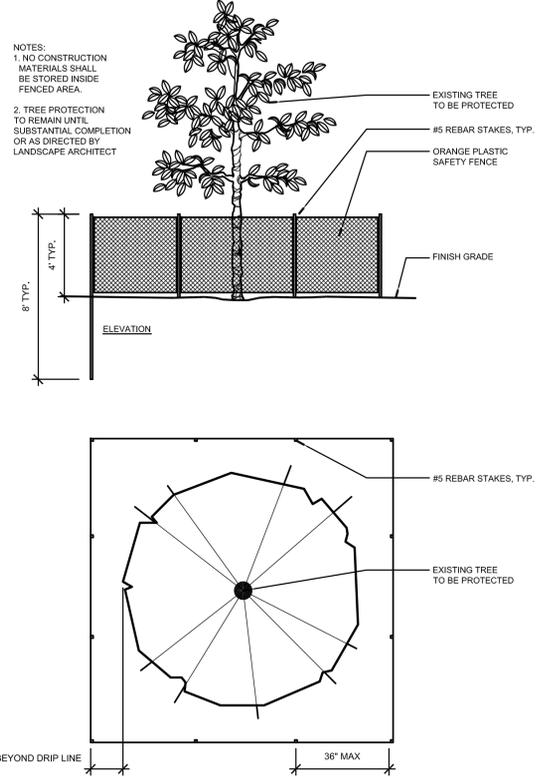


1 EXISTING TREE PLAN
 L-01 SCALE: 1"=30'-0"



2 TREE PROTECTION DETAIL
 L-01 SCALE: N.T.S.

Tree #	Botanical Name	Common Name	SIZE	Status/Action
1	Delonix regia	Royal Poinciana	15" DBH	Remove
2	Syagrus romanzoffiana	Queen Palm	OVER 8'	Remove
3	Syagrus romanzoffiana	Queen Palm	OVER 8'	Remove
4	Ptychosperma elegans	Alexander Palm	OVER 8'	Remove
5	Callistemon viminalis	Bottlebrush Tree	6" DBH	Remove
6	Callistemon viminalis	Bottlebrush Tree	6" DBH	Remove
7	Ptychosperma elegans	Alexander Palm	OVER 8'	Remove
8	Syagrus romanzoffiana	Queen Palm	OVER 8'	Remove
9	Syagrus romanzoffiana	Queen Palm	OVER 8'	Remove
10	Ptychosperma elegans	Alexander Palm	OVER 8'	Remove
11	Swietenia mahagoni	Mahogany Tree	30" DBH	Preserve
12	Sabal palmetto	Cabbage Palm	8" DBH	Preserve
13	No Tree	N/A	N/A	N/A
14	Coccoloba uvifera	Sea Grape	6" DBH	Remove
14a	Thrinax radiata	Florida Thatch Palm	10' CT.	Remove
15	Ptychosperma elegans	Alexander Palm	7' CT.	Remove
16	Ptychosperma elegans	Alexander Palm	14' CT.	Remove
16a	Ptychosperma elegans	Alexander Palm	17' CT.	Remove
16b	Ptychosperma elegans	Alexander Palm	12' CT.	Remove
16c	Ptychosperma elegans	Alexander Palm	8.5' CT.	Remove
16d	Ptychosperma elegans	Alexander Palm	4' CT.	Remove
17	Bursera simaruba	Gumbo Limbo	12" DBH	Preserve
18	Delonix regia	Royal Poinciana	24" DBH	Remove
19	Bursera simaruba	Gumbo Limbo	10" DBH	Remove
20	Sabal palmetto	Cabbage Palm	6" DBH	Transplant
21	Sabal palmetto	Cabbage Palm	6" DBH	Transplant
22	Sabal palmetto	Cabbage Palm	8" DBH	Transplant
23	Sabal palmetto	Cabbage Palm	6" DBH	Transplant
24	Sabal palmetto	Cabbage Palm	6" DBH	Transplant
25	Sabal palmetto	Cabbage Palm	8" DBH	Preserve
26	Sabal palmetto	Cabbage Palm	8" DBH	Preserve
27	Schefflera actinophylla	Umbrella Tree	24" DBH	Remove
28	Sabal palmetto	Cabbage Palm	8" DBH	Preserve
29	Sabal palmetto	Cabbage Palm	8" DBH	Preserve
30	Sabal palmetto	Cabbage Palm	8" DBH	Preserve
31	Sabal palmetto	Cabbage Palm	8" DBH	Transplant
32	Sabal palmetto	Cabbage Palm	6" DBH	Preserve
33	Sabal palmetto	Cabbage Palm	6" DBH	Preserve
34	Sabal palmetto	Cabbage Palm	8" DBH	Preserve
35	Sabal palmetto	Cabbage Palm	8" DBH	Preserve
36	Sabal palmetto	Cabbage Palm	8" DBH	Preserve
37	Cocos nucifera	Coconut Palm	6" DBH	Transplant
38	Cocos nucifera	Coconut Palm	6" DBH	Transplant

Tree #	Botanical Name	Common Name	SIZE	Status/Action
39	Cocos nucifera	Coconut Palm	6" DBH	Transplant
40	Sabal palmetto	Cabbage Palm	8" DBH	Preserve
41	Sabal palmetto	Cabbage Palm	8" DBH	Preserve
42	Sabal palmetto	Cabbage Palm	6" DBH	Transplant
42a	Sabal palmetto	Cabbage Palm	6" DBH	Transplant
43	Sabal palmetto	Cabbage Palm	8" DBH	Transplant
44	Sabal palmetto	Cabbage Palm	8" DBH	Transplant
45	Ficus sp.	Ficus Tree	48" DBH	Preserve
45a	Ptychosperma elegans	Alexander Palm	13' CT.	Remove
46	Delonix regia	Royal Poinciana	26" DBH	Remove
47	Hura crepitans	Sandbox Tree	26" DBH	Remove
48	Hura crepitans	Sandbox Tree	17" DBH	Remove
49	Hura crepitans	Sandbox Tree	19" DBH	Preserve
50	Hura crepitans	Sandbox Tree	28" DBH	Remove
51	No Tree	N/A	N/A	N/A
52	Piscidia piscipula	Jamaican Dogwood	8" DBH	Preserve
53	Piscidia piscipula	Jamaican Dogwood	12" DBH	Remove
54	Ptychosperma elegans	Alexander Palm	OVER 8'	Remove
55	Ptychosperma elegans	Alexander Palm	OVER 8'	Remove
56	Conocarpus erectus	Silver Buttonwood	8" DBH	Remove
56a	Senna polyphylla	Desert Cassia	8.5" DBH	Remove
56b	Juniperus silicicola	Southern Red Cedar	2.5" DBH	Remove
56c	Juniperus silicicola	Southern Red Cedar	2" DBH	Remove
57	Lignum vitae	Tree of Life	N/A	Preserve
58	Lignum vitae	Tree of Life	N/A	Preserve
59	Senna polyphylla	Desert Cassia	5" DBH	Remove
60	Juniperus silicicola	Southern Red Cedar	1" DBH	Remove
61	Sabal palmetto	Cabbage Palm	4' CT.	Remove

Notes:
 1. ALL STUMPS AND ROOTS TO BE REMOVED. PROVIDE FILL WHERE NEEDED TO RETURN TO EXISTING NATURAL GRADE.
 2. GRIND STUMPS 4" BELOW GRADE WHERE CALLED OUT ON PLAN - REMOVE ALL CHIPPING FROM PROCESS, AND DISPOSE OFF-SITE.
 3. REMOVE ALL MISCELLANEOUS SHRUBS AND GROUND COVER FROM SITE.
 4. ALL SABAL PALMS BEING REMOVED SHALL BE TRANSPLANTED TO A FINAL LOCATION DETERMINED BY CITY OF KEY WEST.

REVISIONS:
 1. 01/26/2014 REVISED PER DRC REVIEW

FINAL TREE COMMISSION SUBMITTAL

**KEY WEST CITY HALL
 AT GLYNN ARCHER**

1300 WHITE STREET KEY WEST, FLORIDA
 CITY OF KEY WEST

LANDSCAPE ARCHITECT
 LITTLEJOHN
 ENGINEERING
 ASSOCIATES
 410 ANGELA STREET
 KEY WEST, FLORIDA 33040
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 FACSIMILE (305) 296-2727
 FLORIDA LICENSE AC002022

Bender & Associates
 ARCHITECTS

Project No: 1305
 EXISTING TREE
 PLAN #
 REMOVAL
 SCHEDULE

Date: 03/28/14

L-01
 OF

TRUE NORTH
 PROJECT NORTH

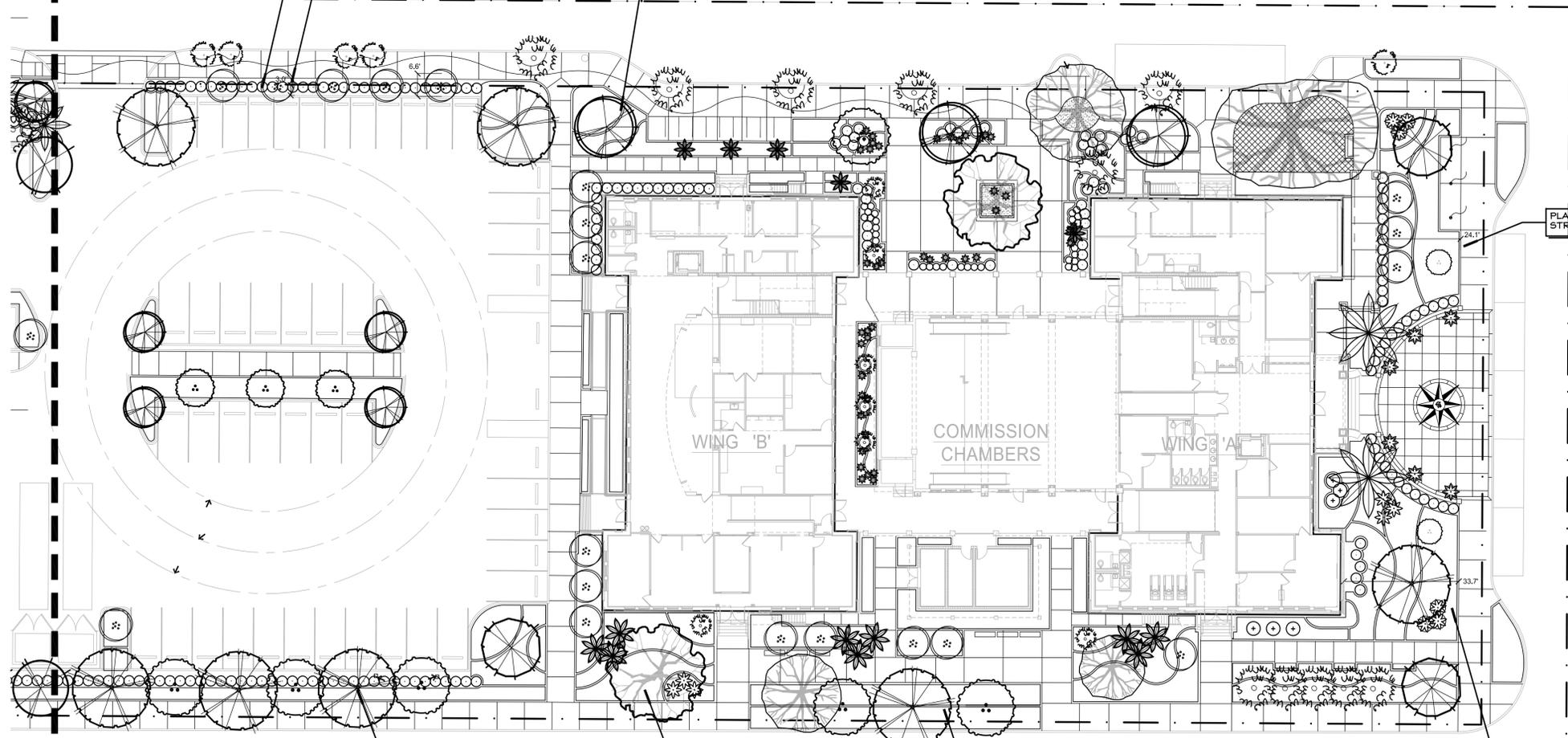
MATCHLINE SEE SHEET L-51

MATCHLINE SEE SHEET L-51

WHALTON ST.

C/L UNITED STREET

SEMINARY STREET



UNITED STREET (HMDR) 895 LINEAR FT. BUFFERYARD TYPE (B) 5' WIDTH
 REQ'D:
 3 CANOPY TREES/100 LF = 26 TREES
 1 UNDERSTORY TREES/100 LF = 4 TREES
 10 SHRUBS/100 LF = 84 SHRUBS
 PROVIDED:
 26 CANOPY TREES, 3" DBH, 12' HT. MIN.
 50 UNDERSTORY TREES, 5' HT. MIN.
 200+ SHRUBS, 36" MIN.

3.0' MIN.-6.6' MAX. PLANTING AREA PROVIDED, POTENTIAL WAIVER REQUIRED

PLANT UNIT CALCULATION- SECTION 108-347(c & d)
 UNITED STREET BUFFERYARD- 895 LF TYPE (B) 5' WIDTH
 REQ'D:
 895 LF OF BUFFER / 100= 8.95 X 40 PLANT POINTS= 334 PLANT POINTS
 PROVIDED:
 26 CANOPY TREES @ 10 POINTS= 260 POINTS
 50 UNDERSTORY TREES @ 5 POINTS= 250 POINTS
 200 SHRUBS @ 1 POINT= 200 POINTS
 GRAND TOTAL BUFFERYARD POINTS: 710 POINTS

PLANTING AREA VARIES ALONG WHITE STREET, POTENTIAL WAIVER REQUIRED

SEMINARY STREET (HMDR) 453 L. FT. BUFFERYARD TYPE (B) 5' WIDTH REQ'D:
 3 CANOPY TREES/100 LF = 14 TREES
 1 UNDERSTORY TREES/100 LF = 5 TREES
 10 SHRUBS/100 LF = 46 SHRUBS
 PROVIDED:
 14 CANOPY TREES, 3" DBH, 12' HT. MIN.
 10 UNDERSTORY TREES, 5' HT. MIN.
 60+ SHRUBS, 36" HT. MIN.
 PARKING LOT PERIMETER LANDSCAPING
 BUILDING SITE SQ. FT. = 37,122
 REQ'D 7.5' MIN. WIDTH
 PROVIDED WIDTH 9.5'
 REQ'D 1 CANOPY TREE AND 10 SHRUBS/35 LINEAR FT.
 PROVIDED 1+ CANOPY TREES AND 10+ SHRUBS/35 LINEAR FT.

PLANT UNIT CALCULATION- SECTION 108-347(c & d)
 SEMINARY STREET BUFFERYARD- 453 LF TYPE (B) 5' WIDTH
 REQ'D:
 453 LF OF BUFFER / 100= 4.53 X 40 PLANT POINTS= 181.2 PLANT POINTS
 PROVIDED:
 14 CANOPY TREES @ 10 POINTS= 140 POINTS
 10 UNDERSTORY TREES @ 5 POINTS= 50 POINTS
 60 SHRUBS @ 1 POINT= 60 POINTS
 GRAND TOTAL BUFFERYARD POINTS: PROVIDED: 250 POINTS

SEMINARY STREET (HMDR) 453 L. FT. BUFFERYARD TYPE (B) 5' WIDTH REQ'D:
 3 CANOPY TREES/100 LF = 14 TREES
 1 UNDERSTORY TREES/100 LF = 5 TREES
 10 SHRUBS/100 LF = 46 SHRUBS
 PROVIDED:
 14 CANOPY TREES, 3" DBH, 12' HT. MIN.
 10 UNDERSTORY TREES, 5' HT. MIN.
 60+ SHRUBS, 36" HT. MIN.

WHITE STREET (HMDR) 187 LINEAR FT. BUFFERYARD TYPE (B) 5' WIDTH REQ'D:
 3 CANOPY TREES/100 LF = 5 TREES
 1 UNDERSTORY TREES/100 LF = 2 TREES
 10 SHRUBS/100 LF = 15 SHRUBS
 PROVIDED:
 5 CANOPY TREES, 3" DBH, 12' HT. MIN.
 6 UNDERSTORY TREES, 5' HT. MIN.
 60+ SHRUBS, 36" HT. MIN.

SHEET NOTES:
 1. SEE PLANTING PLANS AND PLANT LIST FOR ALL PLANTING DESIGN AND PLANT SPECIFICATIONS.

FINAL TREE COMMISSION SUBMITTAL

KEY WEST CITY HALL
 AT GLYNN ARCHER
 1300 WHITE STREET
 CITY OF KEY WEST
 KEY WEST, FLORIDA



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 ARCHITECTS
 p.a.

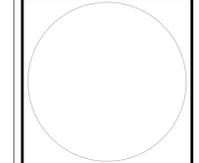
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 SITE LANDSCAPE
 PLAN- CODE
 COMPLIANCE
 Date: 03/28/14

L-50



REVISIONS:
1. 01/28/2014 REVISED PER DRG REVIEW

FINAL TREE COMMISSION SUBMITTAL
**KEY WEST CITY HALL
 AT GLYNN ARCHER**
 1300 WHITE STREET KEY WEST, FLORIDA
 CITY OF KEY WEST



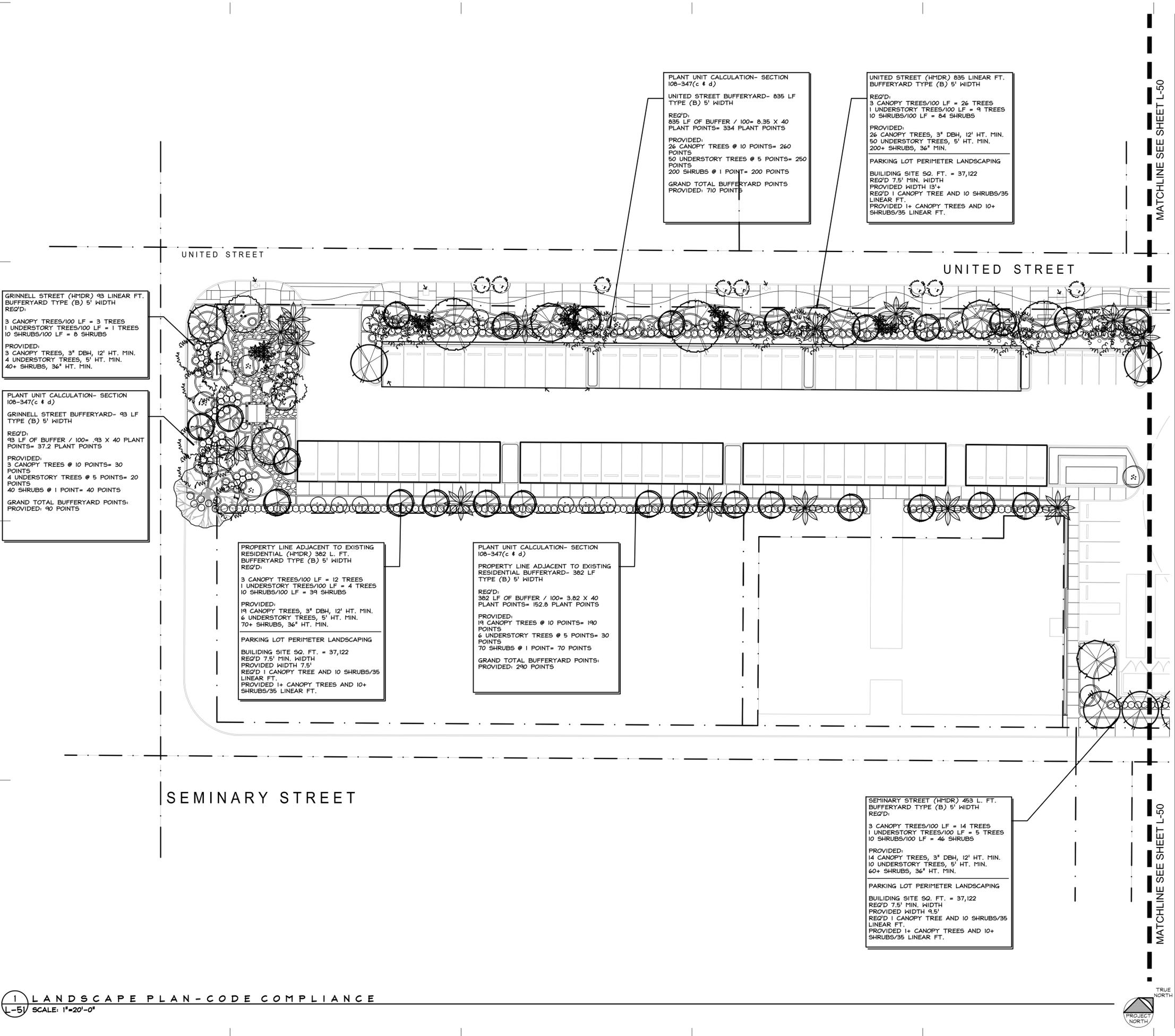
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Project No: 1305
 LANDSCAPE
 PLAN - CODE
 COMPLIANCE
 Date: 03/28/14

L-51

SHEET NOTES:
 1. SEE PLANTING PLANS AND PLANT LIST FOR ALL PLANTING DESIGN AND PLANT SPECIFICATIONS.



1 LANDSCAPE PLAN - CODE COMPLIANCE
 L-51 SCALE: 1"=20'-0"



MATCHLINE SEE SHEET L-50

MATCHLINE SEE SHEET L-50

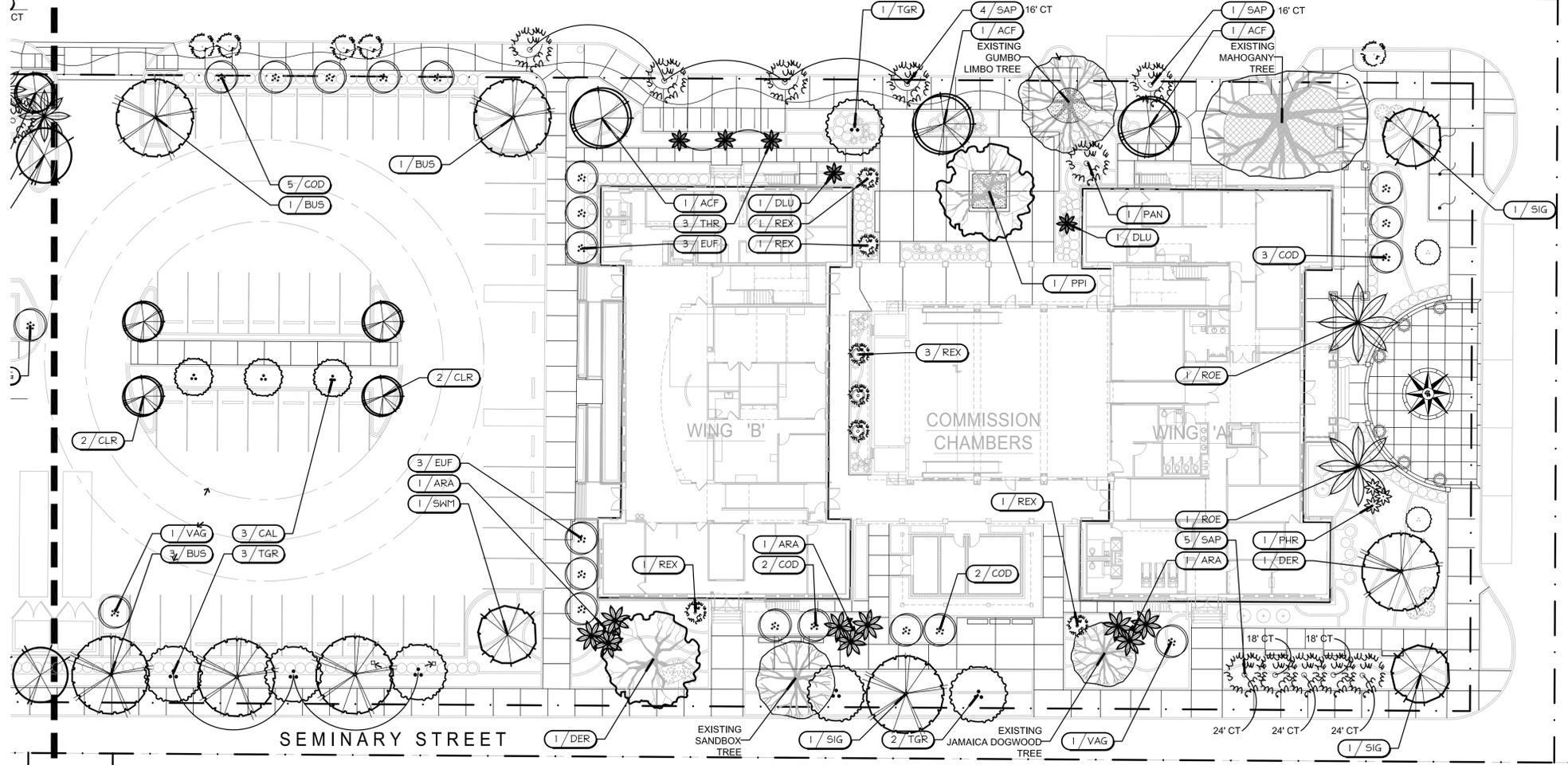
MATCHLINE SEE SHEET L-53

MATCHLINE SEE SHEET L-53

WHALTON ST.

C/L UNITED STREET

SEMINARY STREET



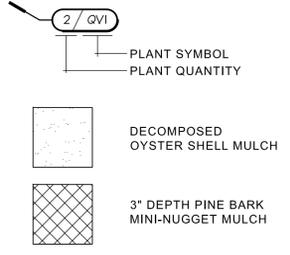
SHEET NOTES:

1. SEE PLANTING PLANS AND PLANT LIST FOR ALL PLANT SPECIFICATIONS.
2. ALL TREES SPECIFIED ON THIS PROJECT ARE OF DROUGHT TOLERANT SPECIES.
3. ROOT BARRIER CONTROL TO BE PROVIDED FOR ALL CANOPY TREES LOCATED WITHIN LANDSCAPE ISLANDS AND ALL CANOPY TREES LOCATED WITHIN 5'-0" OF ALL HARDSCAPE FLATWORK.

DEEPROOT ROOT BARRIER SYSTEM
 MODEL: UB 36-2
 www.deeproot.com

*OR APPROVED EQUAL

SYMBOLS LEGEND



FINAL TREE COMMISSION SUBMITTAL

**KEY WEST CITY HALL
 AT GLYNN ARCHER**
 1300 WHITE STREET
 CITY OF KEY WEST

LANDSCAPE ARCHITECT
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Project No: 1305
 SITE LANDSCAPE
 PLAN - TREES
 Date: 03/28/14

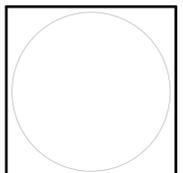
L-52



REVISIONS:
1. 01/28/2014 REVISED PER DRG REVIEW

FINAL TREE COMMISSION SUBMITTAL

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Project No: 1305
LANDSCAPE
PLAN - TREES
Date: 03/28/14

L-53

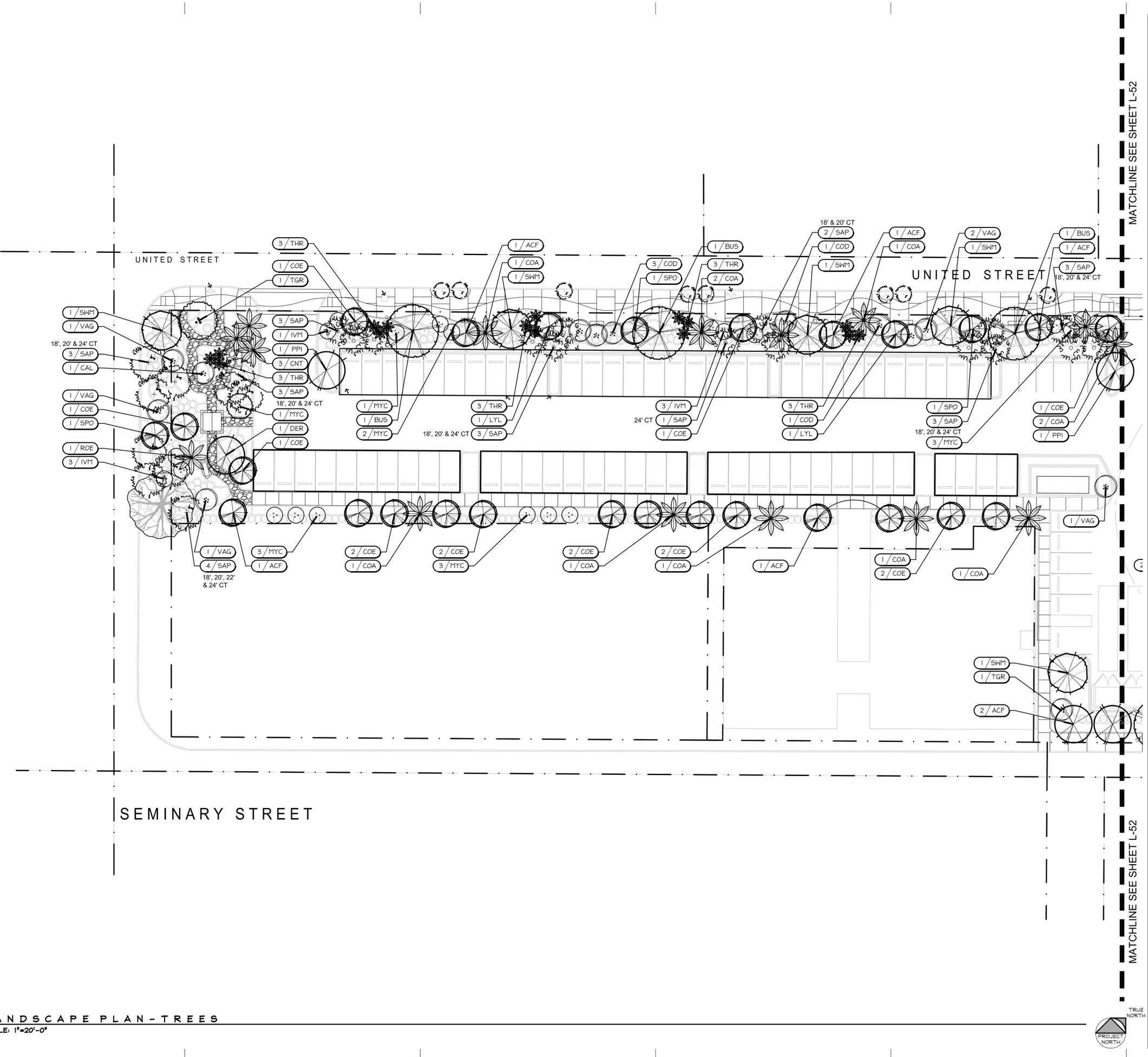
SHEET NOTES:
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DEEPROOT ROOT BARRIER SYSTEM
MODEL: UB 36-2
www.deeproot.com

*OR APPROVED EQUAL

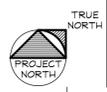
SYMBOLS LEGEND

- 2 / QVI
PLANT SYMBOL
PLANT QUANTITY
- DECOMPOSED OYSTER SHELL MULCH
- 3" DEPTH PINE BARK MINI-NUGGET MULCH



MATCHLINE SEE SHEET L-52

MATCHLINE SEE SHEET L-52



MATCHLINE SEE SHEET L-55

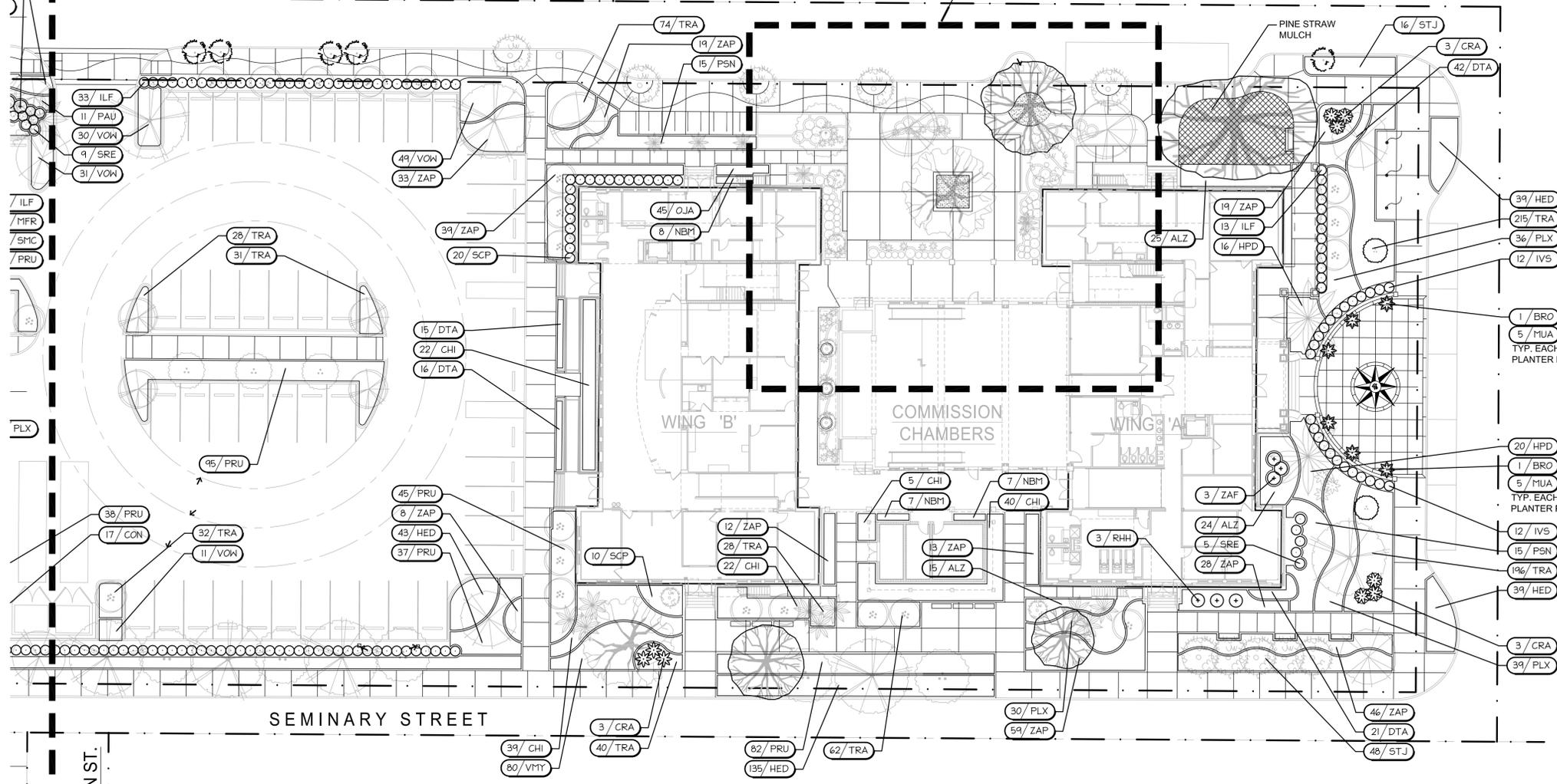
MATCHLINE SEE SHEET L-55

WHALTON ST.

C/L UNITED STREET

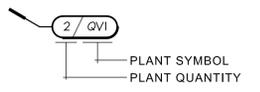
SEMINARY STREET

2 WEST ENTRY PROMENADE L-56



SHEET NOTES:
 1. SEE PLANT LIST FOR ALL PLANT SPECIFICATIONS.

SYMBOLS LEGEND



FINAL TREE COMMISSION SUBMITTAL

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Project No: 1305
 SITE LANDSCAPE
 PLAN - SHRUBS
 Date: 03/28/14

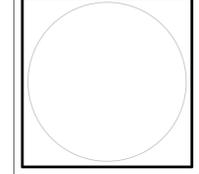
L-54

1 LANDSCAPE PLAN - SHRUBS
 L-54 SCALE: 1"=20'-0"



REVISIONS:
1. 01/28/2014 REVISED PER DRC REVIEW

FINAL TREE COMMISSION SUBMITTAL
**KEY WEST CITY HALL
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 CITY OF KEY WEST



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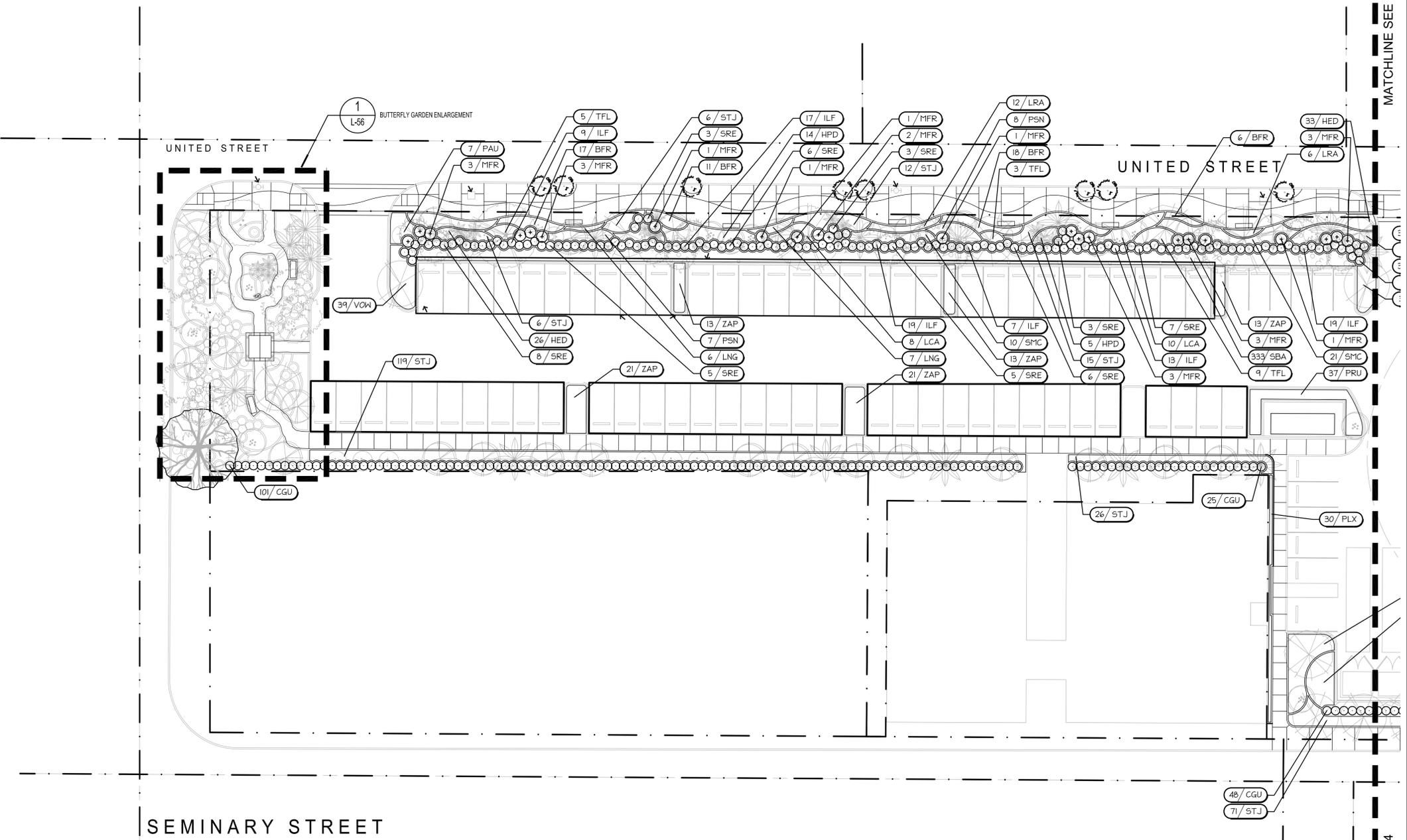
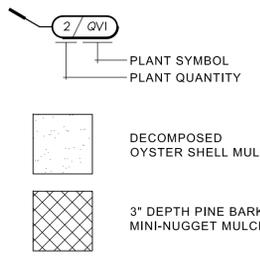
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Project No: 1305
 LANDSCAPE
 PLAN - SHRUBS
 Date: 03/28/14

L-55

SHEET NOTES:
 1. SEE PLANT LIST FOR ALL PLANT SPECIFICATIONS.

SYMBOLS LEGEND



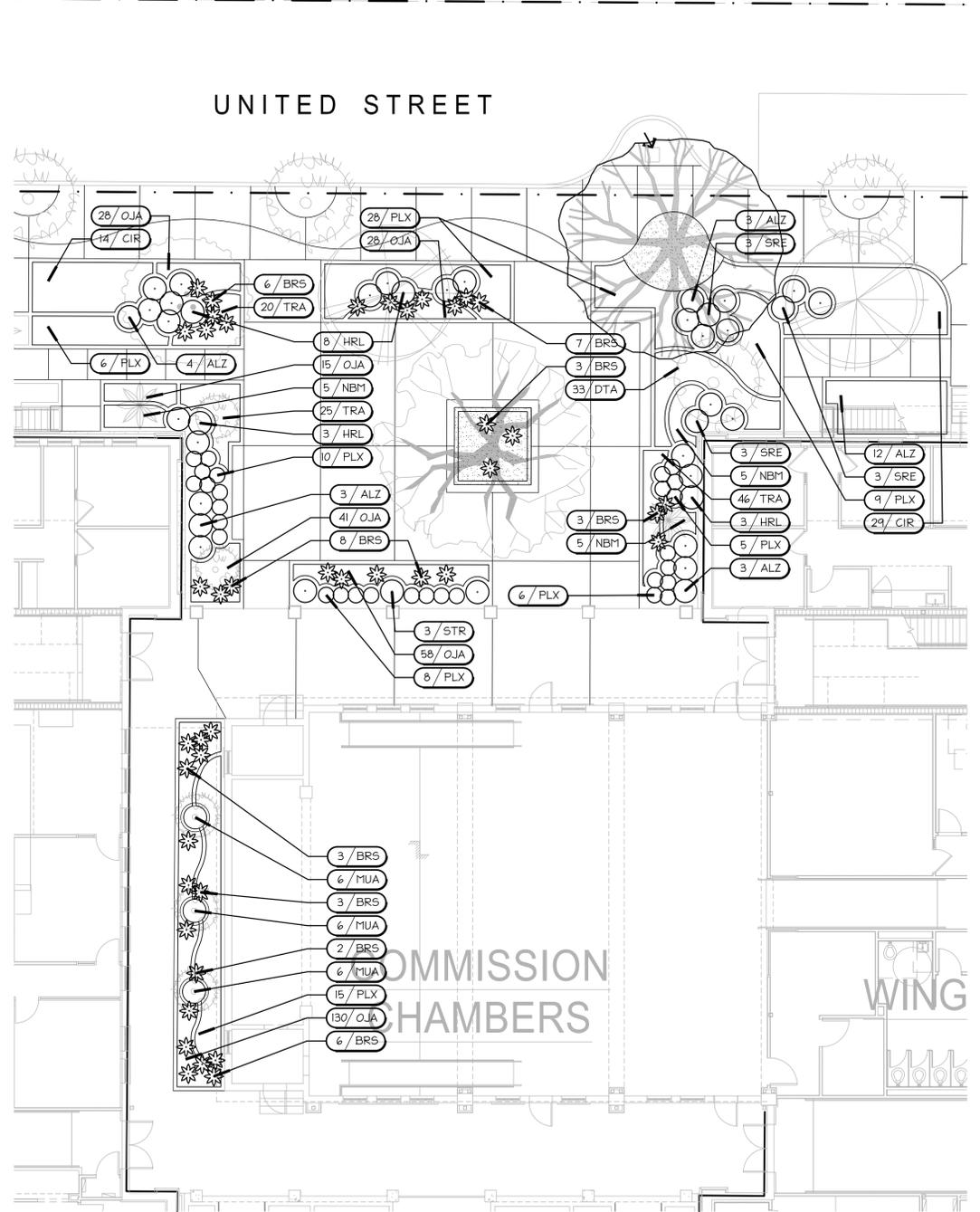
SHEET NOTES:
 1. SEE PLANT LIST AND NOTES FOR ALL PLANT SPECIFICATIONS.

SYMBOLS LEGEND

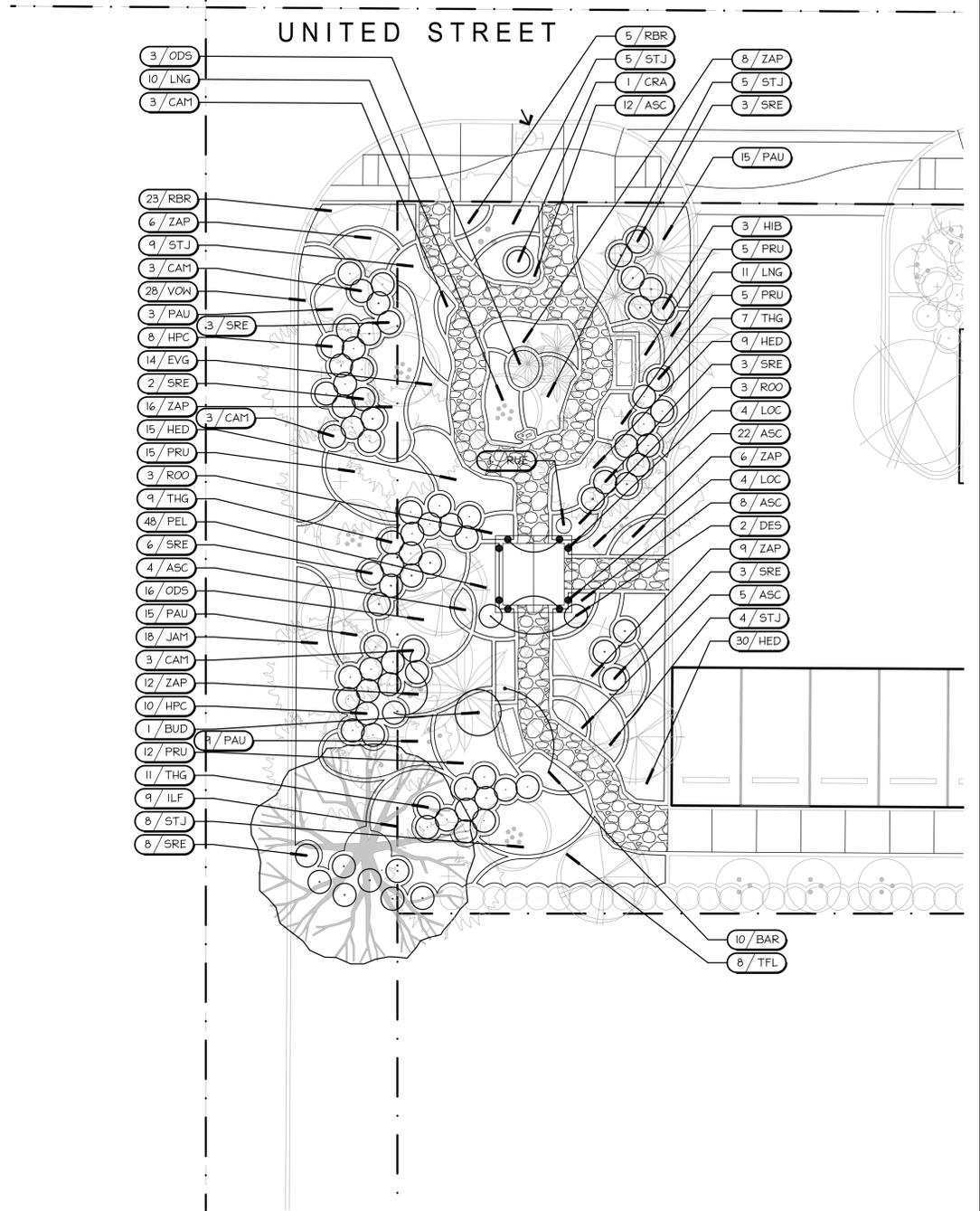
2 / QVI
 PLANT SYMBOL
 PLANT QUANTITY

DECOMPOSED OYSTER SHELL MULCH

3" DEPTH PINE BARK MINI-NUGGET MULCH



2 LANDSCAPE PLAN- WEST ENTRY PROMENADE ENLARGEMENT
 L-56 SCALE: 1"=10'-0"



1 LANDSCAPE PLAN- BUTTERFLY GARDEN ENLARGEMENT
 L-56 SCALE: 1"=10'-0"

FINAL TREE COMMISSION SUBMITTAL

KEY WEST CITY HALL
 AT GLYNN ARCHER
 1300 WHITE STREET KEY WEST, FLORIDA
 CITY OF KEY WEST

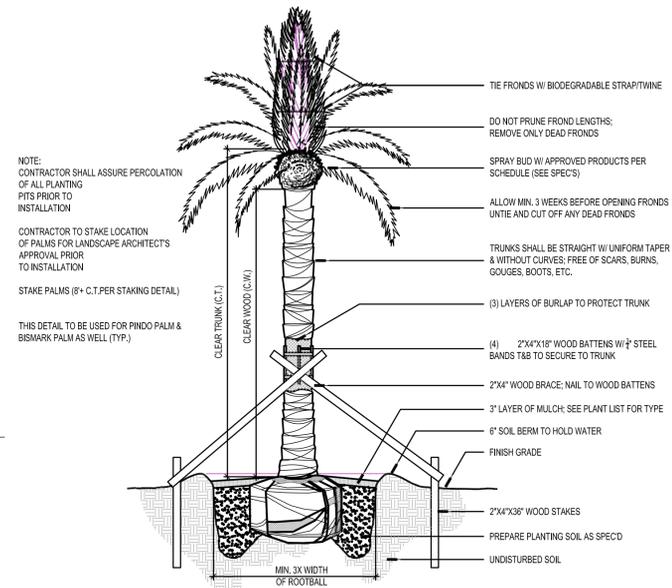
LANDSCAPE ARCHITECT
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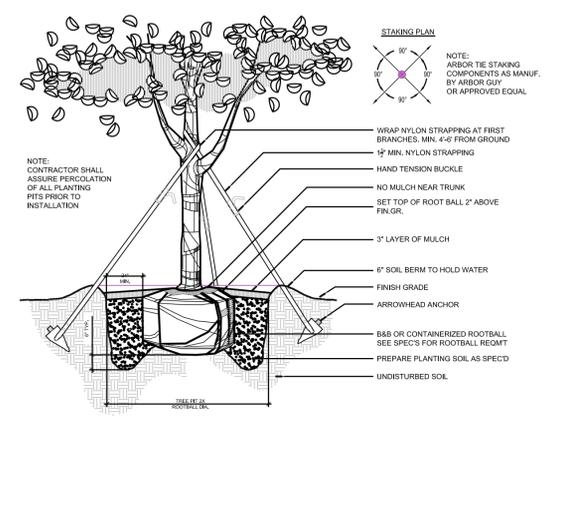
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Project No: 1305
 LANDSCAPE
 PLAN
 ENLARGEMENTS
 Date: 03/28/14

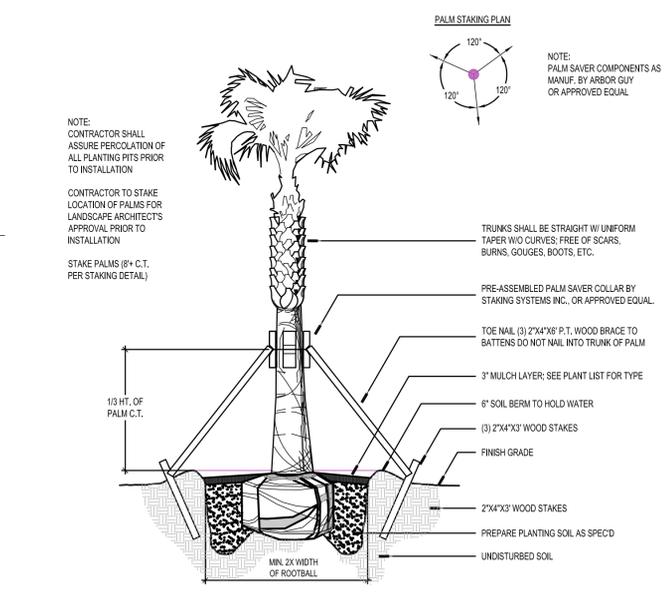
L-56



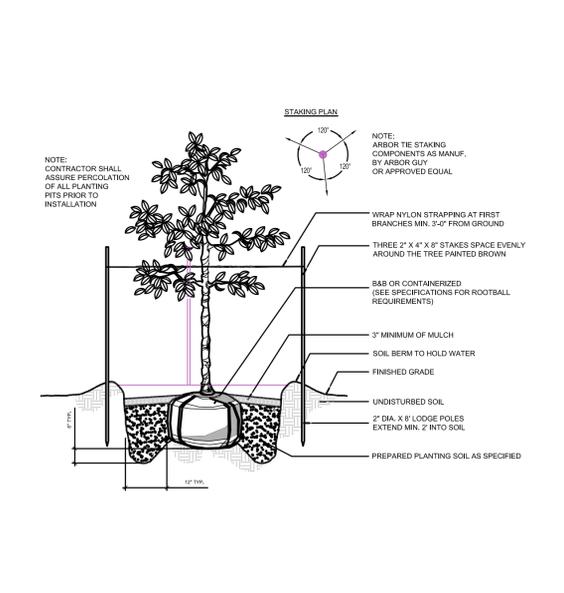
SPECIMEN PLANTING DETAIL
SCALE: N.T.S.



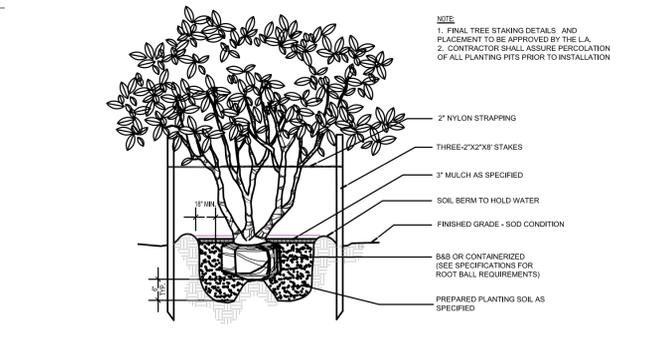
LARGE CANOPY PLANTING DETAIL
SCALE: N.T.S.



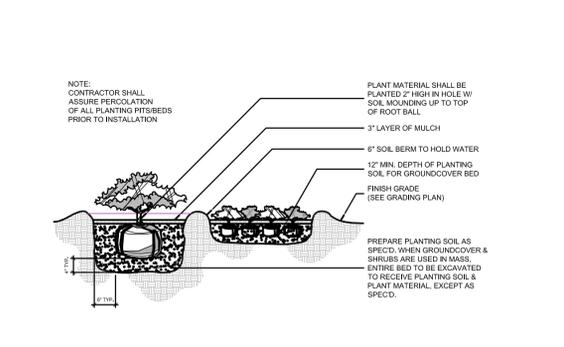
SABAL PALM PLANTING DETAIL
SCALE: N.T.S.



SMALL CANOPY TREE PLANTING DETAIL
SCALE: N.T.S.

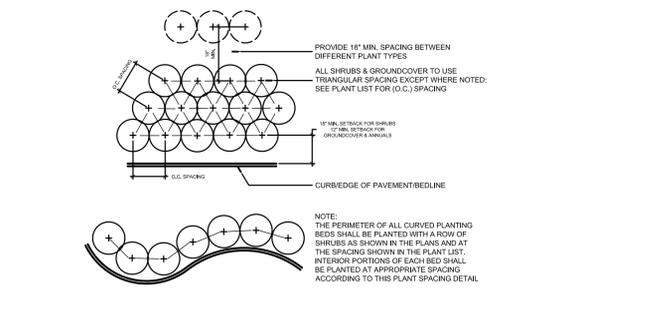


MULTI-TRUNK TREE PLANTING DETAIL
SCALE: N.T.S.



SHRUB & GROUNDCOVER PLANTING DETAIL
SCALE: N.T.S.

Zone	Symbol	Botanical Name	Common Name	Specification
Butterfly Garden	ACH	Acalypha hispida	Chenille Plant	3 Gal. Full in Pot, 48" O.C.
	ASC	Asclepias species	Milkweed	1 Gal. Full in Pot, 18" O.C.
	BAR	Baileya Reptans	Coast Creeper	1 Gal. Full in Pot, 24" O.C.
	BUD	Buddleia davidii	Butterfly Bush	5-7 Ht. X 4-5 Spd., Full, 3-4' C.T.
	CAL	Callistemon citrinus	Red Bottlebrush	45 Gal., 6'-8" Ht. X 4'-5" Spd.
	CAM	Callicarpa americana	American Beauty Berry	7 Gal., 3-4 Stem, Full in Pot
	CNT	Coccoloba nucifera	Coconut Palm	3-4' Spd.
	COE	Conocarpus erectus var. sericeus	Silver Buttonwood	25 Gal., 6'-10" Ht., 4" C.T., Min.
	CRA	Croton asiaticum	Croton Lily	15 Gal., Specimen
	DES	Duranta erecta	Golden Dewdrop	7 Gal., Standard Form
	DER	Delonix regia	Royal Poinciana	15-18 Ht., Specimen
	EVG	Evolvulus glomeratus	Blue Daze	1 Gal., Full in Pot, 18" O.C.
	HED	Helianthus debilis	Beach Sunflower	1 Gal., Full in Pot, 24" O.C.
	HE	Hibiscus 'Bilifant'	Hibiscus	7 Gal., 28"-30" Ht. X 24" Spd., Full
	HPC	Hamelia patens 'Compacta'	Firebush	3 Gal., 18"-24" Ht. X 15"-18" Spd., 36" O.C.
	ILF	Illicium fordanum	Florida Anise	3 Gal., 24"-28" Ht. X 20"-24" Spd., 36" O.C.
	IWM	Ilex vomitoria	Yaupon Holly	30 Gal., 6'-7" Ht. X 4'-5" Spd., Multi
	JAM	Jasminum multiflorum	Doany Jasmine	3 Gal., Full in Pot, 48" O.C.
	JAS	Jatropha integrinra	Jatropha	25 Gal., 6'-7" Ht.
	LNG	Lantana 'New Gold'	Gold Mound Lantana	1 Gal., Full in Pot, 24" O.C.
	LOC	Lonicera ciliosa	Orange Honeysuckle	3 Gal., 5-6 Runners, On Trellis
	MYC	Myrica cerifera	Wax Myrtle	15 Gal., 5'-6" Ht. X 3'-4" Spd., 3-4 Canes, Min.
	ODS	Odontonia strictum	Red Firespike	3 Gal., Full in Pot, 30" O.C.
	PAU	Plumbago auriculata	Blue Plumbago	3 Gal., Full in Pot, 36" O.C.
PEL	Pentas lanceolata	Pentas	1 Gal., Full in Pot, 12" O.C.	
PRU	Fernisium setaceum 'Rubrum'	Red Fountain Grass	3 Gal., Full in Pot, 30" O.C.	
RBR	Ruellia brittonia	Mexican Bluebells	1 Gal., Full in Pot, 18" O.C.	
ROE	Roystonia elata	Florida Royal Palm	22 G.W., Specimen, Matched	
ROD	Rosmarinus officinalis	Rosemary	1 Gal., Full in Pot, 24" O.C.	
RUE	Russaia equisetiformis	Firecracker	1 Gal., Full in Pot, 18" O.C.	
SAP	Sabal palmetto	Sabal Palm	See Plan for C.T.s.	
SPO	Senna polyphylla	Desert Cassia	25 Gal., 5'-6" Ht. X 3'-4" Spd.	
SRE	Serenia repens 'Silver-form'	Saw Palmetto	7 Gal., 28"-30" Ht. X 24"-28" Spd.	
STJ	Stachytarpea jamaicensis	Porter Weed	3 Gal., Full in Pot, 36" O.C.	
SWM	Swietenia mahogani	Mahogany	45 Gal., 2" DBH, 12-14 Ht. X 7'-8" Spd., Min.	
THG	Thryallis glauca	Thyallia	3 Gal., 24"-28" Ht. X 20"-24" Spd., 48" O.C.	
THR	Thrinax radiata	Florida Thatch Palm	12-14 Ht., O.A., F.G.	
TFL	Tripsacum fordanum	Florida Gama Grass	3 Gal., Full in Pot, 30" O.C.	
VAG	Vitex agrus-castus	Vitex Chasee Tree	30 Gal., 6'-7" Ht. X 4'-5" Spd., Multi	
VOV	Viburnum obtatum 'Whorled Class'	Whorled Class Viburnum	7 Gal., 24"-28" Ht. X 20"-24" Spd., 36" O.C.	
ZAP	Zamia pumila	Coontie Palm	3 Gal., Full in Pot, 30" O.C.	
Common Trees/Palms				
ACF	Acacia farnesiana	Sweet Acacia	3" DBH, 12-14 Ht. X 5'-6" Spd., Min.	
ARA	Aschotopoeia alexandria	area Palm	10-12 O.A. Ht., Triple Trunk	
BUS	Bursaria sinuata	Gumbo Limbo	3" DBH, 12-14 Ht. X 6'-7" Spd.	
CAL	Callistemon citrinus	Red Bottlebrush	45 Gal., 6'-8" Ht. X 4'-5" Spd.	
CLR	Clusia Rosea	Pitch Apple	3" DBH, 12-14 Ht. X 5'-6" Spd.	
COA	Coccoloba argentea	Florida Silver Palm	6-8 O.A. Ht.	
COO	Coccoloba diversifolia	Pigeon Plum	3" DBH, 12-14 Ht. X 7'-8" Spd.	
COE	Conocarpus erectus var. sericeus	Silver Buttonwood	3" DBH, 12-14 Ht., 5" C.T., Min.	
DER	Delonix regia	Royal Poinciana	15-18 Ht., Specimen	
DLU	Dyplsis lutescens	Area Palm	8-10" Ht., 5-5 Trunks, Minimum	
EUF	Eugenia foetida	Spanish Stopper	15 Gal., 5'-6" Ht., Matched	
IWM	Ilex vomitoria	Yaupon Holly	15 Gal., 6'-8" Ht. X 3'-4" Spd., 3 Trunks, Min.	
LYL	Lycium latifolium	Wild Tamarind	3" DBH, 12-14 Ht. X 5'-6" Spd., Min.	
PAN	Pandanus utilis	Sweepvine	7-8 O.A. Ht., Specimen	
PHR	Phoenix roebelenii	Pygmy Date Palm	5-6 Ht., 3 Trunks, Specimen	
PPF	Phacelia gispicua	Jamaica Dogwood	3" DBH, 12-14 Ht. X 5'-6" Spd., Min.	
REX	Rhapis excelsa	Lady Palm	15 Gal., 7-8 Trunks, Minimum	
ROE	Roystonia elata	Florida Royal Palm	22 G.W., Specimen, Matched	
SAP	Sabal Palmetto	Sabal Palm	C.T. Ht. Vary, See Plan	
SID	Simarouba glauca	Paradise Tree	3" DBH, 12-14 Ht. X 5'-6" Spd., Min.	
SPO	Senna polyphylla	Desert Cassia	3" DBH, 12-14 Ht. X 5'-6" Spd., Min.	
SWM	Swietenia mahogani	Mahogany	3" DBH, 12-14 Ht. X 7'-8" Spd., Min.	
TGR	Tibouchina granulosa	Tibouchina Tree	30 Gal., 6'-7" O.A.	
THR	Thrinax radiata	Florida Thatch Palm	12-14 Ht., O.A., F.G.	
VAG	Vitex agrus-castus	Vitex Chasee Tree	30 Gal., 6'-7" Ht. X 4'-5" Spd., Multi	
Shrubs/Groundcover				
ALZ	Alpinia zerumbet 'Variegata' Y	Variegated Ginger	3 Gal., Full in Pot, 36" O.C.	
BFR	Borrichia rufescens	Sea Ox Eye	1 Gal., Full in Pot, 24" O.C.	
BRO	Boronia imperialis	Imperial Bromeliad	15"-18" Ht., Specimen, To Be Selected by LA	
BRS	Neonella chinensis	China Verde Bromeliad	8" Flat	
CAM	Callicarpa americana	American Beauty Berry	7 Gal., 3-4 Stem, Full in Pot	
CGU	Clusia guttata	Small Leaf Clusia	7 Gal., 36" Ht., 36" O.C.	
CHI	Chrysobalanus icaco 'Red Tip'	Coopolum	3 Gal., 20"-24" Ht., Full, 36" O.C.	
COH	Conocarpus erectus	Silver Buttonwood	7 Gal., 36" Ht., 36" O.C.	
CRA	Croton asiaticum	Croton Lily	15 Gal., Specimen	
DTA	Dianella tasmanica	Blueberry Flax	1 Gal., Full in Pot, 18" O.C.	
ERH	Erythrina herbacea	Coral Bean	7 Gal., 28"-30" Ht. X 24"-28" Spd.	
HED	Helianthus debilis	Dune Sunflower	1 Gal., Full in Pot, 18" O.C.	
HPC	Hamelia patens Duraf	Dwf. Firebush	7 Gal., 36" Ht., 36" O.C.	
HRL	Heliconia rostrata 'Lobster Claw'	Heliconia	3 Gal., Full in Pot, 36" O.C.	
ILF	Illicium fordanum	Florida Anise	36" Ht. X 24"-28" Spd., Min.	
IVS	Ilex vomitoria 'Schellings'	Dwf. Yaupon Holly	3 Gal., 18"-24" Ht., Full, 36" O.C.	
LCA	Lantana camara	Wild Lantana	3 Gal., 18"-24" Ht., Full, 36" O.C.	
LNG	Lantana 'New Gold'	Gold Mound Lantana	1 Gal., Full in Pot, 24" O.C.	
LRA	Lycoris radiata	Spider Lily	1 Gal., Full in Pot, 24" O.C.	
MFR	Mycianthus fragrans	Simpson's Stopper	25 Gal., 6'-7" Ht. X 3'-4" Spd., 3-5 Trunks	
MUA	Muehlenbeckia axillaris	Creeping Wire Vine	4" Pot	
NBM	Nepenthes bicalcarata 'Macho'	Macho Fern	3 Gal., Full in Pot, 30" O.C.	
OJA	Ophiopogon japonicus	Mondo Grass	1 Gal., Full in Pot, 12" O.C.	
PAU	Plumbago auriculata	Blue Plumbago	3 Gal., Full in Pot, 36" O.C.	
PLX	Phlodiendron xanadu	Xanadu Phlodiendron	3 Gal., 15"-18" Ht., Full, 36" O.C.	
PRU	Fernisium setaceum 'Rubium'	Red Fountain Grass	3 Gal., Full in Pot, 30" O.C.	
PSN	Psychotria nerosa	Wild Coffee	3 Gal., 24"-28" Ht. X 20"-24" Spd., 36" O.C.	
RHH	Rhapidophyllum hystrix	Needle Palm	15 Gal., 30"-36" Ht., Full	
RUE	Russaia equisetiformis	Firecracker	1 Gal., Full in Pot, 18" O.C.	
SBA	Spartina bakeri	Sand Cordgrass	3 Gal., Full in Pot, 24" O.C.	
SCP	Scaevola plumieri	Ikoberry	3 Gal., 18"-24" Ht., Full, 36" O.C.	
SMC	Senna mexicana chapmani	Bahama Cassia	3 Gal., 15"-18" Ht., Full, 36" O.C.	
SRE	Serenia repens 'Silver-form'	Saw Palmetto	7 Gal., 28"-30" Ht. X 24"-28" Spd.	
STJ	Stachytarpea jamaicensis	Porter Weed	3 Gal., Full in Pot, 36" O.C.	
TFL	Tripsacum fordanum	Florida Gama Grass	3 Gal., Full in Pot, 30" O.C.	
THG	Thryallis glauca	Thyallia	3 Gal., 24"-28" Ht. X 20"-24" Spd., 48" O.C.	
TRA	Trachelospermum asiaticum	Asiatic Jasmine	1 Gal., 5-6 Runners per Pot, Min., 18" O.C.	
VMY	Vaccinium myrsinties	Shiny Blueberry	7 Gal., Full, 42" O.C.	
VOV	Viburnum obtatum 'Whorled Class'	Whorled Class Viburnum	7 Gal., 24"-28" Ht. X 20"-24" Spd., 36" O.C.	
YUF	Yucca filamentosa	Adam's Needle	3 Gal., 28"-30" Ht., Full	
ZAF	Zamia furfuracea	Caribbean Palm	7 Gal., Full, 42" O.C.	
ZAP	Zamia pumila	Coontie Palm	3 Gal., Full in Pot, 36" O.C.	

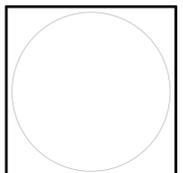


SHRUB & GROUNDCOVER SPACING DETAIL
SCALE: N.T.S.

- SHEET NOTES:**
- NEWLY INSTALLED "SHADE" TREES SHALL HAVE THEIR CALIPER MEASURED 6" ABOVE THE TOP OF THE ROOT BALL. ALL NEWLY INSTALLED "UNDERSTORY" TREES SHALL HAVE THEIR D.B.H. MEASURED 54" ABOVE THE TOP OF THE ROOT BALL.
 - ALL PLANT MATERIAL SHALL MEET OR EXCEED THE STANDARDS OF FLORIDA NO 1 AS GIVEN IN "GRADES AND STANDARDS FOR NURSERY PLANTS 1998," STATE OF FLORIDA, DEPARTMENT OF AGRICULTURE, TALLAHASSEE, AND ANY AMENDMENTS THERE TO.
 - THE LANDSCAPE ARCHITECT OR OWNER MAY REJECT ANY PLANT MATERIAL BROUGHT TO THE SITE WHICH HE DEEMS TO BE OF INFERIOR QUALITY OR APPEARANCE.
 - ALL PLANT BEDS SHALL BE TOP DRESSED WITH A MINIMUM OF 3" DEPTH PINE BARK MULCH OR MULCH AS SPECIFIED ON PLAN. MAINTAIN A 4" CLEAR SPACE BETWEEN MULCH AND THE PLANT STEM.
 - ALL TREES SHALL HAVE ALL SYNTHETIC BURLAP REMOVED FROM THE ENTIRE ROOT BALL. JUTE BURLAP SHALL BE REMOVED FROM THE TOP ONE-THIRD OF THE ROOT BALL. THE TOP THREE ROWS OF SQUARES ON ALL CAGES AROUND THE ROOT BALLS SHALL BE CLIPPED OFF AND REMOVED.
 - THE CONTRACTOR SHALL READ AND ADHERE TO ALL WRITTEN SPECIFICATIONS. THESE DOCUMENTS ARE ACCOMPANIED BY 8 1/2 X 11 SPECIFICATIONS.
 - THE CONTRACTOR SHALL VISUALLY INSPECT THE SOILS CONDITION OF THE SITE. HE SHALL DIG A MINIMUM OF 12 TEST HOLES 3 FOOT DEEP RANDOMLY AROUND THE SITE. HE SHALL PERFORM PERCOLATION TESTS IN THESE HOLES FOR A PERIOD OF ONE HOUR EACH. THE HOLES SHALL BE FILLED WITH WATER AND IF THE HOLES HOLD MORE THAN 6" OF WATER AFTER ONE HOUR, THE LANDSCAPE ARCHITECT SHOULD BE NOTIFIED OF THE PROBLEM. THE CONTRACTOR SHALL RECOMMEND SUBSTITUTIONS OF PLANT MATERIAL AND PLANTING INSTALLATION TO ACCOMMODATE POOR DRAINING SOILS.
 - THE CONTRACTOR SHALL PROVIDE A SOIL TEST IN FOUR LOCATIONS AND PROVIDE RECOMMENDATIONS FOR AMENDMENTS BASED ON THE RESULTS. IMPROPER SOIL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL RECTIFY ALL INCURRED DAMAGES AT NO ADDITIONAL COST TO THE OWNER.
 - THE CONTRACTOR SHALL REVIEW THE SOILS REPORT ON FILE WITH THE OWNER.
 - THE INSTALLATION OF PLANT MATERIAL SHALL BE VIEWED AS ACCEPTANCE BY THE CONTRACTOR OF EXISTING GRADES AS GIVEN TO HIM. THE CONTRACTOR SHALL PROVIDE TO THE LANDSCAPE ARCHITECT A WRITTEN LETTER OF ACCEPTABILITY OF GRADES. FAILURE TO DO SO WILL BE VIEWED AS AN ACCEPTANCE OF EXISTING GRADES BY THE CONTRACTOR.
 - THE CONTRACTOR SHALL BERM ALL PARKING LOT ISLANDS 12" ABOVE TOP OF CURB ELEVATION WITHOUT EXCEEDING A 4:1 SLOPE (TYPICAL).
 - WHERE LIGHT POLES AND TREES BOTH OCCUR IN A PARKING LOT ISLANDS, THE TREE SHALL BE SPACED AN ADEQUATE DISTANCE FROM THE POLE.
 - THE CONTRACTOR WILL BE REQUIRED TO SAND AREAS OF SOD THAT ARE NOT SMOOTHLY APPLIED TO ELIMINATE SMALL IRREGULARITIES IN GRADES. LARGE IRREGULARITIES IN GRADE WILL REQUIRE REGRADING & RESODDING.
 - THE CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE OF THE SITE INCLUDING ALL MOWING, EDGING, TRIMMING, PRUNING & SPRAYING OF PESTICIDES & FUNGICIDES UNTIL THE TIME OF FINAL ACCEPTANCE BY THE OWNER.
 - THE CONTRACTOR SHALL REVIEW THE CIVIL ENGINEER'S UNDER-DRAIN PLAN TO AVOID CONFLICTS WHEN PLANTING ALL MATERIAL. REFER TO THE PLANTING DETAILS FOR SPECIFIC PLANTING DETAILS FOR TREES, SHRUBS & GROUNDCOVER. THE CONTRACTOR SHALL ADJUST THE IRRIGATION AS NECESSARY TO AVOID OVER WATERING OF PLANT MATERIAL DUE TO WET SITE CONDITIONS.

FINAL TREE COMMISSION SUBMITTAL

KEY WEST CITY HALL
AT GYNN ARCHER
1300 WHITE STREET
KEY WEST, FLORIDA
CITY OF KEY WEST



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Bender & Associates ARCHITECTS
Project No: 1305
PLANT PALETTE & PLANTING DETAILS
Date: 03/28/14

L-60

- EXISTING TREE PROTECTION IRRIGATION NOTES:
- EXERCISE CAUTION WHEN WORKING NEAR EXISTING TREES TO BE RETAINED. PLACE UNDERGROUND PIPING IN COMMON CORRIDORS WHENEVER POSSIBLE. AVOID PLACING UNDERGROUND UTILITIES WITHIN DRIP-LINE OF TREE AND WITHIN TREE PROTECTION BARRIERS. IN NO CASE SHALL TRENCHING OCCUR CLOSER THAN 10' FROM ANY TREE TRUNK PERIMETER.
 - TO THE GREATEST EXTENT POSSIBLE, UTILITY AND IRRIGATION LINES WITHIN THE DRIP-LINE SHALL BE TUNNELED RATHER THAN TRENCHED. DO NOT CUT ROOTS GREATER THAN 2" IN DIA. OPEN TRENCHING SHALL BE CLOSED AS SOON AS POSSIBLE, NOT LESS THAN 24 HOURS OF BEING OPENED, AND EXPOSED SOILS SHALL BE WATERED TO PREVENT FROM DRYING. ALL TRENCHES SHALL BE FILLED WITH CLEAN SOILS NATIVE TO THE SITE AND SHALL BE COMPACTED TO THE DENSITY OF THE SURROUNDING SOILS.
 - RETAIN THE EXISTING GRADE ELEVATION AROUND RETAINED TREES WITHIN THE DRIP-LINE. CONSTRUCT WALKWAYS ON TOP OF EXISTING GRADES WITHIN TREE DRIP-LINES WHENEVER POSSIBLE.

FINAL TREE COMMISSION SUBMITTAL

KEY WEST CITY HALL
AT GYNN ARCHER
1300 WHITE STREET
KEY WEST, FLORIDA
CITY OF KEY WEST

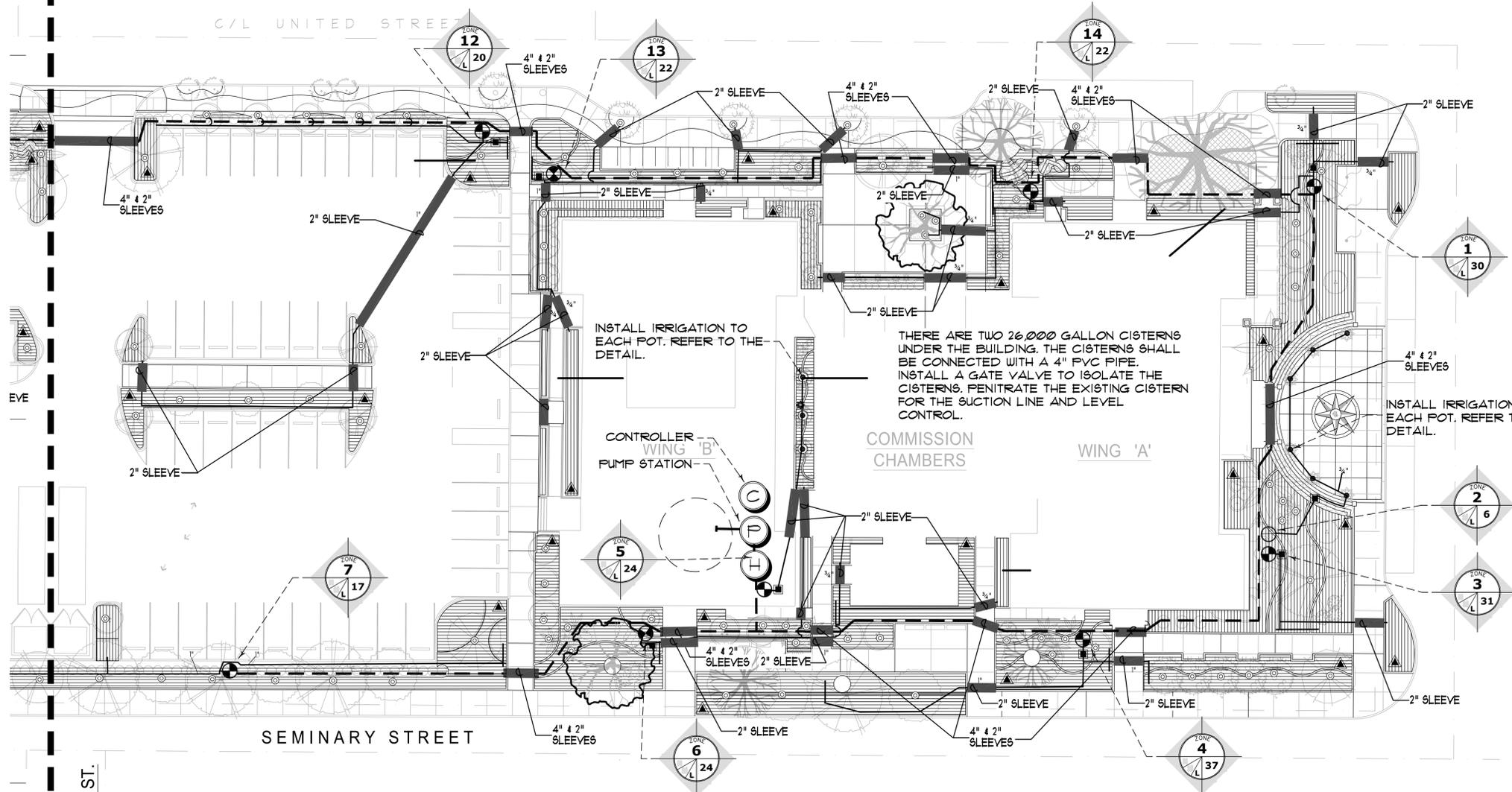


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ARCHITECTS
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Project No: 1305
IRRIGATION PLAN
Date: 03/28/14

L-70



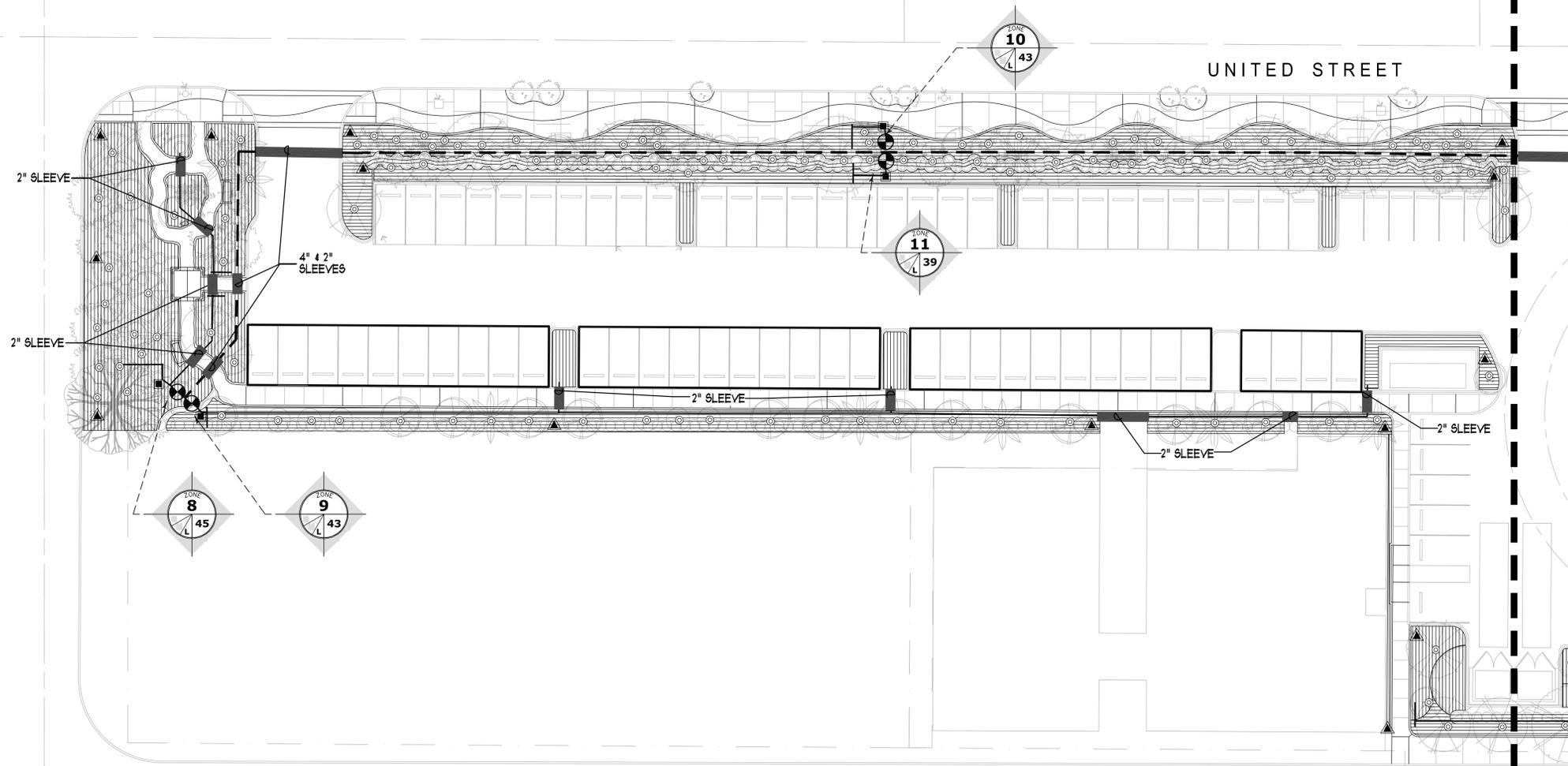
THERE ARE TWO 26,000 GALLON CISTERNS UNDER THE BUILDING. THE CISTERNS SHALL BE CONNECTED WITH A 4" PVC PIPE. INSTALL A GATE VALVE TO ISOLATE THE CISTERNS. PENETRATE THE EXISTING CISTERN FOR THE SUCTION LINE AND LEVEL CONTROL.

INSTALL IRRIGATION TO EACH POT. REFER TO THE DETAIL.

INSTALL IRRIGATION TO EACH POT. REFER TO THE DETAIL.

IRRIGATION PLAN
SCALE: 1"=20'-0"





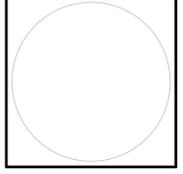
- EXISTING TREE PROTECTION IRRIGATION NOTES:**
- EXERCISE CAUTION WHEN WORKING NEAR EXISTING TREES TO BE RETAINED. PLACE UNDERGROUND PIPING IN COMMON CORRIDORS WHENEVER POSSIBLE. AVOID PLACING UNDERGROUND UTILITIES WITHIN DRIP-LINE OF TREE AND WITHIN TREE PROTECTION BARRIERS. IN NO CASE SHALL TRENCHING OCCUR CLOSER THAN 12' FROM ANY TREE TRUNK PERIMETER.
 - TO THE GREATEST EXTENT POSSIBLE, UTILITY AND IRRIGATION LINES WITHIN THE DRIP-LINE SHALL BE TUNNELED RATHER THAN TRENCHED. DO NOT CUT ROOTS GREATER THAN 2" IN DIA. OPEN TRENCHING SHALL BE CLOSED AS SOON AS POSSIBLE, NOT LESS THAN 24 HOURS OF BEING OPENED, AND EXPOSED SOILS SHALL BE WATERED TO PREVENT FROM DRYING. ALL TRENCHES SHALL BE FILLED WITH CLEAN SOILS NATIVE TO THE SITE AND SHALL BE COMPACTED TO THE DENSITY OF THE SURROUNDING SOILS.
 - RETAIN THE EXISTING GRADE ELEVATION AROUND RETAINED TREES WITHIN THE DRIP-LINE. CONSTRUCT WALKWAYS ON TOP OF EXISTING GRADES WITHIN TREE DRIP-LINES WHENEVER POSSIBLE.

MATCHLINE SEE SHEET L-70

MATCHLINE SEE SHEET L-70
WHALTON ST.



FINAL TREE COMMISSION SUBMITTAL
KEY WEST CITY HALL
AT GLYNN ARCHER
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Project No: 1305
IRRIGATION
PLAN
Date: 03/28/14

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LEGEND

●	POT IRRIGATION-REFER TO DETAIL
⊙	NETAFIM DRIP BUBBLER TREE RING- REFER TO DRIP BUBBLER DETAIL
■	NETAFIM FLAG INDICATOR- REFER TO THE DETAIL
▲	NETAFIM FLUSH VALVE
////	NETAFIM TECH-LINE CV 11MM DRIP TUBING- 1 GPH EMITTERS EVERY 12" FLANGE ROUS 12" APART IN ALL GROUND COVER BEDS. INSTALL A DOUBLE ROW ON ALL HEDGE ROUS. DRIP LINES ARE SHOWN PERPENDICULAR TO LANDSCAPE BEDS IN SOME AREAS FOR CLARITY PURPOSES ONLY. INSTALL DRIP TUBING ALONG THE LONGEST WIDTH OF THE PLANT BED. REFER TO ALL NOTES AND DETAILS ON THIS SHEET.
—	CLASS 200 PVC DRIP HEADER PIPE-REFER TO DETAIL
---	CLASS 200 PVC MAINLINE-1/2"
---	CLASS 200 PVC LATERAL LINE- SIZE AS SHOWN UNTIL A SMALLER SIZE IS SHOWN. MINIMUM SIZE OF 3/4"
—	SCH. 40 SLEEVE (MINIMUM OF 24" DEPTH AND 2 SIZES LARGER THAN THE PIPE SIZE OR AS LABELED ON THE PLAN)
⊕	HUNTER ICV ELECTRIC VALVE 1 1/2" OR SIZE AS SHOWN BELOW. INSTALL VALVE IN AN 11X11" VALVE BOX. Ø-24 GPM-1" 25-55 GPM-1 1/2" 56 AND HIGHER GPM-2"
⊕	HUNTER ZONE CONTROL KIT- REFER TO THE DETAIL.
⊙	CONTROLLER-BASELINE 3200 PEDESTAL MOUNT, WHERE SHOWN ON THE PLAN. INSTALL WITH 6 SOIL MOISTURE SENSORS AND HYDROMETER GROUND AS PER THE DETAIL AND MANUFACTURERS SPECIFICATIONS.
⊕	5 HP CENTRIFUGAL PUMP. THE WATER SUPPLY SHALL BE TWO 26000 CISTERNS.
⊕	BL-BMH 200 2" HYDROMETER REFER TO DETAIL. CONNECT TO THE BASELINE 3200 CONTROLLER.

EXISTING TREE PROTECTION IRRIGATION NOTES:

- EXERCISE CAUTION WHEN WORKING NEAR EXISTING TREES TO BE RETAINED. PLACE UNDERGROUND PIPING IN COMMON CORRIDORS WHENEVER POSSIBLE. AVOID PLACING UNDERGROUND UTILITIES WITHIN DRIP-LINE OF TREE AND WITHIN TREE PROTECTION BARRIERS. IN NO CASE SHALL TRENCHING OCCUR CLOSER THAN 10' FROM ANY TREE TRUNK PERIMETER.
- TO THE GREATEST EXTENT POSSIBLE UTILITY AND IRRIGATION LINES WITHIN THE DRIP-LINE SHALL BE TUNNELED RATHER THAN TRENCHED. DO NOT CUT ROOTS GREATER THAN 2" IN DIA. OPEN TRENCHING SHALL BE CLOSED AS SOON AS POSSIBLE, NOT LESS THAN 24 HOURS OF BEING OPENED, AND EXPOSED SOILS SHALL BE WATERED TO PREVENT DRYING. ALL TRENCHES SHALL BE FILLED WITH CLEAN SOILS NATIVE TO THE SITE AND SHALL BE COMPACTED TO THE DENSITY OF THE SURROUNDING SOILS.
- RETAIN THE EXISTING GRADE ELEVATION AROUND RETAINED TREES WITHIN THE DRIP-LINE. CONSTRUCT WALKWAYS ON TOP OF EXISTING GRADES WITHIN TREE DRIP-LINES WHENEVER POSSIBLE.

GENERAL NOTES

- REFER TO THE LANDSCAPE PLANS WHEN TRENCHING TO AVOID TREES AND SHRUBS. HAND DIG AROUND ANY EXISTING TREES. DO NOT CUT ANY ROOTS OVER 2" IN DIAMETER.
- ALL MAINLINE PIPING SHALL BE BURIED TO A MINIMUM DEPTH OF 18" OR COVER. ALL LATERAL PIPING SHALL BE BURIED TO A MINIMUM DEPTH OF 12" OR COVER.
- ALL POP-UP ROTORS AND SPRAYS SHALL BE INSTALLED USING AN 18" PVC FLEX PIPE CONNECTION. DO NOT USE POLYETHYLENE PIPE.
- ADJUST ALL NOZZLES TO REDUCE WATER WASTE ON HARD SURFACES (BLDG. WALLS, THROTTLE ALL VALVES ON SHRUB LINES AS REQUIRED TO PREVENT FOGGING. USE ADJUSTABLE NOZZLES WHERE REQUIRED TO AVOID ANY WATER ON BUILDINGS UNDOUBS).
- ALL RISERS SHALL BE PAINTED BLACK OR A COLOR CHOSEN BY THE OWNER'S REPRESENTATIVE (IF ALLOWED BY CODE) AND SHALL BE STAKED WITH A STEEL ANGLE AND SECURED WITH PVC ULTRAVIOLET LIGHT PROTECTED PVC CLAMPS. RECLAIMED SYSTEMS MAY REQUIRE THE PIPE TO BE PURPLE.
- ALL CONTROL WIRE SPLICES SHALL BE MADE IN VALVE BOXES USING 3" DCR-Y WIRE CONNECTORS AND SEALANT WITH WIRE NUTS.
- THE CONTRACTOR SHALL PREPARE AN AS-BUILT DRAWING SHOWING ALL IRRIGATION INSTALLATION. THE CONTRACTOR SHALL NEATLY MARK IN RED INK ON A WHITE BOND PAPER COPY OF THE IRRIGATION PLAN ANY INSTALLATION THAT DEVIATES FROM THE PLAN. THE AS-BUILT DRAWING SHALL ALSO LOCATE ALL MAINLINE AND VALVES BY SHOWING EXACT MEASUREMENTS FROM HARD SURFACES. MEASUREMENTS SHALL BE MARKED ON THE PLAN EVEN WHEN THE EQUIPMENT IS INSTALLED IN THE EXACT LOCATION AS THE PLAN.
- ALL VALVES, GATE VALVES AND QUICK COUPLERS SHALL BE INSTALLED IN VALVE BOXES. THE VALVE BOXES SHALL BE PURPLE WHEN USING RECLAIMED WATER.
- ANY PIPING SHOWN OUTSIDE THE PROPERTY LINE OR RUNNING OUTSIDE A LANDSCAPE AREA IS SHOWN THERE FOR CLARITY ONLY. ALL LINES SHALL BE INSTALLED ON THE PROPERTY AND INSIDE THE LANDSCAPE AREAS OR INSIDE A SCH. 40 SLEEVE.
- ALL HEADS SHALL BE INSTALLED A MINIMUM OF 24" FROM ANY WALL AND A MINIMUM OF 6" FROM ANY SIDEWALK, PATIO OR ROAD. (MINIMUM OF 2" WHERE THERE ARE NO BUMPER STOPS) THE EXACT HEIGHT OF ANY 12" POP-UP THAT IS SHOWN IN A SHRUB BED SHALL BE DETERMINED BY THE OWNER'S REPRESENTATIVE IN THE FIELD.
- THE CONTRACTOR SHALL EXERCISE CARE SO AS NOT TO DAMAGE ANY EXISTING UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE IMMEDIATE REPAIRS AND COST OF ANY DAMAGE CAUSED BY THEIR WORK.
- ALL WORK SHALL BE GUARANTEED FOR ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE AGAINST ALL DEFECTS IN EQUIPMENT AND WORKMANSHIP. (OR AS OUTLINED IN THE WRITTEN SPECIFICATIONS)
- ELECTRICAL SERVICE TO LOCATION OF THE CONTROLLER, WELL OR PUMP SHALL BE PROVIDED TO A JUNCTION BOX OR DISCONNECT ON THE EQUIPMENT LOCATION BY THE ELECTRICAL CONTRACTOR OR BY OWNER WHEN IT IS NOT PART OF THE BID PACKAGE. COVER THE LOCATION OF THE CONTROLLER WITH THE OWNER OR GENERAL CONTRACTOR BEFORE ANY INSTALLATION.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO SCALE THE PLAN AND CHECK NOZZLE TYPES TO DETERMINE THE CORRECT SPACING OF THE HEADS. THE CONTRACTOR SHALL NOT SPACE THE HEADS FURTHER APART OR USE LESS HEADS THAN SHOWN ON THE PLAN. ANY CHANGES TO THE HEAD SPACING OR LAYOUT WITHOUT THE LANDSCAPE ARCHITECT OR OWNER SHALL HOLD THE IRRIGATION CONTRACTOR RESPONSIBLE FOR WARRANTY OF THE PLANTS AND OR SOIL IN THESE AREAS.
- 48 HOURS BEFORE DIGGING, CALL 1-800-452-4710 (SUNSHINE STATE ONE CALL CENTER)

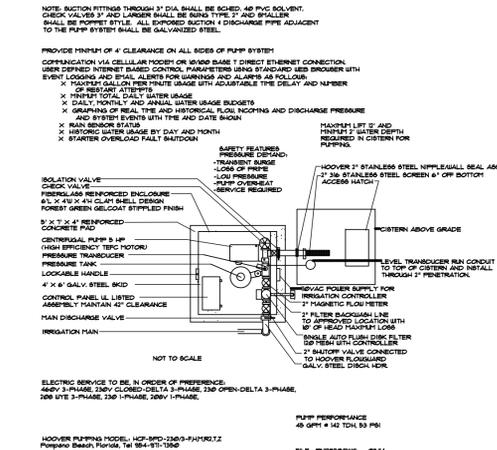
NOZZLE CHART

LETTER	PRODUCT SPEC.	G.P.M.	Ø 40PSI	RADIUS	RADIUS/ANGLE	ZONE LABELS
A	MP2000	147	19'	FULL	36.0	1
B	MP CORNER	45	14'	CORNER	105	
C	MP CORNER	75	14'	CORNER	45	2
D	MP2000	14	19'	FULL	180	
E	MP2000	40	19'	QUARTER	90	3
F	MP STRIP	23	5' x 15'	HALF STRIP	180	
G	RAINBIRD SQ-H	23	4.5'	HALF PATTERNS	180	4
H	MP2000	50	14'	THREE QTR	210	
I	MP2000	75	14'	FULL	36.0	5
J	MP SIDE STRIP	44	5' x 30'	HALF STRIP	180	
K	MP2000	75	14'	QUARTER	90	6
L	MP2000	37	14'	HALF	210	
M	MP2000	26	30'	HALF	180	7
N	MP2000	182	30'	HALF	180	
O	MP2000	215	30'	THREE QTR	210	8
P	MP2000	364	30'	FULL	36.0	
Q	MP2000	110	19'	THREE QTR	210	9
R	MP2000	110	19'	THREE QTR	210	

THE NOZZLES LISTED SHOW THE TYPE OF MP ROTATOR NOZZLE THAT SHOULD BE USED. THE CONTRACTOR SHOULD INSTALL THE MP2000, MP2000, MP3000 OR SPECIALTY NOZZLE IN EACH HEAD AS SHOWN BY THE LETTER BESIDE THE HEAD ON THE PLAN. THE GPM, DISTANCE AND ANGLE ON THE NOZZLE CHART ARE APPROXIMATE. THE CONTRACTOR SHALL ADJUST ALL NOZZLES TO PROVIDE THE 100% COVERAGE, BUT LIMIT OVERTHROW ON TO BUILDINGS, WALLS, PAVEMENT, ETC. THE HEADS SHOULD BE SPACED AS PER THE PLAN. SCALE THE PLAN FOR DISTANCE. DO NOT ASSUME THAT ALL HEADS ARE SPACED AS PER CONVENTIONAL SPRAY HEADS. THE PRECIPITATION RATE FOR THESE NOZZLES IS LESS THAN A CONVENTIONAL SPRAY NOZZLE. FOLLOW THE ZONE CHART FOR AN APPROXIMATE RUN TIME FOR EACH ZONE, BUT SET THE RUN TIME ON THE CONTROLLER BASED ON THE SPECIFIC SITE CONDITIONS.

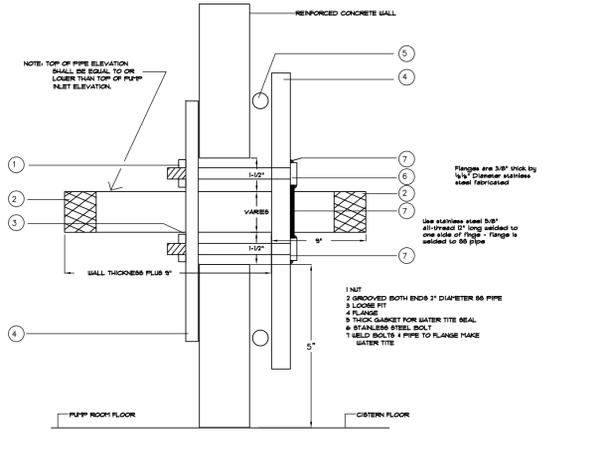
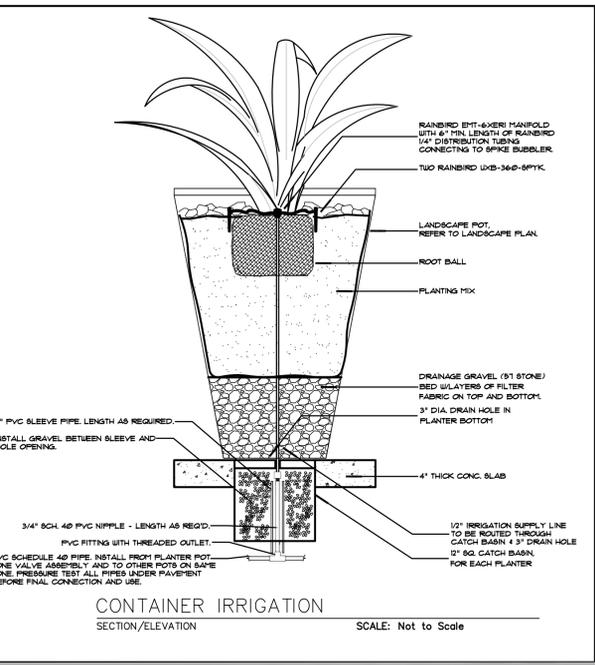
DRIP TUBING NOTES

- INSTALL ALL DRIP TUBING AT GROUND LEVEL AFTER PLANT INSTALLATION. INSTALL NETAFIM TL66 U SHAPED WIRE STABILIZERS A MIN. OF 4' O.C. TO HOLD THE LINES IN PLACE.
- KEEP ALL DRIP LINE CLEAN AT ALL TIMES BEFORE THE FINAL CONNECTION. ALL TUBE ENDS SHALL BE INTERCONNECTED TO ALL OTHER DRIP TUBES. DO NOT DEAD END TUBING. SINGLE ROUS SHALL HAVE AN END CAP AND NOT BENT OVER OR TAPED.
- AVOID SHARP BENDS IN THE TUBING. DO NOT BEND THE TUBING WITH LESS THAN A 12" RADIUS. THERE SHALL NOT BE ANY KINKS IN THE TUBING.
- ALL DRIP TUBING SHALL HAVE UNIFORM SPACING AND BURIAL DEPTH. THE PLAN DOES NOT ALWAYS REFLECT THE EXACT SPACING OR LAYOUT OF THE TUBING. LAYOUT OF THE LONGEST WIDTH WHEN POSSIBLE. ADAPT THE TUBING TO CURVED BEDS OR PLANTERS AS REQUIRED. ADJUST AND ADAPT THE TUBING FOR ALL TREES. REFER TO THE TREE DRIP RING DETAIL.
- INSTALL DRIP TUBING TO ALL AREAS THAT SHALL RECEIVE PLANT MATERIAL. SEE THE LANDSCAPE PLAN FOR THE EXACT LOCATIONS. THERE SHALL BE A MINIMUM OF TWO ROUS OF TUBING ON A SINGLE ROW OF PLANTS.
- SPACE TUBING AS NOTED ON THE PLAN. DO NOT SNAKE TUBING BACK AND FORTH EXCEPT WHERE SHOWN ON THE PLAN. ALWAYS INSTALL A HEADER PIPE UNLESS THE TOTAL GALLONAGE OF AN AREA IS 3 GPM OR LESS.
- REFER TO THE MANUFACTURERS DRIP INSTALLATION MANUAL FOR INSTALLATION INSTRUCTIONS. ALL FITTINGS SHALL BE THE SAME TYPE AND MANUFACTURER AS THE DRIP TUBING.
- ALWAYS FLUSH ALL LINES BEFORE FINAL CONNECTION.
- INSTALL A "SYSTEM ON" INDICATOR FLAG ON EVERY ZONE WHERE IT IS SEEN FROM THE CONTROL VALVE.
- ALL MAINLINE SHALL BE BURIED TO A MINIMUM DEPTH OF 18" OR AS INDICATED ON THE LEGEND.
- ALL CONTROL WIRE SPLICES SHALL BE MADE IN VALVE BOXES USING KING CONNECTORS AND SEALANT AND ALL WIRE SHALL BE 14 GAUGE, EXCEPT AS DETAILED FOR TWO-WIRE SYSTEMS.
- ANY PIPING SHOWN OUTSIDE THE PROPERTY LINE OR RUNNING OUTSIDE THE LANDSCAPE AREA IS SHOWN THERE FOR CLARITY ONLY.
- THE CONTRACTOR SHALL EXERCISE CARE SO AS NOT TO DAMAGE ANY EXISTING UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL REPAIRS OF ANY DAMAGE CAUSED BY HIS WORK.
- INSTALL FLUSH VALVES WHERE SHOWN AT THE ENDS OF EACH RUN OF DRIP TUBING AND ONE FOR EVERY 15 GPM OF TUBING.
- CLEARLY AND NEATLY MARK THE TOP OF EACH VALVE BOX WITH THE TYPE OF EQUIPMENT THAT IT CONTAINS. (IE. VALVE, FLUSH VALVE, ETC.)
- THE DRIP ZONE ASSEMBLY SHALL BE PLACED INSIDE AN ARMOR JUMBO VALVE BOX. THE VALVE SHALL BE INSTALLED AS PER THE DETAIL ON THE PLANS.
- THE DRIP TUBING SHALL HAVE EMITTERS EVERY 12" AND SHALL BE SPACED 12" APART IN GROUND COVER BEDS AND A MINIMUM OF TWO RUNS FOR EACH ROW OF SHRUBS. THE SHRUBS ARE SPACED FURTHER THAN 2' ON CENTER.
- REFER TO THE LANDSCAPE ARCHITECT KIT DETAIL FOR FILTER SIZES.
- THE IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE HIS/HER WORK WITH THE LANDSCAPE CONTRACTOR.



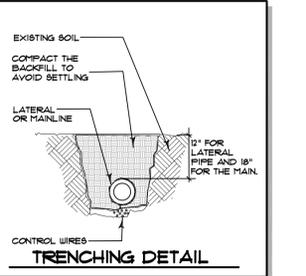
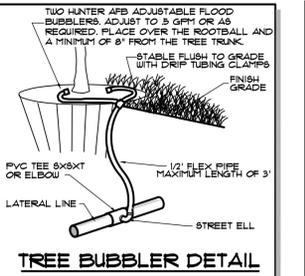
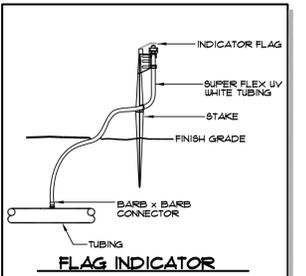
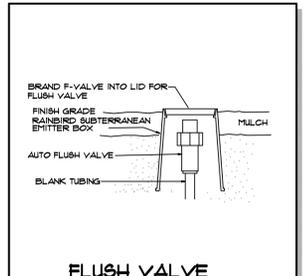
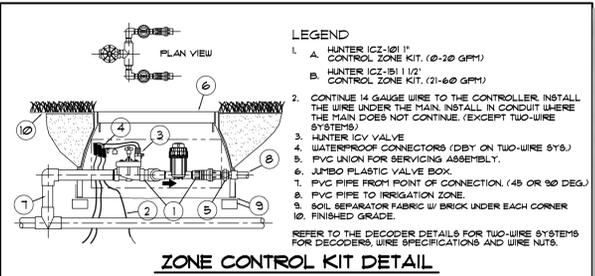
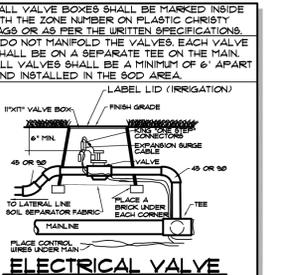
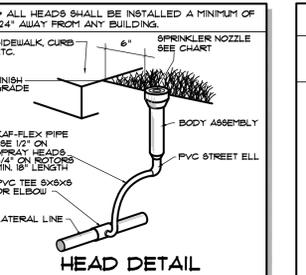
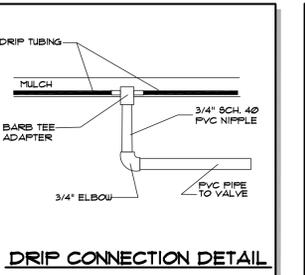
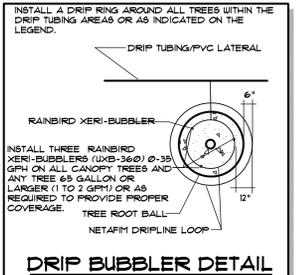
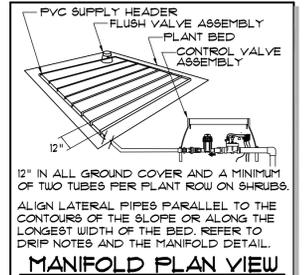
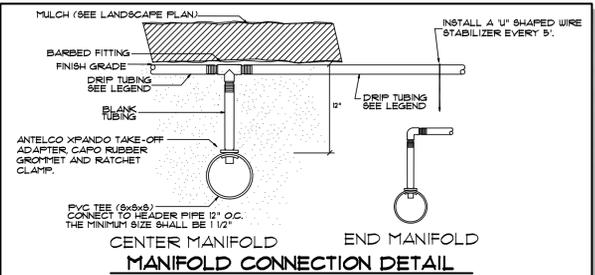
KEY WEST CITY HALL CENTRIFUGAL PUMP SYSTEM DETAIL

FRIGGLASS ENCLOSED SINGLE CISTERN SECTION
PRESSURE DEMAND DISCHARGE FILTER
HOOPER FLOWSQUARE



KEY WEST CITY HALL PUMP INTAKE CISTERN WALL SEAL

FRIGGLASS ENCLOSED SINGLE CISTERN SECTION
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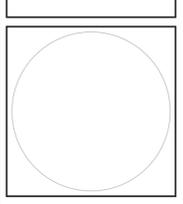


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FINAL TREE COMMISSION SUBMITTAL

KEY WEST CITY HALL AT GLYNN ARCHER

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LANDSCAPE ARCHITECT

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Bender & Associates ARCHITECTS

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Project No: 1305

IRRIGATION DETAILS & NOTES

Date: 03/28/14

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