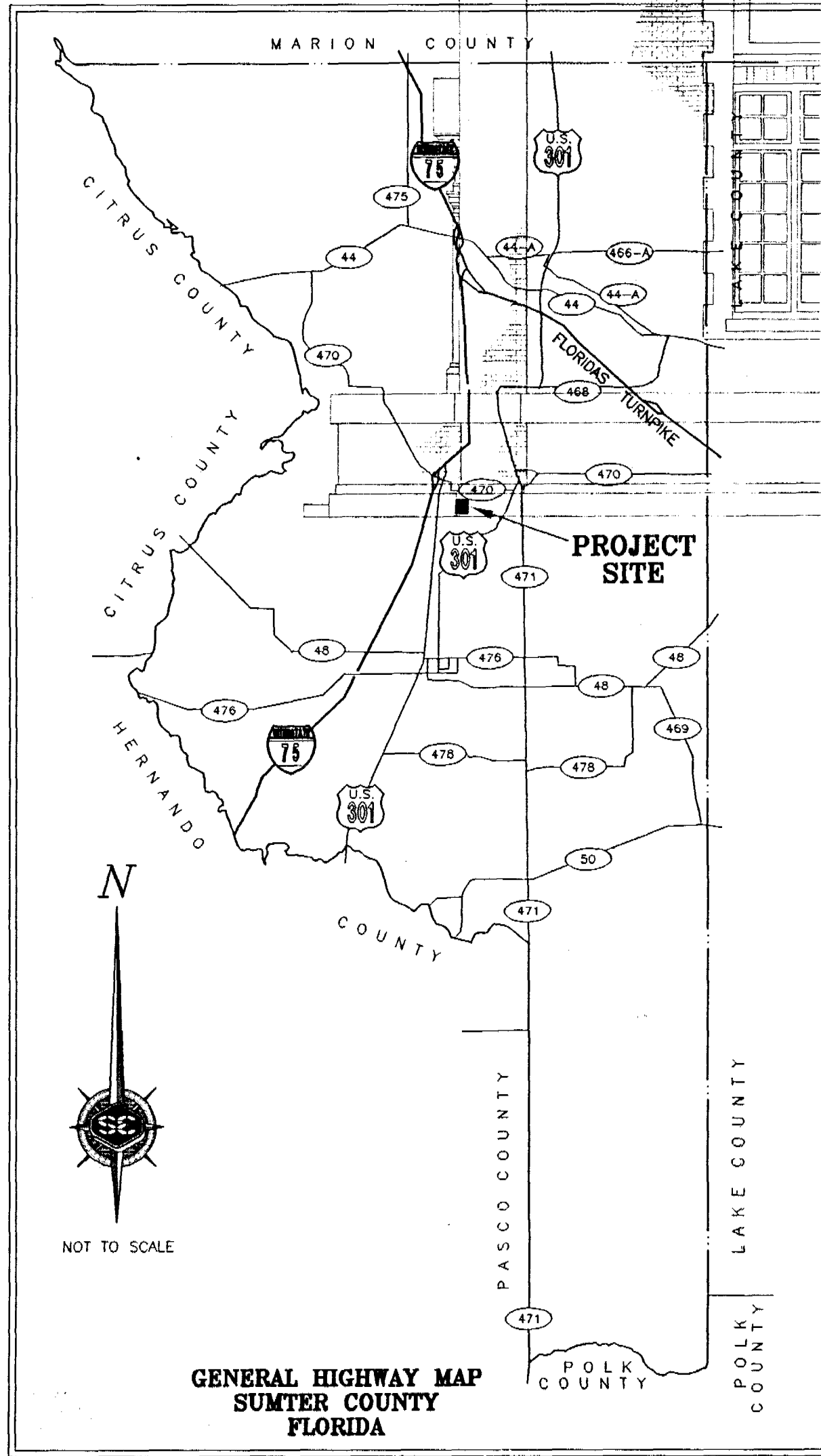


932919
①

SUMTER COUNTY COMPOSTING, PROCESSING AND RECYCLING FACILITY COMPOST FINISHING BUILDING-2

SUMTER COUNTY BOARD OF COUNTY COMMISSIONERS

Board of County Commissioners Sumter County, Florida



BENNY STRICKLAND
CHAIRMAN
District 1

BILLY "TINY" RUTTER
VICE CHAIRMAN
District 3

ROBIN COX
District 5

KAREN KRAUSS
District 4

JOEY CHANDLER
District 2

BERNARD DEW
COUNTY ADMINISTRATOR

GARRY BREEDEN
DIRECTOR OF PUBLIC WORKS

TOMMY HURST
ASST. DIRECTOR OF PUBLIC WORKS

TERRY HURST
FACILITY DIRECTOR

INDEX	
DESCRIPTION	SHEET
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SITE PLAN	2
FLOOR PLAN	3
FOUNDATION PLAN	4
ELEVATIONS	5
ELEVATIONS	6
ELECTRICAL PLAN	7

CLIENT:	SUMTER COUNTY BOARD OF COUNTY COMMISSIONERS	1 of 7
PROJECT:	COMPOST FINISHING BUILDING-2	
DRAWING:	COVER SHEET	

Springstead Engineering, Inc.

Consulting Engineers
Planners
Surveyors

727 South 14th Street
Leesburg, FL 34748
(904) 787-1414

SCALE:	FILE:	DATE:
NONE	COVER	1/08/99
DESIGN:	DRAWN:	CHECKED:
RMC-3	gms	gms

DRAWING: COVER SHEET

CLIENT: SCBCC

JOB NO.:	SHEET: 1
92-1100.010	OF: 7

AUG 24 1999

C:\A0012\065\SCBCC\921100.010\DWG\SITE Tue Feb 9 15:17:51 1999 *** MCH ***

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LEGAL DESCRIPTION:

THE NE 1/4 OF THE NE 1/4 OF
SECTION 22, TWP. 20 S., RNG. 22 E.
SUMTER COUNTY, FLORIDA.

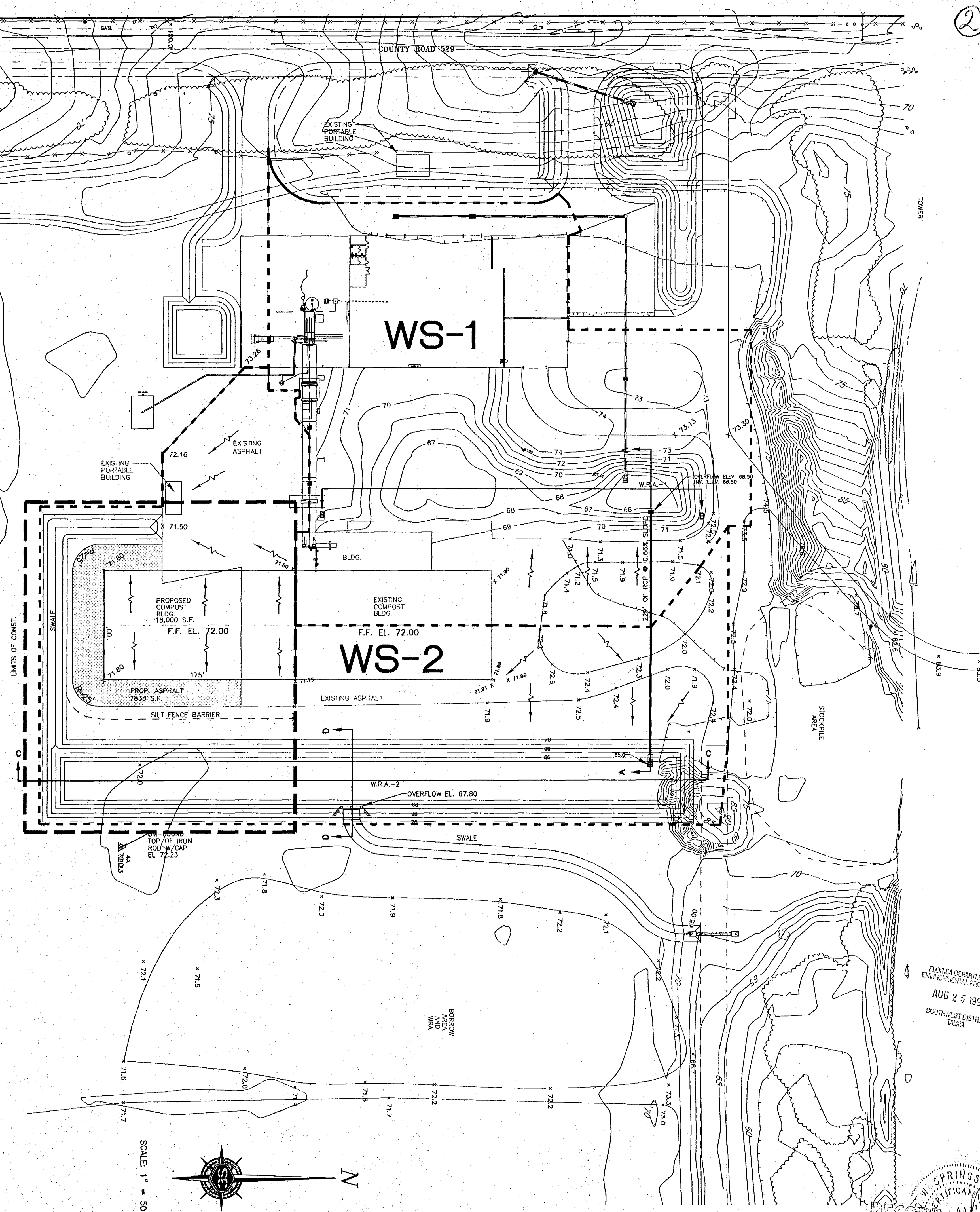
TOTAL PROJECT AREA: 315,714 S.F. (7.248 AC.)

WS-1 TOTAL AREA =	127,857 S.F.	(2.935 AC.)	
EXISTING IMPERVIOUS =	0.00 S.F.	(0.0 AC.)	0.0%
PROPOSED IMPERVIOUS =	73,571 S.F.	(1.689 AC.)	57.54%
PROPOSED OPEN SPACE =	54,286 S.F.	(1.246 AC.)	42.46%

WS-2 TOTAL AREA =	187,857 S.F.	(4.313 AC.)	
EXISTING IMPERVIOUS =	0.00 S.F.	(0.00 AC.)	0.0%
PROPOSED IMPERVIOUS =	74,107 S.F.	(1.701 AC.)	39.45%
PROPOSED OPEN SPACE =	113,750 S.F.	(2.611 AC.)	60.55%

LEGEND	
	SILT FENCE BARRIER
	WATER SHED DIVIDE
	LIMITS OF CONSTRUCTION
	EXISTING CONTOURS
	PROPOSED CONTOURS
WS =	WATER SHED

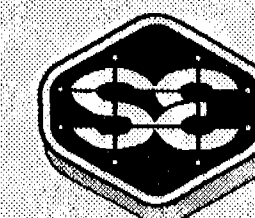
EXISTING GROUND CONTOURS
IN THE AREA SHOWN HAVE
CHANGED SINCE THE SITE WAS
FLOWN ON MARCH 30, 1994
AND HAVE NOT BEEN UPDATED.



CLIENT: SUMTER COUNTY BOARD OF COUNTY COMMISSIONERS
PROJECT: COMPOST FINISHING BUILDING-2
DRAWING: SITE PLAN

2 of 7

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Engineering, Inc.



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Leesburg, FL 34748
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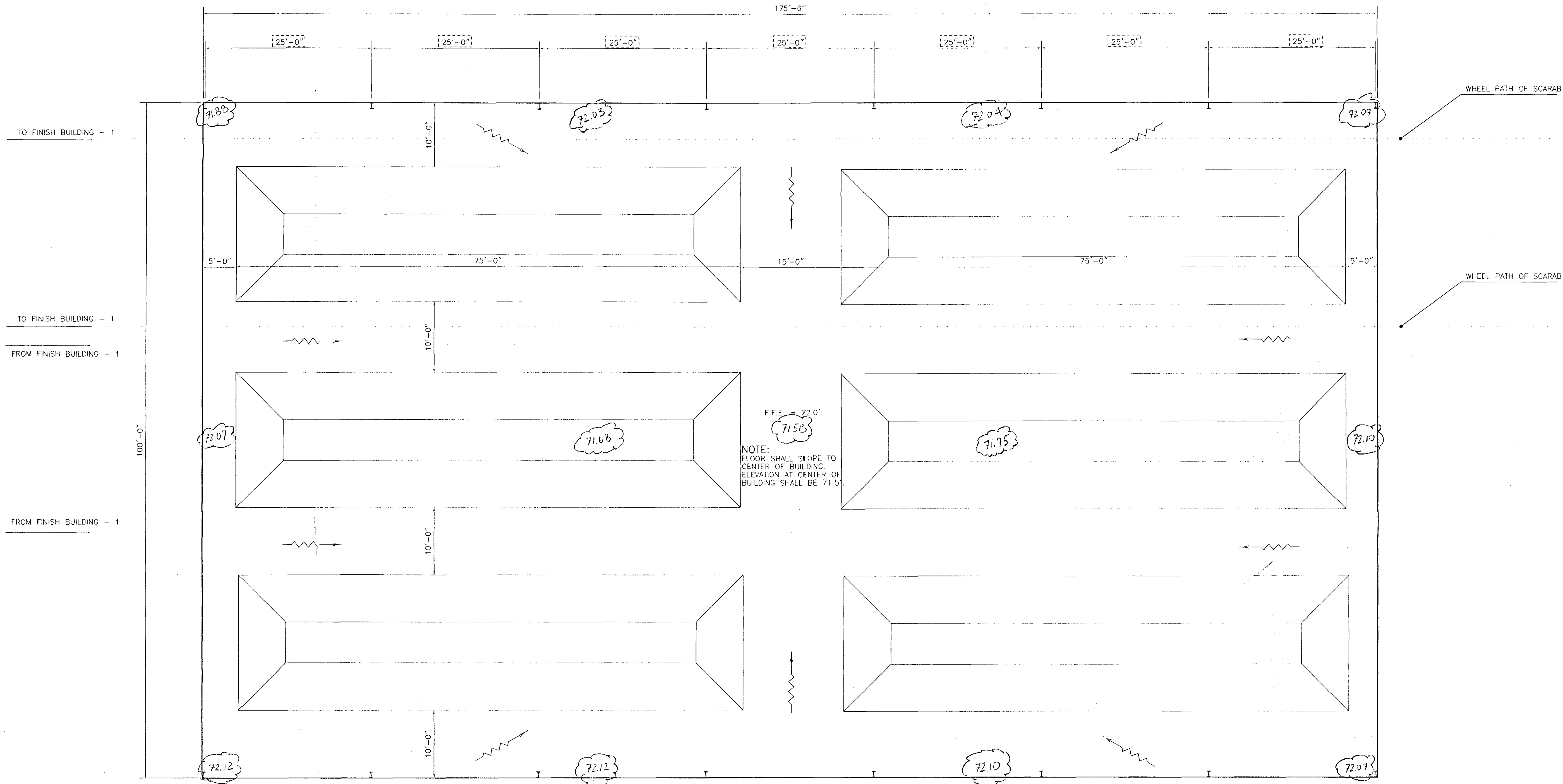
SCALE:	FILE:	DATE:
1" = 50'	COMSITE	12/98
DESIGN:	DRAWN:	CHECKED:
RMC-3	JMS	DLB

DRAWING: SITE PLAN
COMPOST FINISHING BLDG.-2
CLIENT: SCBCC

JOB NO.:	SHEET:
921100.010	2
	OF: 7

AUG 24 1999

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COMPOST FINISH BUILDING ADDITION DESIGN CAPACITY:

TOTAL VOLUME OF COMPOST IN EACH ROW = 229.2 CY
TOTAL VOLUME OF COMPOST IN BUILDING ADDITION = 229.2 CY X 6 ROWS = 1,375 CY
TOTAL VOLUME OF COMPOST IN TOTAL BUILDING = 2,520 CY

71.00 - AS-BUILT ELEVATION OF SLAB


FLORIDA DEPARTMENT OF
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AUG 25 1999
SOUTHWEST DISTRICT
TALLAHASSEE

NOTE:
BAY WIDTH MAY BE REDUCED
TO 20'-0" IF BUILDING IS
LENGTHENED TO 180'-0".

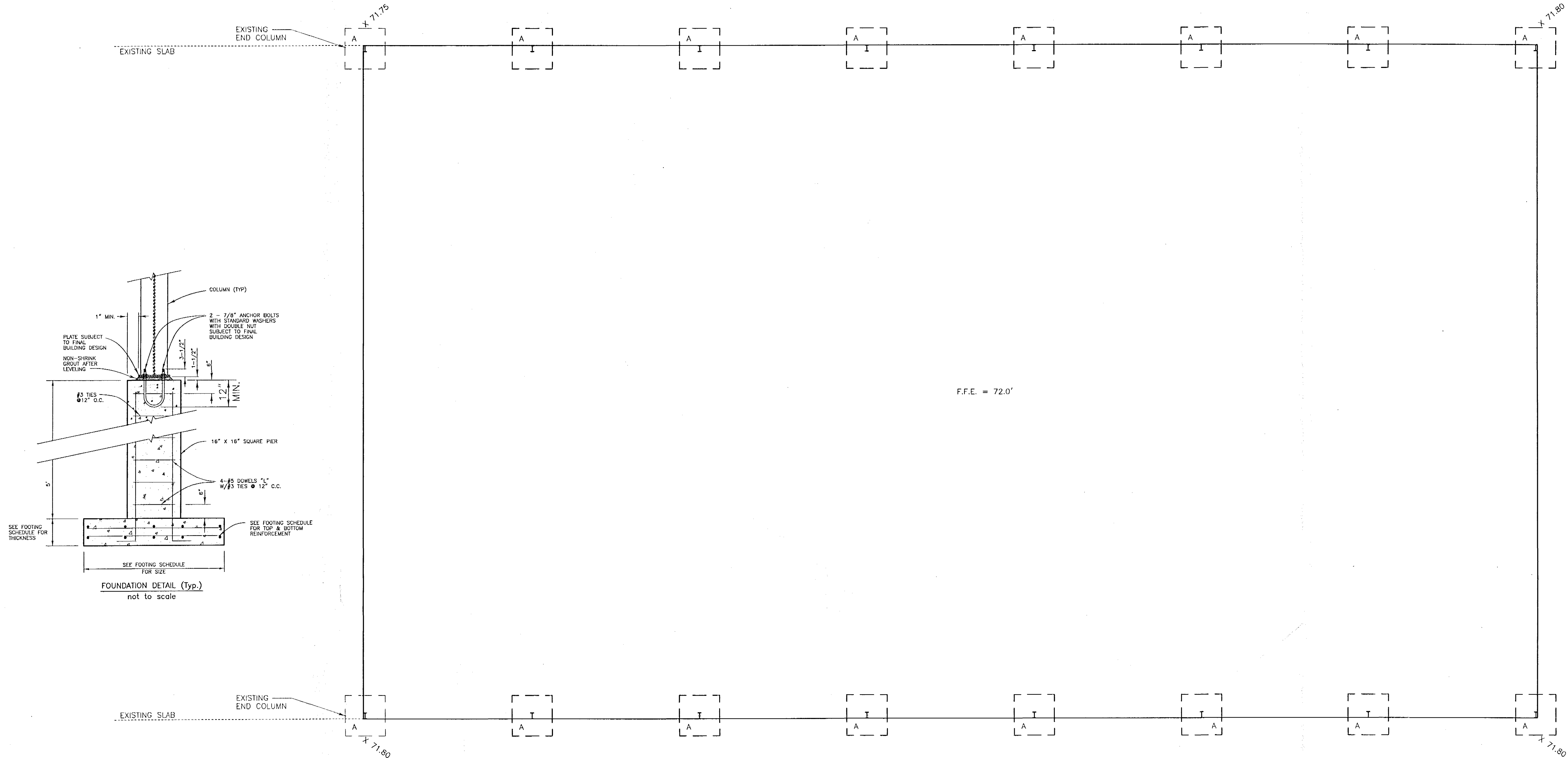
25'-0" = BAY WIDTH

NORTH
FLOOR PLAN
SCALE: 1/8" = 1'-0"



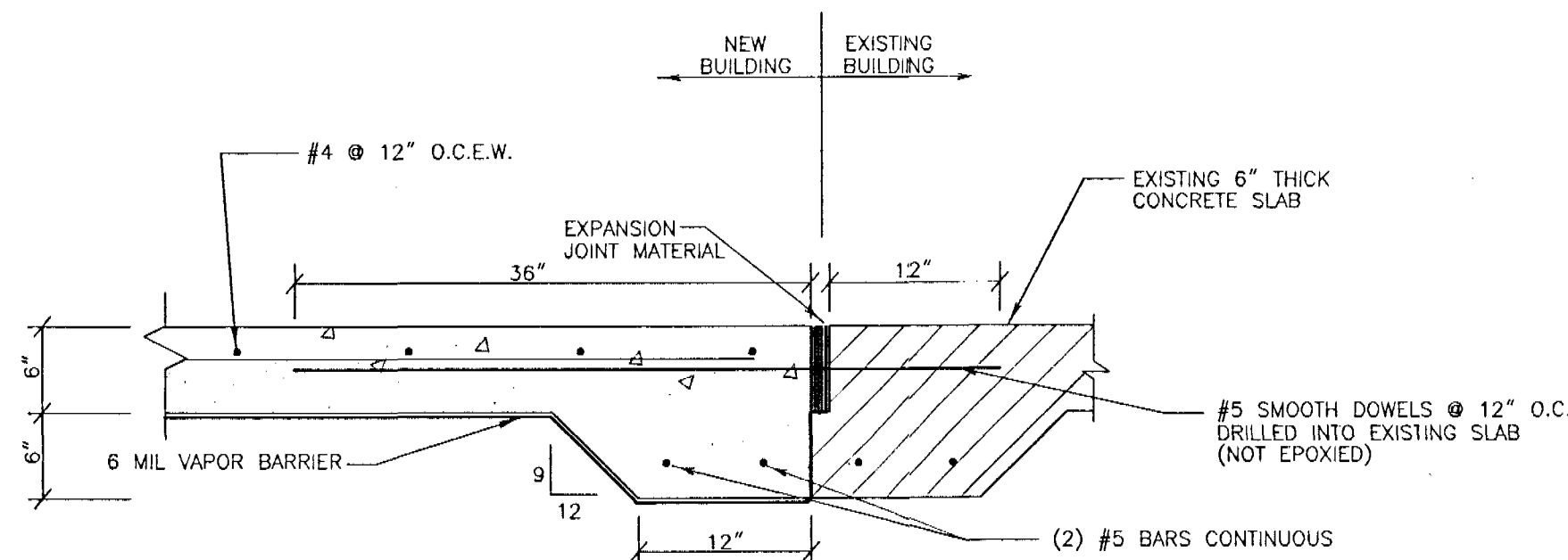
CLIENT: SUMTER COUNTY BOARD OF COUNTY COMMISSIONERS		3 of 7	
PROJECT: COMPOST FINISHING BUILDING-2		FLOOR PLAN	
DRAWING:		3 of 7	
<div>Springstead Engineers, Inc.</div> <div></div> <div>Consulting Engineers Architects Planners Surveyors</div> <div>727 South 14th Street Leesburg, FL 34748 (352) 787-1414</div>			
SCALE: 1/8" = 1'	FILE: FL	DATE: 1/08/99	
DESIGN: RMC-3	DRAWN: JG	CHECKED: CBB	
DRAWING: COMPOST FINISHING BUILDING FLOOR PLAN			
CLIENT: SCBCC			
JOB NO.: 921100.010	SHEET: OF: 7		3

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FOUNDATION NOTES:

1. ALL CONCRETE TO BE 3000 P.S.I. AT 28 DAY STRENGTH.
2. BILLET STEEL BARS FOR REINFORCING SHALL CONFORM TO THE REQUIREMENTS OF ASTM A-615, GRADE 60.
3. FOUNDATION DESIGN IS BASED ON A SOIL BEARING CAPACITY OF 3000 PSF AS INDICATED IN SOILS REPORT BY CENTRAL TESTING LABORATORIES.
4. SOIL SHALL BE TREATED FOR TERMITES BY A LICENSED EXTERMINATOR.
5. COMPACTION OF SOIL UNDER ALL CONCRETE TO BE 95% MAXIMUM DRY DENSITY BY MODIFIED PROCTOR.
6. FINAL FOUNDATION DESIGN SUBJECT TO BUILDING DESIGN BY MANUFACTURER.
7. STEEL REINFORCING TO HAVE 3" COVER FOR FACES OF FOUNDATION PERMANENTLY EXPOSED TO EARTH AND 2" FOR CONCRETE EXPOSED TO WEATHER, 1-1 1/2" ELSEWHERE.
8. 6 MIL VAPOR BARRIER REQUIRED BENEATH FOUNDATIONS AND SLAB.
9. FLOOR SLAB THICKNESS WILL BE 6" WITH #4 REBAR @ 12" O.C., BOTH WAYS.
10. FILL MATERIAL, IF NECESSARY, WILL BE AVAILABLE ON SITE.



SLAB EDGE DETAIL
SCALE: NOT TO SCALE

FOOTING SCHEDULE		
MARK	SIZE (L X W X T)	REBAR REQUIREMENTS
A	6'-0" X 6'-0" X 48"	7 #5 EACH WAY TOP & BOTTOM @ 11" O.C.



FOUNDATION PLAN

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

CLIENT: SUMTER COUNTY BOARD OF COUNTY COMMISSIONERS		PROJECT: COMPOST FINISHING BUILDING-2		DRAWING: FOUNDATION PLAN	
DATE: 02-09-99		REV. BY: RMC-3		DESCRIPTION: CHANGES PER D.E.P. RA	
DRAWN: [Signature]		DATE: 02-09-99		REV. BY: RMC-3	

4 of 7

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SCALE: 1/8" = 1'-0"
FILE: FNDFIN1
DATE: 1/08/99
DESIGN: [Signature]
DRAWN: [Signature]
CHECKED: [Signature]

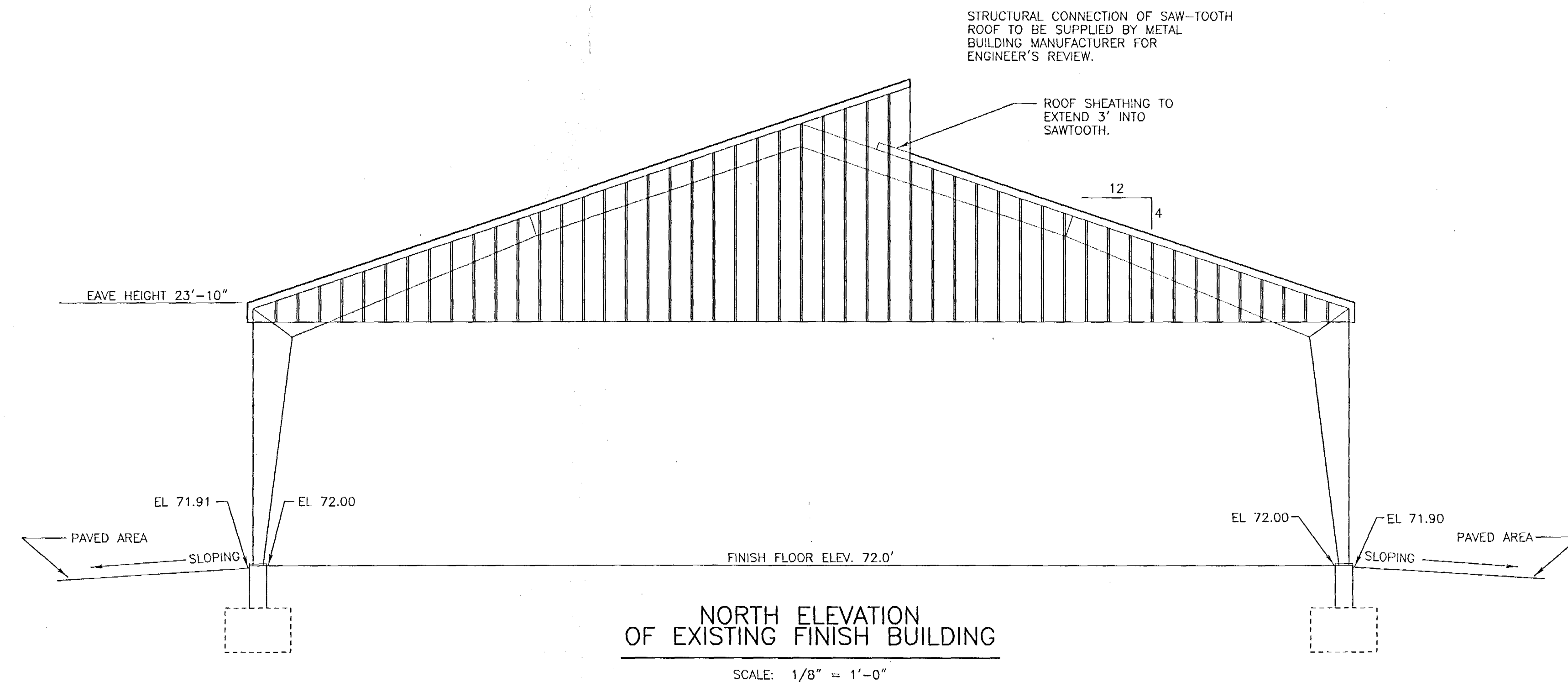
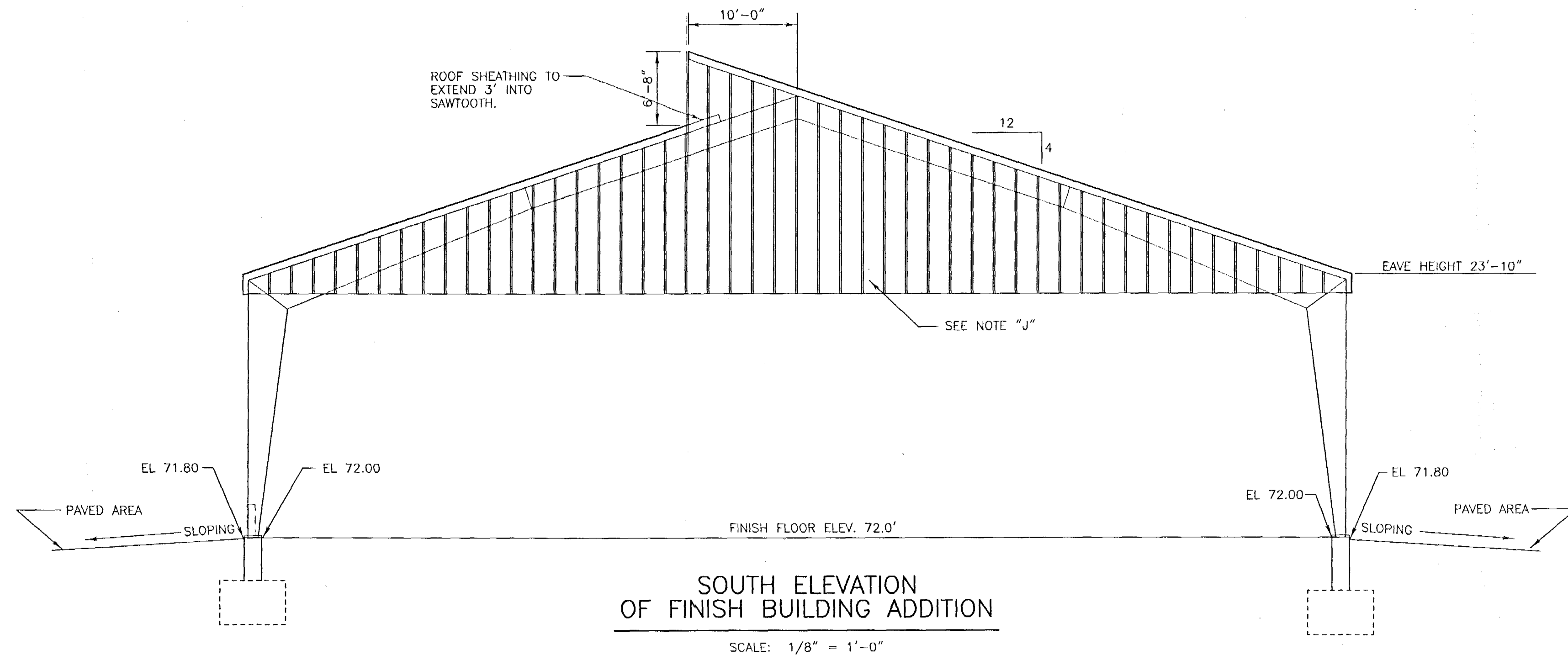
DRAWING: COMPOST FINISHING BUILDING
FOUNDATION PLAN

CLIENT: SCBCC

JOB NO.: 921100.010
SHEET: 4
OF: 7

AUG 24 1999

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PRE-ENGINEERED & PREFABRICATED METAL BUILDINGS (MB) NOTES:

A. THE METAL BUILDING SHALL BE A PRE-ENGINEERED STRUCTURE TO THE MANUFACTURER'S STANDARD CONSTRUCTION SPECIFICATIONS AND AGREEMENTS WITH THE OWNER. OVERALL DIMENSIONS SHALL CONFORM TO THOSE SHOWN ON THE DRAWINGS. DESIGN LOADS SHALL COMPLY WITH THE STANDARD BUILDING CODES AS FOLLOWS:

BUILDING DESIGN FOR WIND LOADS PER SBC 88 SEC 1205:

WITH BUILDING USE OCCUPANCY FACTOR	1.15
WITH FASTEST MILE WIND VELOCITY	100 MPH
WITH WIND VELOCITY PRESSURE @ 0-15' HEIGHT	21 PSF
20' HEIGHT	23 PSF

BUILDING DESIGN ROOF LIVE LOAD:

WITH TRIBUTARY AREA 0 TO 200 FT ²	20 PSF
WITH TRIBUTARY AREA 201 TO 600 FT ²	16 PSF
WITH TRIBUTARY AREA OVER 600 FT ²	12 PSF

B. THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR THE METAL BUILDING SHALL CONFORM TO THE REQUIREMENTS OF EITHER THE AISC SPECIFICATIONS FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS OR THE AISC LOAD AND RESISTANCE FACTOR DESIGN SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS.

C. THE DESIGN FABRICATION AND ERECTION OF COLD-FORMED STEEL CONSTRUCTION FOR THE METAL BUILDING SHALL CONFORM TO THE AISC SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS. ALL INDIVIDUAL STRUCTURAL MEMBERS AND ASSEMBLED PANELS OF COLD-FORMED STEEL CONSTRUCTION, OF CORROSIVE RESISTANT STEEL OR OF STEEL HAVING CORROSION RESISTANT METALLIC OR OTHER APPROVED COATING, SHALL BE PROTECTED AGAINST CORROSION WITH AN ACCEPTABLE SHOP COAT OF PAINT, ENAMEL, OR OTHER APPROVED PROTECTION.

D. DETAILS OF DESIGN, WORKMANSHIP AND TECHNIQUE FOR WELDING, INSPECTION OF WELDING, AND QUALIFICATION OF WELDING OPERATORS SHALL CONFORM TO THE AWS STRUCTURAL WELDING CODE, AND THE AISC SPECIFICATION FOR THE DESIGN OF COLD FORMED STEEL STRUCTURAL MEMBERS.

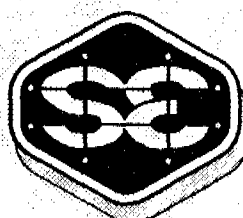
E. THE BUILDING MANUFACTURER WILL FURNISH COMPLETE CONSTRUCTION DRAWINGS FOR THE PROPER IDENTIFICATION AND ASSEMBLY OF ALL BUILDING PARTS. THESE DRAWINGS WILL SHOW ANCHOR BOLT DETAILS AND SETTINGS, TRANSVERSE CROSS-SECTIONS, SIDE-WALLS, ENDWALLS, FACIAS, SOFFITS, ROOF FRAMING, BRACING, SHEETING, FLASHING DETAILS, GUTTERS AND DOWNSPOUTS AND ACCESSORY INSTALLATION DETAILS. NO OPENINGS OR HOLES THROUGH THE METAL ROOF WILL BE ACCEPTED BY THE OWNER. THESE DRAWINGS AND ALL DESIGN WORK SHALL BE PERFORMED BY A FLORIDA PROFESSIONAL ENGINEER WHO UNDERTAKES THE WORK OF A "SPECIALTY ENGINEER" AND SHALL ALSO PERFORM THE FOLLOWING SERVICES:

1. PREPARE, SEAL, SIGN AND DATE AND SUBMIT FOUR (4) COMPLETE SETS OF BUILDING PLANS WITH THE COLUMN REACTIONS TO BE SUPPORTED BY THE FOUNDATION FLOOR SLAB AND THE ANCHOR BOLT SETTING PLAN AND SLAB EDGE DETAILS TO THE ENGINEER FOR REVIEW AND APPROVAL BEFORE FABRICATION.
2. CONTRACTOR IS TO OBTAIN PERMIT FROM APPLICABLE AGENCIES.
3. PREPARE, SEAL, SIGN AND DATE AND SUBMIT TO THE PROJECT ENGINEER SIX (6) SETS OF THE COMPLETED BUILDING PLANS TO THE BUILDING DEPARTMENT FOR REVIEW AND FILING.
4. THE REINFORCED CONCRETE BUILDING FLOOR SLAB FOUNDATION AND ALL ANCHOR BOLTS SHALL BE FURNISHED AND CONSTRUCTED BY THE GENERAL CONTRACTOR, ALL COLUMN BASE PLATES WILL BE ERECTED ON ANCHOR BOLTS WITH DOUBLE NUTS ON 1/2" GROUT.
5. THE ERECTION OF THE METAL BUILDING AND THE INSTALLATION OF ACCESSORIES SHALL BE PERFORMED IN ACCORDANCE WITH THE BUILDING MANUFACTURER'S CONSTRUCTION DRAWINGS BY A QUALIFIED ERECTOR USING PROPER TOOLS AND EQUIPMENT IN ACCORDANCE WITH THE STANDARDS OF THE AISC CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS. THERE SHALL BE NO FIELD MODIFICATIONS TO PRIMARY STRUCTURAL MEMBERS EXCEPT AS AUTHORIZED IN WRITING.
6. STRUCTURAL CONNECTION DETAIL OF SAW-TOOTH ROOF TO BE SUPPLIED BY METAL BUILDING MANUFACTURER FOR ENGINEER'S REVIEW.
7. BUILDING FRAME TO BE RIGID-NO CABLE BRACING IN OPENINGS.
8. GABLE SIDING FROM SOUTH END OF EXISTING FINISH BUILDING SHALL BE REMOVED AND PLACED ON SOUTH GABLE OF FINISH BUILDING ADDITION.

CLIENT: SUMTER COUNTY BOARD OF COUNTY COMMISSIONERS
PROJECT: COMPOST FINISHING BUILDING-2
DRAWING: ELEVATIONS

5 of 7

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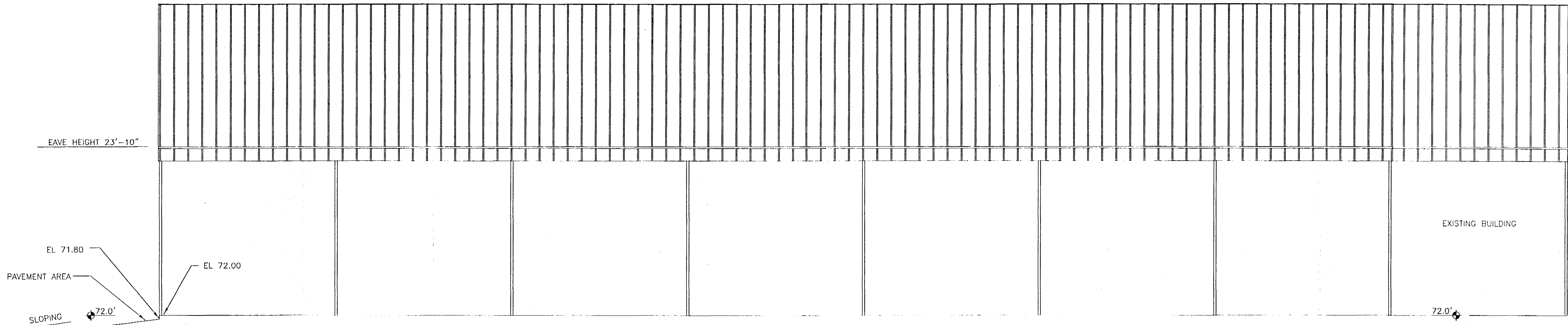


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SCALE: 1/8"=1'	FILE: ELEV	DATE: 1/08/99
DESIGN: RMC-3	DRAWN: 8	CHECKED: [Signature]
DRAWING: COMPOST FINISHING BUILDING ELEVATIONS	CLIENT: SCBCC	JOB NO.: 921100.010
		SHEET: 5 OF 7

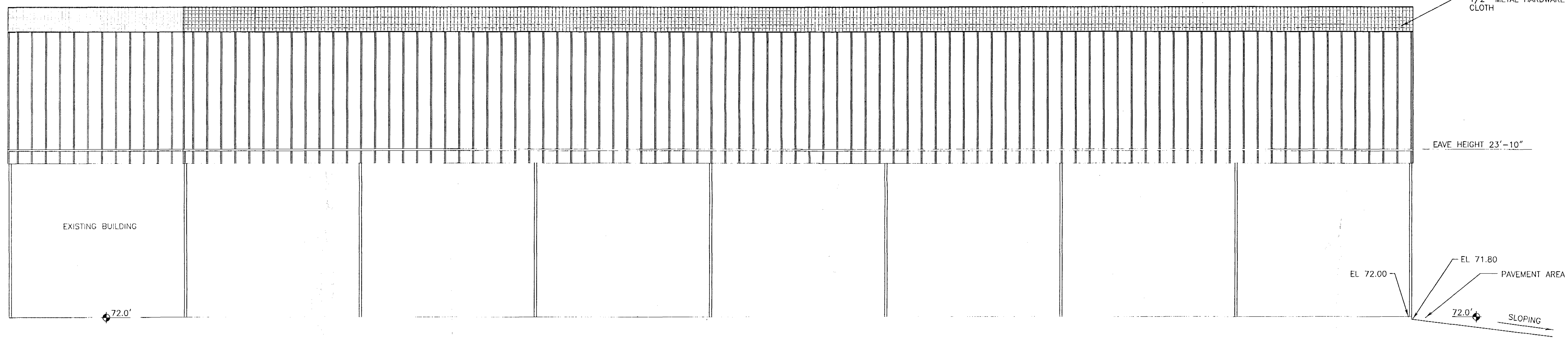
AUG 24 1999

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EAST ELEVATION

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

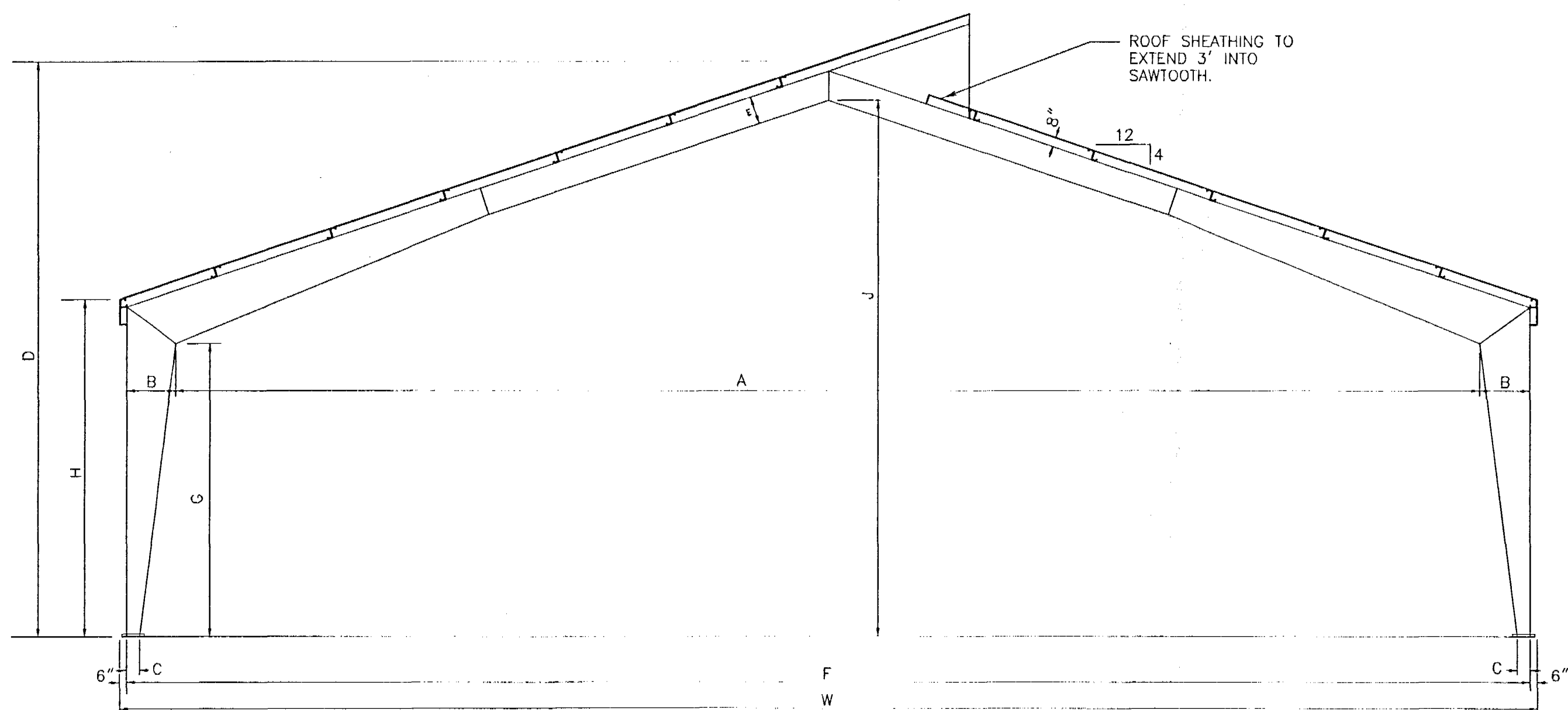


WEST ELEVATION

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

NOTE:
NO METAL BUILDING SIDING WILL BE CONSTRUCTED ON THE BUILDING

RIGID FRAME DIMENSIONS									
DIMENSIONS (all figures rounded off to nearest 1/8")									
W	H	A	B	C	D	E	F	G	J
100'-0"	23'-10"	91'-10"	3'-7"	11"	40'-6"	1'-9 3/8"	99'-0"	20'-8 5/8"	37'-10 3/4"

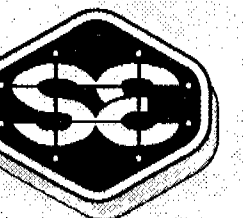


FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION
AUG 25 1999
SOUTHWEST DISTRICT
TALLAHASSEE

RECORD
DRAWINGS

CLIENT:	SUMTER COUNTY BOARD OF COUNTY COMMISSIONERS	PROJECT:	COMPOST FINISHING BUILDING-2	DRAWING:	6 of 7
DATE:	02-09-99	REV. BY:	CHANGES PER D.E.P. RAI	DESCRIPTION	
DRAWN:		CHECKED:			
SCALE:	1/8"=1'	FILE:	ELEV	DATE:	1/08/99
DESIGN:		DRAWN:		CHECKED:	
DRAWING:	COMPOST FINISHING BUILDING ELEVATIONS	CLIENT:	SCBCC	JOB NO.:	921100.010
				SHEET:	6
				OF:	7

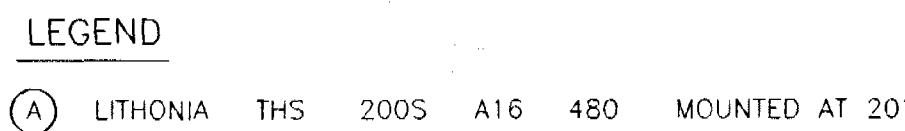
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Leesburg, FL 34748
(352) 787-1414

DAVID W. SPRINGSTEAD
REGISTERED PROFESSIONAL ENGINEER
NO. 13117
EXPIRATION DATE 12/31/00

C:\ACAD12\DWGS\SCBCC\921100.010\ELEC Fri Jan 29 10:12:30 1999 *** MCH ***



FLOOR PLAN

SCALE: $1/8" = 1'-0"$

FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION
AUG 25 1999
SOUTHWEST DISTRICT
TAMPA

727 South 14th Street
Leesburg, Fl. 34748
(352) 787-1414

AWING:
COMPOST FINISHING BUILDING
ELECTRICAL PLAN

116 24 1991