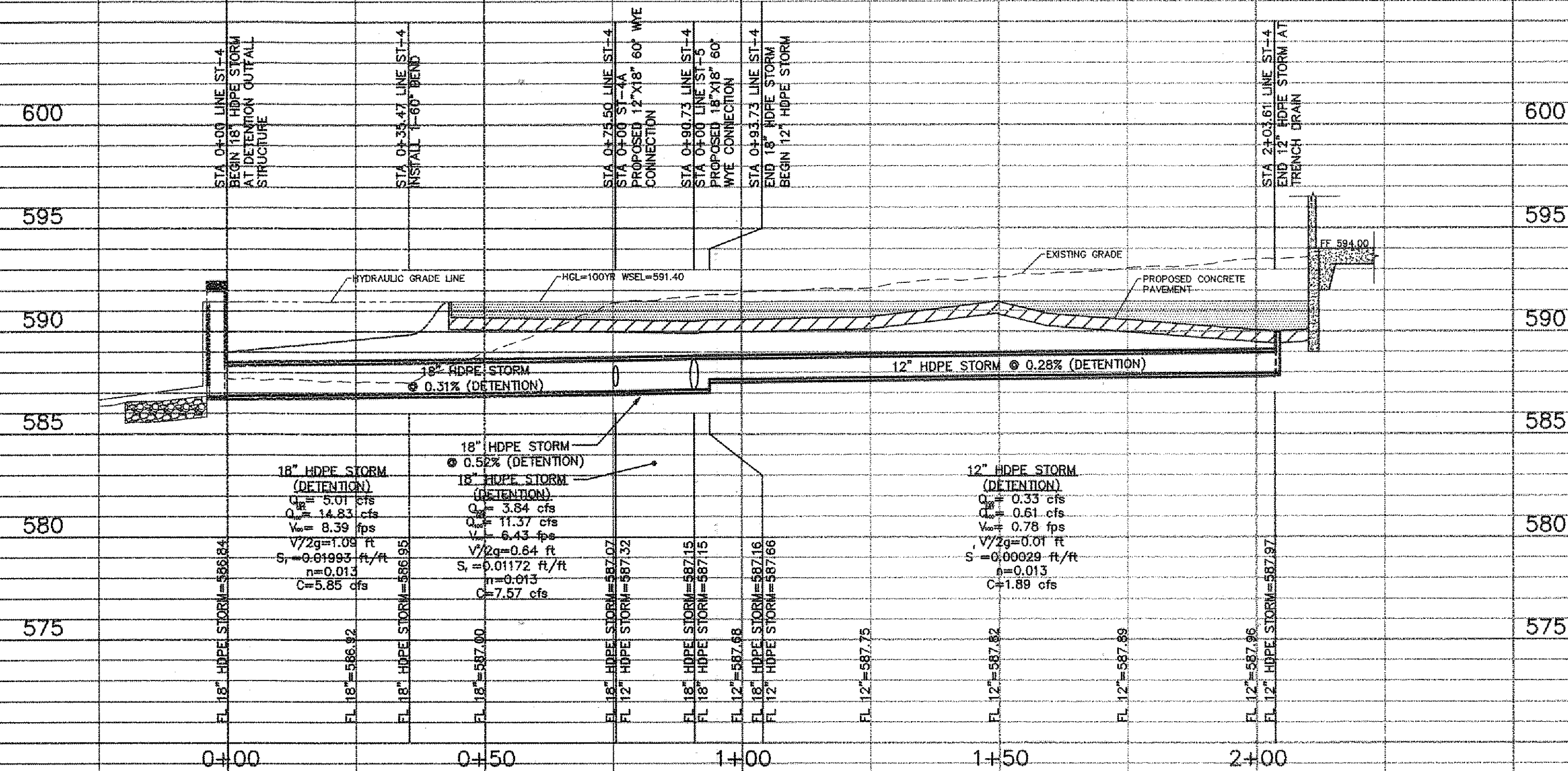


STORM LINE ST-1
(PRIVATE)



STORM LINE ST-4
(PRIVATE)

NOTE:
 Q_p IS EQUAL TO THE ACTUAL PEAK FLOW IN
 THE PIPE DURING THE 100-YR STORM EVENT
 (DUE TO THE OUTLET CONTROLLED DETENTION
 RELEASE STRUCTURE DOWNSTREAM.
 Q_m IS EQUAL TO THE PEAK FLOW IN THE PIPE
 IF DETENTION WERE NOT ACCOUNTED FOR.
 VELOCITY, VELOCITY HEAD, AND FRICTION
 SLOPE ARE SHOWN PER THE 100-YR PEAK
 FLOWS IN THE SYSTEM IF NO OUTLET
 CONTROL STRUCTURE WERE PRESENT.
 STORM PIPES ARE SIZED TO PROVIDE
 ADEQUATE CAPACITY FOR THE 100-YR
 DETENTION PEAK FLOWS, AS THE OUTLET
 STRUCTURE CONTROLS FLOW THROUGH THE
 SYSTEM.

RECORD DRAWING
 THIS DRAWING HAS BEEN REVISED TO RE-
 FLECT CONSTRUCTION RECORDS MAINTAINED
 AND PROVIDED BY THE CONTRACTOR FOR
 THIS PROJECT.
 CONTRACTOR: HILL & WILKINSON
 DATE REVISED: 08/30/2012

NO.	DATE	REVISION
1	8/30/2012	RECORD DRAWING

Pacheco Koch
 8350 N. CENTRAL EXPY., SUITE 1000
 DALLAS, TX 75208 872.235.3031
 DALLAS • FORT WORTH • HOUSTON TX REG. ENGINEERING FIRM F-469
 TX REG. SURVEYING FIRM LS-100080-00

STORM SEWER PROFILE
HATFIELD & COMPANY, INC.
DISCOVERY BLVD. & INNOVATION ST.
ROCKWALL
CITY OF ROCKWALL, ROCKWALL COUNTY, TEXAS

DESIGN	DRAWN	DATE	SCALE	NOTES	FILE	NO.
GAP	GAP	MARCH 2012	V: 1"=5' H: 1"=20'			C4.3