

952903
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SUMTER COUNTY COMPOSTING, PROCESSING AND RECYCLING FACILITY

COMPOST FINISHING BUILDING-2

SUMTER COUNTY BOARD
OF COUNTY COMMISSIONERS
Board of County Commissioners
Sumter County, Florida

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CHAIRPERSON
District 4

BILLY "TINY" RUTTER
District 3

ROBIN COX
District 5

BENNY STRICKLAND
VICE CHAIRPERSON
District 1

JOEY CHANDLER
District 2

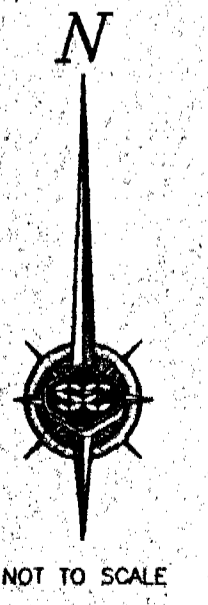
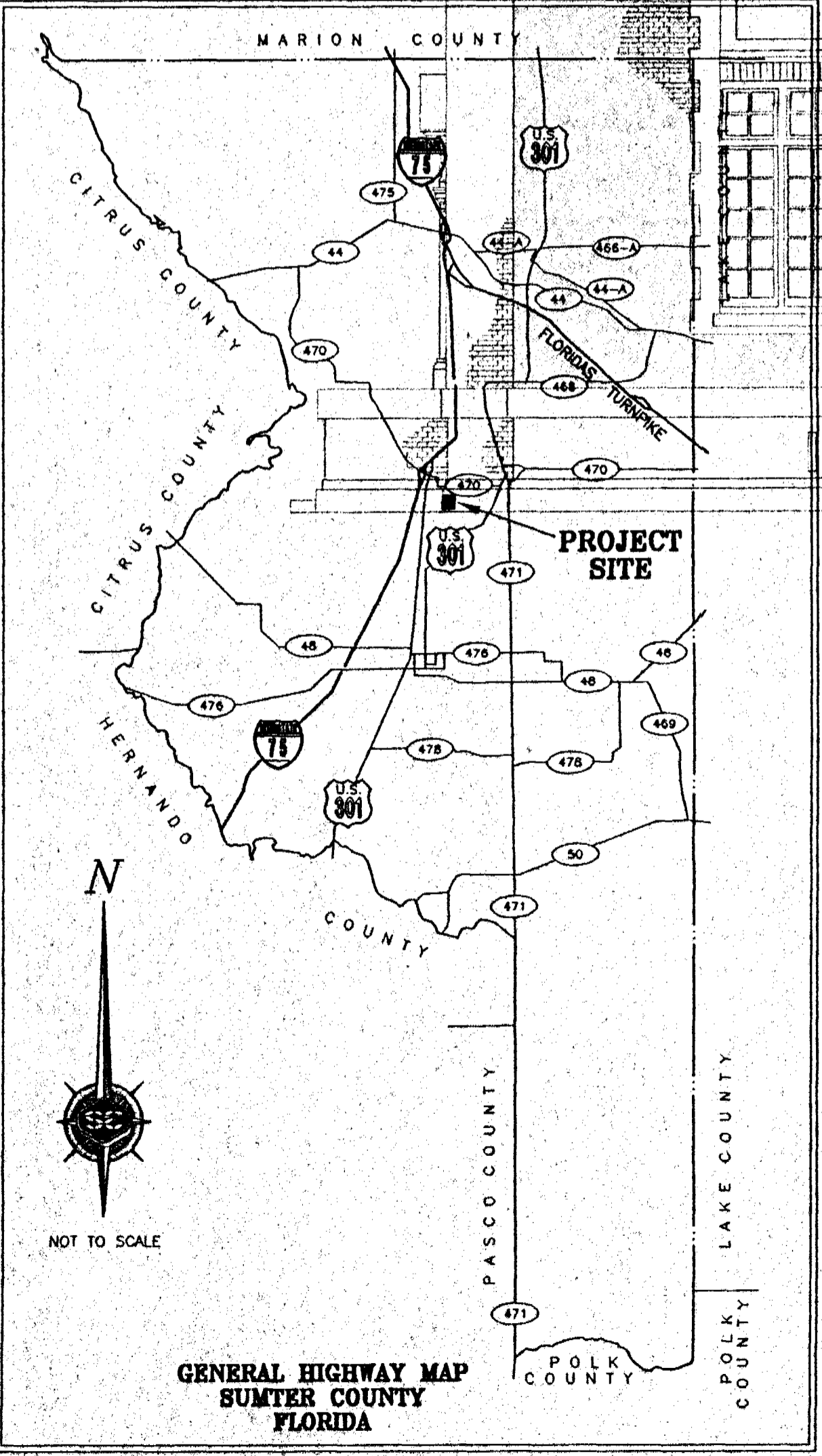
BERNARD DEW
COUNTY ADMINISTRATOR

GARRY BREEDEN
DIRECTOR OF PUBLIC WORKS

TOMMY HURST
ASST. DIRECTOR OF PUBLIC WORKS

TERRY HURST
FACILITY DIRECTOR

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NOT TO SCALE


GENERAL HIGHWAY MAP
SUMTER COUNTY
FLORIDA

NO.	DESCRIPTION	REV. BY:	DATE:	DRAWN:

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

ENGINEERING
FEB 03 1999
Springstead Engineering, Inc.
Professional Engineers
By: [Signature]

Springstead Engineering, Inc.



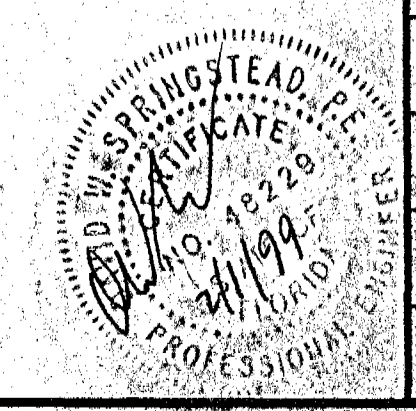
Consulting Engineers
Planners
Surveyors

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

SCALE:	FILE:	DATE:
NONE	COVER	1/08/99
DESIGN:	DRAWN:	CHECKED:
RMC-3	Jmw	[Signature]

DRAWING: COVER SHEET

CLIENT:	SCBCC
JOB NO.:	92-1100.010
SHEET:	1 of 7
DATE:	OP: 7



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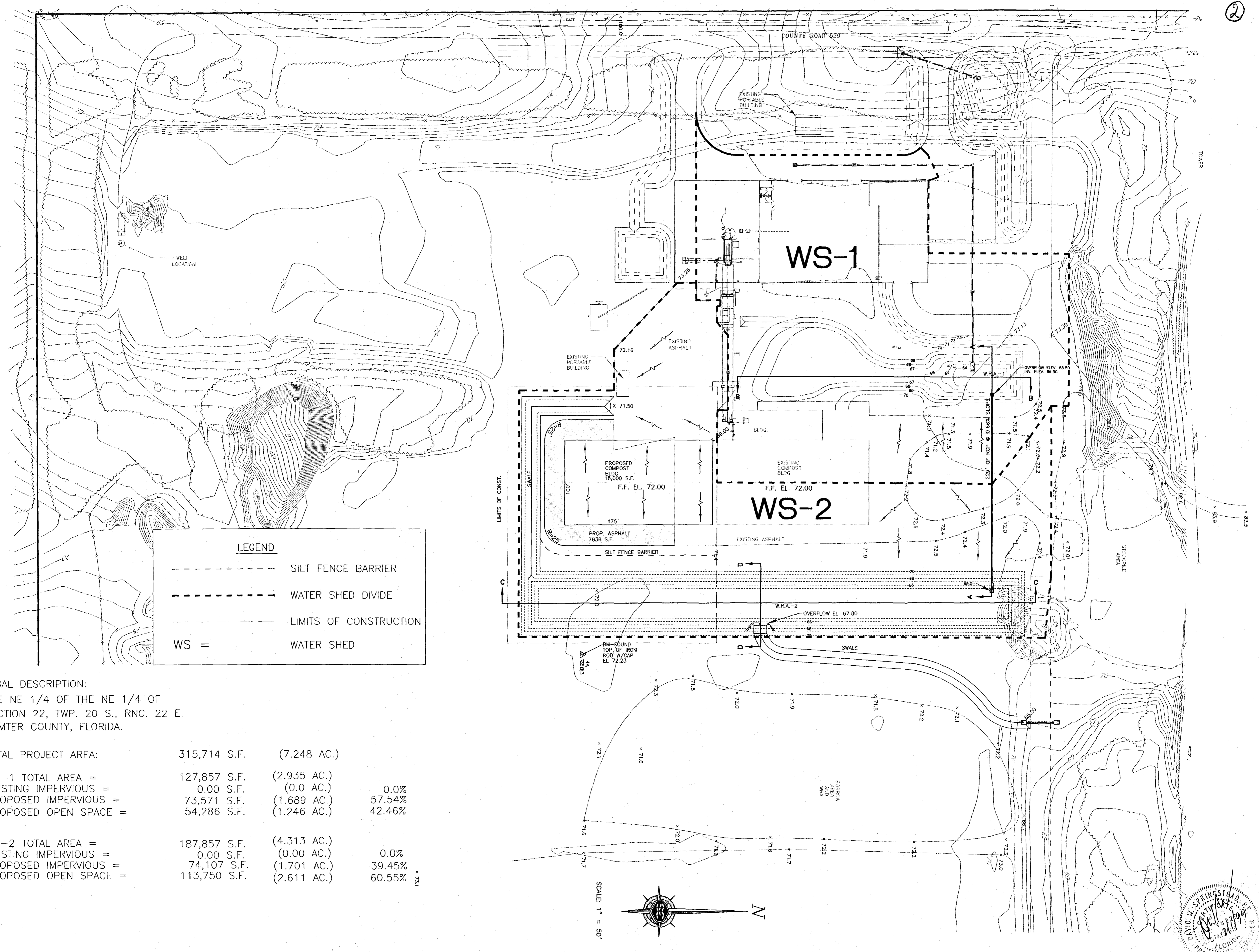
C:\MC\012\UMG\5\0307\92\100.010\COVER Mon Jan 25 15:36:57 1999 *** DWH ***

FILE

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LEGEND	
---	SILT FENCE BARRIER
---	WATER SHED DIVIDE
---	LIMITS OF CONSTRUCTION
WS =	WATER SHED

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.	(0.0 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%

CLIENT:	SUMTER COUNTY BOARD OF COUNTY COMMISSIONERS
PROJECT:	COMPOST FINISHING BUILDING-2
DRAWING:	SITE PLAN
	2 of 7
DATE:	
DESCRIPTION:	
REV. BY:	
DRAWN:	

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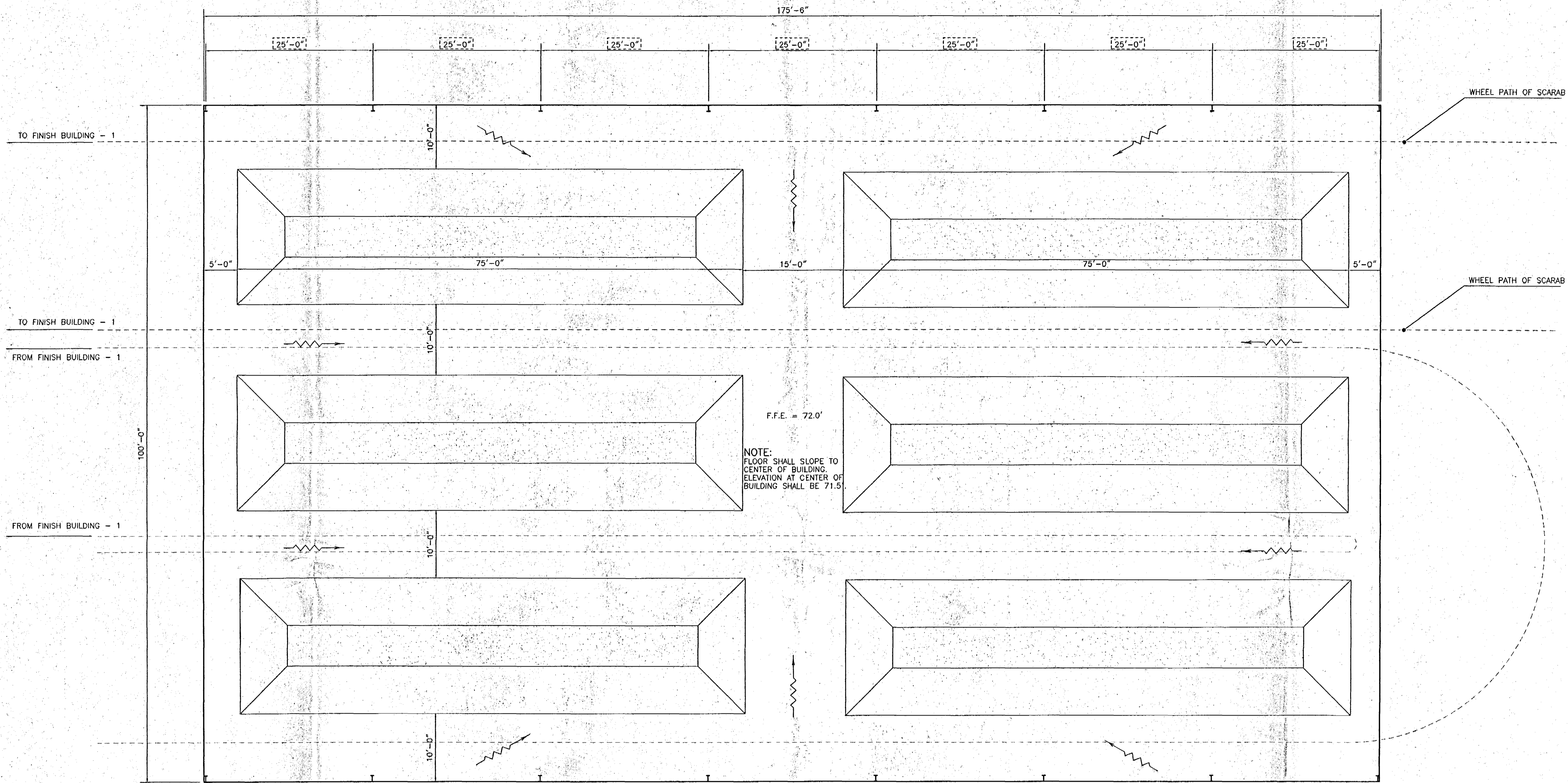
SCALE:	FILE:	DATE:
1" = 50'	COMSITE	12/98
DESIGN:	DRAWN:	CHECKED:
RMC-3	dmw	RLD

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

JOB NO.:	SHEET:
921100.010	2
	OF: 7

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F.F.E. = 72.0'
 NOTE:
 FLOOR SHALL SLOPE TO
 CENTER OF BUILDING.
 ELEVATION AT CENTER OF
 BUILDING SHALL BE 71.5'

25'-0" = BAY WIDTH

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

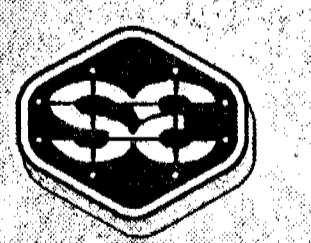
COMPOST FINISH BUILDING ADDITION DESIGN CAPACITY:
 TOTAL VOLUME OF COMPOST IN EACH ROW = 229.2 CY
 TOTAL VOLUME OF COMPOST IN BUILDING ADDITION - 229.2 CY X 6 ROWS = 1,375 CY
 TOTAL VOLUME OF COMPOST IN TOTAL BUILDING = 2,520 CY

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

REV.	BY	DATE	DESCRIPTION

CLIENT: **SUMTER COUNTY BOARD OF COUNTY COMMISSIONERS**
 PROJECT: **COMPOST FINISHING BUILDING-2**
 DRAWING: **FLOOR PLAN**
 3 of 7

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SCALE: 1/8" = 1'	FILE: FL	DATE: 1/08/99
DESIGN: RMC-3	DRAWN: [Signature]	CHECKED: [Signature]

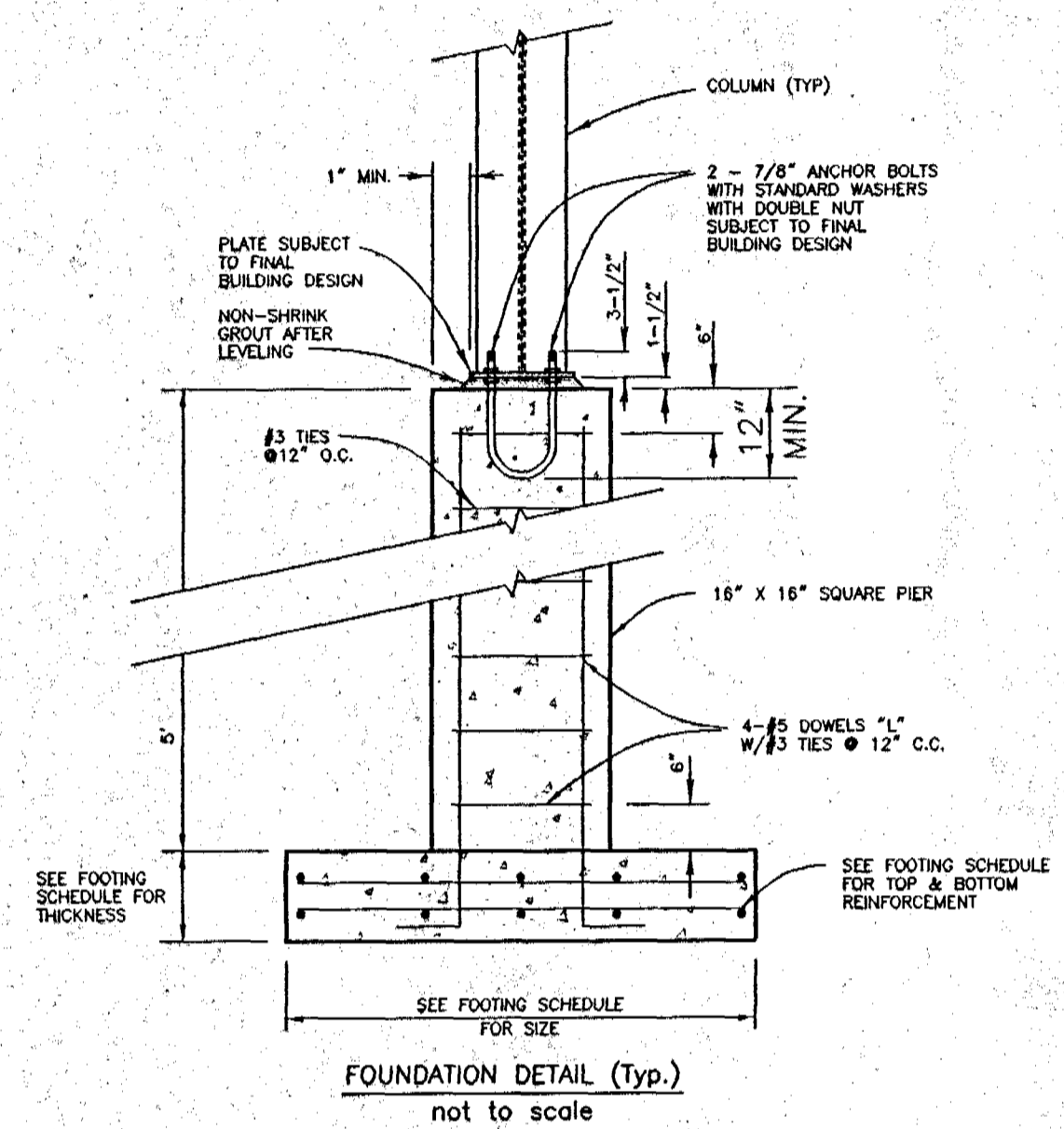
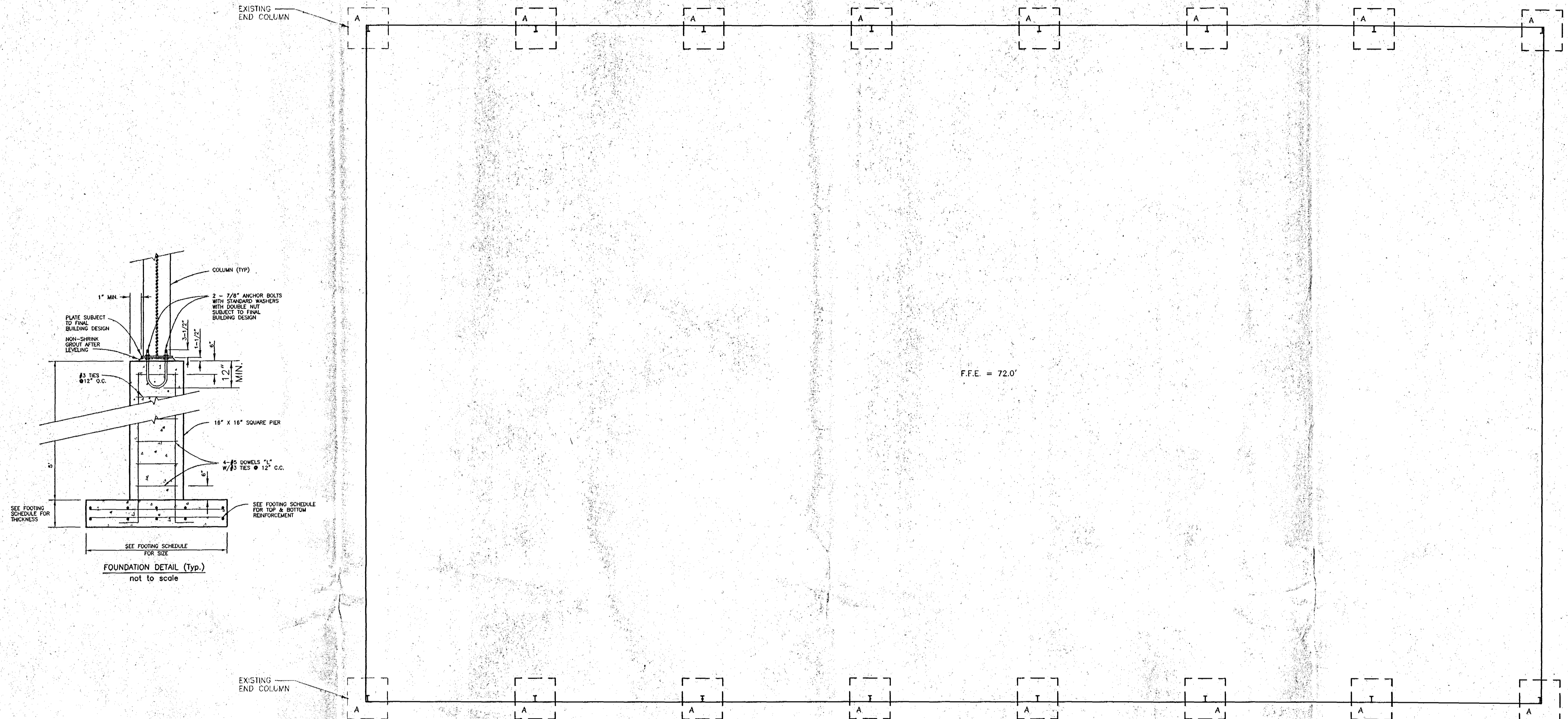
DRAWING: **COMPOST FINISHING BUILDING FLOOR PLAN**

CLIENT: **SCBCC**
 JOB NO.: **921100.010** SHEET: **3**
 OF: **7**



C:\A0012\DWG\SCBCC\921100_010\PL F1 Jun 25 10:07:42 1999 *** NCH ***

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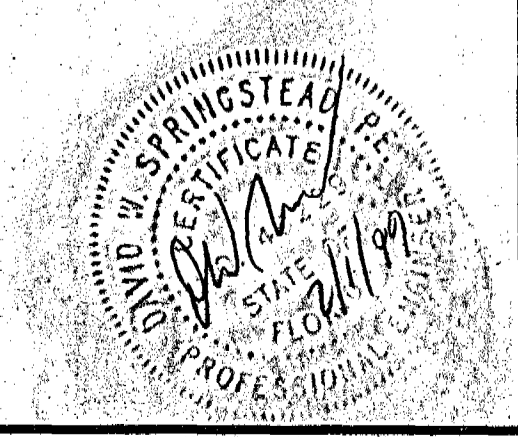


- FOUNDATION NOTES:**
1. ALL CONCRETE TO BE 3000 P.S.I. AT 28 DAY STRENGTH.
 2. BILLET STEEL BARS FOR REINFORCING SHALL CONFORM TO THE REQUIREMENTS OF ASTM A-615, GRADE 60.
 3. FOUNDATION DESIGN IS BASED ON A SOIL BEARING CAPACITY OF 3000 PSF AS INDICATED IN SOILS REPORT BY CENTRAL TESTING LABORATORIES.
 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- 1/2" 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.

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.	



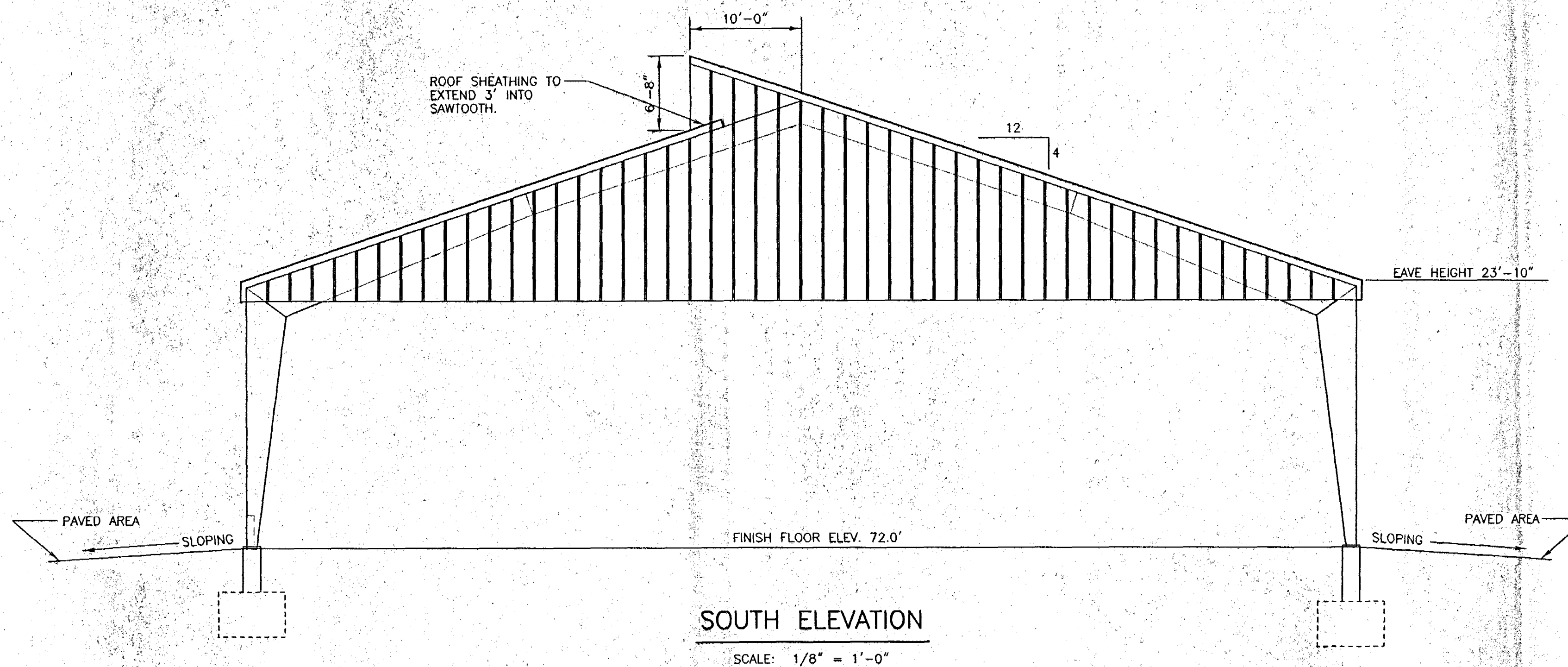
FOUNDATION PLAN
SCALE: 1/8" = 1'-0"



CLIENT:	SUMTER COUNTY BOARD OF COUNTY COMMISSIONERS						
PROJECT:	COMPOST FINISHING BUILDING-2						
DRAWING:	FOUNDATION PLAN					4 of 7	
Springstead Engineering, Inc.							
Consulting Engineers Architects Planners Surveyors							
727 South 14th Street Leesburg, FL 34748 (352) 787-1414							
SCALE:	FILE:	DATE:					
1/8" = 1'	FNDFIN1	1/08/99					
DESIGN:	DRAWN:	CHECKED:					
DWC	J	D					
DRAWING: COMPOST FINISHING BUILDING FOUNDATION PLAN							
CLIENT: SCBCC							
JOB NO.: 921100.010				SHEET: 4			
				OF: 7			
							DATE:
							REVISION:
							DESCRIPTION:
							DRAWN:

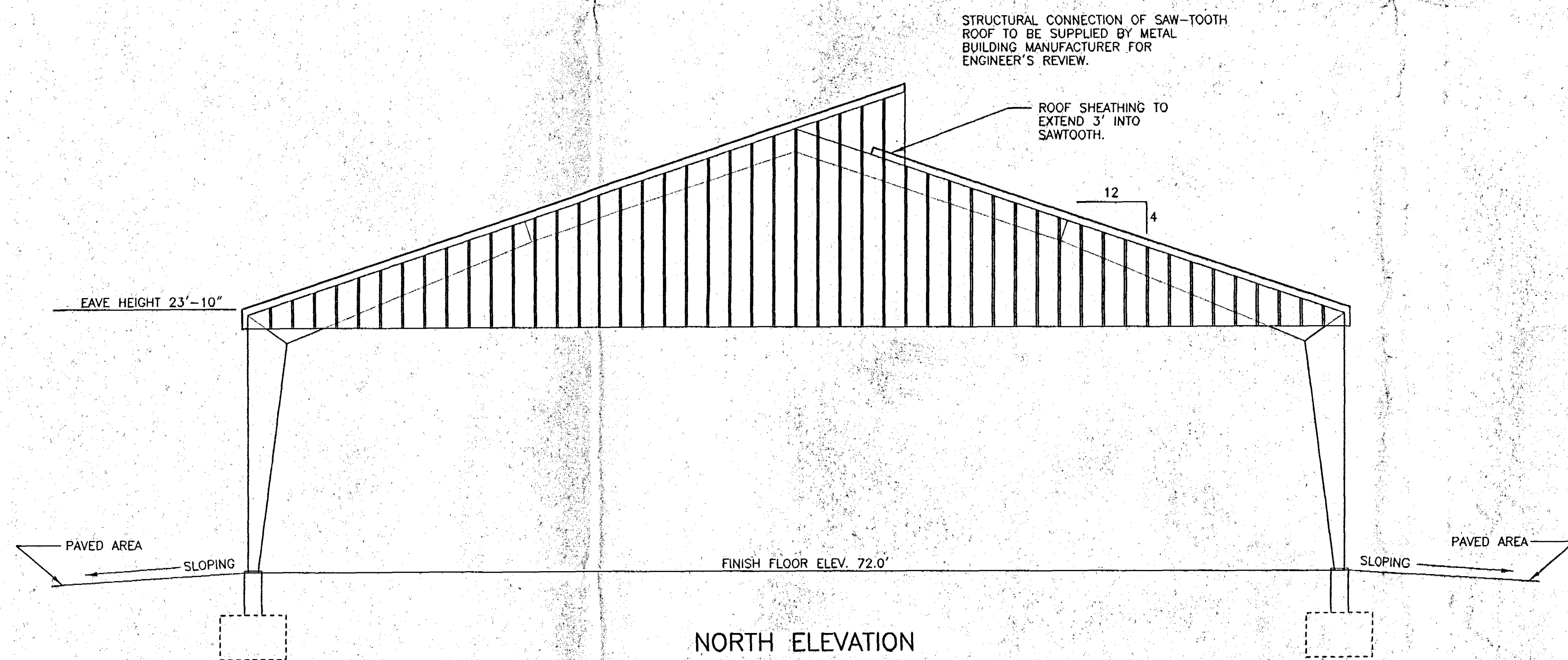
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SOUTH ELEVATION

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



NORTH ELEVATION

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

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:

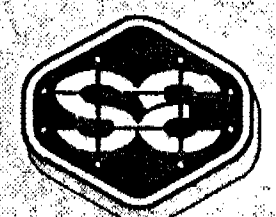
BUILDING DESIGN FOR WIND LOADS PER SBC ₈₈ SEC 1205:	
WITH BUILDING USE OCCUPANCY FACTOR	1.15
WITH FASTEST MILE WIND VELOCITY	100 MPH
WITH WIND VELOCITY PRESSURE @ 0-15' HEIGHT	21 PSF
20' HEIGHT	23 PSF

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, CUTTERS 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.
- F. 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 1/2" GROUT.
- G. 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.
- H. STRUCTURAL CONNECTION OF SAW-TOOTH ROOF TO BE SUPPLIED BY METAL BUILDING MANUFACTURER FOR ENGINEER'S REVIEW.
- I. BUILDING FRAME TO BE RIGID-NO CABLE BRACING IN OPENINGS.

REV. BY:	DESCRIPTION	DATE:	DRAWN:

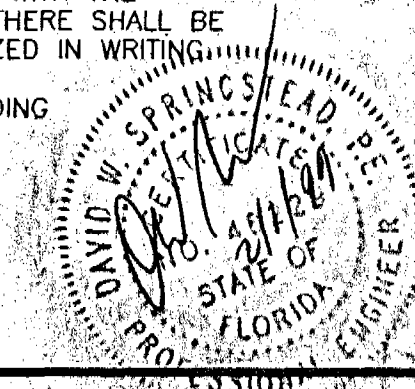
CLIENT: SUMTER COUNTY BOARD OF COUNTY COMMISSIONERS	PROJECT: COMPOST FINISHING BUILDING-2	DRAWING: ELEVATIONS	5 of 7

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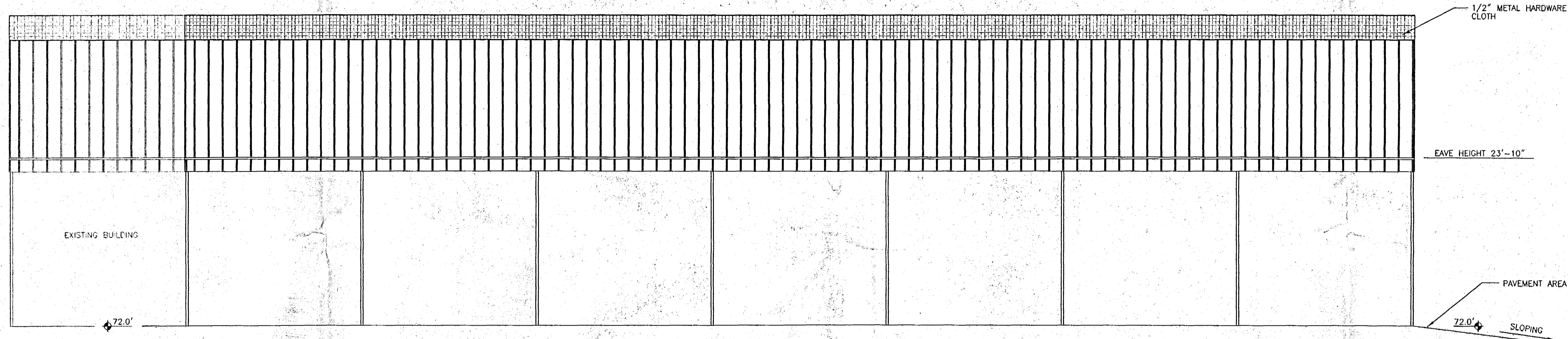
SCALE: 1/8"=1'	FILE: RMC-3	DATE: 1/08/99
DESIGN: RMC-3	DRAWN: J	CHECKED: CAL
DRAWING: COMPOST FINISHING BUILDING ELEVATIONS		
CLIENT: SCBCC		
JOB NO.: 921100.010	SHEET: 6	OF: 7



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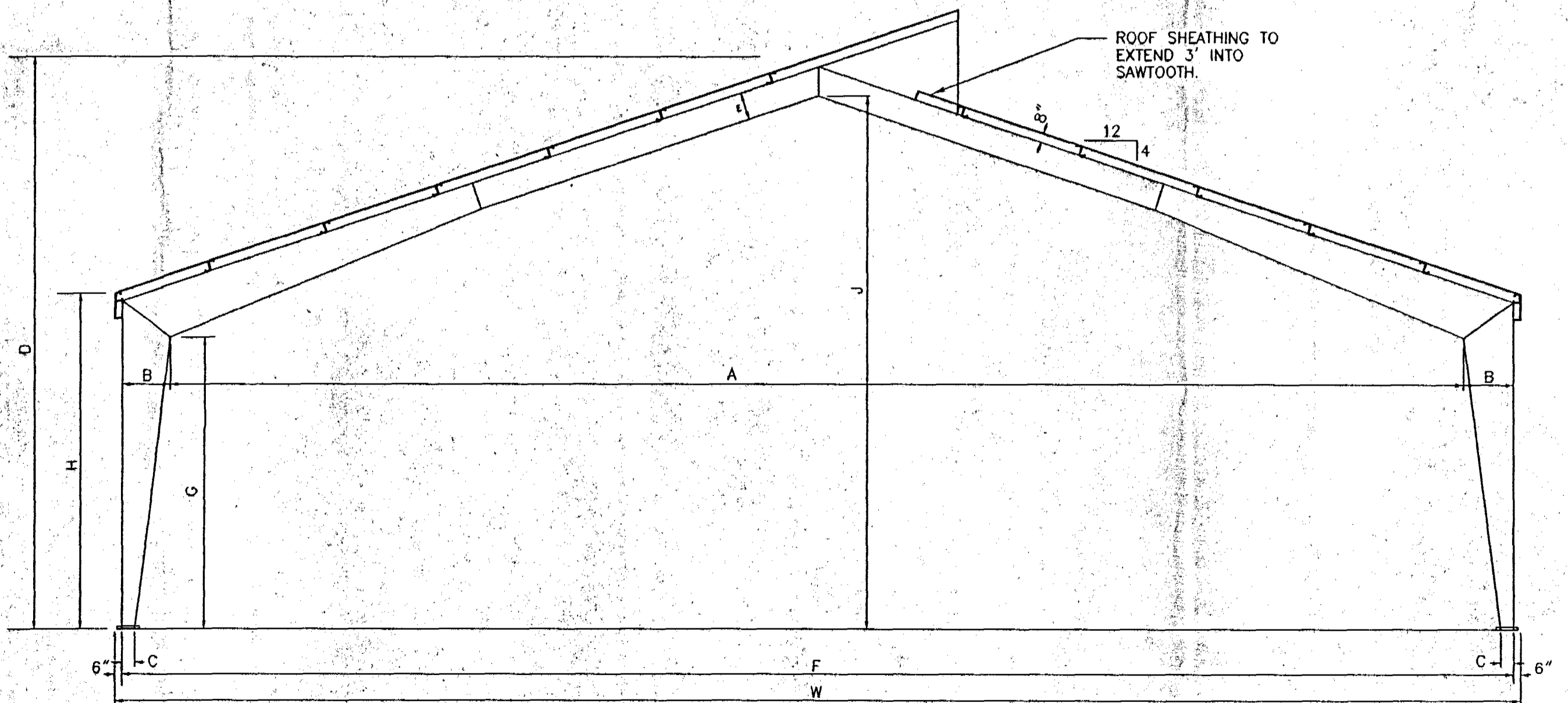
EAST ELEVATION
SCALE: 1/8" = 1'-0"



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

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

RIGID FRAME DIMENSIONS									
WIDTH		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"

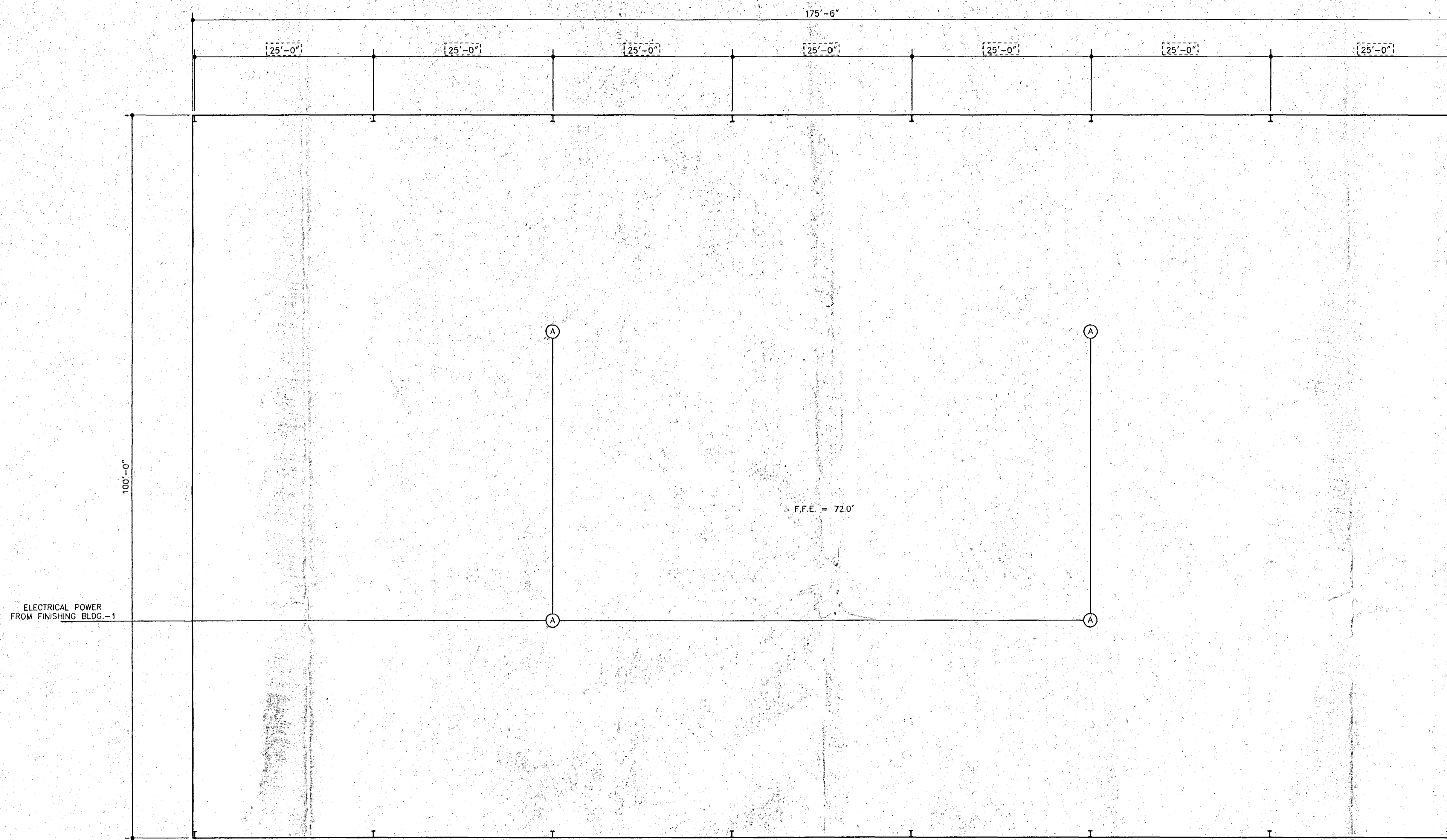


6				
CLIENT: SUMTER COUNTY BOARD OF COUNTY COMMISSIONERS	PROJECT: COMPOST FINISHING BUILDING-2	DRAWING: ELEVATIONS	6 of 7	DRAWN: _____
Springstead Engineering, Inc.		 Consulting Engineers Architects Planners Surveyors 727 South 14th Street Leesburg, FL 34748 (352) 787-1414		
SCALE: 1/8" = 1'	FILE: ELEV	DATE: 1/08/99		
DESIGN: RMC-3	DRAWN: [Signature]	CHECKED: [Signature]		
DRAWING: COMPOST FINISHING BUILDING ELEVATIONS				
CLIENT: SCBCC				
JOB NO.: 921100.010	SHEET: 6	OF: 7		

C:\ACAD\2\UNITS\SDCC\021100.010\ELEV.Fri Jan 29 10:10:16 1999 *** NCH ***

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LEGEND						
(A)	LITHONIA	THS	2005	A16	480	MOUNTED AT 20'



FLOOR PLAN

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

7

CLIENT: SUMTER COUNTY BOARD OF COUNTY COMMISSIONERS		REV. BY:	DATE:
PROJECT: COMPOST FINISHING BUILDING-2		DESCRIPTION:	
DRAWING: ELECTRICAL PLAN		REV. BY:	DATE:
		7 of 7	
Consulting Engineers Architects Planners Surveyors 727 South 14th Street Leesburg, Fl. 34748 (352) 787-1414			
SCALE: 1/8" = 1'	FILE: ELEC	DATE: 1/08/99	
DESIGN: RMC-3	DRAWN: 8	CHECKED: [Signature]	
DRAWING: COMPOST FINISHING BUILDING ELECTRICAL PLAN			
CLIENT: SCBCC			
JOB NO.: 921100.010	SHEET: 7	OF: 7	

