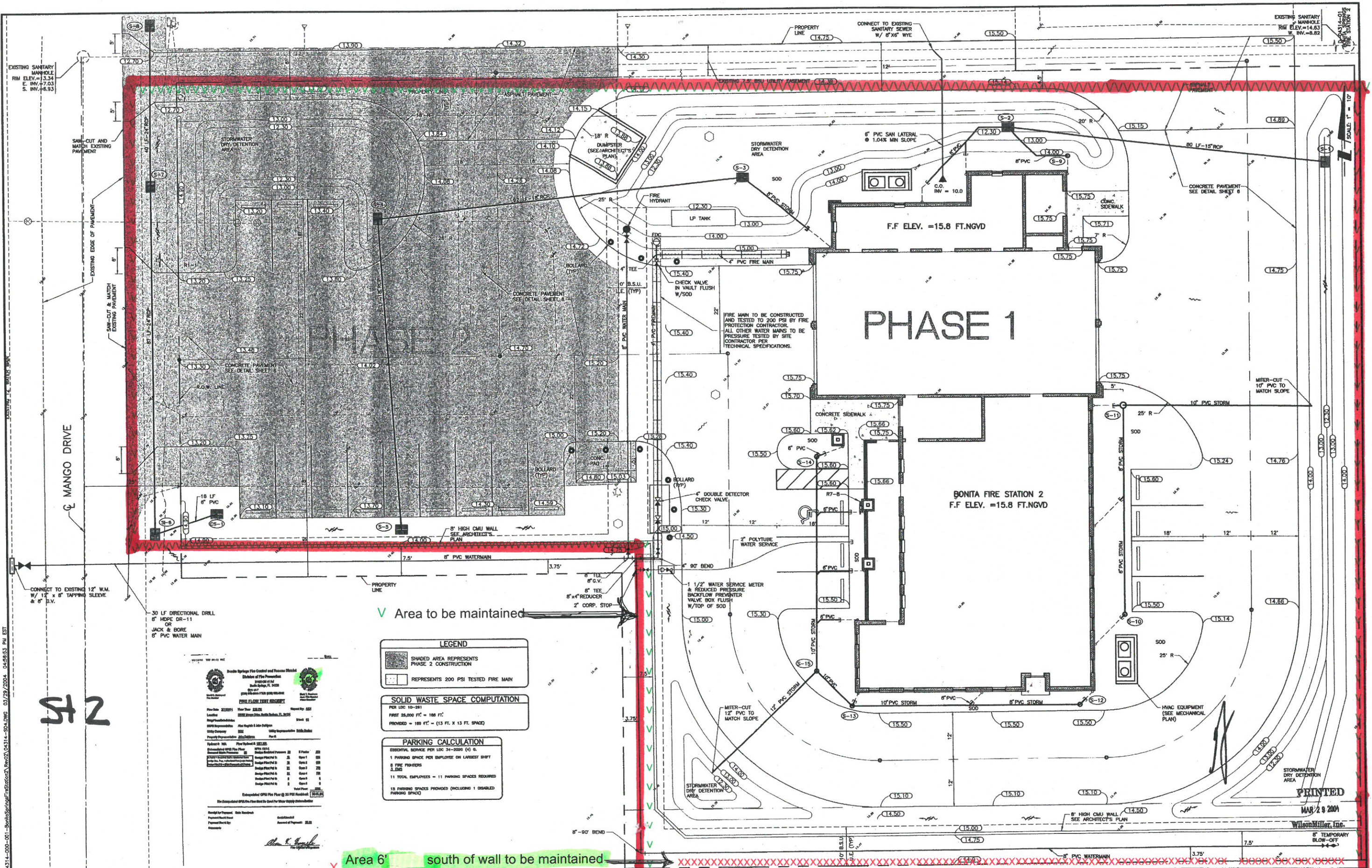


st2



LEGEND
SHADE AREA REPRESENTS
PHASE 2 CONSTRUCTION
REPRESENTS 200 PSI TESTED FIRE MAIN

SOLID WASTE SPACE COMPUTATION
PER LDC 10-241
FIRST 25,000 FT² = 188 FT²
PROVIDED = 188 FT² (13 FT. X 13 FT. SPACE)

PARKING CALCULATION
ESSENTIAL SERVICE PER LDC 34-2000 (4) G.
1 PARKING SPACE PER EMPLOYEE ON LARGEST SHIFT
8 FIRE FIGHTERS
1 J.E.M.
11 TOTAL EMPLOYEES = 11 PARKING SPACES REQUIRED
18 PARKING SPACES PROVIDED (INCLUDING 1 DISABLED PARKING SPACE)

Bonita Springs Fire Control and Rescue District
Division of Fire Protection
3000 Bailey Lane, Suite 200
Naples, Florida 34103-0001
Phone: 239-440-0001
Fax: 239-440-0002
Website: www.bonitaspringsfire.com

PROJECT INFORMATION
Project Name: Bonita Springs Fire Station 2
Project Number: D-04314-001
Project Date: 03/28/04
Project Location: 3000 Bailey Lane, Suite 200, Naples, FL 34103-0001
Project Engineer: Justin Martin
Project Designer: Justin Martin
Project Checker: Justin Martin
Project Approver: Justin Martin

WilsonMiller
Planners - Engineers - Ecologists - Surveyors - Landscape Architects - Transportation Consultants
WilsonMiller, Inc.
Naples - Fort Myers - Sarasota - Bradenton - Tampa - Tallahassee - Panama City Beach
3000 Bailey Lane, Suite 200 • Naples, Florida 34103-0001 • Phone: 239-440-0001 • Fax: 239-440-0002 • Website: www.wilsonmiller.com

ACTIVITY				INITIALS/DATE			
DESIGNED BY:	J.M./922	FEB 2004					
DRAWN BY:	J.M./1422	FEB 2004					
CHECKED BY:	J.M./922	FEB 2004					
CONTRACT ADMIN. BY:	J.M./922	FEB 2004					
WM APPROVED BY:	J.M./922	FEB 2004					

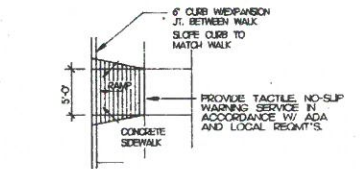
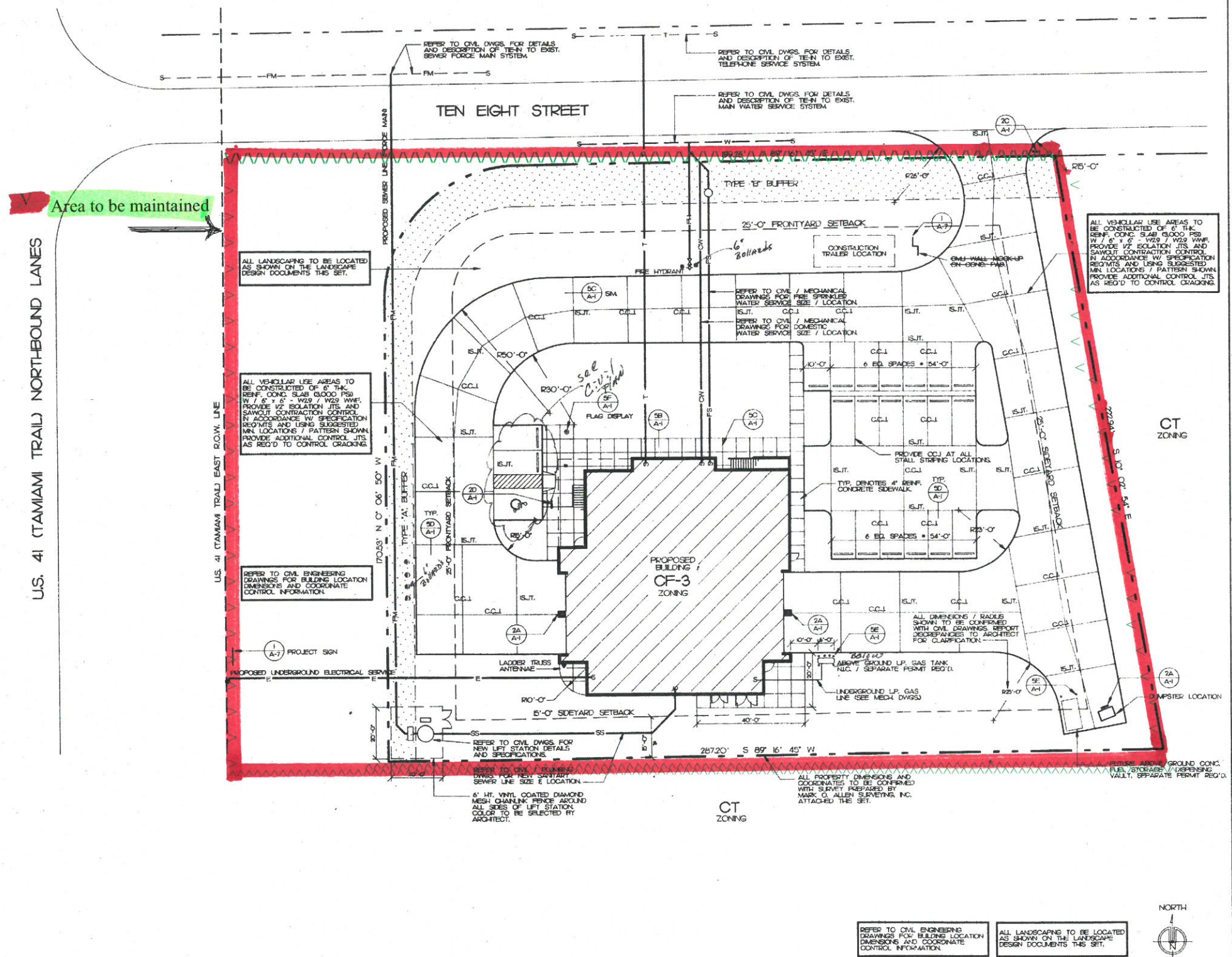
PROJECT:	BONITA SPRINGS FIRE STATION 2	PROJECT NUMBER:	D-04314-001
DATE:	03/28/04	DATE:	03/28/04
SCALE:	1" = 10'	SCALE:	1" = 10'
CROSS REFERENCE FILE NO.:	D-04314-02	CROSS REFERENCE FILE NO.:	D-04314-02

PRINTED
MAR 29 2004
WilsonMiller, Inc.

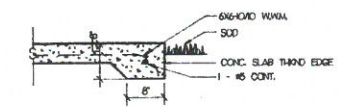
REV. NO.	REVISION	DATE	BY	APP. BY
2	CHANGE FIRE MAIN AND EASEMENT LAYOUT - PRESSURE TEST NOTE	03/28/04	J.M./1422	J.M./922

st3

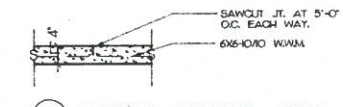
st3
1 of 1



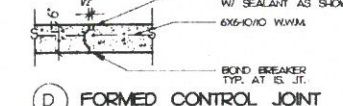
A HDOP. CURBOUT



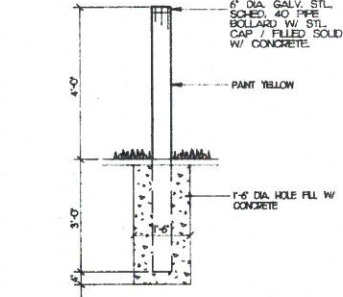
B SIDEWALK EDGE



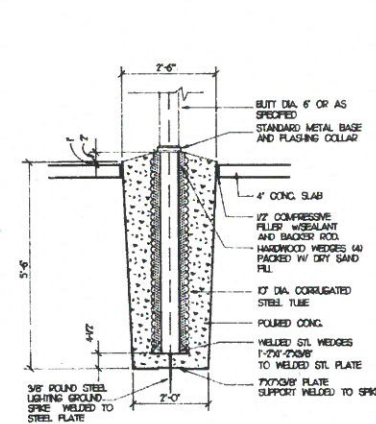
C SAWCUT CONTROL JOINT



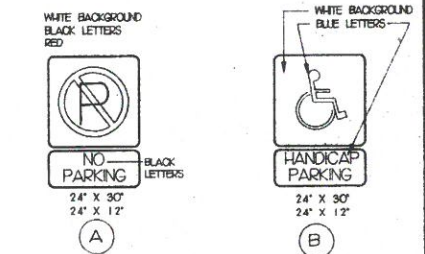
D FORMED CONTROL JOINT



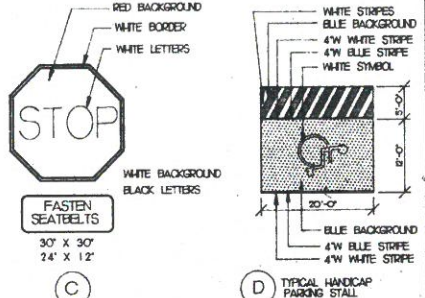
E BOLLARD DETAIL



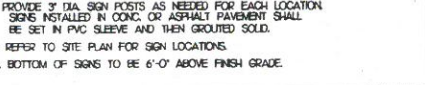
F FLAGPOLE DETAIL



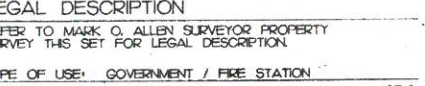
A NO PARKING



B HANDICAP PARKING



C STOP



D FASTEN SEATELTS



E TYPICAL HANDICAP PARKING STALL

SIGNAGE NOTES:
1. PROVIDE 3" DIA. SIGN POSTS AS NEEDED FOR EACH LOCATION.
2. REFER TO SITE PLAN FOR SIGN LOCATIONS.
3. BOTTOM OF SIGNS TO BE 6'-0" ABOVE FINISH GRADE.

SITE SIGNAGE

LEGAL DESCRIPTION

REFER TO MARK O. ALLEN SURVEYOR PROPERTY SURVEY THIS SET FOR LEGAL DESCRIPTION.

TYPE OF USE: GOVERNMENT / FIRE STATION

EXISTING ZONING CLASSIFICATION: OF-3

PROPOSED ZONING CLASSIFICATION: OF-3

SETBACK REQUIREMENTS:

FRONTYARD: 25'-0"

SIDEYARD: 5'-0"

REARYARD: 25'-0"

MAXIMUM LOT COVERAGE (ALLOWABLE): 35%

PROPOSED LOT COVERAGE: REFER TO CIVIL DWGS.

IMPERVIOUS AREA: REFER TO CIVIL DWGS.

PARKING SUMMARY

OFFICE USE:
ONE (1) SPACE PER 300 SF OF OFFICE 3,000 SF OF OFFICE = 10 SPACES

EMPLOYEES:
ONE (1) SPACE PER EMPLOYEE PER SHIFT 9 EMPLOYEES PER SHIFT = 9 SPACES

TOTAL SPACES REQUIRED: 19 SPACES

TOTAL SPACES PROVIDED: 23 SPACES

HANDICAP SPACES REQUIRED: 0 - 20 PARKING SPACES - 1 SPACE 1 SPACE (VAN ACCESSIBLE)

ARCHITECTURAL SITE PLAN

SCALE: 1" = 20'-0"

9 SITE DETAILS

5 PROJECT DATA

1

BONITA SPRINGS FIRE STATION No. 3
BONITA SPRINGS FIRE CONTROL AND RESCUE DISTRICT
LEE COUNTY, FLORIDA

JOHNSON
PETERSON
ARCHITECTS

ARCHITECTURAL SITE PLAN / DETAILS

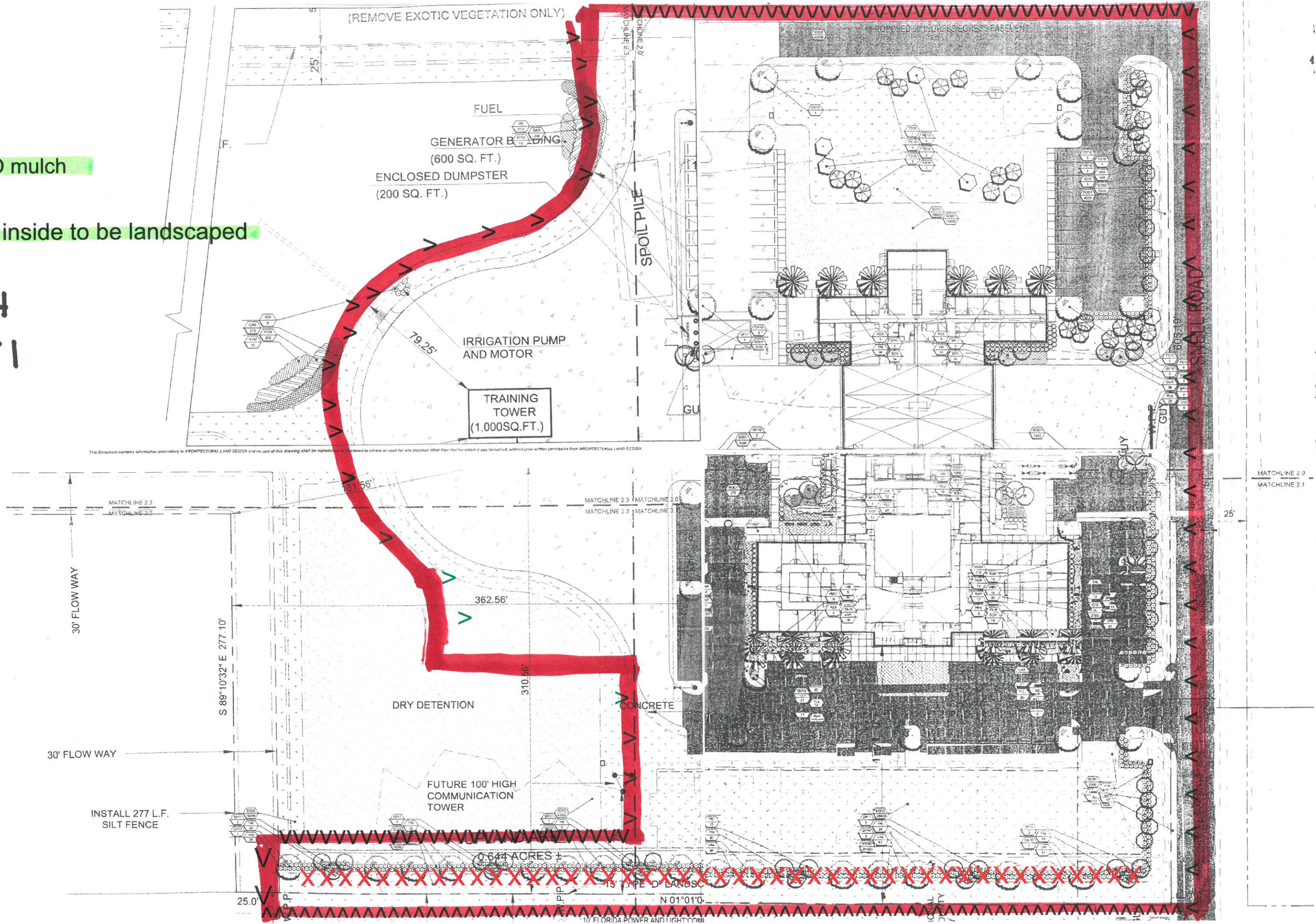
Date ■ 19 OCTOBER 1992
Drawn ■ JGZ
Checked ■ GWP
JPA ■ 9201A1

A-1

X NO mulch

Area inside to be landscaped

S+4
1 of 1

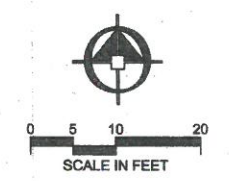


5+5
1 of 3

PLANT LEGEND

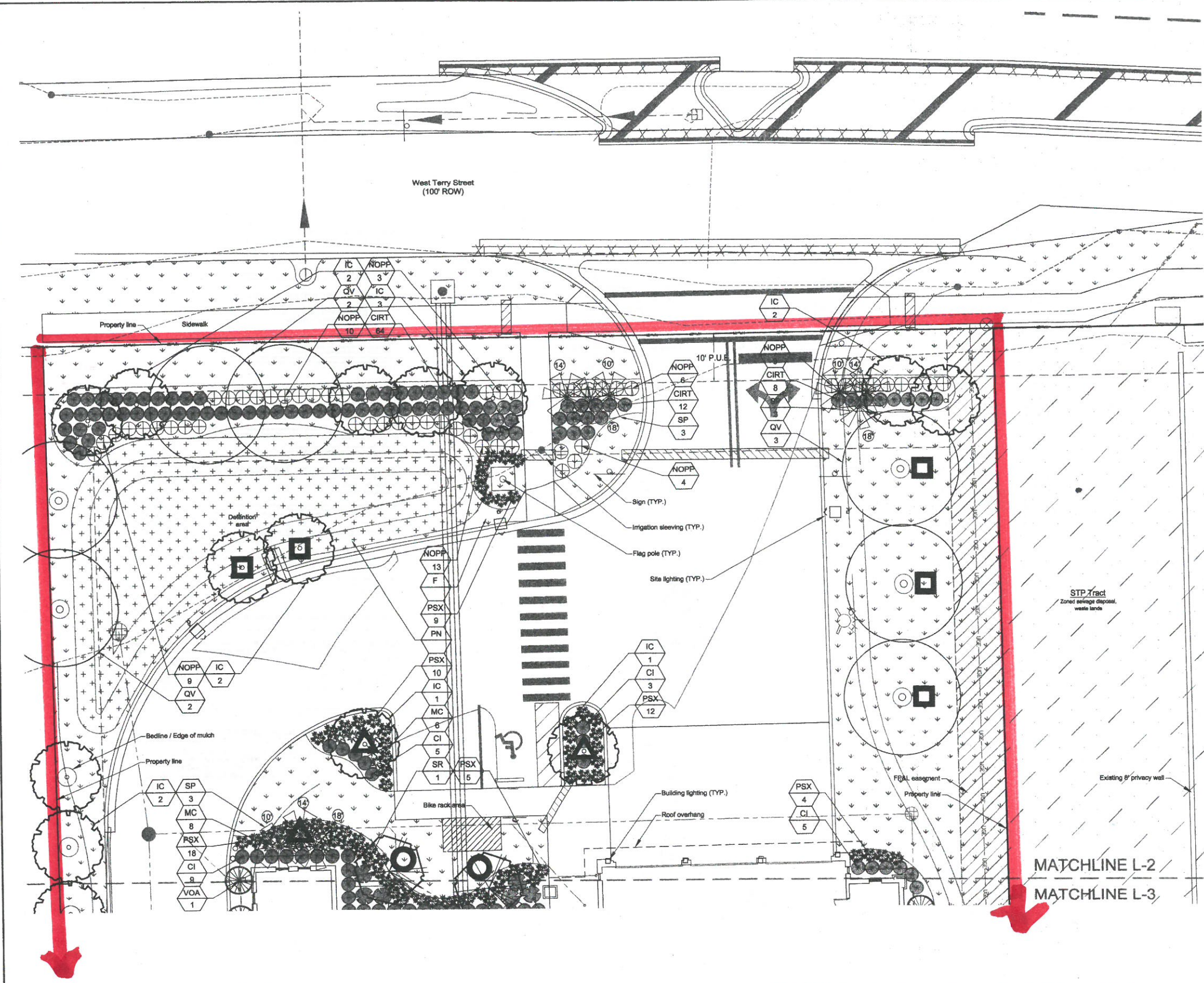
SYM	SYM	BOTANICAL NAME	COMMON NAME
TREES			
CL	CL	Celtis laevigata	Sugarberry
IC	IC	Ilex cassine	Dalton Holly
QV	QV	Quercus virginiana	Live Oak
DR	DR	Daltonia regia	Royal Palmetto
PALMS			
SP	SP	Sabal palmetto	Sabal Palm
SHRUBS			
CIRT	CIRT	Chrysanthemum leucanthemum	Red Tip Coccoloba
MC	MC	Muhlenbergia capillaris	Muhly Grass
NBM	NBM	Nephrolepis bisulcata 'macho'	Macho Fern
NOPP	NOPP	Nerium oleander 'petite pink'	Dwarf Oleander
PSX	PSX	Philodendron sellowianum 'xanadu'	Xanadu Philodendron
SR	SR	Striptease reginae	Bird of Paradise
VOA	VOA	Viburnum odoratissimum 'awabuki'	Awabuki Viburnum
TURF			
PN	PN	Paspalum notatum	Bahia
F	F	Floratam	St. Augustine

NOTES:
 1) All plant quantities are minimums.
 2) Landscape Architect to approve final locations, sizes, and species of all plant materials.
 3) Quantities shown for the landscape shall be 7' 6" to the front and sides and 4' 0" to the rear.
 4) Code-required palms must have a minimum of 10' of clear trunk at time of planting. Palms are limited to 30% of the total required number of trees and must be installed within 10' of the building.
 5) All turf areas are to be Floratam, excluding dry detention areas which are to be Bahia soil, unless otherwise noted on the landscape plan.
 6) All plant materials must meet Florida FCS 10-10-06 quality.
 7) Caliper of all trees shall be measured at 4 1/2' above finish grade.



LEGEND

QV	Quantity	Type "A" buffer
Δ	Parking tree	Type "D" buffer
□	General tree	Building perimeter planting
○	Specimen tree	FP&L easement
—	Waterway	STP Tract
□	Open space (See sheet L-6)	



u:\projects\20076731\6731-BSF Station 5-LA-BASE_10-10-06.dwg (L-2) mpe Feb 02, 2008 - 4:15pm

REVISIONS		
Δ	REV AS PER CITY CODE	10/20/06
Δ	REV AS PER LEE COUNTY	9/27/07



FIRE CONTROL & RESCUE
DISTRICT FIRE STATION 5
Bonita Springs, Florida

JOHNSON
ENGINEERING

2122 JOHNSON STREET
P.O. BOX 1550
FORT MYERS, FLORIDA 33902-1550
PHONE (239) 334-0046
FAX (239) 334-3661
E.B. #642 & L.B. #642

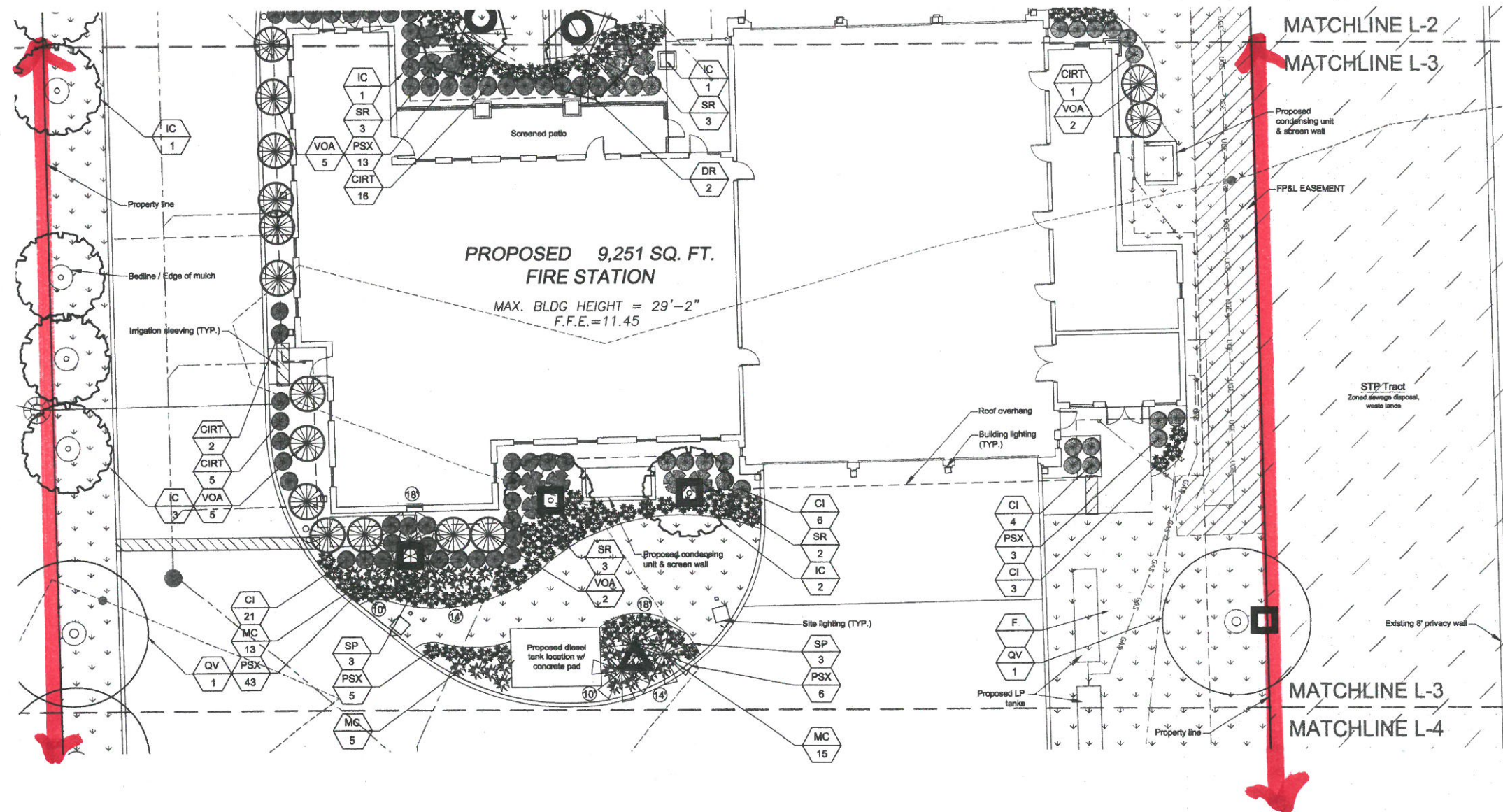
STEPHEN J. TRUDNAK
RLA NO. LA-000676

LANDSCAPE PLAN

DATE	PROJECT NO.	FILE NO.	SCALE	SHEET
FEB. 2007	20076731	33-47-25	As Shown	L-2

LEGEND

	Symbol Quantity		Type "A" buffer
	Parking tree		Type "D" buffer
	General tree		Building perimeter planting
	Specimen tree		FP&L easement
	Waterway		STP Tract
	Open space (See sheet L-6)		



J:\projects\20076731\6731-BSF Station 5-LA-BASE 10-10-08.dwg (L-3) mge Feb 02, 2009 - 4:15pm

REVISIONS		
	REV AS PER CITY CODE	10/20/08
	REV AS PER LEE COUNTY	9/27/07



FIRE CONTROL & RESCUE
DISTRICT FIRE STATION 5
Bonita Springs, Florida

JOHNSON ENGINEERING

2122 JOHNSON STREET
P.O. BOX 1550
FORT MYERS, FLORIDA 33902-1550
PHONE (239) 334-0046
FAX (239) 334-3661
E.B. #642 & L.B. #642

STEPHEN J. TRUDNAK
RLA NO. LA-0000678

LANDSCAPE PLAN

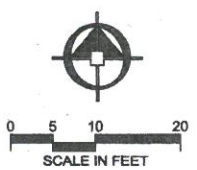
DATE	PROJECT NO.	FILE NO.	SCALE	SHEET
FEB. 2007	20076731	33-47-25	As Shown	L-3

5+5
3 of 3

PLANT LEGEND

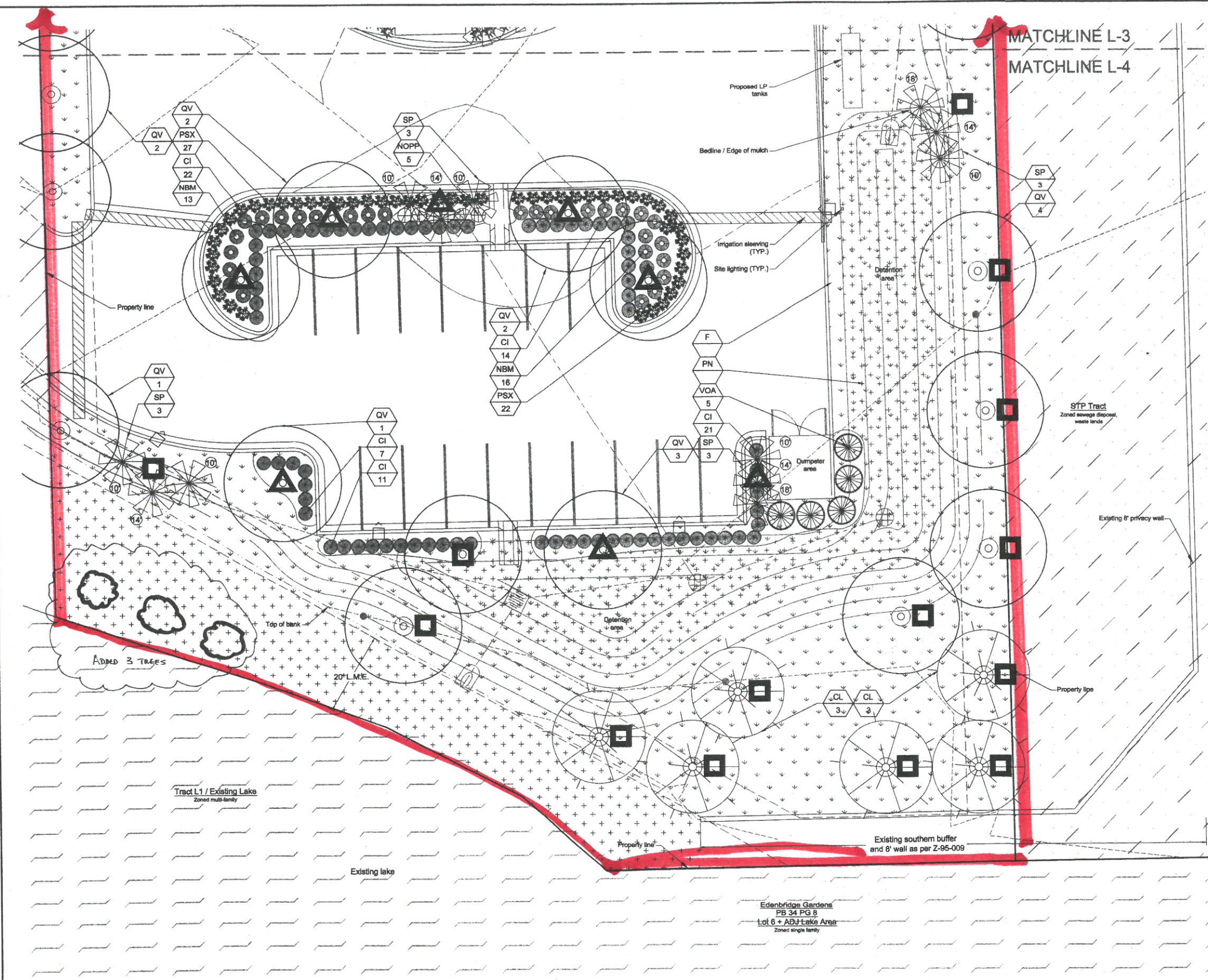
SYM	SYM	BOTANICAL NAME	COMMON NAME
TREES			
CL	CL	Celtis laevigata	Sugarberry
IC	IC	Ilex cassine	Dashon Holly
QV	QV	Quercus virginiana	Live Oak
DR	DR	Delonix regia	Royal Poinciana
PALMS			
SP	SP	Sabal palmetto	Sabal Palm
SHRUBS			
CRT	CRT	Chrysobalanus icaco 'red tip'	Red Tip Coccoloba
MC	MC	Muhlenbergia capillaris	Muhly Grass
NBM	NBM	Nerium oleander 'variegated'	Macho Fern
NOPP	NOPP	Nerium oleander 'petite pink'	Dwarf Oleander
PSX	PSX	Philodendron sellowianum 'variegated'	Xanadu Philodendron
SR	SR	Streptocarpus reginae	Bird of Paradise
VOA	VOA	Viburnum odoratissimum 'variegated'	Azalea Viburnum
TURF			
PN	PN	Paspalum notatum	Bahiá
F	F	Florist	St. Augustine

NOTES:
 1) All plant material shall be installed within 14 days of receipt.
 2) Landscaper to approve final location, size, and species of all plant material.
 3) Clearance around the base of trees shall be 7'-0" to the front and sides and 4'-0" to the rear.
 4) Color-coded plants must have a minimum of 10% of their foliage at time of planting. Plants are limited to 80% of the total required number of trees and must be installed. Plants must be 3 to 4 for canopy trees.
 5) All turf areas are to be Florida, including dry drainage areas which are to be Bahia and, unless otherwise noted on the landscape plan.
 6) All plant material must meet Florida MCL 1 in quality.
 7) Caliper of all trees shall be measured at 1 1/2" above buttress.



LEGEND

QV	Symbol	Type "A" buffer
Quantity		Type "D" buffer
△	Parking tree	Building perimeter planting
□	General tree	FP&L easement
○	Specimen tree	STP Tract
—	Waterway	
□	Open space (See sheet L-5)	



Projects\20076731\6731-BSF Station 5-LA-BASE-10-10-08.dwg (L-4) mge Feb 02, 2009 - 4:38pm

REVISIONS		
△	REV AS PER CITY CODE	10/20/08
△	REV AS PER LEE COUNTY	9/27/07



FIRE CONTROL & RESCUE
 DISTRICT FIRE STATION 5
 Bonita Springs, Florida

JOHNSON
 ENGINEERING

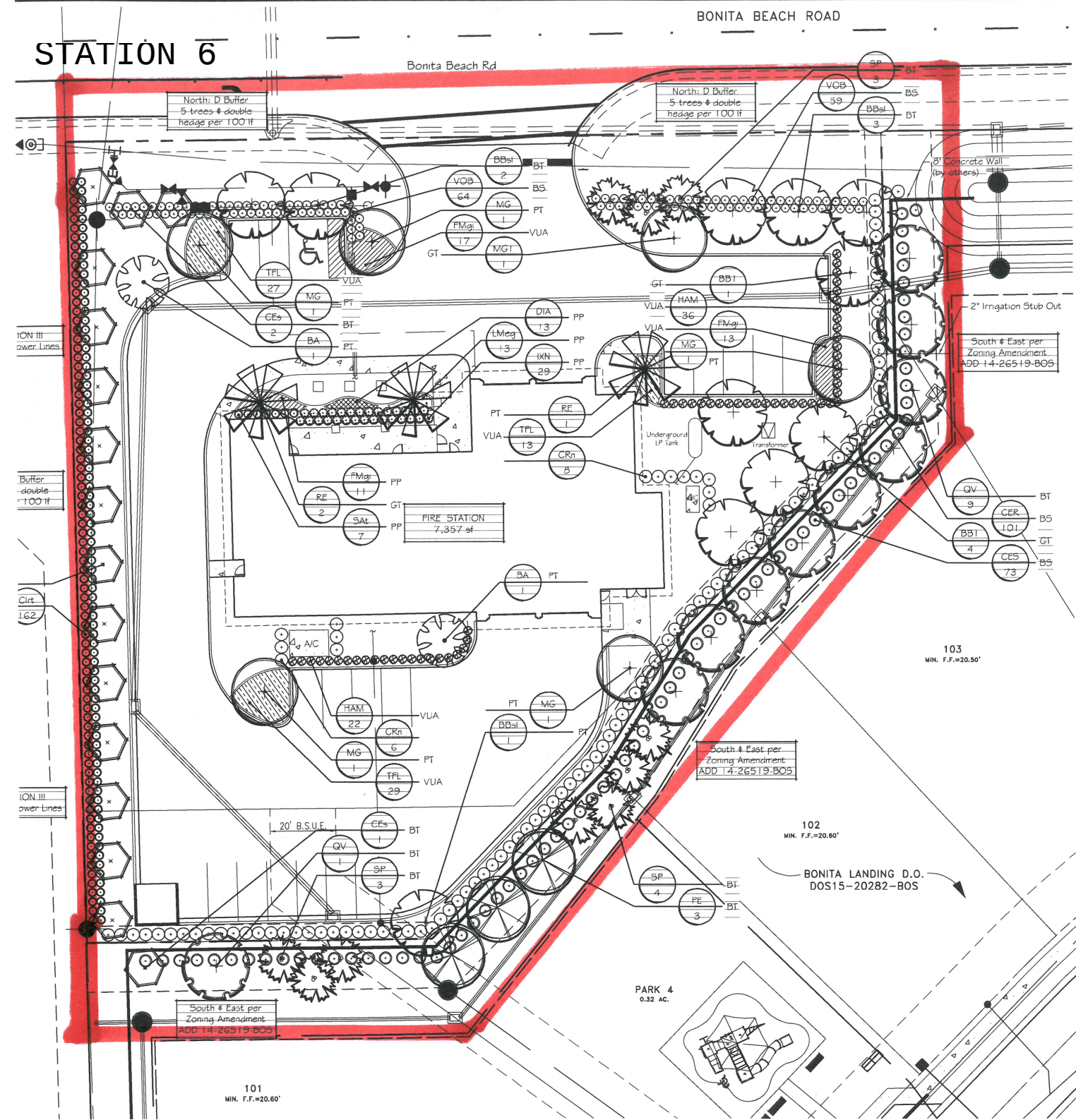
2122 JOHNSON STREET
 P.O. BOX 1550
 FORT MYERS, FLORIDA 33902-1550
 PHONE (239) 334-0046
 FAX (239) 334-3661
 E.B. #642 & L.B. #642

STEPHEN J. TRUDNAK
 RLA NO. LA-0000878

LANDSCAPE PLAN

DATE	PROJECT NO.	FILE NO.	SCALE	SHEET
FEB. 2007	20076731	33-47-25	As Shown	L-4

STATION 6



FIRE HOUSE CODE MINIMUM PLANTING PLAN

BONITA SPRINGS LDC CALCULATIONS

SECTION 3-418 LANDSCAPE STANDARDS:

A. General Landscape Calculation:

All Other Developments:			
49,033	SF/3500 =	14.0	14
Total Lot Area		# of Trees	# of Trees Required
G provided trees spaced = 12 trees + 2 palms = 14 required trees			

B. Building Perimeter Plantings

7,357	SF * 10% =	735.7	736
Total Bldg SF		SF Planting Req.	SF Planting Provided

C.2. Landscaping of parking & vehicle use areas.

20,551	SF * 10% =	2055	2,055
Vehicular SF		SF Planting Req.	SF Planting Provided
2,055	SF / 250 =	8.2	9
Vehicular Planting SF		# of Trees Req.	# Trees Provided

D. Buffering

North Property Line

D Buffer: Min. 15ft width, 5 trees per 100lf, double hedge row

185	LF/100 * 5 =	9.3	10
Perimeter in LF		# of Trees	# of Trees Required
185	LF/3 X2=	123.3	123
Perimeter in LF		# of Shrubs	# of Shrubs Required

South & East Property Line

Per Zoning Amendment ADD14-26519-BOS(PO) deviation 7:

Residential side: C Buffer: Min. 15ft width, 5 trees & 18 shrubs per 100lf

Fire House side: Single 4' height hedge row: 4' o.c.

All plantings to be 100% native

403	LF/100 * 5 =	20.2	21
Perimeter in LF		# of Trees Req.	# of Trees Provided
403	LF / 18 =	22.4	23
Perimeter in LF		# of Shrubs Req.	# of Shrubs Provided
403	LF / 4 =	100.8	101
Perimeter in LF		# of Shrubs Req.	# of Shrubs Provided

West Property Line

B Buffer: Min. 15ft width, 5 trees per 100lf, double hedge row

243	LF/100 * 5 =	12.2	13
Perimeter in LF		# of Trees	# of Trees Required
243	LF/3 X2=	162.0	162
Perimeter in LF		# of Shrubs	# of Shrubs Required

LEGEND

BT = Buffer Tree
BS = Buffer Shrub
PT = Parking Tree
VUA = Vehicular Use Planting
GT = General Tree
PP = Perimeter Planting

SITE INFORMATION

PLANT LIST

CANOPY TREES					
Qty.	Key	Scientific Name	Common Name	Sizing & Spacing	Native
5	BBsl	Bucida buceras 'Shady Lady'	Shady Lady Black Olive	10'-12' ht. x 4' spd., 2" cal.; as shown	N
5	BB1	Bucida buceras 'Shady Lady'	Shady Lady Black Olive	16' ht. x 7' spd., 4" cal; as shown	N
2	BA	Bulnesia arborea	Verawood Tree	10'-12' ht. x 4' spd., 2" cal.; as shown	Y
16	CEs	Conocarpus erectus senceus	Silver Buttonwood Tree	10' ht. x 4' spd., 2" cal; as shown	Y
5	MG	Magnolia grandiflora 'Bracken Brown'	Bracken Brown Magnolia Tree	10'-12' ht. x 4' spd., 2" cal.; as shown	Y
1	MG1	Magnolia grandiflora 'Bracken Brown'	Bracken Brown Magnolia Tree	16' ht. x 7' spd., 4" cal; as shown	Y
3	FE	Pinus elliotii densa	Florida Slash Pine Tree	10'-12' ht. x 4' spd., 2" cal.; as shown	Y
10	QV	Quercus virginiana 'Highnsd'	Highnsd Oak Tree	10'-12' ht. x 4' spd., 2" cal.; as shown	Y

PALM TREES					
Qty.	Key	Scientific Name	Common Name	Sizing & Spacing	Native
3	RE	Roystonea elata	Royal Palm	8' gw, matched; as shown	Y
10	SP	Sabal palmetto	Cabbage Palm	10'-16' ct.; slick, cut head; as shown	Y

SHRUBS					
Qty.	Key	Scientific Name	Common Name	Sizing & Spacing	Native
14	CRn	Clusia rosea 'Nana'	Pitch Apple	10 gallon, 48" ht.; 42" o.c.	N
101	CER	Conocarpus erectus	Green Buttonwood	3 gallon, 20" ht.; 36" o.c.	Y
73	CEs	Conocarpus erectus senceus	Silver Buttonwood Tree	3 gallon, 20" ht.; 36" o.c.	Y
162	Cirt	Chrysobalanus icaco 'Red Tip'	Red Tip Cocoplum	3 gallon, 20" ht.; 36" o.c.	Y
56	HAM	Hamelia patens	Firebush	3 gallon, 20" ht.; 36" o.c.	Y
29	IXn	Ixora 'Nora Grant'	Nora Grant Ixora	3 gallon, 20" ht.; 30" o.c.	N
7	SAt	Schefflera arboricola 'Tnette'	Vangated Dwarf Schefflera	3 gallon, 20" ht.; 30" o.c.	N
69	TFL	Tnpsacum floridana	Dwarf Fakahatchee Grass	3 gallon, 20" ht.; 30" o.c.	Y
123	VOB	Viburnum obovatum	Walter's Viburnum	3 gallon, 20" ht.; 36" o.c.	Y

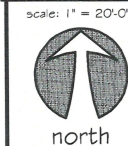
GROUNDCOVERS					
Qty.	Key	Scientific Name	Common Name	Sizing & Spacing	Native
13	DIA	Dianella tasmanica 'Vaneagata'	Vangated Flax Lily	3 gallon, 14" ht.; 30" o.c.	N
41	FMgi	Ficus microcarpa 'Green Island'	Green Island Ficus	3 gallon, 14" ht.; 30" o.c.	N
13	LMeg	Linope muscari 'Emerald Goddess'	Emerald Goddess Linope	1 gallon, 12" ht.; 24" o.c.	N

SOD, IRRIGATION & MULCH					
Qty.	Unit	Scientific Name	Common Name	Sizing & Spacing	
TBD	SF	Stenotaphrum secundatum	St. Augustine Sod	See Planting Plan	
TBD	SF	Irngaton - 100% coverage	Head to Head Coverage	Contractor to field verify	
TBD	SF	Mulch - bed sf	Bark or Pine Straw	2" depth	

rsm design, inc.
landscape architecture

client:
Banks Engineering
Fort Myers, FL

BONITA SPRINGS, LEE COUNTY, FLORIDA
BONITA BEACH ROAD
BONITA LANDING FIRE
HOUSE



Code Minimum Plans