

CONTOUR & SLOPE NOTE:
CONTOUR LINES SHOWN PER SNOHOMISH COUNTY AERIAL MAPPING INFO ALONG WITH VISUAL INSPECTION. SLOPES RANGE FROM 2% TO 20%.

MAP NOTE:
WETLANDS, STREAMS, AND BUFFERS WHERE LOCATED BY WETLANDS & WILDLIFE. SEE CRITICAL AREA SITE PLAN (CASP) SUBMITTED CONCURRENTLY WITH THE DRAINAGE AND LDA PLAN.

DRAINAGE NOTE:
A MAXIMUM OF 700 SQUARE FEET OF ROOF AREA MAY DRAIN TO EACH SPLASH BLOCK. EACH SPLASH CORRESPONDS WITH ITS OWN ROOF AREA LETTERING. (I.E. SPLASH BLOCK A CORRESPONDS TO ROOF AREA A.)

- ROOF AREA A = 542 SF. (REQUIRED # OF SPLASH BLOCKS = 1)
- ROOF AREA B = 533 SF. (REQUIRED # OF SPLASH BLOCKS = 1)
- ROOF AREA C = 345 SF. (REQUIRED # OF SPLASH BLOCKS = 1)
- ROOF AREA D = 30 SF. (REQUIRED # OF SPLASH BLOCKS = 1)
- ROOF AREA E = 213 SF. (REQUIRED # OF SPLASH BLOCKS = 1)
- ROOF AREA F = 215 SF. (REQUIRED # OF SPLASH BLOCKS = 1)
- ROOF AREA G = 215 SF. (REQUIRED # OF SPLASH BLOCKS = 1)
- ROOF AREA H = 700 SF. (REQUIRED # OF SPLASH BLOCKS = 1)

PROPOSED INFILTRATION ROOF AREA = 1,272 SF.± (SEE DRAINAGE PLAN)
INFILTRATION TRENCH WAS SIZED PER WWHM3, REFER TO DRAINAGE REPORT FOR CALCULATIONS. A MINIMUM 44'X7' SF. INFILTRATION IS NEEDED.

OFF-SITE ANALYSIS AND MITIGATION

TOTAL AREA OF THE SITE = 10.72 AC.
TOTAL DEVELOPMENT SITE = 0.283 AC. (~12,081 SF.)

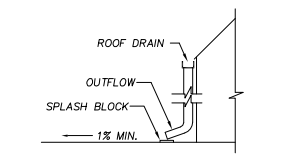
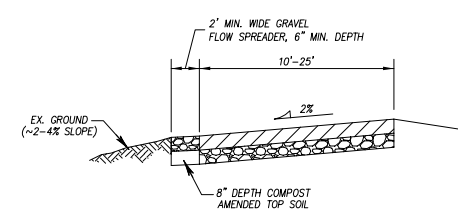
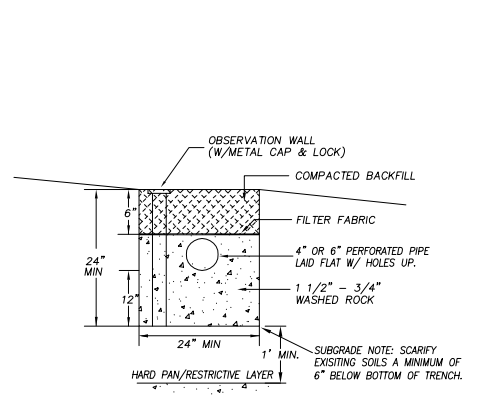
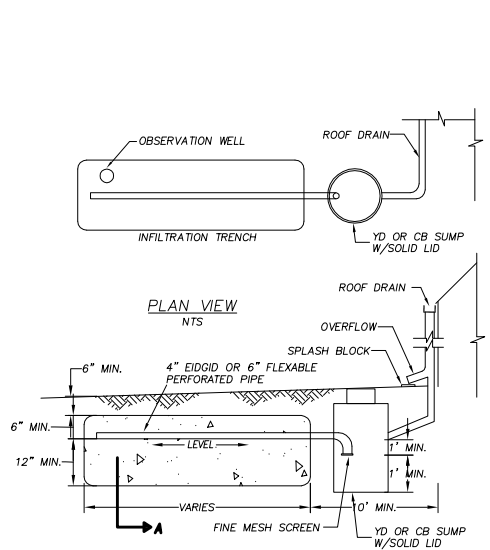
*SITE EXISTS AS 100% FOREST AND/OR NATIVE VEGETATION.

DEVELOPED:
IMPERVIOUS AREA:
PROP. SFR ROOF = 4,065 SF.
PROP. WALKWAYS = 76 SF.
PROP. DRIVEWAY = 1,881 SF.
TOTAL = 6,022 SF. (0.138 AC.)

PERVIOUS AREA:
10.72 AC. (TOTAL) - 0.138 AC. (IMP) = 10.582 AC.

FISH BUFFER EFFECTIVE IMPERVIOUS AREA CALCULATIONS:

AREA OF PROPERTY WITHIN FISH BUFFERS = 295,779 SF.
10% EFFECTIVE IMPERVIOUS AREA ALLOWED = 29,578 SF.
DESIGN IMPERVIOUS PERCENTAGE = 2.03% (6,022 SF)



LEGEND

- PROPOSED DRIVEWAY
- EX. GRAVEL DRIVEWAYS
- EDGE OF WETLAND BUFFER
- STREAM
- PROPERTY LINE
- ADJACENT PROPERTY LINE
- EASEMENT LINE
- CONTOURS
- STORM CONVEYANCE SYSTEM
- SEPTIC DRAINFIELD PIPING
- DRAINAGE FLOW PATTERN

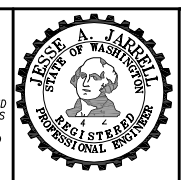
TYPICAL DOWNSPOUT INFILTRATION TRENCH DETAIL:
NOT TO SCALE

SECTION A NOTES:
1. TRENCHES MAY BE LAID PARALLEL TO EACH OTHER PROVIDED A MINIMUM SEPARATION OF 5- FEET IS PROVIDED BETWEEN EACH TRENCH.

UTILITY CONFLICT NOTE:

CAUTION:
THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE LOCATION, DIMENSION, AND DEPTH OF ALL EXISTING UTILITIES WHETHER SHOWN ON THESE PLANS OR NOT, BY POT-HOLING THE UTILITIES AND SURVEYING THE HORIZONTAL AND VERTICAL LOCATION PRIOR TO CONSTRUCTION. THIS SHALL INCLUDE CALLING UTILITY LOCATE @ 1-800-424-5555 AND THEN POT-HOLING ALL OF THE EXISTING UTILITIES AT LOCATIONS OF NEW UTILITY CROSSINGS TO PHYSICALLY VERIFY WHETHER OR NOT CONFLICTS EXIST. LOCATIONS OF SAID UTILITIES AS SHOWN ON THESE PLANS ARE BASED UPON THE UNVERIFIED PUBLIC INFORMATION AND ARE SUBJECT TO VARIATION. IF CONFLICTS SHOULD OCCUR, THE CONTRACTOR SHALL CONSULT WESTERN ENGINEERS, INC. TO RESOLVE ALL PROBLEMS PRIOR TO PROCEEDING WITH CONSTRUCTION.

CALL 48 HOURS BEFORE YOU DIG
1-800-424-5555



Western Engineers, Inc. (425) 356-2700
SURVEYORS • PLANNERS • ENGINEERS
LAND USE CONSULTANTS
CIVIL ENGINEERS • LAND SURVEYORS
*** 13000 HWY 99 SOUTH • EVERETT • WA • 98204 ***

SNOHOMISH COUNTY
PLANNING AND DEVELOPMENT SERVICES
APPROVED FOR CONSTRUCTION

BY: FOR RANDOLPH R. SLEIGHT, P.E., P.L.S.
R/W PERMIT NUMBER:

DRAINAGE PLAN FOR:

NE 1/4, NE 1/4, SEC.15, T.29N., R.6E., W.M.
SNOHOMISH COUNTY, WASHINGTON

DRAWN BY	DATE	REV. BY	DATE	PROJECT MANAGER	SCALE
BRC	03-22-14	01 JAJ	05-15-14	J. JARRELL	1"=30'
DRAWING FILE NAME	CHK. BY	F.B. NO.	JOB NO.	SHT. NO.	
14303ABASE.DWG	JAJ	-	14-1303-A	2 of 2	