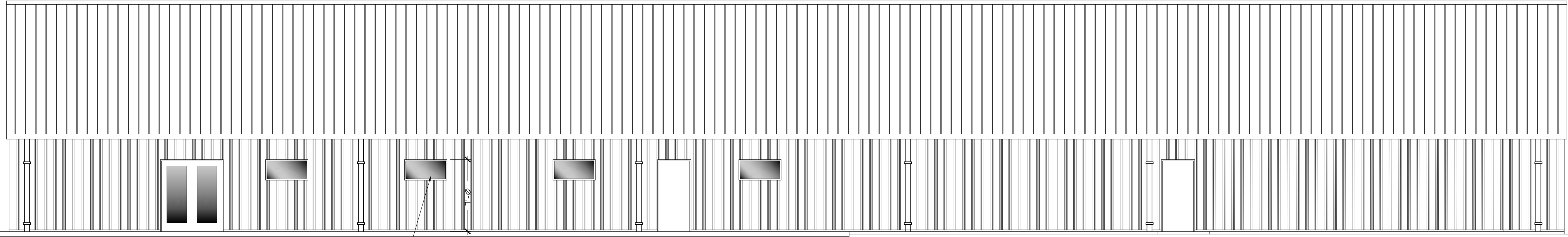


MARK	DATE	DESCRIPTION
07-12-2021	review	
07-27-2021	review remarks	
01-19-2024	revised	

PROJ. NO:	G2106
FILE NAME:	DWG
DRAWN BY:	
SHEET TITLE:	EXTERIOR ELEVATIONS

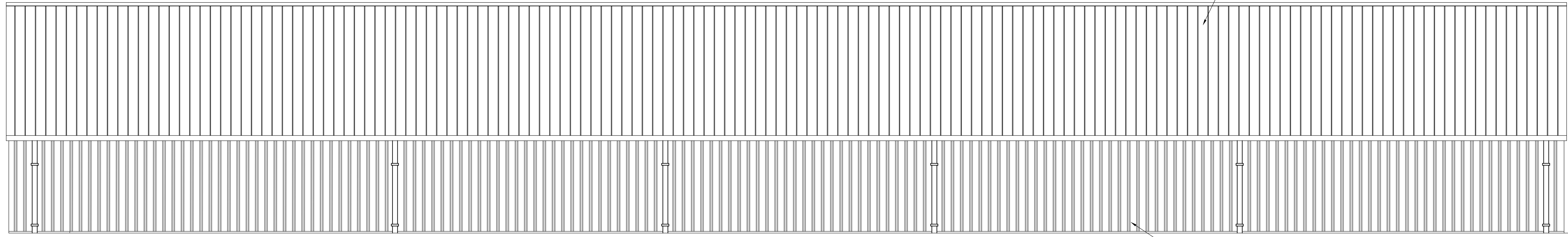
SHEET NUMBER:
A102



1 FRONT ELEVATION
3/16"=1'-0"

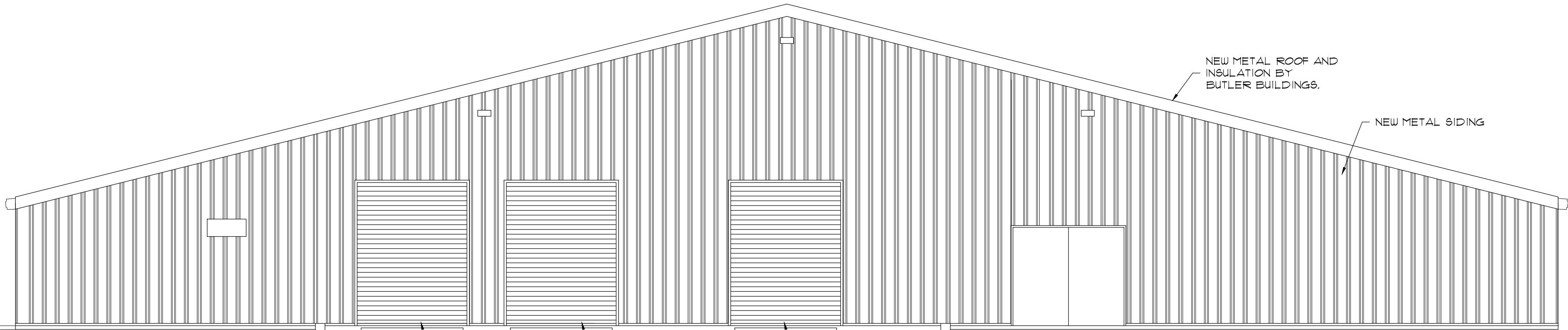
2'x4' HIGH WINDOWS. SEE PLAN

NEW METAL ROOF AND INSULATION BY BUTLER BUILDINGS.



2 REAR ELEVATION
3/16"=1'-0"

NEW METAL SIDING

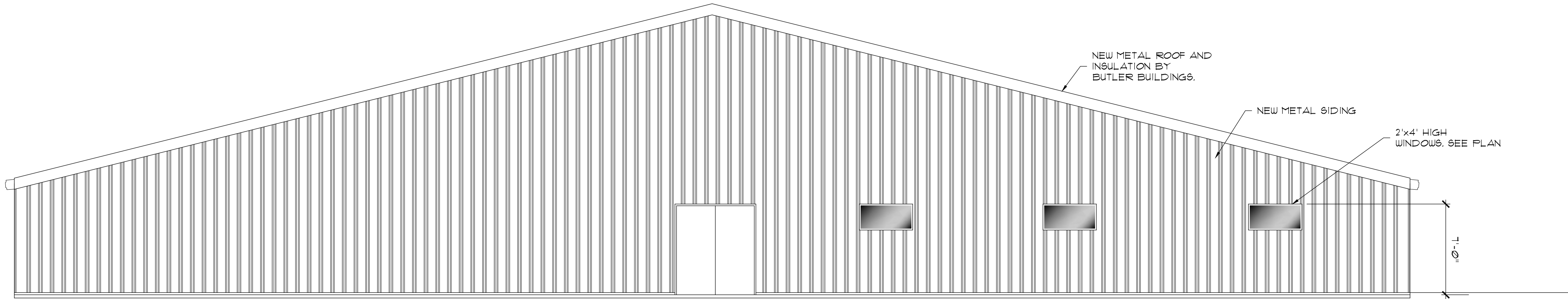


3 RIGHT SIDE ELEVATION
3/16"=1'-0"

NEW 8'W x 12'H OVERHEAD DOOR

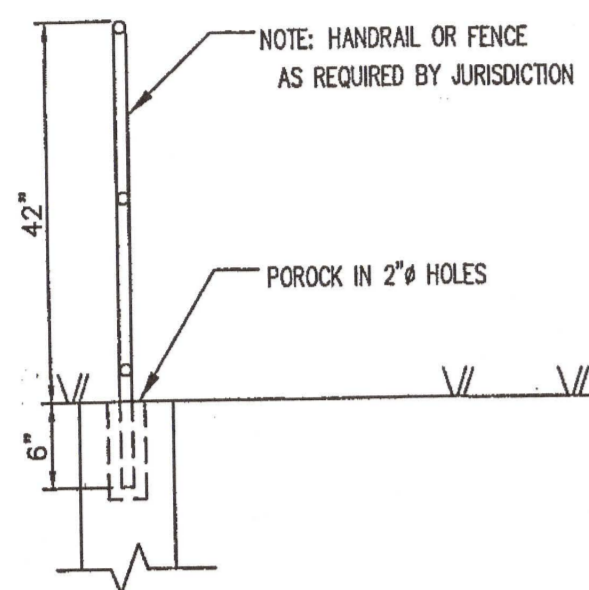
NEW METAL ROOF AND INSULATION BY BUTLER BUILDINGS.

NEW METAL SIDING



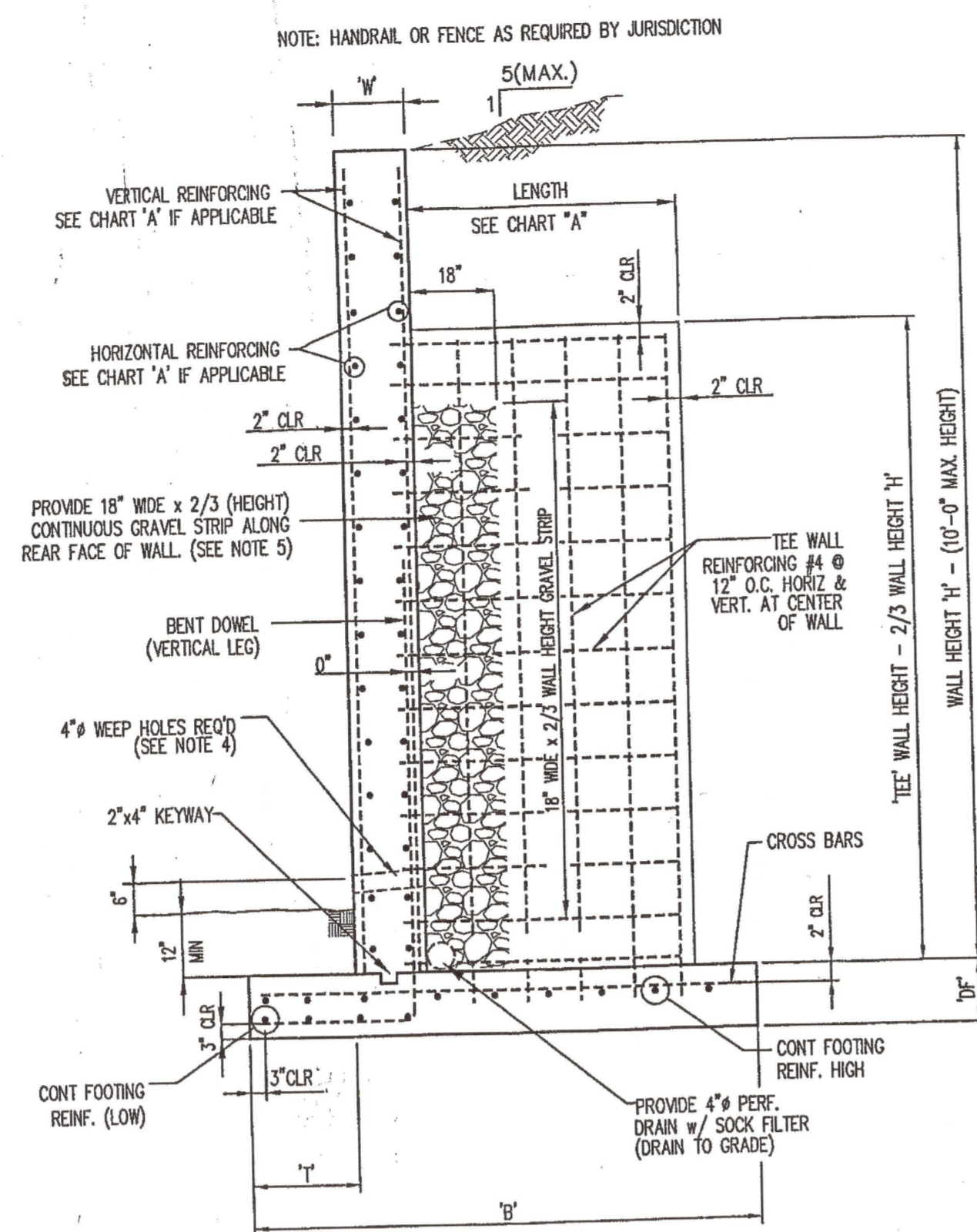
4 LEFT SIDE ELEVATION
3/16"=1'-0"

2'x4' HIGH WINDOWS. SEE PLAN



HANDRAIL DETAIL
SCALE: NOT TO SCALE

LAP SPICE CHART	
BAR SIZE	SPICE (IN)
4	29
5	36
6	43
7	63
8	72



VERTICAL FACE RETAINING WALL DETAIL
SCALE: NOT TO SCALE

* 'TEE WALL' SPACING TO BE AS SHOWN IN CHART OR FROM WALL OFFSET.

VERTICAL RETAINING WALL SPECIFICATIONS								
WALL HEIGHT 'H'	WALL WIDTH 'W'	REAR FACE		FRONT FACE		'TEE' WALL SPECIFICATIONS		
		VERTICAL REINF.	HORIZ. REINF.	VERTICAL REINF.	HORIZ. REINF.	'TEE' LENGTH	'TEE' WIDTH	'TEE' SPACING
UP TO 4'	10"	#4 @ 8"	#4 @ 18"	#4 @ 8"	#4 @ 18"	-	-	-
OVER 4' UP TO 6'	10"	#4 @ 8"	#4 @ 18"	#4 @ 8"	#4 @ 18"	-	-	-
OVER 6' UP TO 8'	10"	#4 @ 8"	#4 @ 18"	#4 @ 8"	#4 @ 18"	-	-	-
OVER 8' UP TO 10'	10"	#4 @ 8"	#4 @ 18"	#4 @ 8"	#4 @ 18"	1'-11"	10"	12' C-C

CHART "A"

RETAINING WALL FOOTING SPECIFICATIONS									
WALL HEIGHT 'H'	FTG. WIDTH 'B'	TOE WIDTH 'T'	FTG. DEPTH 'D'	BENT DOWELS			CROSS-BAR REINF.	CONTINUOUS FTG. REINFORCEMENT	
				SIZE AND SPACING	VERTICAL LEG	HORIZ. LEG		# HIGH	# LOW
UP TO 4'	2'-0"	7"	12"	#4 @ 8"	3'-2"	1'-0"	#4 @ 16"	#5 @ 14"	#4 @ 18"
OVER 4' UP TO 6'	2'-6"	1'-0"	12"	#4 @ 8"	3'-2"	1'-5"	#4 @ 16"	#5 @ 14"	#4 @ 18"
OVER 6' UP TO 8'	3'-8"	1'-6"	12"	#4 @ 8"	3'-2"	1'-11"	#4 @ 8"	#5 @ 14"	#4 @ 18"
OVER 8' UP TO 10'	4'-11"	2'-0"	12"	#5 @ 8"	3'-9"	2'-5"	#4 @ 8"	#5 @ 14"	#4 @ 18"

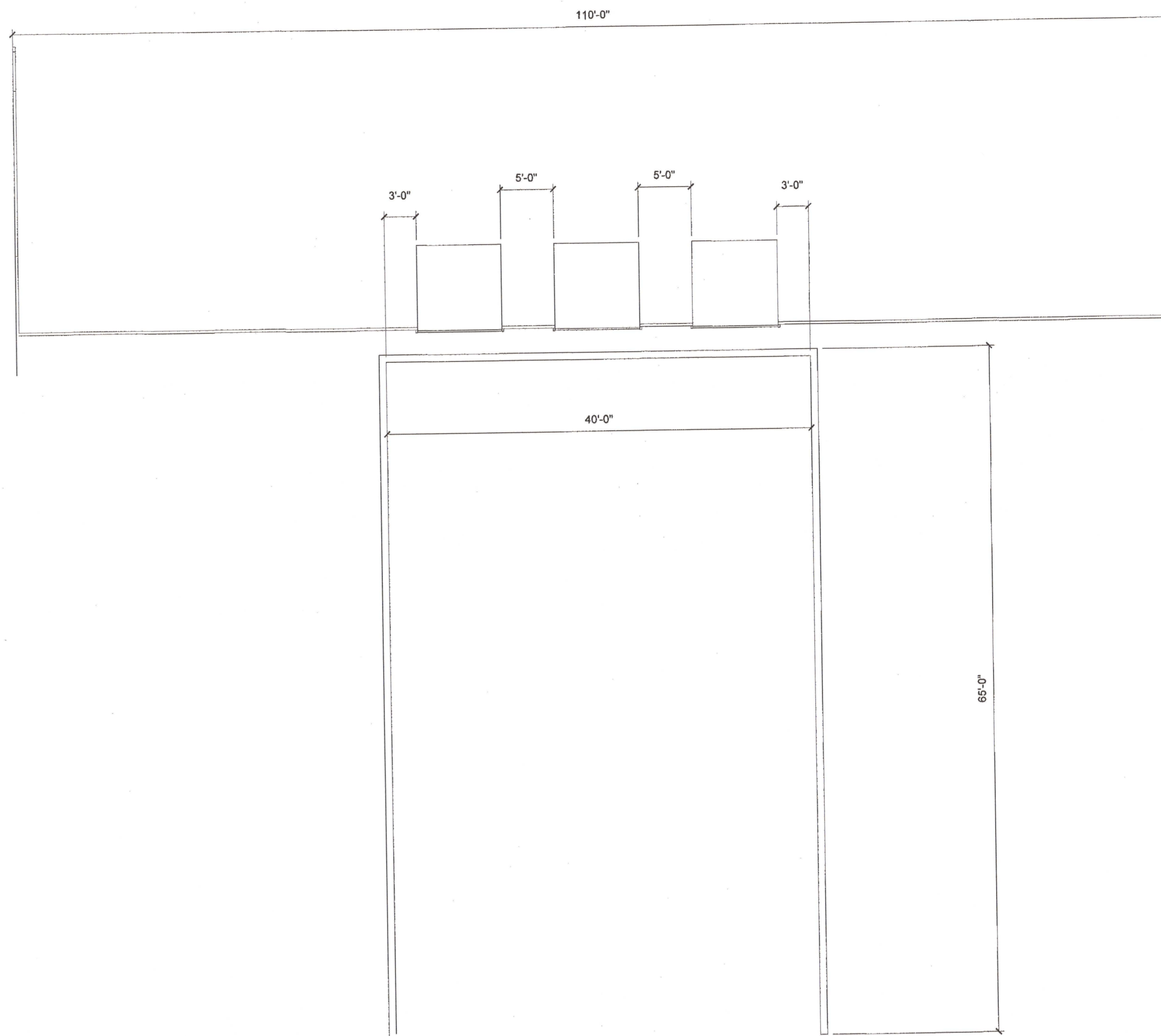
CHART "B"

DESIGN CRITERIA:

1. CONCRETE TO BE 3,000 P.S.I. (MIN).
2. REINFORCING TO BE GRADE 60 ASTM A615.
3. MINIMUM ALLOWABLE SOIL BEARING PRESSURE TO BE 2,000 P.S.F. U.N.D.
4. SOIL FRICTION ANGLE = 30X.
5. BACKFILL MATERIAL TO BE AS SHOWN.
6. SURCHARGE LOADING: NONE.
7. THE SOIL COEFFICIENT OF FRICTION = 0.40.
8. PASSIVE SOIL PRESSURE = 528 P.S.F.
9. ACTIVE SOIL PRESSURE = 28.3 P.S.F.
10. SOIL DENSITY = 110 P.C.F.
11. CONCRETE DENSITY = 150 P.C.F.

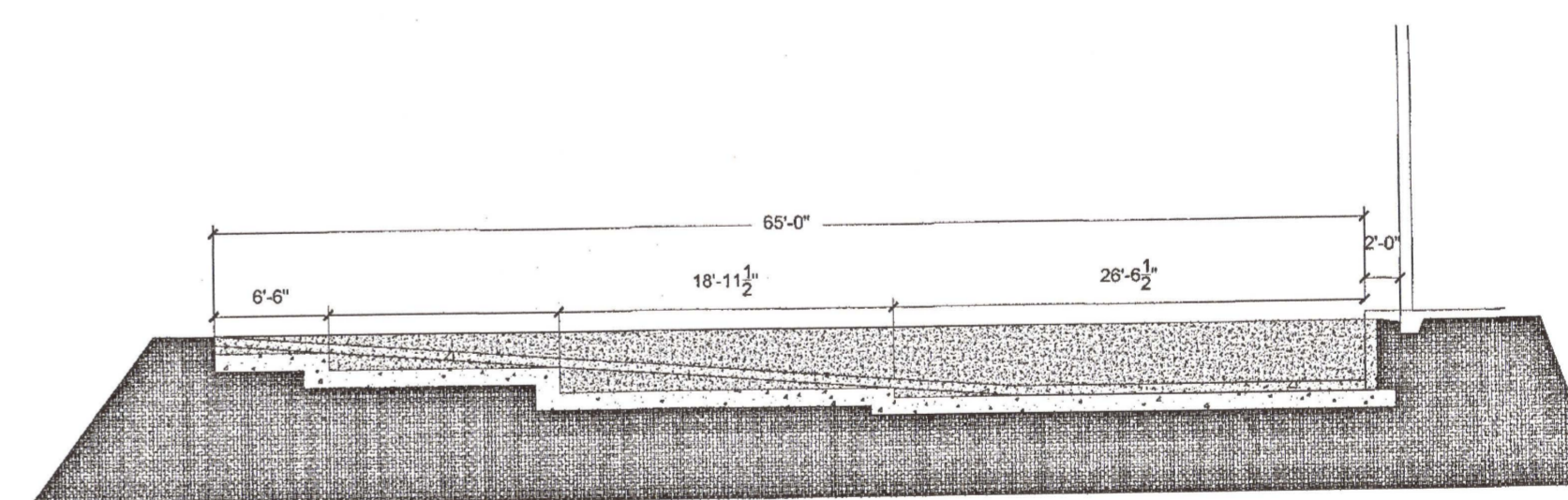
GENERAL NOTES:

1. CONCRETE SHALL BE 3,000 PSI @ 28 DAYS WITH A SLUMP OF 5" ± 1". CONCRETE SHALL BE AIR ENTRAINED 3% TO 5%.
2. REINFORCING GRADE 60, ASTM A615.
3. REINFORCING STEEL TO BE SET WITH CLEARANCE TO NEAREST FACE. (AS SHOWN ON PLAN)
4. PROVIDE 4" THRU-WALL DRAINS SPACED 8'-0" CENTER TO CENTER AT BOTTOM FINISHED GRADE AT THE TOP. SHOULD BE CONSTRUCTED WITHIN 6" OF THE INVERT ELEVATIONS OF THE 4" WEEP HOLES. FOR WALLS OVER 12' HIGH ADDITIONAL 4" THRU-WALL DRAINS SPACED 8'-0" CENTER TO CENTER AT MIDHEIGHT SHALL BE PROVIDED.
5. PROVIDE 18" WIDE x 2/3 HEIGHT OF WALL CONTINUOUS GRAVEL STRIP BEHIND WALL.
6. CONCRETE MUST CURE FOR 28 DAYS PRIOR TO BACKFILLING WALL.
7. USE OF THIS STANDARD DESIGN MUST BE APPROVED IN WRITING BY THE UNDERSIGNED FOR EACH SPECIFIC APPLICATION.
8. COMPACT BACKFILL TO 95% OF MODIFIED PROCTOR. USE SMALL OR HAND HELD EQUIPMENT NEAR WALL.
9. INSPECTION SHALL BE PERFORMED PRIOR TO PLACING OF CONCRETE BY A REPRESENTATIVE OF THE FIRM: MACON E. GOUGH II, BUILDING CONSULTANTS, INC.
10. FOOTING DESIGN APPLIES FOR FOUNDATION CONSTRUCTED ON ORIGINAL / CUT GRADE ONLY. IF A FILL CONDITION EXISTS CONTACT A REPRESENTATIVE OF THE FIRM: MACON E. GOUGH II, BUILDING CONSULTANTS, INC.
11. MINIMUM ALLOWABLE BEARING CAPACITY SHALL BE VERIFIED BY A REPRESENTATIVE OF THE FIRM: MACON E. GOUGH II, BUILDING CONSULTANTS, INC.

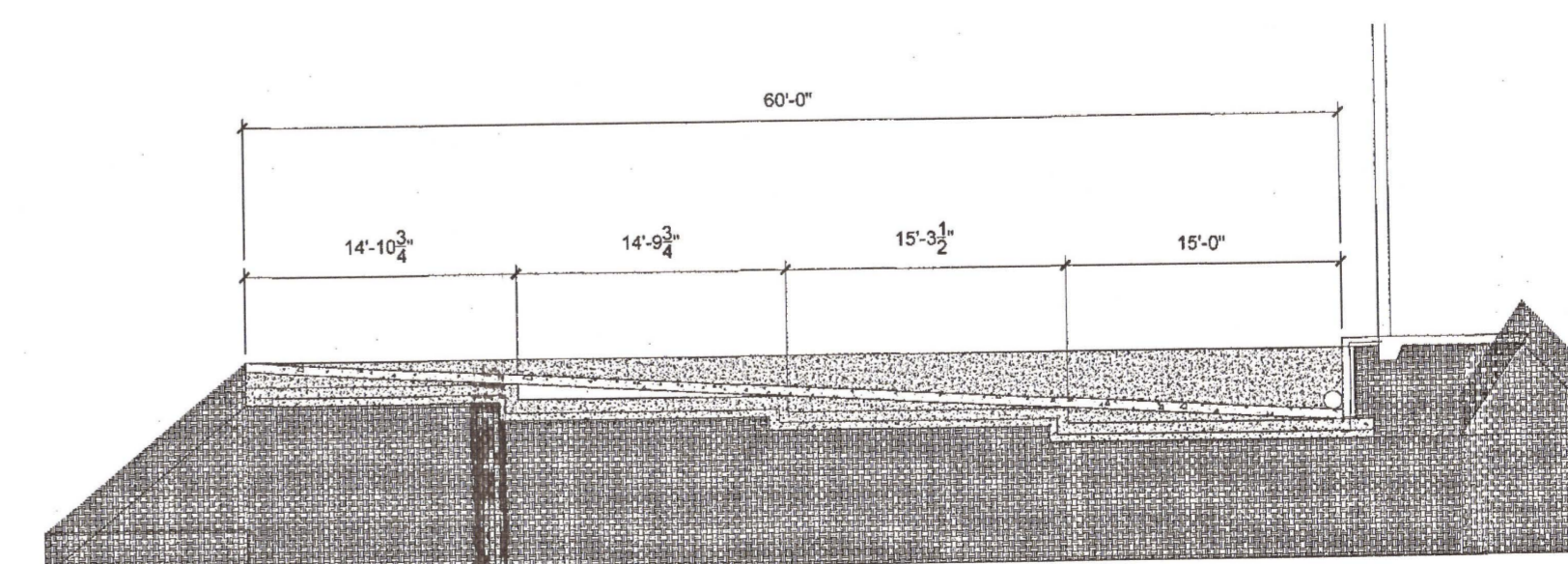


PLAN VIEW

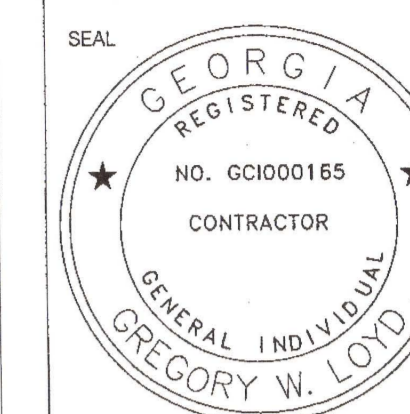
SCALE: 1/8" = 1'



OPT. 1



OPT. 2



GEORGE E. MERCURY, LLC

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GAINESVILLE, GA 30501
FAX: 770.534.1795
CELL: 678.283.5898

PROJECT

SERMAVICA, LLC
446 HIGHLAND DR
GAINESVILLE, GA

PROJECT OWNER

JOE BAUZA
504 ATLANTA HWY
GAINESVILLE, GEORGIA
470-301 5121

RELEASED FOR CONSTRUCTION: 00/00
PRELIMINARY NOT FOR CONSTRUCTION: 00/00

REVISION

MARK	DATE	DESCRIPTION
	5.12.21	RESPONSE TO COM

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SHEET
FLOOR PLAN
A1.0

SERMAVICA DOKKING