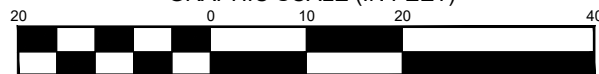


GRAPHIC SCALE (IN FEET)



1 inch = 20 ft.



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# Site Plan

## 1407 N 14th Street

### Nashville, Davidson County, Tennessee

Drafted By: MH

Sheet No.

V-2.1

USE EXISTING DRIVEWAY AS  
CONSTRUCTION ENTRANCE

N 14TH STREET  
(50' R.O.W.)

SEWER MANHOLE  
TC=518.46

N6°55'10"E 45.00

27.2'

EXISTING  
RESIDENCE

S82°55'33"E 150.00

DEMO PORTION OF EXISTING BUILDING  
(COORDINATE WITH METRO CODES)

INSTALL NEW SILT FENCE  
(SEE METRO BMP FOR DETAILS)

N82°55'33"W 150.00

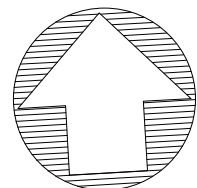
S6°55'10"W 45.00

(07214018300)  
1407 N 14TH ST

(07214019300)  
1407 DOUGLAS AVE

(07214018100)  
1401 DOUGLAS AVE

(07214019400)  
1403 DOUGLAS AVE



GRAPHIC SCALE (IN FEET)



1 inch = 20 ft.



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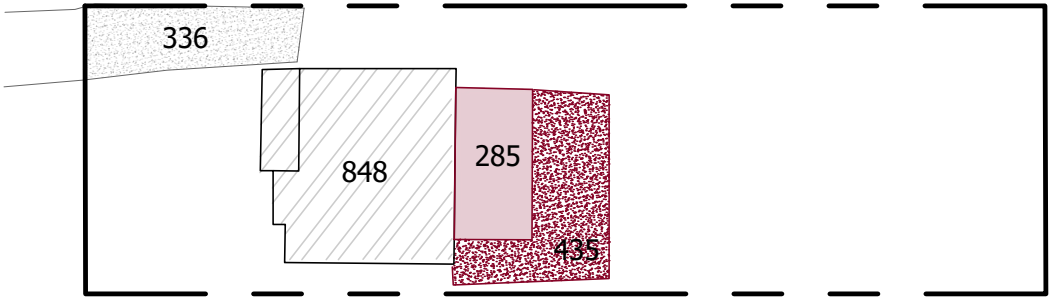
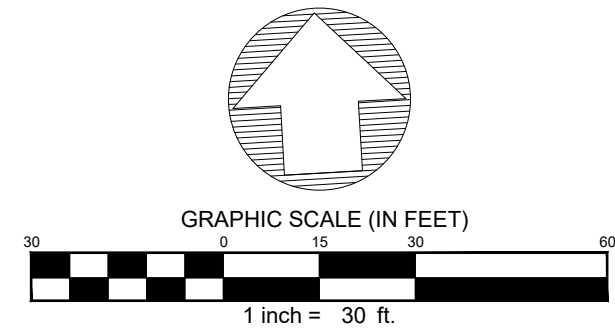


**EPSC Plan**  
**1407 N 14th Street**  
**Nashville, Davidson County, Tennessee**

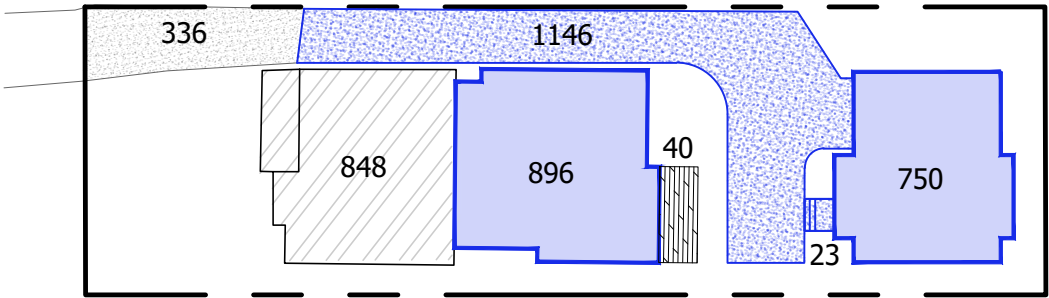
Sheet No.

V-2.2

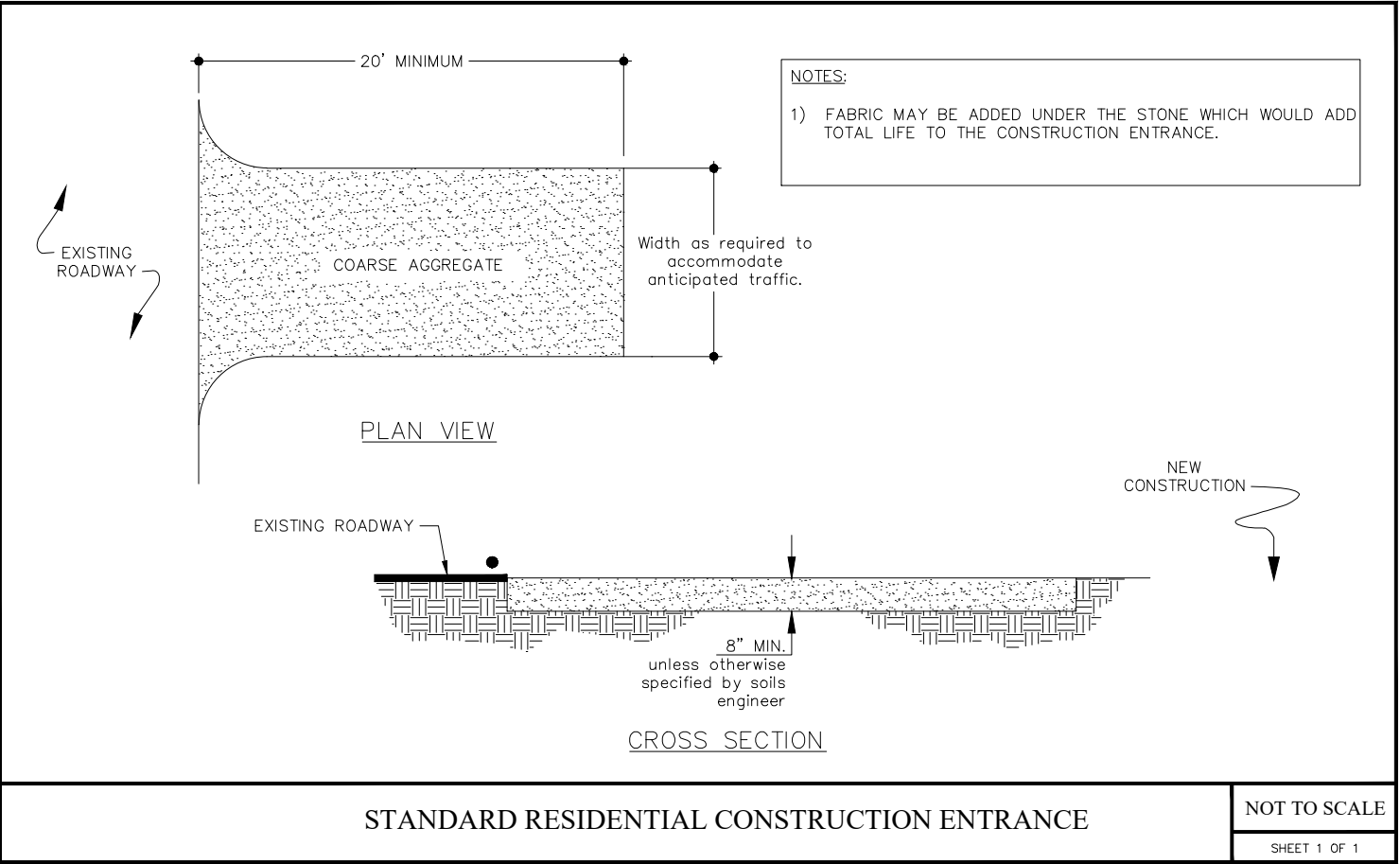
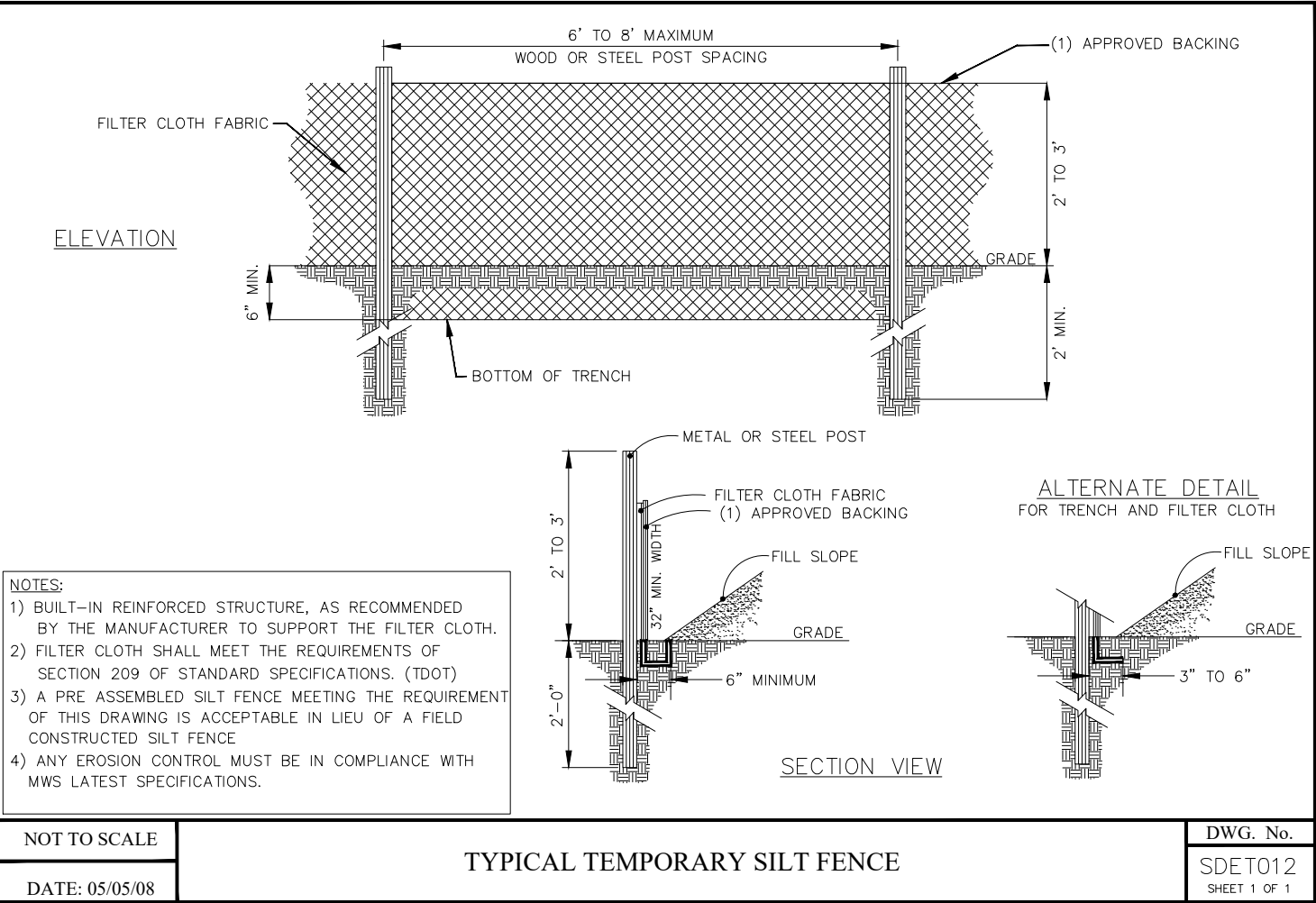
<b>SITE DATA: PRE-DEVELOPMENT</b>	
Total Site Area	6,750 SF
<b>PRE-DEVELOPMENT IMPERVIOUS: 1,904 SF</b>	
Buildings	1,133 SF
Parking/Drives	336 SF
Walks/Misc Pads	435 SF
<b>SITE DATA: POST-DEVELOPMENT</b>	
Total Site Area	6,750 SF
<b>POST-DEVELOPMENT IMPERVIOUS: 4,039 SF ( 59.8% )</b>	
Buildings	2,494 SF
Parking/Drives	1,482 SF
Walks/Misc Pads	63 SF
<b>POST- IMPERVIOUS NET GAIN: 2,135 SF ( TIER I )</b>	
<b>STORMWATER NET GAIN TREATMENT</b>	
Total Site Area	6,750 SF
<b>POST-DEVELOPMENT STORMWATER TREATMENT: 2,135 SF</b>	
RAIN GARDEN Required: 107 SF @ 30" Lower Stone Depth	



PRE-DEVELOPMENT



POST-DEVELOPMENT



**SITE GRADING & EROSION CONTROL NOTES**

1. NO PORTION OF THE PROPERTY SHOWN LIES WITHIN A 100 YEAR FLOOD HAZARD AREA AS PER THE CURRENNT FEDERAL EMERGENCY MANAGEMENT AGENCY, (FIRM) MAP.
2. CLEAN SILT BARRIERS WHEN THEY ARE APPROXIMATELY 33% FILLED WITH SEDIMENT, SILT BARRIERS SHALL BE REPLACED AS EFFECTIVENESS IS SIGNIFICANTLY REDUCED, OR AS DIRECTED BY THE OWNER'S REPRESENTATIVE.
3. REMOVE THE TEMPORARY EROSION AND WATER POLLUTION CONTROL DEVICES ONLY AFTER A SOLID STAND OF GRASS HAS BEEN ESTABLISHED ON GRADED AREAS AND WHEN THEY ARE NO LONGER NEEDED.
4. PROVIDE TEMPORARY CONSTRUCTION ACCESS(ES) AT THE POINT(S) WHERE CONSTRUCTION VEHICLES EXIT THE CONSTRUCTION AREA. MAINTAIN PUBLIC ROADWAYS FREE OF TRACKED MUD AND DIRT.
5. PROVIDE POSITIVE SLOPE (2% MINIMUM) TO DRAIN ALL BALCONIES, DECKS, PATIOS, WALL(S), DRIVEWAYS, GRADE ADJACENT TO BUILDINGS, AND SWALES REGARDLESS WHETHER PLANS GRAPHICALLY PORTRAY OR INDICATE SLOPE. FINAL CONSTRUCTION SHALL NOT PERMIT PONDING OF WATER IN ANY OF FOREGOING AREAS.



IF YOU DIG IN TENNESSEE...  
CALL US FIRST!  
1-800-351-1111  
1-615-366-1987  
TENNESSEE ONE CALL  
IT'S THE LAW

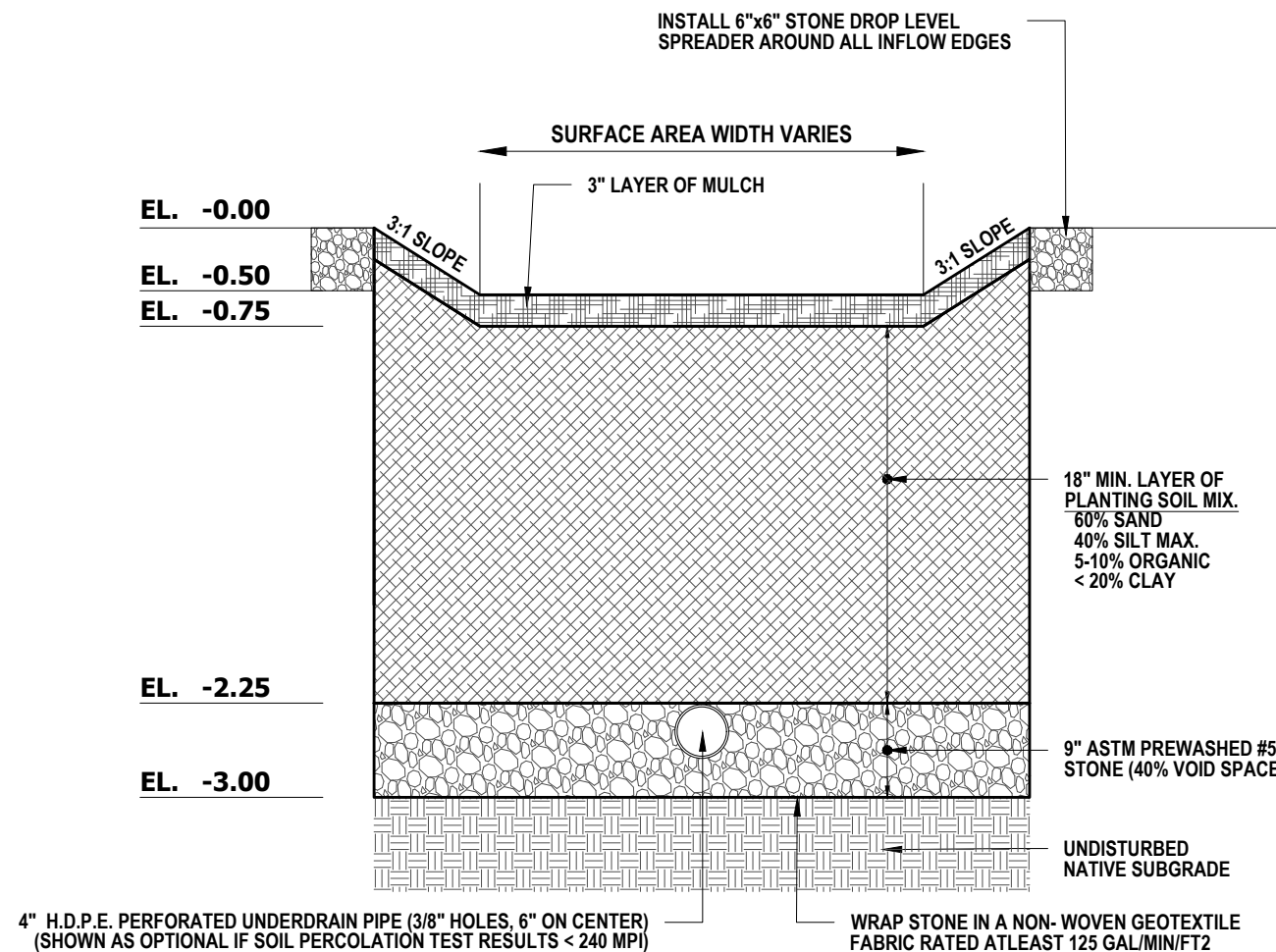


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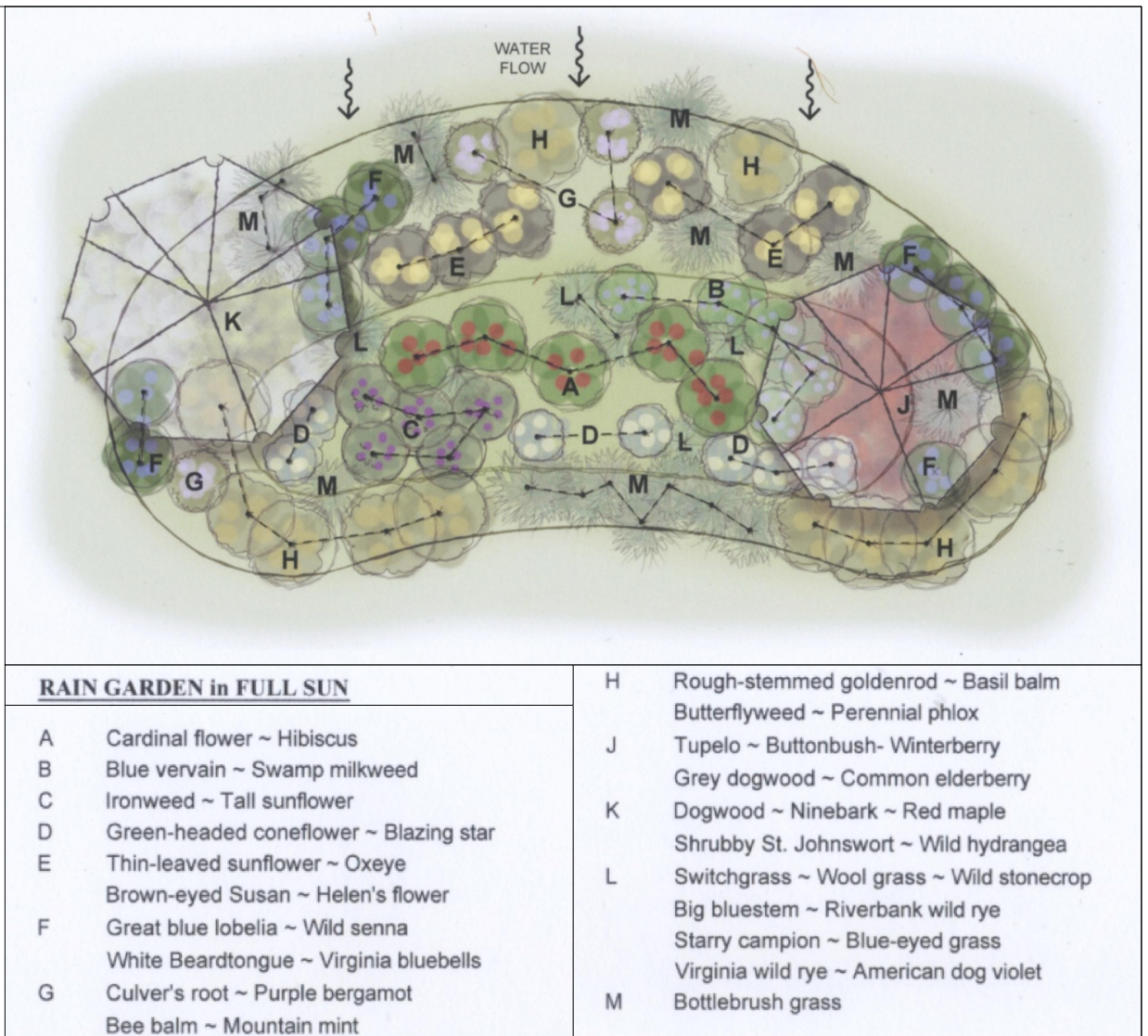
**Site Details**  
**1407 N 14th Street**  
**Nashville, Davidson County, Tennessee**

Sheet No.  
**V-2.4**





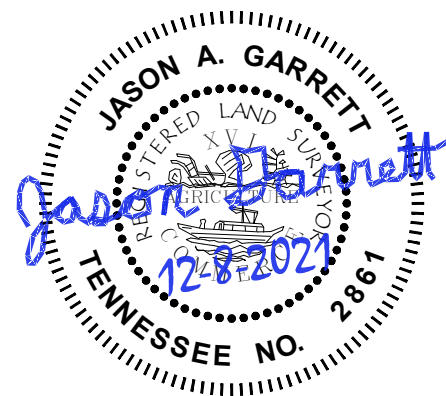
RAIN GARDEN CROSS SECTION



RAIN GARDEN TYPICAL PLANTING SCHEDULE



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**Stormwater Details**  
1407 N 14th Street  
Nashville, Davidson County, Tennessee

Sheet No.  
**V-2.5**

SKETCH LAYOUT  
PROVIDE PLAN VIEWS OF RAIN GARDEN AND HOUSE SHOWING DRAINAGE AREA  
DIRECTED TO RAIN GARDEN AND KEY DIMENSIONS AND OVERFLOW AREA RELATIVE TO  
PROPERTY LINE.

RAIN GARDEN

SIZING CALCULATION:

Contributing Drainage Area (square feet)	Depth of Amended Soil (inches)			
	18	24	30	36
	Area of Rain Garden (square feet)			
100	6.6	5.7	5.1	4.6
500	35	30	25	23
1000	65	60	50	45
2000	135	115	100	90
3000	200	170	150	140
4000	260	230	200	185
5000	330	290	255	230

MEASURE CONTRIBUTING DRAINAGE AREA AND READ  
AREA FOR GIVEN MEDIA DEPTH.

CONTRIBUTING DRAINAGE AREA= 2135 SQ FT  
DEPTH OF SOIL MEDIA= 30 INCHES  
AREA OF RAIN GARDEN= 107 SQ FT

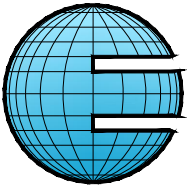
MAINTENANCE:

1. IRRIGATE VEGETATION AS NEEDED  
IN FIRST SEASON
2. REMOVE WEEDS
3. REPLACE UNSUCCESSFUL  
PLANTINGS
4. REPLENISH MULCH
5. REPAIR ERODED AREAS
6. RAKE CLOGGED SURFACE TO  
RESTORE INFILTRATION
7. MONITOR RAIN GARDEN FOR  
APPROPRIATE DRAINAGE TIMES  
IF GARDEN DOES NOT DRAIN AN  
UNDERDRAIN MAY BE NECESSARY

METRO NASHVILLE  
DEPARTMENT OF  
WATER SERVICES

ATTACHED THIS TWO-PAGE  
SPECIFICATION TO HOUSE  
PLAN SUBMITTAL

RAIN GARDEN  
SPECIFICATIONS  
PAGE 2 OF 2



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ELLIOTT  
SURVEY

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Stormwater Details  
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Sheet No.

V-2.6