

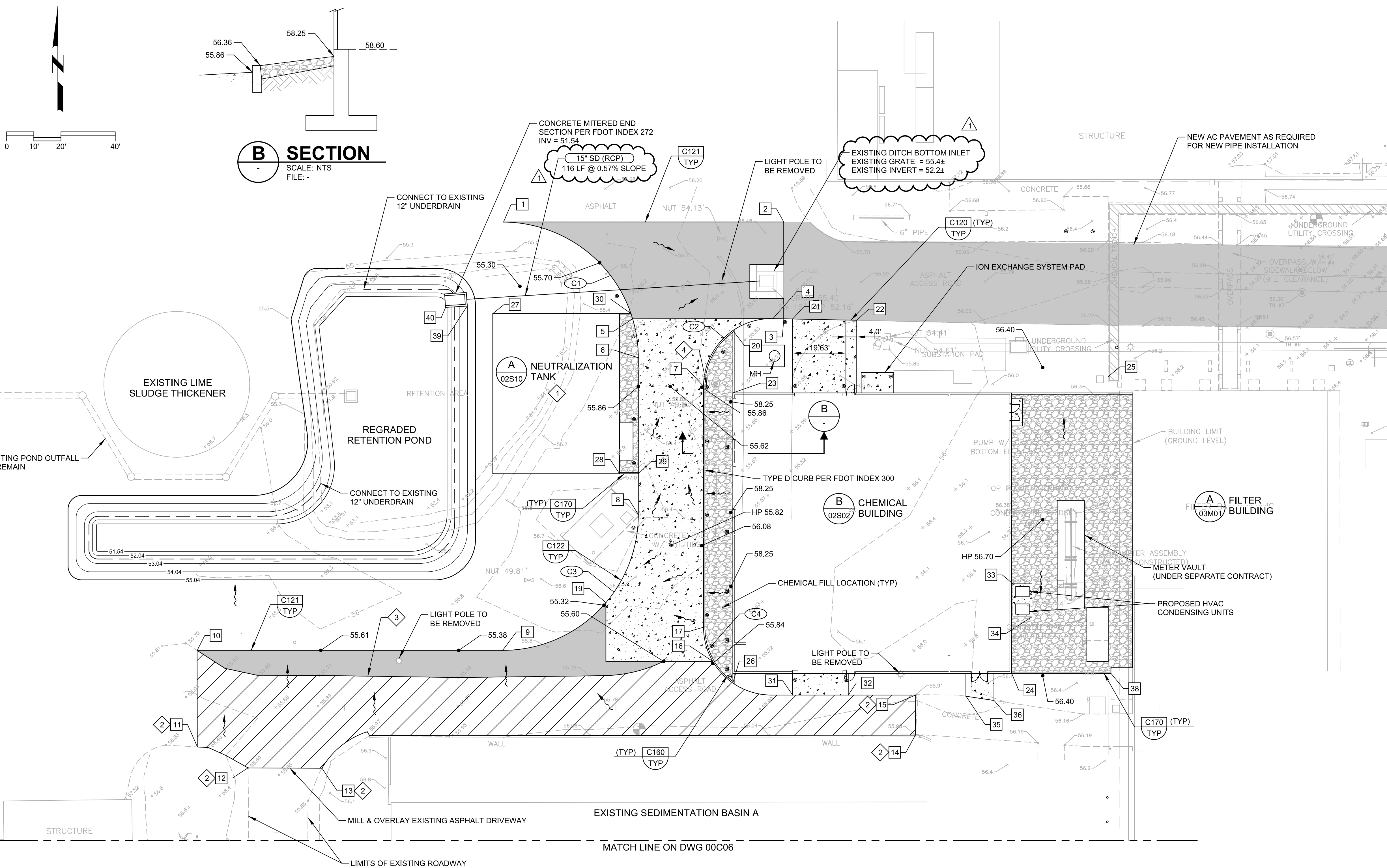
Plot Date: 14-FEB-2019 7:30:22 AM

User: svcPW

PlotScale: 1:1

Model: Layout1 ColorTable: gshade.ctb DesignScript: Carollo Std Pen\_v0905.pen

LAST SAVED BY: dperry



**B SECTION**  
SCALE: NTS  
FILE: -

**A PLAN**  
FILE: 2012-14-1855.dwg

|  |                  |  |             |
|--|------------------|--|-------------|
|  | MILL AND OVERLAY |  | AC PAVEMENT |
|  | CONCRETE         |  | STONE       |

- GENERAL NOTES:**
- FOR GENERAL CIVIL NOTES SEE DWG 00C01.
- KEY NOTES:**
- NEUTRALIZATION TANKS TO BE LOCATED IN CONTAINMENT AREA AND COVERED.
  - LIMITS OF MILL & OVERLAY TO BE VERIFIED IN THE FIELD BASED ON EXISTING ASPHALT AND TO MATCH EXISTING ELEVATIONS.
  - NEW ASPHALT TO TIE INTO OVERLAY AND MATCH ELEVATIONS.
  - BOLLARDS PLACED AT VARYING INTERVALS, AVOIDING EX 54" WM.

| GRADING AND STRUCTURE COORDINATE POINTS |            |           |                    |
|-----------------------------------------|------------|-----------|--------------------|
| POINT                                   | NORTHING   | EASTING   | DESCRIPTION        |
| 1                                       | 1147230.46 | 539837.51 | BC C01             |
| 2                                       | 1147230.46 | 539940.72 | PI                 |
| 3                                       | 1147194.81 | 539940.72 | PI                 |
| 4                                       | 1147194.89 | 539936.72 | EC C02             |
| 5                                       | 1147194.81 | 539885.07 | PI                 |
| 6                                       | 1147180.46 | 539887.17 | EC C01             |
| 7                                       | 1147169.89 | 539911.17 | BC C02             |
| 8                                       | 1147122.67 | 539887.17 | BC C03             |
| 9                                       | 1147072.67 | 539837.17 | EC C03             |
| 10                                      | 1147072.67 | 539724.68 | ASPHALT            |
| 11                                      | 1147037.11 | 539724.75 | ASPHALT            |
| 12                                      | 1147029.40 | 539743.43 | ASPHALT            |
| 13                                      | 1147029.26 | 539770.65 | ASPHALT            |
| 14                                      | 1147041.46 | 539989.18 | ASPHALT            |
| 15                                      | 1147056.22 | 539989.30 | ASPHALT            |
| 16                                      | 1147068.63 | 539914.58 | BC C04             |
| 17                                      | 1147081.22 | 539911.17 | EC C04             |
| 18                                      | 1147068.63 | 539875.23 | PI                 |
| 19                                      | 1147090.24 | 539875.23 | PI                 |
| 20                                      | 1147190.81 | 539922.47 | CURB               |
| 21                                      | 1147194.74 | 539943.97 | RAMP               |
| 22                                      | 1147194.27 | 539967.60 | SIDEWALK           |
| 23                                      | 1147167.52 | 539921.97 | BLDG CORNER        |
| 24                                      | 1147064.19 | 540024.64 | BLDG CORNER & CURB |
| 25                                      | 1147167.52 | 540069.06 | CURB               |
| 26                                      | 1147060.31 | 539922.47 | CURB               |
| 27                                      | 1147196.74 | 539833.55 | BLDG CORNER        |
| 28                                      | 1147137.74 | 539880.22 | BLDG CORNER        |
| 29                                      | 1147137.74 | 539887.17 | CURB               |
| 30                                      | 1147196.74 | 539884.45 | CURB               |
| 31                                      | 1147056.22 | 539943.97 | RAMP               |
| 32                                      | 1147056.22 | 539964.47 | RAMP               |
| 33                                      | 1147097.19 | 540025.14 | CONC PAD           |
| 34                                      | 1147085.02 | 540032.14 | CONC PAD           |
| 35                                      | 1147055.80 | 540007.81 | SIDEWALK           |
| 36                                      | 1147054.23 | 540018.14 | SIDEWALK           |
| 37                                      | NOT USED   |           |                    |
| 38                                      | 1147064.19 | 540061.22 | CURB               |
| 39                                      | 1147199.50 | 539824.14 | STR COOR           |
| 40                                      | 1147199.01 | 539816.16 | STR COOR           |
| 41                                      | NOT USED   |           |                    |

| CURVE DATA |        |           |        |         |
|------------|--------|-----------|--------|---------|
| NO.        | RADIUS | DELTA     | LENGTH | TANGENT |
| C1         | 50.00  | 89°37'01" | 78.21  | 49.67   |
| C2         | 25.00  | 91°14'44" | 39.81  | 25.55   |
| C3         | 50.00  | 90°00'00" | 78.54  | 50.00   |
| C4         | 25.00  | 30°14'08" | 13.19  | 6.75    |

100% SUBMITTAL

|     |          |     |                      |
|-----|----------|-----|----------------------|
| REV | DATE     | DVP | CHANGES PER ADDENDUM |
| 1   | 02/14/19 | DVP |                      |
| 2   |          | BY  |                      |
| 3   |          |     |                      |
| 4   |          |     |                      |

|                 |  |                      |
|-----------------|--|----------------------|
| DESIGNED<br>BRW |  | DATE<br>JANUARY 2019 |
| DRAWN<br>DVP    |  |                      |
| CHECKED<br>SS   |  |                      |
| DATE            |  |                      |

Digitally signed by Brent White  
Date: 2019.02.14 10:36:56 -05'00'  
PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

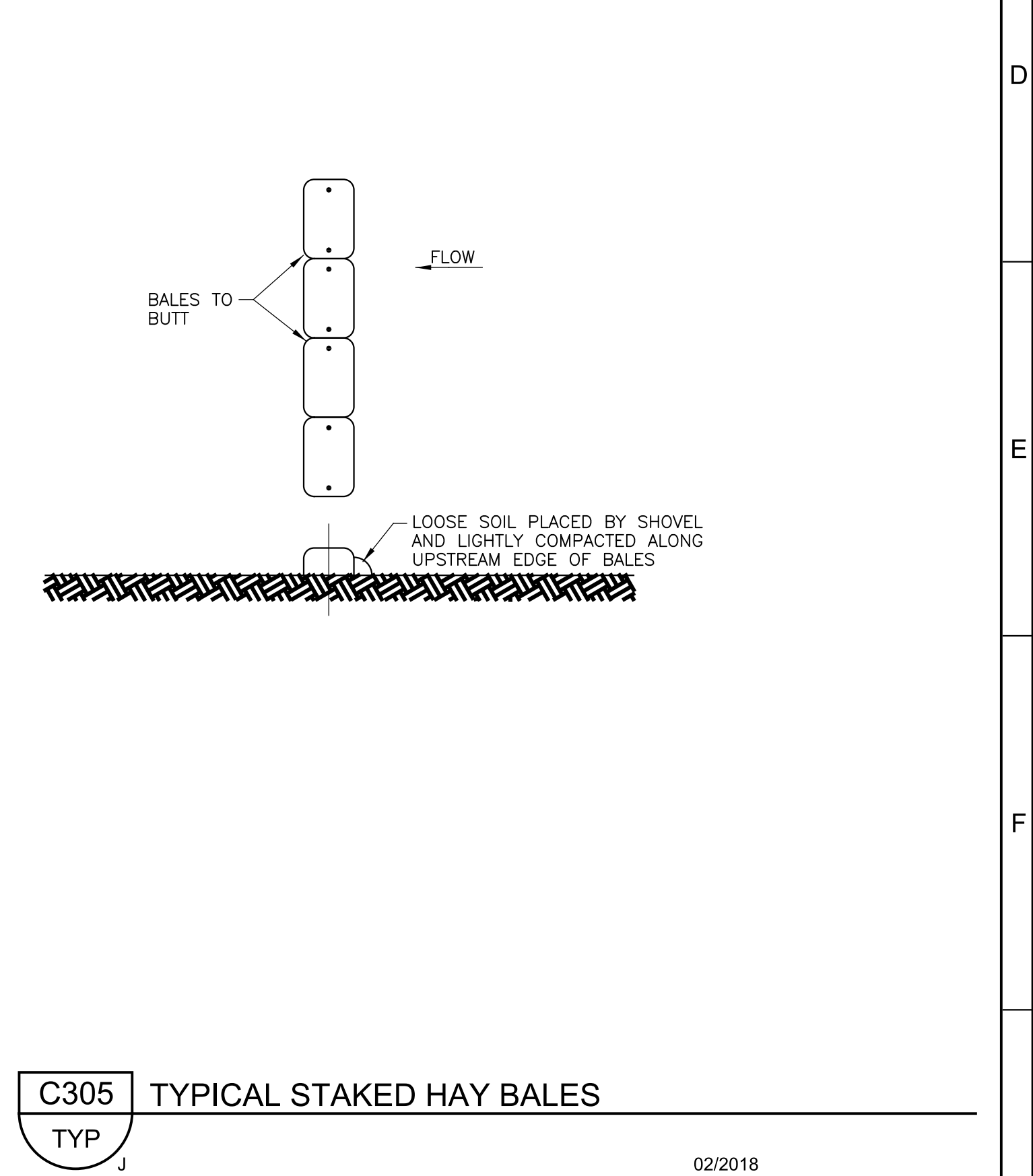
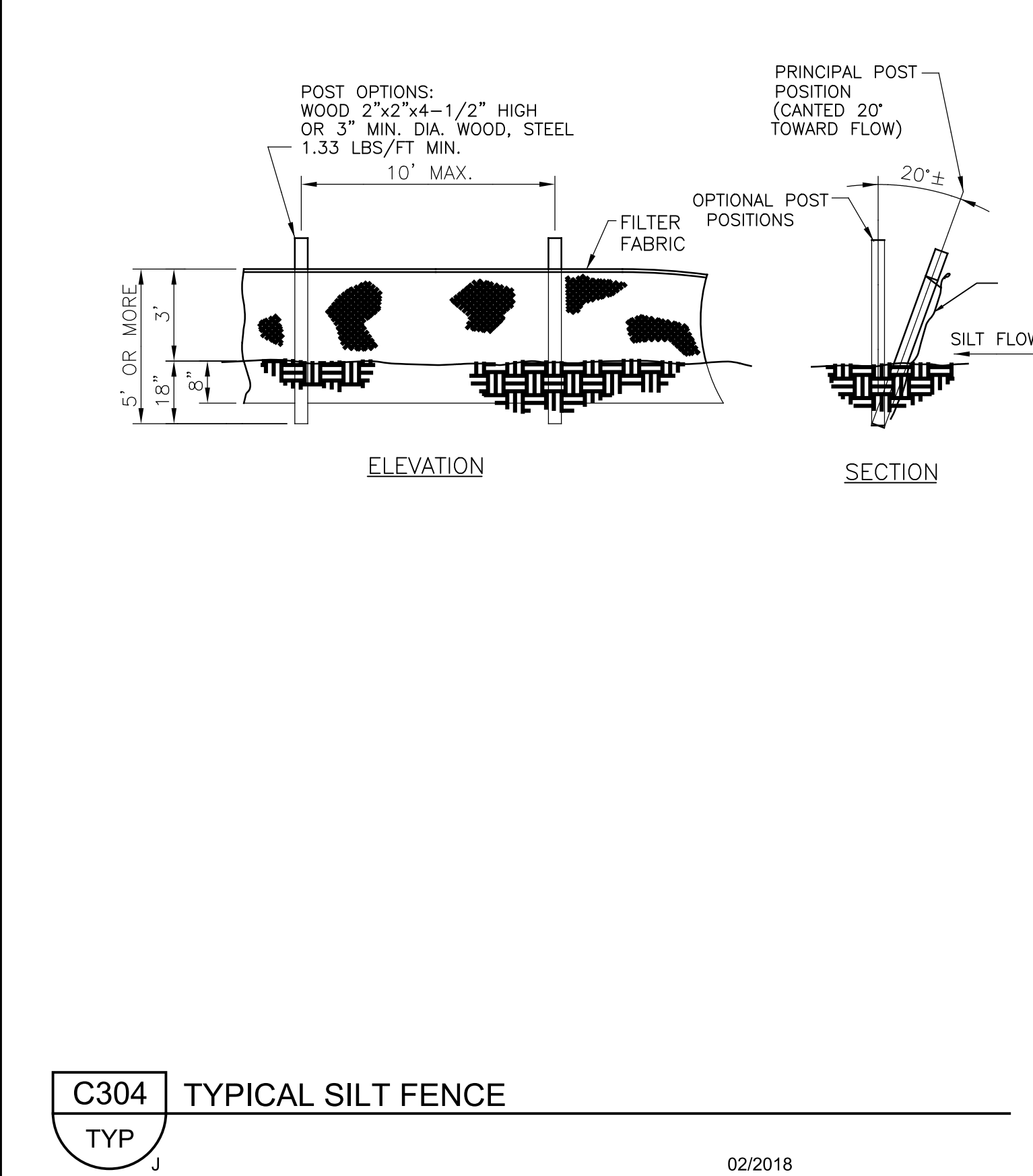
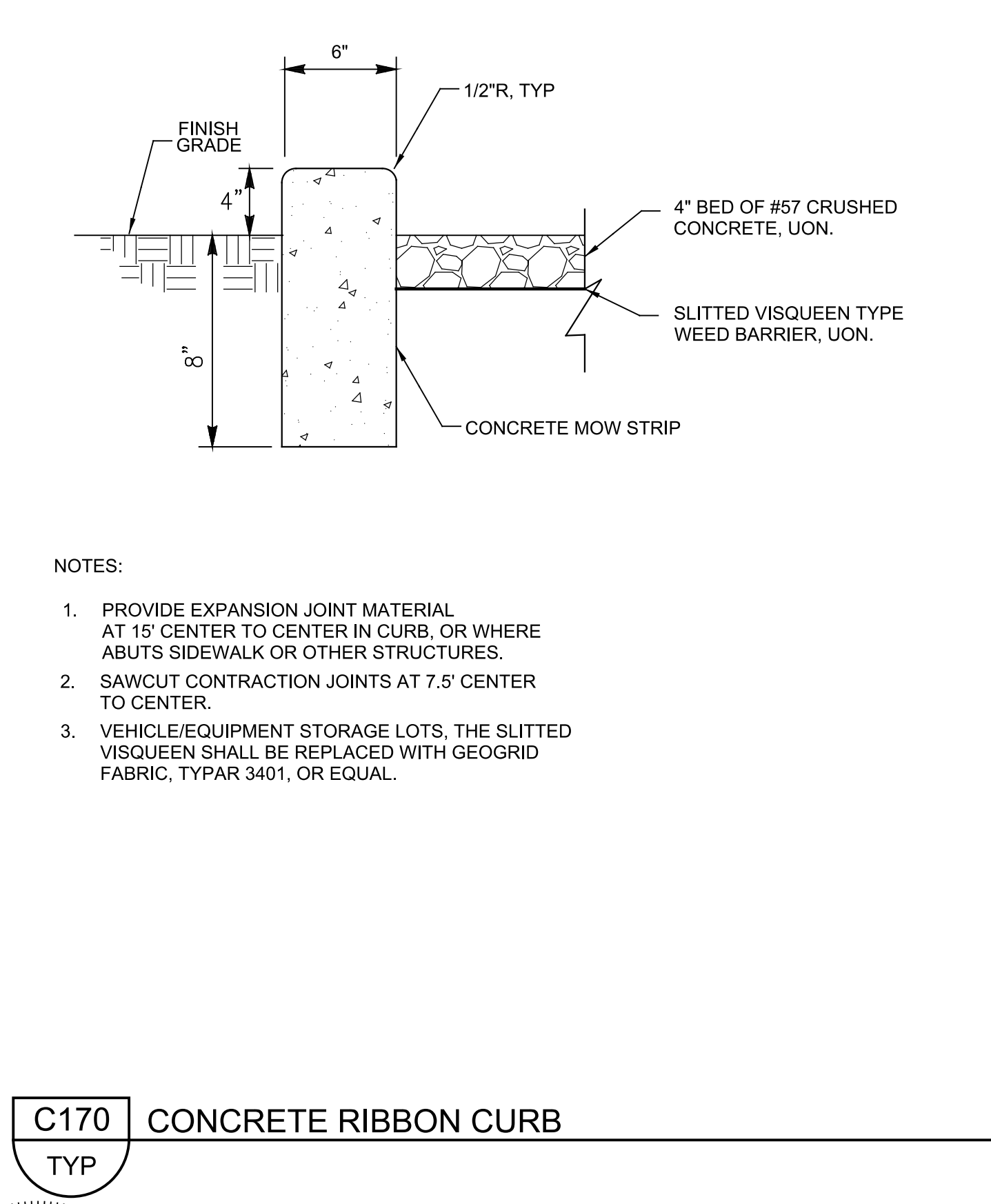
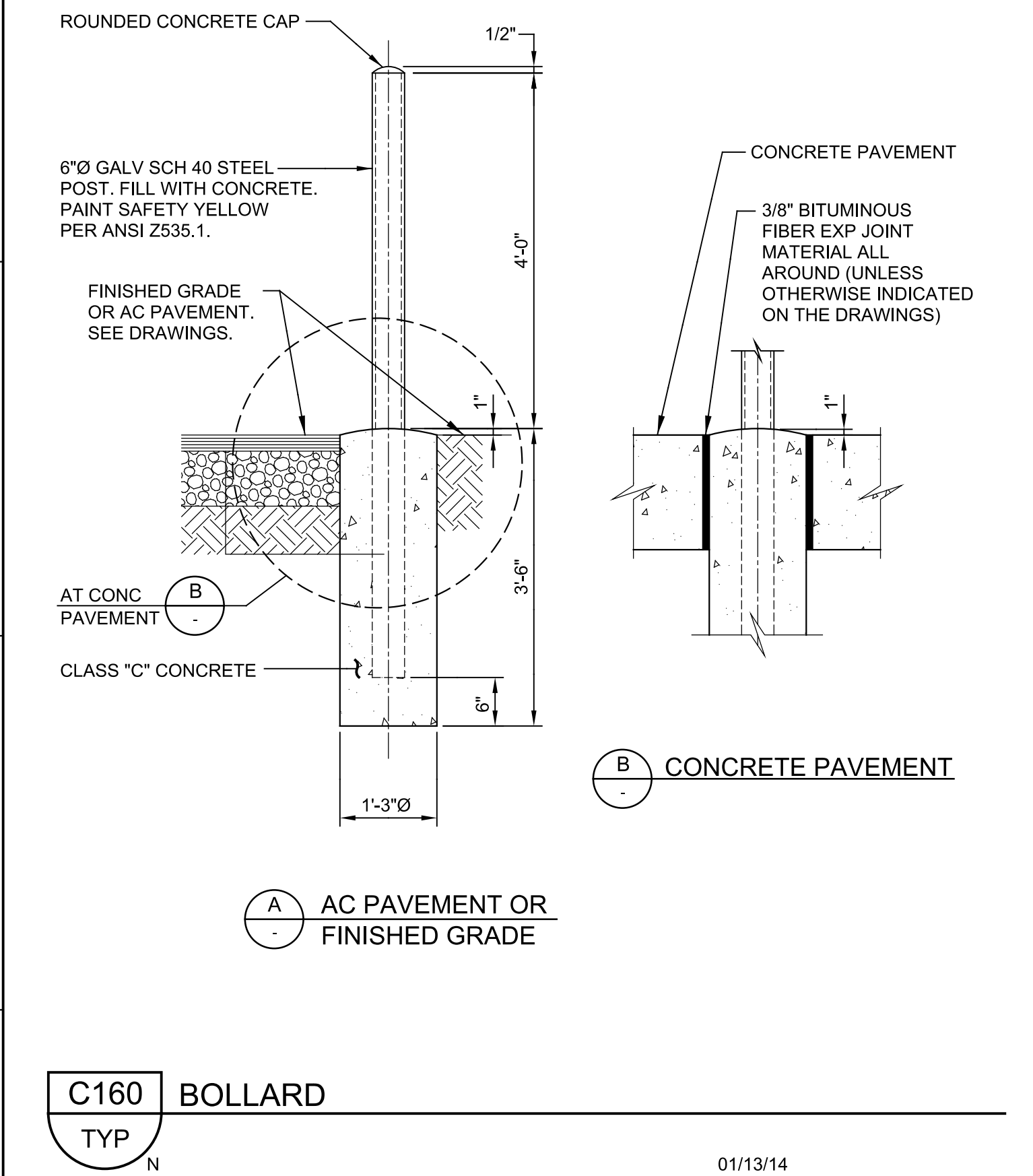
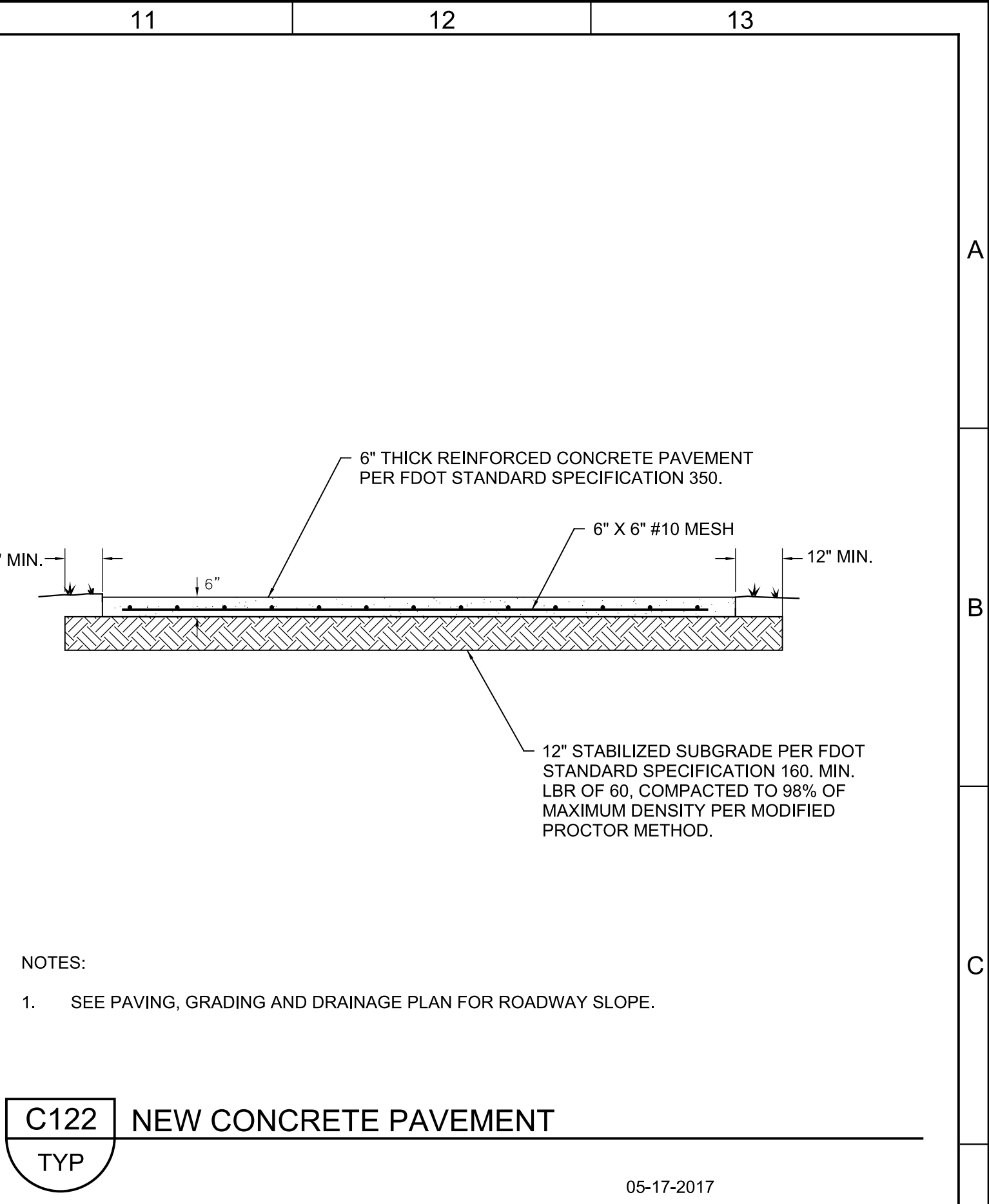
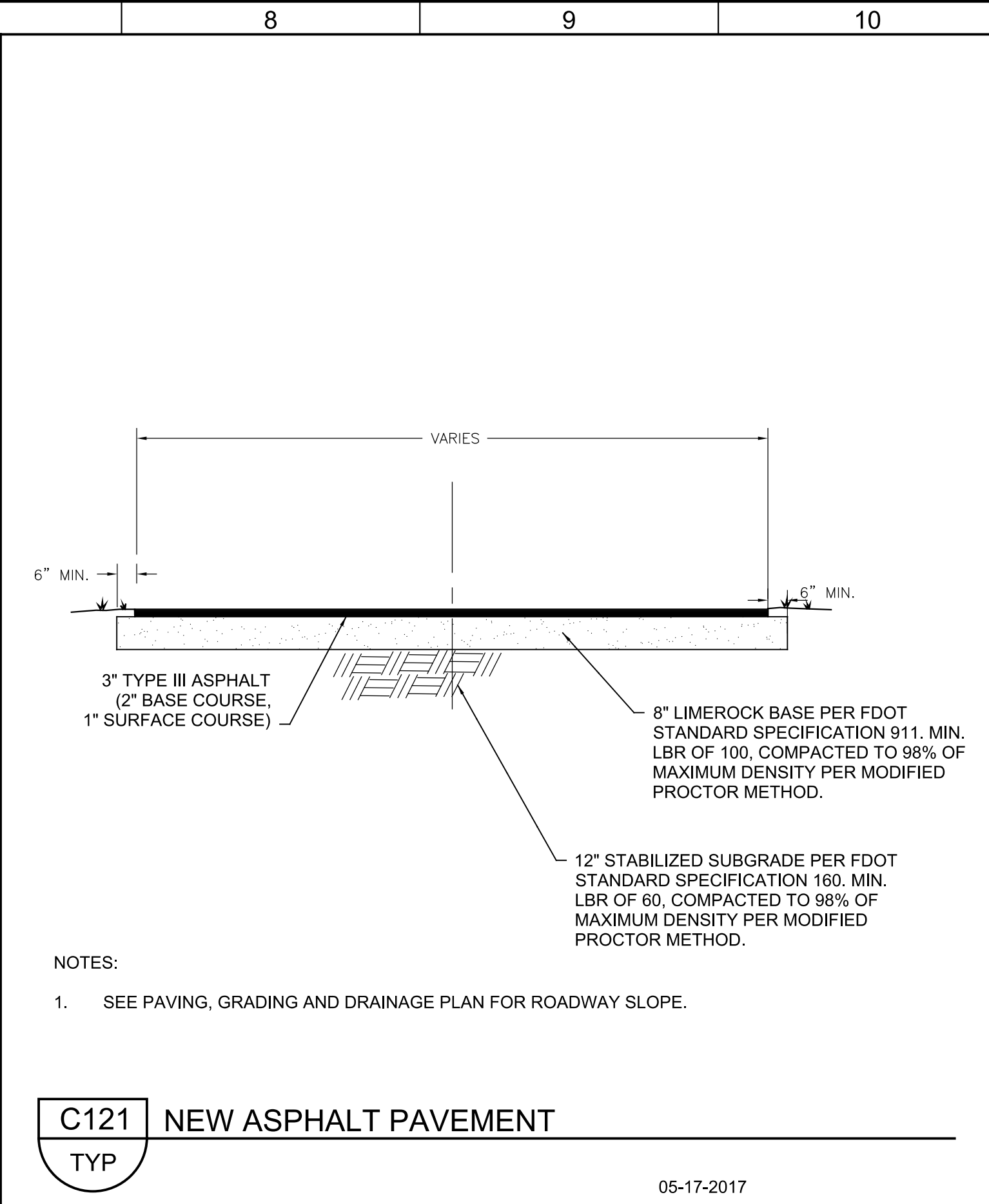
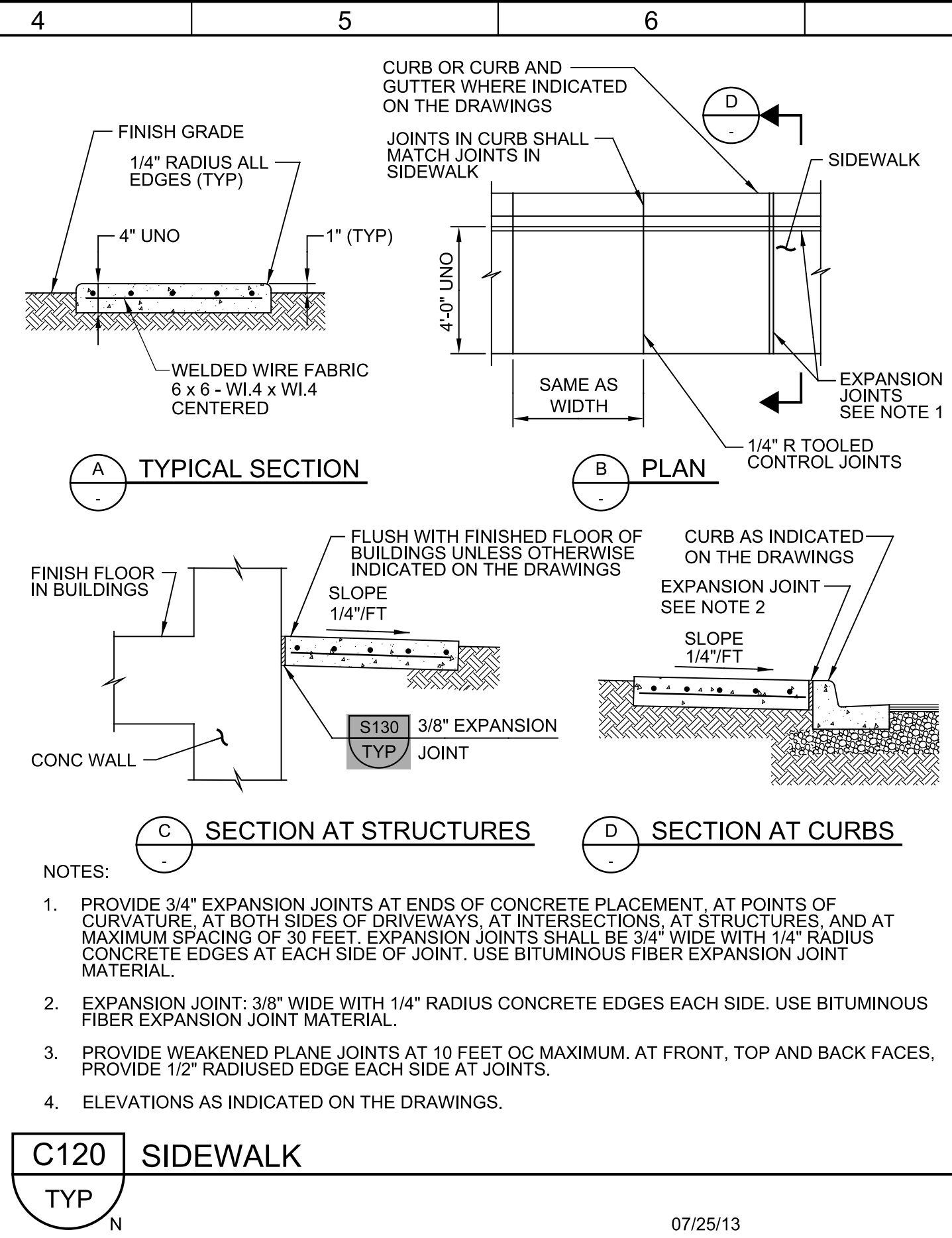
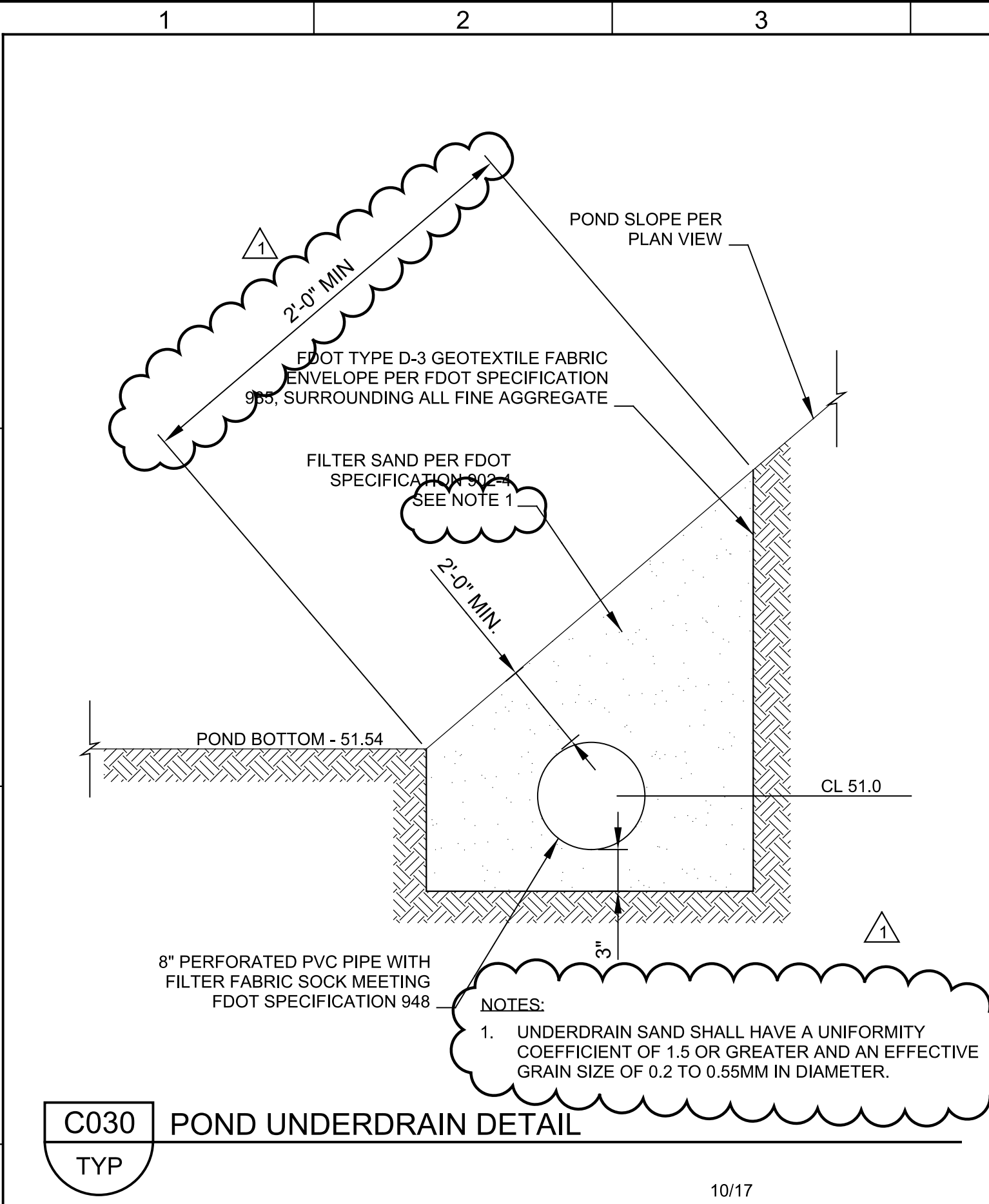
301 NORTH CATTLEMEN ROAD, SUITE 302  
SARASOTA, FLORIDA 34232  
PHONE (941) 371-9832 FAX (941) 371-9873  
CA 00008571

MANATEE COUNTY  
LAKE MANATEE WTP FILTER UPGRADE  
CIVIL  
PAVING, GRADING, AND DRAINAGE PLAN I

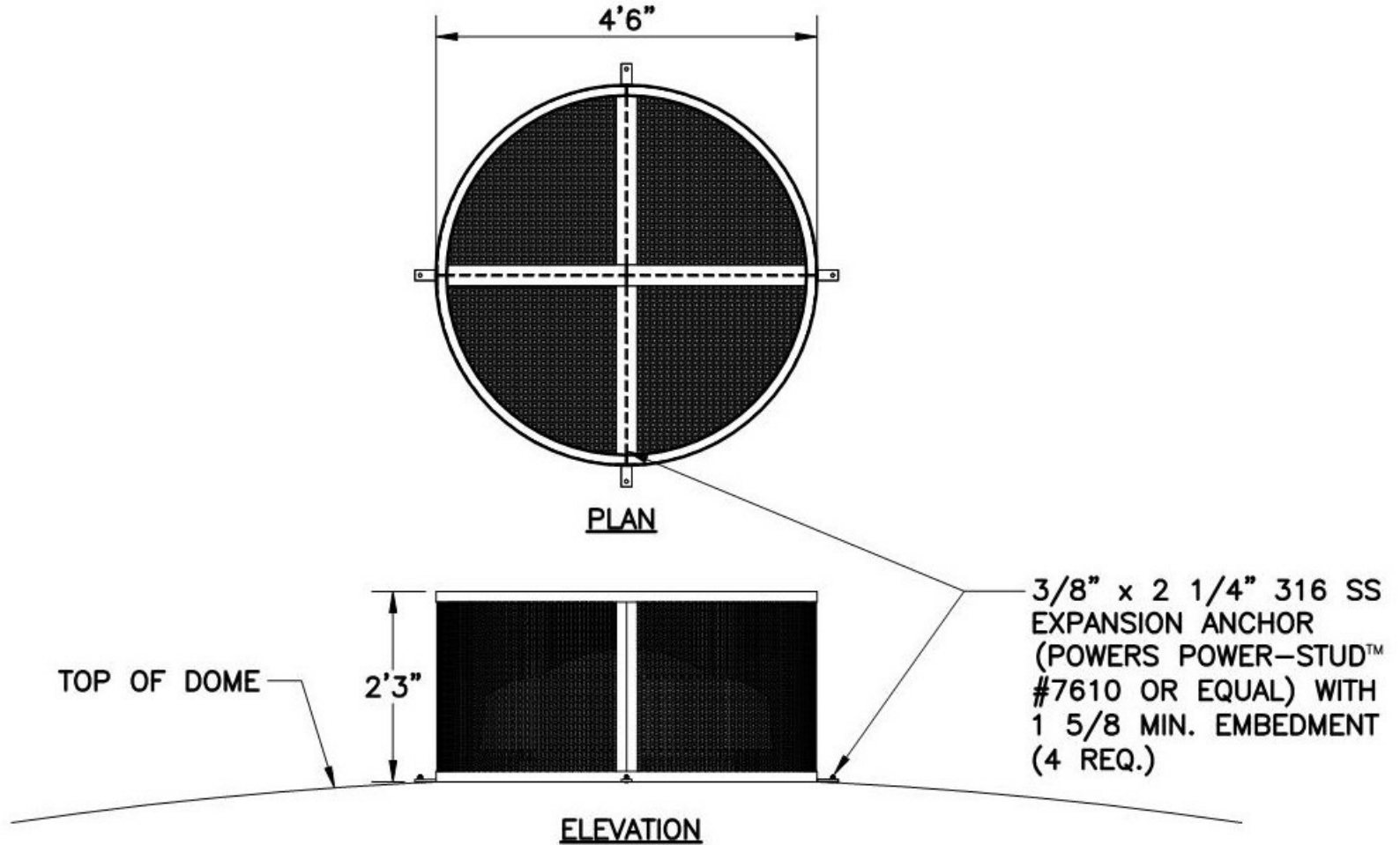
VERIFY SCALES  
BAR IS ONE INCH ON ORIGINAL DRAWING  
0 1" IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY

JOB NO.  
095201.10  
DRAWING NO.  
00C05





|                                                                                     |          |     |                      |                      |                                                                                      |                                                                                                                                                                                |                                                                                       |                                                                                                                                       |                                                                                       |                                 |  |                                                                                            |                      |   |
|-------------------------------------------------------------------------------------|----------|-----|----------------------|----------------------|--------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------|--|--------------------------------------------------------------------------------------------|----------------------|---|
| 100% SUBMITTAL                                                                      |          |     |                      | DESIGNED<br>GDM      |  | <div>Digitally signed<br/>by Brent White<br/>Date: 2019.02.06<br/>10:05:54 -05'00'</div>  |  | <div>401 NORTH CATTLEMEN ROAD, SUITE 306<br/>SARASOTA, FLORIDA 34232<br/>PHONE (941) 371-9832 FAX (941) 371-9873<br/>CA 0000871</div> |  | MANATEE COUNTY                  |  | VERIFY SCALES                                                                              | JOB NO.<br>095201.10 | G |
|                                                                                     |          |     |                      | DRAWN<br>DVP         |                                                                                      |                                                                                                                                                                                |                                                                                       |                                                                                                                                       |                                                                                       | LAKE MANATEE WTP FILTER UPGRADE |  | BAR IS ONE INCH ON<br>ORIGINAL DRAWING                                                     | DRAWING NO.          |   |
|                                                                                     |          |     |                      | CHECKED<br>SS        |                                                                                      |                                                                                                                                                                                |                                                                                       |                                                                                                                                       |                                                                                       | DETAILS                         |  | 0  1" | 00GC01               |   |
|                                                                                     |          |     |                      | DATE<br>JANUARY 2019 |                                                                                      |                                                                                                                                                                                |                                                                                       |                                                                                                                                       |                                                                                       | TYPICAL CIVIL DETAILS           |  | IF NOT ONE INCH ON<br>THIS SHEET, ADJUST<br>SCALES ACCORDINGLY                             |                      |   |
|  | 01/31/19 | DVP | CHANGES PER ADDENDUM |                      |                                                                                      |                                                                                                                                                                                |                                                                                       |                                                                                                                                       |                                                                                       |                                 |  |                                                                                            |                      |   |
| REV                                                                                 | DATE     | BY  | DESCRIPTION          |                      |                                                                                      |                                                                                                                                                                                |                                                                                       |                                                                                                                                       |                                                                                       |                                 |  |                                                                                            |                      |   |



## ALUMINUM SECURITY COVER FOR 25" FIBERGLASS VENTILATOR



1' 0 1' 2'  
1/2"=1'0"

### NOTES:

1. ALL MATERIAL TO BE T6-6061 (OR T6-6063 EQUIVALENT) ALUMINUM UNLESS OTHERWISE NOTED.
2. EXPANDED METAL MESH TO BE 1/2 #.081 STANDARD ALUMINUM.
3. ALL ALUMINUM IN DIRECT CONTACT WITH CONCRETE SHALL BE COATED WITH A MINIMUM 8.0 DRY MIL THICKNESS SERIES 46-465 H.B. TNEMECOL OR EQUAL.

## **R VENT COVER FOR TANK DOME**

02M24

SCALE: NO SCALE

FILE: 9520110-02-050-402