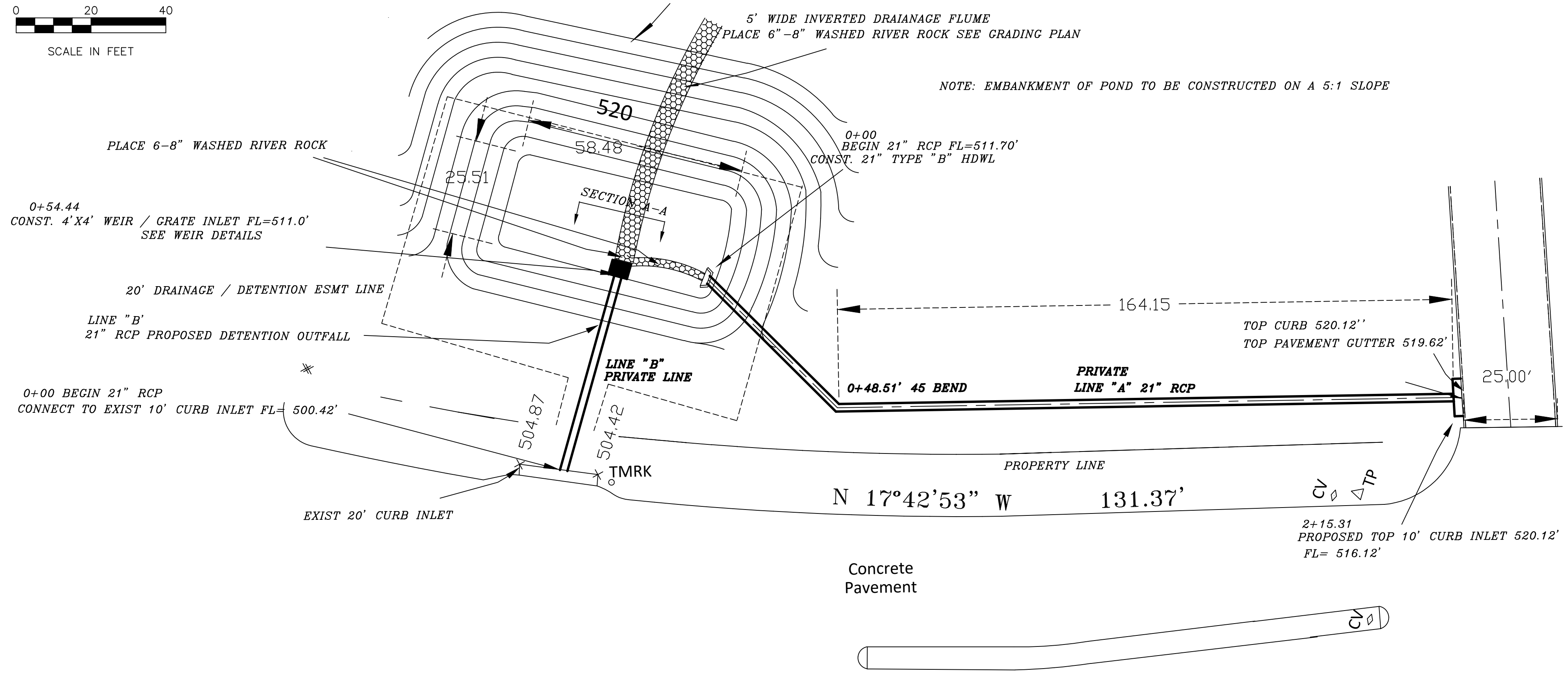


# PROPOSED DETENTION POND



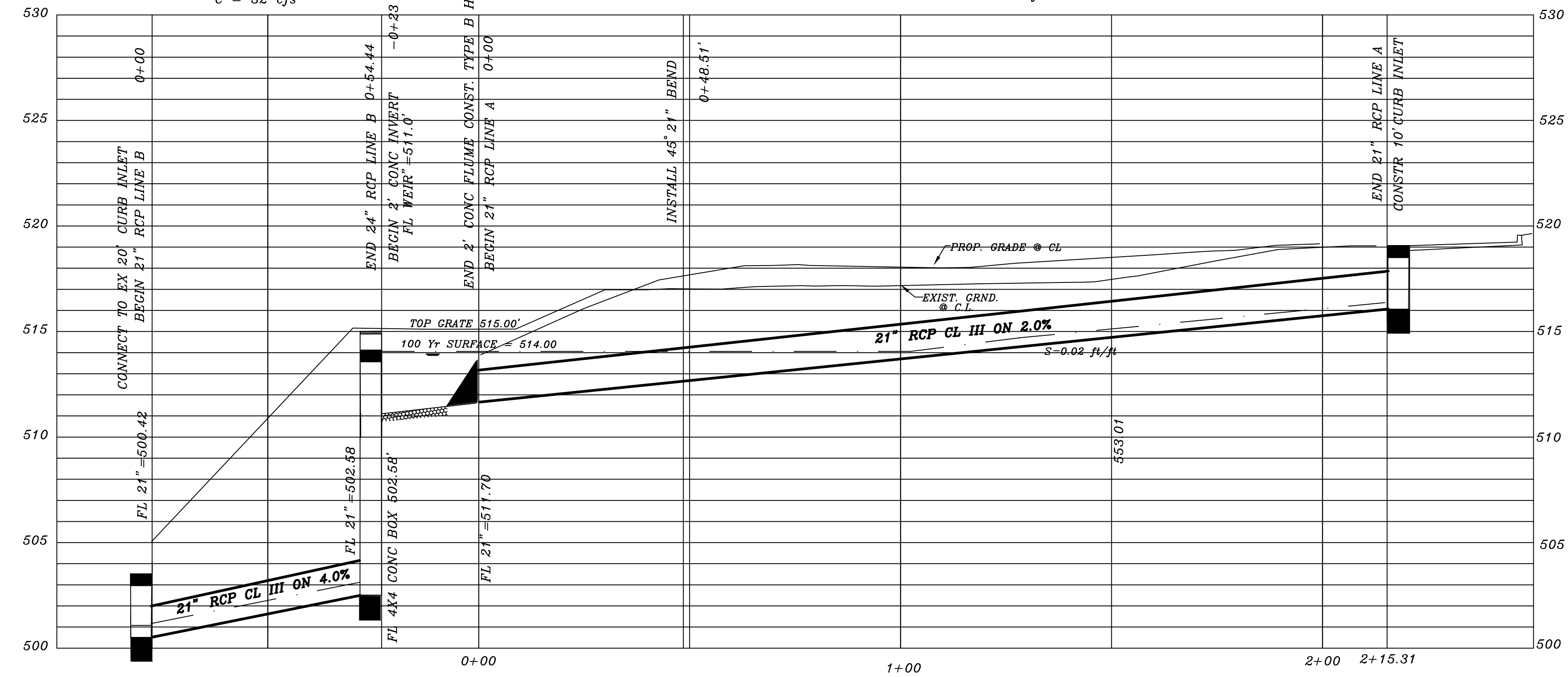
NOTE: EMBANKMENT OF POND TO BE CONSTRUCTED ON A 5:1 SLOPE

## LINE B

PROPOSED 21" RCP  
 Q = 11.6 cfs  
 S = 0.04 ft/ft  
 V = 12.5 fps  
 C = 32 cfs

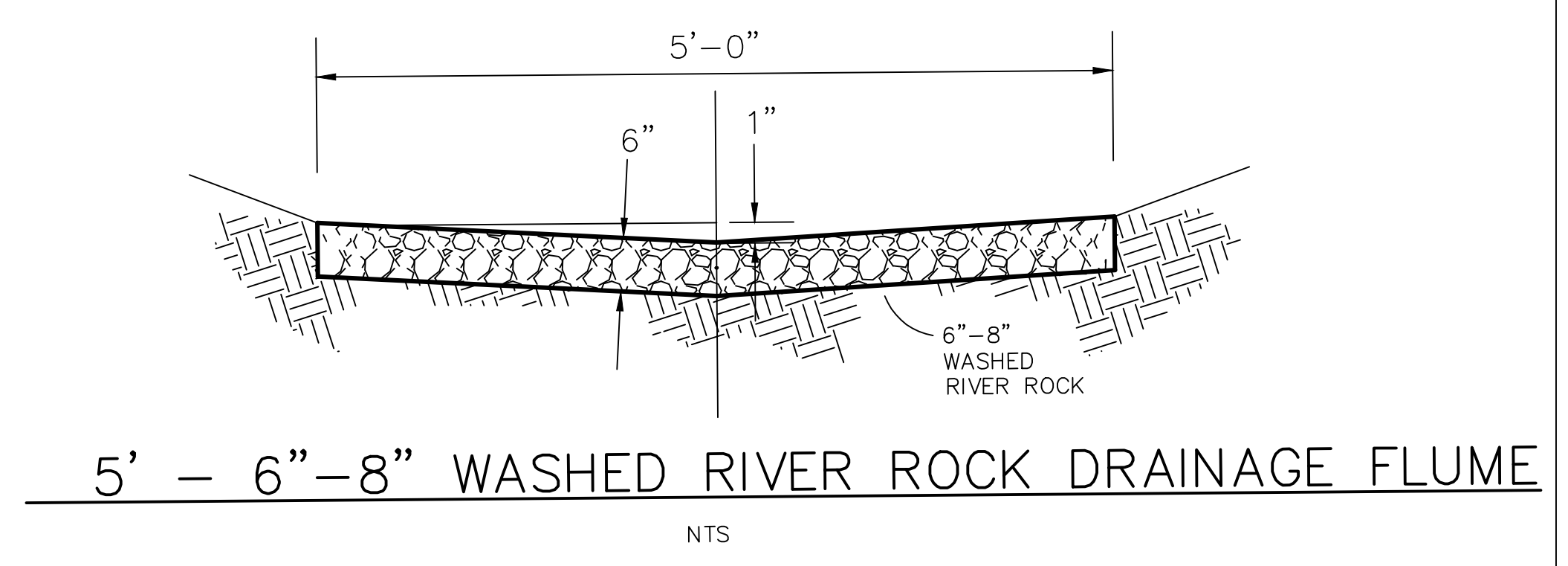
## LINE A

PROPOSED 21" RCP  
 Q = 7.1 cfs  
 S = 0.02 ft/ft  
 V = 9.5 fps  
 C = 23 cfs



STORM SEWERS LINE A&B PROFILES

REVISED TO CONFORM TO CONSTRUCTION RECORDS.  
 \_\_\_\_\_ DATE: 1-9-23



THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY W.L. DOUPHRATE IN TEXAS P.E. NO. 60102 F-8866 ON DATE: APRIL 16, 2016.

**DOUPHRATE & ASSOCIATES, INC.**  
 ENGINEERING - PROJECT MANAGEMENT - SURVEYING  
 2235 RIDGE RD., # 200 ROCKWALL, TEXAS 75087  
 PHONE: (972)771-9004 FAX: (972)771-9005

PROPOSED STORM SEWER / PILOT DETAILS  
 ST. BENEDICT'S ANGLICAN CHURCH  
 CITY OF ROCKWALL,  
 ROCKWALL COUNTY, TEXAS

REVISION	W.L.D.
CHECKED	D.A.C.
DRAWN	
SCALE	1"=20'H 1"=4'V
DEC, 2021	
DATE	
21007	
PROJECT	
51	