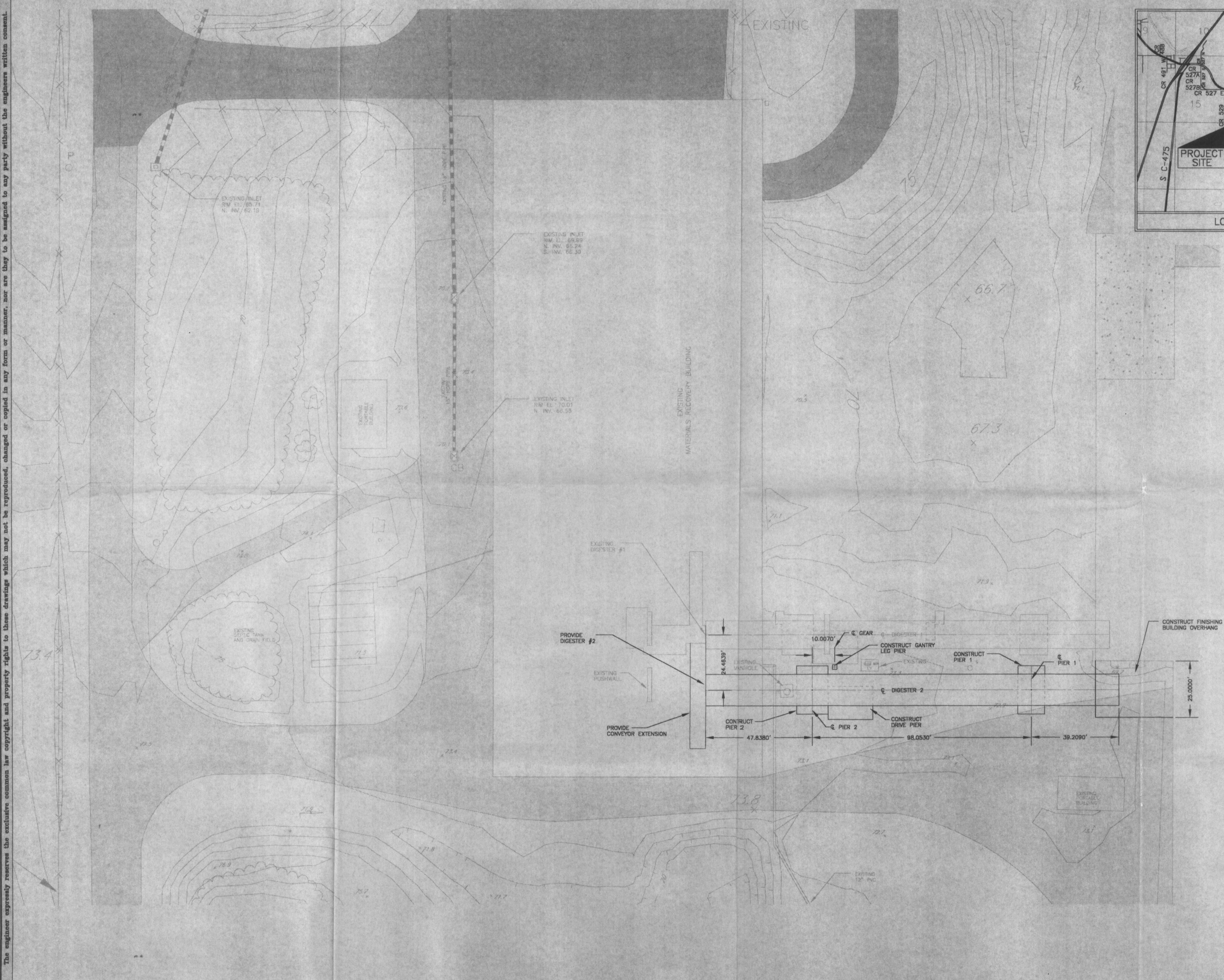
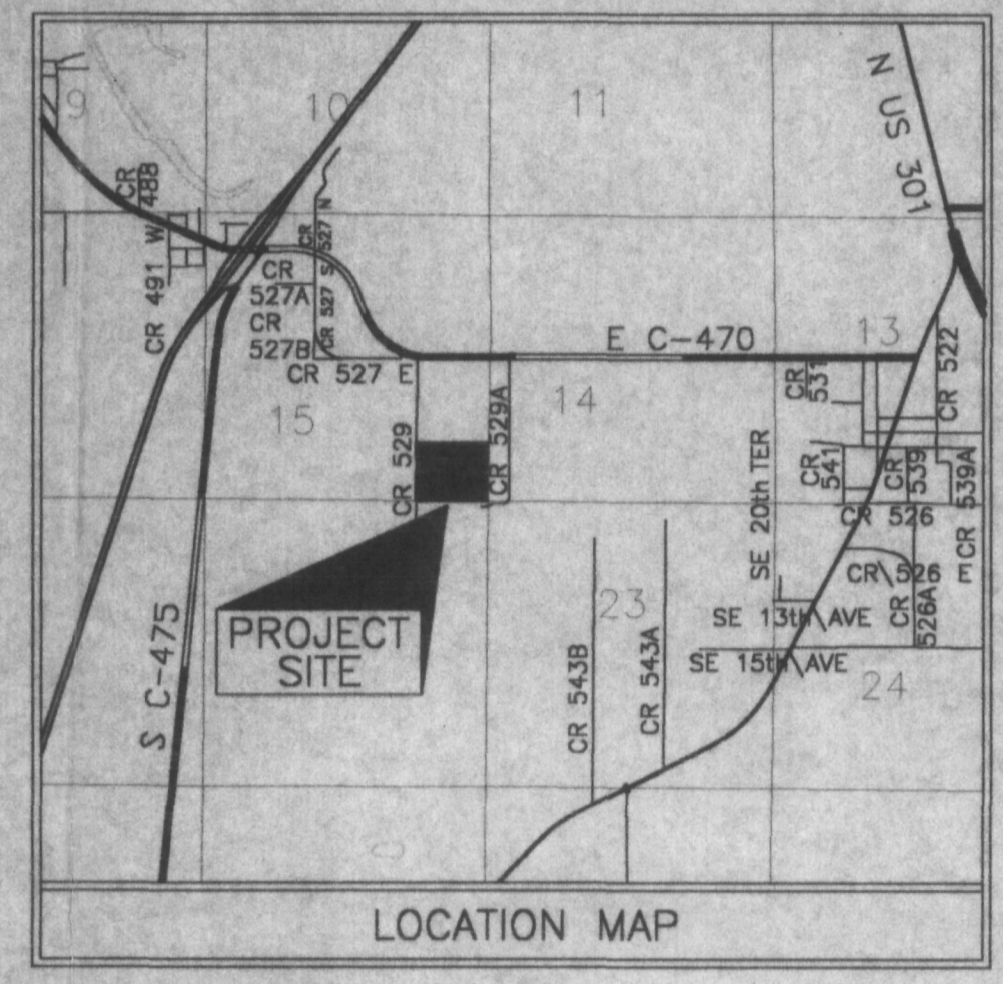


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943366 (1)



- LEGEND:
- EV = ELECTRICAL UTILITY
 - P = POWER POLE
 - ASPHALT ROAD
 - MILLED ASPHALT ROAD
 - DIRT ROAD

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
 SEP 24 2001
 SOUTHWEST DISTRICT TAMPA



REV. BY:	DESCRIPTION	DATE:	DRAWN:

CLIENT: SUMTER COUNTY BOARD OF COUNTY COMMISSIONERS
 PROJECT: F.O.R.C.E. SOLID WASTE DIGESTER II
 DRAWING: SITE PLAN
 1 of 2

Springstead Engineering, Inc.



Consulting Engineers
 Architects, Planners
 Surveyors
 BB-0001723
 LB-0001723 AA-0002820
 727 South 14th Street
 Lecusburg, FL 34748
 (352) 787-1414

SCALE:	FILE:	DATE:
1"=20'	EXSITE	09/01

DESIGN:	DRAWN:	CHECKED:
<i>JRB</i>	<i>JRB</i>	<i>JRB</i>

CLIENT:	SHEET:
SCBCC	1

JOB NO.: 921100.015
 SHEET: 1 OF 2
 SEP 20 2001

FILE

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The engineer expressly reserves the exclusive common law copyright and property rights to these drawings which may not be reproduced, changed or copied in any form or manner, nor are they to be assigned to any party without the engineer's written consent.

GENERAL NOTES:

1. ALL DETAILS, SECTIONS, AND NOTES SHOWN ON DRAWINGS ARE INTENDED TO BE TYPICAL AND SHALL APPLY TO SIMILAR SITUATIONS ELSEWHERE UNLESS NOTED OR SHOWN OTHERWISE.
2. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT SITE BEFORE START OF WORK.
3. THE DETAILS ON THESE DRAWINGS SHALL BE USED WHEREVER APPLICABLE UNLESS NOTED OR SHOWN OTHERWISE ON THE DRAWINGS. NOTES AND DETAILS ON DRAWINGS SHALL TAKE PRECEDENCE OVER GENERAL NOTES AND TYPICAL DETAILS.
4. ALL WORKMANSHIP AND MATERIALS SHALL CONFORM TO THE REQUIREMENTS OF THE GOVERNING BUILDING CODE.
5. ALL ASTM DESIGNATIONS SHALL BE AS AMENDED TO DATE UNLESS NOTED OTHERWISE.
6. ALL OMISSIONS OR CONFLICTS BETWEEN THE VARIOUS ELEMENTS OF THE WORKING DRAWINGS AND/OR SPECIFICATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH ANY WORK INVOLVED.
7. ALL CONCRETE IS DESIGNED BY ULTIMATE STRENGTH METHOD.
8. ALL DESIGN AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE SOUTHERN BUILDING CODE CONGRESS, SBCCI STANDARD BUILDING CODE.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR SAFETY AND PROTECTION IN AND AROUND JOB SITE AND/OR ADJACENT PROPERTIES.
10. OBSERVATION VISITS TO THE SITE BY A SPRINGSTEAD ENGINEERING FIELD REPRESENTATIVE SHALL NEITHER BE CONSTRUED AS INSPECTION NOR APPROVAL OF CONSTRUCTION UNLESS STATED OTHERWISE.
11. DURING AND AFTER CONSTRUCTION, BUILDER AND/OR OWNER SHALL KEEP LOADS ON STRUCTURE WITHIN THE LIMITS OF DESIGN LOADS.
12. U.N.O.S. MEANS UNLESS NOTED OR SHOWN OTHERWISE.
13. THE CONTRACTOR SHALL PROVIDE ADEQUATE SHORING, BRACING AND GUYS IN ACCORDANCE WITH ALL NATIONAL, STATE, AND LOCAL SAFETY ORDINANCES. ANY DEVIATION MUST BE APPROVED PRIOR TO CONSTRUCTION.
14. ALL ERECTION PROCEDURES SHALL CONFORM TO OSHA STANDARDS. ANY DEVIATION MUST BE APPROVED BY OSHA PRIOR TO ERECTION.
15. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL EXCAVATION PROCEDURES INCLUDING LAGGING, SHORING AND PROTECTION OF ADJACENT PROPERTY, STRUCTURES, STREETS AND UTILITIES IN ACCORDANCE WITH ALL NATIONAL, STATE AND LOCAL SAFETY ORDINANCES.
16. ALL INFORMATION SHOWN ON THE DRAWINGS RELATIVE TO EXISTING CONDITIONS IS GIVEN AS THE BEST PRESENT KNOWLEDGE, BUT WITHOUT GUARANTEE OF ACCURACY. WHERE ACTUAL CONDITIONS CONFLICT WITH THE DRAWINGS, THEY SHALL BE REPORTED TO THE ENGINEER AS SOON AS POSSIBLE SO THAT THE PROPER REVISIONS MAY BE MADE. MODIFICATION OF DETAILS OF CONSTRUCTION SHALL NOT BE MADE WITHOUT WRITTEN APPROVAL OF THE ENGINEER.
17. ALL SUBSTITUTION OF MATERIALS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.

FOUNDATION NOTES:

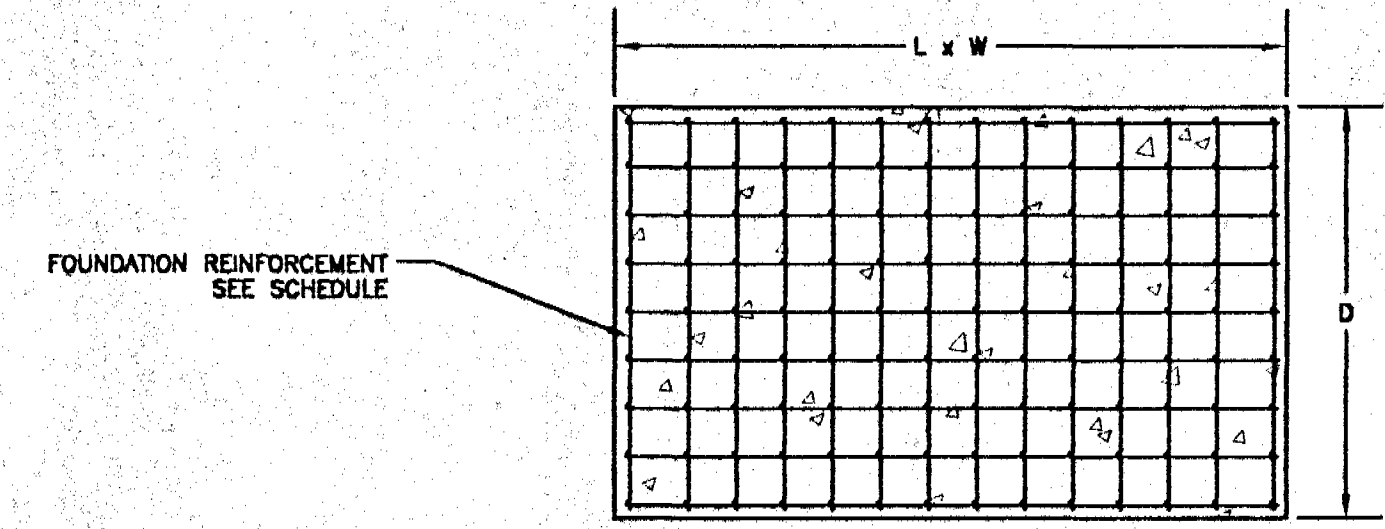
1. ALL CONCRETE TO BE 3000 PSI AT 28 DAY STRENGTH.
2. BILLET STEEL BARS FOR REINFORCING SHALL CONFORM TO THE REQUIREMENTS OF ASTM A-615, GRADE 60.
3. CONCRETE FOOTINGS TO BE PLACED WITH 6000 PSI BEARING SOIL AT 85% DENSITY BY MODIFIED PROCTOR 2 FT. BELOW FOOTING.
4. PROVIDE 8 mil VAPOR BARRIER ON ALL CONCRETE POURS.

FOUNDATION NOTES:

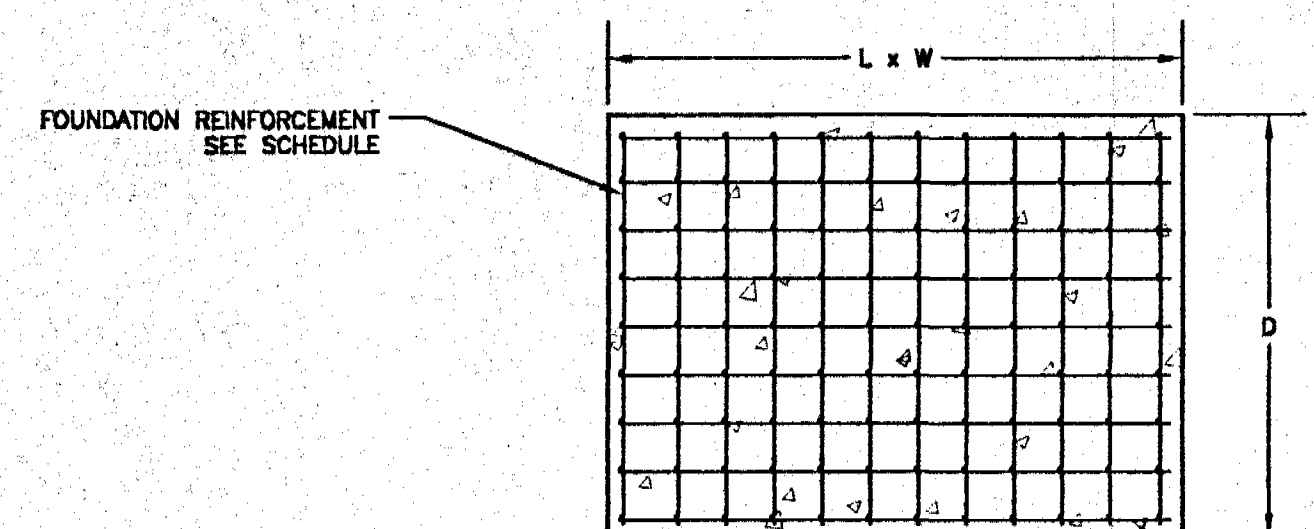
1. CONCRETE SHALL HAVE A MINIMUM COMPRESSION STRENGTH OF 3000 PSI AT 28 DAYS.
2. ALL REINFORCING SHOWN CONTINUOUS SHALL BE LAPPED 36 BAR DIAMETERS (GRADE 60).
3. MINIMUM COVER OVER REINFORCEMENT SHALL BE:
 1" - CONCRETE CAST AGAINST EARTH
 1-1/2" - CONCRETE EXPOSED TO WEATHER

SCHEDULE NOTES:

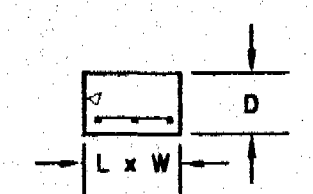
1. MAXIMUM CLEARANCE= 6" TYP
2. MINIMUM CLEARANCE= 3" TYP
3. PIERS TO BE COMPLETED IN TWO (2) POURS WITH HALF DEPTH OF FOUNDATION FOR EACH POUR.
4. SEE DIGESTER MANUFACTURER DRAWINGS FOR ANCHOR BOLT LOCATIONS.



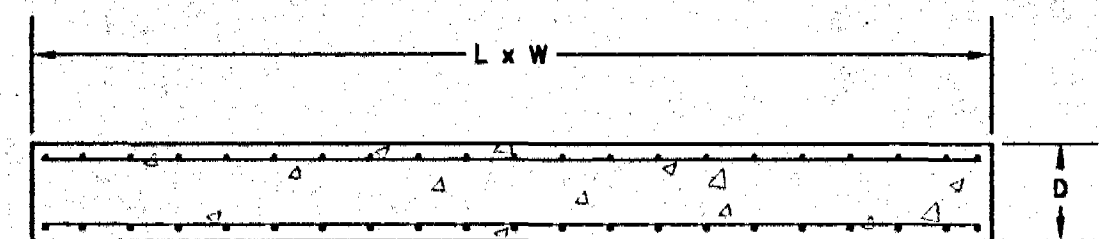
PIER 2 CROSS SECTION
NTS



PIER 1 CROSS SECTION
NTS



GANTRY LEG PIER CROSS SECTION
NTS



DRIVE PIER CROSS SECTION
NTS

FOUNDATION SCHEDULE

FOOTING	DIMENSIONS LxWxD	TOP ELEVATION	GROUND ELEVATION	BOTTOM ELEVATION	REINFORCEMENT	ANCHOR BOLTS
PIER 1	12'x21.33'x8.75'	PER MFR	PER MFR	PER MFR	#5 REBAR @ 12" O.C.E.W. HORIZONTAL & VERTICAL	(4) 1-1/2", A307 ANCHOR BOLTS, 18" PROJECTION, 20" EMBED (4) 1-1/2", A307 ANCHOR BOLTS, 10-3/4" PROJECTION, 20" EMBED
PIER 2	14'x21.33'x8.5'	PER MFR	PER MFR	PER MFR	#5 REBAR @ 12" O.C.E.W. HORIZONTAL & VERTICAL	(4) 1-1/2", A307 ANCHOR BOLTS, 18" PROJECTION, 20" EMBED (4) 1-1/2", A307 ANCHOR BOLTS, 10-3/4" PROJECTION, 20" EMBED
DRIVE PIER	20'x14.6875'x2'	PER MFR	PER MFR	PER MFR	#5 REBAR @ 12" O.C.E.W. TOP & BOTTOM	(8) 1-1/4", A307 ANCHOR BOLTS, 4-3/4" PROJECTION, 10" EMBED (10) 2", A307 ANCHOR BOLTS, 7" PROJECTION, 10" EMBED (3) 1-1/2", A307 ANCHOR BOLTS, 8-1/2" PROJECTION, 10" EMBED
GANTRY LEG PIER	2'x2'x1.25'	PER MFR	PER MFR	PER MFR	#5 REBAR @ 12" O.C.E.W.	(4) 7/8", A307 ANCHOR BOLTS, 4-3/4" PROJECTION, 10" EMBED

2

NO.	DATE	DESCRIPTION	REV. BY

CLIENT: **SUMTER COUNTY BOARD OF COUNTY COMMISSIONERS**

PROJECT: **F.O.R.C.E. SOLID WASTE DIGESTER II**

DRAWING: **FOUNDATION PLAN**

2 of 2

Springstead Engineering, Inc.

Consulting Engineers
Architects, Planners
Surveyors
RB-0001783
LB-0001783 AA-0002820
727 South 14th Street
Leesburg, FL 34748
(352) 787-1414

SCALE:	FILE:	DATE:
NONE	FOUNDATION	09/01
DESIGN:	DRAWN:	CHECKED:
<i>SAS</i>	<i>MWS</i>	<i>MWS</i>

DRAWING: FOUNDATION PLAN

CLIENT: SCBCC

JOB NO.: 92-1100.015 SHEET: 2 OF: 2

