

**GENERAL NOTES:**

- IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY THAT ALL DIMENSIONS, ROOF PITCHES, AND SQUARE FOOTAGE ARE CORRECT PRIOR TO CONSTRUCTION. K&A HOME DESIGNS, INC. IS NOT RESPONSIBLE FOR ANY DIMENSIONING, ROOF PITCH, OR SQUARE FOOTAGE ERRORS ONCE CONSTRUCTION BEGINS.
- ALL WALLS SHOWN ON THE FLOOR PLANS ARE DRAWN AT 4" UNLESS NOTED OTHERWISE.
- ALL ANGLED WALL SHOWN ON THE PLANS ARE 45 DEGREES UNLESS NOTED OTHERWISE.
- STUD WALL DESIGN SHALL CONFORM TO ALL NORTH CAROLINA STATE BUILDING CODE REQUIREMENTS.
- DO NOT SCALE PLANS. DRAWING SCALE MAY BE DISTORTED DUE TO COPIER IMPERFECTIONS.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH NORTH CAROLINA RESIDENTIAL STATE BUILDING CODE, 2008 EDITION.

**SQUARE FOOTAGE**

HEATED SQUARE FOOTAGE	UNHEATED SQUARE FOOTAGE
FIRST FLOOR= 894	GARAGE= 392
SECOND FLOOR= 1153	FRONT PORCH= 106
THIRD FLOOR= N/A	SCREEN PORCH= 150
BASEMENT= N/A	DECK= N/A
	THIRD FLOOR= 484

TOTAL HEATED= 2047      TOTAL UNHEATED= 1132

**CRAWL SPACE VENTILATION CALCULATIONS**

- VENT LOCATIONS MAY VARY FROM THOSE SHOWN ON THE PLAN BUT SHOULD BE PLACED TO PROVIDE ADEQUATE VENTILATION AT ALL POINTS TO PREVENT DEAD AIR POCKETS.
- 100% VAPOR BARRIER MUST BE PROVIDED WITH 12" MIN. LAP JOINTS.

-THE TOTAL AREA OF VENTILATION OPENINGS MAY BE REDUCED TO 1/300 AS LONG AS REQUIRED OPENINGS ARE PLACED SO AS TO PROVIDE CROSS-VENTILATION OF THE SPACE. THE INSTALLATION OF OPERABLE LOUVERS SHALL NOT BE PROHIBITED. (COMPLY WITH NC CODE MIN. WITH REGARD TO VENT PLACEMENT FROM CORNERS)

894      SQ. FT. OF CRAWLSPACE/300

.60      SQ. FT. OF REQUIRED VENTILATION

PROVIDED BY: 3      VENTS AT 0.45 SQ. FT. NET FREE VENTILATION EACH= 1.35      SQ. FT. OF VENTILATION

\*\*FOUNDATION DRAINAGE- WATERPROOFING PER SECTIONS 405 & 406.

**ATTIC VENTILATION CALCULATIONS**

- CALCULATIONS SHOWN BELOW ARE BASED ON VENTILATORS USED AT LEAST 3 FT. ABOVE THE CORNICE VENTS WITH THE BALANCE OF VENTILATION PROVIDED BY EAVE VENTS.
- CATHEDRAL CEILINGS SHALL HAVE A MIN. 1" CLEARANCE BETWEEN THE BOTTOM OF THE ROOF DECK AND THE INSULATION.

1542      SQ. FT. OF ATTIC/300= 5.14

EACH OF INLET AND OUTLET REQUIRED.

**WALL AND ROOF CLADDING DESIGN VALUES**

- WALL CLADDING IS DESIGNED FOR A 24.1 SQ. FT. OR GREATER POSITIVE AND NEGATIVE PRESSURE.

- ROOF VALUES BOTH POSITIVE AND NEGATIVE SHALL BE AS FOLLOWS:

45.5 LBS. PER SQ. FT. FOR ROOF PITCHES OF 0/12 TO 2.25/12

34.8 LBS. PER SQ. FT. FOR ROOF PITCHES OF 2.25/12 TO 7/12

21 LBS. PER SQ. FT. FOR ROOF PITCHES OF 7/12 TO 12/12

\*\* MEAN ROOF HEIGHT 30' OR LESS



**FRONT ELEVATION 'B'**  
1/4" = 1'-0"



**REAR ELEVATION**  
1/8" = 1'-0"



DATE	20-339
DATE	1-20-21
DESIGNER	K&A
DATE	REFER TO ELEV.

NO.	DATE	REVISIONS

9101 Ten-Ten Rd.  
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Office: (919) 302-0693



Website: www.KandAHomeDesigns.com  
Email: Kent@KandAHomeDesigns.com



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Chapel Hill, NC 27516  
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# Attachment F

## GENERAL NOTES:

- IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE ALL DIMENSIONS, ROOM FINISHES AND SQUARE FOOTAGE ARE CORRECT PRIOR TO CONSTRUCTION. MAKE HOME DESIGN, INC. IS NOT RESPONSIBLE FOR ANY DIMENSIONING, ROOM FINISH OR SQUARE FOOTAGE ERRORS ONCE CONSTRUCTION BEGINS.
- ALL VENTILES SHOWN ON THE ROOF PLANS ARE DRAWN AT 4" UNLESS NOTED OTHERWISE.
- ALL RAISED WALLS SHOWN ON THE PLANS ARE 4" DEGREE UNLESS NOTED OTHERWISE.
- STUD WALLS BEYOND SHALL CONFORM TO ALL NORTH CAROLINA STATE BUILDING CODE REQUIREMENTS.
- DO NOT SCALE PLANS DRAWINGS SCALE MAY BE DISTORTED DUE TO COMPUTER REPRODUCTION.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH NORTH CAROLINA RESIDENTIAL STATE BUILDING CODE, 2008 EDITION.

## SQUARE FOOTAGE

HEATED SQUARE FOOTAGE	UNHEATED SQUARE FOOTAGE
FIRST FLOOR= 1099	CARPORT= 462
SECOND FLOOR= 1426	FRONT PORCH= 118
THIRD FLOOR= N/A	SCREEN PORCH= 121
BASEMENT= N/A	DECK= N/A
	STORAGE= 925
	CPT. DOWNERS= 45
<b>TOTAL HEATED= 2516</b>	<b>TOTAL UNHEATED= 1671</b>

## CRAWL SPACE VENTILATION CALCULATIONS

VENT LOCATIONS MAY VARY FROM THOSE SHOWN ON THE PLAN BUT SHOULD BE PLACED TO PROVIDE ADEQUATE VENTILATION AT ALL POINTS TO PREVENT DEAD AIR POCKETS.  
 -100% VAPOR BARRIER MUST BE PROVIDED WITH 12" MIN. LAP JOINTS.

-THE TOTAL AREA OF VENTILATION OPENINGS MAY BE REDUCED TO 1/2800 AS LONG AS REQUIRED CRAWL SPACE VENTILATION IS PROVIDED AT ALL POINTS TO PREVENT DEAD AIR POCKETS. THE TOTAL AREA OF OPERABLE CLOSET SHALL NOT BE PROVIDED. (COMPLY WITH NC CODE MIN. WITH REGARD TO VENT PLACEMENT FROM CORNER)

1090 SQ. FT. OF CRAWL SPACE/1500

73 SQ. FT. OF REQUIRED VENTILATION

PROVIDED BY: 4 VENTS AT 0.45 SQ. FT. NET FREE VENTILATION EACH = 1.8 SQ. FT. OF VENTILATION

## \*\*FOUNDATION DRAINAGE WATERPROOFING PER SECTIONS 403 & 406.

## ATTIC VENTILATION CALCULATIONS

-CALCULATIONS SHOWN BELOW ARE BASED ON VENTILATIONS LISTED AT LEAST 3 FT. ABOVE THE CONNECT VENTS WITH THE BALANCE OF VENTILATION PROVIDED BY EAVE VENTS.  
 -CEILING INSULATION SHALL HAVE A MIN. 1" CLEARANCE BETWEEN THE BOTTOM OF THE ROOF DECK AND THE INSULATION.

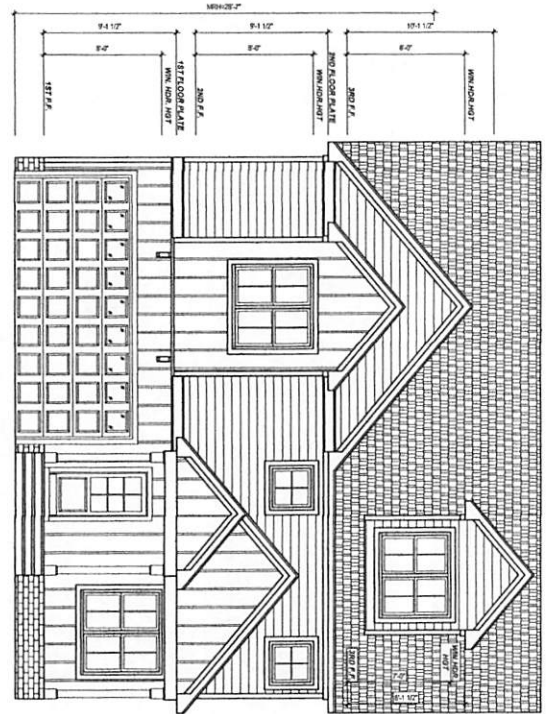
1804 SQ. FT. OF ATTIC/ROOF EACH OF INLET AND OUTLET REQUIRED

6.01

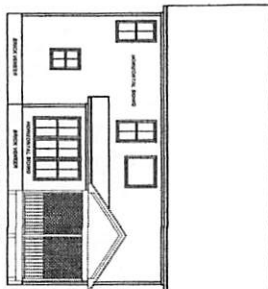
## \*\*WALL AND ROOF CLEARANCE REQUIREMENTS

- WALL CLEARANCE IS REQUIRED FOR A 24.1 SQ. FT. OR GREATER POSITIVE AND NEGATIVE PRESSURE.
- ROOF VALUES BOTH POSITIVE AND NEGATIVE SHALL BE AS FOLLOWS:  
 45.5 LBS. PER SQ. FT. FOR ROOF PITCHES OF 0/12 TO 2.5/12  
 34.8 LBS. PER SQ. FT. FOR ROOF PITCHES OF 2.5/12 TO 7/12  
 21.8 LBS. PER SQ. FT. FOR ROOF PITCHES OF 7/12 TO 12/12

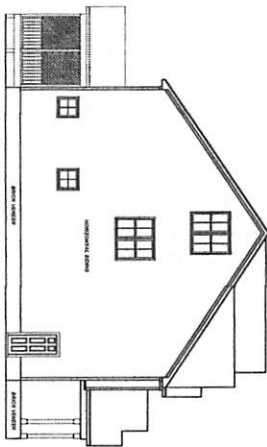
## \*\*MEAN ROOF HEIGHT PER TABLES



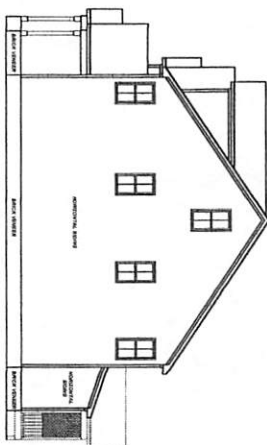
FRONT ELEVATION  
1/8" = 1'-0"



REAR ELEVATION  
1/8" = 1'-0"



LEFT ELEVATION  
1/8" = 1'-0"



RIGHT ELEVATION  
1/8" = 1'-0"

DATE	2/13/21
REVISION	6-28-21
DESIGNER	ADAM
REFER TO ELEV.	

NO.	REVISIONS
1	ISSUED

9101 Ten-Ten Rd.  
 Raleigh, NC 27603  
 Office: (919) 302-0693



**New Kentfield**

**Zinn Brothers Const.**  
 301 Montclair Way  
 Chapel Hill, NC 27516  
 adam@zinncompanies.com

Sheet Number  
**1**  
 of 5  
 ELEVATION 'A'

**GENERAL NOTES:**

- IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THAT ALL DIMENSIONS, ROOF PITCHES, AND SQUARE FOOTAGE ARE CORRECT PRIOR TO CONSTRUCTION. K&A HOME DESIGNS, INC. IS NOT RESPONSIBLE FOR ANY DIMENSIONING, ROOF PITCH, OR SQUARE FOOTAGE ERRORS ONCE CONSTRUCTION BEGINS.
- ALL WALLS SHOWN ON THE FLOOR PLANS ARE DRAWN AT 4" UNLESS NOTED OTHERWISE.
- ALL ANGLED WALLS SHOWN ON THE PLANS ARE 45 DEGREES UNLESS NOTED OTHERWISE.
- STUD WALL DESIGN SHALL CONFORM TO ALL NORTH CAROLINA STATE BUILDING CODE REQUIREMENTS.
- DO NOT SCALE PLANS. DRAWING SCALE MAY BE DISTORTED DUE TO COPIER IMPERFECTIONS.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH NORTH CAROLINA RESIDENTIAL STATE BUILDING CODE, 2018 EDITION.

**SQUARE FOOTAGE**

HEATED SQUARE FOOTAGE	UNHEATED SQUARE FOOTAGE
FIRST FLOOR= 872	GARAGE= 251
SECOND FLOOR= 930	FRONT PORCH= 66
THIRD FLOOR= N/A	SCREEN PORCH= 102
BASEMENT= N/A	DECK= N/A
	THIRD FLOOR= 484

**TOTAL HEATED= 1802      TOTAL UNHEATED= 903**

**CRAWL SPACE VENTILATION CALCULATIONS**

- VENT LOCATIONS MAY VARY FROM THOSE SHOWN ON THE PLAN BUT SHOULD BE PLACED TO PROVIDE ADEQUATE VENTILATION AT ALL POINTS TO PREVENT DEAD AIR POCKETS.
- 100% VAPOR BARRIER MUST BE PROVIDED WITH 12" MIN. LAP JOINTS.
- THE TOTAL AREA OF VENTILATION OPENINGS MAY BE REDUCED TO 1/1800 AS LONG AS REQUIRED OPENINGS ARE PLACED SO AS TO PROVIDE CROSS-VENTILATION OF THE SPACE. THE INSTALLATION OF OPERABLE LOUVERS SHALL NOT BE PROHIBITED. (COMPLY WITH NC CODE MIN. WITH REGARD TO VENT PLACEMENT FROM CORNERS)

872      SQ. FT. OF CRAWLSPACE/1500  
 .58      SQ. FT. OF REQUIRED VENTILATION

PROVIDED BY: 2      VENTS AT 0.45 SQ. FT. NET FREE  
 VENTILATION EACH= .90      SQ. FT. OF VENTILATION

**\*\*FOUNDATION DRAINAGE- WATERPROOFING PER SECTIONS 405 & 406.**

**ATTIC VENTILATION CALCULATIONS**

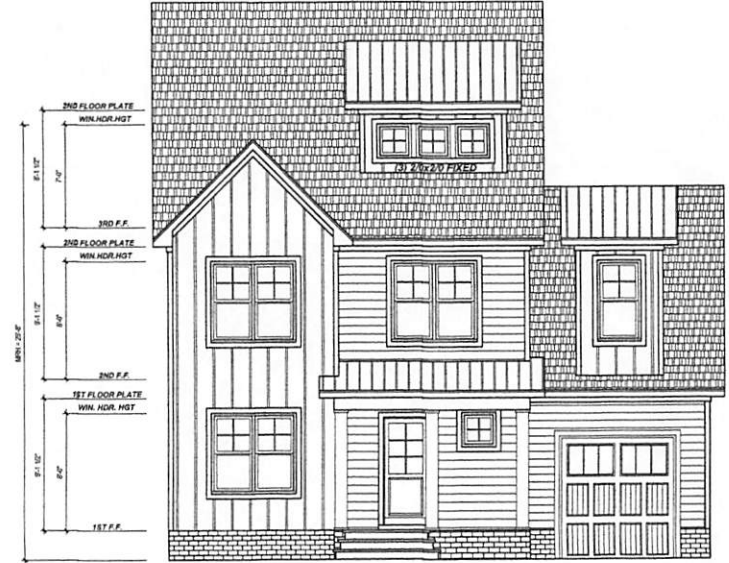
- CALCULATIONS SHOWN BELOW ARE BASED ON VENTILATORS USED AT LEAST 3 FT. ABOVE THE CORNICE VENTS WITH THE BALANCE OF VENTILATION PROVIDED BE EAVE VENTS.
- CATHEDRAL CEILINGS SHALL HAVE A MIN. 1" CLEARANCE BETWEEN THE BOTTOM OF THE ROOF DECK AND THE INSULATION.

1800      SQ. FT. OF ATTIC/300=      4.33  
 EACH OF INLET AND OUTLET REQUIRED.

**\*\*WALL AND ROOF CLADDING DESIGN VALUES**

- WALL CLADDING IS DESIGNED FOR A 24.1 SQ. FT. OR GREATER POSITIVE AND NEGATIVE PRESSURE.
- ROOF VALUES BOTH POSITIVE AND NEGATIVE SHALL BE AS FOLLOWS:  
 45.5 LBS. PER SQ. FT. FOR ROOF PITCHES OF 0/12 TO 2.25/12  
 34.8 LBS. PER SQ. FT. FOR ROOF PITCHES OF 2.25/12 TO 7/12  
 21 LBS. PER SQ. FT. FOR ROOF PITCHES OF 7/12 TO 12/12

**\*\* MEAN ROOF HEIGHT 30' OR LESS**



**FRONT ELEVATION 'C'**  
 1/4" = 1'-0"



**LEFT ELEVATION**  
 1/8" = 1'-0"



**REAR ELEVATION**  
 1/8" = 1'-0"

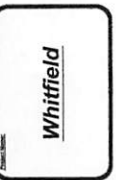


**RIGHT ELEVATION**  
 1/8" = 1'-0"

Client:	20-340
Date:	1-21-21
Designer:	KBB
Notes:	REFER TO ELEV.

REVISIONS	
No.	Remarks

9101 Ten-Ten Rd.  
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ELEVATION 'C'

Sheet Number  
**1**  
 of 3

Mobile: www.KandAThomaDesign.com Email: Kendall@KandAThomaDesign.com

**GENERAL NOTES:**

- IT IS THE CONTRACTORS RESPONSIBILITY TO VERIFY THAT ALL DIMENSIONS, ROOF PITCHES, AND SQUARE FOOTAGE ARE CORRECT PRIOR TO CONSTRUCTION. K&A HOME DESIGNS, INC. IS NOT RESPONSIBLE FOR ANY DIMENSIONING, ROOF PITCH, OR SQUARE FOOTAGE ERRORS ONCE CONSTRUCTION BEGINS.
- ALL WALLS SHOWN ON THE FLOOR PLANS ARE DRAWN AT 4" UNLESS NOTED OTHERWISE.
- ALL ANGLED WALLS SHOWN ON THE PLANS ARE 45 DEGREES UNLESS NOTED OTHERWISE.
- STUD WALL DESIGN SHALL CONFORM TO ALL NORTH CAROLINA STATE BUILDING CODE REQUIREMENTS.
- DO NOT SCALE PLANS. DRAWING SCALE MAY BE DISTORTED DUE TO COPIER IMPERFECTIONS.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH NORTH CAROLINA RESIDENTIAL STATE BUILDING CODE, 2018 EDITION.

**SQUARE FOOTAGE**

HEATED SQUARE FOOTAGE	UNHEATED SQUARE FOOTAGE
FIRST FLOOR= 1013	GARAGE= 428
SECOND FLOOR= 1317	FRONT PORCH= 89
THIRD FLOOR= N/A	SCREEN PORCH= N/A
BASEMENT= N/A	DECK= N/A
THIRD FLOOR= 810	
<b>TOTAL HEATED= 2332</b>	<b>TOTAL UNHEATED= 1327</b>

**CRAWL SPACE VENTILATION CALCULATIONS**

- VENT LOCATIONS MAY VARY FROM THOSE SHOWN ON THE PLAN BUT SHOULD BE PLACED TO PROVIDE ADEQUATE VENTILATION AT ALL POINTS TO PREVENT DEAD AIR POCKETS.
- 100% VAPOR BARRIER MUST BE PROVIDED WITH 12" MIN. LAP JOINTS.
- THE TOTAL AREA OF VENTILATION OPENINGS MAY BE REDUCED TO 1/1200 AS LONG AS REQUIRED OPENINGS ARE PLACED SO AS TO PROVIDE CROSS-VENTILATION OF THE SPACE. THE INSTALLATION OF OPERABLE LOUVERS SHALL NOT BE PROHIBITED. (COMPLY WITH NC CODE MIN. WITH REGARD TO VENT PLACEMENT FROM CORNERS)

1015 SQ. FT. OF CRAWL SPACE/1500  
 .67 SQ. FT. OF REQUIRED VENTILATION

PROVIDED BY: 2 VENTS AT 0.45 SQ. FT. NET FREE  
 VENTILATION EACH= .90 SQ. FT. OF VENTILATION

**\*\*FOUNDATION DRAINAGE- WATERPROOFING PER SECTIONS 402 & 406.**

**ATTIC VENTILATION CALCULATIONS**

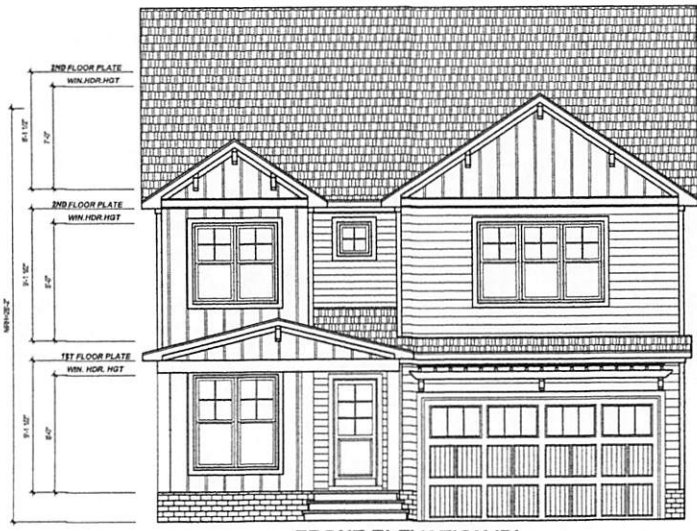
- CALCULATIONS SHOWN BELOW ARE BASED ON VENTILATORS USED AT LEAST 3 FT. ABOVE THE CORNICE VENTS WITH THE BALANCE OF VENTILATION PROVIDED BE EAVE VENTS.
- CATHEDRAL CEILINGS SHALL HAVE A MIN. 1" CLEARANCE BETWEEN THE BOTTOM OF THE ROOF DECK AND THE INSULATION.

1657 SQ. FT. OF ATTIC/300= 5.52  
 EACH OF INLET AND OUTLET REQUIRED.

**WALL AND ROOF CLADDING DESIGN VALUES**

- WALL CLADDING IS DESIGNED FOR A 24.1 SQ. FT. OR GREATER POSITIVE AND NEGATIVE PRESSURE.
- ROOF VALUES BOTH POSITIVE AND NEGATIVE SHALL BE AS FOLLOWS:  
 45.5 LBS. PER SQ. FT. FOR ROOF PITCHES OF 0/12 TO 2.25/12  
 34.8 LBS. PER SQ. FT. FOR ROOF PITCHES OF 2.25/12 TO 7/12  
 21 LBS. PER SQ. FT. FOR ROOF PITCHES OF 7/12 TO 12/12

**\*\* MEAN ROOF HEIGHT 30' OR LESS**



**FRONT ELEVATION 'B'**  
 1/4" = 1'-0"



**LEFT ELEVATION**  
 1/8" = 1'-0"



**REAR ELEVATION**  
 1/8" = 1'-0"



**RIGHT ELEVATION**  
 1/8" = 1'-0"

Client:	20-334
Date:	1-19-21
Designer:	K&A
Checker:	K&A
Scale:	REFER TO ELEV.

REVISIONS	
No.	Revised

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ELEVATION 'B'

Sheet Number  
 1  
 of 3

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