

DRAWING INDEX - FND

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S1.6	FOUNDATION - BEARING PAD PLAN			
S1.7	TYPICAL FOUNDATION DETAILS			
Grand total: 7				

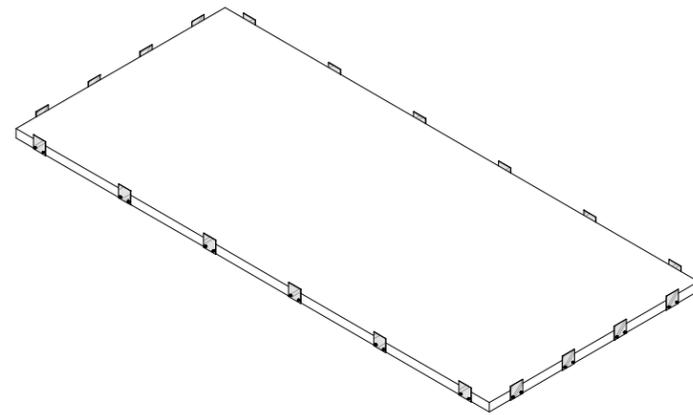


MODULAR CONNECTIONS, LLC

CONCRETE BUILDING

1090 INDUSTRIAL BLVD.
BESSEMER, AL 35022

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① 3D VIEW - SLAB ON GRADE

STATE: NORTH CAROLINA

**PRELIMINARY
SUBJECT TO OWNER
REVIEW**

No.	Revision Description	Date	By
			
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GREENVILLE UTILITIES COMMISSION - 14' x 30' x 9'-9"

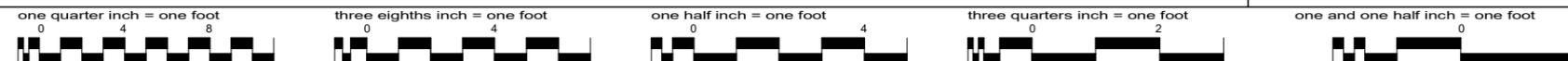
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BOVIET SUBSTATION

Drawn By:	Checked By:	Project Manager:	Date:
MJW			3/13/26
Drawing Number:	26103		

Sheet Name: COVER PAGE (FOUNDATION)

Project Number:	MCP1808 - MC5858	Sheet Number:	GF0.0
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PROJECT DATA - NORTH CAROLINA

DESIGN CODES:

- 2018 NORTH CAROLINA BUILDING CODE
- 2018 NORTH CAROLINA MECHANICAL CODE
- 2018 NORTH CAROLINA FUEL GAS CODE
- 2018 NORTH CAROLINA PLUMBING CODE
- 2020 NORTH CAROLINA ELECTRICAL CODE
- 2018 NORTH CAROLINA ENERGY CONSERVATION CODE EXEMPT PER 2018 NCBC:ECC C101.2 EXEMPTION 2
- 2009 ICC/ANSI A117.1 ACCESSIBILITY CODE
- 2018 NORTH CAROLINA FIRE CODE

① DESIGN CODES
12" = 1'-0"

DESIGN LOADS:

FLOOR LIVE LOAD	200 PSF
FLOOR DEAD LOAD	39 PSF
ROOF LIVE LOAD	30 PSF
ROOF DEAD LOAD	49.7 PSF
RISK CATEGORY	II
GROUND SNOW LOAD	10 PSF
SNOW LOAD IMPORTANCE FACTOR	1
SNOW EXPOSURE FACTOR	1.2
THERMAL FACTOR	1.2
FLAT ROOF SNOW LOAD	10.08 PSF
WIND VELOCITY (3-SEC GUST, V_{ult})	155 MPH
WIND VELOCITY (3-SEC GUST, V_{asd})	120 MPH
WIND EXPOSURE CATEGORY	C
INTERNAL PRESSURE COEFFICIENT	± 0.18
WIND LOAD HORIZONTAL (MWFRS)	38.22 PSF
WIND LOAD (UPLIFT) (MWFRS)	57.11 PSF
WIND LOAD HORIZONTAL (C & C, ZONE 4)	56.88 PSF
WIND LOAD HORIZONTAL (C & C, ZONE 5)	70.22 PSF
WIND LOAD (UPLIFT) (C & C, ZONE 1)	83.55 PSF
WIND LOAD (UPLIFT) (C & C, ZONE 2)	110.21 PSF
WIND LOAD (UPLIFT) (C & C, ZONE 3)	150.21 PSF
WIND LOAD HORIZONTAL (C & C, ZONE 4, V_{asd})	34.13 PSF
WIND LOAD HORIZONTAL (C & C, ZONE 5, V_{asd})	42.13 PSF
SEISMIC IMPORTANCE FACTOR	1
SPECTRAL RESPONSE ACCELERATION S_{DS}	0.101
SPECTRAL RESPONSE ACCELERATION S_{D1}	0.077
SEISMIC DESIGN CATEGORY	D
SITE CLASS	D
BASIC SEISMIC-FORCE RESISTING SYSTEM	A.5 - BEARING WALL SYSTEMS - INTERMEDIATE PRECAST SHEAR WALLS
DESIGN BASE SHEAR	0.04W
ANALYSIS PROCEDURE	EQUIVALENT LATERAL-FORCE PROCEDURE
OCCUPANCY USE GROUP	S2
CONSTRUCTION TYPE	VB
MINIMUM SETBACK	SEE NOTES FOR A COMMON OR ASSUMED PROPERTY LINE TO COMPLY WITH IBC-2021

② DESIGN LOADS
12" = 1'-0"

NOTES:

1. THE INTENDED OCCUPANCY OF THIS EQUIPMENT BUILDING IS FOR PERFORMING THE REQUIRED SERVICE/MAINTENANCE OF EQUIPMENT ONLY.
2. PER IBC, 4" SAND-LIGHTWEIGHT CONCRETE WALLS HAVE FIRE RESISTANCE RATING OF 2 HOURS WITH UNPROTECTED OPENINGS.
3. PER IBC, ANY WALL W/ 10% OR LESS OF UNPROTECTED OPENINGS MAY UTILIZE A SETBACK GREATER THAN 5'-0". ANY WALL W/ 15% OR LESS OF UNPROTECTED OPENINGS MAY UTILIZE A SETBACK GREATER THAN 10'-0". ANY WALL W/ 25% OR LESS OF UNPROTECTED OPENINGS MAY UTILIZE A SETBACK GREATER THAN 15'-0". ANY WALL W/ 45% OR LESS OF UNPROTECTED OPENINGS MAY UTILIZE A SETBACK GREATER THAN 20'-0". ANY WALL W/ UNPROTECTED OPENINGS MAY UTILIZE A SETBACK GREATER THAN 30'-0".
4. THIS BUILDING IS TO BE CONNECTED TO PUBLIC UTILITIES.
5. THE USE OF THIS BUILDING WITHOUT RESTROOM FACILITIES IS SUBJECT TO LOCAL REVIEW AND APPROVAL.

NOTES:

1. INTENDED OCCUPANCY, SEE "OCCUPANCY USE GROUP" ON THE DESIGN LOADS TABLE THIS SHEET. THE USE OF THIS BUILDING IS SUBJECT TO THE AUTHORITY(S) HAVING JURISDICTION.
2. PER IBC, 4" SAND-LIGHTWEIGHT CONCRETE WALLS HAVE FIRE RESISTANCE RATING OF 2 HOURS WITH UNPROTECTED OPENINGS.
3. ALL SETBACK REQUIREMENTS SHALL CONFORM TO THE REFERENCED IBC DESIGN CODE AND LOCAL CODE REQUIREMENTS.
4. THIS BUILDING IS TO BE CONNECTED TO PUBLIC UTILITIES.
5. SITE WORK, FOUNDATION CONSTRUCTION, BUILDING CONNECTIONS TO UTILITIES, ETC., ARE NOT INSPECTED BY A THIRD PARTY. THESE ITEMS ARE SUBJECT TO CODE REVIEW/COMPLIANCE WITH THE AUTHORITY(S) HAVING JURISDICTION.
6. SEAL DOES NOT INCLUDE CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES OR SAFETY PRECAUTIONS. ANY DEVIATION OR DISCREPANCIES ON PLANS ARE TO BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER OF RECORD.

SITE WORK, FOUNDATION CONSTRUCTION, BUILDING CONNECTIONS TO UTILITIES, ETC. ARE NOT INSPECTED BY A THIRD PARTY. THESE ITEMS ARE SUBJECT TO CODE REVIEW/COMPLIANCE WITH THE AUTHORITY(S) HAVING JURISDICTION.

STATE: NORTH CAROLINA

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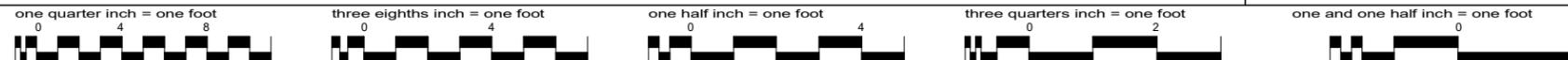
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GREENVILLE UTILITIES COMMISSION - 14' x 30' x 9'-9"

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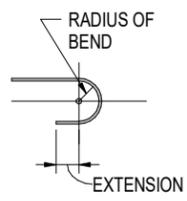
BOVIET SUBSTATION

Drawn By:	Checked By:	Project Manager:	Date:
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Drawing Number:	26103		
Sheet Name:	PROJECT DATA		
Project Number:	MCP1808 - MC5858	Sheet Number:	GF.01

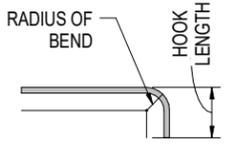


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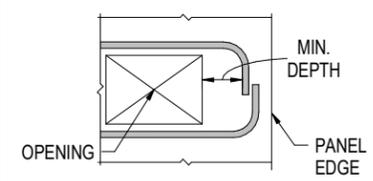
STEEL REINFORCEMENT		
180 ° HOOKED BARS		
BAR	RADIUS OF BEND	EXTENSION
3	1 1/2"	2 1/2"
4	2"	2 1/2"
5	2 1/2"	2 1/2"
6	3"	3"
7	3 1/2"	3 1/2"
8	4"	4"



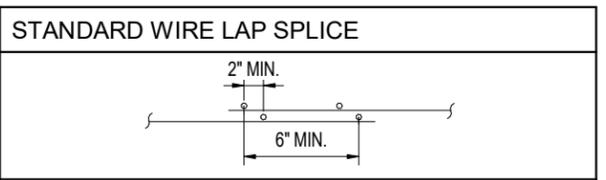
STANDARD 90° HOOK		
BAR	HOOK	RADIUS OF BEND
#3	6"	1 1/2"
#4	8"	2"
#5	10"	2 1/2"
#6	12"	3"
#7	14"	3 1/2"
#8	16"	4"



MINIMUM EMBEDMENT FOR STANDARD 90° HOOK	
BAR	DEPTH
#4	9"
#5	11"
#6	13"
#7	15"



STANDARD BAR LAP SPLICE							
STANDARD LAP SPLICE		CLR - INDICATES AMOUNT OF CLEAR COVER db - INDICATES BAR DIA.					
LENGTH	BAR	#3	#4	#5	#6	#7	#8
	CLR ≤ db	18"	26"	40"	57"	77"	101"
	db < CLR < 2db	18"	24"	30"	40"	54"	71"
	2db ≤ CLR	18"	24"	30"	36"	42"	51"



MINIMUM CONCRETE COVER	
CONCRETE EXPOSED TO EARTH OR WEATHER:	
WALL PANELS	3/4"
OTHERS	1 1/2"
CONCRETE NOT EXPOSED TO EARTH OR WEATHER:	
SLABS, WALLS & JOISTS	3/4"
BEAMS	1"
STIRRUPS	1/2"

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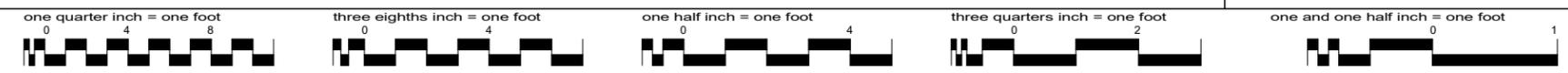
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MJW			3/13/26
Drawing Number:		26103	
Sheet Name:			
STEEL REINFORCEMENT LEGEND			
Project Number:	Sheet Number		
MCP1808 - MC5858			S0.1



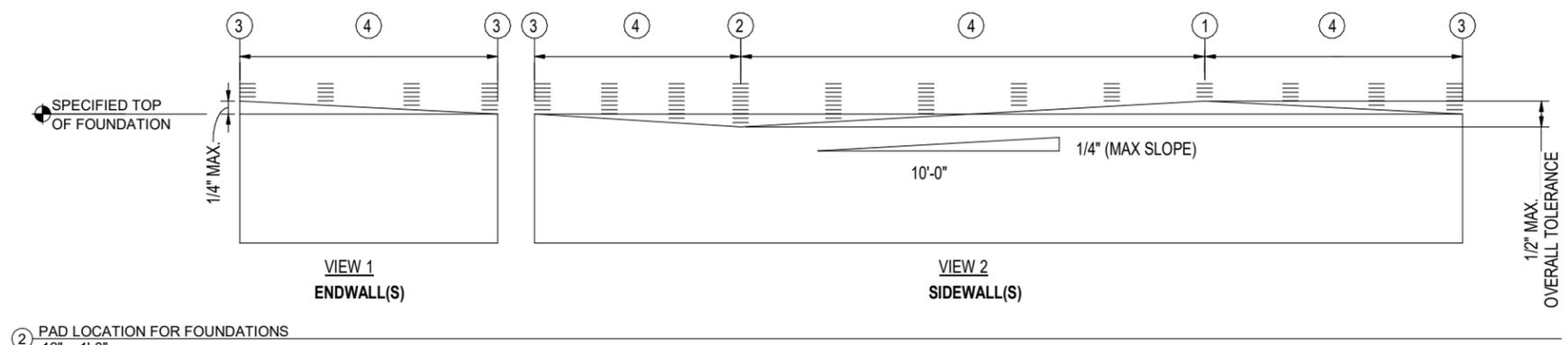
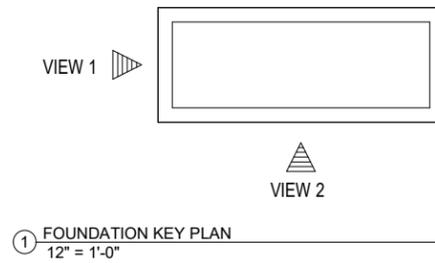
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FOUNDATION GENERAL NOTES:

- A. GEOTECHNICAL INFORMATION HAS NOT BEEN PROVIDED. THE FOUNDATION DESIGN ASSUMES MINIMUM ALLOWABLE SOIL BEARING PRESSURE OF **2500 PSF**. SITE CLASS **D**.
 - a. FIELD VERIFICATION SHALL BE PERFORMED PRIOR TO COMMENCEMENT OF FOUNDATION CONSTRUCTION. IF ALLOWABLE SOIL BEARING PRESSURE IS FOUND TO BE LESS THAN STATED ABOVE, NOTIFY THE ENGINEER OF RECORD IMMEDIATELY.
 - b. IF ANY GEOTECHNICAL INFORMATION IS AVAILABLE, FORWARD TO THE ENGINEER OF RECORD IMMEDIATELY.
- B. WORK SHALL BE IN ACCORDANCE WITH LOCAL CODES, SAFETY REGULATIONS AND UNLESS OTHERWISE NOTED, THE LATEST REVISION OF ACI 318, "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE". PROCEDURES FOR THE PROTECTION OF EXCAVATIONS, EXISTING CONSTRUCTION AND UTILITIES SHALL BE ESTABLISHED PRIOR TO FOUNDATION INSTALLATION.
- C. CONCRETE MATERIALS SHALL CONFORM TO THE APPROPRIATE STATE REQUIREMENTS FOR EXPOSED STRUCTURAL CONCRETE.
- D. PROPORTIONS OF CONCRETE MATERIALS SHALL BE SUITABLE FOR THE INSTALLATION METHOD UTILIZED AND SHALL RESULT IN DURABLE CONCRETE FOR RESISTANCE TO LOCAL ANTICIPATED AGGRESSIVE ACTIONS. THE DURABILITY REQUIREMENTS OF ACI 318 CHAPTER 4 SHALL BE SATISFIED BASED ON THE CONDITIONS EXPECTED AT THE SITE. AS A MINIMUM, CONCRETE SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI IN 28 DAYS.
- E. MAXIMUM SIZE OF CONCRETE AGGREGATE SHALL NOT EXCEED 1 INCH; SIZE SUITABLE FOR INSTALLATION METHOD UTILIZED; OR ONE-THIRD CLEAR DISTANCE BEHIND OR BETWEEN REINFORCING.
- F. REINFORCEMENT SHALL BE DEFORMED AND CONFORM TO THE REQUIREMENTS OF ASTM A615 GRADE 60 UNLESS OTHERWISE NOTED.
- G. WELDING IS PROHIBITED ON REINFORCING STEEL AND EMBEDMENTS.
- H. MINIMUM CONCRETE COVER FOR REINFORCEMENT SHALL BE 3 INCHES UNLESS OTHERWISE NOTED.
- I. CONCRETE COVER FROM TOP OF FOUNDATION TO ENDS OF VERTICAL REINFORCEMENT SHALL NOT EXCEED 3 INCHES NOR BE LESS THAN 2 INCHES.
- J. ALL HORIZONTAL BARS IN WALLS & BEAM EDGES SHALL BE BENT AT CORNERS IN SUCH A WAY THAT CONTINUITY IS PROVIDED THROUGH THE JOINT. SEPARATE CORNER BARS OF THE SAME SIZE AND SPACING AS THE HORIZONTAL REINFORCING MAY BE SUBSTITUTED FOR THE BENT PORTION OF THE CONTINUOUS BARS.
- K. FOUNDATION DESIGN ASSUMES STRUCTURAL BACKFILL TO BE COMPACTED IN 8 INCH MAXIMUM LAYERS TO 95% OF MAXIMUM DRY DENSITY AT OPTIMUM MOISTURE CONTENT IN ACCORDANCE WITH ASTM D698. ADDITIONALLY, STRUCTURAL BACKFILL MUST HAVE A MINIMUM COMPACTED UNIT WEIGHT OF 100 POUNDS PER CUBIC FOOT.
- L. FOUNDATION INSTALLATIONS SHALL BE SUPERVISED BY PERSONNEL KNOWLEDGEABLE AND EXPERIENCED WITH THE PROPOSED FOUNDATION TYPE. CONSTRUCTION SHALL BE IN ACCORDANCE WITH GENERALLY ACCEPTED INSTALLATION PRACTICES.
- M. FOUNDATION DESIGN ASSUMES FIELD INSPECTIONS WILL BE PERFORMED TO VERIFY THAT CONSTRUCTION MATERIALS, INSTALLATION METHODS AND ASSUMED DESIGN PARAMETERS ARE ACCEPTABLE BASED ON CONDITIONS EXISTING AT THE SITE.
- N. LOOSE MATERIAL SHALL BE REMOVED FROM BOTTOM OF EXCAVATION PRIOR TO CONCRETE PLACEMENT.
- O. CONCRETE SHALL BE PLACED IN A MANNER THAT WILL PREVENT SEGREGATION OF CONCRETE MATERIALS, INFILTRATION OF WATER OR SOIL AND OTHER OCCURRENCES WHICH MAY DECREASE THE STRENGTH OR DURABILITY OF FOUNDATION.
- P. CONCRETE SHALL BE PLACED AGAINST UNDISTURBED SOIL. WHEN FORMS ARE NECESSARY, THEY SHALL BE REMOVED PRIOR TO PLACING STRUCTURAL BACKFILL.
- Q. PROVIDE 12 MIL VAPOR BARRIER WITH 6" LAPPED & TAPED JOINTS.
 - a. FOR SLAB ON GRADE FOUNDATION BARRIER SHALL BE BETWEEN SUBGRADE AND SLAB.
 - b. FOR PERIMETER BEAM FOUNDATION BARRIER SHALL BE BETWEEN INSIDE FACE OF PERIMETER BEAM AND SUBGRADE AND INTERIOR INFILL AND BOTTOM OF BUILDING.
- R. FOUNDATION DESIGN ASSUMES CONTINUOUS CONCRETE PLACEMENT WITHOUT CONSTRUCTION JOINTS UNLESS OTHERWISE NOTED ON DRAWINGS.
- S. FOOTING ELEVATIONS INDICATED ON THE DOCUMENTS ARE DESIGNED TO MEET ANTICIPATED DEPTHS FOR ALLOWABLE BEARING CAPACITY AND/OR DEPTHS REQUIRED FOR FROST PROTECTION. ACTUAL FIELD CONDITIONS ENCOUNTERING UNSUITABLE SOILS MAY REQUIRE ADDITIONAL EXCAVATION TO LOWER FOOTING ELEVATIONS OR REPLACE WITH STRUCTURAL FILL. CONTRACTOR SHALL PROMPTLY REPORT THESE CONDITIONS BEFORE PROCEEDING WITH ADDITIONAL WORK.

PROVIDE PADS @ FOLLOWING LOCATIONS:

- ① CROWNS
- ② VALLEYS
- ③ CORNERS
- ④ EQUALLY SPACE ALL OTHER PADS (SEE NOTES ON FOUNDATION PLAN)



FOUNDATION NOTES:

- A. FOUNDATION DESIGN BY OTHERS.
- B. FOUNDATION ENGINEER SHALL DETERMINE THE REQUIRED SIZE, REINFORCEMENT, SOIL EMBEDMENT, ETC.
 - a. MINIMUM WIDTH OF FOUNDATION BEAM 24".
 - b. MAXIMUM HEIGHT FROM GRADE TO TOP OF FOUNDATION 8".
 - c. NOMINAL LOADS APPLIED TO THE TOP OF THE FOUNDATION ARE PROVIDED ON SHEET S1.1. FOUNDATION ENGINEER SHALL USE APPROPRIATE LOAD FACTORS, LOAD COMBINATIONS, ETC.
- C. TOP OF FOUNDATION SHALL NOT EXCEED 1/2" DIFFERENTIAL BETWEEN MINIMUM AND MAXIMUM FOUNDATION ELEVATIONS.
- D. FOUNDATION DESIGN SHALL MEET REQUIREMENTS OF APPLICABLE CODES SPECIFIED ON SHEET G0.1.
- E. FOUNDATION DESIGN SHALL UTILIZE A MINIMUM CONCRETE COMPRESSIVE STRENGTH OF 3000 PSI IN 28 DAYS.
- F. FOUNDATION DESIGN AND CONSTRUCTION SHALL BE COORDINATED WITH BUILDING AND SITE UTILITIES.

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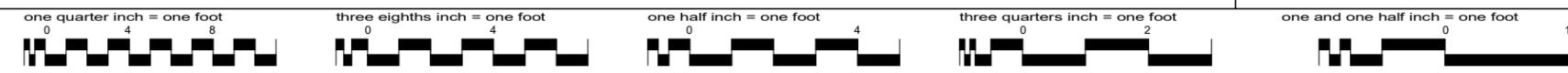
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GREENVILLE UTILITIES COMMISSION - 14' x 30' x 9'-9"

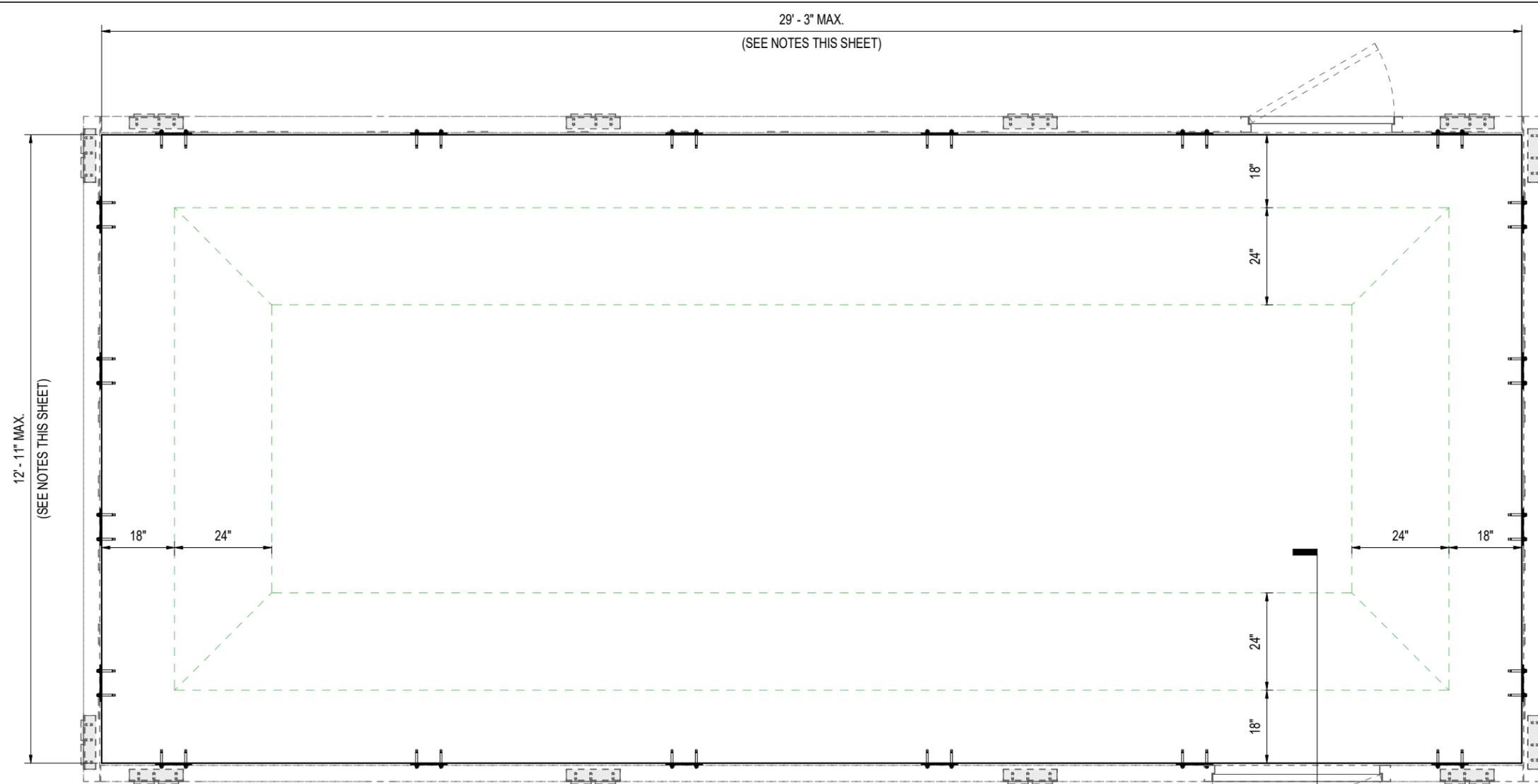
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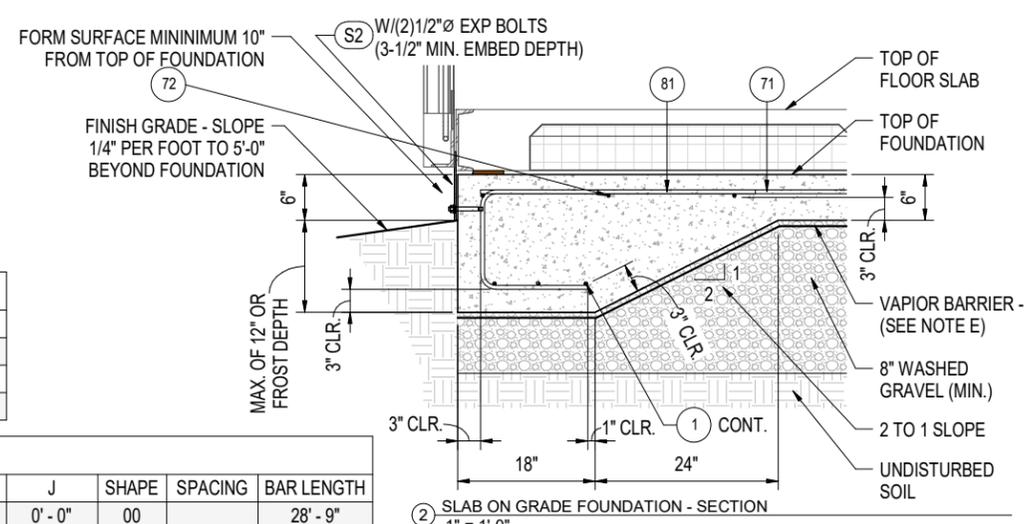
Drawn By:	Checked By:	Project Manager:	Date:
MJW			3/13/26
Drawing Number:		26103	
Sheet Name			
FOUNDATION NOTES & INFORMATION			
Project Number:		Sheet Number	
MCP1808 - MC5858		S1.0	



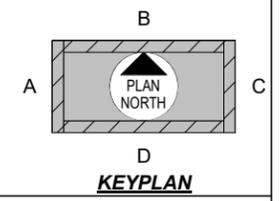
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- NOTES:**
- A. UNLESS NOTED OTHERWISE, SUBGRADE SHALL UNDISTURBED SOIL OR COMPACTED STRUCTURAL FILL.
 - B. FIELD VERIFY ALLOWABLE BEARING CAPACITY. CONTRACTOR SHALL PROMPTLY REPORT BEARING CAPACITIES LESS THAN STATED IN GENERAL FOUNDATION NOTES BEFORE PROCEEDING WITH ADDITIONAL WORK.
 - a. PROVIDE WASHED GRAVEL BELOW SLAB ON GRADE FOUNDATION TO SUBGRADE. GRAVEL SHALL EXTEND TO FROST DEPTH, MINIMUM 8" THICK.
 - C. TOP OF FOUNDATION ELEVATION TOLERANCE 1/4" IN 10'-0" & 1/2" MAX. OVERALL.
 - a. SHIM W/ 4x4 NEOPRENE BEARING PADS TO ATTAIN SAME ELEVATION WITHIN 1/16"(±). SEE DRAWING S1.6 FOR ADDITIONAL INFORMATION.
 - D. FOUNDATION WIDTH AND LENGTH SHALL NOT EXCEED DIMENSIONS SHOWN.
 - a. FOUNDATION WIDTH AND LENGTH SHALL NOT BE LESS THAN 1/4" LESS THAN DIMENSIONS SHOWN.
 - E. PROVIDE 12 MIL VAPOR BARRIER WITH 6" LAPPED & TAPED JOINTS BETWEEN SUBGRADE & SLAB ON GRADE FOUNDATION.



1 FOUNDATION PLAN (SLAB ON GRADE)
3/4" = 1'-0"

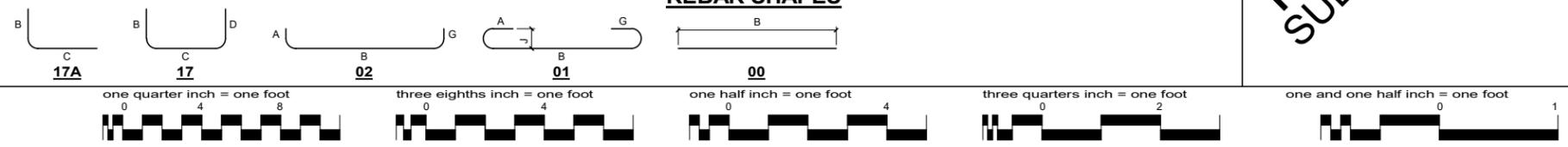


EITHER FOUNDATION TYPE, PERIMETER BEAM OR SLAB ON GRADE, MAY BE UTILIZED, CONTRACTORS PREFERENCE. CONTRACTOR SHALL COORDINATE WITH OWNER.

PARTS SCH. - SLAB			
ITEM #	QTY.	PART#	DESCRIPTION
S1	1	ES4312	BEARING PAD, 1/4" X 4" X 4" NEOPRENE
S2	20	ES24558	LATERAL SLIDE PLATE 9"X9"X 3/16" W 2-9/16" HOLES A-36 STEEL HDG
S3	24	ES21584	5"x5"x5/8" THK PLATE (A36) WELD PLATE

REBAR SCHEDULE													
ITEM #	TYPE	A	B	C	D	E	F	G	H	J	SHAPE	SPACING	BAR LENGTH
1	#4	0'-0"	28'-9"	0'-0"	0'-0"	0'-0"	0'-0"	0'-0"	0'-0"	0'-0"	00		28'-9"
71	#4	0'-0"	12'-5"	0'-0"	0'-0"	0'-0"	0'-0"	0'-0"	0'-0"	0'-0"	00	17"	12'-5"
72	#4	0'-0"	28'-9"	0'-0"	0'-0"	0'-0"	0'-0"	0'-0"	0'-0"	0'-0"	00	16 1/2"	28'-9"
81	#4	0'-0"	3'-0"	1'-1"	1'-2"	0'-0"	0'-0"	0'-0"	0'-0"	0'-0"	17	18"	5'-1"

REBAR SHAPES

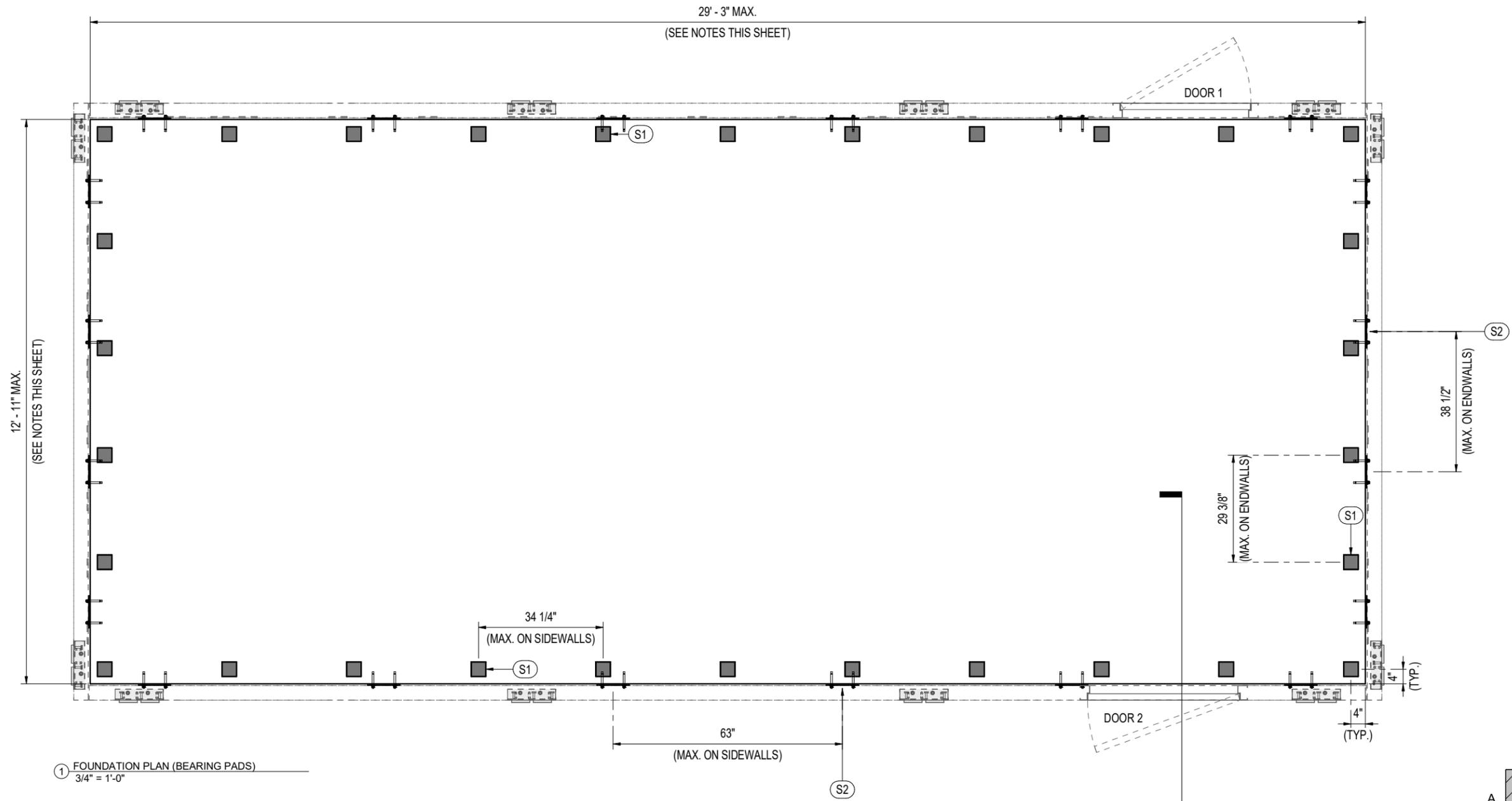


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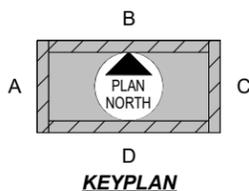
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Drawn By: MJW	Checked By:	Project Manager:	Date: 3/13/26
Drawing Number: 26103		Sheet Name: SLAB ON GRADE FOUNDATION PLAN & DETAILS	
Project Number: MCP1808 - MC5858		Sheet Number: S1.1B	

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① FOUNDATION PLAN (BEARING PADS)
3/4" = 1'-0"

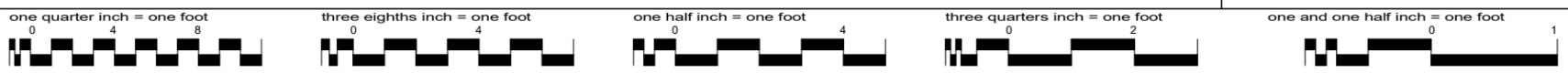


PARTS SCH. - BEARING PAD			
ITEM #	QTY.	PART#	DESCRIPTION
S1	30	ES4312	BEARING PAD, 1/4" X 4" X 4" NEOPRENE
S2	20	ES24558	LATERAL SLIDE PLATE 9"X9"X 3/16" W 2-9/16" HOLES A-36 STEEL HDG
S3	24	ES21584	5"x5"x5/8" THK PLATE (A36) WELD PLATE

PRELIMINARY
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REVIEW

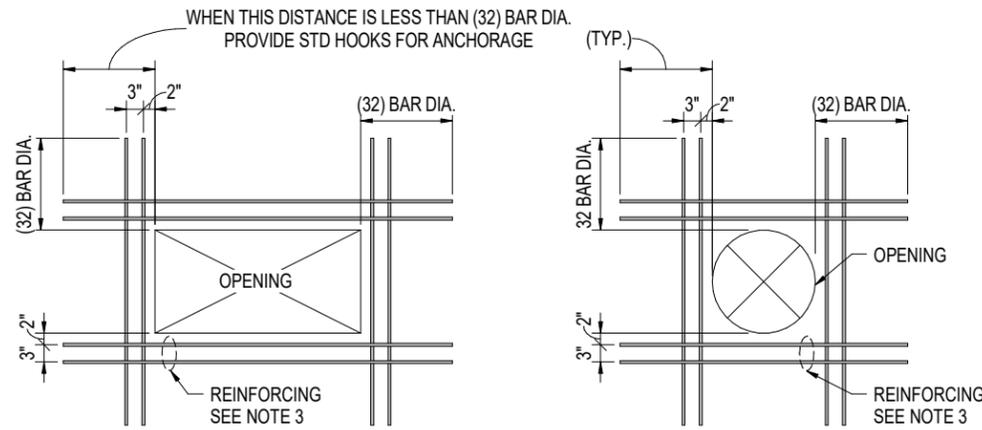
1090 Industrial Blvd.
 Bessemer, AL 35022
 Ph# 205-980-4565
 Email: info@modularconnections.com
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GREENVILLE UTILITIES COMMISSION - 14' x 30' x 9'-9"
IH
BOVIET SUBSTATION
 Site: _____
 Drawn By: MJW Checked By: _____ Project Manager: _____ Date: 3/13/26
 Drawing Number: 26103
 Sheet Name: **FOUNDATION - BEARING PAD PLAN**
 Project Number: **MCP1808 - MC5858** Sheet Number: **S1.6**



3/13/2026 9:34:16 AM
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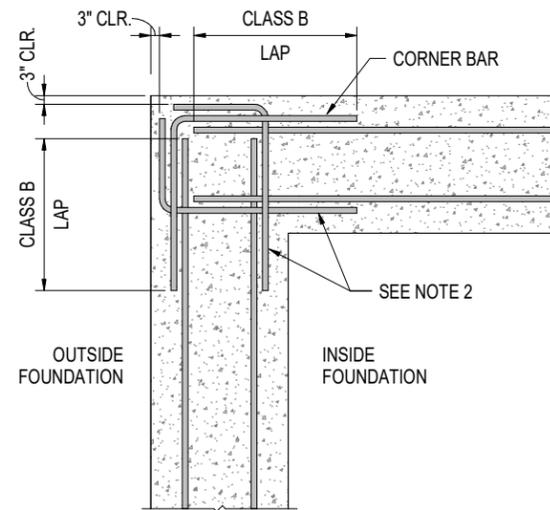
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NOTES:

1. FOR OPENINGS WITH NO DIMENSIONS GREATER THAN 24": PROVIDE ADDITIONAL REINFORCEMENT AS SHOWN AND NOTED IN THESE DETAILS.
2. FOR OPENINGS WITH ANY DIMENSIONS GREATER THAN 24": PROVIDE ADDITIONAL REINFORCEMENT AS BILLED ON DRAWINGS. IF ADDITIONAL REINFORCEMENT NOT BILLED ON DRAWINGS, PROVIDE ADDITIONAL REINFORCEMENT AS SHOWN AND NOTED THESE DRAWINGS.
3. SIZE AND NUMBER OF LAYERS OF ADDITIONAL REINFORCEMENT TO BE THE SAME AS REINFORCEMENT IN SLAB OR GRADE BEAM ADJACENT TO THE OPENING. TYPICAL FOUR SIDES EXCEPT AS SHOWN OR NOTED ON DRAWINGS.

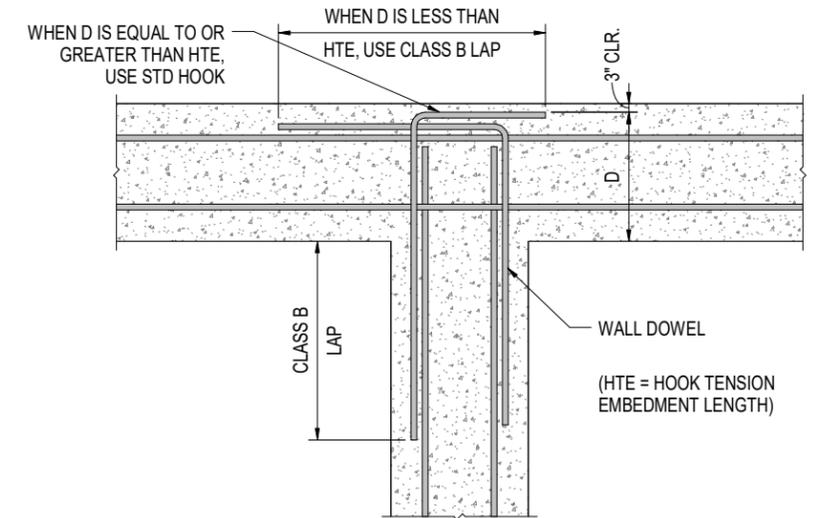
① TYPICAL REINFORCEMENT AT FOUNDATION OPENINGS FOR SLAB AND GRADE BEAMS
3/4" = 1'-0"



NOTES:

1. ALL CORNER BARS AND WALL DOWELS TO BE SAME SIZE AND SPACING AS HORIZONTAL WALL REINFORCEMENT UNLESS OTHERWISE SHOWN OR NOTED.
2. PROVIDE DOWELS WITH STANDARD HOOK AND CLASS B LAP.

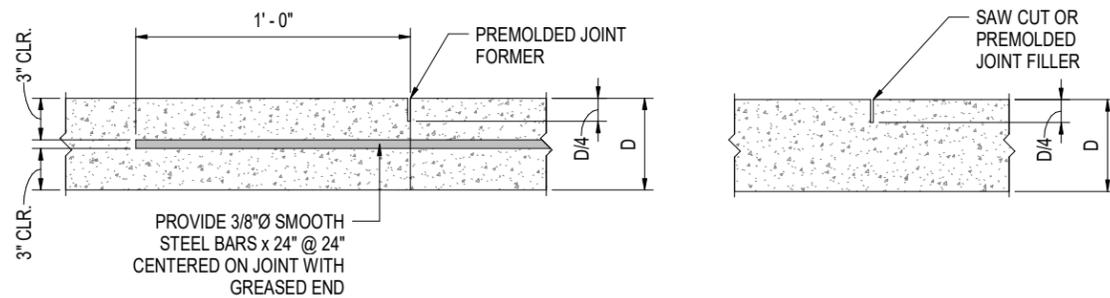
② S TYPICAL CORNER DETAIL - WALLS AND GRADE BEAMS
1 1/2" = 1'-0"



NOTES:

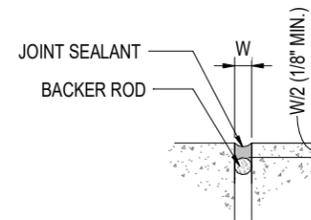
1. ALL CORNER BARS AND WALL DOWELS TO BE SAME SIZE AND SPACING AS HORIZONTAL WALL REINFORCEMENT UNLESS OTHERWISE SHOWN OR NOTED.
2. PROVIDE DOWELS WITH STANDARD HOOK AND CLASS B LAP.

③ S TYPICAL CORNER T DETAIL - WALLS AND GRADE BEAMS
1 1/2" = 1'-0"

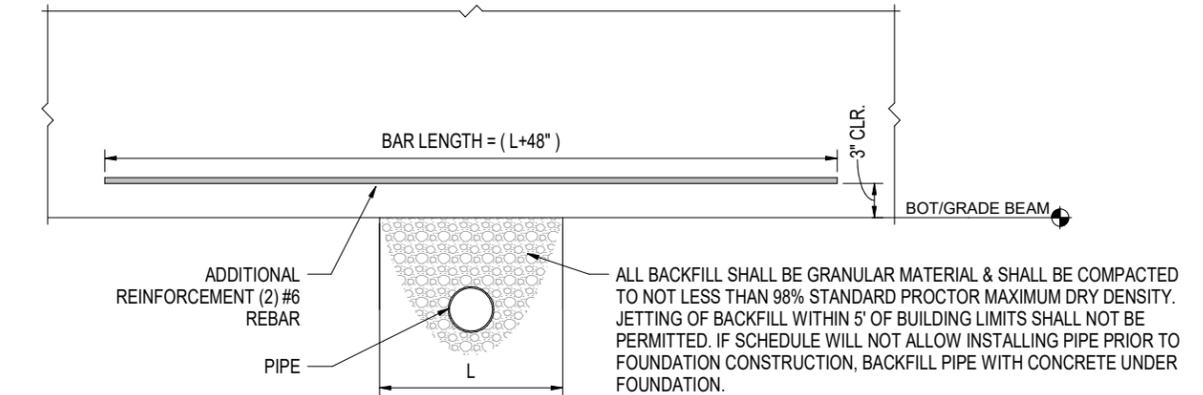


④ S TYPICAL SLAB CONSTRUCTION JOINT
3" = 1'-0"

⑤ TYPICAL SLAB CONTROL JOINT
3" = 1'-0"



⑥ TYPICAL SEALANT AT SLAB JOINT
12" = 1'-0"



⑦ S TYPICAL REINFORCEMENT AT PIPE BELOW FOOTING GRADE BEAM
1 1/2" = 1'-0"

NOTE:
DETAILS ARE TYPICAL AND MAY NOT ALL BE USED.

**PRELIMINARY
SUBJECT TO OWNER
REVIEW**

No.	Revision Description	Date	By
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IH

BOVIET SUBSTATION

Drawn By: MJW
 Checked By: _____
 Project Manager: _____
 Date: 3/13/26

Drawing Number: 26103
 Sheet Name: TYPICAL FOUNDATION DETAILS

Project Number: MCP1808 - MC5858
 Sheet Number: S1.7



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