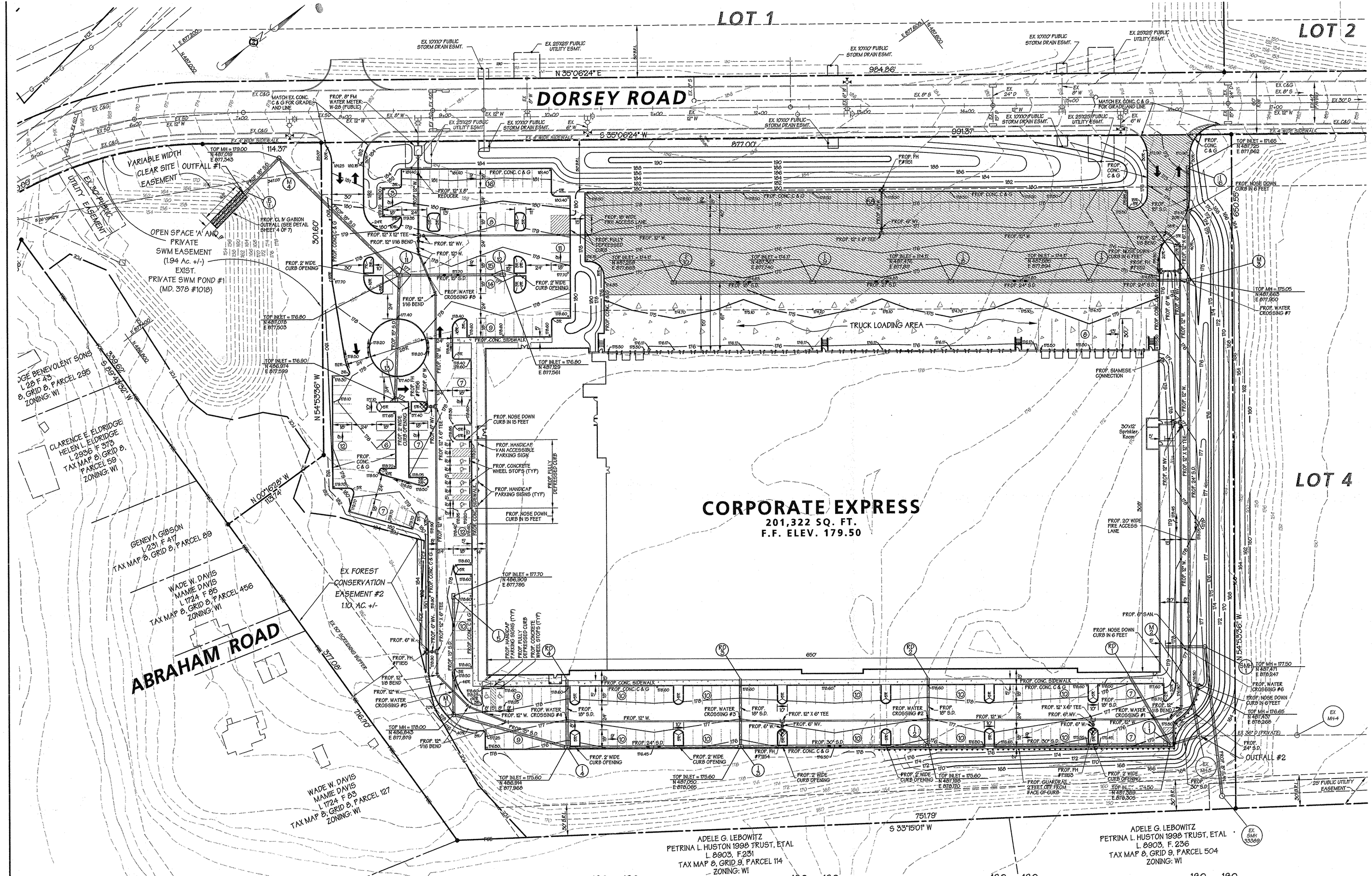


OUTFALL #1 STATEMENT

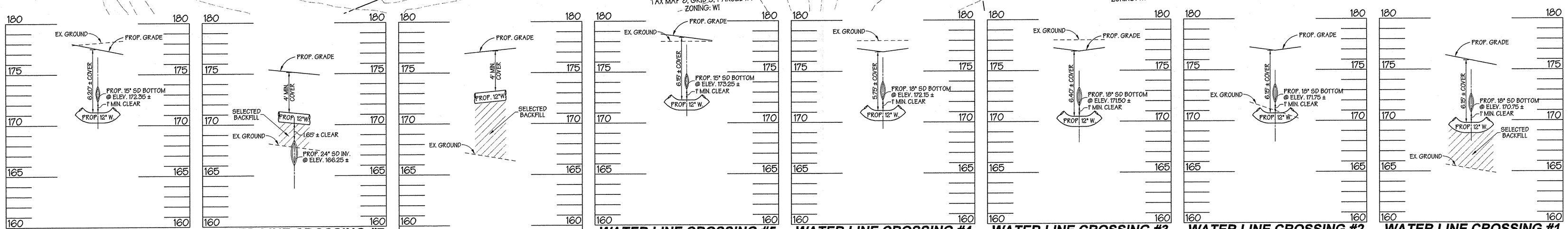
A FIELD INVESTIGATION OF OUTFALL #1, THE CONVEYANCE SYSTEM OF THESE OUTFALLS, AND RECEIVING WATERCOURSES WAS PERFORMED BY BALTIMORE LAND DESIGN GROUP, INC. ON AUGUST 6, 2002. OUTFALL #1 IS LOCATED WHERE THE PROPOSED 18" CONCRETE END SECTION E-1 DISCHARGES INTO THE EXISTING PRIVATE STORM WATER MANAGEMENT POND #1. THE EXISTING PRIVATE STORM WATER MANAGEMENT POND #1 AT OUTFALL #1 IS DESIGNED TO ADEQUATELY CONVEY THE 10 YEAR RUNOFF FROM ON-SITE. THE RUNOFF FROM THE POND #1 IS CARRIED APPROXIMATELY 440 FEET THROUGH THE EXISTING 24" CONCRETE PRINCIPAL SPILLWAY DRAINAGE SYSTEM, WHERE IT DISCHARGES INTO AN EXISTING RIP RAP TRAPEZOIDAL CHANNEL ALONG DORSEY ROAD. THIS OUTFALL IS CURRENTLY COVERED WITH WELL ESTABLISHED VEGETATION AND SHOWS NO EVIDENCE OF EROSION, FLOODING, OR SEDIMENTATION. THE CHANNEL ULTIMATELY DRAINS INTO THE PINEY RUN SOUTHEAST OF THE SITE.

OUTFALL #2 STATEMENT

A FIELD INVESTIGATION OF OUTFALL #2, THE CONVEYANCE SYSTEM OF THESE OUTFALLS, AND RECEIVING WATERCOURSES WAS PERFORMED BY BALTIMORE LAND DESIGN GROUP, INC. ON AUGUST 6, 2002. OUTFALL #2 IS LOCATED WHERE THE PROPOSED PRIVATE ON-SITE 24" AND 30" CONCRETE STORM DRAIN PIPES TIE INTO THE EXISTING PRIVATE STORM DRAIN MANHOLE, EX. MH-5. AN EXISTING PRIVATE 36" CONCRETE STORM DRAIN PIPE FROM EX. MH-5 IS DESIGNED TO ADEQUATELY CONVEY THE 10 YEAR RUNOFF FROM THE SITE THROUGH AN EXISTING STORM DRAINAGE SYSTEM. THIS SYSTEM EVENTUALLY DISCHARGES INTO THE EXISTING PRIVATE STORM WATER MANAGEMENT POND #2 FLOWING THROUGH TS 48" CONCRETE PRINCIPAL SPILLWAY, AND FINALLY DISCHARGING INTO AN EXISTING CLASS II RIP RAP OUTFALL CHANNEL. BESIDES MINOR SEDIMENT COLLECTION FROM THE POND WHICH CURRENTLY OPERATES AS A SEDIMENT BASIN, THIS EXISTING OUTFALL SHOWS NO EVIDENCE OF EROSION, FLOODING, OR SEDIMENTATION FROM THE SURROUNDING AREA. IT DRAINS DIRECTLY INTO THE PINEY RUN WHICH IS CURRENTLY STABLE AND IN GOOD CONDITION.

LEGEND

PROPERTY LINE	
EXIST. STORM DRAIN	EX 21" SD
EXIST. SANITARY	EX 8" SAN
EXIST. WATER	EX 8" W
EXIST. CURB & GUTTER	EX C&G
EX. GRADES	179
PROP. GRADES	180
PROP. CONCRETE	
PROP. CURB. & GUTTER	PROP C&G
NO. PROP. PARKING SPACES	4
PROP. STORM DRAIN	PROP 21" D
PROP. SANITARY	PROP 8" S
PROP. WATER	PROP 8" W
HEAVY DUTY PAVING	1 1/2" BITUMINOUS CONC. SURFACE 2 1/2" BITUMINOUS CONC. BASE 14" DENSE GRADED STABILIZED AGGREGATE BASE COURSE
LIGHT DUTY PAVING	1 1/2" BITUMINOUS CONC. SURFACE 1 1/2" BITUMINOUS CONC. BASE 9" DENSE GRADED STABILIZED AGGREGATE BASE COURSE APPROVED COMPACTED SUBGRADE
8" CONCRETE MIX #2 W/ FIBER MESH	



WATER LINE CROSSING #8
SCALE: HORZ 1"=40
VERT 1"= 4'

WATER LINE CROSSING #7
SCALE: HORZ 1"=40
VERT 1"= 4'

WATER LINE CROSSING #6
SCALE: HORZ 1"=40
VERT 1"= 4'

WATER LINE CROSSING #5
SCALE: HORZ 1"=40
VERT 1"= 4'

WATER LINE CROSSING #4
SCALE: HORZ 1"=40
VERT 1"= 4'

WATER LINE CROSSING #3
SCALE: HORZ 1"=40
VERT 1"= 4'

WATER LINE CROSSING #2
SCALE: HORZ 1"=40
VERT 1"= 4'

WATER LINE CROSSING #1
SCALE: HORZ 1"=40
VERT 1"= 4'

GRADING PERMIT G02009346
BUILDING PERMIT B02180579

BLDG
Baltimore Land Design Group Inc.
Consulting Engineers
222 SCHILLING CIRCLE SUITE 105 • HUNT VALLEY, MARYLAND 21030
PHONE: 410.229.9851 • FAX: 410.229.9865 • BLDGINC@WINSTARMAIL.COM

Yvonne Rosfelt-Fenske 8/21/02
REGISTERED PROFESSIONAL ENGINEER 21245 YVONNE ROSFELT-FENSKE STATE OF MARYLAND

NO.	REVISION	DATE	BY
1	GRADING PERMIT APPLICATION SUBMISSION	6/25/02	JCP
2	COMPLIED WITH A.A. COUNTY COMMENTS	8/7/02	JCP

DEVELOPER / OWNER
FRP HILLSIDE, LLC
34 LOVETON CIRCLE, SUITE 100
SPARKS, MARYLAND 21152
(410) 771-4100

SITE PLAN FOR
CORPORATE EXPRESS
HILLSIDE BUSINESS PARK LOT 3

TAX MAP 8
FIFTH ASSESSMENT DISTRICT
DATE JUNE 18, 2002

LOT 3
BLOCK 8 & 9
L. 8462 F. 111

PARCEL 624
ANNE ARUNDEL CO., MARYLAND
SCALE: 1"= 40' - SHEET 2 OF 7