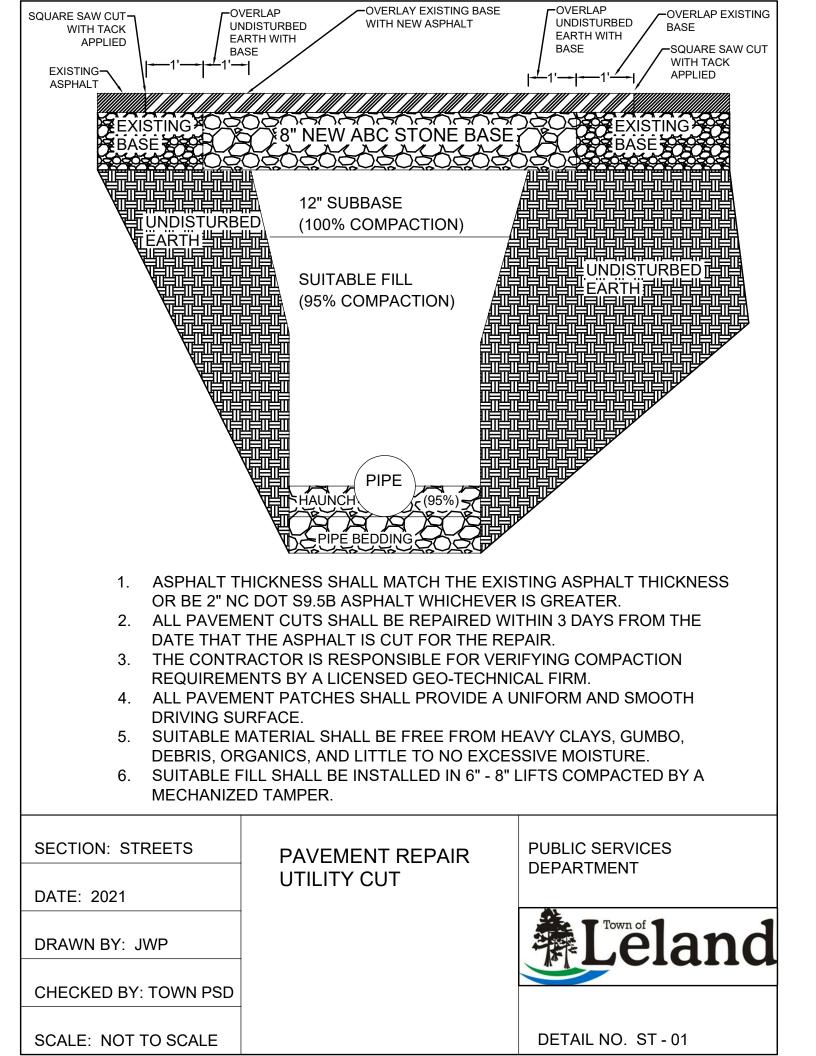
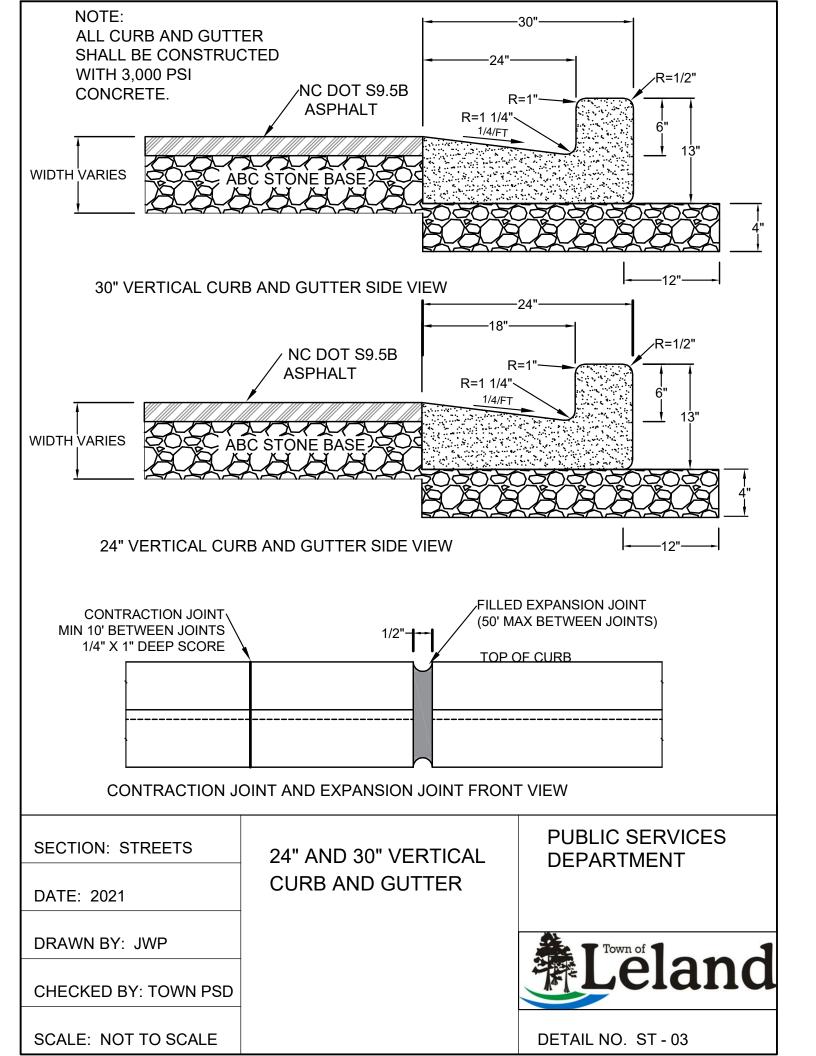


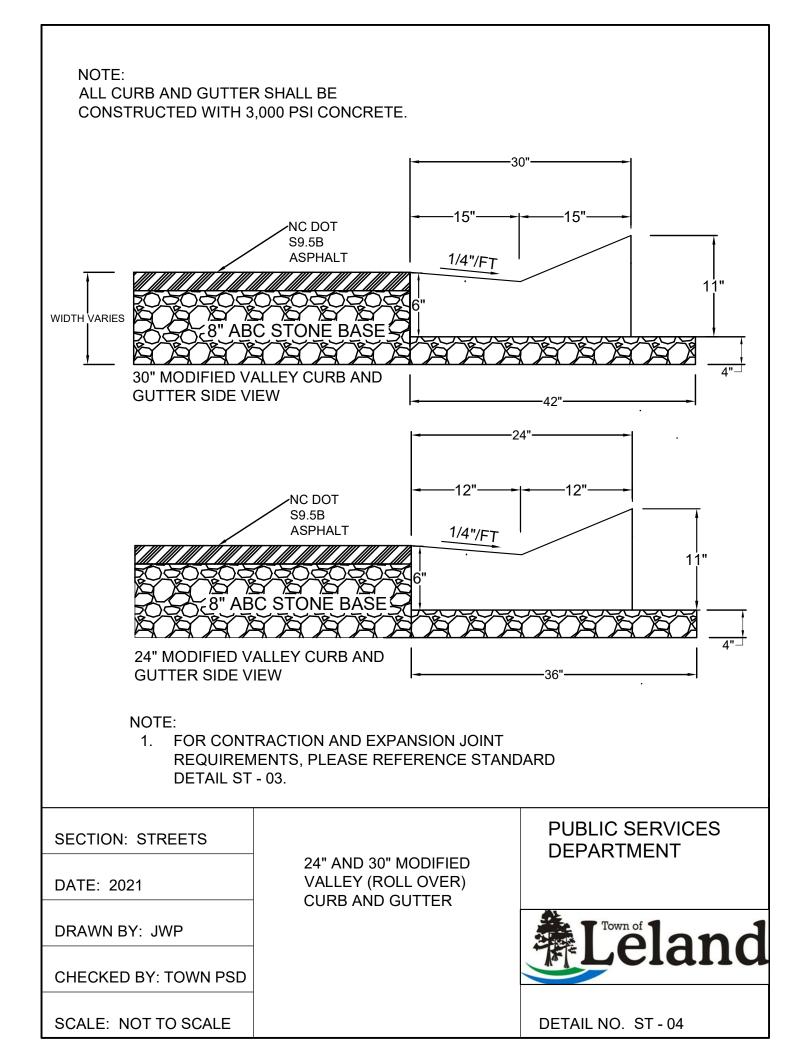
## **Standard Details**

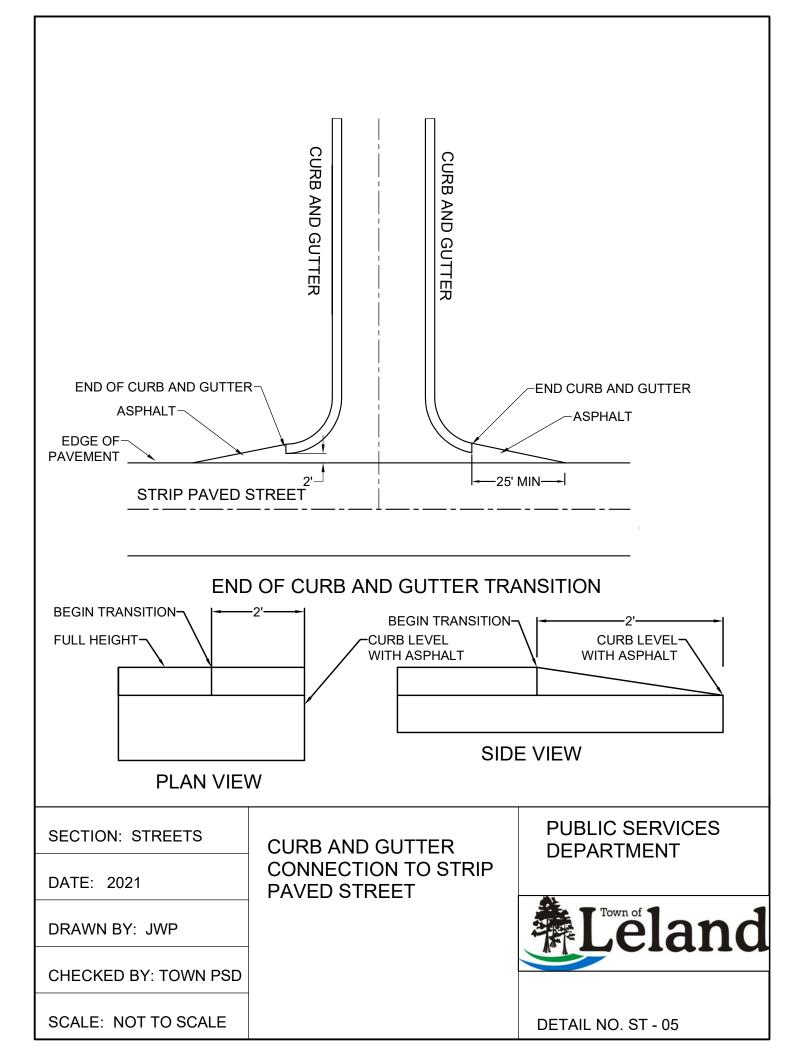
Public Services Department February 2022

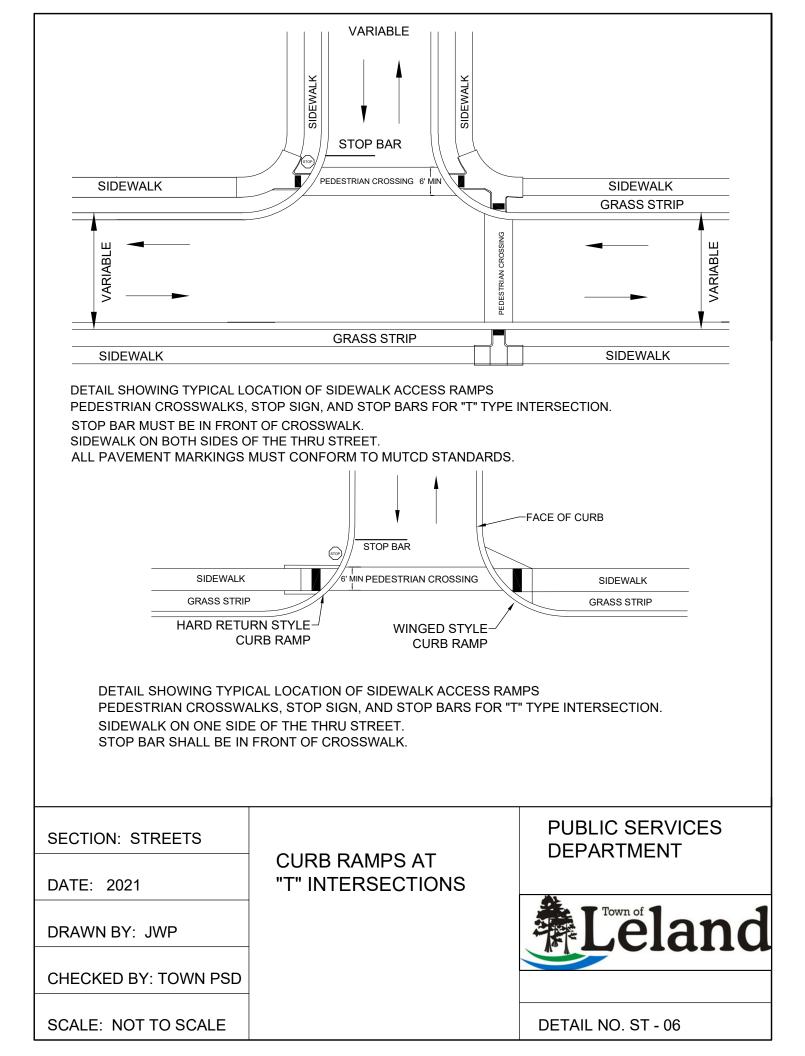


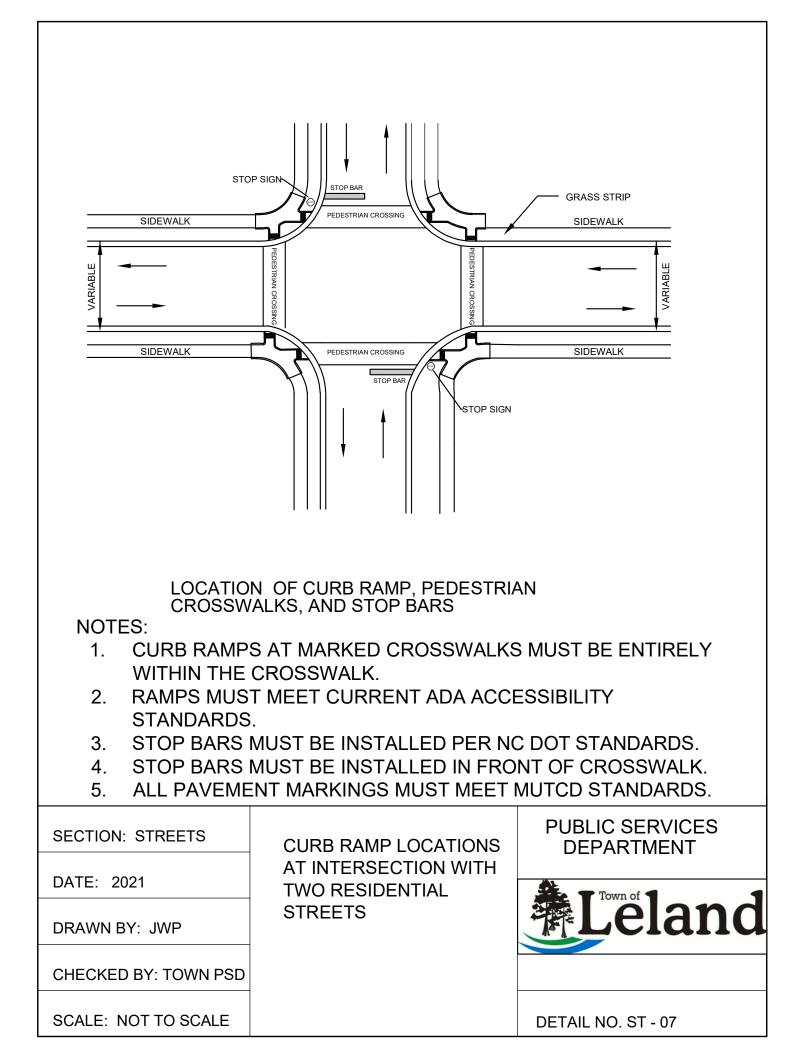
| NOTES:<br>1. ASPHALT<br>EXISTING<br>EXISTING<br>EXISTING<br>EXISTING<br>EXISTING<br>EXISTING<br>EXISTING<br>EXISTING<br>EXISTING<br>EXISTING<br>EXIST<br>BASE<br>EXIST<br>BASE<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXIST<br>EXI | IS RESPONSIBLE FOR VERIFYING COMPA  | THICKNESS OR BE 2" NC<br>COM THE DATE THAT THE<br>CTION REQUIREMENTS BY A<br>COM THE DATE THAT THE<br>CTION REQUIREMENTS BY A<br>COM THE DATE THAT THE<br>CTION REQUIREMENTS BY A |
|--|-------------------------------------|---|
| SECTION: STREETS   | PAVEMENT REPAIR<br>FULL DEPTH PATCH | PUBLIC SERVICES<br>DEPARTMENT   |
| DRAWN BY: JWP  |                                     | #Leland   |
| CHECKED BY: TOWN PSD   |                                     |   |
| SCALE: NOT TO SCALE  |                                     | DETAIL NO. ST - 02  |

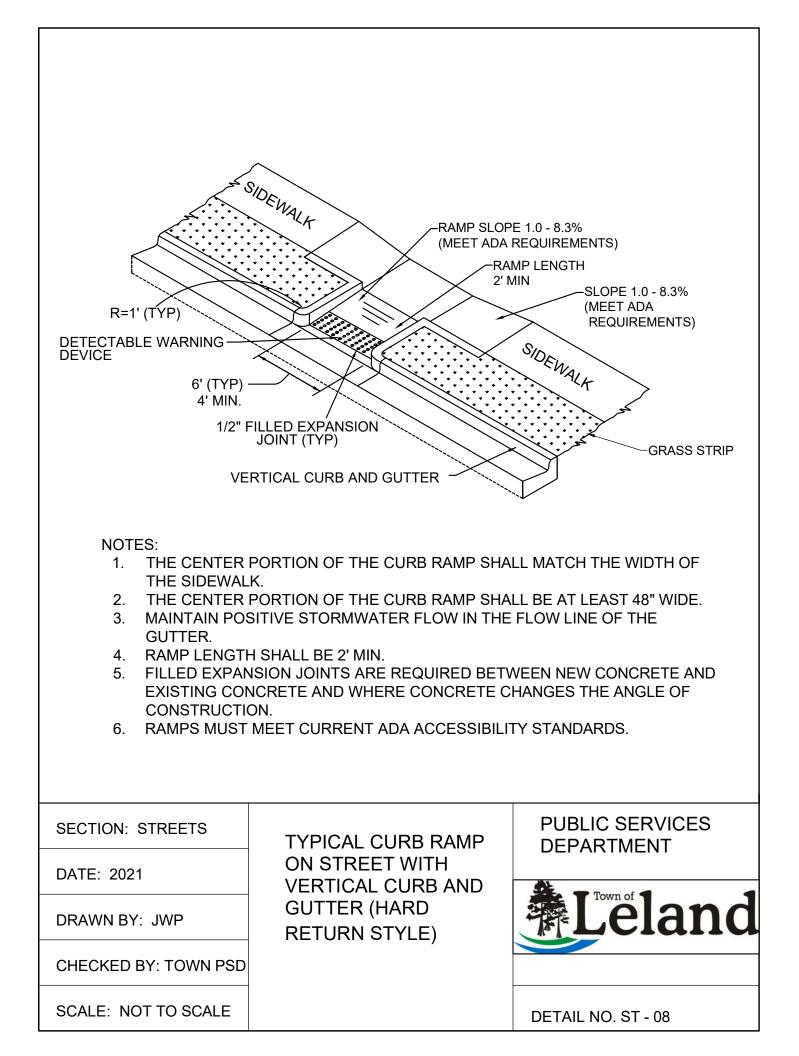








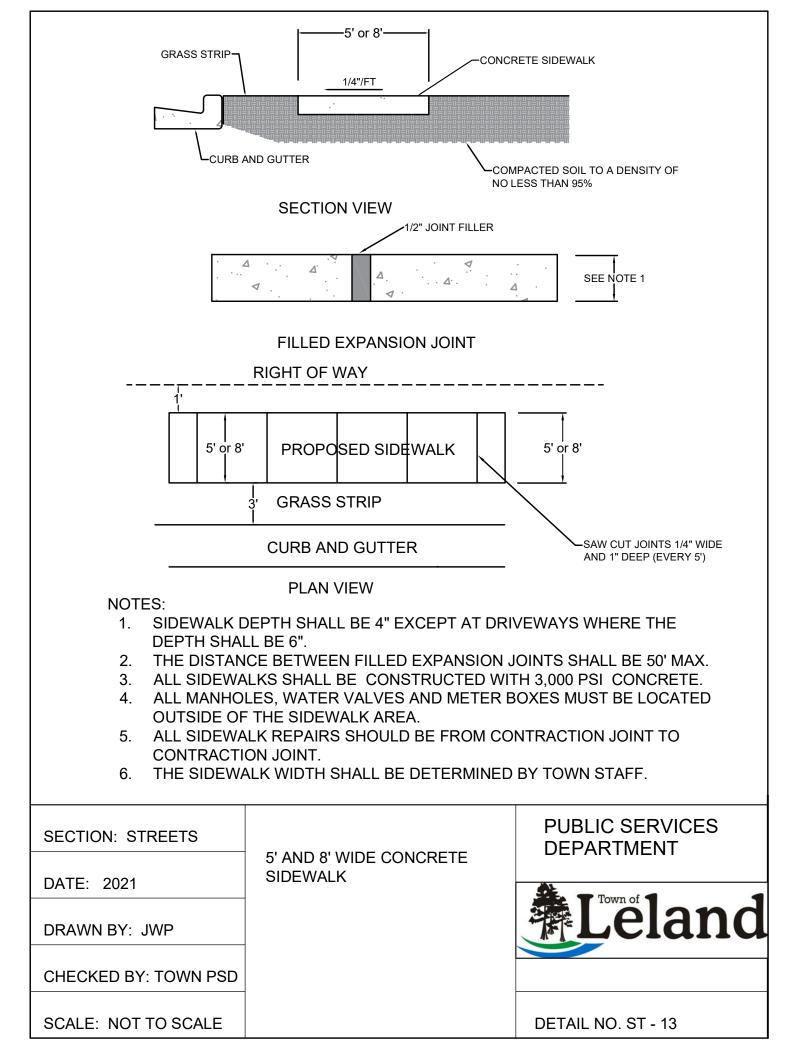


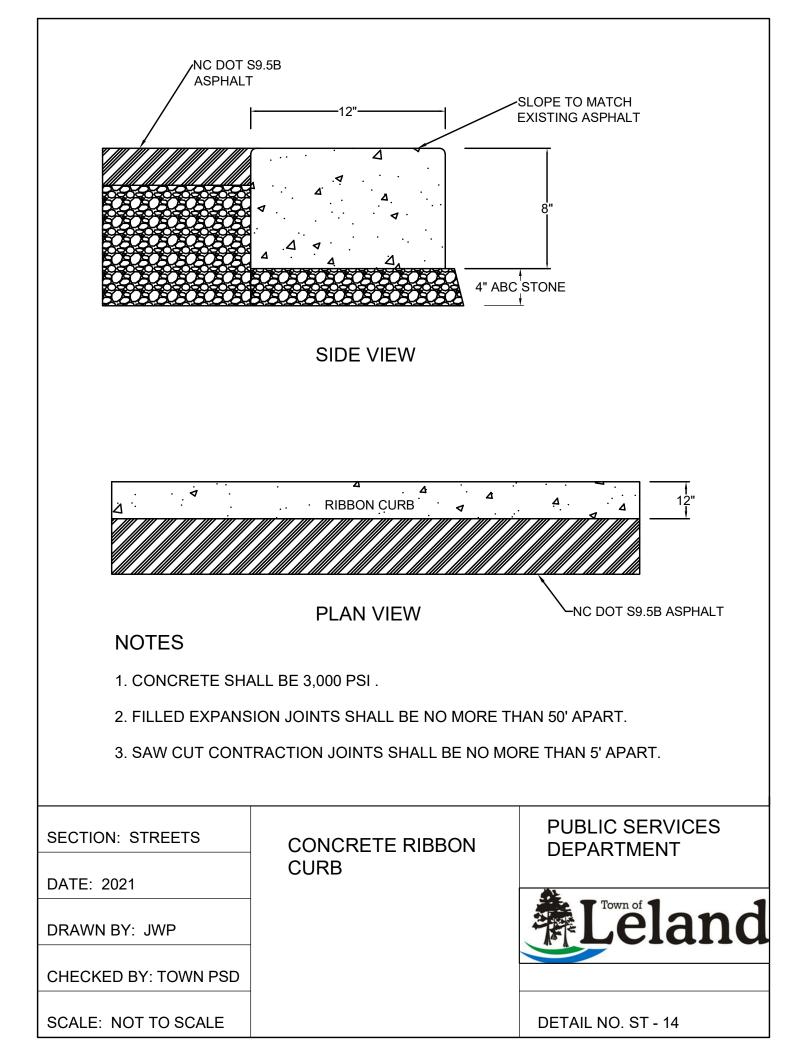


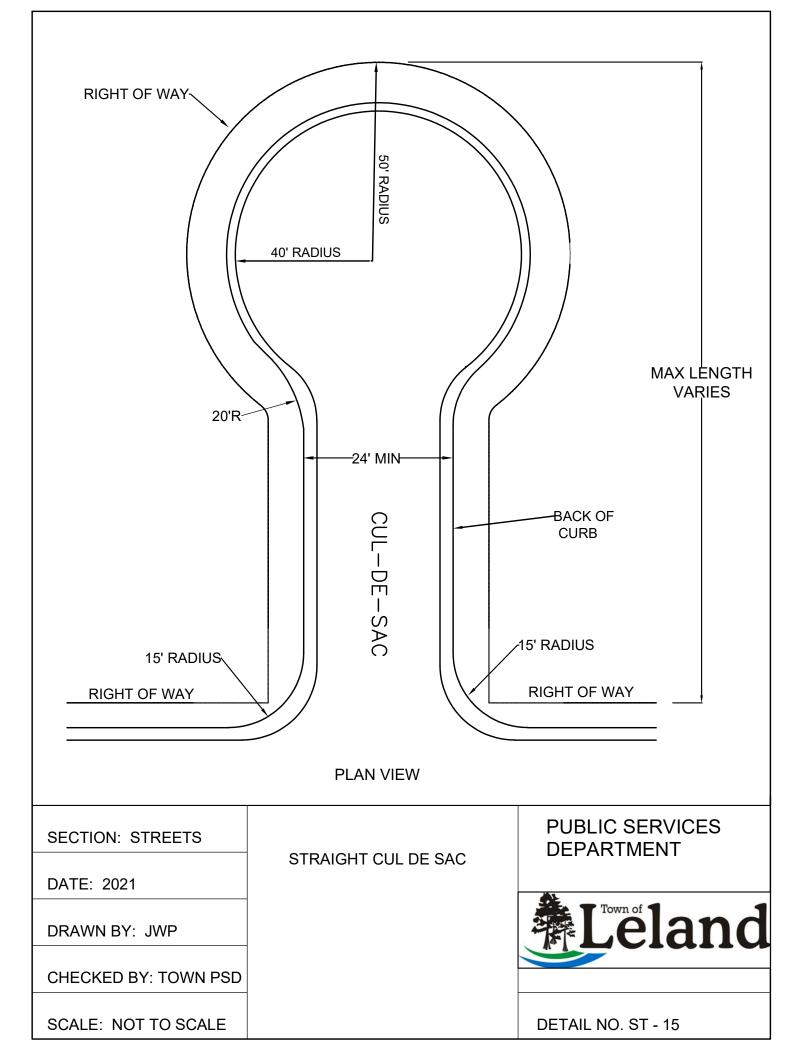
| CURB | RAMP | NOTES |
|------|------|-------|
|------|------|-------|

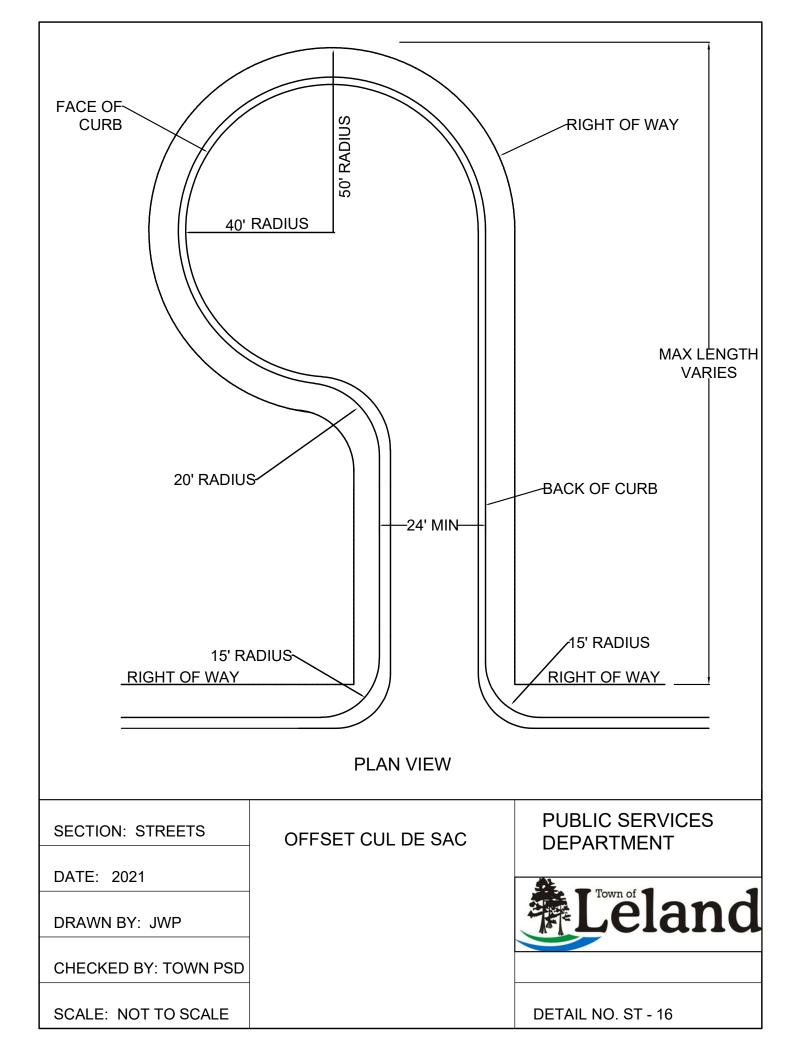
- 1. ALL CURB RAMPS SHALL BE INSTALLED IN ACCORDANCE WITH THE AMERICANS WITH DISABILITIES ACT (ADA) LATEST EDITION.
- 2. ALL CONCRETE SHALL BE CLASS A WITH A 28 DAY BREAK OF AT LEAST 3,000 PSI.
- 3. THE WALKING SURFACE OF THE RAMP SHALL HAVE A SLIP RESISTANT FINISH.
- 4. THE SLOPE OF THE CURB RAMP SHALL NOT EXCEED A 12:1 RATIO.
- 5. THE DETECTABLE WARNING DEVICE OF THE CURB RAMP SHALL BE RED CONTRAST AND MUST BE IN COMPLIANCE WITH ADA REQUIREMENTS.
- 6. A FULL DEPTH EXPANSION JOINT SHALL BE INSTALLED WHERE THE CONCRETE CURB RAMP JOINS THE CURB AND GUTTER AND THE CONCRETE CURB RAMP ABUTS EXISTING CONCRETE SIDEWALK.
- 7. ALL CURB RAMPS SHALL BE THE SAME WIDTH AS THE ADJOINING SIDEWALK OR 48" WIDE IF THE SIDEWALK IS LESS THAN 48" WIDE.
- 8. COORDINATE THE CURB RAMP AND THE PEDESTRIAN CROSSWALK MARKINGS SO A 4' X4' CLEAR SPACE AT THE BASE OF THE CURB RAMP WILL FALL COMPLETELY WITHIN THE PEDESTRIAN CROSSWALK LINES.

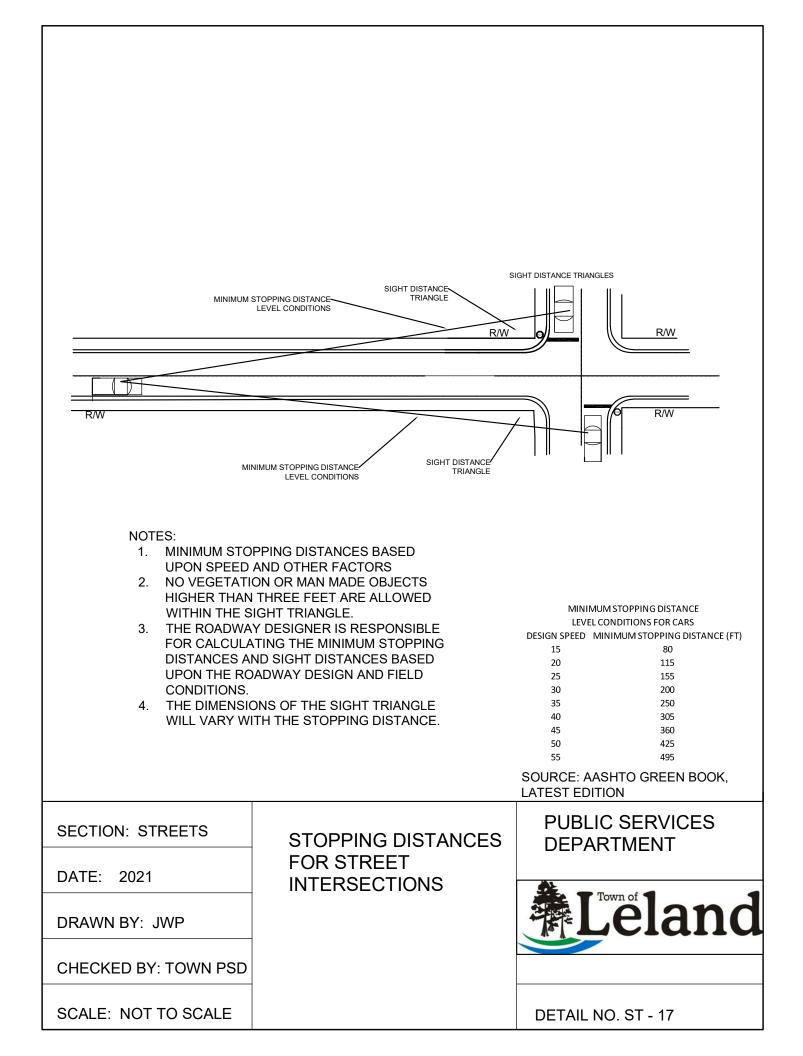
| SECTION: STREETS     | CURB RAMP NOTES | PUBLIC SERVICES<br>DEPARTMENT |
|----------------------|-----------------|-------------------------------|
| DATE: 2021           |                 |                               |
| DRAWN BY: JWP        |                 | <b>E</b> Leland               |
| CHECKED BY: TOWN PSD |                 |                               |
| SCALE: NOT TO SCALE  |                 | DETAIL NO. ST - 12            |

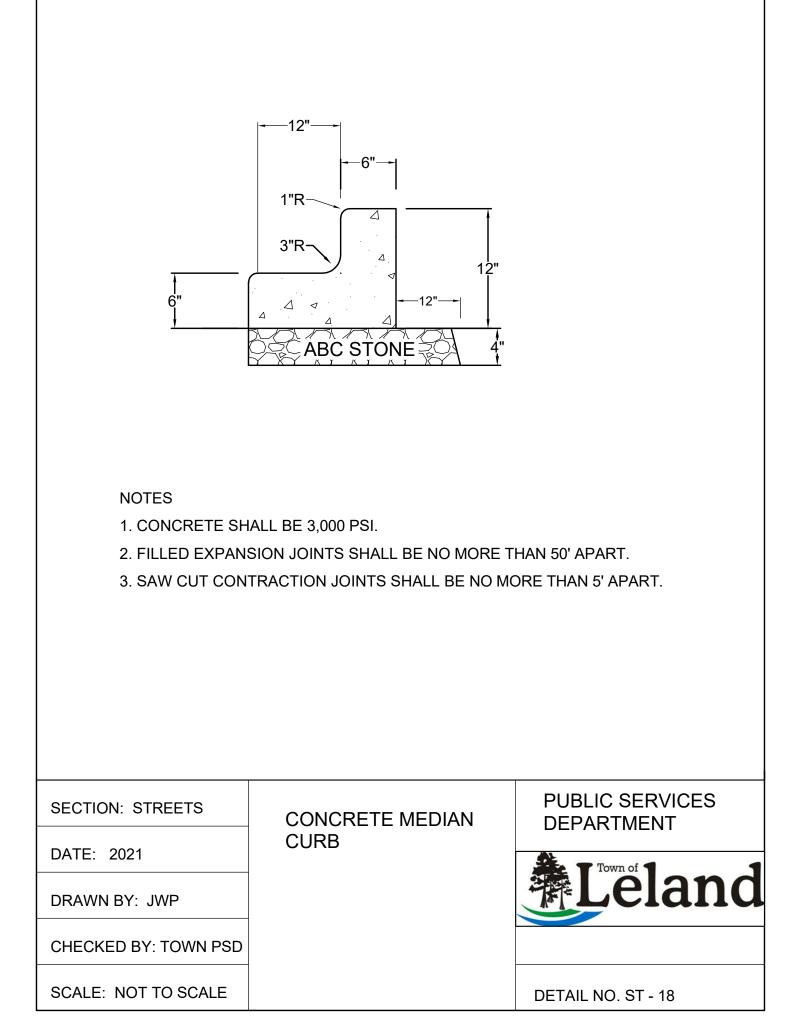


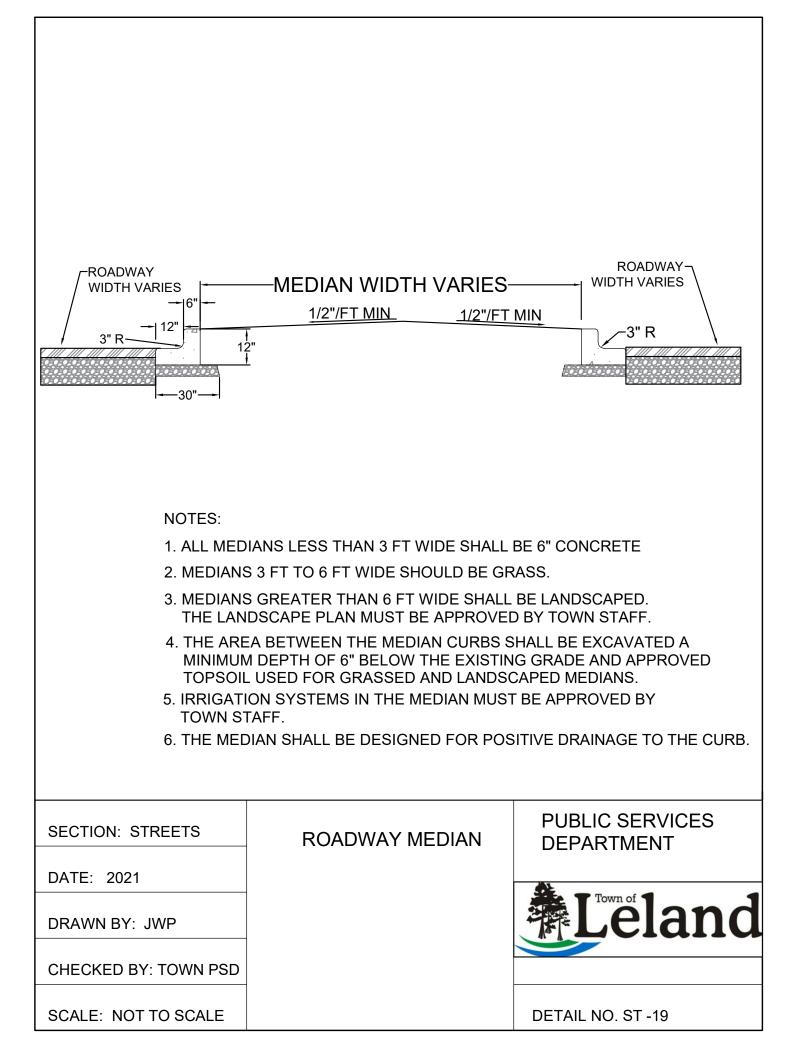


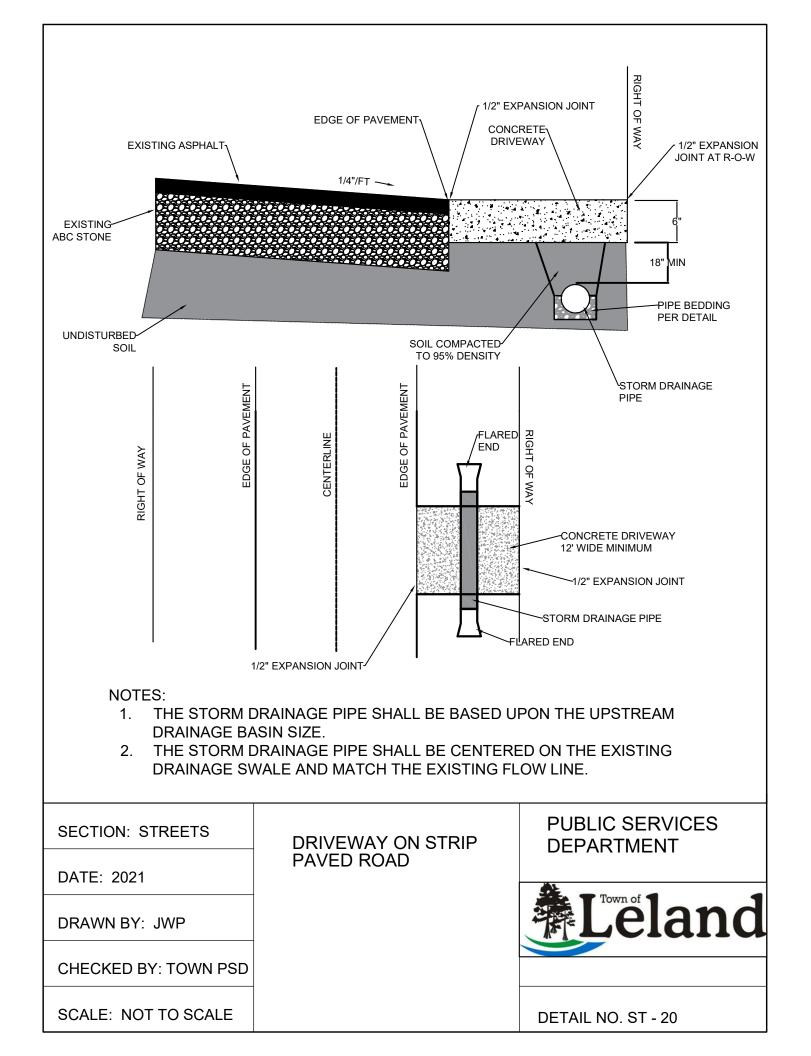


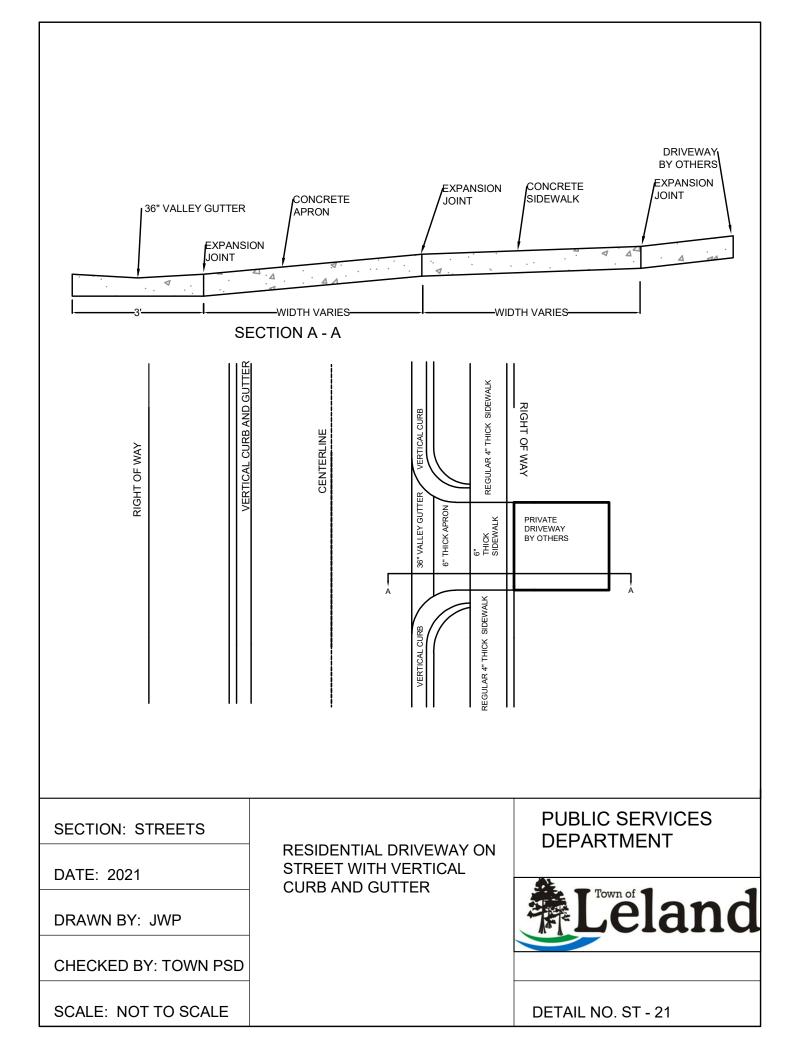


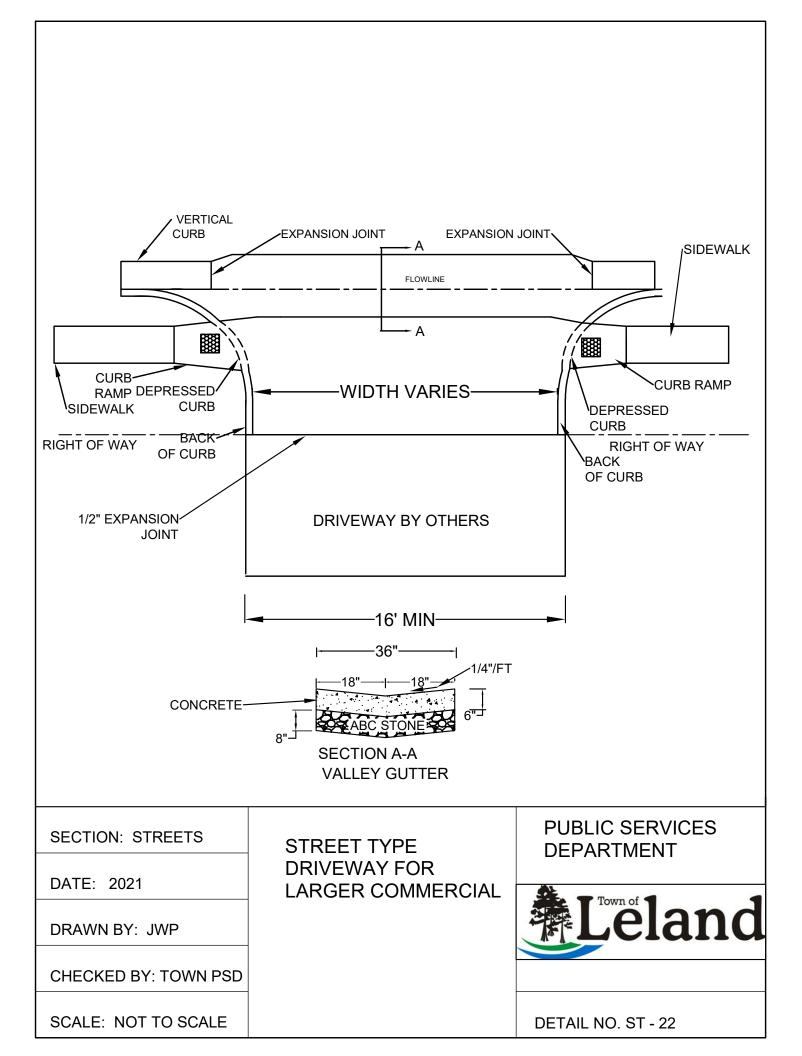


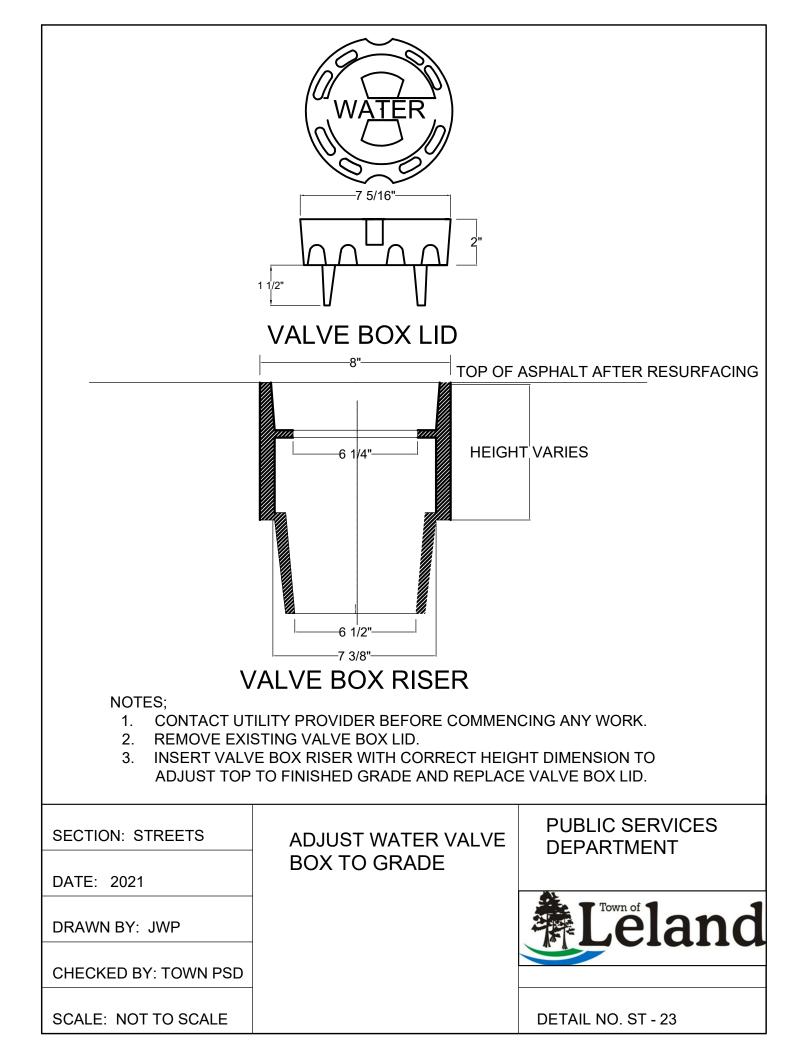


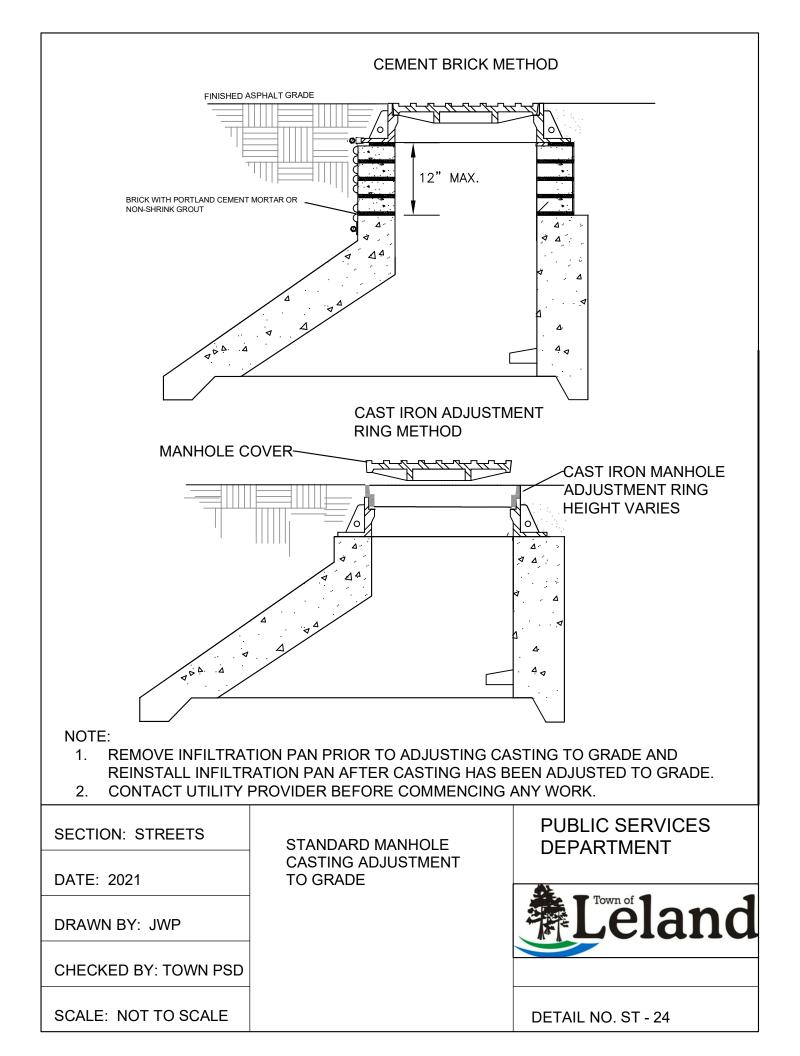


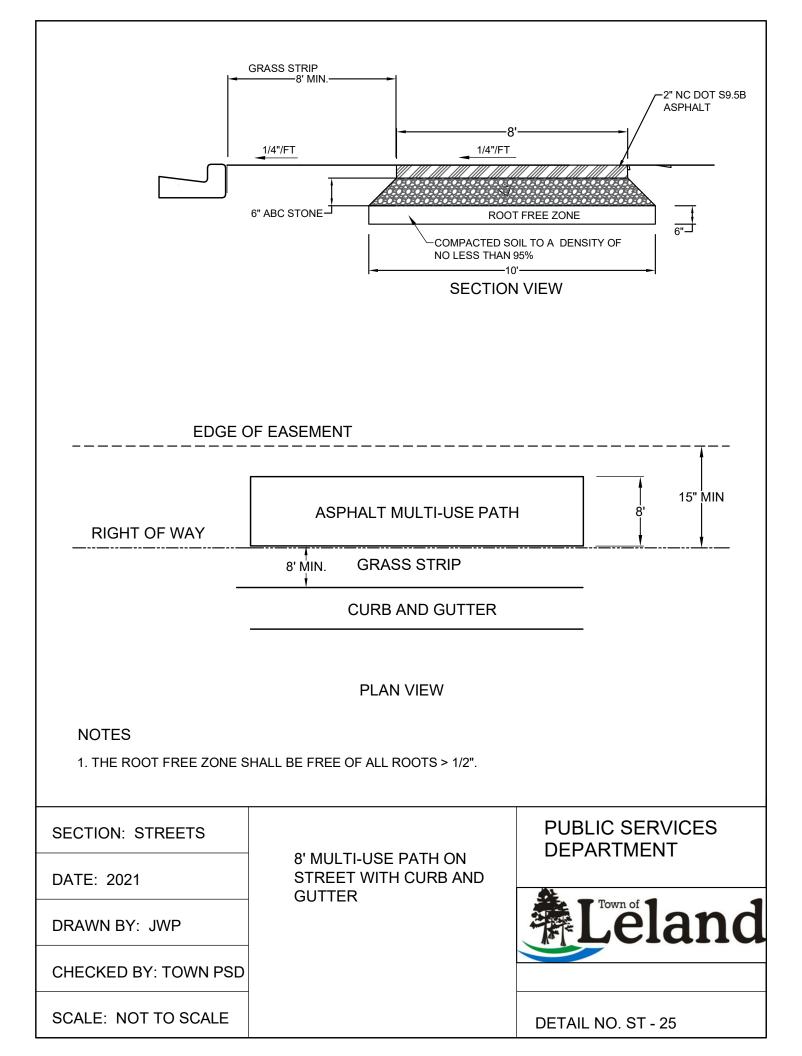


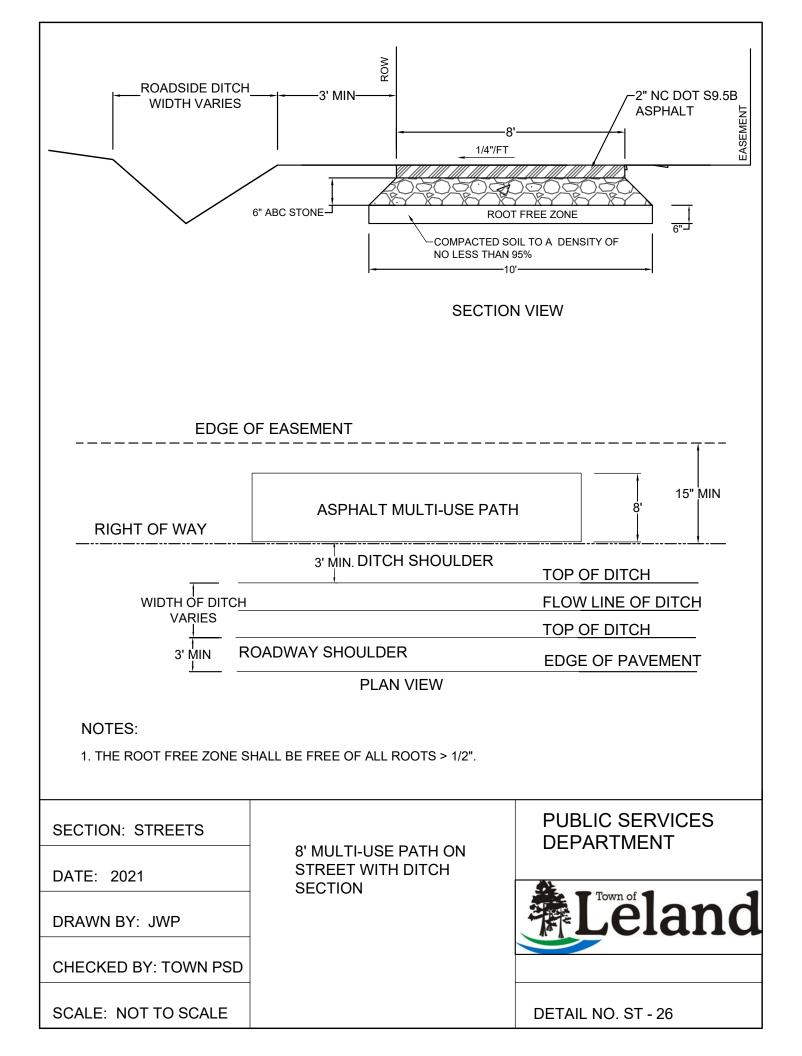


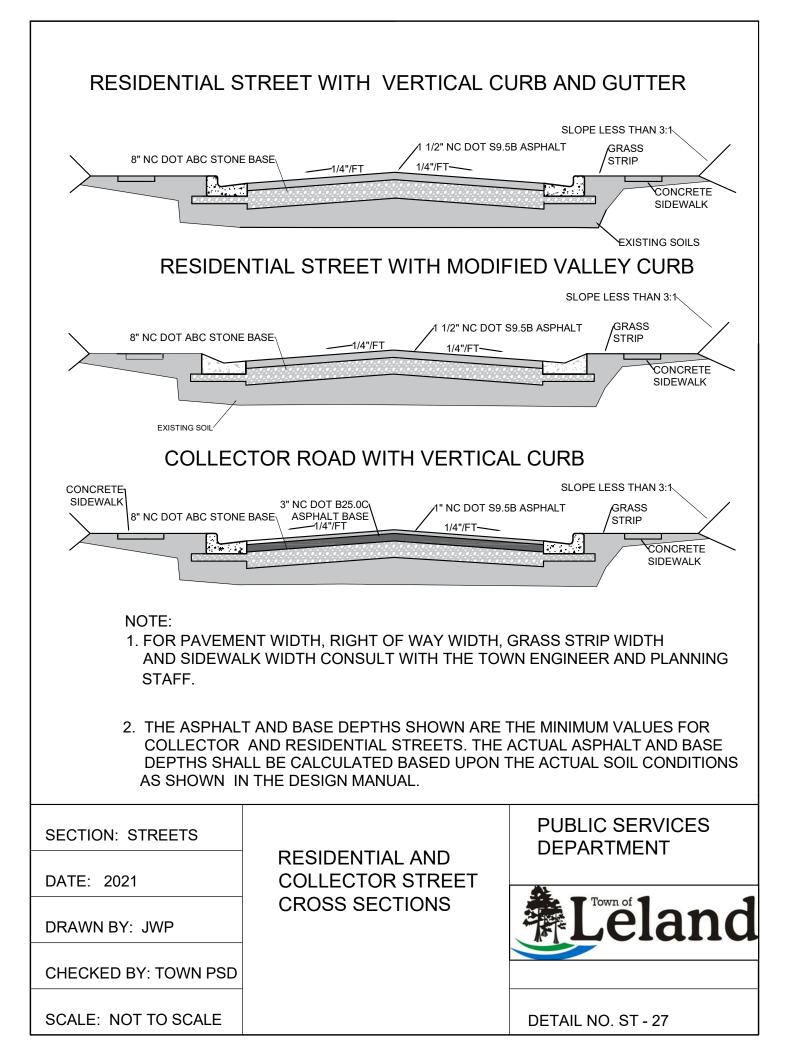


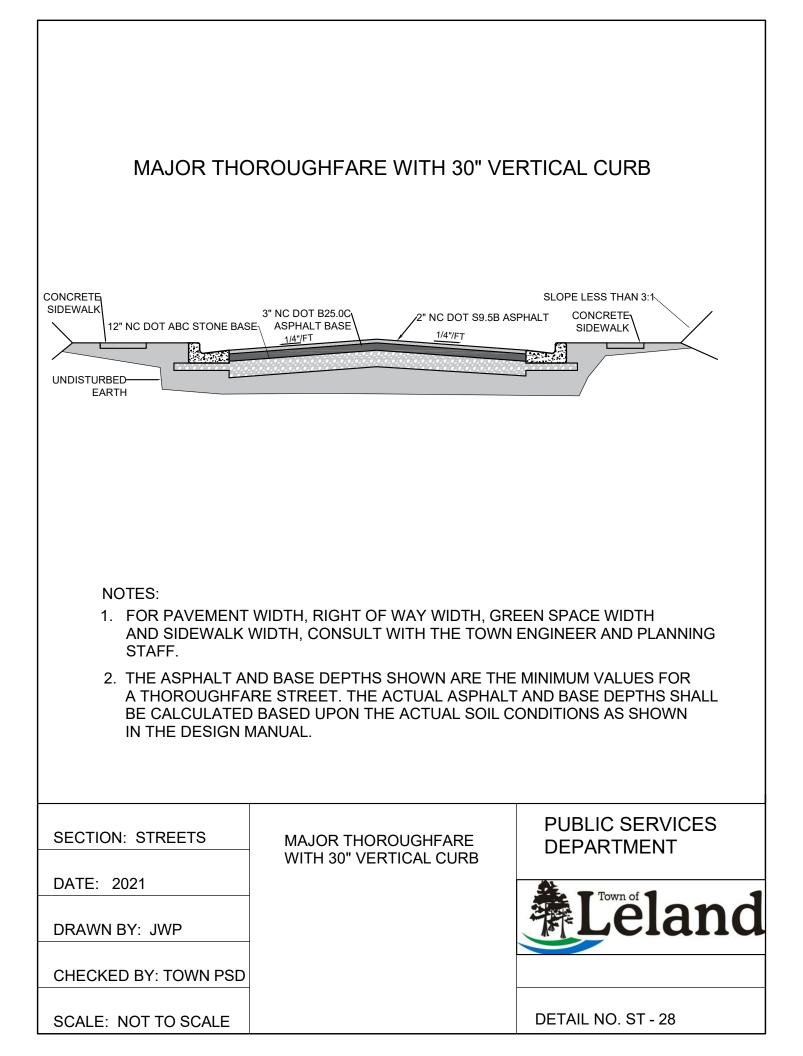


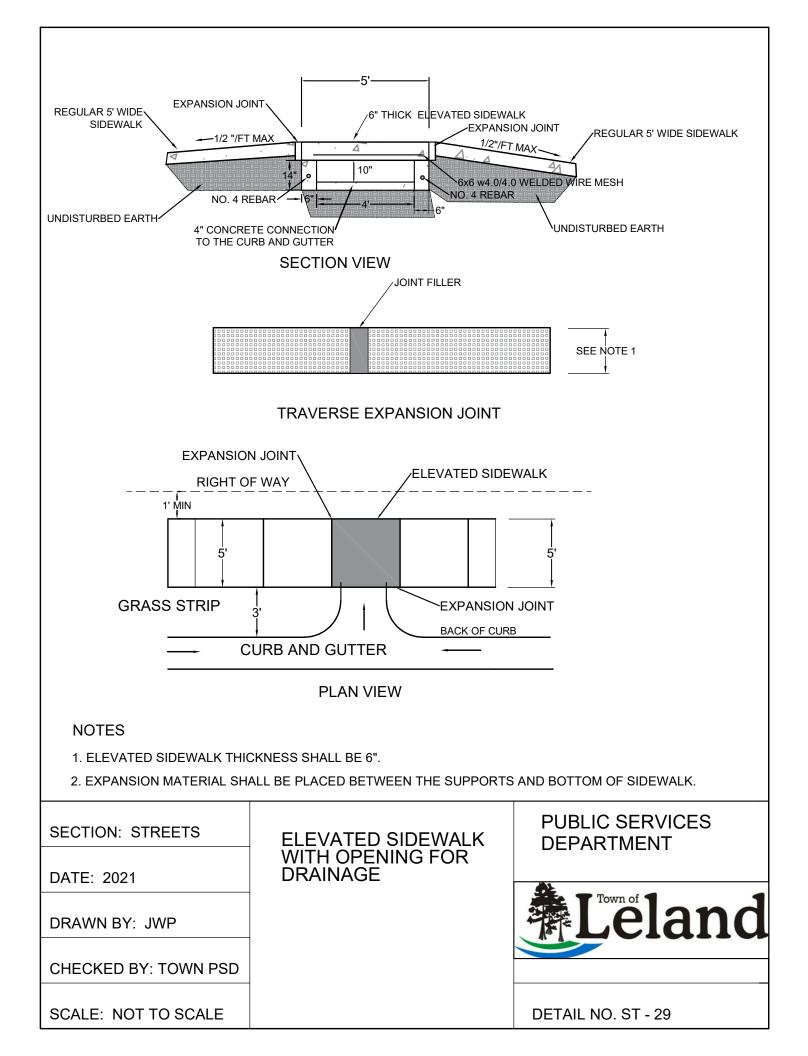


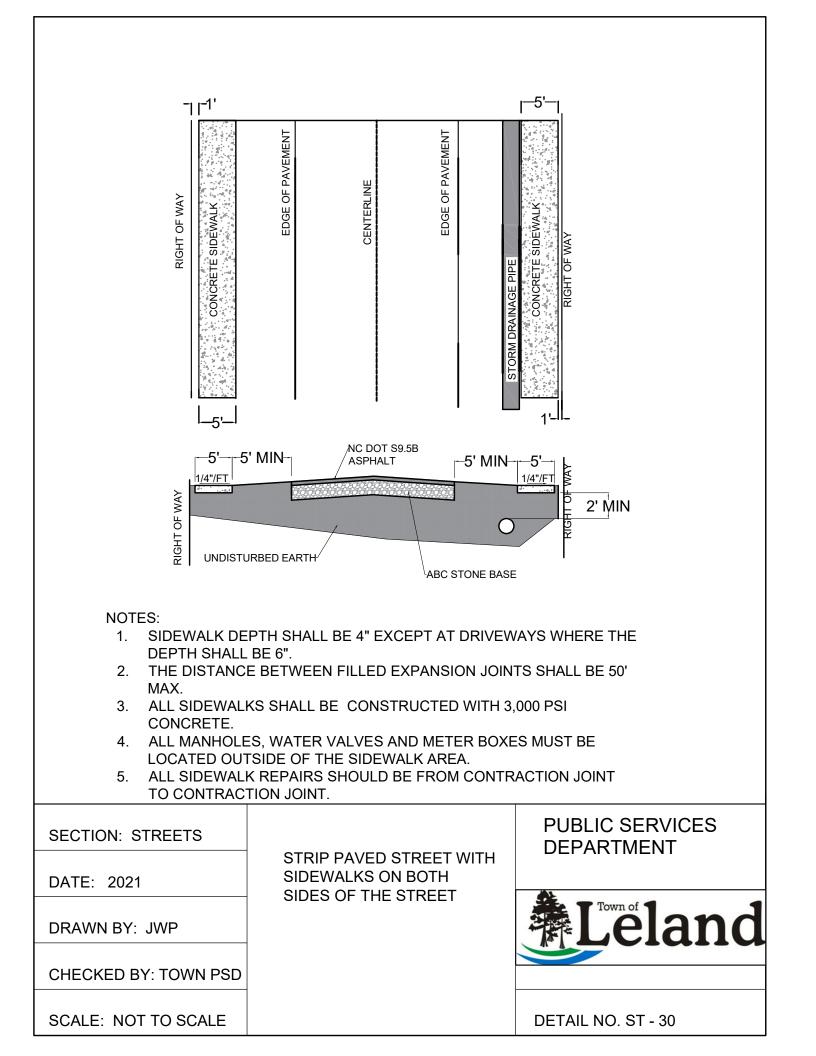


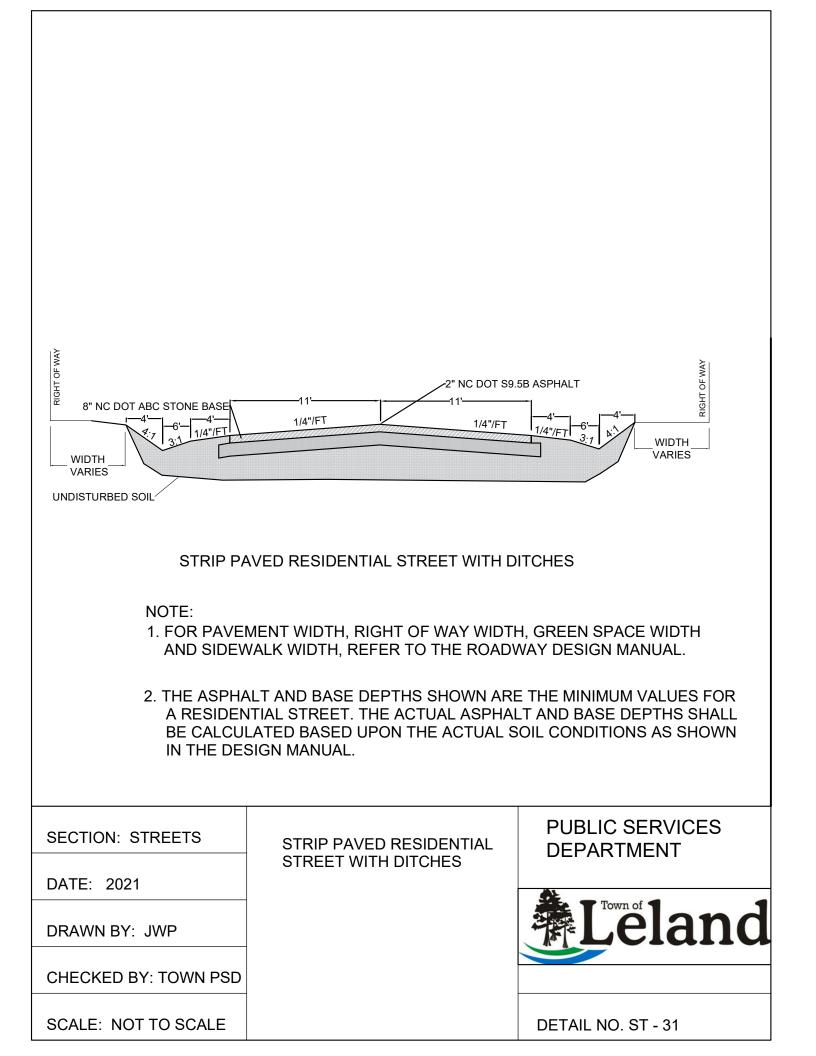


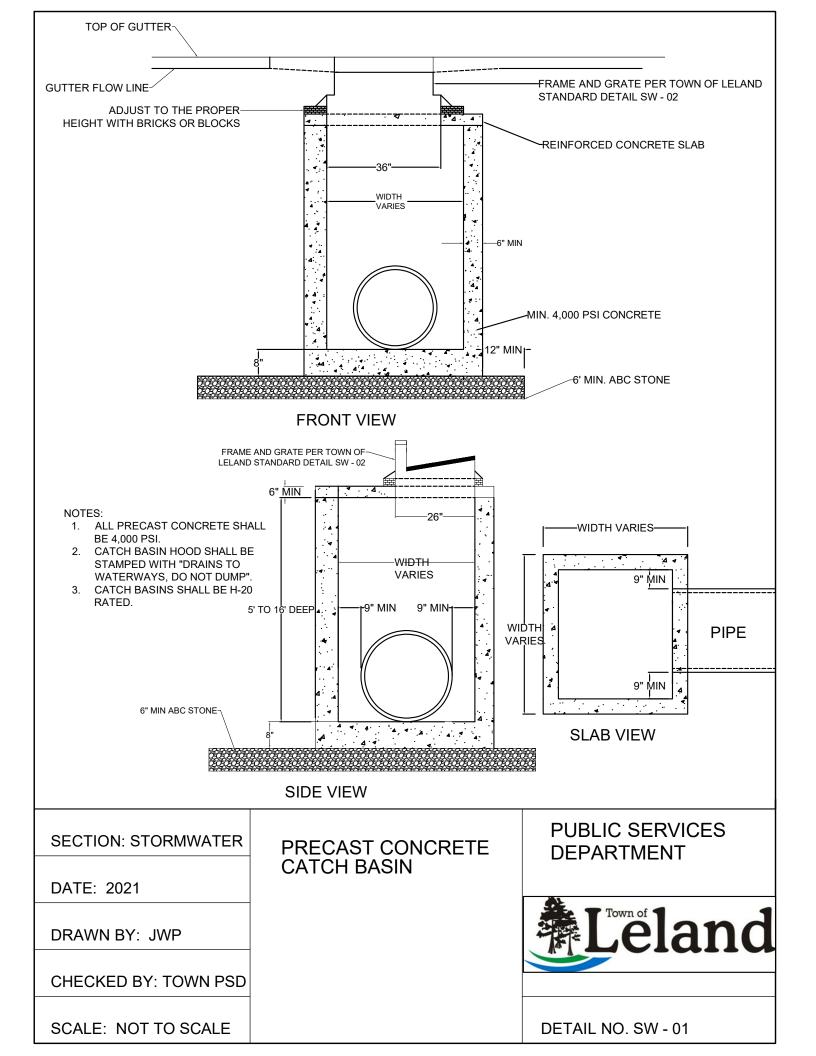


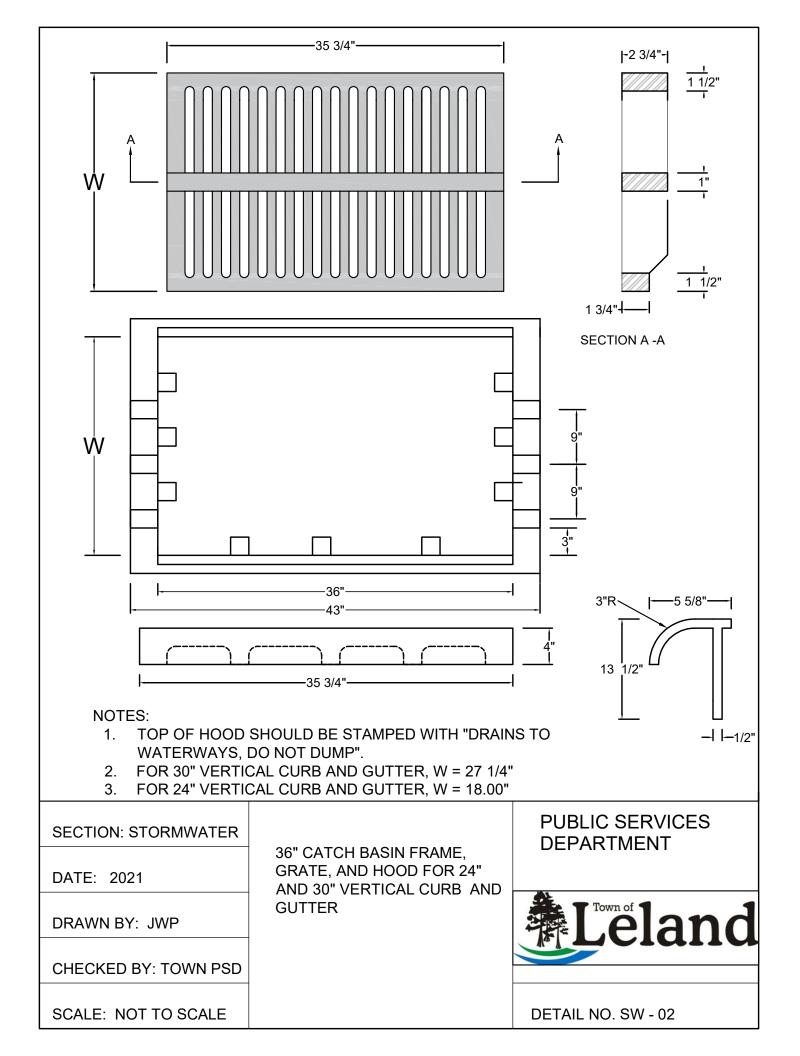


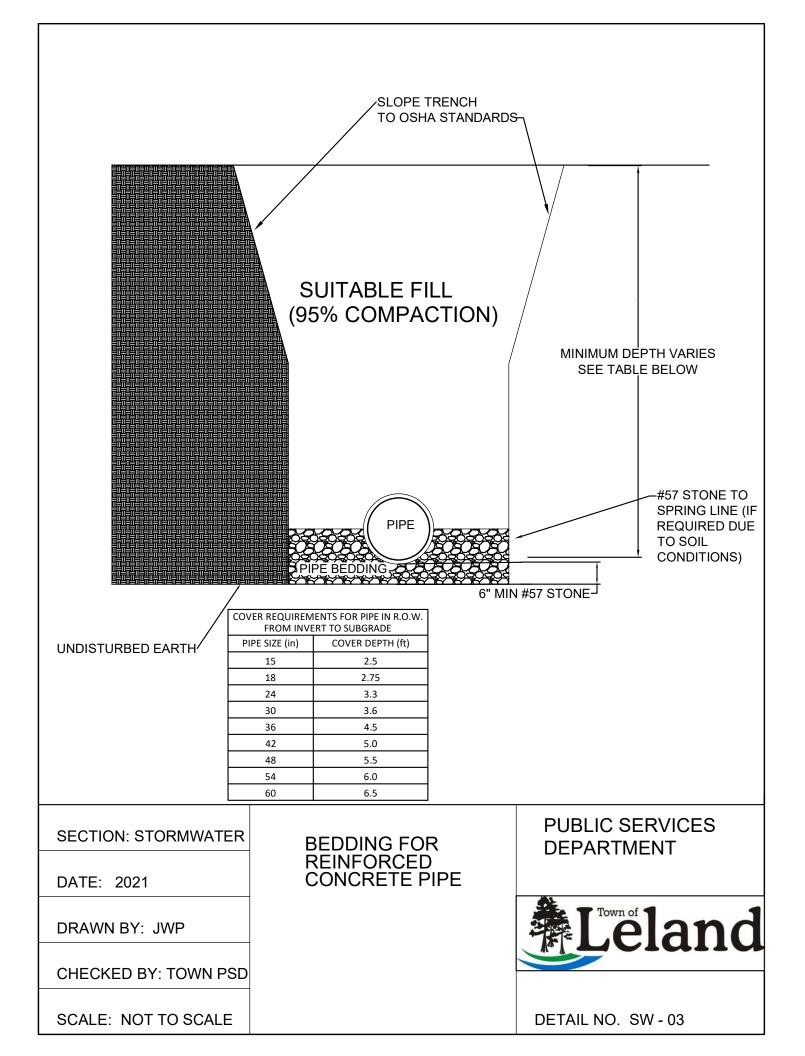


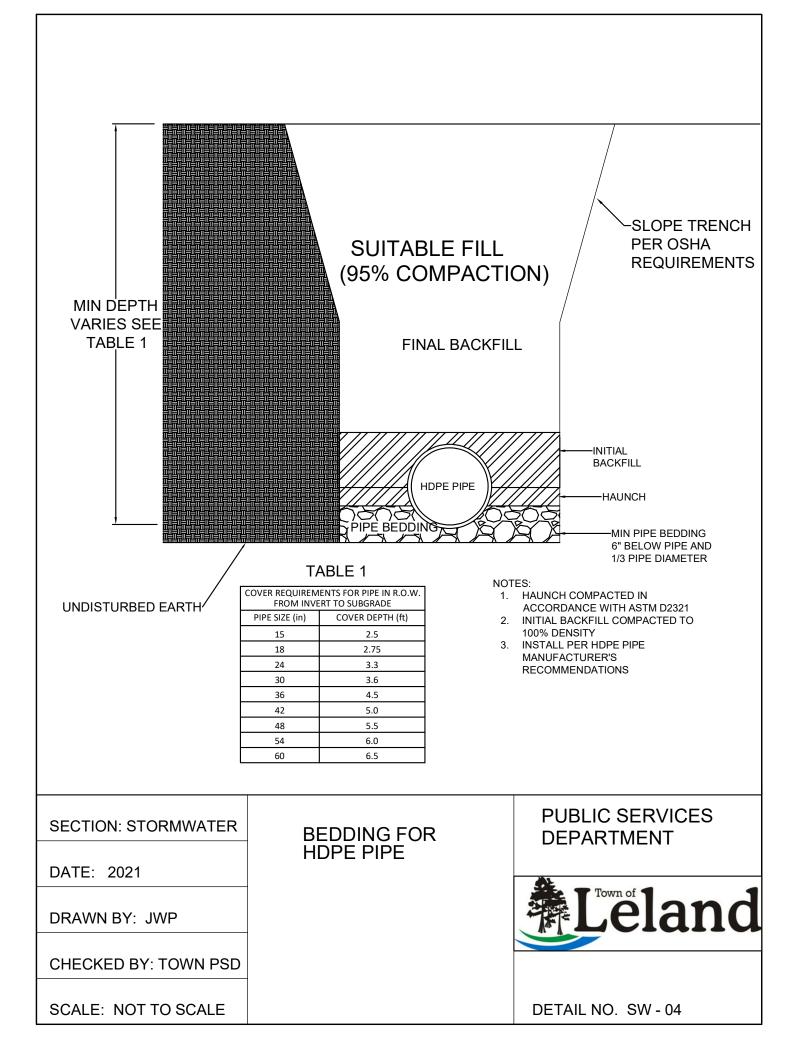


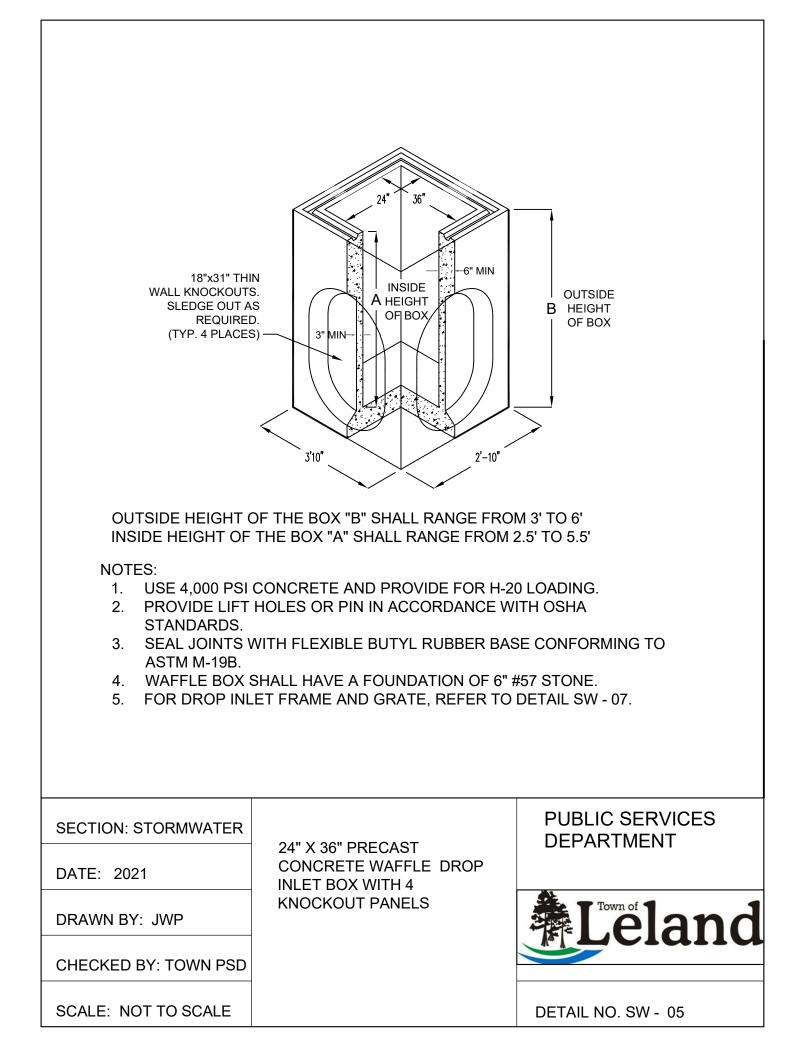


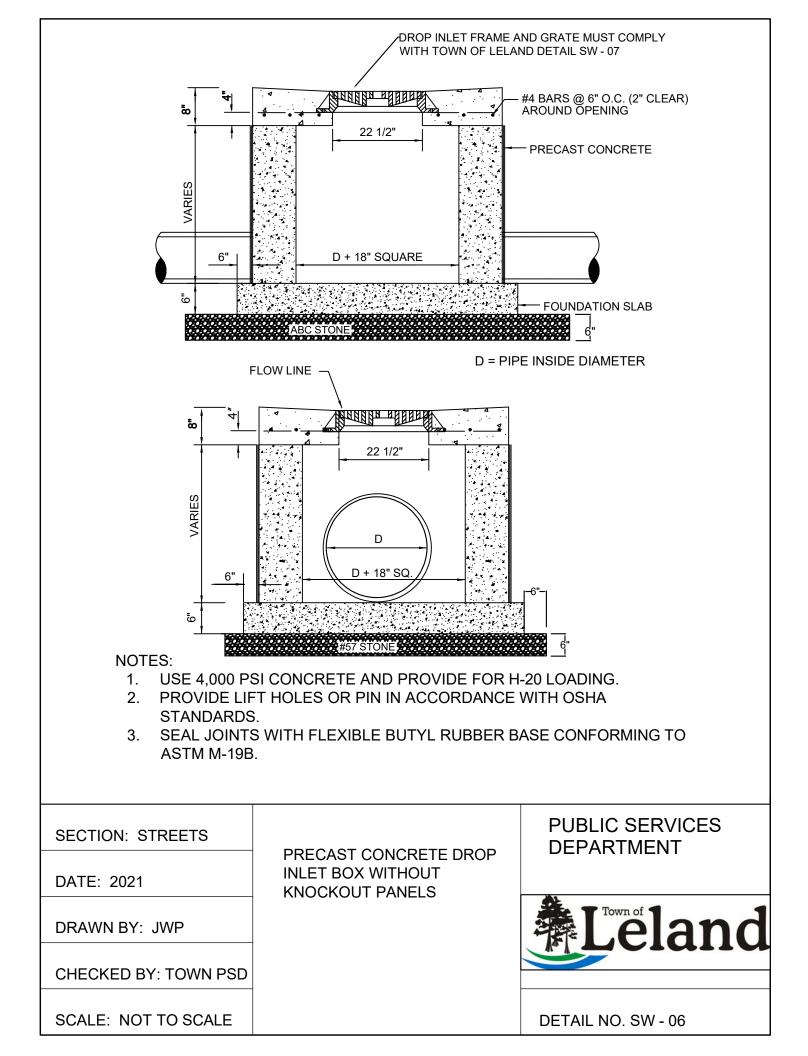


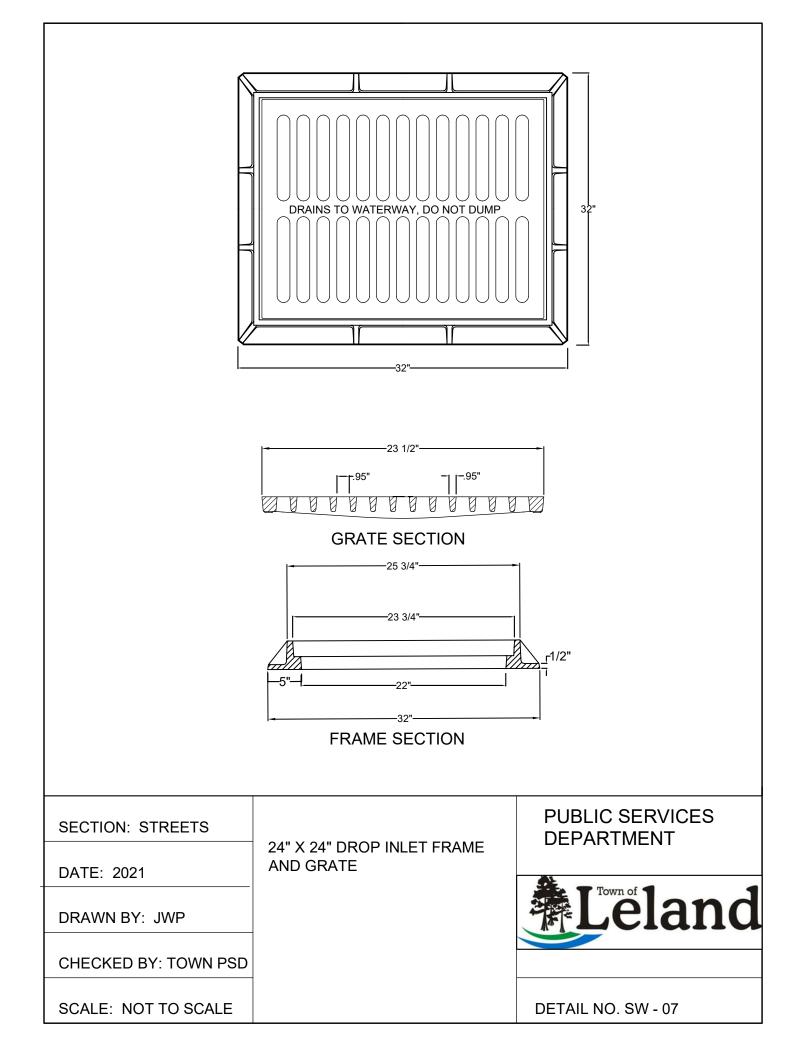






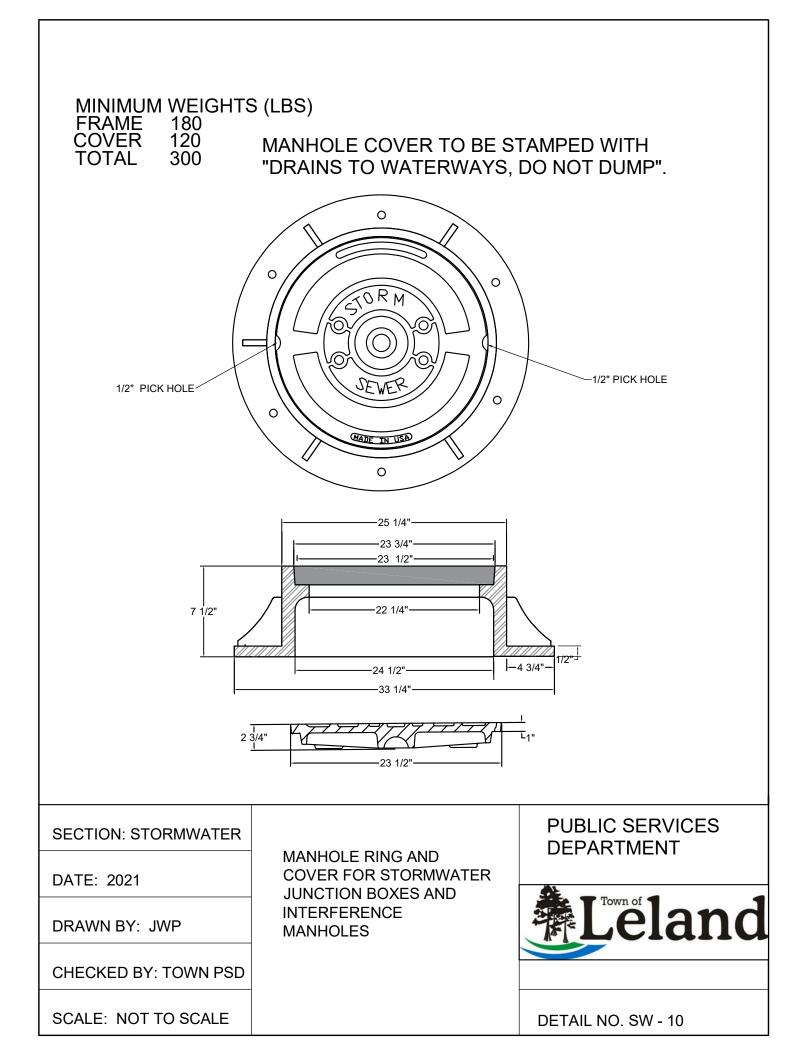


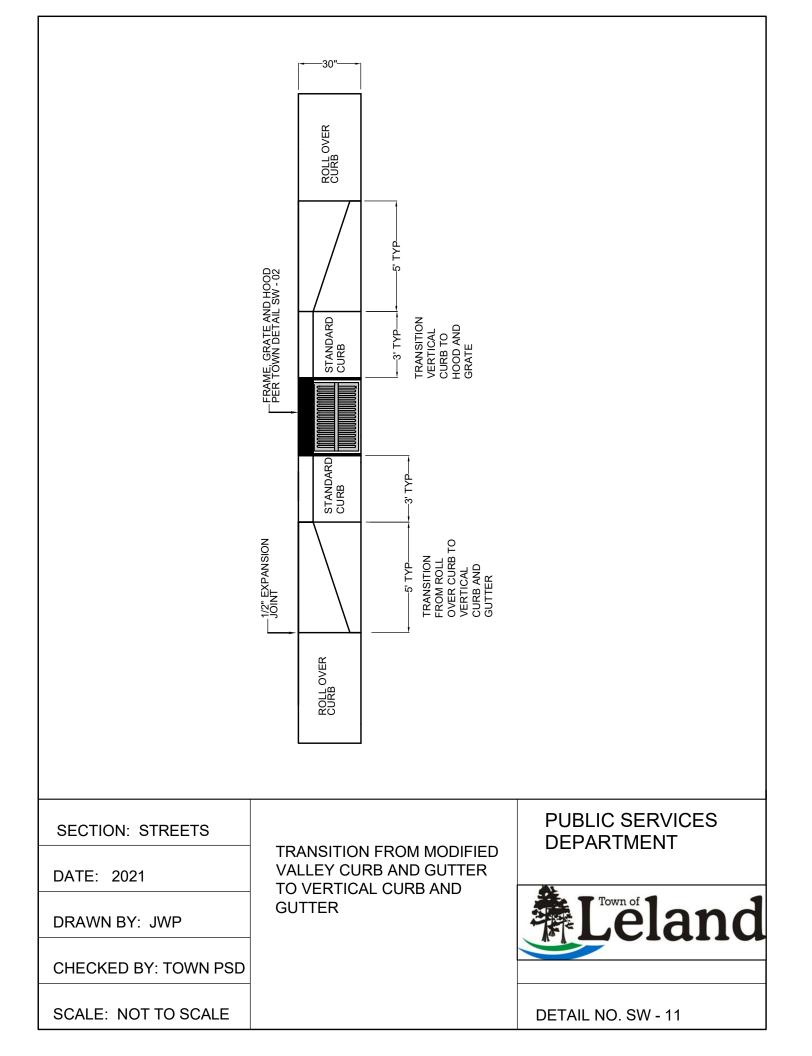




|   |            | STEEL RE<br>STEEL ME  | EBAR OR<br>ESH FABRIC | E                |                  | 2020          | PIPE DIAMETER<br>IP RAP |           |
|---|------------|-----------------------|-----------------------|------------------|------------------|---------------|-------------------------|-----------|
|   |            |                       |                       |                  | <br>             |               |                         |           |
|   |            |                       |                       | ND SECTION DI    |                  |               |                         | l         |
|   | PIPE INNER | WALL                  |                       |                  |                  |               | _                       |           |
| l   | DIAMETER   | THICKNESS<br>(INCHES) | A<br>(INCHES)         | B<br>(INCHES)    | C<br>(INCHES)    | D<br>(INCHES) | E<br>(INCHES)           |           |
|   | 15"        | 2.25                  | 9                     | 27.5             | 42.5             | 70            | 30                      |           |
|   | 18"        | 2.5                   | 11.5                  | 26.5             | 42.5             | 69            | 36                      |           |
|   | 24"        | 3                     | 13                    | 47.5             | 25.5             | 69            | 48                      |           |
|   | 30"        | 3.5                   | 16.5                  | 54.5             | 14.75            | 69            | 60                      |           |
|   | 36"        | 3.75                  | 22                    | 67               | 30               | 97            | 72                      |           |
|   | 42"        | 6                     | 29                    | 67.5             | 25.5             | 93            | 78.5                    |           |
|   | 48"        | 5.5                   | 31.5                  | 69               | 25               | 94            | 84                      |           |
| RIP RAP DI  | MENSION    | S WILL V              |                       | ERICAN CONCR     |                  | DISSIPA       | TION CAL                | ULATIONS. |
| SECTION: STORMWATER PRECAST CONCRETE FLARED END SECTION |            |                       | E   C                 | PUBLIC<br>DEPART | SERVICES<br>MENT |               |                         |           |
| DATE: 2021  |            |                       |                       |                  |                  |               |                         |           |
| DRAWN BY:<br>CHECKED B                                  |            | PSD                   |                       |                  |                  |               | L                       | eland     |
| SCALE: NO   | T TO SCA   | LE                    |                       |                  |                  | DE            | ETAIL NO.               | SW - 08   |

|   |                        | MANHOLE FRAME<br>AND COVER PER<br>DETAIL SW - 10                       |  |  |  |
|---|------------------------|--|--|--|--|
| NO. 4 REBAR   |                        | • • • • • • • • • • • • • • • • • • •                                  |  |  |  |
| CONCRETE  |                        |  |  |  |  |
|   |                        | -  |  |  |  |
|   |                        | STEEL CASING   |  |  |  |
| PIPE  |                        |  |  |  |  |
|   |                        |  |  |  |  |
| CONCRETE<br>6"  | STORM DRAINAGE<br>PIPE | INSTALL CASING<br>SPACERS PER<br>UTILITY<br>PROVIDER'S<br>REQUIREMENTS |  |  |  |
| NOTES:<br>1. MANHOLE SIZE VARIES WITH THE SIZE OF THE STORM DRAINAGE PIPE<br>2. THE OUTSIDE OF THE STORM DRAINAGE PIPE SHALL BE AT LEAST 6"<br>FROM THE INSIDE WALL OF THE INTERFERENCE MANHOLE.<br>3. THE STEEL CASING SHALL BE PLACED NO LOWER THAN THE MID-POINT<br>OF THE STORM DRAINAGE PIPE ALLOWING WATER TO FLOW UNDER THE<br>CARRIER PIPE.<br>4. CARRIER PIPE SHOULD BE CENTERED IN MANHOLE WITH NO JOINTS<br>INSIDE THE INTERFERENCE MANHOLE<br>5. USE OF INTERFERENCE MANHOLE MUST BE APPROVED BY THE TOWN<br>ENGINEER AND THE UTILITY PROVIDER. |                        |  |  |  |  |
| SECTION: STORMWATER   | INTERFERENCE MANHOLE   | PUBLIC SERVICES<br>DEPARTMENT  |  |  |  |
| DATE: 2021  |                        |  |  |  |  |
| DRAWN BY: JWP   |                        | Leland   |  |  |  |
| CHECKED BY: TOWN PSD  |                        |  |  |  |  |
| SCALE: NOT TO SCALE   |                        | DETAIL NO. SW - 09   |  |  |  |





| RESID                | ENTIAL STREET       |                               |  |  |  |
|----------------------|---------------------|-------------------------------|--|--|--|
| 9"<br>6"<br>         |                     | St 4                          |  |  |  |
| COLLE                | CTOR STREET         |                               |  |  |  |
|                      |                     | St 4.5"                       |  |  |  |
| THOROUGHFARE STREET  |                     |                               |  |  |  |
| Ist Name St          |                     |                               |  |  |  |
|                      | 48"                 |                               |  |  |  |
| SECTION: STREETS     | POST MOUNTED        | PUBLIC SERVICES<br>DEPARTMENT |  |  |  |
| DATE: 2021           | STREET NAME<br>SIGN |                               |  |  |  |
| DRAWN BY: JWP        |                     | Leland                        |  |  |  |
| CHECKED BY: TOWN PSD |                     |                               |  |  |  |
| SCALE: NOT TO SCALE  |                     | DETAIL NO. PM - 01            |  |  |  |

## STREET NAME SIGN NOTES

1. ALL SIGN BLANKS SHALL BE ALUMINUM.

2. ALL 36" SIGN BLANKS SHALL HAVE A MINIMUM THICKNESS OF .08" OR 2.0 MM.

3. ALL 48" SIGN BLANKS SHALL HAVE A MINIMUM THICKNESS OF .13" OR 3.2 MM.

4. ALL SIGN BLANKS LENGTHS ARE MINIMUMS. LONGER SIGN BLANKS MAY BE REQUIRED BASED UPON THE LENGTH OF THE STREET NAME.

5. ALL SIGNS SHALL BE DOUBLE SIDED WITH A REFLECTIVE BACKGROUND AND WHITE REFLECTIVE LETTERS.

6. ALL SIGNS SHALL CONFORM TO THE MUTCD STANDARDS FOR REFLECTIVITY.

7. THE LETTER FONT SHALL BE TRUE TYPE OR AS APPROVED IN THE FHWA STANDARD HIGHWAY SIGNS MANUAL LATEST EDITION.

8. FOR RESIDENTIAL STREETS WITH A SPEED LIMIT >25 MPH, THE COLLECTOR STREET NAME SIGN STANDARD SHALL BE USED.

| SECTION: STREETS     | STREET NAME SIGN | PUBLIC SERVICES<br>DEPARTMENT |
|----------------------|------------------|-------------------------------|
| DATE: 2021           | NOTES            |                               |
| DRAWN BY: JWP        |                  | <b>Heland</b>                 |
|                      |                  |                               |
| CHECKED BY: TOWN PSD |                  |                               |
| SCALE: NOT TO SCALE  |                  | DETAIL NO. PM - 02            |

