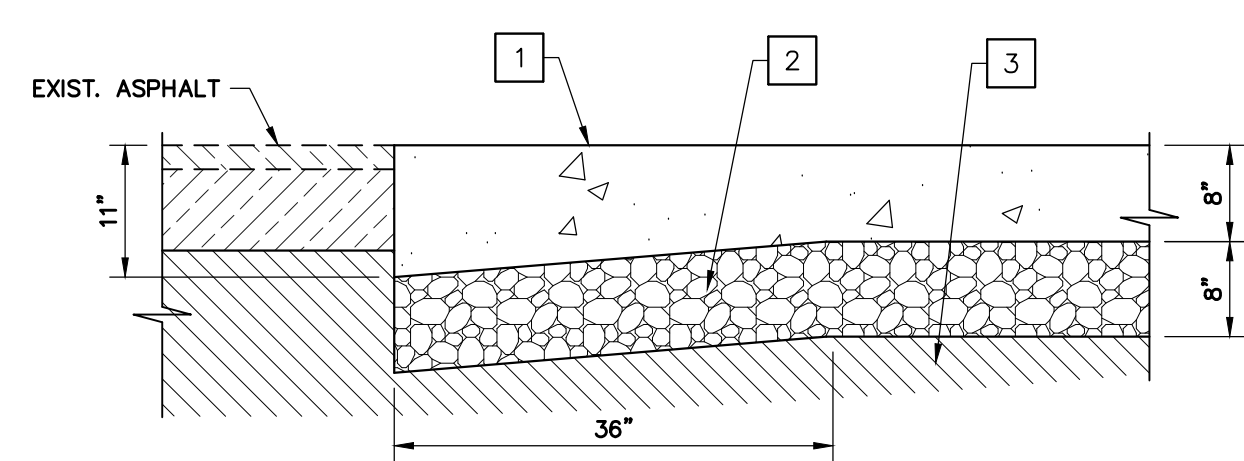
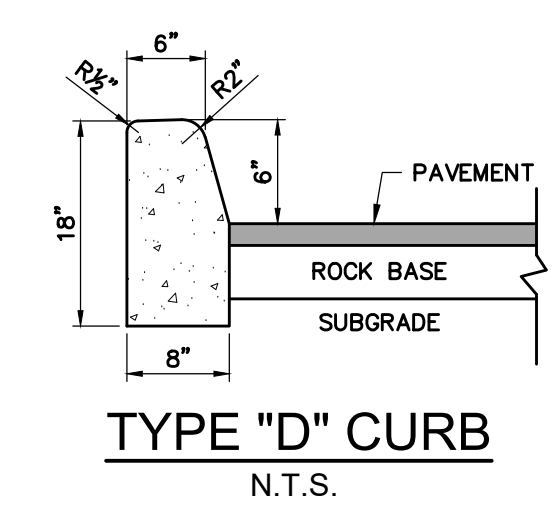


**SECTION A-A**  
1" = 10'



**TYPICAL CONCRETE ASPHALT**  
N.T.S.



**TYPE "D" CURB**  
N.T.S.

- ON-SITE PAVEMENT NOTES:**
1. 8" CONCRETE 4,000 PSI w/MACRO FIBER. SAWCUT AT 10' O.C. WITHIN 24 HOURS OF POUR.
  2. THE BASE COURSE SHALL BE LIMEROCK (70% CALCIUM), 8" (DOUBLE COURSE 2"-4" LIFTS) THICK COMPACTED IN ACCORDANCE WITH A.A.S.H.T.O. SPECIFICATION T-180 TO 98% DENSITY.
  3. ALL ORGANIC AND YIELDING MATERIAL WITHIN THE LIMITS SHOWN SHALL BE REMOVED AND REPLACED WITH CLEAN FILL. THE SUBBASE SHALL EXTEND 12" BELOW THE BASE COURSE. SHALL HAVE A MINIMUM DRY DENSITY OF 115 PCF AND SHALL BE COMPACTED TO 98% OF MAXIMUM DRY DENSITY PER A.A.S.H.T.O. SPECIFICATION T-180, METHOD "C". MINIMUM LBR TO BE 40.

AREA OF WORK FOR THE VARIANCE REQUEST

**EXISTING BUILDING**  
F.F.E. = 16.10' N.A.V.D.

- MACRO FIBER SPECIFICATION**
- REINFORCEMENT REQUIREMENTS**
1. ALL REINFORCING SHALL BE FABRICATED, INSTALLED, AND SUPPORTED IN ACCORDANCE WITH THE "MANUAL OF STANDARD PRACTICE" OF THE CONCRETE REINFORCING STEEL INSTITUTE.
  2. ALL REINFORCEMENT BARS SHALL CONFORM TO THE ASTM SPECIFICATION DESIGNATION A615, GRADE 60. SUPPORT FOR REINFORCING SHALL BE PROVIDED BY PROTECTED METAL SPACERS, CHAIRS, BOLSTERS, AND/OR TIES.
  3. MACRO SYNTHETIC FIBER: MACRO SYNTHETIC FIBER REINFORCEMENT SHALL BE USED FOR THE PURPOSE OF CONTROLLING TEMPERATURE AND DRYING SHRINKAGE CRACKING. MACRO-SYNTHETIC FIBERS ARE NOT INTENDED, NOR SHALL BE PERMITTED, TO REPLACE STRUCTURAL REINFORCING STEEL. MICRO-SYNTHETIC FIBERS AND CELLULOSE FIBERS SHALL NOT BE PERMITTED. MACRO SYNTHETIC FIBER SHALL MEET THE FOLLOWING CRITERIA:
    - a. TYPE: FIBER SHALL MEET THE REQUIREMENTS OF ASTM C1116 FOR TYPE III SYNTHETIC FIBERS.
    - b. LENGTH: FIBER LENGTH SHALL MEASURE 1 1/2" - 2".
    - c. POST CRACK RESIDUAL STRENGTH: FIBER SHALL PROVIDE A MINIMUM POST-CRACK RESIDUAL STRENGTH VALUE (FC3) OF 200 PSI WHEN MEASURED IN ACCORDANCE WITH ASTM C1609. FIBER MANUFACTURER SHALL PROVIDE DATA IN ACCORDANCE WITH THIS REQUIREMENT.
    - d. TENSILE STRENGTH: FIBER SHALL PROVIDE A MINIMUM TENSILE STRENGTH OF 70 KSI WHEN TESTED IN ACCORDANCE WITH ASTM D2256.
    - e. MODULUS OF ELASTICITY: FIBER SHALL PROVIDE A MINIMUM MODULUS OF ELASTICITY OF 1200 KSI WHEN TESTED IN ACCORDANCE WITH EN 14889.
    - f. ASPECT RATIO: FIBER SHALL PROVIDE AN ASPECT RATIO OF 70 - 90.

**PAVING & DRAINAGE LEGEND**

---	PROPERTY LINE
---	RIGHT-OF-WAY LINE
R.E.	RIM ELEVATION
G.E.	GRATE ELEVATION
I.E.	INVERT ELEVATION
---	DIRECTION OF FLOW
150' @ 0.5%	PAVEMENT SLOPE
P.R.B.	POLLUTION RETARDANT BASIN
F.F. = 10.00	FINISHED FLOOR ELEVATION
---	EXISTING OR FUTURE UTILITIES
CATCH BASIN	STRUCTURE DESIGNATION
G.E. =	LENGTH, SIZE OF STORM DRAIN
100 L.F. / 15'	EXISTING GRADE
150'	PROPOSED GRADE
---	D.I.P. PIPE
4	PROP. CONCRETE PAVEMENT

**REVISIONS**

NO.	DATE	DESCRIPTION

DATE: JUNE 2025  
SCALE: 1" = 20'  
DESIGNED BY: C.R.L.  
DRAWN BY: A.V.  
JOB #: 25-4277

Date: September 16, 2025

This item has been digitally signed and sealed by CLIFFORD R. LOUTAN, P.E. on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.