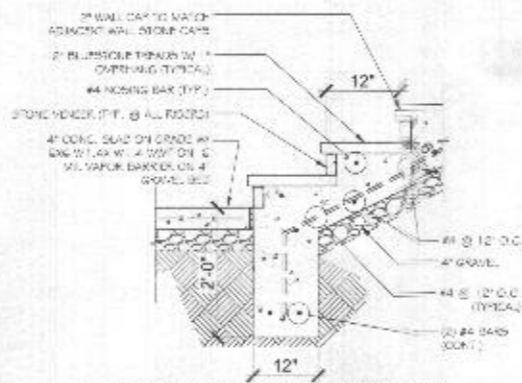
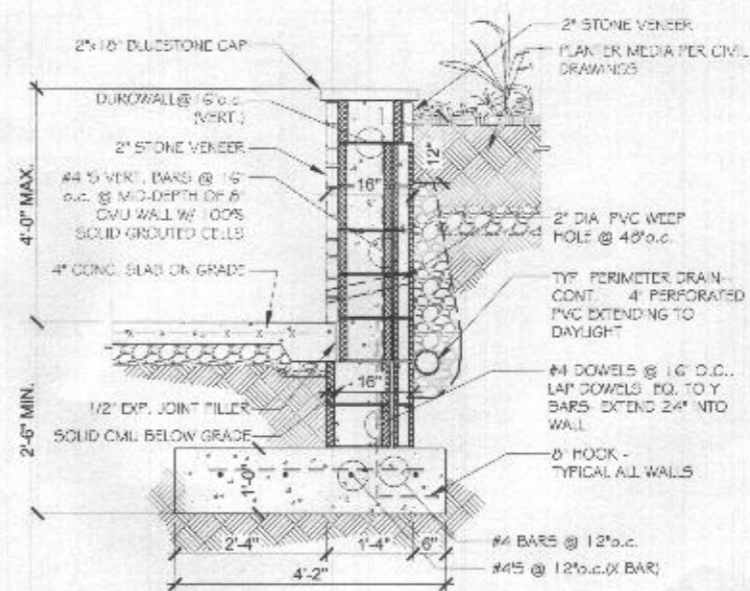


1 SLAB EDGE DETAIL
AS SHOWN SCALE: 3/4" = 1'-0"

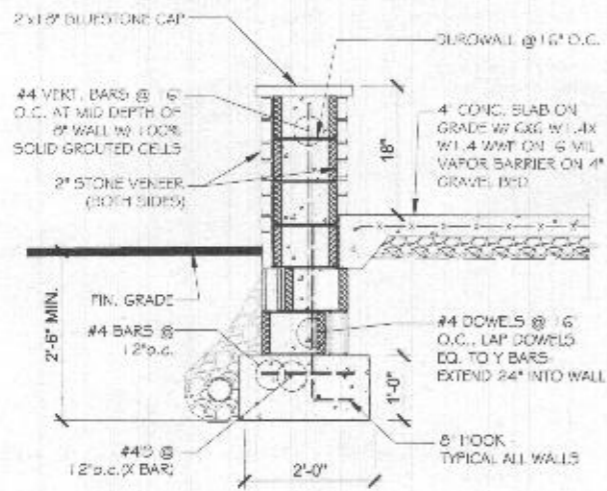


2 STAIR DETAIL (TYPICAL)
AS SHOWN SCALE: 3/4" = 1'-0"



3 RETAINING WALL SECTION
AS SHOWN SCALE: 3/4" = 1'-0"

ALSO REFER TO
RETAINING WALL
DETAILS ON SHEET S105



4 RETAINING WALL SECTION
AS SHOWN SCALE: 3/4" = 1'-0"



ARCHITECTURE

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PROFESSIONAL CERTIFICATION
I hereby certify that these drawings were prepared or approved by me and that I am a duly licensed architect under the laws of the State of Maryland.

License No. 14287
Expiration Date: 01/31/2023



Project

TONY AND CRYSTAL
PULSIRISAROTH
RESIDENCE

PROPOSED GARAGE
ADDITION,
BREEZEWAY AND
POOL AREA

14148 HOWARD ROAD
DAYTON, MD. 21036

Drawing Title

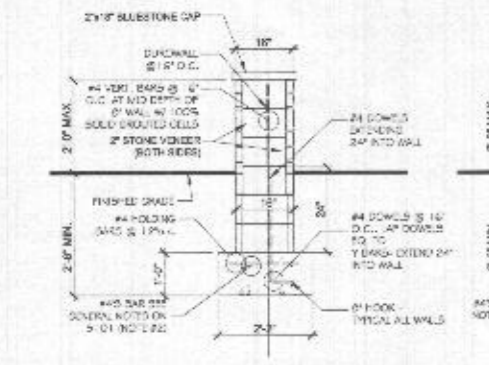
DETAILS

Date Issue
SEPT. 27, 2021 PERMIT DRAWINGS

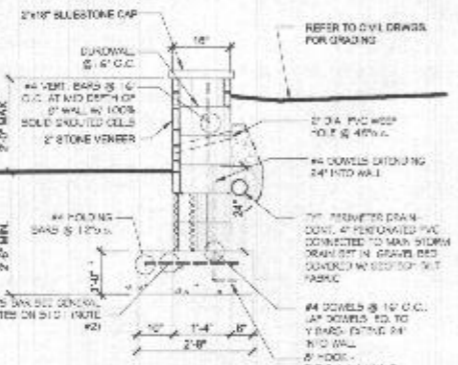
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Checked By
Job No.

Sheet No.

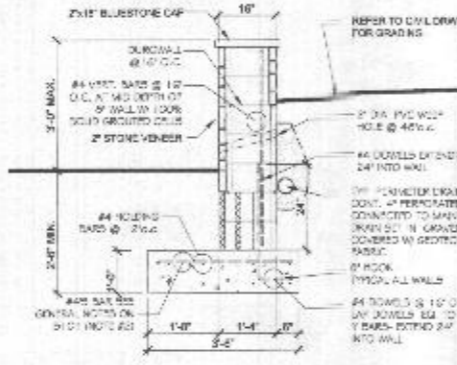
A310



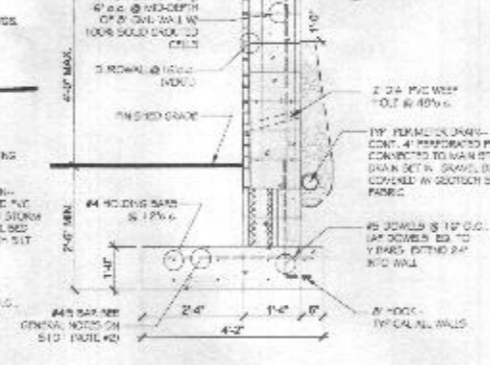
1 TYP. @ GRADE WALL SECTION
S105 SCALE: 1/2" = 1'-0"



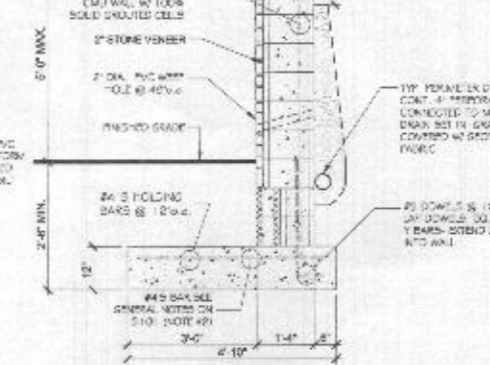
2 TYP. 2'-0" WALL SECTION
S105 SCALE: 1/2" = 1'-0"



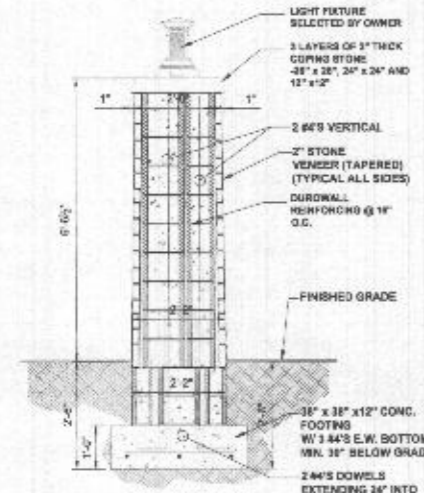
3 TYP. 3'-0" WALL SECTION
S105 SCALE: 1/2" = 1'-0"



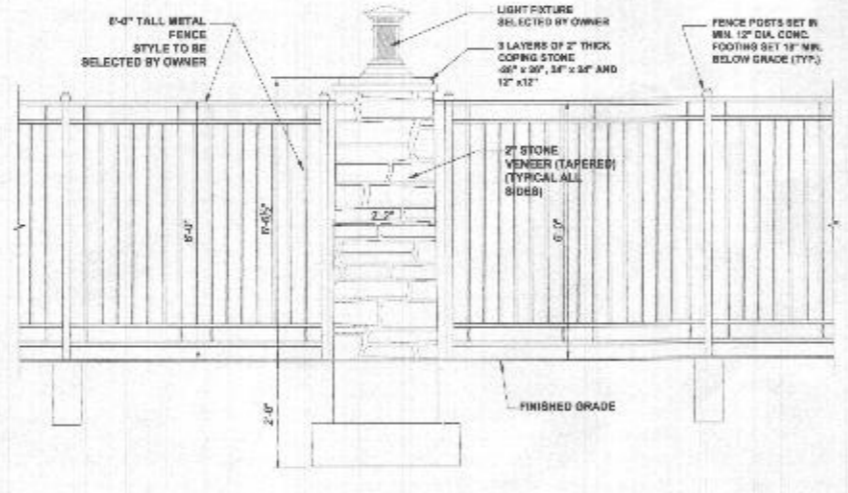
4 TYP. 4'-0" WALL SECTION
S105 SCALE: 1/2" = 1'-0"



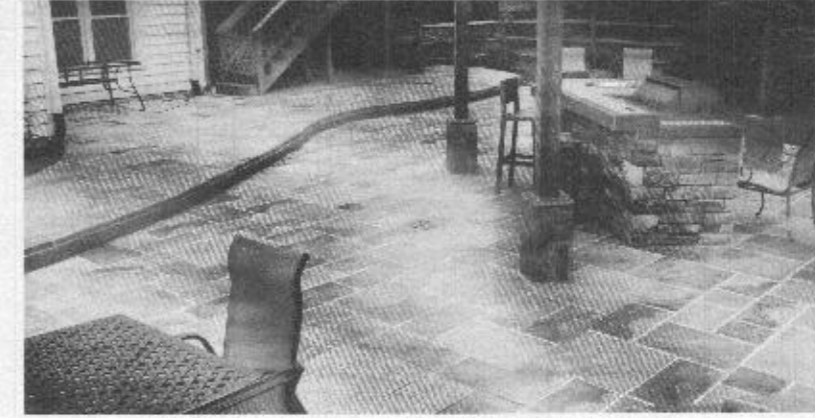
5 TYP. 5'-0" WALL SECTION
S105 SCALE: 1/2" = 1'-0"



5 FENCE PIER SECTION
S105 SCALE: 1/2" = 1'-0"



6 PIER AND FENCE ELEVATION (TYPICAL)
S105 SCALE: 1/2" = 1'-0"



7 STAMPED CONCRETE PATTERN EXAMPLE
S105 NOT TO SCALE



8 FLAGSTONE PATTERN EXAMPLE
S105 NOT TO SCALE

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Project
TONY AND CRYSTAL PULSIRISAROTH RESIDENCE
PROPOSED GARAGE ADDITION, BREEZEWAY AND POOL AREA
14148 HOWARD ROAD
DAYTON, MD. 21036

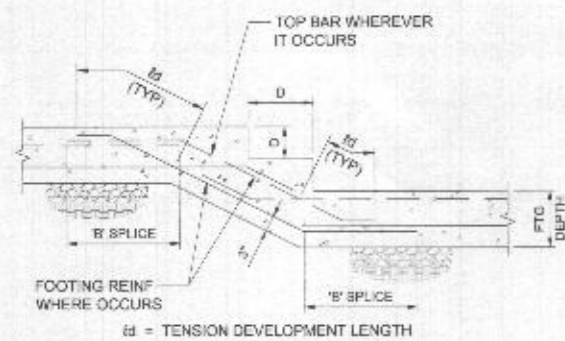
Drawing Title
SECTIONS

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07/02/2021	PROGRESS SET
07/26/2021	PERMIT SET

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Job No.
Sheet No.

S105

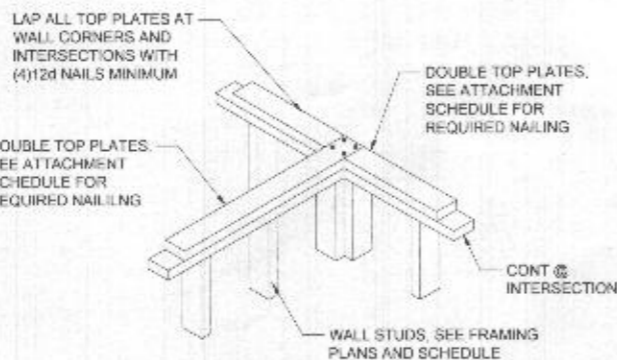
FOR PERMIT ONLY



TYPICAL STEPPED FOOTING

1 DETAIL

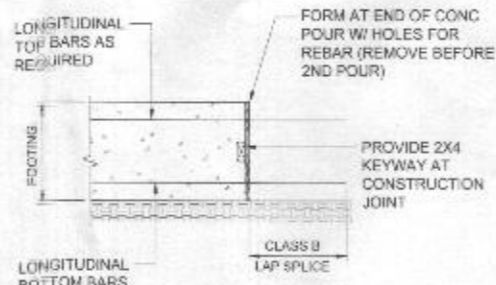
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ISOMETRIC VIEW
TYPICAL SHEAR WALL INTERSECTION

4 DETAIL

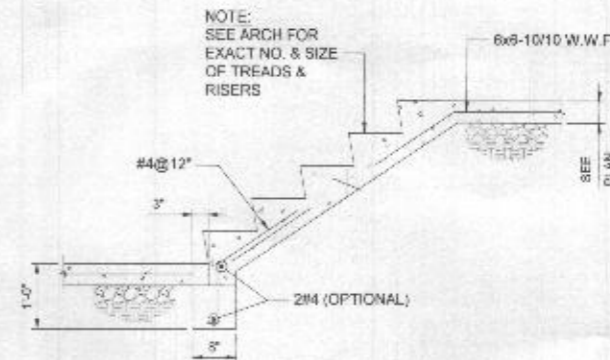
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TYPICAL FOOTING CONSTRUCTION JOINT

6 DETAIL

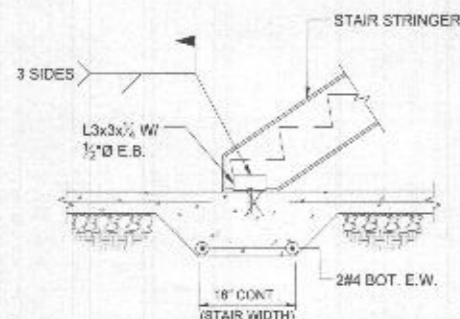
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(INTERIOR STAIR ONLY)
TYPICAL CONCRETE STAIR @ SLAB ON GRADE

9 DETAIL

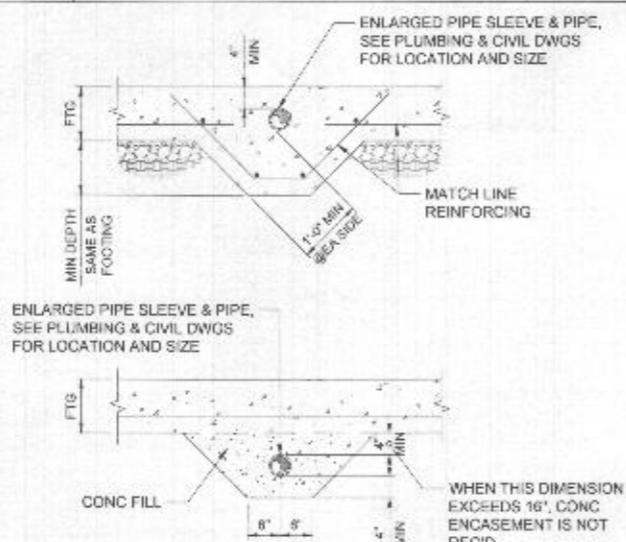
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TYPICAL THICKENED STAIR PAD

2 DETAIL

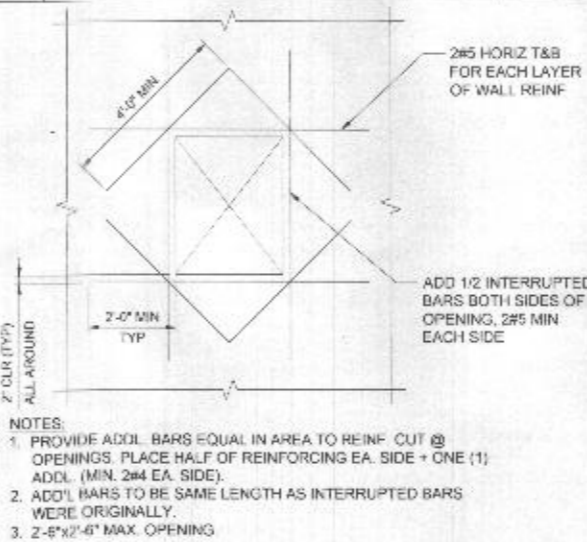
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TYPICAL PIPE SLEEVE THRU FOUNDATION

5 DETAIL

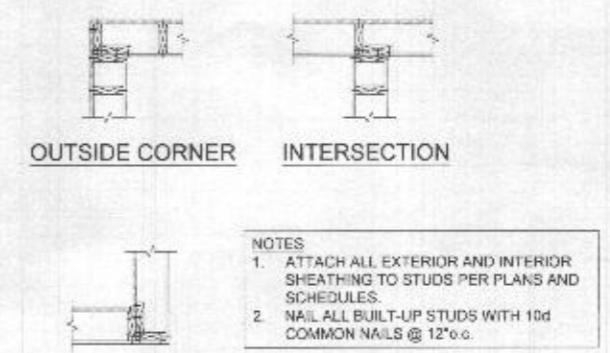
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TYPICAL CONCRETE WALL REINF.

7 DETAIL

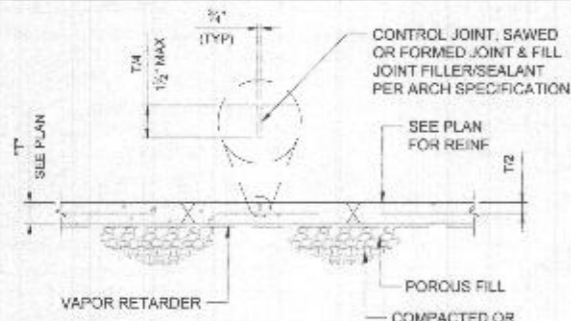
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CORNER AND INTERSECTION STUD WALL FRAMING

10 DETAIL

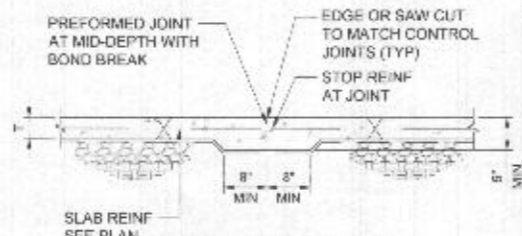
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CONTROL JOINT
NOTES
1. PROVIDE CONTROL OR CONSTRUCTION JOINT TO PREVENT UNCONTROLLED CRACKING AS PER ACI RECOMMENDATIONS.
2. PANELS TO BE RECTANGULAR WITH LONG SIDE NOT TO EXCEED 1 1/2 x SHORT SIDE.
3. CUTTING SHOULD BE STARTED AS SOON AS CONCRETE HAS HARDENED SUFFICIENTLY TO PREVENT AGGREGATE FROM BEING DISLODGED.
4. SUBMIT PLAN SHOWING LOCATION OF CONSTRUCTION AND CONTROL JOINTS.
SLAB ON GRADE CONSTRUCTION AND CONTROL JOINTS (CJ)

3 DETAIL

SCALE: N.T.S.



TYP. STEEL COLUMN FOOTING

8 DETAIL

SCALE: N.T.S.



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Project

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RESIDENCE

PROPOSED GARAGE
ADDITION,
BREEZEWAY AND
POOL AREA

4148 HOWARD ROAD
DAYTON, MD. 21036

Drawing Title

STRUCTURAL DETAILS

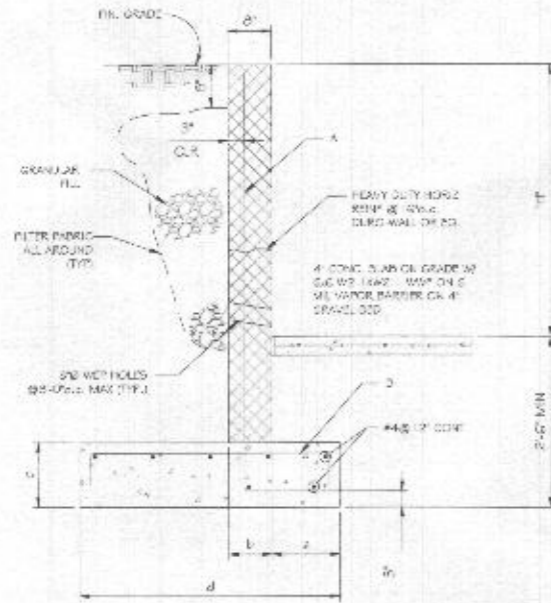
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07/26/2021	PERMIT SET

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Chkd By _____
Job No. _____

Sheet No.

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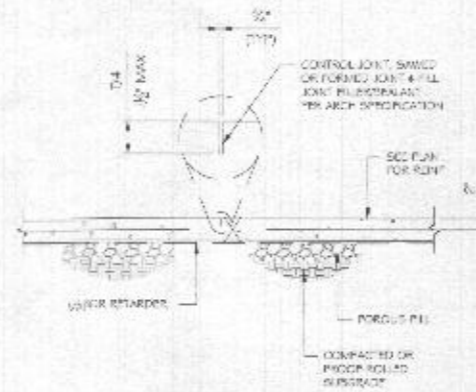
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- NOTES:
- RETAINING WALLS WERE DESIGNED FOR THE FOLLOWING:
 - 1500 psf ALLOWABLE SOIL BEARING PRESSURE
 - 45 psf ACTIVE EARTH PRESSURE
 - FRICITION COEFFICIENT = 0.4
 - 100 psf SURCHARGE
 - 1.5 = 1500 psf (@ 28 DAY)
 - WALL THICKNESS 'b' EQUAL TOTAL THICKNESS INCLUDING BRICK VENEER (COMPOSITE WALL)
 - FILL CELLS AT REINFORCING WITH FEA GRAVEL CONCRETE $f_c = 4000$ psi
 - PROVIDE 1" (VERT) JOINT AT MASONRY WALL @ 24" O.C. MAX
 - REIN. STEEL SHALL CONFORM TO ASTM A615 GRADE 60. CMU SHALL CONFORM TO ASTM C-90 GRADE N1. MORTAR SHALL CONFORM TO ASTM C-270 TYPE S.
 - BACKFILL RETAINING WALL AFTER THE FEA GRAVEL CONCRETE REACHES ITS 28 DAY STRENGTH.

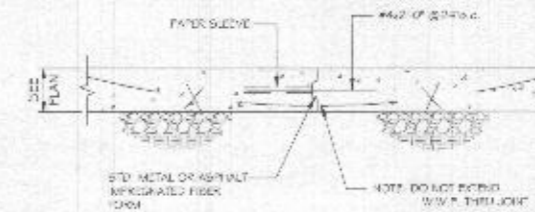
CMU RETAINING WALL SCHEDULE								
MARK	H	a	b	c	d	A	B	REMARKS
I	2'-0"	6"	8"	12"	2'-6"	#4@40"	#5@32"	SEE NOTES ABOVE
II	3'-0"	8"	8"	12"	3'-1"	#4@32"	#5@32"	- do -
III	4'-0"	10"	8"	13"	3'-8"	#5@32"	#5@32"	- do -
IV	5'-0"	12"	10"	14"	4'-7"	#5@16"	#4@16"	- do -
V	6'-0"	14"	10"	15"	5'-3"	#5@16"	#4@16"	- do -
VI	7'-0"	17"	10"	16"	6'-6"	#6@8"	#4@16"	- do -
VII	8'-0"	20"	10"	16"	7'-3"	#7@6"	#5@16"	SEE NOTES ABOVE

TYPICAL MASONRY RETAINING WALL

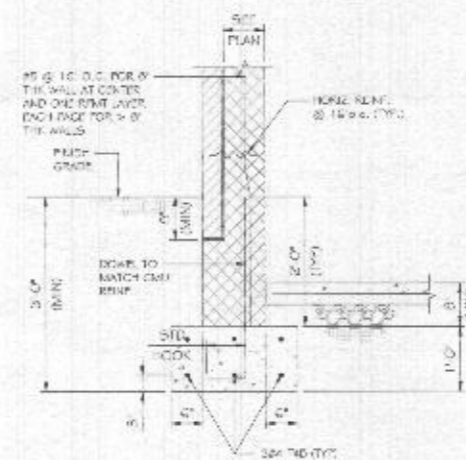


- NOTES:
- LOCATE CONTROL JOINT @ EACH COLUMN CENTER LINE AND PER STRUCTURAL NOTES GUIDELINES.
 - SAW CUT JOINT MUST BE MADE AS SOON AS POSSIBLE AFTER THE SURFACE IS FIRM ENOUGH BUT NOT LATER THAN 16 HOURS AFTER PLACEMENT.

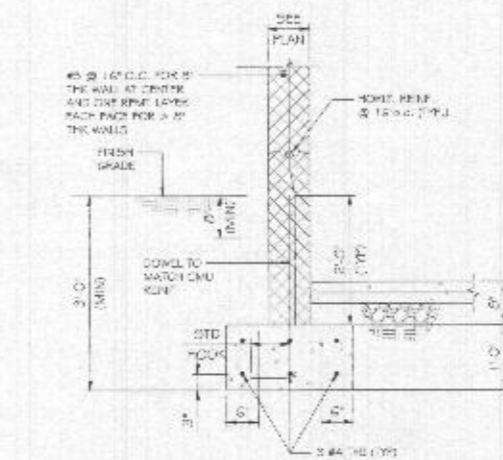
SLAB ON GRADE CONTROL JOINT (CJ)



TYPICAL CONTROL JOINT @ SLAB ON GRADE



TYPICAL EXTERIOR MASONRY WALL & FOOTING



TYPICAL EXTERIOR MASONRY WALL & FOOTING



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Project

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 PULSIRISAROTH
 RESIDENCE

PROPOSED GARAGE
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 POOL AREA

14148 HOWARD ROAD
 DAYTON, MD. 21036

Drawing Title

STRUCTURAL DETAILS

Date	Issue
07/02/2021	PROGRESS SET
07/26/2021	PERMIT SET

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 PROFESSIONAL CERTIFICATION
 I hereby certify that the accompanying report or drawing is a true and correct representation of the work of the Consultant.
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 Expiration Date: 01/31/2023



Project
 TONY AND CRYSTAL
 PULSIRISAROTH
 RESIDENCE
 PROPOSED GARAGE
 ADDITION,
 BREEZEWAY AND
 POOL AREA
 14148 HOWARD ROAD
 DAYTON, MD. 21036

Drawing Title
 POOL AND PATIO
 ELECTRICAL PLAN

Date	Issue
SEPT. 27, 2021	PERMIT DRAWINGS

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 Job No.

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