



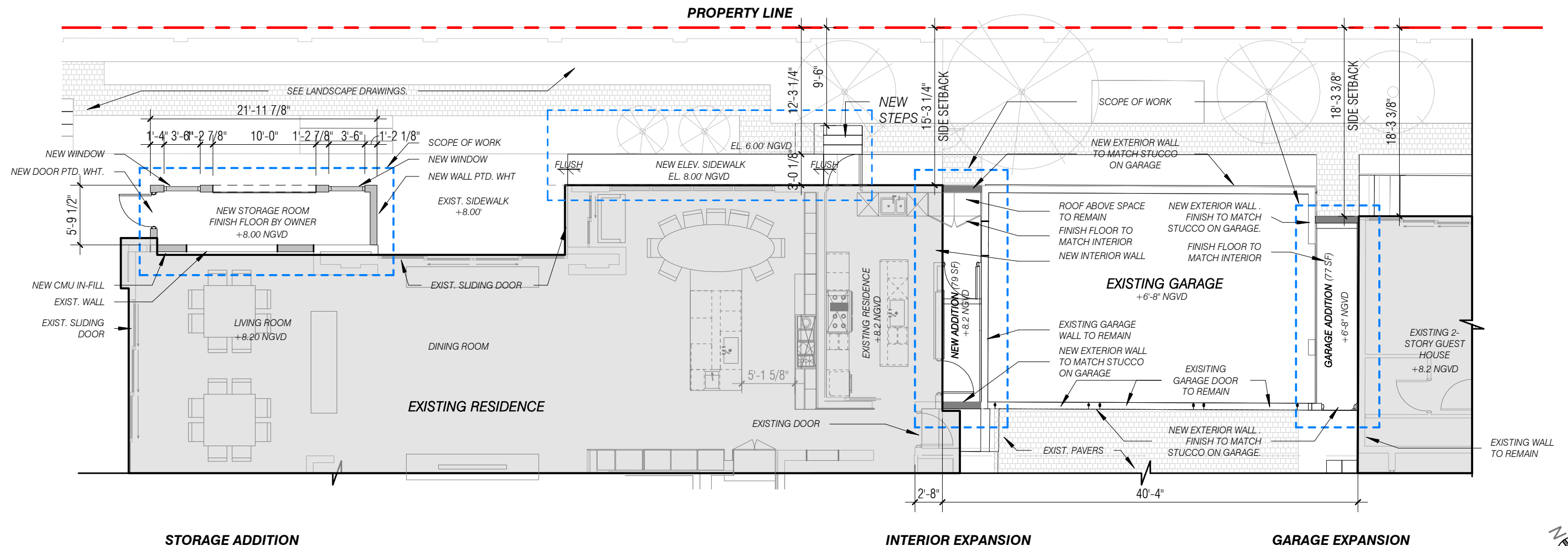
STORAGE NORTH ELEVATION



GARAGE NORTH ELEVATION



GARAGE WEST ELEVATION



6342 / 6360 N BAY ROAD - SECOND SUBMITTAL

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Fernandez

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by Christopher
Fernandez
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13:57:02 -04'00'

Enlarge Ground Floor Plan

1" = 10'-0"

03-16-2021

_A-201



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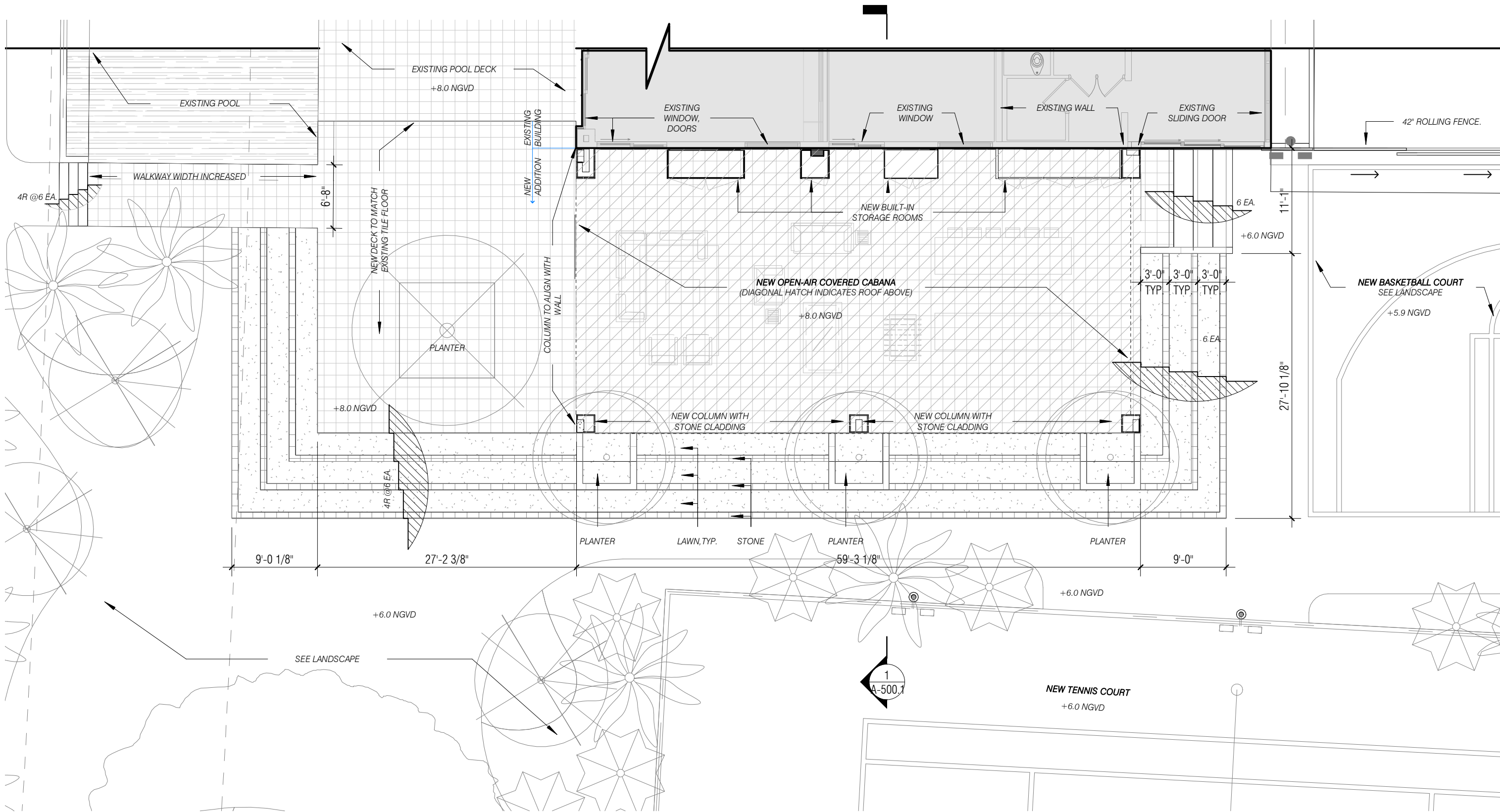
Christopher
Fernandez

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Christopher
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Storage Diagram

03-16-2021

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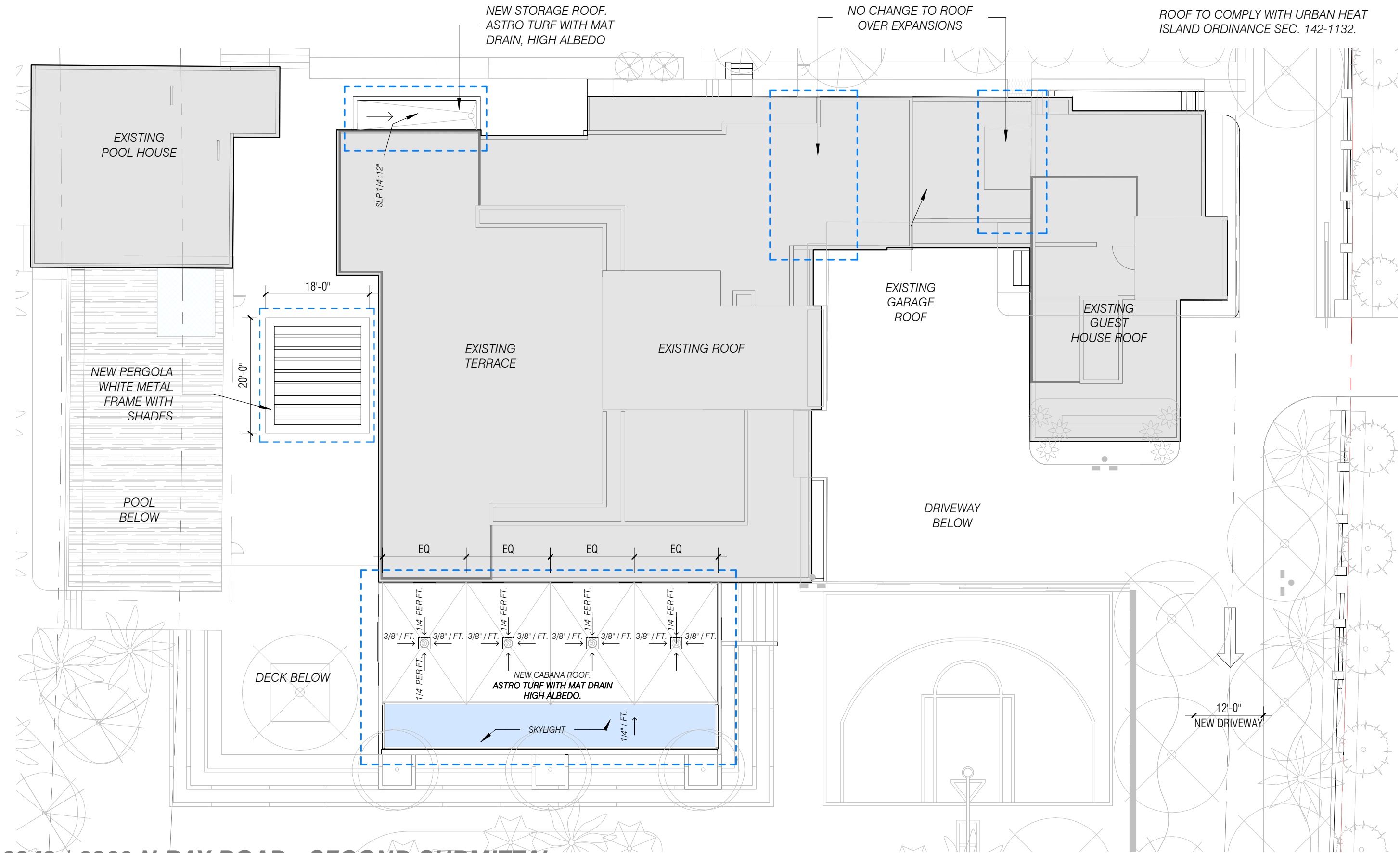
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Enlarge Ground Floor Plan

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13:58:13 -04'00'

Roof Plan

1/16" = 1'-0"

03-16-2021



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13:58:33 -04'00'

Site Section - West to East

03-16-2021

_A-056



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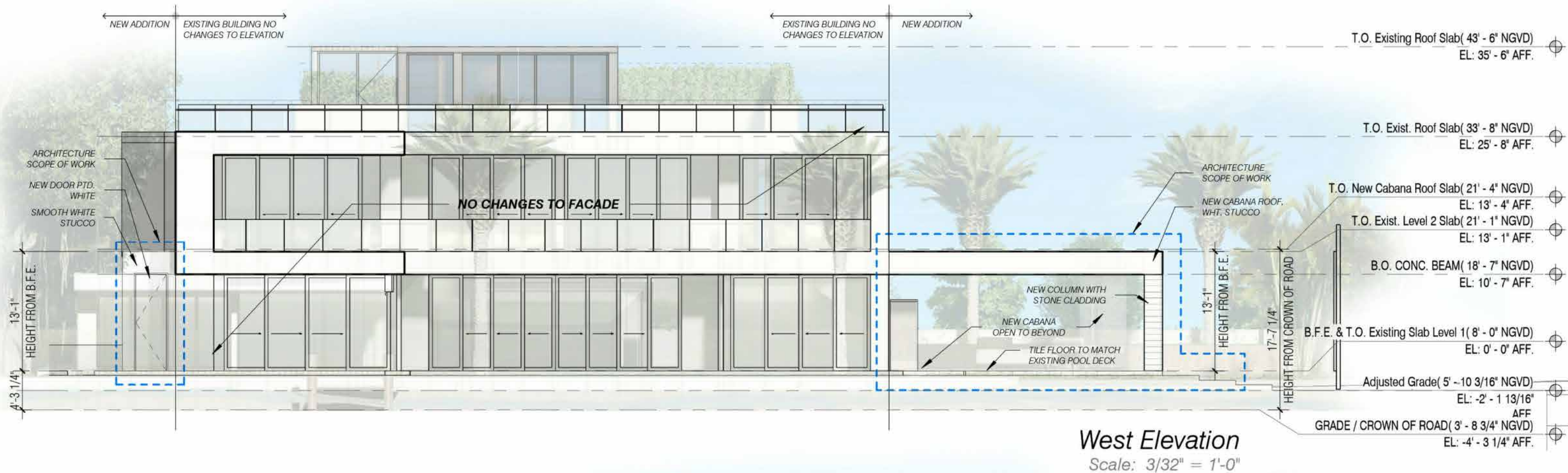
SEAL:

Carolina
Monteiro

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Carolina Monteiro
Date: 2021.03.18
13:21:19 -04'00'

Landscape Site Section

03-16-2021



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Fernandez**

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Fernandez
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13:58:56 -04'00'

Elevations

Scale: 3/32" = 1'-0"

03-16-2021

A-500



Existing North Elevation
Scale: 1/16" = 1'-0"



Proposed North Elevation
Scale: 1/16" = 1'-0"

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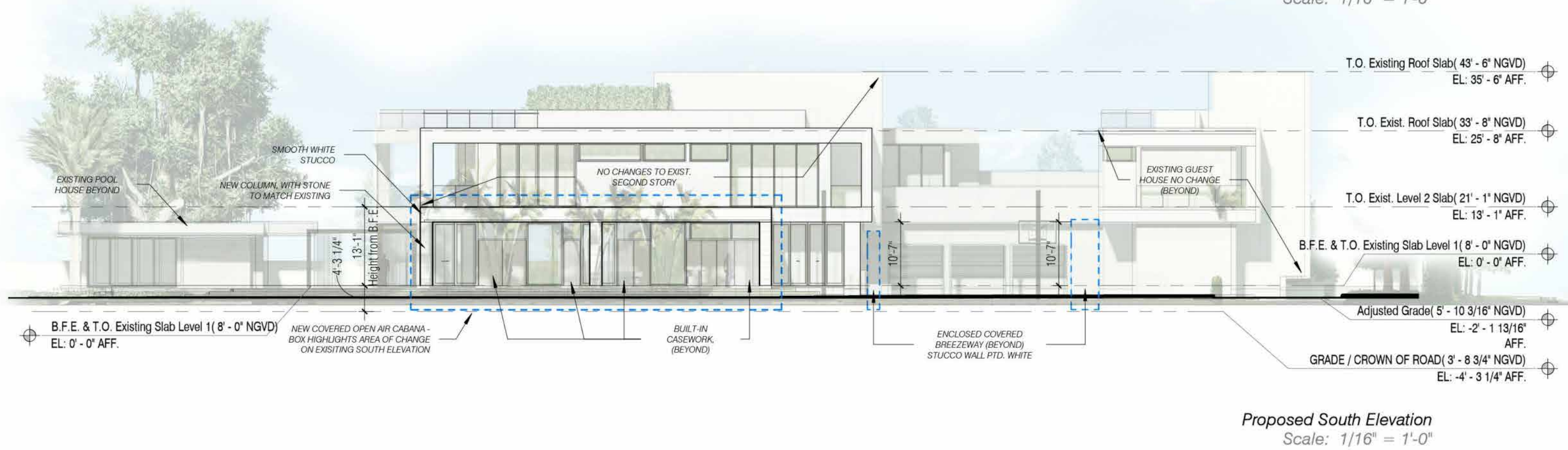
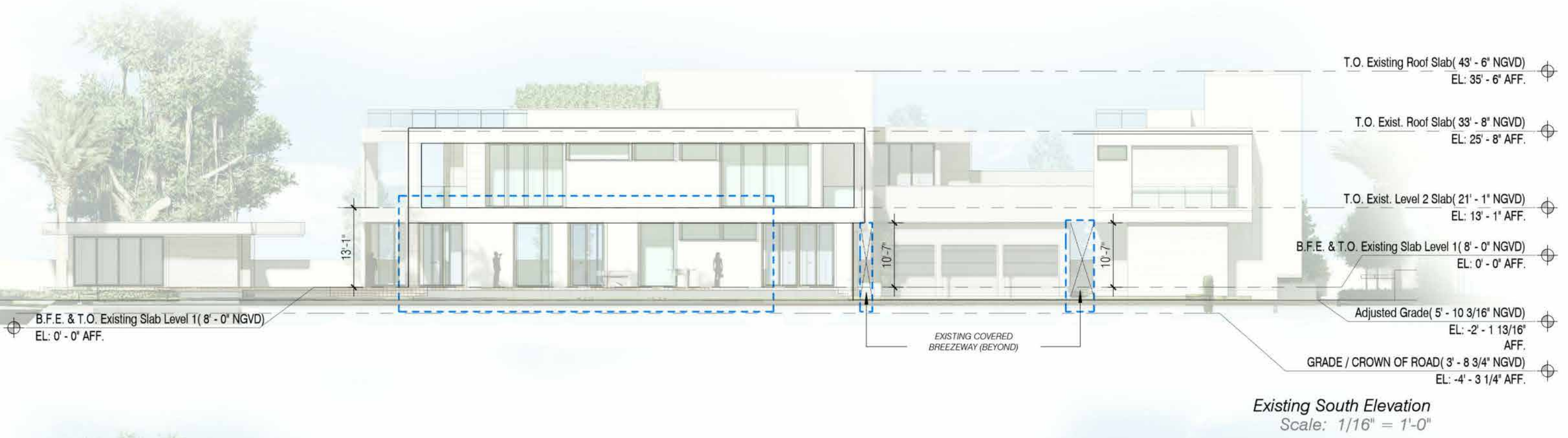
SEAL:

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Fernandez
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by Christopher
Fernandez
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13:59:20 -04'00'

Elevations

03-16-2021

_A-501



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Elevations

03-16-2021

MATERIAL BOARD



POOL STONE TILE



GLASS SKYLIGHT



VEHICULAR PAVERS



WOOD CEILING



STONE CLADDING ON BDLG



GLASS AND FRAME



WHITE STUCCO



METAL COLUMNS

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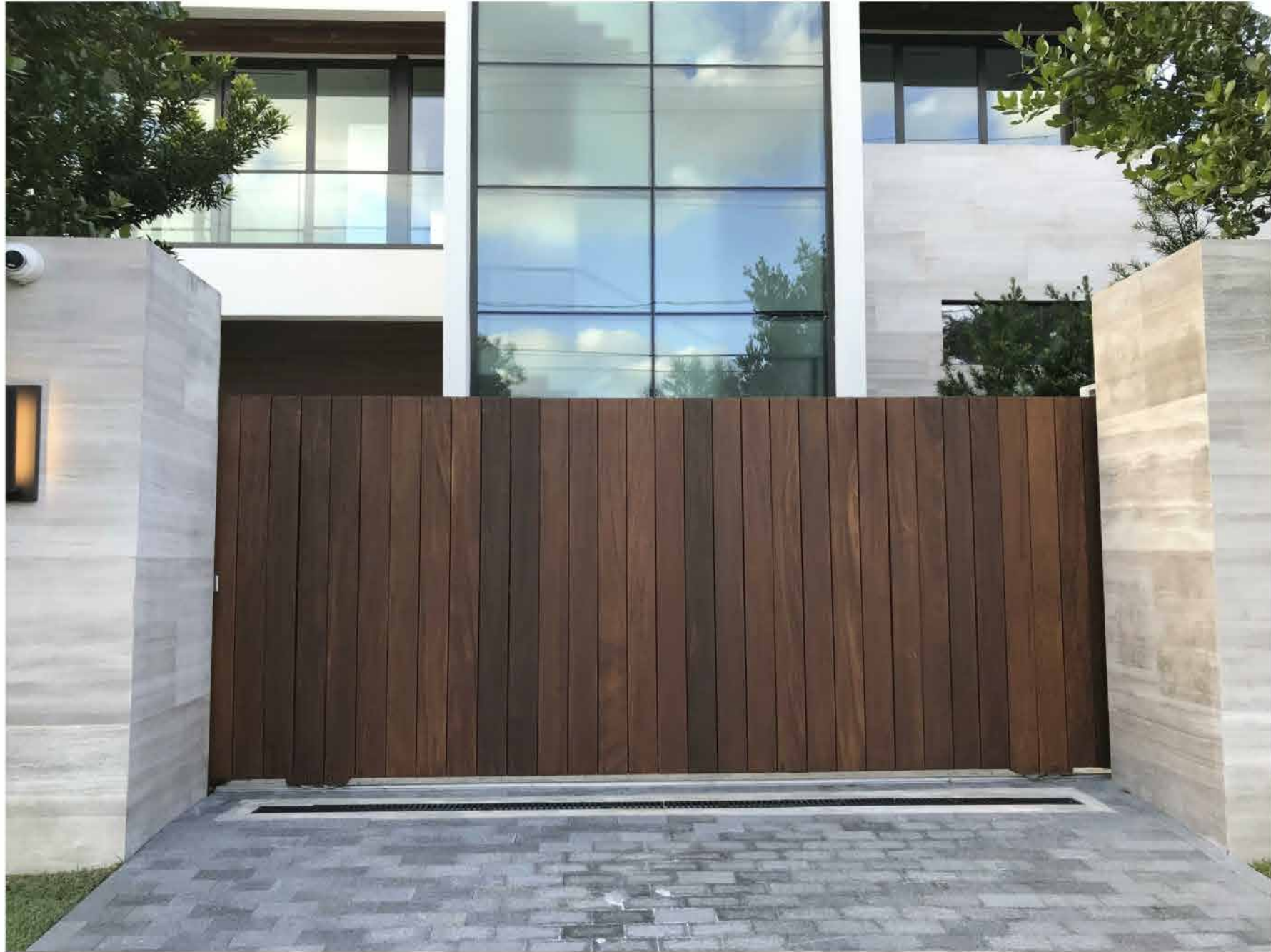
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Fernandez

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by Christopher
Fernandez
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Material Board

03-16-2021



VEHICULAR GATES & WALL



TENNIS COURT FENCE

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Material Board

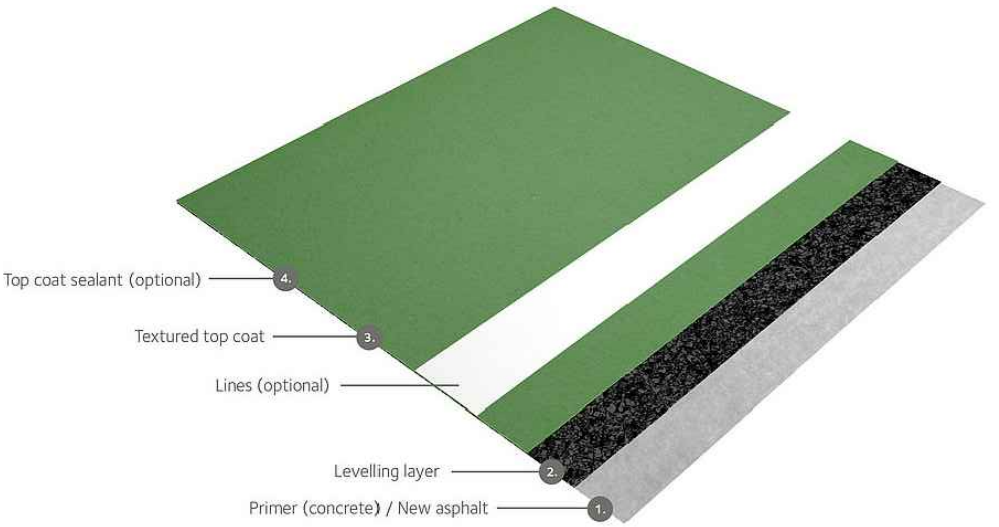
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ARTIFICIAL GRASS



PERMEABLE PAVERS



ACRYLIC SPORTS SURFACE

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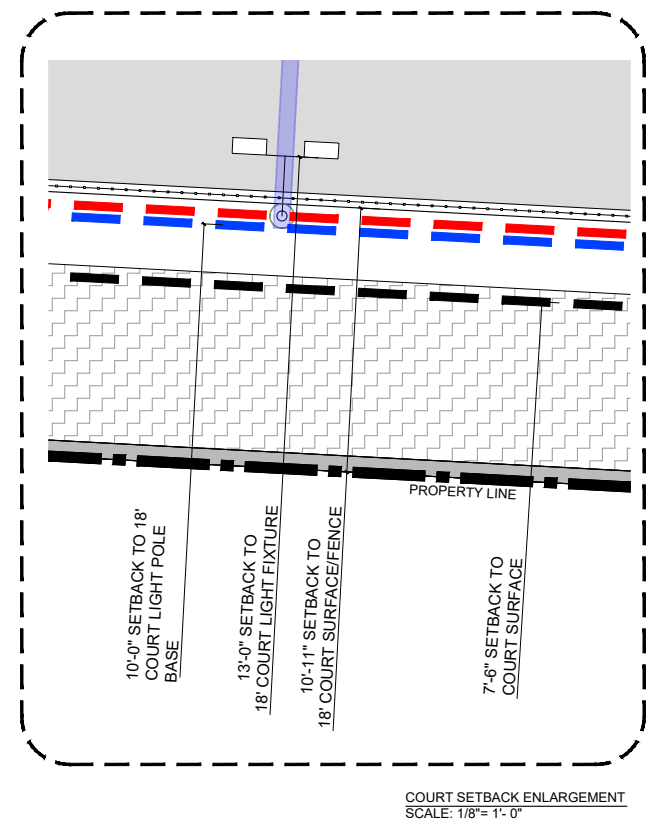
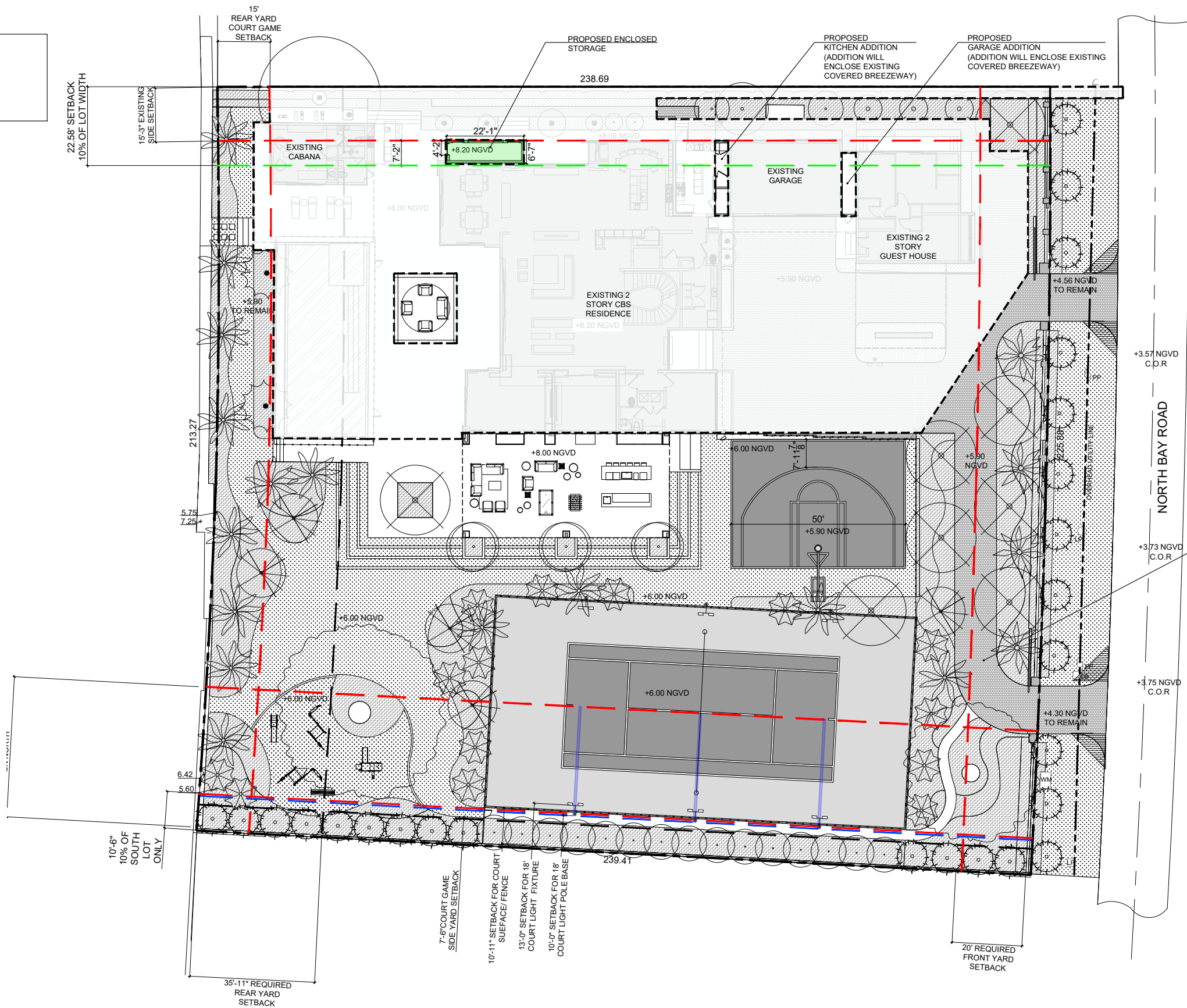
Carolina Monteiro
Digitally signed by Carolina Monteiro
Date: 2021.03.18 13:22:22 -04'00'

Materials Board

03-16-2021

VARIANCE LEGEND:

- SUM OF SIDE YARDS
- PROPOSED OUTDOOR STORAGE
- NOT IN SCOPE



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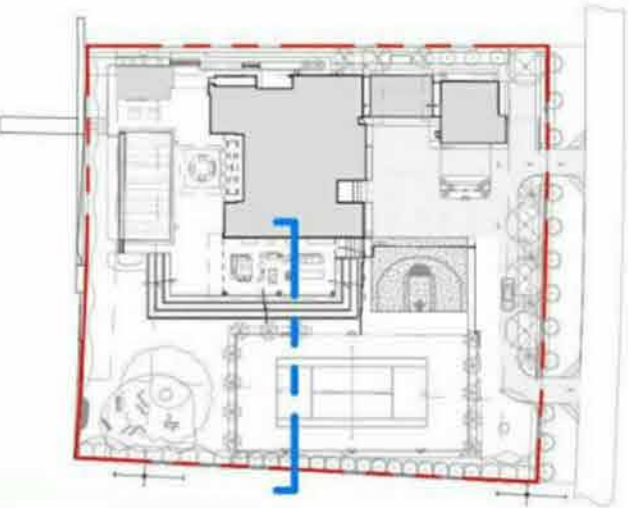
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Variance Diagram

03-16-2021

TENNIS LIGHT POLE DETAIL

POLE SPECIFICATIONS					
NO.	COMPONENT			MAT'L DESIGNATION	
1.	POLE SHAFT			6063-T6	
2.	BASE PLATE			A356-T6	
3.	ANCHOR BOLTS			F1554 GR. 55	
4.	GALVANIZED HARDWARE			A153	
FINISH SPECIFICATIONS					
POLES SHALL HAVE A POLYESTER POWDER COAT FINISH IN A STANDARD COLOR.					
POLE DIMENSIONS					
POLE HGT. (FT.)	TOP DIA. (IN.)	BOTTOM DIA. (IN.)		GAGE	MTG. HGT. (FT.)
18'	3.00	6.00		.156	18'
BASE PLATE DIMENSIONS					
BOLT CIRCLE (IN.)	BASE PLATE DIM. (IN.)		BOLT HOLE (IN.)	PLATE THK. (IN.)	
8.75	11.62		.88	.75	
ANCHOR BOLT DIMENSIONS					
ANCHOR BOLT DIA. (IN.)			ANCHOR BOLT LENGTH (IN.)		
.75			20.00		
ALLOWABLE WIND LOADING (SQ. FT.)					
WIND*	INDICATED EPA	80 MPH	90 MPH	100 MPH	120 MPH
EPA	-	11.6	9.3	7.4	4.7
*WITH 1.3 GUST FACTOR					



SITE PLAN KEY DIAGRAM
Scale: 1" = 100'-0"



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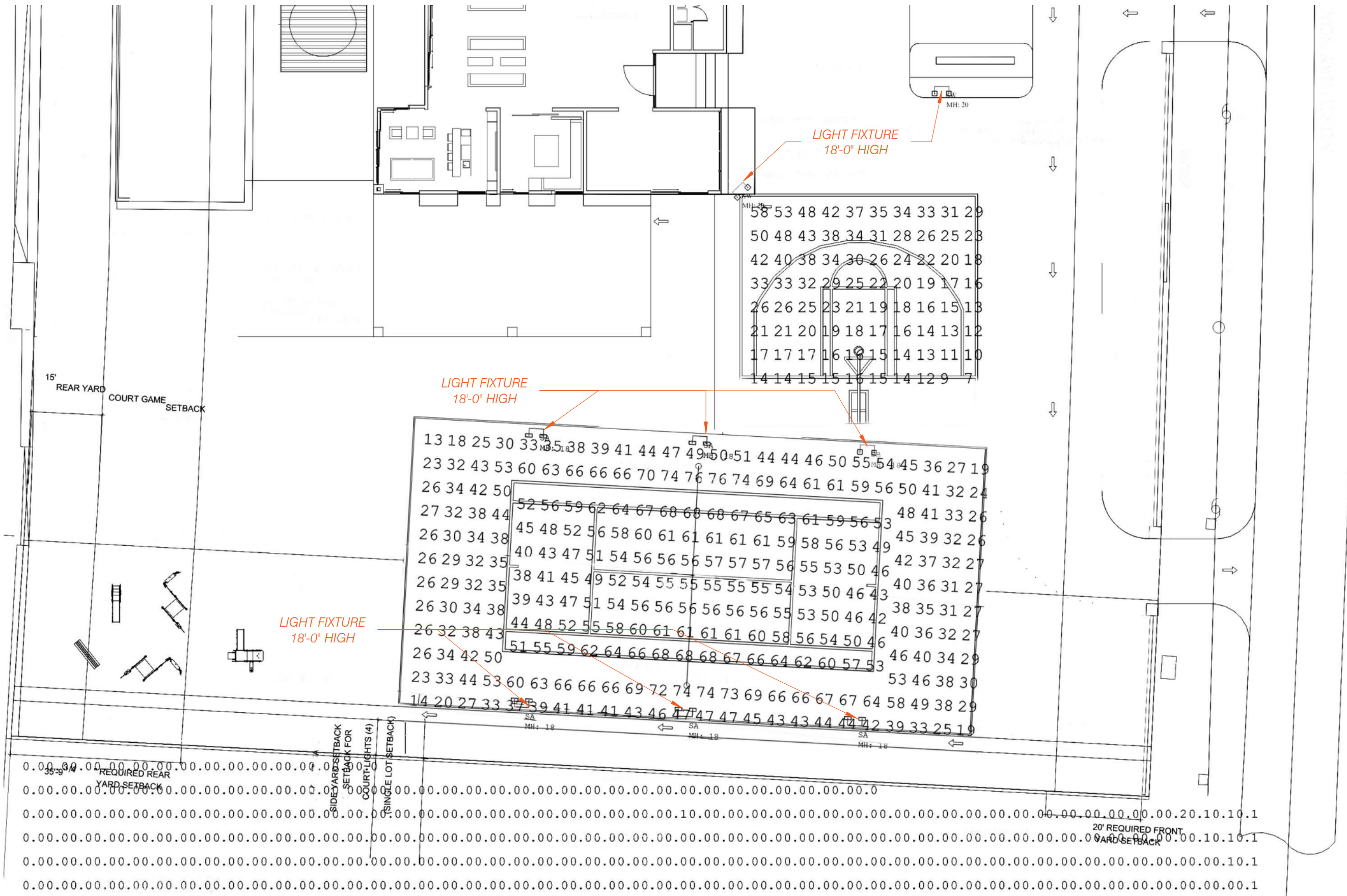
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Fernandez
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Fernandez
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Section of Cabana

03-16-2021



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INFORMATION PROVIDED BY : SESCO LIGHTING

MEASUREMENT IN FOOT CANDLES



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14:01:25 -04'00'

Photometrics

03-16-2021



Gardco PureForm LED area large P34 features a sleek, low profile design and optimal performance. PureForm area large is designed to achieve maximum pole spacing, with lumen output up to 50,000 lumens. Multiple distribution and shielding options are available to achieve maximum control. A full range of control options provides additional energy savings.

Project: _____
Location: _____
Cat. No: _____
Type: _____
Lumens: _____ Qty: _____
Notes: _____

Ordering guide

example: P34-96L-800-NW-G2-AR-5-120-F1-MGY

Prefix	Number of LEDs	Drive Current	LED Color - Generation	Mounting	Distribution	Voltage
P34						
P34 PureForm site and area, 34"	96L 96 LEDs (5 modules)	600 600 mA ¹⁶	WW-G2 Warm White 3000K, 70 CRI Generation 2	AR Arm Mount (standard) ¹	Type 2 2 Type 2 2-90 Rotated left 90° 2-270 Rotated right 270°	120 120V 208 208V 240 240V 277 277V 347 347V 480 480V UNV 120-277V (50/60Hz) HVU 347-480V (50/60Hz)
		800 800 mA				
		900 900 mA				
		1050 1050 mA				
	128L 128 LEDs (8 modules)	600 600 mA ¹⁶ 900 900 mA 1050 1050 mA	NW-G2 Neutral White 4000K, 70 CRI Generation 2	<i>The following mounting kits must be ordered separately (See accessories)</i> SF Slip Fitter Mount ³ (fits to 2 1/4" O.D. tenon) WS Wall mount with surface conduit rear entry permitted RAM Retrofit arm mount kit ²	Type 3 3 Type 3 3-90 Rotated left 90° 3-270 Rotated right 270° Type 4 4 Type 4 4-90 Rotated left 90° 4-270 Rotated right 270°	5W Type 5W AFR-90 Auto Front Row, rotated left 90° AFR-270 Auto Front Row, rotated right 270° BLC Back Light Control BLC-90 Back Light Control rotated at 90° BLC-270 Back Light Control rotated at 270°
			CW-G2 Cool White 5000K, 70 CRI Generation 2			
			WY-G2 Warm Yellow 2700K, 80 CRI Generation 2 ¹			
			BW-G2 Balanced White 3500K (80 CRI) Generation 2 ¹			
			AM-G2 Direct Amber (590nm) Generation 2 ^{1,16}			

Options					
Dimming controls	Motion sensing lens	Photo-sensing	Electrical	Luminaire	Finish
DD 0-10V External dimming (by others) ^{4,5} DCC Dual Circuit Control ^{4,5,19} FAWS Field Adjustable Wattage Selector ^{4,5} SW Interface module for SiteWise ^{4,17} LLC Integral wireless module ^{4,5,6,20} BL Bi-level functionality ^{4,18} DynaDimmer: Automatic Profile Dimming CS50 Security 50% Dimming, 7 hours ^{4,5,21} CM50 Median 50% Dimming, 8 hours ^{4,5,21} CS30 Security 30% Dimming, 7 hours ^{4,5,21} CM30 Median 30% Dimming, 8 hours ^{4,5,21}	IMRI3 Integral with #3 lens ¹⁷ IMRI7 Integral with #7 lens ¹⁸	PCB Photocontrol Button ^{8,9} TLRD5 Twist Lock Receptacle 5 Pin ¹⁰ TLRD7 Twist Lock Receptacle 7 Pin ¹⁰ TLRPC Twist Lock Receptacle w/Photocell ¹⁰	Fusing F1 Single (120, 277, 347VAC) ⁹ F2 Double (208, 240, 480VAC) ⁹ F3 Canadian Double Pull (208, 240, 480VAC) ⁹ Pole Mount Fusing FP1 Single (120, 277, 347VAC) ⁹ FP2 Double (208, 240, 480VAC) ⁹ FP3 Canadian Double Pull (208, 240, 480VAC) ⁹ Surge Protection (10kA standard) SP2 Increased 20kA	Square Pole Adapter included as standard TB Terminal Block ¹¹ RPA Round Pole Adapter (fits to 3"-3.9" O.D. pole) ¹¹ HIS Internal Housing Side Shield ¹⁴	Textured BK Black WH White BZ Bronze DGY Dark Gray MGY Medium Gray Customer specified RAL Specify optional color or RAL (ex: RAL7024) CC Custom color (Must supply color chip for required factory quote)

- Extended lead times apply. Contact factory for details.
- Mounts to a 4-5" round pole with adapter included for square poles.
- Limited to a maximum of 45 degrees aiming above horizontal.
- Not available with other dimming control options.
- Not available with motion sensor.
- Not available with photocell.
- Available only in 120 or 277V.
- Not available in 347 or 480V.
- Must specify input voltage.
- Dimming will not be connected to NEMA receptacle if ordering with other control options.
- Not available in 480V. Order photocell separately with TLRD5/7.
- TB not available with DCC.
- Not available with SF and WS. RPAs provided with black finish standard.
- HIS not available with Type 5, SW, and BLC optics.
- Not available with 96L (6 modules).
- Amber LEDs (AM) available only in 600mA.
- Not available with DD, DCC, and FAWS dimming control options.
- Not available with DD, DCC, FAWS and LLC dimming control options.
- Not available with DD, DCC, FAWS, LLC, and BL dimming control options (SW or DynaDimmer required).
- Must specify a motion sensor lens.
- Not available with 128L 1050mA.

P34 PureForm LED large Area light

PureForm P34 Accessories: (ordered separately, field installed)

Controls Accessories	Shielding Accessories	Mounting Accessories
<input type="text"/>	<input type="text"/>	<input type="text"/>
BL Optional Remote Programming Tool FSIR-100	House Side shield <i>Standard optic orientation:</i> HIS-96-V ²² Internal House Side Shield for 96 LEDs (6 modules) HIS-128-V ²² Internal House Side Shield for 128 LEDs (8 modules) <i>Optic at 90° or 270° orientation:</i> HIS-96-H ²² Internal House Side Shield for 96 LEDs (6 modules) HIS-128-H ²² Internal House Side Shield for 128 LEDs (8 modules)	PureForm PTF2 (pole top fitter fits 2 3/8-2 1/2" OD x 4" depth tenon) PTF2-P26/34-1-90-(F) 1 luminaire at 90° PTF2-P26/34-2-90-(F) 2 luminaires at 90° PTF2-P26/34-2-180-(F) 2 luminaires at 180° PTF2-P26/34-3-90-(F) 3 luminaires at 90° PTF2-P26/34-4-90-(F) 4 luminaires at 90° PTF2-P26/34-3-120-(F) 3 luminaires at 120° PureForm PTF3 (pole top fitter fits 3-3 1/2" OD x 6" depth tenon) PTF3-P26/34-1-90-(F) 1 luminaire at 90° PTF3-P26/34-2-90-(F) 2 luminaires at 90° PTF3-P26/34-2-180-(F) 2 luminaires at 180° PTF3-P26/34-3-90-(F) 3 luminaires at 90° PTF3-P26/34-4-90-(F) 4 luminaires at 90° PTF3-P26/34-3-120-(F) 3 luminaires at 120° PureForm PTF4 (pole top fitter fits 3 1/2-4" OD x 6" depth tenon) PTF4-P26/34-1-90-(F) 1 luminaire at 90° PTF4-P26/34-2-90-(F) 2 luminaires at 90° PTF4-P26/34-2-180-(F) 2 luminaires at 180° PTF4-P26/34-3-90-(F) 3 luminaires at 90° PTF4-P26/34-4-90-(F) 4 luminaires at 90° PTF4-P26/34-3-120-(F) 3 luminaires at 120° P34-SF-G2-(F) Slip Fitter Mount (fits to 2 3/8" O.D. tenon) P34-RAM-G2-(F) Retrofit Arm mount kit P34-WS-G2-(F) Wall mount with surface conduit rear entry permitted P34-BD-G2 Bird deterrent (F) = Specify finish

²² HIS not available with Type 5, SW, and BLC optics



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INFORMATION PROVIDED BY : SESCO LIGHTING

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Fernandez
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Fernandez
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14:01:48 -04'00'

Lighting

03-16-2021

P34 PureForm LED large
Area light

LED Wattage and Lumen Values - 3000K

Ordering Code	Total LEDs	LED Current (mA)	Color Temp.	Average System Watts	Type 2			Type 3			Type 4					
					Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)			
P34-96L-800-WW-G2-x	96	800	3000	232	26591	B3-U0-G3	115	26039	B3-U0-G4	112	26627	B3-U0-G4	115			
P34-96L-900-WW-G2-x	96	900	3000	263	29373	B4-U0-G3	112	28763	B3-U0-G4	110	29412	B3-U0-G4	112			
P34-96L-1050-WW-G2-x	96	1050	3000	310	32791	B4-U0-G4	106	32110	B3-U0-G5	104	32835	B3-U0-G5	106			
P34-128L-900-WW-G2-x	128	900	3000	350	38325	B4-U0-G4	110	37530	B3-U0-G5	107	38377	B3-U0-G5	110			
P34-128L-1050-WW-G2-x	128	1050	3000	414	43056	B4-U0-G4	104	42162	B4-U0-G5	102	43114	B3-U0-G5	104			
Ordering Code	Total LEDs	LED Current (mA)	Color Temp.	Average System Watts	Type 5			Type 5W			Type AFR			Type BLC		
					Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)
P34-96L-800-WW-G2-x	96	800	3000	232	27785	B5-U0-G3	120	27119	B5-U0-G4	117	27643	B4-U0-G3	119	20034	B1-U0-G4	86
P34-96L-900-WW-G2-x	96	900	3000	263	30692	B5-U0-G4	117	29956	B5-U0-G4	114	30535	B4-U0-G3	116	22130	B1-U0-G4	84
P34-96L-1050-WW-G2-x	96	1050	3000	310	34264	B5-U0-G4	111	33442	B5-U0-G4	108	34089	B4-U0-G3	110	24706	B1-U0-G4	80
P34-128L-900-WW-G2-x	128	900	3000	350	40047	B5-U0-G4	115	39087	B5-U0-G4	112	39842	B4-U0-G4	114	28976	B1-U0-G4	83
P34-128L-1050-WW-G2-x	128	1050	3000	414	44990	B5-U0-G4	109	43911	B5-U0-G5	105	44760	B4-U0-G4	108	32440	B1-U0-G5	78

LED Wattage and Lumen Values - 4000K

Ordering Code	Total LEDs	LED Current (mA)	Color Temp.	Average System Watts	Type 2			Type 3			Type 4		
					Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)
P34-96L-800-NW-G2-x	96	800	4000	232	29545	B4-U0-G3	128	28932	B3-U0-G4	125	29585	B3-U0-G4	128
P34-96L-900-NW-G2-x	96	900	4000	263	32636	B4-U0-G4	124	31959	B3-U0-G4	122	32680	B3-U0-G5	124
P34-96L-1050-NW-G2-x	96	1050	4000	310	36434	B4-U0-G4	118	35678	B3-U0-G5	115	36483	B3-U0-G5	118
P34-128L-900-NW-G2-x	128	900	4000	350	42584	B4-U0-G4	122	41700	B4-U0-G5	119	42641	B3-U0-G5	122
P34-128L-1050-NW-G2-x	128	1050	4000	414	47840	B4-U0-G4	115	46847	B4-U0-G5	113	47904	B4-U0-G5	116

Ordering Code	Total LEDs	LED Current (mA)	Color Temp.	Average System Watts	Type 5			Type 5W			Type AFR			Type BLC		
					Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)
P34-96L-800-NW-G2-x	96	800	4000	232	30872	B5-U0-G4	133	30131	B5-U0-G4	130	30715	B4-U0-G3	133	22261	B1-U0-G4	96
P34-96L-900-NW-G2-x	96	900	4000	263	34102	B5-U0-G4	130	33284	B5-U0-G4	127	33928	B4-U0-G3	129	24589	B1-U0-G4	94
P34-96L-1050-NW-G2-x	96	1050	4000	310	38071	B5-U0-G4	123	37157	B5-U0-G4	120	37877	B4-U0-G3	122	27451	B1-U0-G4	89
P34-128L-900-NW-G2-x	128	900	4000	350	44497	B5-U0-G4	127	43429	B5-U0-G5	124	44269	B4-U0-G4	127	32084	B1-U0-G5	92
P34-128L-1050-NW-G2-x	128	1050	4000	414	49389	B5-U0-G5	121	48789	B5-U0-G5	118	49733	B4-U0-G4	120	36044	B1-U0-G5	87

LED Wattage and Lumen Values - 5000K

Ordering Code	Total LEDs	LED Current (mA)	Color Temp.	Average System Watts	Type 2			Type 3			Type 4					
					Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)			
P34-96L-800-CW-G2-x	96	800	5000	232	28659	B4-U0-G3	124	28064	B3-U0-G4	121	28697	B3-U0-G4	124			
P34-96L-900-CW-G2-x	96	900	5000	263	31657	B4-U0-G3	121	31000	B3-U0-G4	118	31700	B3-U0-G5	121			
P34-96L-1050-CW-G2-x	96	1050	5000	310	35341	B4-U0-G4	114	34608	B3-U0-G5	112	35389	B3-U0-G5	114			
P34-128L-900-CW-G2-x	128	900	5000	350	41306	B4-U0-G4	118	40449	B3-U0-G5	116	41362	B3-U0-G5	118			
P34-128L-1050-CW-G2-x	128	1050	5000	414	46405	B4-U0-G4	112	45441	B4-U0-G5	110	46467	B4-U0-G5	112			
Ordering Code	Total LEDs	LED Current (mA)	Color Temp.	Average System Watts	Type 5			Type 5W			Type AFR			Type BLC		
					Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)	Lumen Output	BUG Rating	Efficacy (LPW)
P34-96L-800-CW-G2-x	96	800	5000	232	29946	B5-U0-G4	129	29226	B5-U0-G4	126	29793	B4-U0-G3	129	21593	B1-U0-G4	93
P34-96L-900-CW-G2-x	96	900	5000	263	33079	B5-U0-G4	126	32286	B5-U0-G4	123	32910	B4-U0-G3	125	23852	B1-U0-G4	91
P34-96L-1050-CW-G2-x	96	1050	5000	310	36929	B5-U0-G4	119	36043	B5-U0-G4	116	36740	B4-U0-G3	118	26628	B1-U0-G4	86
P34-128L-900-CW-G2-x	128	900	5000	350	43161	B5-U0-G4	123	42127	B5-U0-G5	120	42941	B4-U0-G4	123	31122	B1-U0-G5	89
P34-128L-1050-CW-G2-x	128	1050	5000	414	48489	B5-U0-G5	117	47327	B5-U0-G5	114	48241	B4-U0-G4	116	34963	B1-U0-G5	84

Values from photometric tests performed in accordance with IESNA LM-79 and are representative of the configurations shown. Actual performance may vary due to installation and environmental variables, LED and driver tolerances, and field measurement considerations. It is highly recommended to confirm performance with a photometric layout.

NOTE: Some data may be scaled based on tests of similar (but not identical) luminaires. Contact factory for configurations not shown.

Predicted Lumen Depreciation Data

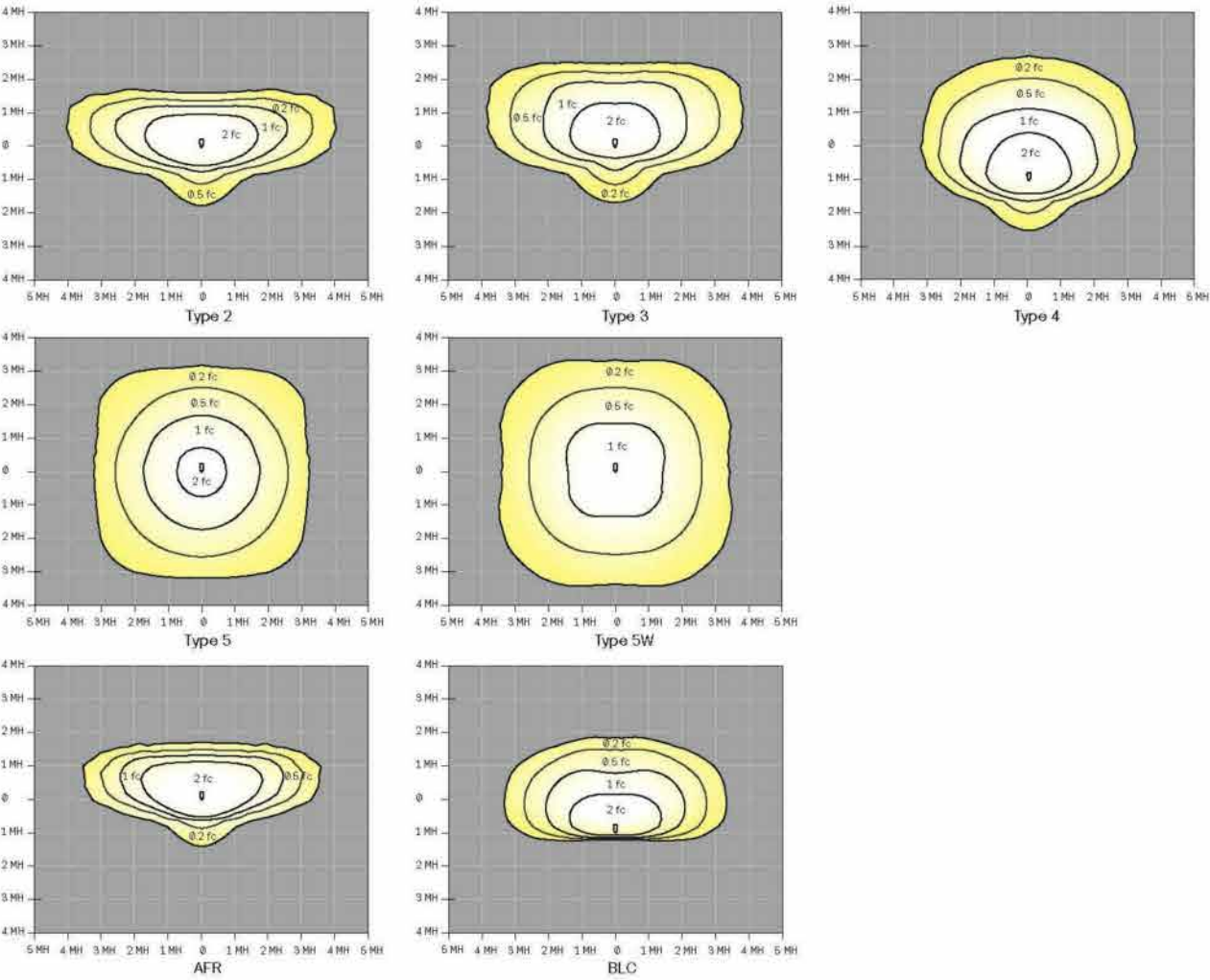
Predicted performance derived from LED manufacturer's data and engineering design estimates, based on IESNA LM-80 methodology. Actual experience may vary due to field application conditions. L70 is the predicted time when LED performance depreciates to 70% of initial lumen output. Calculated per IESNA TM21-11. Published L70 hours limited to 6 times actual LED test hours.

Ambient Temperature °C	Driver mA	Calculated L70 Hours	L70 per TM-21	Lumen Maintenance % at 60,000 hrs
25°C	up to 1050 mA	>100,000 hours	>54,000 hours	>89%

P34 PureForm LED large
Area light

Optical Distributions

Based on configuration P34-128L-1050-NW-G2 (414W) mounted at 40ft.



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Fernandez
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Lighting

03-16-2021

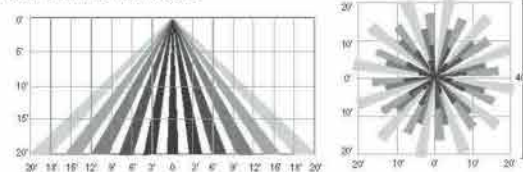
P34 PureForm LED large Area light

Specifications (cont'd)

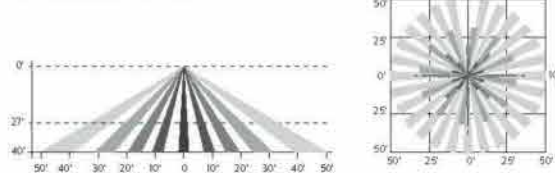
Infrared Motion Response with Other Controls: When used in combination with other controls (Automatic Dimming Profile and SiteWise), motion response device will simply override controller's schedule with the added benefits of a combined dimming profile and sensor detection. In this configuration, the motion response device cannot be re-programmed with FSIR-100 Wireless Remote Programming Tool. The profile can only be re-programmed via the controller.

Infrared Motion Response Lenses (IMR13/IMR17): Infrared Motion Response Integral module is available with two different sensor lens types to accommodate various mounting heights and occupancy detection ranges. Lens #3 (IMR13) is designed for mounting heights up to 20' with a 40' diameter coverage area. Lens #7 is designed for higher mounting heights up to 40' with larger coverage areas up to 100' diameter coverage area. See charts for approximate detection patterns:

IMR13 Luminaire with #3 lens



IMR17 Luminaire with #7 lens



Electrical

Twist-Lock Receptacle (TLRD5/TLRD7/TLRPC): Twist Lock Receptacle with 5 pins enabling dimming or with 7 pins with additional functionality (by others) can be used with a twistlock photoelectric cell or a shorting cap. Dimming Receptacle Type B (5-pin) and Type D-24 (7-pin) in accordance to ANSI C136.41. Can be used with third-party control system. Receptacle located on top of luminaire housing. When specifying receptacle with twistlock photoelectric cell, voltage must be specified. When ordering Twist-lock receptacle (TLRD5 or TLRD7), photocell or shorting cap is not included. TLRPC is shipped standard with 5 pin.

Driver: Driver efficiency >90% standard. 120-480V available (restrictions apply). Open/short circuit protection. Optional 0-10V dimming to 10% power. RoHS compliant.

Button Photocontrol (PCB): Button style design for internal luminaires mounting applications. The photocontrol is constructed of a high impact UV stabilized polycarbonate housing. Rated voltage of 120V or 208-277V with a load rating of 1000 VA. The photocell will turn on with 1-4Fc of ambient light.

Surge protection (SP1/SP2): Surge protection device tested in accordance with ANSI/IEEE C62.45 per ANSI/IEEE C62.41.2 Scenario I Category C High Exposure 10kV/10kA waveforms for Line-Ground, Line-Neutral and Neutral-Ground, and in accordance with DOE MSSLC Model Specification for LED Roadway Luminaires Appendix D Electrical Immunity High test level 10kV/10kA. 20kV / 10kA surge protection device that provides extra protection beyond the SP110kV/10kA level.

Listings

UL/cUL wet location listed to the UL 1598 standard, suitable for use in ambient temperatures from -40° to 40°C (-40° to 104°F). Most PureForm P34 configurations are qualified under Premium DesignLights Consortium® category. Consult DLC Qualified Products list to confirm your specific luminaire selection is approved. CCTs 3000K and warmer are Dark Sky Approved.

Finish

Each standard color luminaire receives a fade and abrasion resistant, electrostatically applied, thermally cured, triglycidic isocyanurate (TGIC) textured polyester powdercoat finish. The surface treatment achieves a minimum of 1000 hours for salt spray resistant finish in accordance with testing performed and per ASTM B117 standard. Standard colors include bronze (BZ), black (BK), white (WH), dark gray (DGY), and medium gray (MGY). Consult factory for specs on optional or custom colors.

Warranty

PureForm luminaires feature a 5-year limited warranty. See signify.com/warranties for complete details and exclusions.

The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract.



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P34_PureForm_area_large_03/20_page 1 of 7

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Somerset, NJ 08873
Telephone 855-486-2216

Signify Canada Ltd.
281 Hillmount Road
Markham, ON, Canada L3C 2S3
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www.gardenlighting.com

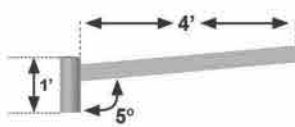
TNS100

Project Name:

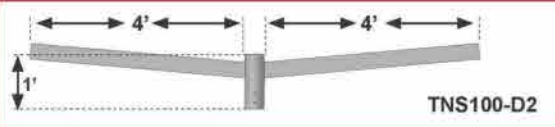
Catalog Number:

Type

TNS100-S1



TNS100-D2



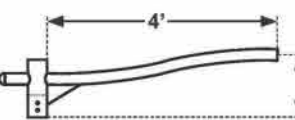
The **TNS100** tennis court mounting arm is constructed of 1½" x 3½" rectangular steel tubing. This arm can be made to slip over the following tenon (or pole) sizes: 3½" Ø, 4" Ø, 4½" Ø, and 5" Ø. The **TNS100** is available in the following pole mounting configurations: Single, Double 70°, Double 90°, Double 180°, Quad 70° and Quad 90°.

EPA	Single	Double
4'	1.2	2.4
5'	1.5	3.0

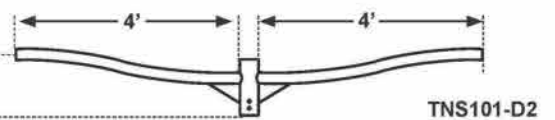
Model	Size or Length	Configuration	Pole or Tenon Size	Finish
TNS 100	4' 5'	Single (S1)	3" dia (3)	Black (BK)
		Double (D2)	3½" dia (3½)	Tennis Green (GN)
		Double 70° (D7)	4" dia (4)	Custom Color (CC)
		Double 90° (D9)	4½" dia (4½)	
		Quad 70° (Q7)	5" dia (5)	

TNS101

TNS101-S1



TNS101-D2



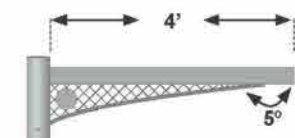
The **TNS101** architectural tennis court mounting arm is constructed of 2½" curved steel tubing. This arm can be made to slip over the following tenon (or pole) sizes: 3" Ø, 3½" Ø, 4" Ø, 4½" Ø and 5" Ø. The **TNS101** is available in the following pole mounting configurations: Single, Double 70°, Double 90°, Double 180°, Quad 70° and Quad 90°.

EPA	Single	Double
4'	1.1	2.2
5'	1.3	2.6

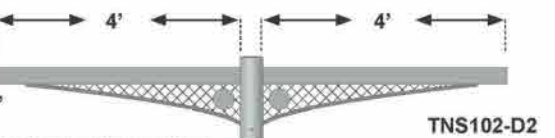
Model	Size or Length	Configuration	Pole or Tenon Size	Finish
TNS 101	4' 5'	Single (S1)	3" dia (3)	Black (BK)
		Double (D2)	3½" dia (3½)	Tennis Green (GN)
		Double 70° (D7)	4" dia (4)	Custom Color (CC)
		Double 90° (D9)	4½" dia (4½)	
		Quad 70° (Q7)	5" dia (5)	

TNS102

TNS102-S1



TNS102-D2

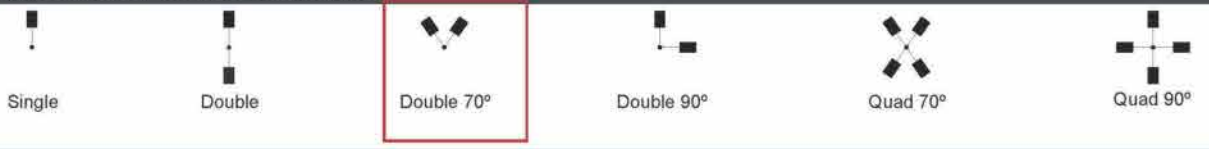


The **TNS102** tennis-court-themed mounting arm is constructed of 1½" x 3½" rectangular steel tubing, and features a unique mesh tennis court net and ball design. This arm can be made to slip over the following tenon (or pole) sizes: 3½" Ø, 4" Ø, 4½" Ø, and 5" Ø. The **TNS102** is available in the following pole mounting configurations: Single, Double 70°, Double 90°, Double 180°, Quad 70° and Quad 90°.

EPA	Single	Double
4'	1.5	3.0
5'	1.7	3.4

Model	Size or Length	Configuration	Pole or Tenon Size	Finish
TNS 102	4' 5'	Single (S1)	3" dia (3)	Black (BK)
		Double (D2)	3½" dia (3½)	Tennis Green (GN)
		Double 70° (D7)	4" dia (4)	Custom Color (CC)
		Double 90° (D9)	4½" dia (4½)	
		Quad 70° (Q7)	5" dia (5)	

Typical Tennis Mounting Configurations



19645 Rancho Way Rancho Dominguez, CA 90220
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197

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Fernandez







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Fernandez
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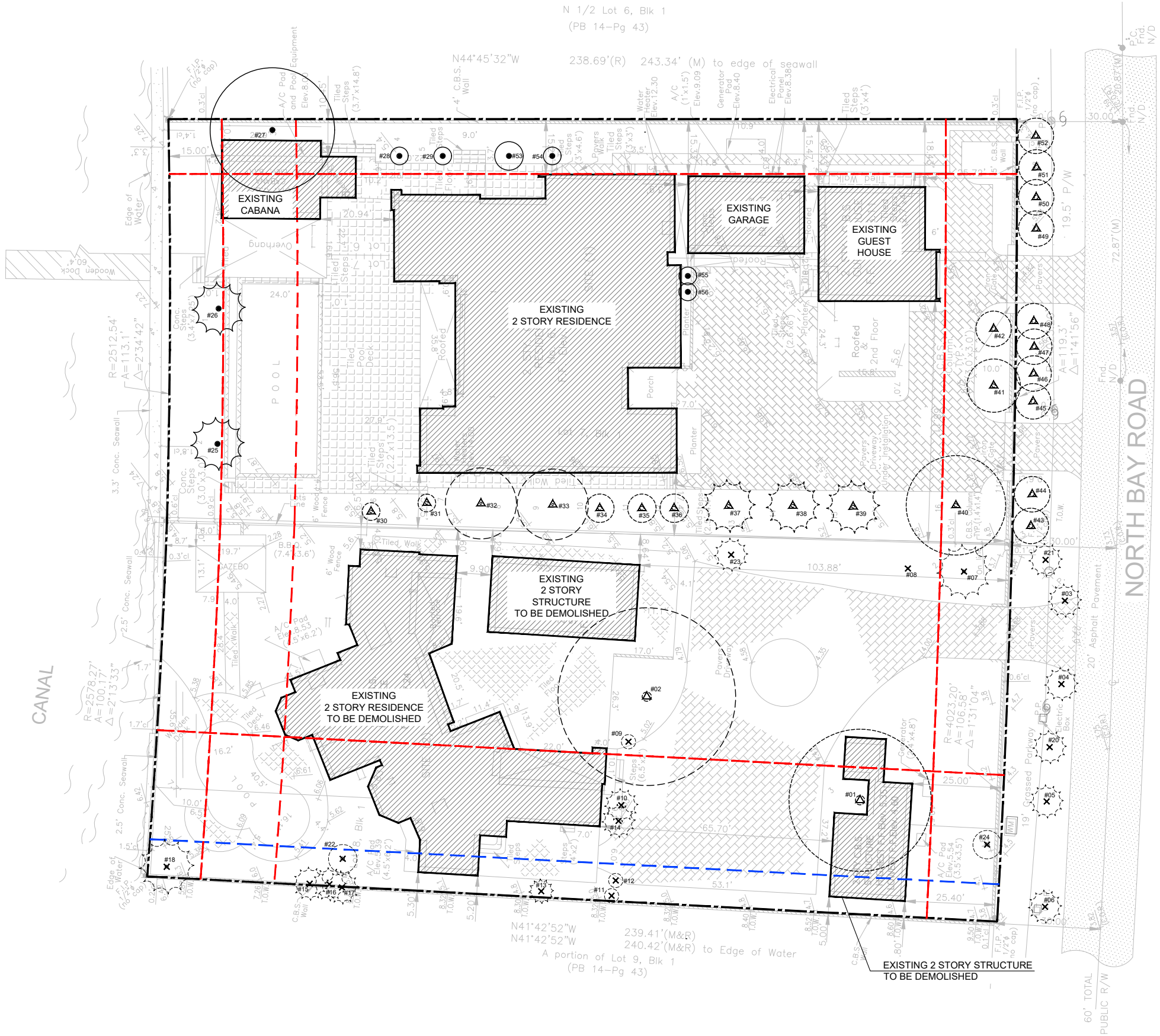
Lighting

03-16-2021

_A-904

LEGEND:

-  PALM TO BE RELOCATED
-  PALM TO REMAIN
-  PALM TO BE REMOVED
-  TREE TO REMAIN
-  TREE TO BE RELOCATED
-  TREE TO BE REMOVED



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Tree Disposition Plan

03-16-2021

L-100

SYM	SCIENTIFIC NAME	COMMON NAME	DBH (in)	HEIGHT (ft)	SPREAD (ft)	CONDITION	NATIVE	DISPOSITION
1	<i>Ficus microcarpa</i>	Chinese Banyan	61	40	40	GOOD		RELOCATE
2	<i>Ficus microcarpa</i>	Chinese Banyan	74	45	50	GOOD		RELOCATE
3	<i>Phoenix roebelleni</i>	Pygmy Date Palm	5	7	7	GOOD		REMOVE
4	<i>Phoenix roebelleni</i>	Pygmy Date Palm	5	10	7	GOOD		REMOVE
5	<i>Phoenix roebelleni</i>	Pygmy Date Palm	5	7	7	FAIR		REMOVE
6	<i>Phoenix roebelleni</i>	Pygmy Date Palm	5	7	7	FAIR		REMOVE
7	<i>Roystonea regia</i>	Royal Palm	20	40	16	GOOD	NATIVE	REMOVE
8	<i>Roystonea regia</i>	Royal Palm	19	25	0	DEAD	NATIVE	REMOVE
9	<i>Carica papaya</i>	Papaya	5	10	2	POOR		REMOVE
10	<i>Ptychosperma elegans</i>	Solitaire Palm	4	30	7	FAIR		REMOVE
11	<i>Ptychosperma elegans</i>	Solitaire Palm	3.5	25	7	FAIR		REMOVE
12	<i>Carica papaya</i>	Papaya	6	14	2	POOR		REMOVE
13	<i>Carica papaya</i>	Papaya	5	7	0	POOR		REMOVE
14	<i>Ptychosperma elegans</i>	Solitaire Palm	4	30	7	FAIR		REMOVE
15	<i>Ptychosperma elegans</i>	Solitaire Palm (7)	25	20	10	GOOD		REMOVE
16	<i>Caryota mitis</i>	Fishtail Palm	CLUSTER	20	7	POOR		REMOVE
17	<i>Thrinax radiata</i>	Florida Thatch Palm	3	15	12	FAIR	NATIVE	REMOVE
18	<i>Dypsis lutescens</i>	Areca Palm	CLUSTER	15	7	FAIR		REMOVE
20	<i>Phoenix roebelleni</i>	Pygmy Date Palm	5	7	10	FAIR		REMOVE
21	<i>Phoenix roebelleni</i>	Pygmy Date Palm	6	14	8	GOOD		REMOVE
22	<i>Koelreuteria paniculata</i>	Golden Rain Tree	4	30	7	FAIR		REMOVE
23	<i>Ptychosperma elegans</i>	Solitaire Palm (2)	7	15	8	FAIR		REMOVE
24	<i>Carica papaya</i>	Papaya	8	15	8	GOOD		REMOVE
25	<i>Phoenix Dactylifera</i>	Date Palm	15	30	15	GOOD		REMAIN
26	<i>Phoenix Dactylifera</i>	Date Palm	16	30	15	GOOD		REMAIN
27	<i>Ficus aurea</i>	Florida Strangler Fig	48	30	35	FAIR	NATIVE	REMAIN
28	<i>Elaeocarpus decipiens</i>	Japanese Blueberry	4	12	5	GOOD		REMAIN
29	<i>Elaeocarpus decipiens</i>	Japanese Blueberry	4	12	5	GOOD		REMAIN
30	<i>Elaeocarpus decipiens</i>	Japanese Blueberry	4	8	5	GOOD		RELOCATE
31	<i>Elaeocarpus decipiens</i>	Japanese Blueberry	4	8	5	GOOD		RELOCATE
32	<i>Quercus virginiana</i>	Live Oak	9.5	18	20	FAIR	NATIVE	RELOCATE
33	<i>Quercus virginiana</i>	Live Oak	10.5	20	20	GOOD	NATIVE	RELOCATE
34	<i>Magnolia grandiflora</i>	Southern Magnolia	4	16	8	GOOD	NATIVE	RELOCATE
35	<i>Magnolia grandiflora</i>	Southern Magnolia	4	15	8	GOOD	NATIVE	RELOCATE
36	<i>Magnolia grandiflora</i>	Southern Magnolia	4	15	8	GOOD	NATIVE	RELOCATE
37	<i>Phoenix Dactylifera</i>	Date Palm	14.5	30	15	GOOD		RELOCATE
38	<i>Phoenix Dactylifera</i>	Date Palm	15	30	15	GOOD		RELOCATE
39	<i>Phoenix Dactylifera</i>	Date Palm	14.5	30	15	GOOD		RELOCATE
40	<i>Quercus virginiana</i>	Live Oak	13.5	25	28	GOOD	NATIVE	RELOCATE
41	<i>Elaeocarpus decipiens</i>	Japanese Blueberry	8	20	15	GOOD		RELOCATE
42	<i>Elaeocarpus decipiens</i>	Japanese Blueberry	8	18	10	GOOD		RELOCATE
43	<i>Calophyllum brasiliense</i>	Brazilian Beautyleaf	4	20	10	GOOD		RELOCATE
44	<i>Calophyllum brasiliense</i>	Brazilian Beautyleaf	4	20	10	GOOD		RELOCATE
45	<i>Calophyllum brasiliense</i>	Brazilian Beautyleaf	4	20	10	GOOD		RELOCATE
46	<i>Calophyllum brasiliense</i>	Brazilian Beautyleaf	4	20	10	GOOD		RELOCATE
47	<i>Calophyllum brasiliense</i>	Brazilian Beautyleaf	4	20	10	GOOD		RELOCATE
48	<i>Calophyllum brasiliense</i>	Brazilian Beautyleaf	4	20	10	GOOD		RELOCATE
49	<i>Calophyllum brasiliense</i>	Brazilian Beautyleaf	4	20	10	GOOD		RELOCATE
50	<i>Calophyllum brasiliense</i>	Brazilian Beautyleaf	4	20	10	GOOD		RELOCATE
51	<i>Calophyllum brasiliense</i>	Brazilian Beautyleaf	4	20	10	GOOD		RELOCATE
52	<i>Calophyllum brasiliense</i>	Brazilian Beautyleaf	4	20	10	GOOD		RELOCATE
53	<i>Elaeocarpus decipiens</i>	Japanese Blueberry	4	12	8	GOOD		REMAIN
54	<i>Elaeocarpus decipiens</i>	Japanese Blueberry	4	8	5	POOR		REMAIN
55	<i>Elaeocarpus decipiens</i>	Japanese Blueberry	3	12	5	GOOD		REMAIN
56	<i>Elaeocarpus decipiens</i>	Japanese Blueberry	3	12	5	GOOD		REMAIN

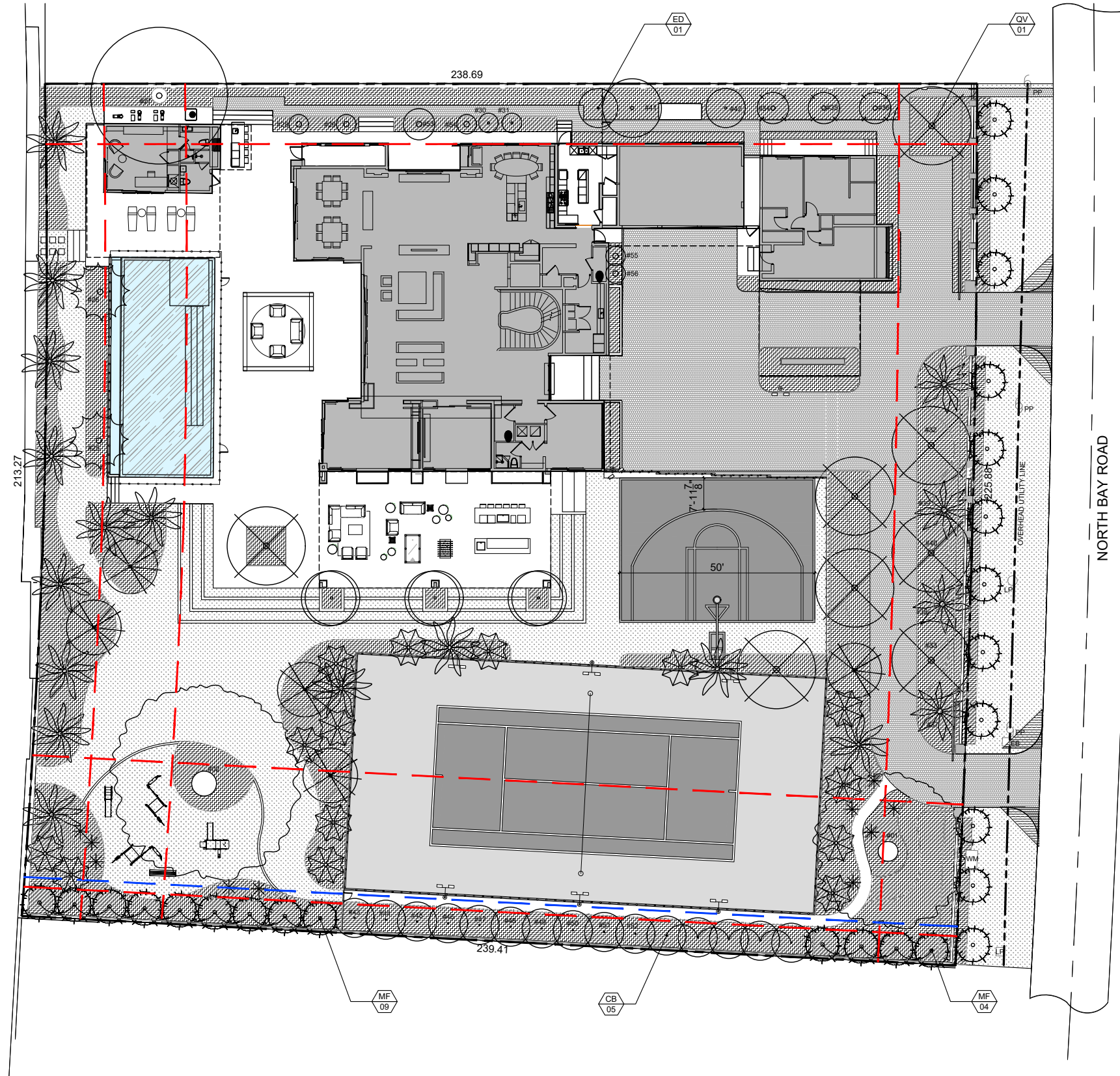
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13:26:16 -04'00'

L-101

LEGEND:
 PROPOSED TREES/ PALMS
 FOR MITIGATION



0' 5' 10' 20'
 SCALE: 1/32" = 1'-0"

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Tree Mitigation Plan

03-16-2021

TREE REMOVAL SCHEDULE										
SYM	SCIENTIFIC NAME	COMMON NAME	DBH (in)	HEIGHT (ft)	SPREAD (ft)	CONDITION	NATIVE	DISPOSITION	DBH (in) REMOVED	PALMS REMOVED
3	<i>Phoenix roebelleni</i>	Pygmy Date Palm	5	7	7	GOOD		REMOVE		1
4	<i>Phoenix roebelleni</i>	Pygmy Date Palm	5	10	7	GOOD		REMOVE		1
5	<i>Phoenix roebelleni</i>	Pygmy Date Palm	5	7	7	FAIR		REMOVE		1
6	<i>Phoenix roebelleni</i>	Pygmy Date Palm	5	7	7	FAIR		REMOVE		1
7	<i>Roystonea regia</i>	Royal Palm	20	40	16	GOOD	NATIVE	REMOVE		1
8	<i>Roystonea regia</i>	Royal Palm	19	25	0	DEAD	NATIVE	REMOVE		1
9	<i>Carica papaya</i>	Papaya	5	10	2	POOR		REMOVE	5	
10	<i>Ptychosperma elegans</i>	Solitaire Palm	4	30	7	FAIR		REMOVE		1
11	<i>Ptychosperma elegans</i>	Solitaire Palm	3.5	25	7	FAIR		REMOVE		1
12	<i>Carica papaya</i>	Papaya	6	7	0	POOR		REMOVE	6	
13	<i>Carica papaya</i>	Papaya	5	7	0	POOR		REMOVE	5	1
14	<i>Ptychosperma elegans</i>	Solitaire Palm	4	30	7	FAIR		REMOVE		1
15	<i>Ptychosperma elegans</i>	Solitaire Palm (7)	25	20	10	GOOD		REMOVE		1
16	<i>Caryota mitis</i>	Fishtail Palm	CLUSTER	20	7	POOR		REMOVE		1
17	<i>Thrinax radiata</i>	Florida Thatch Palm	3	15	12	FAIR	NATIVE	REMOVE		1
18	<i>Dypsis lutescens</i>	Areca Palm	CLUSTER	15	7	FAIR		REMOVE		1
20	<i>Phoenix roebelleni</i>	Pygmy Date Palm	5	7	10	FAIR		REMOVE		1
21	<i>Phoenix roebelleni</i>	Pygmy Date Palm	6	14	8	GOOD		REMOVE		1
22	<i>Koelreuteria paniculata</i>	Golden Rain Tree	4	30	7	FAIR		REMOVE	4	
23	<i>Ptychosperma elegans</i>	Solitaire Palm (2)	7	15	8	FAIR		REMOVE		1
24	<i>Carica papaya</i>	Papaya	8	15	8	GOOD		REMOVE	8	
*SEE ARBORIST REPORT FOR FURTHER DETAIL ON TREES AND PALMS ON THIS LIST.								TOTAL REMOVED	28	17

28" DBH + 17 TREES FOR THE REMOVAL OF 17 PALMS, EQUIVALENT TO:
27 REPLACEMENT TREES (MIN. 2" CALIPER, 6' CANOPY, 12' HT), OR
14 REPLACEMENT TREES (MIN. 4" CALIPER, 8' CANOPY, 16' HT)
8 TREES MUST BE NATIVE (30% OF REQUIRED TREES)

SPECIES DIVERSITY:
21-30: 4 SPECIES

THE CODE (NEW ORDINANCE) IS BEING MET BY USING:
20 TREES (MIN. 4" CALIPER, 8' CANOPY, 16' HT)

TREES USED FOR MITIGATION					
SYM	QTY	SCIENTIFIC NAME	COMMON NAME	NATIVE	NOTES
CB	5	<i>Calophyllum brasiliense</i>	BRAZILIAN BEAUTY LEAF	N	minimum 16' HT; 4" DBH
MF	13	<i>Myrcianthes fragrans</i>	SIMPSON'S STOPPER TREE	Y	minimum 16' HT; 4" DBH
QV	1	<i>Quercus virginiana</i>	LIVE OAK	Y	minimum 16' HT; 4" DBH
ED	1	<i>Elaeocarpus decipiens</i>	JAPANESE BLUEBERRY	N	minimum 16' HT; 4" DBH
TOTAL:	20	TREES USED FOR MITIGATION DIVIDED IN 4 SPECIES			

6342 / 6360 N BAY ROAD - SECOND SUBMITTAL

SEAL:

Carolina Monteiro

Digitally signed by Carolina Monteiro
Date: 2021.03.18 13:26:48 -04'00'

Tree Mitigation Schedule

03-16-2021

LANDSCAPE SCHEDULE - CANOPY SITE				
SYMBOL	QTY	PROPOSED MATERIAL	DESCRIPTION AND NOTES	NATIVE
STREET TREES				
MF	12	<i>Myrcianthes fragrans</i>	16' HT (MIN), 8' SP, 4" CALIPER, BUSH	Y
		SIMPSON'S STOPPER TREE	FG, MIN 4' CLEAR TRUNK	
TREES				
CB	5	<i>Calophyllum brasiliense</i>	20' HT, 10' SP	N
		BRAZILIAN BEAUTY LEAF	FG	
CE	5	<i>Conocarpus erectus</i>	20' HT, 16' SP	Y
		GREEN BUTTONWOOD	FG	
MF	13	<i>Myrcianthes fragrans</i>	16' HT (MIN), 8' SP, 4" CALIPER, BUSH	Y
		SIMPSON'S STOPPER TREE	FG, MIN 4' CLEAR TRUNK	
QV	5	<i>Quercus virginiana</i>	20' HT, 16' SP	Y
		LIVE OAK	FG	
ED	1	<i>Elaeocarpus decipiens</i>	18' HT, 10' SP	N
		JAPANESE BLUEBERRY	FG	
TH	3	<i>Tabebuia heteropylla</i>	20' HT, 16' SP	N
		PINK TRUMPET TREE	FG	
PALMS				
CN	14	<i>Cocos nucifera</i>	CURVED CHARACTER TRUNK, 20' GW	N
		COCONUT PALM	COLLECTED SPECIMEN	
DC	14	<i>Dypsis cabadae</i>	18' OA, 12' SP, MULTI-TRUNK	N
		CABADA PALM	FG	
PD	1	<i>Phoenix dactylifera</i>	30' OA	N
		DATE PALM	FG	

LANDSCAPE SCHEDULE - UNDERSTORY SITE				
LARGE SHRUBS				
CIC	109	Chrysobalanus icaco 'Green Tip'	6' HT, 4' SP, 48" O.C, FULL GREEN TIP COCOPLUM 25G	Y
PMA	64	Podocarpus macropyllus	8' HT, 3' SP, 36" O.C, FULL	N
		PODOCARPUS	25G	
SHRUBS				
CRO	375	Clusia rosea 'Nana'	18" HT, 18" O.C	N
		DWARF PITCH APPLE	3G	
FMI	323	Ficus microcarpa 'Green Island'	24" HT, 18" O.C	N
		GREEN ISLAND FICUS	7G	
PAL	411	Pennisetum alopecuroides	30" HT, 30" SP, 24" O.C, FULL	N
		FOUNTAIN GRASS	3G	
PNE	1351	Psychotria nervosa 'Little Psycho'	24" HT, 24" O.C	Y
		DWARF WILD COFFEE	7G	
ACCENTS				
DSP	10	Dioon spinulosum	4' HT, 4' SP	N
		GIANT DIOON	15G	
CCO	6	Cyathea cooperi	4' HT, 4' SP	N
		AUSTRALIAN TREE FERN	15G	
GROUNDCOVERS				
ELI	93	Ermodea littoralis	12" HT, 12" O.C	Y
		GOLDEN BEACH CREEPER	1G	
LMU	2173	Liriope muscari 'Super Blue'	12" HT , 12" O.C	N
		LIRIOPE	1G	
VINES				
TJA	46	Trachelospermum jasminoides	3' TRELLIS, 12" O.C, TRAIN TO FENCE	N
		CONFEDERATE JASMINE	3G	
SOD				
SOD	8,960 SF	Zoysia ssp.	STAGGERED AND BUTTED JOINTS	N
		GEO ZOYSIA		
ARTIFICIAL TURF				
TURF	1,158 SF			
		SYNLAWN 'SYNAUGUSTINE X47'		

CITY OF MIAMI BEACH

LANDSCAPE LEGEND

INFORMATION REQUIRED TO BE PERMANENTLY AFFIXED TO PLANS

Zoning District RS-3 Lot Area 52,316 SF Acres 1.20

OPEN SPACE

	REQUIRED/ ALLOWED	PROVIDED
A. Square feet of required Open Space as indicated on site plan: Lot Area = <u>52,316</u> s.f.x <u>50</u> % = <u>26,091</u> s.f.	<u>26,158</u>	<u>40,805</u>
B. Square feet of parking lot open space required as indicated on site Number of parking spaces <u>N/A</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=		

LAWN AREA CALCULATION

A. Square feet of landscaped open space required		
B. Maximum lawn area (sod) permitted= <u>50</u> % x <u>26,091</u> s.f.	<u>13,046</u>	<u>8,544</u>

TREES

A. Number of trees required per lot or net lot acre, less existing number of trees meeting minimum requirements= <u>52</u> trees x - (26) number of existing trees=	<u>26</u>	<u>32</u>
B. % Natives required: Number of trees provided x 30% =	<u>10</u>	<u>23</u>
C. % Low maintenance / drought and salt tolerant required: Number of trees provided x 50%=	<u>10</u>	<u>23</u>
D. Street Trees (maximum average spacing of 20' o.c.) <u>226'</u> linear feet along street divided by 20'=	<u>N/A</u>	<u>N/A</u>
E. Street tree species allowed directly beneath power lines: (maximum average spacing of 20' o.c.); <u>226'</u> linear feet along street divided by 20'= 11.3 rounded to	<u>12</u>	<u>12</u>

SHRUBS

A. Number of shrubs required: Sum of lot and street trees required x 12=	<u>456</u>	<u>2,496</u>
B. % Native shrubs required: Number of shrubs provided x 50%=	<u>1,248</u>	<u>1,351</u>

LARGE SHRUBS OR SMALL TREES

A. Number of large shrubs or small trees required: Number of required shrubs x 10%=	<u>46</u>	<u>173</u>
B. % Native large shrubs or small trees required: Number of large shrubs or small trees provided x 50%=	<u>87</u>	<u>109</u>

DIVERSITY OF REQUIRED SPECIES: 21-30 REQUIRED TREES: 6 PROPOSED: 6

6342 / 6360 N BAY ROAD - SECOND SUBMITTAL



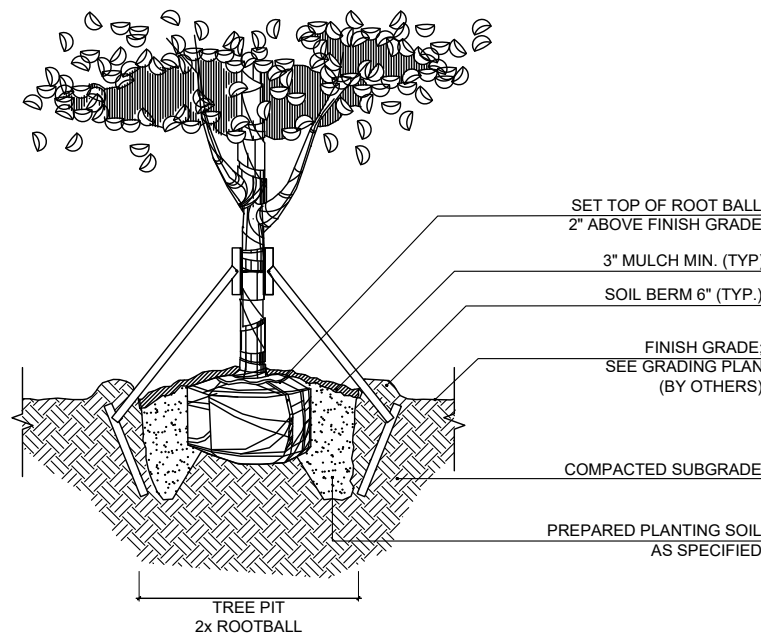
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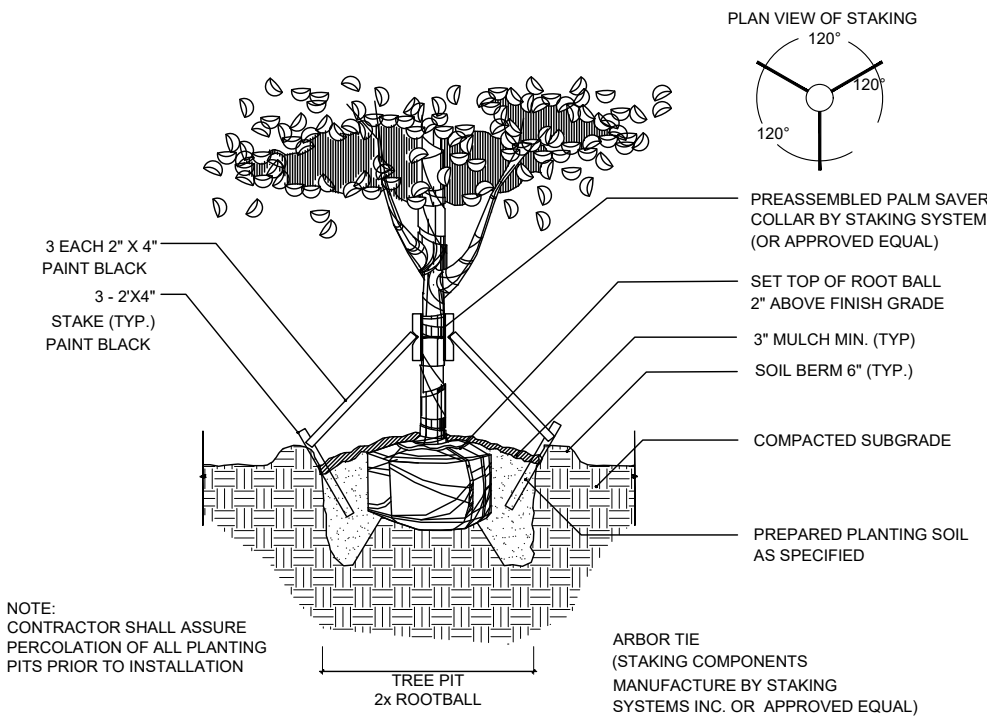
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Planting Schedule and Landscape Legend

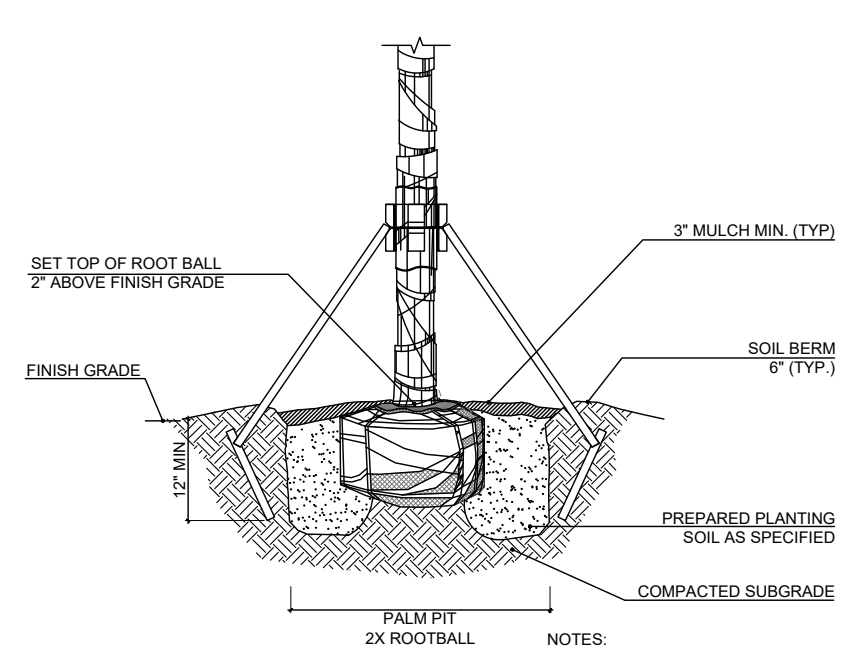
03-16-2021



NOTE:
CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS PRIOR TO INSTALLATION

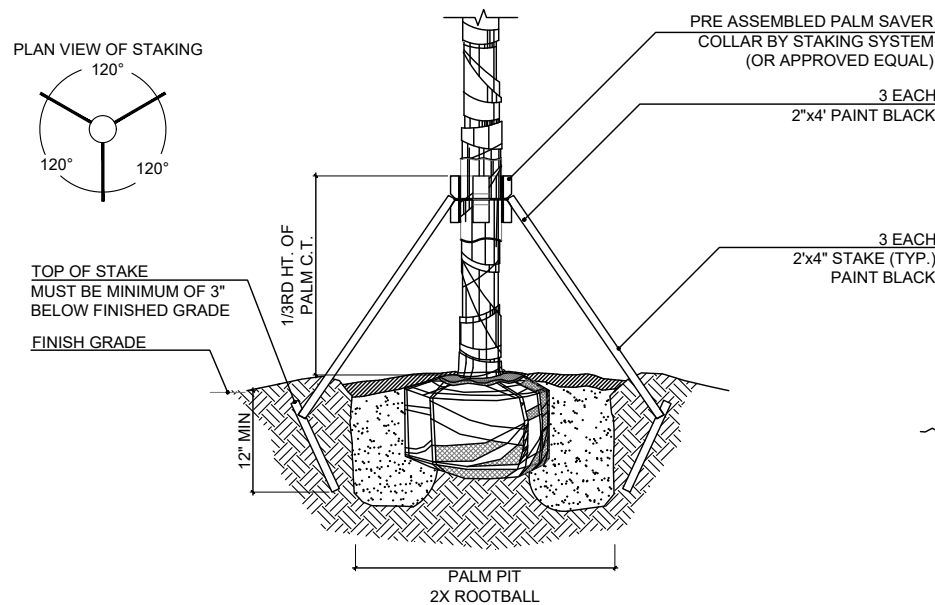


2 SPECIMEN TREE STAKING DETAIL
SCALE: N.T.S.



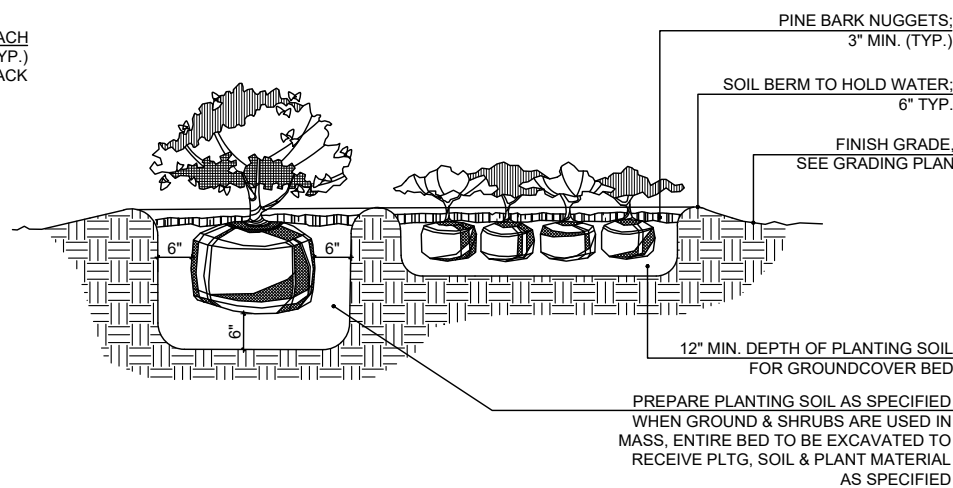
NOTES:
1. CONTRACTOR SHALL ASSURE PERCOLATION
OF ALL PLANTING PITS PRIOR TO INSTALLATION.
2. SOIL BERMS ARE TO BE CONSTRUCTED AT
RIGHT ANGLES TO THE TREE OR SHRUB OR IN
THE POSITION WHICH WILL MOST EFFECTIVELY
SERVE THE PURPOSE OF RETAINING WATER AT
THE BASE OF THE PLANT.

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



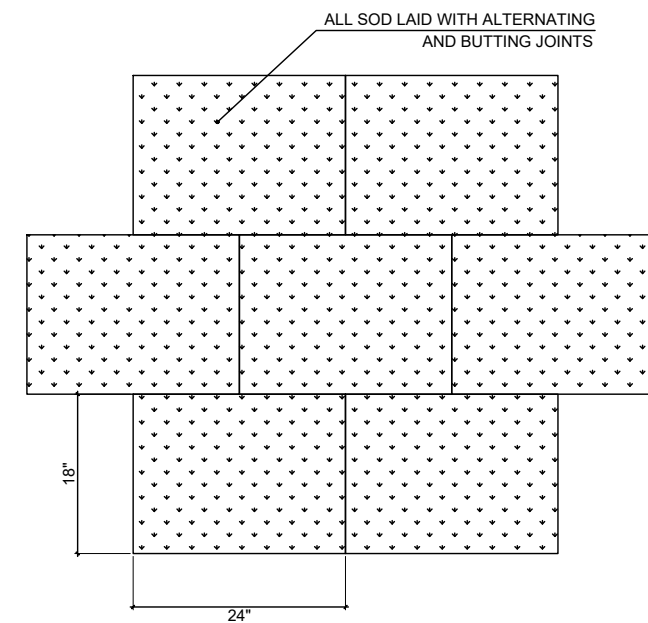
NOTES:
1. CONTRACTOR SHALL ASSURE PERCOLATION OF ALL PLANTING PITS
PRIOR TO INSTALLATION.
2. SOIL BERMS ARE TO BE CONSTRUCTED AT RIGHT ANGLES TO THE
TREE OR SHRUB OR IN THE POSITION WHICH WILL MOST EFFECTIVELY
SERVE THE PURPOSE OF RETAINING WATER AT THE BASE OF THE
PLANT.

4 PALM STAKING DETAIL
SCALE: N.T.S.



NOTE:
CONTRACTOR SHALL ASSURE PERCOLATION OF ALL
PLANTING PITS/ BEDS PRIOR TO INSTALLATION

5 SHRUB AND GROUNDCOVER PLANTING DETAIL
SCALE: N.T.S.



NOTE: PROVIDE 2"-3" OF TOP SOIL FOR FINAL
GRADING PRIOR TO LAY DOWN SOD

6 SOD PLANTING DETAIL
SCALE: N.T.S.

6342 / 6360 N BAY ROAD - SECOND SUBMITTAL

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Carolina
Monteiro

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Planting Details

03-16-2021

L-504