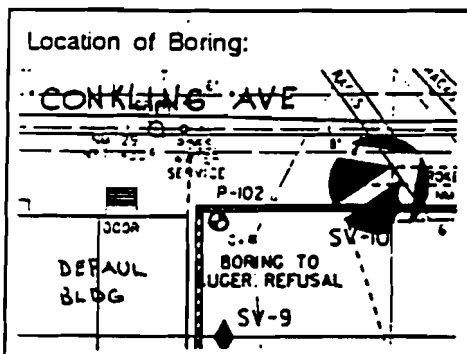


MONITORING WELL CONSTRUCTION DIAGRAMS

P-102	P-105	P-108
P-101 D	P-106 D	
P-101 S	P-106 S	
P-103	P-107 D	
P-104	P-107 S	

SOIL BORING LOG

 Project: Primoshield, East Utica, New York

 Date Started: 02/03/93 Time: 1030

 Boring No.: P102

 Date Completed: 02/04/93 Time: 1100

 Ground Elevation: ~525 feet

 Total Depth: 39 feet

 Drilling Method(s): Hollow Stem
Auger 4 1/2" ID

Hole/Casing Size(s): _____

Boring Depth (ft)	Sample Depth (ft)	Sample No.	Blows per 6 inches	Recovered (in)	Unified Soil Classification	Sampling Method(s): Split Spoon		
						Sampling Dimensions: 1 3/8" x 24" Hammer Weight/Drop: 140 lb./30 in.		
						Surface Conditions: Gravel		
SOIL DESCRIPTION						PID (ppm)	REMARKS	
1		1	54/4	5		dense brown GRAVEL, some CLAY, STONE, tr. CINDERS (FILL)	BG	
2								
3		2	6	20		brown SILT, tr. SAND, some CLAY	BG	
4			10					
			10					
			16					
5		3	4	22		light brown Clayey SILT with some SAND and STONE	BG	
6			13					
			14					
			24					
7		4	7	23		dense grey Clayey SILT, lt. brown Clayey SILT and SAND, some STONE	BG	
			32					
			23					
8			48					

SOIL BORING LOG

(Continued)

Project: Primoshield, East Utica, New York

Boring No.: P102

Boring Depth (ft)	Sample Depth (ft)	Sample No.	Blows per 6 inches	Recovered (in)	Unified Soil Classification	Sampling Method(s): Split Spoon		
						Sampling Dimensions: 1 1/4" x 24" Hammer Weight/Drop: 140 lb./30 in.		
						Surface Conditions: Gravel		
SOIL DESCRIPTION						PID (ppm)	REMARKS	
9		5	13	20		grey-brown Clayey SILT and SAND with sm.-lg. STONE (spoon wet)	BG	
			24					
			30					
			33					
10		6	18	24		grey Clayey SILT with sm.-lg. STONE	BG	
20								
24								
26								
11		7	11	23		grey and lt. brown Clayey SILT, some STONE (10" wet)	BG	
12			26					
13			30					
14			32					
15		8	12	21		grey Clayey SILT with STONE	BG	
16			23					
17			30					
18			29					
19		9	12	24		grey Clayey SILT with some fine SAND, sm.-lg. STONES	BG	
20			22					
21			29					
22			37					
23		10	7	18		greyish brown Clayey SILT with sm.-lg. STONES	BG	
24			16					
25			27					
26			28					

SOIL BORING LOG

(Continued)

Project: Primoshield, East Utica, New York

Boring No.: P102

Boring Depth (ft)	Sample Depth (ft)	Sample No.	Blows per 6 inches	Recovered (in)	Unified Soil Classification	Sampling Method(s): Split Spoon		
						Sampling Dimensions: 1½" x 24" Hammer Weight/Drop: 140 lb./30 in.		
Surface Conditions: Gravel						SOIL DESCRIPTION	PID (ppm)	REMARKS
21		11	5 13 14	23		greyish brown Silty CLAY with sm.-lg. STONE	BG	
22			24			med. brown Silty CLAY with sm.-lg. STONE	BG	
23		12	14 15 17	10				
24			25					
25		13	7 13 29	18		med. brown Silty CLAY with sm.-lg. STONE	BG	
26			50/2			grey-brown Clayey SILT, some SAND. STONE (partially wet)	BG	
27		14	36 50/4	12				
28								
29		15	41 48 50/5	16		grey-brown SAND and SILT with STONE	BG	
30						grey and red Silty CLAY with sm.-lg. STONE (wet)	NST	Sample to Lab 0848 on 2/4/93 VOA, SV, Pest/ PCB, M*, CN
31		16	21 50/5	10				
32								

SOIL BORING LOG

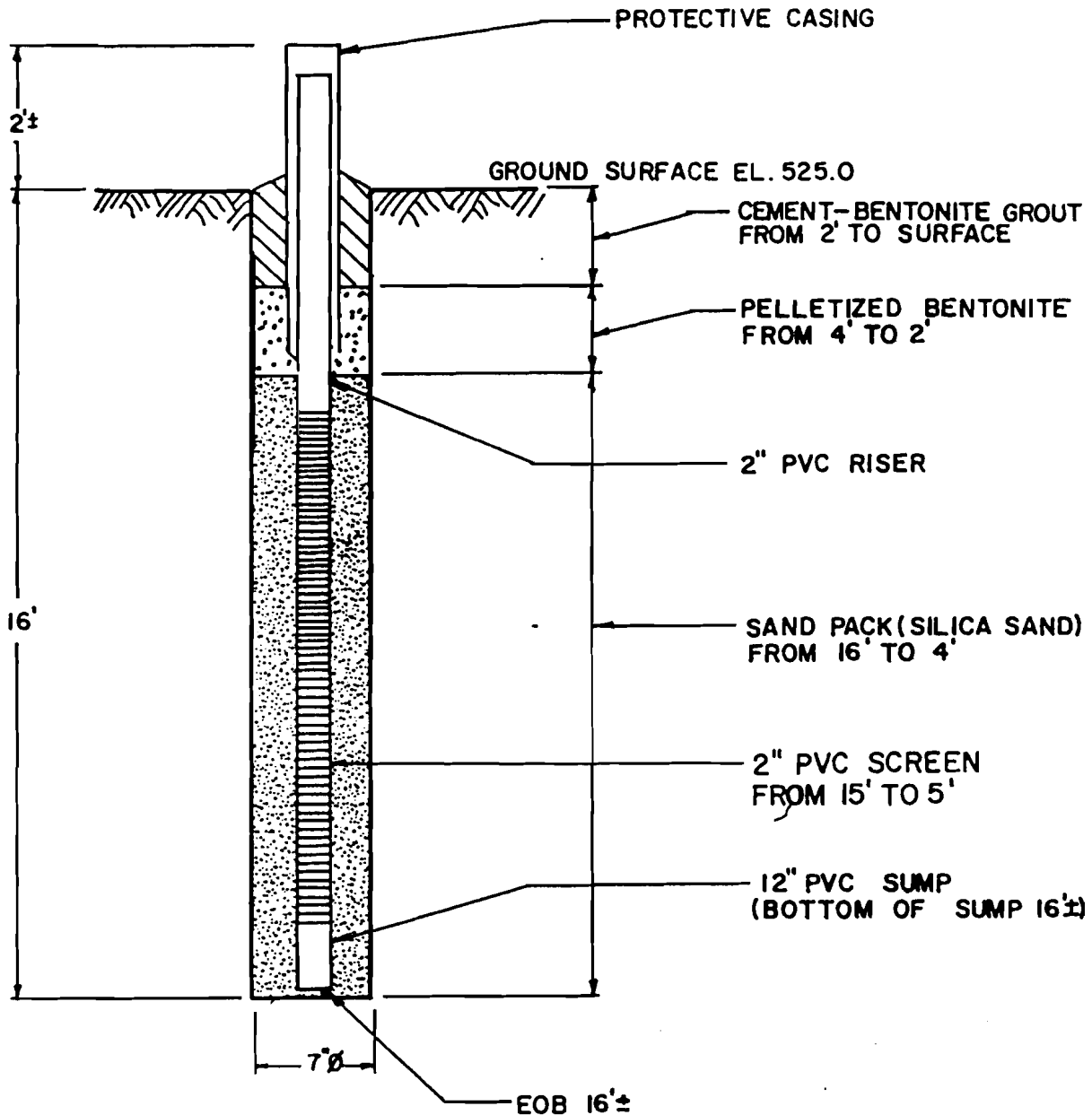
(Continued)

Project: Primoshield, East Utica, New York

Boring No.: P102

Boring Depth (ft)	Sample Depth (ft)	Sample No.	Blows per 6 inches	Recovered (in)	Unified Soil Classification	Sampling Method(s): Split Spoon			
						Sampling Dimensions: 1 1/4" x 24" Hammer Weight/Drop: 140 lb./30 in.			
						Surface Conditions: Gravel			
SOIL DESCRIPTION						PID (ppm)	REMARKS		
33		17	50/4			reddish brown Silty CLAY, some sm. STONE	BG		
34				5					
35		18	50/4				grey-brown Clayey SILT with STONE	BG	
36				4					
37						grey Silty CLAY with sm.-lg. STONE			
38									
39									
40		19	38 50/5				BG		
41				10		*			
						Boring complete at 39 ft with Auger Refusal Boring grouted back to surface			

P-101S (DRY WELL)



NOT TO SCALE

Stetson-Harza
A HARZA COMPANY

181 Genesee Street, Utica, NY 13501 (315) 797-6800

Research Technology Park
250 Jordan Rd., Troy, NY 12180 (518) 263-8080

DATE 6/15/93

DRAWN JLB

NO. 6057

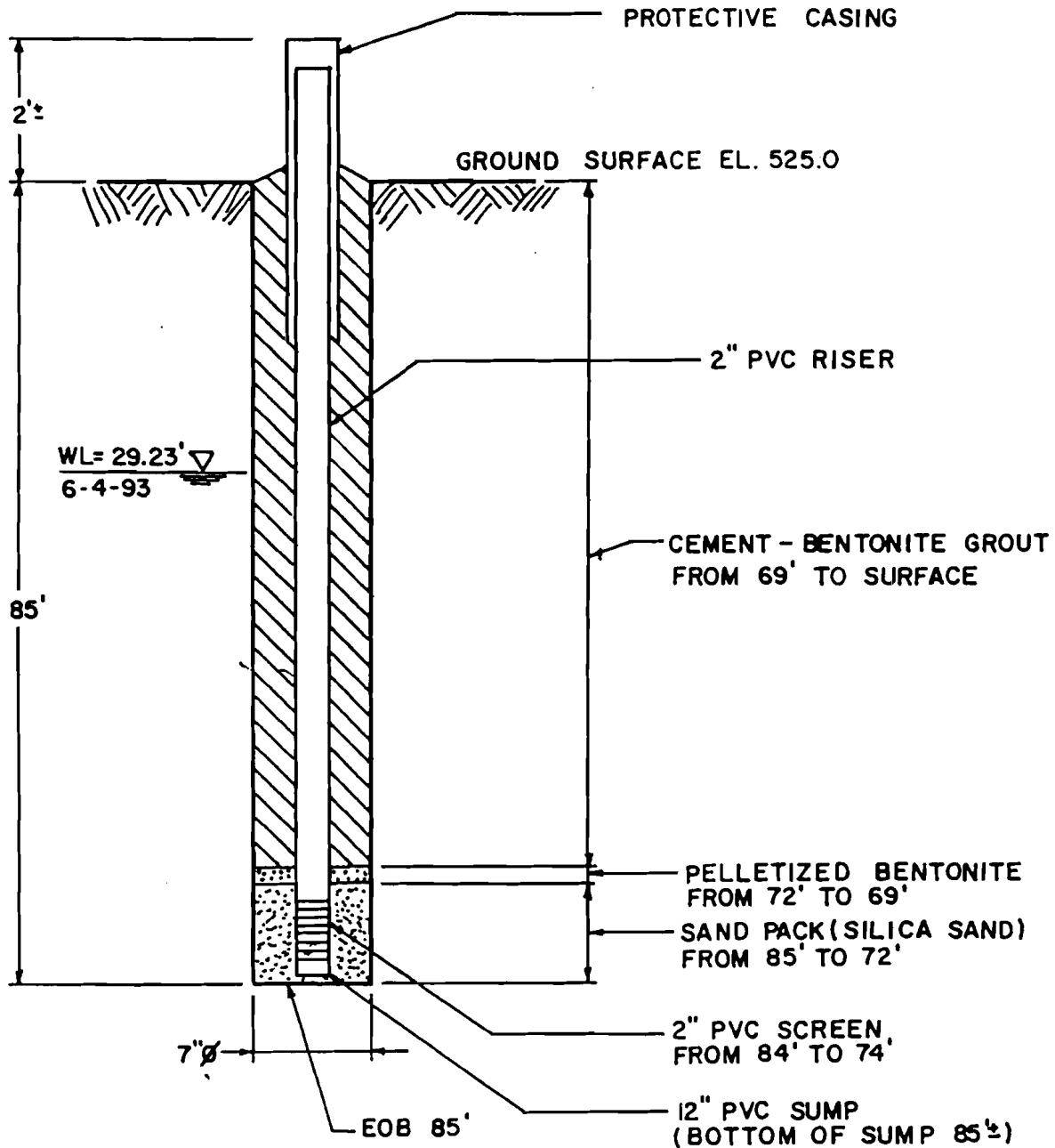
PRIMOSHIELD RI/FS
SITE CODE 6-33-027

1212 ST. VINCENT ST UTICA, N.Y. 13501

WELL CONSTRUCTION

FIG.
2

P - 101D



NOT TO SCALE

Stetson-Harza

A HARZA COMPANY

181 Genesee Street, Utica, NY 13501 (315) 797-5800

Researcher Technology Park

250 Jordan Rd., Troy, NY 12180 (518) 283-8080

DATE 6/15/93

DRAWN JLB

NO. 6057

PRIMOSHIELD RI/FS

SITE CODE 6-33-027

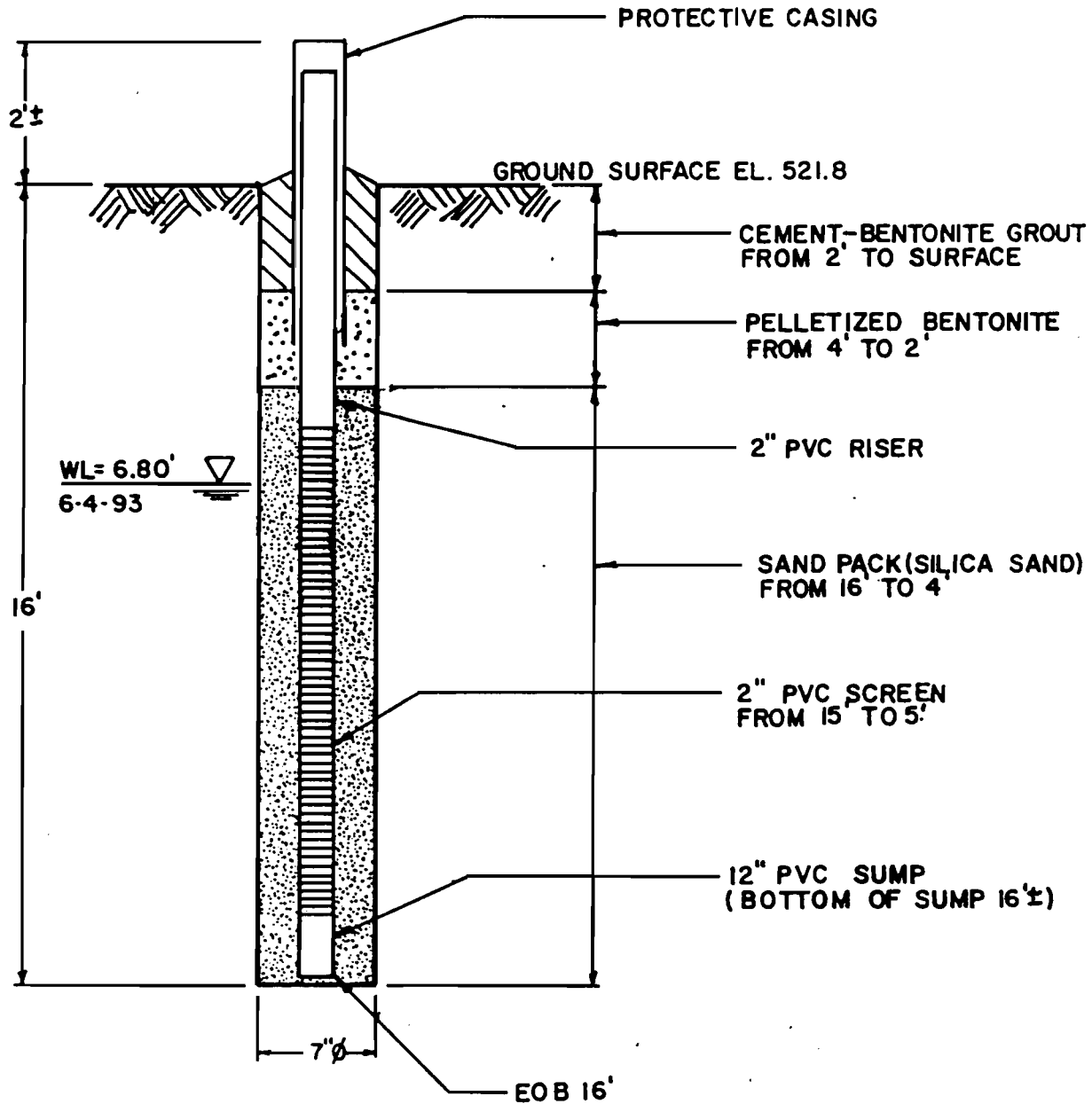
1212 ST. VINCENT ST UTICA, N.Y. 13501

WELL CONSTRUCTION

FIG.

1

P-103



Stetson-Harza

A HARZA COMPANY

181 Genesee Street, Utica, NY 13501 (315) 797-5800

Rensselaer Technology Park
250 Jordan Rd., Troy, NY 12180 (518) 283-8080

DATE 6/15/93

DRAWN JLB

NO. 6057

PRIMOSHIELD RI/FS

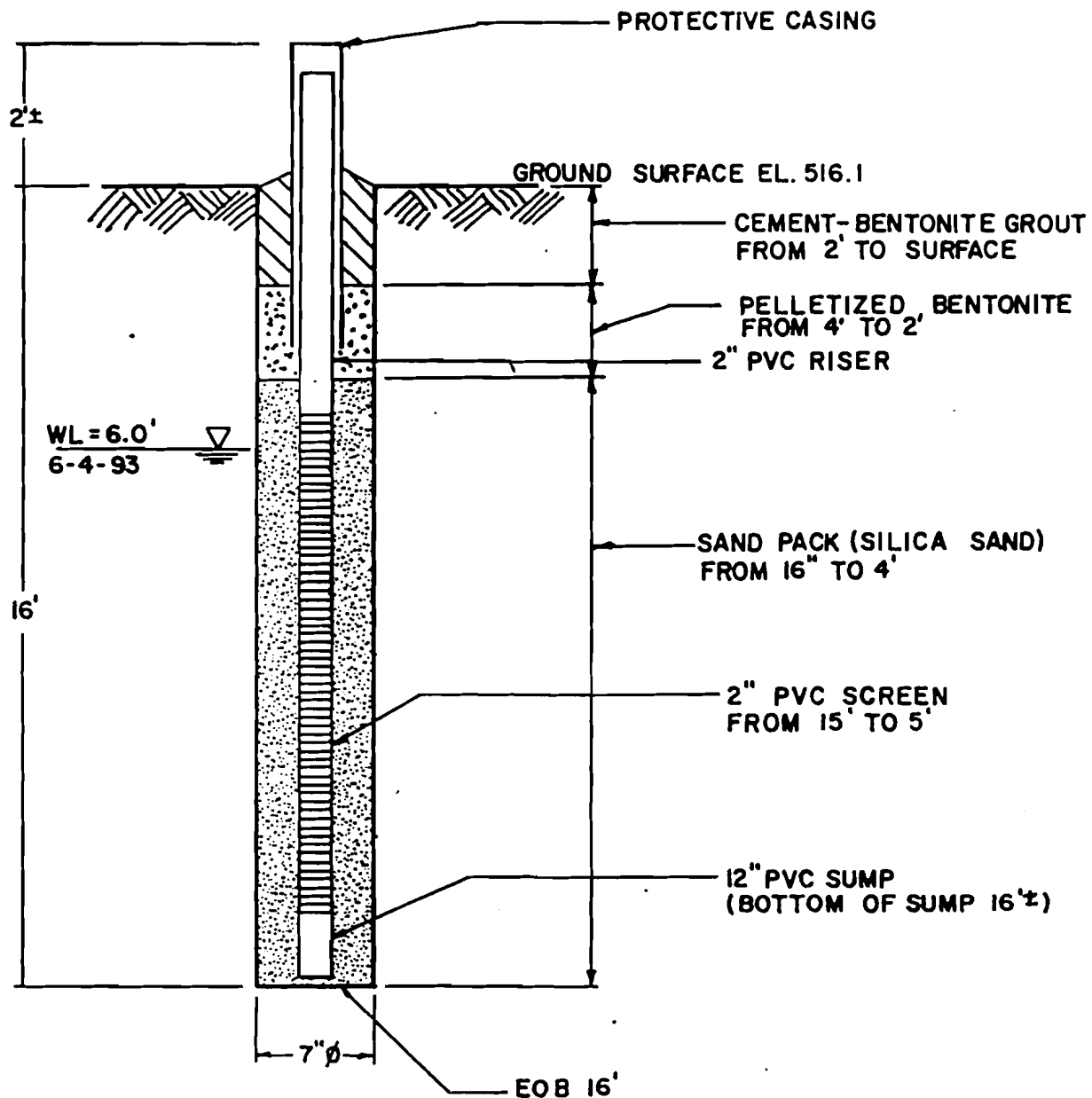
SITE CODE 6-33-027

1212 ST. VINCENT ST UTICA, N.Y. 13501

WELL CONSTRUCTION

FIG.
3

P-104



NOT TO SCALE

Stetson-Harza

A HARZA COMPANY

181 Genesee Street, Utica, NY 13501 (315) 797-5800

Renewable Technology Park

250 Jordan Rd., Troy, NY 12180 (518) 283-8080

DATE 6/15/93

DRAWN JLB

NO. 6057

PRIMOSHIELD RI/FS

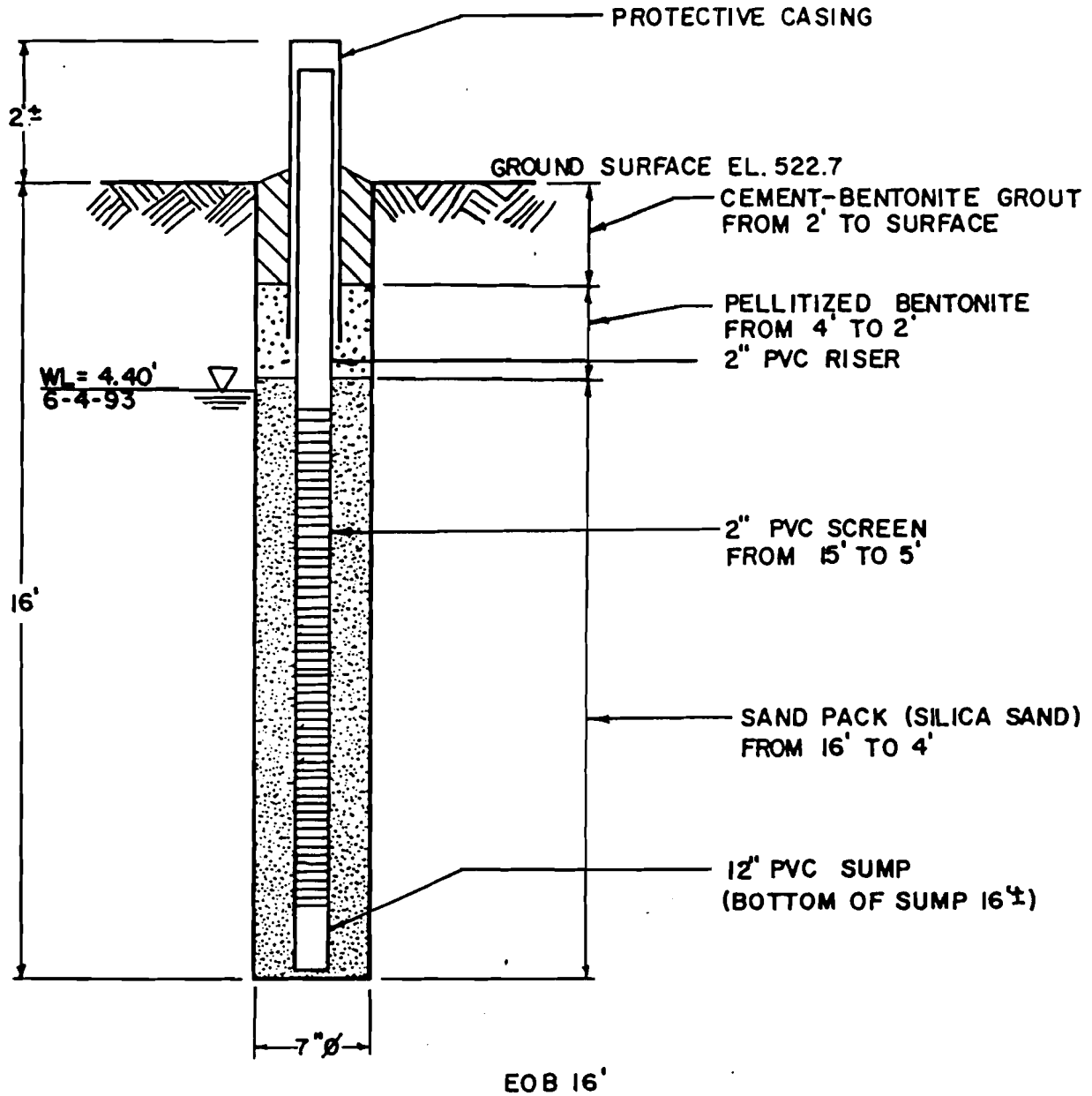
SITE CODE 6-33-027

1212 ST. VINCENT ST UTICA, N.Y. 13501

WELL CONSTRUCTION

FIG.
4

P-105



NOT TO SCALE

Stetson-Harza

A HARZA COMPANY

181 Genesee Street, Utica, NY 13501 (315) 787-5800

Renascence Technology Park
250 Jordan Rd., Troy, NY 12180 (518) 283-8080

DATE 6/15/93

DRAWN JLB

NO. 6057

PRIMOSHIELD RI/FS

SITE CODE 6-33-027

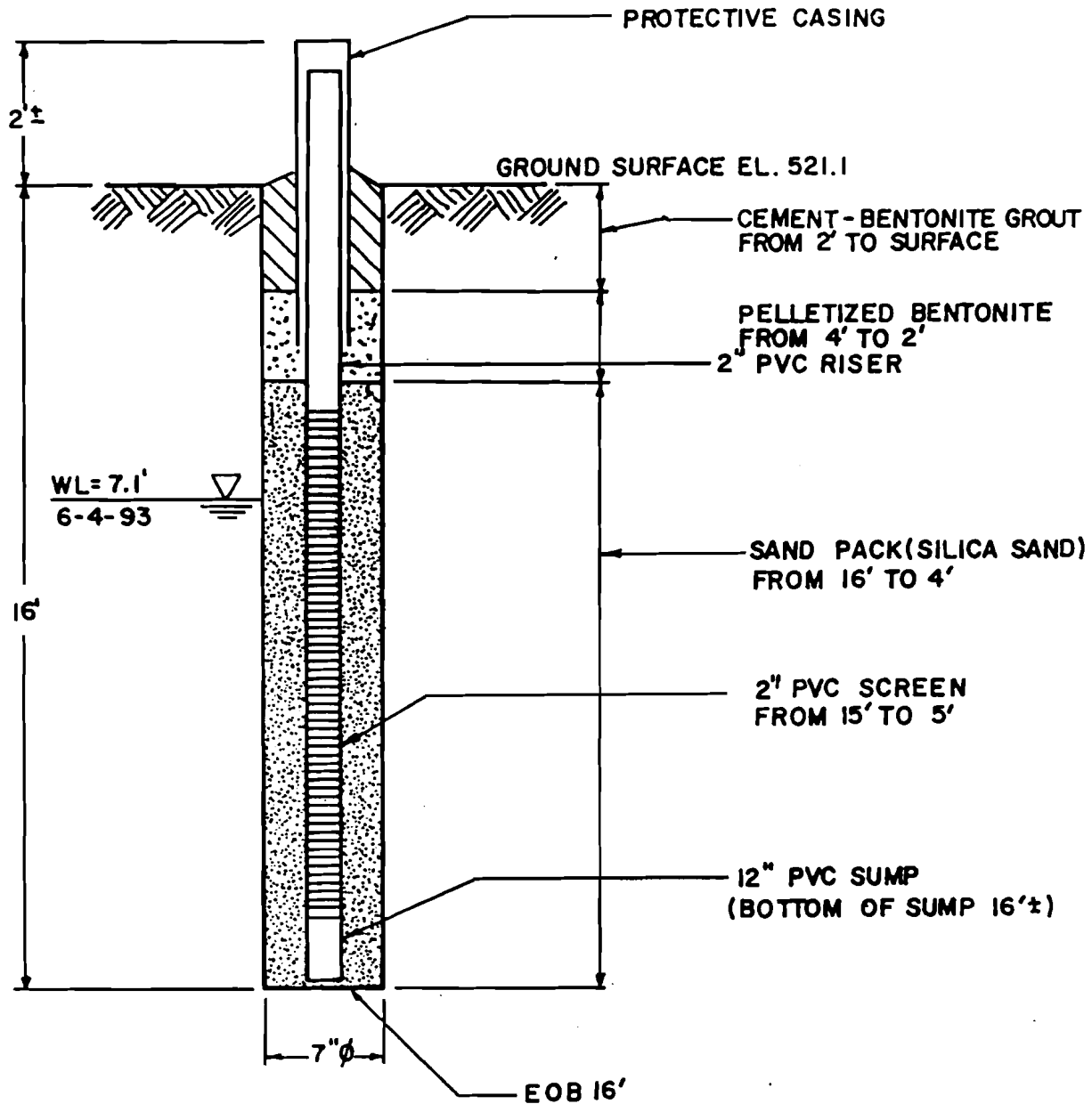
1212 ST. VINCENT ST UTICA, N.Y. 13501

WELL CONSTRUCTION

FIG.

5

P-106S



NOT TO SCALE

Stetson-Harza
A HARZA COMPANY

181 Geneva Street, Utica, NY 13501 (315) 787-5800

Parasensor Technology Park
250 Jordan Rd., Troy, NY 12180 (518) 283-8080

DATE 6/15/93

DRAWN JLB

NO. 6057

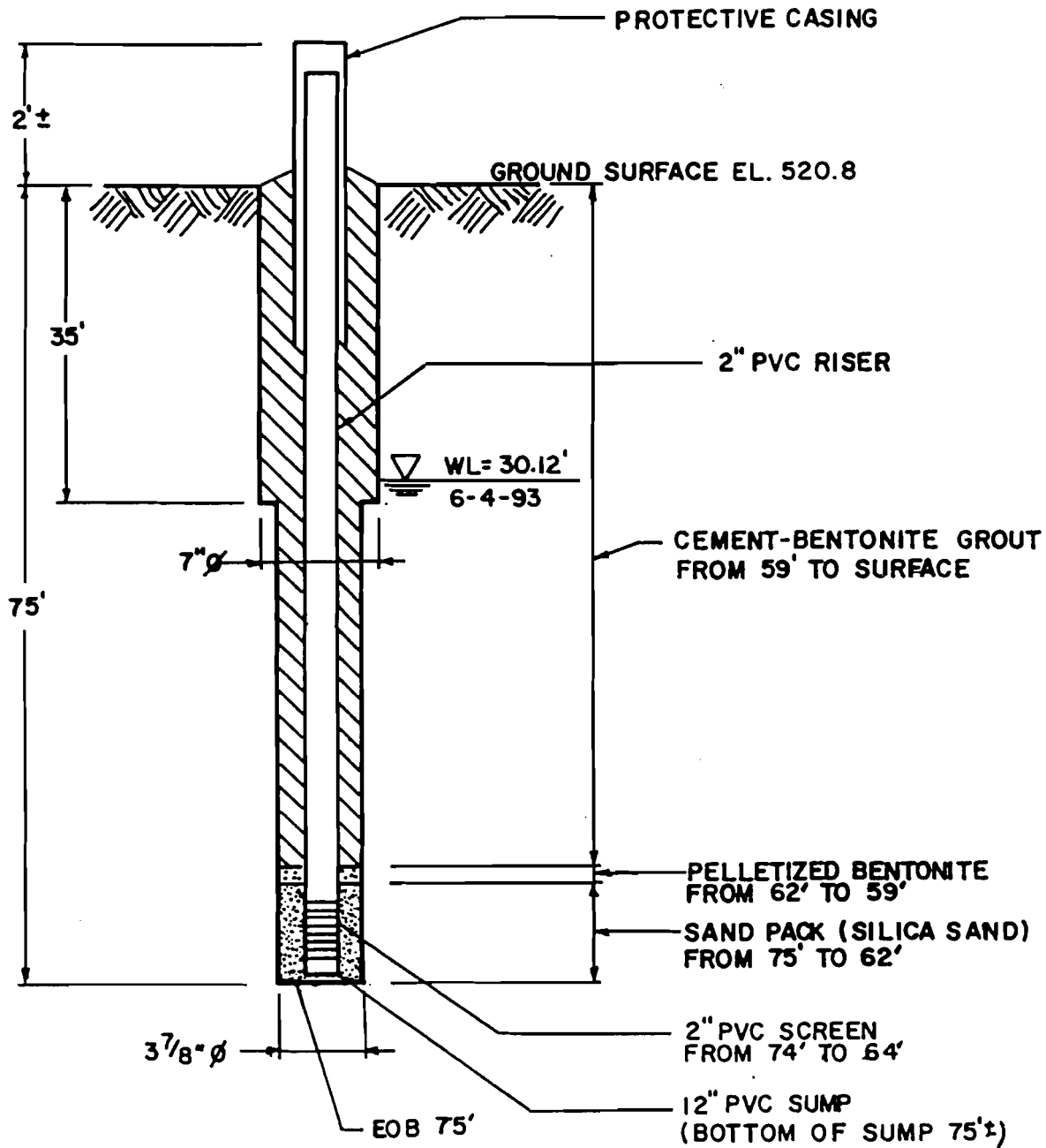
PRIMOSHIELD RI/FS
SITE CODE 6-33-027

1212 ST. VINCENT ST UTICA, N.Y. 13501

WELL CONSTRUCTION

FIG.
7

P-106D



NOT TO SCALE

Stetson-Harza

A HARZA COMPANY

181 Genesee Street, Utica, NY 13501 (315) 787-5800

Rensselaer Technology Park
250 Jordan Rd., Troy, NY 12180 (518) 283-8080

DATE 6/15/93

DRAWN JLB

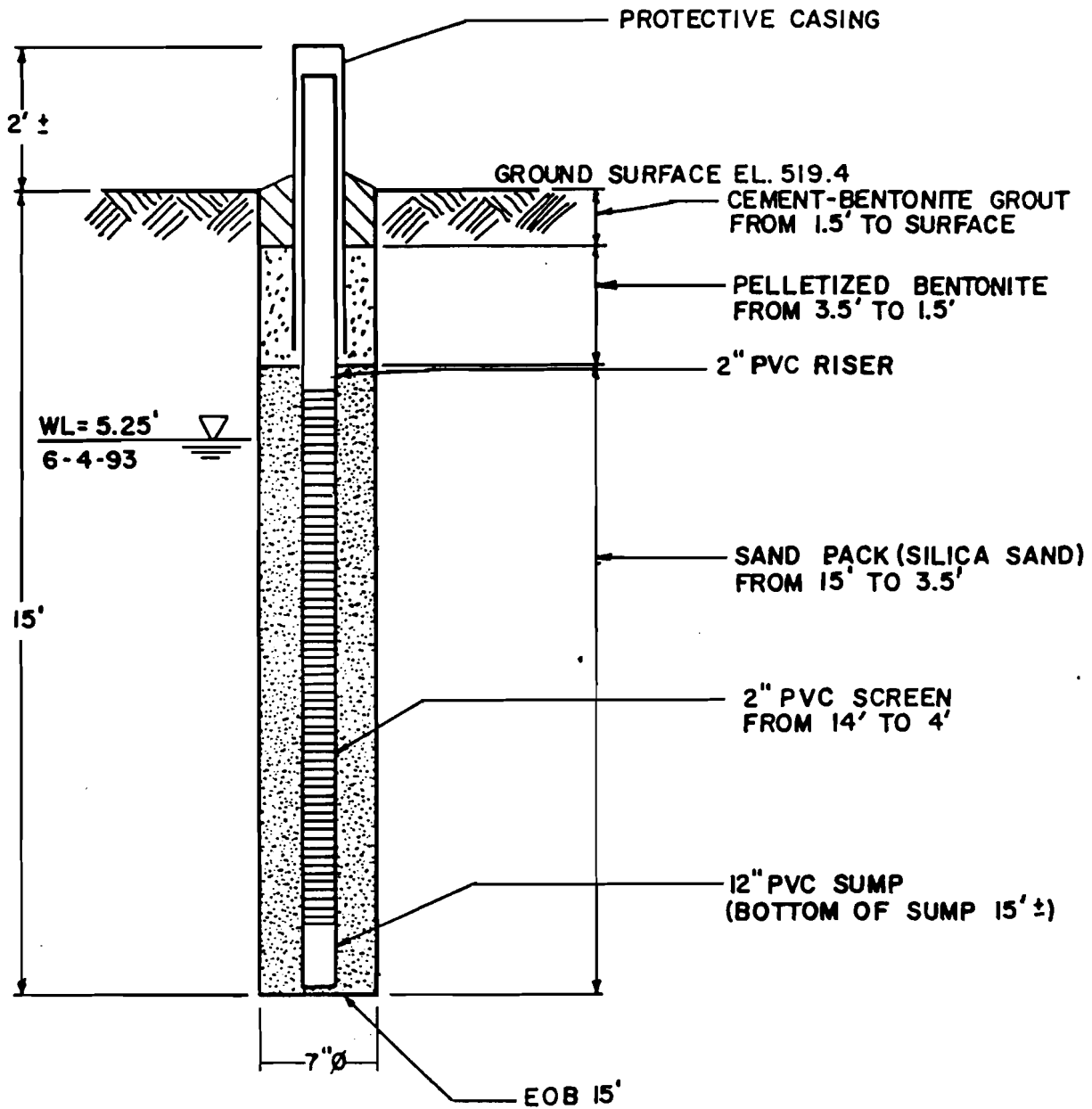
NO. 6057

PRIMOSHIELD RI/FS
SITE CODE 6-33-027

1212 ST. VINCENT ST UTICA, N.Y. 13501
WELL CONSTRUCTION

FIG.
6

P-107S



NOT TO SCALE

Stetson-Harza
A HARZA COMPANY

181 Gansevoort Street, Utica, NY 13501 (315) 797-5800
Parsippany Technology Park
230 Jordan Rd., Troy, NY 12180 (518) 263-8080

DATE 6/15/93

DRAWN JLB

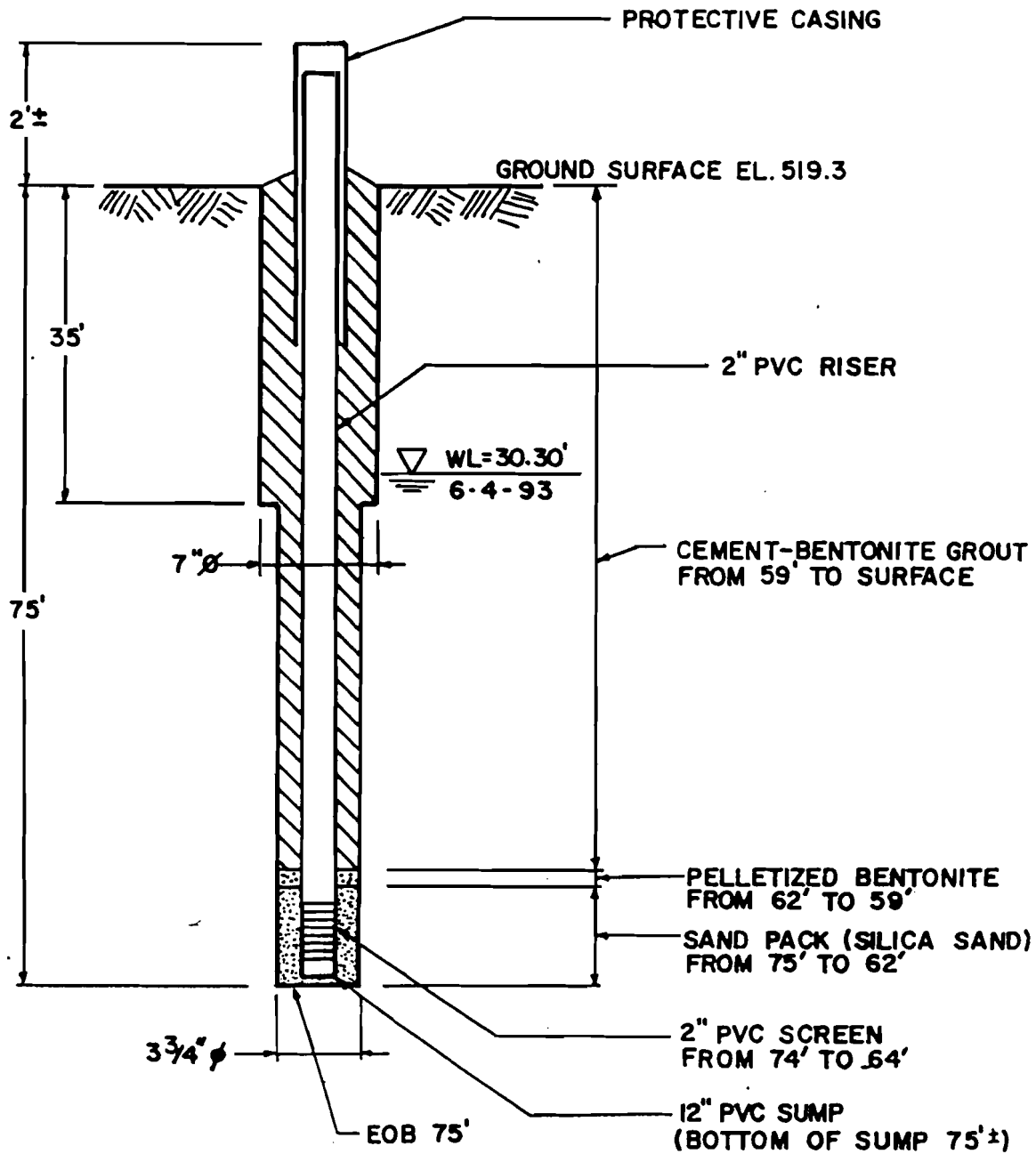
NO. 6057

PRIMOSHIELD RI/FS
SITE CODE 6-33-027

1212 ST. VINCENT ST UTICA, N.Y. 13501
WELL CONSTRUCTION

FIG.
9

P-107D



NOT TO SCALE

Stetson-Harza

A HARZA COMPANY

181 Genesee Street, Utica, NY 13501 (315) 797-5800

Researcher Technology Park

280 Jordan Rd., Troy, NY 12180 (518) 263-6060

DATE 6/15/93

DRAWN JLB

NO. 6057

PRIMOSHIELD RI/FS

SITE CODE 6-33-027

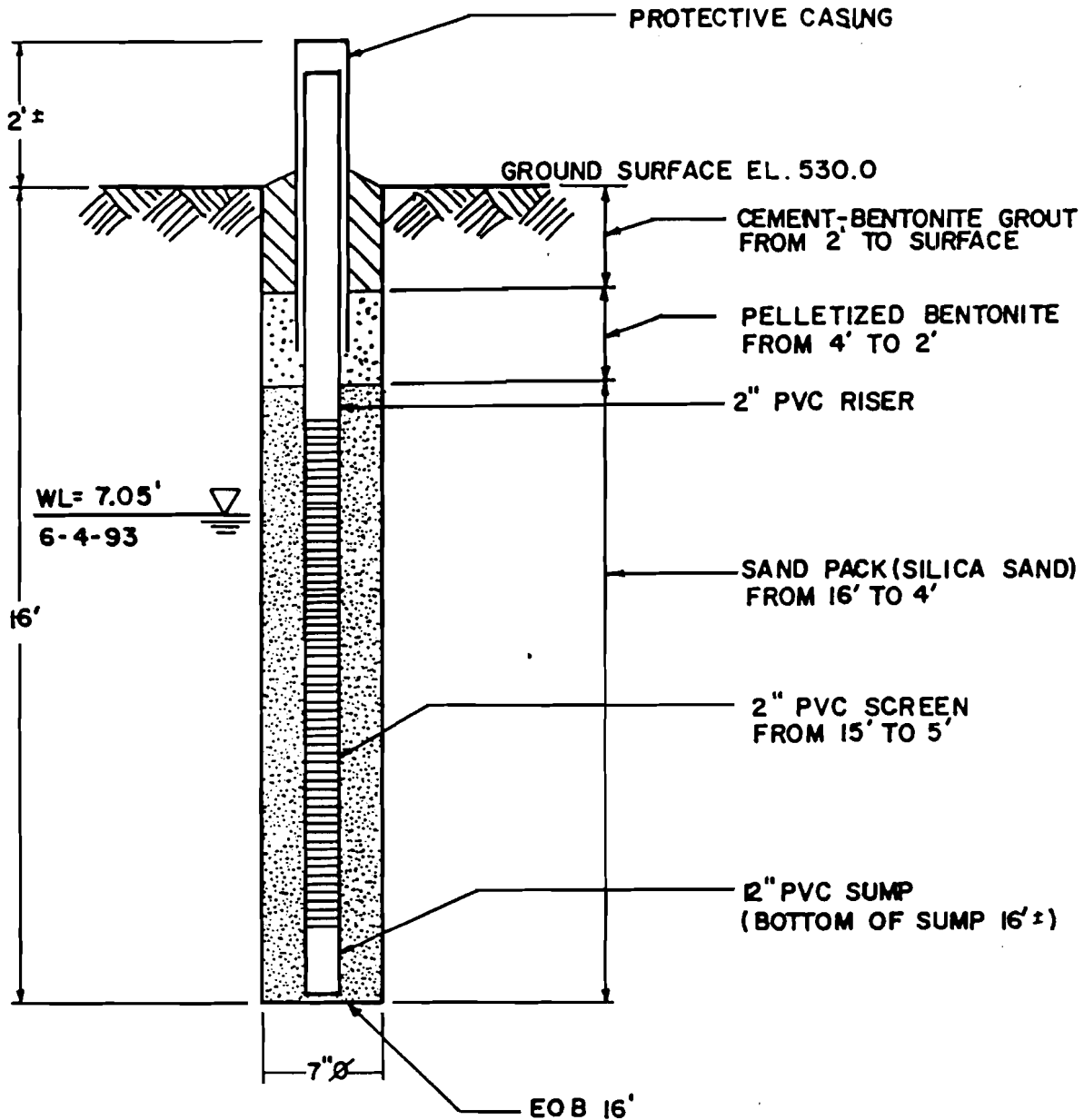
1212 ST. VINCENT ST UTICA, N.Y. 13501

WELL CONSTRUCTION

FIG.

8

P-108



NOT TO SCALE

Stetson-Harza

A HARZA COMPANY

181 Genesee Street, Utica, NY 13501 (315) 797-5800

Renessetec Technology Park
230 Jordan Rd., Troy, NY 12180 (518) 283-8080

DATE 6/15/93

DRAWN JLB

NO. 6057

PRIMOSHIELD RI/FS

SITE CODE 6-33-027

1212 ST. VINCENT ST UTICA, N.Y. 13501

WELL CONSTRUCTION

FIG.
10