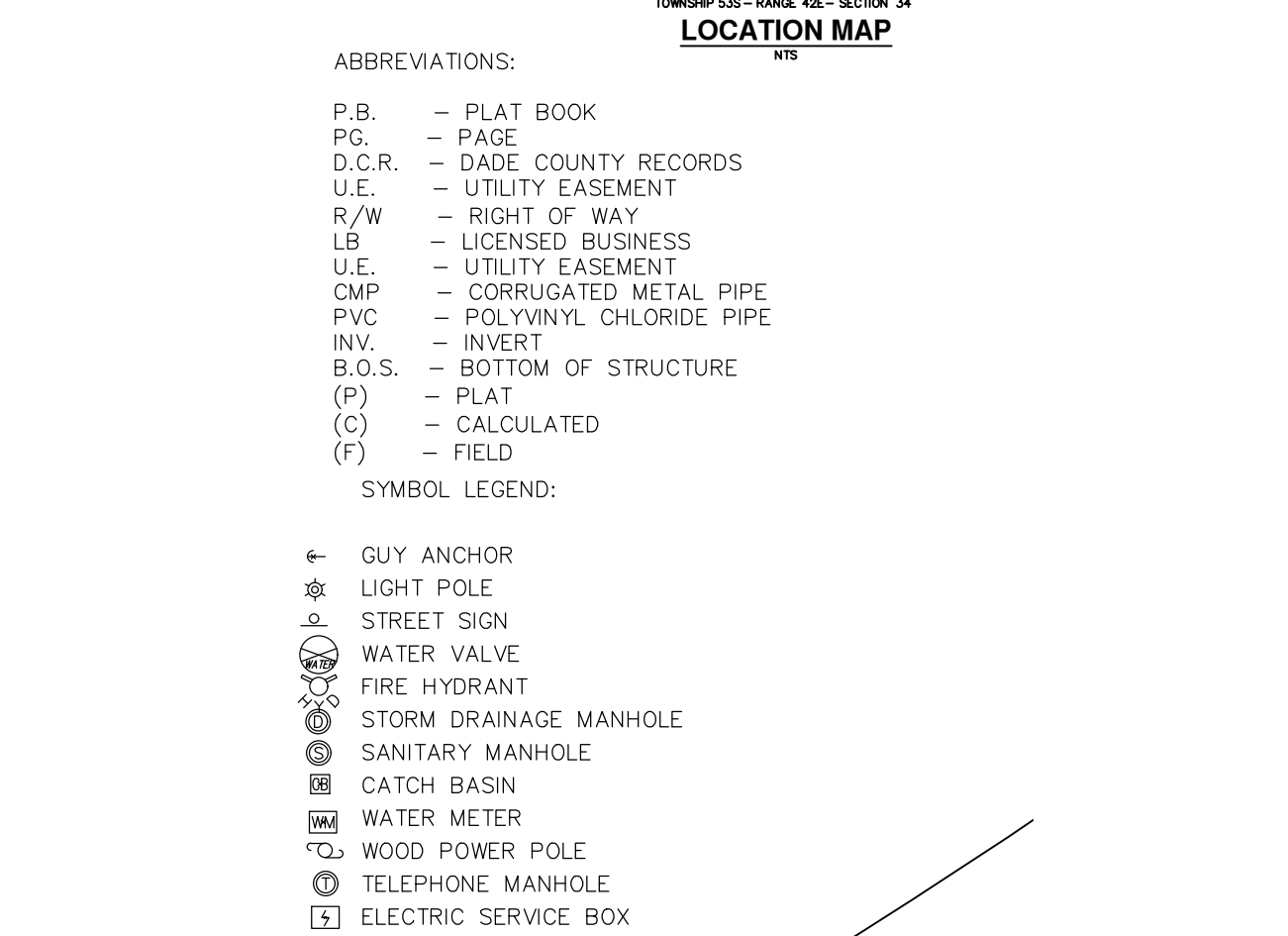


ALL OF LOT 1 BLOCK 16-B OF RESUBDIVISION OF LOTS 16 TO 21 INCLUSIVE
BLOCK 15 AMENDED SUNSET LAKE SUBDIVISION ACCORDING TO THE PLAT THEREOF AS
RECORDED IN PLAT BOOK 9, PAGE 145 OF THE PUBLIC RECORDS OF MIAMI-DADE
COUNTY, FLORIDA.



FLOOD INSURANCE NOTES:
FLOOD ZONES: AE
BASE FLOOD ELEVATION: 8'
COMMUNITY PANEL NO.: 120651 0317 L
DATE OF FIRM INDEX: 09/11/2009
MAP NUMBER 12086 C0317 L

SURVEYOR'S NOTES:

1. SUBJECT PROPERTY WAS NOT ABSTRACTED BY THIS FIRM FOR EASEMENTS, RIGHTS-OF-WAY, RESERVATIONS OR OTHER MATTERS OF RECORD.

2. SCALE OF SOME FEATURES MAY BE EXAGGERATED FOR CLARITY.

3. ELEVATION NOTE:
ELEVATIONS ARE RELATIVE TO THE NORTH AMERICAN VERTICAL DATUM OF 1988, AS SHOWN THUS:¹
ELEVATIONS ARE BASED ON MIAMI-DADE BENCHMARK D-149 DESCRIBED AS FOLLOWS:
PK NAIL AND BRASS WASHER IN CONCRETE GUTTER AT SW CORNER OF INTERSECTION NE 15TH STREET AND MERIDIAN AVENUE, LOCATED 37 FEET SOUTH OF CENTERLINE OF NE 15TH STREET AND 32 FEET WEST OF CENTERLINE OF MERIDIAN AVENUE.
E.L.=.262' (NAVD 88)

I HEREBY CERTIFY THAT THIS SURVEY MEETS STANDARDS OF PRACTICE
AS SET FORTH BY THE FLORIDA DEPARTMENT OF AGRICULTURE
AND CONSUMER SERVICES OF PROFESSIONAL SURVEYORS
AND MAPPERS IN CHAPTER 5J-17, FLORIDA ADMINISTRATIVE CODE,
PURSUANT TO SECTION 472.027, FLORIDA STATUTES.
DATED THIS 4th DAY OF APRIL , 2018 A.D.

C:\dws\Marty Rossi Blue.png

MARTIN P. ROSSI
PROFESSIONAL SURVEYOR AND MAPPER
STATE OF FLORIDA REGISTRATION NO. 5857

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL
RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER

SKETCH OF BOUNDARY & TOPOGRAPHIC SURVEY

MILLER LEGG

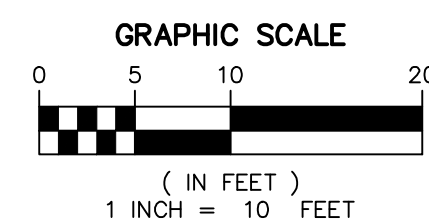
 South Florida Office: 5747 N. Andrews Way
 Ft. Lauderdale, Florida • 33309-2354
 954-436-7000 • Fax: 954-436-8664
www.millerlegg.com

CERTIFICATES OF AUTHORIZATION:		
EB7318 LB6680 LC0337		
	LP	MR
DES.	DWN.	CHK.
PROJECT / FILE NO.		
18-00020		
DRAWING NO.		
SH-1		
DATE DRAWN:	1	OF
4/10/18	SH 1	1

POCKET PARK
CITY OF MIAMI BEACH, MIAMI-DADE COUNTY, FLORIDA



Tree number	Common Name	Scientific name	Height	Spread	Condition	Disposition	Comments
1	Christmas palm	Veitchia merrillii	15'	8'	Good	Relocate	
2	Christmas palm	Veitchia merrillii	15'	8'	Good	Relocate	
3	Christmas palm	Veitchia merrillii	15'	8'	Good	Relocate	
4	Christmas palm	Veitchia merrillii	15'	8'	Good	Relocate	
5	Christmas palm	Veitchia merrillii	15'	8'	Good	Relocate	
6	Christmas palm	Veitchia merrillii	15'	8'	Good	Relocate	
7	Christmas palm	Veitchia merrillii	15'	8'	Good	Relocate	
8	Christmas palm	Veitchia merrillii	15'	8'	Good	Relocate	
9	Christmas palm	Veitchia merrillii	15'	8'	Good	Relocate	
10	Christmas palm	Veitchia merrillii	15'	8'	Good	Relocate	
11	Christmas palm	Veitchia merrillii	15'	8'	Good	Relocate	
12	Christmas palm	Veitchia merrillii	15'	8'	Good	Relocate	
13	Christmas palm	Veitchia merrillii	15'	8'	Good	Relocate	
14	Christmas palm	Veitchia merrillii	15'	8'	Good	Relocate	
15	Christmas palm	Veitchia merrillii	15'	8'	Good	Relocate	
16	Christmas palm	Veitchia merrillii	15'	15'	Good	Relocate	multi-trunk 5 stems
17	Christmas palm	Veitchia merrillii	15'	8'	Good	Relocate	
18	Christmas palm	Veitchia merrillii	15'	8'	Good	Relocate	
19	Christmas palm	Veitchia merrillii	15'	8'	Good	Relocate	
20	Christmas palm	Veitchia merrillii	15'	8'	Good	Relocate	
21	Christmas palm	Veitchia merrillii	15'	8'	Good	Relocate	
22	Christmas palm	Veitchia merrillii	15'	12'	Good	Relocate	double trunk
23	Christmas palm	Veitchia merrillii	15'	8'	Good	Relocate	
24	Christmas palm	Veitchia merrillii	15'	8'	Good	Relocate	
25	Christmas palm	Veitchia merrillii	15'	12'	Good	Relocate	double trunk
26	Christmas palm	Veitchia merrillii	15'	8'	Good	Relocate	
27	Christmas palm	Veitchia merrillii	15'	8'	Good	Relocate	
28	Christmas palm	Veitchia merrillii	15'	8'	Good	Relocate	
29	Christmas palm	Veitchia merrillii	15'	12'	Good	Relocate	double trunk
30	Christmas palm	Veitchia merrillii	15'	8'	Good	Relocate	
31	Christmas palm	Veitchia merrillii	15'	8'	Good	Relocate	
32	Christmas palm	Veitchia merrillii	15'	8'	Good	Relocate	
33	Coconut palm	Cocos nucifera	25'	30'	Fair/ Poor	Remove	Trunk damage
34	Coconut palm	Cocos nucifera	25'	30'	Fair	Remove	
35	Coconut palm	Cocos nucifera	25'	30'	Fair	Remove	Minor trunk damage
36	Coconut palm	Cocos nucifera	20'	30'	Fair	Remove	Trunk damage
37	Coconut palm	Cocos nucifera	20'	30'	Fair/ Poor	Remove	Trunk damage
38	Coconut palm	Cocos nucifera	32'	30'	Good	Remove	
39	Coconut palm	Cocos nucifera	28'	30'	Fair/ Poor	Remove	Major trunk damage
40	Coconut palm	Cocos nucifera	28'	30'	Fair	Remove	Trunk damage
41	Coconut palm	Cocos nucifera	20'	30'	Fair	Remove	Minor trunk damage
42	Bridalveil Tree	Caesalpinia granadillo	10'	20'	Good	Remain	
43	Bridalveil Tree	Caesalpinia granadillo	12'	20'	Good	Remain	
44	Mahogany	Swietenia mahagonii	12'	15'	Fair/ Poor	Remove	
45	Bridalveil Tree	Caesalpinia granadillo	15'	15'	Good	Remain	
46	Senegal date plam	Phoenix reclinata	10'	25'	Fair/ Poor	Relocate	
47	Bridalveil Tree	Caesalpinia granadillo	16'	20'	Good	Remain	
48	Christmas palm	Doble Veitchia merrillii	13'	8'	Good	Remain	
49	Christmas palm	Veitchia merrillii	20'	8'	Good	Remain	
50	Christmas palm	Veitchia merrillii	20'	8'	Good	Relocate	
51	Christmas palm	Veitchia merrillii	20'	8'	Good	Remain	
52	Christmas palm	Veitchia merrillii	20'	8'	Good	Remain	
53	Christmas palm	Veitchia merrillii	20'	8'	Good	Remain	
TOTAL CANOPY REMOVED				7,030.6 SF			

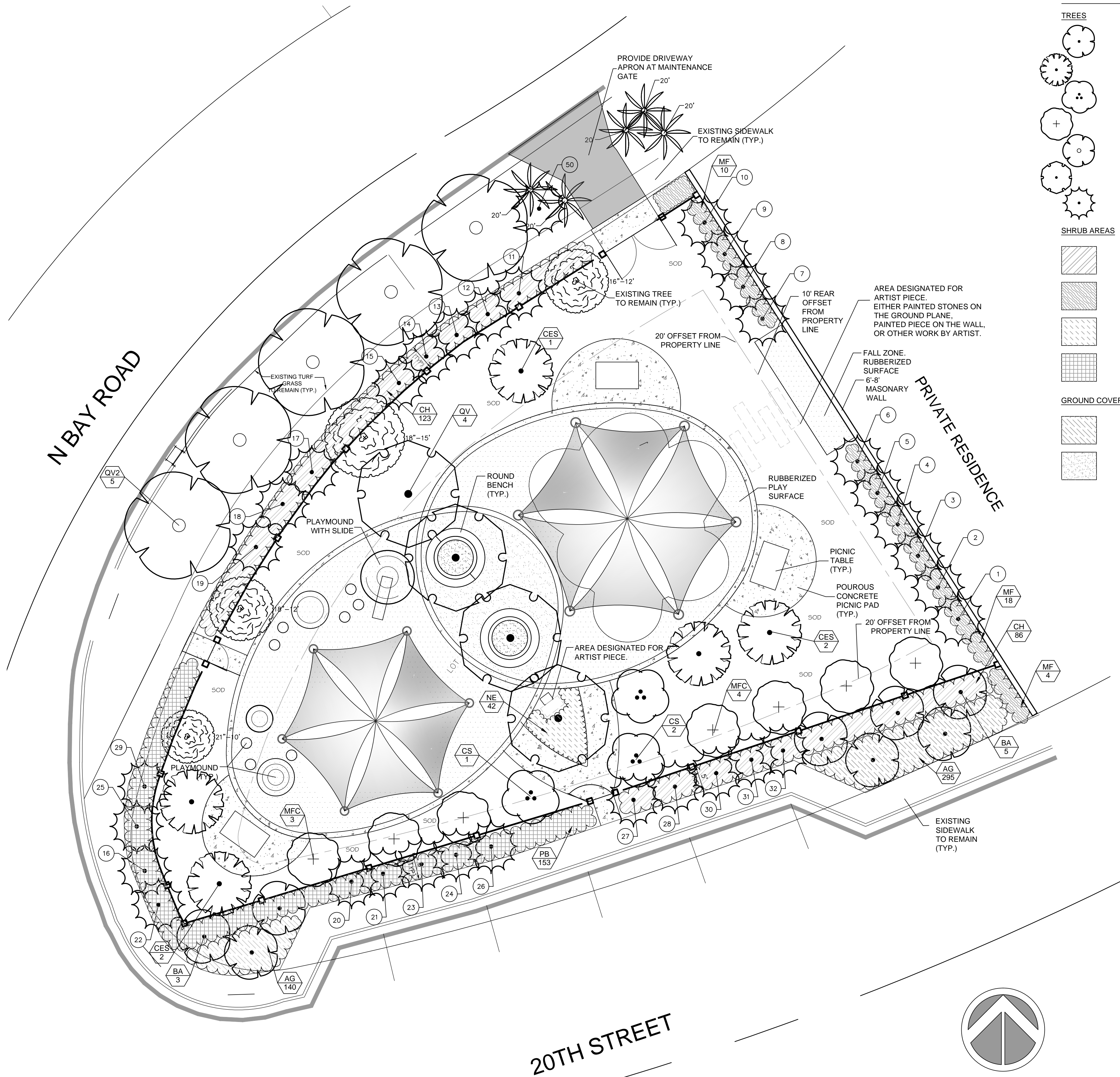


TREE DISPOSITION PLAN

CERTIFICATES OF AUTHORIZATION:		
EB7318 LB6680 LC0337		
MJ	RNG	MJ
DES.	DWN.	CHK.
PROJECT / FILE NO.		
18-00020		
DRAWING NO.		
TDP-1		
DATE DRAWN:		
9/7/2018		

POCKET PARK
CITY OF MIAMI BEACH, MIAMI-DADE COUNTY, FLORIDA

\\SPC-MINI\DATA\PROJECTS\2018\18-00020 - MIAMI BAY 20 ST & SUNSET DR POCKET PARK\DRAWINGS\DD'S\000\18-00020_LANDSCAPE.DWG 2018/09/07 11:55 BY: MUNICIPAL



PLANT SCHEDULE

TREES

CODE	BOTANICAL NAME / COMMON NAME	CONT	CAL	SIZE	QTY
BA	Bulnesia arborea / Verawood 300 SF OF CANOPY	-	2' CAL	12' OA Ht	8
CES	Conocarpus erectus 'Sericeus' / Silver Buttonwood 300 SF OF CANOPY	Field Grown	2' CAL	12' OAH	5
CS	Cordia sebestena / Orange Geiger Tree 300 SF OF CANOPY	Field Grown	2' CAL	12' OA Ht	3
MFC	Myrcianthes fragrans 'compacta' / Compact Simpson's Stopper 100 SF OF CANOPY	Field Grown		6 - 8' OA Ht	7
QV2	Quercus virginiana / Southern Live Oak 300 SF OF CANOPY	Field Grown	3' CAL	12 - 14' OA Ht	5
QV	Quercus virginiana / Southern Live Oak 300 SF OF CANOPY	Field Grown		20-24' OA Ht	4
	RELOCATED PALM / SEE DISPOSITION PLAN	-			33

SHRUB AREAS

CODE	BOTANICAL NAME / COMMON NAME	CONT	SPACING	QTY
CH	Chrysobalanus icaco 'Horizontalis' / Horizontal Cocoplum	3 GAL	24" o.c.	209
MF	Myrcianthes fragrans / Twinberry	7 GAL	36" o.c.	36
NE	Nephrolepis exaltata / Boston Fern	3 GAL	18" o.c.	42
PB	Psychotria ligustrifolia / Bahama Coffee	3 GAL	24" o.c.	153

GROUND COVERS

CODE	BOTANICAL NAME / COMMON NAME	CONT	SPACING	QTY
AG	Arachis glabrata / Perennial Peanut	1 GAL	12" o.c.	435
SOD	Stenotaphrum secundatum / St. Augustine	-		5,526 sf

CITY OF MIAMI BEACH

LANDSCAPE LEGEND

INFORMATION REQUIRED TO BE PERMANENTLY AFFIXED TO PLANS
Zoning District GU Lot Area 9,429 s.f. Acres .21 ac.

OPEN SPACE

	REQUIRED/ ALLOWED	PROVIDED
A. Square feet of required Open Space as indicated on site plan: Lot Area = <u>9,429</u> s.f. x <u>20</u> % = <u>1,886</u> s.f.	<u>1,886</u>	<u>1,886+</u>
B. Square feet of parking lot open space required as indicated on site plan: Number of parking spaces <u> </u> x 10 s.f. parking space =	<u>n/a</u>	<u>n/a</u>
C. Total square feet of landscaped open space required: A+B=	<u>1,886</u>	<u>1,886+</u>

LAWN AREA CALCULATION

A. Square feet of landscaped open space required	<u>n/a</u>
B. Maximum lawn area (sod) permitted= <u> </u> % x <u> </u> s.f.	<u>n/a</u>

TREES

A. Number of trees required per lot or net lot acre, less existing number of trees meeting minimum requirements= <u>22</u> trees x <u>.21</u> net lot acres - number of existing trees=	<u>5</u>	<u>5</u>
B. % Natives required: Number of trees provided x 30% =	<u>2</u>	<u>5</u>
C. % Low maintenance / drought and salt tolerant required: Number of trees provided x 50% =	<u>2</u>	<u>5</u>
D. Street Trees (maximum average spacing of 20' o.c.): <u>166</u> linear feet along street divided by 20' =	<u>9</u>	<u>9</u>
E. Street tree species allowed directly beneath power lines: (maximum average spacing of 20' o.c.): <u> </u> linear feet along street divided by 20' =	<u>n/a</u>	<u>n/a</u>

SHRUBS

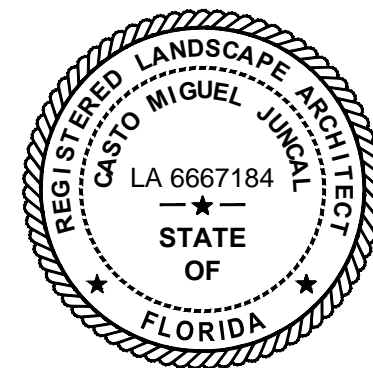
A. Number of shrubs required: Sum of lot and street trees required x 12=	<u>168</u>	<u>440</u>
B. % Native shrubs required: Number of shrubs provided x 50% =	<u>84</u>	<u>440</u>

LARGE SHRUBS OR SMALL TREES

A. Number of large shrubs or small trees required: Number of required shrubs x 10% =	<u>17</u>	<u>7</u>
B. % Native large shrubs or small trees required: Number of large shrubs or small trees provided x 50% =	<u>9</u>	<u>7</u>

MITIGATION REQUIREMENTS

TOTAL CANOPY REMOVED: 7,030.6 S.F.
TOTAL CANOPY REPLACED: 7,200 S.F.
MEET WITH (24) CATEGORY 1 TREES @ 300 S.F. EACH



FINAL SUBMITTAL: NOV DRB

APPROVED: CASTO MIGUEL JUNCAL, RLA
FLA. REGISTRATION NO. 6667184 DATE: 9/7/2018

LANDSCAPE PLAN

MILLER LEGG
South Florida Office: 5747 N. Andrews Way
Ft. Lauderdale, Florida 33309-2364
954-436-7000 • Fax: 954-436-6664
www.millerlegg.com

CERTIFICATE OF AUTHORIZATION
EB7318 LB6680 LC0337
CMJ RNC CMJ
DES. DWN. CHK.
PROJECT / FILE NO.
18-00020
DRAWING NO.
LNP-1
DATE DRAWN:
9/7/2018

POCKET PARK
CITY OF MIAMI BEACH, MIAMI-DADE COUNTY, FLORIDA

REV.	DATE	REVISIONS
1		
2		
3		
4		
5		

THE WORK AND MATERIALS NECESSARY FOR MEETING THESE SPECIFICATIONS SHALL BE INCLUDED IN THE UNIT COST OF TREE AND/OR PALM RELOCATION.

NO PERSON SHALL REMOVE, RELOCATE, OR REPLACE ANY TREE OR VEGETATION FROM SUBJECT PROPERTY WITHOUT FIRST OBTAINING A TREE PERMIT FROM THE CITY.

A. CONTRACTOR SHALL SUBMIT THE FOLLOWING LIST OF ITEMS FOR REVIEW:

B. ROOT PRUNING TREES PRIOR TO MOVING THEM. REFER TO THE ROOT PRUNING CHART FOR ROOT PRUNING GUIDELINES FOR HARDWOOD TREES ON THIS SHEET FOR MINIMUM AND IDEAL ROOT PRUNING WAITING PERIODS. THAT IS, FOR A TREE WITH A 12" OR GREATER CALIPER, ROOT PRUNE 8 TO 12 MONTHS PRIOR TO RELOCATING THE TREE. PRIOR TO ROOT PRUNING THROUGHOUT THE WOODS, THE ROOTS MUST BE CONTINUOUS BASIS WITH AT LEAST 3" CHISEL OF WATER TO 3" PRIOR TO ROOT PRUNING. IF THE TREE HAS A DORMANT PERIOD, THEY SHOULD NOT BE TRANSPANTED DURING THAT TIME. TREES SHOULD NOT BE TRANSPANTED DURING PERIODS OF STRONG WINDS, DRY WINTER MONTHS OR DURING DROUGHT.

E. ALL EXPOSED ROOTS SHALL BE CUT OFF CLEANLY, WITH SHARP INSTRUMENTS. BACKFILL TRENCHES WITH NON-NATIVE MULCH OR SOIL CONSISTING OF 30% SILICA SAND AND 70% MUCK. ROOT BALL & TRENCH SHALL BE KEPT MOIST DURING REGENERATION PERIOD.

A. THE AMOUNT OF GENERAL PRUNING AND THINNING SHALL BE LIMITED TO THE MINIMUM NECESSARY TO REMOVE DEAD OR INJURED TWIGS OR BRANCHES AS A RESULT OF TRANSPLANTING OPERATIONS. PRUNING AND THINNING SHALL BE DONE IN SUCH A MANNER AS NOT TO CHANGE THE NATURAL HABIT OR SHAPE OF A PLANT. THE PROJECT LANDSCAPE ARCHITECT SHALL BE CONTACTED PRIOR TO PERFORMING ANY MAJOR PRUNING OR THINNING.

1.04 BRACING AND GUYING OF TREES AFTER ROOT PRUNING:

1.05 BALLING AND BURLAPPING

B. NO SYNTHETIC WRAPPING MATERIALS MAY BE USED.

A. MOVEMENT OF PLANTS ON PUBLIC R.O.W.'S SHALL COMPLY WITH ALL ORDINANCES, CODES AND SAFETY REQUIREMENTS, ETC.

C. PROTECT PLANT MATERIAL DURING TRANSPORTING TO PREVENT DAMAGE TO THE ROOT SYSTEM AND DESICCATION OF LEAVES. TREES SHALL BE PROTECTED BY TYING IN THE BRANCHES AND COVERING ALL EXPOSED BRANCHES AS NECESSARY. DO NOT BEND OR BIND-TIE PLANT MATERIAL IN SUCH A MANNER AS TO DAMAGE BARK, BREAK BRANCHES OR ALTER THE NATURAL SHAPE.

E. THE CONTRACTOR SHALL EXERCISE CARE IN HANDLING, LOADING, UNLOADING, STORING, AND TRANSPORTING MATERIAL TO PREVENT DAMAGE. THE CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR PROTECTION AND SAFEKEEPING OF MATERIAL STORED.

G. WHEN TREE IS READY TO BE TRANSPLANTED, EXISTING BACKFILLED ROOT PRUNE TRENCH SHALL BE CAREFULLY EXCAVATED SO AS NOT TO DISTURB OR DAMAGE NEW ROOTS WHEN TREE IS READY TO BE TRANSPLANTED.

H. THE TREE SHALL BE GENTLY LIFTED BY THE ROOT BALL NOT THE TRUNK. IF THE ROOT BALL BREAKS DUE TO AN UNSTABLE SOIL OR ANY OTHER REASON THE TREE MAY BE PINNED. THE LAST RESORT IS TO CHOKE THE TREE. EXTRA CARE SHOULD BE MADE SO THE BARK IS NOT STRIPPED DURING THIS OPERATION. ALL AREAS OF THE TRUNK SHOULD BE ADEQUATELY PROTECTED WITH BURLAP OR OTHER TYPE OF FABRIC



































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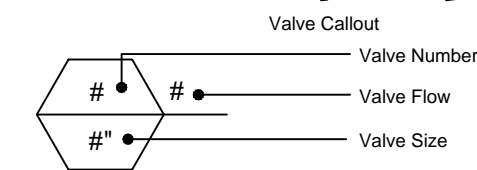
N BAY ROAD

20th STREET

FINAL SUBMITTAL: NOV DRB

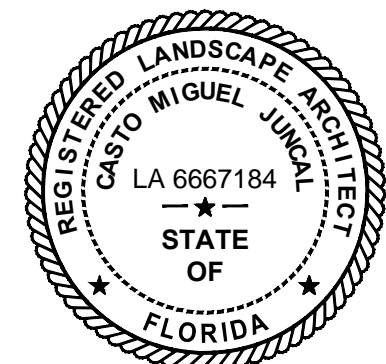
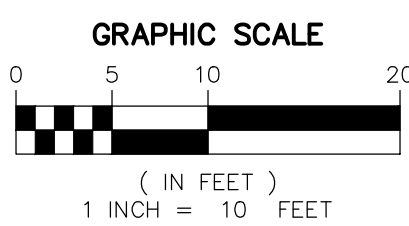
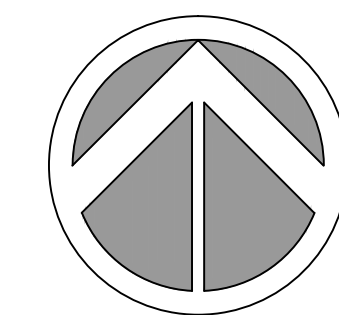
IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI
    	Hunter PROS-04-FRS40 5' strip spray Turf Spray, 40psi regulated 4" pop-up	7	30
    	Hunter PROS-12-FRS40 5' strip spray Shrub Spray, 40psi regulated 12" pop-up	10	30
  	Hunter MPI000 PROS-06-FRS40-CV Turf Rotator, 6" (15.24 cm) pop-up with check valve, pressure regulated to 40 psi (2.76 bar), MP Rotator nozzle on FRS40 body. M=Maroon adj arc 90 to 210, L=Light Blue 210 to 270 arc, O=Olive 360 arc.	21	40
  	Hunter MP2000 PROS-06-FRS40-CV Turf Rotator, 6" (15.24 cm) pop-up with factory installed check valve, pressure regulated to 40 psi (2.76 bar), MP Rotator nozzle on FRS40 body. K=Black adj arc 90-210, G=Green adj arc 210-270, R=Red 360 arc.	13	40
 	Hunter MP800SR PROS-06-FRS40-CV Turf Rotator, 6.0" pop-up with check valve, pressure regulated to 40 psi (2.76 bar), MP Rotator nozzle on FRS40 body. ADJ=Orange and Gray (arc 90-210), 360=Lime Green and Gray (arc 360)	27	30
   	Hunter PCB Flood Bubbler, 1/2" FIPT.	130	30
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	
	Hunter ICV-6 1", 1-1/2", 2", and 3" Plastic Electric Remote Control Valves, Globe Configuration, with NPT Threaded Inlet/Outlet, for Commercial/Municipal Use.	4	
	Weathermatic Controller Remote connectivity controller, cellular not wifi Weathermatic	1	
	Black Flow Preventer	1	
	RAIN SENSOR	1	
	Water Meter	1	
	Irrigation Lateral Line: FVG Class 200	1,979 l.f.	
	Irrigation Mainline: FVG Schedule 40	36.7 l.f.	
	Pipe Sleeve: FVG Class 200 Typical pipe sleeve for irrigation pipe. Pipe sleeve size shall allow for irrigation piping and their related couplings to easily slide through sleeving material. Extend sleeves 18 inches beyond edges of paving or construction.	70.4 l.f.	



VALVE SCHEDULE

NUMBER	MODEL	SIZE	TYPE	GPM	PSI	PSI @ POC	PRECIP
1	Hunter ICV-6	2"	Bubbler	64.00	37.46		4.56 in/h
2	Hunter ICV-6	2"	Turf Rotary	27.32	36.76		1.02 in/h
3	Hunter ICV-6	2"	Turf Rotary	15.46	48.19		0.31 in/h
4	Hunter ICV-6	2"	Bubbler	61.00	36.47		4.78 in/h



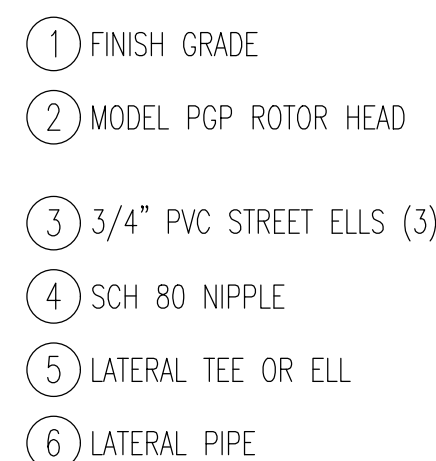
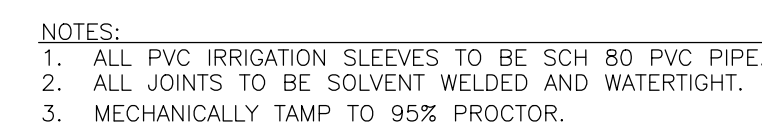
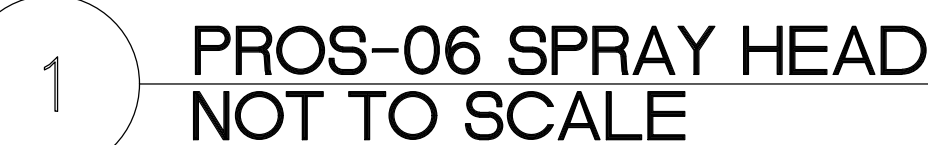
APPROVED: CASTO MIGUEL JUNCAL, RLA
FLA. REGISTRATION NO. 6667184 DATE: 9/7/2018

IRRIGATION PLAN



CERTIFICATES OF AUTHORIZATION			
EB7318 LB6680 LC0337			
M.J.	R.N.G.	M.J.	
DES.	DWN.	CHK.	
PROJECT / FILE NO.			
18-00020			
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9/7/18			

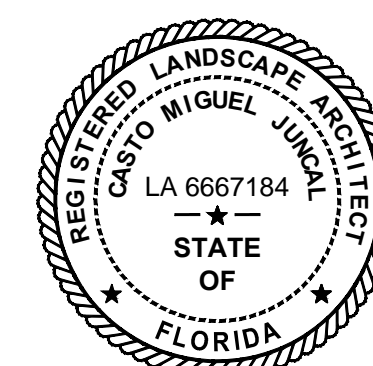
POCKET PARK
CITY OF MIAMI BEACH, MIAMI-DADE COUNTY, FLORIDA



1. MUST USE RECTANGULAR BOX TO ACCOMMODATE BOTH THE SUB-METER AND SHUT-OFF VALVE.
2. MUST HAVE SHUT-OFF VALVE ON INLET SIDE BEFORE METER.
3. MUST PLACE SUB-METER BOX WITHIN 5 FEET OF MAIN METER, EASILY ACCESSIBLE TO METER READER.
4. MUST CALL METER SHOP AT 305-673-7681 WHEN INSTALLATION IS COMPLETED FOR FINAL INSPECTION IN ORDER TO OBTAIN METER CREDIT.
5. SUB-METER CANNOT BE LARGER THAN THE DOMESTIC WATER SERVICE LINE.



FINAL SUBMITTAL: NOV DRB



APPROVED : CASTO MIGUEL JUNCAL, RLA
FLA. REGISTRATION NO. 6667184 DATE : 9/7/2018

SHADE STRUCTURE: SAIL



COOL NET

CANARY YELLOW	EGGSHELL WHITE	LIME GREEN	FIRE ORANGE	ONYX BLACK
GRAPE PURPLE	DESERT SAND	RIVERGUM GREEN	BRIGHT RED	BRICK RED
SILVER GREY	LIGHT BLUE	NAVY BLUE	AQUATIC BLUE	FOREST GREEN

POST PAD

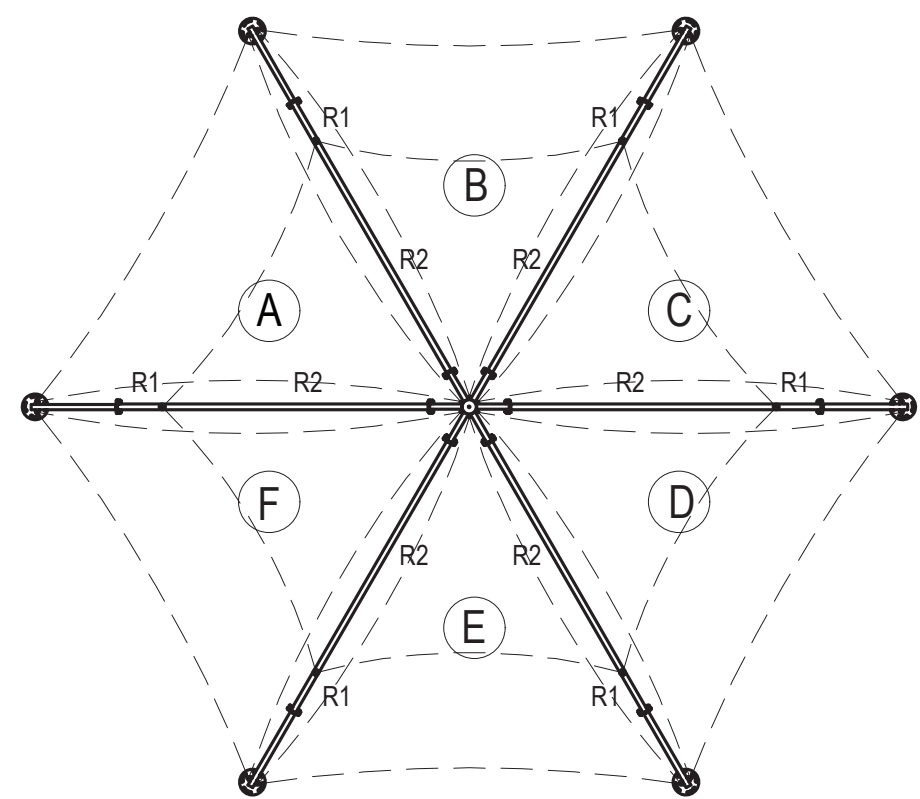
ALPINE WHITE	JET BLACK	LATTE TAN	BLUE STREAK	EVERGREEN
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POWDER COATED COLORS

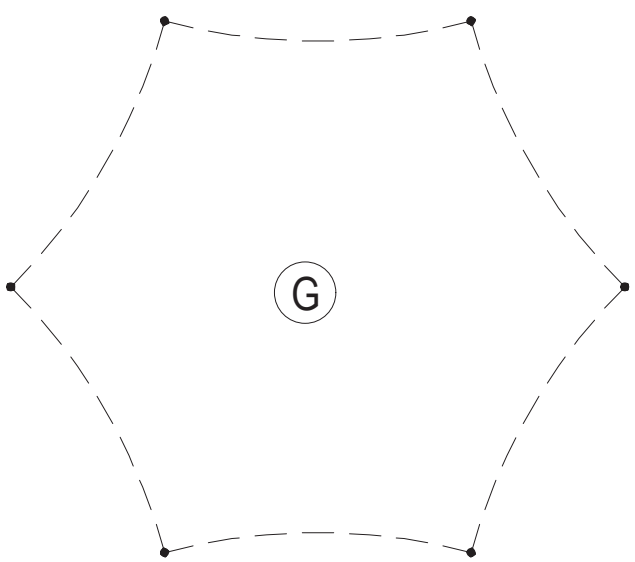
ALPINE WHITE	LATTE TAN	BLUE STREAK	
JET BLACK	COFFEE BROWN	EVERGREEN	CRIMSON RED

SHADE COLOR PERCENTAGES

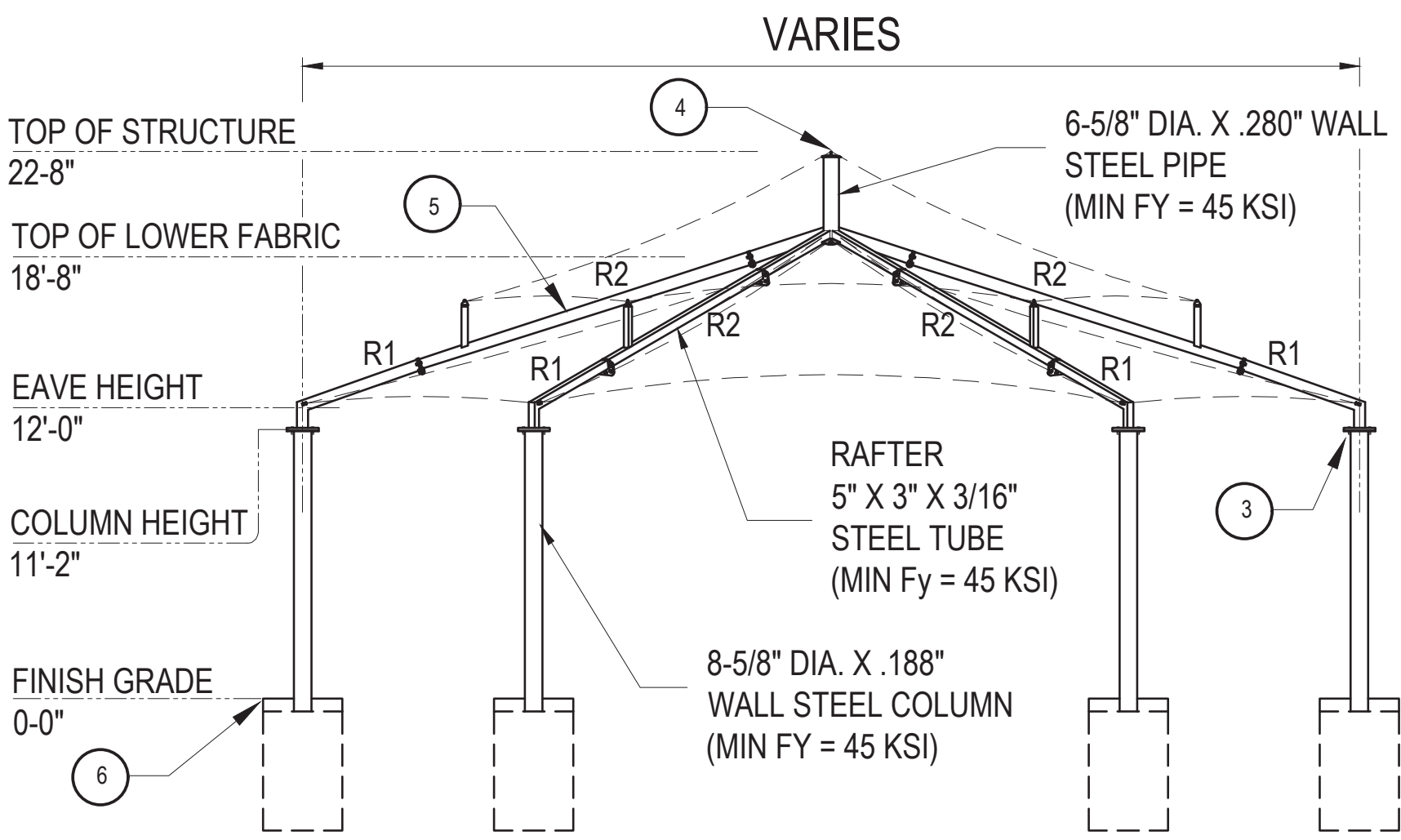
COLOR	WEIGHT (g/m²)	SHADE FACTOR %	UVR BLOCK %
Canary Yellow	342	77	93
Eggshell White	342	79	95
Lime Green	400	87	94
Fire Orange	400	82	94
Hot Pink	400	89	95
Grape Purple	400	82	90
Desert Sand	322	84	95
Rivergum Green	318	86	93
Bright Red	342	81	91
Brick Red	340	95	94
Silver Grey	318	92	97
Light Blue	348	95	97
Navy Blue	316	96	99
Aquatic Blue	348	88	94
Forest Green	340	96	97



1 PLAN VIEW LOWER SAIL



UPPER SAIL



2 ELEVATION VIEW

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PROJECT / FILE NO. 18-00020		
DRAWING NO. LNP-3		
DATE DRAWN: 8/ 8/18		

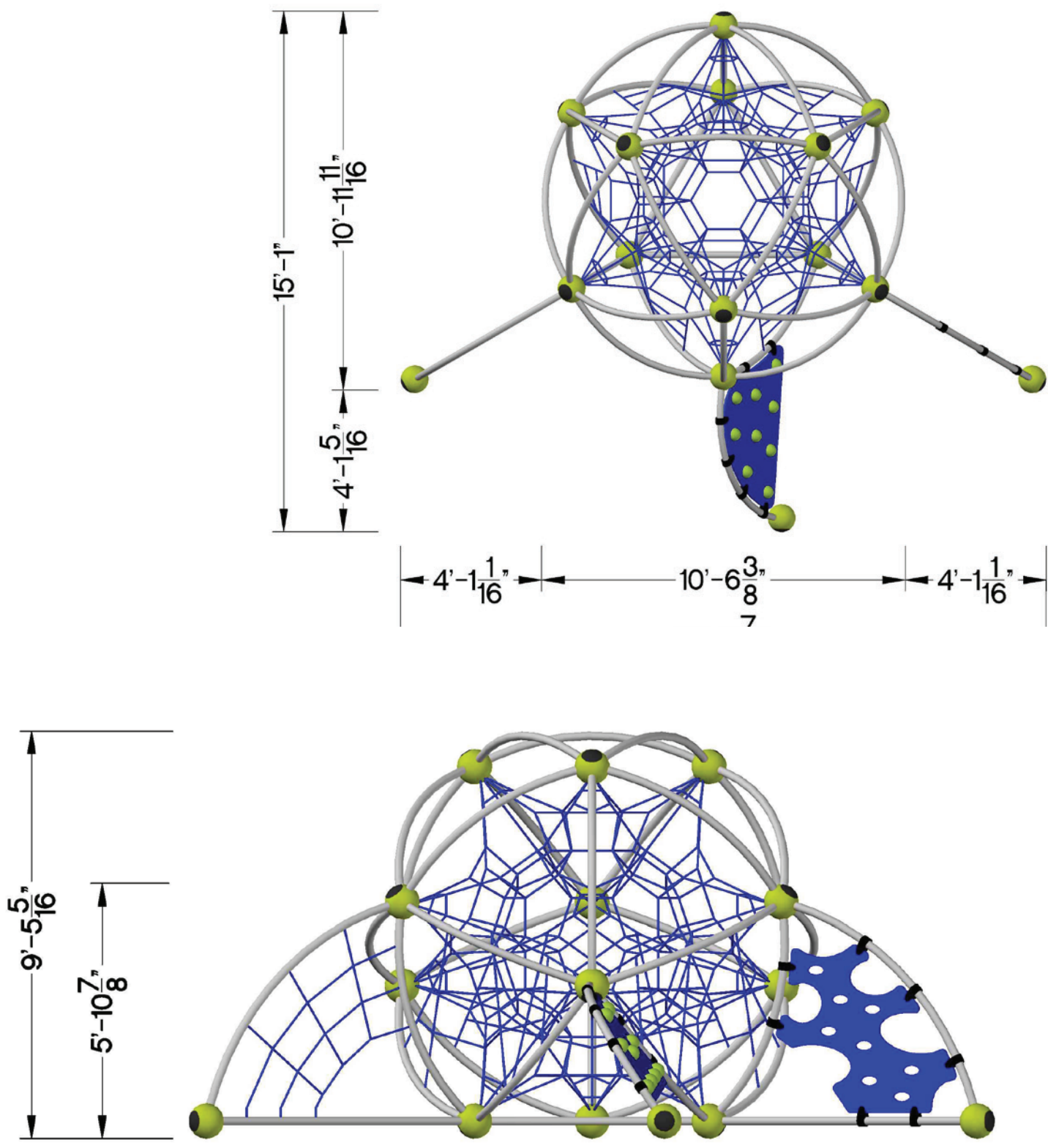
V:\PROJECTS\2018\18-00020 - MIAMI BOY 20 ST & SUNSET DR POCKET PARK\DRAWINGS\CAD\18-00020_LRP.DWG 2018/08/08 15:38 BY MAINAL

APPROVED : _____
FLA. REGISTRATION NO. _____ DATE : _____

BERLINER: Cosmo.S4



Cosmo S 04 -At a glance.			
Product Family:	Cosmo	Number of Foundations:	6 pc.
Item Number:	90.111.040	Concrete Volume C20/C25:	0.8 m³ (28.3 ft³)
Children's Age:	3	Number of skilled installers required:	3
Fall Height (DIN EN 1176):	1.83 m (6'-0")	Installation Time without foundation:	7 hours
Length x Width x Height:	5.7 m x 4.6 m x 2.9 m (18'-9" x 15'-1" x 9'-6")	Dimensions of largest part:	1.2 m x 0.8 m x 1.0 m (3'-11" x 2'-7" x 3'-3")
Protective Surfacing Area (DIN EN 1176):	9.4 m x 8.3 m	Weight of heaviest part:	110 kg (242.5 lbs)
Protective Surfacing Area (ASTM 1487):	30'-9" x 27'-1"	Shipping Volume:	3.4 m³ (120.1 ft³)
Minimum space required DIN EN 1176:	46.2 m²	Spare part guarantee:	Lifelong
Minimum space required ASTM 1487:	53.1 m² (571.6 sf)	Certificate according to DIN EN 1176:	No.: Z2.15.12.10256.245
			TÜV Product Service



Design Colors of tubes and posts (matte finish)

RAL 9017 Traffic black	RAL 9010 Pure white	RAL 9007 Grey aluminium	RAL 1001 Beige	RAL 8001 Ochre brown	RAL 8012 Red brown	RAL 3012 Beige red	RAL 3002 Carmine red
RAL 2009 Traffic orange	RAL 4005 Blue lilac	RAL 3015 Light pink	RAL 5024 Pastel blue	RAL 5012 Light blue	RAL 5017 Traffic blue	RAL 5021 Water blue	RAL 6028 Pine green
RAL 6034 Pastel turquoise	RAL 6021 Pale green	RAL 1028 Melon yellow					

Classic Colors of tubes and posts (glossy finish)

RAL 9006 White aluminium	RAL 2009 Traffic orange	RAL DS 010 40 50 "Cosmo pink"	RAL 3020 Traffic red	RAL 3004 Purple red	RAL 5022 Night blue	RAL 5010 Gentian blue	RAL 5021 Water blue
RAL 6009 Fir green	RAL 6018 Yellow green	RAL DS 100 80 80 "Cosmo yellow"	RAL 1018 Zinc yellow				

Colors of HDPE-panels

Black	White	Red	Blue	Yellow	Green	Orange	Lila
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Colors of Steps and Climbing Holds

Black	White	Red	Blue	Yellow	Green	Orange	Lila
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Colors of Ball Joints

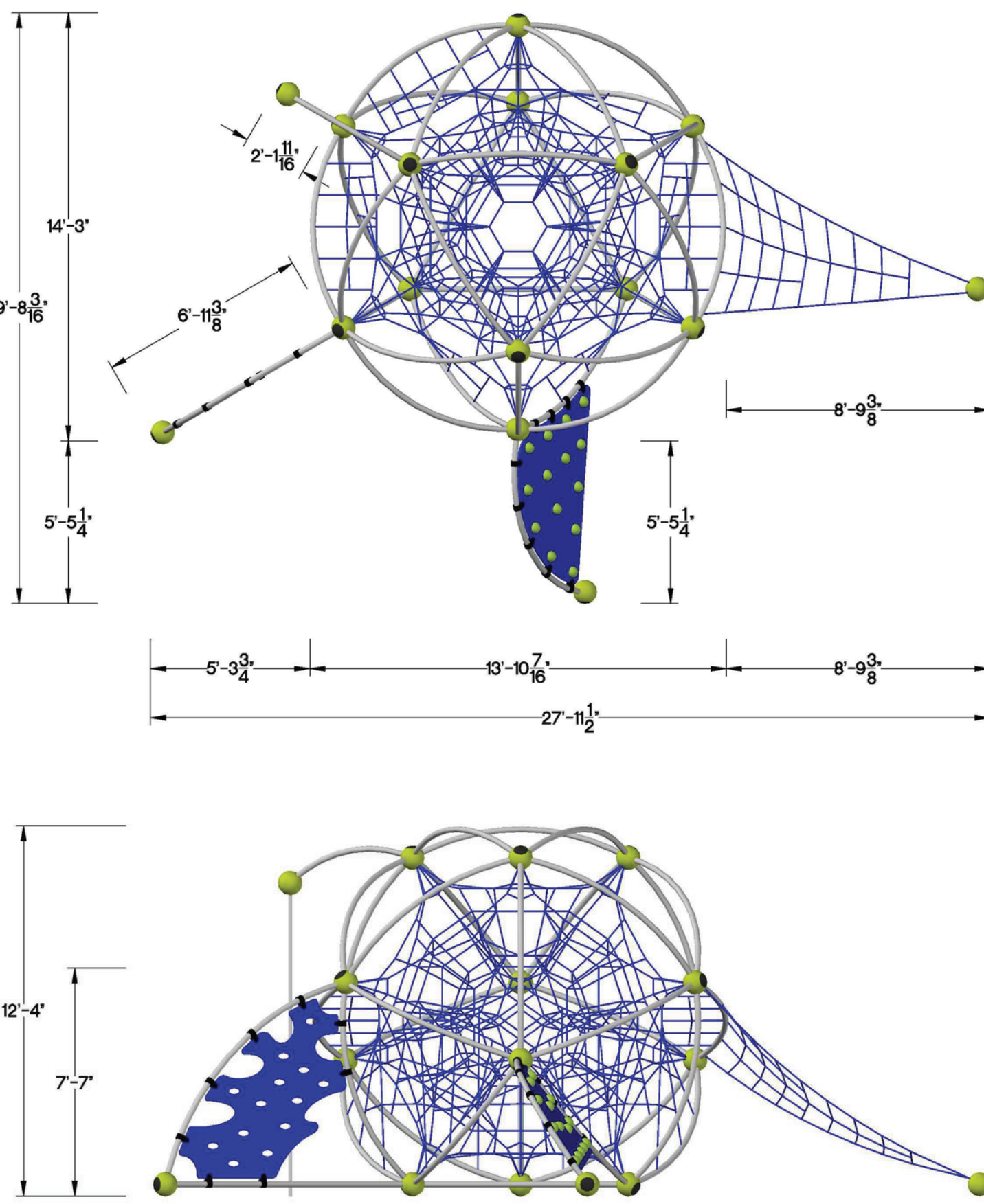
Black	White	Red	Blue	Yellow	Green	Orange	Lila
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Basic Colors of ropes

Purple	Lime	Red	Blue	Black	Yellow	Green	Orange
Silver	Beige	Dark Green	Salamander	Moose	Los Netzos	Tempelhof	

Cosmo.02 -At a glance.

Product Family:	Cosmo	Number of Foundations:	7 pc.
Item Number:	90.112.020	Concrete Volume C20/C25:	1.8 m³ (63.6 ft³)
Children's Age:	5+	Number of skilled installers required:	3
Fall Height (DIN EN 1176):	2.30 m (7'-7")	Installation Time without foundation:	8 hours
Length x Width x Height:	8.6 m x 6.0 m x 3.8 m (28'-0" x 19'-9" x 12'-4")	Dimensions of largest part:	0.1 m x 0.1 m x 3.9 m (0'-4" x 0'-4" x 12'-10")
Protective Surfacing Area (DIN EN 1176):	9.6 m x 11.6 m	Weight of heaviest part:	105 kg (231.5 lbs)
Protective Surfacing Area (ASTM 1487):	12.2 m x 9.7 m (40'-0" x 31'-9")	Shipping Volume:	4.0 m³ (141.3 ft³)
Minimum space required DIN EN 1176:	70.3 m²	Spare part guarantee:	Lifelong
Minimum space required ASTM 1487:	75.4 m² (811.6 sf)		



BERLINER: Cosmo.02



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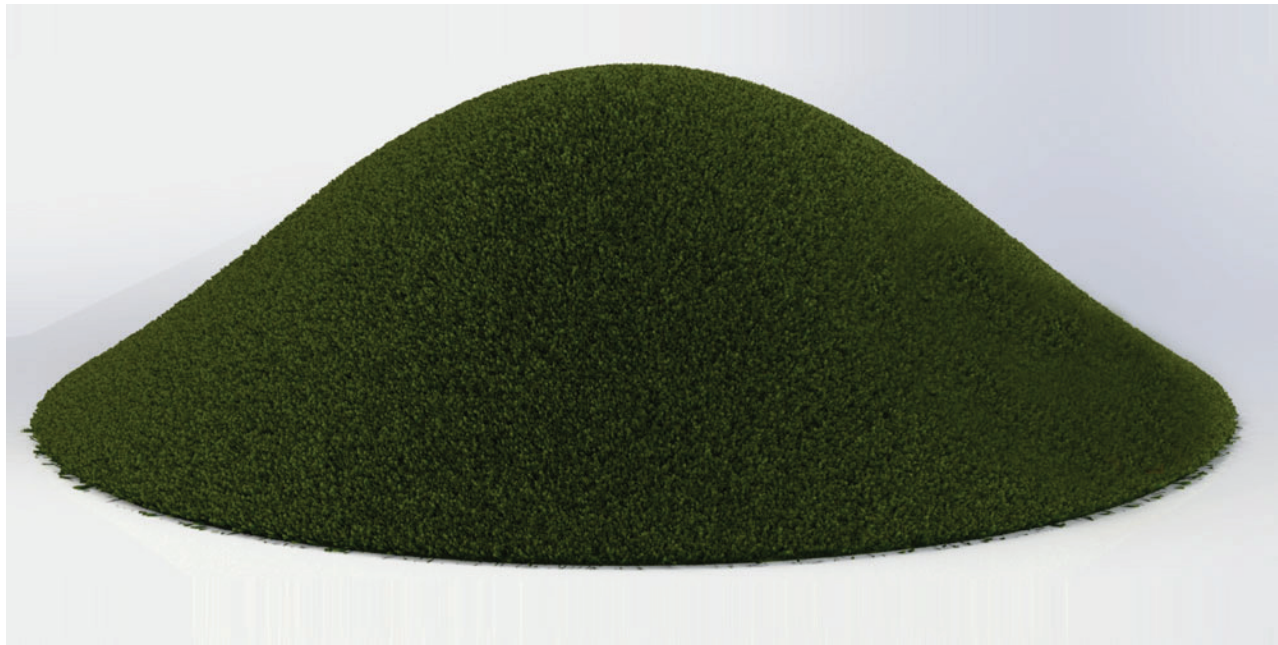
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DRAWING NO. LNP-4		
DATE DRAWN 8/8/18		

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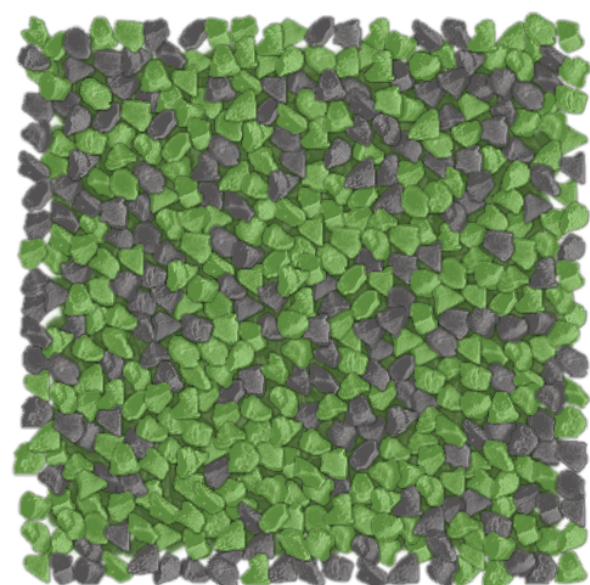
REVISIONS	
REV.	DESCRIPTION
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2	
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INNOVATIVE PLAY SOLUTIONS



RUBBERIZED SURFACE TEXTURE SAMPLE



RUBBERIZED SURFACE COLOR PALETTE



AQUASEAL SAFETY SURFACE

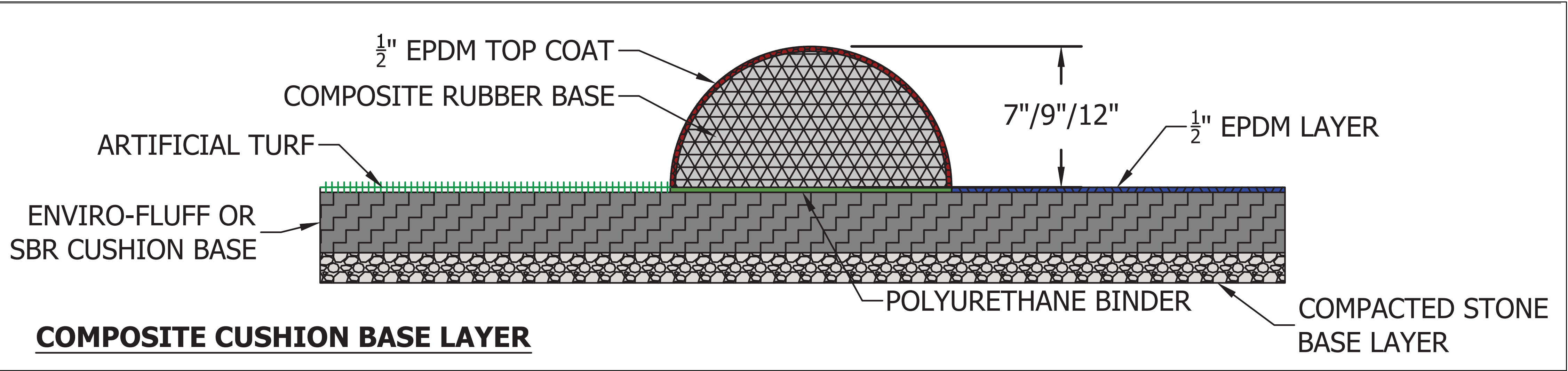
Any of our
**Pour & Place
Safety Surfacing**
product line





The **Envirofluff** is a new state of the art cushion base material used in playgrounds and water play applications to provide vertical Fall height protection. Combination of a polyethylene foam base, coated with a tough layer of black thermoplastic olefin coating allows for the material to have a very high degree of energy absorption qualities. Envirofluff has a great resistance to the degradation in the outdoor elements and is also very resistant to chlorinated water. Unlike SBR that is widely used in the safety surfacing industry it is safe for the environment, and is totally recyclable with no hazard materials.

- Key Benefits:**
- ✓ 100% Recyclable
 - ✓ Total Seamless Surface
 - ✓ Not Harmful to Children or the Environment
 - ✓ Will not Degradation Over Time
 - ✓ Chlorine Resistant Easy to Install
 - ✓ Lower Installation Cost
 - ✓ Meets and Exceeds "Critical Fall Height" Test Standards



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DRAWING NO.		
LNP-5		
DATE DRAWN:		
8/ 8 /18		

APPROVED : _____
FLA. REGISTRATION NO. _____ DATE : _____

EARTHPLAY: HILL SLIDE



ADDITIONAL INFORMATION

Size	Small Single (2' high), Medium Single (3' high), Large Single (4' high), XL Single (5' high), Medium Double (3' high), Large Double (4' high)
Color	Blue, Green, Red, Yellow, Tan

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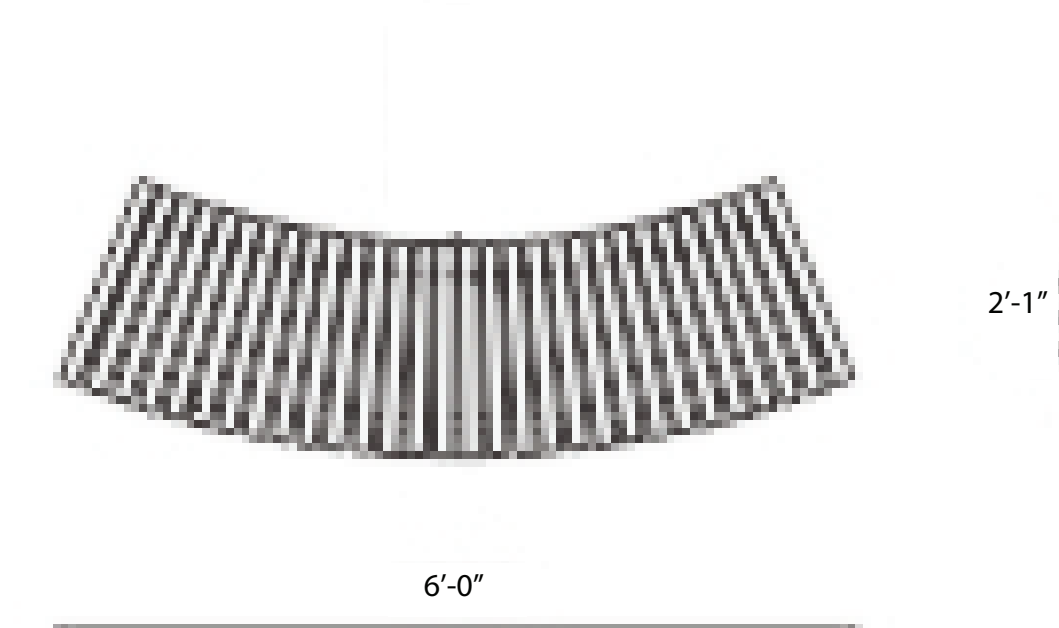
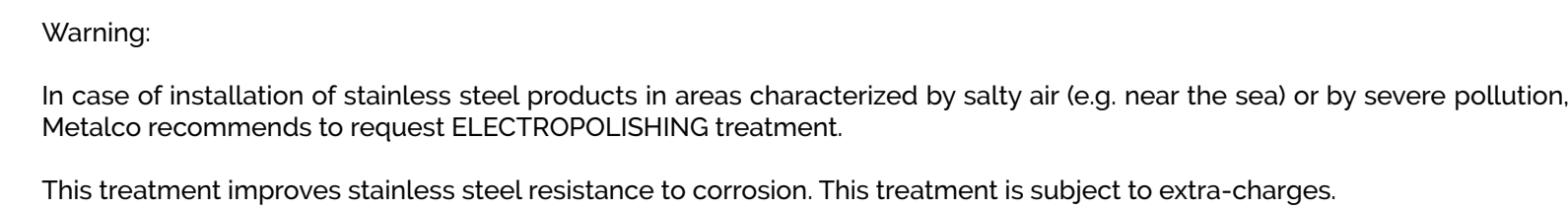
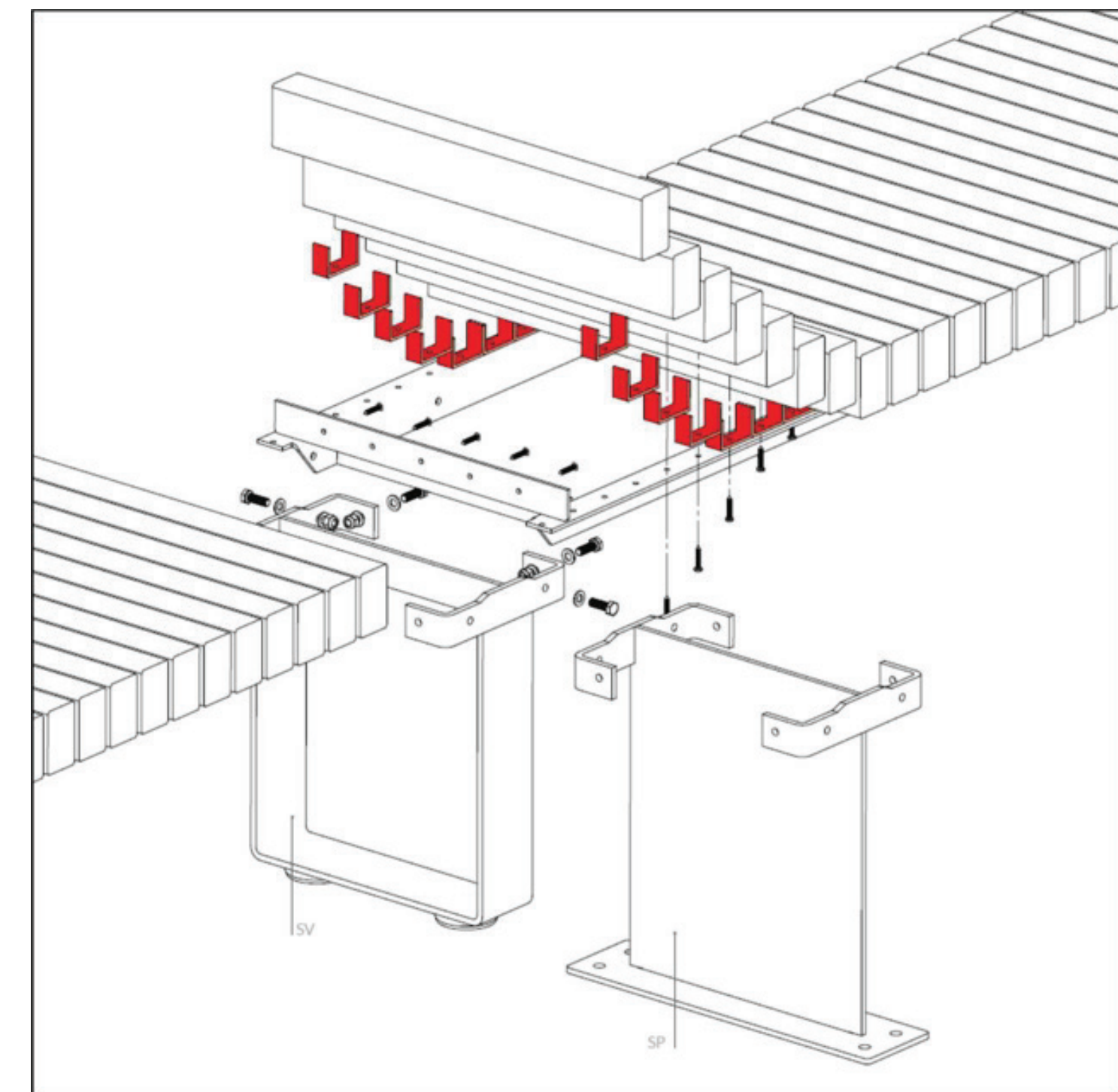
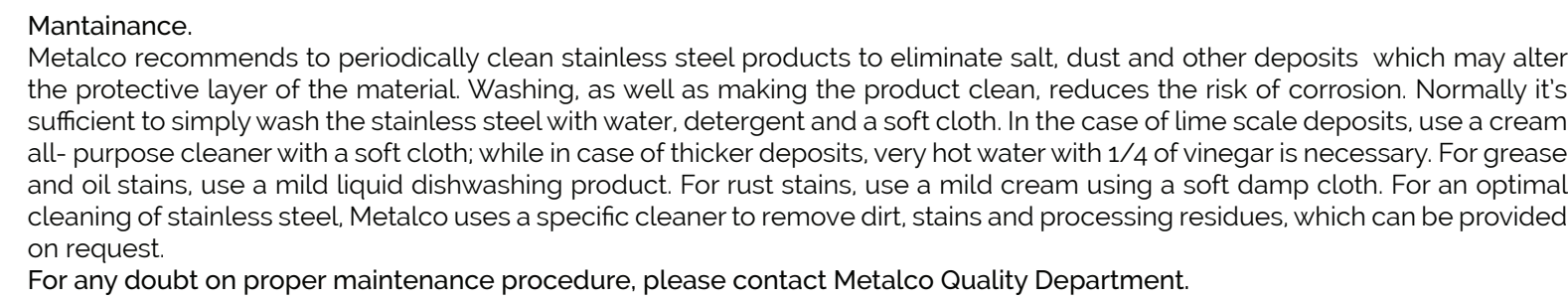
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CITY OF MIAMI BEACH, MIAMI-DADE COUNTY, FLORIDA

[illegible]

A modern, minimalist picnic table with a dark metal frame and slatted top and benches. The table is V-shaped, with a central rectangular table and two side benches. The legs are thick and angled, ending in circular footers. The background is a plain, light gray.

A man in a blue shirt and grey shorts is sitting on a curved wooden bench, looking down at a device in his hands. The bench is situated on a paved area next to a large, leafy green tree. In the background, there is a grassy lawn and more trees, suggesting a park or campus setting.

[illegible]

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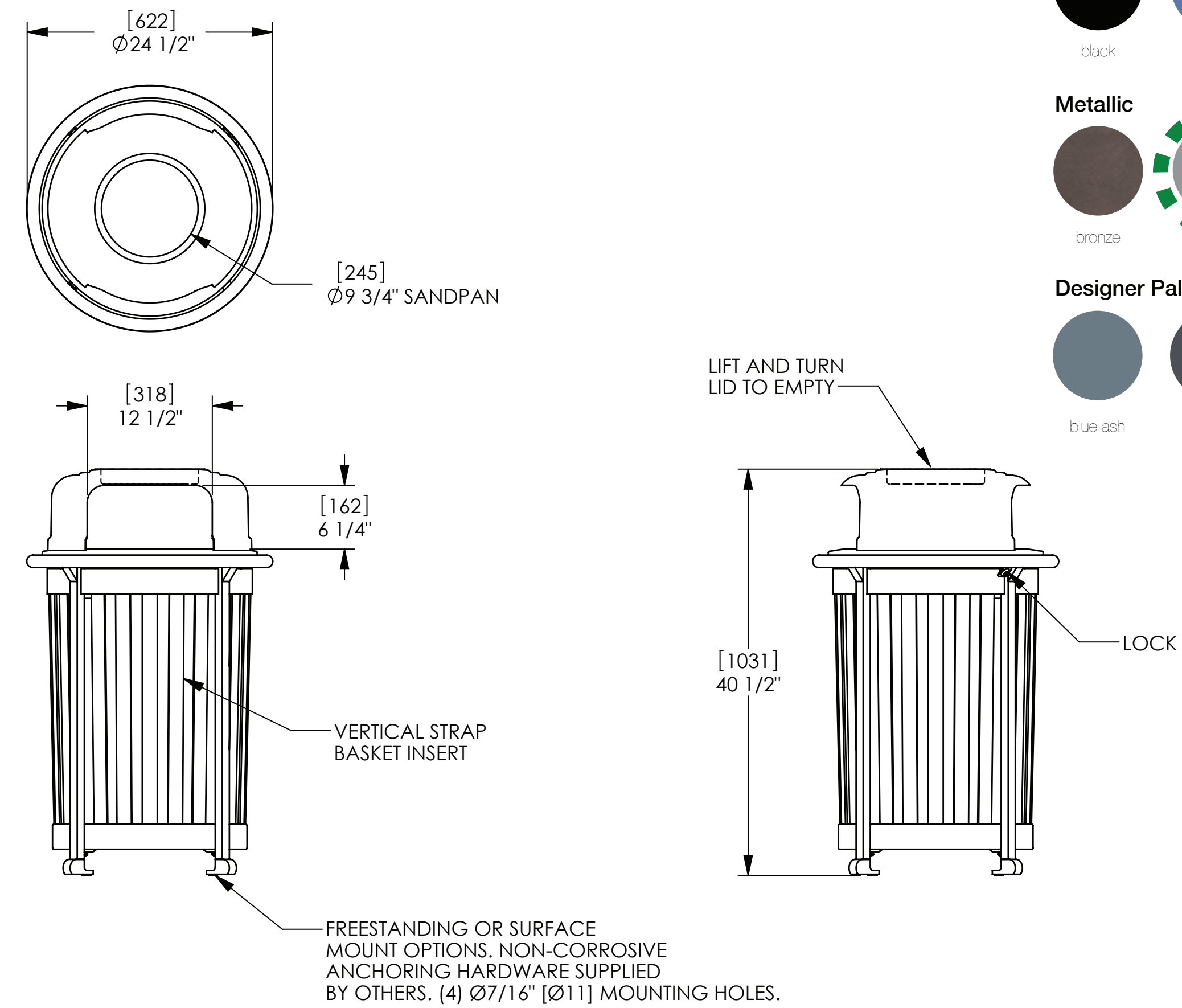
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LANDSCAPEFORMS: SCARBOROUGH RECEPTACLE (SIDE OPEN)

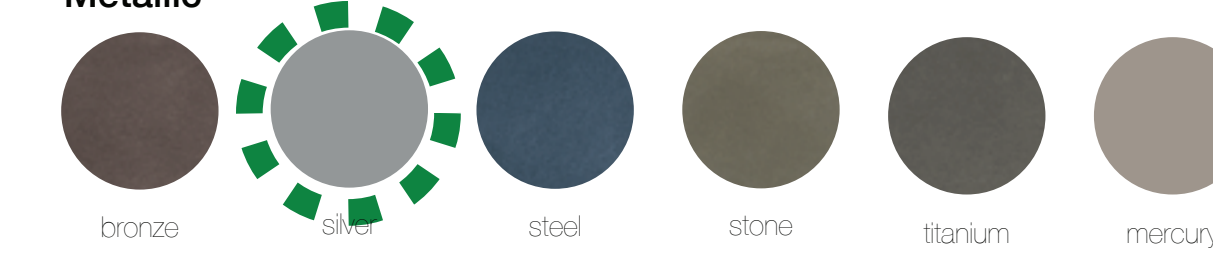


Powdercoated Metal

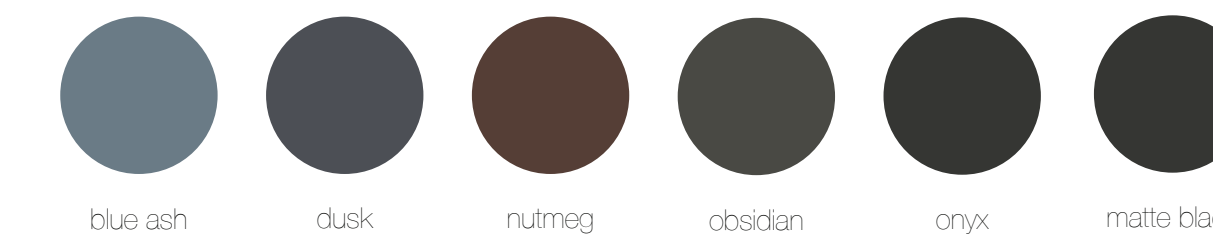
In addition to colors shown below, a wide selection of optional and custom colors may be specified for an upcharge.



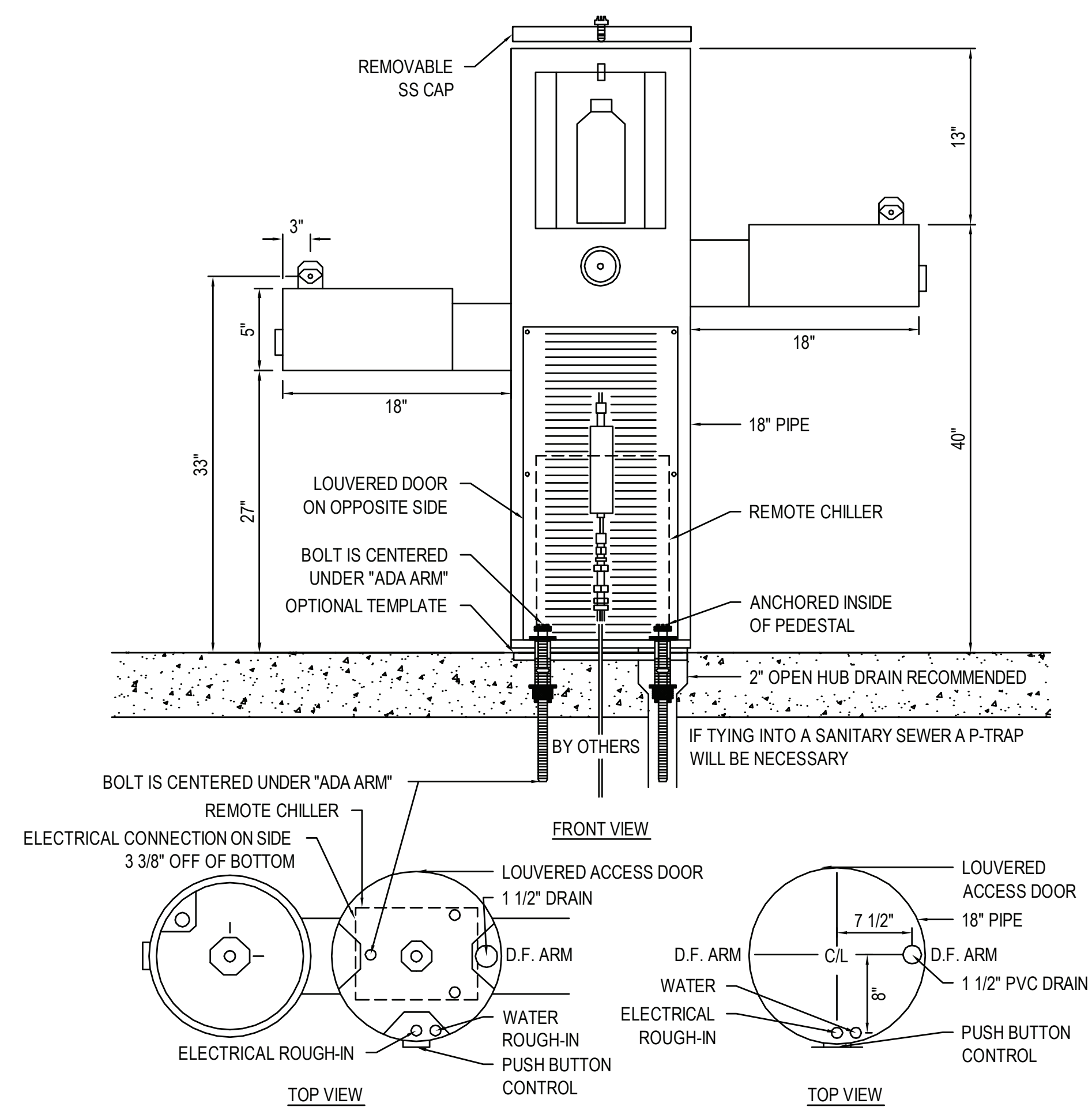
Metallic



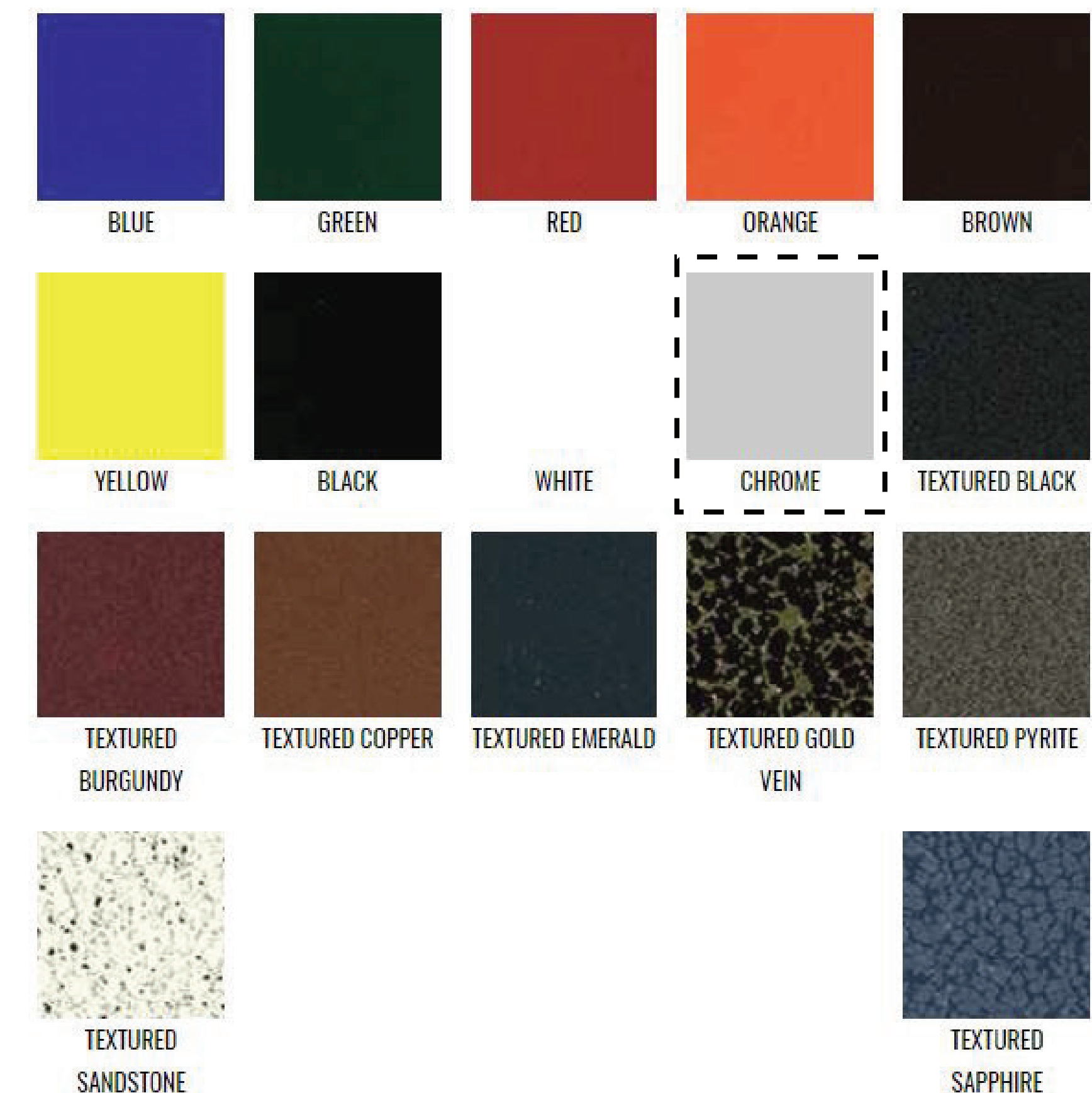
Designer Palette: Architectural Series



MOSTDEPENDABLE: 10145-18 SMSS CHILLED



AVAILABLE COLORS



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PROJECT / FILE NO.		

8-00020

DRAWING NO.
LMB 0

LNP-8

DATE DRAWN:
8/8/18

APPROVED : _____

FLA. REGISTRATION NO. _____ DATE : _____

A large indoor climbing wall with four children climbing. The wall is grey with red and yellow handholds. A blue mat is on the floor.



Mortar joints struck flush

Base coat approx. $\frac{3}{8}$ in. (9.5 mm) thick

Finish coat approx. $\frac{1}{8}$ in. (3 mm) thick

8'-0"

1-#4 HORIZONTAL CONTINUOUS IN BOND BEAM AT TOP

#4 VERTICAL CONTINUOUS @ 32" O.C. CENTERED IN WALL

1-#4 HORIZONTAL CONTINUOUS IN BOND BEAM AT MID HEIGHT

6" X 8" 16" BLOCK TYPICAL

SOLID GROUT ALL CELLS CONTAINING REINFORCEMENT (REBAR)

20" MINIMUM LAP

#4 BAR @ 32" O.C. ALTERNATING BEND DIRECTION

FIN. GRADE

12" MINIMUM INTO NATURAL SOIL

3" MINIMUM CONCRETE COVER

3-#4 HORIZONTAL CONTINUOUS IN FOOTING

FIN. GRADE MAXIMUM SOIL HEIGHT DIFFERENTIAL BETWEEN SIDES IS 12"

12" MIN.

3'-0"

Diagram illustrating the attachment of a wall climber to a concrete wall. The diagram shows a cross-section of a concrete wall with two screws inserted into it. The screws are labeled as (4) 1/4" CONCRETE WALL SCREWS. A hand holder, labeled WALL CLIMBER HAND HOLDER, is shown attached to the wall via these screws. The concrete wall is labeled CONCRETE WALL.

[illegible]

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ACCENT PANELS

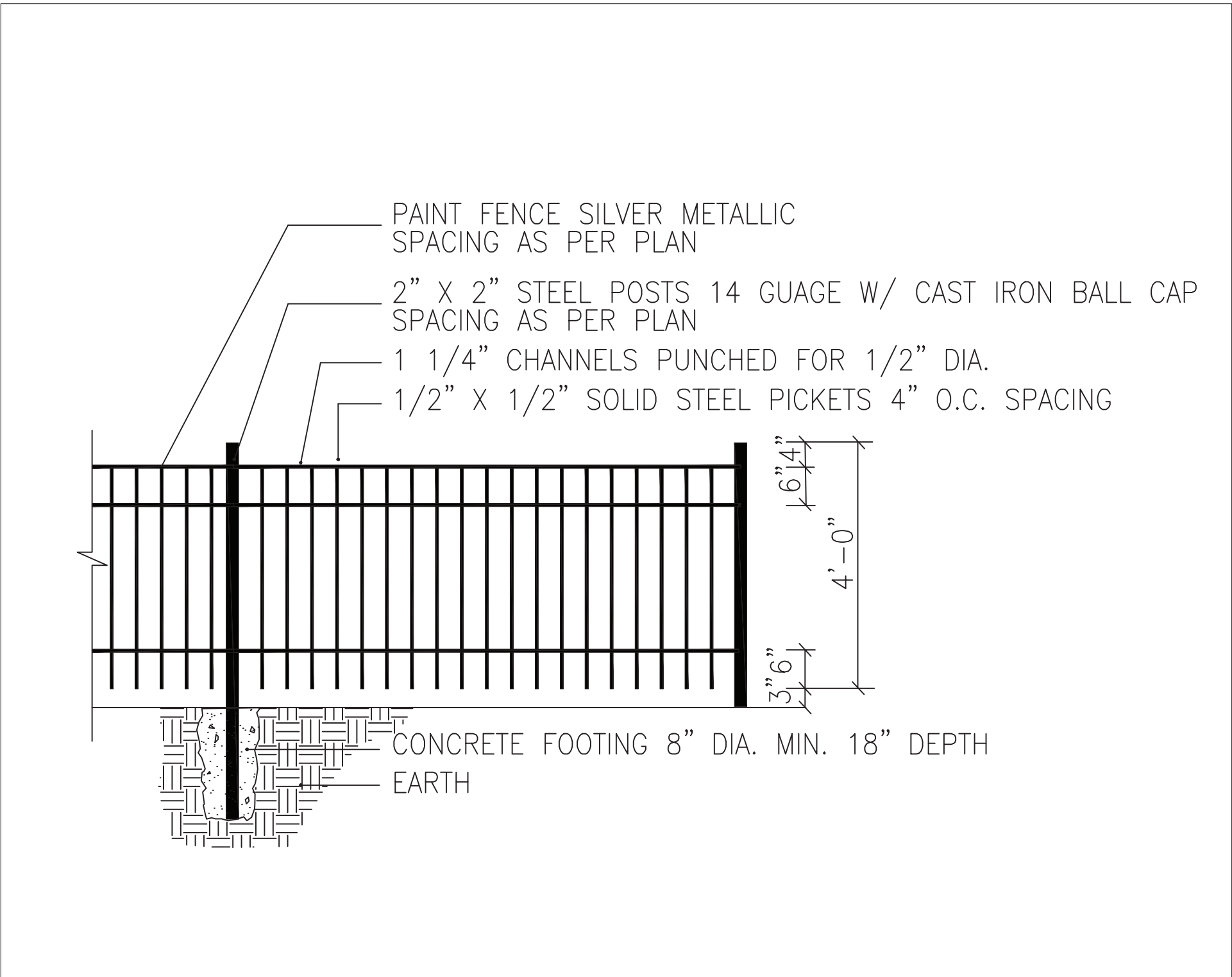


Victory Garden
Washington

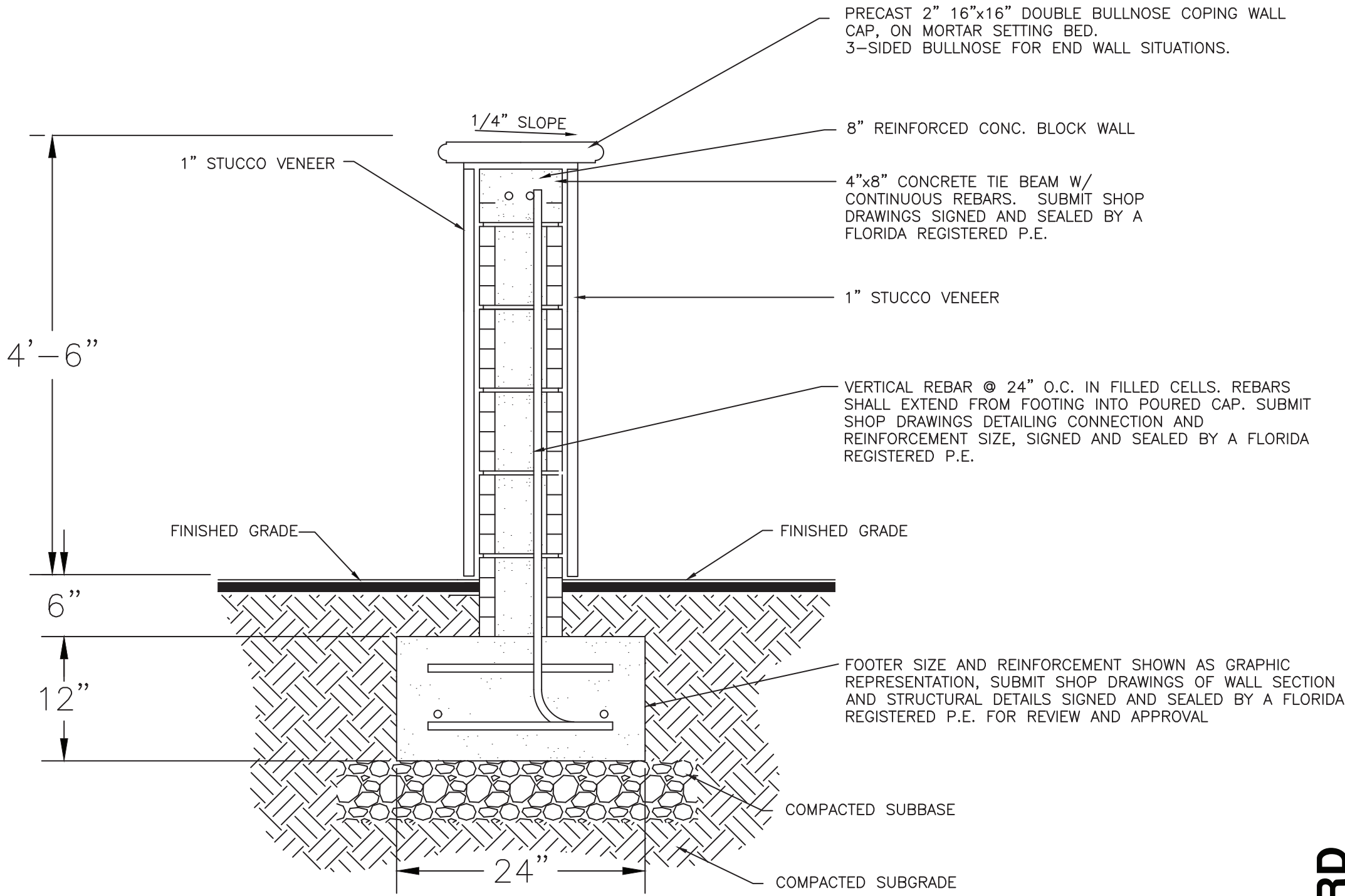
FENCE AND COLUMN DETAILS



MIAMI BEACH LA GORCE PARK
FENCE FOR REFERENCE



PICKET FENCE DETAIL



FENCE COLUMN DETAIL

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