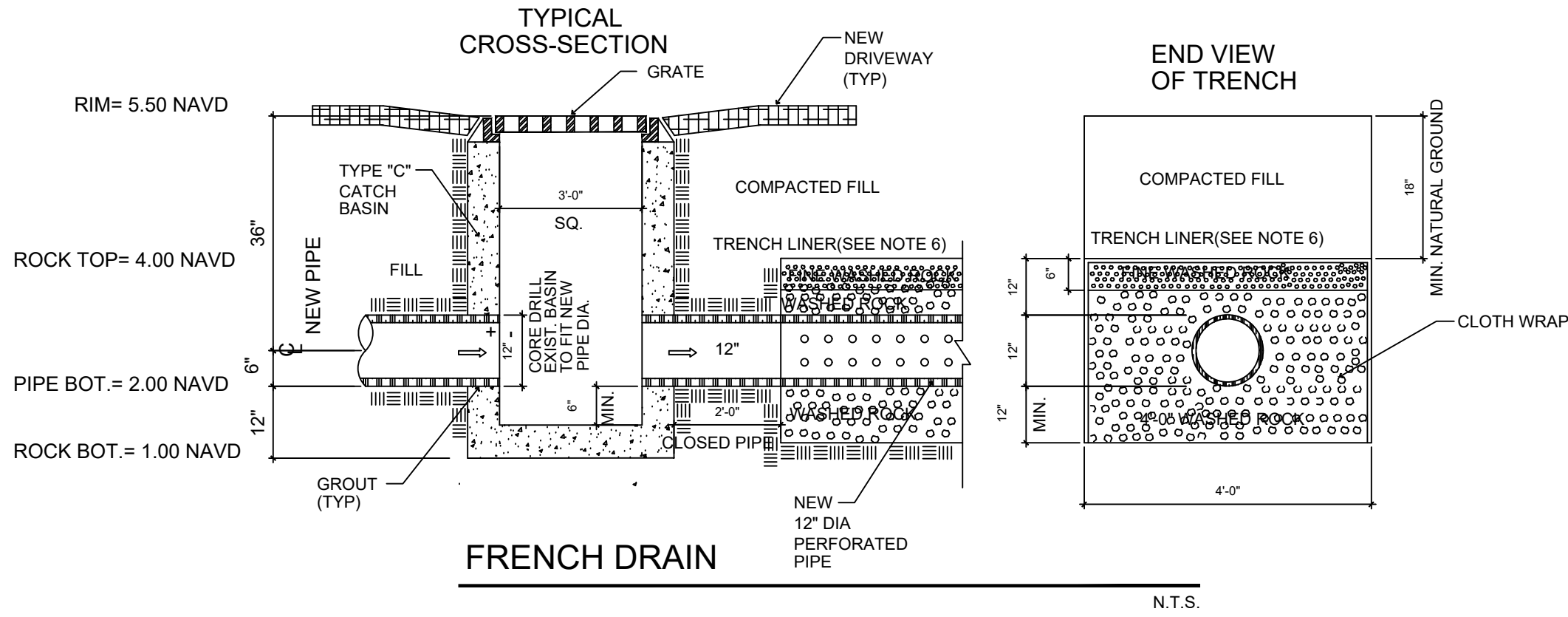


DRC

PZ25-12000032
05/20/2026
CATCH BASIN

- C.B. #1TYPE E
W/FLEX STORM PG INSERT
RIM EL.= 5.50
- C.B. #2TYPE E
W/FLEX STORM PG INSERT
RIM EL.= 5.50
- C.B. #3TYPE E
W/FLEX STORM PG INSERT
RIM EL.= 5.50
- C.B. #4TYPE E
W/FLEX STORM PG INSERT
RIM EL.= 5.50
- C.B. #5TYPE E
W/FLEX STORM PG INSERT
RIM EL.= 5.50
- C.B. #6TYPE E
W/FLEX STORM PG INSERT
RIM EL.= 5.50



- 1- CATCH BASIN SHALL CONFORM TO ALL APPLICABLE CODES AND STANDARDS.
- 2- DRAIN FIELD MAY BE OF SLOTTED CONCRETE PIPE OR PERFORATED METAL PIPE MEETING CITY OR COUNTY SPECS. OTHER TYPES OF DRAIN PIPE REQUIRE WATER MANAGEMENT DIVISION APPROVAL.
- 3- PIPES SHALL TERMINATE 2 FEET FROM END OF TRENCH OR CONNECT TO ADDITIONAL CATCH BASINS AS REQUIRED.
- 4- COVER PIPE ENDS WITH No. 10 GALVANIZED OR ALUMINUM SCREEN, OPENING NO LARGER THAN 1"x1".
- 5- BALLAST ROCK SHALL BE FROM FRESH WATER WASHED FREE OF DELETERIOUS MATTER -@3/4"
- 6- SIDES AND TOP OF TRENCH TO BE LINED WITH TWO LAYERS OF OVERLAP TRENCH LINNING MATERIAL. A MINIMUM OF TWO FEET AT TOP OF TRENCH.

DRAINAGE REPORT:

THE PROPOSED STORMWATER MANAGEMENT SYSTEM HAS BEEN DESIGNED IN ACCORDANCE WITH THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT (SFWMD) REGULATIONS AND THE APPLICABLE LOCAL DEVELOPMENT REGULATIONS (LDR). THE SYSTEM PROVIDES ON-SITE STORMWATER RETENTION FOR A MINIMUM 10-YEAR / 24-HOUR STORM EVENT AND SATISFIES THE WATER QUALITY TREATMENT REQUIREMENT OF RETAINING THE FIRST 1.0 INCH OF RUNOFF FROM ALL IMPERVIOUS AREAS, AS REQUIRED BY SFWMD AND POMPAÑO BEACH CODES

STORMWATER CALCULATIONS

NEW ASPHALT AREA = 15,615 SQ. FT
VOLUME 1" OF RAIN = 1,301 CUBIC FEET

STORMWATER STORAGE PROVIDED

CATCH BASIN VOLUME = 3'-0 x 3'-0" x 3'-0" = 27 CUBIC FEET
NEW (QTY 6) = 162 CUBIC FEET
WASHED ROCK VOLUME = 3'-0 x 3'-0" x .40 = 3.6 FT3/F
3.6 X 356 = 1281 CUBIC FOOT CAP.

TOTAL PERCOLATION VOLUME = 1,443 CUBIC FEET

TOTAL SYSTEM CAPACITY

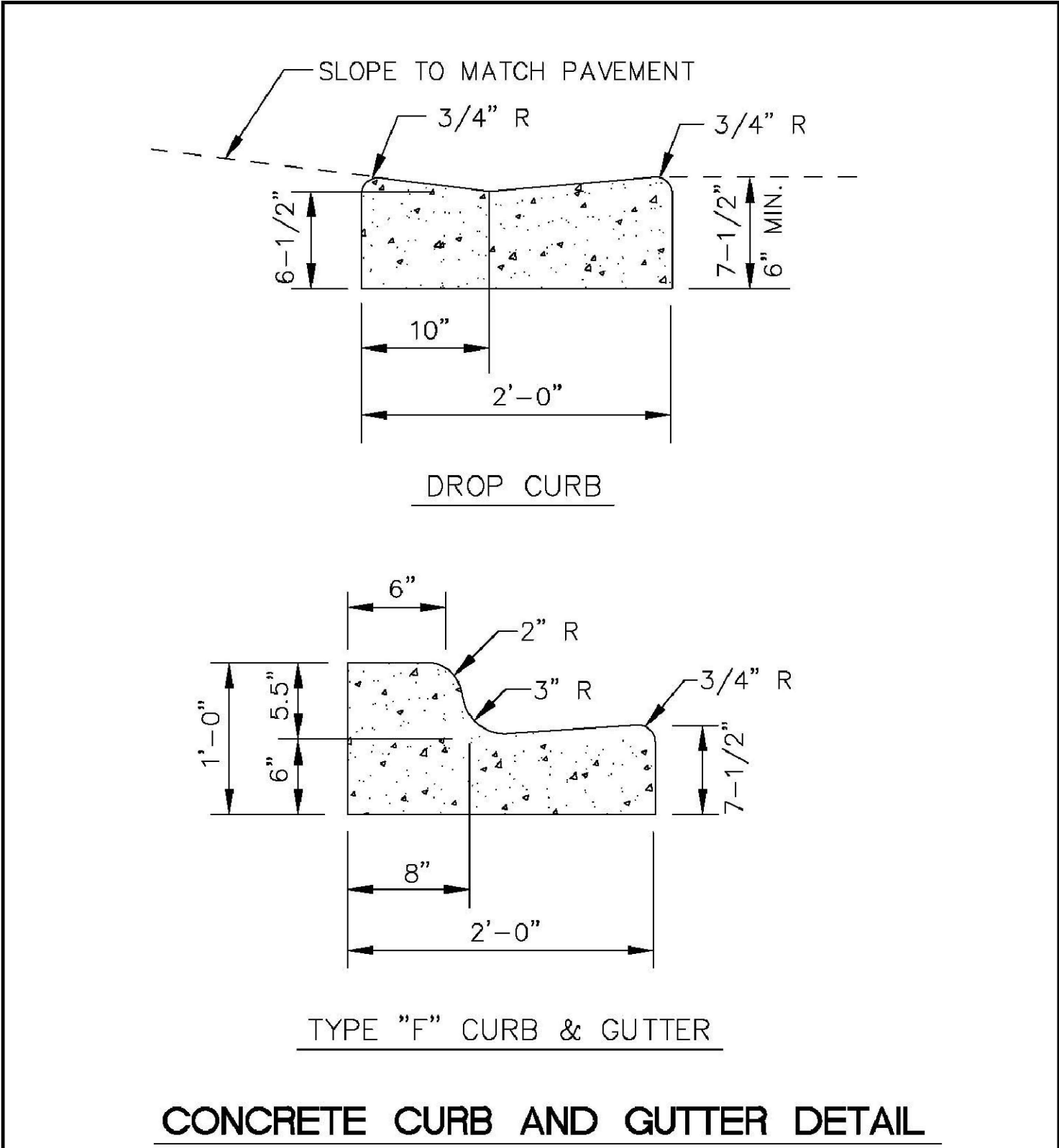
TOTAL RUNOFF (1" RAINFALL) = 1,301 CUBIC FEET
TOTAL STORAGE PROVIDED = 1,443 CUBIC FEET
EQUIVALENT STORAGE VOLUME = 10,794 GALLONS

CONCLUSION:

THE PROPOSED STORMWATER SYSTEM PROVIDES SUFFICIENT ON-SITE STORAGE TO RETAIN 100% OF THE FIRST 1.0 INCH OF RUNOFF FROM IMPERVIOUS SURFACES AND EXCEEDS THE REQUIRED RUNOFF VOLUME. THE DESIGN THEREFORE MEETS OR EXCEEDS SFWMD WATER QUALITY AND QUANTITY REQUIREMENTS AND COMPLIES WITH LDR CRITERIA FOR A 10-YEAR / 24-HOUR STORM EVENT

48 HOURS BEFORE DIGGING
BROWARD
CALL TOLL FREE
1-800-432-4770
SUNSHINE STATE 1 CALL
UNDERGROUND UTILITIES
NOTIFICATION CENTER

STORM EVENT	STAGE (NAVD)	
	REQUIRED	PROVIDED
10 YR - 1 DAY	4.68	7.50
25 YR - 3 DAY	6.32	7.70



ENGINEERING STANDARDS 2025			
REVISIONS		ENGINEERING DIVISION CITY OF POMPAÑO BEACH	CONCRETE CURB AND GUTTER
BY	DATE		
S.S.	07-2016	SCALE: N.T.S.	DATE: MAY 2022 DWG. NO. 300-1

REVISIONS:

A

ISSUED FOR REVIEW
12/19/25

DON ARPIN
P.E. 28585

APPROVED SEAL/SIGNATURE

THE NEW AUTO TOY STORE

929 & 941 S.W. 8TH STREET
POMPAÑO BEACH, FLORIDA 33069

DON ARPIN MSPE PE #28585
ASSOCIATED GENERAL KINETICS, LLC
COA #26073

4920 NORTH DIXIE HIGHWAY
FORT LAUDERDALE, FL, 33334
OFFICE (954) 772-8345 FAX: (954) 772-7478

CAL 6:14

DRAWN:

DATE:
7/29/2025

PROJECT NUMBER:

SHEET NUMBER:

CV-3

TO THE BEST OF MY KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES AND THE APPLICABLE FIRE-SAFETY STANDARDS AS DETERMINED BY THE LOCAL AUTHORITY IN ACCORDANCE WITH THIS SECTION AND CHAPTER 633, FLORIDA STATUTES