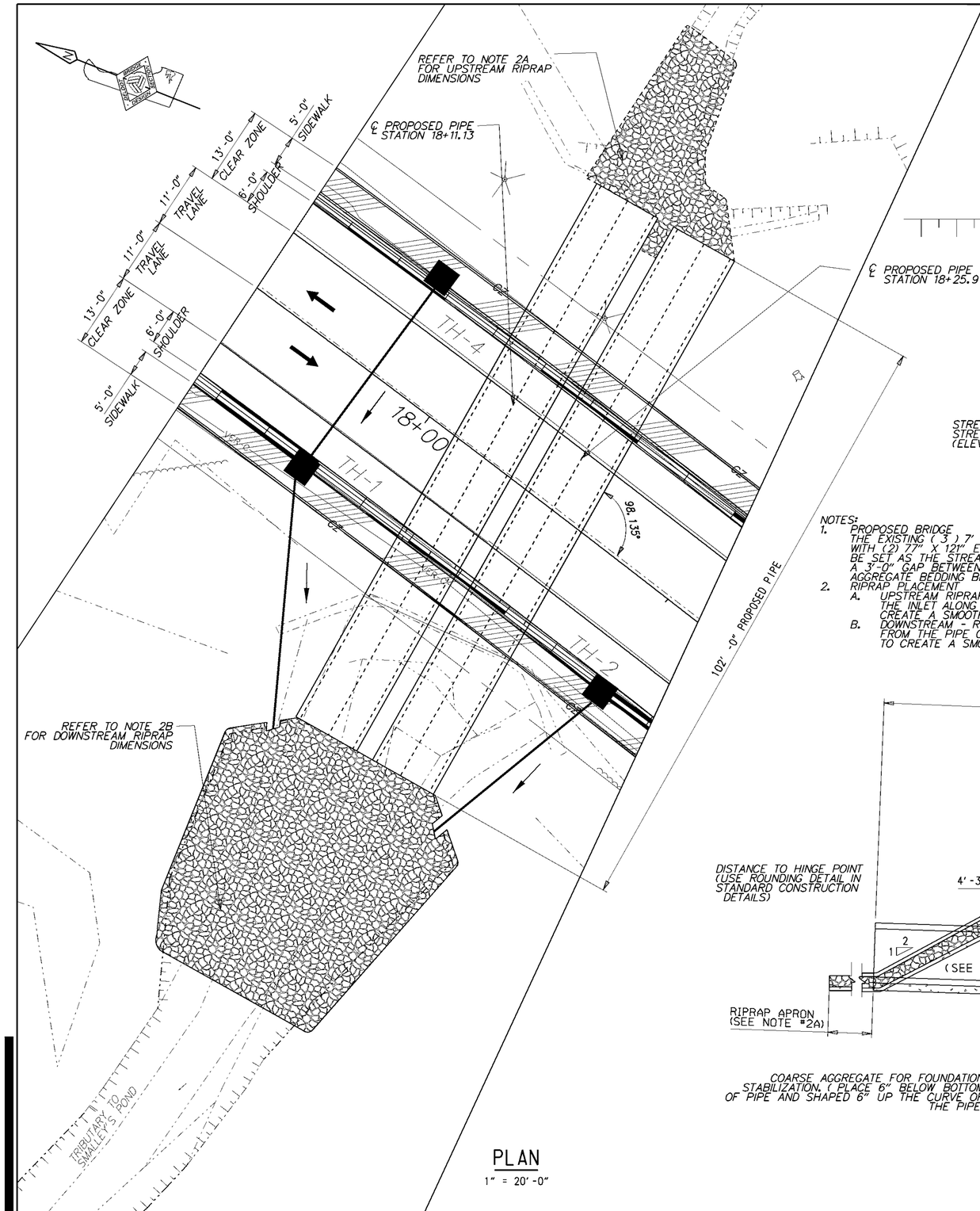
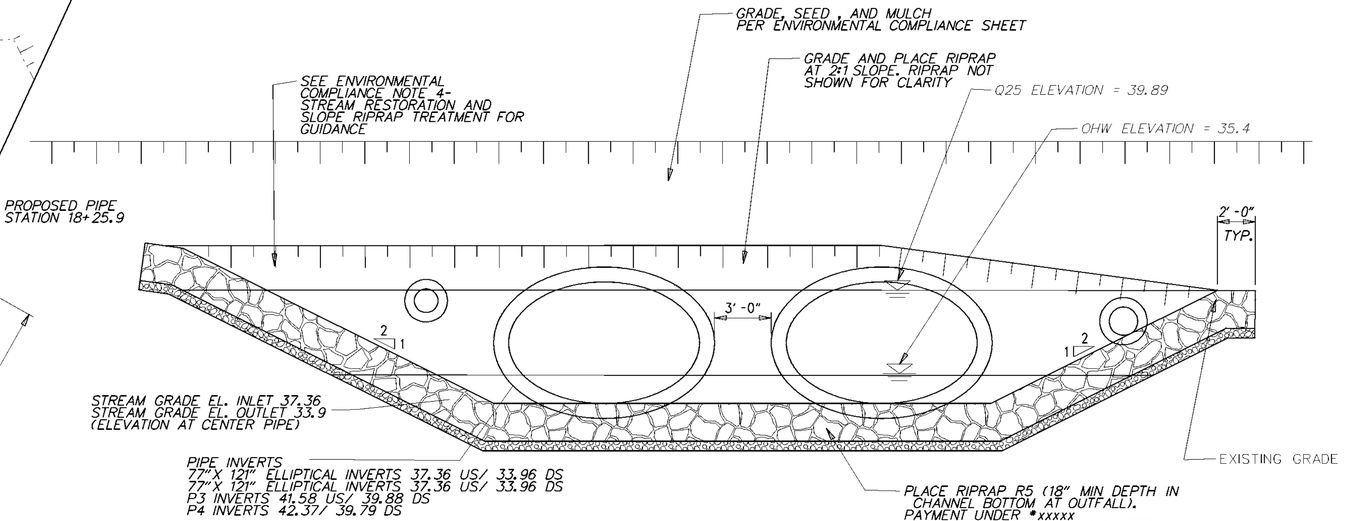


PLAN

1" = 20'-0"

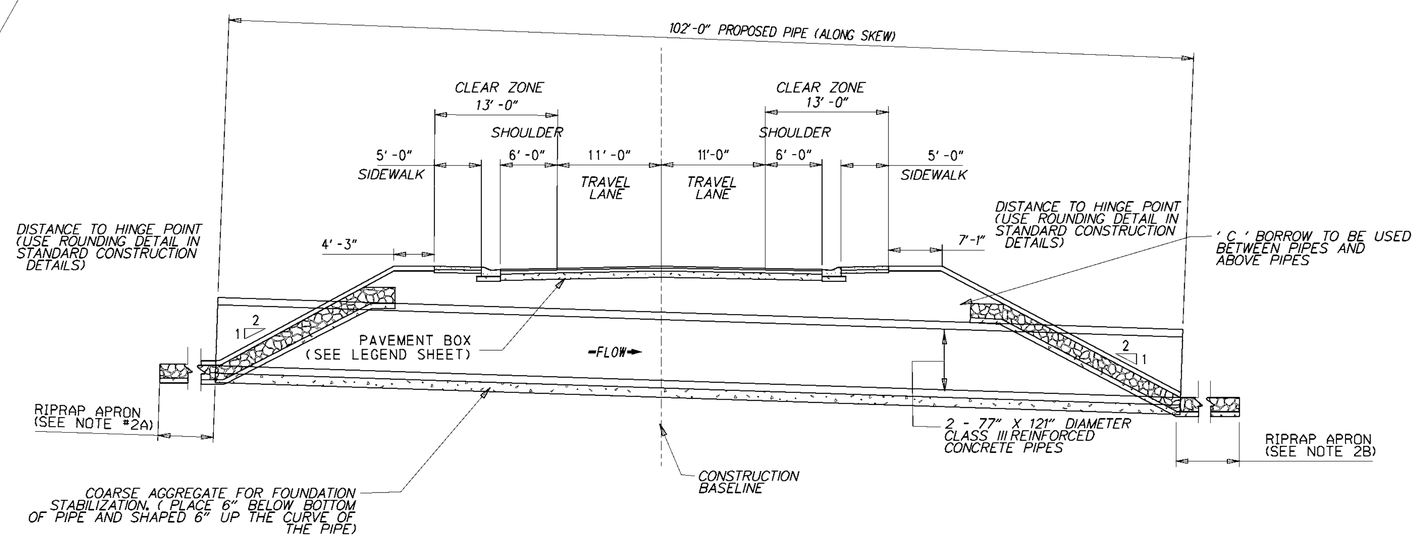


BRIDGE ELEVATION

¼" = 1'-0"

NOTES:

1. PROPOSED BRIDGE
   THE EXISTING (3) 7'-2" X 4'-6" DIAMETER C.M.P PIPES SHALL BE REPLACED WITH (2) 77" X 121" ELLIPTICAL PIPES (102'-0" LONG). THE PIPE INVERTS SHALL BE SET AS THE STREAM ESTABLISHED GRADE. PLACE THE MAIN PIPES WITH A 3'-0" GAP BETWEEN THE PIPES. PLACE 6" COURSE AGGREGATE BEDDING BENEATH PIPES AND 6" SHAPED UP THE CURVE OF EACH PIPE.
2. RIPRAP PLACEMENT
   A. UPSTREAM RIPRAP SHALL BE PLACED IN THE CHANNEL BOTTOM 25'-0" FROM THE INLET ALONG THE STREAM CENTERLINE AND SHALL BE PLACED TO CREATE A SMOOTH BEND THAT MATCHES THE EXISTING STREAM BANKS.
   B. DOWNSTREAM - RIPRAP SHALL BE PLACED IN THE CHANNEL BOTTOM 45'-0" FROM THE PIPE OUTLET ALONG THE STREAM CENTERLINE AND SHALL BE PLACED TO CREATE A SMOOTH BEND THAT MATCHES THE EXISTING STREAM BANKS.



BRIDGE SECTION

⅛" = 1'-0"

DELAWARE DEPARTMENT OF TRANSPORTATION	ADDENDUMS / REVISIONS	SCALE AS NOTED	BR 1-291 ON SONGSMITH DRIVE OVER TRIBUTARY TO SMALLEY'S POND	CONTRACT T201407103 / COUNTY NEW CASTLE	BRIDGE NO. BR 1-291 / DESIGNED BY: KRK / CHECKED BY: JNH	BRIDGE PLAN, SECTION, & ELEVATION	SHEET NO. 8 / TOTAL SHTS. 14