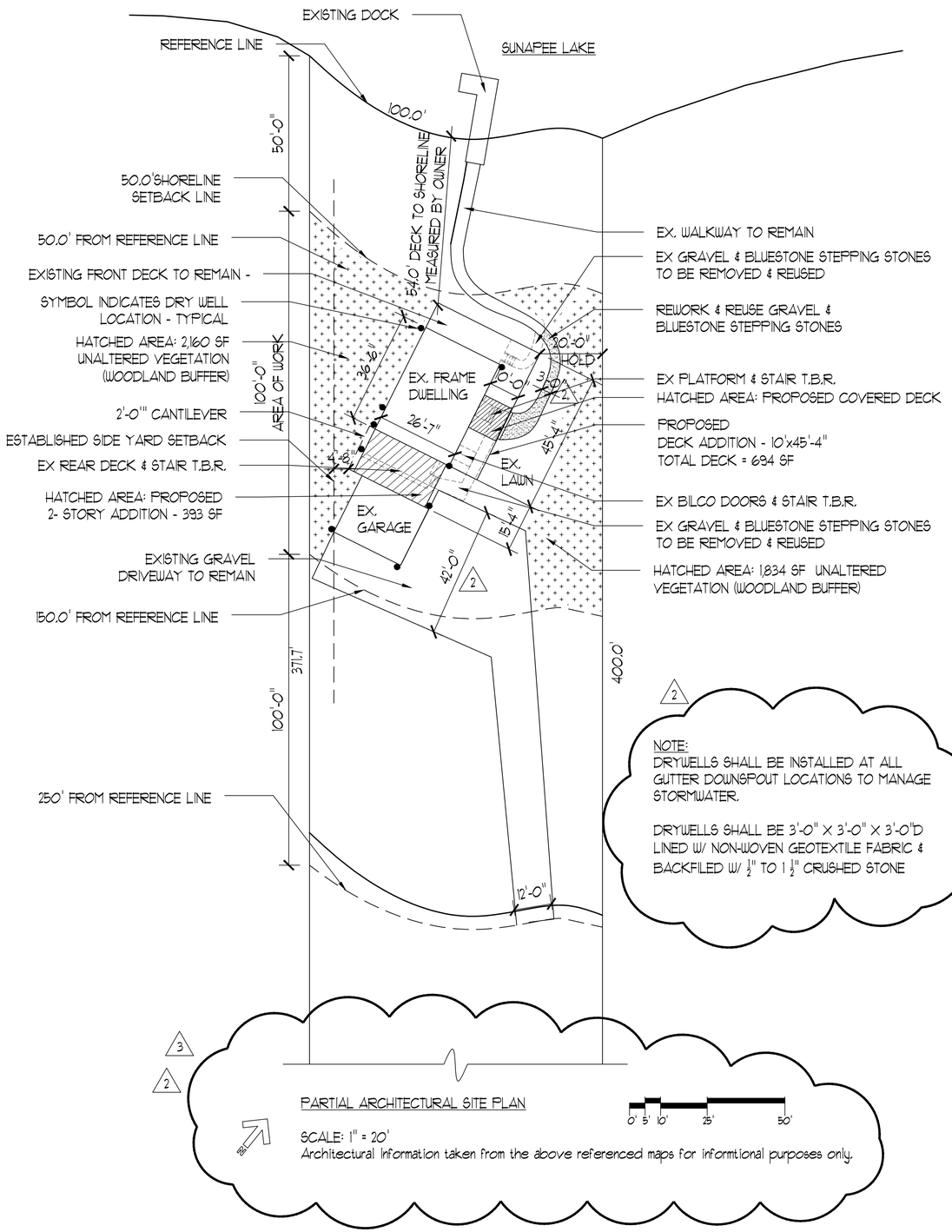


2

NOTE:
DRYWELLS SHALL BE INSTALLED AT ALL GUTTER DOWNSPOUT LOCATIONS TO MANAGE STORMWATER.

DRYWELLS SHALL BE 3'-0" X 3'-0" X 3'-0"D LINED W/ NON-WOVEN GEOTEXTILE FABRIC & BACKFILED W/ ¾" TO 1 ½" CRUSHED STONE

3
2

PARTIAL ARCHITECTURAL SITE PLAN

SCALE: 1" = 20'
Architectural information taken from the above referenced maps for informtional purposes only.

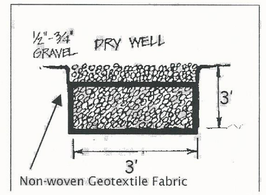
0' 5' 10' 25' 50'

2

Installation

1. Drywells should measure about 3' x 3' x 3', be lined with non-woven geotextile fabric and back-filled with 1/2" to 1½" crushed stone.

2. Slope the bottom of the drywell away from the house so that water does not drain towards the foundation. Make sure to dispose of the removed soil in areas where it will not wash into lakes and streams.



3. Extend the life of the dry well by lining the sides with non-woven geotextile fabric and filling to within 3" of the ground level with stone. Fold a flap of filter fabric over the top of the dry well and top off with additional stone.

4. Direct gutter downspout to the drywell.

Note: Drywells work best in sand and gravelly soils that can quickly disperse a large volume of water. They should not be used on structures with improperly sealed foundations, as flooding may result. If flooding is of concern, place the drywell 6' away from the base of the foundation.

Maintenance

To maintain these structures, periodically remove accumulated debris and weeds from the surface. Non-woven geotextile fabric will extend the life of these structures, however, they will eventually clog over time and the stone will need to be removed and washed to clean out the accumulated sediment and debris.

Impervious Area Calculations

Area of site within 250 ft. = 23,584 sf

Area of site b/w 50-150 ft = 9,430 sf

Pre-Construction	
Ex. First Floor footprint	966
Ex. Garage	487
Ex. Rear Deck & Stair	236
Ex. Front Deck & Stair	244.5
Ex. Bilco Doors	30
Ex. Entry Platform & Stair	31
Ex. Walkway-deck to door	139
Ex. Walkway to docks	314
Ex. Driveway	3,254
Total = 5,701.5/23,584	**24.2%**

Post Construction	
Ex. Driveway	3,254
Ex. Garage	487
First Floor Footprint	1,359
Deck	694
Walkway to Dock	434
Total = 6,228/23,584	**26.4%**

3

NOTE:

REWORKING AND EXTENSION OF EXISTING PATHWAY WITHIN THE WATERFRONT BUFFER SHALL BE IN ACCORDANCE WITH STORM WATER & EROSION OCNTROL DESIGN STANDARDS CONTAINED IN THE NEW LONDON LAND SUBDIVISION CONTROL REGULATIONS DATED OCTOBER 23, 2007.

THE POST DEVELOPMENT TOTAL RUNOFF VOLUME SHALL NOT EXCEED THE PRE DEVELOPMENT TOTAL RUNOFF VOLUME

BASE FLOOD ELEVATION: 1095 FT.
REFERENCE LINE: 1093.151 FT. ABOVE SEA LEVEL

3 REV. 11.14.15 - REV. PER BD
2 REV. 11.19.15 - DRIVEWAY, WALKWAY, DRYWELLS
1 REV. 11.6.15 - SITE PLAN

DRAWINGS

ARCHITECTURAL SITE PLAN
DRY WELL DETAIL
IMPERVIOUS CALCULATIONS

PROJECT:

PROPOSED ADDITION/ALTERATION
DR. CHRISTOPHER ALEPA
178 POOR RD.
NEW LONDON, NH

SCALE: 1/4"=1'-0"
DATE: 11.4.15
DWG NO.
SITE-1
SHEET 1 OF 7