



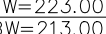
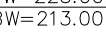









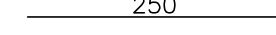
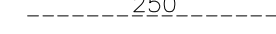
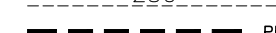




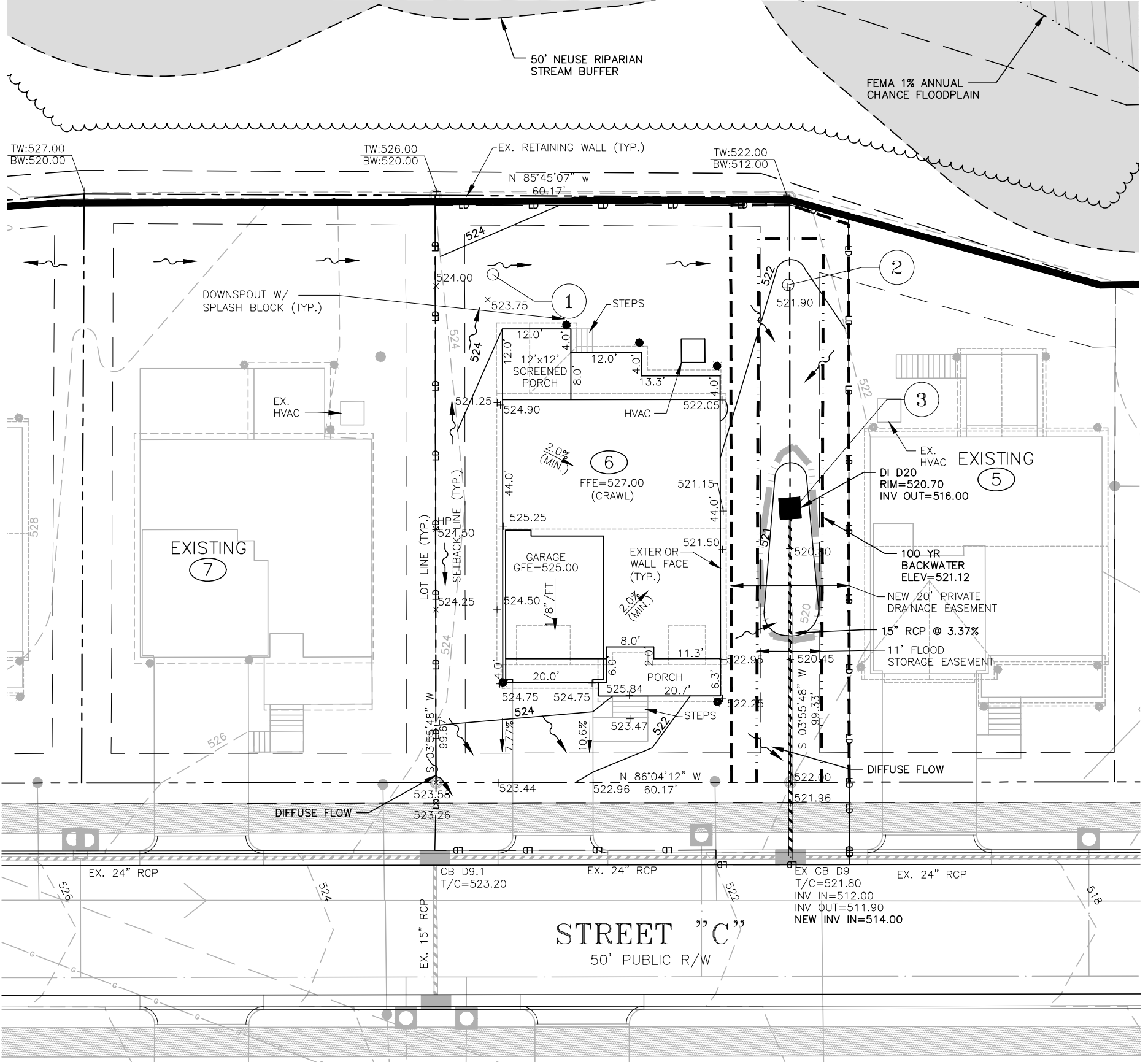


PROFESSIONAL  
CERTIFICATION

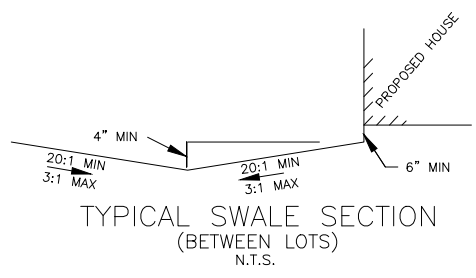
**LEGEND**

-  DROP INLET
-  EXISTING CATCH BASIN
-  STORM SERVICE ROOF-DRAIN
-  DRAINAGE FLOW ARROW
-  TW=223.00 — TOP OF WALL ELEVATION
-  BW=213.00 — BOTTOM OF WALL ELEVATION  
(NOTE: BOTTOM OF WALL IS GROUND ELEVATION NOT WALL FOUNDATION)
-  + 250.60 SPOT ELEVATION
-  PROPOSED STORM DRAINAGE
-  EXISTING STORM DRAINAGE
-  EXISTING SIDEWALK
-  NEUSE RIPARIAN STREAM BUFFER
-  FEMA 1% ANNUAL CHANCE FLOODPLAIN
-  LD — LD — LIMITS OF DISTURBANCE
-  WOODED AREA
-  250 — PROPOSED CONTOUR
-  250 - - - EXISTING CONTOUR
-  - - - PRIVATE DRAINAGE EASEMENT
-  - - - FLOOD STORAGE EASEMENT
-  (X) FLOOD ELEVATION MARKER
-  - - - PROPERTY LINE
-  - - - BACKWATER LINE
-  ——— RETAINING WALL



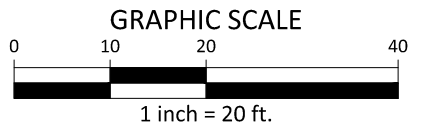
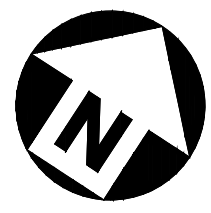
| SWALE FLOOD ELEVATION SUMMARY |                    |                               |                    |
|-------------------------------|--------------------|-------------------------------|--------------------|
| LOCATION                      | 100 YEAR ELEV (FT) | 100 YEAR PONDING DEPTH (FT)** | STORAGE WIDTH (FT) |
| 1                             | 523.90             | 0.15                          | 7.85               |
| 2                             | 522.10             | 0.20                          | 8.50               |
| 3                             | 521.12             | 0.42*                         | 10.69              |

\*MAX PONDING DEPTH OVERFLOW AREAS ARE NOT ANTICIPATED, PONDING DEPTH STAYS WITHIN THE EASEMENT.  
 \*\*SEE CALCULATION PACKAGE FOR INCREASE IN PONDING DEPTH FROM EXISTING CONDITIONS



**NOTES:**

1. SETBACKS:  
 FRONT: 5'  
 REAR: 5'  
 SIDE: 5'  
 CORNER: 10'
2. THIS PROPERTY IS NOT LOCATED WITHIN A SPECIAL FLOOD HAZARD AREA AS SCALED FROM THE NFIP FIRM No. 3710986000J, DATED: FEBRUARY 2, 2007.
3. DOWN SPOUT NOTES  
 • ALL DOWN SPOUTS SHALL BE POINTED PARALLEL WITH PROPERTY.  
 • ALL DOWN SPOUTS SHALL INCLUDE A SPLASH BLOCK.
4. SITE DOES NOT CONTAIN SEPTIC OR DRAINAGE FIELDS.



**PROJECT NAME - LOT 6**  
**SINGLE LOT DEVELOPMENT IN-FILL**  
 LOT GRADING PLAN  
 PROJECT ADDRESS  
 CITY, STATE, ZIP

| PLAN INFORMATION |              |
|------------------|--------------|
| PROJECT NO.      | EXAMPLE      |
| FILENAME         |              |
| CHECKED BY       |              |
| DRAWN BY         |              |
| SCALE            | 1" = 20'     |
| DATE             | 12. 06. 2019 |