

GENERAL REPAIR NOTES

1. CODE: ALL CONSTRUCTION SHALL COMPLY W/ 2020 FLORIDA BUILDING CODE, RESIDENTIAL, 7TH EDITION.
2. FOUNDATION REMEDIATION PRODUCTS HAVE BEEN SELECTED BY LUX FIELD TECHNICIANS. ENGINEERING TECHNIQUES IS NOT RESPONSIBLE FOR THE SELECTION OR PLACEMENT OF PRODUCTS USED TO REMEDIATE STRUCTURAL DEFICIENCIES. ENGINEERING TECHNIQUES HAS VERIFIED THE ADEQUACY & CAPACITY OF THE REMEDIATION PRODUCTS SHOWN IN THESE DRAWINGS.
3. EXISTING CONSTRUCTION SHOWN ON THESE DRAWINGS HAS BEEN PROVIDED BY LUX FIELD TECHNICIANS. ENGINEERING TECHNIQUES IS NOT RESPONSIBLE FOR THE EXISTING CONSTRUCTION LAYOUT.
4. CONTRACTOR TO PROPERLY CLEAR AREA FOR WORK PRIOR TO THE BEGINNING CONSTRUCTION.
5. CONTRACTOR SHALL VERIFY ALL WRITTEN DIMENSIONS PRIOR TO BEGINNING CONSTRUCTION.
6. CONTRACTOR TO LOCATE ALL UTILITIES IN WORK AREA PRIOR TO BEGINNING CONSTRUCTION.
7. ENGINEER TO BE NOTIFIED IMMEDIATELY IN THE EVENT CONDITIONS ARE ENCOUNTERED THAT IMPACT THE INSTALLATION PROCESS.
8. CONTRACTOR SHALL ADEQUATELY SHORE EXISTING CONSTRUCTION PRIOR TO DEMOLITION. SHORING LOCATION AND DESIGN SHALL BE BY THE CONTRACTOR.
9. ALL PRE-MANUFACTURED ITEMS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.

WOOD GENERAL NOTES

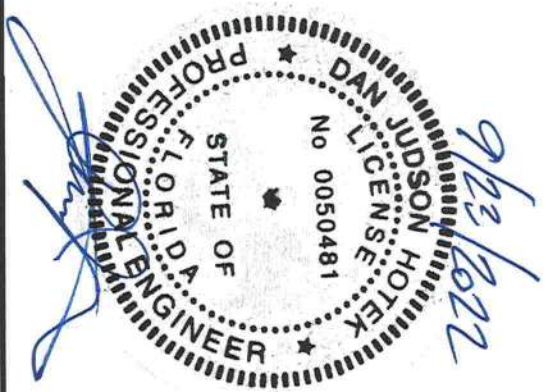
1. ALL FRAMING TO BE #2 SPF UNO.
2. ALL FRAMING IN CONTACT W/ CONCRETE TO BE #2 PT SYP.
3. ALL LVL LUMBER SHALL HAVE Fp = 2950 & E = 2.0 OR BETTER.
4. ALL HARDWARE ADJACENT TO PRESSURE TREATED WOOD TO MEET CURRENT CORROSION STANDARDS.

DRAWING INDEX

BASEMENT WATER SYSTEM	
MATTHEW KNIPE	
802 NW PALM DR	
LAKE CITY, FL 32055	
PROJECT: ET22-311	
DATE: 9/23/2022	
5000	COVER SHEET & NOTES
5001	PLAN VIEW
5002	BASEMENT DRAINAGE
5003	BASEMENT DRAINAGE
5004	BASEMENT DRAINAGE

CONCRETE & MASONRY NOTES

1. ALL CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF $F_c = 3,500$ PSI OR GREATER AND A MAXIMUM SLUMP OF 6".
2. ALL REINFORCING STEEL SHALL CONFORM TO ASTM A615 AND SHALL HAVE A MINIMUM YIELD STRENGTH OF 60,000 PSI.
3. ALL REINFORCING STEEL SHALL BE PLACED AS SHOWN IN THE DRAWINGS AND AS A MINIMUM, 2" CLEAR FROM FORMS AND 3" CLEAR FROM EARTH.
4. ALL CONCRETE MASONRY UNITS TO COMPLY WITH ASTM C-90 AND HAVE MINIMUM COMPRESSIVE STRENGTH OF 1,900 PSI. BLOCK WALL THICKNESS TO COMPLY WITH VUSBC.
5. ALL GROUT SHALL HAVE MINIMUM COMPRESSIVE STRENGTH OF 2,000 PSI



PROJECT No.:	ET22-311
DRAWN BY:	KTM
CHECKED BY:	DJH
DATE:	9/23/2022
SCALE:	AS NOTED
SHEET NUMBER:	S000
SHEET TITLE:	COVER SHEET INDEX & NOTES

FOUNDATION SOLUTIONS

BASEMENT WATER SYSTEM

MATTHEW KNIPE

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LAKE CITY, FL 32055

DAN J. HOTEK, P.E.
 LIC NO 0050481

319 Peakova Lane
 Front Royal, VA 22630

dba: Virginia Engineering Techniques, Inc.
 engtechniques.com
 Ph: (540) 635-1521

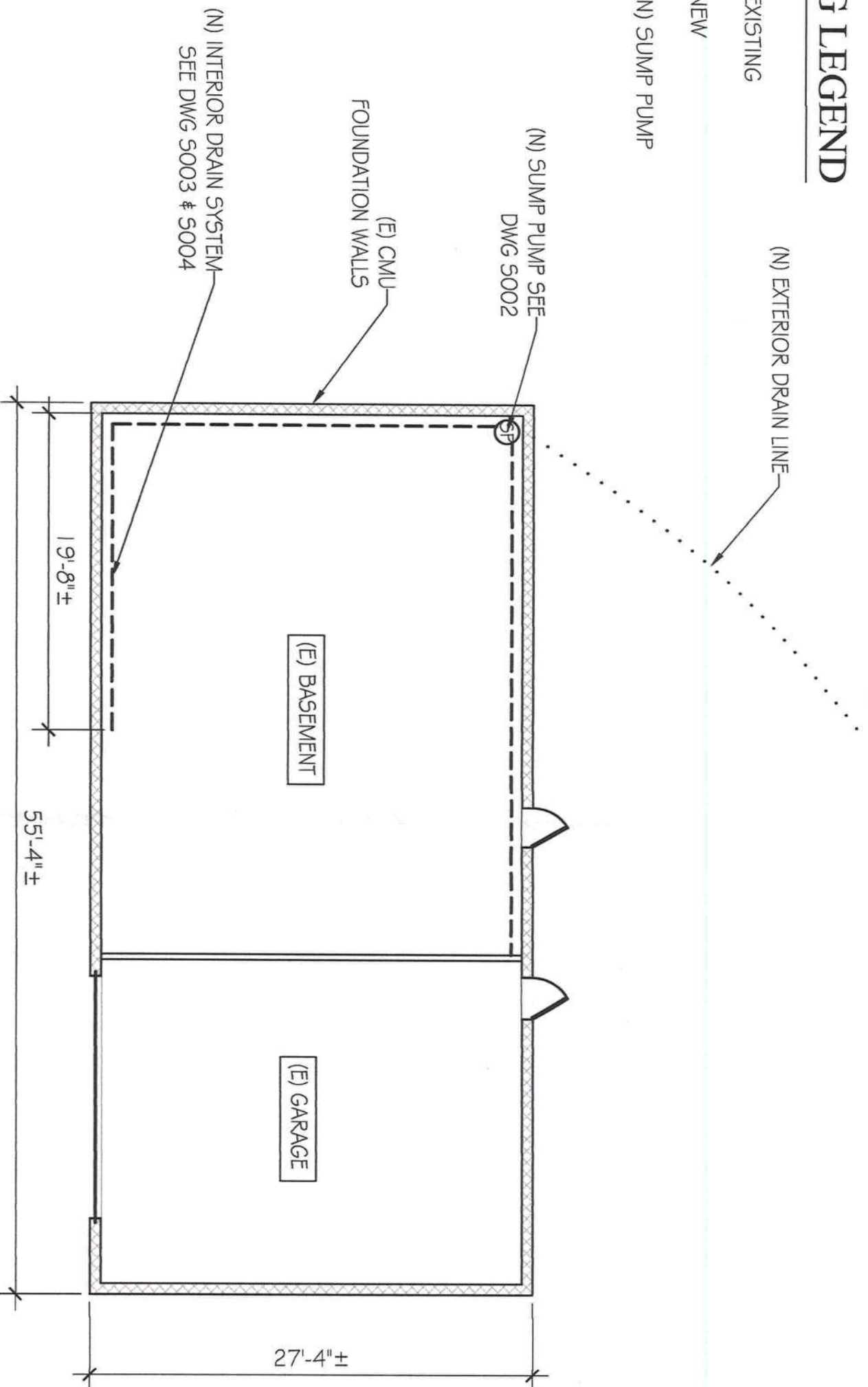
In the beginning God created the heavens and the earth. Genesis 1:1

...making the most of His creation!

DRAWING LEGEND

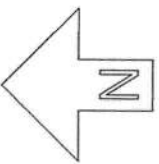
- (E) - EXISTING
- (N) - NEW
-  - (N) SUMP PUMP

SCOPE OF WORK: INSTALL BASEMENT DRAINAGE SYSTEM AND (N) SUMP & PUMP.



1 PLAN VIEW

Scale: 1/8" = 1'-0"



FRONT



PROJECT No.:	ET22-311
DRAWN BY:	KTM
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DATE:	9/23/2022
SCALE:	AS NOTED
SHEET NUMBER:	SHEET TITLE:
S001	PLAN VIEW



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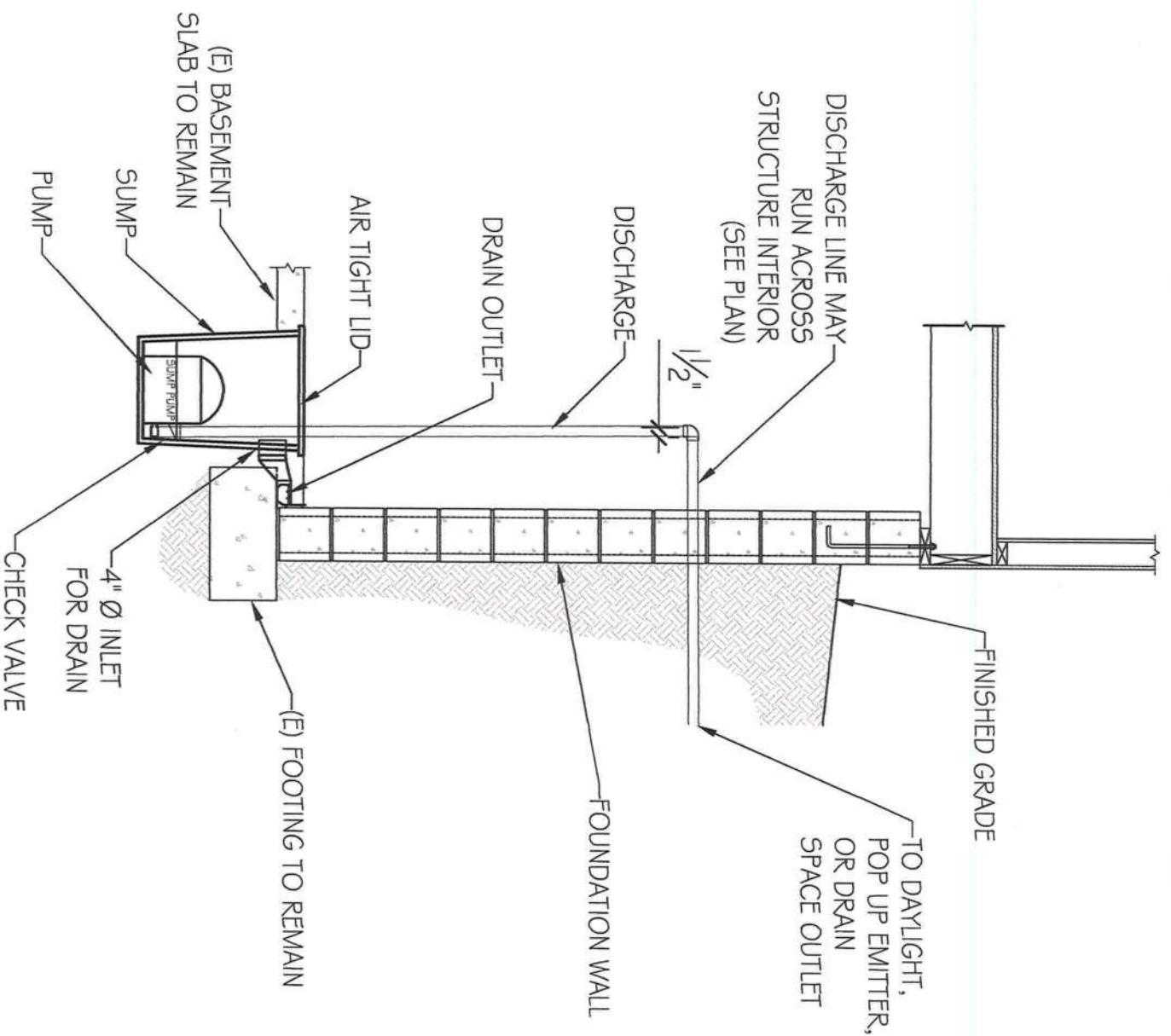
In the beginning God created the heavens and the earth. Genesis 1:1

... making the most of His creation!

FOUNDATION DRAIN NOTES

1. INTERIOR DRAIN SYSTEM MAY BE ADJACENT TO FTG OR ON TOP OF FTG BASED ON SITE CONDITIONS AND CONTRACTORS OPTION.
2. DISCHARGE LOCATION IS SHOWN SCHEMATICALLY ON PLAN. FINAL LOCATION SHALL BE DETERMINED BY CONTRACTOR. DISCHARGE OUTLET SHALL BE PLACED SUCH THAT THE OUTFALL DRAINS AT LEAST 10 FT FROM THE HOUSE, DRAINS AWAY FROM THE HOUSE ON A POSITIVE SLOPE, AND DOES NOT CAUSE A PUBLIC NUISANCE.
3. IF EXISTING DISCHARGE LINES ARE TO BE REUSED, CONTRACTOR SHALL VERIFY THE FUNCTIONALITY OF EXISTING DISCHARGE LINES AND SHALL VERIFY THAT DISCHARGE OUTLET COMPLEES WITH NOTE '2', THIS DWG.
4. CONCRETE REMOVAL TO BE THE MINIMUM REQUIRED TO PROPERLY INSTALL DRAIN SYSTEM



1 TYPICAL SECTION @ PUMP LOCATION

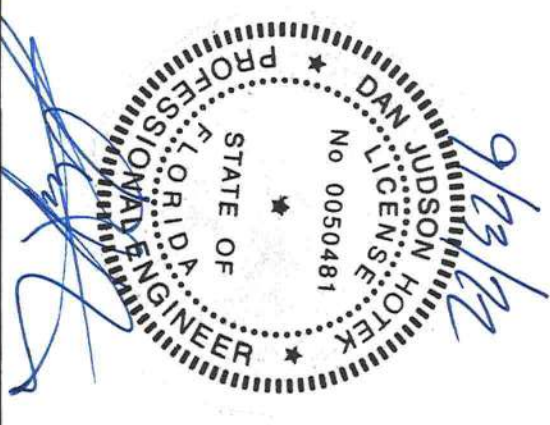
Scale: 1/2" = 1'-0"

PROJECT No.:	FT22-311
DRAWN BY:	KTM
CHECKED BY:	DJH
DATE:	9/23/2022
SCALE:	AS NOTED
SHEET NUMBER:	S002
SHEET TITLE:	BASEMENT DRAINAGE



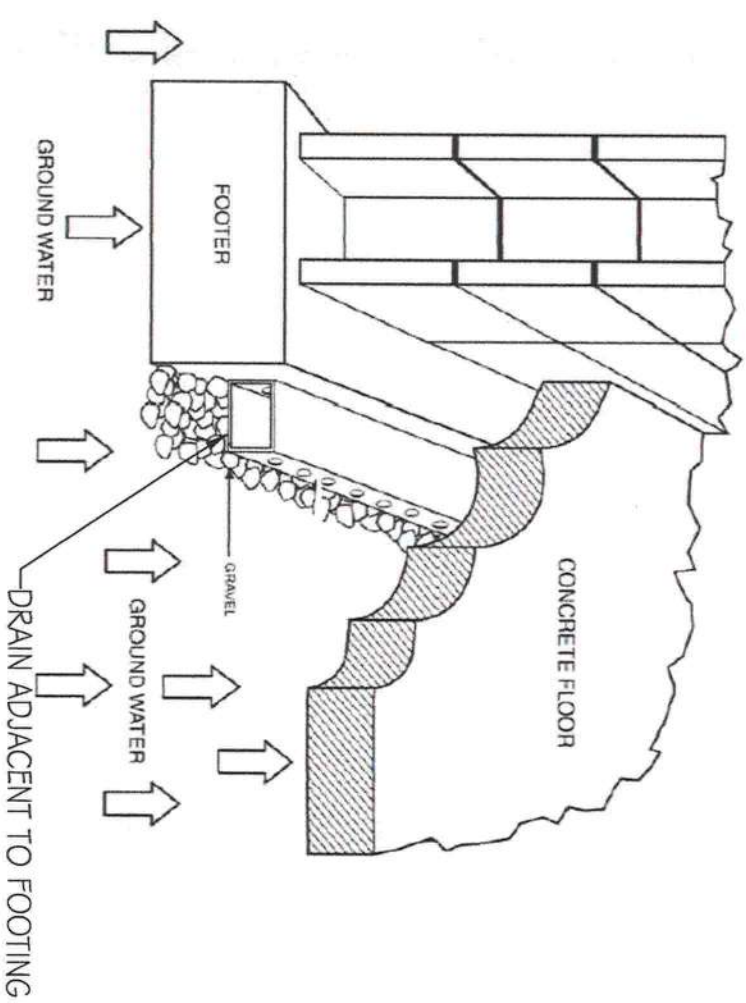
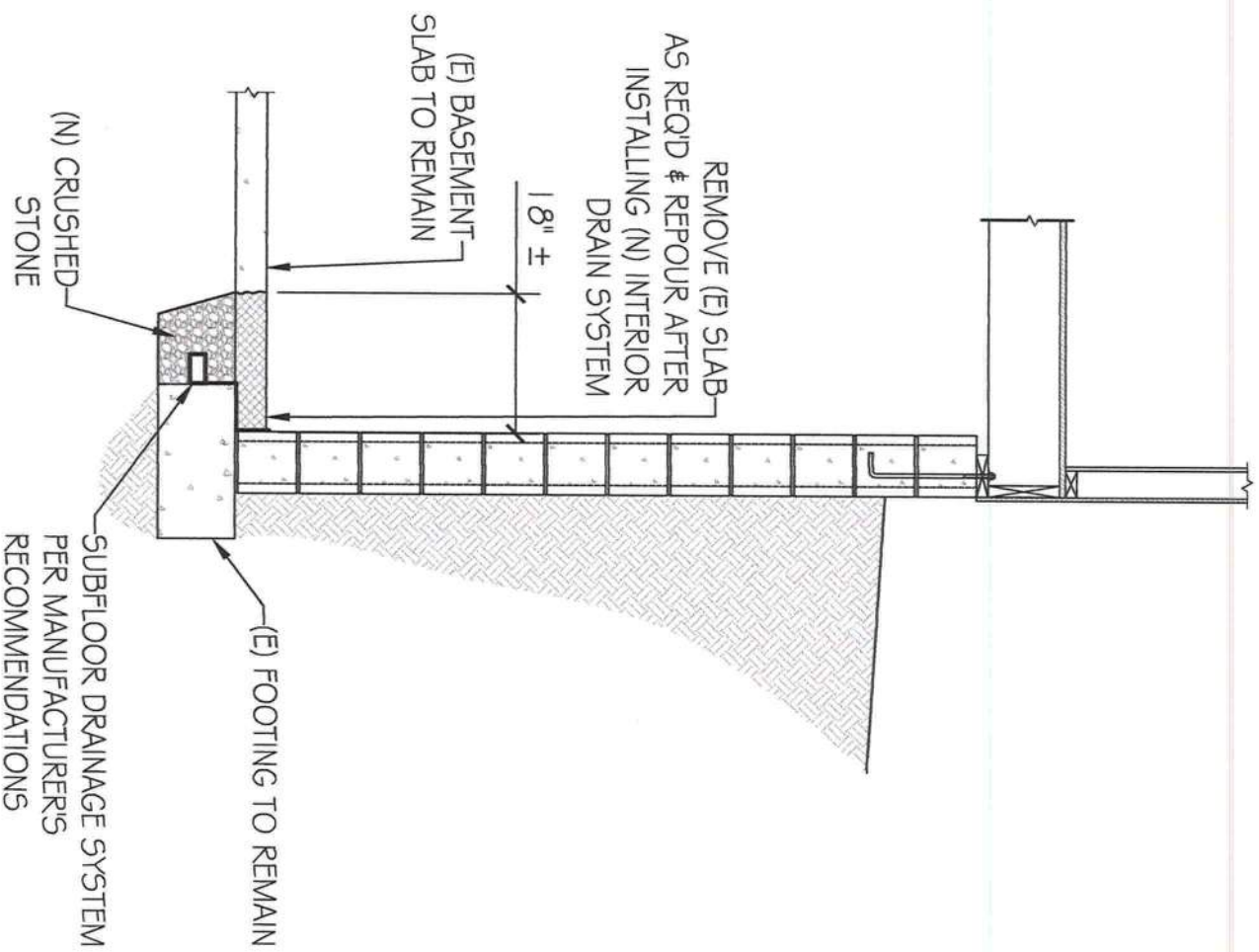
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In the beginning God created the heavens and the earth. Genesis 1:1

... making the most of His creation!



1 DRAIN SYSTEM ADJACENT TO FOOTING

Scale: 1/2" = 1'-0"

Dan Judson
DAN JUDDSON
 LICENSE
 No 0050481
 STATE OF
 FLORIDA
 PROFESSIONAL ENGINEER

PROJECT No.: FT22-311
 DRAWN BY: KTM
 CHECKED BY: DJH
 DATE: 9/23/2022
 SCALE: AS NOTED

SHEET NUMBER: **S003**
 SHEET TITLE: BASEMENT DRAINAGE

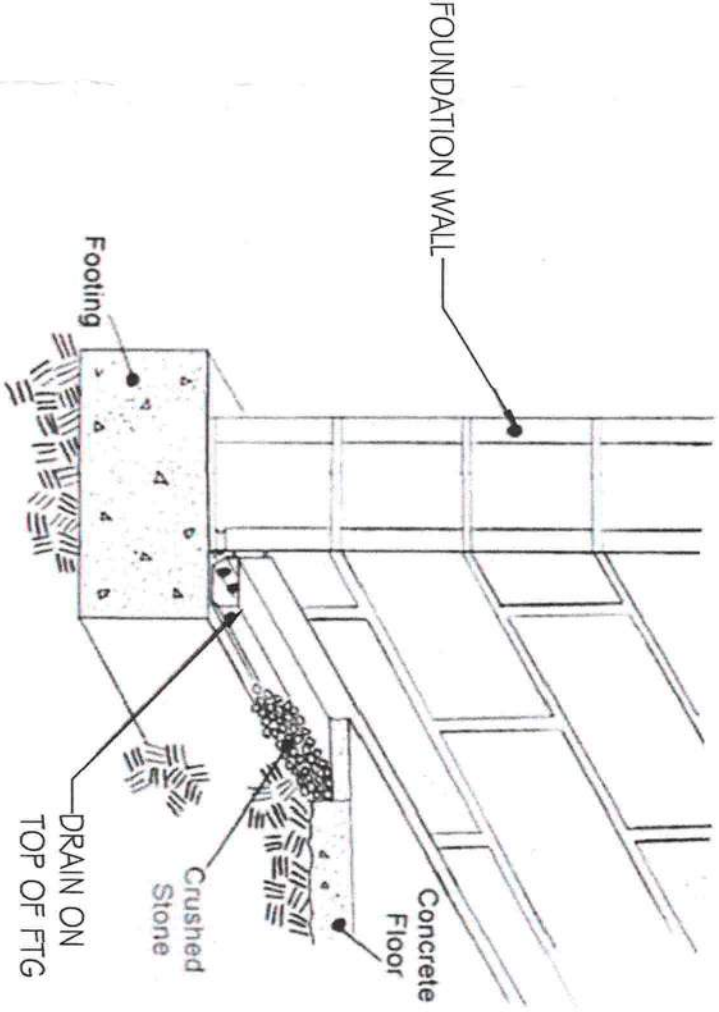
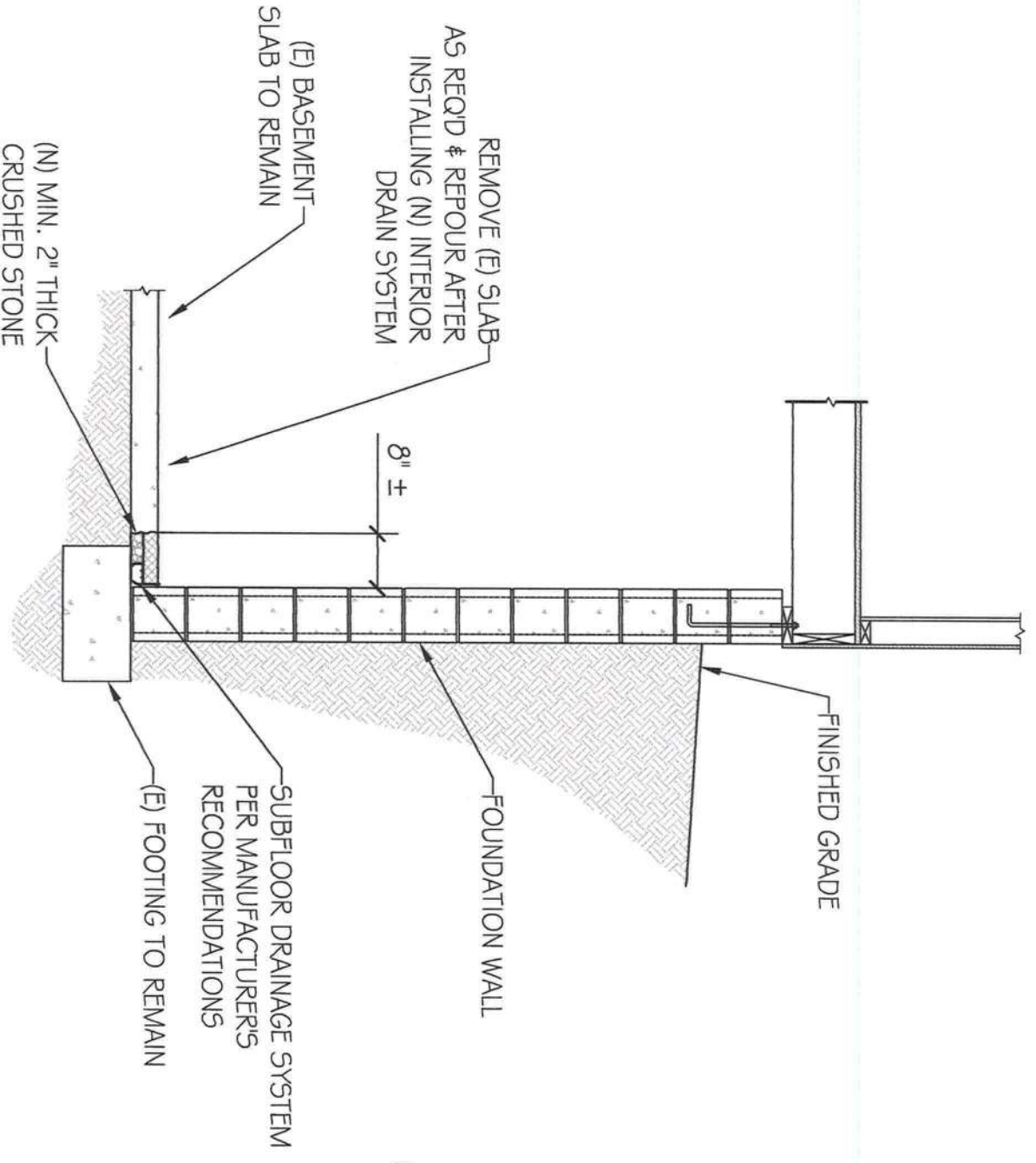


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ENGINEERING TECHNIQUES

In the beginning God created the heavens and the earth. Genesis 1:1
 ... making the most of His creation!



1 DRAIN SYSTEM ON TOP OF FOOTING

Scale: 1/2" = 1'-0"

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SCALE:	AS NOTED
SHEET NUMBER:	S004

FOUNDATION SOLUTIONS

LUX
Foundation Solutions

BASEMENT WATER SYSTEM

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