

**COMPLETE THIS FORM WHEN DROPPING OFF ANY
CORRESPONDENCE AND/OR PLANS TO THE HOWARD COUNTY
DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS COUNTER:**

Date: 11/8/23 ONLINE SUBMITTAL PAPER SUBMITTAL

To: Plan review (Reviewer/Requestor's Name) (Division) _____

From: Matt Caudle (Your Name, Company Name) 443 628 7502 (Phone Number)

Subject: Project name Caudle retaining wall
 Project site address 7183 Brooks rd Highland MD 20777
 Permit # B23004406 SDP # _____
 Other information pertinent to this project _____

Please check the attachments below that you are submitting with this transmittal:

- Letter of response to address plan review comment letter
- Revised plans and/or revised details: When submitting for a complete re-review, **duplicate sets shall be submitted.**
- Letter Summarizing Changes
- Energy conservation calculations
- Copies of _____ (be specific).
- _____ Health Department Request DPZ/ DED Request Applicant's Request
- Two sets of single-family model plans to be placed on permanent file: Model name and/or # _____
- Other _____

Contact Person Information: (Required)

Matt Caudle Telephone No: 443 628 7502
 Please Print Name E-Mail Address: Mcaudle1987@yahoo.com

PLEASE ASSURE ALL DOCUMENTS AND/OR REVISIONS ARE APPROPRIATELY SIGNED AND SEALED, IF NECESSARY, BY A LICENSED ARCHITECT OR ENGINEER. PLEASE BE ADVISED THAT INSUFFICIENT INFORMATION MAY RESULT IN THE DELAY OF REVIEW BY THE PLANS EXAMINER. THE DEPARTMENT OF INSPECTIONS, LICENSES AND PERMITS WILL CONTACT YOU IF THERE IS A PROBLEM. IN ADDITION, ONCE THE BUILDING PERMIT IS APPROVED BY THE PLAN REVIEW DIVISION AND ALL OTHER REQUIRED SIGNATORY AGENCIES, AND THE BUILDING PERMIT IS READY FOR ISSUANCE, THE PERMIT DIVISION WILL NOTIFY THE APPROPRIATE CONTACT PERSON FOR PERMIT PICK UP. ALL PERMIT STATUS INQUIRIES SHALL BE DIRECTED TO THE PERMIT DIVISION AT 410-313-2455 OPTION #4 OR BY VISITING MYHOWARD.INFO. CODE RELATED QUESTIONS AND PLAN REVIEW INQUIRIES SHALL BE DIRECTED TO THE PLAN REVIEW DIVISION AT 410-313-2436. PLEASE ALLOW A MINIMUM OF FIVE (5) WORKING DAYS FOR ANY PLAN SUBMITTALS TO BE REVIEWED. THANK YOU.

Received by TR
 White-Plan Review / Yellow-Applicant / Pink-Permit Division
 t:\Operations\Updated forms\HoCoTransmittalForm05.2022

Rev #1

RECEIVED
 NOV 08 2023
 LICENSES & PERMITS
 DIVISION

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9. "Dead Man" Detail
10. Back Wall Grading Detail



PROFESSIONAL CERTIFICATION:
 I certify that these documents were prepared or approved by me, and that I am a duly Licensed Professional Engineer Under the laws of the State of Maryland, License Number: **24995** Expiration Date: 2024-04-20

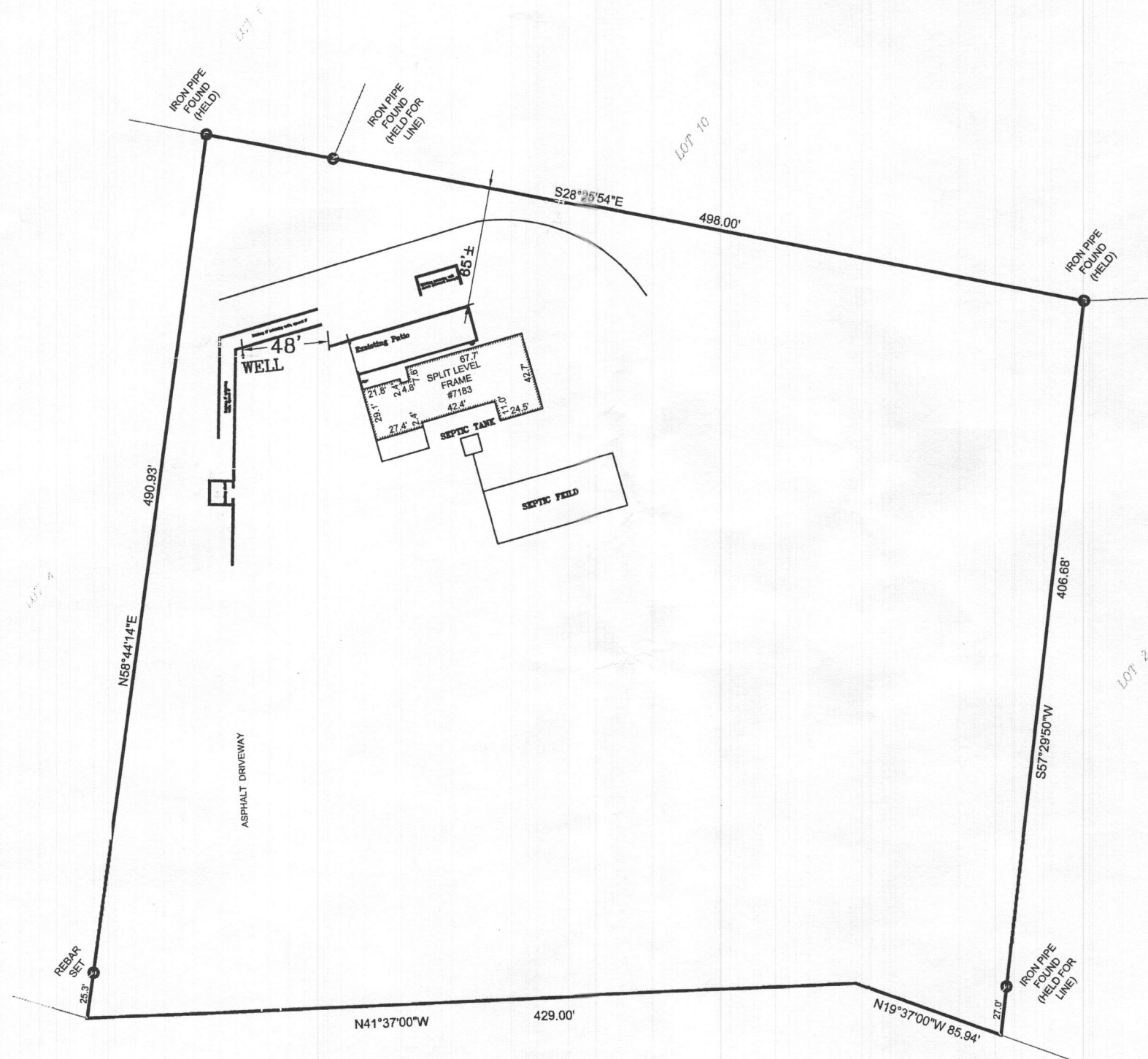
Date	Revision	By

Property address:	7183 Brooks rd, Highland, MD 20777	
Map	Grid	Parcel
0040	0010	0254
Sheet	1 of 11 Proposed ground mount location	



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Date	Revision	By

Property address:	7183 Brooks rd, Highland, MD 20777	
Map	Grid	Parcel
0040	0010	0254
Sheet	2 of 11 Full lot	

LOT 10

S28°25'54"E

498.00'

IRC FOU (HELD F LINE)

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90.93'



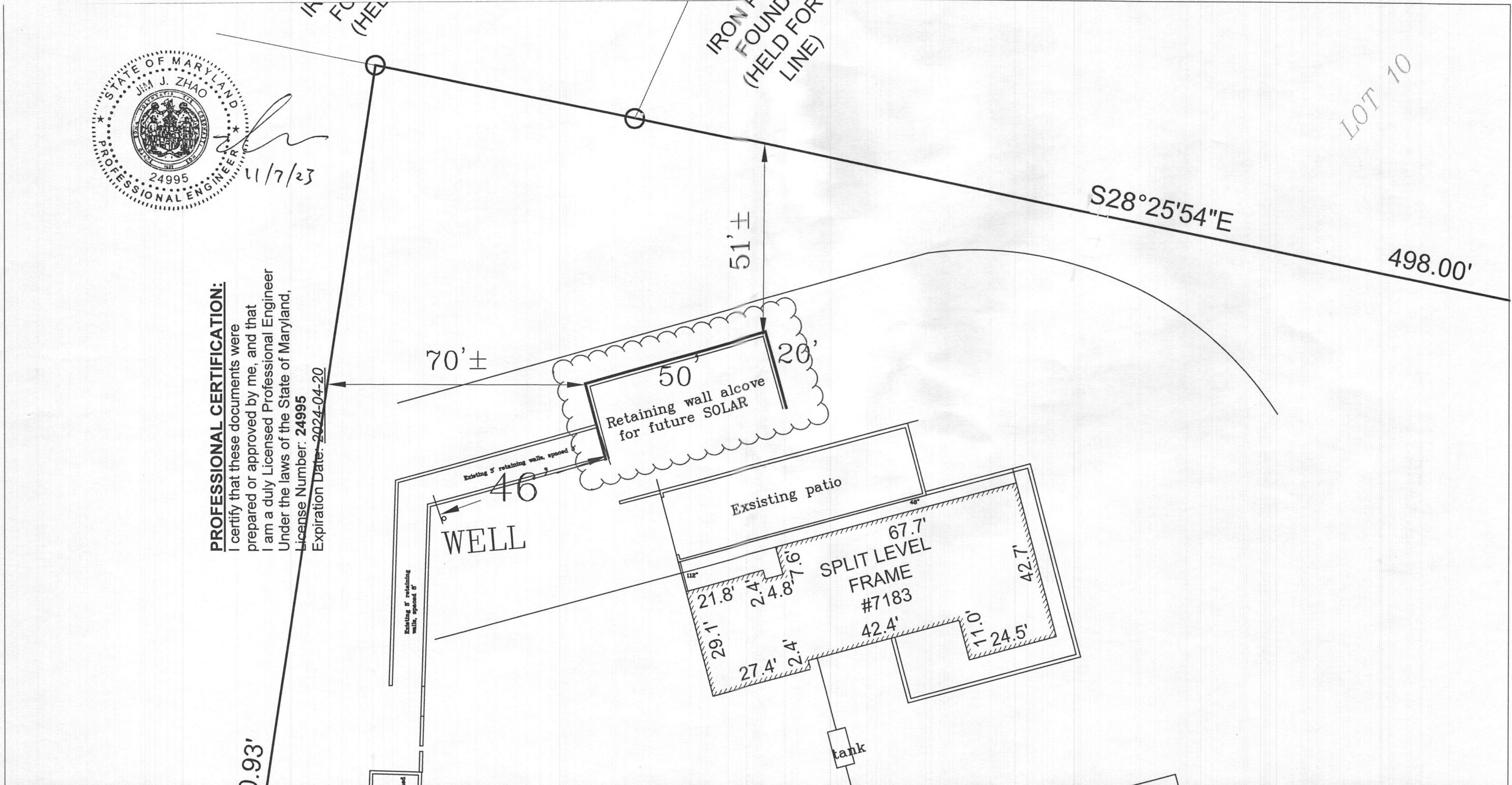
Date	Revision	By

Property address:	7183 Brooks rd, Highland, MD 20777	
Map	Grid	Parcel
0040	0010	0254
Sheet	3 of 11 Existing Close Up	



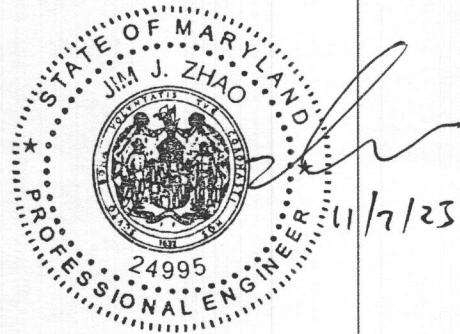
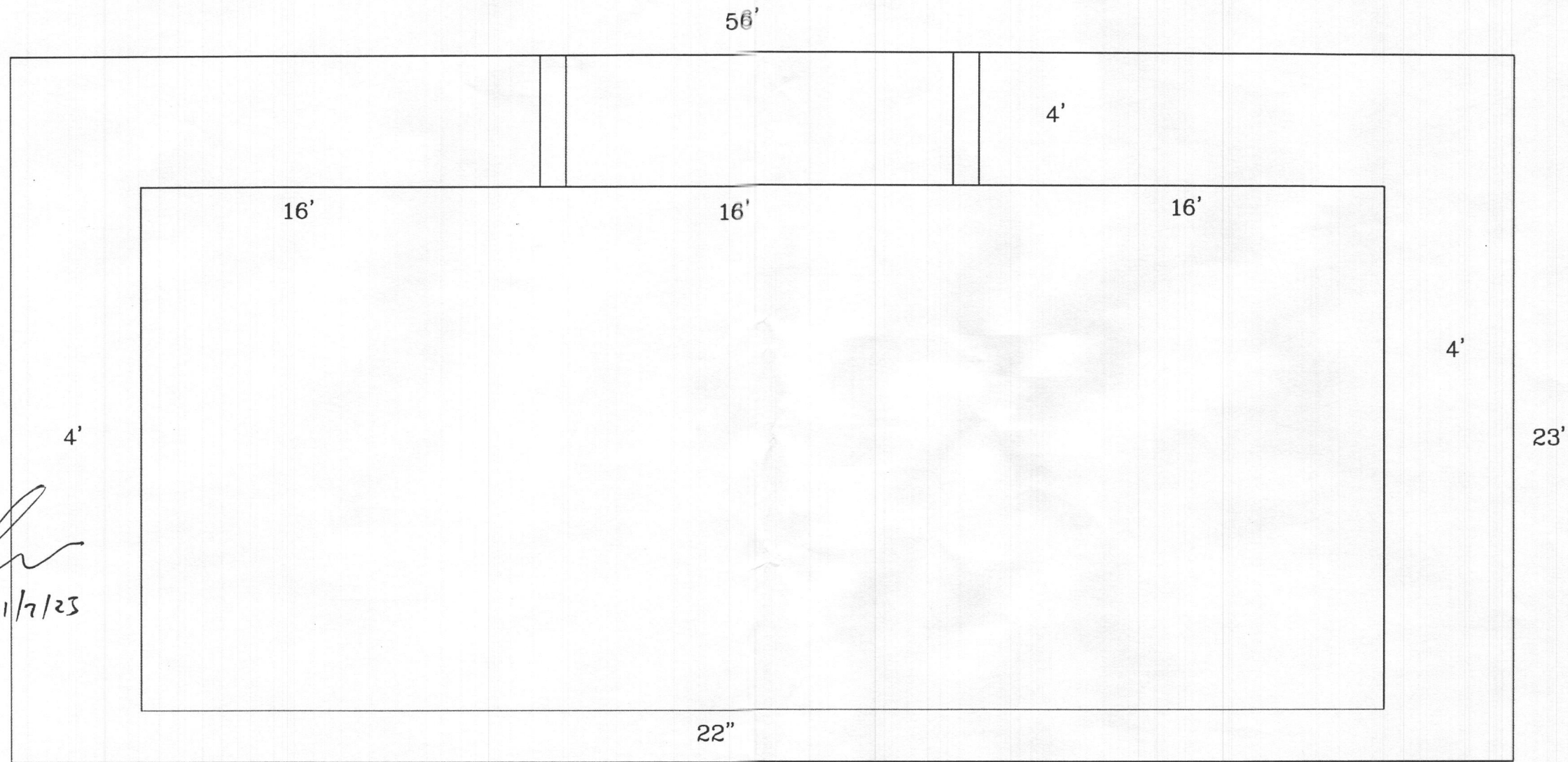
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Map	Grid	Parcel
0040	0010	0254
Sheet	4 of 11 Proposed ground mount location	



PROFESSIONAL CERTIFICATION:

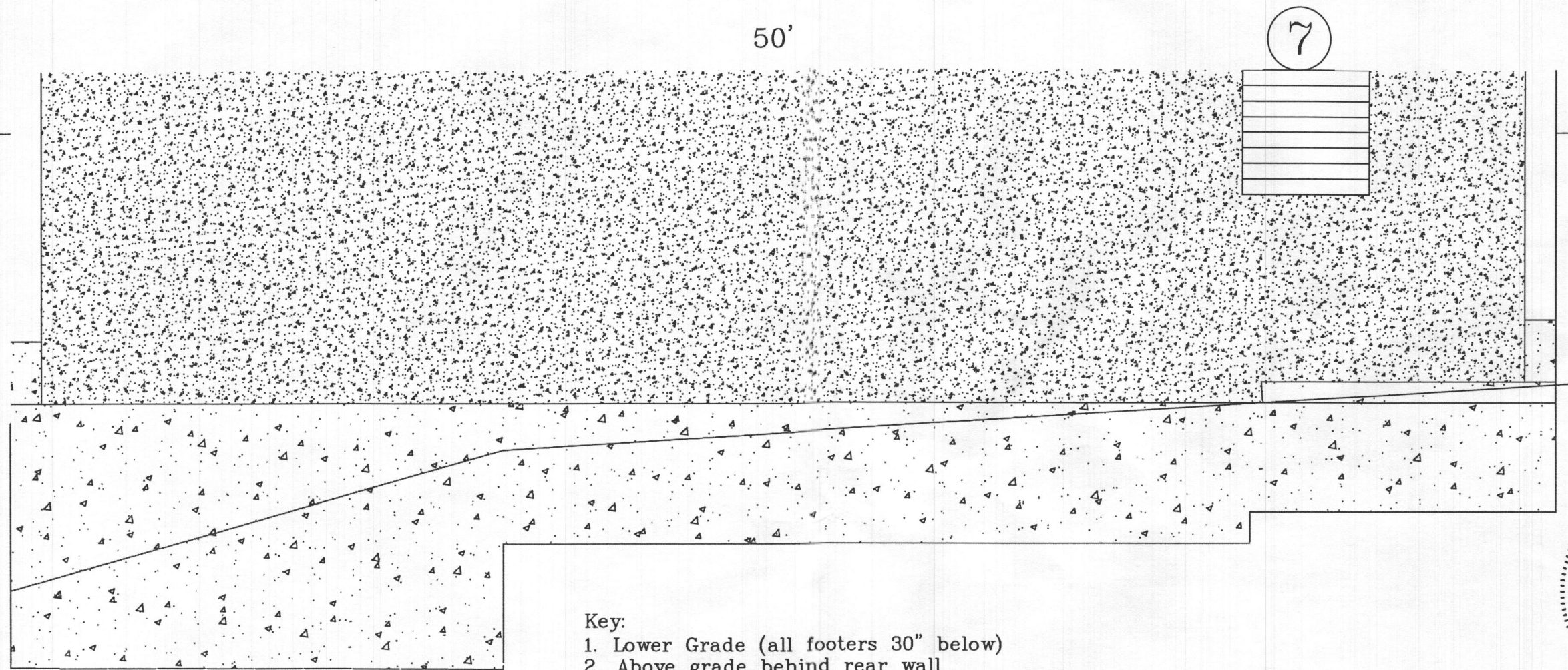
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Key:

1. Rear and side footers are 4' wide
2. Front footer is 22" wide
3. 2 @ "Dead man" (detail provided) on back wall, 12" thick
4. All walls are 12" thick
5. Finished footprint is 50x20'

Date	Revision	By

Property address:	7183 Brooks rd, Highland, MD 20777	
Map	Grid	Parcel
0040	0010	0254
Sheet	5 of 11 Solar GM Footing Detail	



Key:

1. Lower Grade (all footers 30" below)
2. Above grade behind rear wall
3. Walls are 12" thick
4. #4 rebar used spaced 16" OC both vertically and horizontally
5. Retaining wall is holding back 0" of dirt on the low side
6. Retaining wall is holding back 96" of dirt on the high side
7. Cutout for future stairs to be filled with wood 6x6s from the back

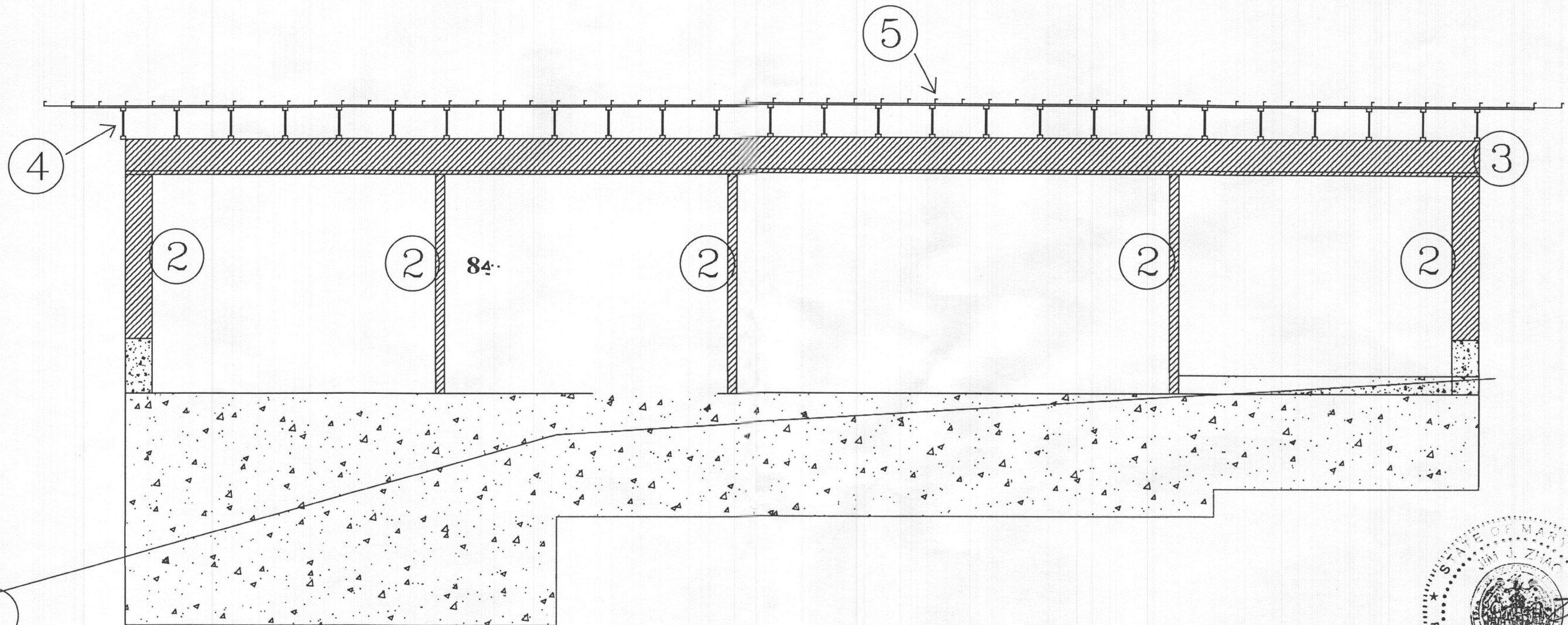


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Date	Revision	By

Property address:	7183 Brooks rd, Highland, MD 20777	
Map	Grid	Parcel
0040	0010	0254
Sheet	6 of 11 Solar GM Front Detail	



PROFESSIONAL CERTIFICATION:

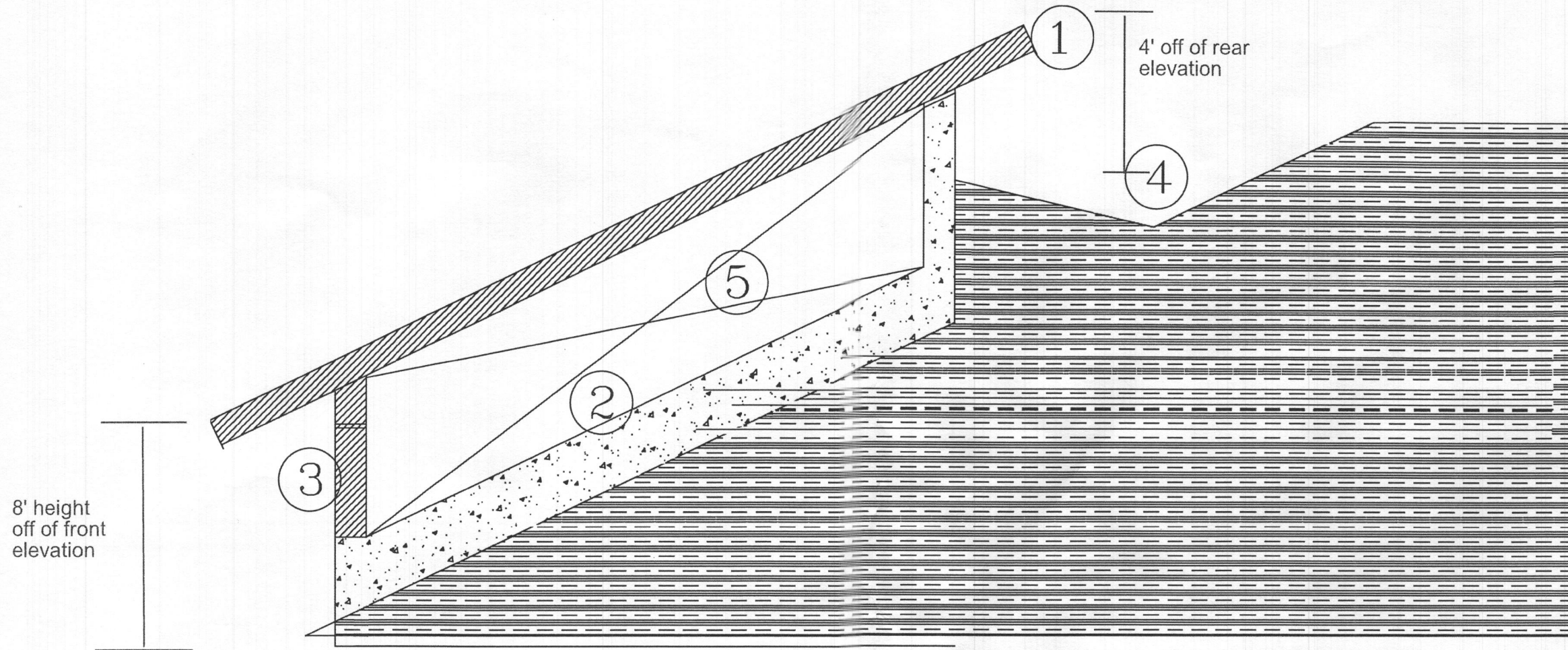
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Key:

- 1. Front Grade
- 2. 4x6 posts to support LVL
- 3. 3@ 14" continuous LVL. Max Span is 16'
- 4. 14" tall engineered I-Joists for roof rafters, spaced 24" OC
- 5. Standing seam metal roofing to accept solar rails

Date	Revision	By

Property address:	7183 Brooks rd, Highland, MD 20777	
Map	Grid	Parcel
0040	0010	0254
Sheet	7 of 11 Solar GM Front Roof Detail	

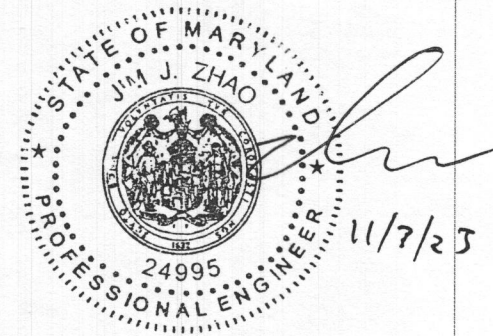


Key:

1. Side view of 14" engineered I-Joist and Standing seam
2. 2' of concrete exposed above grade
3. 3@ treater 4x6 posts to support LVL
4. Swale in grade behind foundation wall
5. 2@ 1/4" steel cable anchored to concrete and wood with turnbuckles to provide lateral support.

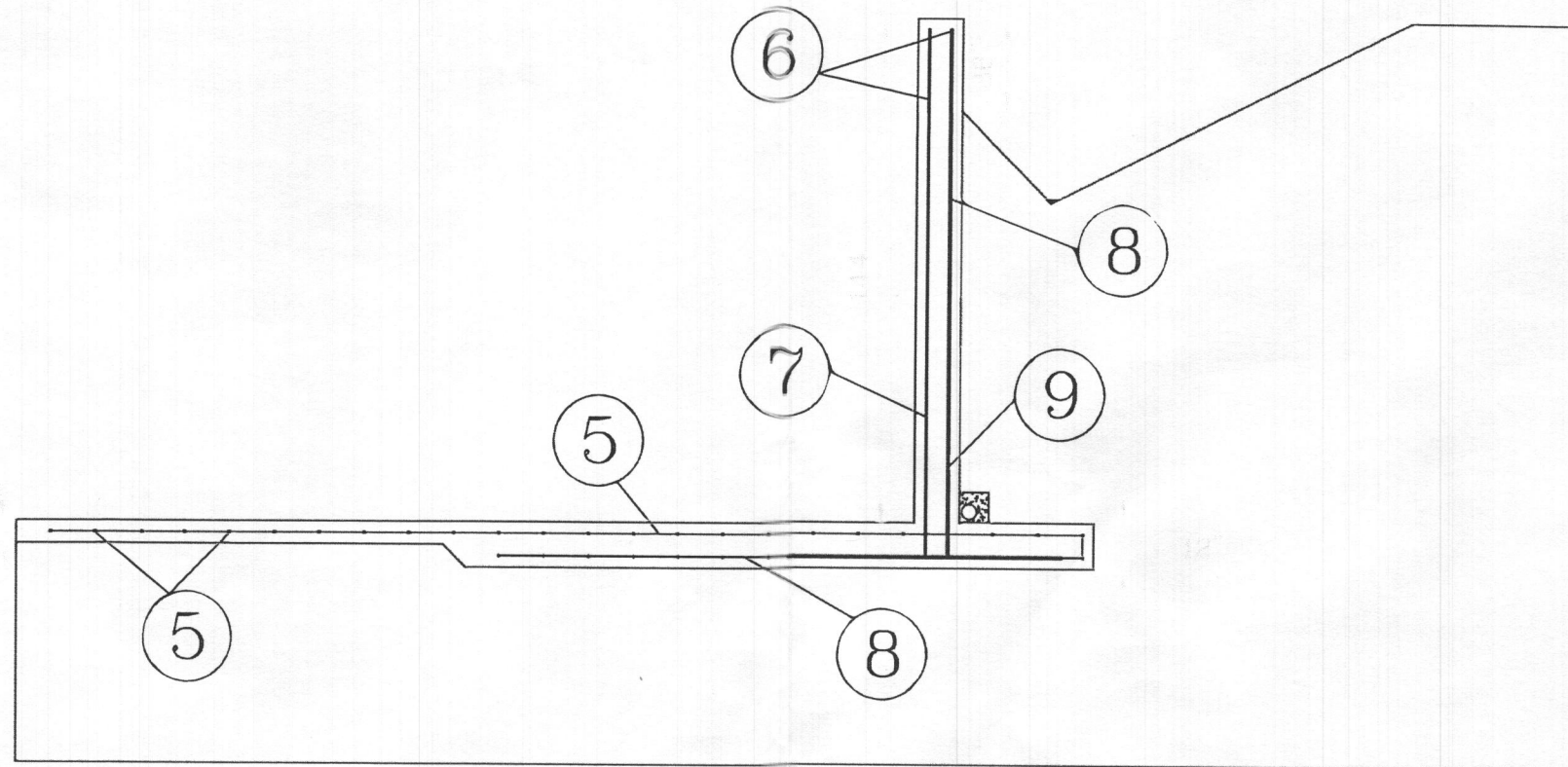
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Map	Grid	Parcel
0040	0010	0254
Sheet	8 of 11 Solar GM Side Detail	



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Key:

1. Slab and footer single pour
2. Slab is 12" thick for the first 10', then 6" thick for the remainder
3. Slab/Footer extends 30" beyond wall on outside
4. Slab to wall rebar is #6 spaced at 12" OC, with 36" overlap in each direction
5. #4 @ 12"
6. #4 @ 18" (typ)
7. #5 @ 18"
8. #6 @ 12"
9. #6 @ 6"

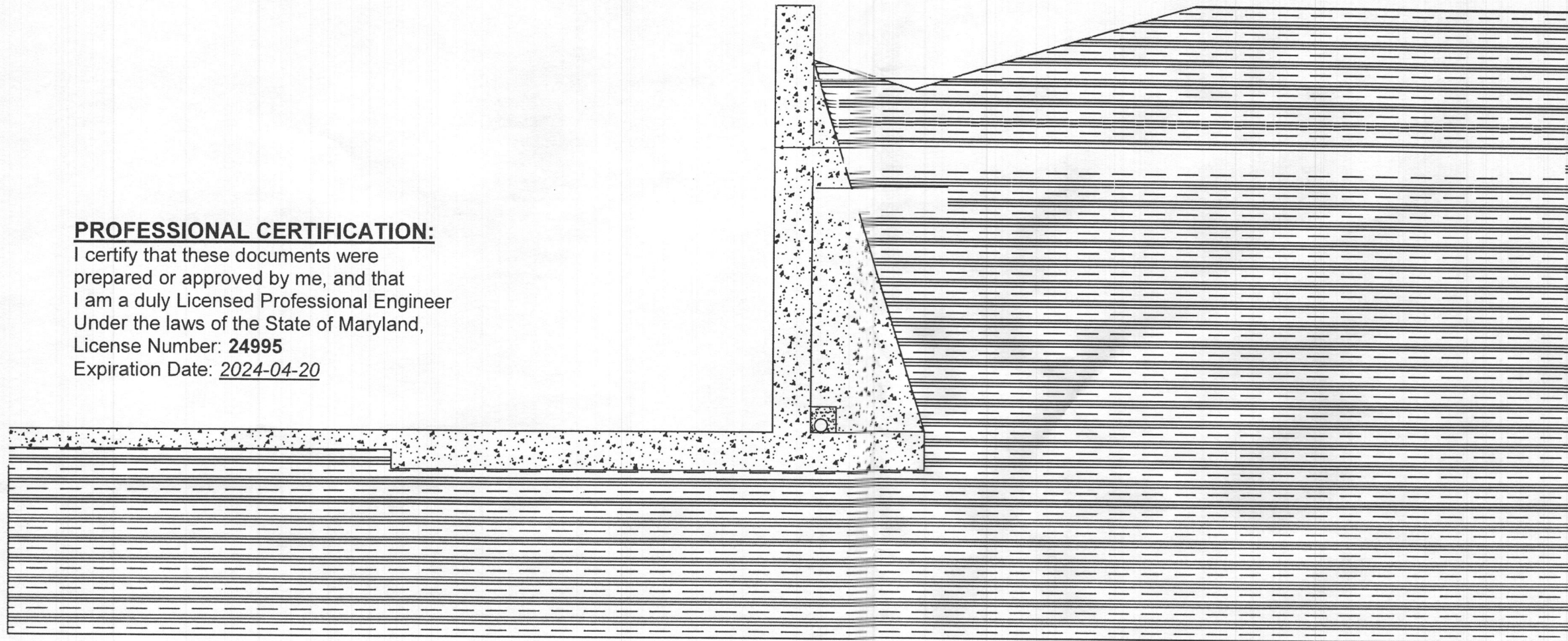


Date	Revision	By

Property address:	7183 Brooks rd, Highland, MD 20777	
Map	Grid	Parcel
0040	0010	0254
Sheet	9 of 11 Solar GM back Wall Detail	

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Key:

1. "Dead Man" begins at the top of wall where earth is touching
2. "Dead Man" extends to the very edge of the footer at the bottom
3. 8"x8" cutout in bottom corner for drain tile
4. 4" drain tile with gravel backfill behind wall

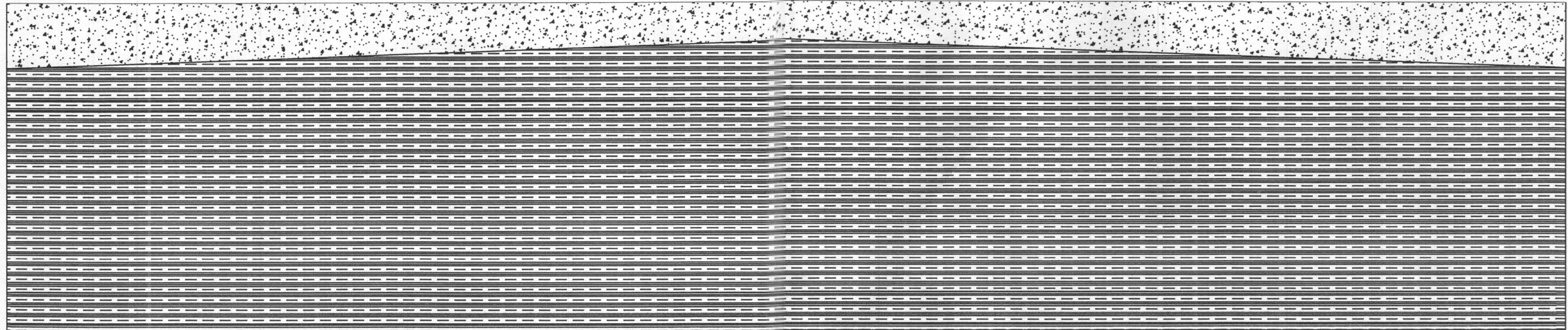


Date	Revision	By

Property address:	7183 Brooks rd, Highland, MD 20777	
Map	Grid	Parcel
0040	0010	0254
Sheet	10 of 11 Solar GM "Dead Man" Detail	

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50'



Key:

1. Wall extends 24" above grade
2. Grade is 10" higher at the midpoint
3. Grade slopes at 3/8" per foot back to wall ends for drainage



Date	Revision	By

Property address:	7183 Brooks rd, Highland, MD 20777	
Map	Grid	Parcel
0040	0010	0254
Sheet	11 of 11 Solar GM Back Wall Grade Detail	