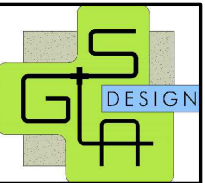


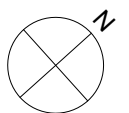
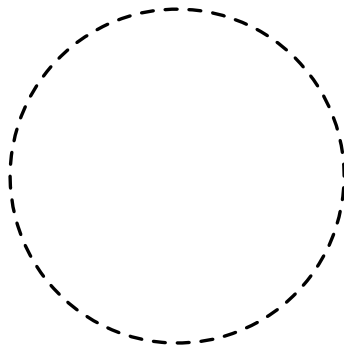
Mount Sinai
MEDICAL CENTER
Braman Cancer Center

4300 Alton Road
Miami Beach, Florida 33140

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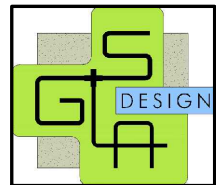


Landscape

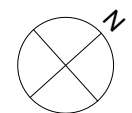
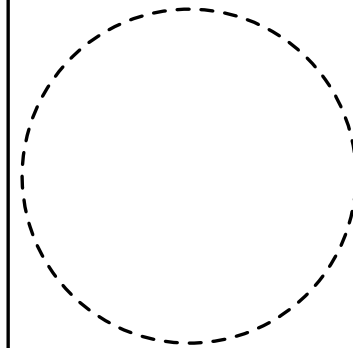
LANDSCAPE SHEET INDEX

COVERSHEET

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- LA001 - OVERALL EXISTING TREE DISPOSITION PLAN
- LA002 - EXISTING TREE DISPOSITION PLAN
- LA003 - EXISTING TREE DISPOSITION PLAN
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- LA038 - PLANTING DETAILS

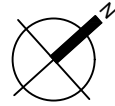


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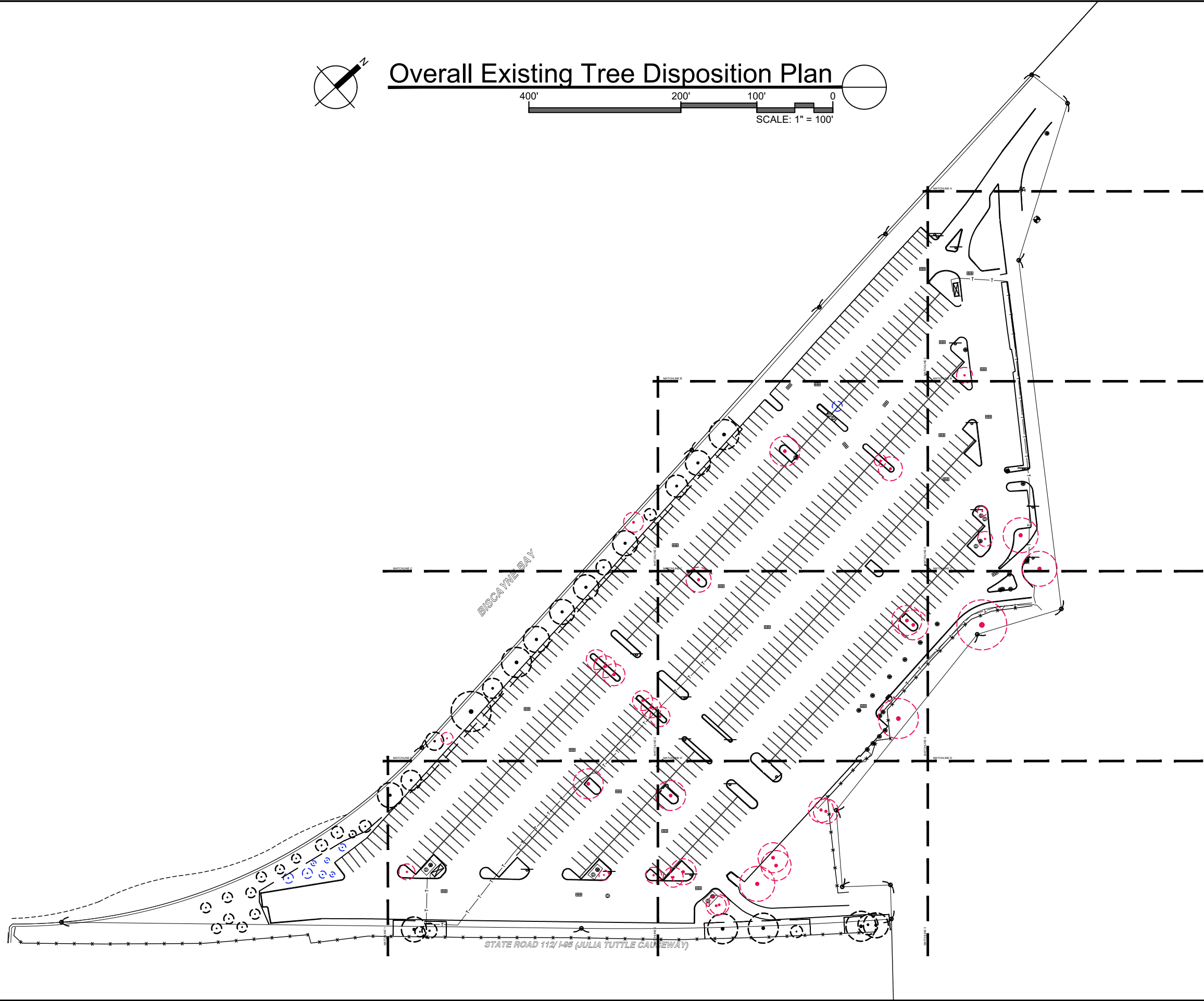
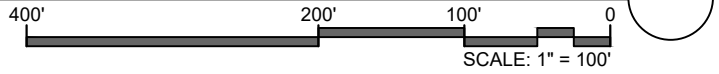


Landscape

LA000



Overall Existing Tree Disposition Plan

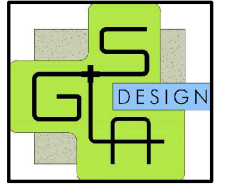


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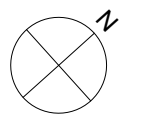
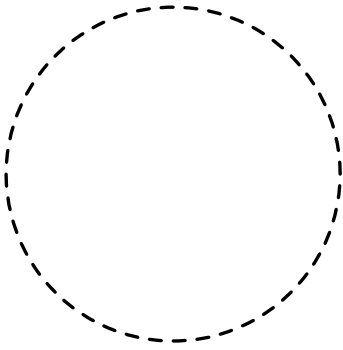
CANNON DESIGN
ARCHITECT CORPORATION
CANNON FLORIDA INC.
AAC000314 8874

TLC ENGINEERING
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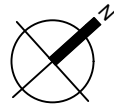


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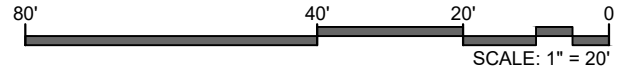


Landscape

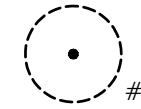
LA001



Existing Tree Disposition Plan



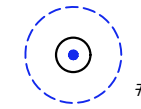
LEGEND



EXISTING TREE TO REMAIN



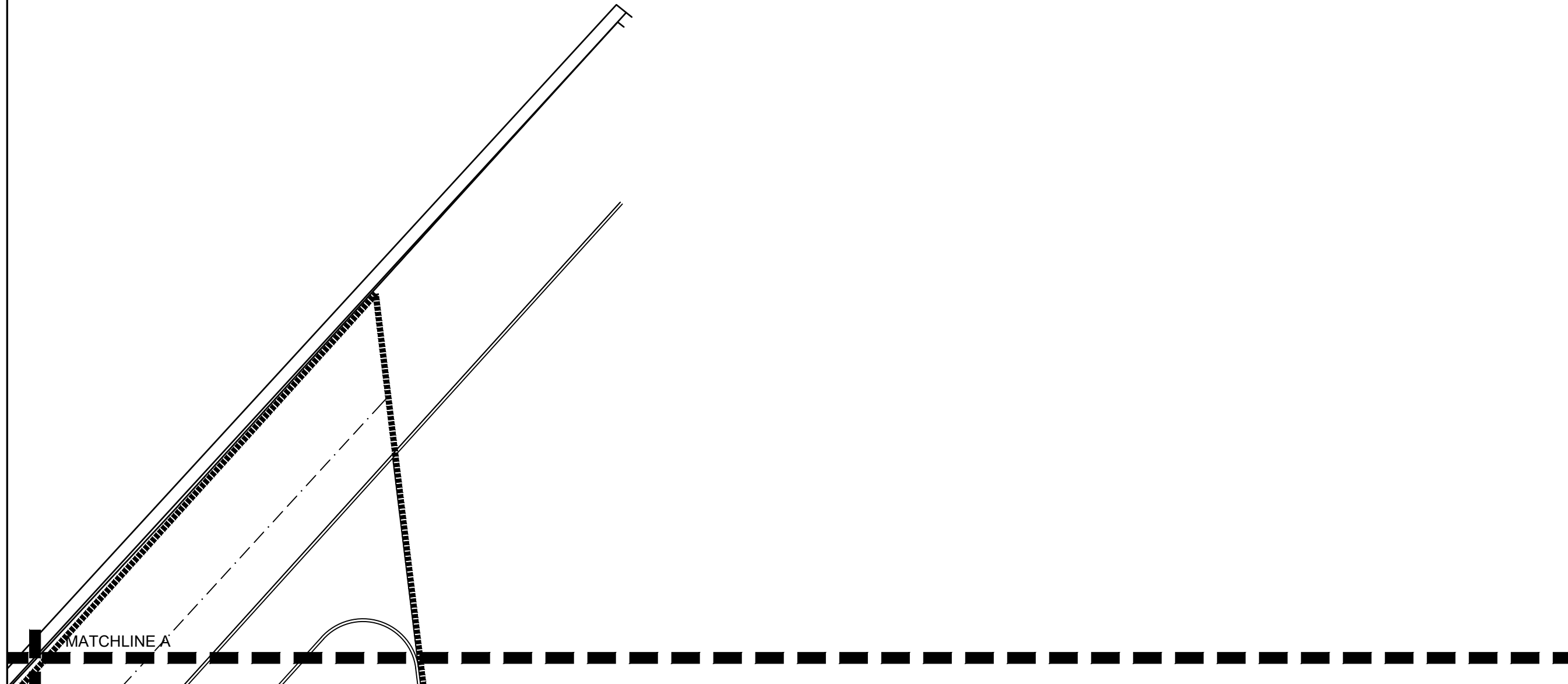
EXISTING TREE TO BE REMOVED



EXISTING TREE TO BE TRANSPLANTED



TREE PROTECTION FENCING (TYP.)

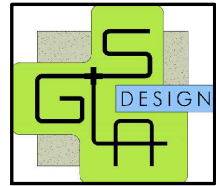


Mount Sinai
MEDICAL CENTER
Braman Cancer Center

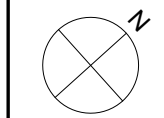
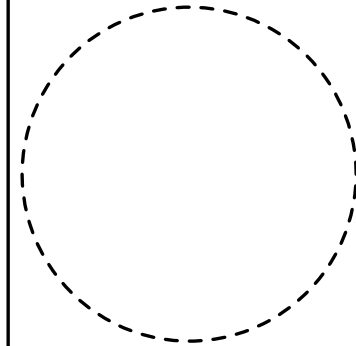
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TLC ENGINEERING
SOLUTIONS

LANGAN



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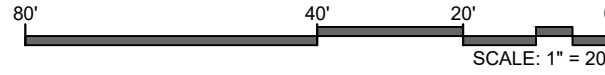


Landscape

LA002



Existing Tree Disposition Plan

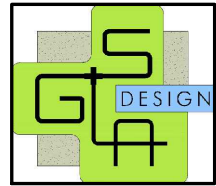


Mount Sinai
MEDICAL CENTER
Braman Cancer Center

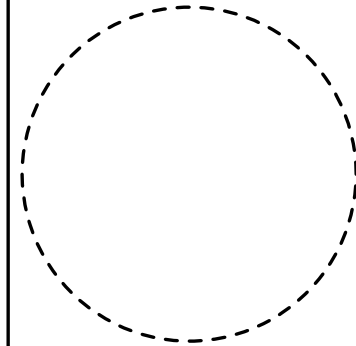
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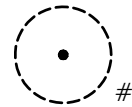
LANGAN



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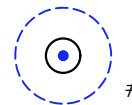
LEGEND



EXISTING TREE TO REMAIN



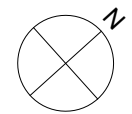
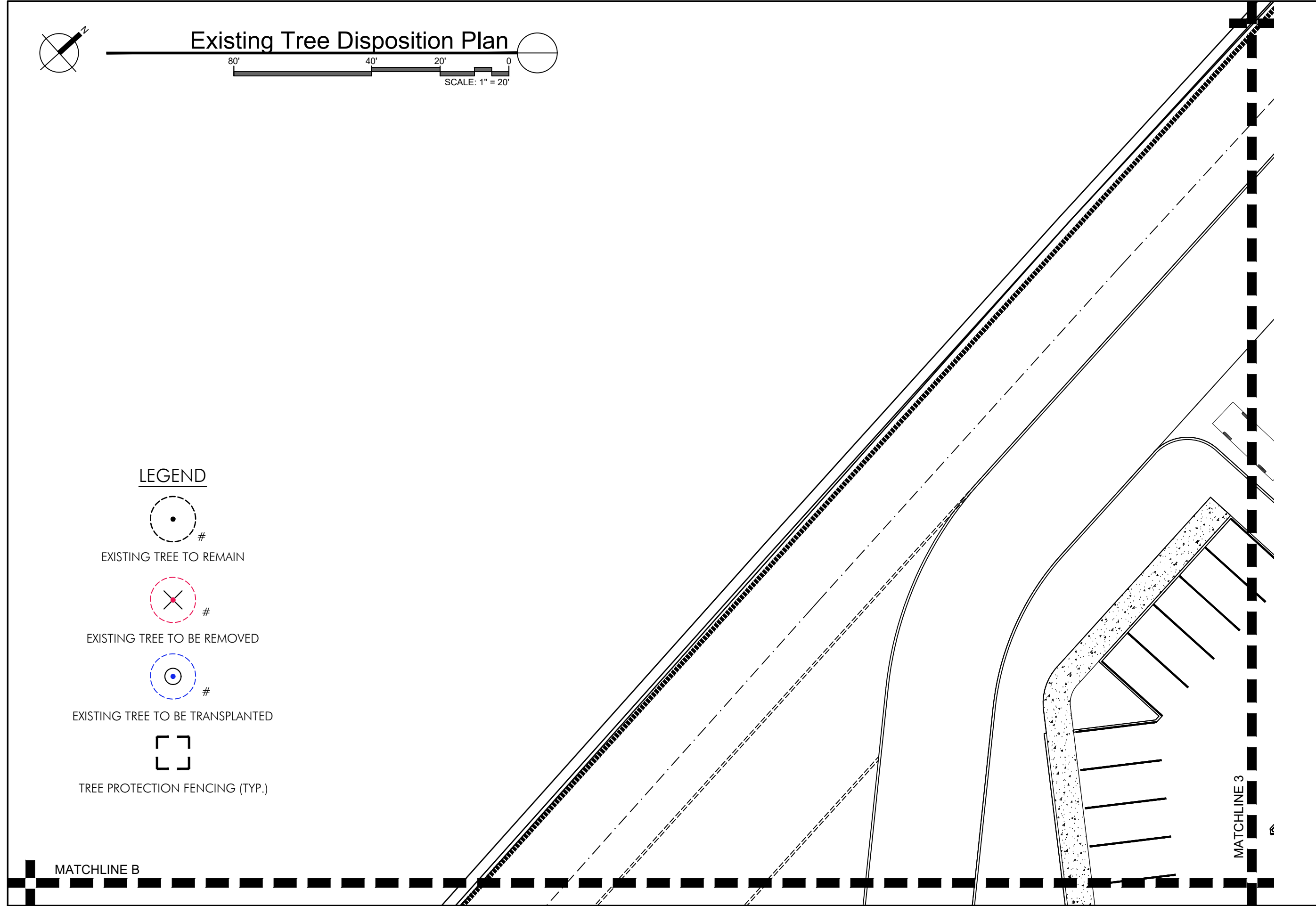
EXISTING TREE TO BE REMOVED



EXISTING TREE TO BE TRANSPLANTED

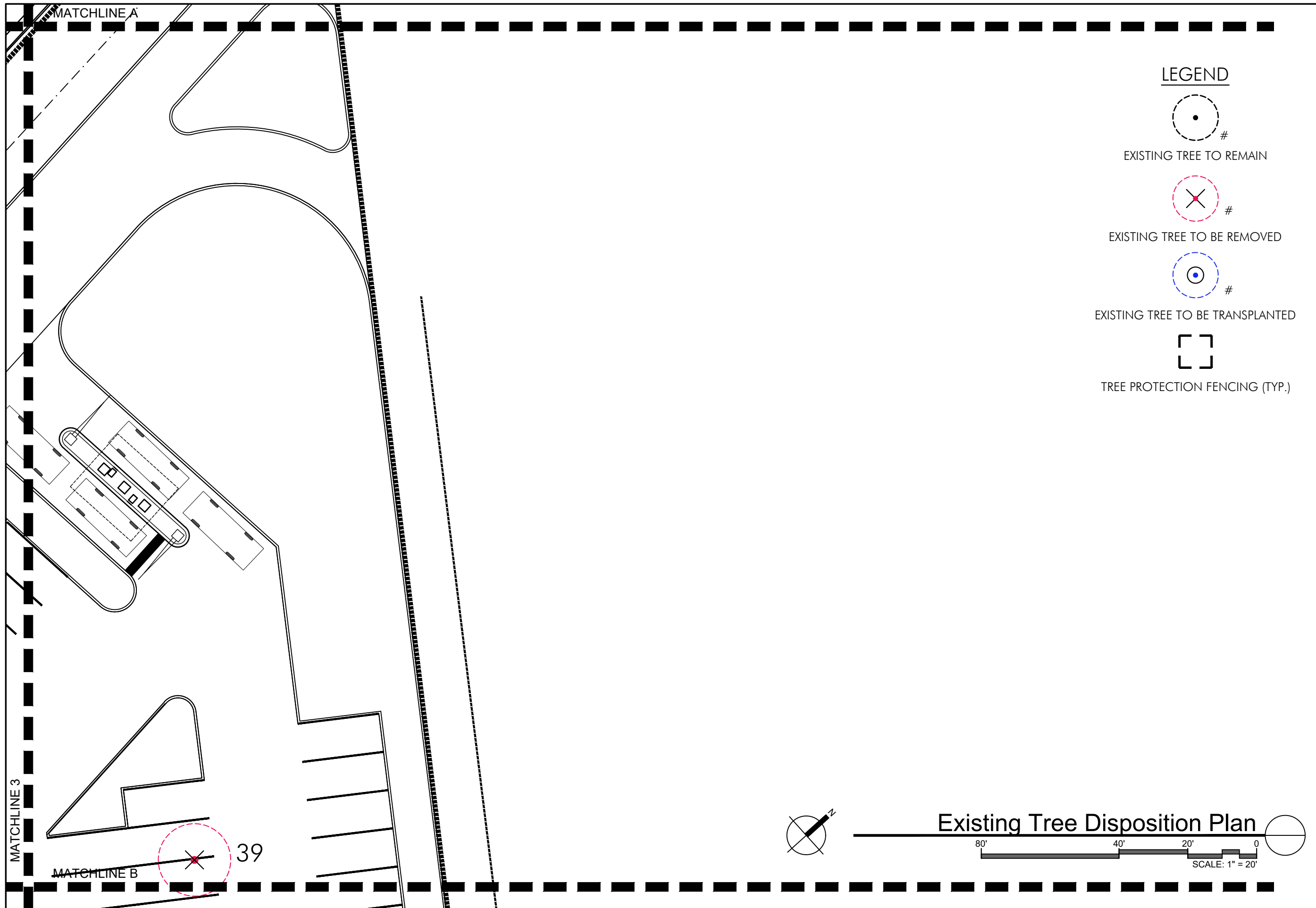


TREE PROTECTION FENCING (TYP.)



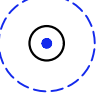



Landscape

LA003



LEGEND

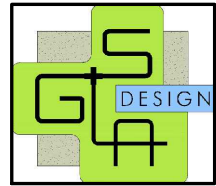
-  #
EXISTING TREE TO REMAIN
-  #
EXISTING TREE TO BE REMOVED
-  #
EXISTING TREE TO BE TRANSPLANTED
- 
TREE PROTECTION FENCING (TYP.)

Mount Sinai
MEDICAL CENTER
Braman Cancer Center

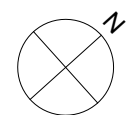
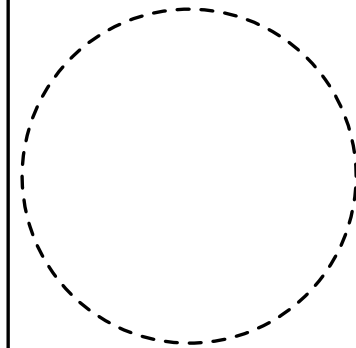
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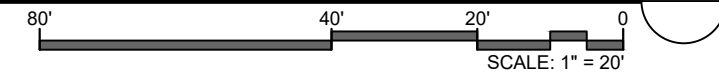


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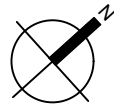


Landscape

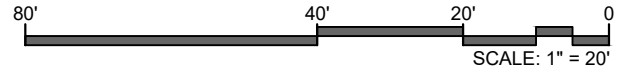
Existing Tree Disposition Plan



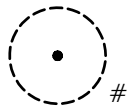
LA004



Existing Tree Disposition Plan



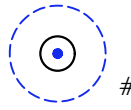
LEGEND



EXISTING TREE TO REMAIN



EXISTING TREE TO BE REMOVED



EXISTING TREE TO BE TRANSPLANTED



TREE PROTECTION FENCING (TYP.)

MATCHLINE C

TREE PROTECTION FENCING (TYP.)

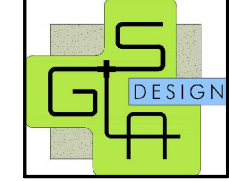
MATCHLINE 2

32

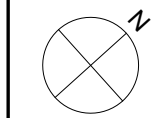
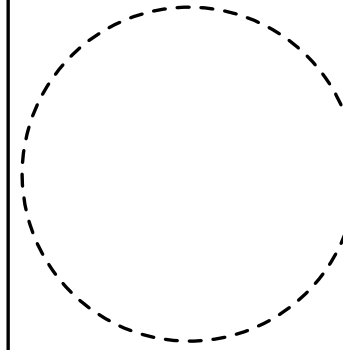
33

34

35



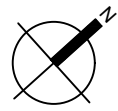
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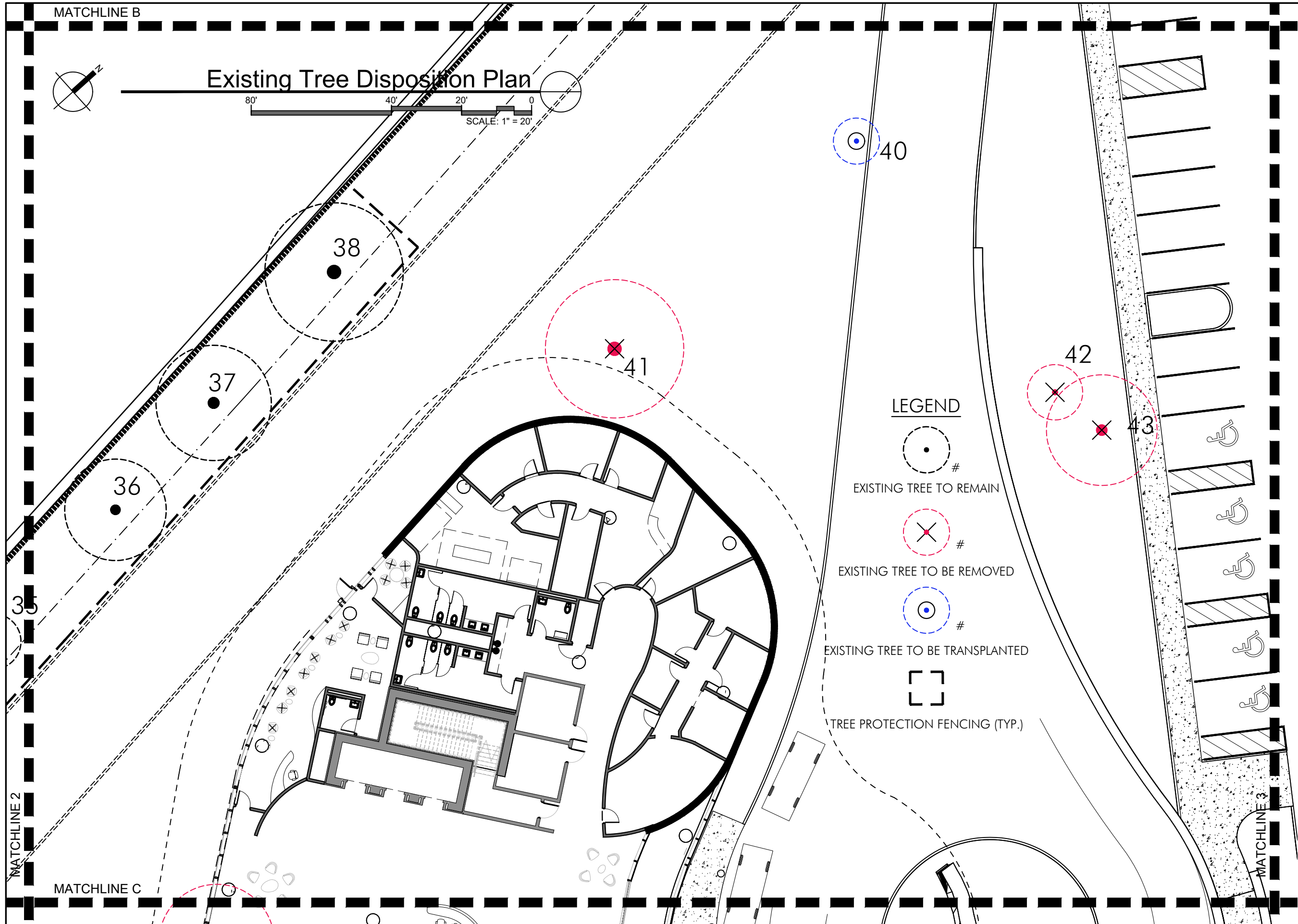
Landscape

LA005

MATCHLINE B



Existing Tree Disposition Plan



LEGEND

 #
EXISTING TREE TO REMAIN

 #
EXISTING TREE TO BE REMOVED

 #
EXISTING TREE TO BE TRANSPLANTED

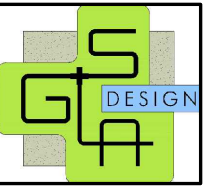

TREE PROTECTION FENCING (TYP.)

Mount Sinai
MEDICAL CENTER
Braman Cancer Center

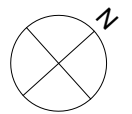
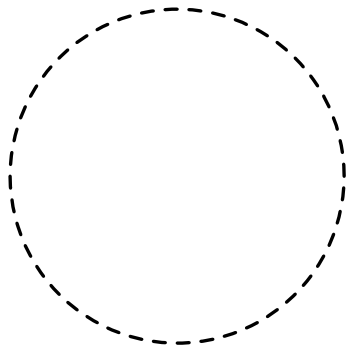
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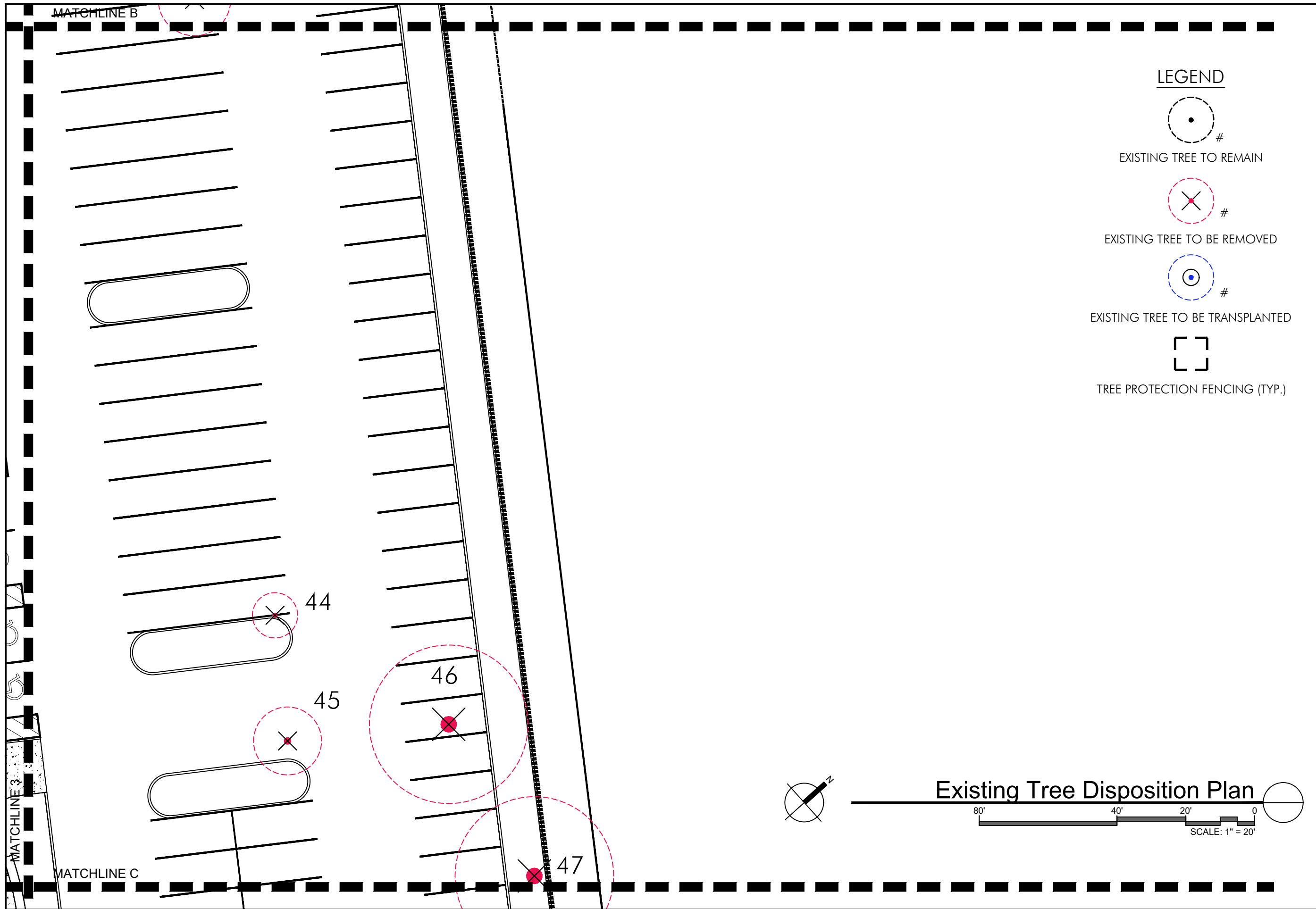


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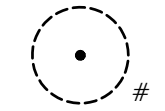


Landscape

LA006



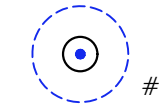
LEGEND



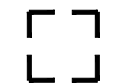
EXISTING TREE TO REMAIN



EXISTING TREE TO BE REMOVED



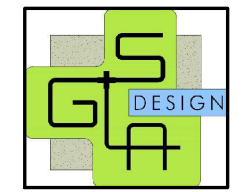
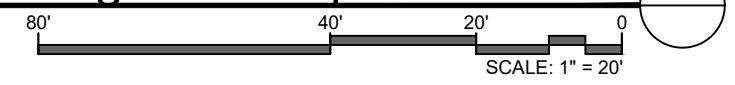
EXISTING TREE TO BE TRANSPLANTED



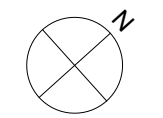
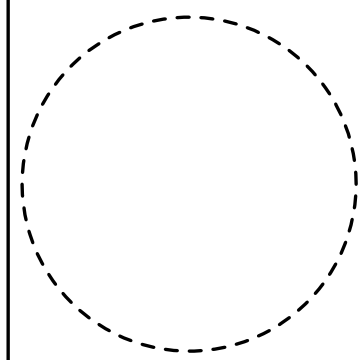
TREE PROTECTION FENCING (TYP.)



Existing Tree Disposition Plan



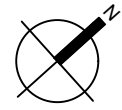
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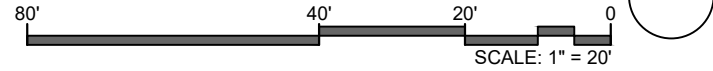
Landscape

LA007

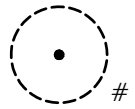
MATCHLINE C



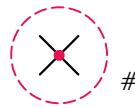
Existing Tree Disposition Plan



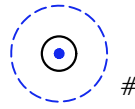
LEGEND



EXISTING TREE TO REMAIN



EXISTING TREE TO BE REMOVED



EXISTING TREE TO BE TRANSPLANTED



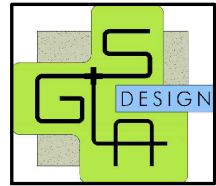
TREE PROTECTION FENCING (TYP.)

Mount Sinai
MEDICAL CENTER
Braman Cancer Center

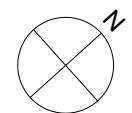
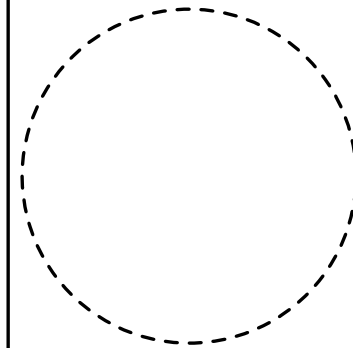
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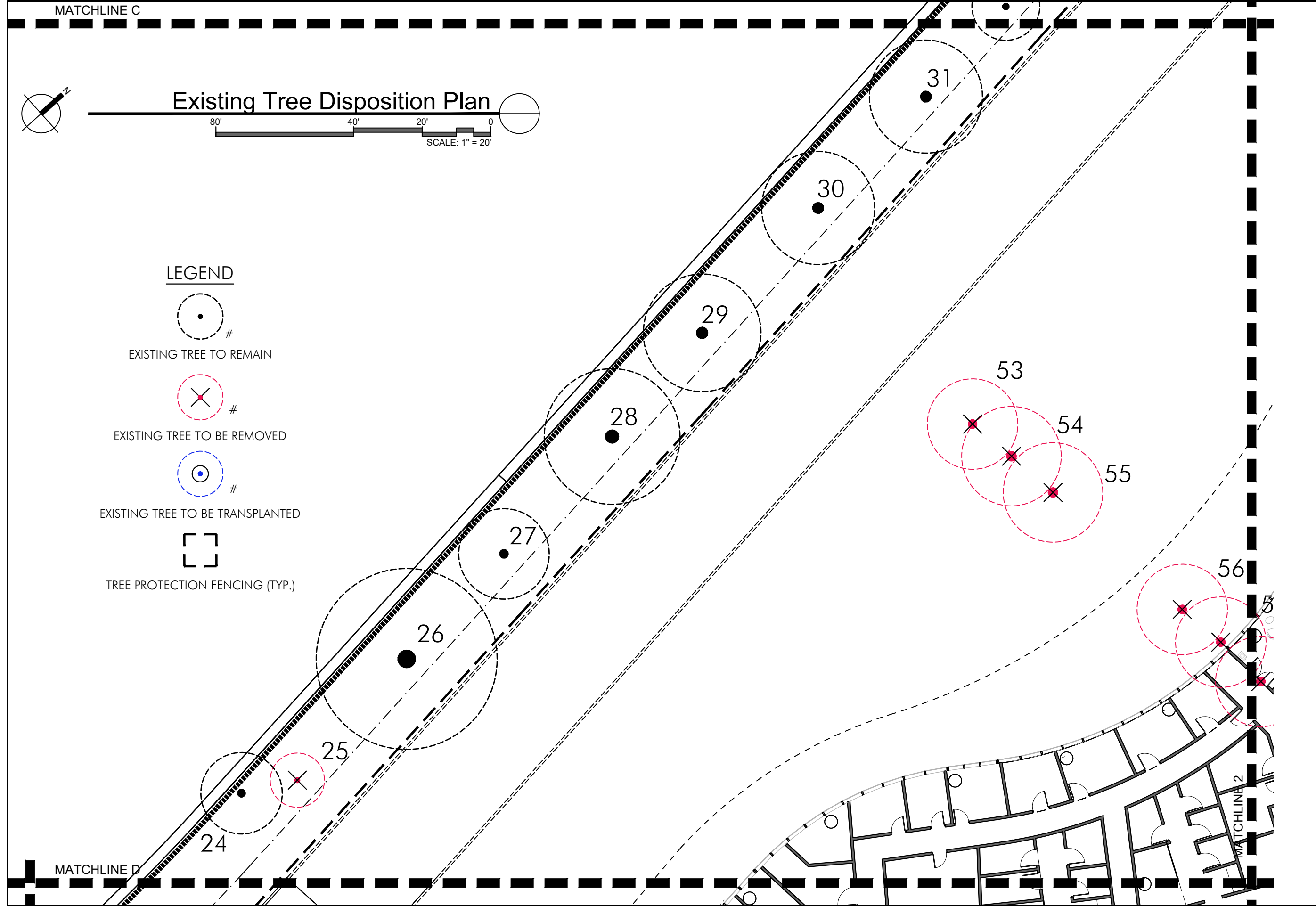


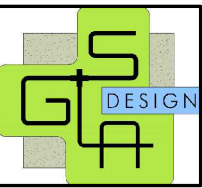
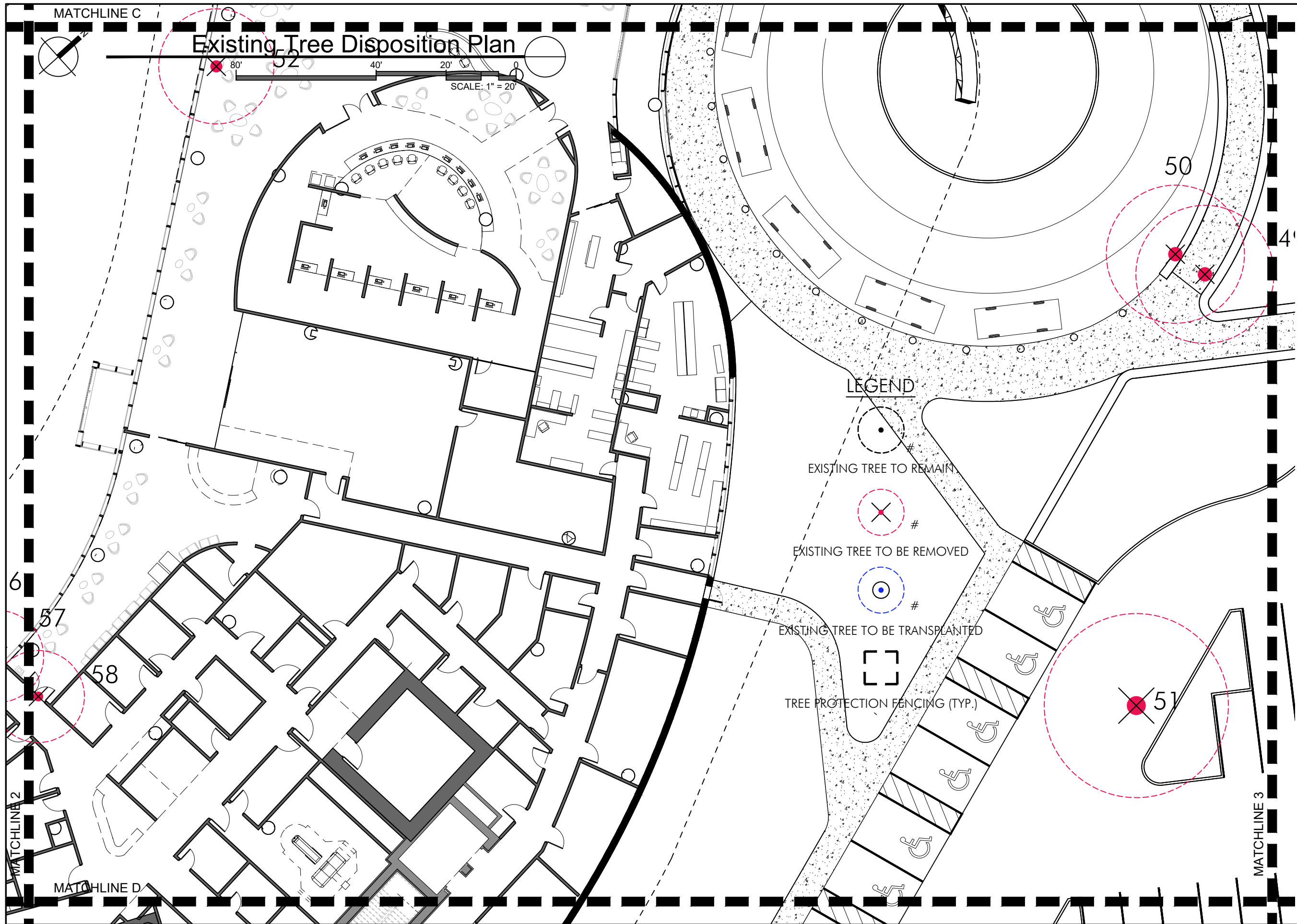
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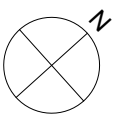
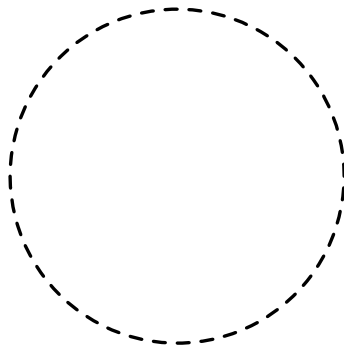
Landscape

LA008



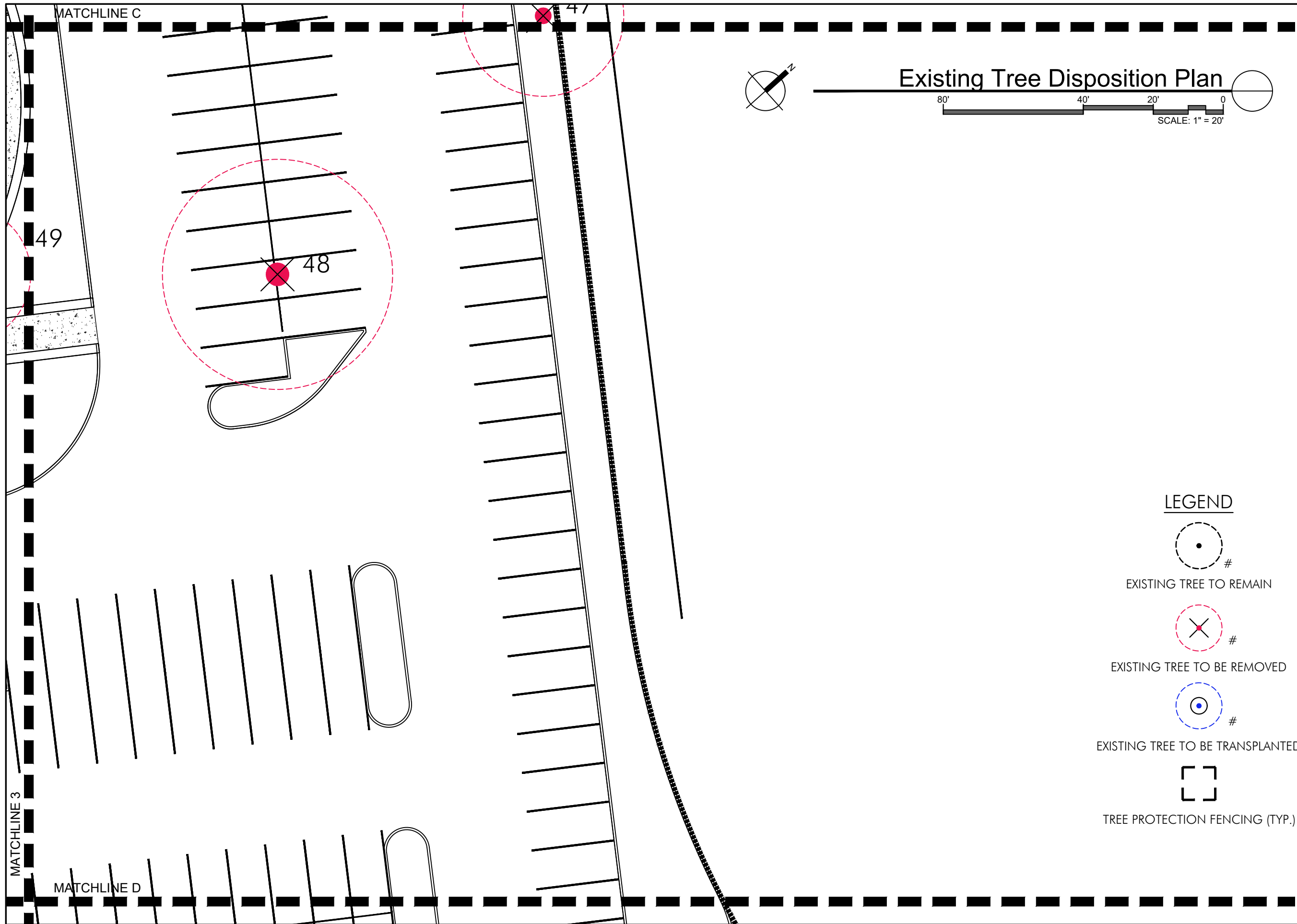


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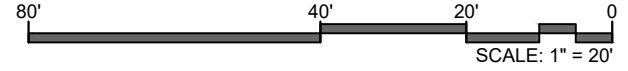


Landscape

LA009



Existing Tree Disposition Plan



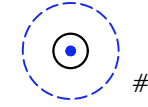
LEGEND



EXISTING TREE TO REMAIN



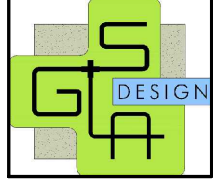
EXISTING TREE TO BE REMOVED



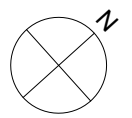
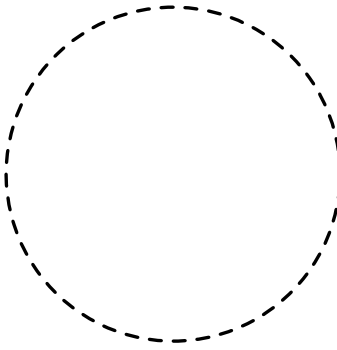
EXISTING TREE TO BE TRANSPLANTED



TREE PROTECTION FENCING (TYP.)

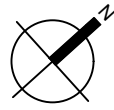


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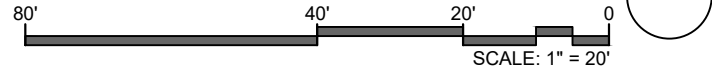


Landscape

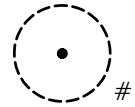
LA010



Existing Tree Disposition Plan



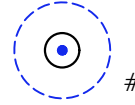
LEGEND



EXISTING TREE TO REMAIN



EXISTING TREE TO BE REMOVED



EXISTING TREE TO BE TRANSPLANTED



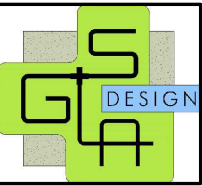
TREE PROTECTION FENCING (TYP.)

REFER TO PLANTING PLAN
FOR NEW LOCATION OF
TRANSPLANTED TREES

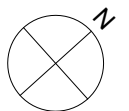
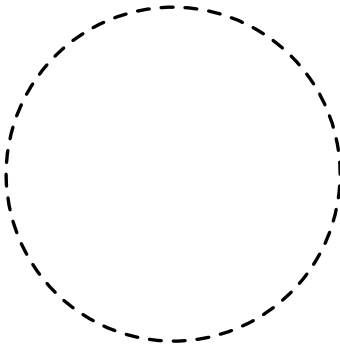
TREE PROTECTION
FENCING (TYP.)

TREE PROTECTION
FENCING (TYP.)

MATCHLINE 1

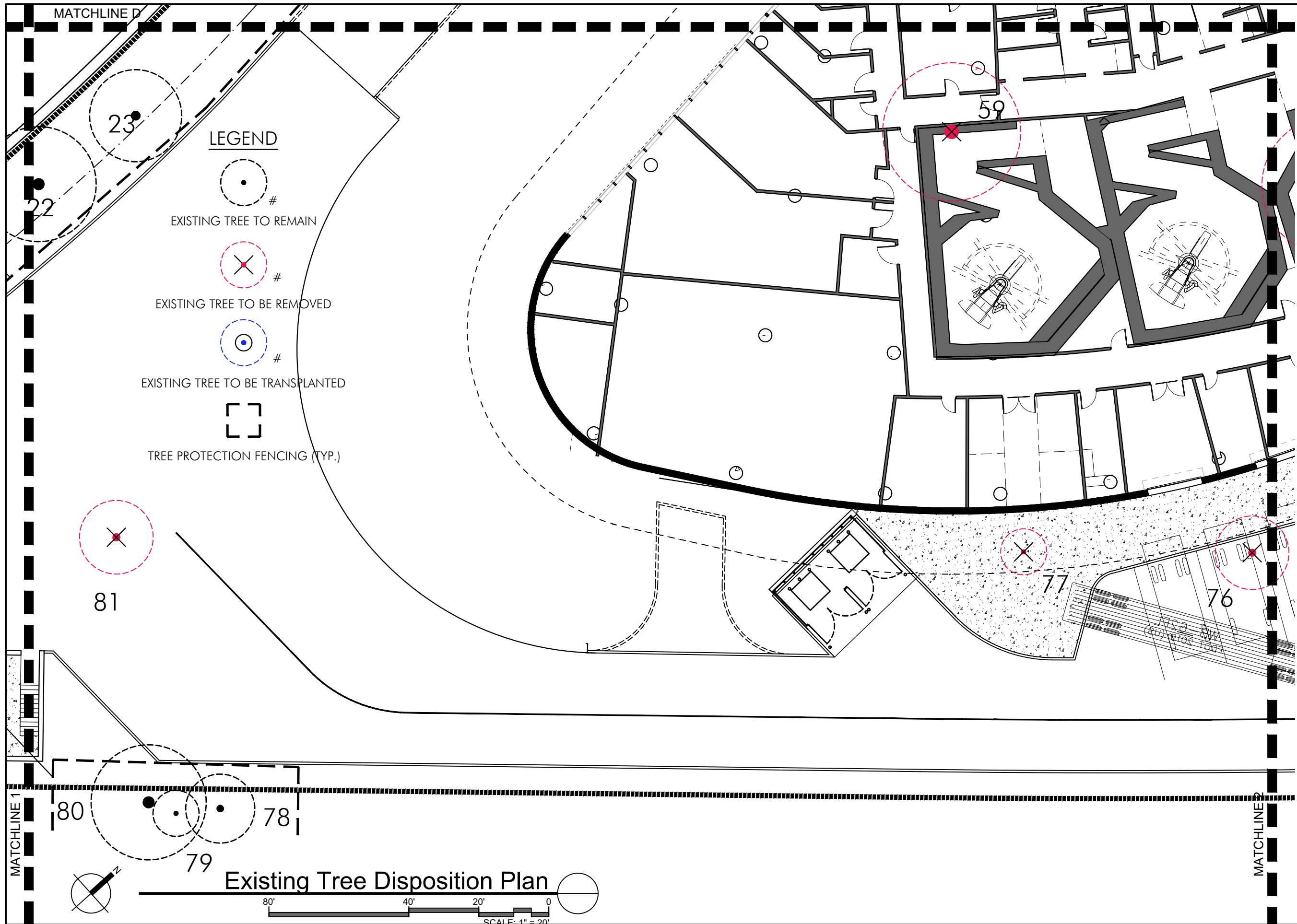


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Landscape

LA011



LEGEND

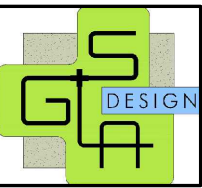
- EXISTING TREE TO REMAIN
- EXISTING TREE TO BE REMOVED
- EXISTING TREE TO BE TRANSPLANTED
- TREE PROTECTION FENCING (TYP.)

Mount Sinai
 MEDICAL CENTER
 Braman Cancer Center

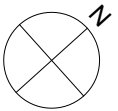
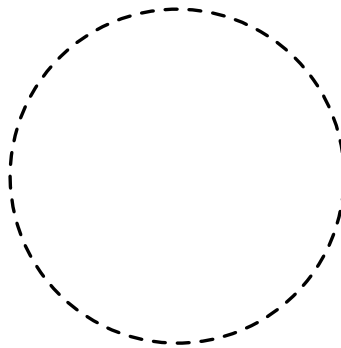
CANNON DESIGN
 ARCHITECT CORPORATION
 CANNON FLORIDA INC.
 AAC000314 8874

TLC ENGINEERING
 SOLUTIONS

LANGAN



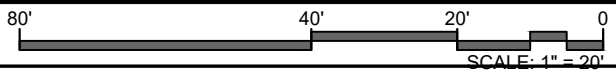
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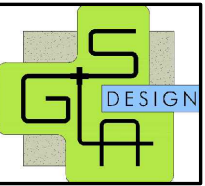
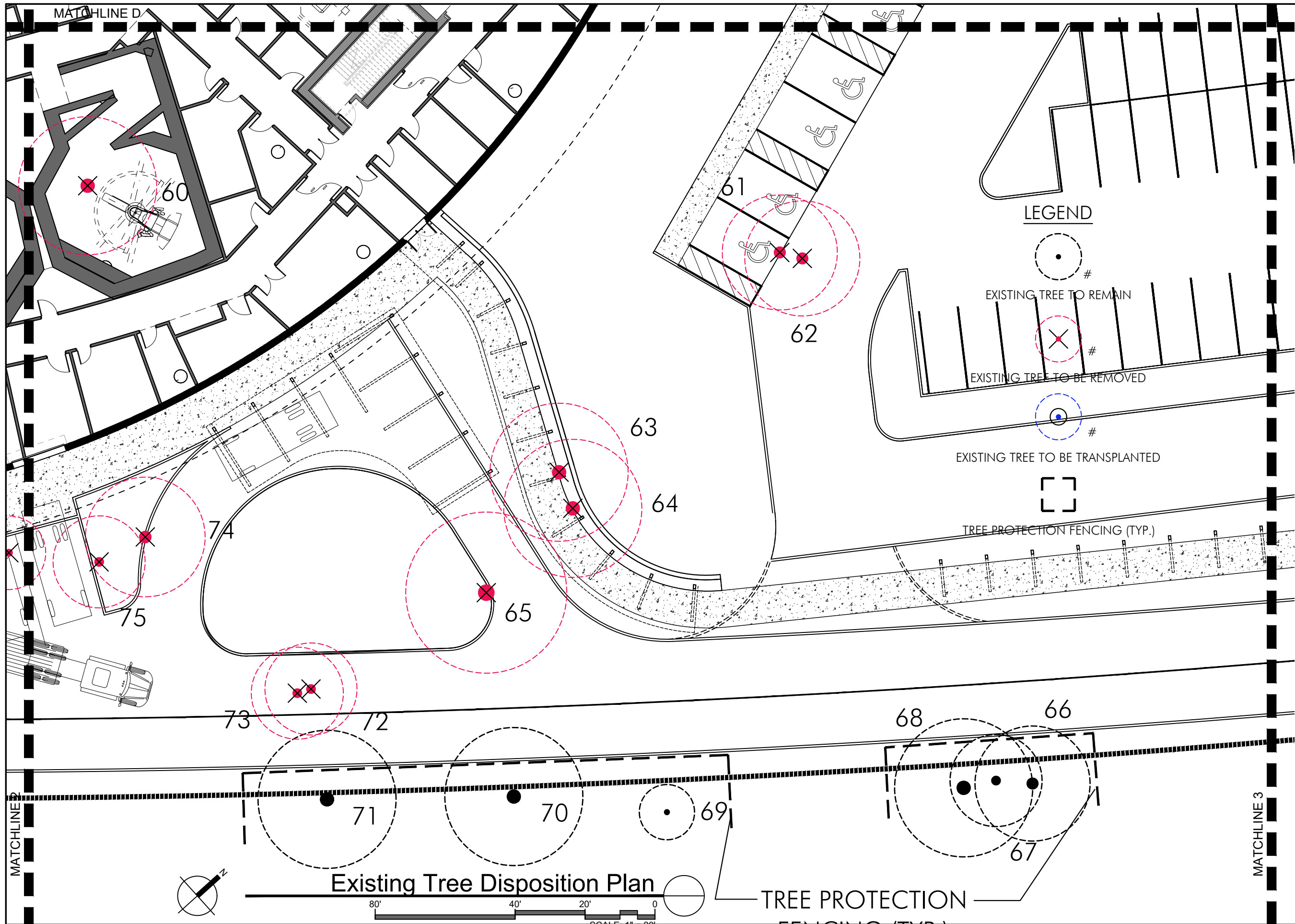


Landscape

LA012

Existing Tree Disposition Plan





LEGEND

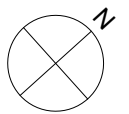
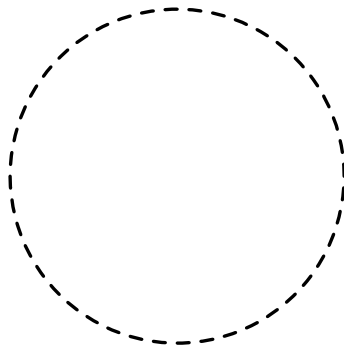
● #
 EXISTING TREE TO REMAIN

⊗ #
 EXISTING TREE TO BE REMOVED

● #
 EXISTING TREE TO BE TRANSPLANTED

□
 TREE PROTECTION FENCING (TYP.)

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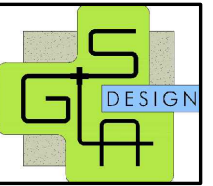
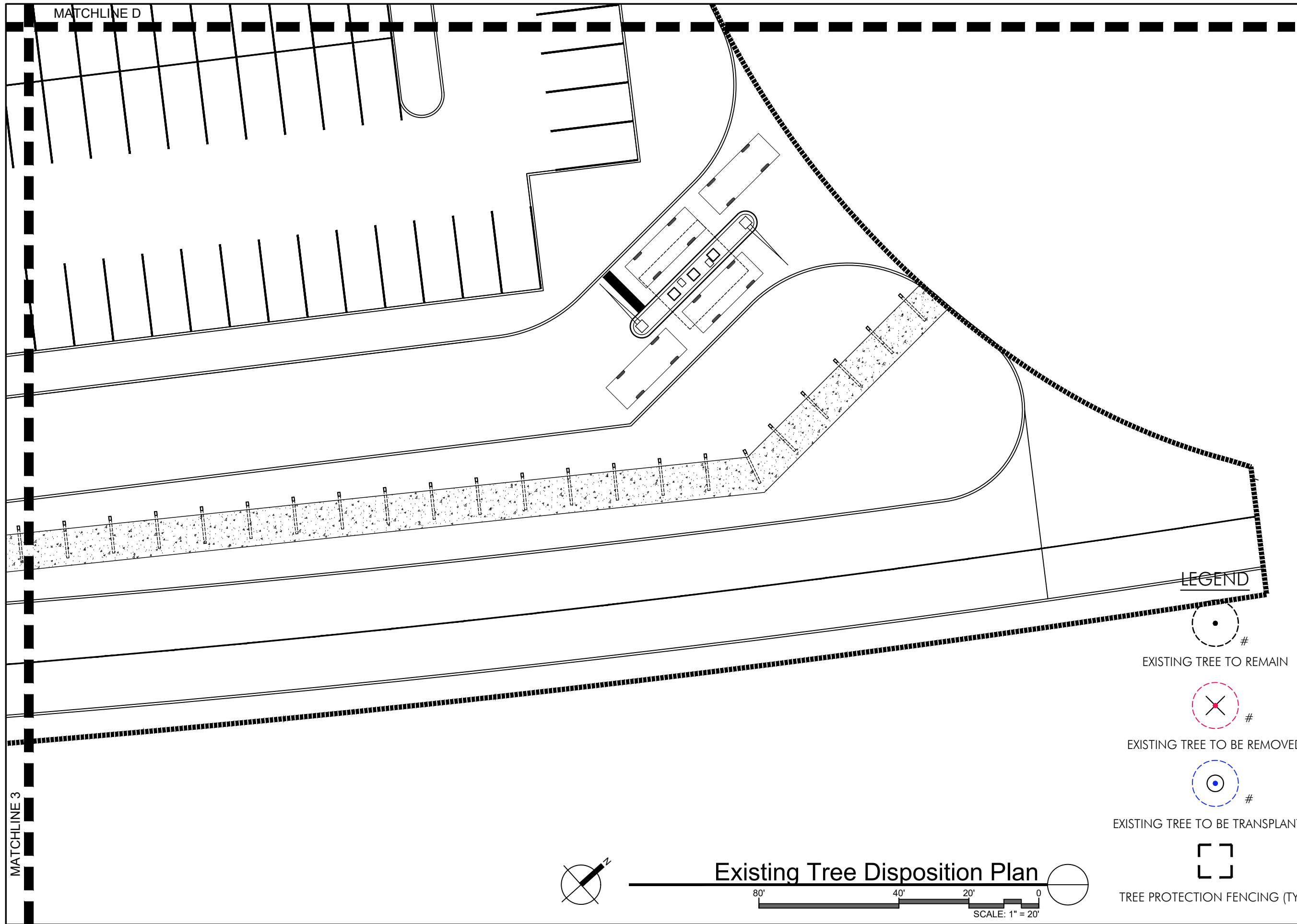


Landscape

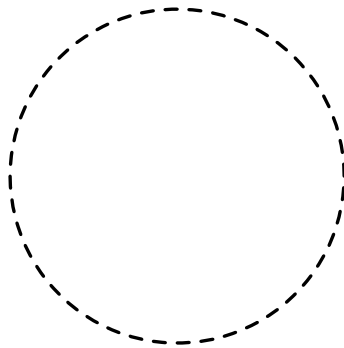
LA013

Existing Tree Disposition Plan

TREE PROTECTION FENCING (TYP.)

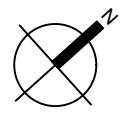


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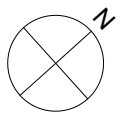
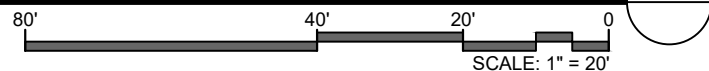


LEGEND

- #
EXISTING TREE TO REMAIN
- #
EXISTING TREE TO BE REMOVED
- #
EXISTING TREE TO BE TRANSPLANTED
- #
TREE PROTECTION FENCING (TYP.)



Existing Tree Disposition Plan

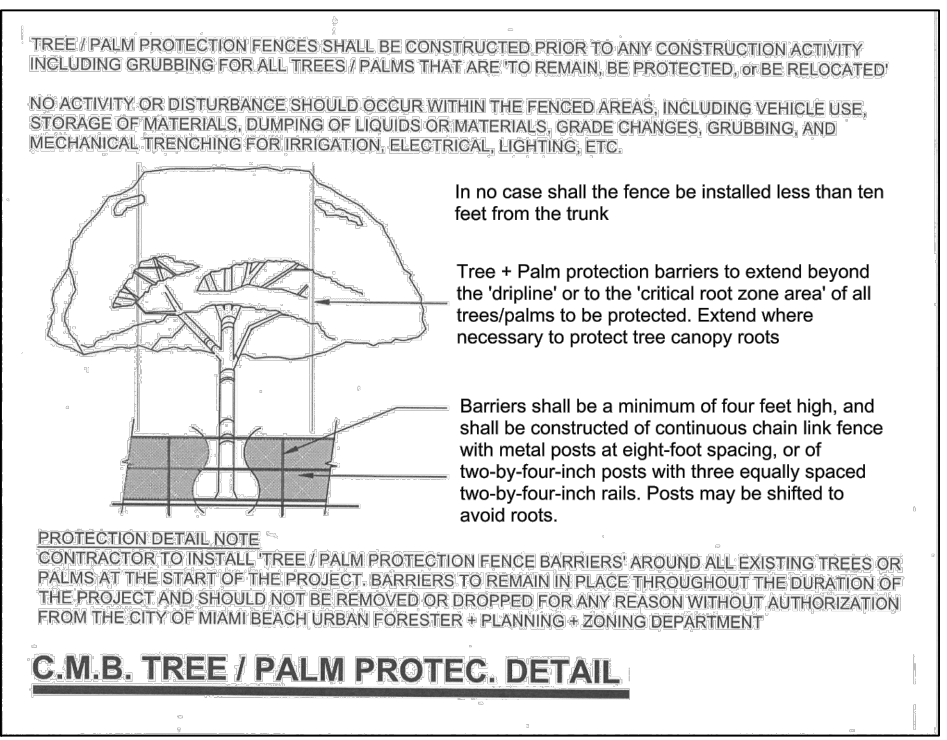


Landscape

LA014

EXISTING TREE DISPOSITION LIST								
KEY	BOTANICAL NAME	COMMON NAME	SIZE			DISPOSITION	NOTES	MITIGATION DBH.(in.)
			HT.(ft.)	SPD.(ft.)	DBH.(in.)			
1	Coccoloba uvifera	Seagrape	16	10	4.2	keep		
2	Coccoloba uvifera	Seagrape	16	10	3.7	keep		
3	Coccoloba uvifera	Seagrape	16	10	3.9	keep		
4	Coccoloba uvifera	Seagrape	16	10	4.1	keep		
5	Coccoloba uvifera	Seagrape	12	10	3.9	keep		
6	Coccoloba uvifera	Seagrape	15	10	4.3	keep		
7	Conocarpus erectus	Green Buttonwood	18	10	4.1	keep		
8	Conocarpus erectus	Green Buttonwood	16	10	5.8	keep		
9	Conocarpus erectus	Green Buttonwood	15	9	3.6	keep		
10	Conocarpus erectus	Green Buttonwood	16	10	4.2	transplant		
11	Conocarpus erectus	Green Buttonwood	16	10	4.5	transplant		
12	Conocarpus erectus Sericeus	Silver Buttonwood	11	7	3.1	transplant		
13	Conocarpus erectus Sericeus	Silver Buttonwood	10	5	2.4	transplant		
14	Conocarpus erectus	Green Buttonwood	15	9	3.6	keep		
15	Conocarpus erectus Sericeus	Silver Buttonwood	9	5	2.1	transplant		
16	Conocarpus erectus Sericeus	Silver Buttonwood	8	5	2.9	transplant		
17	Conocarpus erectus	Green Buttonwood	20	12	4.6	keep		
18	Conocarpus erectus Sericeus	Silver Buttonwood	12	7	2.8	transplant		
19	Conocarpus erectus	Green Buttonwood	18	12	3.7	keep		
20	Conocarpus erectus	Green Buttonwood	8	7	2.7	keep		
21	Conocarpus erectus	Green Buttonwood	16	12	4.6	keep		
22	Bucida buceras	Black Olive	28	25	12.9	keep		
23	Bucida buceras	Black Olive	25	20	19.3	keep		
24	Coccoloba uvifera	Seagrape	16	18	7.8	keep		
25	Bucida buceras	Black Olive		dead		remove		dead
26	Bucida buceras	Black Olive	30	40	9.3	keep		
27	Bucida buceras	Black Olive	28	20	22.2	keep		
28	Bucida buceras	Black Olive	26	30	17.4	keep		
29	Bucida buceras	Black Olive	24	26	15.8	keep		
30	Bucida buceras	Black Olive	26	25	13.2	keep		
31	Bucida buceras	Black Olive	26	25	12.5	keep		
32	Bucida buceras	Black Olive	20	15	7.5	keep		
33	Bucida buceras	Black Olive	26	25	11.2	keep		
34	Casuarina equisetifolia	Australian Pine	24	20	5.4	remove	invasive exotic	
35	Bucida buceras	Black Olive	18	12	11.1	keep		
36	Bucida buceras	Black Olive	24	22	12.9	keep		
37	Bucida buceras	Black Olive	26	25	11.0/14.6	keep		
38	Bucida buceras	Black Olive	30	30	28.9	keep		
39	Phoenix reclinata	Senegal Date Palm	10	16	multi	remove		1 palm
40	Sabal palmetto	Sabal Palm	16	10	9.5	transplant		
41	Bucida buceras	Black Olive	25	30	16.3	remove		16.3
42	Bucida buceras	Black Olive	16	12	8	remove		8.0
43	Bucida buceras	Black Olive	24	24	7.9/5.6/10.9/6.5	remove		30.9
44	Tabebuia heterophylla	Pink Trumpet Tree	16	10	5.6	remove		5.6
45	Tabebuia heterophylla	Pink Trumpet Tree	20	15	8.9	remove		8.9
46	Bucida buceras	Black Olive	26	35	21.4	remove		21.4
47	Bucida buceras	Black Olive	35	35	29	remove		29.0
48	Bucida buceras	Black Olive	28	50	30	remove		30.0
49	Bucida buceras	Black Olive	35	30	18.8	remove		18.8
50	Bucida buceras	Black Olive	28	30	14.6	remove		14.6
51	Swietenia mahagonii	West Indies Mahogany	25	40	18	remove		18.0
52	Bucida buceras	Black Olive	20	25	13	remove		13.0
53	Bucida buceras	Black Olive	16	20	8	remove		8.0
54	Bucida buceras	Black Olive	20	22	10.2	remove		10.2
55	Bucida buceras	Black Olive	22	22	9.8	remove		9.8
56	Bucida buceras	Black Olive	20	20	9.3	remove		9.3
57	Bucida buceras	Black Olive	20	20	7.2/7.8	remove		15.0
58	Bucida buceras	Black Olive	20	20	7.4	remove		7.4
59	Bucida buceras	Black Olive	26	30	19.2	remove		19.2
60	Bucida buceras	Black Olive	30	30	17.6	remove		17.6
61	Casuarina equisetifolia	Australian Pine	60	25	20.4	remove	invasive exotic	20.4
62	Casuarina equisetifolia	Australian Pine	60	25	16.6	remove	invasive exotic	16.6
63	Bucida buceras	Black Olive	40	30	14.6	remove		14.6
64	Bucida buceras	Black Olive	40	30	16.3	remove		16.3
65	Bucida buceras	Black Olive	50	35	18.9	remove		18.9
66	Noronhia emarginata	Madagascar Olive	25	25	8.5/14.2	keep		
67	Schefflera actinophylla	Umbrella Tree	26	20	6.0/6.3	keep	invasive exotic	
68	Casuarina equisetifolia	Australian Pine	60	30	43.8	keep	invasive exotic	
69	Swietenia mahagonii	West Indies Mahogany	24	12	7	keep		

EXISTING TREE DISPOSITION LIST									
KEY	BOTANICAL NAME	COMMON NAME	SIZE			DISPOSITION	NOTES	MITIGATION DBH.(in.)	
			HT.(ft.)	SPD.(ft.)	DBH.(in.)				
70	Bucida buceras	Black Olive	28	30	22.5	keep			
71	Bucida buceras	Black Olive	40	30	28.2	keep			
72	Conocarpus erectus Sericeus	Silver Buttonwood	20	20	7.8/7.2/10.1	remove		25.1	
73	Conocarpus erectus Sericeus	Silver Buttonwood	20	20	8.2/12.0	remove		20.2	
74	Coccoloba uvifera	Seagrape	26	26	6.9/5.5/6.5/ 14.2/7.0/5.9/9.9	remove		55.9	
75	Coccoloba uvifera	Seagrape	22	20	5.2/6.9/7.5	remove		19.6	
76	Coccoloba uvifera	Seagrape	18	16	12	remove		12.0	
77	Dyopsis lutescens	Areca Palm	12	10	multi	remove		too small	
78	Swietenia mahagonii	West Indies Mahogany	25	15	12.2	keep			
79	Dyopsis lutescens	Areca Palm	12	10	multi	keep			
80	Bucida buceras	Black Olive	25	25	14.4	keep			
81	Chonisia speciosa	Silk Floss Tree	16	16	16.5	remove		16.5	
TOTAL DBH INCHES TO BE REMOVED								547.1	
TOTAL PALMS TO BE REMOVED								1 palm	
TOTAL DBH INCHES MITIGATION REQUIRED								184 - 2" DBH trees + 1 - 2" DBH tree (for palms) = 370 DBH total	
TOTAL DBH INCHES MITIGATION PROVIDED (refer to Planting Plan)								531 total DBH (as a combination of 2", 4", & 6" DBH trees)	
Denotes Specimen Tree									

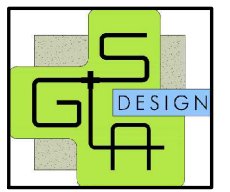


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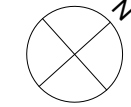
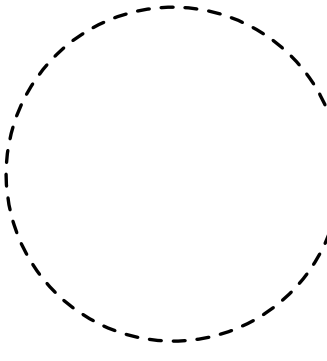
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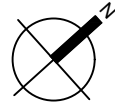


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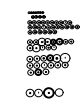
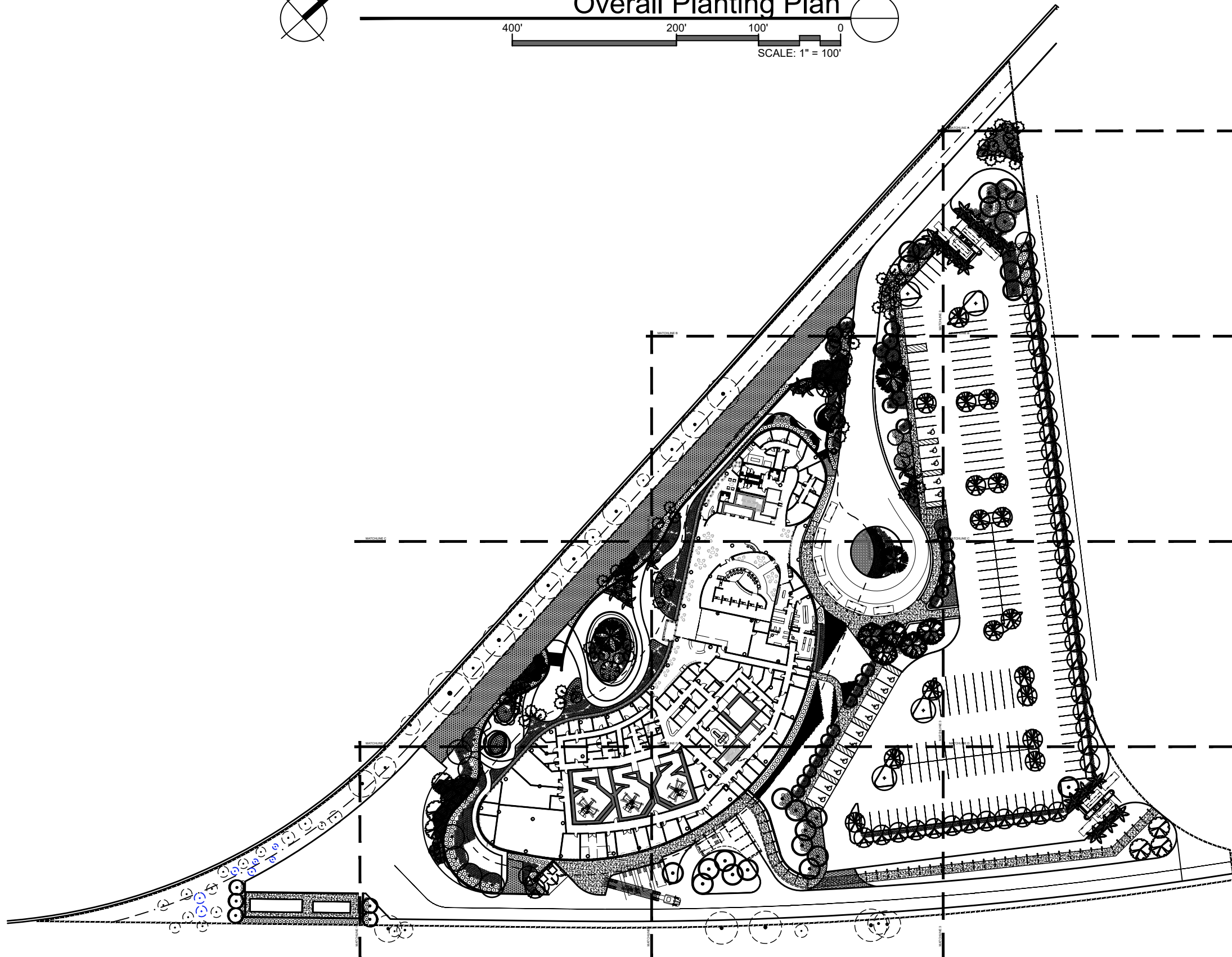
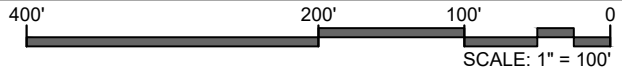


Landscape

LA015



Overall Planting Plan

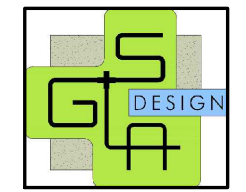


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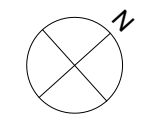
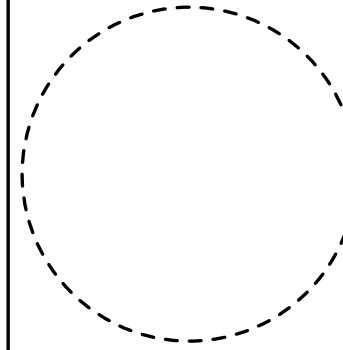
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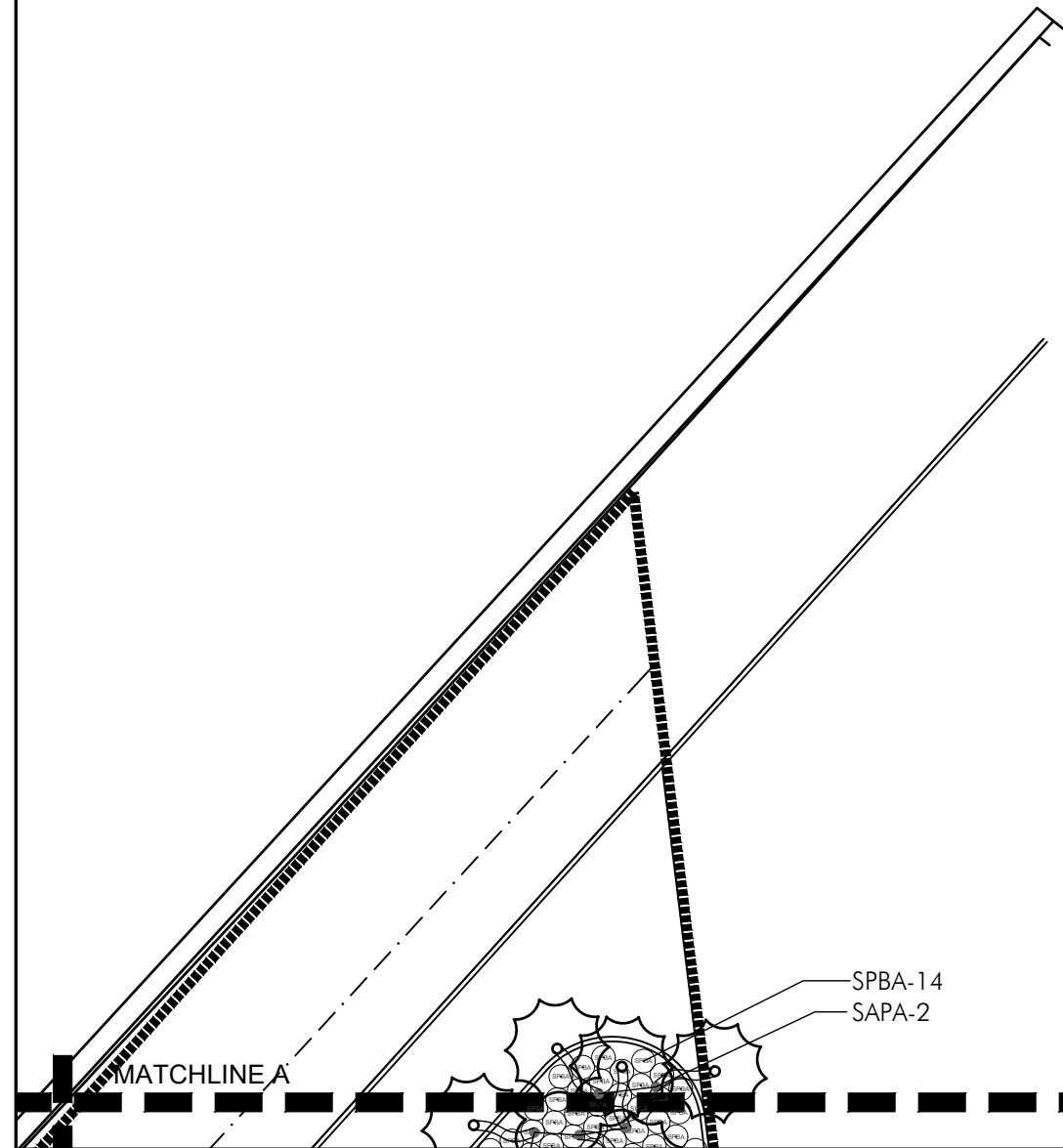
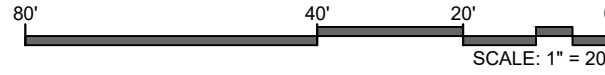


Landscape

LA016



Planting Plan

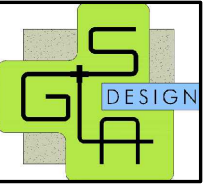


Mount Sinai
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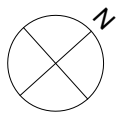
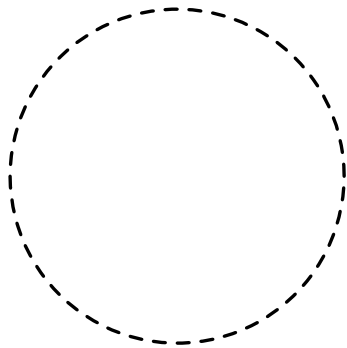
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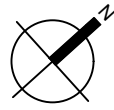


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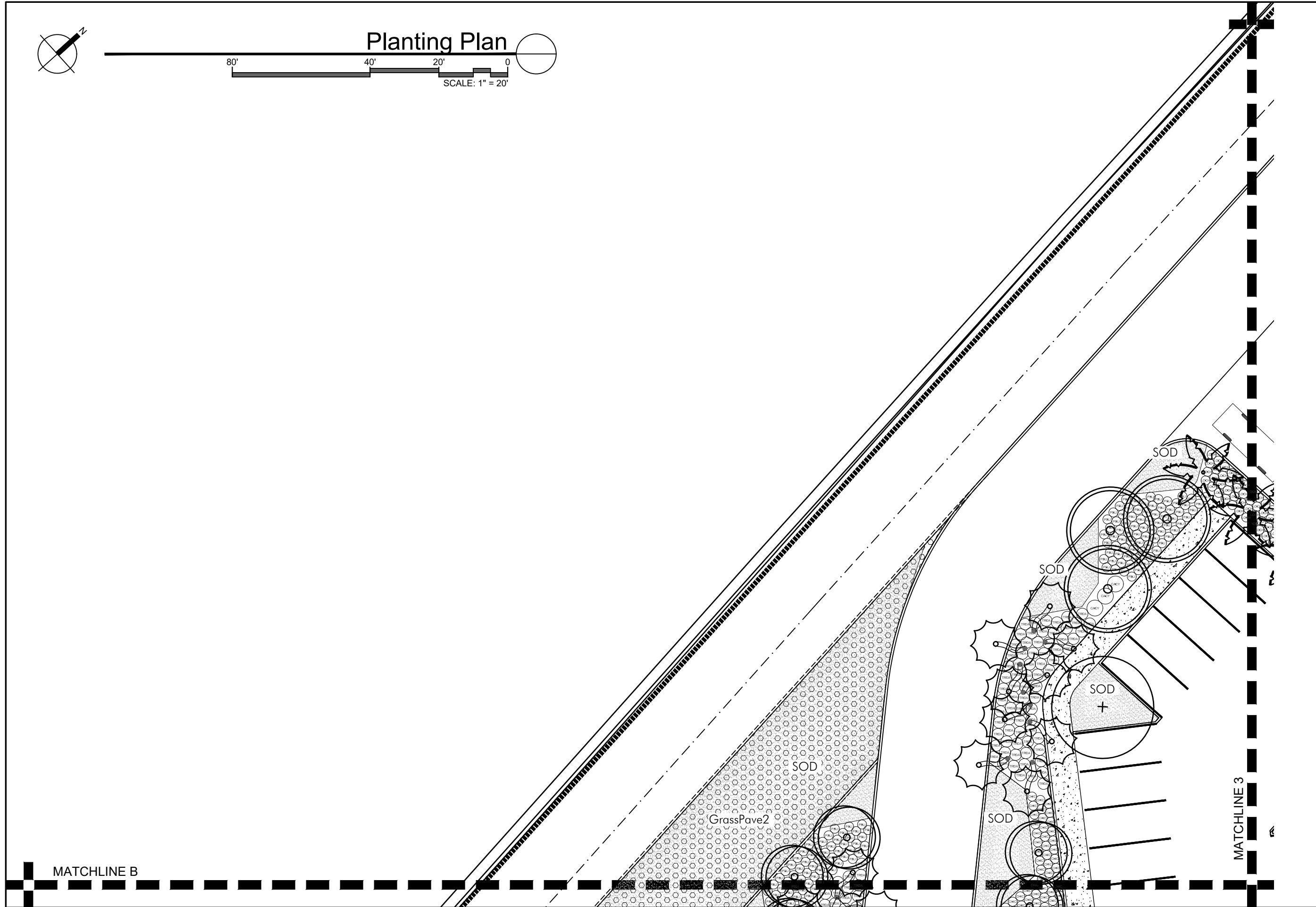
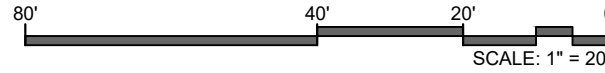


Landscape

LA017



Planting Plan

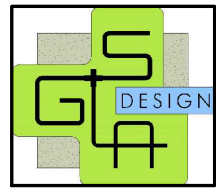


Mount Sinai
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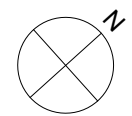
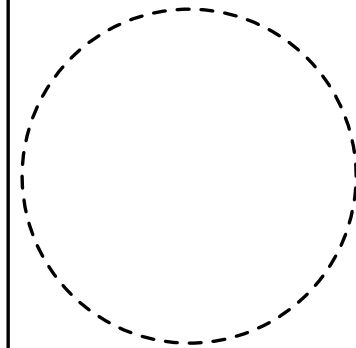
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SOLUTIONS

LANGAN

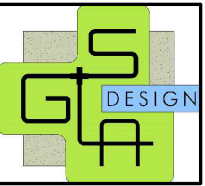
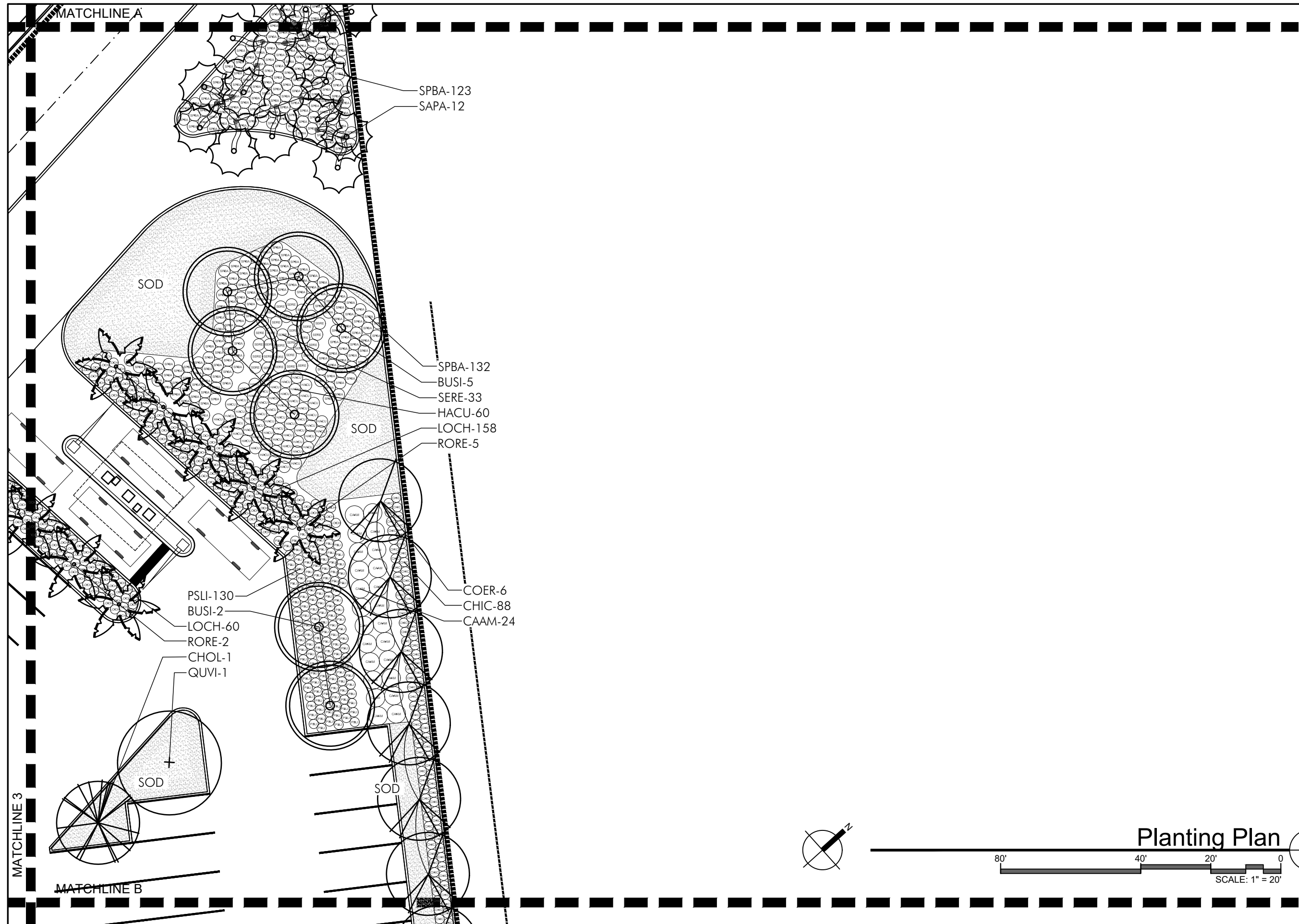


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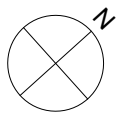
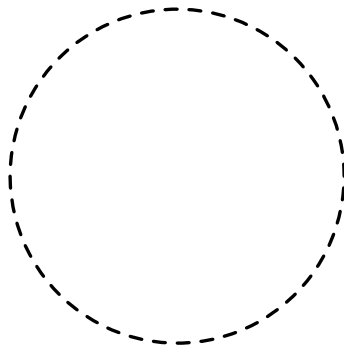


Landscape

LA018

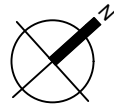


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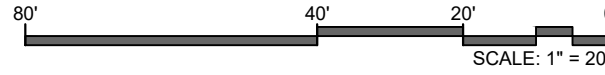


Landscape

LA019



Planting Plan

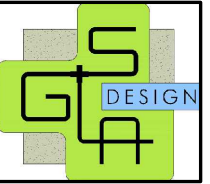


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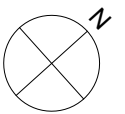
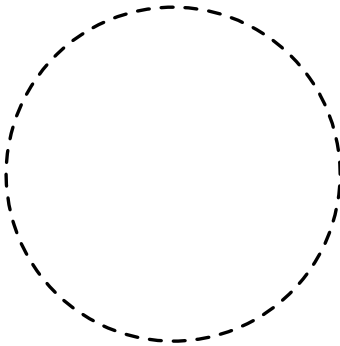
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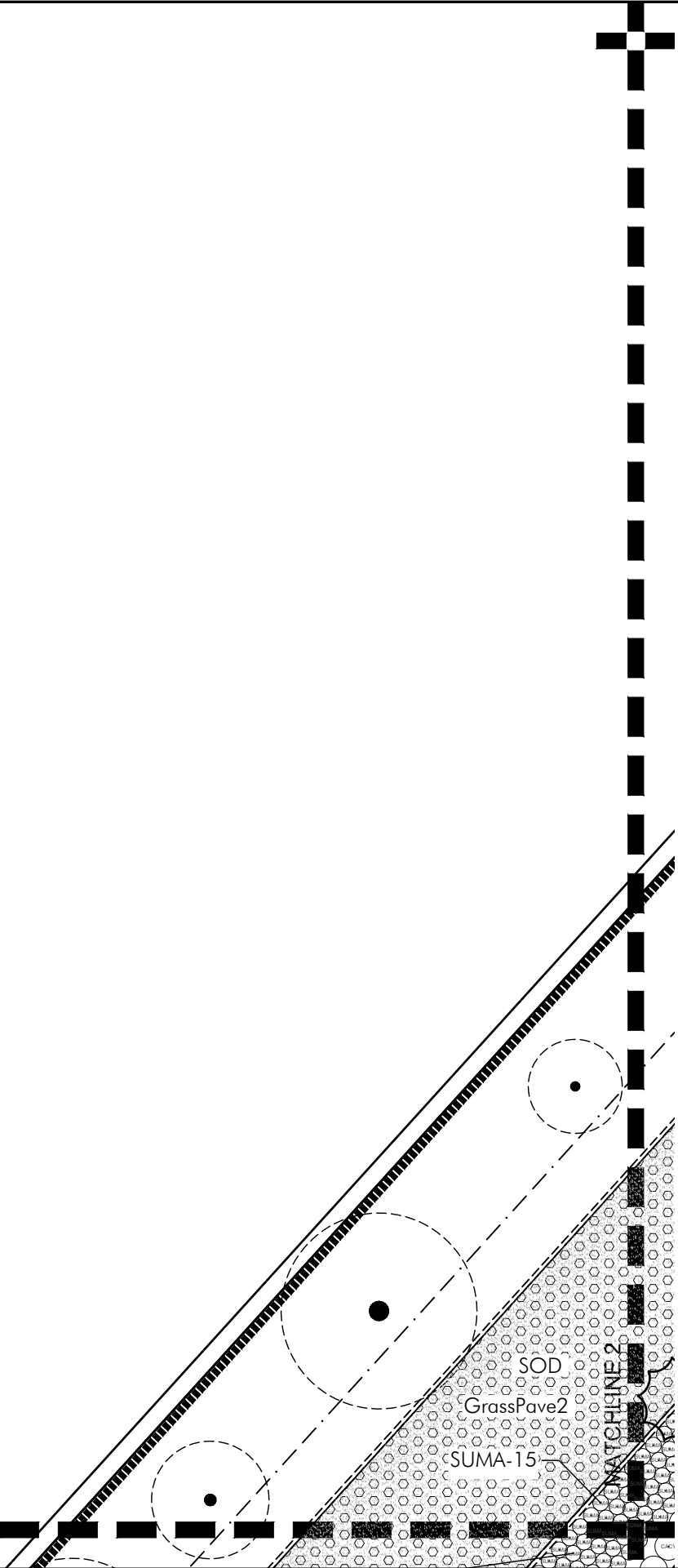
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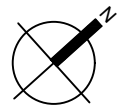
Landscape

LA020

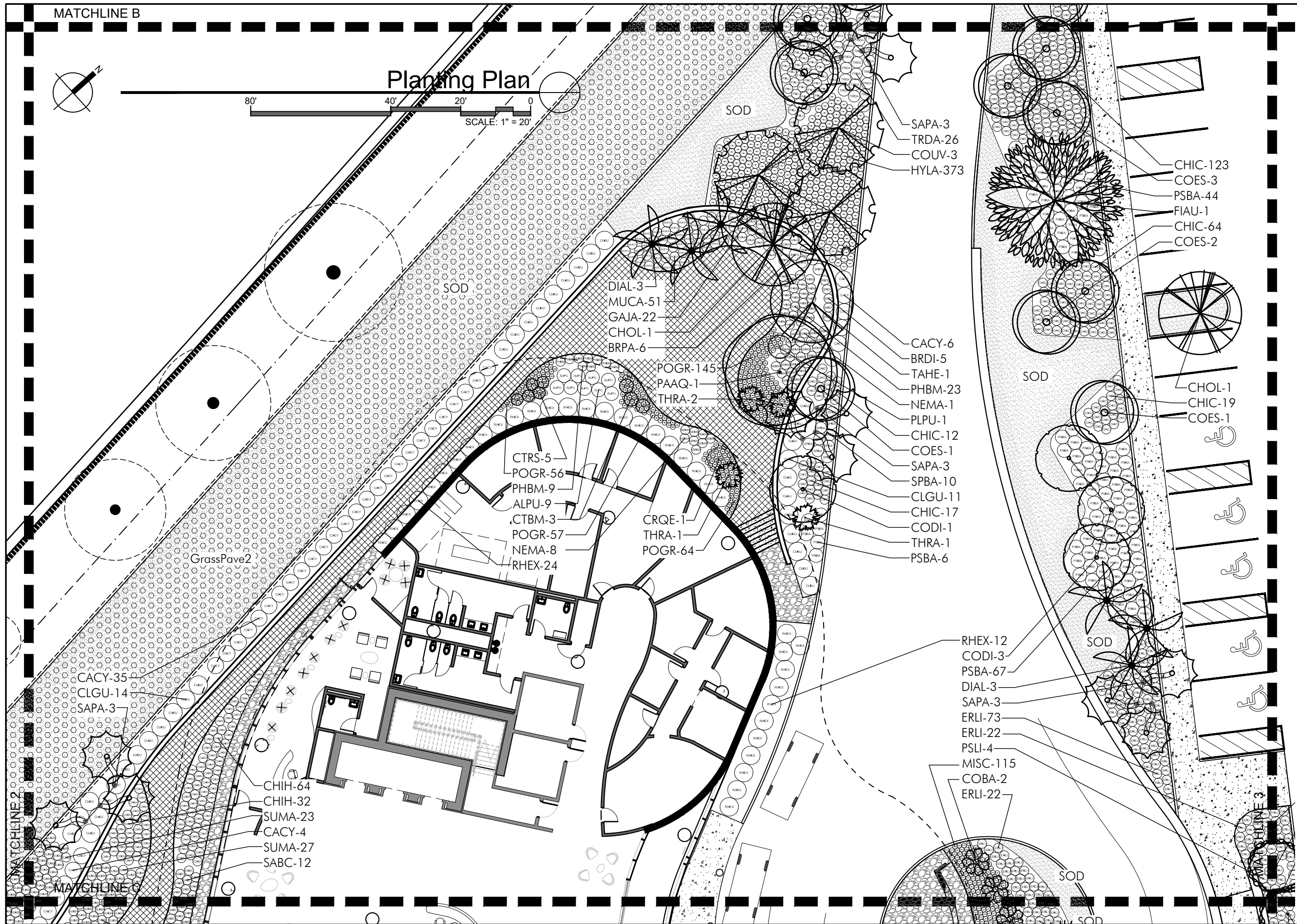
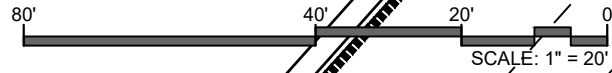
MATCHLINE C



MATCHLINE B



Planting Plan

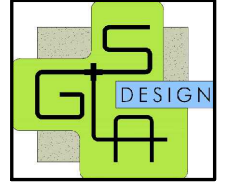


Mount Sinai
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Braman Cancer Center

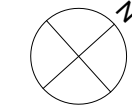
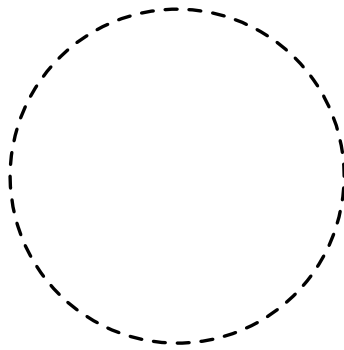
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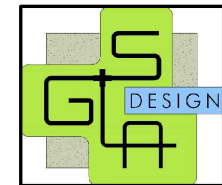
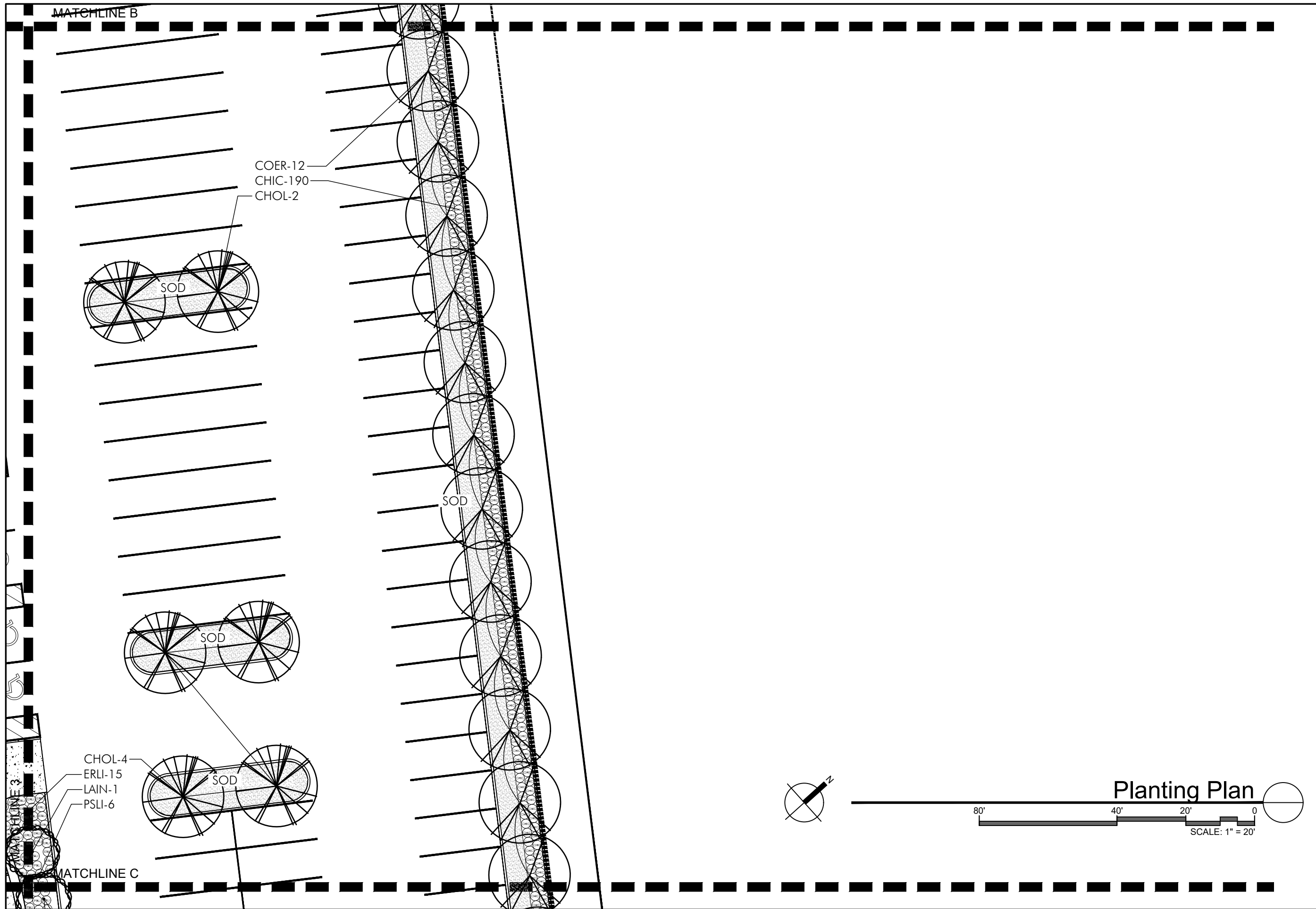


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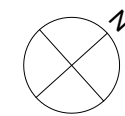
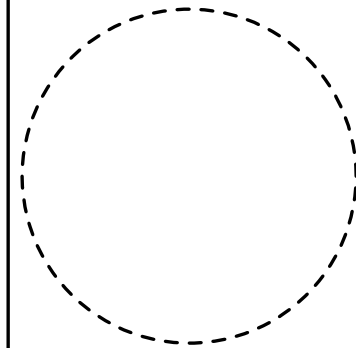


Landscape

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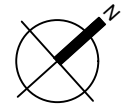
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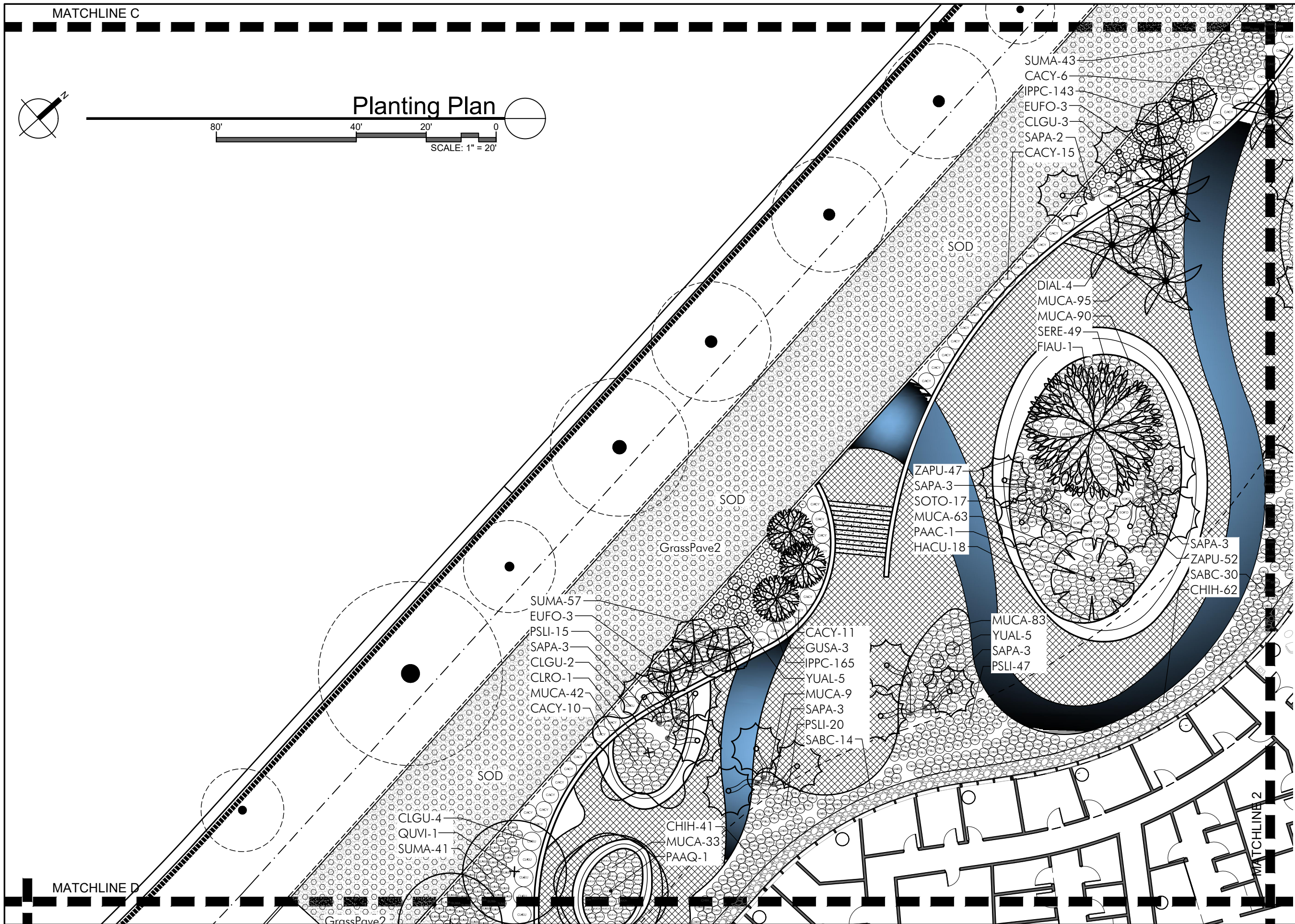
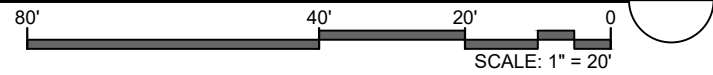
Landscape

LA022

MATCHLINE C



Planting Plan

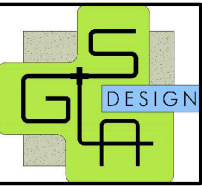


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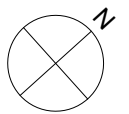
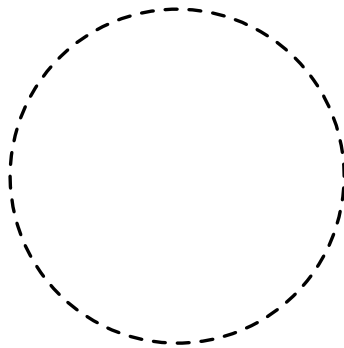
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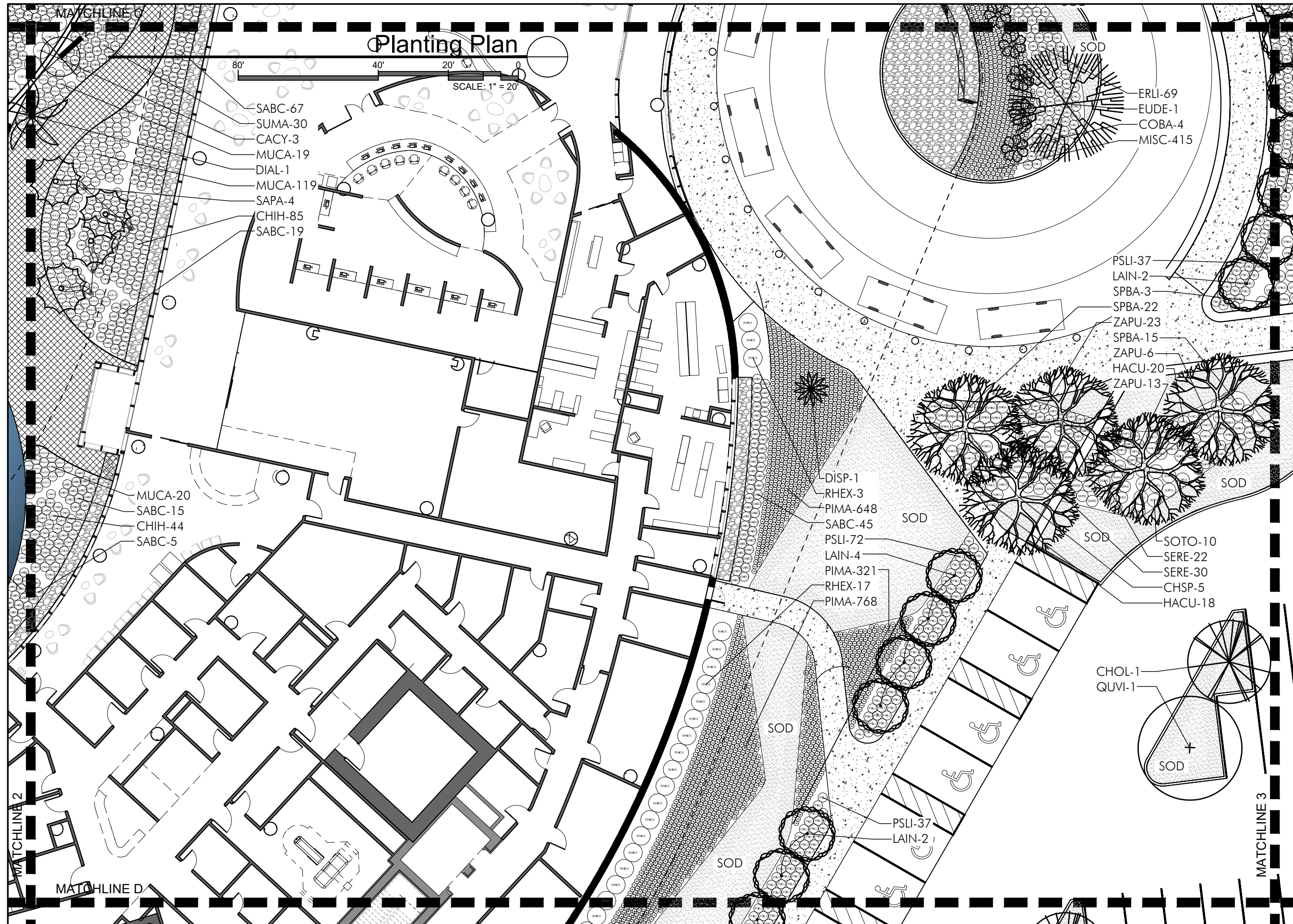


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Landscape

LA023



Planting Plan

80' 40' 20' 0'
SCALE: 1" = 20'

- SABC-67
- SUMA-30
- CACY-3
- MUCA-19
- DIAL-1
- MUCA-119
- SAPA-4
- CHIH-85
- SABC-19

- ERLI-69
- EUDE-1
- COBA-4
- MISC-415

- PSLI-37
- LAIN-2
- SPBA-3
- SPBA-22
- ZAPU-23
- SPBA-15
- ZAPU-6
- HACU-20
- ZAPU-13

- DISP-1
- RHEX-3
- PIMA-648
- SABC-45
- PSLI-72
- LAIN-4
- PIMA-321
- RHEX-17
- PIMA-768

- L-SOTO-10
- SERE-22
- SERE-30
- CHSP-5
- HACU-18

- CHOL-1
- QUVI-1

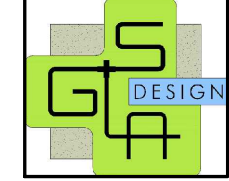
- PSLI-37
- LAIN-2

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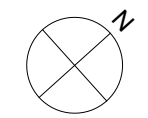
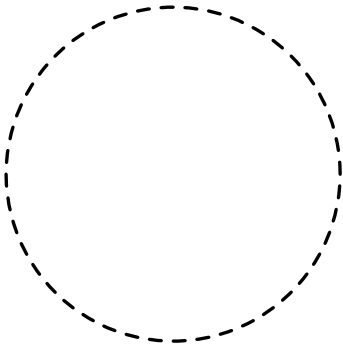
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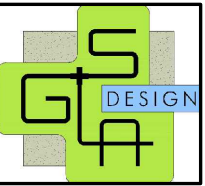
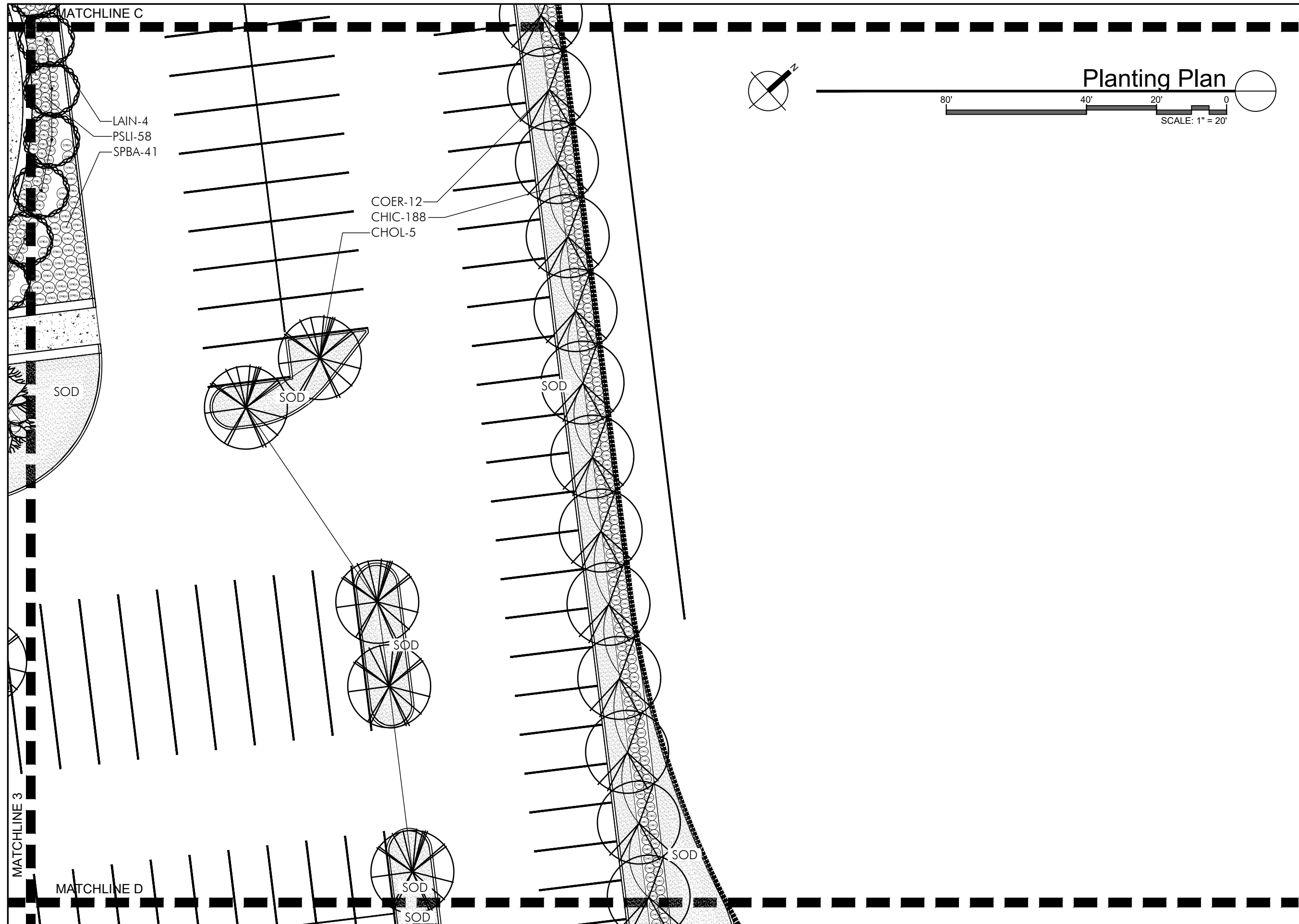


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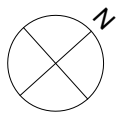
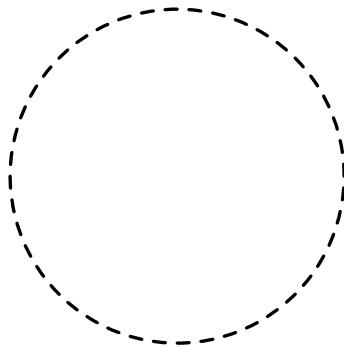


Landscape

LA024



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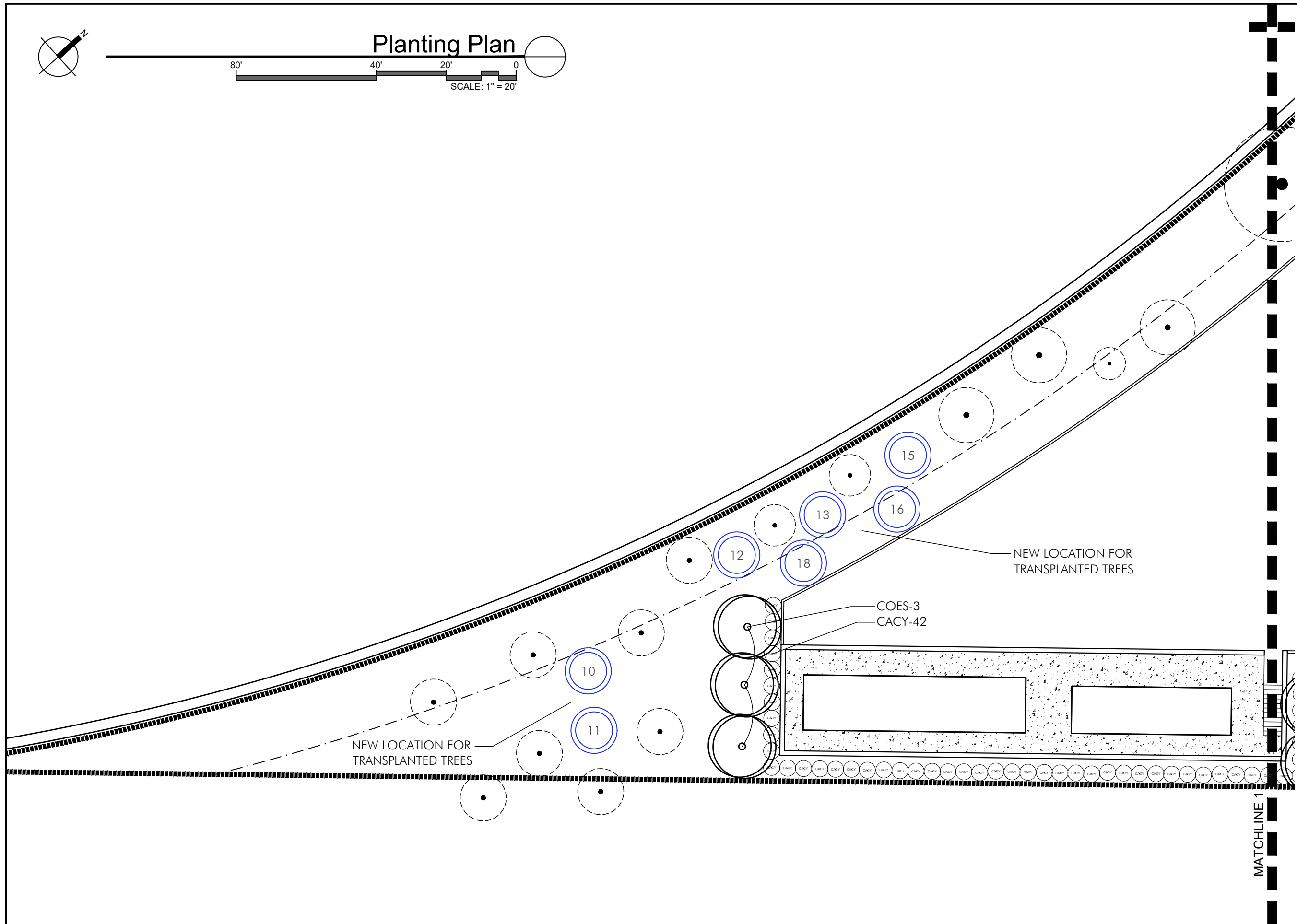
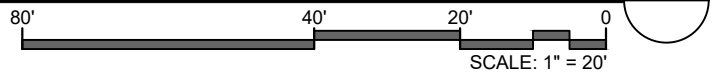


Landscape

LA025



Planting Plan

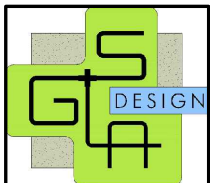


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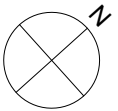
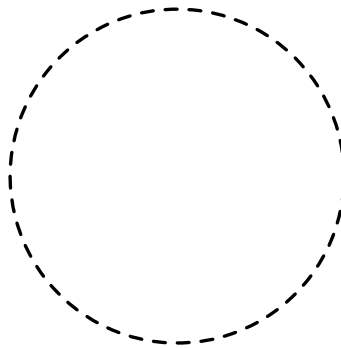
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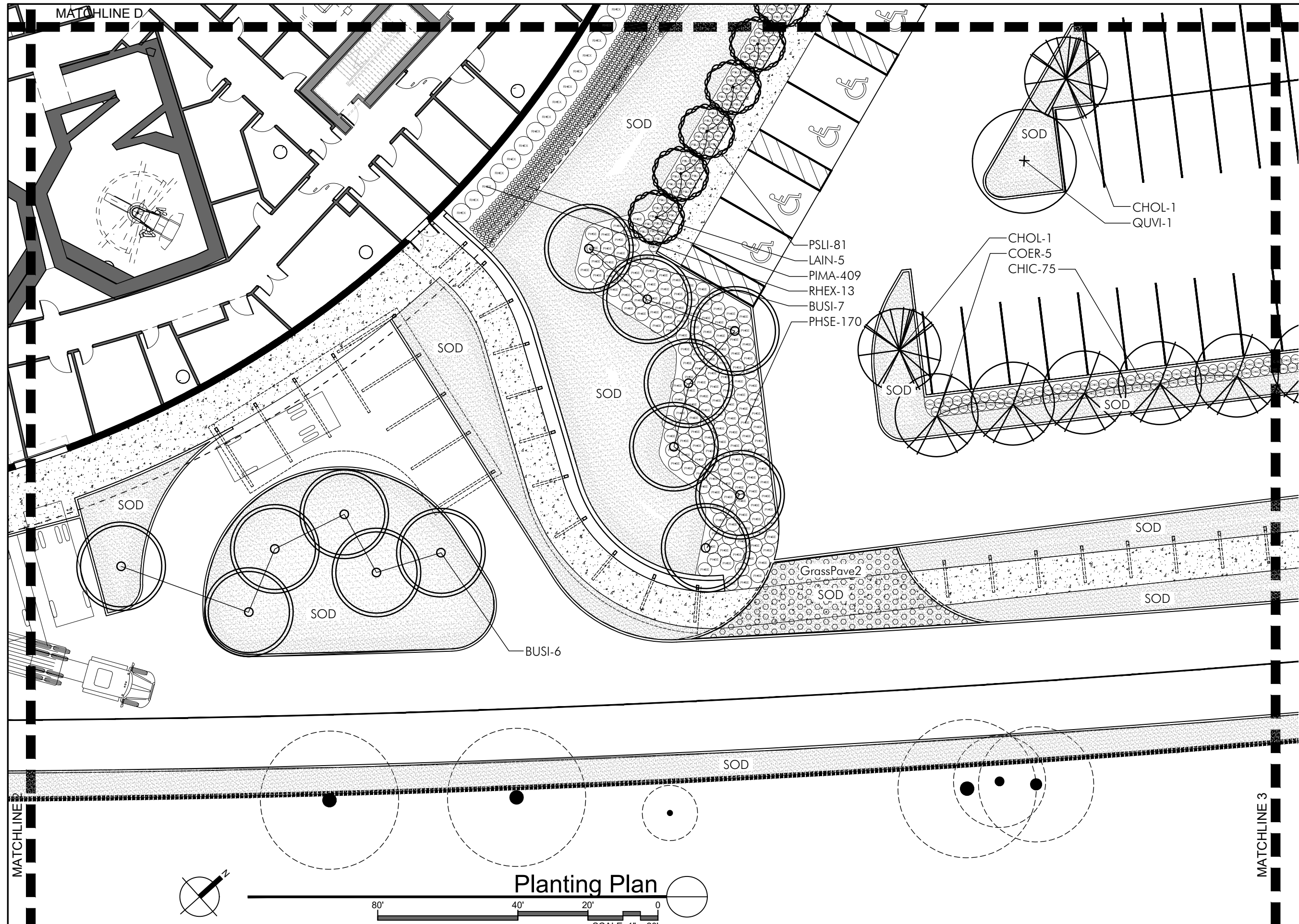


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Landscape

LA026

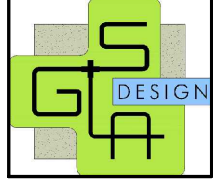


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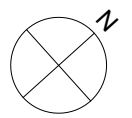
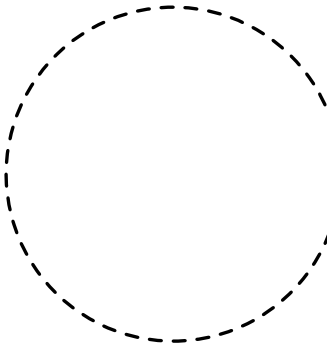
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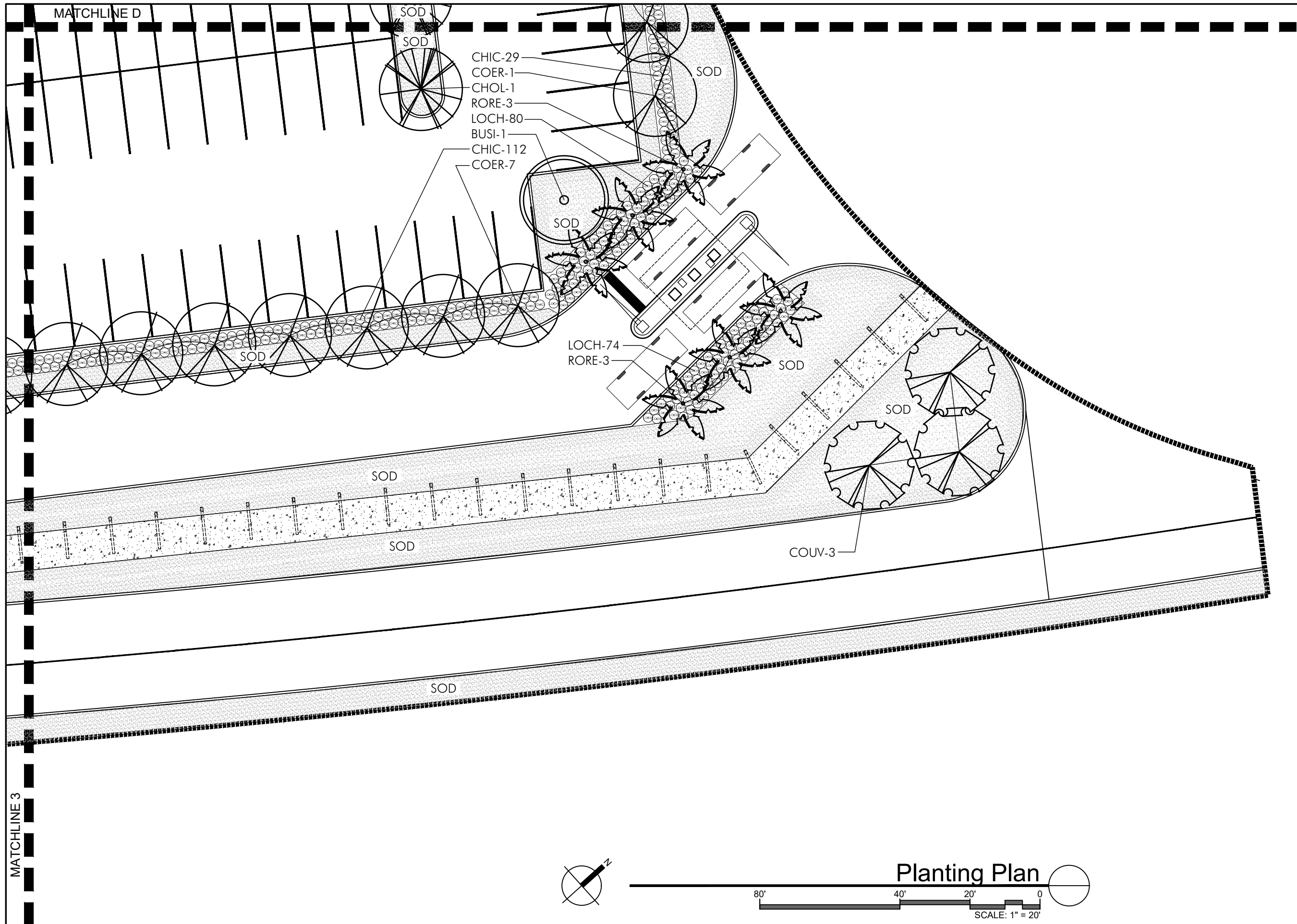


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Landscape

LA028

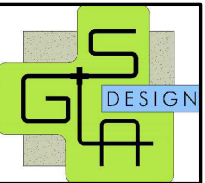


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 Braman Cancer Center

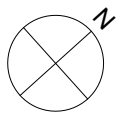
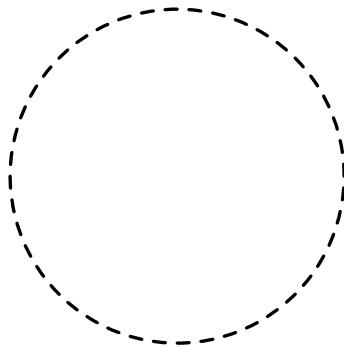
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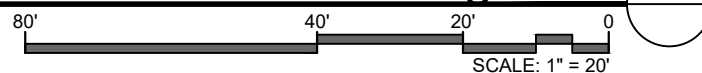


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Landscape

Planting Plan



LA029

**CITY OF MIAMI BEACH
LANDSCAPE LEGEND**

INFORMATION REQUIRED TO BE PERMANENTLY AFFIXED TO PLANS

Zoning District	HD	Lot Area	6.81	Acres	296.901
OPEN SPACE					
A. Square feet of required Open Space as indicated on site plan: Lot Area = 296,901 s.f. x N/A % = 8,768 s.f.		REQUIRED/ ALLOWED	N/A	PROVIDED	N/A
B. Square feet of parking lot open space required as indicated on site Number of parking spaces _ x 10 s.f. parking space =		0	0		
C. Total square feet of landscaped open space required: A+B=		N/A	N/A		
LAWN AREA CALCULATION					
A. Square feet of landscaped open space required		N/A			
B. Maximum lawn area (sod) permitted= 50 % x _____ s.f.		N/A	N/A		
TREES					
A. Number of trees required per lot or net lot acre, less existing number of trees meeting minimum requirements = 28 trees / acre (28 x 1.01 acres = 192 trees - number of existing trees (35) = 157 new		157	175 + 35 existing trees		
B. % Natives required: Number of trees provided x 30% =		58	177		
C. % Low maintenance / drought and salt tolerant required: Number of trees provided x 50%=		96	177		
D. Street Trees (maximum average spacing of 20' o.c.) N/A linear feet along street divided by 20'= N/A trees		N/A	N/A		
E. Street tree species allowed directly beneath power lines: (maximum average spacing of 20' o.c.): 0 linear feet along street divided by 20'= 0 trees		N/A	N/A		
SHRUBS					
A. Number of shrubs required: Sum of lot and street trees required x		2,304	5,568		
B. % Native shrubs required: Number of shrubs provided x 50%=		1,152	4,676		
LARGE SHRUBS OR SMALL TREES					
A. Number of large shrubs or small trees required: Number of required shrubs x 10%=		231	275		
B. % Native large shrubs or small trees required: Number of large shrubs or small trees provided x 50%=		116	205		

NOTES:
WHEN SUBMITTING PLANS FOR THE TREE REMOVAL PERMIT, AN ARBORIST'S REPORT SHALL BE SUBMITTED.

ALL LANDSCAPED AREAS SHALL BE IRRIGATED WITH AN AUTOMATIC IRRIGATION SYSTEM TO PROVIDE 100% COVERAGE WITH 100% OVERLAP OF SPRAY. THE IRRIGATION SYSTEM SHALL BE EQUIPPED WITH A RAIN SHUT-OFF DEVICE.

WHERE TREE ROOTS WILL IMPACT ADJACENT PAVEMENTS, A SUSPENDED PAVEMENT SYSTEM SHALL BE UTILIZED TO ENSURE ADEQUATE ROOM FOR THE ROOT ZONE.

PLANT LIST

KEY	PLANT NAME	QTY.	UT.	SIZE
TREES				
BUSI	Bursera simaruba ..Gumbo Limbo	24	ea.	16' tall x 6' spread, 4" DBH, 4' CT min.
CHOL	Choriophylla oliviforme ..Satinleaf	18	ea.	12' tall x 6' spread, 2" DBH, 4' CT min.
CHSP	Chorisia speciosa ..Silk Floss Tree	5	ea.	18' tall x 8' spread, 6" DBH, 6' CT min.
CLRO	Clusia rosea ..Pitch Apple	1	ea.	18' tall x 8' spread, 6" DBH, 6' CT min.
CODI	Coccoloba diversifolia ..Pigeon Plum	4	ea.	12' tall x 6' spread, 2" DBH, 4' CT min.
COER	Conocarpus erectus ..Green Buttonwood	45	ea.	16' tall x 6' spread, 4" DBH, 4' CT min.
COES	Conocarpus erectus "Sericeus" ..Silver Buttonwood	16	ea.	12' tall x 6' spread, 3 trunks (totalling 2" min. DBH) lifted to tree form
COUV	Coccoloba uvifera ..Seagrape	11	ea.	12' tall x 6' spread, 2" DBH, 4' CT min.
EUDE	Eucalyptus degulpta ..Rainbow Eucalyptus	1	ea.	18' tall x 8' spread, 6" DBH, 6' CT min.
EUFO	Eugenia foetida ..Spanish Stopper	9	ea.	10' tall x 5' spread, 3 trunks (totalling 2" min. DBH) lifted to tree form
FIAU	Ficus aurea ..Strangler Fig	1	ea.	18' tall x 8' spread, 6" DBH, 6' CT min.
GUSA	Guaicum sanctum ..Lignum vitae	3	ea.	8' tall x 4' spread, 1 1/2" DBH
LAIN	Lagerstroemia indica "Tuscorora" ..Tuscorora Crepe Myrtle	18	ea.	12' tall x 6' spread, 2" DBH, 4' CT min.
PAAQ	Pachyra aquatica ..Water Chestnut	2	ea.	16' tall x 6' spread, 4" DBH, 4' CT min.
QUVI	Quercus virginiana ..Live Oak	11	ea.	16' tall x 6' spread, 4" DBH, 4' CT min.
TAHE	Tabebuia heterophylla ..Pink Trumpet Tree	1	ea.	12' tall x 6' spread, 2" DBH, 4' CT min.
PALMS				
KEY	PLANT NAME	QTY.	UT.	SIZE
COBA	Copernicia baileyana ..Bailey Fan Palm	6	ea.	5' tall overall, matched
DIAL	Dictyosperma alba ..Hurricane Palm	11	ea.	16' tall overall
RORE	Roystonea regia ..Royal Palm	15	ea.	25' tall overall, matched overall and GW heights
SAPA	Sabal palmetto ..Sabal Palm	57	ea.	(19) @ 18' tall overall; (19) @ 24' tall overall; (19) @ 30' tall overall; hurricane cut, smooth trunk, heavily leaning
THRA	Thrinax radiata ..Green Thatch Palm	4	ea.	6' tall overall
LARGE SHRUBS OR SMALL TREES				
KEY	PLANT NAME	QTY.	UT.	SIZE
CACY	Capparis cynophallophora ..Jamaican Caper	155	ea.	6' tall x 3 1/2', full to ground
CLGU	Clusia guttifera ..Dwarf Clusia	50	ea.	6' tall x 3 1/2', full to ground
PLPU	Plumeria pudica ..Bridal Bouquet	1	ea.	8' tall overall, 3 PPP
RHEX	Rhapis excelsa ..Lady Palm	69	ea.	6' tall x 3 1/2', multi, full to ground
SHRUBS				
KEY	PLANT NAME	QTY.	UT.	SIZE
ALPU	Alpinia purpurea ..Red Ginger	9	ea.	36" X 24"
BRDI	Breynia distica ..Snow on the Mountain	5	ea.	24" x 24"
BRPA	Brunfelsia pauciflora ..Yesterday, Today and Tomorrow	6	ea.	30" x 24"
CAAM	Callicarpa americana ..Beautyberry	82	ea.	30" x 24"
CHIC	Chrysobalanus icaco ..Cocoplum	949	ea.	24" x 24"

CHIH	Chrysobalanus icaco 'horizontalis' ..Dwarf Cocoplum	752	ea.	12" x 18"
CRQE	Crinum augustum Queen Emma ..Queen Emma Crinum Lily	1	ea.	48" x 48"
CTBM	Cordyline terminalis "Black Magic" ..Black Magic Hawaiian Ti	3	ea.	48" tall, 2-3 PPP
CTRS	Cordyline terminalis "Red Sister" ..Red Sister Hawaiian Ti	5	ea.	48" tall, 2-3 PPP
DISP	Dioon spinulosum ..Giant Dioon	1	ea.	48" x 48"
ERU	Ernodea littoralis ..Golden Creeper	202	ea.	12" x 18"
GAJA	Gardenia jasminoides ..Gardenia	22	ea.	24" x 24", variety to be selected
HACU	Hamelia cuprea ..Dwarf Firebush	117	ea.	24" x 24"
LOCH	Loropetalum chinense ..Chinese Fringe Flower	399	ea.	18" x 18"
MUCA	Muhlenbergia capillaris ..Muhly Grass	640	ea.	24" x 18"
NEMA	Nephrolepis bisserata "Macho" ..Macho Fern	34	ea.	24" x 18"
PHBM	Philodendron Burle Marxi ..Philodendron Burle Marx	33	ea.	18" x 18"
PHSE	Philodendron selloum	169	ea.	24" x 24", mature leaves
PSBA	Psychotria bahamensis ..Wild Coffee	117	ea.	24" x 24"
PSLI	Psychotria ligustrifolia ..Dwarf Coffee	683	ea.	18" x 18"
SABC	Sansevieria trifasciata "Black Coral" ..Black Coral Snake Plant	205	ea.	18" x 12"
SERE	Serenoa repens ..Saw Palmetto	134	ea.	24" x 24", silver leaves
SOTO	Sophora tomentosa ..Necklace Pod	27	ea.	24" x 24"
SPBA	Spatina bakerii ..Sand Cordgrass	361	ea.	24" x 18"
SUMA	Suriana maritima ..Bay Cedar	357	ea.	24" x 24"
TRDA	Tripsacum dactyloides ..Fakahatchee Grass	104	ea.	30" x 24"
YUAL	Yucca alopholia ..Spanish Bayonette	10	ea.	4' tall overall
ZAPU	Zamia pumila ..Coontie	141	ea.	18" x 18"

KEY	PLANT NAME	QTY.	UT.	SIZE
GROUNDCOVERS				
HYLE	Hymenocallis latifolia ..Spider Lily	903	ea.	1 gallon cans
IPPC	Ipomea pes capre ..Railroad Vine	308	ea.	1 gallon cans
MISC	Microsorium scolopendria ..Wart Fern	532	ea.	1 gallon cans
PIMA	Pilea macrophylla ..Artillery Fern	2148	ea.	1 gallon cans

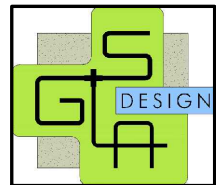
MISCELLANEOUS				
Planting Soil 70% Silica Sand 20% Everglades Muck 10% Shredded Pinebark	as req.	cy.		excavate and backfill 18" depth in all planting areas.
Shredded Melaleuca Mulch	as req.	c.y.		3" layer in all shrub beds
GrassPave2	as req.	sf.		install as per manufacturer's specifications

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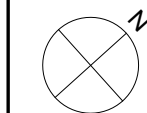
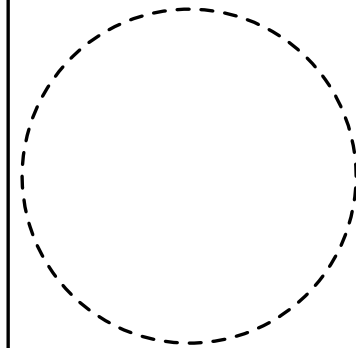
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Landscape

LA030

**LANDSCAPE SPECIFICATIONS
PART 1 - GENERAL**

1.1 SCOPE

A. Contractor shall provide all labor, materials, equipment, supervision, and related work necessary to complete the landscape work in accordance with the intent of the landscape plans, schedules and these specifications. The extent of work is shown on the drawings which are a part of this document.

1.2 CONTRACTOR QUALIFICATIONS

A. Landscape installation work to be performed by a Contractor Certified by the Florida Nurserymen, Growers and Landscape Association (FNGLA) as a Certified Landscape Contractor. Any pruning to be supervised by an Arborist, certified by the International Society of Arboriculture (ISA) and licensed in County where work is performed.

1.3 INVESTIGATION OF UTILITIES

A. Prior to beginning work, the Contractor shall be responsible to locate existing underground utilities. Check with all utility companies and Sunshine State, call (811).

1.4 SUBSTITUTIONS

A. Only materials specified will be accepted, unless approved in writing by the Landscape Architect in advance.

1.5 PLANT SIZES

A. All plant sizes shall equal or exceed the minimum sizes as specified in the plant list. If plant sizes of local codes and ordinances require larger plant material than specified on plans, then they shall supercede the sizes on the plan. When plant sizes are specified as a range of size, installed materials shall average the mean of the range specified. Plants shall be measured following pruning, with branches in normal position. All necessary pruning shall be done at the time of planting.

1.6 PLANT QUALITY

A. All plant material shall be equal to or better than Florida No. 1 as classified by "Grades and Standards for Nursery Plants" by the Division of Plant Industry, Florida Department of Agriculture. They shall have a growth habit that is normal for the species; healthy, vigorous, free from insects, disease and injury.

B. The Owner or Landscape Architect reserves the right to refuse any plant material which does not conform to the intent of the written specifications or design.

C. CIRCLING ROOTS FOUND ON CONTAINER-GROWN MATERIAL WILL NOT BE ACCEPTED UNLESS REMEDIAL ROOT PRUNING, APPROVED BY THE LANDSCAPE ARCHITECT IS DONE BEFORE PLANTING.

1.7 PLANT QUANTITY

A. The plant quantities shown on the plant list are to be used only as an aid to bidders. In the case of discrepancy between the plant list and the plan, the quantity on the plan shall override the plant list.

1.8 UNIT PRICES

A. The successful bidder shall furnish to the Owner and the Landscape Architect, a unit price breakdown for all materials. The Owner may, at his discretion, add to or delete from the materials utilizing the unit price breakdown submitted to and accepted by the Owner.

1.9 SUBMITTALS

A. Fertilizer: The Contractor shall submit to the Owner and Landscape Architect documentation that all the fertilizer used for the project is of the analysis specified and placed at the rates specified in section 2.2 FERTILIZER.

B. Planting soil: The Contractor shall submit a sample of the planting soil (approximately 1 cu. Ft.) for approval by the Landscape Architect prior to delivery to the site.

1.10 CLEAN-UP & MAINTENANCE OF TRAFFIC

A. Follow procedures in FDOT Index 600 for maintenance of traffic during construction.

B. At the end of each work day, the Contractor shall remove debris and shall barricade the un-filled holes in a manner appropriate in the path of pedestrians and motorists.

C. Upon completion of the work or any major portion of the work or as directed by the Landscape Architect, all debris and surplus material from his work shall be removed from the job site.

1.11 MAINTENANCE PRIOR TO ACCEPTANCE

A. The Contractor is responsible to maintain the plantings until they are accepted under the provisions of 1.12 "ACCEPTANCE OF INSTALLATION".

1. Plants: Begin maintenance immediately following the final plant installation operation for each plant and continue until all plant installation is complete and accepted. Maintenance shall include watering all plants, weeding, mulching, pest and disease control, tightening and repairing of guys, repair of braces, removal of dead growth, resetting of plants to proper grade or up-right position, restoration of plant saucer, litter pick-up in plant beds and other necessary operations to assure specified minimum grade of Florida No. 1.

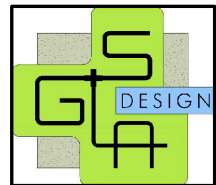
2. Turf Areas: Begin maintenance of turf immediately following the placement of sod and continue until sod installation is complete and accepted. Maintenance shall include but not be limited to, watering, leveling, mowing, weed and pest control, fungus and disease control and other necessary operations as determined by the Landscape Architect and good nursery practice.

3. Re-setting or straightening trees and palms:

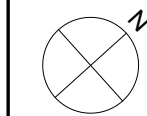
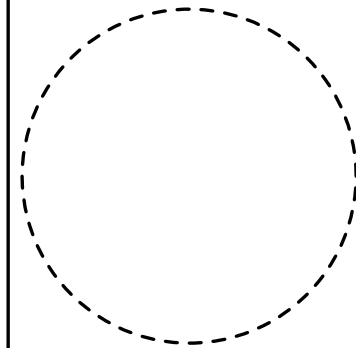
The Contractor shall re-set and/or straighten trees and palms as required at no additional cost to the Owner unless caused by sustained winds of 75 mph or more. Then, the costs of the operations may be charged to the owner. Re-set trees within 48 hours.

1.12 ACCEPTANCE OF INSTALLATION

A. Inspection: Inspection of the work, to determine completion of contract work, exclusive of the possible replacement of plants and turf, will be made by the Landscape Architect at the conclusion of the maintenance period. Written notice requesting such an inspection and submitted by the Contractor at least ten (10) days prior to the anticipated date.



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1.13 GUARANTEE

A. Guarantee all plants for a period of one year (CCD). Guarantee shall commence from the date of written acceptance. Plant material which is on the site and scheduled to be relocated is not covered by the guarantee except in the case of Contractor's negligence or work that has been done in an unworkman-like manner. The Contractor is not responsible for loss due to acts of god, (i.e.) sustained winds of 75 mph or more, floods, frost, lightning, vandalism or theft.

1.14 REPLACEMENT

A. Replacement shall be made during the guarantee period as directed by the Landscape Architect within ten (10) days from time of notification. For all replacement plant material, the guarantee period shall extend for an additional forty-five (45) days beyond the original guarantee period. The Contractor shall be responsible to provide water to the replacement plants in sufficient quantity to aid in their establishment. At the end of the guarantee period, inspection will be made by the Landscape Architect, upon written notice requesting such inspection and submitted by the Contractor at least five (5) days before the anticipated date. Replacement plants must meet the requirements of Florida No. 1 at time of inspection. Remove from the site all plants that are dead or in a state of unsatisfactory growth, as determined by the Landscape Architect. Replace these and any plants missing due to the Contractor's negligence as soon as conditions permit.

1. Materials and Operations: All replacement plants shall be of the same kind and size as indicated on the plant list. The Contractor shall supply and plant the plants as specified under planting operations.

2. Cost of Replacements: A sum sufficient to cover the estimated cost of possible replacements, including material and labor will be retained by the Owner and paid to the Contractor after all replacements have been satisfactorily made and approved by the Landscape Architect.

PART 2 - MATERIALS

2.1 PLANTING SOIL

A. Planting soil for trees, shrubs and ground covers shall be of the composition noted on the plans, measured by volume.

B. Soil for Sodded Areas: shall be coarse lawn sand.

2.2 FERTILIZER

A. Fertilizer for trees, palms, shrubs, and groundcovers shall be as follows: LESCO Palm Special 13-3-13 or equal, Sulfur coated with iron and other minor elements and maximum of 2% chlorine, or brand with equal analysis. The fertilizer shall be uniform in composition, dry and free flowing and shall be delivered to the site in the original unopened containers, bearing the manufacturer's guaranteed analysis. Fertilizer for sod and seeded areas shall be 8-6-8, 50% organically derived nitrogen, or equal.

2.3 WATER

A. The Contractor shall provide potable water on site, available from the start of planting. The Contractor is responsible to ascertain the location and accessibility of the water source. The Contractor is responsible to provide the means of distribution (i.e. water truck, hoses, etc.) for distribution of water to the planting areas.

2.4 MULCH

A. Mulch shall be as specified on the Plant List.

2.5 ROOT BARRIER MATERIAL

A. Root barrier material shall be 24" deep polypropolyene panels by DeepRoot or approved equal.
B. Install per details in the plans.

PART 3 - INSTALLATION PROCEDURES

3.1 LAYOUT

A. Verify location of all underground utilities and obstructions prior to excavation.

3.2 HERBICIDE TREATMENT

A. In all areas infected with weed and/or grass growth, a systemic herbicide shall be applied per manufacturer's rates. When it has been established where work will be done, the systemic herbicide shall be applied in accordance with manufacturer's labeling to kill all noxious growth. Contractor shall schedule his work to allow more than one application to obtain at least 95% kill of undesirable growth. If necessary, Contractor shall conduct a test to establish suitability of product and applicator to be used on this project, prior to execution of the full application.

3.3 PLANT PIT EXCAVATION AND BACKFILLING

A. Trees: See the Planting and Bracing Details and notes.

B. All planting holes shall be hand dug where machine dug holes may adversely affect utilities or improvements.

C. Shrubs and Groundcover: Shrubs and groundcover shall be planted in a soil bed as described in the notes and details. Space shrubs and provide setback from curb and pavements as shown in the plans.

D. Watering of field-grown plants: Thoroughly puddle in water to remove any air pockets in the plant hole.

3.4 WATERING

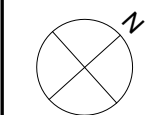
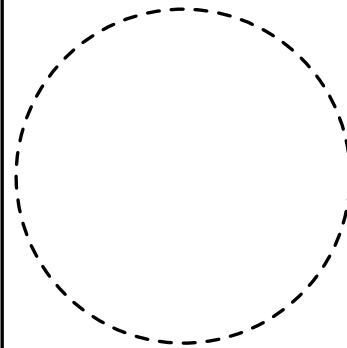
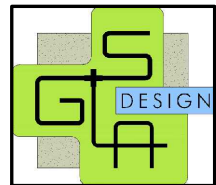
A. The Contractor is responsible to provide the water for all new plants and transplants and means of distribution (i.e. hand watering or water truck) during the maintenance period and extending into the period after acceptance until the full schedule as listed below is complete. Water for trees and other large field grown plants shall be supplemented by hand or water truck, in addition to the irrigation system, (if one is provided). Contractor can adjust watering schedule during heavy rain season upon approval of the Landscape Architect.

AMOUNT OF WATER PER APPLICATION

For trees up to 5 inch caliper - 5 gallons

From 5 to 8 inch caliper - 25 gallons

9 inch and up caliper - 50 gallons



FREQUENCY OF WATER

Daily for the first week

3 times per week for weeks 2 - 5

2 times per week for weeks 6 - 8

1 time per week for weeks 9 - 12

B. Water in plants by thoroughly soaking of the entire root ball immediately after planting. For large trees and shrubs, add water while backfilling hole to eliminate any air pockets in the soil around the root ball.

C. Water shrubs, sod and groundcover a minimum of once daily for a week or until an irrigation system is fully operational. If no irrigation system is to be installed, the Contractor shall be responsible for watering the shrub, sod, and groundcover for the time specified above, after installation of each section of the planting installed.

3.5 FERTILIZING

A. Add fertilizer on top of the surface of shrubs beds and tree and palms root balls two (2) months after installation. Fertilize sod within two (2) days after installing after planting of each segment of the job. Fertilizer shall be applied after soil has been well moistened. Fertilizer shall be washed off of plant leaves and stems immediately after application. Apply at the following rates:

1. Trees and Large Shrubs: One (1) pound per inch of trunk diameter, spread evenly over the root ball area.
2. Shrubs: One half (1/2) handful per shrub, spread evenly over the root ball area.
3. Groundcover: Twelve (12) pounds per 100 sq. ft. of bed area.
4. Sod: Twelve (12) pounds per 1,000 sq. ft. Wash fertilizer off blades immediately after spreading.

3.6 MULCHING

A. Spread mulch three (3) inches thick uniformly over the entire surface of shrubs and groundcover beds, depth measured after settling, unless otherwise specified in the plans. Provide 36" diameter bed of mulch, measured from outer edge of the trunk, for all trees and palms planted in sod areas. Keep mulch away from contact with the trunk. Create a 6" high ring of mulch at the outer edge of tree and palm holes.

3.7 GUYING AND BRACING

A. See the details bound herewith or made part of the plans.

3.8 SODDING

A. Provide a blanket of lawn sand as described in the notes in these plans. Prior to planting, remove stones, sticks, etc. from the sub-soil surface. Excavate existing non-conforming soil as required so that the finish grade of sod is flush with adjacent pavement or top of curb as well as adjacent sod in the case of sod patching.

B. Place sod on moistened soil, with edges tightly butted, in staggered rows at right angles to slopes. The sod shall be rolled with a 500 pound hand roller immediately after placing.

C. Keep edge of sod bed a minimum of 18" away from groundcover beds and 24" away from edge of shrub beds and 36" from trees, measured from the edge of plant or tree trunk.

D. Sod shall be watered immediately after installation to uniformly wet the soil to at least two inches below the bottom of sod strips.

E. Apply fertilizer to the sod as specified in Section 3.5.

F. Excavate and remove excess soil so top of sod is flush w/top of curb or adjacent pavement, or adjacent existing sod.

PLANT BED PREPARATION NOTES

1. In all areas where new sod and shrub and groundcover masses are to be planted, kill all existing weeds by treating with systemic herbicide prior to beginning soil preparation.
2. In all shrub and groundcover beds, excavate and backfill soil as described in "Plant List(s)". If no specific preparation is noted, prepare soil as described below for either condition, over the entire area to be planted:

Condition A:

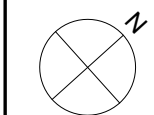
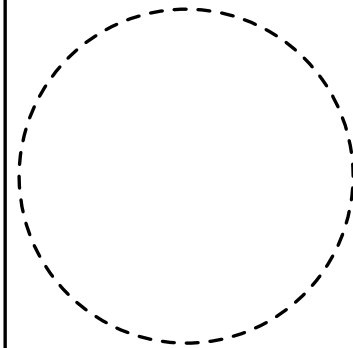
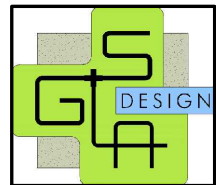
If any compacted road base or asphalt or rocky soil is encountered, remove compacted material entirely to allow an 18" depth of planting soil per plant list unless otherwise stated. Backfill the entire area of the shrub and groundcover beds with 18" planting soil (as specified in Plans) to within 2 inches of the adjacent pavement or top of curb. Remove all debris and rocks and pebbles larger than 2 inches in size and level the grade before planting.

Condition B:

Where no compacted soil is encountered, thoroughly mix 6 inches of planting soil per plant list into the existing soil to a depth of 18 inches unless otherwise stated. If required, excavate and remove the existing soil to lower the grade, so that the prepared mix is finished to a minimum of 2 inches below top of curb or adjacent walkway. Remove all debris and rocks and pebbles larger than 2 inches in size and level the grade before planting.

For all sod areas, spread a 2" deep layer of lawn sand prior to sodding. Remove all debris and rocks and pebbles larger than 2 inches in size and level the grade before sodding. Remove, if required, existing soil so that top of sod is flush with and adjacent top of curb or pavement.

For Trees and shrubs larger than 7 gallon, Add Diehard" transplant inoculant supplied by Horticultural Alliance, Inc. (800-628-6373) or equal. Mix into top 8-10 inches of planting hole, making sure it is contact with the root ball. Add at a rate specified by manufacturer (typically 4oz. per 1 inches of trunk caliper or 7 gallon can).

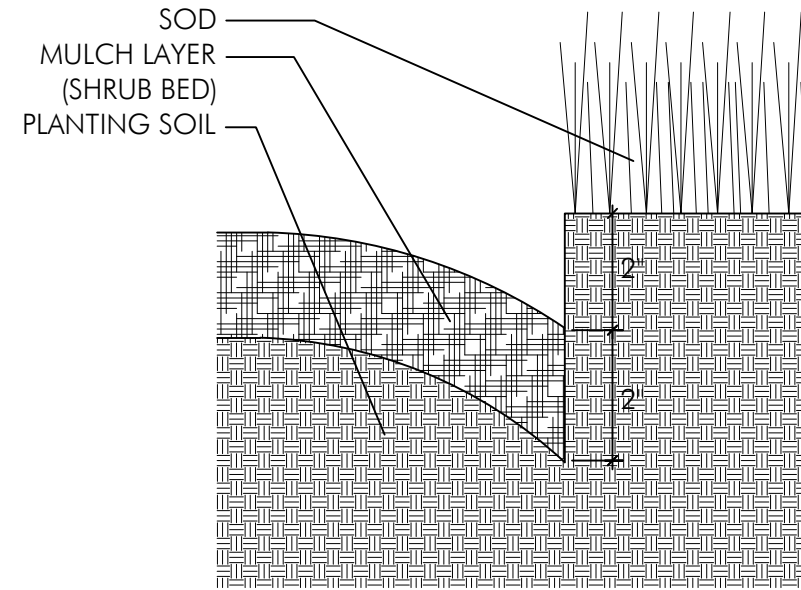


SPACING OF PLANTS (SEE PLANT SPACING DETAIL)

1. Plants shall be planted sufficiently away from edges of pavements or curbs, to allow for growth toward the edges of the bed.

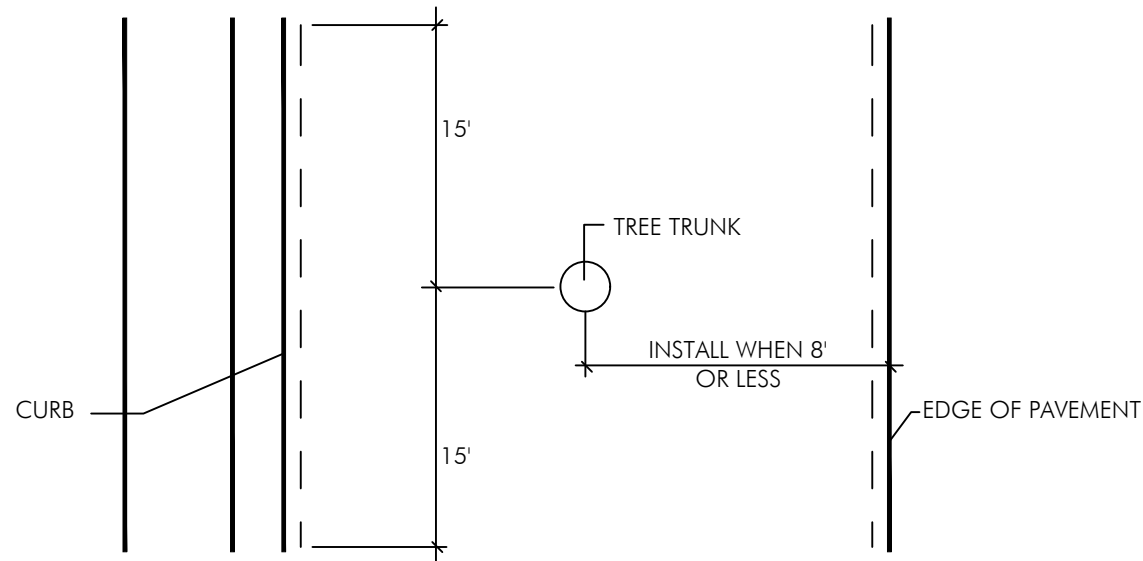
PROTECTION OF PLANTS

1. The Contractor shall be responsible to protect existing trees and shrubs in and adjacent to the area of work. Erect barriers as necessary to keep equipment and materials, any toxic material, away from the canopy drip line of trees and shrubs. **DO NOT PILE SOIL OR DEBRIS AGAINST TREE TRUNKS OR DEPOSIT NOXIOUS BUILDING SUPPLIES OR CHEMICALS WITHIN THE DRIP LINE.**

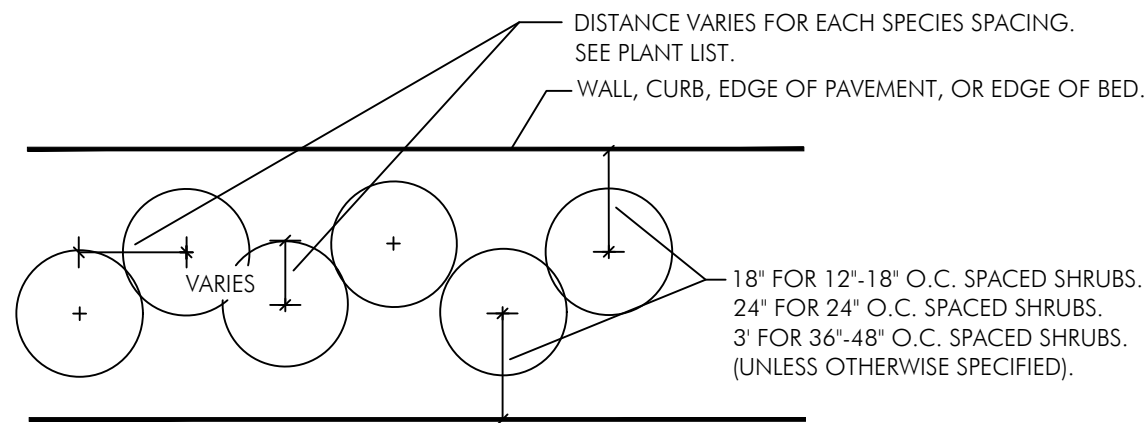


PLANT BED EDGING DETAIL

N.T.S.

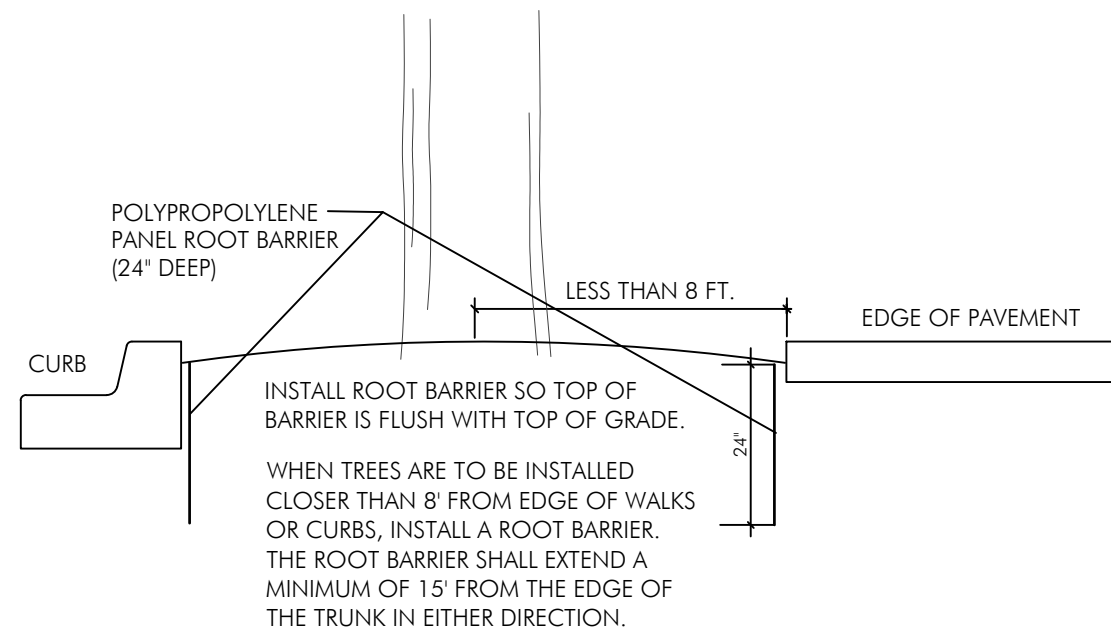


PLAN VIEW



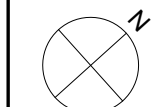
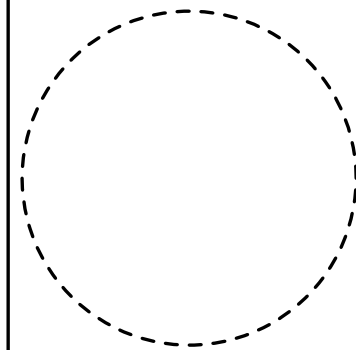
SHRUB SPACING DIAGRAM

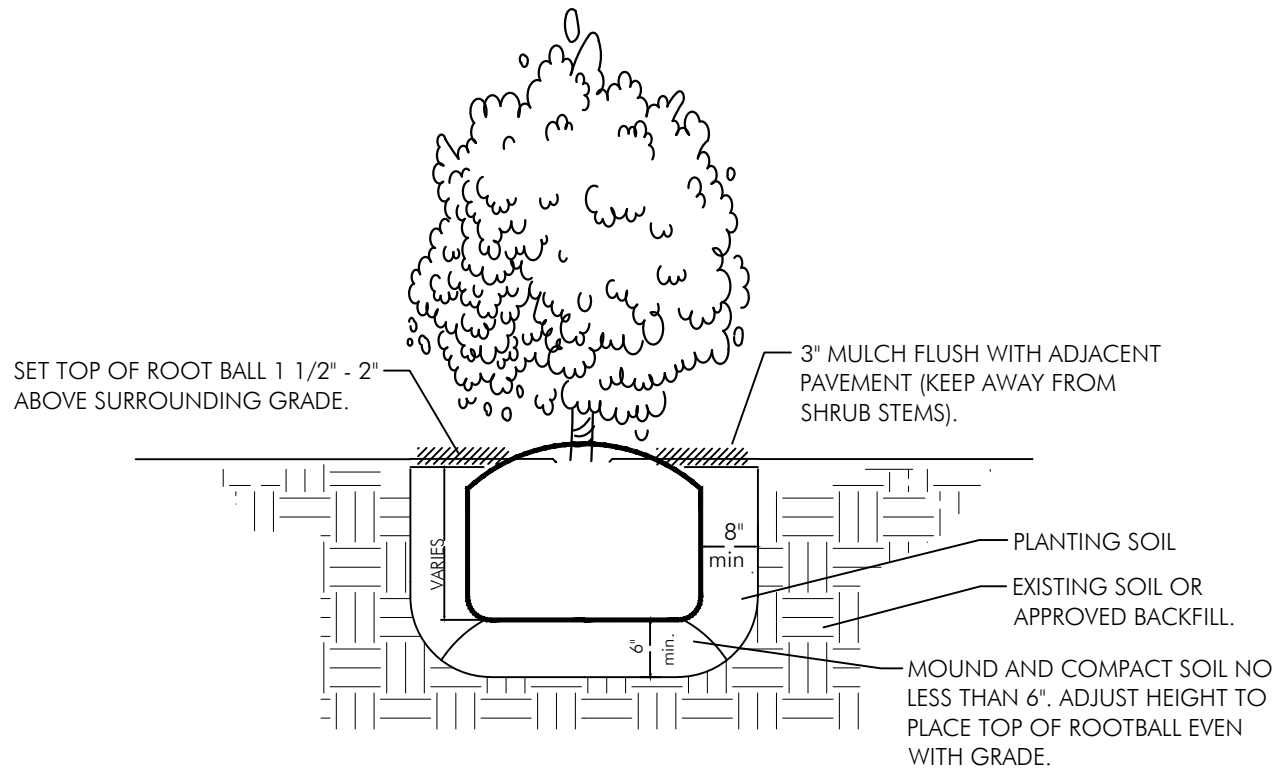
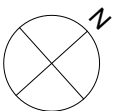
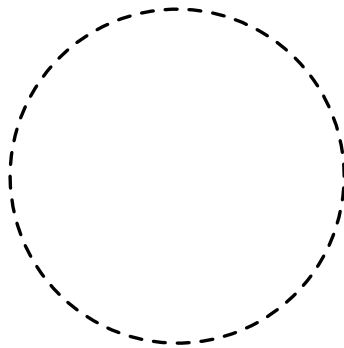
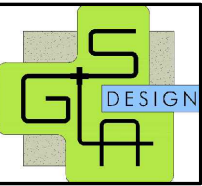
N.T.S.



ROOT BARRIER INSTALLATION DETAIL

N.T.S.





SHRUB INSTALLATION DETAIL

N.T.S.



REMOVE ANY PORTION OF WIRE BASKETS ABOVE THE TOP HALF OF THE ROOTBALL. REMOVE BURLAP COVERINGS BELOW THE TOP HALF OF THE ROOTBALL. COMPLETE REMOVE ALL SYNTHETIC ROOTBALL COVERING MATERIALS.

(4) 2" DIA. 8' LONG WOOD DOWELS AT CORNERS DRIVEN TO BOTTOM OF PLANTER.

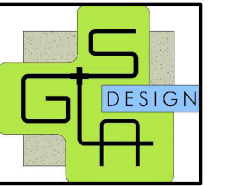
PLANTING SOIL

NOTE - IRREGULAR OR MULTI-STEMED TREES SHALL HAVE A SIMILAR STAKING PATTERN AS SINGLE TRUNKED TREES. STAKES NEED NOT ALL BE ATTACHED TO EVERY STEM.

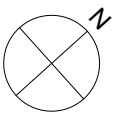
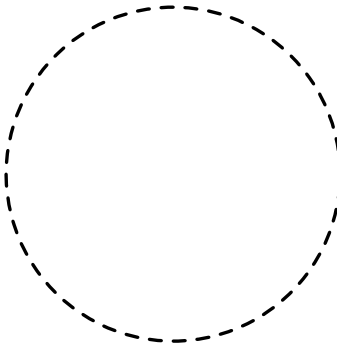
ALL SUPPORT MATERIALS ARE TO BE REMOVED FROM THE TREES ONCE THE TREES HAVE BECOME ESTABLISHED (NOT TO EXCEED 12 MONTHS FROM THE COMPLETION OF THE PROJECT).

MULTI-TRUNKED TREE/PALM BRACING DETAIL

N.T.S.

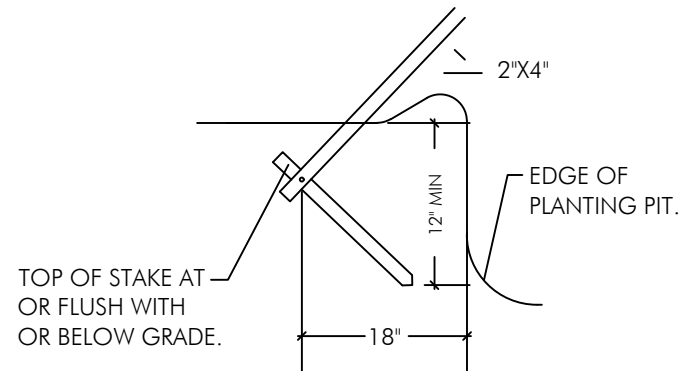


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DETAIL A

N.T.S.

CURVED TRUNK LEAN ANGLE AS NOTED ON PLAN/PLANT LIST

NOTE - USE 4" X 4" STAKES PALMS OVER 12" CALIPER.

PROVIDE FOUR 2' X 4' PINE STAKES 90° APART (EXTRA STAKE IF NECESSARY TO SUPPORT LEAN). ATTACH W/NAILS TO BATTENS NO NAILS IN TREE.

SET ROOTBALL SO TRUNK FLARE OR TOP ROOT IS 2" ABOVE SURROUNDING GRADE.

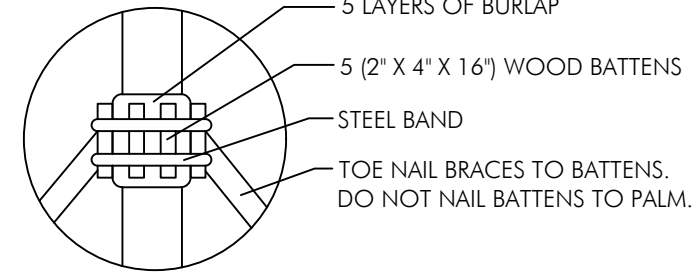
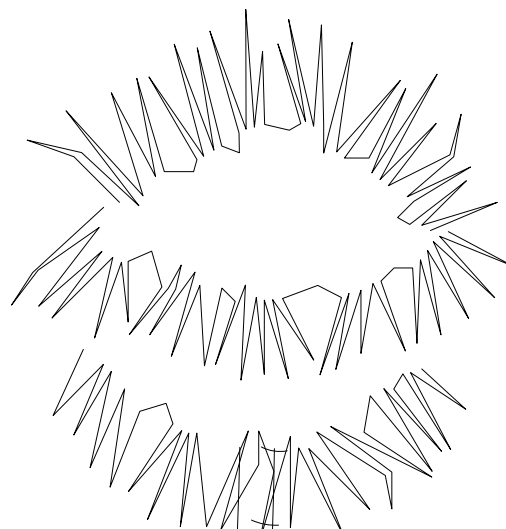
INSTALL 3" OF MULCH OVER 3' DIAMETER CIRCLE AROUND THE TRUNK. DO NOT PLACE MULCH WITHIN 3" OF THE TRUNK.

REMOVE ANY PORTION OF WIRE BASKETS OR BURLAP ABOVE THE TOP HALF OF THE ROOTBALL. FOLD BACK BURLAP COVERINGS BELOW THE TOP HALF OF THE ROOTBALL. COMPLETELY REMOVE ALL SYNTHETIC ROOTBALL COVERING MATERIALS.

DETAIL A

WOOD STAKES TOP OF STAKES BELOW OR FLUSH WITH GRADE.

ANGLE SUBGRADE BASE AND ROOTBALL IF NECESSARY TO ACHIEVE SPECIFIED LEAN ANGLE.



BATTEN DETAIL B

N.T.S.

NOTE - SECURE BATTENS WITH 2-3/4" HI CARBON STEEL BANDS TO HOLD BATTENS IN PLACE DURING PLANTING PROCESS. DO NOT NAIL BATTENS TO PALM. THE HEIGHT OF THE BATTENS SHALL BE LOCATED IN RELATION TO THE HEIGHT OF THE PALM FOR ADEQUATE BRACING. PAINT ALL EXPOSED WOOD SURFACES, (COLOR TO BE APPROVED BY LANDSCAPE ARCHITECT).

ALL SUPPORT MATERIALS ARE TO BE REMOVED FROM THE PALMS ONCE THE TREES HAVE BECOME ESTABLISHED (NOT TO EXCEED 12 MONTHS FROM THE COMPLETION OF THE PROJECT).

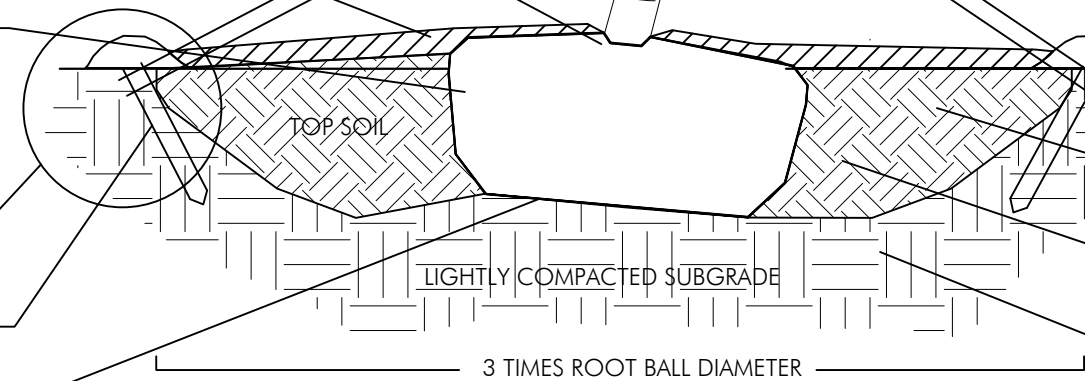
6" HIGH TEMPORARY RETENTION RING OF SOIL TO ASSIST IN IRRIGATION OF THE TREE. REMOVE RING 3 MONTHS AFTER INSTALLATION.

FINISHED GRADE

HOLES TO ACCOMMODATE PLANTS SHALL BE A MINIMUM OF THREE TIMES THE SIZED OF THE PLANT ROOTBALL.

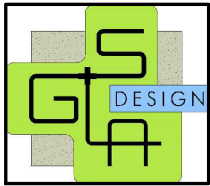
ALL BACKFILL FOR TREES SHALL BE EXISTING SOIL WITH ALL ROCKS 2" OR LARGER REMOVED.

FERTILIZER SHALL BE INSTALLED AS PER THE WRITTEN SPECIFICATIONS.

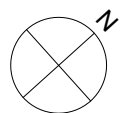
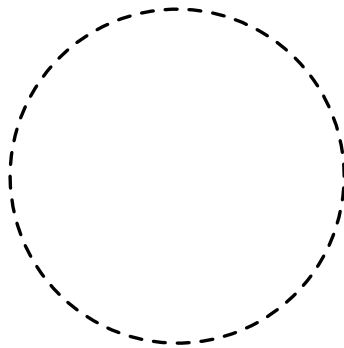


PLANTING & BRACING DETAIL FOR LEANING/CROOKED PALMS

N.T.S.

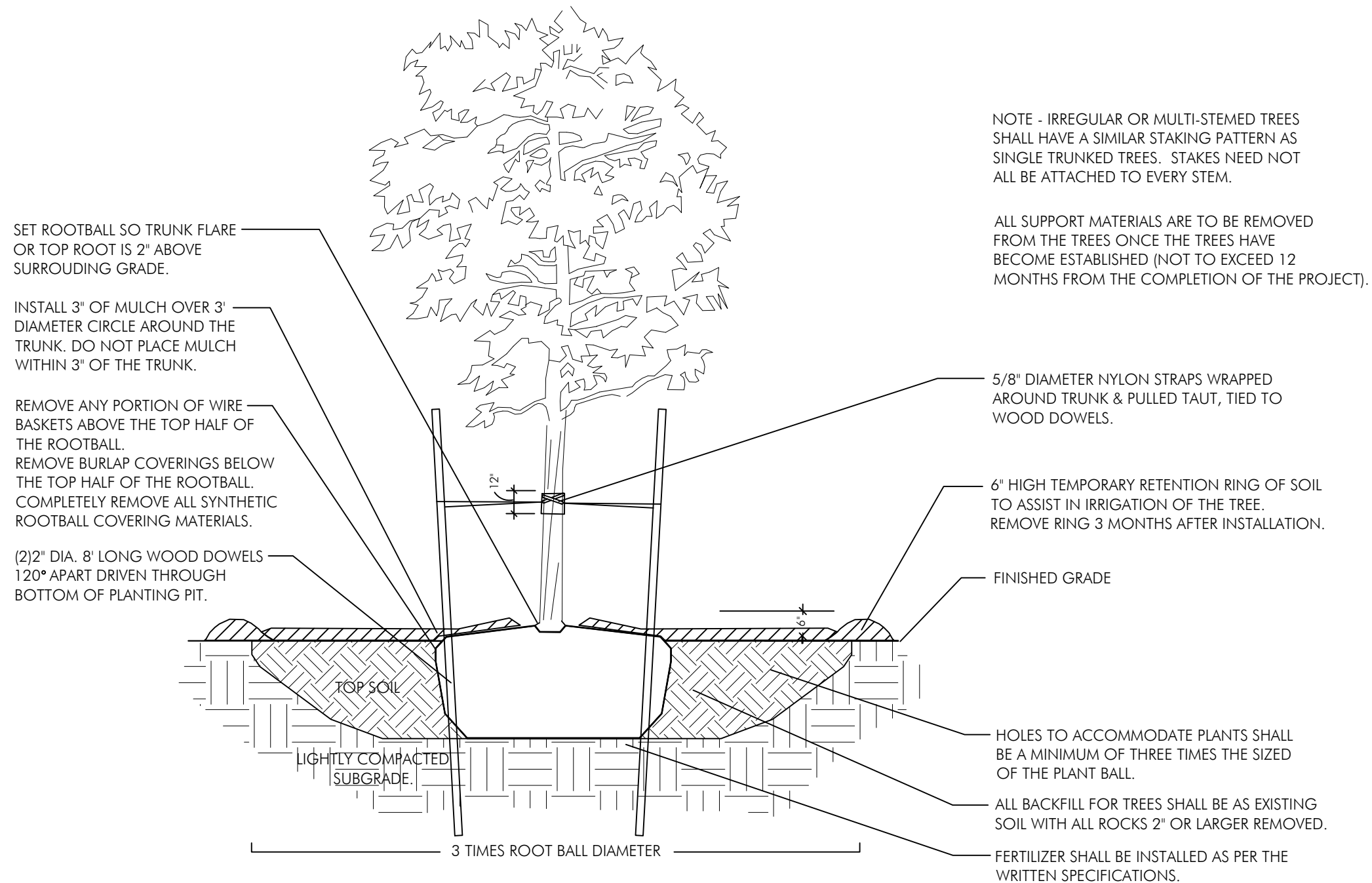


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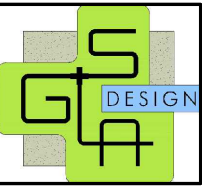
Landscape

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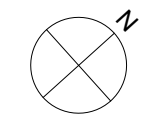
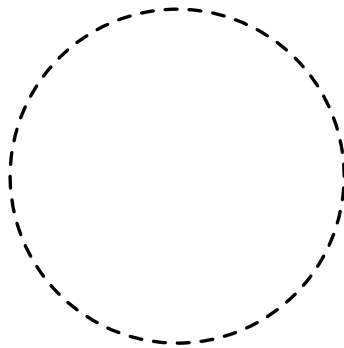


PLANTING & BRACING DETAIL UNDER 3 1/2" CALIPER

N.T.S.

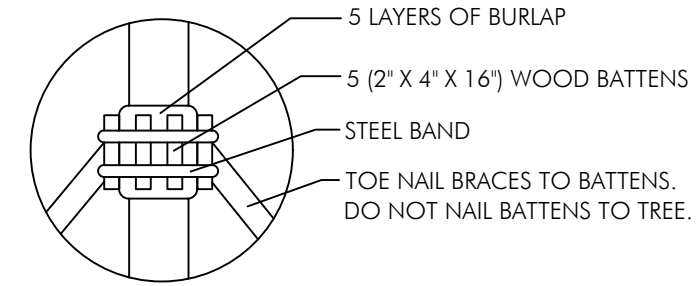


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LA038



BATTEN DETAIL B

N.T.S.

NOTE - SECURE BATTENS WITH 2-3/4" HI CARBON STEEL BANDS TO HOLD BATTENS IN PLACE DURING PLANTING PROCESS. DO NOT NAIL BATTENS TO TREE. THE HEIGHT OF THE BATTENS SHALL BE LOCATED IN RELATION TO THE HEIGHT OF THE TREE FOR ADEQUATE BRACING. PAINT ALL EXPOSED WOOD SURFACES, (COLOR TO BE APPROVED BY LANDSCAPE ARCHITECT).

NOTE - IRREGULAR OR MULTI-STEMED TREES SHALL HAVE A SIMILAR STAKING PATTERN AS SINGLE TRUNKED TREES. STAKES NEED NOT ALL BE ATTACHED TO EVERY STEM.

ALL SUPPORT MATERIALS ARE TO BE REMOVED FROM THE TREES ONCE THE TREES HAVE BECOME ESTABLISHED (NOT TO EXCEED 12 MONTHS FROM THE COMPLETION OF THE PROJECT).

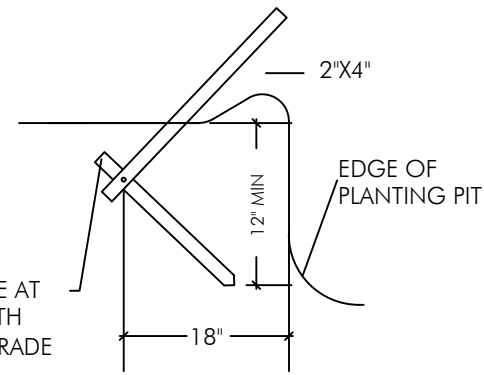
6" HIGH TEMPORARY RETENTION RING OF SOIL TO ASSIST IN IRRIGATION OF THE TREE. REMOVE RING 3 MONTHS AFTER INSTALLATION.

FINISHED GRADE

HOLES TO ACCOMMODATE PLANTS SHALL BE A MINIMUM OF THREE TIMES THE SIZED OF THE PLANT ROOTBALL.

ALL BACKFILL FOR TREES SHALL BE EXISTING SOIL WITH ALL ROCKS 2" OR LARGER REMOVED.

FERTILIZER SHALL BE INSTALLED AS PER THE WRITTEN SPECIFICATIONS.



DETAIL A

N.T.S.

NOTE - USE 4" X 4" STAKES PALMS OVER 12" CALIPER.

PROVIDE FOUR 2" X 4" PINE STAKES 120° APART. ATTACH W/NAILS TO BATTENS NO NAILS IN TREE.

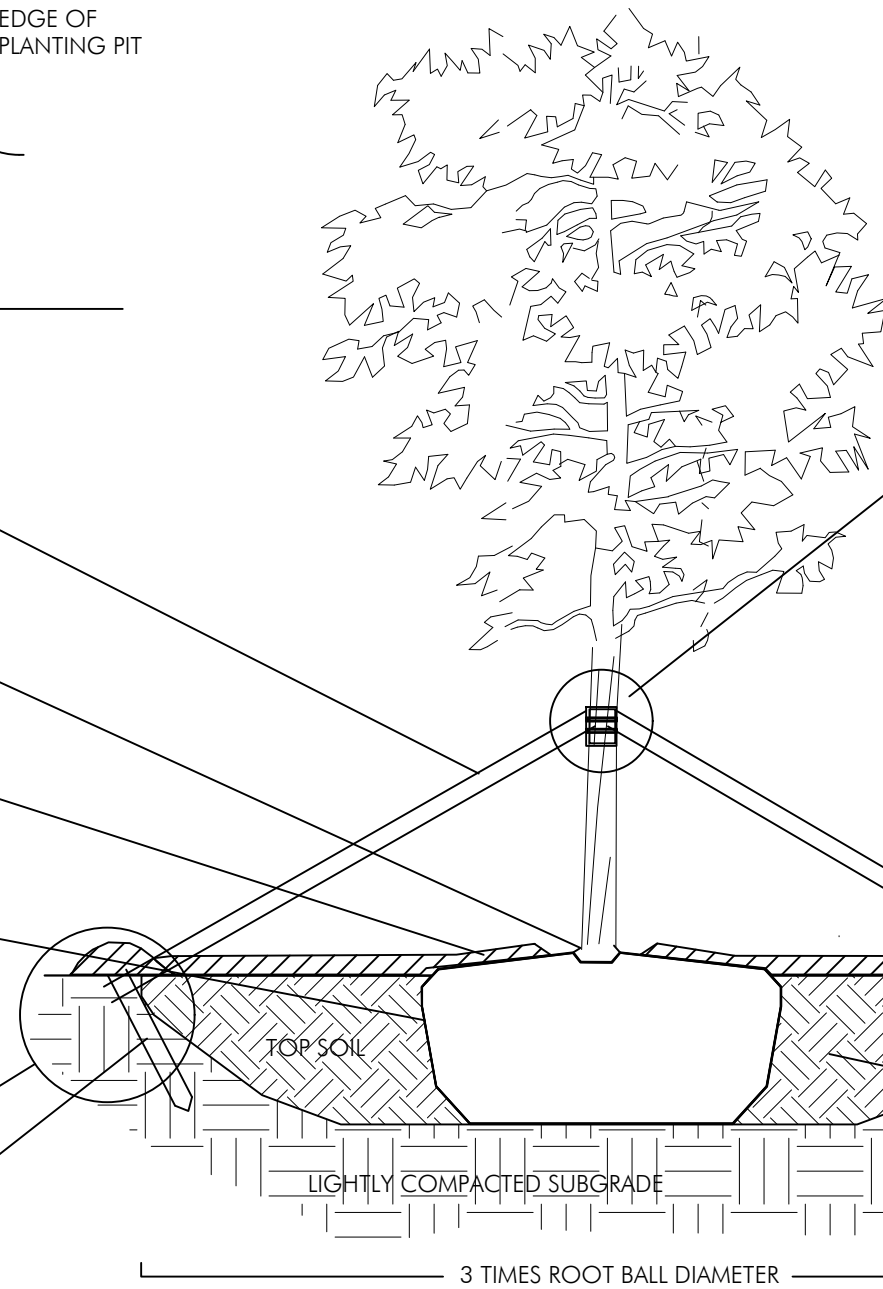
SET ROOTBALL SO TRUNK FLARE OR TOP ROOT IS 2" ABOVE SURROUNDING GRADE.

INSTALL 3" OF MULCH OVER 3' DIAMETER CIRCLE AROUND THE TRUNK. DO NOT PLACE MULCH WITHIN 3" OF THE TRUNK.

REMOVE ANY PORTION OF WIRE BASKETS OR BURLAP ABOVE THE TOP HALF OF THE ROOTBALL. FOLD BACK BURLAP COVERINGS BELOW THE TOP HALF OF THE ROOTBALL. COMPLETELY REMOVE ALL SYNTHETIC ROOTBALL COVERING MATERIALS.

DETAIL A

WOOD STAKES TOP OF STAKES BELOW OR FLUSH WITH GRADE.



PLANTING & BRACING DETAIL OVER 3 1/2" CALIPER

N.T.S.