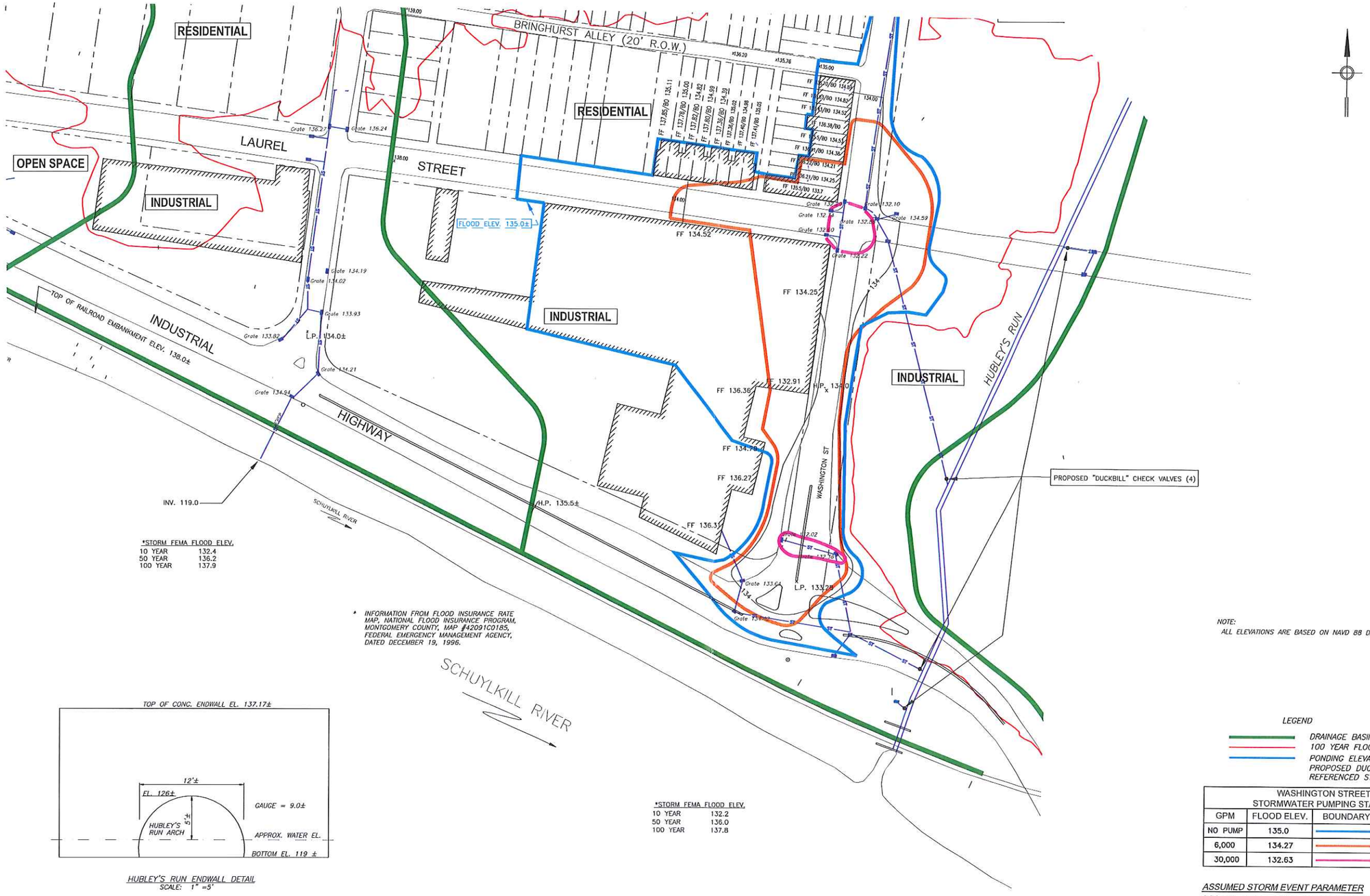

*STORM FEMA FLOOD ELEV.

10 YEAR	132.4
50 YEAR	136.2
100 YEAR	137.9

* INFORMATION FROM FLOOD INSURANCE RATE MAP, NATIONAL FLOOD INSURANCE PROGRAM, MONTGOMERY COUNTY, MAP #42091C0185, FEDERAL EMERGENCY MANAGEMENT AGENCY, DATED DECEMBER 19, 1996.

*STORM FEMA FLOOD ELEV.

10 YEAR	132.2
50 YEAR	136.0
100 YEAR	137.8

NOTE:
ALL ELEVATIONS ARE BASED ON NAVD 88 DATUM.

HUBLEY'S RUN ENDWALL DETAIL
SCALE: 1" =5'

LEGEND

- DRAINAGE BASIN
- 100 YEAR FLOOD ELEVATION
- PONDING ELEVATION OF 135.0, WITH PROPOSED DUCKBILL CLOSED AT REFERENCED STORM CULVERT

WASHINGTON STREET STORMWATER PUMPING STATION			
GPM	FLOOD ELEV.	BOUNDARY	DRAIN TIME
NO PUMP	135.0		
6,000	134.27		4 HOURS
30,000	132.63		0.5 HOURS

ASSUMED STORM EVENT PARAMETER
SCS UNIT HYDROGRAPH METHOD (TR-20)
10 YEAR 24 HOUR STORM
4.88" OF RAIN IN 24 HOURS
2.5" OF RAIN IN MIDDLE 2 HOURS
0.7" OF RAIN IN 5 MINUTES AT PEAK

SCALE: 1" =50'

Cardno BCM

PLAN No. 5