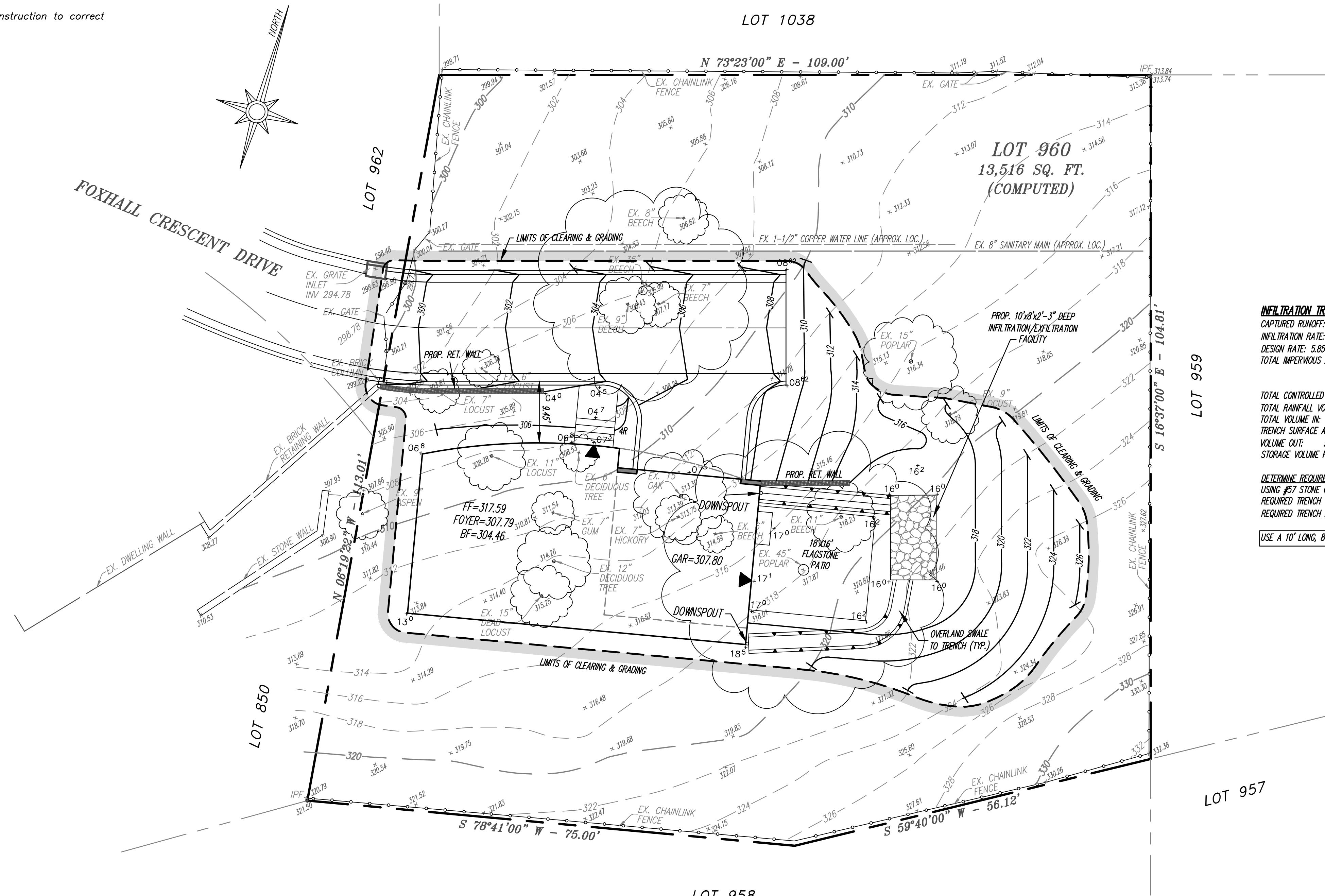


NOTES

- *Owner: Amir Motlagh
201 Berry Street, SE
Vienna, VA 22180*
- *Property Address: 4509 Foxhall Crescent
Washington, DC 20007*
- *Property Location: Lot #960, Square #1397*
- *Developer: Jacobsen Builders
40862 Robinson Circle
Leesburg, VA 20175*
- *All construction shall conform to DDOE and/or*
- *Only those utilities visible from the ground surface on these plans. The location and depth of utilities are the responsibility of the contractor.*
- *This property is served by public water and sewer.*
- *No title report furnished.*
- *Recommendation for materials and methods of dealing with existing soil conditions is not a part of this plan.*

F.E.M.A./F.I.R.M. DATA

MAP ITEM ID.: 1100010012C
FLOOD ZONE: X
EFFECTIVE DATE: 09/27/2010



INFILTRATION TRENCH DESIGN

CAPTURED RUNOFF: 1.0 in/imp ac.
INFILTRATION RATE: 11.7 in/hr (SEE REPORT)
DESIGN RATE: 5.85 in/hr (SEE REPORT)
TOTAL IMPERVIOUS AREA CONTROLLED

TOTAL IMPERVIOUS AREA CONTROLLED:
 ROOF LINE: 1,404 SQ. FT.
 PATIO: 288 SQ. FT.
 TOTAL CONTROLLED AREA: 1,692 SQ. FT. (TRENCH DESIGN FOR IMPERVIOUS AREA ONLY)
 TOTAL RAINFALL VOLUME: 1.0 in./imp ac. = 0.0833 ft
 TOTAL VOLUME IN: 1,692 SQ. FT. x 0.0833 FT = 141 C.F.
 TRENCH SURFACE AREA: 10 ft x 8 ft = 80 SQ. FT.
 VOLUME OUT: 5.85 in./hr x 2 hrs x 1'/12" x 80 sq-ft = 78 C.F.
 STORAGE VOLUME REQUIRED: 141-78 = 63 C.F.

DETERMINE REQUIRED TRENCH VOLUME/SIZE:
USING #57 STONE @ 35% VOID RATIO
REQUIRED TRENCH VOLUME: 63 C.F. x 2.86 = 180.2 C.F.
REQUIRED TRENCH DEPTH: 180.2 C.F. / 80 SQ. FT. = 2.25 FT.

SITE AND GRADING PLAN

**OXHALL CRESCENTS DRIVE, N.W.
WASHINGTON, D.C. 20007**

LOT 960, SQUARE 1397

SITE AND GRADING PLAN

**OXHALL CRESCENTS DRIVE, N.W.
WASHINGTON, D.C. 20007**

LOT 960, SQUARE 1397

4509 F

PROJECT

OB

2013-005

ADD

Sheet 1 of 5

Board of Zoning Adjustment
District of Columbia
Case No. 18708

K & ASSOCIATES		REVISION APPROVED BY DIVISION OF DESIGN REVIEW	
DESCRIPTION NO.	REVIEW BY	APPROVED	DATE
JARRETT SURVEYS, INC.			
DESIGN	KJ		
DRAWN	KJ		
CHECKED	KJ		
650 MAIN STREET, SUITE 302 IRVING, TX 75039 PHONE: (972) 468-1600 FAX: (972) 468-1601 e-mail: kjanda@cox.net www.kjandassociatesengineering.com		650 MAIN STREET, SUITE 302 IRVING, TX 75039 PHONE: (972) 468-1600 FAX: (972) 468-1601 e-mail: kjanda@cox.net www.kjandassociatesengineering.com	