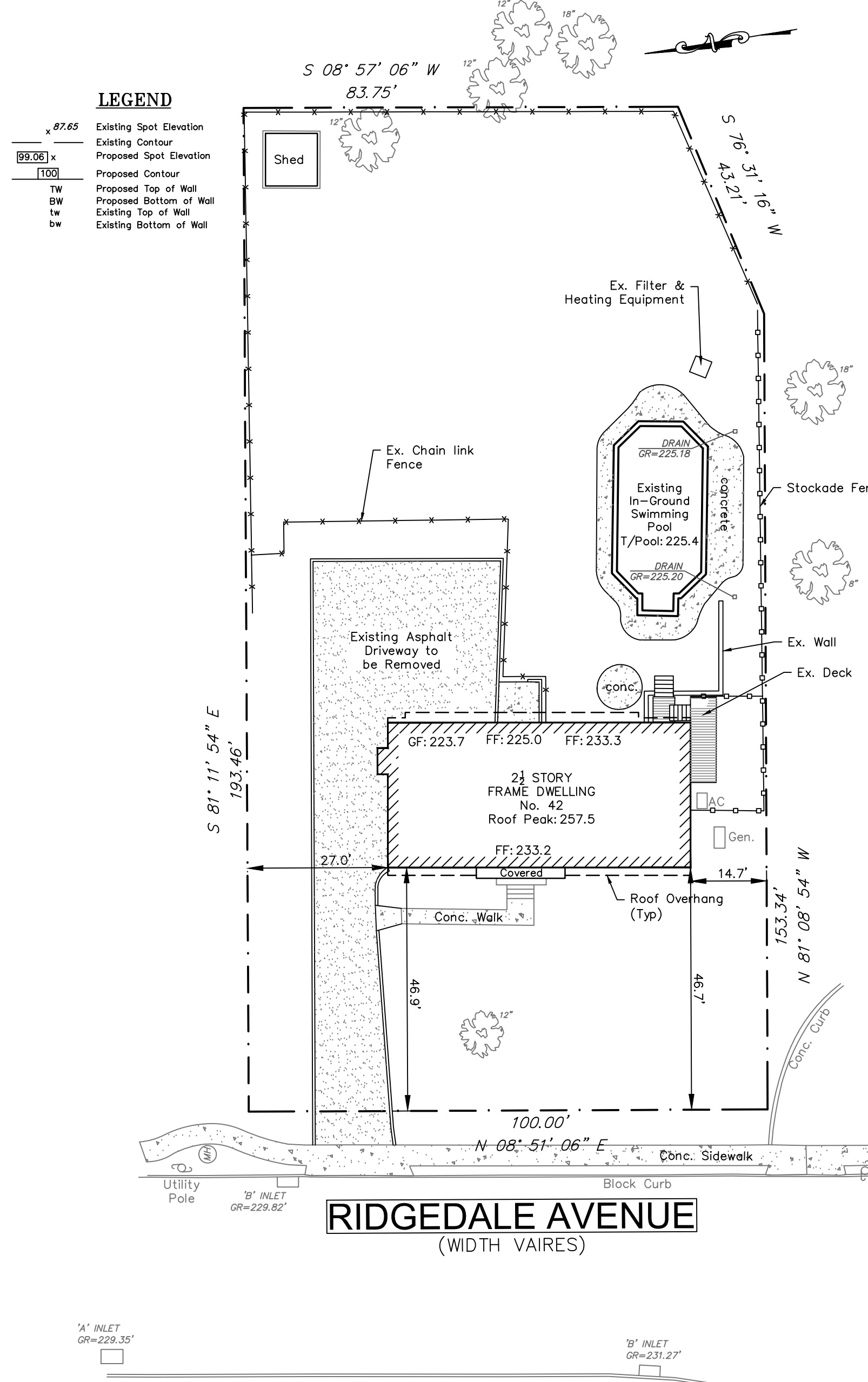


### 200' PROPERTY OWNERS LIST

Property Location	Owners Name	Mailing Address
42 RIDGEDALE AVE	ZOPPI, NICHOLAS/CHRISTINA	42 RIDGEDALE AVE FLORHAM PARK, NJ 07932
35 RIDGEDALE AVE	BOROUGH OF FLORHAM PARK	111 RIDGEDALE AVE FLORHAM PARK, NJ 07932
41 RIDGEDALE AVE	GRZYMALA, MARK E & CHRISTINE R	41 RIDGEDALE AVE FLORHAM PARK, NJ 07932
43 RIDGEDALE AVE	MCMAHON, MARK/DONNA	43 RIDGEDALE AVE FLORHAM PARK, NJ 07932
45 RIDGEDALE AVE	BARRON, MARK A & FERNANDES, SILVIA T	45 RIDGEDALE AVE FLORHAM PARK, NJ 07932
314 GREENWOOD AVE	FLORHAM PARK NJ REALTY LLC	314 GREENWOOD AVE FLORHAM PARK, NJ 07932
8 ROOSEVELT BLVD	BODNAR, LINDA B	8 ROOSEVELT BLVD FLORHAM PARK, NJ 07932
48 RIDGEDALE AVE	DOTRO, JOSEPH & ROSA	48 RIDGEDALE AVE FLORHAM PARK, NJ 07932
46 RIDGEDALE AVE	HALDAR, DEBASIS/SARKAR, MADHUMITA	46 RIDGEDALE AVE FLORHAM PARK, NJ 07932
44 RIDGEDALE AVE	SZONYI, ERIC M & ERIN	44 RIDGEDALE AVE FLORHAM PARK, NJ 07932
42 RIDGEDALE AVE	ZOPPI, NICHOLAS/CHRISTINA	42 RIDGEDALE AVE FLORHAM PARK, NJ 07932
315 GREENWOOD AVE	GARCIA, ERIC/IZABEL	315 GREENWOOD AVE FLORHAM PARK, NJ 07932
55 VILLAGE RD	MACMILLAN CHILDREN TRUS	55 VILLAGE RD FLORHAM PARK, NJ 07932
53 VILLAGE RD	SWERN, FREDERIC L /GAYLE R	53 VILLAGE RD FLORHAM PARK, NJ 07932
51 VILLAGE RD	JARKA, JOHN & MARIE	51 VILLAGE RD FLORHAM PARK, NJ 07932
49 VILLAGE RD	DE FRANCO, THOMAS & AMY	49 VILLAGE RD FLORHAM PARK, NJ 07932
12 ROOSEVELT BLVD	LOGAN, JOSEPH & DEBORAH	12 ROOSEVELT BLVD FLORHAM PARK, NJ 07932
54 VILLAGE RD	DE FILIPPES, JOSEPH & ROSALIE	54 VILLAGE RD FLORHAM PARK, NJ 07932

### AREA MAP



NOTES:  
 1. EXISTING CONDITIONS PLAN BASED ON THE BOUNDARY SURVEY PREPARED BY MICHAEL A. CATALANO, LAND SURVEYING, DATED 03.22.16.

**Electric**  
 J.C.P. & L.  
 300 Madison Avenue  
 PO Box 1911  
 Morristown, NJ 07962  
 John Santucci, Engineering Dept.  
 973 401-8552  
 973 644-4256 Fax

**Gas**  
 Public Service Electric and Gas Company  
 Manager-Corporate Properties  
 80 Park Plaza, 76B  
 Newark, New Jersey 07101

**Telephone**  
 Verizon-NJ  
 Highland Engineering District  
 290 W. Mount Pleasant Ave., Room 40D2  
 Livingston, NJ 07039  
 Shaun Cross, Northern District Mgr.  
 973-436-1250  
 Email: john.r.cross.jr@verizon.com

**Cable**  
 Cablevision of Morris  
 683 Route 10 East  
 Randolph, NJ 07869-3799  
 Hollis Orderson, Engineering Dept.

**Pipeline**  
 Texas Eastern Transmission Corporation  
 501 Coolidge St.  
 South Plainfield, NJ 07080  
 Attn: Land Department

**Pipeline**  
 Transcontinental  
 Real Estate Department  
 P.O. Box 1396  
 Houston, Texas 77001

**Water**  
 New Jersey-American Water Company, Inc.  
 1 Water Street  
 Camden, NJ 08102  
 Domingo Short, GIS Supervisor  
 856-345-8200 ext. 2004744

**Water & Sewer**  
 Florham Park Water & Sewer Utilities  
 111 Ridgedale Avenue  
 Florham Park, NJ 07932  
 Michael Sgaromello 973 410-5473

**Water**  
 SMCMA  
 19 Saddle Road  
 Cedar Knolls, NJ 07927  
 Laura Cummings 973 326-6860

**Water**  
 Madison Borough Water  
 Town Hall, Kings Road  
 Madison, NJ 07940  
 Water Department  
 Burnet Carrigan 973 593-3092

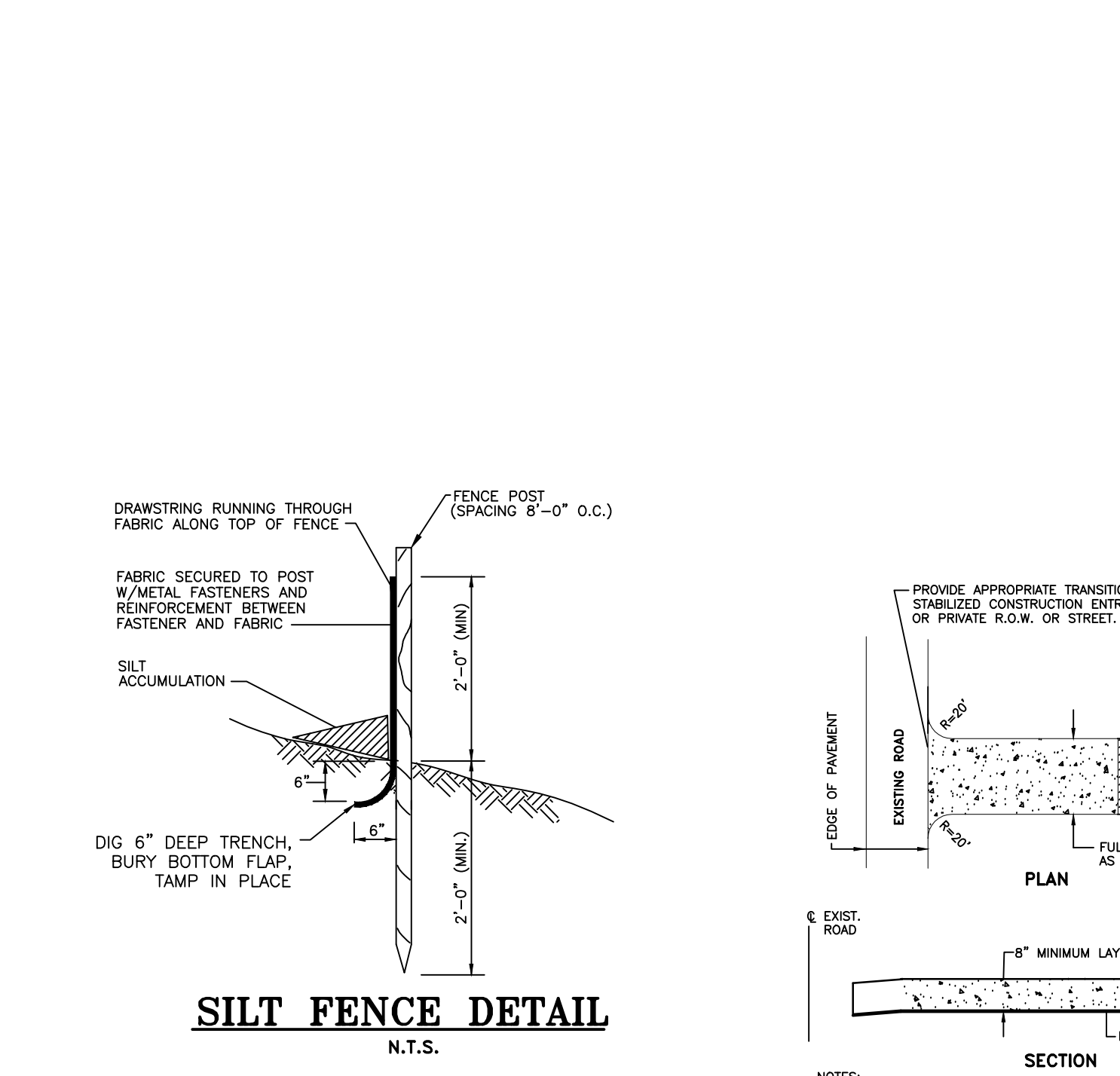
**Roads**  
 Morris County Road Dept.  
 120 East Hanover Ave.  
 Cedar Knolls, NJ 07927  
 Michael D'Agostino 973 285-6761

**Additional utilities to be notified.**  
 Morris County P.O. Box 900  
 Planning Board  
 Morristown, NJ 07963

**Morristown Airport**  
 Town of Morristown, Town Clerk  
 110 South Street  
 Morristown, NJ 07960

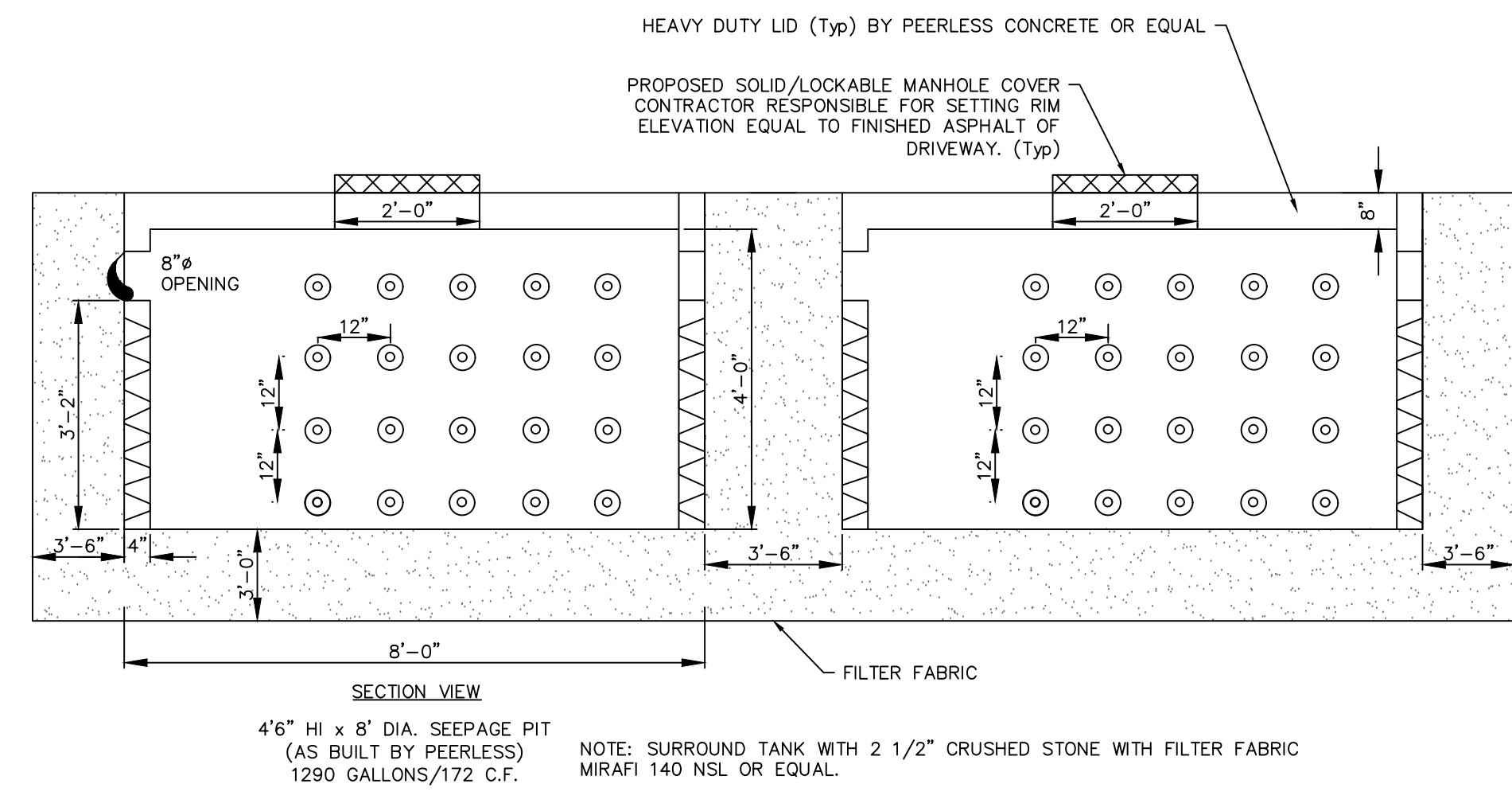
**DM Airports LTD**  
 Morristown Airport  
 8 Airport Rd.  
 Morristown, NJ 07960

**State Highway Department**  
 New Jersey Department of Transportation Office of the Commissioner  
 P.O. Box 600  
 Trenton, NJ 08625-0600  
 609 530-3536



**REQUIREMENTS FOR SILT FENCE:**

- FENCE POSTS SHALL BE SPACED 8 FT. CENTER-TO-CENTER OR CLOSER. THEY SHALL EXTEND AT LEAST 2 FEET INTO THE GROUND AND EXTEND AT LEAST 2 FEET ABOVE GROUND. POSTS SHALL BE CONSTRUCTED OF HARDWOOD WITH A MINIMUM DIAMETER THICKNESS OF 1 1/2 INCHES.
- A METAL FENCE WITH 6 INCH OR SMALLER OPENINGS AND AT LEAST 2 FEET HIGH MAY BE UTILIZED, FASTENED TO THE FENCE POSTS, TO PROVIDE REINFORCEMENT AND SUPPORT TO THE GEOTEXTILE FABRIC WHERE SPACE FOR OTHER PRACTICES IS LIMITED AND HEAVY SEDIMENT LOADING IS EXPECTED.
- A GEOTEXTILE FABRIC, RECOMMENDED FOR SUCH USE BY THE MANUFACTURER, SHALL BE BURIED AT LEAST 6 INCHES DEEP IN THE GROUND. THE FABRIC SHALL EXTEND AT LEAST 2 FEET ABOVE THE GROUND. THE FABRIC MUST BE SECURELY FASTENED TO THE POSTS USING A SYSTEM CONSISTING OF METAL FASTENERS (NAILS OR STAPLES) AND A HIGH STRENGTH REINFORCEMENT MATERIAL (NYLON WEBBING, GROMMETS, WASHERS ETC.) PLACED BETWEEN THE FABRIC AND THE GEOTEXTILE FABRIC. THE FASTENING SYSTEM SHALL RESIST TEARING AWAY FROM THE POST. THE FABRIC SHALL INCORPORATE A DRAWSTRING IN THE PORTION OF THE FENCE FOR ADDED STRENGTH.

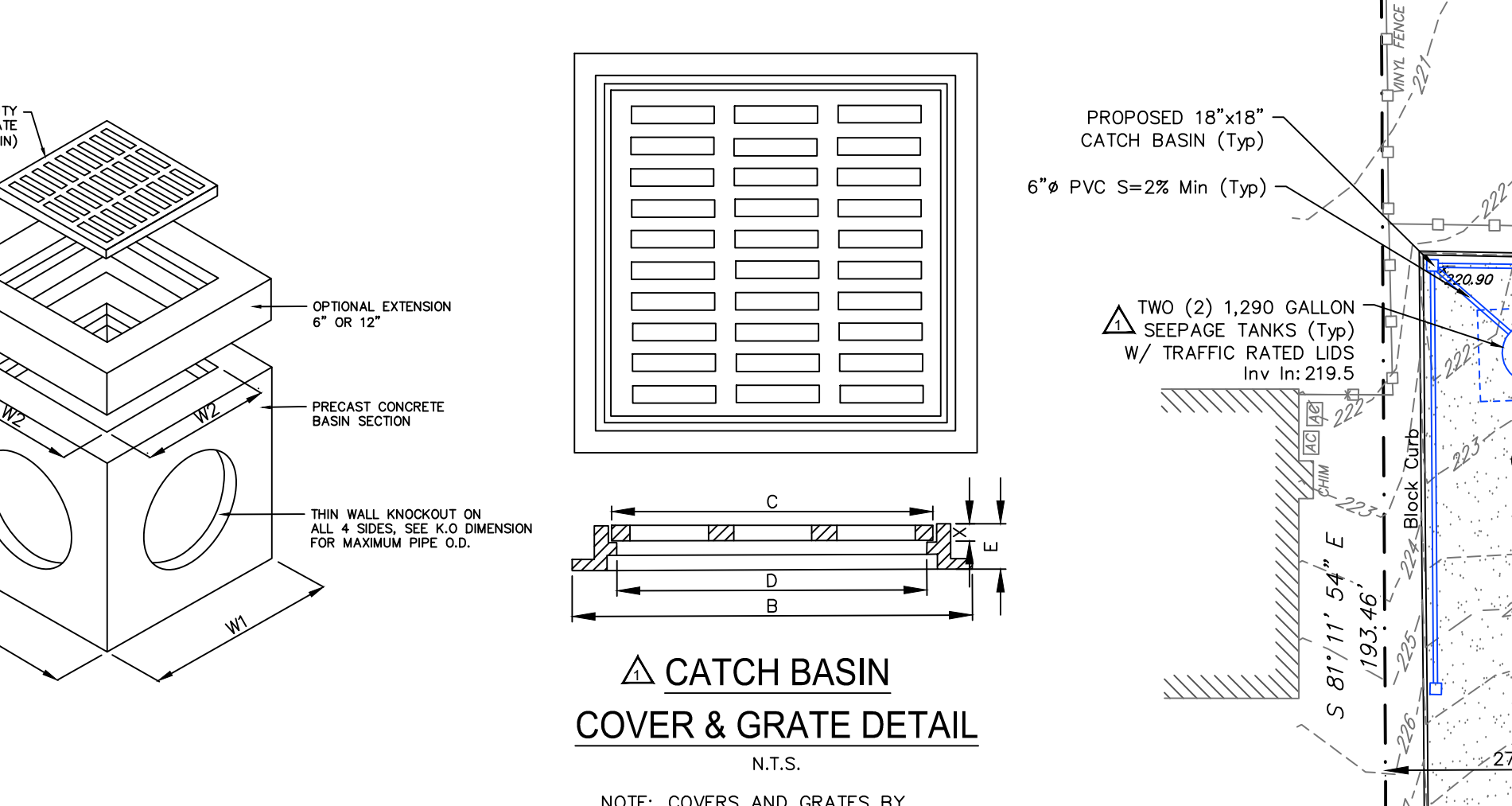


**STORM WATER CALCULATIONS:**  
 Proposed Pool Patio=1,252 sf  
 Driveway Area =3,353 sf  
 4,605 sf x 0.25 ft = 1,151 cu.ft.

**SEEPAGE PIT CAPACITY:**  
 DRYWELL= TWO (2) 1290 GALLON PITS = 344 cu.ft.  
 PIT=15x26.5x6.17=2,453 cu.ft.-402 cu.ft. (Outside Volume)=2,051 cu.ft. stone  
 ASSUME 40% VOID RATIO  
 2,051 cu.ft. x 0.4=820 cu.ft.  
 820 cu.ft.+344 cu.ft.=1,164 cu.ft. storage

**Permeability Rate Determination:**

Run	Depth (ft)	Length of Soil Core (in)	Time required for the water level to drop from H <sub>1</sub> to H <sub>2</sub> (min)	Height of the water above test basin H <sub>1</sub> (in)	Water loss (in)	Height of water above test basin at end of run H <sub>2</sub> (in)	Permeability of the soil sample K <sub>s</sub> (in/hr)	Permeability Class
1	9.4"	3	15	3.562	0.25	3.312	0.87	K-2
2	9.4"	3	30	3.562	0.5	3.062	0.81	K-2
3	9.4"	3	60	3.562	1	2.562	0.69	K-2



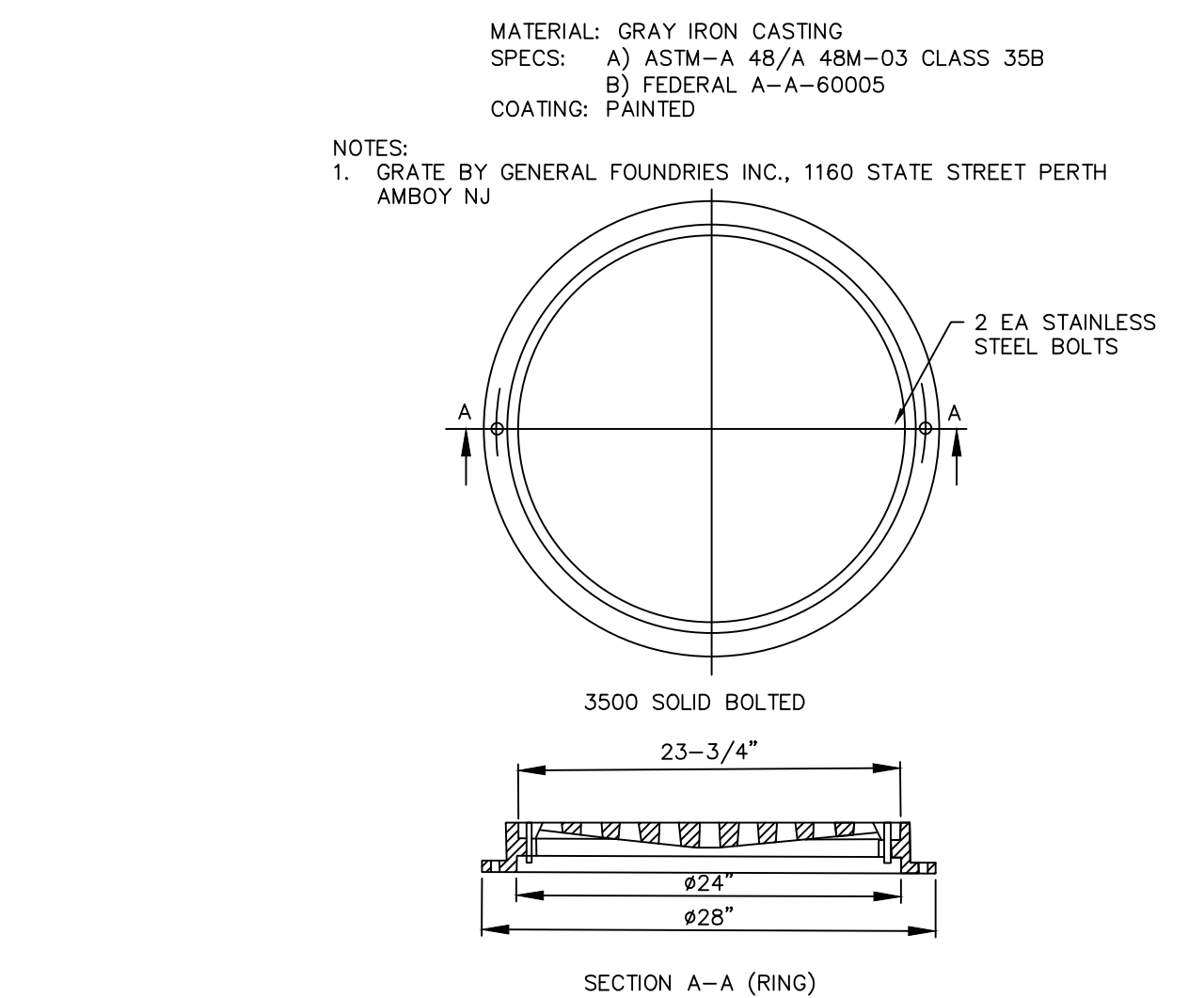
**NOTE:** COVERS AND GRATES BY CAMPBELL FOUNDRY COMPANY

**LOT COVERAGE**

Lot Area	Item	Required (sf)	Existing (sf)	Proposed (sf)	Variance
19,025	House/Porch	1,675	1,675		
	Shed	102	102		
	Driveway	2,167	3,353		
	Front Walk	132	112		
	Rear Patio/Walks	130	20		
	Swimming Pool Coping	90	90		
	Pool Patio	505	1,252		
	Rear Deck	129	456		
	A/C & Generator	15	15		
	Equip Pads	11	30		
Building Coverage		1,777	1,777		
		14.5%	9.3%	9.3%	No
			4,956	7,105	
Impervious Coverage		30.0%	26.0%	37.3%	Yes

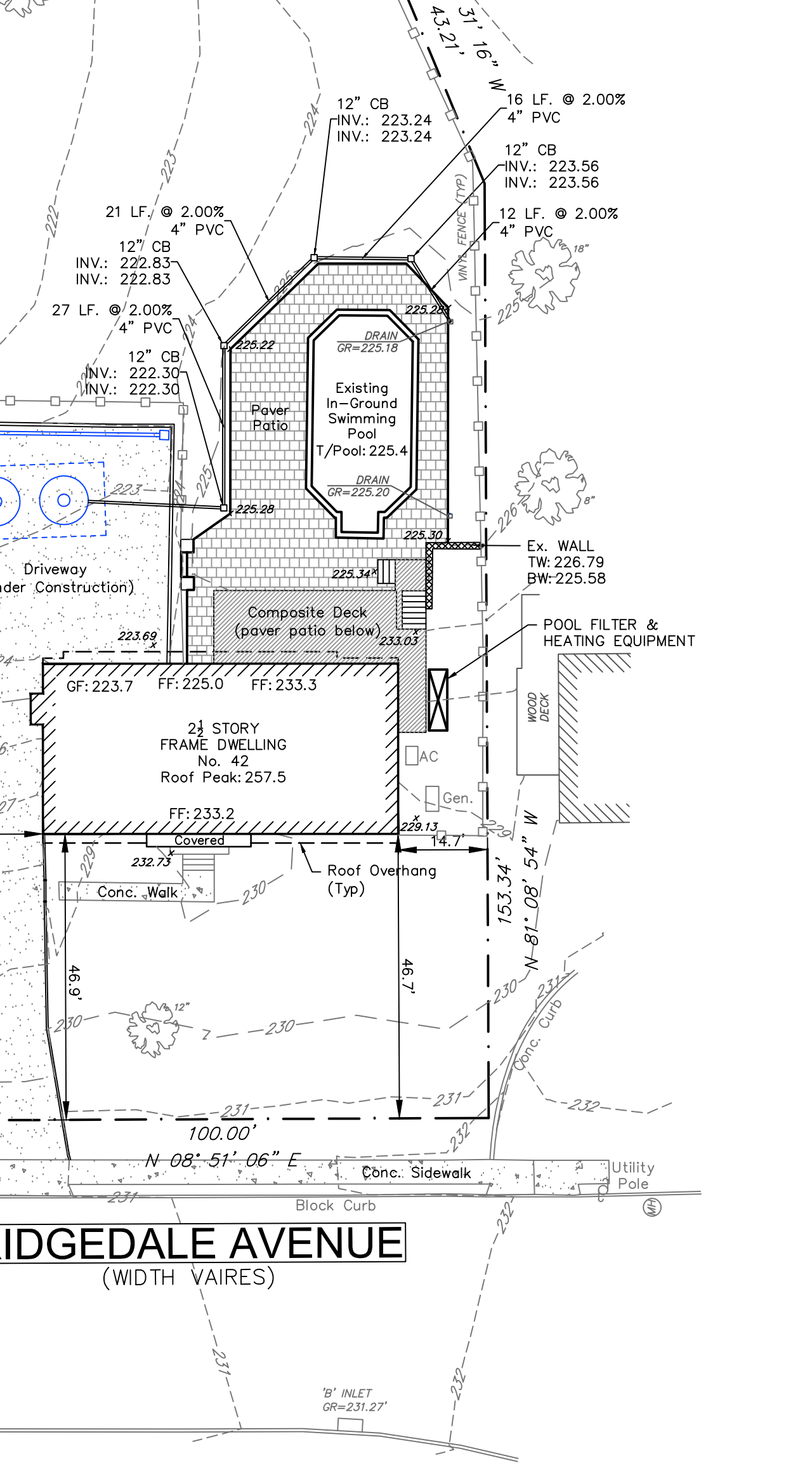
**NOTES:**

- EXISTING CONDITIONS PLAN BASED ON THE BOUNDARY SURVEY PREPARED BY MICHAEL A. CATALANO, LAND SURVEYING, DATED 03.22.16.
- PROPOSED STORM WATER MANAGEMENT PLAN BASED ON THE "BOUNDARY & TOPOGRAPHIC" SURVEY PREPARED BY SOLISTICE SURVEYING, DATED 07.25.22. VERTICAL DATUM PER NAVD'88.
- OWNER OR CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY SHOULD ACTUAL CONDITIONS DIFFER FROM THOSE SHOWN ON THE PLAN.
- A PERCOLATION TEST WILL BE PERFORMED AT THE TIME OF EXCAVATION. CONTRACTOR AND/OR HOME OWNER SHALL NOTIFY THE ENGINEER 24 HOURS PRIOR TO EXCAVATION.
- IF IMPERVIOUS MATERIAL OR GROUND WATER IS ENCOUNTERED AT THE DRY WELL LOCATION DURING EXCAVATION, CONTACT THE ENGINEER.
- SET DRY WELL TO CONFORM WITH INLET ELEVATION OF DRAIN PIPE.
- ALL EXCESS SOIL SHALL BE REMOVED FROM THE PROPERTY.



**MATERIAL:** GRAY IRON CASTING  
**SPECS:** A) ASTM-A 48/A 48M-03 CLASS 35B  
 B) FEDERAL A-A-60005  
**COATING:** PAINTED

**NOTES:**  
 1. GRATE BY GENERAL FOUNDRIES INC., 1160 STATE STREET PERTH AMBOY NJ



**NOTES:**

- PROPOSED STORM WATER MANAGEMENT PLAN BASED ON THE "BOUNDARY & TOPOGRAPHIC" SURVEY PREPARED BY SOLISTICE SURVEYING, DATED 07.25.22. VERTICAL DATUM PER NAVD'88.

THIS DRAWING AND ALL INFORMATION CONTAINED HEREIN IS AUTHORIZED FOR USE ONLY BY THE PARTY FOR WHOM THE WORK WAS CONTRACTED OR TO WHOM IT IS CERTIFIED.  THIS DRAWING MAY NOT BE COPIED, REPRODUCED, DISCLOSED, DISTRIBUTED OR RELIED UPON FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN CONSENT OF D.J. EGARIAN & ASSOCIATES, INC.  CERTIFICATE OF AUTHORIZATION: 24GA2806300	<b>AMENDED ZONING CALCULATIONS PER ORDINANCE; AMENDED STORM WATER DESIGN; ADDED PERCOLATION TEST INFORMATION</b>	10.27.23 DJE	DESIGNER: DJE DRAWN BY: DJE/JS CHECK BY: DJE DATE: 09.12.22 SCALE: 1" = 20' PROJECT NO.: 22236	<b>DAVID J. EGARIAN, P.E.</b> N.J.LIC. NO. 24GE022900	<b>DJ EGARIAN &amp; ASSOCIATES Inc.</b> Civil/Mechanical/Environmental Engineering Services 271 Route 46 Suite G208, Fairfield, NJ 07004 Ph:(973)898-1401 Fax:(862)702-3017 www.djegarian.com	<b>STORM WATER MANAGEMENT PLAN FOR THE ZOPPI RESIDENCE</b> 42 RIDGEDALE AVENUE BLOCK 2801 LOT 19 BOROUGH OF FLORHAM PARK, MORRIS COUNTY, NJ	DRAWING NO. 1 SHEET 1 OF 1
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