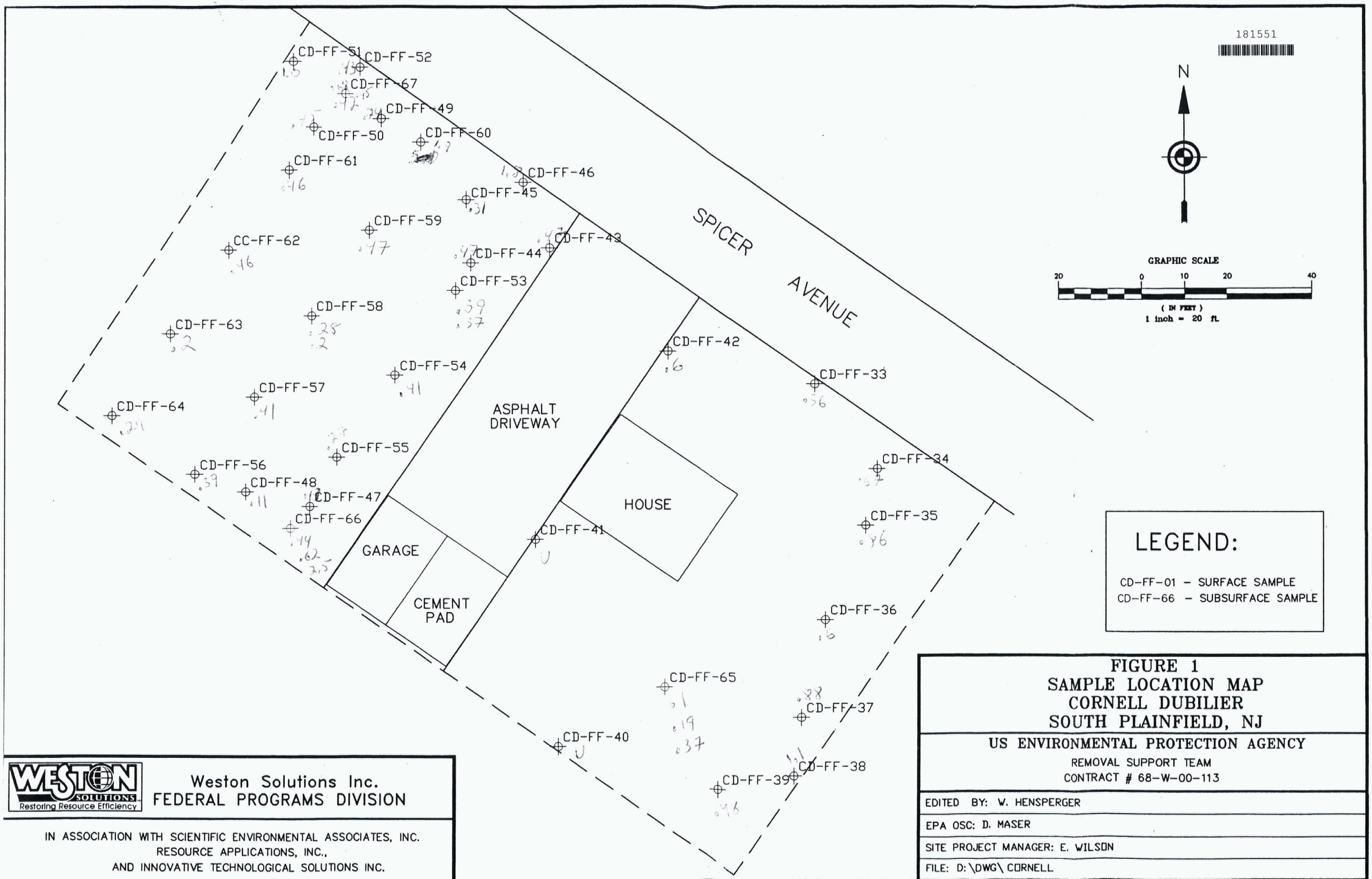
181551



LEGEND:

CD-FF-01 – SURFACE SAMPLE
CD-FF-66 – SUBSURFACE SAMPLE

FIGURE 1
SAMPLE LOCATION MAP
CORNELL DUBILIER
SOUTH PLAINFIELD, NJ

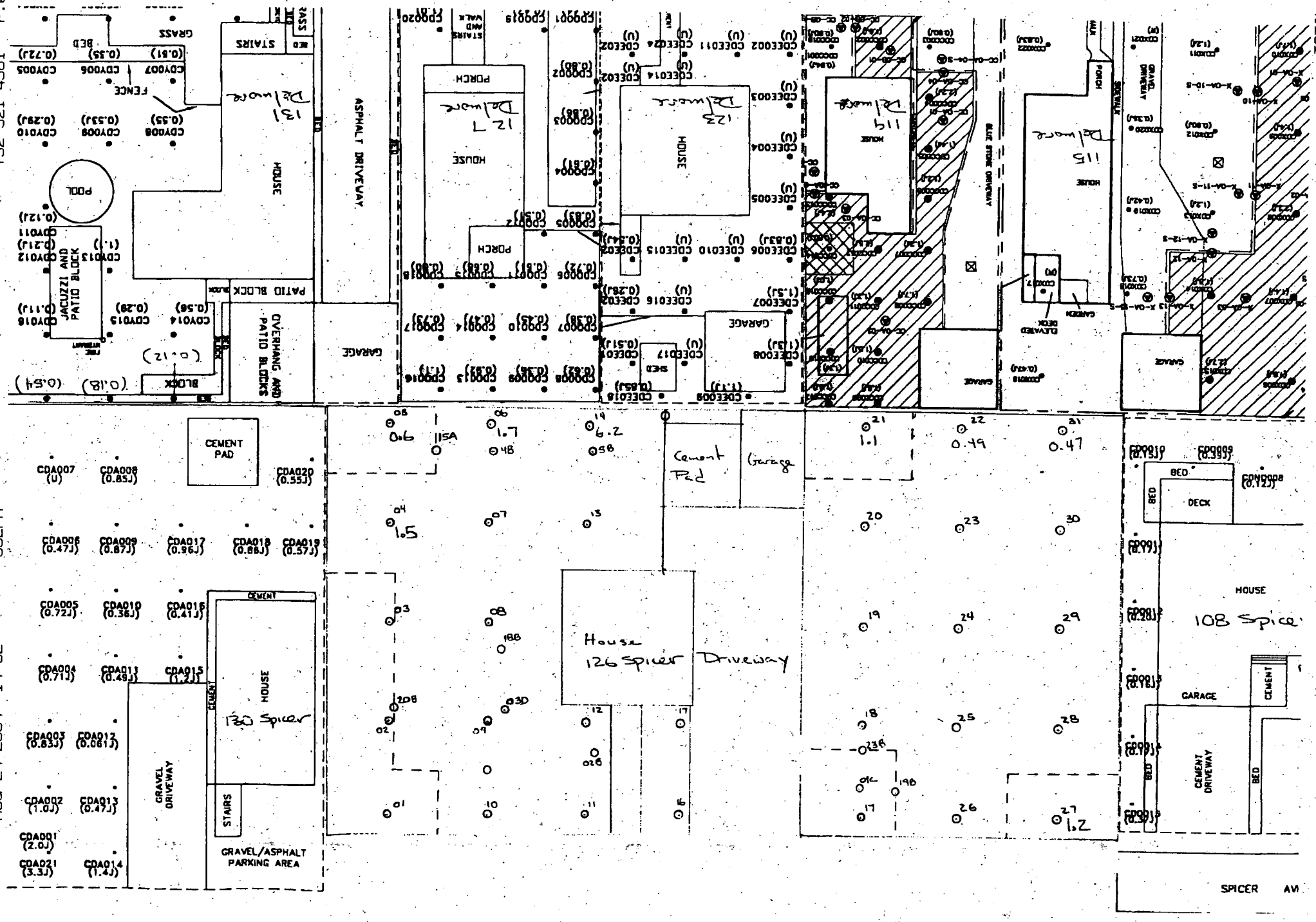
US ENVIRONMENTAL PROTECTION AGENCY
REMOVAL SUPPORT TEAM
CONTRACT # 68-W-00-113

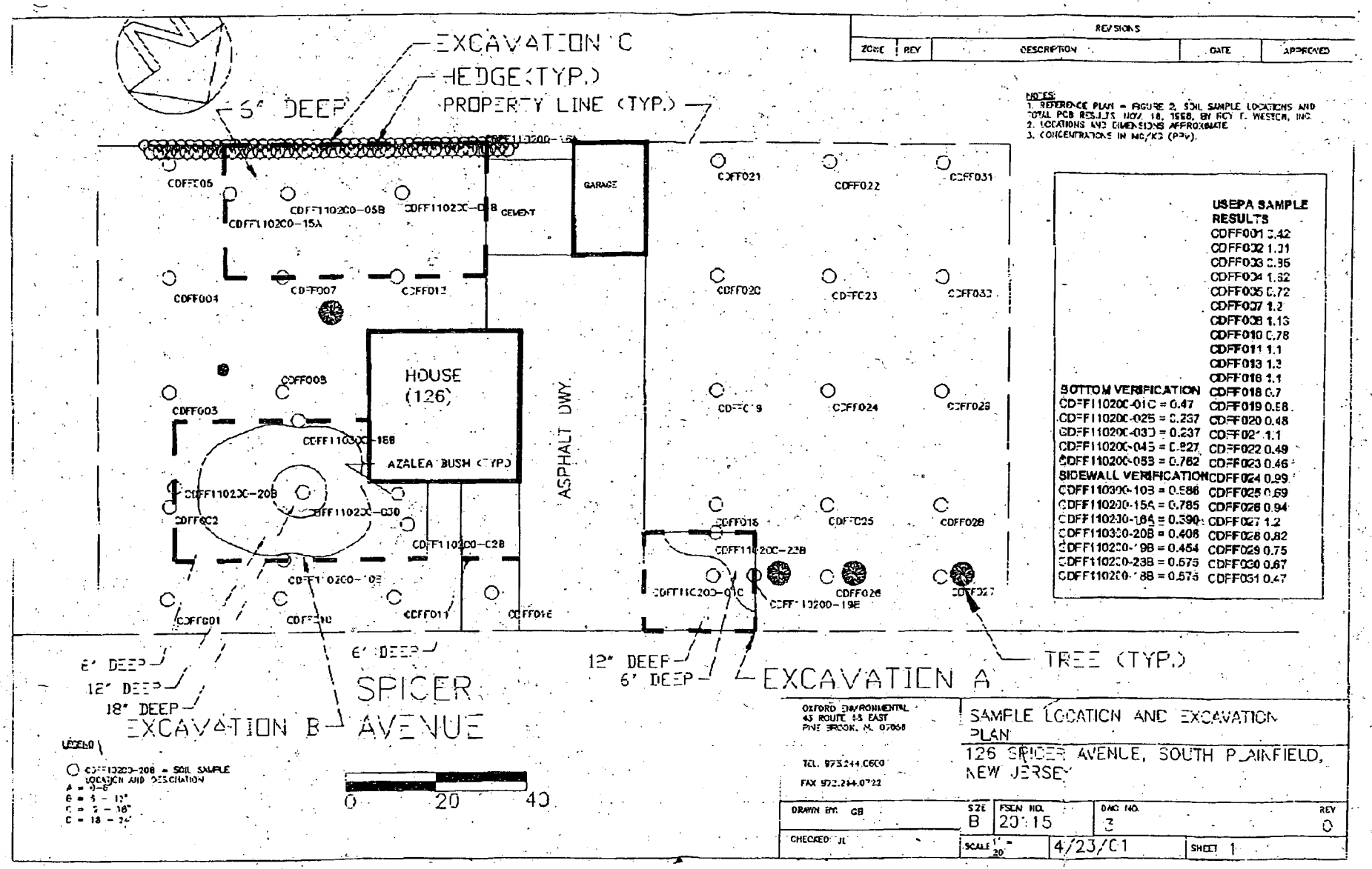
EDITED BY: W. HENSPERGER
EPA OSC: D. MASER
SITE PROJECT MANAGER: E. WILSON
FILE: D:\DWG\ CORNELL

WESTON SOLUTIONS
Restoring Resource Efficiency

Weston Solutions Inc.
FEDERAL PROGRAMS DIVISION

IN ASSOCIATION WITH SCIENTIFIC ENVIRONMENTAL ASSOCIATES, INC.
RESOURCE APPLICATIONS, INC.,
AND INNOVATIVE TECHNOLOGICAL SOLUTIONS INC.


CEMENT PAD
CDA007 (U)
CDA008 (0.85J)
CDA020 (0.55J)
CDA006 (0.47J)
CDA009 (0.87J)
CDA017 (0.96J)
CDA018 (0.86J)
CDA019 (0.57J)
CDA005 (0.72J)
CDA010 (0.36J)
CDA016 (0.41J)
CDA004 (0.71J)
CDA011 (0.49J)
CDA015 (1.2J)
CDA003 (0.83J)
CDA012 (0.061J)
CDA002 (1.0J)
CDA013 (0.47J)
CDA001 (2.0J)
CDA021 (3.3J)
CDA014 (1.4J)
GRAVEL DRIVEWAY
STAIRS
HOUSE
130 Spicer
CEMENT
GRAVEL/ASPHALT PARKING AREA
House 126 Spicer
Driveway
Cement Pad
Garage
HOUSE
108 Spicer
GARAGE
CEMENT
CEMENT DRIVEWAY
BED
DECK
SPICER AV



NOTES:
1. REFERENCE PLAN - FIGURE 2, SOIL SAMPLE LOCATIONS AND TOTAL PCB RESULTS NOV. 18, 1998, BY ROY F. WESTON, INC.
2. LOCATIONS AND DIMENSIONS APPROXIMATE
3. CONCENTRATIONS IN MG/KG (PPM).

USEPA SAMPLE RESULTS	
	CDFF001 0.42
	CDFF002 1.01
	CDFF003 0.95
	CDFF004 1.32
	CDFF005 0.72
	CDFF007 1.2
	CDFF008 1.13
	CDFF010 0.78
	CDFF011 1.1
	CDFF013 1.3
	CDFF016 1.1
BOTTOM VERIFICATION	CDFF018 0.7
CDFF110200-01C = 0.47	CDFF019 0.68
CDFF110200-025 = 0.237	CDFF020 0.48
CDFF110200-03D = 0.237	CDFF021 1.1
CDFF110200-045 = 0.827	CDFF022 0.49
CDFF110200-053 = 0.782	CDFF023 0.46
SIDEWALL VERIFICATION	CDFF024 0.99
CDFF110200-10B = 0.586	CDFF025 0.69
CDFF110200-15A = 0.785	CDFF026 0.94
CDFF110200-18A = 0.390	CDFF027 1.2
CDFF110200-20B = 0.408	CDFF028 0.82
CDFF110200-19B = 0.454	CDFF029 0.75
CDFF110200-23B = 0.575	CDFF030 0.67
CDFF110200-18B = 0.575	CDFF031 0.47

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED

LEGEND
CDFF110200-20B = SOIL SAMPLE LOCATION AND DESIGNATION
A = 0-6"
B = 6 - 12"
C = 12 - 18"
D = 18 - 24"

OXFORD ENVIRONMENTAL
45 ROUTE 46 EAST
PINE BROOK, N.J. 07058
TEL. 973.244.0600
FAX 973.244.0722

SAMPLE LOCATION AND EXCAVATION PLAN
126 SPICER AVENUE, SOUTH PLAINFIELD, NEW JERSEY

DRAWN BY: GB	SIZE B	FSEN NO. 20115	DWG NO. 3	REV 0
CHECKED: JL	SCALE 1" = 20'	4/23/01	SHEET 1	

Volume of excavation

$A_{0-6} = 6069\ ft^2\ (0.5) =$ 3034 ft^3

$A_{6-12} = \pi\ 20^2\ (0.5) =$ 628

$A_{12-18} = \pi\ 12^2\ (0.5)$ 226

3888 ft^3

$B_1 = 25 \times 20 \times 1 =$ 500 ft^3

$B_2 = 15 \times 8 \times 1 =$ 240 ft^3

C_1 $28 \times 16 \times 0.5 =$ 224

C_2 $15 \times 15 \times 0.5 =$ 120

D $28 \times 17 \times 1$ 476

Total 5488 ft^3

202 CY in place

250 CY

375 tons

25% expansion

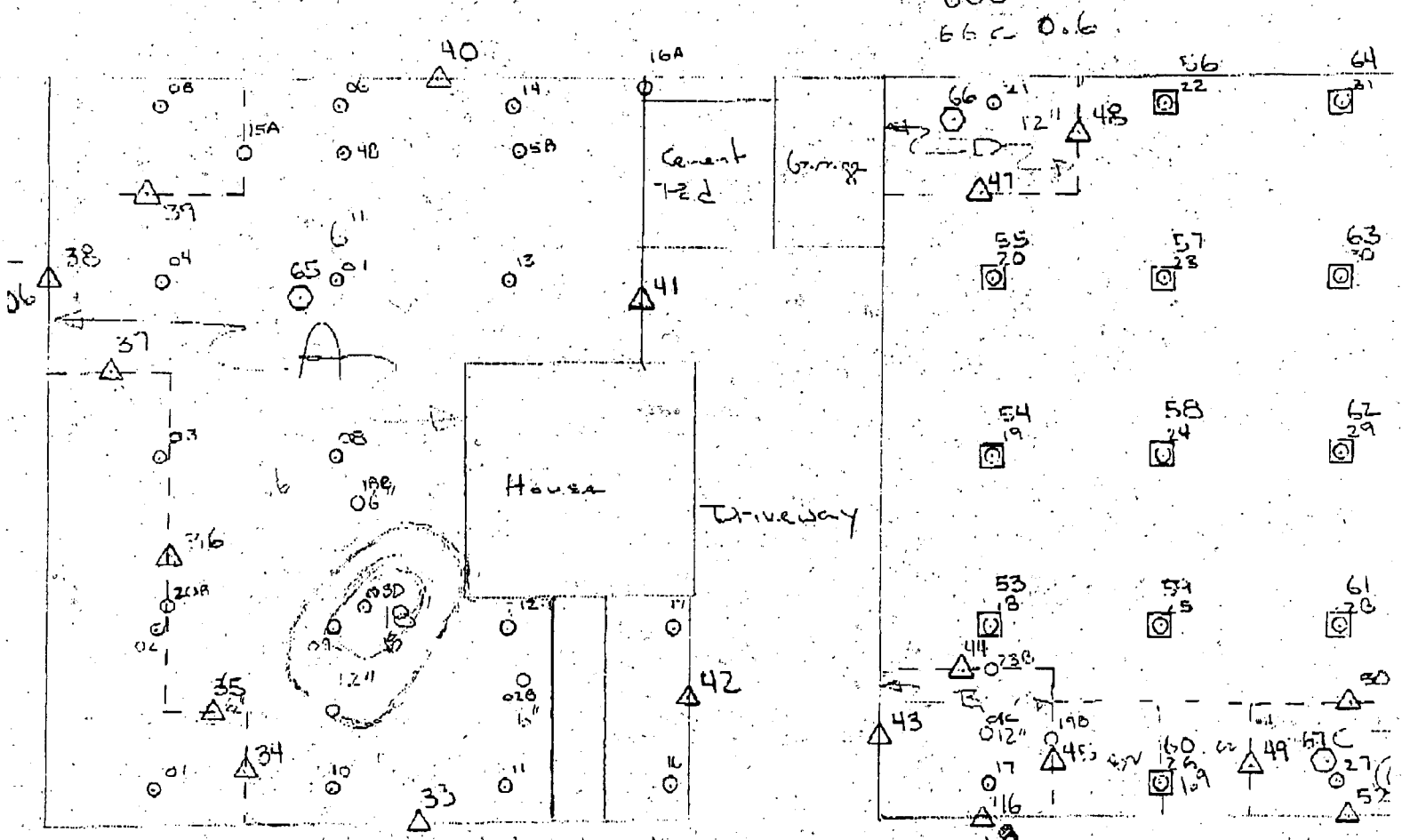
@ 1.5 tons / CY

Area ~ 8000 sq ft

Volume calculation

Figure 2

Sample Location Plan for 12/02/03



△ Proposed sidewall sampling locations
○ Proposed bottom sampling locations
⊡ Previously sampled to be resampled

Scale 1" = 20'