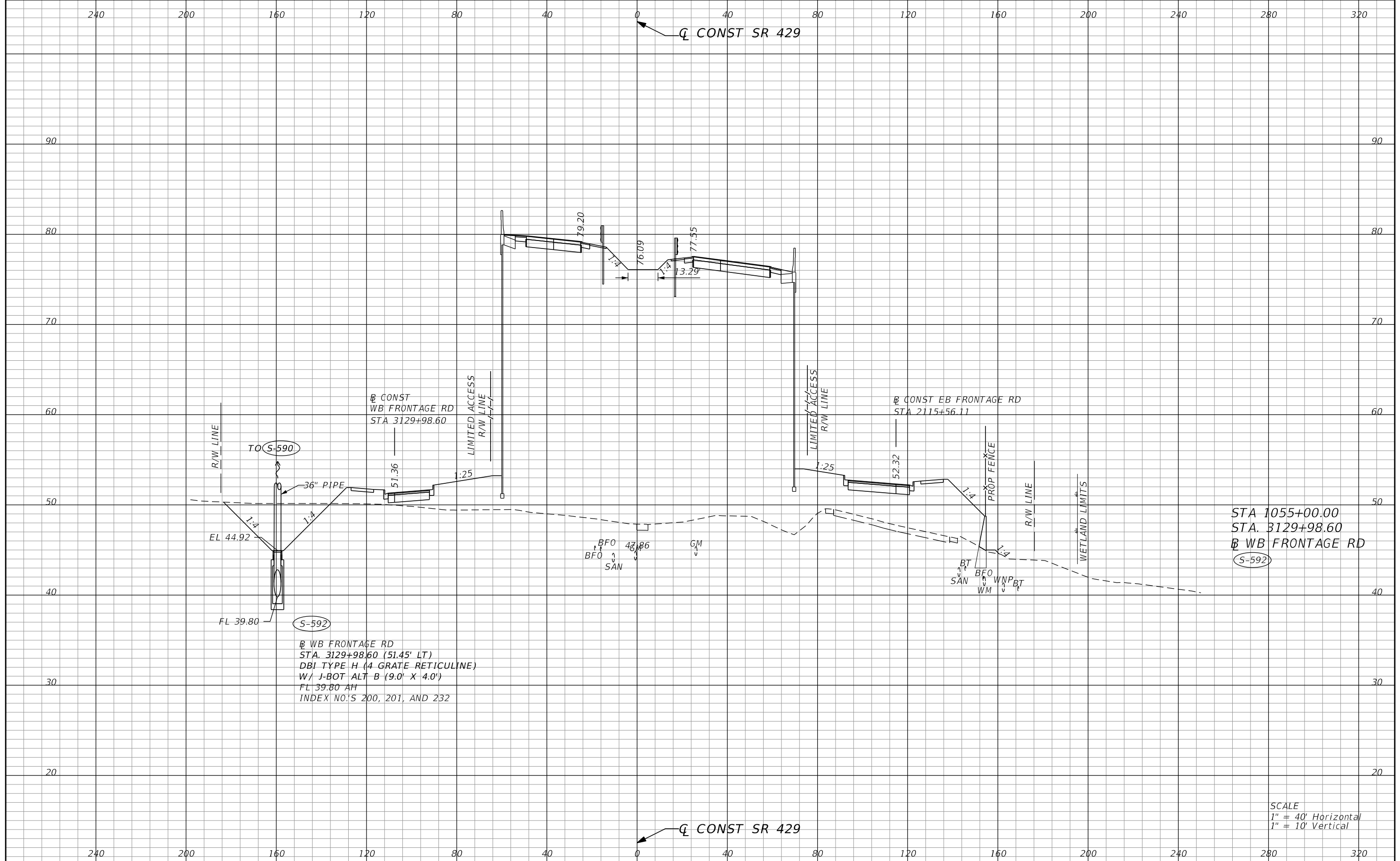


SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |             | DATE |             | DESCRIPTION |  |
|-----------|-------------|------|-------------|-------------|--|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |             |  |
|           |             |      |             |             |  |

|  |          |                      |  |  |  |                            |                             |
|--|----------|----------------------|--|--|--|----------------------------|-----------------------------|
| DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 |          |                      | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |  |  | <b>DRAINAGE STRUCTURES</b> | SHEET NO.<br><br><b>460</b> |
| ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |  |  |  |                            |                             |
| 429  | SEMINOLE | 240200-2-52-01       |  |  |  |                            |                             |

glen\_dvorovy 10/13/2015 2:16:10 PM 0:\Projects\CADD\24020025201\drainage\Xsect\DRXSRD01\_YL2.DGN

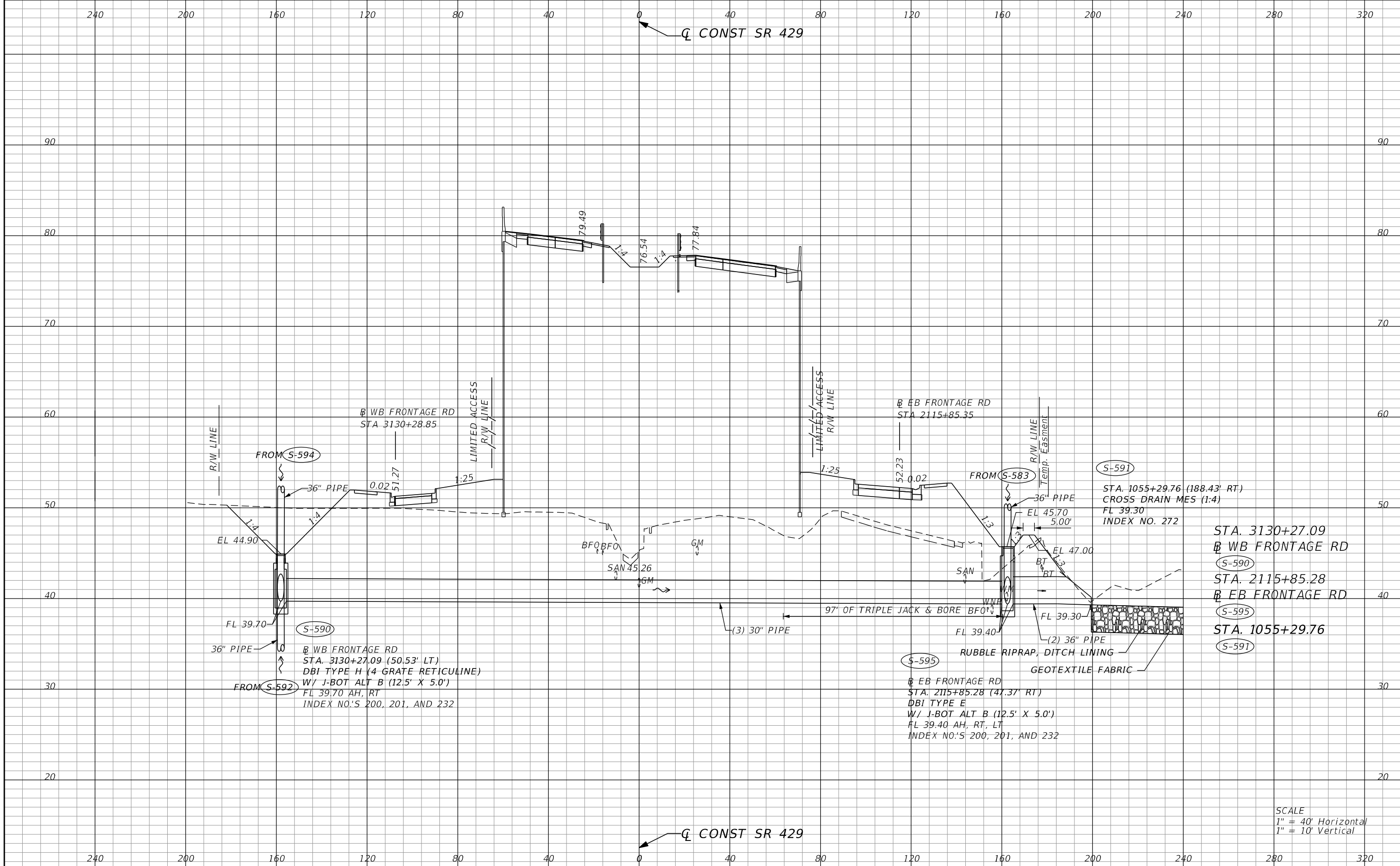


STA 1055+00.00  
 STA. 3129+98.60  
 WB FRONTAGE RD  
 S-592

WB FRONTAGE RD  
 STA. 3129+98.60 (51.45' LT)  
 DBI TYPE H (4 GRATE RETICULINE)  
 W/ J-BOT ALT B (9.0' X 4.0')  
 FL 39.80 AH  
 INDEX NO.'S 200, 201, AND 232

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |             |      |             | DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |                |                      | <b>DRAINAGE STRUCTURES</b> | SHEET<br>NO.<br><br>461 |
|-----------|-------------|------|-------------|--|--|----------------|----------------------|----------------------------|-------------------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |  | ROAD NO.   | COUNTY         | FINANCIAL PROJECT ID |                            |                         |
|           |             |      |             | 429  | SEMINOLE   | 240200-2-52-01 |                      |                            |                         |



SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

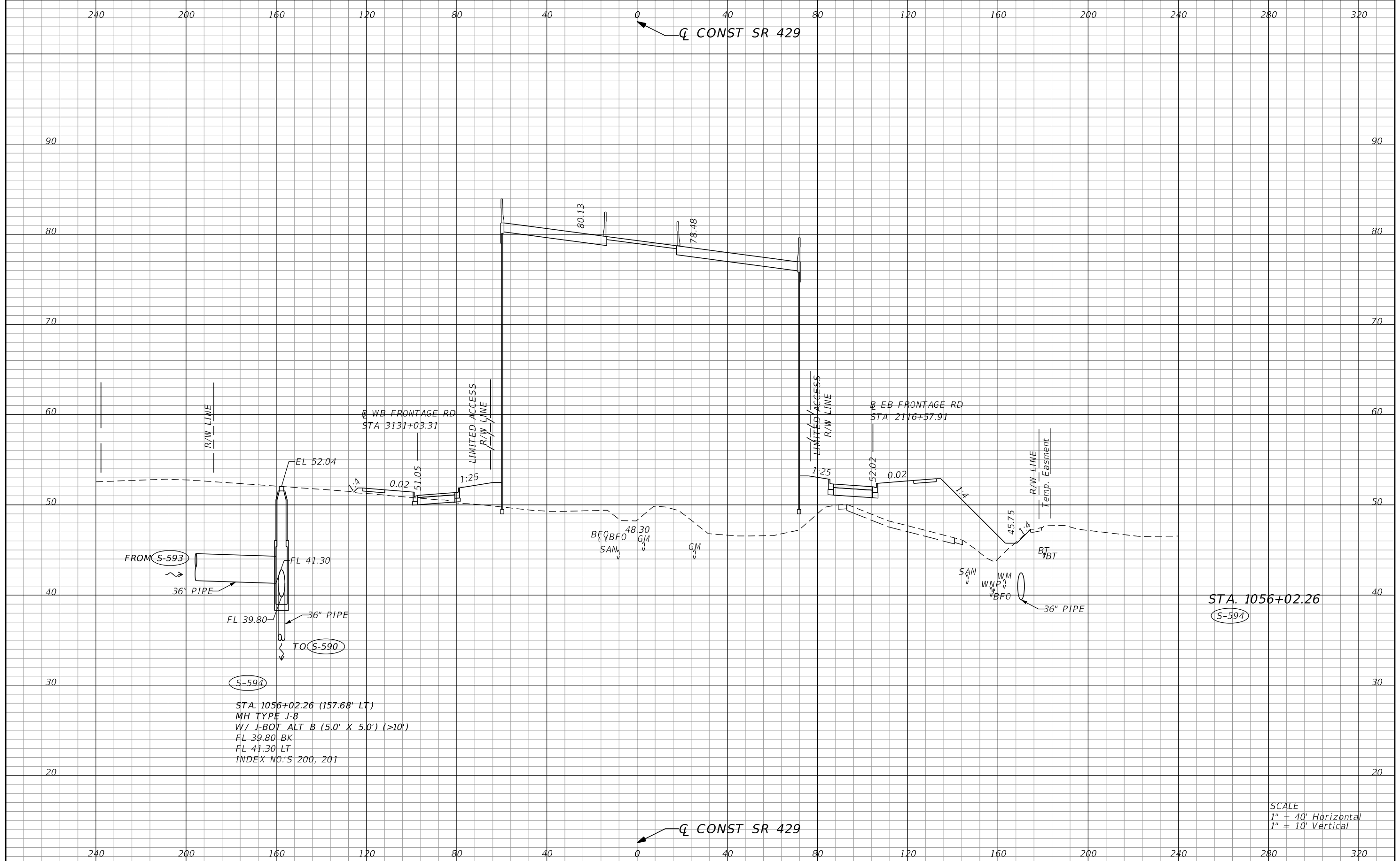
| REVISIONS |             | REVISIONS |             |
|-----------|-------------|-----------|-------------|
| DATE      | DESCRIPTION | DATE      | DESCRIPTION |
|           |             |           |             |

DUSTIN E. PERKINS  
 P.E. LICENSE NO. 69225  
 URS CORPORATION  
 315 E. ROBINSON STREET, SUITE 245  
 ORLANDO, FL 32801-1949  
 PH (407) 422-0353 FAX (407) 423-2695  
 CERTIFICATE OF AUTHORIZATION NO. 000002

| STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      |
|--|----------|----------------------|
| ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |
| 429  | SEMINOLE | 240200-2-52-01       |

# DRAINAGE STRUCTURES

SHEET NO.  
**462**

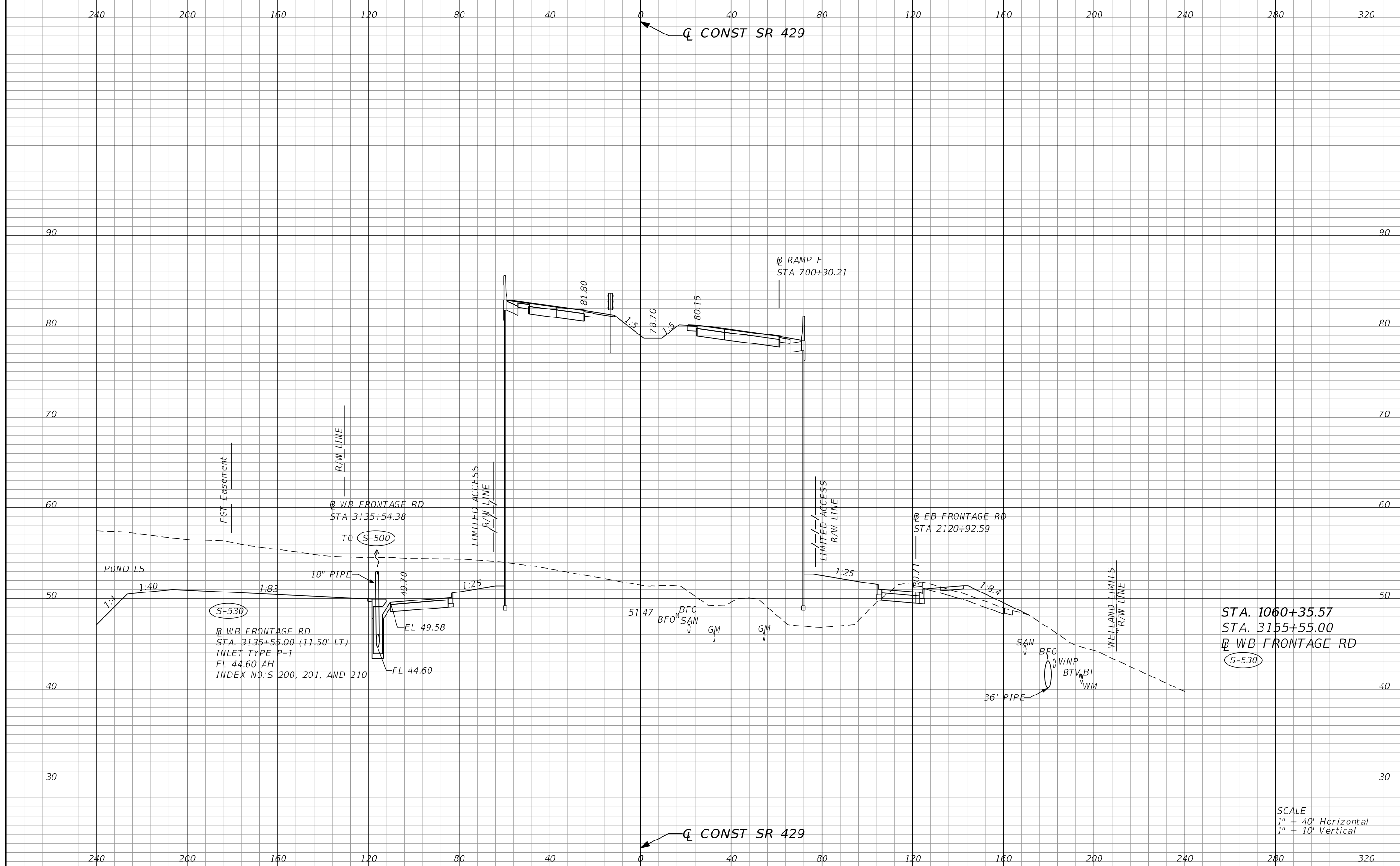


STA. 1056+02.26 (157.68' LT)  
 MH TYPE J-8  
 W/ J-BOT ALT B (5.0' X 5.0') (>10')  
 FL 39.80 BK  
 FL 41.30 LT  
 INDEX NO.'S 200, 201

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |             |      |             | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      | SHEET<br>NO. |
|-----------|-------------|------|-------------|--|----------|----------------------|--------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION | ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |              |
|           |             |      |             | 429  | SEMINOLE | 240200-2-52-01       | 463          |

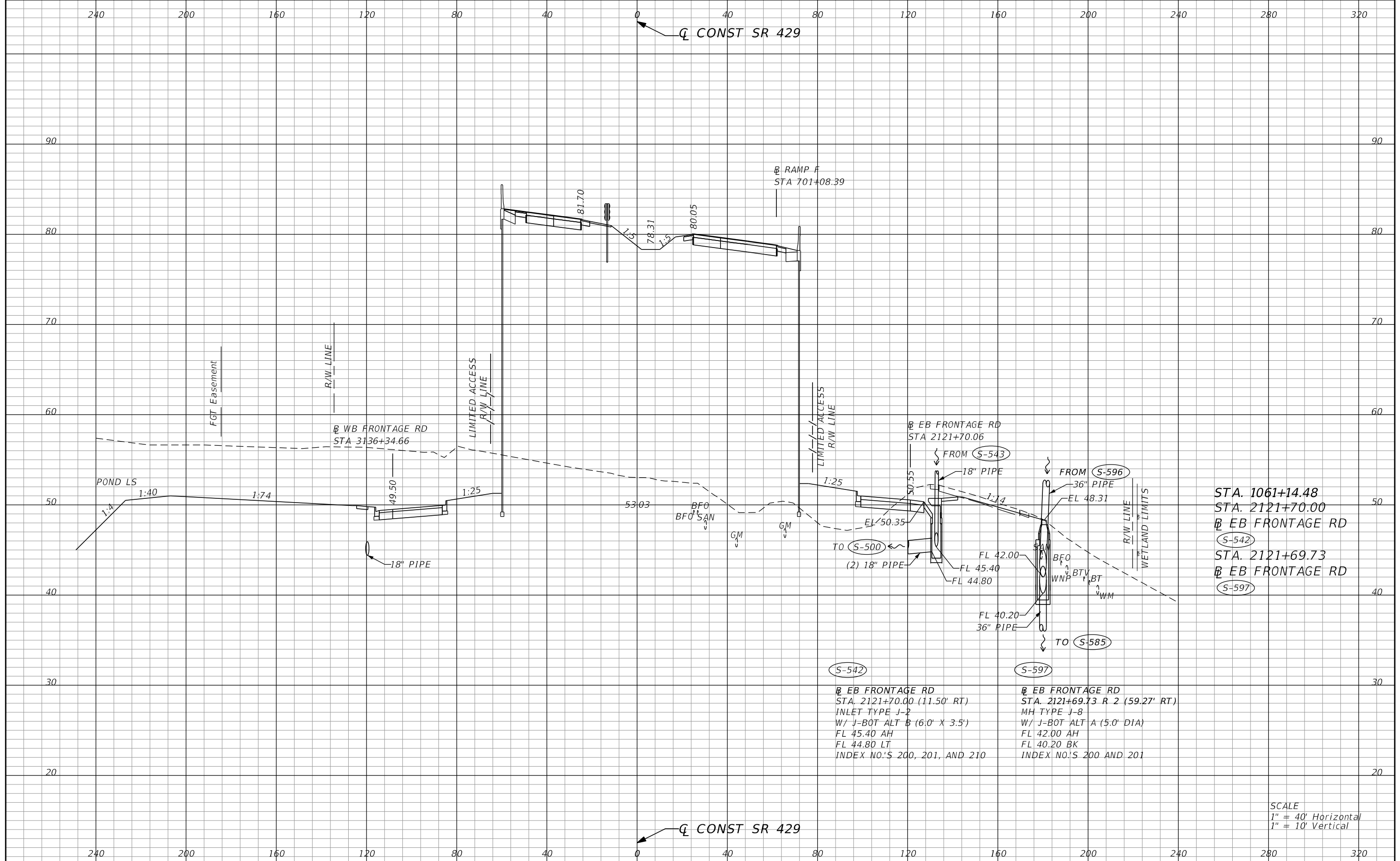
DUSTIN E. PERKINS  
 P.E. LICENSE NO. 69225  
 URS CORPORATION  
 315 E. ROBINSON STREET, SUITE 245  
 ORLANDO, FL 32801-1949  
 PH (407) 422-0353 FAX (407) 423-2695  
 CERTIFICATE OF AUTHORIZATION NO. 000002



STA. 1060+35.57  
 STA. 3155+55.00  
 WB FRONTAGE RD  
 S-530

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |             |      |             | DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |                |                            | SHEET<br>NO.<br><br><b>464</b> |
|-----------|-------------|------|-------------|--|--|----------------|----------------------------|--------------------------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |  | ROAD NO.   | COUNTY         | FINANCIAL PROJECT ID       |                                |
|           |             |      |             | 429  | SEMINOLE   | 240200-2-52-01 | <b>DRAINAGE STRUCTURES</b> |                                |



STA. 1061+14.48  
 STA. 2121+70.00  
 EB FRONTAGE RD  
 S-542  
 STA. 2121+69.73  
 EB FRONTAGE RD  
 S-597

S-542  
 EB FRONTAGE RD  
 STA. 2121+70.00 (11.50' RT)  
 INLET TYPE J-2  
 W/ J-BOT ALT B (6.0' X 3.5')  
 FL 45.40 AH  
 FL 44.80 LT  
 INDEX NO.'S 200, 201, AND 210

S-597  
 EB FRONTAGE RD  
 STA. 2121+69.73 R 2 (59.27' RT)  
 MH TYPE J-8  
 W/ J-BOT ALT A (5.0' DIA)  
 FL 42.00 AH  
 FL 40.20 BK  
 INDEX NO.'S 200 AND 201

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |             |      |             |
|-----------|-------------|------|-------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |
|           |             |      |             |

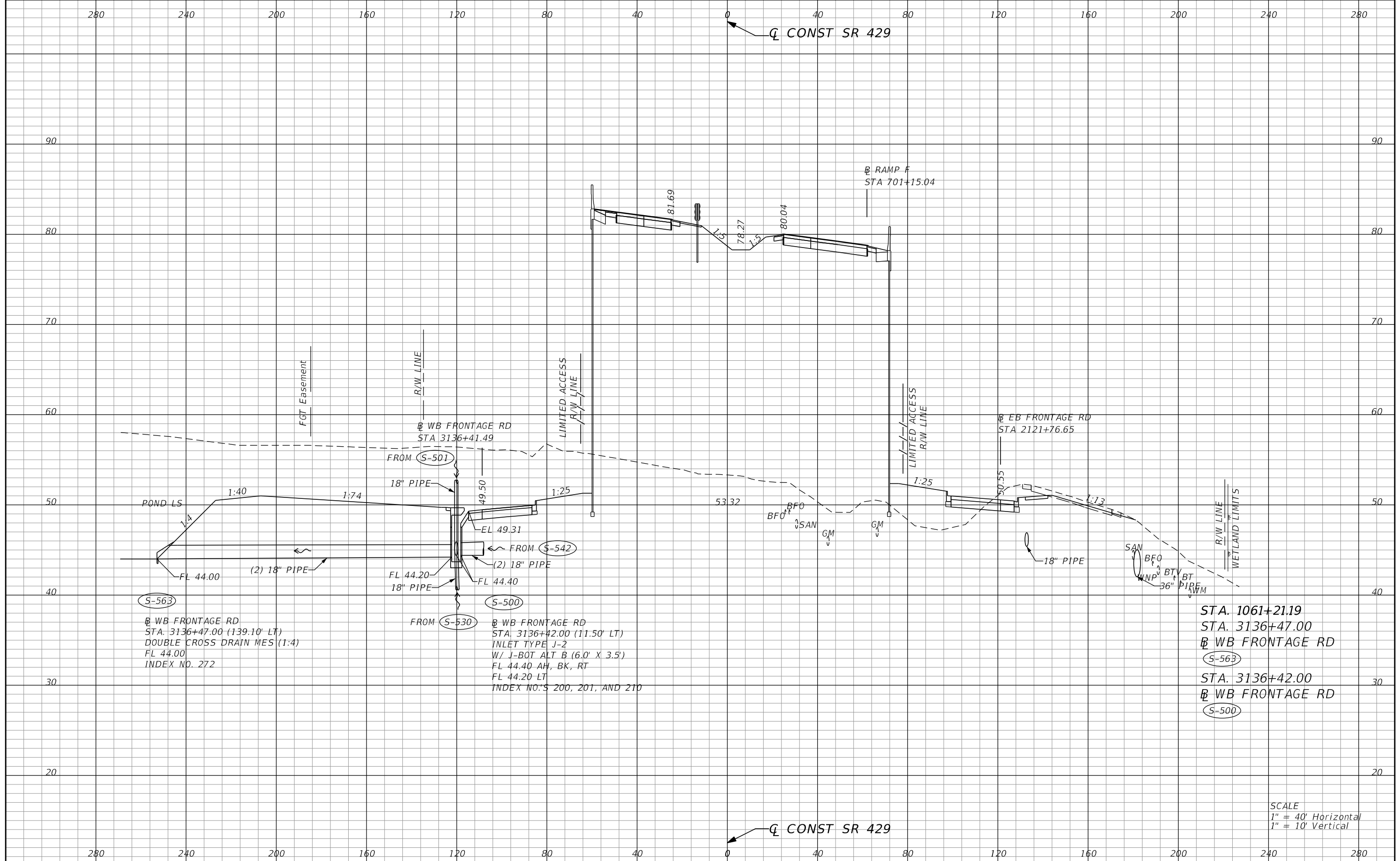
DUSTIN E. PERKINS  
 P.E. LICENSE NO. 69225  
 URS CORPORATION  
 315 E. ROBINSON STREET, SUITE 245  
 ORLANDO, FL 32801-1949  
 PH (407) 422-0353 FAX (407) 423-2695  
 CERTIFICATE OF AUTHORIZATION NO. 000002

| STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      |
|--|----------|----------------------|
| ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |
| 429  | SEMINOLE | 240200-2-52-01       |

**DRAINAGE STRUCTURES**

SHEET NO.  
 465





(S-563)  
 @ WB FRONTAGE RD  
 STA. 3136+47.00 (139.10' LT)  
 DOUBLE CROSS DRAIN MES (1:4)  
 FL 44.00  
 INDEX NO. 272

FROM (S-530) @ WB FRONTAGE RD  
 STA. 3136+42.00 (11.50' LT)  
 INLET TYPE J-2  
 W/ J-BOT ALT B (6.0' X 3.5')  
 FL 44.40 AH, BK, RT  
 FL 44.20 LT  
 INDEX NO'S 200, 201, AND 210

STA. 1061+21.19  
 STA. 3136+47.00  
 @ WB FRONTAGE RD  
 (S-563)  
 STA. 3136+42.00  
 @ WB FRONTAGE RD  
 (S-500)

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

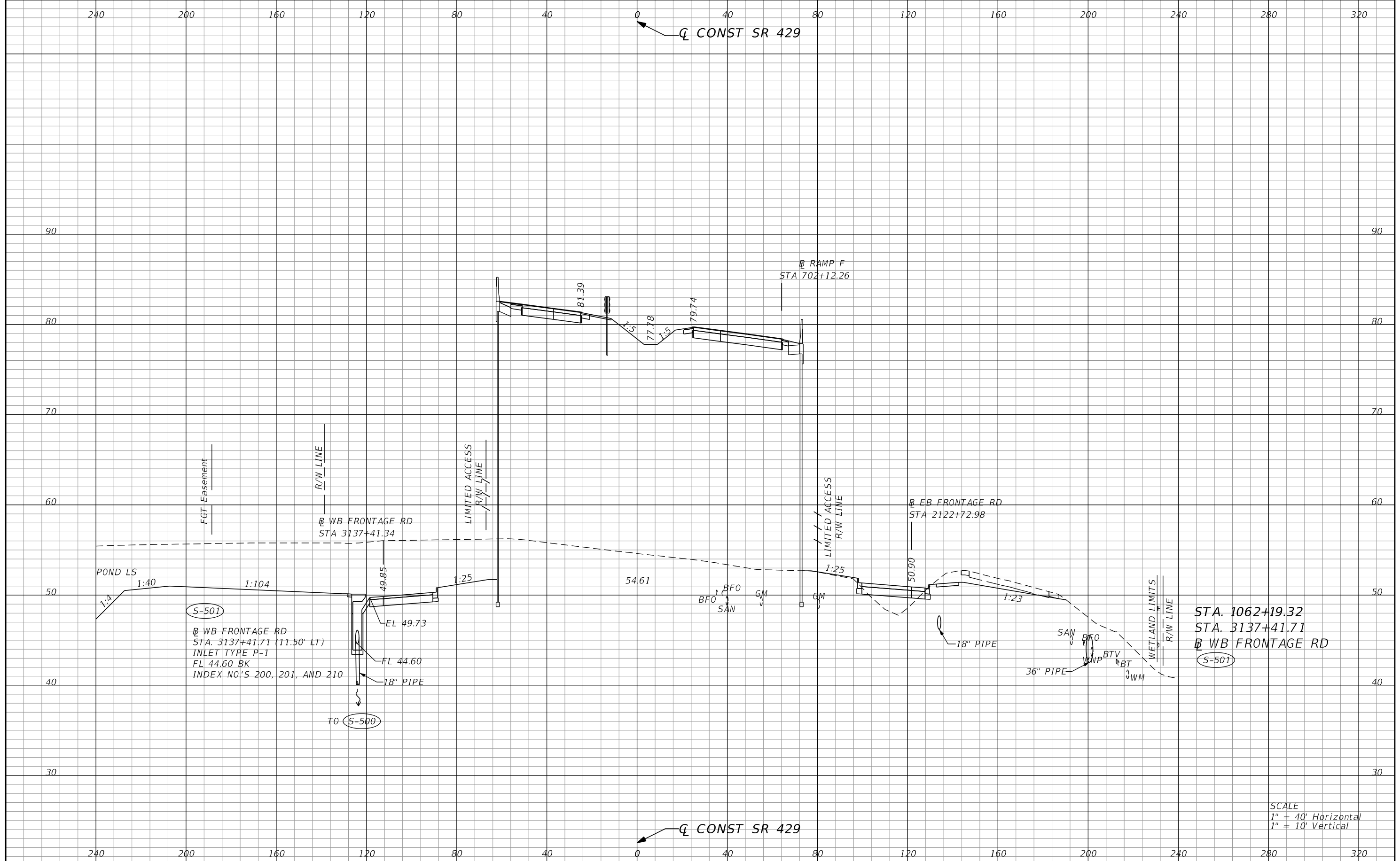
| REVISIONS |             |      |             |
|-----------|-------------|------|-------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |
|           |             |      |             |

DUSTIN E. PERKINS  
 P.E. LICENSE NO. 69225  
 URS CORPORATION  
 315 E. ROBINSON STREET, SUITE 245  
 ORLANDO, FL 32801-1949  
 PH (407) 422-0353 FAX (407) 423-2695  
 CERTIFICATE OF AUTHORIZATION NO. 000002

| STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      |
|--|----------|----------------------|
| ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |
| 429  | SEMINOLE | 240200-2-52-01       |

**DRAINAGE STRUCTURES**

SHEET NO.  
**466**



| REVISIONS |             |      |             |
|-----------|-------------|------|-------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |
|           |             |      |             |

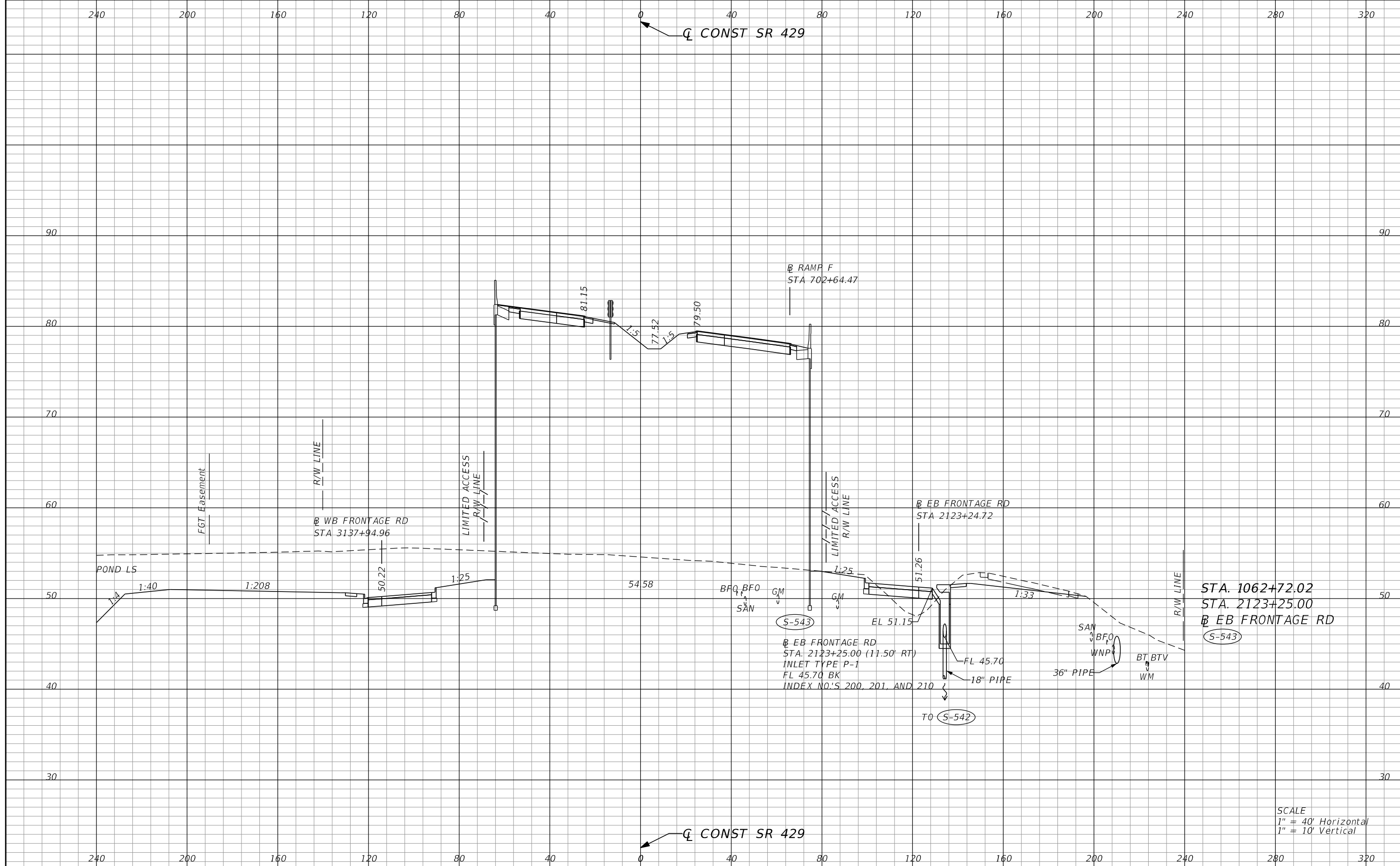
DUSTIN E. PERKINS  
P.E. LICENSE NO. 69225  
URS CORPORATION  
315 E. ROBINSON STREET, SUITE 245  
ORLANDO, FL 32801-1949  
PH (407) 422-0353 FAX (407) 423-2695  
CERTIFICATE OF AUTHORIZATION NO. 000002

|  |          |                      |
|--|----------|----------------------|
| STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      |
| ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |
| 429  | SEMINOLE | 240200-2-52-01       |

**DRAINAGE STRUCTURES**

SHEET NO.  
**467**

SCALE  
1" = 40' Horizontal  
1" = 10' Vertical



STA. 1062+72.02  
 STA. 2123+25.00  
 EB FRONTAGE RD  
 S-543

EB FRONTAGE RD  
 STA. 2123+25.00 (11.50' RT)  
 INLET TYPE P-1  
 FL 45.70 BK  
 INDEX NO.'S 200, 201, AND 210  
 TO S-542

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

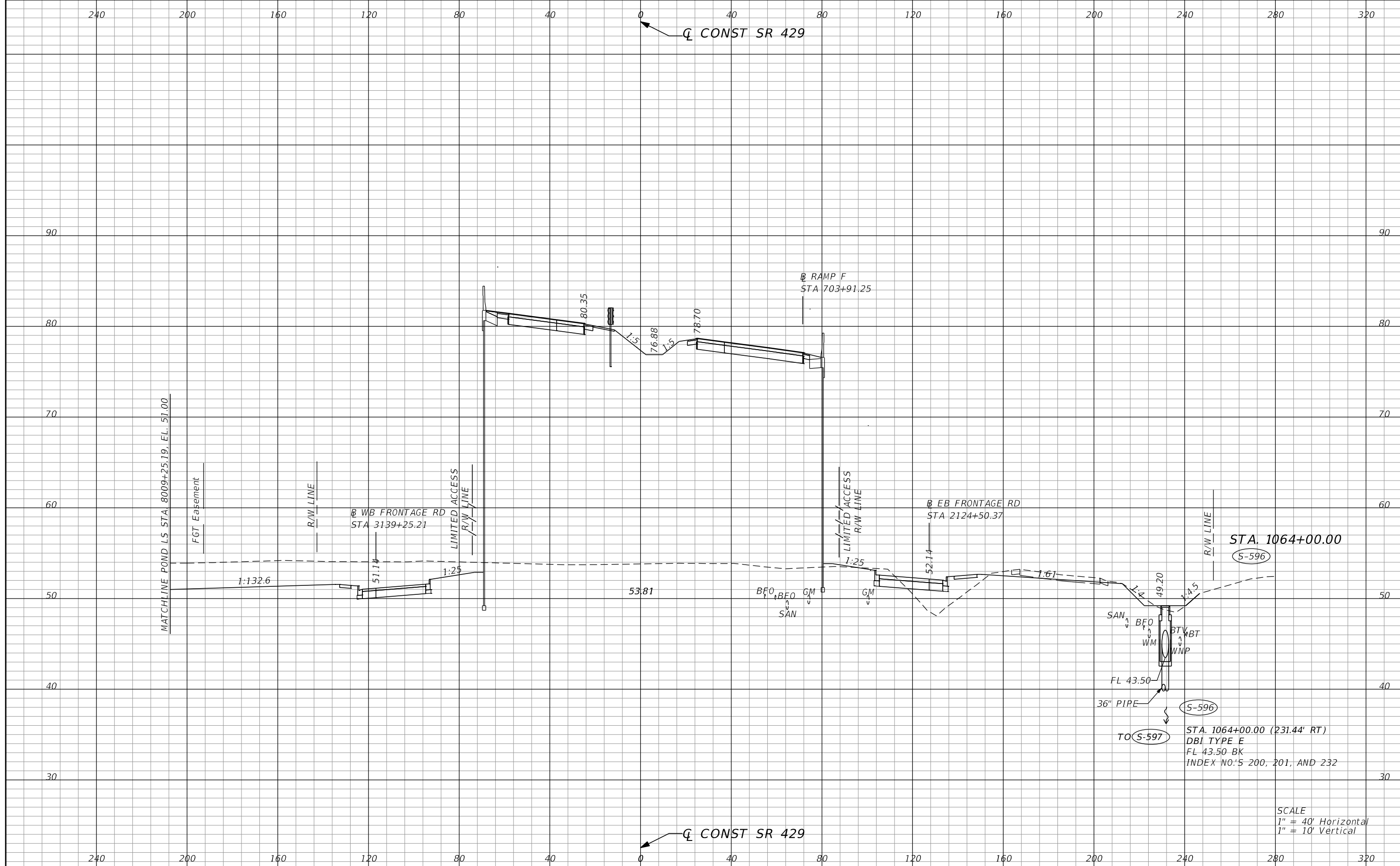
| REVISIONS |             |      |             |
|-----------|-------------|------|-------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |
|           |             |      |             |

DUSTIN E. PERKINS  
 P.E. LICENSE NO. 69225  
 URS CORPORATION  
 315 E. ROBINSON STREET, SUITE 245  
 ORLANDO, FL 32801-1949  
 PH (407) 422-0353 FAX (407) 423-2695  
 CERTIFICATE OF AUTHORIZATION NO. 000002

| STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      |
|--|----------|----------------------|
| ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |
| 429  | SEMINOLE | 240200-2-52-01       |

**DRAINAGE STRUCTURES**

SHEET NO.  
 468



STA. 1064+00.00  
 (S-596)  
 SAN  
 BFO  
 WM  
 BTV  
 BT  
 WNP  
 FL 43.50  
 36" PIPE  
 TO (S-597)  
 STA. 1064+00.00 (231.44' RT)  
 DBI TYPE E  
 FL 43.50 BK  
 INDEX NO'S 200, 201, AND 232

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

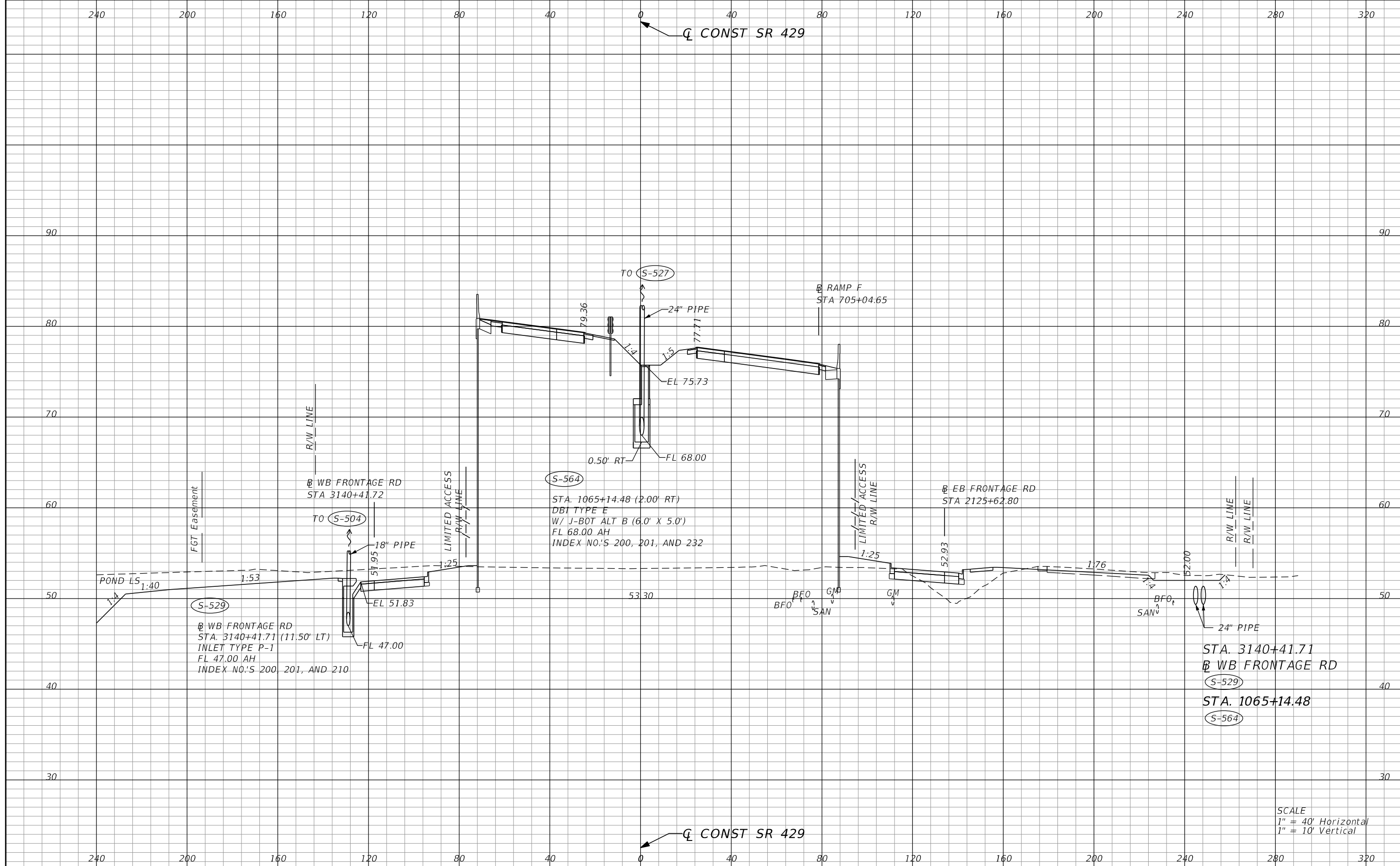
| REVISIONS |             |      |             |
|-----------|-------------|------|-------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |
|           |             |      |             |

DUSTIN E. PERKINS  
 P.E. LICENSE NO. 69225  
 URS CORPORATION  
 315 E. ROBINSON STREET, SUITE 245  
 ORLANDO, FL 32801-1949  
 PH (407) 422-0353 FAX (407) 423-2695  
 CERTIFICATE OF AUTHORIZATION NO. 000002

| STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      |
|--|----------|----------------------|
| ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |
| 429  | SEMINOLE | 240200-2-52-01       |

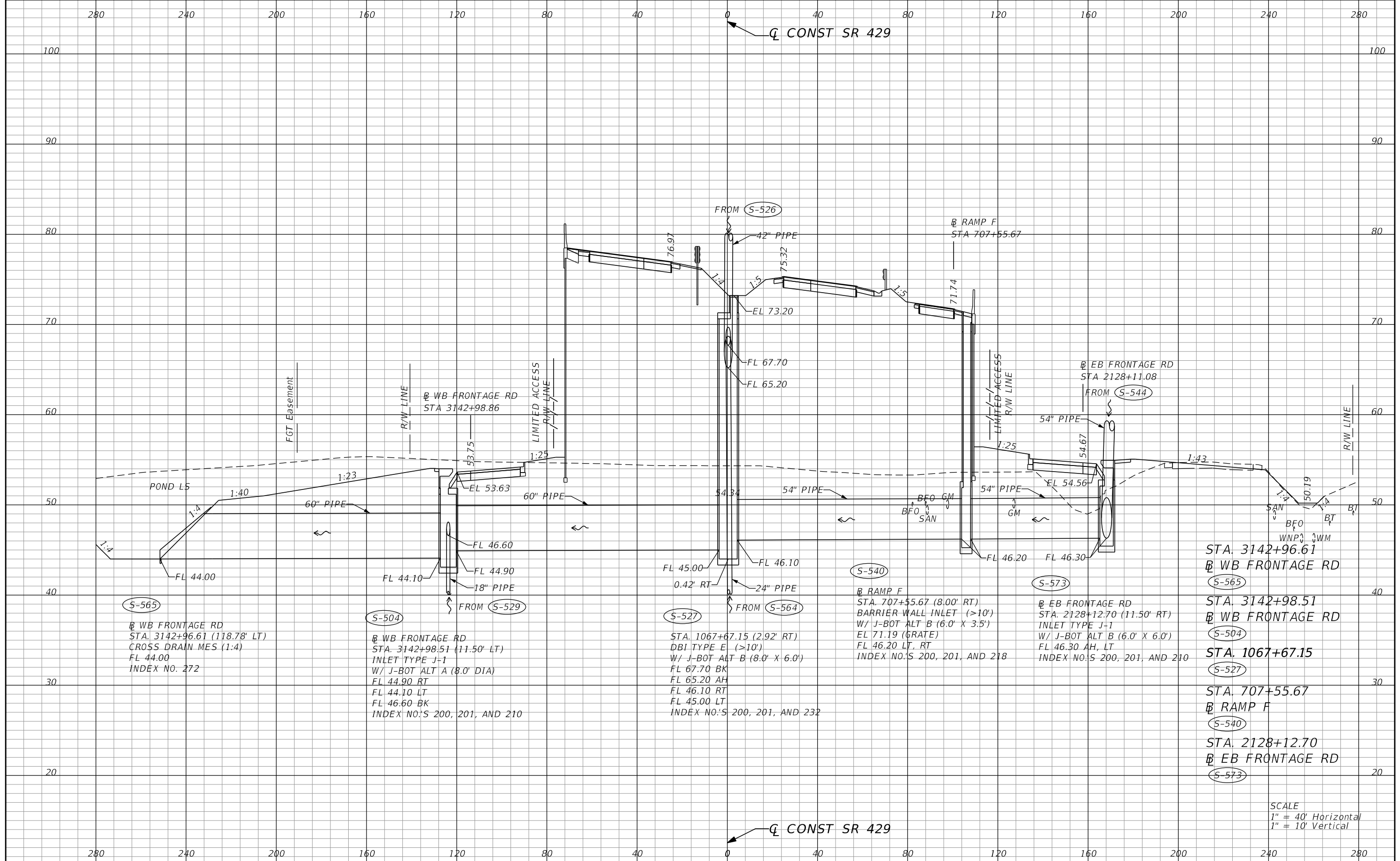
**DRAINAGE STRUCTURES**

SHEET NO.  
 469



SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS                  |             | DATE |  | DESCRIPTION  |                         |
|----------------------------|-------------|------|--|--|-------------------------|
| DATE                       | DESCRIPTION | DATE | DESCRIPTION                                      |  |                         |
|                            |             |      |  | DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 |                         |
|                            |             |      | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |  |                         |
|                            |             |      | ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID    |
|                            |             |      | 429  | SEMINOLE   | 240200-2-52-01          |
| <b>DRAINAGE STRUCTURES</b> |             |      |  |  | SHEET NO.<br><b>470</b> |



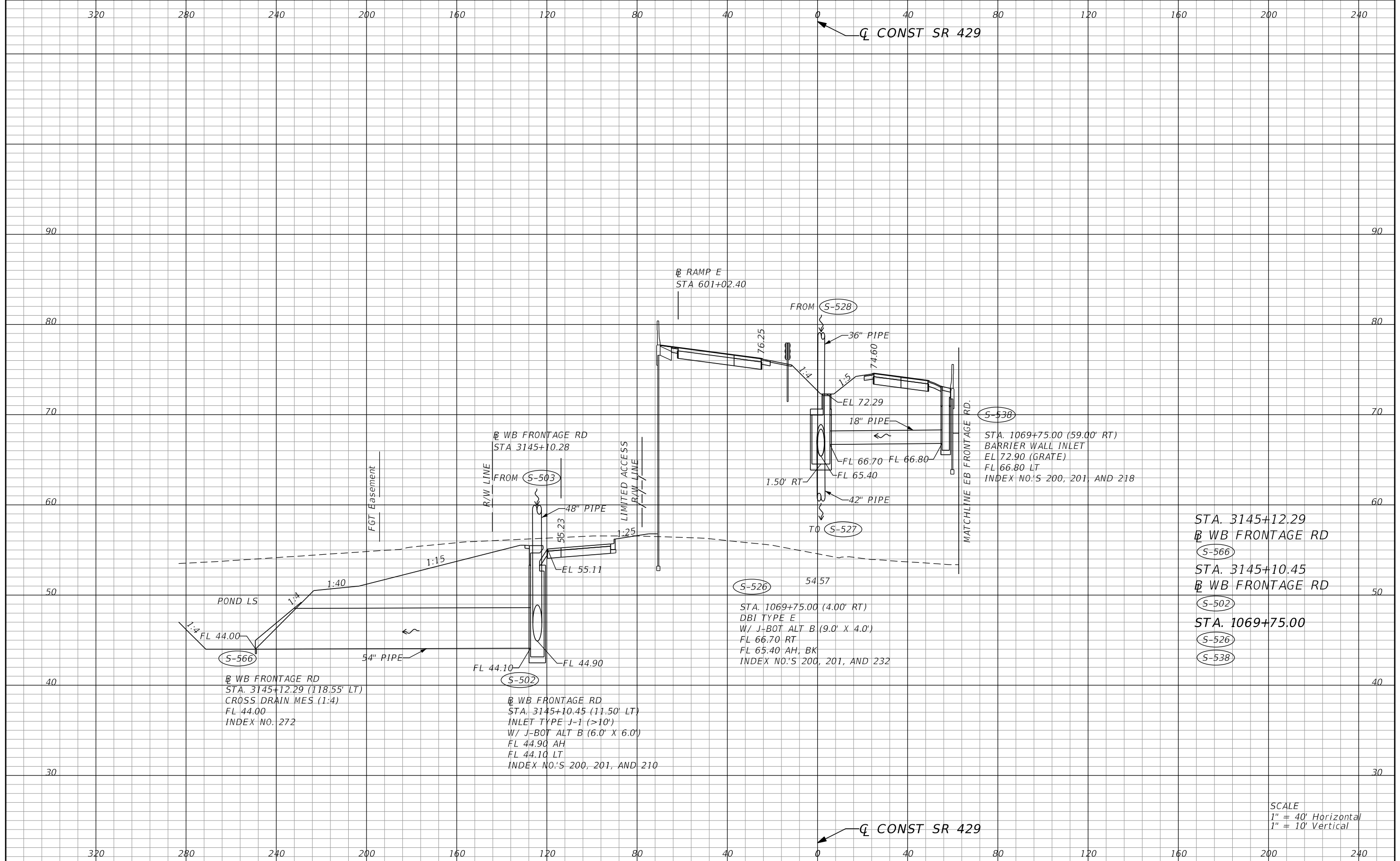
- STA. 3142+96.61  
WB FRONTAGE RD  
S-565
- STA. 3142+98.51  
WB FRONTAGE RD  
S-504
- STA. 1067+67.15  
S-527
- STA. 707+55.67  
RAMP F  
S-540
- STA. 2128+12.70  
EB FRONTAGE RD  
S-573

SCALE  
1" = 40' Horizontal  
1" = 10' Vertical

| REVISIONS |             |      |             | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      | <b>DRAINAGE STRUCTURES</b> | SHEET<br>NO.<br><br>471 |
|-----------|-------------|------|-------------|--|----------|----------------------|----------------------------|-------------------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION | ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |                            |                         |
|           |             |      |             | 429  | SEMINOLE | 240200-2-52-01       |                            |                         |

DUSTIN E. PERKINS  
P.E. LICENSE NO. 69225  
URS CORPORATION  
315 E. ROBINSON STREET, SUITE 245  
ORLANDO, FL 32801-1949  
PH (407) 422-0353 FAX (407) 423-2695  
CERTIFICATE OF AUTHORIZATION NO. 000002

glen\_dvorovy 10/13/2015 2:16:24 PM 0:\Projects\CADD\24020025201\drainage\Xsect\DRXSRD01\_LS\_429.DGN



STA. 3145+12.29  
 WB FRONTAGE RD  
 S-566  
 STA. 3145+10.45  
 WB FRONTAGE RD  
 S-502  
 STA. 1069+75.00  
 S-526  
 S-538

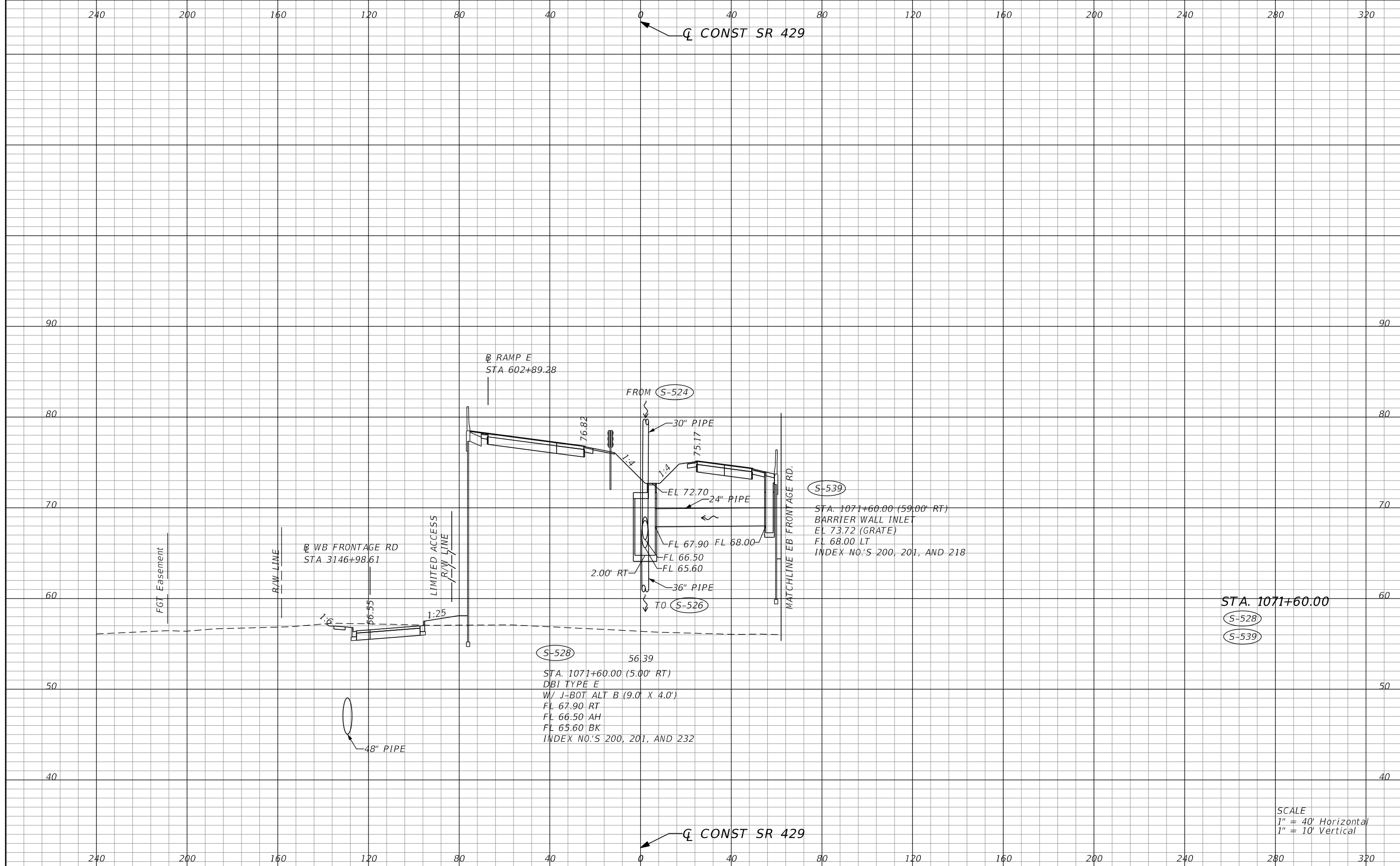
S-526  
 STA. 1069+75.00 (4.00' RT)  
 DBI TYPE E  
 W/ J-BOT ALT B (9.0' X 4.0')  
 FL 66.70 RT  
 FL 65.40 AH, BK  
 INDEX NO.'S 200, 201, AND 232

WB FRONTAGE RD  
 STA. 3145+10.45 (11.50' LT)  
 INLET TYPE J-1 (>10')  
 W/ J-BOT ALT B (6.0' X 6.0')  
 FL 44.90 AH  
 FL 44.10 LT  
 INDEX NO.'S 200, 201, AND 210

WB FRONTAGE RD  
 STA. 3145+12.29 (118.55' LT)  
 CROSS DRAIN MES (1:4)  
 FL 44.00  
 INDEX NO. 272

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS  |             |      |             | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      | SHEET<br>NO. |
|--|-------------|------|-------------|--|----------|----------------------|--------------|
| DATE   | DESCRIPTION | DATE | DESCRIPTION | ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |              |
|  |             |      |             | 429  | SEMINOLE | 240200-2-52-01       | 472          |
| DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 |             |      |             | <b>DRAINAGE STRUCTURES</b>                       |          |                      |              |



S-528  
 STA. 1071+60.00 (5.00' RT)  
 DBI TYPE E  
 W/ J-BOT ALT B (9.0' X 4.0')  
 FL 67.90 RT  
 FL 66.50 AH  
 FL 65.60 BK  
 INDEX NO.'S 200, 201, AND 232

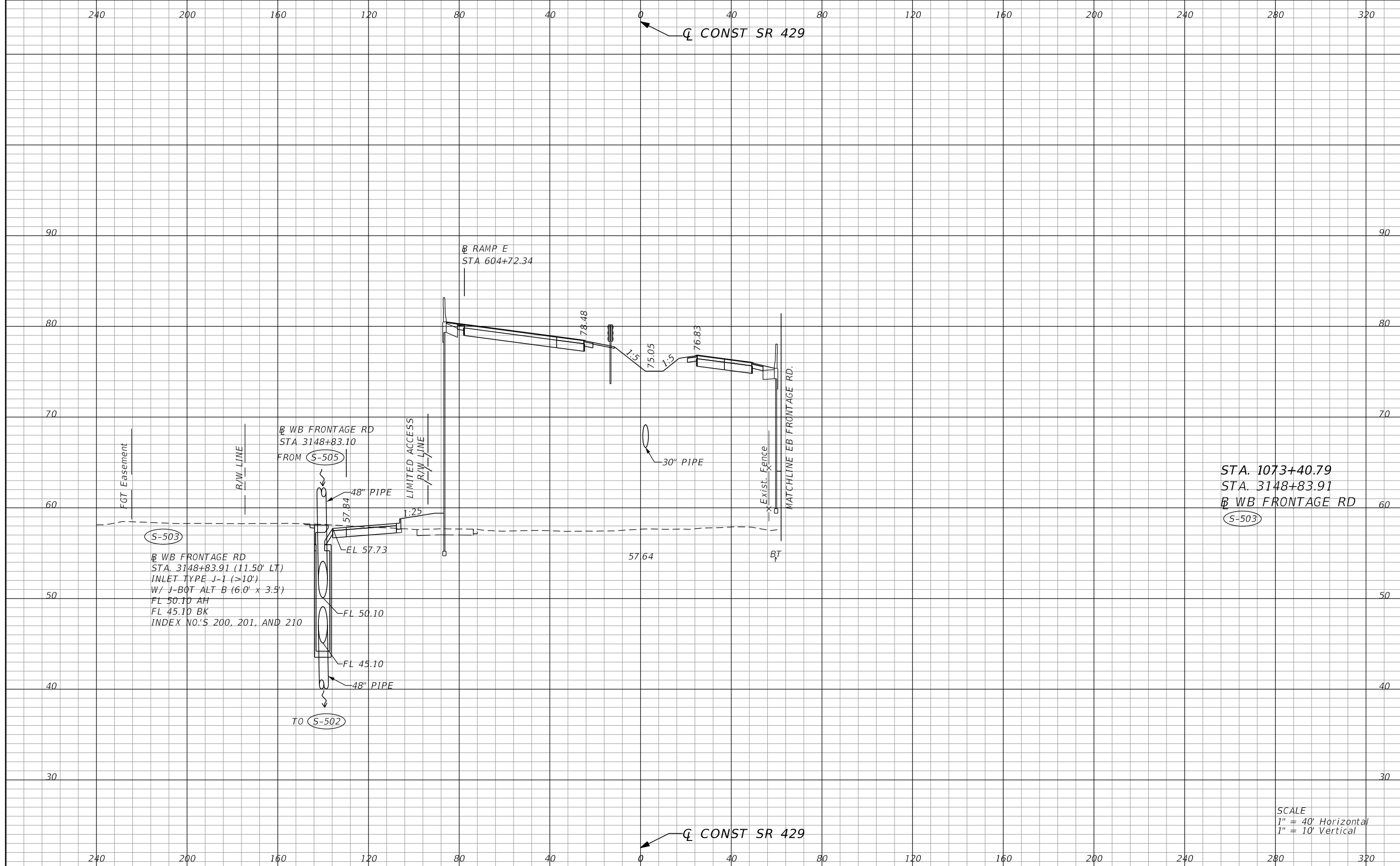
S-539  
 STA. 1071+60.00 (59.00' RT)  
 BARRIER WALL INLET  
 EL 73.72 (GRATE)  
 FL 68.00 LT  
 INDEX NO.'S 200, 201, AND 218

STA. 1071+60.00  
 S-528  
 S-539

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS                  |             | DATE |             | DESCRIPTION  |           |
|----------------------------|-------------|------|-------------|--|-----------|
| DATE                       | DESCRIPTION | DATE | DESCRIPTION |  |           |
|                            |             |      |             | DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 |           |
|                            |             |      |             | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION   |           |
|                            |             |      |             | ROAD NO.   | COUNTY    |
|                            |             |      |             | 429  | SEMINOLE  |
|                            |             |      |             | FINANCIAL PROJECT ID   |           |
|                            |             |      |             | 240200-2-52-01   |           |
| <b>DRAINAGE STRUCTURES</b> |             |      |             |  | SHEET NO. |
|                            |             |      |             |  | 473       |





STA. 1073+40.79  
 STA. 3148+83.91  
 WB FRONTAGE RD  
 S-503

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

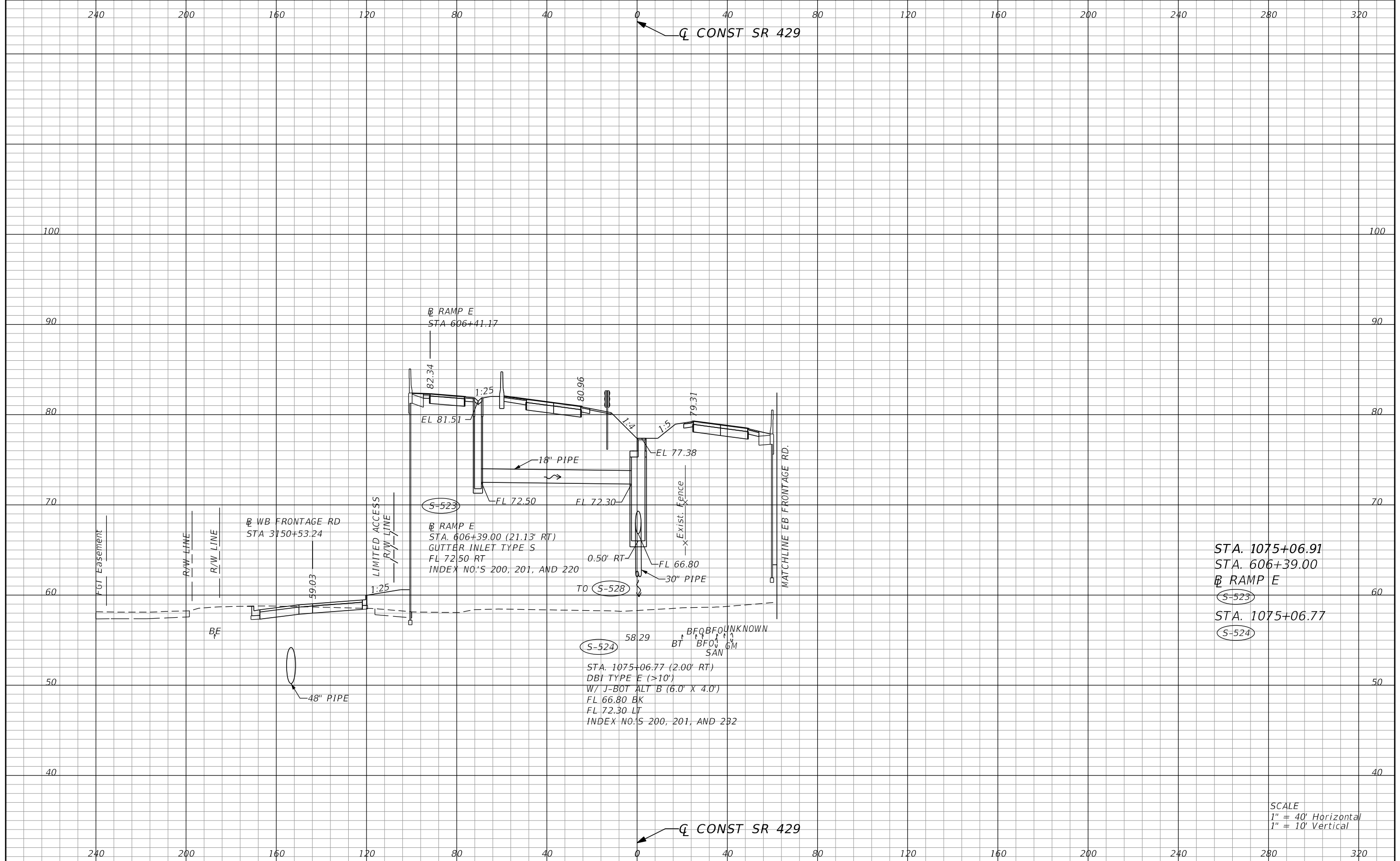
| REVISIONS |             |      |             |
|-----------|-------------|------|-------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |
|           |             |      |             |

DUSTIN E. PERKINS  
 P.E. LICENSE NO. 69225  
 URS CORPORATION  
 315 E. ROBINSON STREET, SUITE 245  
 ORLANDO, FL 32801-1949  
 PH (407) 422-0353 FAX (407) 423-2695  
 CERTIFICATE OF AUTHORIZATION NO. 000002

| STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      |
|--|----------|----------------------|
| ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |
| 429  | SEMINOLE | 240200-2-52-01       |

**DRAINAGE STRUCTURES**

SHEET NO.  
 474

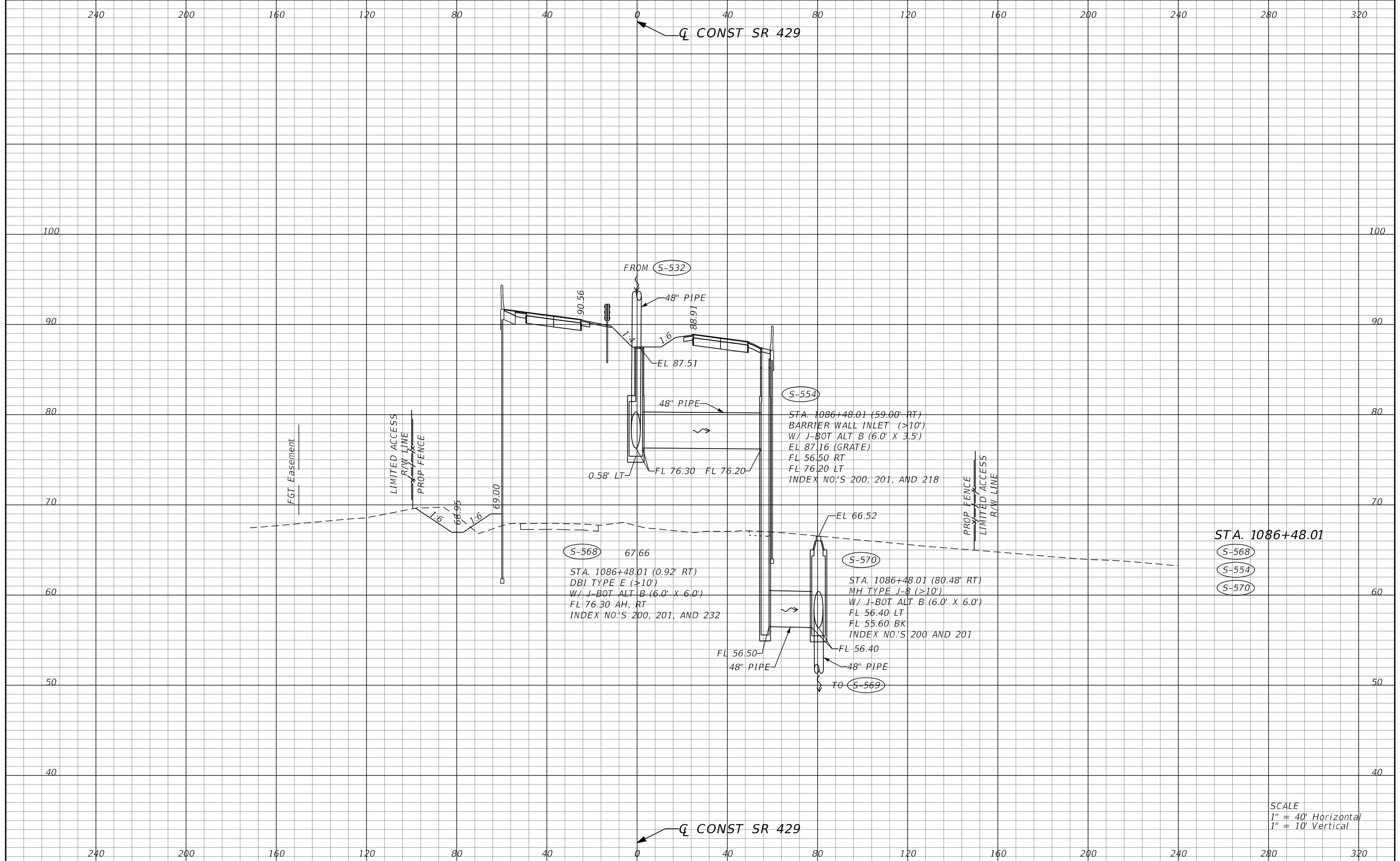


STA. 1075+06.91  
 STA. 606+39.00  
 RAMP E  
 (S-523)  
 STA. 1075+06.77  
 (S-524)

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |             | DATE |             | DESCRIPTION |  |
|-----------|-------------|------|-------------|-------------|--|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |             |  |
|           |             |      |             |             |  |

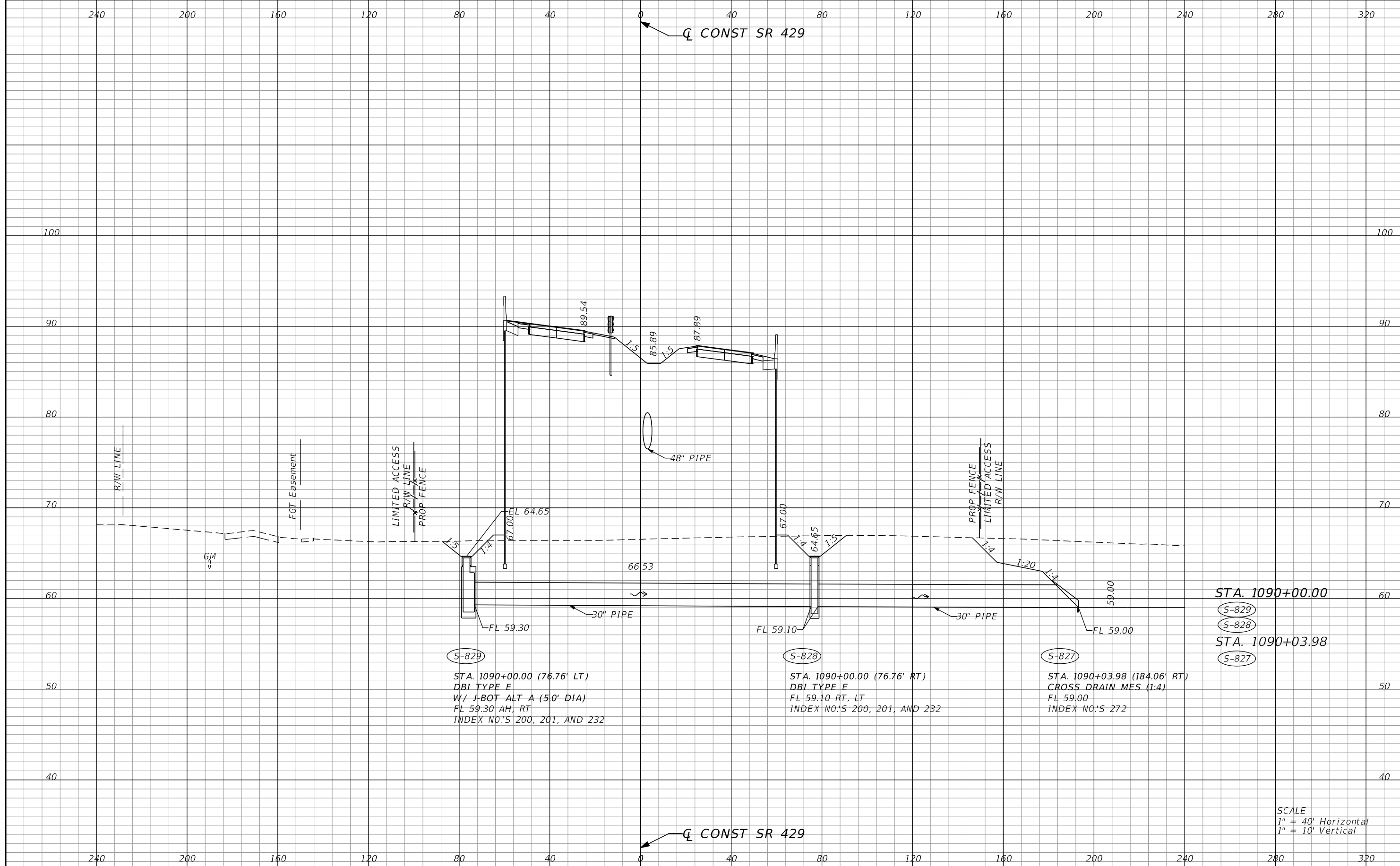
|  |          |                      |  |  |  |                            |                             |
|--|----------|----------------------|--|--|--|----------------------------|-----------------------------|
| DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 |          |                      | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |  |  | <b>DRAINAGE STRUCTURES</b> | SHEET NO.<br><br><b>475</b> |
| ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |  |  |  |                            |                             |
| 429  | SEMINOLE | 240200-2-52-01       |  |  |  |                            |                             |



| REVISIONS |             |      |             | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      | SHEET<br>NO. |
|-----------|-------------|------|-------------|--|----------|----------------------|--------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION | ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |              |
|           |             |      |             | 429  | SEMINOLE | 240200-2-52-01       | 476          |

DUSTIN E. PERKINS  
P.E. LICENSE NO. 69225  
URS CORPORATION  
315 E. ROBINSON STREET, SUITE 245  
ORLANDO, FL 32801-1949  
PH (407) 422-0353 FAX (407) 423-2695  
CERTIFICATE OF AUTHORIZATION NO. 000002

glen\_dvorovy 10/13/2015 2:16:26 PM 0:\Projects\CADD\24020025201\drainage\Xsect\DRXSRD01\_LS\_429.DGN



(S-829)  
 STA. 1090+00.00 (76.76' LT)  
 DBI TYPE E  
 W/ J-BOT ALT A (50' DIA)  
 FL 59.30 AH, RT  
 INDEX NO.'S 200, 201, AND 232

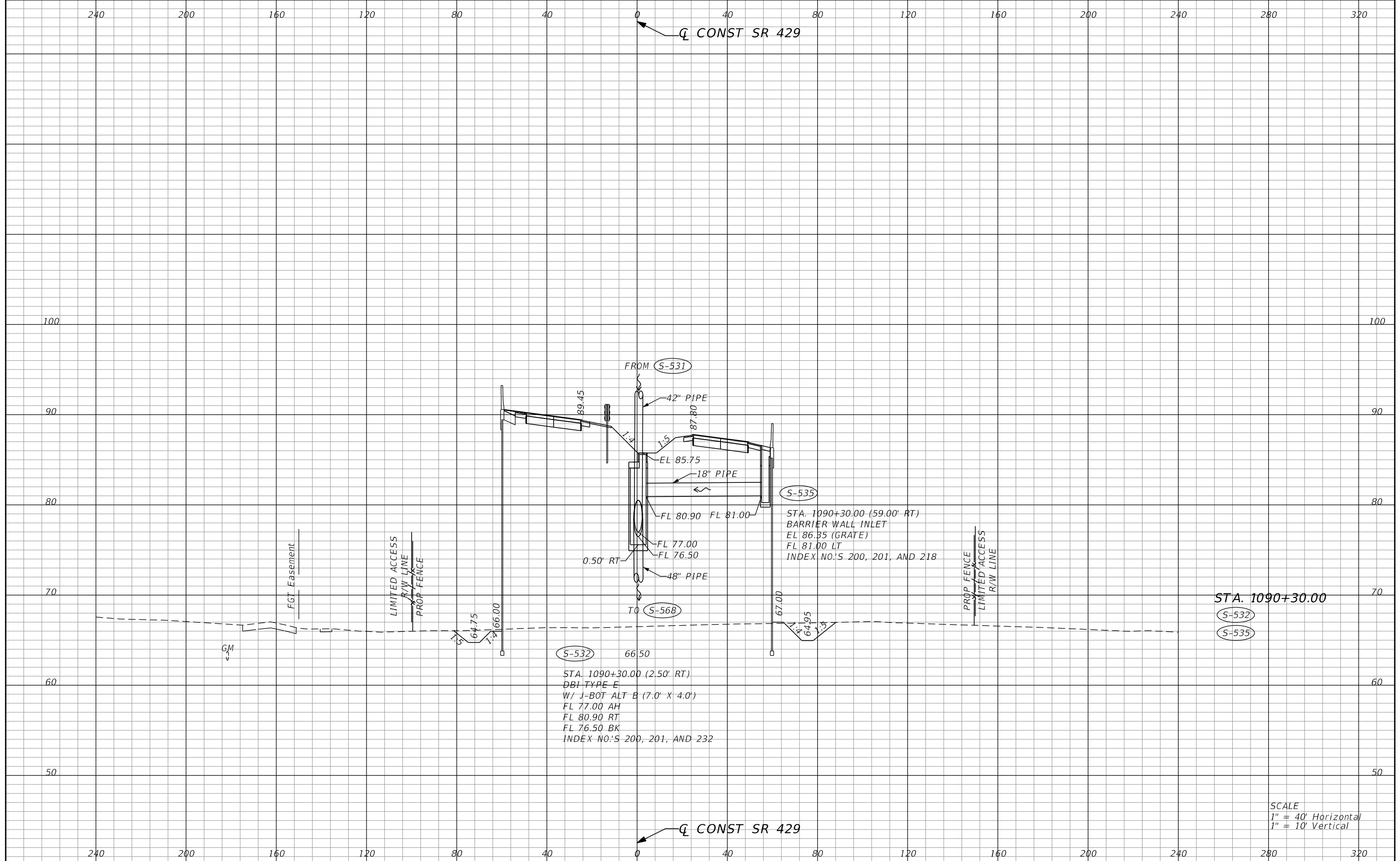
(S-828)  
 STA. 1090+00.00 (76.76' RT)  
 DBI TYPE E  
 FL 59.10 RT, LT  
 INDEX NO.'S 200, 201, AND 232

(S-827)  
 STA. 1090+03.98 (184.06' RT)  
 CROSS DRAIN MES (1:4)  
 FL 59.00  
 INDEX NO.'S 272

STA. 1090+00.00  
 (S-829)  
 (S-828)  
 STA. 1090+03.98  
 (S-827)

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS                  |             | DATE     |             | DESCRIPTION  |                         |
|----------------------------|-------------|----------|-------------|--|-------------------------|
| DATE                       | DESCRIPTION | DATE     | DESCRIPTION |  |                         |
|                            |             |          |             | DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 |                         |
|                            |             |          |             | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION   |                         |
|                            |             | ROAD NO. | COUNTY      | FINANCIAL PROJECT ID   |                         |
|                            |             | 429      | SEMINOLE    | 240200-2-52-01   |                         |
| <b>DRAINAGE STRUCTURES</b> |             |          |             |  | SHEET NO.<br><b>477</b> |



STA. 1090+30.00  
 S-532  
 S-535

S-532 66.50  
 STA. 1090+30.00 (2.50' RT)  
 DBI TYPE E  
 W/ J-BOT ALT B (7.0' X 4.0')  
 FL 77.00 AH  
 FL 80.90 RT  
 FL 76.50 BK  
 INDEX NO.'S 200, 201, AND 232

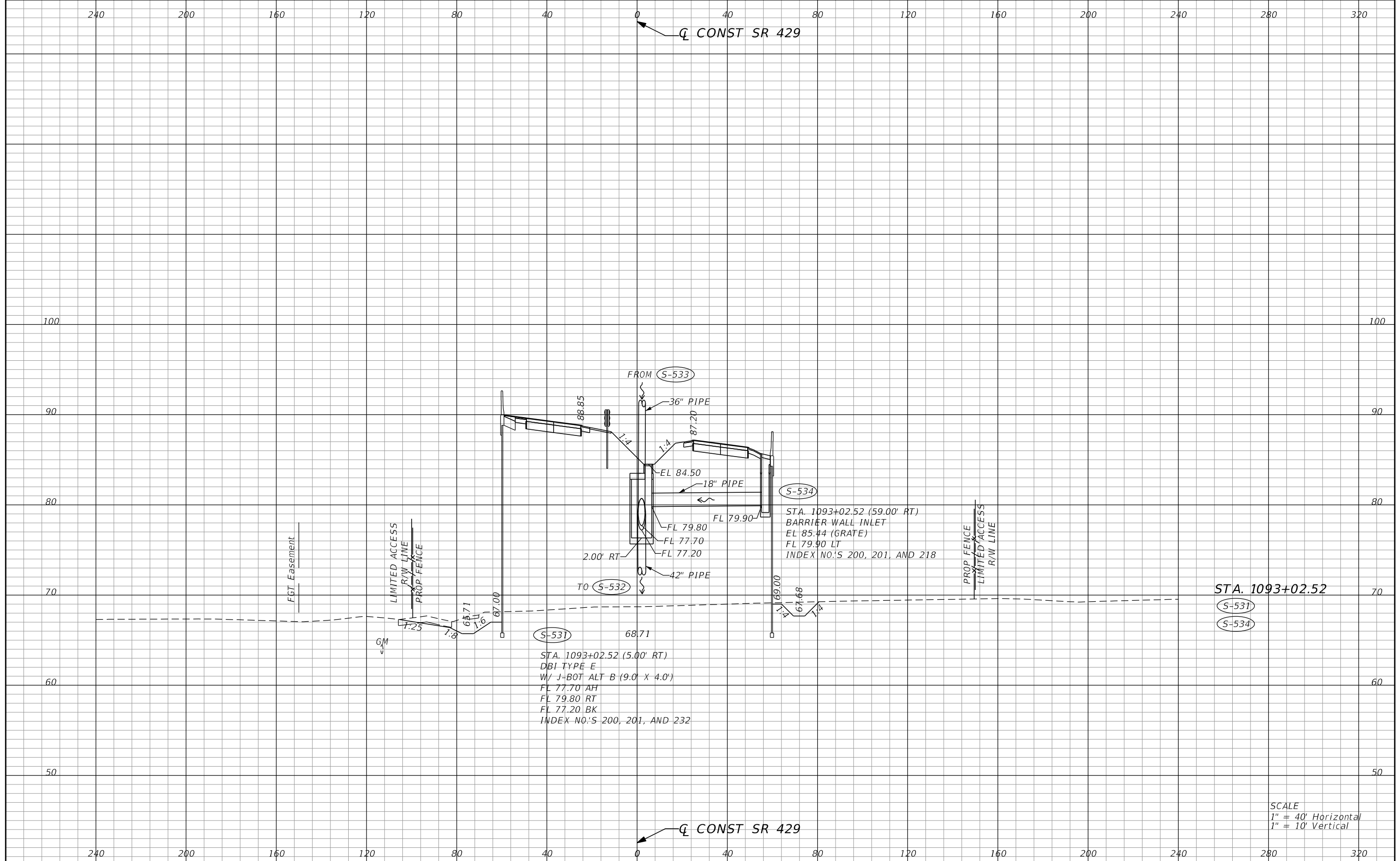
S-535  
 STA. 1090+30.00 (59.00' RT)  
 BARRIER WALL INLET  
 EL 86.35 (GRATE)  
 FL 81.00 LT  
 INDEX NO.'S 200, 201, AND 218

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |             |      |             | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      | SHEET<br>NO. |
|-----------|-------------|------|-------------|--|----------|----------------------|--------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION | ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |              |
|           |             |      |             | 429  | SEMINOLE | 240200-2-52-01       | 478          |

DUSTIN E. PERKINS  
 P.E. LICENSE NO. 69225  
 URS CORPORATION  
 315 E. ROBINSON STREET, SUITE 245  
 ORLANDO, FL 32801-1949  
 PH (407) 422-0353 FAX (407) 423-2695  
 CERTIFICATE OF AUTHORIZATION NO. 000002

glen\_dvorovy 10/13/2015 2:16:26 PM 0:\Projects\CADD\24020025201\drainage\Xsect\DRXSRD01\_LS\_429.DGN



S-531  
 STA. 1093+02.52 (5.00' RT)  
 DBI TYPE E  
 W/ J-BOT-ALT B (9.0' X 4.0')  
 FL 77.70 AH  
 FL 79.80 RT  
 FL 77.20 BK  
 INDEX NO.'S 200, 201, AND 232

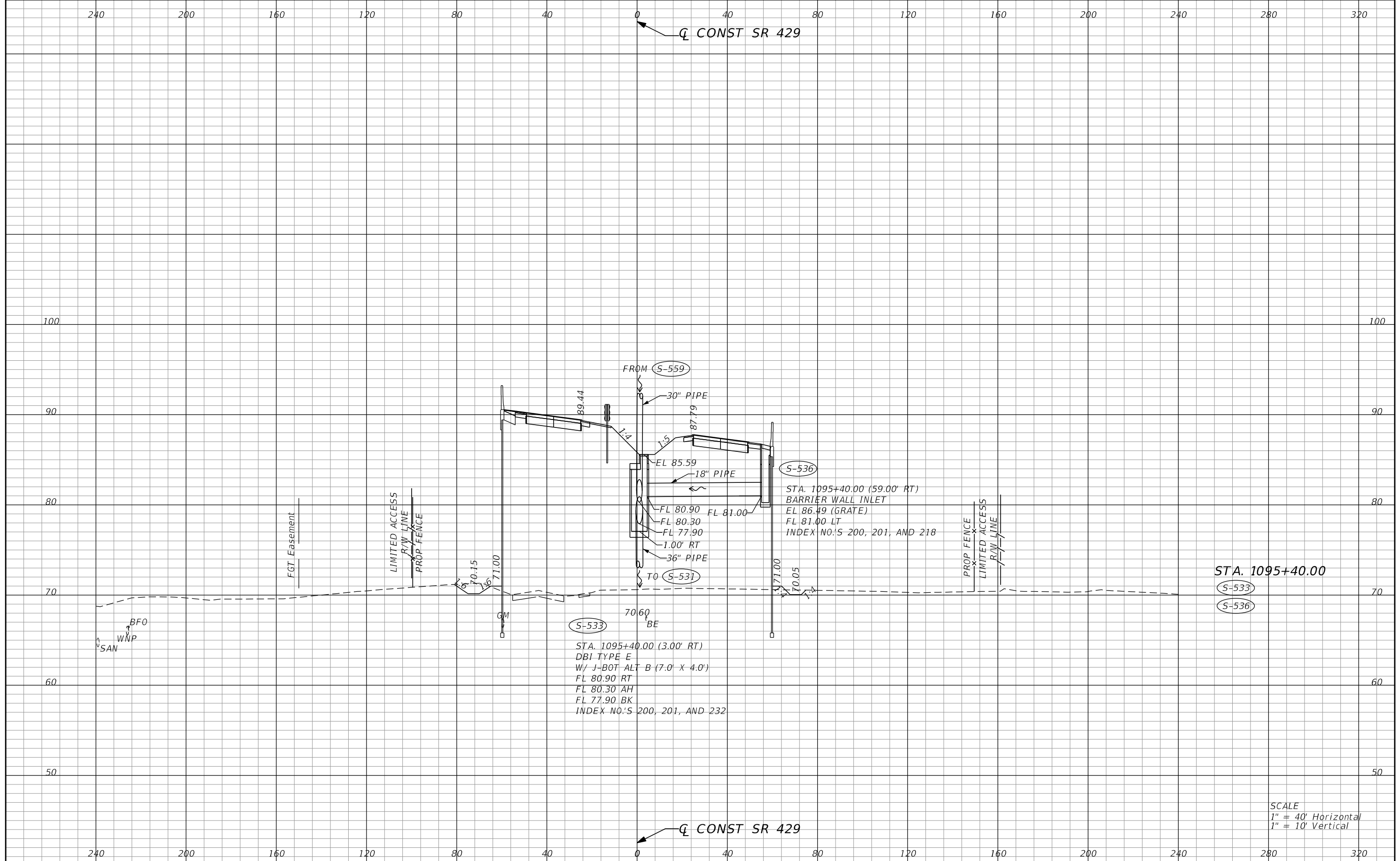
S-534  
 STA. 1093+02.52 (59.00' RT)  
 BARRIER WALL INLET  
 EL 85.44 (GRATE)  
 FL 79.90 LT  
 INDEX NO.'S 200, 201, AND 218

STA. 1093+02.52  
 S-531  
 S-534

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |             |      |             | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      | SHEET<br>NO. |
|-----------|-------------|------|-------------|--|----------|----------------------|--------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION | ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |              |
|           |             |      |             | 429  | SEMINOLE | 240200-2-52-01       | 479          |

DUSTIN E. PERKINS  
 P.E. LICENSE NO. 69225  
 URS CORPORATION  
 315 E. ROBINSON STREET, SUITE 245  
 ORLANDO, FL 32801-1949  
 PH (407) 422-0353 FAX (407) 423-2695  
 CERTIFICATE OF AUTHORIZATION NO. 000002



STA. 1095+40.00

(S-533)  
(S-536)

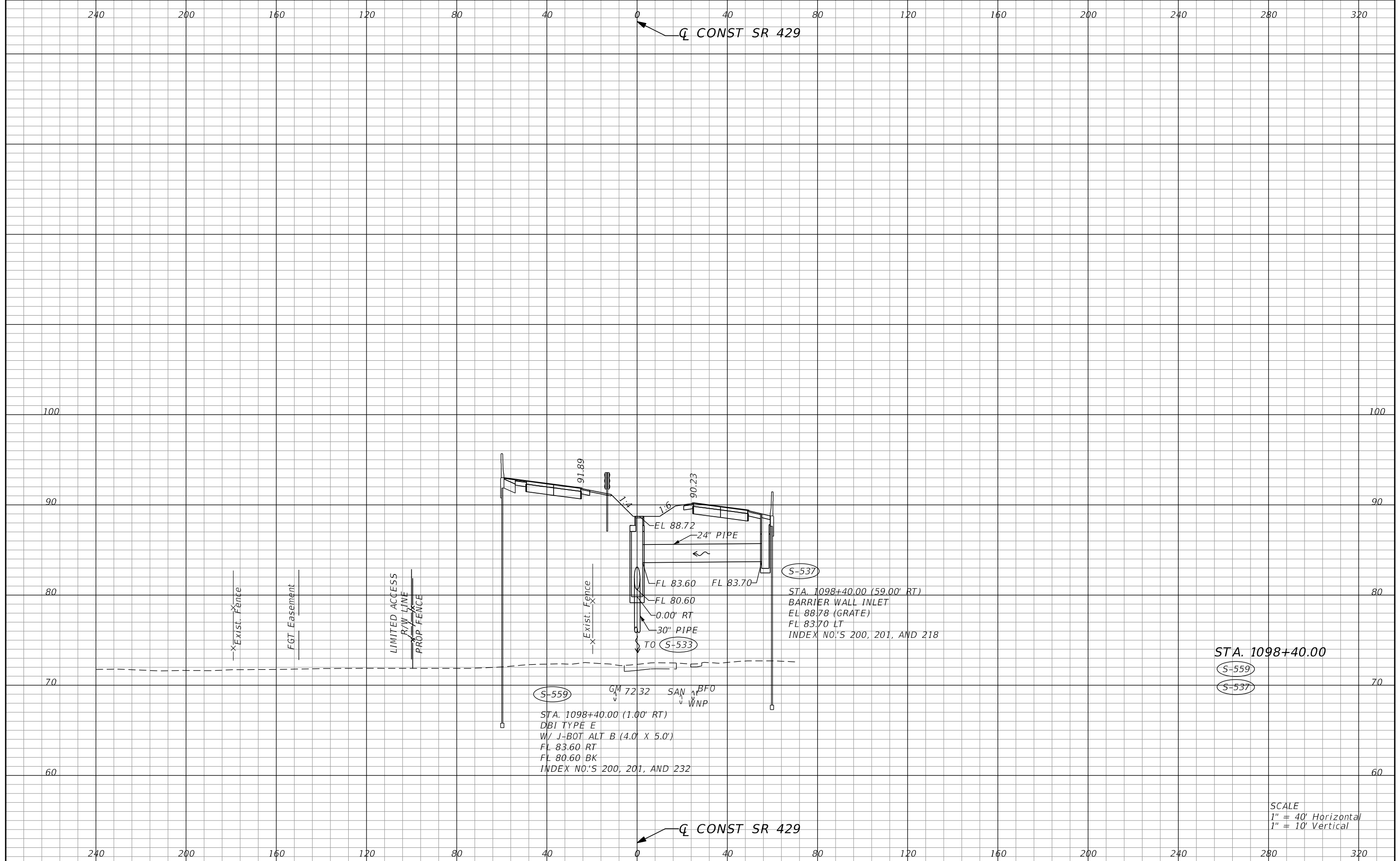
(S-533)  
STA. 1095+40.00 (3.00' RT)  
DBI TYPE E  
W/ J-BOT ALT B (7.0' X 4.0')  
FL 80.90 RT  
FL 80.30 AH  
FL 77.90 BK  
INDEX NO.'S 200, 201, AND 232

(S-536)  
STA. 1095+40.00 (59.00' RT)  
BARRIER WALL INLET  
EL 86.49 (GRATE)  
FL 81.00 LT  
INDEX NO.'S 200, 201, AND 218

SCALE  
1" = 40' Horizontal  
1" = 10' Vertical

| REVISIONS |             |      |             | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      | SHEET<br>NO. |
|-----------|-------------|------|-------------|--|----------|----------------------|--------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION | ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |              |
|           |             |      |             | 429  | SEMINOLE | 240200-2-52-01       | 480          |

DUSTIN E. PERKINS  
P.E. LICENSE NO. 69225  
URS CORPORATION  
315 E. ROBINSON STREET, SUITE 245  
ORLANDO, FL 32801-1949  
PH (407) 422-0353 FAX (407) 423-2695  
CERTIFICATE OF AUTHORIZATION NO. 000002



S-559  
 STA. 1098+40.00 (1.00' RT)  
 DBI TYPE E  
 W/ J-BOT ALT B (4.0' X 5.0')  
 FL 83.60 RT  
 FL 80.60 BK  
 INDEX NO.'S 200, 201, AND 232

S-537  
 STA. 1098+40.00 (59.00' RT)  
 BARRIER WALL INLET  
 EL 88.78 (GRATE)  
 FL 83.70 LT  
 INDEX NO.'S 200, 201, AND 218

STA. 1098+40.00  
 S-559  
 S-537

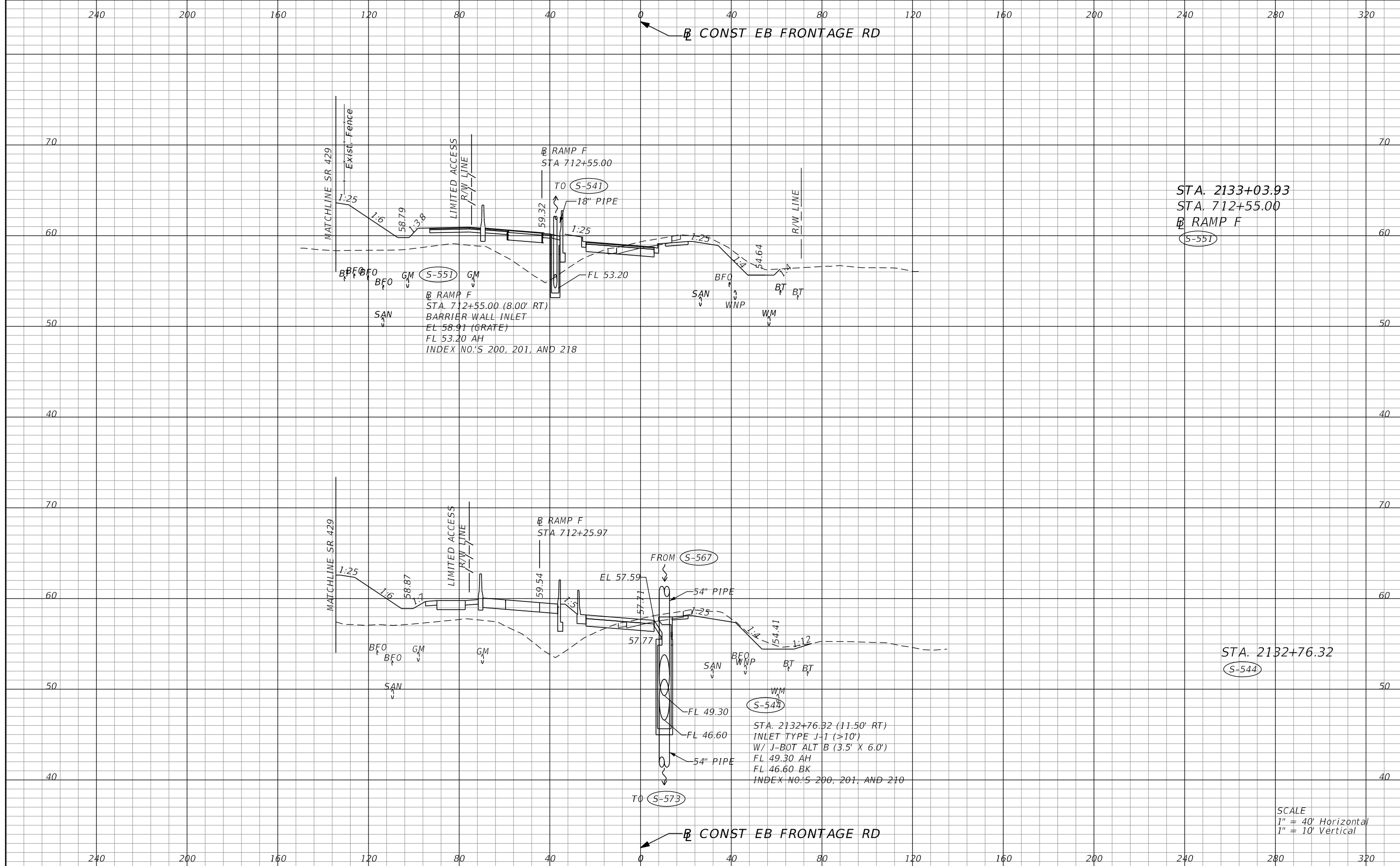
SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |             |      |             | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      | SHEET<br>NO. |
|-----------|-------------|------|-------------|--|----------|----------------------|--------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION | ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |              |
|           |             |      |             | 429  | SEMINOLE | 240200-2-52-01       | 481          |

DUSTIN E. PERKINS  
 P.E. LICENSE NO. 69225  
 URS CORPORATION  
 315 E. ROBINSON STREET, SUITE 245  
 ORLANDO, FL 32801-1949  
 PH (407) 422-0353 FAX (407) 423-2695  
 CERTIFICATE OF AUTHORIZATION NO. 000002

glen\_dvorovy 10/13/2015 2:16:27 PM 0:\Projects\CADD\24020025201\drainage\Xsect\DRXSRD01\_LS\_429.DGN





STA. 2133+03.93  
 STA. 712+55.00  
 RAMP F  
 S-551

STA. 2132+76.32  
 S-544

STA. 2132+76.32 (11.50' RT)  
 INLET TYPE J-1 (>10')  
 W/ J-BOT ALT B (3.5' X 6.0')  
 FL 49.30 AH  
 FL 46.60 BK  
 INDEX NO.'S 200, 201, AND 210

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

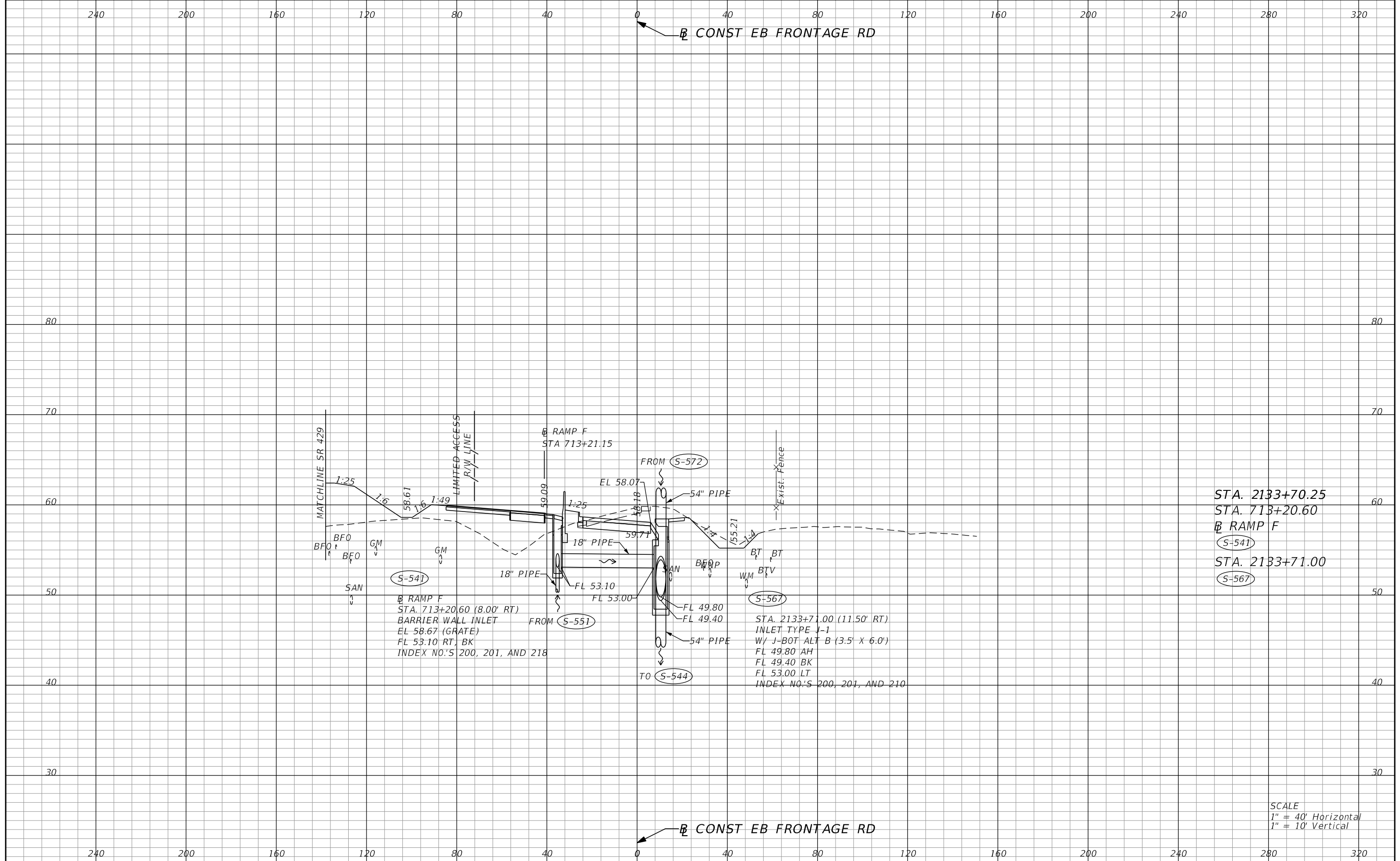
| REVISIONS |             |      |             |
|-----------|-------------|------|-------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |
|           |             |      |             |

DUSTIN E. PERKINS  
 P.E. LICENSE NO. 69225  
 URS CORPORATION  
 315 E. ROBINSON STREET, SUITE 245  
 ORLANDO, FL 32801-1949  
 PH (407) 422-0353 FAX (407) 423-2695  
 CERTIFICATE OF AUTHORIZATION NO. 000002

| STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      |
|--|----------|----------------------|
| ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |
| 429  | SEMINOLE | 240200-2-52-01       |

**DRAINAGE STRUCTURES**

SHEET NO.  
 482

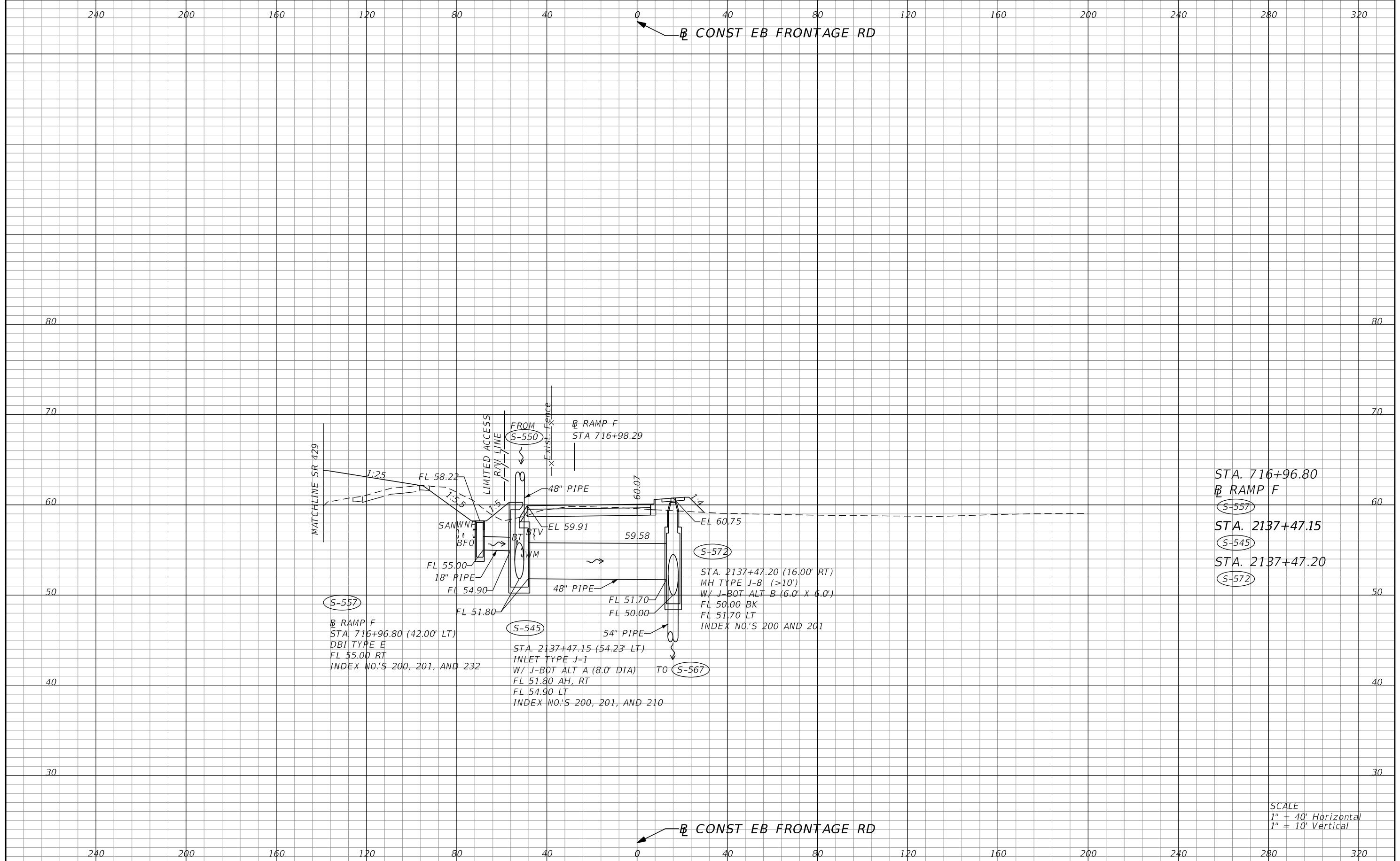


STA. 2133+70.25  
 STA. 713+20.60  
 RAMP F  
 S-541  
 STA. 2133+71.00  
 S-567

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |             | DATE |             | DESCRIPTION |  |
|-----------|-------------|------|-------------|-------------|--|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |             |  |
|           |             |      |             |             |  |

|  |        |                      |  |          |                |                            |                            |
|--|--------|----------------------|--|----------|----------------|----------------------------|----------------------------|
| DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 |        |                      | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                | <b>DRAINAGE STRUCTURES</b> | SHEET<br>NO.<br><b>483</b> |
| ROAD NO.   | COUNTY | FINANCIAL PROJECT ID | 429  | SEMINOLE | 240200-2-52-01 |                            |                            |



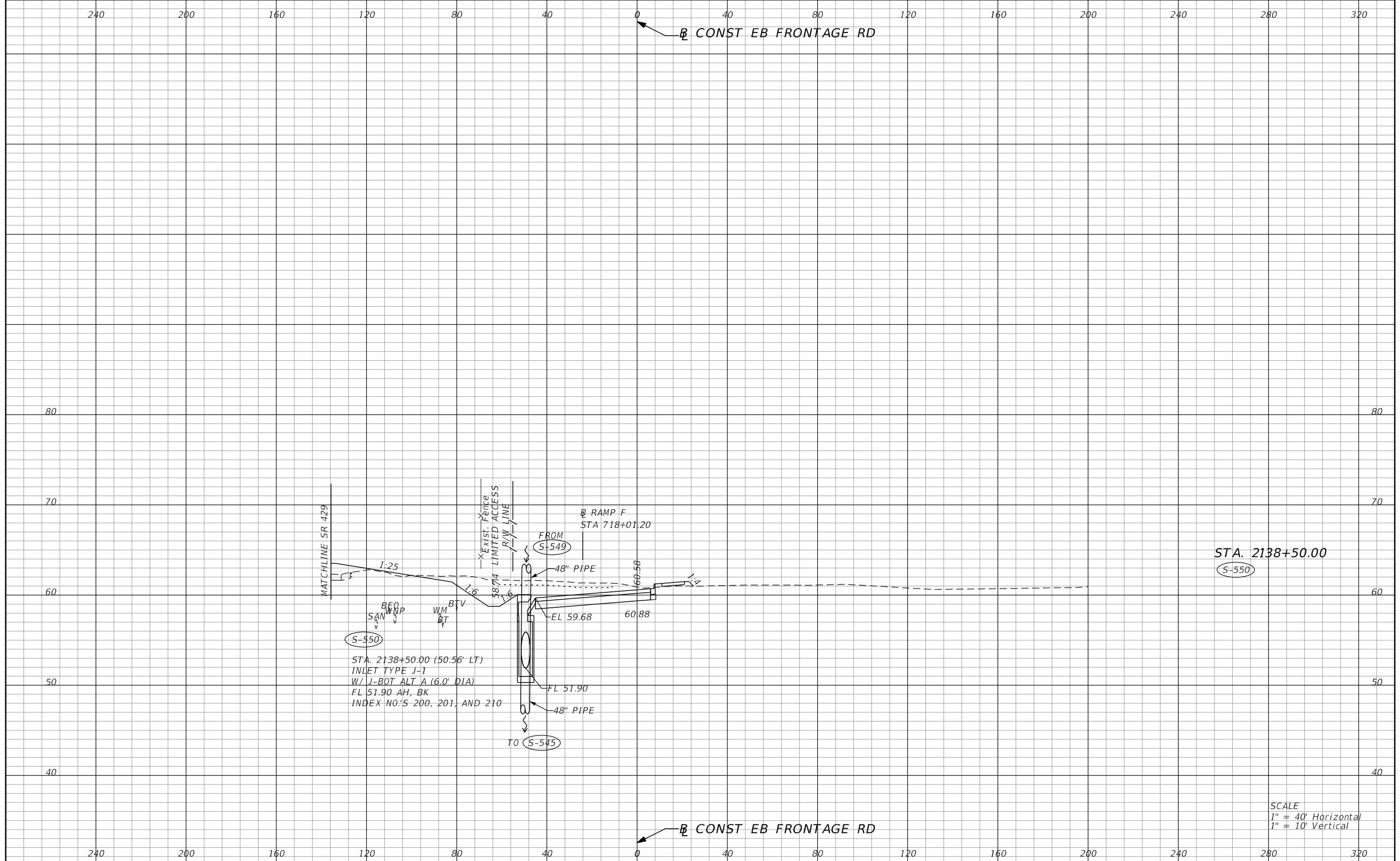
STA. 716+96.80  
 RAMP F  
 S-557  
 STA. 2137+47.15  
 S-545  
 STA. 2137+47.20  
 S-572

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |             | DESCRIPTION |             | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      | SHEET<br>NO. |
|-----------|-------------|-------------|-------------|--|----------|----------------------|--------------|
| DATE      | DESCRIPTION | DATE        | DESCRIPTION | ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |              |
|           |             |             |             | 429  | SEMINOLE | 240200-2-52-01       | 484          |

DUSTIN E. PERKINS  
 P.E. LICENSE NO. 69225  
 URS CORPORATION  
 315 E. ROBINSON STREET, SUITE 245  
 ORLANDO, FL 32801-1949  
 PH (407) 422-0353 FAX (407) 423-2695  
 CERTIFICATE OF AUTHORIZATION NO. 000002

glen\_dvorovy 10/13/2015 2:16:29 PM 0:\Projects\CADD\24020025201\drainage\Xsect\DRXSRD01\_LS\_EB.DGN

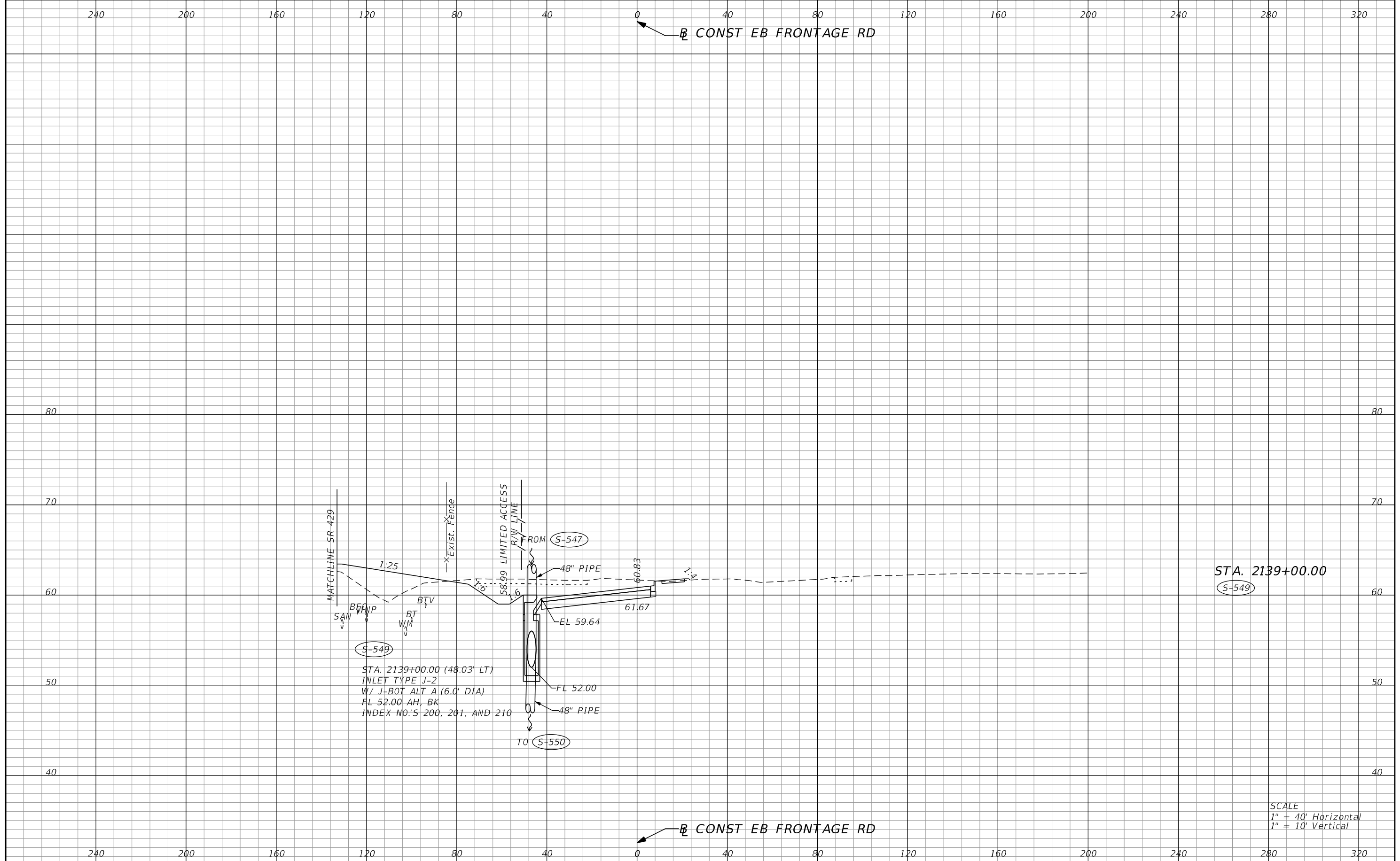


STA. 2138+50.00 (50.56' LT)  
 INLET TYPE J-1  
 W/ J-BOT ALT A (6.0' DIA)  
 FL 51.90 AH, BK  
 INDEX NO.'S 200, 201, AND 210

STA. 2138+50.00  
 S-550

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |             | REVISIONS |             | DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      | <b>DRAINAGE STRUCTURES</b> | SHEET<br>NO.<br>485 |
|-----------|-------------|-----------|-------------|--|--|----------|----------------------|----------------------------|---------------------|
| DATE      | DESCRIPTION | DATE      | DESCRIPTION |  | ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |                            |                     |
|           |             |           |             |  | 429  | SEMINOLE | 240200-2-52-01       |                            |                     |

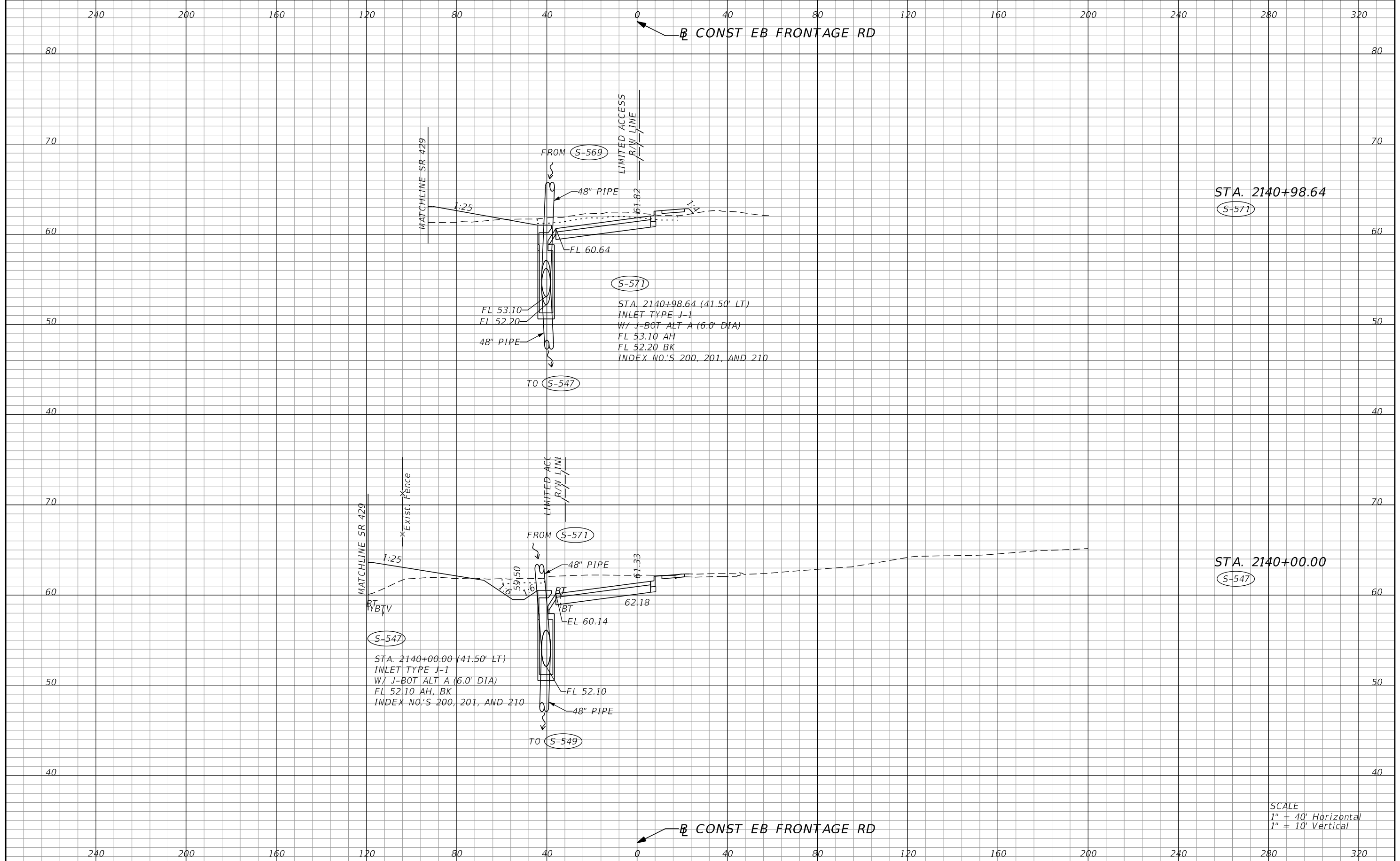


STA. 2139+00.00 (48.03' LT)  
 INLET TYPE J-2  
 W/ J-BOT ALT A (6.0' DIA)  
 FL 52.00 AH, BK  
 INDEX NO.'S 200, 201, AND 210

STA. 2139+00.00  
 (S-549)

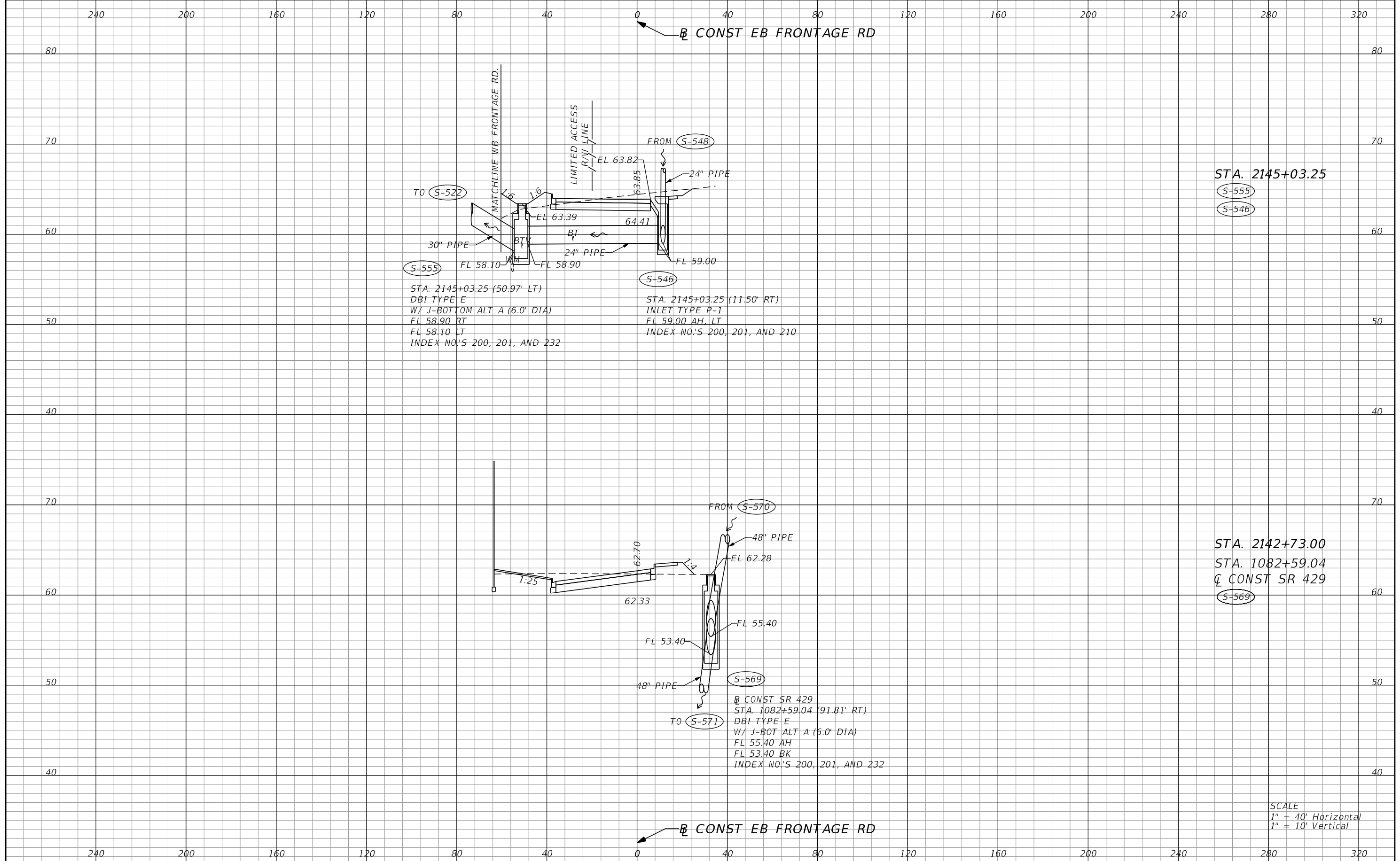
SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |             |      |             | DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |                |                      | <b>DRAINAGE STRUCTURES</b> | SHEET<br>NO.<br><br>486 |
|-----------|-------------|------|-------------|--|--|----------------|----------------------|----------------------------|-------------------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |  | ROAD NO.   | COUNTY         | FINANCIAL PROJECT ID |                            |                         |
|           |             |      |             | 429  | SEMINOLE   | 240200-2-52-01 |                      |                            |                         |



SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |             |      |             | DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |                |                      | <b>DRAINAGE STRUCTURES</b> | SHEET NO.<br><br><b>487</b> |
|-----------|-------------|------|-------------|--|--|----------------|----------------------|----------------------------|-----------------------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |  | ROAD NO.   | COUNTY         | FINANCIAL PROJECT ID |                            |                             |
|           |             |      |             | 429  | SEMINOLE   | 240200-2-52-01 |                      |                            |                             |

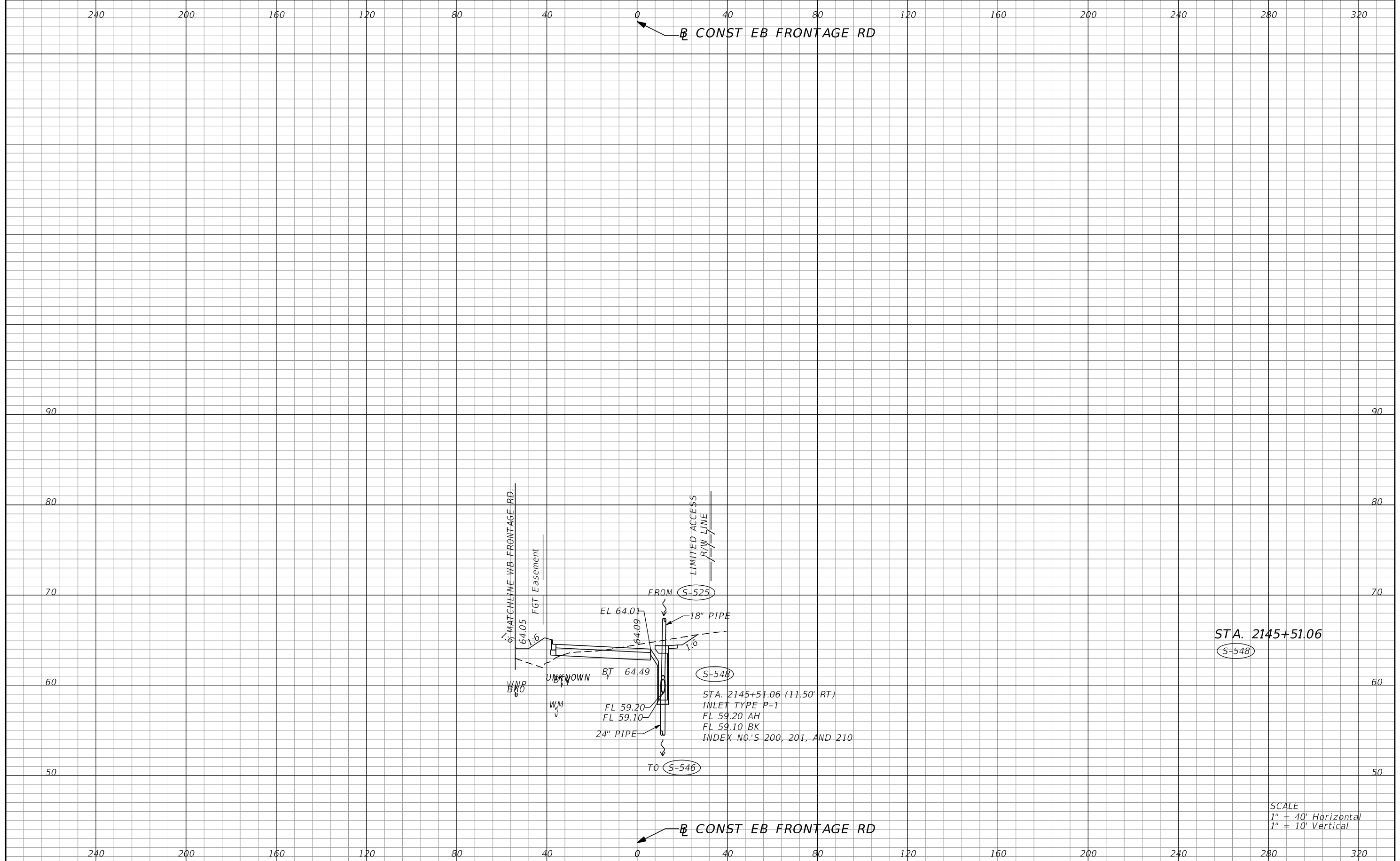


STA. 2145+03.25  
 S-555  
 S-546

STA. 2142+73.00  
 STA. 1082+59.04  
 CONST SR 429  
 S-569

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS  |             |      |             | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      | SHEET<br>NO. |
|--|-------------|------|-------------|--|----------|----------------------|--------------|
| DATE   | DESCRIPTION | DATE | DESCRIPTION | ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |              |
|  |             |      |             | 429  | SEMINOLE | 240200-2-52-01       | 488          |
| DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 |             |      |             | <b>DRAINAGE STRUCTURES</b>                       |          |                      |              |



STA. 2145+51.06  
 (S-548)

CONST EB FRONTAGE RD

CONST EB FRONTAGE RD

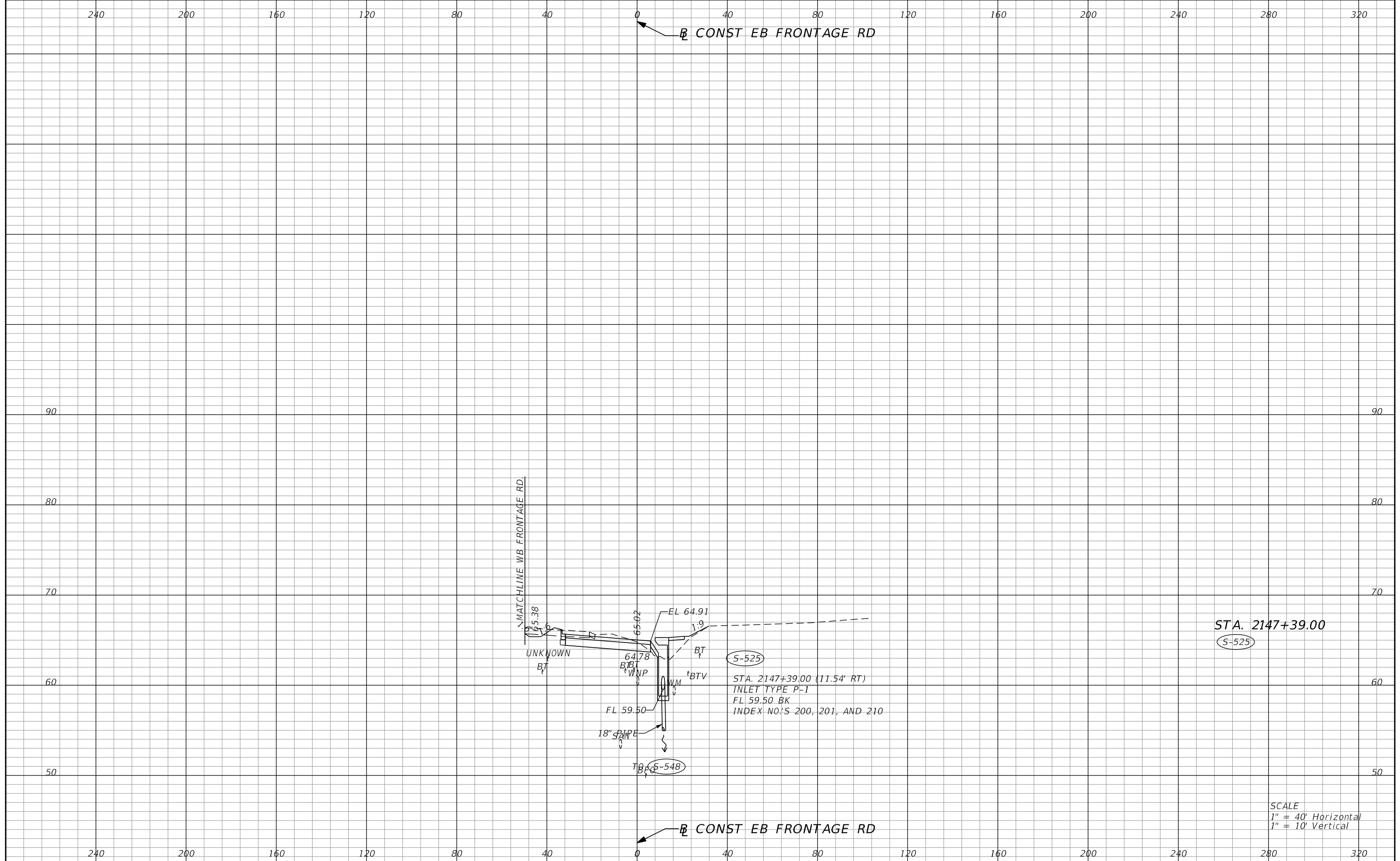
SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |             |      |             | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      | SHEET<br>NO. |
|-----------|-------------|------|-------------|--|----------|----------------------|--------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION | ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |              |
|           |             |      |             | 429  | SEMINOLE | 240200-2-52-01       | 489          |

DUSTIN E. PERKINS  
 P.E. LICENSE NO. 69225  
 URS CORPORATION  
 315 E. ROBINSON STREET, SUITE 245  
 ORLANDO, FL 32801-1949  
 PH (407) 422-0353 FAX (407) 423-2695  
 CERTIFICATE OF AUTHORIZATION NO. 000002

*DRAINAGE STRUCTURES*





STA. 2147+39.00  
 (S-525)

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |             |      |             |
|-----------|-------------|------|-------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |
|           |             |      |             |

DUSTIN E. PERKINS  
 P.E. LICENSE NO. 69225  
 URS CORPORATION  
 315 E. ROBINSON STREET, SUITE 245  
 ORLANDO, FL 32801-1949  
 PH (407) 422-0353 FAX (407) 423-2695  
 CERTIFICATE OF AUTHORIZATION NO. 000002

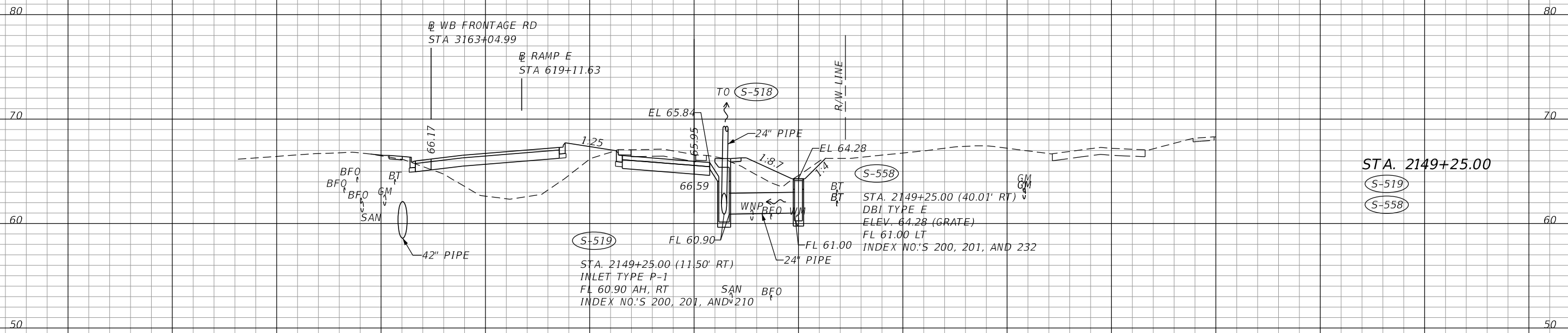
| STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      |
|--|----------|----------------------|
| ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |
| 429  | SEMINOLE | 240200-2-52-01       |

**DRAINAGE STRUCTURES**

SHEET NO.  
 490

240 200 160 120 80 40 0 40 80 120 160 200 240 280 320

CONST EB FRONTAGE RD



STA. 2149+25.00  
 S-519  
 S-558

STA. 2149+25.00 (40.01' RT)  
 DBI TYPE E  
 ELEV. 64.28 (GRATE)  
 FL 61.00 LT  
 INDEX NO.'S 200, 201, AND 232

S-519  
 STA. 2149+25.00 (11.50' RT)  
 INLET TYPE P-1  
 FL 60.90 AH, RT  
 INDEX NO.'S 200, 201, AND 210

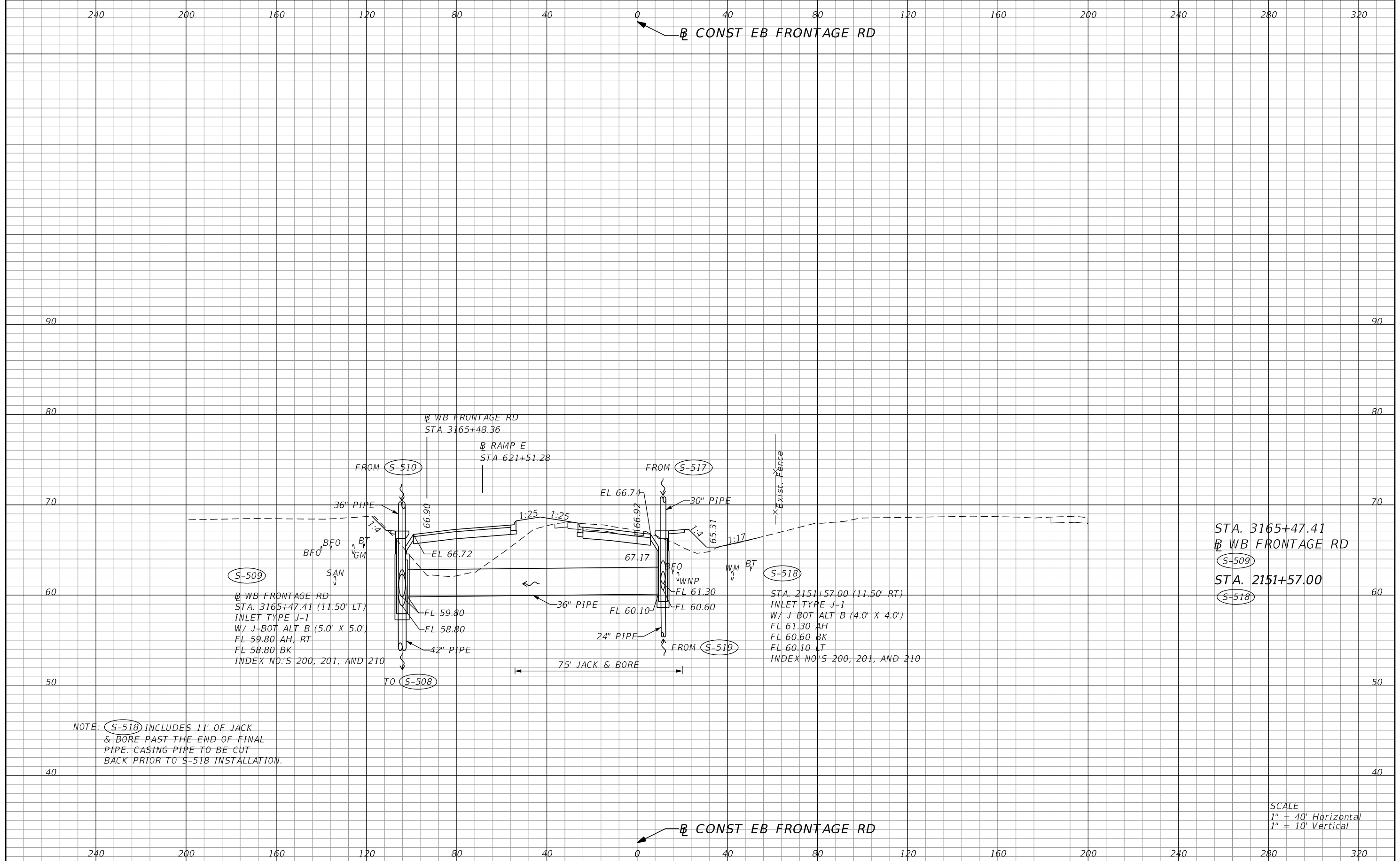
SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

CONST EB FRONTAGE RD

240 200 160 120 80 40 0 40 80 120 160 200 240 280 320

| REVISIONS |             |      |             | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      | SHEET<br>NO. |
|-----------|-------------|------|-------------|--|----------|----------------------|--------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION | ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |              |
|           |             |      |             | 429  | SEMINOLE | 240200-2-52-01       | 491          |

DUSTIN E. PERKINS  
 P.E. LICENSE NO. 69225  
 URS CORPORATION  
 315 E. ROBINSON STREET, SUITE 245  
 ORLANDO, FL 32801-1949  
 PH (407) 422-0353 FAX (407) 423-2695  
 CERTIFICATE OF AUTHORIZATION NO. 000002



STA. 3165+47.41  
WB FRONTAGE RD  
S-509  
STA. 2151+57.00  
S-518

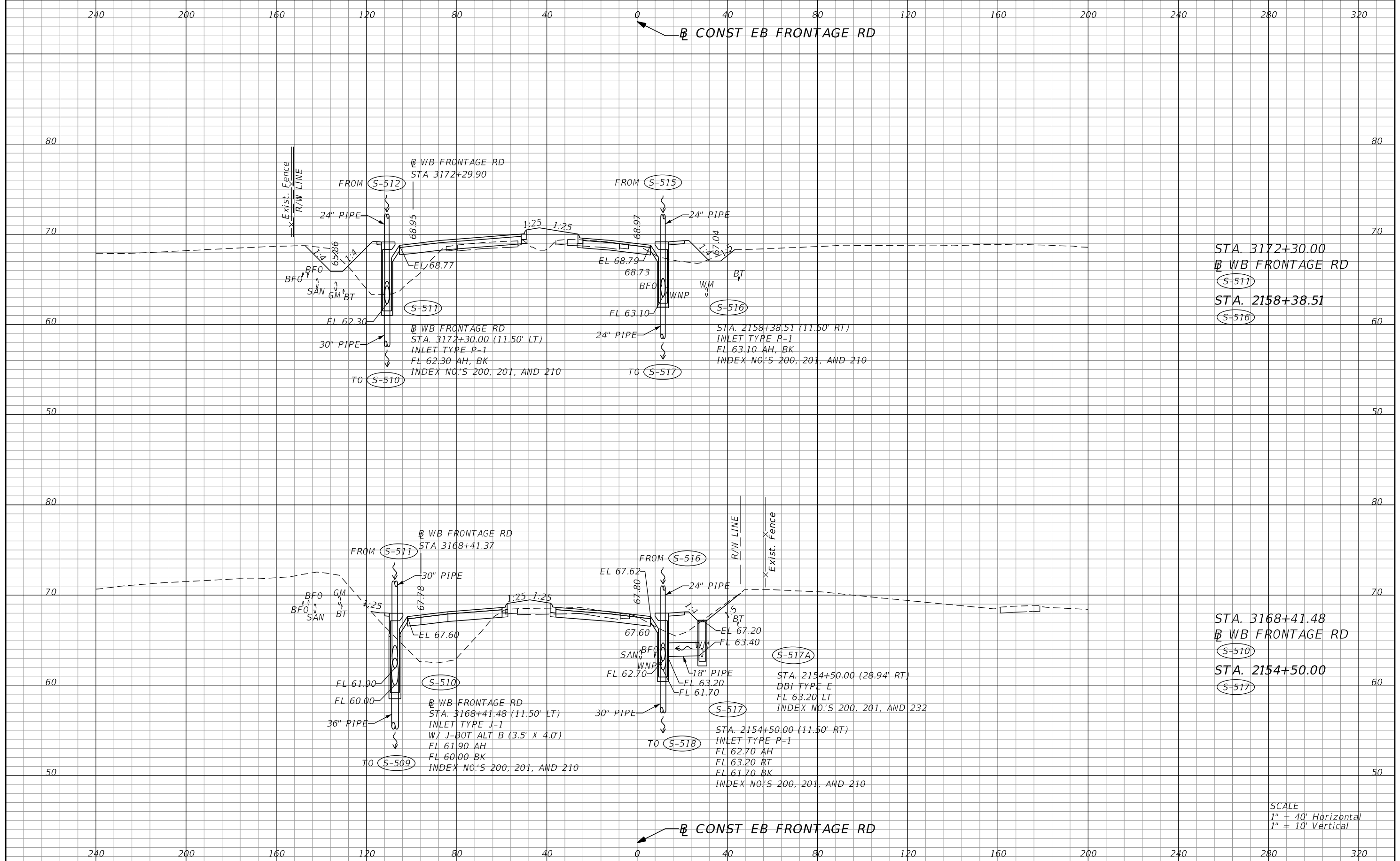
S-509  
WB FRONTAGE RD  
STA. 3165+47.41 (11.50' LT)  
INLET TYPE J-1  
W/ J-BOT ALT B (5.0' X 5.0')  
FL 59.80 AH, RT  
FL 58.80 BK  
INDEX NO'S 200, 201, AND 210

S-518  
STA. 2151+57.00 (11.50' RT)  
INLET TYPE J-1  
W/ J-BOT ALT B (4.0' X 4.0')  
FL 61.30 AH  
FL 60.60 BK  
FL 60.10 LT  
INDEX NO'S 200, 201, AND 210

NOTE: S-518 INCLUDES 11' OF JACK & BORE PAST THE END OF FINAL PIPE. CASING PIPE TO BE CUT BACK PRIOR TO S-518 INSTALLATION.

SCALE  
1" = 40' Horizontal  
1" = 10' Vertical

| REVISIONS                  |             | DATE     |             | DESCRIPTION  |                         |
|----------------------------|-------------|----------|-------------|--|-------------------------|
| DATE                       | DESCRIPTION | DATE     | DESCRIPTION |  |                         |
|                            |             |          |             | DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 |                         |
|                            |             |          |             | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION   |                         |
|                            |             | ROAD NO. | COUNTY      | FINANCIAL PROJECT ID   |                         |
|                            |             | 429      | SEMINOLE    | 240200-2-52-01   |                         |
| <b>DRAINAGE STRUCTURES</b> |             |          |             |  | SHEET NO.<br><b>492</b> |



STA. 3172+30.00  
WB FRONTAGE RD  
S-511  
STA. 2158+38.51  
S-516

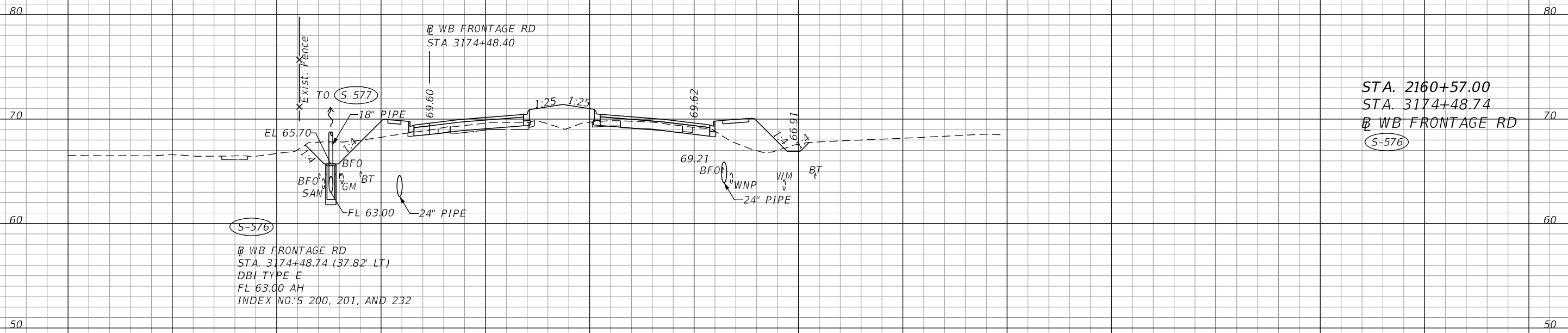
STA. 3168+41.48  
WB FRONTAGE RD  
S-510  
STA. 2154+50.00  
S-517

SCALE  
1" = 40' Horizontal  
1" = 10' Vertical

| REVISIONS |             |      |             | DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |                |                            | SHEET<br>NO.<br><br>493 |
|-----------|-------------|------|-------------|--|--|----------------|----------------------------|-------------------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |  | ROAD NO.   | COUNTY         | FINANCIAL PROJECT ID       |                         |
|           |             |      |             | 429  | SEMINOLE   | 240200-2-52-01 | <b>DRAINAGE STRUCTURES</b> |                         |

240 200 160 120 80 40 0 40 80 120 160 200 240 280 320

CONST EB FRONTAGE RD



STA. 2160+57.00  
 STA. 3174+48.74  
 WB FRONTAGE RD  
 S-576

WB FRONTAGE RD  
 STA. 3174+48.74 (37.82' LT)  
 DBI TYPE E  
 FL 63.00 AH  
 INDEX NO.'S 200, 201, AND 232

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

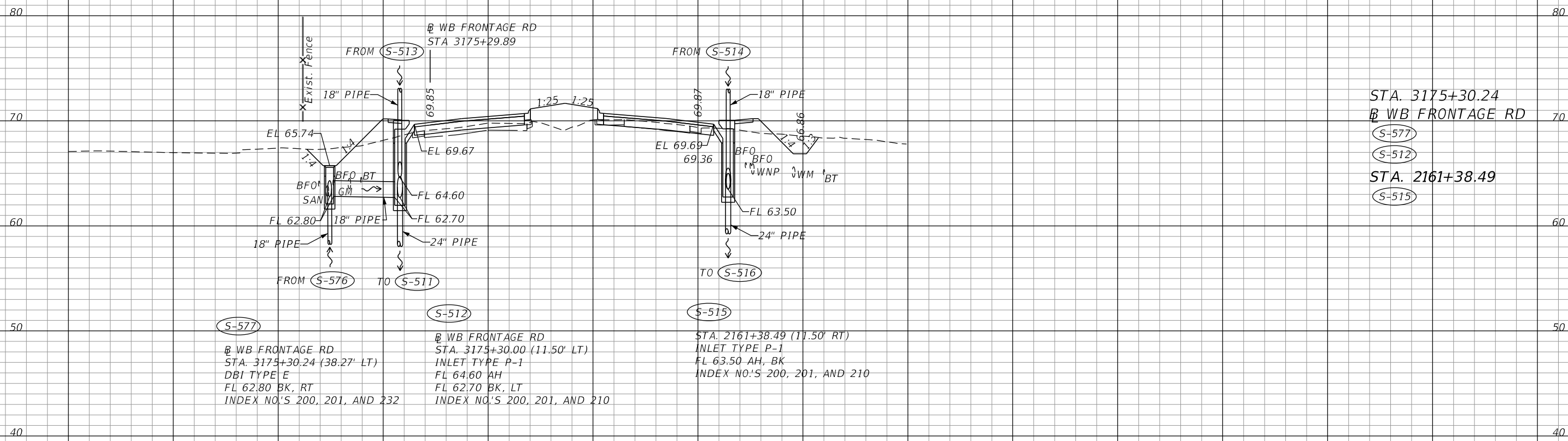
CONST EB FRONTAGE RD

240 200 160 120 80 40 0 40 80 120 160 200 240 280 320

| REVISIONS |             |      |             | DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |                |                      | <b>DRAINAGE STRUCTURES</b> | SHEET<br>NO.<br><br>494 |
|-----------|-------------|------|-------------|--|--|----------------|----------------------|----------------------------|-------------------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |  | ROAD NO.   | COUNTY         | FINANCIAL PROJECT ID |                            |                         |
|           |             |      |             | 429  | SEMINOLE   | 240200-2-52-01 |                      |                            |                         |

240 200 160 120 80 40 0 40 80 120 160 200 240 280 320

CONST EB FRONTAGE RD



STA. 3175+30.24  
WB FRONTAGE RD  
S-577  
S-512  
STA. 2161+38.49  
S-515

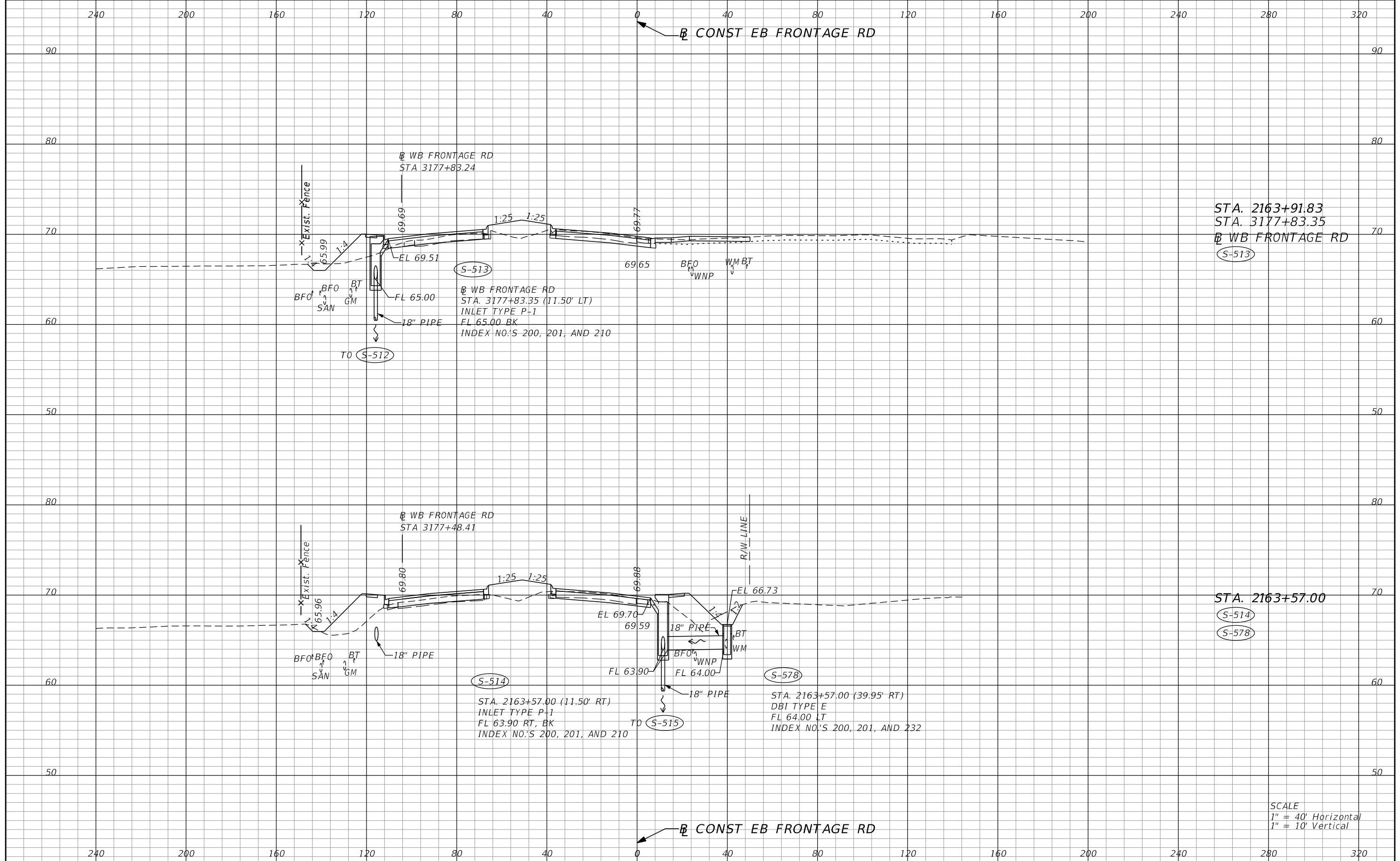
SCALE  
1" = 40' Horizontal  
1" = 10' Vertical

CONST EB FRONTAGE RD

240 200 160 120 80 40 0 40 80 120 160 200 240 280 320

| REVISIONS |             | REVISIONS |             | DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      | SHEET NO.<br><br>495 |
|-----------|-------------|-----------|-------------|--|--|----------|----------------------|----------------------|
| DATE      | DESCRIPTION | DATE      | DESCRIPTION |  | ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |                      |
|           |             |           |             |  | 429  | SEMINOLE | 240200-2-52-01       |                      |

DRAINAGE STRUCTURES



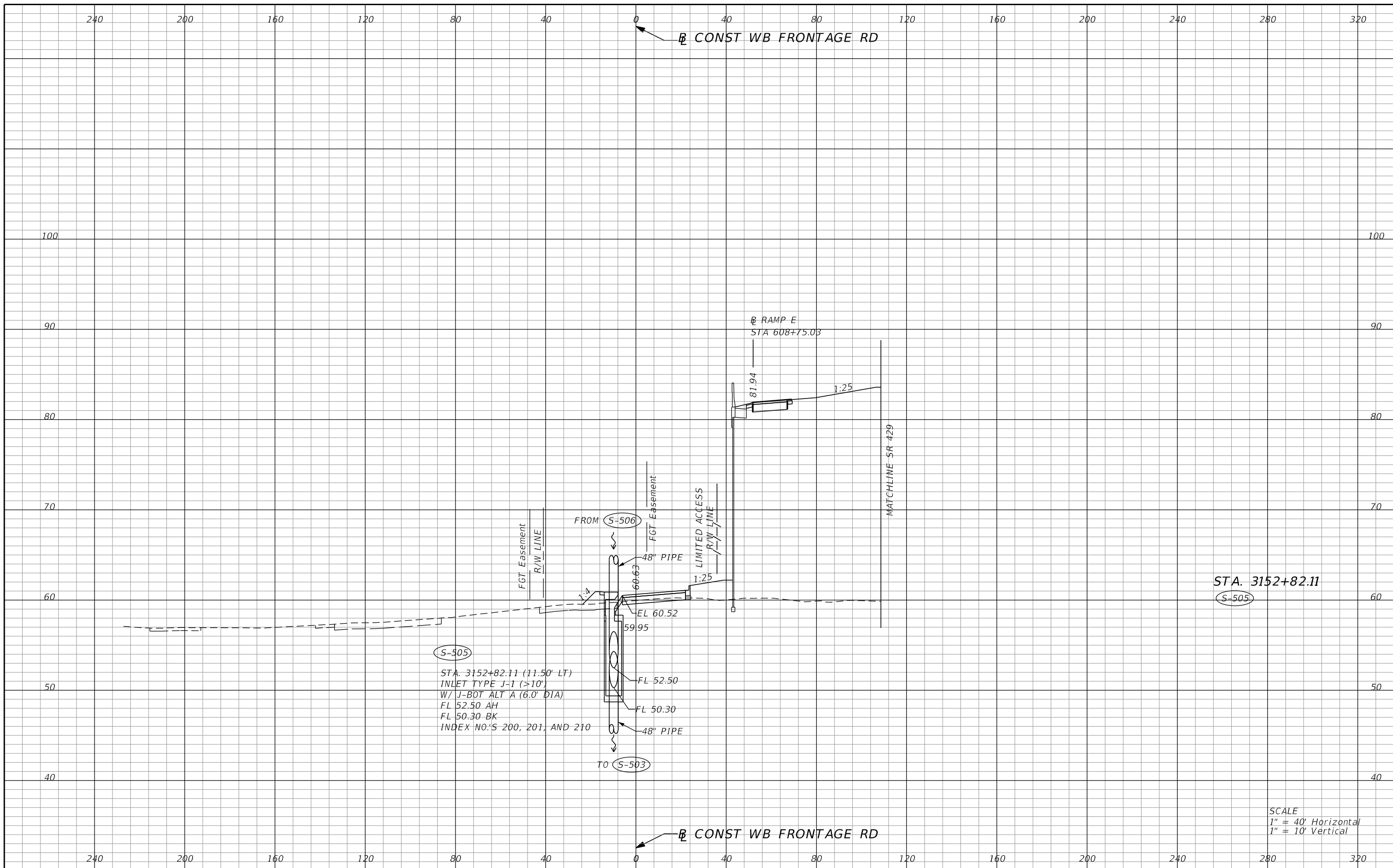
STA. 2163+91.83  
 STA. 3177+83.35  
 WB FRONTAGE RD  
 (S-513)

STA. 2163+57.00  
 (S-514)  
 (S-578)

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |             | REVISIONS |             |
|-----------|-------------|-----------|-------------|
| DATE      | DESCRIPTION | DATE      | DESCRIPTION |
|           |             |           |             |

|  |          |                      |  |  |  |                            |                         |
|--|----------|----------------------|--|--|--|----------------------------|-------------------------|
| DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 |          |                      | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |  |  | <b>DRAINAGE STRUCTURES</b> | SHEET NO.<br><b>496</b> |
| ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |  |  |  |                            |                         |
| 429  | SEMINOLE | 240200-2-52-01       |  |  |  |                            |                         |



STA. 3152+82.11  
 (S-505)

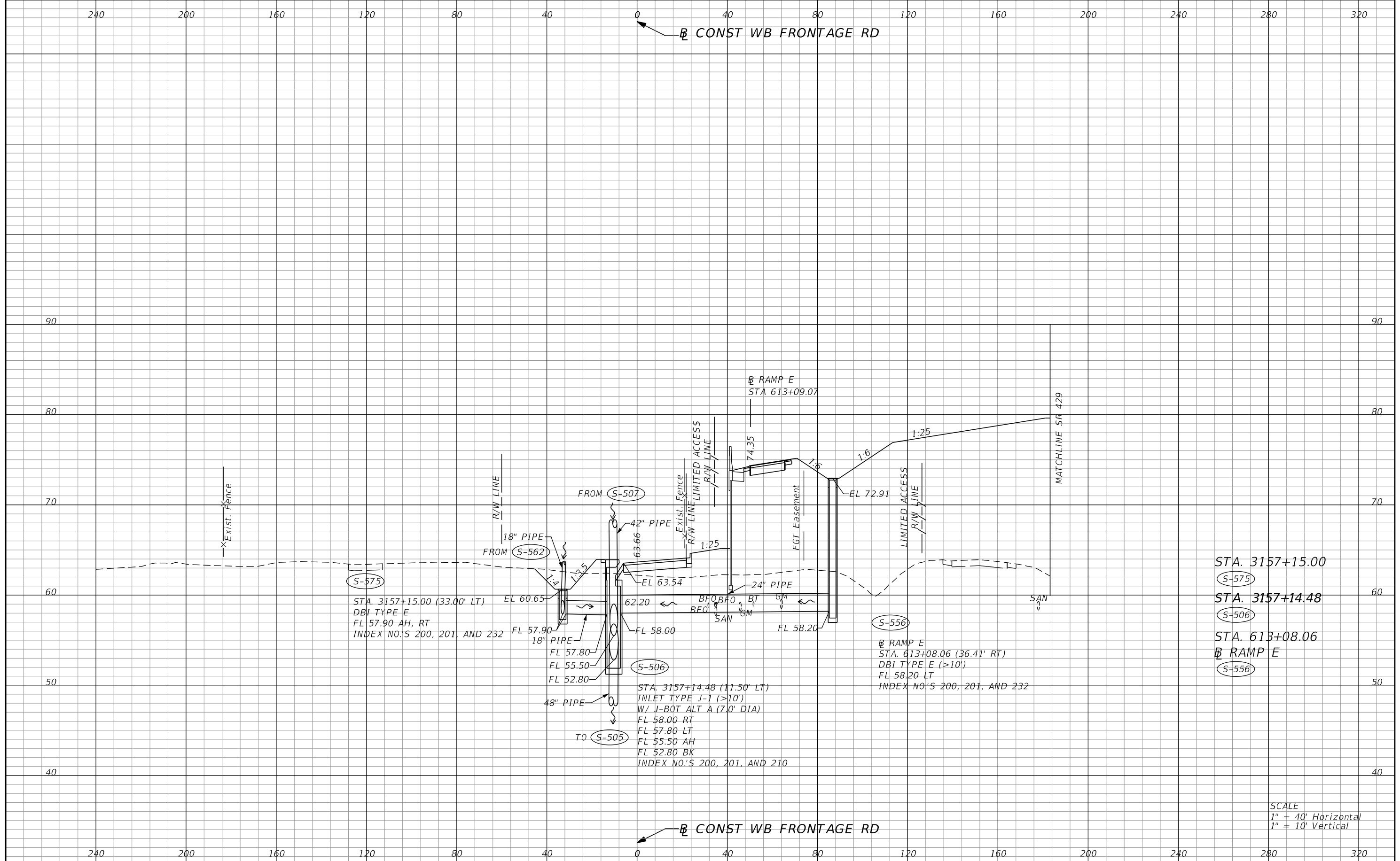
(S-505)  
 STA. 3152+82.11 (11.50' LT)  
 INLET TYPE J-1 (>10')  
 W/ J-BOT ALT A (6.0' DIA)  
 FL 52.50 AH  
 FL 50.30 BK  
 INDEX NO.'S 200, 201, AND 210

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |             |      |             | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      | SHEET<br>NO. |
|-----------|-------------|------|-------------|--|----------|----------------------|--------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION | ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |              |
|           |             |      |             | 429  | SEMINOLE | 240200-2-52-01       | 497          |

DUSTIN E. PERKINS  
 P.E. LICENSE NO. 69225  
 URS CORPORATION  
 315 E. ROBINSON STREET, SUITE 245  
 ORLANDO, FL 32801-1949  
 PH (407) 422-0353 FAX (407) 423-2695  
 CERTIFICATE OF AUTHORIZATION NO. 000002



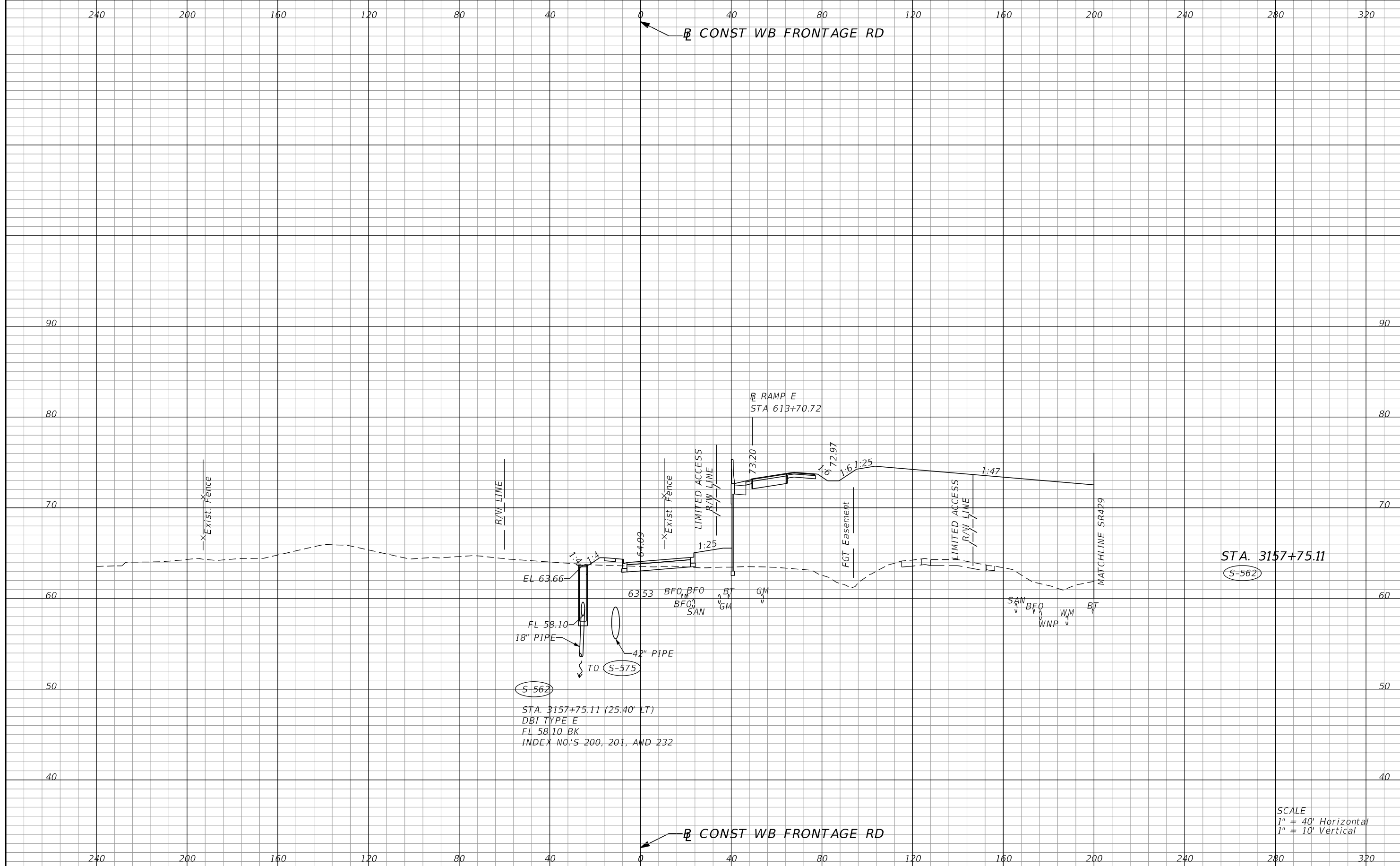


STA. 3157+15.00  
 S-575  
 STA. 3157+14.48  
 S-506  
 STA. 613+08.06  
 RAMP E  
 S-556

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |             | DATE |             | DESCRIPTION |  |
|-----------|-------------|------|-------------|-------------|--|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |             |  |
|           |             |      |             |             |  |

|  |        |                      |  |          |                |                            |                                |
|--|--------|----------------------|--|----------|----------------|----------------------------|--------------------------------|
| DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 |        |                      | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                | <b>DRAINAGE STRUCTURES</b> | SHEET<br>NO.<br><br><b>498</b> |
| ROAD NO.   | COUNTY | FINANCIAL PROJECT ID | 429  | SEMINOLE | 240200-2-52-01 |                            |                                |



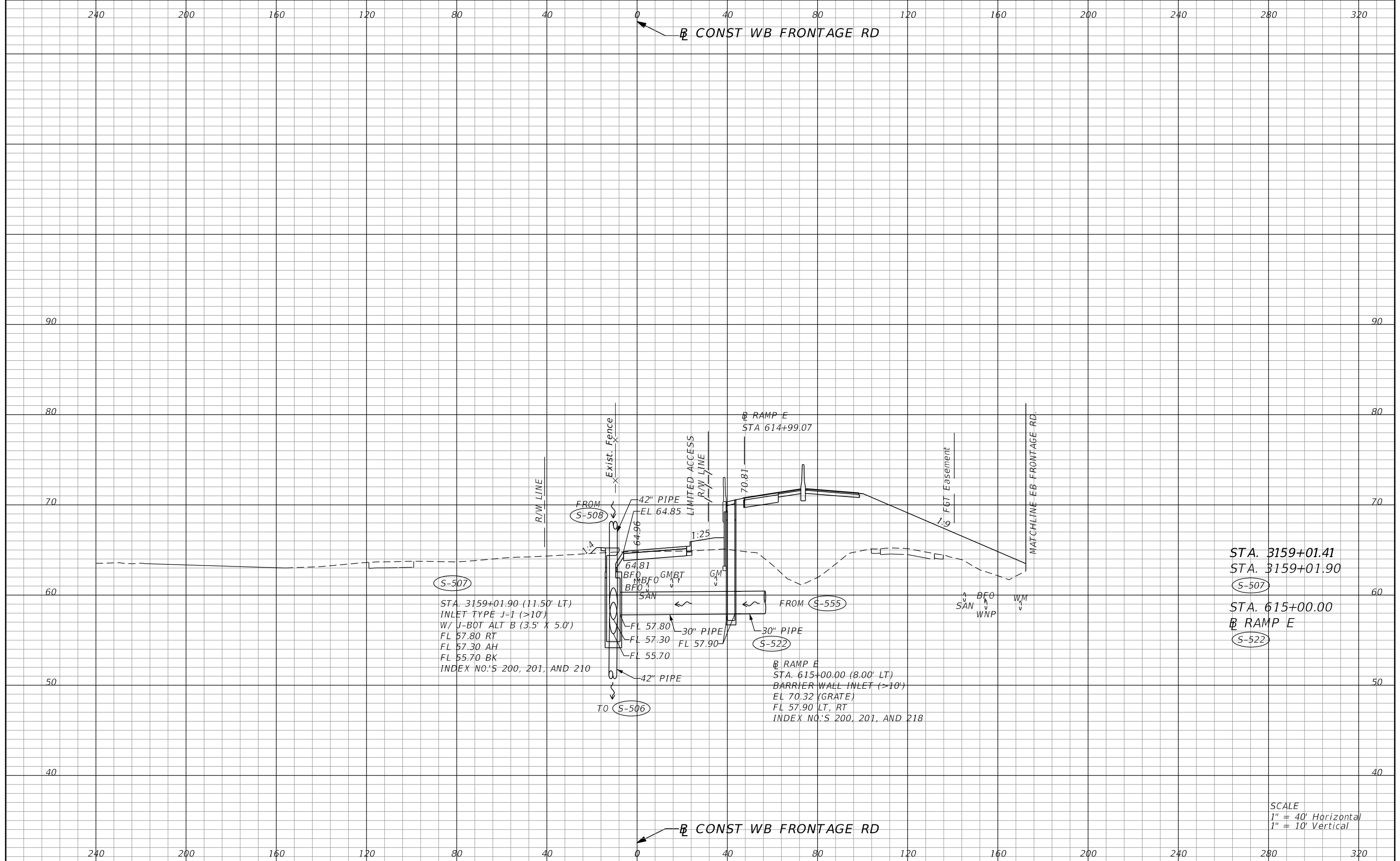
STA. 3157+75.11  
 (S-562)

EL 63.66  
 FL 58.10  
 18" PIPE  
 42" PIPE  
 TO (S-575)  
 (S-562)  
 STA. 3157+75.11 (25.40' LT)  
 DBI TYPE E  
 FL 58.10 BK  
 INDEX NO.'S 200, 201, AND 232

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |             |      |             | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      | SHEET<br>NO. |
|-----------|-------------|------|-------------|--|----------|----------------------|--------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION | ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |              |
|           |             |      |             | 429  | SEMINOLE | 240200-2-52-01       | 499          |

DUSTIN E. PERKINS  
 P.E. LICENSE NO. 69225  
 URS CORPORATION  
 315 E. ROBINSON STREET, SUITE 245  
 ORLANDO, FL 32801-1949  
 PH (407) 422-0353 FAX (407) 423-2695  
 CERTIFICATE OF AUTHORIZATION NO. 000002



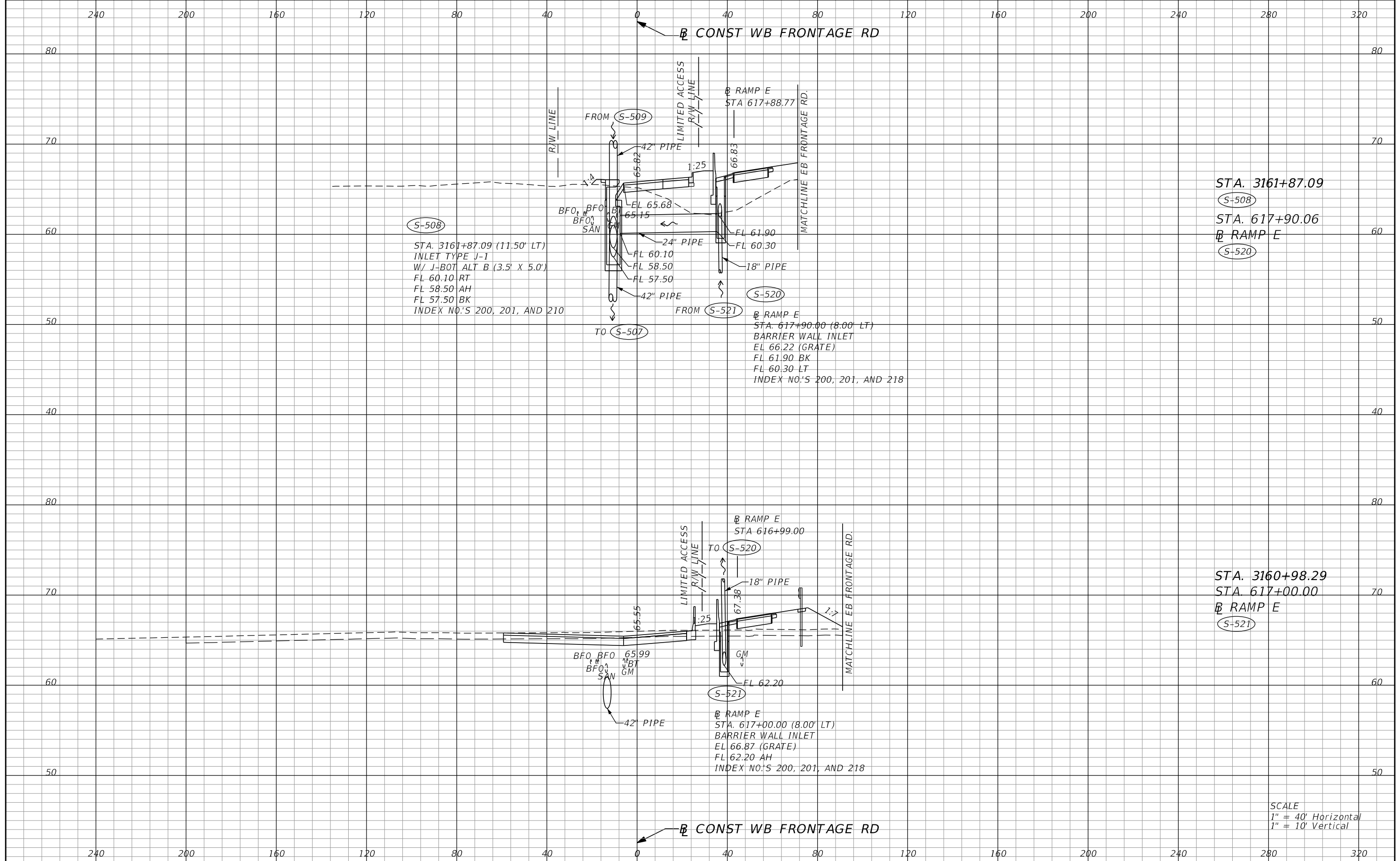
STA. 3159+01.41  
 STA. 3159+01.90  
 S-507  
 STA. 615+00.00  
 RAMP E  
 S-522

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |             |      |             | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      | SHEET<br>NO. |
|-----------|-------------|------|-------------|--|----------|----------------------|--------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION | ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |              |
|           |             |      |             | 429  | SEMINOLE | 240200-2-52-01       | 500          |

DUSTIN E. PERKINS  
 P.E. LICENSE NO. 69225  
 URS CORPORATION  
 315 E. ROBINSON STREET, SUITE 245  
 ORLANDO, FL 32801-1949  
 PH (407) 422-0353 FAX (407) 423-2695  
 CERTIFICATE OF AUTHORIZATION NO. 000002

glen\_dvorovy 10/13/2015 2:16:37 PM 0:\Projects\CADD\24020025201\drainage\Xsect\DRXSRD01\_LS\_WB.DGN



STA. 3161+87.09  
 S-508  
 STA. 617+90.06  
 RAMP E  
 S-520

S-508  
 STA. 3161+87.09 (11.50' LT)  
 INLET TYPE J-1  
 W/ J-BOT ALT B (3.5' X 5.0')  
 FL 60.10 RT  
 FL 58.50 AH  
 FL 57.50 BK  
 INDEX NO.'S 200, 201, AND 210

S-520  
 RAMP E  
 STA. 617+90.00 (8.00' LT)  
 BARRIER WALL INLET  
 EL 66.22 (GRATE)  
 FL 61.90 BK  
 FL 60.30 LT  
 INDEX NO.'S 200, 201, AND 218

STA. 3160+98.29  
 STA. 617+00.00  
 RAMP E  
 S-521

S-521  
 RAMP E  
 STA. 617+00.00 (8.00' LT)  
 BARRIER WALL INLET  
 EL 66.87 (GRATE)  
 FL 62.20 AH  
 INDEX NO.'S 200, 201, AND 218

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |             |      |             | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      | SHEET<br>NO. |
|-----------|-------------|------|-------------|--|----------|----------------------|--------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION | ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |              |
|           |             |      |             | 429  | SEMINOLE | 240200-2-52-01       | 501          |

DUSTIN E. PERKINS  
 P.E. LICENSE NO. 69225  
 URS CORPORATION  
 315 E. ROBINSON STREET, SUITE 245  
 ORLANDO, FL 32801-1949  
 PH (407) 422-0353 FAX (407) 423-2695  
 CERTIFICATE OF AUTHORIZATION NO. 000002

280 240 200 160 120 80 40 0 40 80 120 160 200 240 280

CONST WEKIVA PARK DR

60

50

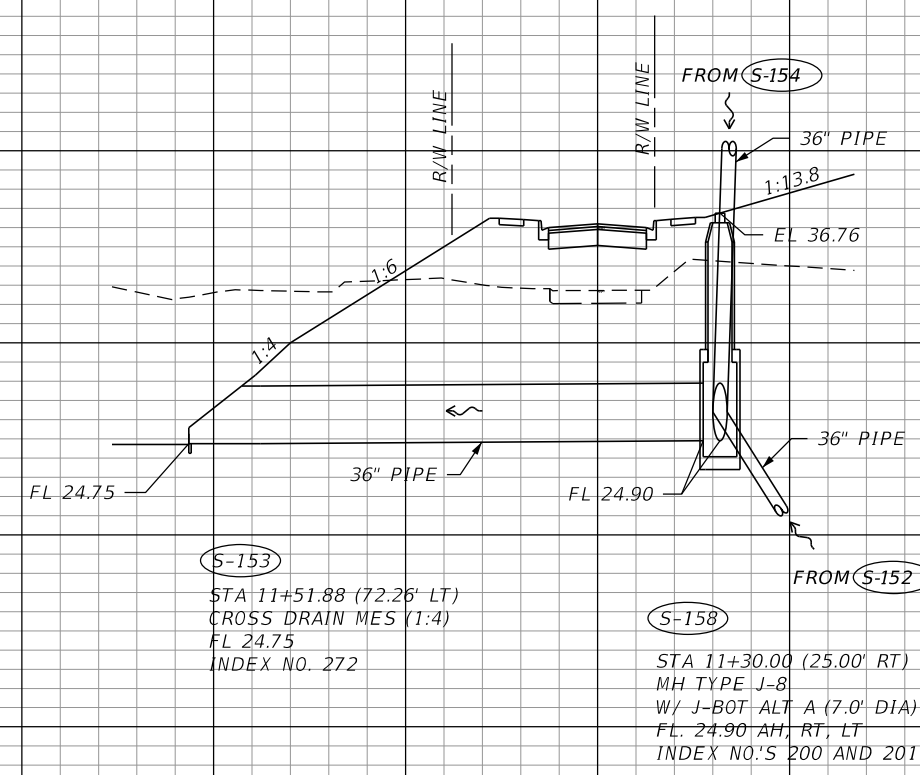
40

30

20

10

0



STA. 11+34.80  
 STA. 11+30.00  
 S-158  
 STA. 11+51.88  
 S-153

S-153  
 STA 11+51.88 (72.26' LT)  
 CROSS DRAIN MES (1:4)  
 FL 24.75  
 INDEX NO. 272

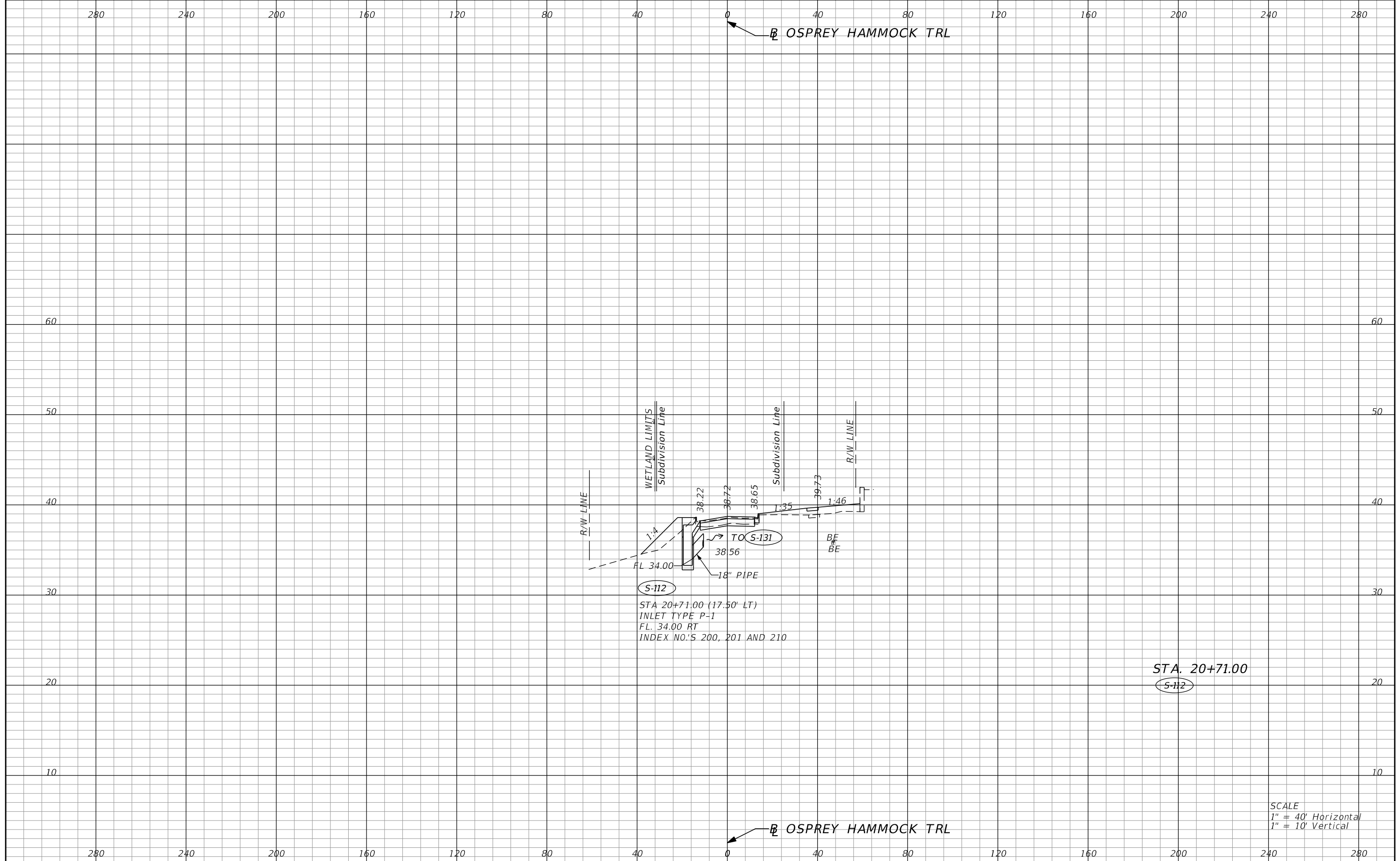
S-158  
 STA 11+30.00 (25.00' RT)  
 MH TYPE J-8  
 W/ J-BOT ALT A (7.0' DIA)  
 FL. 24.90' AH, RT, LT  
 INDEX NO.'S 200 AND 201

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

CONST WEKIVA PARK DR

280 240 200 160 120 80 40 0 40 80 120 160 200 240 280

| REVISIONS  |             |      |             | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      | SHEET<br>NO. |
|--|-------------|------|-------------|--|----------|----------------------|--------------|
| DATE   | DESCRIPTION | DATE | DESCRIPTION | ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |              |
|  |             |      |             | 429  | SEMINOLE | 240200-2-52-01       | 502          |
| DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 |             |      |             | <b>DRAINAGE STRUCTURES</b>                       |          |                      |              |

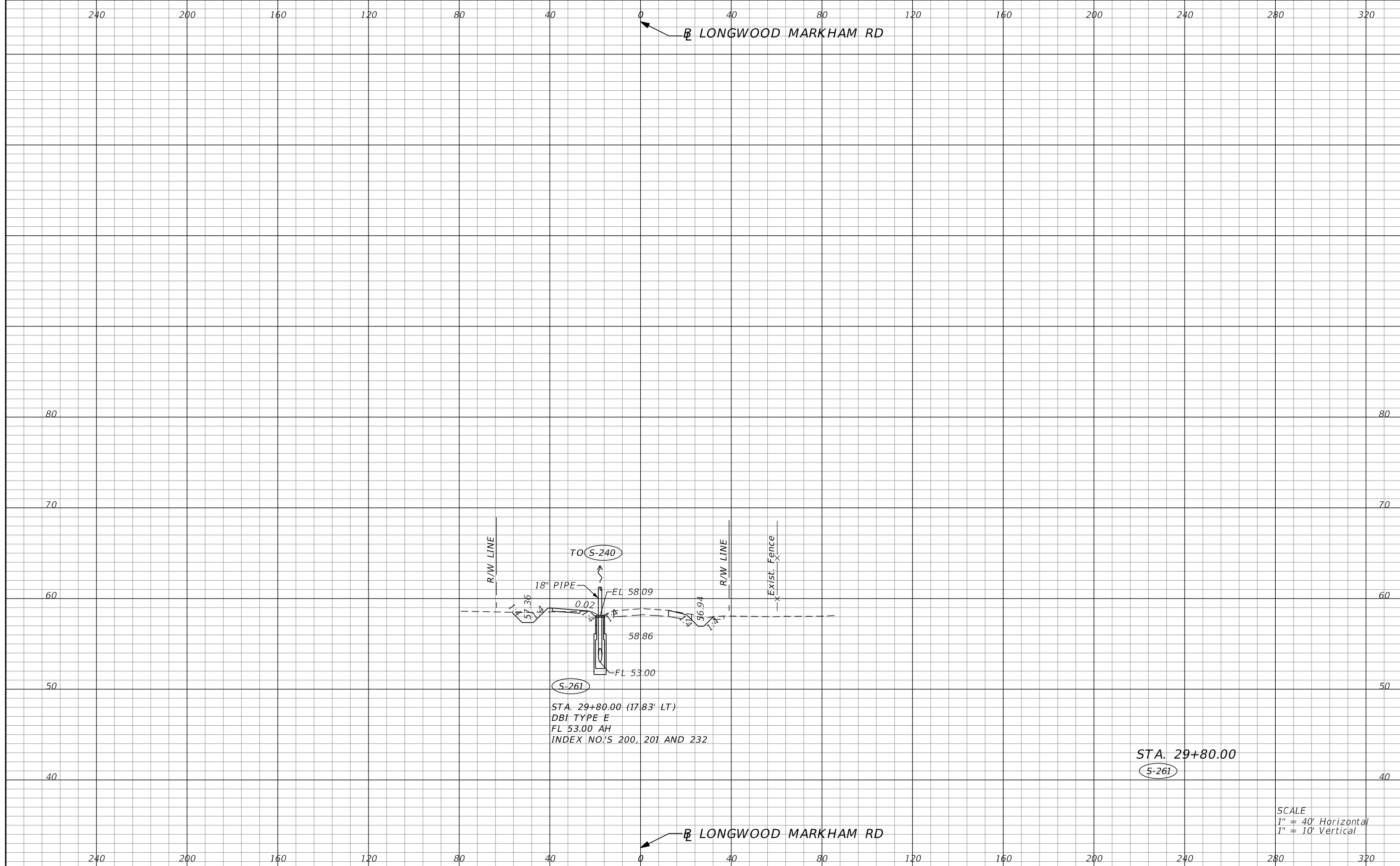


**S-112**  
 STA 20+71.00 (17.50' LT)  
 INLET TYPE P-1  
 FL. 34.00 RT  
 INDEX NO.'S 200, 201 AND 210

STA. 20+71.00  
**S-112**

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS  |             |      |             | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      | SHEET<br>NO. |
|--|-------------|------|-------------|--|----------|----------------------|--------------|
| DATE   | DESCRIPTION | DATE | DESCRIPTION | ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |              |
|  |             |      |             | 429  | SEMINOLE | 240200-2-52-01       | 503          |
| DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 |             |      |             | <b>DRAINAGE STRUCTURES</b>                       |          |                      |              |



TO S-240

18" PIPE

EL 58.09

0.02

58.86

FL 53.00

S-261

STA. 29+80.00 (17.83' LT)  
 DBI TYPE E  
 FL 53.00 AH  
 INDEX NO.'S 200, 201 AND 232

STA. 29+80.00

S-261

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

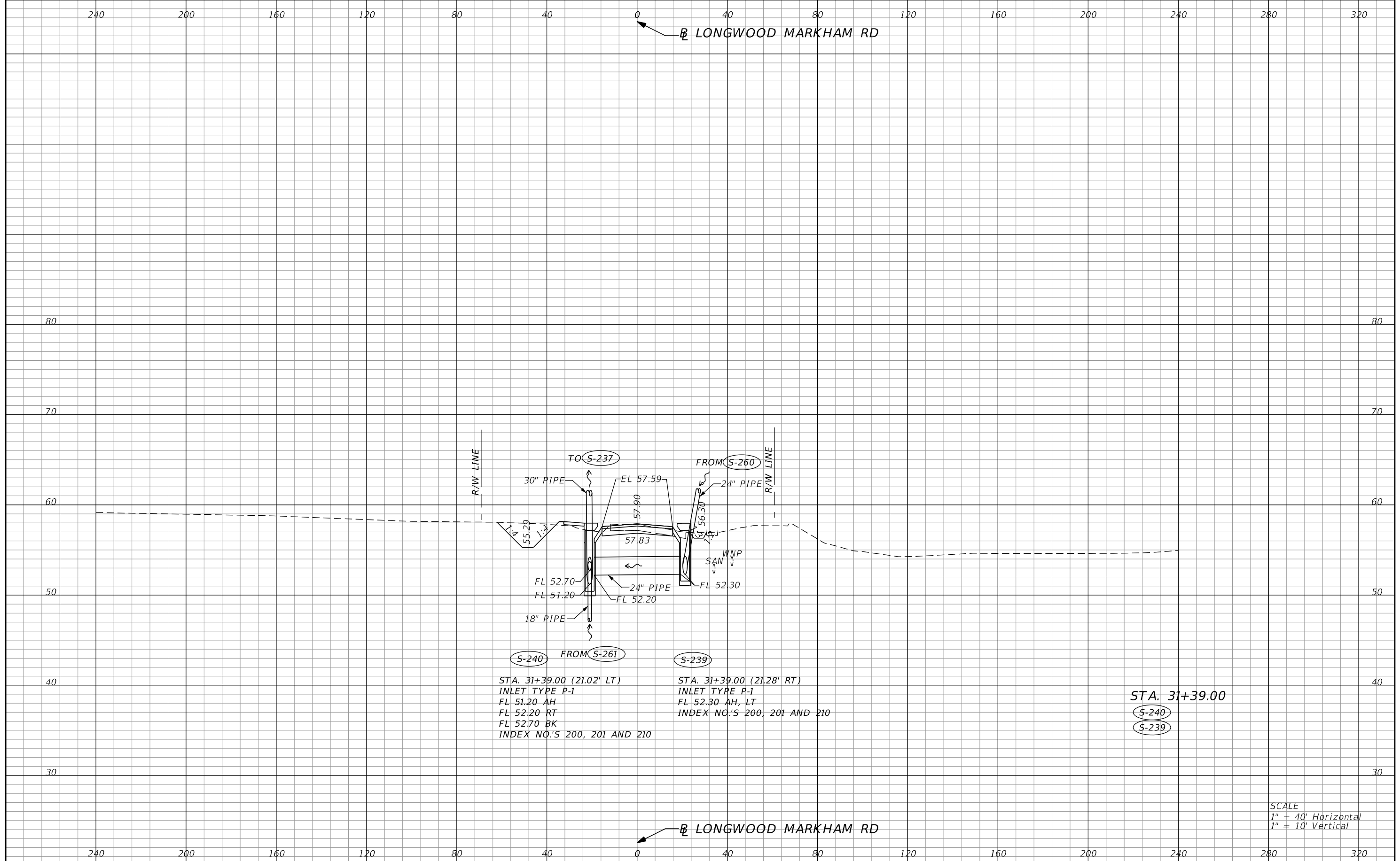
| REVISIONS |             |      |             |
|-----------|-------------|------|-------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |
|           |             |      |             |

DUSTIN E. PERKINS  
 P.E. LICENSE NO. 69225  
 URS CORPORATION  
 315 E. ROBINSON STREET, SUITE 245  
 ORLANDO, FL 32801-1949  
 PH (407) 422-0353 FAX (407) 423-2695  
 CERTIFICATE OF AUTHORIZATION NO. 000002

| STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      |
|--|----------|----------------------|
| ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |
| 429  | SEMINOLE | 240200-2-52-01       |

**DRAINAGE STRUCTURES**

SHEET NO.  
504



S-240 FROM S-261  
 STA. 31+39.00 (21.02' LT)  
 INLET TYPE P-1  
 FL 51.20 AH  
 FL 52.20 RT  
 FL 52.70 BK  
 INDEX NO.'S 200, 201 AND 210

S-239  
 STA. 31+39.00 (21.28' RT)  
 INLET TYPE P-1  
 FL 52.30 AH, LT  
 INDEX NO.'S 200, 201 AND 210

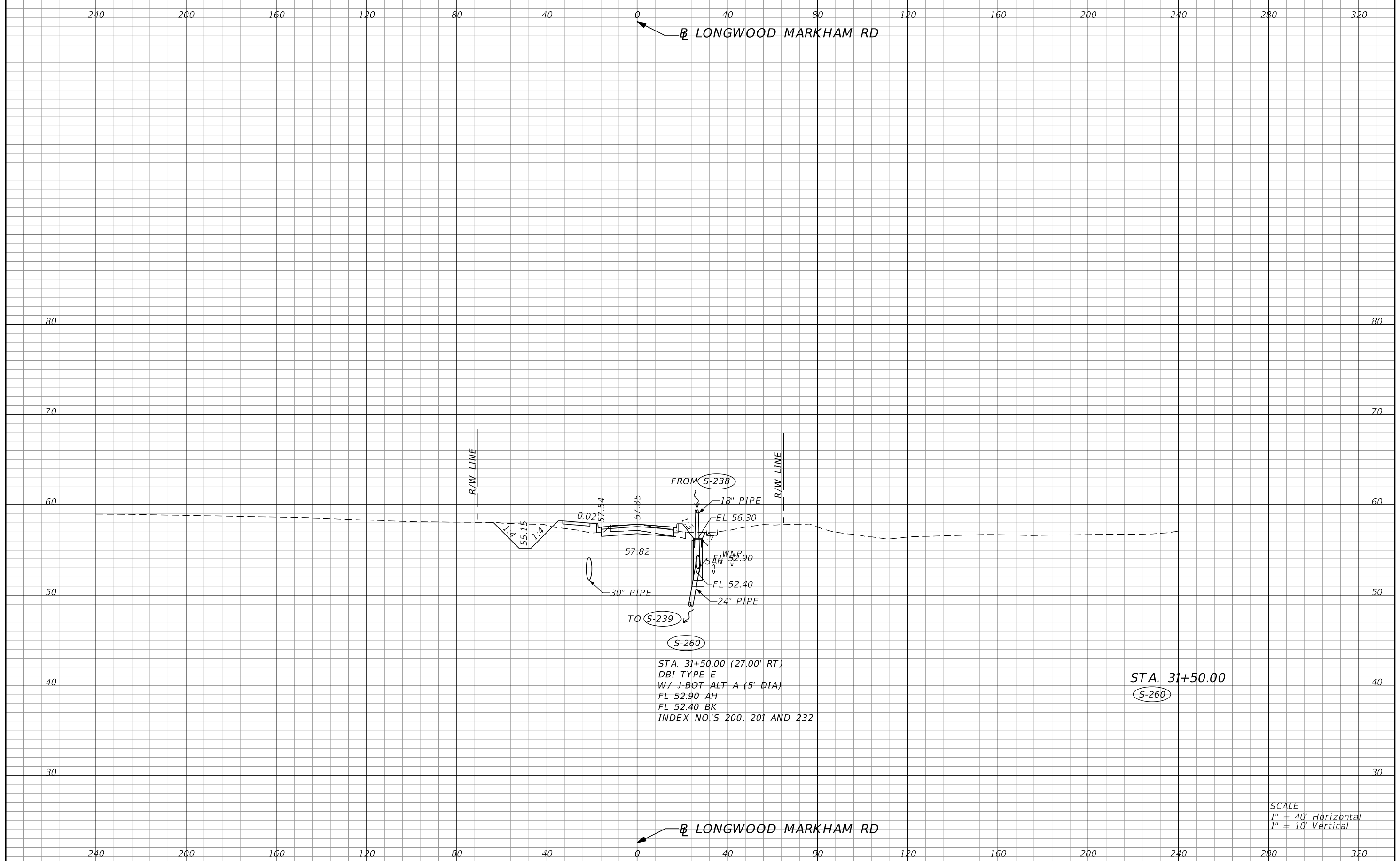
STA. 31+39.00  
 S-240  
 S-239

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |  | DATE |  | DESCRIPTION |  |
|-----------|--|------|--|-------------|--|
|           |  |      |  |             |  |

|  |        |                      |  |          |                |                            |                      |
|--|--------|----------------------|--|----------|----------------|----------------------------|----------------------|
| DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 |        |                      | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                | <b>DRAINAGE STRUCTURES</b> | SHEET NO.<br><br>505 |
| ROAD NO.   | COUNTY | FINANCIAL PROJECT ID | 429  | SEMINOLE | 240200-2-52-01 |                            |                      |





STA. 31+50.00 (27.00' RT)  
 DBI TYPE E  
 W/ J-BOT-ALT-A (5' DIA)  
 FL 52.90 AH  
 FL 52.40 BK  
 INDEX NO.'S 200, 201 AND 232

STA. 31+50.00  
 S-260

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

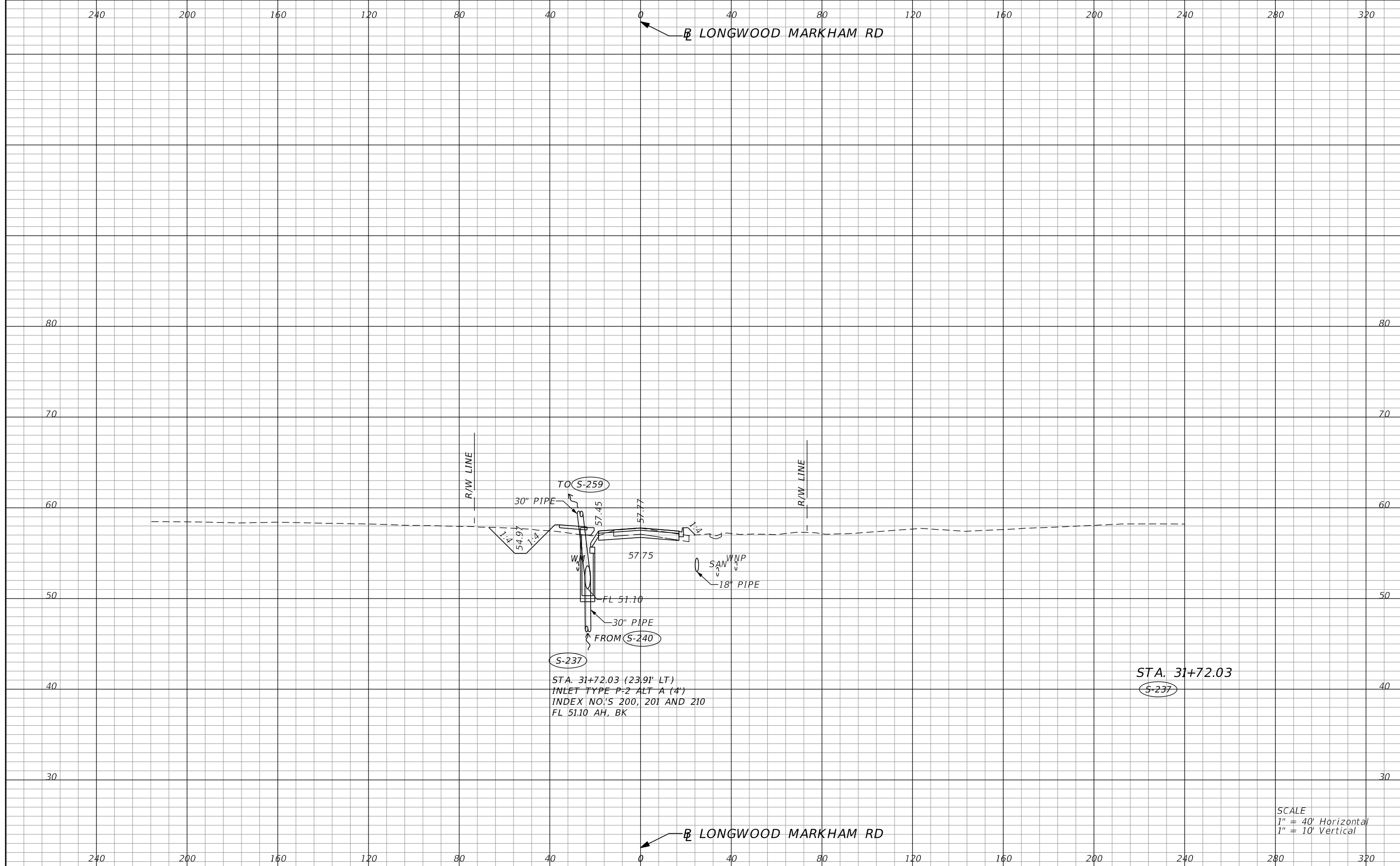
| REVISIONS |             |      |             |
|-----------|-------------|------|-------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |
|           |             |      |             |

DUSTIN E. PERKINS  
 P.E. LICENSE NO. 69225  
 URS CORPORATION  
 315 E. ROBINSON STREET, SUITE 245  
 ORLANDO, FL 32801-1949  
 PH (407) 422-0353 FAX (407) 423-2695  
 CERTIFICATE OF AUTHORIZATION NO. 000002

| STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      |
|--|----------|----------------------|
| ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |
| 429  | SEMINOLE | 240200-2-52-01       |

**DRAINAGE STRUCTURES**

SHEET NO.  
 506



S-237  
 STA. 31+72.03 (23.91' LT)  
 INLET TYPE P-2 ALT A (4')  
 INDEX NO.'S 200, 201 AND 210  
 FL 51.10 AH, BK

STA. 31+72.03  
 S-237

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

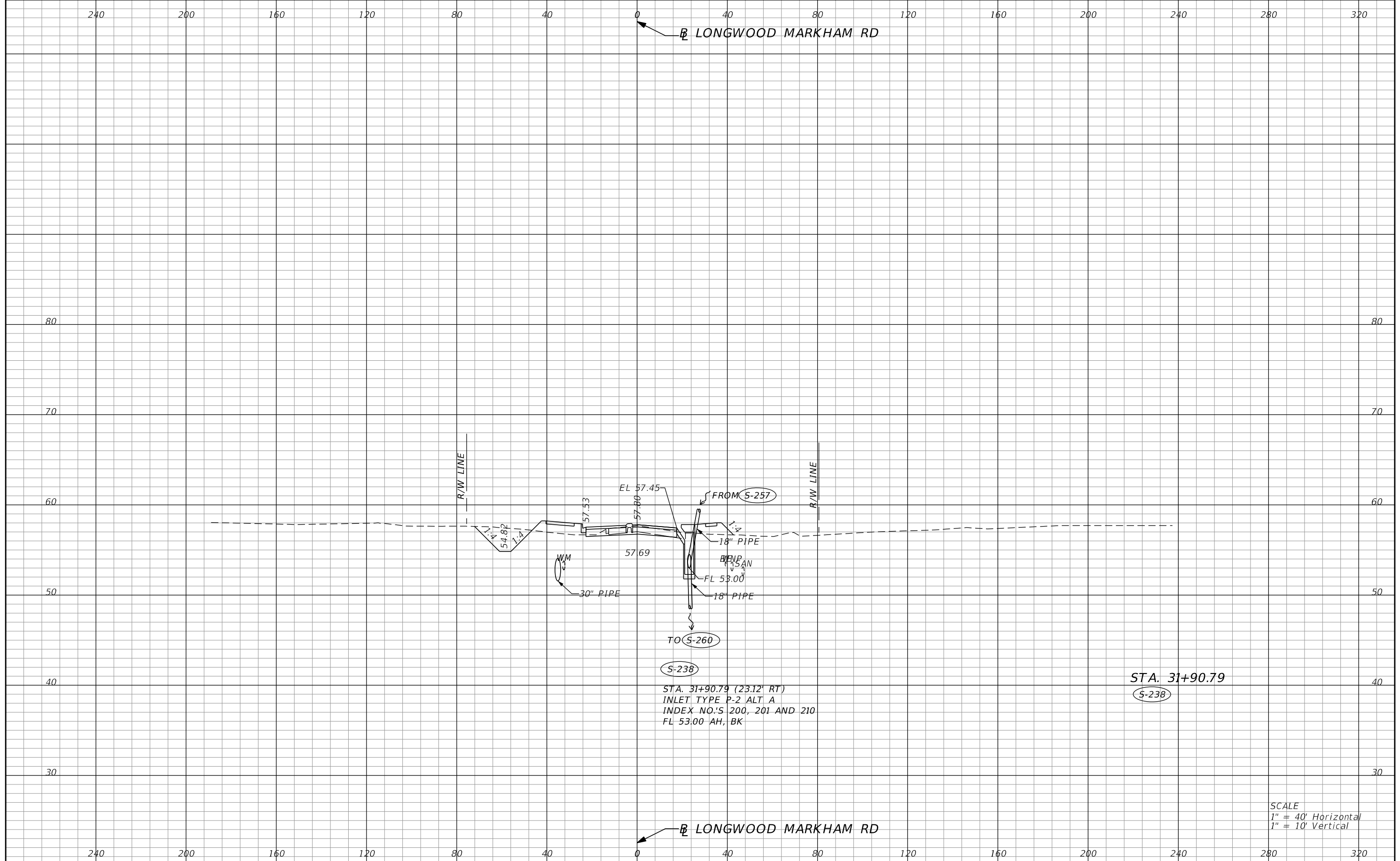
| REVISIONS |             |      |             |
|-----------|-------------|------|-------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |
|           |             |      |             |

DUSTIN E. PERKINS  
 P.E. LICENSE NO. 69225  
 URS CORPORATION  
 315 E. ROBINSON STREET, SUITE 245  
 ORLANDO, FL 32801-1949  
 PH (407) 422-0353 FAX (407) 423-2695  
 CERTIFICATE OF AUTHORIZATION NO. 000002

| STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      |
|--|----------|----------------------|
| ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |
| 429  | SEMINOLE | 240200-2-52-01       |

**DRAINAGE STRUCTURES**

SHEET NO.  
 507



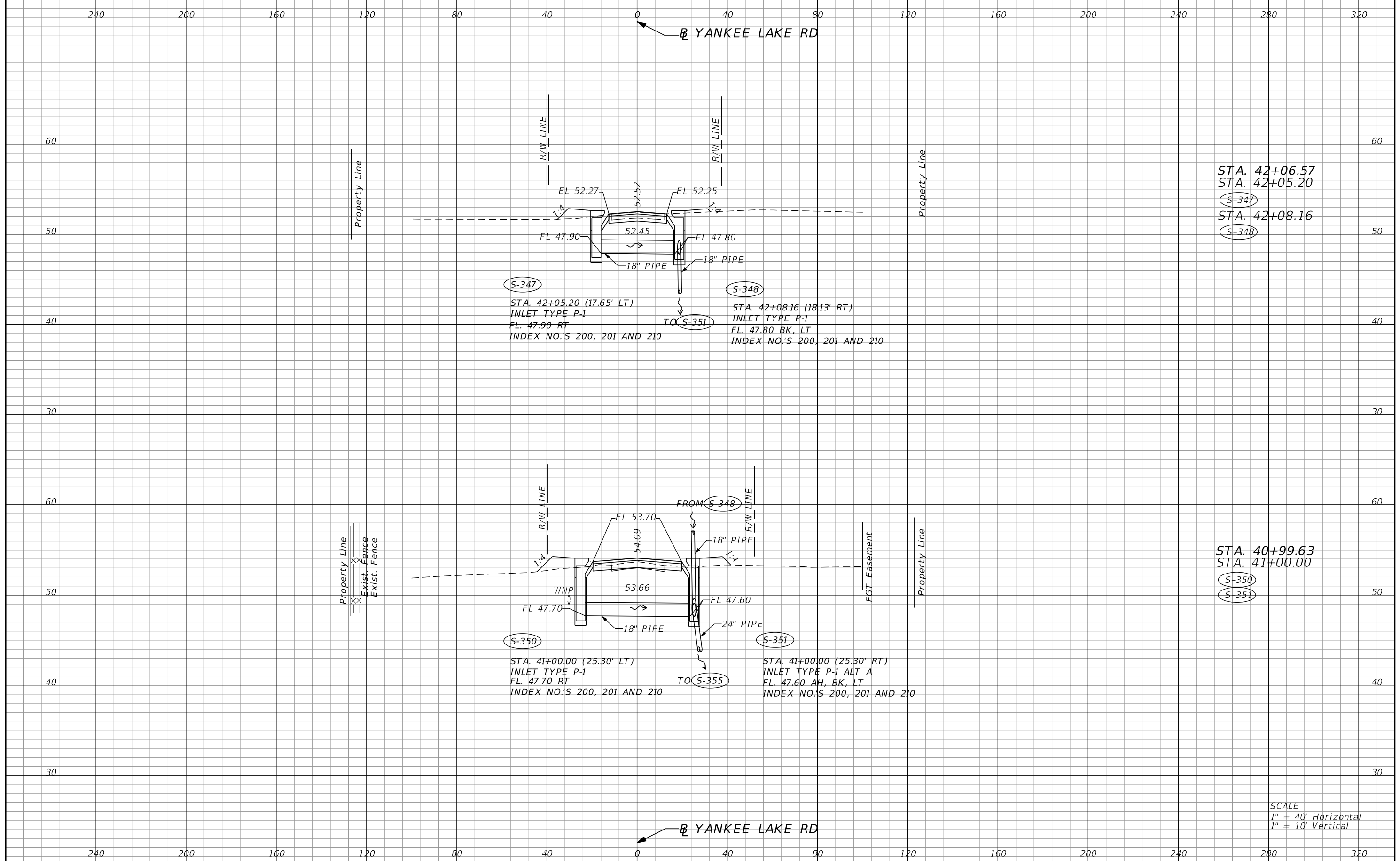
S-238  
 STA. 31+90.79 (23.12' RT)  
 INLET TYPE P-2 ALT A  
 INDEX NO.'S 200, 201 AND 210  
 FL 53.00 AH, BK

STA. 31+90.79  
 S-238

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |             |      |             | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      | SHEET<br>NO. |
|-----------|-------------|------|-------------|--|----------|----------------------|--------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION | ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |              |
|           |             |      |             | 429  | SEMINOLE | 240200-2-52-01       | 508          |

DUSTIN E. PERKINS  
 P.E. LICENSE NO. 69225  
 URS CORPORATION  
 315 E. ROBINSON STREET, SUITE 245  
 ORLANDO, FL 32801-1949  
 PH (407) 422-0353 FAX (407) 423-2695  
 CERTIFICATE OF AUTHORIZATION NO. 000002



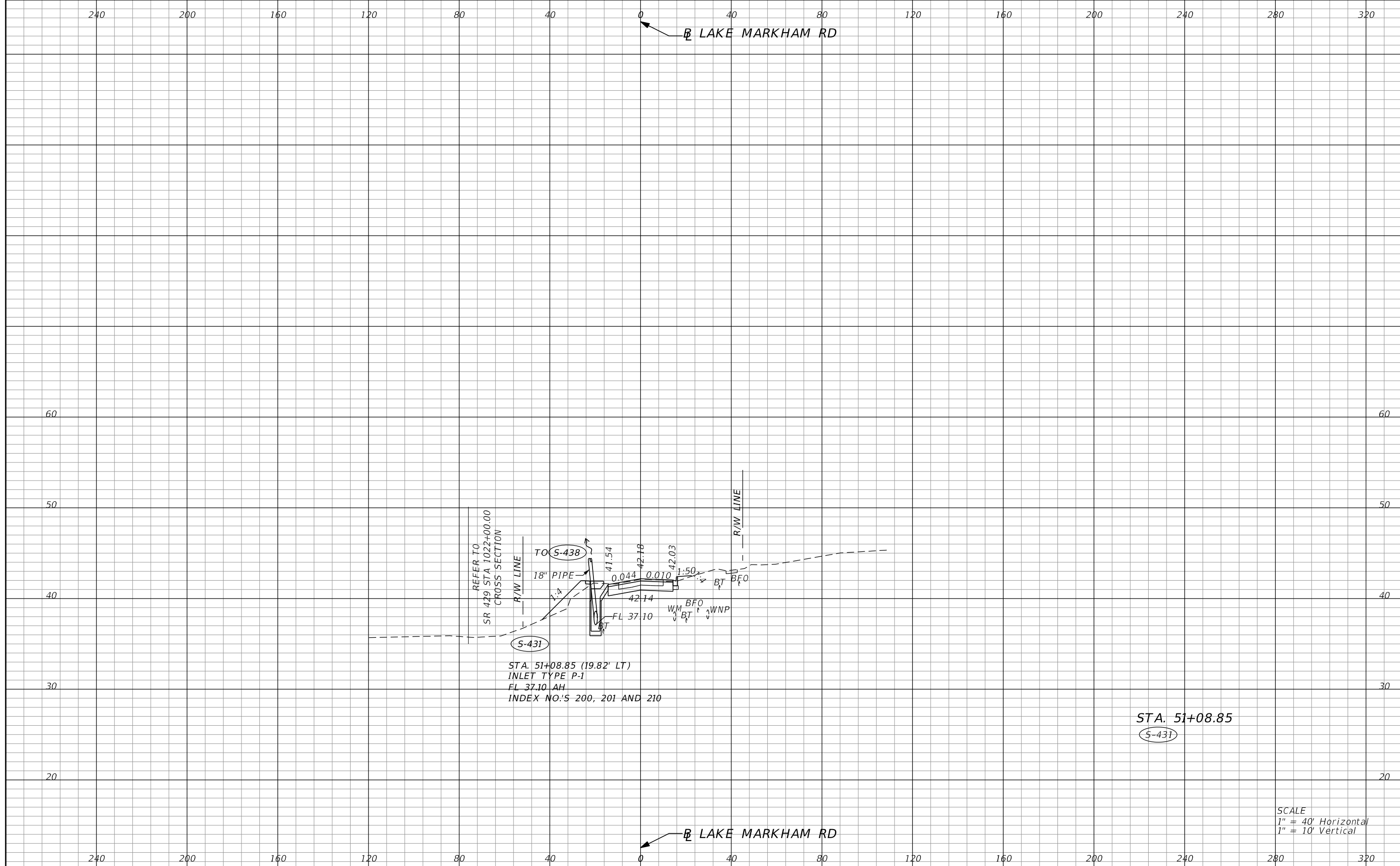
STA. 42+06.57  
 STA. 42+05.20  
 S-347  
 STA. 42+08.16  
 S-348

STA. 40+99.63  
 STA. 41+00.00  
 S-350  
 S-351

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |             | DESCRIPTION |             |
|-----------|-------------|-------------|-------------|
| DATE      | DESCRIPTION | DATE        | DESCRIPTION |
|           |             |             |             |

|  |          |                      |  |  |  |                            |                         |
|--|----------|----------------------|--|--|--|----------------------------|-------------------------|
| DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 |          |                      | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |  |  | <b>DRAINAGE STRUCTURES</b> | SHEET NO.<br><b>509</b> |
| ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |  |  |  |                            |                         |
| 429  | SEMINOLE | 240200-2-52-01       |  |  |  |                            |                         |



| REVISIONS |             |      |             |
|-----------|-------------|------|-------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |
|           |             |      |             |

DUSTIN E. PERKINS  
P.E. LICENSE NO. 69225  
URS CORPORATION  
315 E. ROBINSON STREET, SUITE 245  
ORLANDO, FL 32801-1949  
PH (407) 422-0353 FAX (407) 423-2695  
CERTIFICATE OF AUTHORIZATION NO. 000002

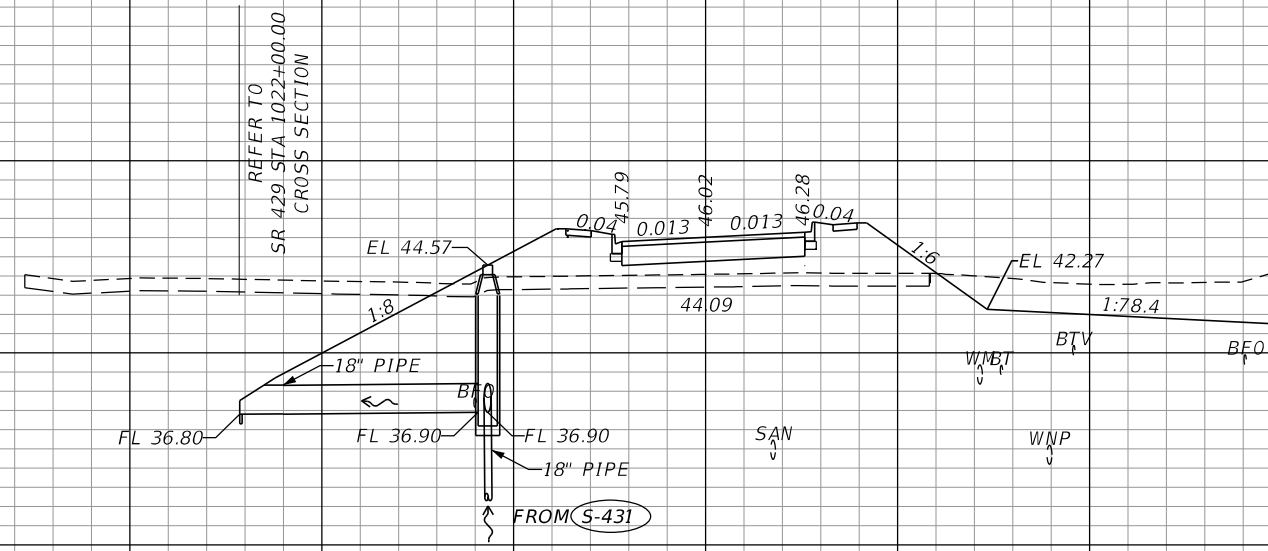
| STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      |
|--|----------|----------------------|
| ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |
| 429  | SEMINOLE | 240200-2-52-01       |

**DRAINAGE STRUCTURES**

SHEET NO.  
510

240 200 160 120 80 40 0 40 80 120 160 200 240 280 320

LAKE MARKHAM RD



STA. 52+31.51  
 Q CONST SR429  
 STA. 1022+05.00  
 S-448  
 Q CONST SR429  
 STA. 1022+50.00  
 S-438

**S-448**  
 Q CONST SR429  
 STA. 1022+05.00 (200.00' RT)  
 CROSS DRAIN MES (1:4)  
 FL 36.80  
 INDEX NO. 272

**S-438**  
 Q CONST SR429  
 STA. 1022+50.00 (200.00' RT)  
 MH TYPE J-8  
 W/ J-BOT ALT B (3.5'x4.0')  
 FL 36.90 BK, LT  
 FL 40.00 RT  
 INDEX NO.'S 200 AND 201

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

LAKE MARKHAM RD

240 200 160 120 80 40 0 40 80 120 160 200 240 280 320

| REVISIONS  |             | DESCRIPTION |             | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      | SHEET NO. |
|--|-------------|-------------|-------------|--|----------|----------------------|-----------|
| DATE   | DESCRIPTION | DATE        | DESCRIPTION | ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |           |
|  |             |             |             | 429  | SEMINOLE | 240200-2-52-01       | 511       |
| DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 |             |             |             | <b>DRAINAGE STRUCTURES</b>                       |          |                      |           |

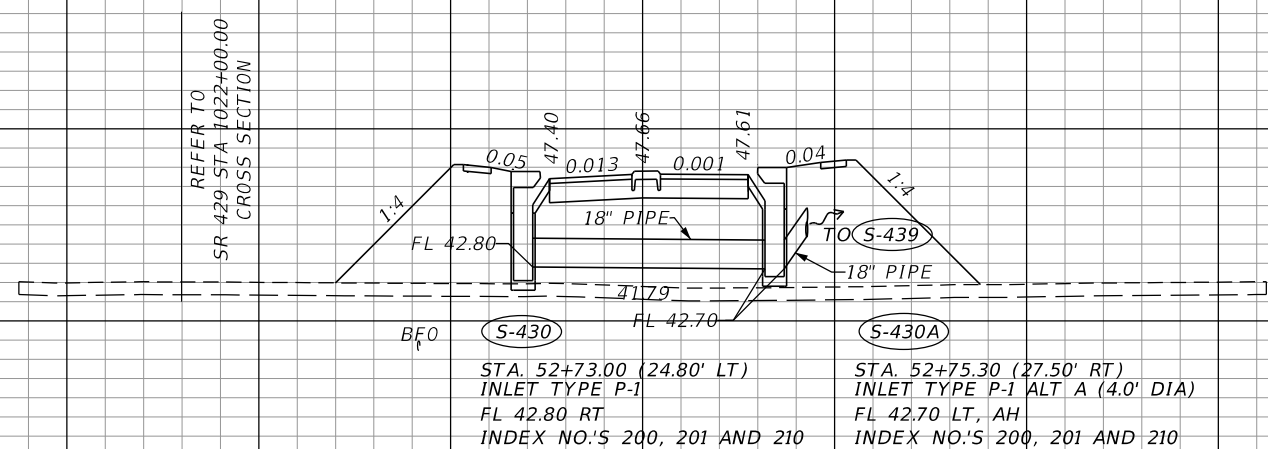
240 200 160 120 80 40 0 40 80 120 160 200 240 280 320

LAKE MARKHAM RD

60 60

50 50

40 40



REFER TO  
SR 429 STA 1022+00.00  
CROSS SECTION

STA. 52+73.00 (24.80' LT)  
INLET TYPE P-1  
FL 42.80 RT  
INDEX NO.'S 200, 201 AND 210

STA. 52+75.30 (27.50' RT)  
INLET TYPE P-1 ALT A (4.0' DIA)  
FL 42.70 LT, AH  
INDEX NO.'S 200, 201 AND 210

30 30

STA. 52+73.00  
S-430  
STA. 52+75.30  
S-430A

20 20

SCALE  
1" = 40' Horizontal  
1" = 10' Vertical

LAKE MARKHAM RD

240 200 160 120 80 40 0 40 80 120 160 200 240 280 320

| REVISIONS |  | DATE |  | DESCRIPTION |  |
|-----------|--|------|--|-------------|--|
|           |  |      |  |             |  |

|  |          |                      |  |  |  |                      |
|--|----------|----------------------|--|--|--|----------------------|
| DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 |          |                      | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |  |  | SHEET NO.<br><br>512 |
| ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID | DRAINAGE STRUCTURES                              |  |  |                      |
| 429  | SEMINOLE | 240200-2-52-01       |  |  |  |                      |

240 200 160 120 80 40 0 40 80 120 160 200 240 280 320

CONST GLADE VIEW DR

70 70

60 60

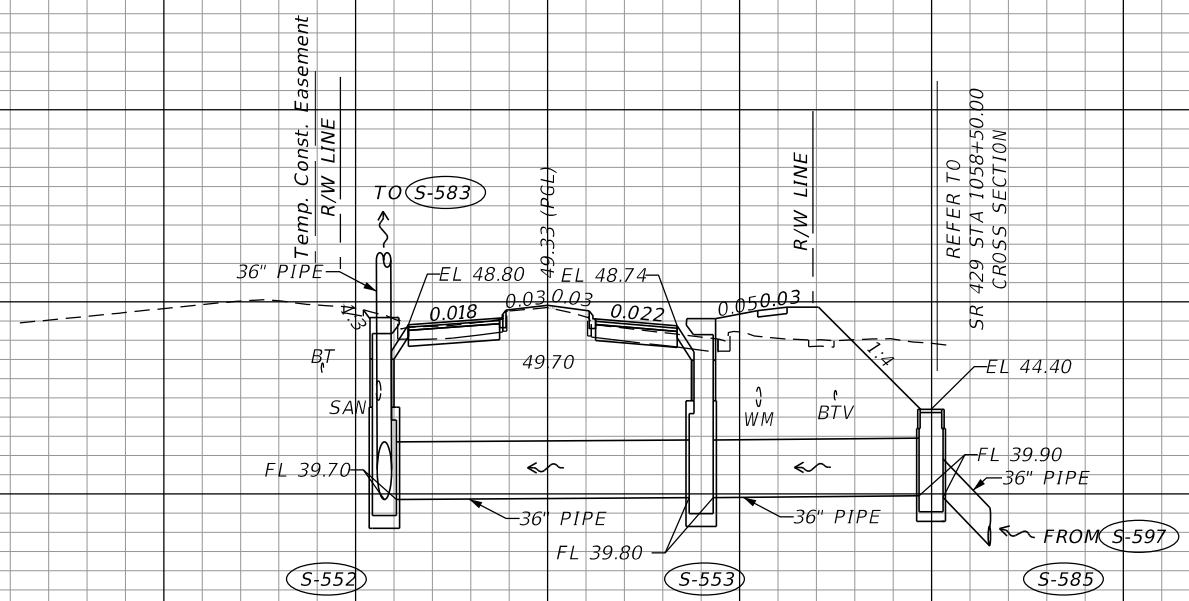
50 50

40 40

30 30

20 20

240 200 160 120 80 40 0 40 80 120 160 200 240 280 320



STA. 61+29.00  
 STA. 61+29.00  
 S-552  
 S-553  
 Q CONST SR 429  
 STA. 1058+50.13  
 S-585

**S-552**  
 STA. 61+29.00 (34.50' LT)  
 INLET TYPE J-1  
 W/ J-BOT ALT B (5.0'x5.0')  
 FL 39.70 AH, RT  
 INDEX NO.'S 200, 201 AND 210

**S-553**  
 STA. 61+29.00 (32.50' RT)  
 INLET TYPE J-1  
 W/ J-BOT ALT A (5.0' DIA)  
 FL 39.80 RT, LT  
 INDEX NO.'S 200, 201 AND 210

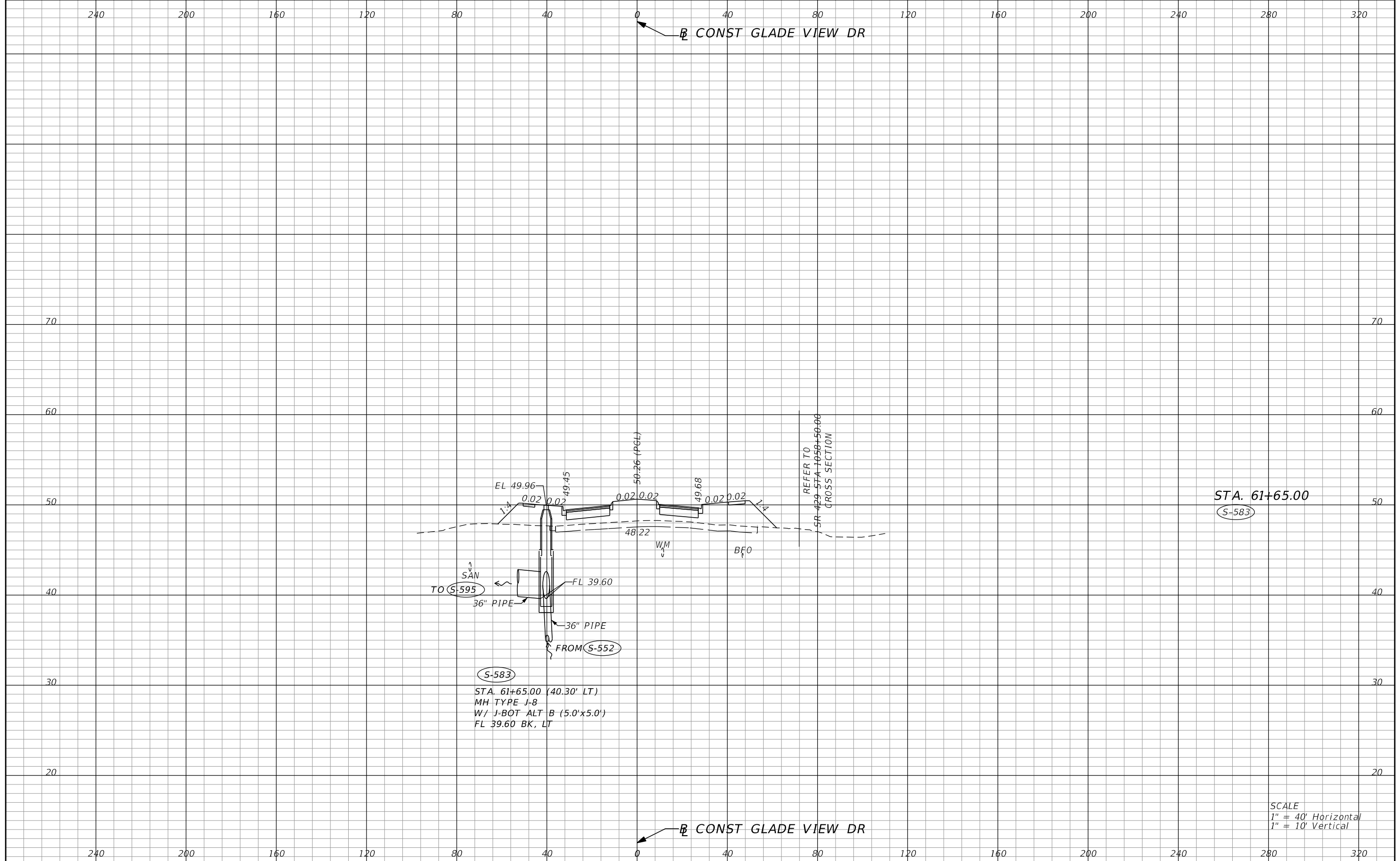
**S-585**  
 Q CONST SR429  
 STA. 1058+50.13 (175.34' RT)  
 DBI TYPE E  
 W/ J-BOT ALT A (5.0' DIA)  
 FL 39.90 RT, LT  
 INDEX NO. 200, 201, AND 232

CONST GLADE VIEW DR

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS                  |             | DATE     |  | DESCRIPTION  |           |
|----------------------------|-------------|----------|--|--|-----------|
| DATE                       | DESCRIPTION | DATE     | DESCRIPTION                                      |  |           |
|                            |             |          |  | DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 |           |
|                            |             |          | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |  |           |
|                            |             | ROAD NO. | COUNTY   | FINANCIAL PROJECT ID   |           |
|                            |             | 429      | SEMINOLE   | 240200-2-52-01   |           |
| <b>DRAINAGE STRUCTURES</b> |             |          |  |  | SHEET NO. |
|                            |             |          |  |  | 513       |





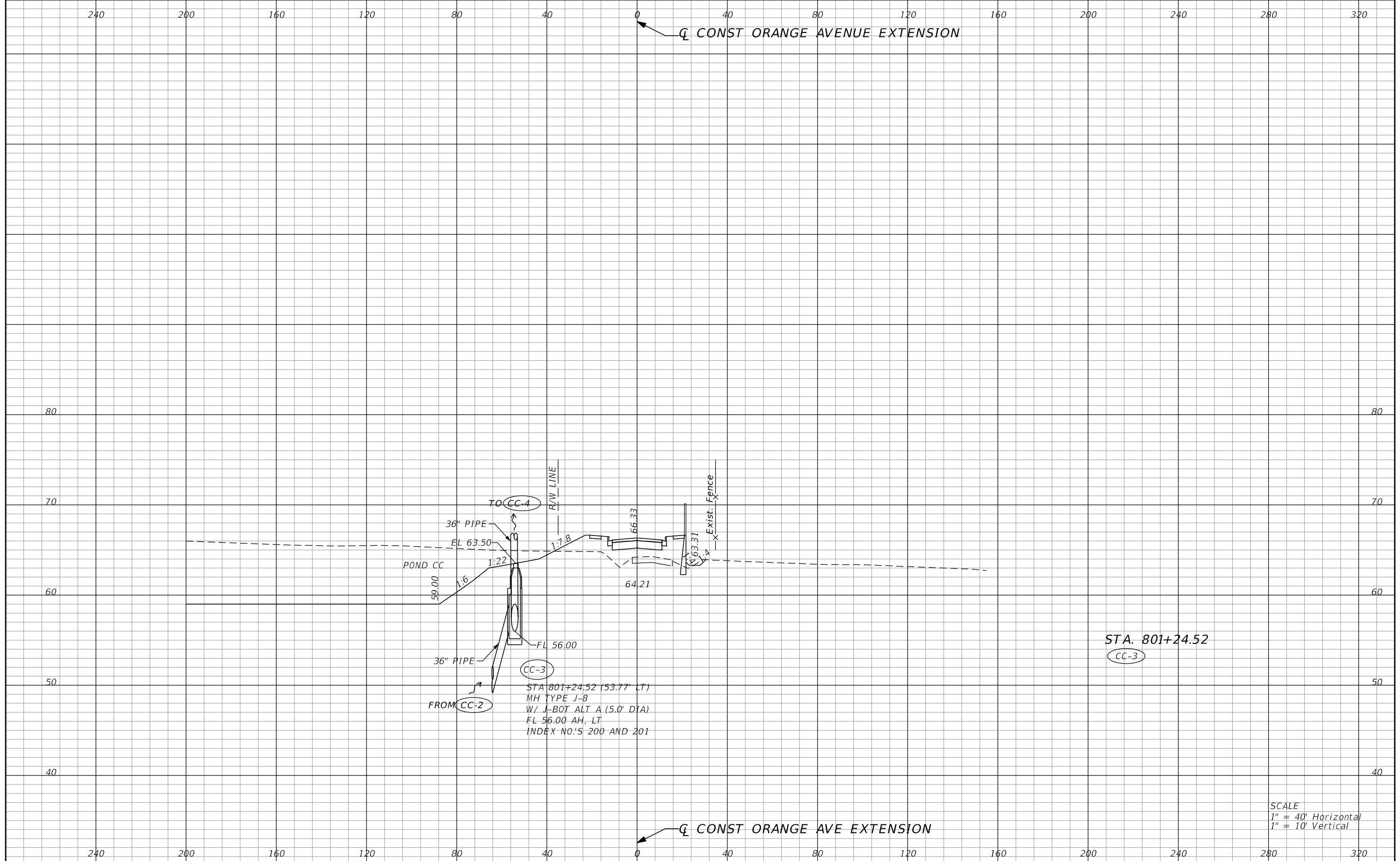
**S-583**  
 STA. 61+65.00 (40.30' LT)  
 MH TYPE J-8  
 W/ J-BOT ALT B (5.0'x5.0')  
 FL 39.60 BK, LT

STA. 61+65.00  
**S-583**

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |             |      |             | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      | SHEET<br>NO. |
|-----------|-------------|------|-------------|--|----------|----------------------|--------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION | ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |              |
|           |             |      |             | 429  | SEMINOLE | 240200-2-52-01       | 514          |

DUSTIN E. PERKINS  
 P.E. LICENSE NO. 69225  
 URS CORPORATION  
 315 E. ROBINSON STREET, SUITE 245  
 ORLANDO, FL 32801-1949  
 PH (407) 422-0353 FAX (407) 423-2695  
 CERTIFICATE OF AUTHORIZATION NO. 000002



STA 801+24.52 (53.77' LT)  
 MH TYPE J-8  
 W/ J-BOT ALT A (5.0' DIA)  
 FL 56.00 AH, LT  
 INDEX NO.'S 200 AND 201

STA. 801+24.52  
 CC-3

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

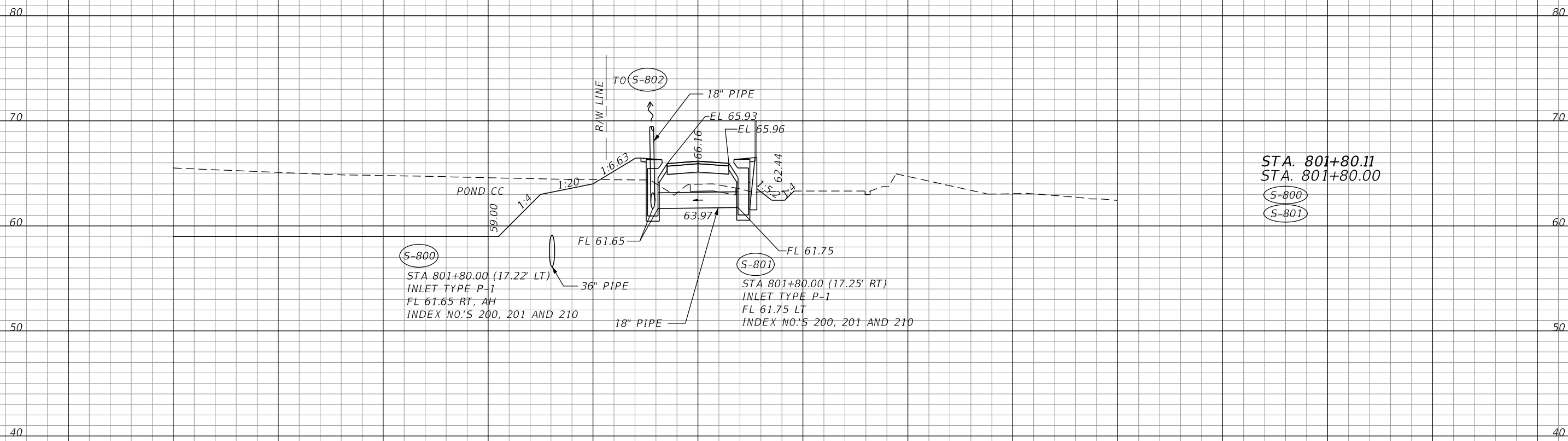
| REVISIONS |             |      |             | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      | SHEET<br>NO. |
|-----------|-------------|------|-------------|--|----------|----------------------|--------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION | ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |              |
|           |             |      |             | 429  | SEMINOLE | 240200-2-52-01       | 515          |

DUSTIN E. PERKINS  
 P.E. LICENSE NO. 69225  
 URS CORPORATION  
 315 E. ROBINSON STREET, SUITE 245  
 ORLANDO, FL 32801-1949  
 PH (407) 422-0353 FAX (407) 423-2695  
 CERTIFICATE OF AUTHORIZATION NO. 000002

glen\_dvorovy 10/13/2015 2:16:51 PM 0:\Projects\CADD\24020025201\drainage\Xsect\DRXSRD01\_S0rangeExt.DGN

240 200 160 120 80 40 0 40 80 120 160 200 240 280 320

CONST ORANGE AVENUE EXTENSION



STA. 801+80.11  
 STA. 801+80.00  
 S-800  
 S-801

S-800

STA 801+80.00 (17.22' LT)  
 INLET TYPE P-1  
 FL 61.65 RT, AH  
 INDEX NO.'S 200, 201 AND 210

S-801

STA 801+80.00 (17.25' RT)  
 INLET TYPE P-1  
 FL 61.75 LT  
 INDEX NO.'S 200, 201 AND 210

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

CONST ORANGE AVE EXTENSION

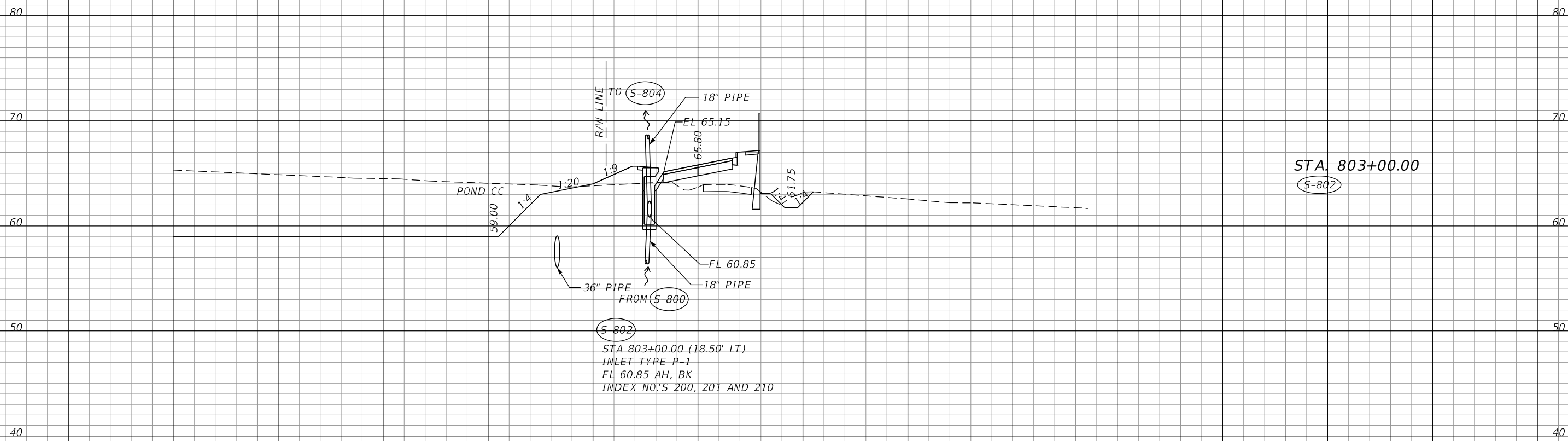
240 200 160 120 80 40 0 40 80 120 160 200 240 280 320

| DATE     |          | DESCRIPTION          |  | REVISIONS |  | DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 |  |  | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |  |  | SHEET NO.<br>516 |
|----------|----------|----------------------|--|-----------|--|--|--|--|--|--|--|------------------|
| ROAD NO. | COUNTY   | FINANCIAL PROJECT ID |  |           |  |  |  |  |  |  |  |                  |
| 429      | SEMINOLE | 240200-2-52-01       |  |           |  |  |  |  |  |  |  |                  |

DRAINAGE STRUCTURES

240 200 160 120 80 40 0 40 80 120 160 200 240 280 320

CONST ORANGE AVENUE EXTENSION



STA. 803+00.00  
S-802

S-802  
STA 803+00.00 (18.50' LT)  
INLET TYPE P-1  
FL 60.85 AH, BK  
INDEX NO.'S 200, 201 AND 210

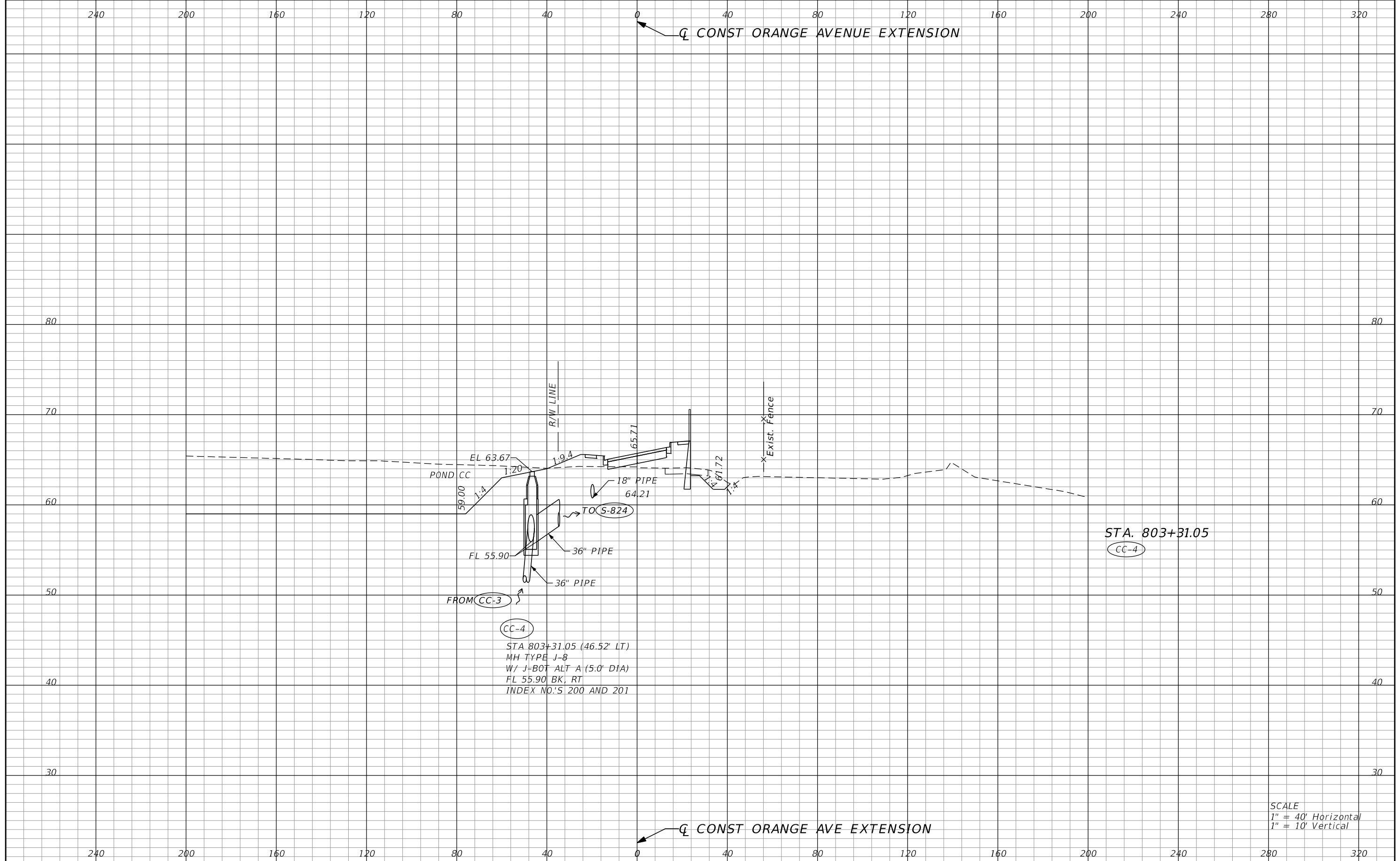
SCALE  
1" = 40' Horizontal  
1" = 10' Vertical

CONST ORANGE AVE EXTENSION

240 200 160 120 80 40 0 40 80 120 160 200 240 280 320

| REVISIONS |             |      |             | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      | SHEET<br>NO. |
|-----------|-------------|------|-------------|--|----------|----------------------|--------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION | ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |              |
|           |             |      |             | 429  | SEMINOLE | 240200-2-52-01       | 517          |

DUSTIN E. PERKINS  
P.E. LICENSE NO. 69225  
URS CORPORATION  
315 E. ROBINSON STREET, SUITE 245  
ORLANDO, FL 32801-1949  
PH (407) 422-0353 FAX (407) 423-2695  
CERTIFICATE OF AUTHORIZATION NO. 000002

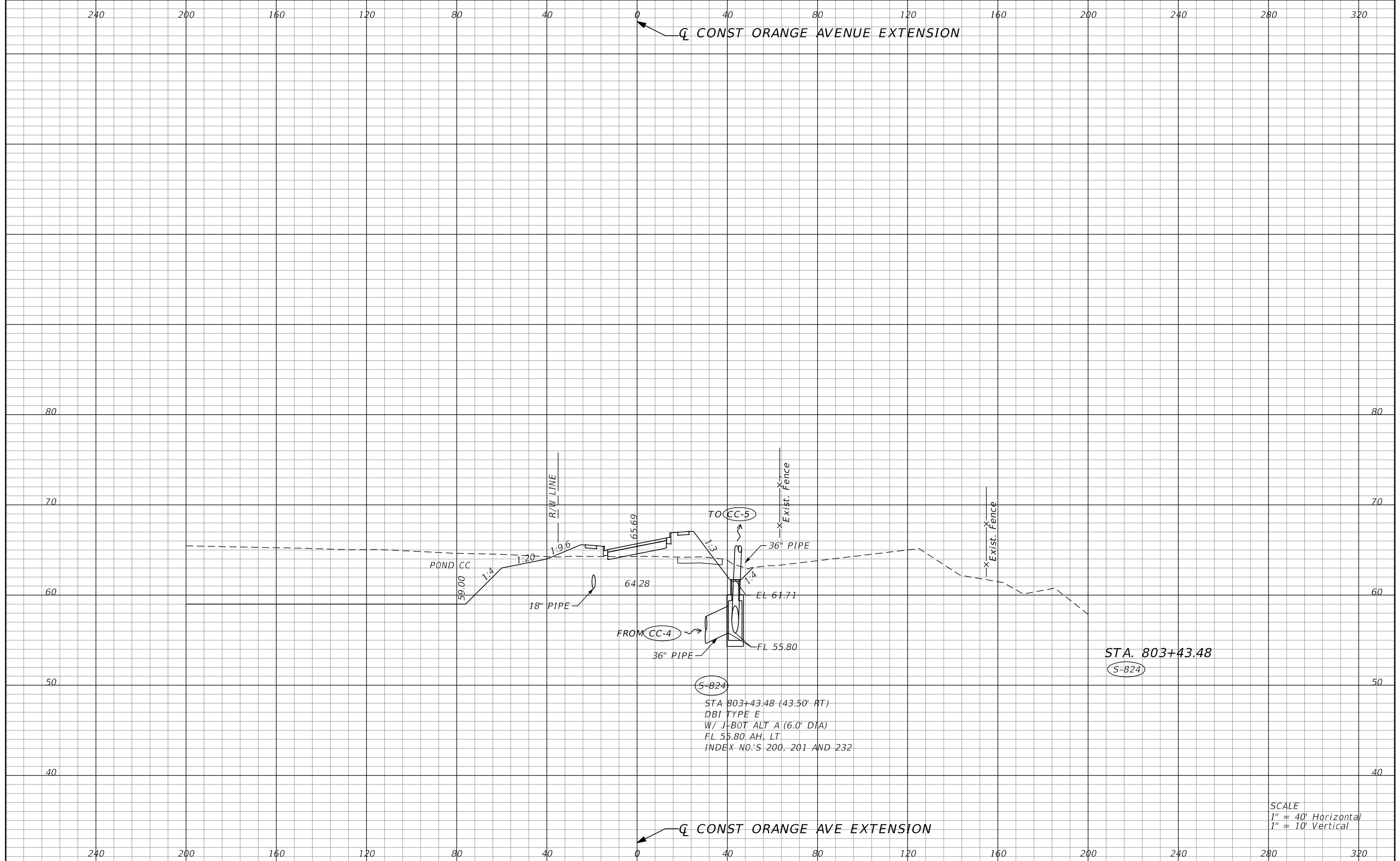


(CC-4)  
 STA 803+31.05 (46.52' LT)  
 MH TYPE J-8  
 W/ J-BOT ALT A (5.0' DIA)  
 FL 55.90 BK, RT  
 INDEX NO.'S 200 AND 201

STA. 803+31.05  
 (CC-4)

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |             |      |             | DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |                |                      | <b>DRAINAGE STRUCTURES</b> | SHEET<br>NO.<br><br>518 |
|-----------|-------------|------|-------------|--|--|----------------|----------------------|----------------------------|-------------------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |  | ROAD NO.   | COUNTY         | FINANCIAL PROJECT ID |                            |                         |
|           |             |      |             | 429  | SEMINOLE   | 240200-2-52-01 |                      |                            |                         |



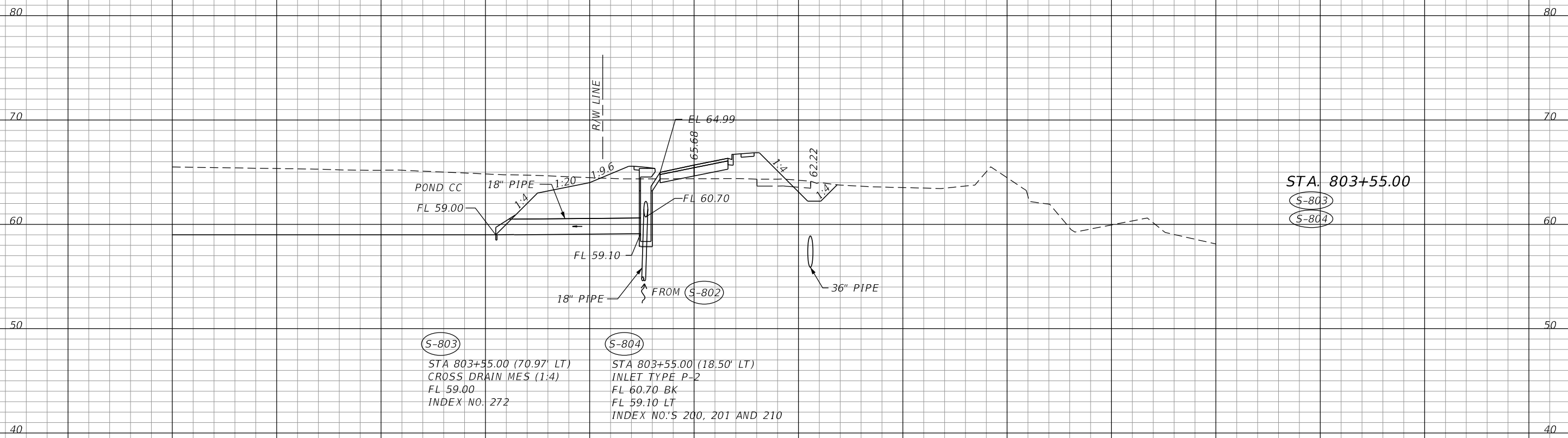
SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |             | DATE |             | DESCRIPTION |  |
|-----------|-------------|------|-------------|-------------|--|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |             |  |

|  |        |                      |  |          |                |                            |                             |
|--|--------|----------------------|--|----------|----------------|----------------------------|-----------------------------|
| DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 |        |                      | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                | <b>DRAINAGE STRUCTURES</b> | SHEET NO.<br><br><b>519</b> |
| ROAD NO.   | COUNTY | FINANCIAL PROJECT ID | 429  | SEMINOLE | 240200-2-52-01 |                            |                             |

240 200 160 120 80 40 0 40 80 120 160 200 240 280 320

CONST ORANGE AVENUE EXTENSION



STA. 803+55.00

S-803  
S-804

S-803

STA 803+55.00 (70.97' LT)  
CROSS DRAIN MES (1:4)  
FL 59.00  
INDEX NO. 272

S-804

STA 803+55.00 (18.50' LT)  
INLET TYPE P-2  
FL 60.70 BK  
FL 59.10 LT  
INDEX NO.'S 200, 201 AND 210

SCALE  
1" = 40' Horizontal  
1" = 10' Vertical

CONST ORANGE AVE EXTENSION

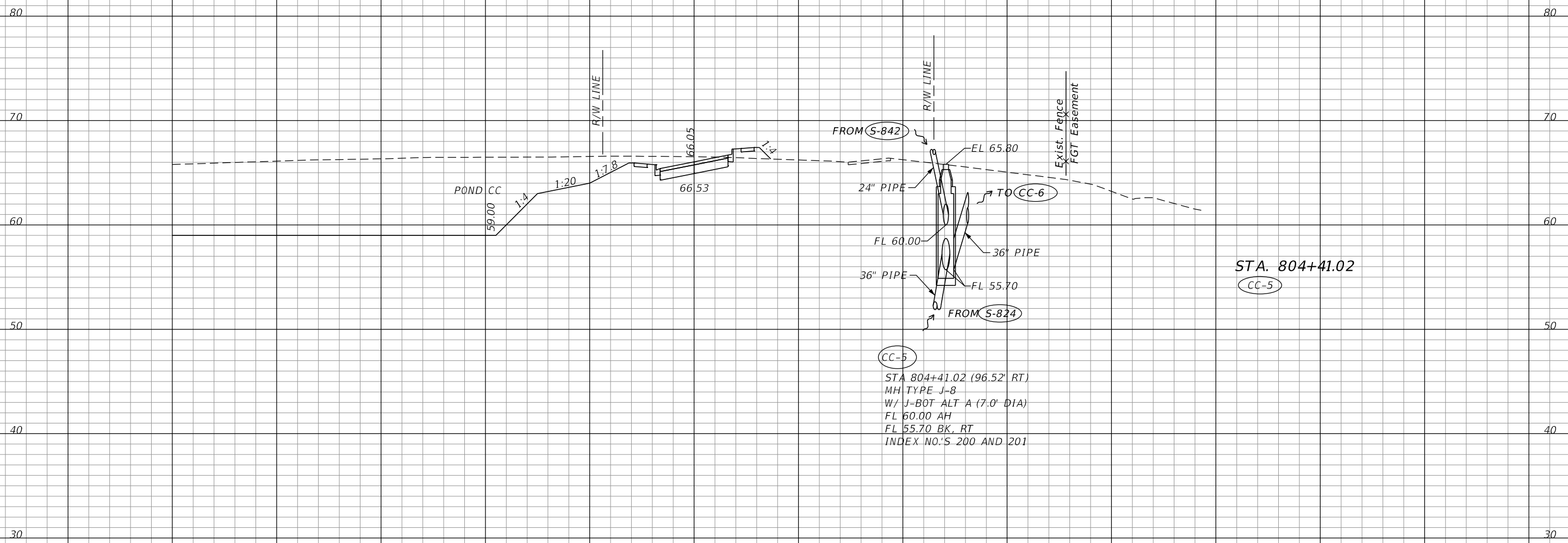
240 200 160 120 80 40 0 40 80 120 160 200 240 280 320

| REVISIONS |             |      |             | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      | SHEET<br>NO. |
|-----------|-------------|------|-------------|--|----------|----------------------|--------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION | ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |              |
|           |             |      |             | 429  | SEMINOLE | 240200-2-52-01       | 520          |

DUSTIN E. PERKINS  
P.E. LICENSE NO. 69225  
URS CORPORATION  
315 E. ROBINSON STREET, SUITE 245  
ORLANDO, FL 32801-1949  
PH (407) 422-0353 FAX (407) 423-2695  
CERTIFICATE OF AUTHORIZATION NO. 000002

240 200 160 120 80 40 0 40 80 120 160 200 240 280 320

CONST ORANGE AVENUE EXTENSION



STA. 804+41.02  
CC-5

CC-5  
 STA 804+41.02 (96.52' RT)  
 MH TYPE J-8  
 W/ J-BOT ALT A (7.0' DIA)  
 FL 60.00 AH  
 FL 55.70 BK, RT  
 INDEX NO.'S 200 AND 201

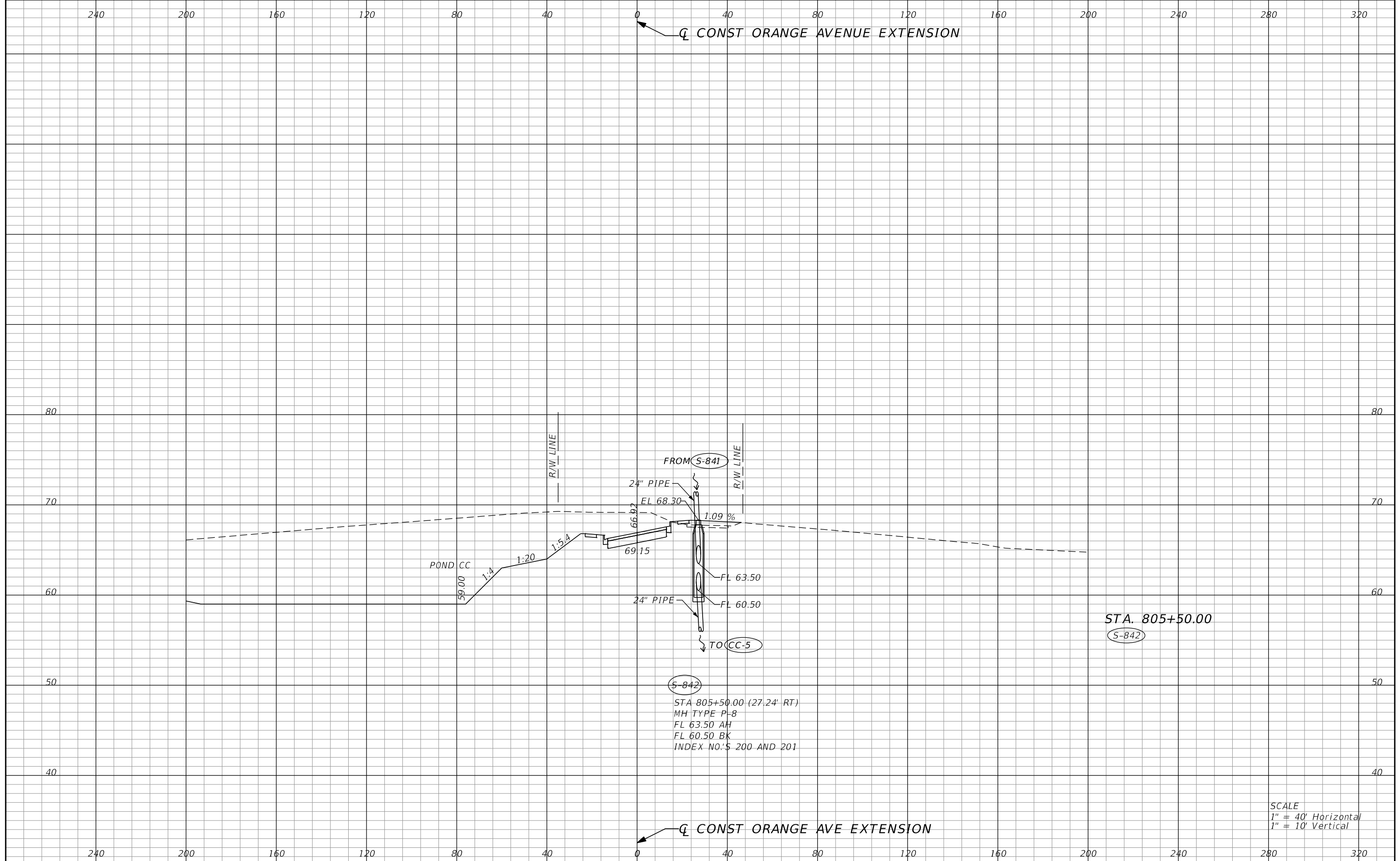
SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

240 200 160 120 80 40 0 40 80 120 160 200 240 280 320

CONST ORANGE AVE EXTENSION

| REVISIONS  |             |      |             | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      | SHEET<br>NO. |
|--|-------------|------|-------------|--|----------|----------------------|--------------|
| DATE   | DESCRIPTION | DATE | DESCRIPTION | ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |              |
|  |             |      |             | 429  | SEMINOLE | 240200-2-52-01       | 521          |
| DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 |             |      |             | <b>DRAINAGE STRUCTURES</b>                       |          |                      |              |





(S-842)  
 STA 805+50.00 (27.24' RT)  
 MH TYPE P-8  
 FL 63.50 AH  
 FL 60.50 BK  
 INDEX NO.'S 200 AND 201

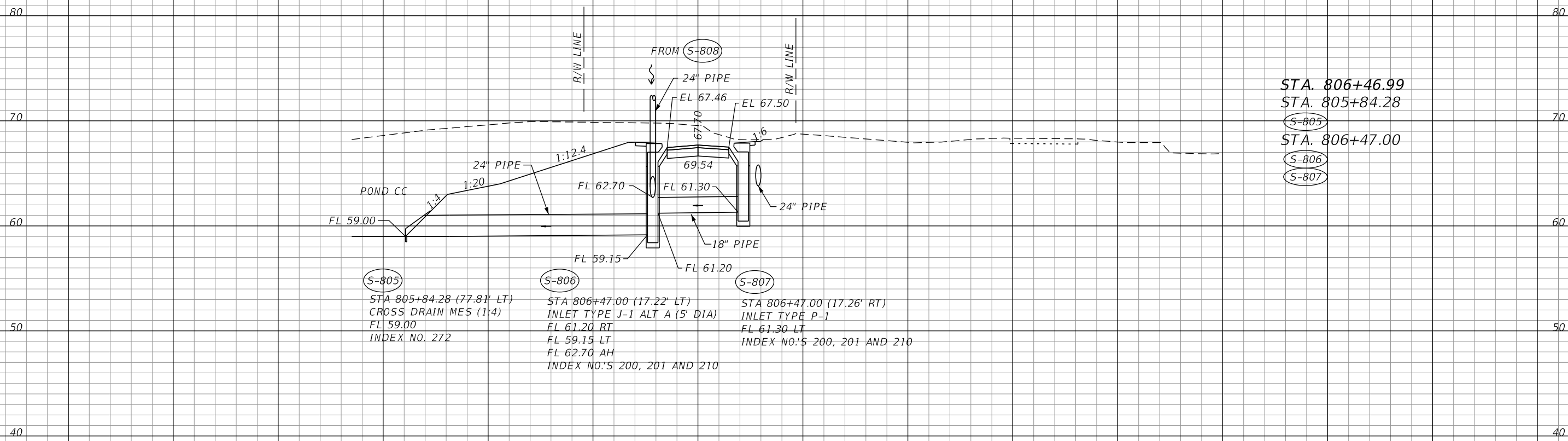
SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| DATE |  | DESCRIPTION |  | REVISIONS |  |
|------|--|-------------|--|-----------|--|
|      |  |             |  |           |  |

|  |        |                      |  |          |                |                            |                            |
|--|--------|----------------------|--|----------|----------------|----------------------------|----------------------------|
| DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 |        |                      | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                | <b>DRAINAGE STRUCTURES</b> | SHEET<br>NO.<br><b>522</b> |
| ROAD NO.   | COUNTY | FINANCIAL PROJECT ID | 429  | SEMINOLE | 240200-2-52-01 |                            |                            |

240 200 160 120 80 40 0 40 80 120 160 200 240 280 320

CONST ORANGE AVENUE EXTENSION



STA. 806+46.99  
 STA. 805+84.28  
 S-805  
 STA. 806+47.00  
 S-806  
 S-807

S-805  
 STA 805+84.28 (77.81' LT)  
 CROSS DRAIN MES (1:4)  
 FL 59.00  
 INDEX NO. 272

S-806  
 STA 806+47.00 (17.22' LT)  
 INLET TYPE J-1 ALT A (5' DIA)  
 FL 61.20 RT  
 FL 59.15 LT  
 FL 62.70 AH  
 INDEX NO'S 200, 201 AND 210

S-807  
 STA 806+47.00 (17.26' RT)  
 INLET TYPE P-1  
 FL 61.30 LT  
 INDEX NO'S 200, 201 AND 210

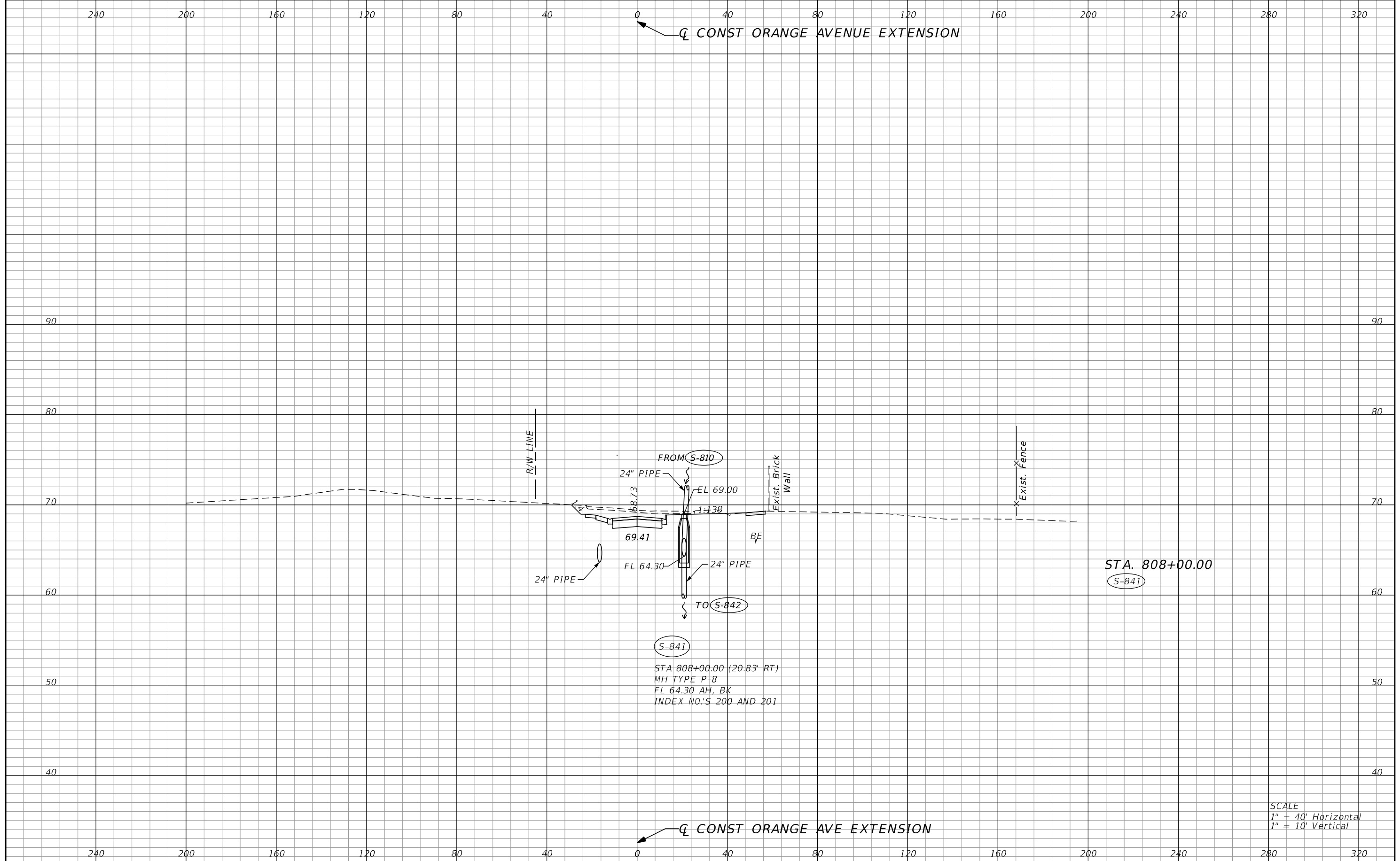
SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

CONST ORANGE AVE EXTENSION

240 200 160 120 80 40 0 40 80 120 160 200 240 280 320

| REVISIONS |  | DATE |  | DESCRIPTION |  |
|-----------|--|------|--|-------------|--|
|           |  |      |  |             |  |

|  |        |                      |  |          |                |                  |
|--|--------|----------------------|--|----------|----------------|------------------|
| DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 |        |                      | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                | SHEET NO.<br>523 |
| ROAD NO.   | COUNTY | FINANCIAL PROJECT ID | 429  | SEMINOLE | 240200-2-52-01 |                  |



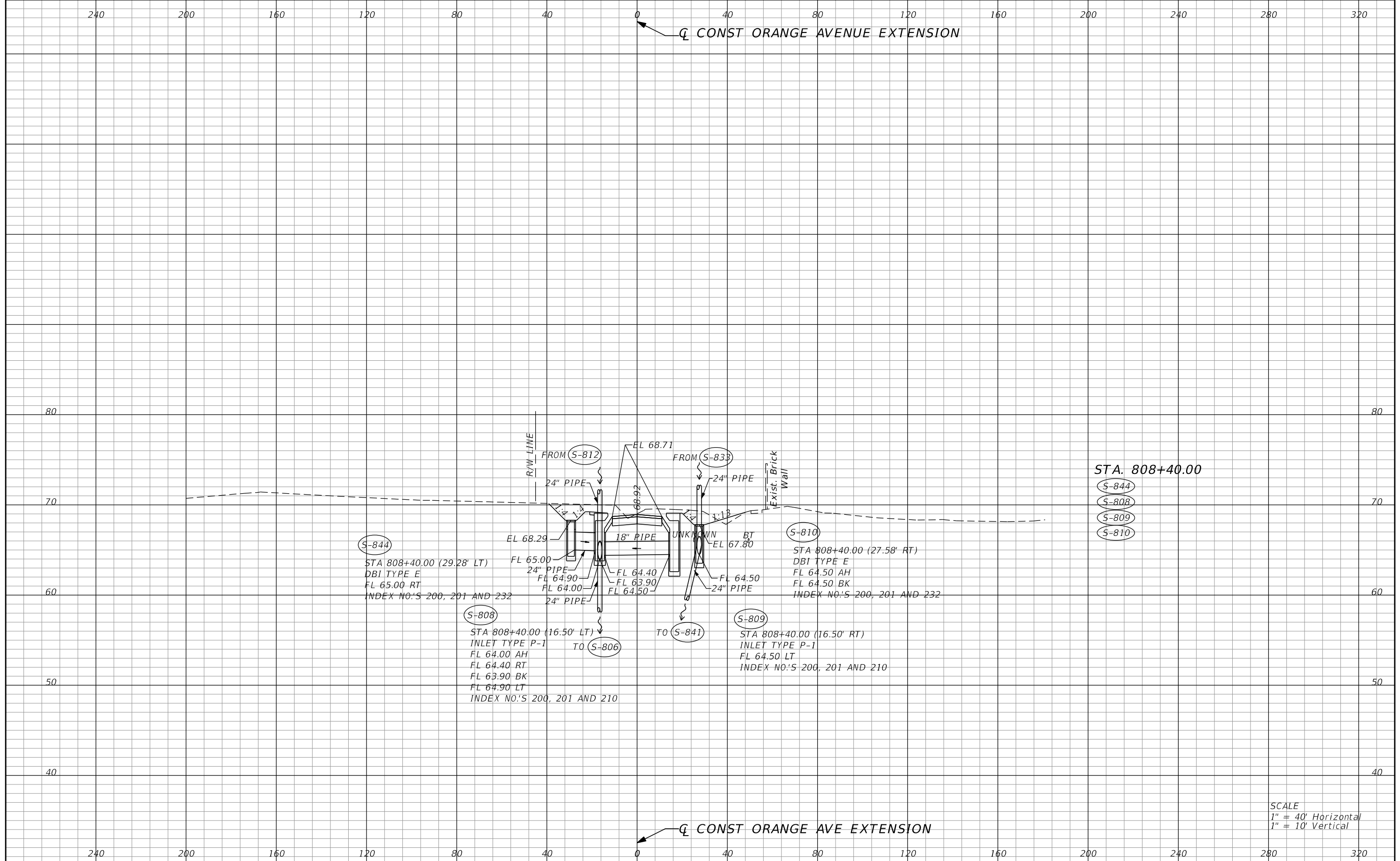
S-841  
 STA 808+00.00 (20.83' RT)  
 MH TYPE P-8  
 FL 64.30 AH, BK  
 INDEX NO.'S 200 AND 201

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |             |      |             | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      | SHEET<br>NO. |
|-----------|-------------|------|-------------|--|----------|----------------------|--------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION | ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |              |
|           |             |      |             | 429  | SEMINOLE | 240200-2-52-01       | 524          |

DUSTIN E. PERKINS  
 P.E. LICENSE NO. 69225  
 URS CORPORATION  
 315 E. ROBINSON STREET, SUITE 245  
 ORLANDO, FL 32801-1949  
 PH (407) 422-0353 FAX (407) 423-2695  
 CERTIFICATE OF AUTHORIZATION NO. 000002

glen\_dvorovy 10/13/2015 2:16:53 PM 0:\Projects\CADD\24020025201\drainage\Xsect\DRXSRD01\_SOrangeExt.DGN



STA. 808+40.00  
 (S-844)  
 (S-808)  
 (S-809)  
 (S-810)

(S-844)  
 STA 808+40.00 (29.28' LT)  
 DBI TYPE E  
 FL 65.00 RT  
 INDEX NO.'S 200, 201 AND 232

(S-808)  
 STA 808+40.00 (16.50' LT)  
 INLET TYPE P-1  
 FL 64.00 AH  
 FL 64.40 RT  
 FL 63.90 BK  
 FL 64.90 LT  
 INDEX NO.'S 200, 201 AND 210

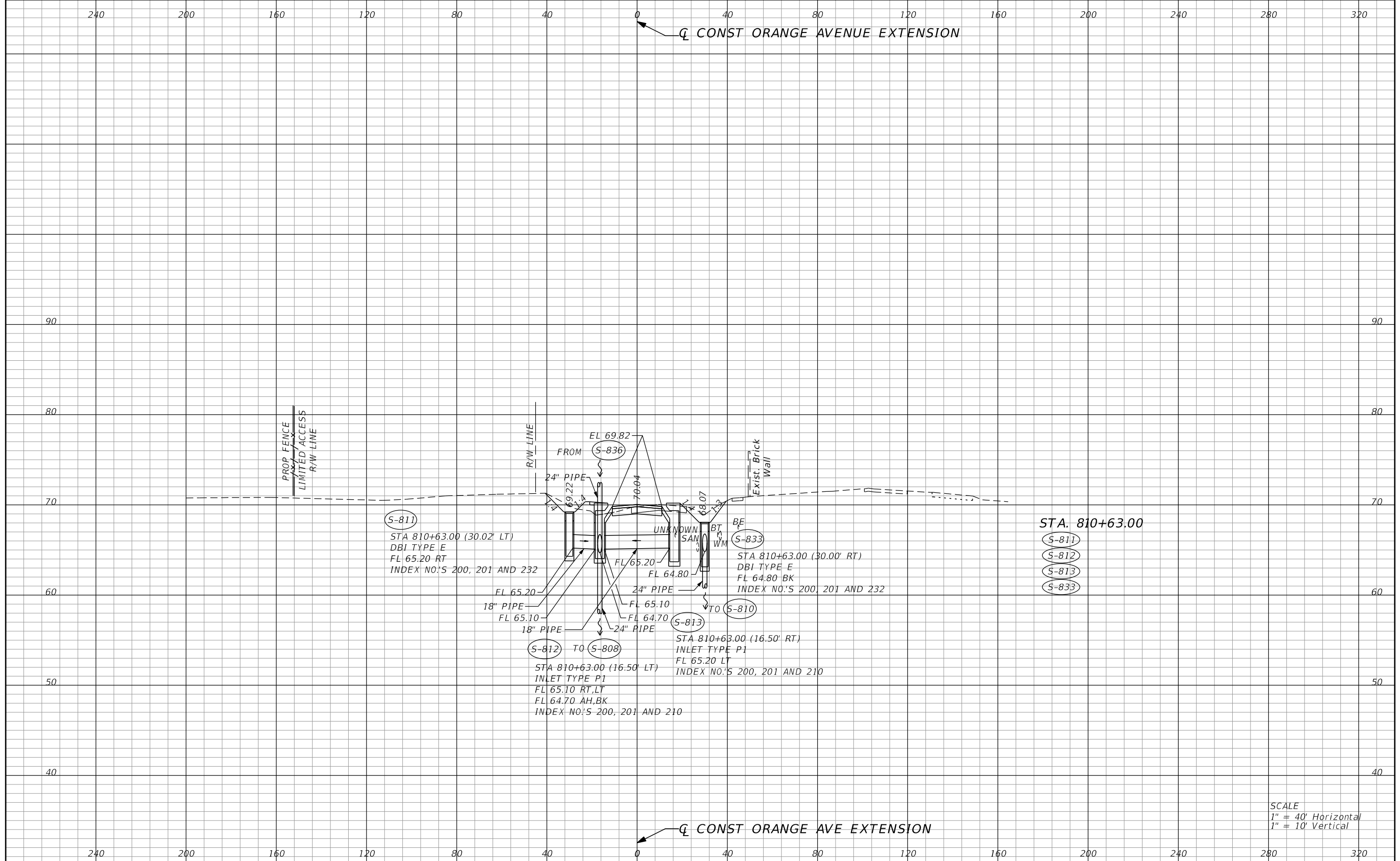
(S-810)  
 STA 808+40.00 (27.58' RT)  
 DBI TYPE E  
 FL 64.50 AH  
 FL 64.50 BK  
 INDEX NO.'S 200, 201 AND 232

(S-809)  
 STA 808+40.00 (16.50' RT)  
 INLET TYPE P-1  
 FL 64.50 LT  
 INDEX NO.'S 200, 201 AND 210

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

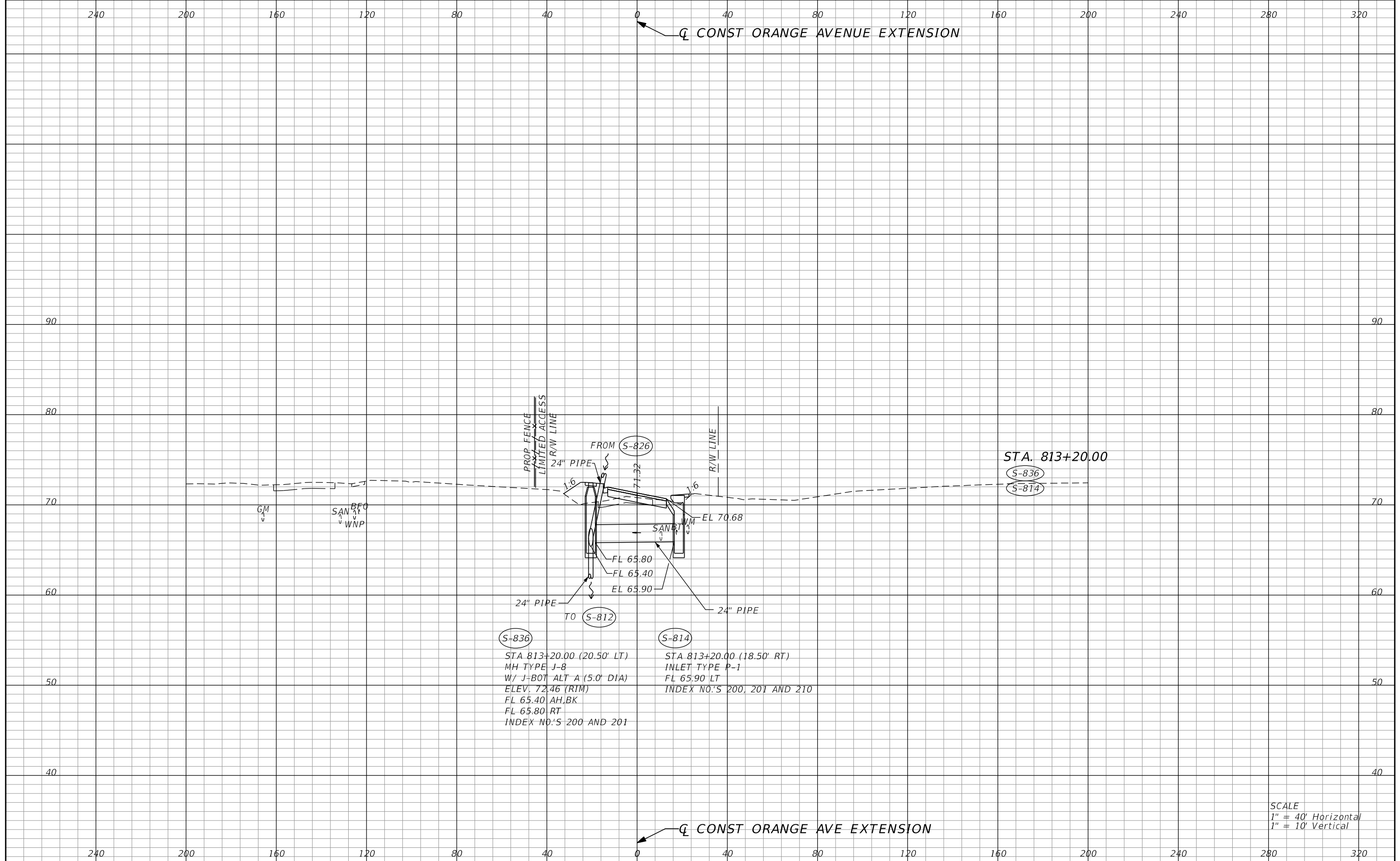
| REVISIONS |  | DATE |  | DESCRIPTION |  |
|-----------|--|------|--|-------------|--|
|           |  |      |  |             |  |

|  |        |                      |  |          |                |                            |                         |
|--|--------|----------------------|--|----------|----------------|----------------------------|-------------------------|
| DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 |        |                      | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                | <b>DRAINAGE STRUCTURES</b> | SHEET NO.<br><b>525</b> |
| ROAD NO.   | COUNTY | FINANCIAL PROJECT ID | 429  | SEMINOLE | 240200-2-52-01 |                            |                         |



SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS                  |             | DATE |  | DESCRIPTION  |                         |
|----------------------------|-------------|------|--|--|-------------------------|
| DATE                       | DESCRIPTION | DATE | DESCRIPTION                                      |  |                         |
|                            |             |      |  | DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 |                         |
|                            |             |      | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |  |                         |
|                            |             |      | ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID    |
|                            |             |      | 429  | SEMINOLE   | 240200-2-52-01          |
| <b>DRAINAGE STRUCTURES</b> |             |      |  |  | SHEET NO.<br><b>526</b> |

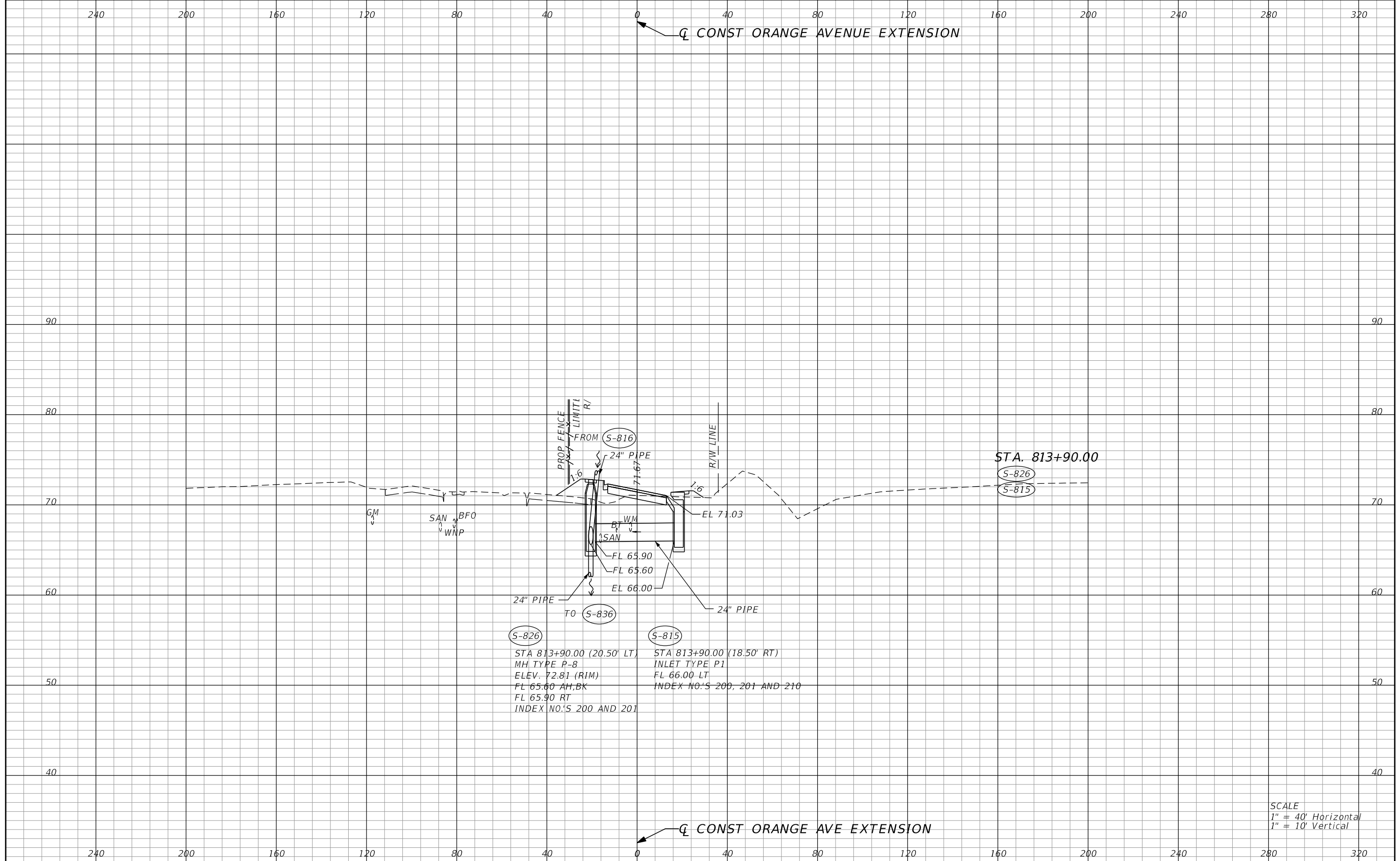


**S-836**  
 STA 813+20.00 (20.50' LT)  
 MH TYPE J-8  
 W/ J-BOT ALT A (5.0' DIA)  
 ELEV. 72.46 (RIM)  
 FL 65.40 AH, BK  
 FL 65.80 RT  
 INDEX NO.'S 200 AND 201

**S-814**  
 STA 813+20.00 (18.50' RT)  
 INLET TYPE P-1  
 FL 65.90 LT  
 INDEX NO.'S 200, 201 AND 210

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS                  |             | DATE |  | DESCRIPTION  |                         |
|----------------------------|-------------|------|--|--|-------------------------|
| DATE                       | DESCRIPTION | DATE | DESCRIPTION                                      |  |                         |
|                            |             |      |  | DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 |                         |
|                            |             |      | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |  |                         |
|                            |             |      | ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID    |
|                            |             |      | 429  | SEMINOLE   | 240200-2-52-01          |
| <b>DRAINAGE STRUCTURES</b> |             |      |  |  | SHEET NO.<br><b>527</b> |

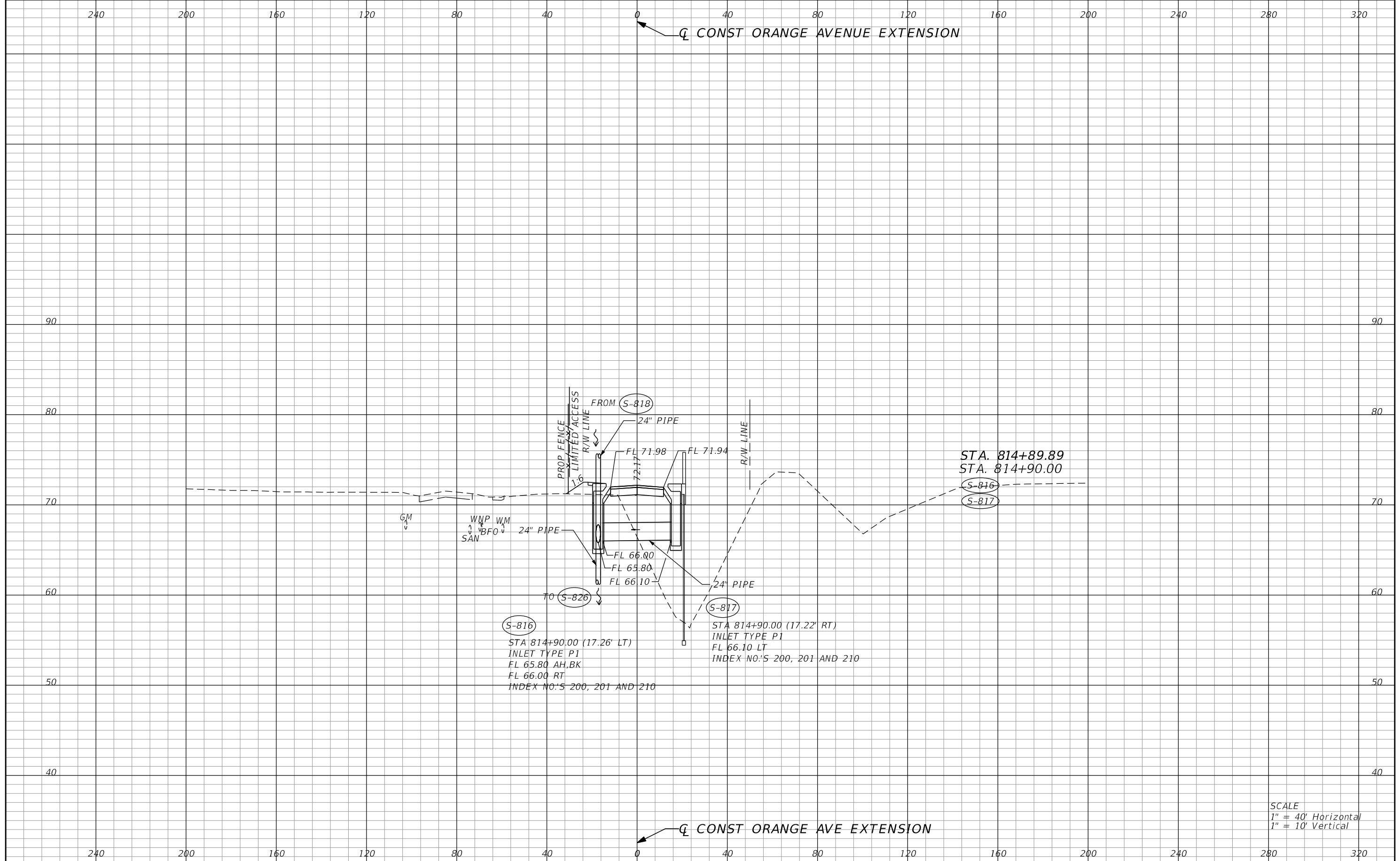


**S-826**  
 STA 813+90.00 (20.50' LT)  
 MH TYPE P-8  
 ELEV. 72.81 (RIM)  
 FL 65.60 AH, BK  
 FL 65.90 RT  
 INDEX NO.'S 200 AND 201

**S-815**  
 STA 813+90.00 (18.50' RT)  
 INLET TYPE P1  
 FL 66.00 LT  
 INDEX NO.'S 200, 201 AND 210

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

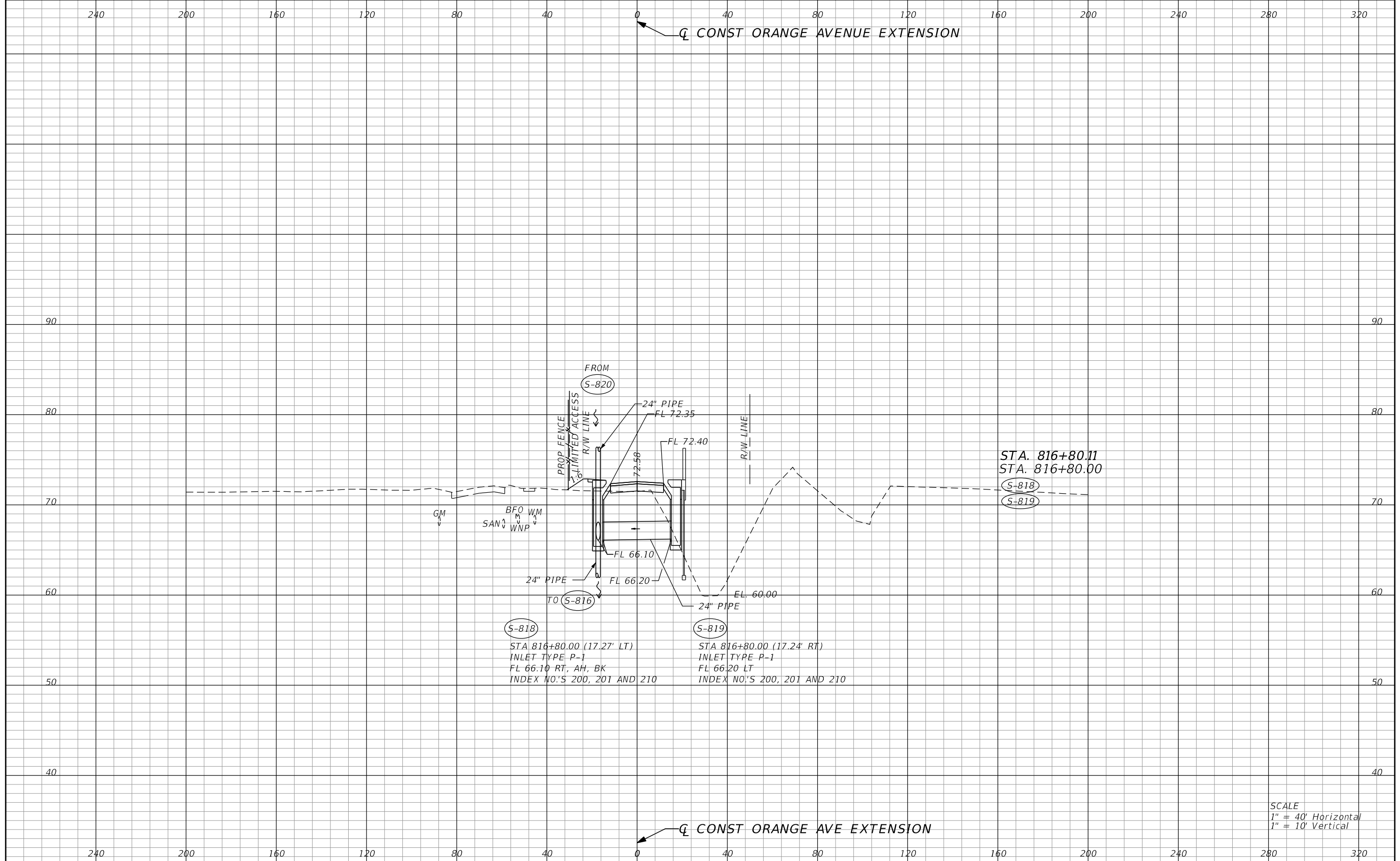
| REVISIONS                  |             | DATE |  | DESCRIPTION  |                         |
|----------------------------|-------------|------|--|--|-------------------------|
| DATE                       | DESCRIPTION | DATE | DESCRIPTION                                      |  |                         |
|                            |             |      |  | DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 |                         |
|                            |             |      | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |  |                         |
|                            |             |      | ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID    |
|                            |             |      | 429  | SEMINOLE   | 240200-2-52-01          |
| <b>DRAINAGE STRUCTURES</b> |             |      |  |  | SHEET NO.<br><b>528</b> |



SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS                  |             | DATE |  | DESCRIPTION  |                         |
|----------------------------|-------------|------|--|--|-------------------------|
| DATE                       | DESCRIPTION | DATE | DESCRIPTION                                      |  |                         |
|                            |             |      |  | DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 |                         |
|                            |             |      | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |  |                         |
|                            |             |      | ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID    |
|                            |             |      | 429  | SEMINOLE   | 240200-2-52-01          |
| <b>DRAINAGE STRUCTURES</b> |             |      |  |  | SHEET NO.<br><b>529</b> |

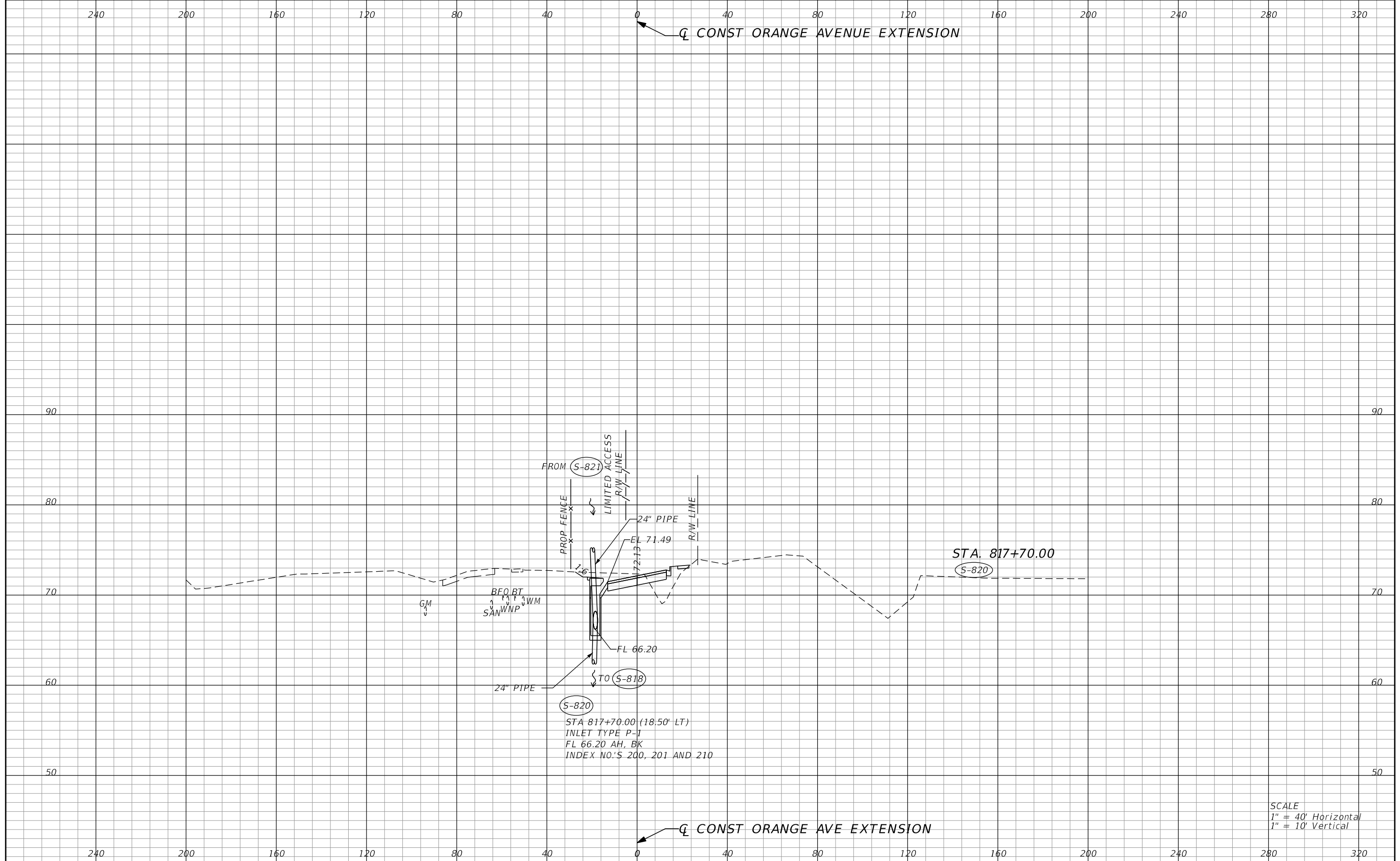




SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |  | DATE |  | DESCRIPTION |  |
|-----------|--|------|--|-------------|--|
|           |  |      |  |             |  |

|  |        |                      |  |          |                |                            |                         |
|--|--------|----------------------|--|----------|----------------|----------------------------|-------------------------|
| DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 |        |                      | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                | <b>DRAINAGE STRUCTURES</b> | SHEET NO.<br><b>530</b> |
| ROAD NO.   | COUNTY | FINANCIAL PROJECT ID | 429  | SEMINOLE | 240200-2-52-01 |                            |                         |



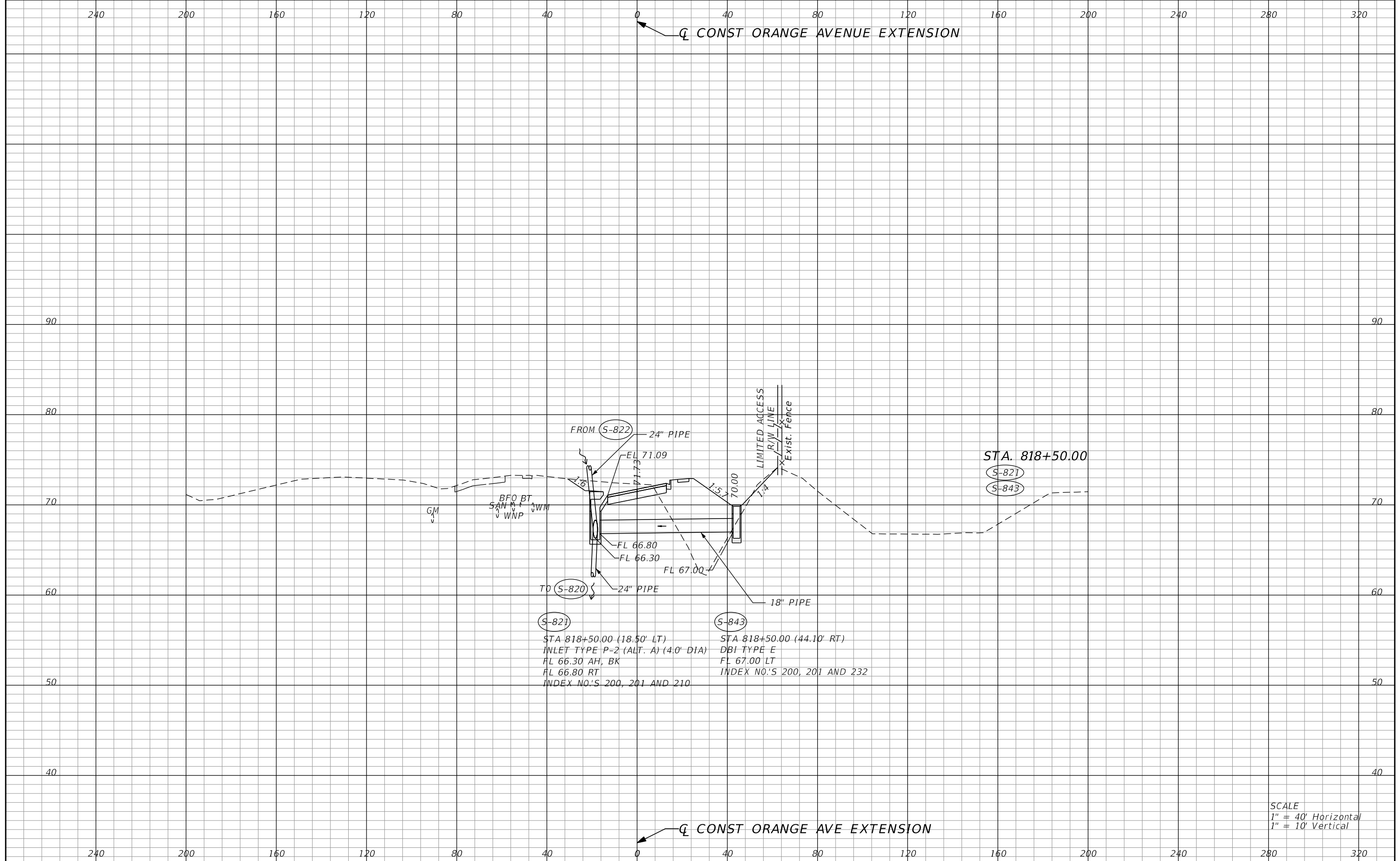
| REVISIONS |             |      |             |
|-----------|-------------|------|-------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |
|           |             |      |             |

DUSTIN E. PERKINS  
P.E. LICENSE NO. 69225  
URS CORPORATION  
315 E. ROBINSON STREET, SUITE 245  
ORLANDO, FL 32801-1949  
PH (407) 422-0353 FAX (407) 423-2695  
CERTIFICATE OF AUTHORIZATION NO. 000002

|  |          |                      |
|--|----------|----------------------|
| STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      |
| ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |
| 429  | SEMINOLE | 240200-2-52-01       |

**DRAINAGE STRUCTURES**

SHEET NO.  
531



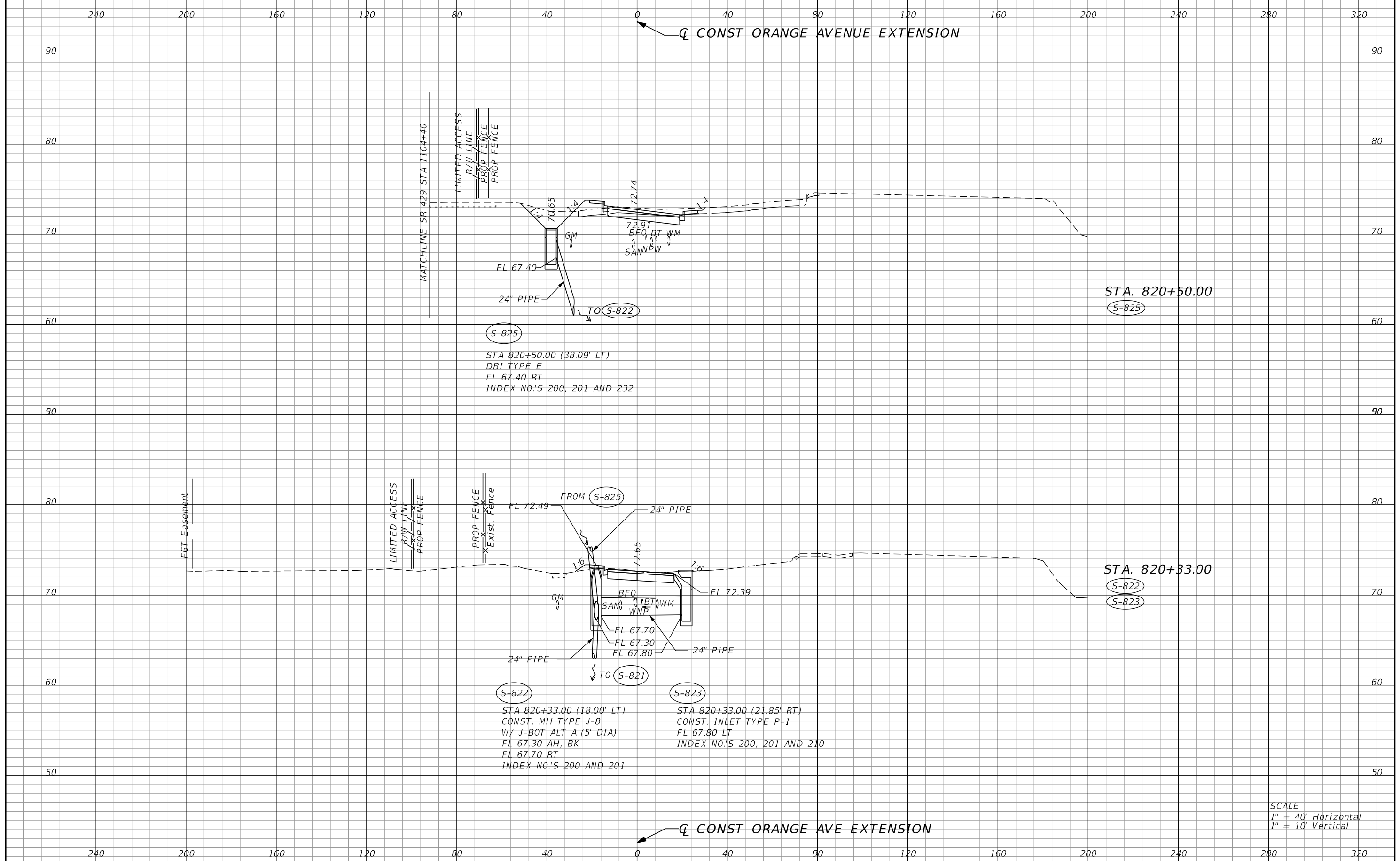
STA. 818+50.00  
 S-821  
 S-843

FROM (S-822) 24" PIPE  
 EL 71.09  
 1.5:1  
 70.00  
 1.4  
 TO (S-820) 24" PIPE  
 FL 66.80  
 FL 66.30  
 FL 67.00  
 18" PIPE  
 S-821  
 STA 818+50.00 (18.50' LT)  
 INLET TYPE P-2 (ALT. A) (4.0' DIA)  
 FL 66.30 AH, BK  
 FL 66.80 RT  
 INDEX NO.'S 200, 201 AND 210  
 S-843  
 STA 818+50.00 (44.10' RT)  
 DBI TYPE E  
 FL 67.00 LT  
 INDEX NO.'S 200, 201 AND 232

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |             | DATE |             | DESCRIPTION |  |
|-----------|-------------|------|-------------|-------------|--|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |             |  |

|  |        |                      |  |          |                |                            |                             |
|--|--------|----------------------|--|----------|----------------|----------------------------|-----------------------------|
| DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 |        |                      | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                | <b>DRAINAGE STRUCTURES</b> | SHEET NO.<br><br><b>532</b> |
| ROAD NO.   | COUNTY | FINANCIAL PROJECT ID | 429  | SEMINOLE | 240200-2-52-01 |                            |                             |



S-825  
 STA 820+50.00 (38.09' LT)  
 DBI TYPE E  
 FL 67.40 RT  
 INDEX NO.'S 200, 201 AND 232

S-822  
 STA 820+33.00 (18.00' LT)  
 CONST. MH TYPE J-8  
 W/ J-BOT ALT A (5' DIA)  
 FL 67.30 AH, BK  
 FL 67.70 RT  
 INDEX NO.'S 200 AND 201

S-823  
 STA 820+33.00 (21.85' RT)  
 CONST. INLET TYPE P-1  
 FL 67.80 LT  
 INDEX NO.'S 200, 201 AND 210

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS                  |             | DATE     |             | DESCRIPTION  |                         |
|----------------------------|-------------|----------|-------------|--|-------------------------|
| DATE                       | DESCRIPTION | DATE     | DESCRIPTION |  |                         |
|                            |             |          |             | DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 |                         |
|                            |             |          |             | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION   |                         |
|                            |             | ROAD NO. | COUNTY      | FINANCIAL PROJECT ID   |                         |
|                            |             | 429      | SEMINOLE    | 240200-2-52-01   |                         |
| <b>DRAINAGE STRUCTURES</b> |             |          |             |  | SHEET NO.<br><b>533</b> |

240 200 160 120 80 40 0 40 80 120 160 200 240 280 320

☒ LATERAL DITCH 4

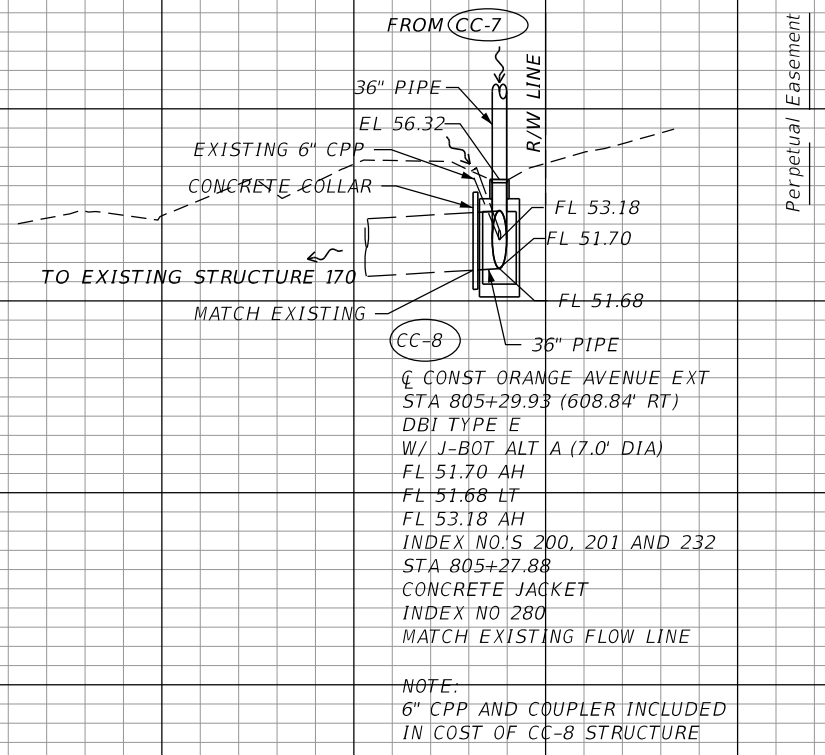
70 70

60 60

50 50

40 40

30 30



STA. 401+15.10  
☒ CONST ORANGE AVE EXT  
STA. 805+29.93  
CC-8

SCALE  
1" = 40' Horizontal  
1" = 10' Vertical

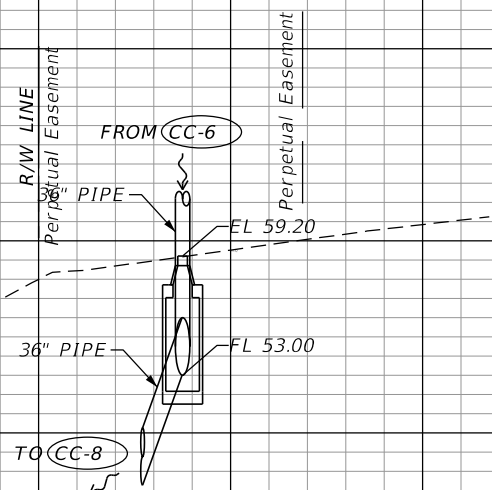
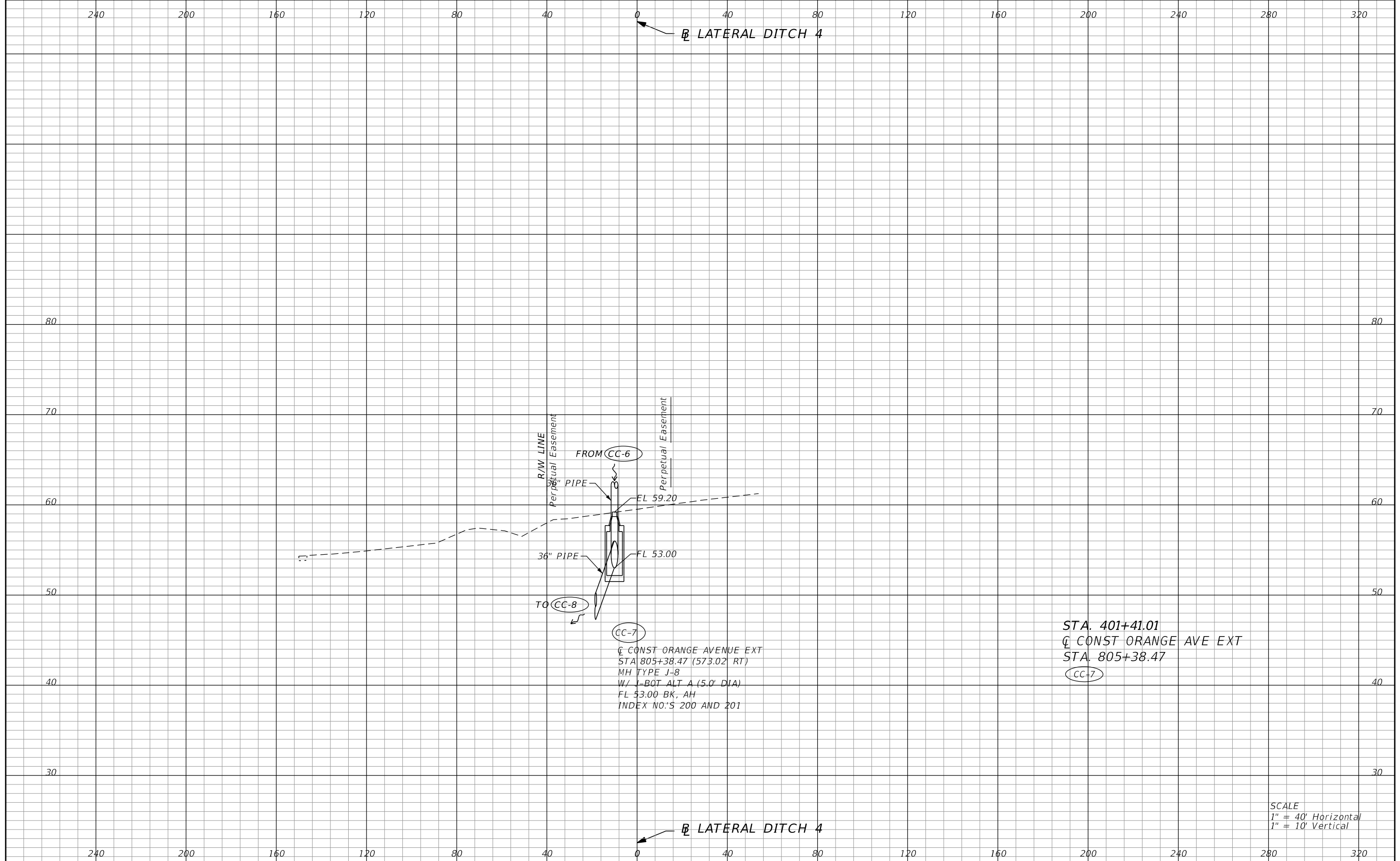
☒ LATERAL DITCH 4

240 200 160 120 80 40 0 40 80 120 160 200 240 280 320

| REVISIONS |             |      |             | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      | SHEET<br>NO. |
|-----------|-------------|------|-------------|--|----------|----------------------|--------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION | ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |              |
|           |             |      |             | 429  | SEMINOLE | 240200-2-52-01       | 534          |

DUSTIN E. PERKINS  
P.E. LICENSE NO. 69225  
URS CORPORATION  
315 E. ROBINSON STREET, SUITE 245  
ORLANDO, FL 32801-1949  
PH (407) 422-0353 FAX (407) 423-2695  
CERTIFICATE OF AUTHORIZATION NO. 000002

**DRAINAGE STRUCTURES**



CC-7  
 Q CONST ORANGE AVENUE EXT  
 STA 805+38.47 (573.02' RT)  
 MH TYPE J-8  
 W/ 1-BOT ALT A (5.0' DIA)  
 FL 53.00 BK, AH  
 INDEX NO.'S 200 AND 201

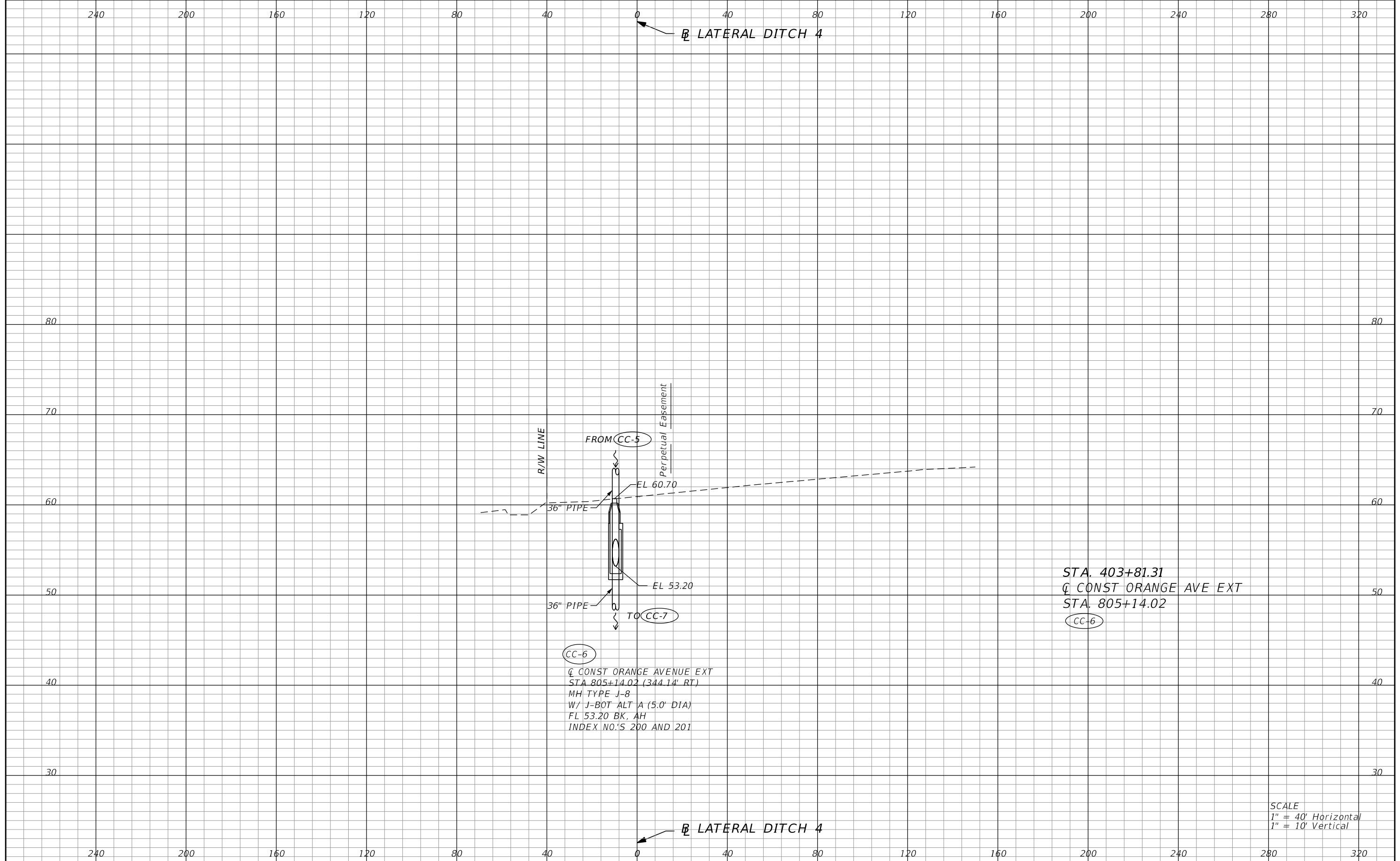
STA. 401+41.01  
 Q CONST ORANGE AVE EXT  
 STA. 805+38.47  
 CC-7

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |             |      |             | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      | SHEET<br>NO. |
|-----------|-------------|------|-------------|--|----------|----------------------|--------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION | ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |              |
|           |             |      |             | 429  | SEMINOLE | 240200-2-52-01       | 535          |

DUSTIN E. PERKINS  
 P.E. LICENSE NO. 69225  
 URS CORPORATION  
 315 E. ROBINSON STREET, SUITE 245  
 ORLANDO, FL 32801-1949  
 PH (407) 422-0353 FAX (407) 423-2695  
 CERTIFICATE OF AUTHORIZATION NO. 000002

glen\_dvorovy 10/13/2015 2:17:02 PM 0:\Projects\CADD\24020025201\drainage\xsect\drxsrd01\_fatdt4.dgn



STA. 403+81.31  
 Q CONST ORANGE AVE EXT  
 STA. 805+14.02  
 CC-6

CC-6  
 Q CONST ORANGE AVENUE EXT  
 STA 805+14.02 (344.14' RT)  
 MH TYPE J-8  
 W/ J-BOT ALT A (5.0' DIA)  
 FL 53.20 BK, AH  
 INDEX NO.'S 200 AND 201

SCALE  
 1" = 40' Horizontal  
 1" = 10' Vertical

| REVISIONS |             |      |             | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      | SHEET<br>NO. |
|-----------|-------------|------|-------------|--|----------|----------------------|--------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION | ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |              |
|           |             |      |             | 429  | SEMINOLE | 240200-2-52-01       | 536          |

DUSTIN E. PERKINS  
 P.E. LICENSE NO. 69225  
 URS CORPORATION  
 315 E. ROBINSON STREET, SUITE 245  
 ORLANDO, FL 32801-1949  
 PH (407) 422-0353 FAX (407) 423-2695  
 CERTIFICATE OF AUTHORIZATION NO. 000002

glen\_dvorovy 10/13/2015 2:17:02 PM 0:\Projects\CADD\24020025201\drainage\xsect\drxsrd01\_fatdt4.dgn

**BOX CULVERT DATA TABLES**

| BOX, HEADWALL AND CUTOFF WALL DATA TABLE (inches unless shown otherwise) |                          |        |        |    |    |    |    |        |        |       |                          |      |      |      |      |      |      |      | Table Date 7-01-09 |         |
|--|--------------------------|--------|--------|----|----|----|----|--------|--------|-------|--------------------------|------|------|------|------|------|------|------|--------------------|---------|
| LOCATION   | STRUCTURE /BRIDGE NUMBER | BOX    |        |    |    |    |    |        |        |       | HEADWALL AND CUTOFF WALL |      |      |      |      |      |      |      |                    |         |
|  |                          | Wc(ft) | Hc(ft) | Tt | Tw | Tb | Ti | #cells | Lc(ft) | Cover | Blhw                     | Hlhw | Brhw | Hrhw | Blcw | Hlcw | Brcw | Hrcw | SL(deg)            | SR(deg) |
| 1027+29.60   | CD-2                     | 9      | 2      | 18 | 20 | 18 | 20 | 1      | 279    | 2     | 10                       | 33   | 10   | 33   | 12   | 27   | 12   | 27   | -7.24              | -7.09   |

| LEFT SIDE WINGWALLS DATA TABLE (inches unless shown otherwise) |                   |    |    |    |         |         |        |        |        |                     |    |    |    |         |         |        | Table Date 01-01-11 |        |
|--|-------------------|----|----|----|---------|---------|--------|--------|--------|---------------------|----|----|----|---------|---------|--------|---------------------|--------|
| STRUCTURE /BRIDGE NUMBER                                       | LEFT END WINGWALL |    |    |    |         |         |        |        |        | LEFT BEGIN WINGWALL |    |    |    |         |         |        |                     |        |
|  | Rt                | Rw | Rh | Rd | SW(deg) | β (deg) | He(ft) | Hs(ft) | Lw(ft) | Rt                  | Rw | Rh | Rd | SW(deg) | β (deg) | He(ft) | Hs(ft)              | Lw(ft) |
| 1027+29.60   | 6                 | 10 | 24 | 8  | 82.8    | *N/A    | 4.75   | 4.75   | 10     | 6                   | 10 | 24 | 8  | 97.2    | *N/A    | 4.75   | 4.75                | 10     |

\*See Note 7.

| RIGHT SIDE WINGWALLS DATA TABLE (inches unless shown otherwise) |                    |    |    |    |         |         |        |        |        |                      |    |    |    |         |         |        | Table Date 01-01-11 |        |
|---|--------------------|----|----|----|---------|---------|--------|--------|--------|----------------------|----|----|----|---------|---------|--------|---------------------|--------|
| STRUCTURE /BRIDGE NUMBER  | RIGHT END WINGWALL |    |    |    |         |         |        |        |        | RIGHT BEGIN WINGWALL |    |    |    |         |         |        |                     |        |
|   | Rt                 | Rw | Rh | Rd | SW(deg) | β (deg) | He(ft) | Hs(ft) | Lw(ft) | Rt                   | Rw | Rh | Rd | SW(deg) | β (deg) | He(ft) | Hs(ft)              | Lw(ft) |
| 1027+29.60  | 6                  | 10 | 24 | 8  | 97.1    | 14      | 4.75   | 4.75   | 10     | 6                    | 10 | 24 | 8  | 82.9    | 14      | 4.75   | 4.75                | 10     |

NOTES [Notes Date 7-01-14]:

1. Environmental Class: Slightly Aggressive
2. Reinforcing Steel, Grade 60
3. Concrete Class II (Culverts), f'c = 3.4 ksi
4. Soil Properties:  
Friction Angle: 32 degrees  
Modulus of Subgrade Reaction: 69,120 pcf  
Nominal Bearing Resistance: 5,500 psf
5. Work this Drawing with Design Standards Index No. 289 and Sheet Nos. XX and XX.
6. Settlement criteria for Precast Box Culvert option (Index No. 291):  
Long Term Differential Settlement (ΔY) = 0.08 ft.  
Effective Length for Settlement (L) = 282 ft.
7. The left side of this box culvert is immediately in front of the panels for MSE Wall No. 14. See MSE Wall Plans for additional details.
8. Culvert shall be built in two phases with Construction Joint located at a constant offset of 85'-0" Right of C Const. SR 429.
9. Total Estimated Quantity of Reinforcing Steel is 77,882 lbs.

| ESTIMATED CONCRETE QUANTITIES (CY) |                  |                   |             |       |          |                |                 |           |                   |      |           |                     |      |           |                    |      |           |                      |      | Table Date 7-01-13 |  |
|------------------------------------|------------------|-------------------|-------------|-------|----------|----------------|-----------------|-----------|-------------------|------|-----------|---------------------|------|-----------|--------------------|------|-----------|----------------------|------|--------------------|--|
| STRUCTURE /BRIDGE NUMBER           | BOX              |                   |             |       |          |                |                 |           | LEFT END WINGWALL |      |           | LEFT BEGIN WINGWALL |      |           | RIGHT END WINGWALL |      |           | RIGHT BEGIN WINGWALL |      |                    |  |
|                                    | Left Cutoff Wall | Right Cutoff Wall | Bottom Slab | Walls | Top Slab | Left Head Wall | Right Head Wall | Sub Total | Footing           | Wall | Sub Total | Footing             | Wall | Sub Total | Footing            | Wall | Sub Total | Footing              | Wall | Sub Total          |  |
| 1027+29.60                         | 0.345            | 0.345             | 193         | 68.9  | 191      | 0.48           | 0.479           | 456       | 1.31              | 1.47 | 2.78      | 1.32                | 1.47 | 2.78      | 1.32               | 1.47 | 2.78      | 1.31                 | 1.47 | 2.78               |  |

| MAIN STEEL REINFORCEMENT SPACING (inches) |     |     |     |     |     |     |     |     |     |     |     |     |     |     |             |           |     |              | Table Date 7-01-09 |  |
|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------------|-----------|-----|--------------|--------------------|--|
| STRUCTURE /BRIDGE NUMBER                  | BOX |     |     |     |     |     |     |     |     |     |     |     |     |     |             | HEADWALLS |     | CUTOFF WALLS |                    |  |
|   | 101 | 102 | 103 | 104 | 105 | 106 | 107 | 108 | 109 | 110 | 111 | 112 | 113 | 114 | 115, 116... | 803       | 806 | 809          | 812                |  |
| 1027+29.60                                | 9   | 9   | 9   | 9   | 8   | 8   | N/A | 12  | 12  | 12  | 12  | 12  | 12  | 12  | N/A         | 12        | 12  | 15           | 15                 |  |

| WINGWALL STEEL REINFORCEMENT SPACING (inches) |                   |           |           |     |     |     |     |                     |           |           |     |     |     |     |                    |           |           |     |     |     |     |                      |           |           |     | Table Date 7-01-09 |     |     |
|---|-------------------|-----------|-----------|-----|-----|-----|-----|---------------------|-----------|-----------|-----|-----|-----|-----|--------------------|-----------|-----------|-----|-----|-----|-----|----------------------|-----------|-----------|-----|--------------------|-----|-----|
| STRUCTURE /BRIDGE NUMBER                      | LEFT END WINGWALL |           |           |     |     |     |     | LEFT BEGIN WINGWALL |           |           |     |     |     |     | RIGHT END WINGWALL |           |           |     |     |     |     | RIGHT BEGIN WINGWALL |           |           |     |                    |     |     |
|   | 401 (407(8))      | 402 (403) | 404 (405) | 406 | 409 | 410 | 411 | 501 (507(8))        | 502 (503) | 504 (505) | 506 | 509 | 510 | 511 | 601 (607(8))       | 602 (603) | 604 (605) | 606 | 609 | 610 | 611 | 701 (707(8))         | 702 (703) | 704 (705) | 706 | 709                | 710 | 711 |
| 1027+29.60                                    | 12                | 12        | 12        | 12  | 12  | 12  | 12  | 12                  | 12        | 12        | 12  | 12  | 12  | 12  | 12                 | 12        | 12        | 12  | 12  | 12  | 12  | 12                   | 12        | 12        | 12  | 12                 | 12  | 12  |

WINGWALL NOTE: Bar designations in "( )" are only required for variable height wingwalls.

| <p align="center"><b>REVISIONS</b></p> <table border="1"> <thead> <tr> <th>DATE</th> <th>BY</th> <th>DESCRIPTION</th> <th>DATE</th> <th>BY</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table> |          |                      |      | DATE | BY          | DESCRIPTION | DATE | BY | DESCRIPTION |                                 |  |  |  |  |  | <p><b>IDA CONSULTING ENGINEERS, INC.</b><br/>800 N. Magnolia Ave., Suite 1402<br/>Orlando, FL 32803 (407) 540-1410<br/>Cert. of Auth. # 8171<br/>Kevin B. Fischer License # 60074</p> |  |  |  | <p>DRAWN BY: <b>KBF 05-15</b><br/>CHECKED BY: <b>TTW 05-15</b><br/>DESIGNED BY: <b>KBF 05-15</b><br/>CHECKED BY: <b>TTW 05-15</b></p> |  |  | <p align="center">STATE OF FLORIDA<br/>DEPARTMENT OF TRANSPORTATION</p> <table border="1"> <thead> <tr> <th>ROAD NO.</th> <th>COUNTY</th> <th>FINANCIAL PROJECT ID</th> </tr> </thead> <tbody> <tr> <td>429</td> <td>SEMINOLE</td> <td>240200-2-52-01</td> </tr> </tbody> </table> |  |  | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | 429 | SEMINOLE | 240200-2-52-01 | <p align="center">SHEET TITLE:<br/><b>BOX CULVERT DETAILS - PROPOSED CONCRETE BOX CULVERT CD-2 DATA TABLES</b></p> <p align="center">PROJECT NAME:<br/><b>WEKIVA PARKWAY (SR 429) SECTION 7A</b></p> |  |  |  | <p>REF. DWG. NO.</p> |
|--|----------|----------------------|------|------|-------------|-------------|------|----|-------------|---------------------------------|--|--|--|--|--|---|--|--|--|---|--|--|--|--|--|----------|--------|----------------------|-----|----------|----------------|--|--|--|--|----------------------|
| DATE   | BY       | DESCRIPTION          | DATE | BY   | DESCRIPTION |             |      |    |             |                                 |  |  |  |  |  |   |  |  |  |   |  |  |  |  |  |          |        |                      |     |          |                |  |  |  |  |                      |
|  |          |                      |      |      |             |             |      |    |             |                                 |  |  |  |  |  |   |  |  |  |   |  |  |  |  |  |          |        |                      |     |          |                |  |  |  |  |                      |
| ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |      |      |             |             |      |    |             |                                 |  |  |  |  |  |   |  |  |  |   |  |  |  |  |  |          |        |                      |     |          |                |  |  |  |  |                      |
| 429  | SEMINOLE | 240200-2-52-01       |      |      |             |             |      |    |             |                                 |  |  |  |  |  |   |  |  |  |   |  |  |  |  |  |          |        |                      |     |          |                |  |  |  |  |                      |
| <p align="center"><b>NOT FOR CONSTRUCTION</b><br/><b>PRELIMINARY AND SUBJECT TO CHANGE</b></p>   |          |                      |      |      |             |             |      |    |             | <p>SHEET NO.<br/><b>537</b></p> |  |  |  |  |  |   |  |  |  |   |  |  |  |  |  |          |        |                      |     |          |                |  |  |  |  |                      |



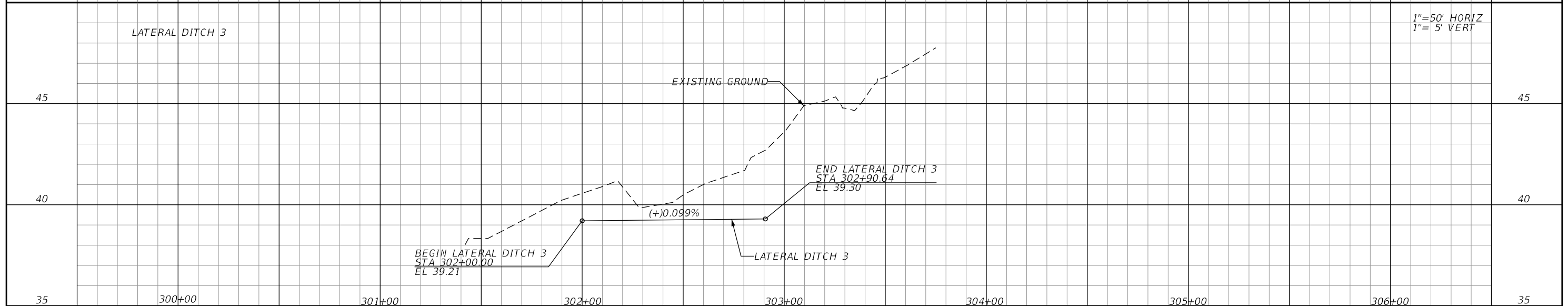
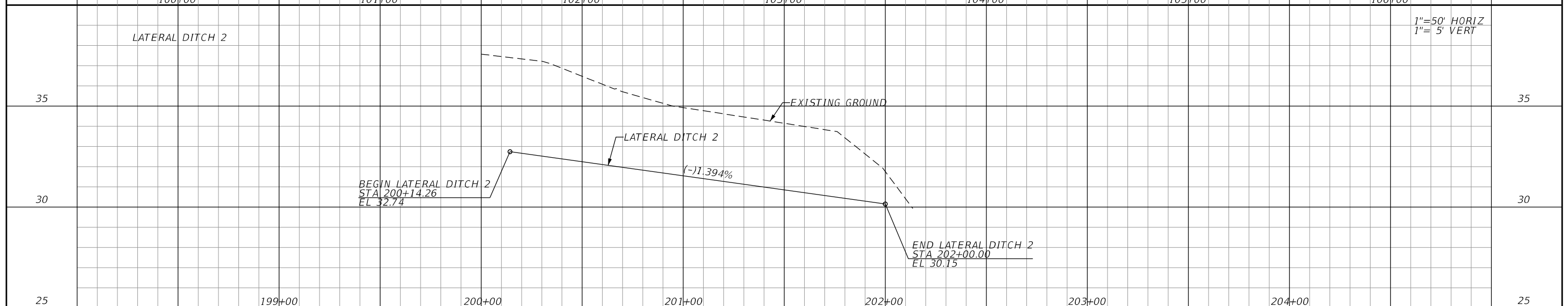
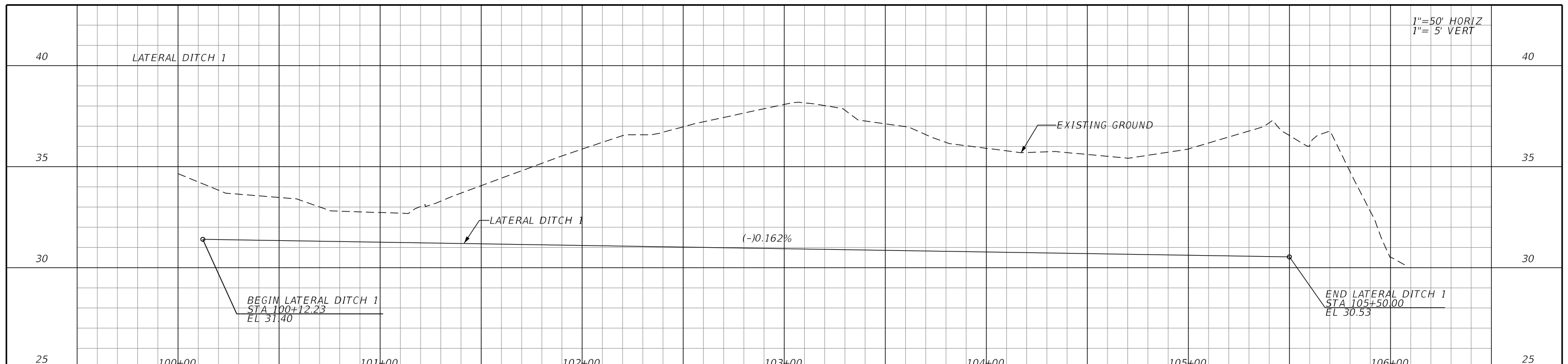
| MARK     | LENGTH | NO    | TYP | STY  | B                   | C | D | E       | F    | H                | J    | K    | N    | Ø       |    |    |    |    |    |    |    |    |    |     |
|----------|--------|-------|-----|------|---------------------|---|---|---------|------|------------------|------|------|------|---------|----|----|----|----|----|----|----|----|----|-----|
| SIZE     | DES    | FT    | IN  | BARS | BAR                 | A | G | FT      | IN   | FR               | FT   | IN   | FR   | FT      | IN | FR | FT | IN | FR | FT | IN | FR | NO | ANG |
| LOCATION |        |       |     |      | MAIN BOX            |   |   |         |      | NO. REQUIRED = 1 |      |      |      |         |    |    |    |    |    |    |    |    |    |     |
| 7        | 101    | 12-0  |     | 371  | 1                   |   |   | 12-0    |      |                  |      |      |      |         |    |    |    |    |    |    |    |    |    |     |
| 7        | 201    | 6-9   |     | 1    | 1                   |   |   | 6-8 1/4 |      |                  |      |      |      |         |    |    |    |    |    |    |    |    |    |     |
| 7        | 301    | 6-7   |     | 1    | 1                   |   |   | 6-6 3/4 |      |                  |      |      |      |         |    |    |    |    |    |    |    |    |    |     |
| 7        | 102    | 12-0  |     | 371  | 1                   |   |   | 12-0    |      |                  |      |      |      |         |    |    |    |    |    |    |    |    |    |     |
| 7        | 202    | 6-9   |     | 1    | 1                   |   |   | 6-8 1/4 |      |                  |      |      |      |         |    |    |    |    |    |    |    |    |    |     |
| 7        | 302    | 6-7   |     | 1    | 1                   |   |   | 6-6 3/4 |      |                  |      |      |      |         |    |    |    |    |    |    |    |    |    |     |
| 7        | 103    | 12-0  |     | 375  | 1                   |   |   | 12-0    |      |                  |      |      |      |         |    |    |    |    |    |    |    |    |    |     |
| 7        | 203    | 6-9   |     | 1    | 1                   |   |   | 6-8 1/4 |      |                  |      |      |      |         |    |    |    |    |    |    |    |    |    |     |
| 7        | 303    | 6-7   |     | 1    | 1                   |   |   | 6-6 3/4 |      |                  |      |      |      |         |    |    |    |    |    |    |    |    |    |     |
| 7        | 104    | 12-0  |     | 375  | 1                   |   |   | 12-0    |      |                  |      |      |      |         |    |    |    |    |    |    |    |    |    |     |
| 7        | 204    | 6-9   |     | 1    | 1                   |   |   | 6-8 1/4 |      |                  |      |      |      |         |    |    |    |    |    |    |    |    |    |     |
| 7        | 204    | 6-7   |     | 0    | 1                   |   |   | 6-6 3/4 |      |                  |      |      |      |         |    |    |    |    |    |    |    |    |    |     |
| 7        | 105    | 7-8   |     | 838  | 10                  |   |   | 3-6 1/2 |      | 4-1 1/4          |      |      |      |         |    |    |    |    |    |    |    |    |    |     |
| 7        | 106    | 7-8   |     | 838  | 10                  |   |   | 3-6 1/2 |      | 4-1 1/4          |      |      |      |         |    |    |    |    |    |    |    |    |    |     |
| 5        | 108    | 4-8   |     | 558  | 1                   |   |   | 4-8     |      |                  |      |      |      |         |    |    |    |    |    |    |    |    |    |     |
| 4        | 109    | 286-3 |     | 13   | 41                  |   |   | 60-0    | 60-0 | 60-0             | 33-6 | 60-0 | 12-9 | 1-3 1/2 |    |    |    |    |    |    |    |    | 5  |     |
| 4        | 110    | 286-3 |     | 13   | 41                  |   |   | 60-0    | 60-0 | 60-0             | 33-6 | 60-0 | 12-9 | 1-3 1/2 |    |    |    |    |    |    |    |    | 5  |     |
| 4        | 111    | 286-3 |     | 13   | 41                  |   |   | 60-0    | 60-0 | 60-0             | 33-6 | 60-0 | 12-9 | 1-3 1/2 |    |    |    |    |    |    |    |    | 5  |     |
| 4        | 112    | 286-3 |     | 13   | 41                  |   |   | 60-0    | 60-0 | 60-0             | 33-6 | 60-0 | 12-9 | 1-3 1/2 |    |    |    |    |    |    |    |    | 5  |     |
| 4        | 113    | 286-3 |     | 6    | 41                  |   |   | 60-0    | 60-0 | 60-0             | 33-6 | 60-0 | 12-9 | 1-3 1/2 |    |    |    |    |    |    |    |    | 5  |     |
| 4        | 114    | 286-3 |     | 6    | 41                  |   |   | 60-0    | 60-0 | 60-0             | 33-6 | 60-0 | 12-9 | 1-3 1/2 |    |    |    |    |    |    |    |    | 5  |     |
| LOCATION |        |       |     |      | LEFT END WINGWALL   |   |   |         |      | NO. REQUIRED = 1 |      |      |      |         |    |    |    |    |    |    |    |    |    |     |
| 3        | 401    | 4-6   |     | 11   | 1                   |   |   | 4-6     |      |                  |      |      |      |         |    |    |    |    |    |    |    |    |    |     |
| 3        | 402    | 9-8   |     | 6    | 1                   |   |   | 9-8     |      |                  |      |      |      |         |    |    |    |    |    |    |    |    |    |     |
| 3        | 404    | 9-8   |     | 6    | 1                   |   |   | 9-8     |      |                  |      |      |      |         |    |    |    |    |    |    |    |    |    |     |
| 3        | 406    | 4-6   |     | 11   | 1                   |   |   | 4-6     |      |                  |      |      |      |         |    |    |    |    |    |    |    |    |    |     |
| 3        | 407    | 2-11  |     | 11   | 10                  |   |   | 1-0     |      | 1-11             |      |      |      |         |    |    |    |    |    |    |    |    |    |     |
| 3        | 409    | 3-0   |     | 11   | 1                   |   |   | 3-0     |      |                  |      |      |      |         |    |    |    |    |    |    |    |    |    |     |
| 3        | 410    | 3-0   |     | 11   | 1                   |   |   | 3-0     |      |                  |      |      |      |         |    |    |    |    |    |    |    |    |    |     |
| 3        | 411    | 9-8   |     | 8    | 1                   |   |   | 9-8     |      |                  |      |      |      |         |    |    |    |    |    |    |    |    |    |     |
| 5        | 412    | 2-0   |     | 8    | 1                   |   |   | 2-0     |      |                  |      |      |      |         |    |    |    |    |    |    |    |    |    |     |
| LOCATION |        |       |     |      | LEFT BEGIN WINGWALL |   |   |         |      | NO. REQUIRED = 1 |      |      |      |         |    |    |    |    |    |    |    |    |    |     |
| 3        | 501    | 4-6   |     | 11   | 1                   |   |   | 4-6     |      |                  |      |      |      |         |    |    |    |    |    |    |    |    |    |     |
| 3        | 502    | 9-8   |     | 6    | 1                   |   |   | 9-8     |      |                  |      |      |      |         |    |    |    |    |    |    |    |    |    |     |
| 3        | 504    | 9-8   |     | 6    | 1                   |   |   | 9-8     |      |                  |      |      |      |         |    |    |    |    |    |    |    |    |    |     |
| 3        | 506    | 4-6   |     | 11   | 1                   |   |   | 4-6     |      |                  |      |      |      |         |    |    |    |    |    |    |    |    |    |     |
| 3        | 507    | 2-11  |     | 11   | 10                  |   |   | 1-0     |      | 1-11             |      |      |      |         |    |    |    |    |    |    |    |    |    |     |
| 3        | 509    | 3-0   |     | 11   | 1                   |   |   | 3-0     |      |                  |      |      |      |         |    |    |    |    |    |    |    |    |    |     |
| 3        | 510    | 3-0   |     | 11   | 1                   |   |   | 3-0     |      |                  |      |      |      |         |    |    |    |    |    |    |    |    |    |     |
| 3        | 511    | 9-8   |     | 8    | 1                   |   |   | 9-8     |      |                  |      |      |      |         |    |    |    |    |    |    |    |    |    |     |
| 5        | 512    | 2-0   |     | 8    | 1                   |   |   | 2-0     |      |                  |      |      |      |         |    |    |    |    |    |    |    |    |    |     |
| LOCATION |        |       |     |      | RIGHT END WINGWALL  |   |   |         |      | NO. REQUIRED = 1 |      |      |      |         |    |    |    |    |    |    |    |    |    |     |
| 3        | 601    | 4-6   |     | 11   | 1                   |   |   | 4-6     |      |                  |      |      |      |         |    |    |    |    |    |    |    |    |    |     |
| 3        | 602    | 9-8   |     | 6    | 1                   |   |   | 9-8     |      |                  |      |      |      |         |    |    |    |    |    |    |    |    |    |     |
| 3        | 604    | 9-8   |     | 6    | 1                   |   |   | 9-8     |      |                  |      |      |      |         |    |    |    |    |    |    |    |    |    |     |
| 3        | 606    | 4-6   |     | 11   | 1                   |   |   | 4-6     |      |                  |      |      |      |         |    |    |    |    |    |    |    |    |    |     |
| 3        | 607    | 2-11  |     | 11   | 10                  |   |   | 1-0     |      | 1-11             |      |      |      |         |    |    |    |    |    |    |    |    |    |     |
| 3        | 609    | 3-0   |     | 11   | 1                   |   |   | 3-0     |      |                  |      |      |      |         |    |    |    |    |    |    |    |    |    |     |
| 3        | 610    | 3-0   |     | 11   | 1                   |   |   | 3-0     |      |                  |      |      |      |         |    |    |    |    |    |    |    |    |    |     |
| 3        | 611    | 9-8   |     | 8    | 1                   |   |   | 9-8     |      |                  |      |      |      |         |    |    |    |    |    |    |    |    |    |     |
| 5        | 612    | 2-0   |     | 8    | 1                   |   |   | 2-0     |      |                  |      |      |      |         |    |    |    |    |    |    |    |    |    |     |

|  |  |  |  |  |   |   |  |  |  |  |  |  |                         |
|--|--|--|--|--|---|---|--|--|--|--|--|--|-------------------------|
| <b>REVISIONS</b><br>DATE BY DESCRIPTION DATE BY DESCRIPTION  |  |  |  | <b>IDA</b><br><b>CONSULTING ENGINEERS, INC.</b><br>800 N. Magnolia Ave., Suite 1402<br>Orlando, FL 32803 (407) 540-1410<br>Cert. of Auth. # 8171<br>Kevin B. Fischer License # 60074 | DRAWN BY:<br>KBF 05-15<br>CHECKED BY:<br>TTW 05-15<br>DESIGNED BY:<br>KBF 05-15<br>CHECKED BY:<br>TTW 05-15 | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION<br>ROAD NO. COUNTY FINANCIAL PROJECT ID<br>429 SEMINOLE 240200-2-52-01 |  |  | SHEET TITLE:<br><b>BOX CULVERT DETAILS - REINFORCING BAR LIST<br/>         CD-2 (1 OF 2)</b> |  |  |  | REF. DWG. NO.           |
| <div style="border: 2px dashed black; padding: 5px; text-align: center;"> <b>NOT FOR CONSTRUCTION</b><br/> <b>PRELIMINARY AND SUBJECT TO CHANGE</b> </div> |  |  |  |  | PROJECT NAME:<br><b>WEKIVA PARKWAY (SR 429) SECTION 7A</b>  |   |  |  |  |  |  |  | SHEET NO.<br><b>538</b> |

| MARK | LENGTH | NO                            | TYP | STY  | B   | C | D | E        | F    | H   | J   | K                | N   | Ø   |    |    |    |    |    |    |    |    |    |     |
|------|--------|-------------------------------|-----|------|-----|---|---|----------|------|-----|-----|------------------|-----|-----|----|----|----|----|----|----|----|----|----|-----|
| SIZE | DES    | FT                            | IN  | BARS | BAR | A | G | FT       | IN   | FR  | FT  | IN               | FR  | FT  | IN | FR | FT | IN | FR | FT | IN | FR | NO | ANG |
|      |        | LOCATION RIGHT BEGIN WINGWALL |     |      |     |   |   |          |      |     |     | NO. REQUIRED = 1 |     |     |    |    |    |    |    |    |    |    |    |     |
| 3    | 701    | 4-6                           |     | 11   | 1   |   |   | 4-6      |      |     |     |                  |     |     |    |    |    |    |    |    |    |    |    |     |
| 3    | 702    | 9-8                           |     | 6    | 1   |   |   | 9-8      |      |     |     |                  |     |     |    |    |    |    |    |    |    |    |    |     |
| 3    | 704    | 9-8                           |     | 6    | 1   |   |   | 9-8      |      |     |     |                  |     |     |    |    |    |    |    |    |    |    |    |     |
| 3    | 706    | 4-6                           |     | 11   | 1   |   |   | 4-6      |      |     |     |                  |     |     |    |    |    |    |    |    |    |    |    |     |
| 3    | 707    | 2-11                          |     | 11   | 10  |   |   | 1-0      | 1-11 |     |     |                  |     |     |    |    |    |    |    |    |    |    |    |     |
| 3    | 709    | 3-0                           |     | 11   | 1   |   |   | 3-0      |      |     |     |                  |     |     |    |    |    |    |    |    |    |    |    |     |
| 3    | 710    | 3-0                           |     | 11   | 1   |   |   | 3-0      |      |     |     |                  |     |     |    |    |    |    |    |    |    |    |    |     |
| 3    | 711    | 9-8                           |     | 8    | 1   |   |   | 9-8      |      |     |     |                  |     |     |    |    |    |    |    |    |    |    |    |     |
| 5    | 712    | 2-0                           |     | 8    | 1   |   |   | 2-0      |      |     |     |                  |     |     |    |    |    |    |    |    |    |    |    |     |
|      |        | LOCATION LEFT HEADWALL        |     |      |     |   |   |          |      |     |     | NO. REQUIRED = 1 |     |     |    |    |    |    |    |    |    |    |    |     |
| 6    | 801    | 12-2                          |     | 2    | 1   |   |   | 12-1 1/4 |      |     |     |                  |     |     |    |    |    |    |    |    |    |    |    |     |
| 6    | 802    | 12-2                          |     | 2    | 1   |   |   | 12-1 1/4 |      |     |     |                  |     |     |    |    |    |    |    |    |    |    |    |     |
| 3    | 803    | 5-11                          |     | 13   | 27  |   |   | 2-4 1/4  | 0-6  |     | 0-5 | 1-11             | 0-6 | 0-6 |    |    |    |    |    |    |    |    |    |     |
|      |        | LOCATION RIGHT HEADWALL       |     |      |     |   |   |          |      |     |     | NO. REQUIRED = 1 |     |     |    |    |    |    |    |    |    |    |    |     |
| 6    | 804    | 12-2                          |     | 2    | 1   |   |   | 12-1 1/4 |      |     |     |                  |     |     |    |    |    |    |    |    |    |    |    |     |
| 6    | 805    | 12-2                          |     | 2    | 1   |   |   | 12-1 1/4 |      |     |     |                  |     |     |    |    |    |    |    |    |    |    |    |     |
| 3    | 806    | 5-11                          |     | 13   | 27  |   |   | 2-4 1/4  | 0-6  |     | 0-5 | 1-11             | 0-6 | 0-6 |    |    |    |    |    |    |    |    |    |     |
|      |        | LOCATION LEFT CUTOFF WALL     |     |      |     |   |   |          |      |     |     | NO. REQUIRED = 1 |     |     |    |    |    |    |    |    |    |    |    |     |
| 6    | 807    | 12-2                          |     | 2    | 1   |   |   | 12-1 1/4 |      |     |     |                  |     |     |    |    |    |    |    |    |    |    |    |     |
| 6    | 808    | 12-2                          |     | 2    | 1   |   |   | 12-1 1/4 |      |     |     |                  |     |     |    |    |    |    |    |    |    |    |    |     |
| 3    | 809    | 5-5                           |     | 10   | 7   |   |   | 1-10 1/4 | 0-8  | 0-6 | 0-6 |                  |     |     |    |    |    |    |    |    |    |    |    |     |
|      |        | LOCATION RIGHT CUTOFF WALL    |     |      |     |   |   |          |      |     |     | NO. REQUIRED = 1 |     |     |    |    |    |    |    |    |    |    |    |     |
| 6    | 810    | 12-2                          |     | 2    | 1   |   |   | 12-1 1/4 |      |     |     |                  |     |     |    |    |    |    |    |    |    |    |    |     |
| 6    | 811    | 12-2                          |     | 2    | 1   |   |   | 12-1 1/4 |      |     |     |                  |     |     |    |    |    |    |    |    |    |    |    |     |
| 3    | 812    | 5-5                           |     | 10   | 7   |   |   | 1-10 1/4 | 0-8  | 0-6 | 0-6 |                  |     |     |    |    |    |    |    |    |    |    |    |     |

END OF LIST

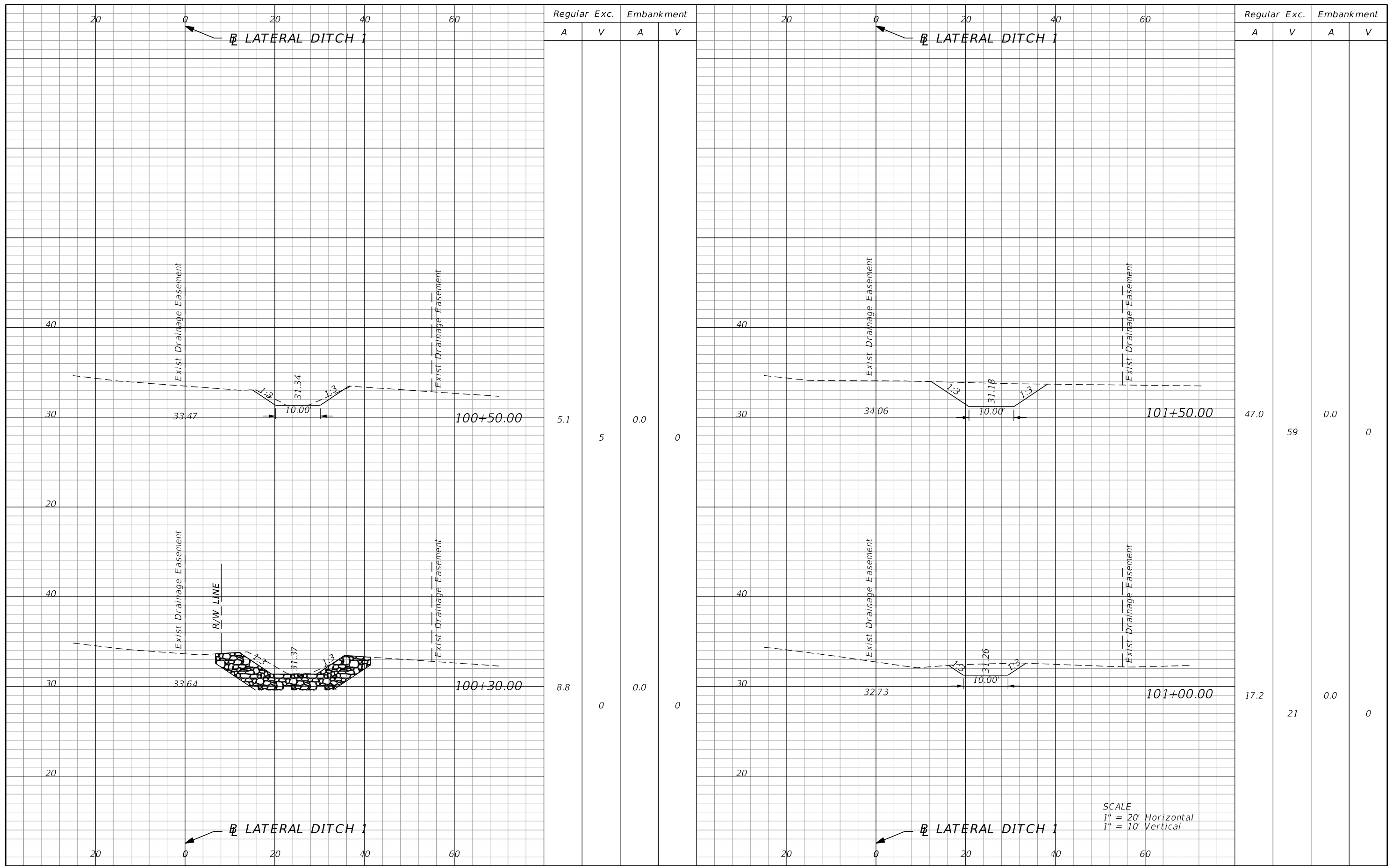
| <b>REVISIONS</b><br><table border="1"> <thead> <tr> <th>DATE</th> <th>BY</th> <th>DESCRIPTION</th> <th>DATE</th> <th>BY</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> |           |                      |      | DATE | BY          | DESCRIPTION | DATE | BY | DESCRIPTION |                         |  |  |  |  |  | <p>800 N. Magnolia Ave., Suite 1402<br/>Orlando, FL 32803 (407) 540-1410<br/>Cert. of Auth. # 8171<br/>Kevin B. Fischer License # 60074</p> | <table border="1"> <tr> <td>DRAWN BY:</td> <td>KBF 05-15</td> </tr> <tr> <td>CHECKED BY:</td> <td>TTW 05-15</td> </tr> <tr> <td>DESIGNED BY:</td> <td>KBF 05-15</td> </tr> <tr> <td>CHECKED BY:</td> <td>TTW 05-15</td> </tr> </table> | DRAWN BY: | KBF 05-15 | CHECKED BY: | TTW 05-15 | DESIGNED BY: | KBF 05-15 | CHECKED BY: | TTW 05-15 | <table border="1"> <tr> <td colspan="3">STATE OF FLORIDA<br/>DEPARTMENT OF TRANSPORTATION</td> </tr> <tr> <td>ROAD NO.</td> <td>COUNTY</td> <td>FINANCIAL PROJECT ID</td> </tr> <tr> <td>429</td> <td>SEMINOLE</td> <td>240200-2-52-01</td> </tr> </table> | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |  |  | ROAD NO. | COUNTY | FINANCIAL PROJECT ID | 429 | SEMINOLE | 240200-2-52-01 | <table border="1"> <tr> <td colspan="2">SHEET TITLE:<br/>BOX CULVERT DETAILS - REINFORCING BAR LIST<br/>CD-2 (2 OF 2)</td> </tr> <tr> <td colspan="2">PROJECT NAME:<br/>WEKIVA PARKWAY (SR 429) SECTION 7A</td> </tr> </table> | SHEET TITLE:<br>BOX CULVERT DETAILS - REINFORCING BAR LIST<br>CD-2 (2 OF 2) |  | PROJECT NAME:<br>WEKIVA PARKWAY (SR 429) SECTION 7A |  | REF. DWG. NO. |
|---|-----------|----------------------|------|------|-------------|-------------|------|----|-------------|-------------------------|--|--|--|--|--|---|--|-----------|-----------|-------------|-----------|--------------|-----------|-------------|-----------|--|--|--|--|----------|--------|----------------------|-----|----------|----------------|--|---|--|---|--|---------------|
| DATE  | BY        | DESCRIPTION          | DATE | BY   | DESCRIPTION |             |      |    |             |                         |  |  |  |  |  |   |  |           |           |             |           |              |           |             |           |  |  |  |  |          |        |                      |     |          |                |  |   |  |   |  |               |
|   |           |                      |      |      |             |             |      |    |             |                         |  |  |  |  |  |   |  |           |           |             |           |              |           |             |           |  |  |  |  |          |        |                      |     |          |                |  |   |  |   |  |               |
| DRAWN BY:   | KBF 05-15 |                      |      |      |             |             |      |    |             |                         |  |  |  |  |  |   |  |           |           |             |           |              |           |             |           |  |  |  |  |          |        |                      |     |          |                |  |   |  |   |  |               |
| CHECKED BY:   | TTW 05-15 |                      |      |      |             |             |      |    |             |                         |  |  |  |  |  |   |  |           |           |             |           |              |           |             |           |  |  |  |  |          |        |                      |     |          |                |  |   |  |   |  |               |
| DESIGNED BY:  | KBF 05-15 |                      |      |      |             |             |      |    |             |                         |  |  |  |  |  |   |  |           |           |             |           |              |           |             |           |  |  |  |  |          |        |                      |     |          |                |  |   |  |   |  |               |
| CHECKED BY:   | TTW 05-15 |                      |      |      |             |             |      |    |             |                         |  |  |  |  |  |   |  |           |           |             |           |              |           |             |           |  |  |  |  |          |        |                      |     |          |                |  |   |  |   |  |               |
| STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION  |           |                      |      |      |             |             |      |    |             |                         |  |  |  |  |  |   |  |           |           |             |           |              |           |             |           |  |  |  |  |          |        |                      |     |          |                |  |   |  |   |  |               |
| ROAD NO.  | COUNTY    | FINANCIAL PROJECT ID |      |      |             |             |      |    |             |                         |  |  |  |  |  |   |  |           |           |             |           |              |           |             |           |  |  |  |  |          |        |                      |     |          |                |  |   |  |   |  |               |
| 429   | SEMINOLE  | 240200-2-52-01       |      |      |             |             |      |    |             |                         |  |  |  |  |  |   |  |           |           |             |           |              |           |             |           |  |  |  |  |          |        |                      |     |          |                |  |   |  |   |  |               |
| SHEET TITLE:<br>BOX CULVERT DETAILS - REINFORCING BAR LIST<br>CD-2 (2 OF 2)   |           |                      |      |      |             |             |      |    |             |                         |  |  |  |  |  |   |  |           |           |             |           |              |           |             |           |  |  |  |  |          |        |                      |     |          |                |  |   |  |   |  |               |
| PROJECT NAME:<br>WEKIVA PARKWAY (SR 429) SECTION 7A   |           |                      |      |      |             |             |      |    |             |                         |  |  |  |  |  |   |  |           |           |             |           |              |           |             |           |  |  |  |  |          |        |                      |     |          |                |  |   |  |   |  |               |
| <div style="border: 2px dashed black; padding: 5px; text-align: center;"> <b>NOT FOR CONSTRUCTION<br/>PRELIMINARY AND SUBJECT TO CHANGE</b> </div>  |           |                      |      |      |             |             |      |    |             | SHEET NO.<br><b>539</b> |  |  |  |  |  |   |  |           |           |             |           |              |           |             |           |  |  |  |  |          |        |                      |     |          |                |  |   |  |   |  |               |



| REVISIONS |             |      |             | DUSTIN E. PERKINS<br>P.E. LICENSE NO. 69225<br>URS CORPORATION<br>315 E. ROBINSON STREET, SUITE 245<br>ORLANDO, FL 32801-1949<br>PH (407) 422-0353 FAX (407) 423-2695<br>CERTIFICATE OF AUTHORIZATION NO. 000002 | STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      | SHEET<br>NO.<br><br>540 |
|-----------|-------------|------|-------------|--|--|----------|----------------------|-------------------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |  | ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |                         |
|           |             |      |             |  | 429  | SEMINOLE | 240200-2-52-01       |                         |

LATERAL DITCH PROFILES

PRELIMINARY: NOT FOR CONSTRUCTION



Regular Exc. Embankment  
A V A V

Regular Exc. Embankment  
A V A V

|     |   |     |   |
|-----|---|-----|---|
| 5.1 | 5 | 0.0 | 0 |
| 8.8 | 0 | 0.0 | 0 |

|      |    |     |   |
|------|----|-----|---|
| 47.0 | 59 | 0.0 | 0 |
| 17.2 | 21 | 0.0 | 0 |

SCALE  
1" = 20' Horizontal  
1" = 10' Vertical

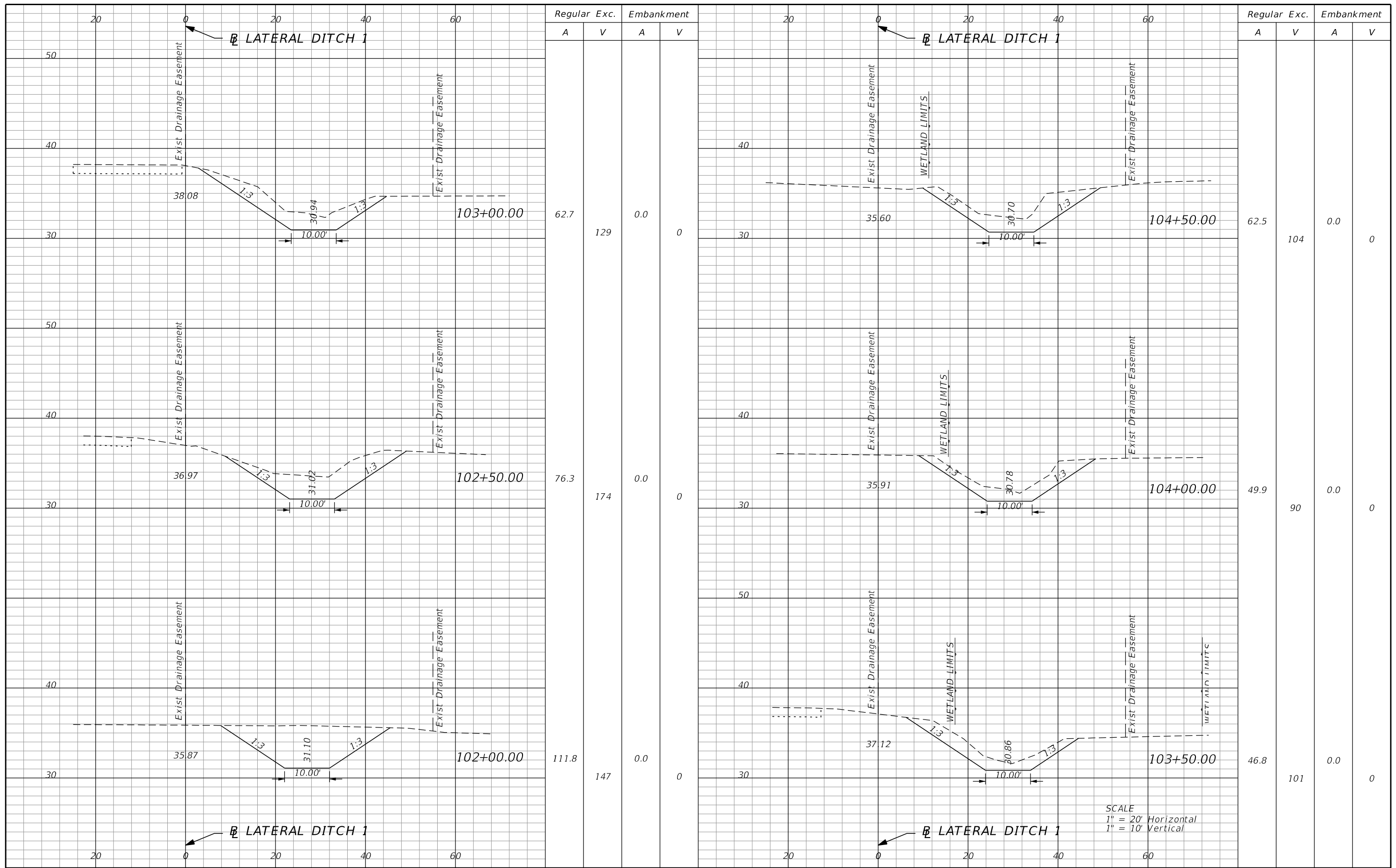
| REVISIONS |             |      |             |
|-----------|-------------|------|-------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |
|           |             |      |             |

DUSTIN E. PERKINS  
P.E. LICENSE NO. 69225  
URS CORPORATION  
315 E. ROBINSON STREET, SUITE 245  
ORLANDO, FL 32801-1949  
PH (407) 422-0353 FAX (407) 423-2695  
CERTIFICATE OF AUTHORIZATION NO. 000002

|  |          |                      |
|--|----------|----------------------|
| STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      |
| ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |
| 429  | SEMINOLE | 240200-2-52-01       |

**LATERAL DITCH  
CROSS SECTIONS**

SHEET NO.  
**541**



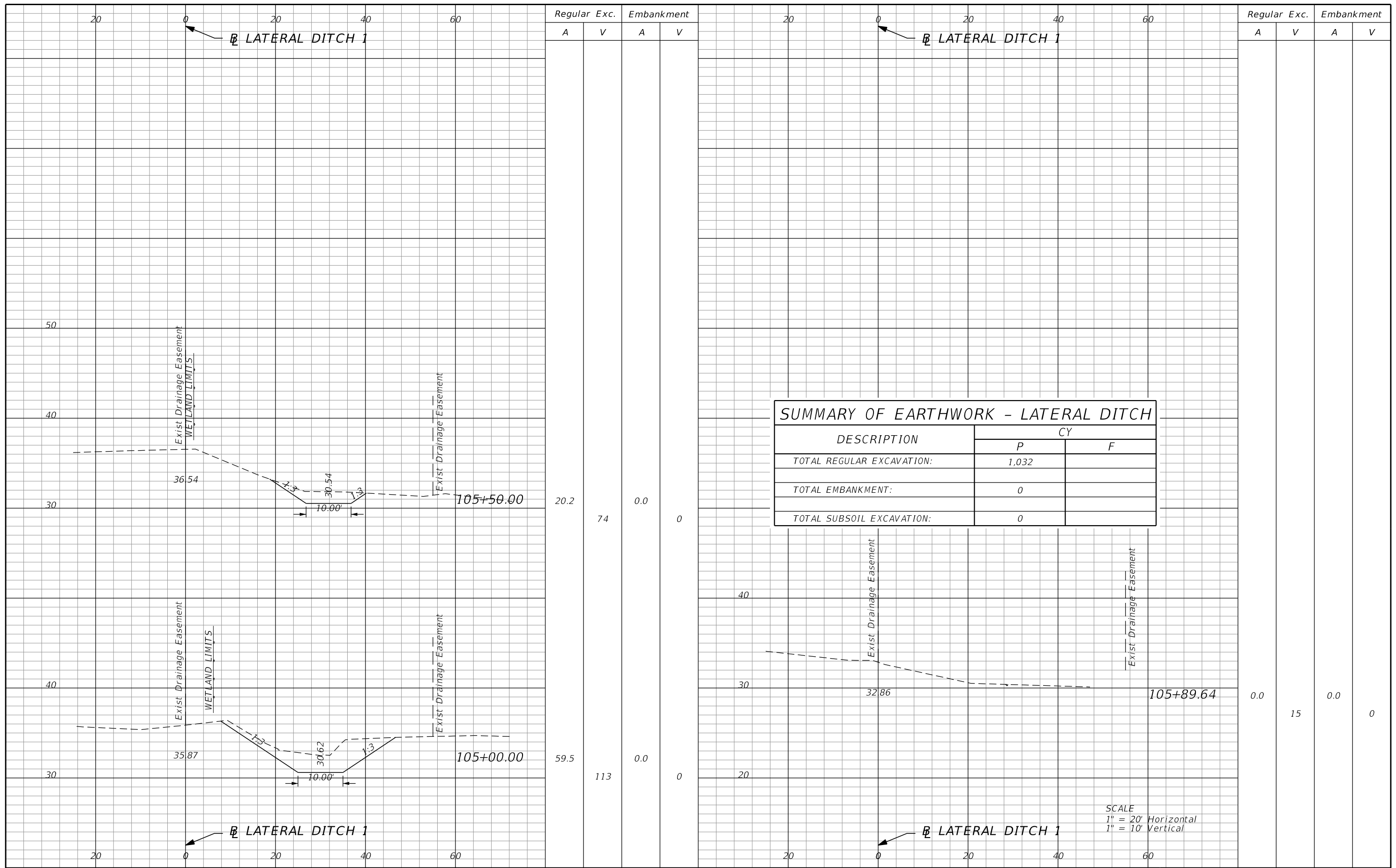
SCALE  
 1" = 20' Horizontal  
 1" = 10' Vertical

| REVISIONS |             |      |             |
|-----------|-------------|------|-------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |
|           |             |      |             |

DUSTIN E. PERKINS  
 P.E. LICENSE NO. 69225  
 URS CORPORATION  
 315 E. ROBINSON STREET, SUITE 245  
 ORLANDO, FL 32801-1949  
 PH (407) 422-0353 FAX (407) 423-2695  
 CERTIFICATE OF AUTHORIZATION NO. 000002

| STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      |
|--|----------|----------------------|
| ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |
| 429  | SEMINOLE | 240200-2-52-01       |

|  |                                     |
|--|-------------------------------------|
| <p><b>LATERAL DITCH<br/>CROSS SECTIONS</b></p> | <p>SHEET<br/>NO.<br/><b>542</b></p> |
|--|-------------------------------------|



| SUMMARY OF EARTHWORK - LATERAL DITCH |       |   |
|--------------------------------------|-------|---|
| DESCRIPTION                          | CY    |   |
|                                      | P     | F |
| TOTAL REGULAR EXCAVATION:            | 1,032 |   |
| TOTAL EMBANKMENT:                    | 0     |   |
| TOTAL SUBSOIL EXCAVATION:            | 0     |   |

| Regular Exc. |     | Embankment |   |
|--------------|-----|------------|---|
| A            | V   | A          | V |
| 20.2         | 74  | 0.0        | 0 |
| 59.5         | 113 | 0.0        | 0 |

| Regular Exc. |    | Embankment |   |
|--------------|----|------------|---|
| A            | V  | A          | V |
| 0.0          | 15 | 0.0        | 0 |

SCALE  
 1" = 20' Horizontal  
 1" = 10' Vertical

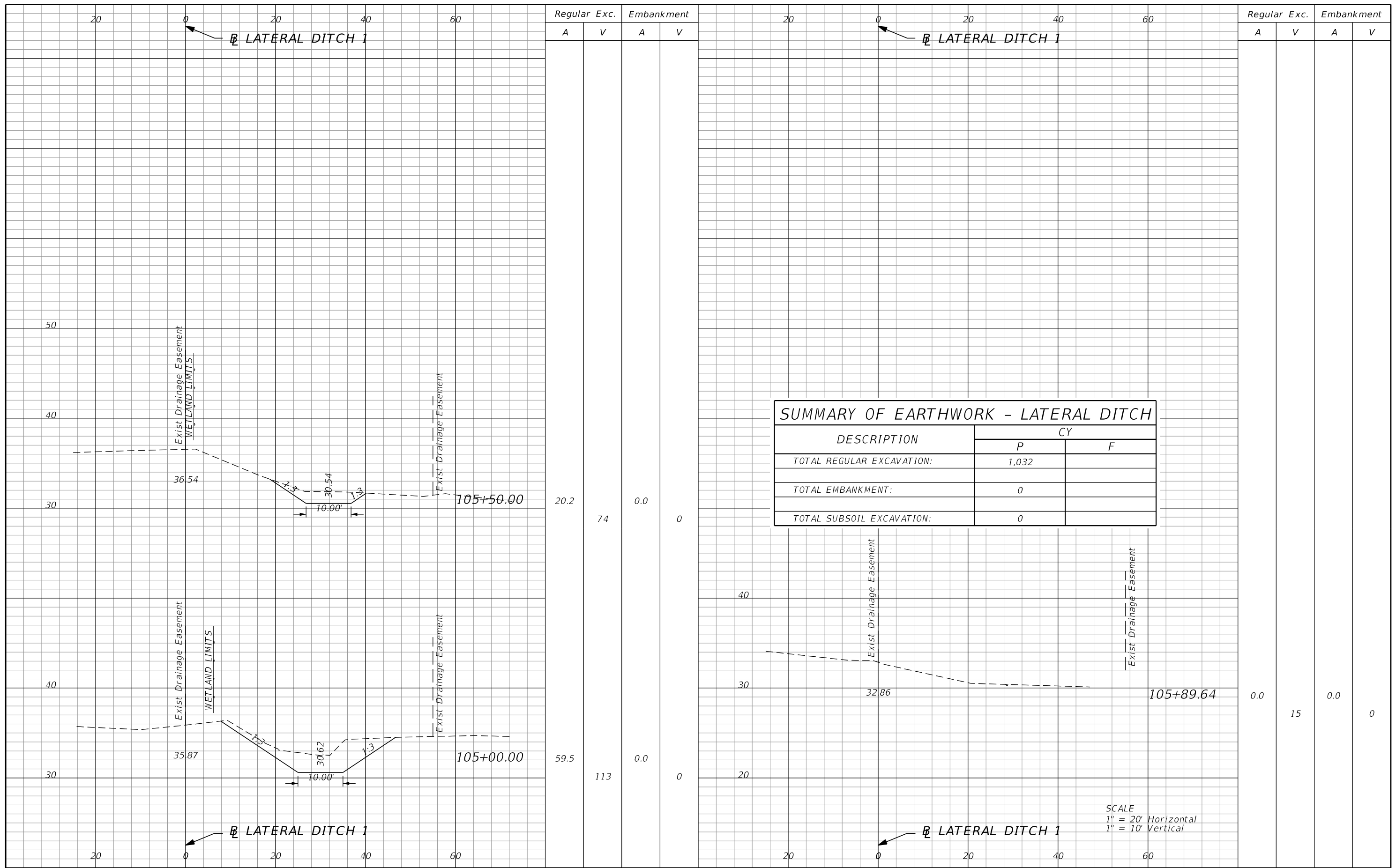
| REVISIONS |             |      |             |
|-----------|-------------|------|-------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |
|           |             |      |             |

DUSTIN E. PERKINS  
 P.E. LICENSE NO. 69225  
 URS CORPORATION  
 315 E. ROBINSON STREET, SUITE 245  
 ORLANDO, FL 32801-1949  
 PH (407) 422-0353 FAX (407) 423-2695  
 CERTIFICATE OF AUTHORIZATION NO. 000002

| STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      |
|--|----------|----------------------|
| ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |
| 429  | SEMINOLE | 240200-2-52-01       |

**LATERAL DITCH  
CROSS SECTIONS**

SHEET NO.  
543



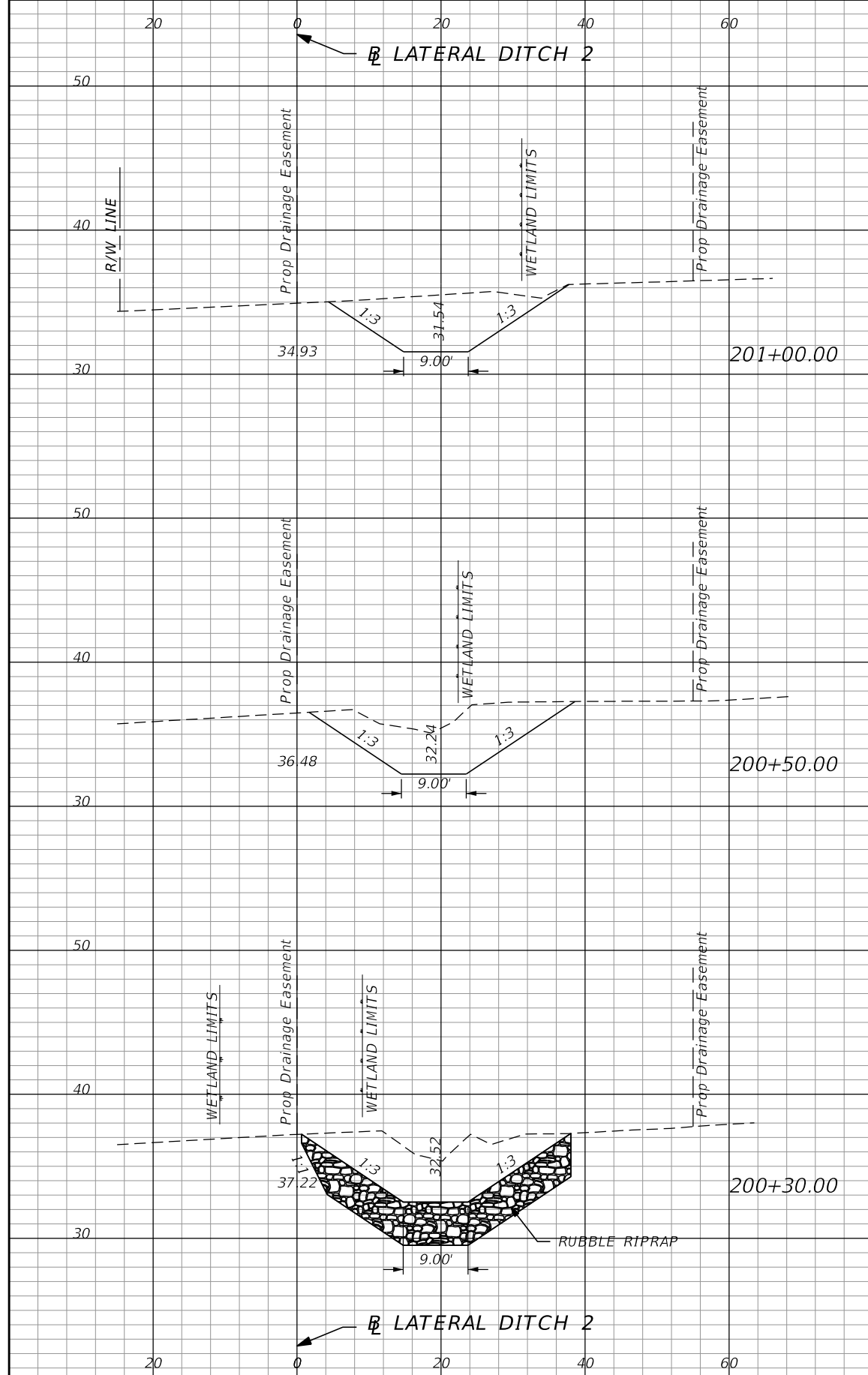
| REVISIONS |             |      |             |
|-----------|-------------|------|-------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |
|           |             |      |             |

DUSTIN E. PERKINS  
P.E. LICENSE NO. 69225  
URS CORPORATION  
315 E. ROBINSON STREET, SUITE 245  
ORLANDO, FL 32801-1949  
PH (407) 422-0353 FAX (407) 423-2695  
CERTIFICATE OF AUTHORIZATION NO. 000002

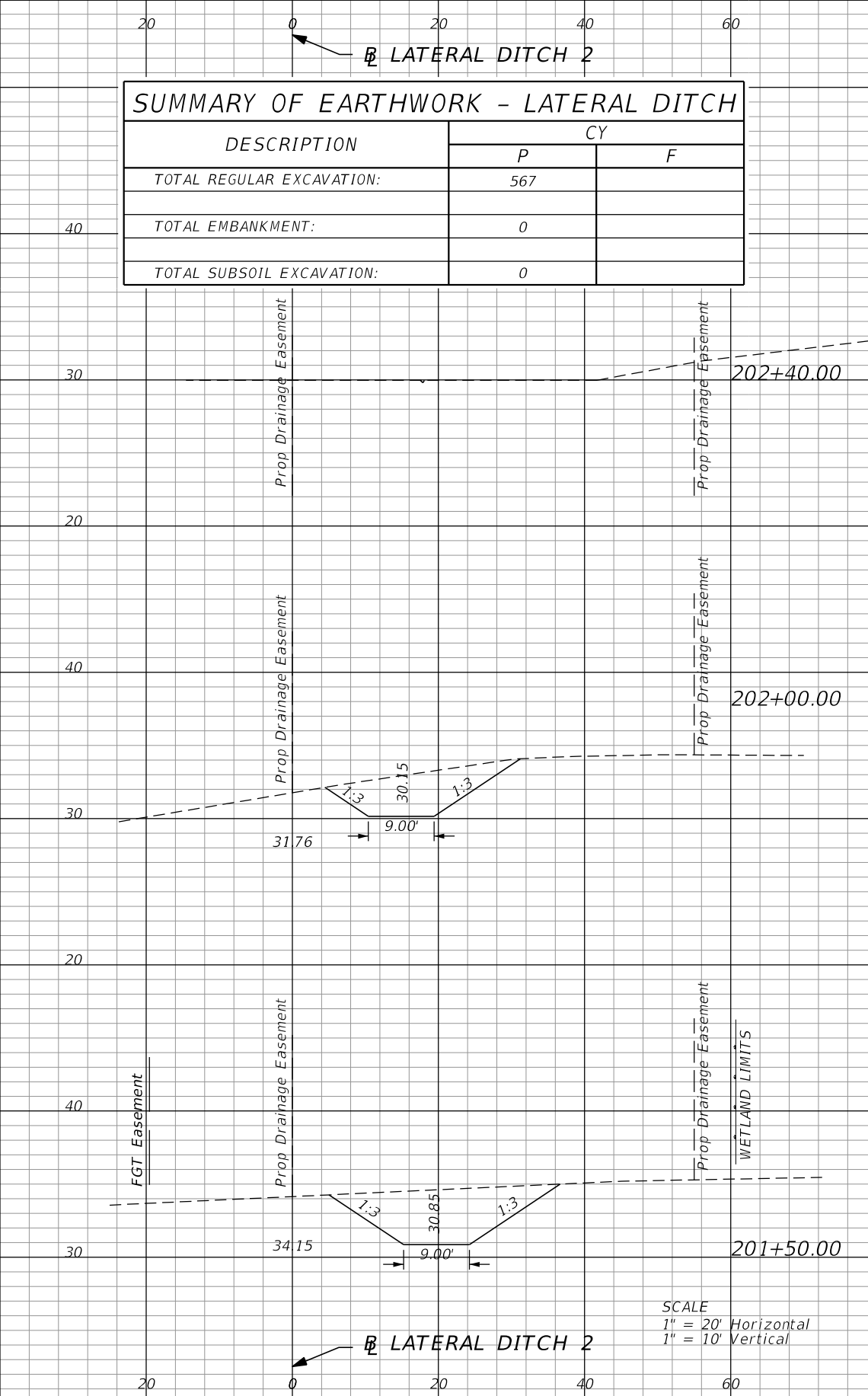
| STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      |
|--|----------|----------------------|
| ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |
| 429  | SEMINOLE | 240200-2-52-01       |

**LATERAL DITCH  
CROSS SECTIONS**

SHEET NO.  
543



| Regular Exc. |     | Embankment |   |
|--------------|-----|------------|---|
| A            | V   | A          | V |
| 79.4         | 158 | 0.0        | 0 |
| 90.8         | 109 | 0.0        | 0 |
| 203.5        | 0   | 0.0        | 0 |



| Regular Exc. |     | Embankment |   |
|--------------|-----|------------|---|
| A            | V   | A          | V |
| 0.1          | 38  | 0.0        | 0 |
| 50.9         | 118 | 0.0        | 0 |
| 76.3         | 144 | 0.0        | 0 |

| DESCRIPTION               | CY  |   |
|---------------------------|-----|---|
|                           | P   | F |
| TOTAL REGULAR EXCAVATION: | 567 |   |
| TOTAL EMBANKMENT:         | 0   |   |
| TOTAL SUBSOIL EXCAVATION: | 0   |   |

SCALE  
 1" = 20' Horizontal  
 1" = 10' Vertical

| REVISIONS |             |      |             |
|-----------|-------------|------|-------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |
|           |             |      |             |

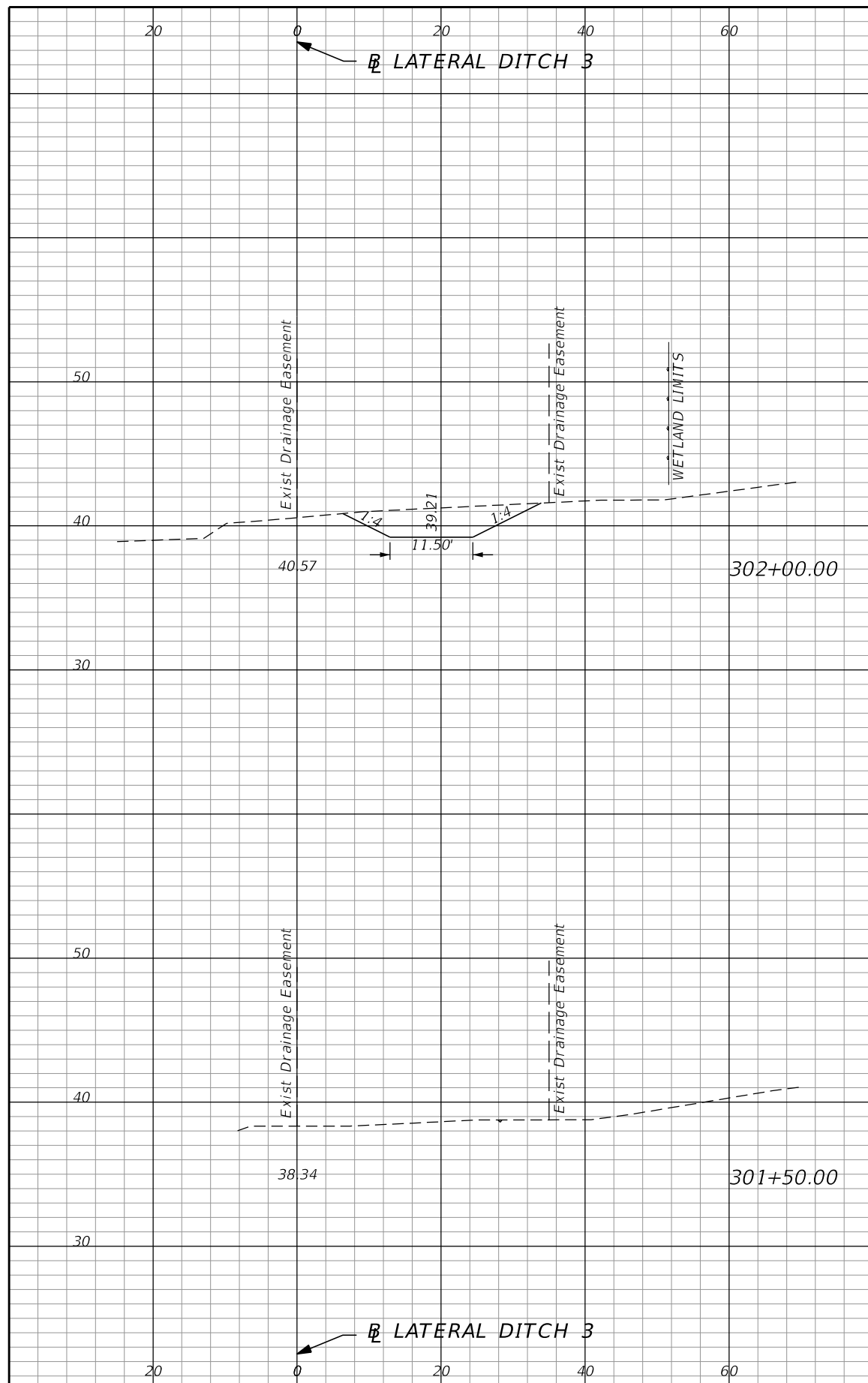
DUSTIN E. PERKINS  
 P.E. LICENSE NO. 69225  
 URS CORPORATION  
 315 E. ROBINSON STREET, SUITE 245  
 ORLANDO, FL 32801-1949  
 PH (407) 422-0353 FAX (407) 423-2695  
 CERTIFICATE OF AUTHORIZATION NO. 000002

| STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      |
|--|----------|----------------------|
| ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |
| 429  | SEMINOLE | 240200-2-52-01       |

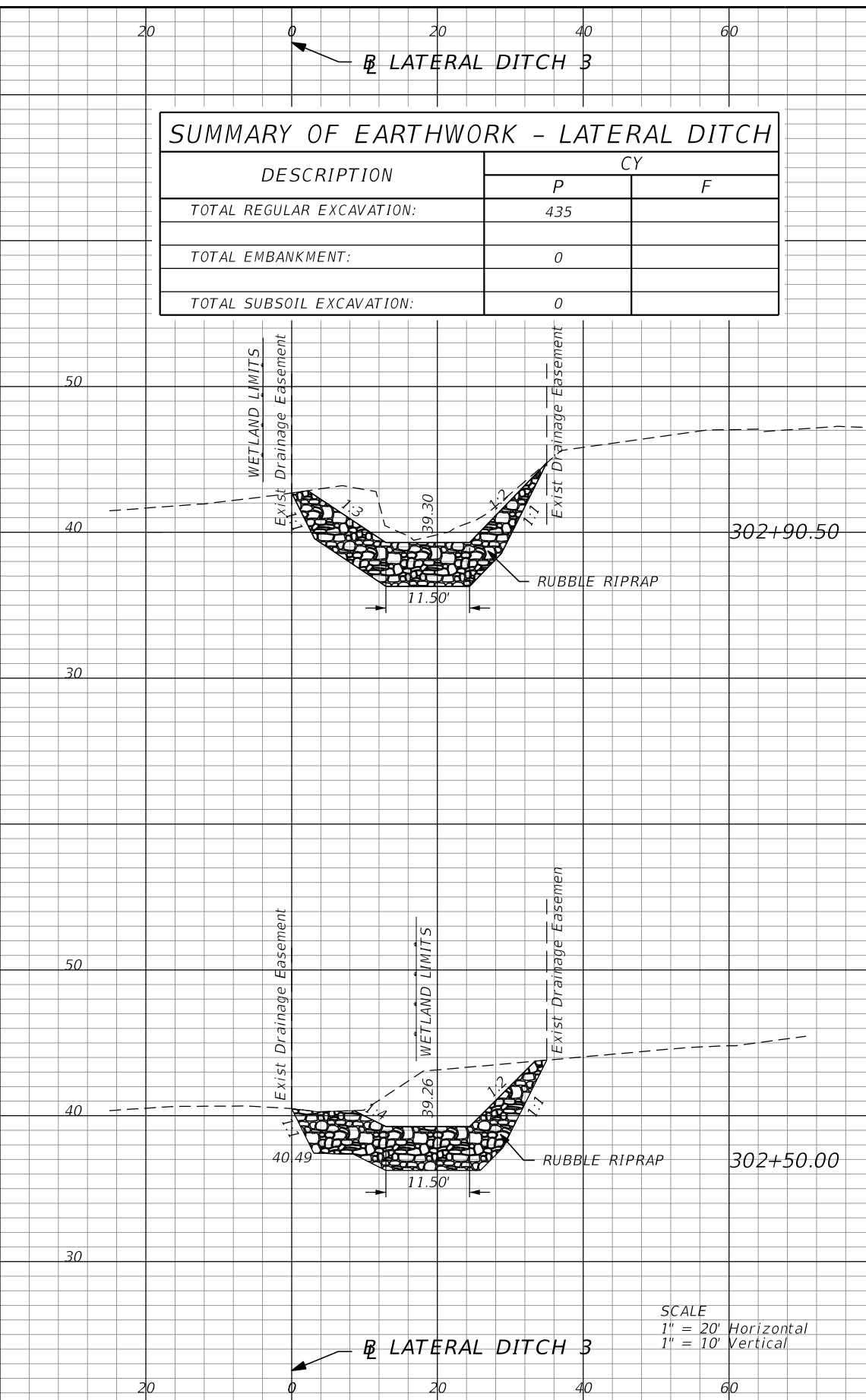
**LATERAL DITCH  
CROSS SECTIONS**

SHEET NO.  
544





| Regular |    | Exc. |   | Embankment |   |
|---------|----|------|---|------------|---|
| A       | V  | A    | V | A          | V |
| 39.5    | 37 | 0.0  | 0 |            |   |
| 0.0     | 0  | 0.0  | 0 |            |   |
| 0.0     | 0  | 0.0  | 0 |            |   |



| DESCRIPTION               | CY  |   |
|---------------------------|-----|---|
|                           | P   | F |
| TOTAL REGULAR EXCAVATION: | 435 |   |
| TOTAL EMBANKMENT:         | 0   |   |
| TOTAL SUBSOIL EXCAVATION: | 0   |   |

| Regular |     | Exc. |   | Embankment |   |
|---------|-----|------|---|------------|---|
| A       | V   | A    | V | A          | V |
| 123.6   | 213 | 0.0  | 0 |            |   |
| 160.0   | 185 | 0.0  | 0 |            |   |

SCALE  
 1" = 20' Horizontal  
 1" = 10' Vertical

| REVISIONS |             |      |             |
|-----------|-------------|------|-------------|
| DATE      | DESCRIPTION | DATE | DESCRIPTION |
|           |             |      |             |

DUSTIN E. PERKINS  
 P.E. LICENSE NO. 69225  
 URS CORPORATION  
 315 E. ROBINSON STREET, SUITE 245  
 ORLANDO, FL 32801-1949  
 PH (407) 422-0353 FAX (407) 423-2695  
 CERTIFICATE OF AUTHORIZATION NO. 000002

| STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      |
|--|----------|----------------------|
| ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |
| 429  | SEMINOLE | 240200-2-52-01       |

**LATERAL DITCH  
CROSS SECTIONS**

SHEET NO.  
545

**POND WR1 INFORMATION**

DRY RETENTION POND  
 ESHW EL = 30.40  
 DHW EL = 36.35 (25 YR/24 HR)

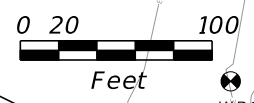
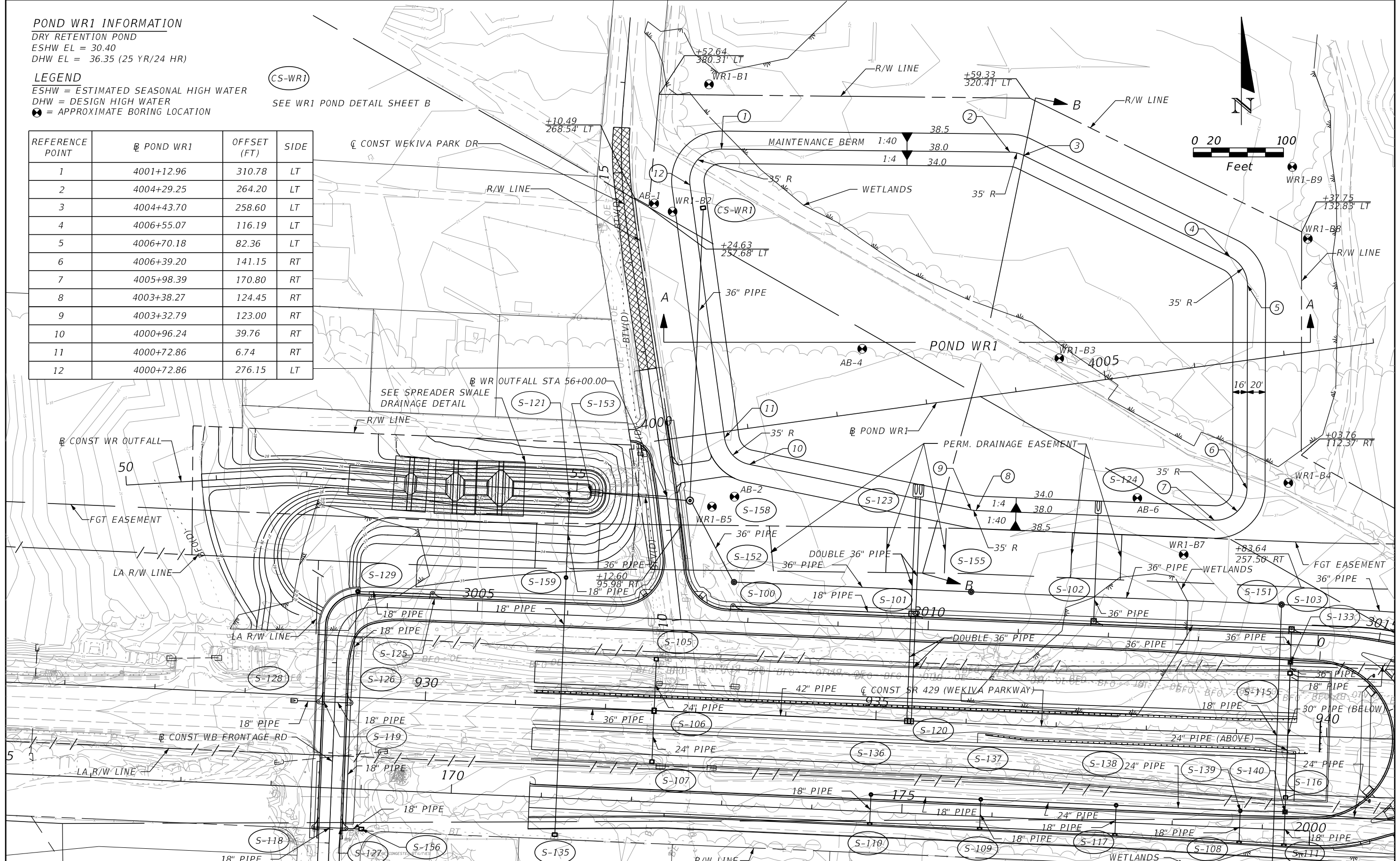
**LEGEND**

ESHW = ESTIMATED SEASONAL HIGH WATER  
 DHW = DESIGN HIGH WATER  
 ● = APPROXIMATE BORING LOCATION

(CS-WR1)

SEE WR1 POND DETAIL SHEET B

| REFERENCE POINT | ℄ POND WR1 | OFFSET (FT) | SIDE |
|-----------------|------------|-------------|------|
| 1               | 4001+12.96 | 310.78      | LT   |
| 2               | 4004+29.25 | 264.20      | LT   |
| 3               | 4004+43.70 | 258.60      | LT   |
| 4               | 4006+55.07 | 116.19      | LT   |
| 5               | 4006+70.18 | 82.36       | LT   |
| 6               | 4006+39.20 | 141.15      | RT   |
| 7               | 4005+98.39 | 170.80      | RT   |
| 8               | 4003+38.27 | 124.45      | RT   |
| 9               | 4003+32.79 | 123.00      | RT   |
| 10              | 4000+96.24 | 39.76       | RT   |
| 11              | 4000+72.86 | 6.74        | RT   |
| 12              | 4000+72.86 | 276.15      | LT   |



| REVISIONS |             |
|-----------|-------------|
| DATE      | DESCRIPTION |
|           |             |
|           |             |

DUSTIN E. PERKINS  
 P.E. LICENSE NO. 69225  
 URS CORPORATION  
 315 E. ROBINSON STREET, SUITE 245  
 ORLANDO, FL 32801-1949  
 PH (407) 422-0353 FAX (407) 423-2695  
 CERTIFICATE OF AUTHORIZATION NO. 000002

| STATE OF FLORIDA<br>DEPARTMENT OF TRANSPORTATION |          |                      |
|--|----------|----------------------|
| ROAD NO.   | COUNTY   | FINANCIAL PROJECT ID |
| 429  | SEMINOLE | 240200-2-52-01       |

**POND WR1  
 DETAIL SHEET (A)**

SHEET NO.  
**546**

PRELIMINARY: NOT FOR CONSTRUCTION