

REV	DATE	DESCRIPTION	DRAWN BY
1	10/06/25	ORIGINAL	YG
2	10/20/25	REVISION	YG
3	12/11/25	REVISION	YG
4	01/27/26	REVISION	YG
5	03/23/26	REVISION	YG

**EXISTING COVERAGES**

SCALE: 1" = 20'

GRAPHIC SCALE: 1" = 20'

**EXISTING CONDITIONS**

DWELLING = 3,226 SF  
 PORCH = 92 SF  
 SUN ROOM = 70 SF  
 DRIVEWAY = 2,586 SF  
 FRONT WALKWAY & STEPS = 287 SF  
 CONCRETE (DRIVEWAY) = 117 SF  
 SLATE & STEPS = 50 SF  
 A/C = 12 SF  
 POOL PAVEMENT = 800 SF  
 POOL EQUIPMENT = 24 SF  
 REAR WALL = 134 SF

**EXISTING COVERAGES**

DWELLING = 3,226 SF  
 PORCH = 92 SF  
 SUN ROOM = 70 SF  
 DRIVEWAY = 2,586 SF  
 FRONT WALKWAY & STEPS = 287 SF  
 CONCRETE (DRIVEWAY) = 117 SF  
 SLATE & STEPS = 50 SF  
 A/C = 12 SF  
 POOL PAVEMENT = 800 SF  
 POOL EQUIPMENT = 24 SF  
 REAR WALL = 134 SF

**EXISTING COVERAGES**

DWELLING = 3,226 SF  
 PORCH = 92 SF  
 SUN ROOM = 70 SF  
 DRIVEWAY = 2,586 SF  
 FRONT WALKWAY & STEPS = 287 SF  
 CONCRETE (DRIVEWAY) = 117 SF  
 SLATE & STEPS = 50 SF  
 A/C = 12 SF  
 POOL PAVEMENT = 800 SF  
 POOL EQUIPMENT = 24 SF  
 REAR WALL = 134 SF

**EXISTING COVERAGES**

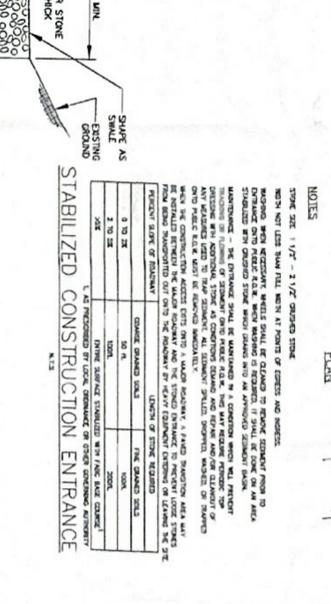
DWELLING = 3,226 SF  
 PORCH = 92 SF  
 SUN ROOM = 70 SF  
 DRIVEWAY = 2,586 SF  
 FRONT WALKWAY & STEPS = 287 SF  
 CONCRETE (DRIVEWAY) = 117 SF  
 SLATE & STEPS = 50 SF  
 A/C = 12 SF  
 POOL PAVEMENT = 800 SF  
 POOL EQUIPMENT = 24 SF  
 REAR WALL = 134 SF

**EXISTING COVERAGES**

DWELLING = 3,226 SF  
 PORCH = 92 SF  
 SUN ROOM = 70 SF  
 DRIVEWAY = 2,586 SF  
 FRONT WALKWAY & STEPS = 287 SF  
 CONCRETE (DRIVEWAY) = 117 SF  
 SLATE & STEPS = 50 SF  
 A/C = 12 SF  
 POOL PAVEMENT = 800 SF  
 POOL EQUIPMENT = 24 SF  
 REAR WALL = 134 SF

**EXISTING COVERAGES**

DWELLING = 3,226 SF  
 PORCH = 92 SF  
 SUN ROOM = 70 SF  
 DRIVEWAY = 2,586 SF  
 FRONT WALKWAY & STEPS = 287 SF  
 CONCRETE (DRIVEWAY) = 117 SF  
 SLATE & STEPS = 50 SF  
 A/C = 12 SF  
 POOL PAVEMENT = 800 SF  
 POOL EQUIPMENT = 24 SF  
 REAR WALL = 134 SF



REV	DATE	DESCRIPTION	DRAWN BY
1	10/06/25	ORIGINAL	YG
2	10/20/25	REVISION	YG
3	12/11/25	REVISION	YG
4	01/27/26	REVISION	YG
5	03/23/26	REVISION	YG

**EXISTING COVERAGES**

SCALE: 1" = 20'

GRAPHIC SCALE: 1" = 20'

**EXISTING CONDITIONS**

DWELLING = 3,226 SF  
 PORCH = 92 SF  
 SUN ROOM = 70 SF  
 DRIVEWAY = 2,586 SF  
 FRONT WALKWAY & STEPS = 287 SF  
 CONCRETE (DRIVEWAY) = 117 SF  
 SLATE & STEPS = 50 SF  
 A/C = 12 SF  
 POOL PAVEMENT = 800 SF  
 POOL EQUIPMENT = 24 SF  
 REAR WALL = 134 SF

**EXISTING COVERAGES**

DWELLING = 3,226 SF  
 PORCH = 92 SF  
 SUN ROOM = 70 SF  
 DRIVEWAY = 2,586 SF  
 FRONT WALKWAY & STEPS = 287 SF  
 CONCRETE (DRIVEWAY) = 117 SF  
 SLATE & STEPS = 50 SF  
 A/C = 12 SF  
 POOL PAVEMENT = 800 SF  
 POOL EQUIPMENT = 24 SF  
 REAR WALL = 134 SF

**EXISTING COVERAGES**

DWELLING = 3,226 SF  
 PORCH = 92 SF  
 SUN ROOM = 70 SF  
 DRIVEWAY = 2,586 SF  
 FRONT WALKWAY & STEPS = 287 SF  
 CONCRETE (DRIVEWAY) = 117 SF  
 SLATE & STEPS = 50 SF  
 A/C = 12 SF  
 POOL PAVEMENT = 800 SF  
 POOL EQUIPMENT = 24 SF  
 REAR WALL = 134 SF

**EXISTING COVERAGES**

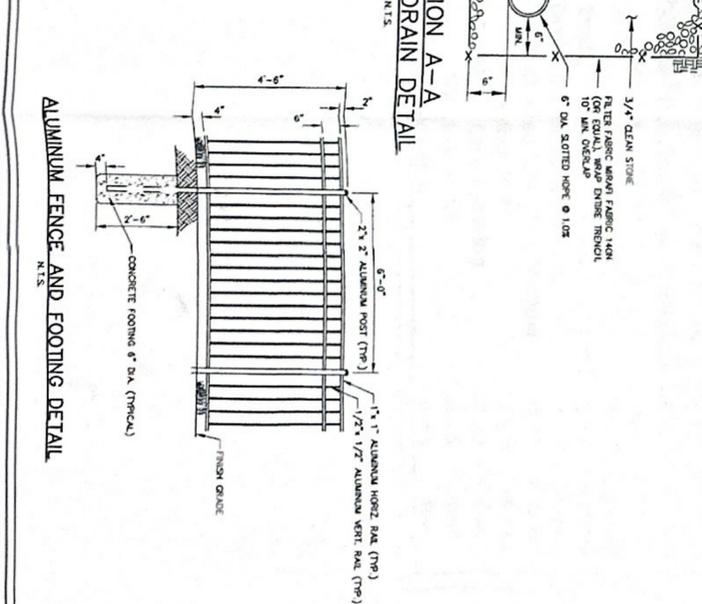
DWELLING = 3,226 SF  
 PORCH = 92 SF  
 SUN ROOM = 70 SF  
 DRIVEWAY = 2,586 SF  
 FRONT WALKWAY & STEPS = 287 SF  
 CONCRETE (DRIVEWAY) = 117 SF  
 SLATE & STEPS = 50 SF  
 A/C = 12 SF  
 POOL PAVEMENT = 800 SF  
 POOL EQUIPMENT = 24 SF  
 REAR WALL = 134 SF

**EXISTING COVERAGES**

DWELLING = 3,226 SF  
 PORCH = 92 SF  
 SUN ROOM = 70 SF  
 DRIVEWAY = 2,586 SF  
 FRONT WALKWAY & STEPS = 287 SF  
 CONCRETE (DRIVEWAY) = 117 SF  
 SLATE & STEPS = 50 SF  
 A/C = 12 SF  
 POOL PAVEMENT = 800 SF  
 POOL EQUIPMENT = 24 SF  
 REAR WALL = 134 SF

**EXISTING COVERAGES**

DWELLING = 3,226 SF  
 PORCH = 92 SF  
 SUN ROOM = 70 SF  
 DRIVEWAY = 2,586 SF  
 FRONT WALKWAY & STEPS = 287 SF  
 CONCRETE (DRIVEWAY) = 117 SF  
 SLATE & STEPS = 50 SF  
 A/C = 12 SF  
 POOL PAVEMENT = 800 SF  
 POOL EQUIPMENT = 24 SF  
 REAR WALL = 134 SF



REV	DATE	DESCRIPTION	DRAWN BY
1	10/06/25	ORIGINAL	YG
2	10/20/25	REVISION	YG
3	12/11/25	REVISION	YG
4	01/27/26	REVISION	YG
5	03/23/26	REVISION	YG

**OWNER AND APPLICANT**

LUKASZ KOSCI

#6 INDIAN LANE

**POOL GRADING PLAN**

Block 2103 Lot 6  
 Borough of Flemington  
 Morris County, New Jersey

1 OF 2

**FC Meola**  
 Engineering & Land Surveying

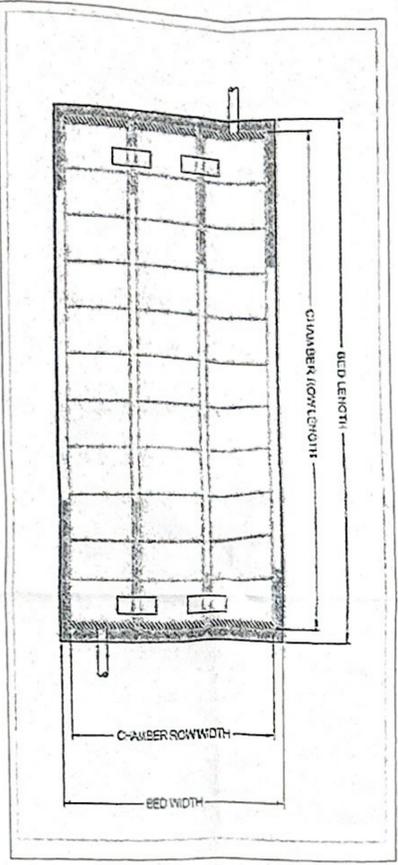
SURVEYING THE PRESENT TO ENGINEER THE FUTURE™

**FREDERICK C. MEOLA**

LICENSED PROFESSIONAL ENGINEER AND LAND SURVEYOR  
 CERTIFICATE OF AUTHORIZATION: No. 246A28140200  
 28 WHIPPANY ROAD, WHIPPANY, NEW JERSEY  
 PHONE (973)538-8863 FAX (973)538-5715  
 N.J. LIC. # 22708

Breakdown of Storage Provided by Recharger 902HD Stormwater System		
Within Chambers	132.46	cu. feet
Within Feed Connectors	-	cu. feet
Within Stone	149.07	cu. feet
<b>Total Storage Provided</b>	<b>281.5</b>	<b>cu. feet</b>
<b>Total Storage Required</b>	<b>200.00</b>	<b>cu. feet</b>

Recharger 902HD		
Total Number of Chambers Required	2	pieces
Chamber Units	2	pieces
End Caps	2	pieces
HVLV FC-48 Feed Connectors	0	pieces
CULTEC No. 410 Non-Woven Geotextile	54	sq. yards
CULTEC No. 4800 Woven Geotextile	17	feet
Stone	14	cu. yards



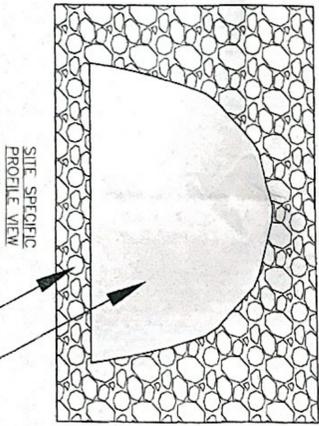
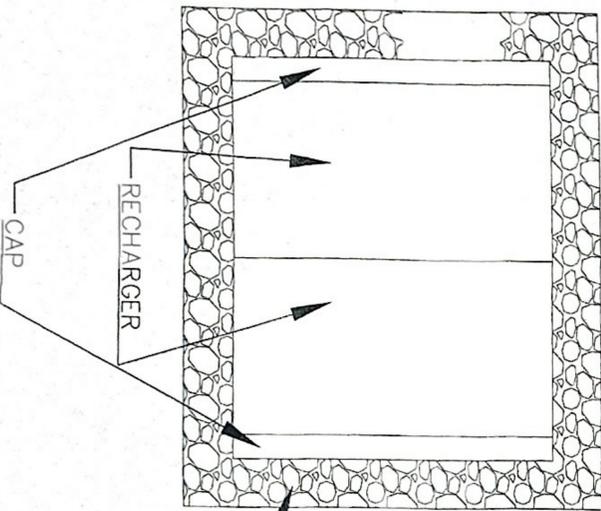
GENERIC DETAIL

Bed Layout Information		
Number of Rows Wide	1	pieces
Number of Chambers Long	2	pieces
Chamber Row Width	6.50	feet
Chamber Row Length	8.34	feet
Bed Width	8.50	feet
Bed Length	10.34	feet
Bed Area Required	87.85	sq. feet
Length of Separator Row	N/A	feet

STORAGE REQUIRED

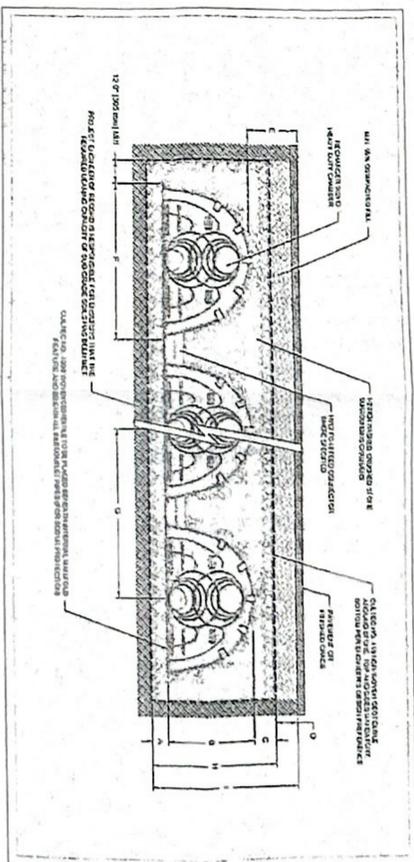
POOL PAVO = 800 SF  
 800 \* 0.25 = 200.00 SF  
 NOTE: SOIL PERMEABILITY TEST TO BE PERFORMED PRIOR TO INSTALLATION OF SEEPAGE PITS. NOTIFY DESIGN ENGINEER 72 HRS IN ADVANCE. DESIGN SUBJECT TO MODIFICATION BASED ON SOIL PERMEABILITY.

SITE SPECIFIC TOP VIEW



SITE SPECIFIC PROFILE VIEW

Recharger 902HD Chamber Specifications		
Height	48.0	inches
Width	78.0	inches
Length	4.10	feet
Installed Length	3.67	feet
Bare Chamber Volume	63.47	cu. feet
Installed Chamber Volume	99.22	cu. feet



GENERIC DETAIL

Cross Section Table Reference		
A	Depth of Stone Base	9.0 inches
B	Chamber Height	48.0 inches
C	Depth of Stone Above Units	12.0 inches
D	Depth of 95% Compacted Fill	12.0 inches
E	Max. Depth Allowed Above the Chamber	8.33 feet
F	Chamber Width	78.0 inches
G	Center to Center Spacing	7.25 feet
H	Effective Depth	5.75 feet
I	Bed Depth	6.75 feet

OWNER AND APPLICANT  
 LUKASZ KOSCI  
 #6 INDIAN LANE  
 DETAILS

**FC Meola**  
 Engineering & Land Surveying  
 "SURVEYING THE PRESENT TO ENGINEER THE FUTURE"

*Frederick C. Meola*  
**FREDERICK C. MEOLA**  
 LICENSED PROFESSIONAL ENGINEER AND LAND SURVEYOR  
 CERTIFICATE OF AUTHORIZATION: No. 24GA28140200  
 28 WHIPPANY ROAD, WHIPPANY, NEW JERSEY  
 PHONE (973)538-8863 FAX (973)538-5715  
 N. J. LIC. # 22708

REV	DATE	DESCRIPTION	DRAWN BY
1	10/06/25	ORIGINAL	YG
2	10/20/25	REVISION	YG
3	12/11/25	REVISION	YG
4	01/27/26	REVISION	YG
5	03/23/26	REVISION	YG