

6360 NORTH BAY ROAD	
LOT SIZE	27,668 S.F.
UNIT SIZE LEVEL 1	7,317 S.F. (26.4%)
UNIT SIZE LEVEL 2	6,138 S.F. (22.1%)
SUB TOTAL:	13,455 S.F. (48.6%)

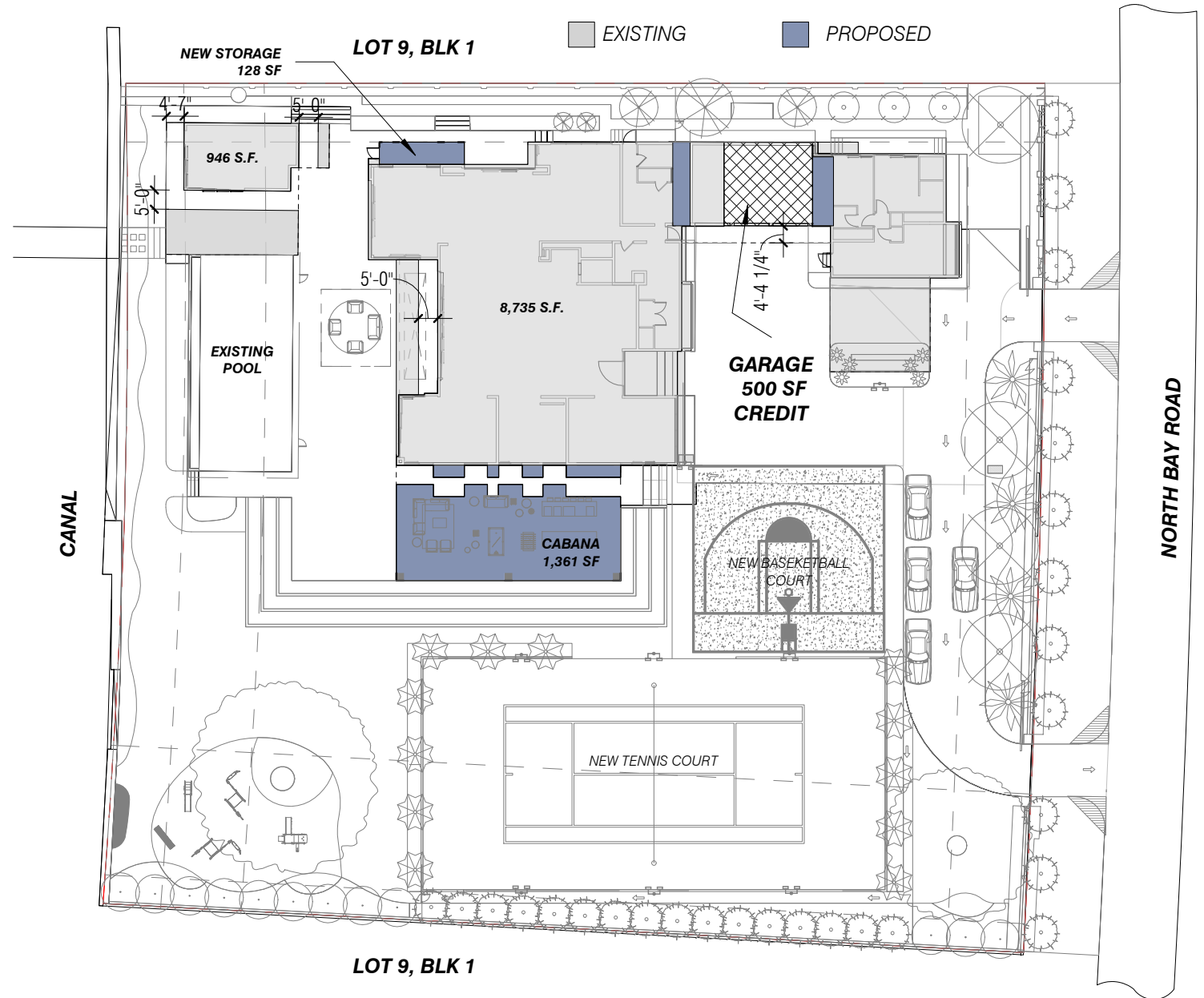
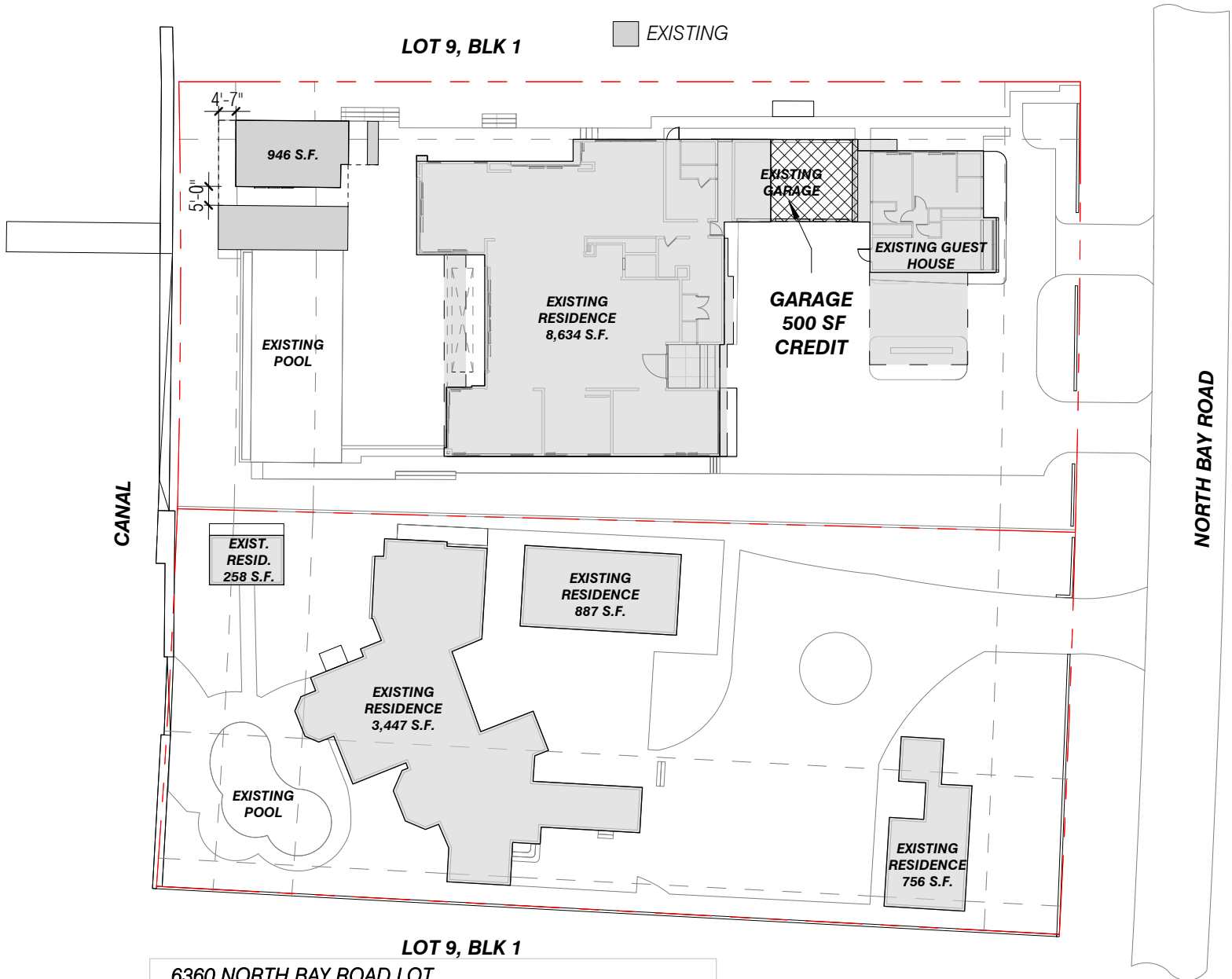
6342 NORTH BAY ROAD	
LOT SIZE	24,648 S.F.
UNIT SIZE	5,348 S.F. (21.6%)

EXISTING UNIT SIZE
Scale: 1" = 40'-0"

6360 NORTH BAY ROAD	
LOT SIZE	52,316 S.F.
UNIT SIZE LEVEL 1	7,872 S.F. (15%)
UNIT SIZE LEVEL 2	6,138 S.F. (11.7%)
TOTAL:	14,010 S.F. (26.7%)

PROPOSED UNIT SIZE
Scale: 1" = 40'-0"

6342-6360 NORTH BAY ROAD



LOT 9, BLK 1

6360 NORTH BAY ROAD LOT		
LOT SIZE	27,668 S.F.	
LOT COVERAGE	9,580 S.F.	(34.6%)
GARAGE DEDUCTION	-500 S.F.	
TOTAL	9,080 S.F.	(32.8%)
6342 NORTH BAY ROAD LOT		
LOT SIZE	24,648 S.F.	
LOT COVERAGE	5,348 S.F.	(21.7%)
COMBINED:		
LOT SIZE	52,316 S.F.	
LOT COVERAGE	14,927	(28.5%)

EXISTING LOT COVERAGE
Scale: 1" = 40'-0"

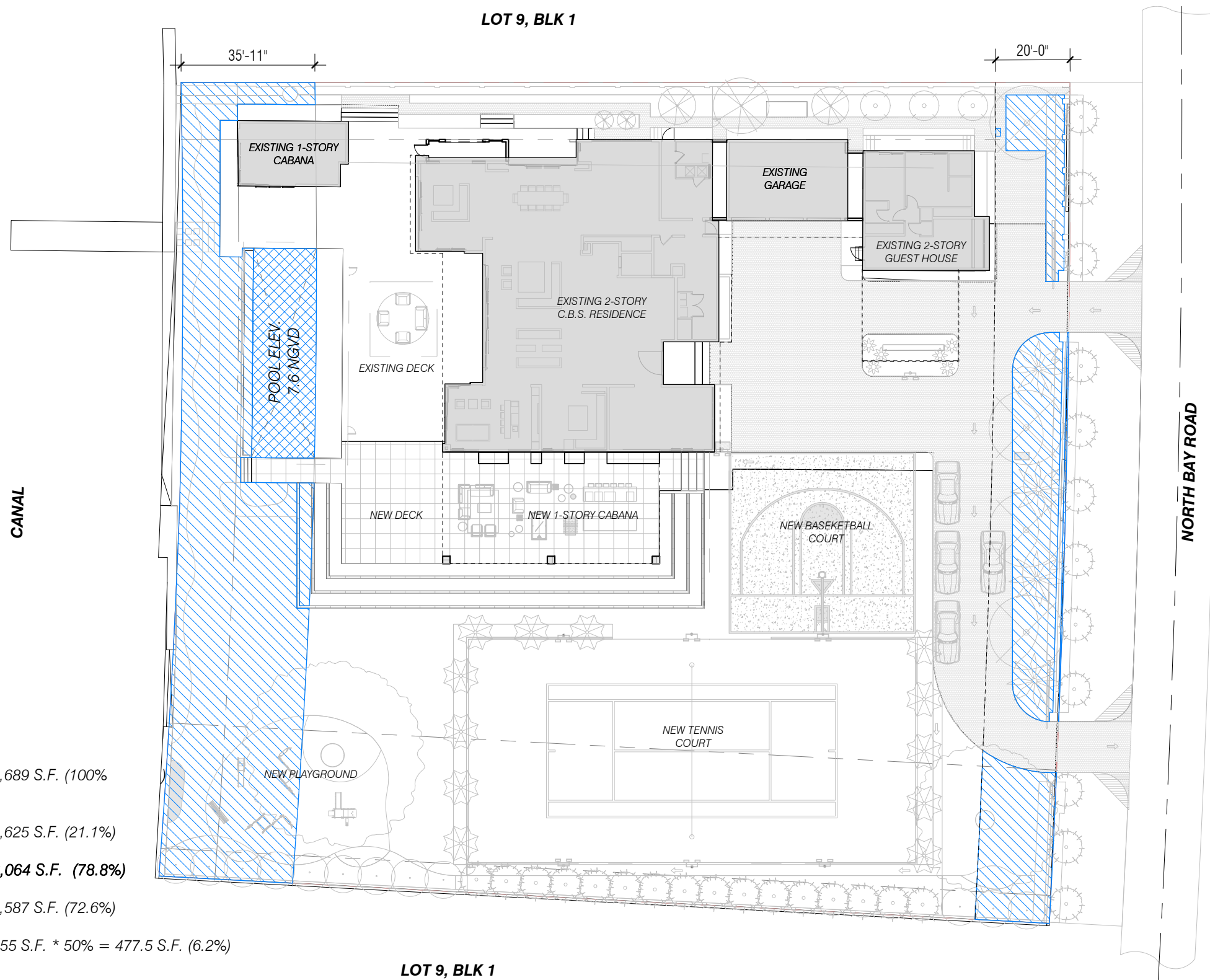
6360 NORTH BAY ROAD		
LOT SIZE	52,316 S.F.	
LOT COVERAGE	11,042 S.F.	(21.1%)
GARAGE DEDUCTION	-500 S.F.	
TOTAL:	10,542 S.F.	(20.1%)

PROPOSED LOT COVERAGE
Scale: 1" = 40'-0"

6342-6360 NORTH BAY ROAD



LOT 9, BLK 1



REAR YARD CALCULATIONS:

AREA : 7,689 S.F. (100%)

DECK / ACCESSORY BLDG. AREA: 1,625 S.F. (21.1%)

LANDSCAPE / POOL AREA (A+B) 6,064 S.F. (78.8%)

A - LANDSCAPE: 5,587 S.F. (72.6%)

B - POOL AREA ABV ADJ. GRADE: 955 S.F. * 50% = 477.5 S.F. (6.2%)

FRONT YARD CALCULATIONS:

AREA : 4,506 S.F. (100%)

DRIVEWAY: 1,995 S.F. (44.3%)

LANDSCAPE 2,511 S.F. (55.7%)

LOT 9, BLK 1

6342-6360 NORTH BAY ROAD

CFZ DESIGN

13300 SW 52ND COURT
MIRAMAR, FL 33027
t 239.898.7549

e chris@cfzdesign.com
w www.cfzdesign.com

Proposed Front and Rear
Yard

1/32" = 1'-0"

12-7-2020

A-002



6342-6360 NORTH BAY ROAD

CFZ DESIGN
e chris@cfzdesign.com w www.cfzdesign.com

13300 SW 52ND COURT
MIRAMAR, FL 33027
t 239.898.7549

e chris@cfzdesign.com
w www.cfzdesign.com

Axonometric

12-7-2020

A-050



NORTH BAY ROAD



WATER VIEW

6342-6360 NORTH BAY ROAD

CFZ DESIGN
e chris@cfzdesign.com w www.cfzdesign.com

13300 SW 52ND COURT
MIRAMAR, FL 33027
t 239.898.7549

e chris@cfzdesign.com
w www.cfzdesign.com

*Rendering - N Bay Road
View*

12-7-2020

A-051



6342-6360 NORTH BAY ROAD

CFZ DESIGN
e chris@cfzdesign.com w www.cfzdesign.com

13300 SW 52ND COURT
MIRAMAR, FL 33027
t 239.898.7549

e chris@cfzdesign.com
w www.cfzdesign.com

Aerial- Street View

12-7-2020

A-052



6342-6360 NORTH BAY ROAD

CFZ DESIGN
e chris@cfzdesign.com w www.cfzdesign.com

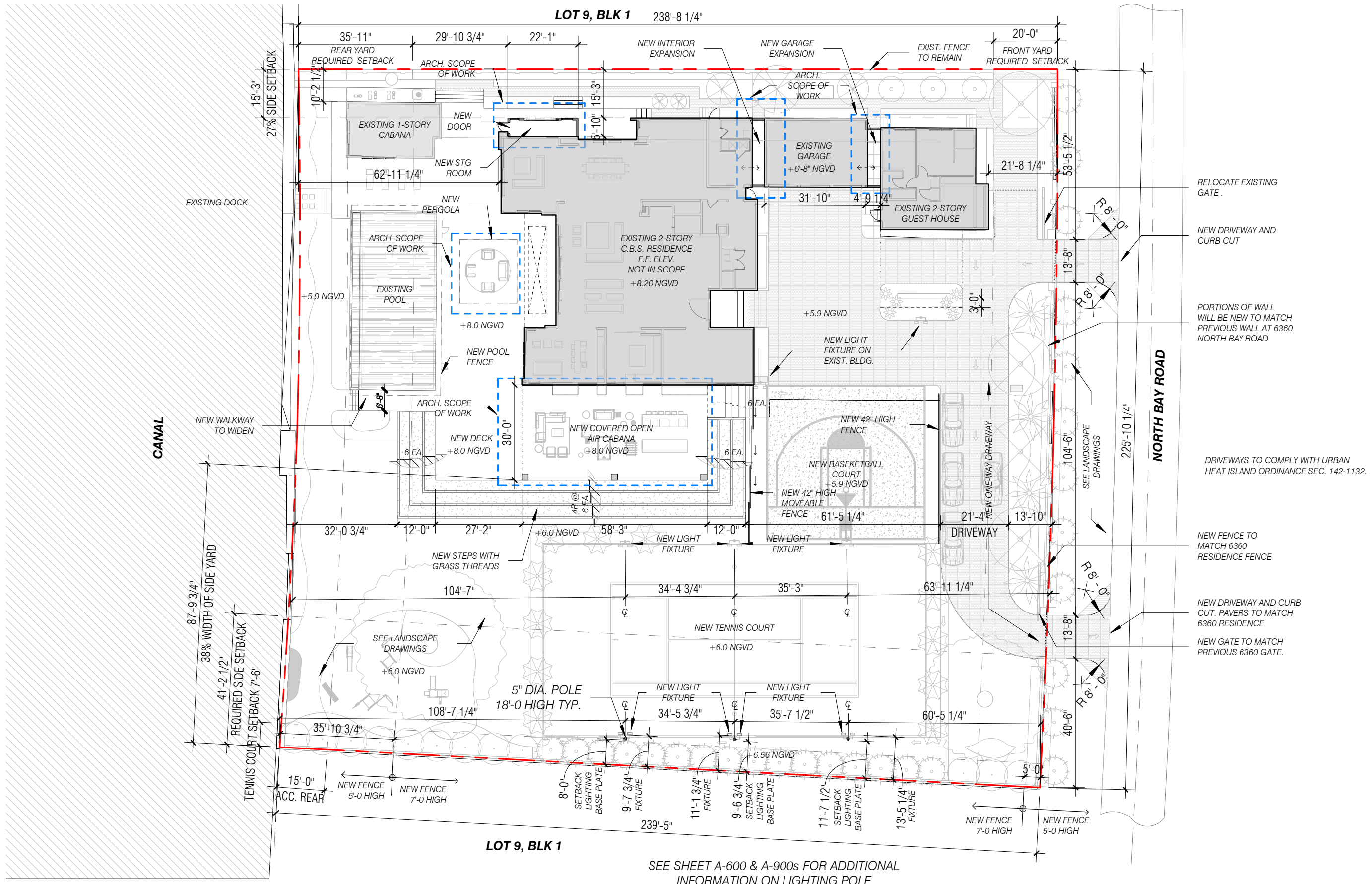
13300 SW 52ND COURT
MIRAMAR, FL 33027
t 239.898.7549

e chris@cfzdesign.com
w www.cfzdesign.com

Aerial Render

12-7-2020

A-053



6342-6360 NORTH BAY ROAD

CFZ DESIGN
e chris@cfzdesign.com w www.cfzdesign.com

13300 SW 52ND COURT
MIRAMAR, FL 33027
t 239.898.7549

e chris@cfzdesign.com
w www.cfzdesign.com

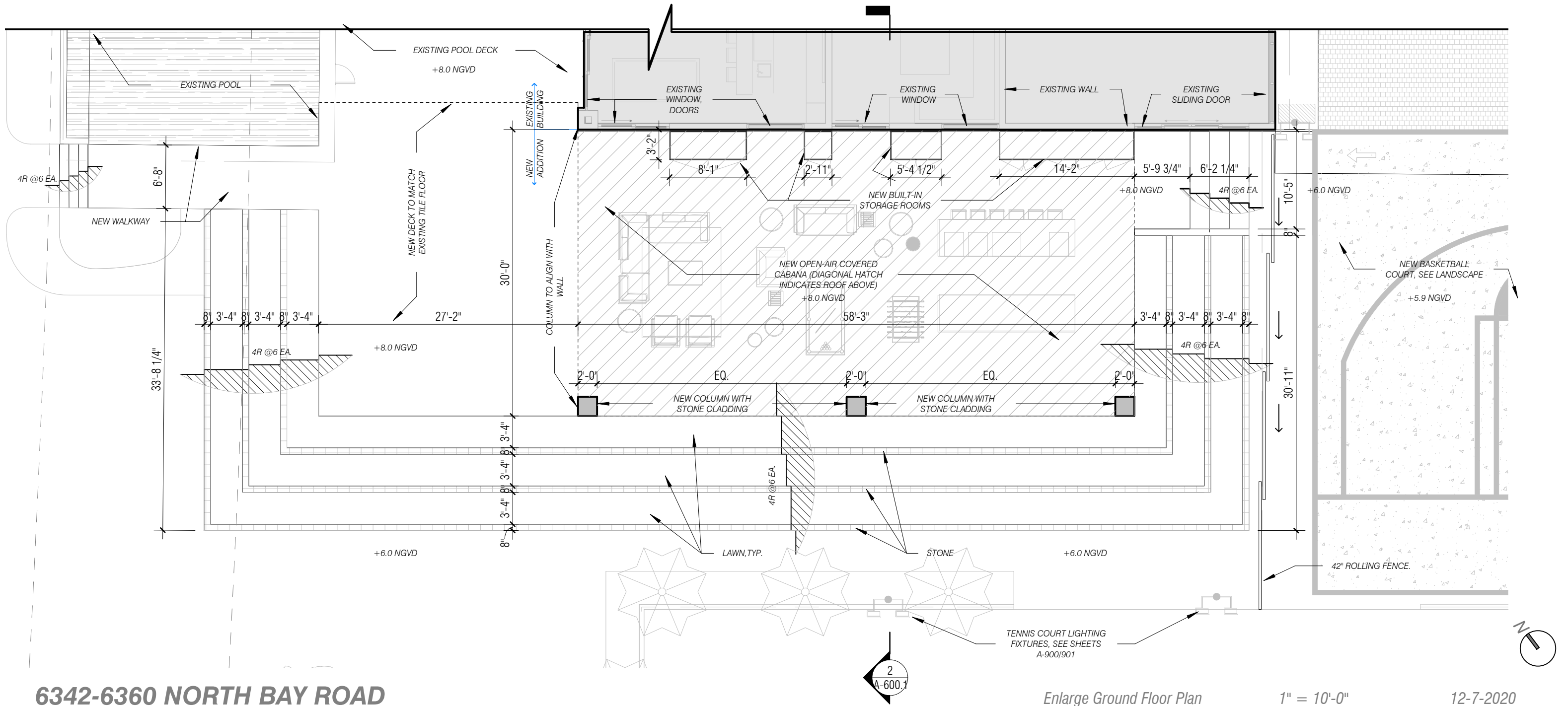
Site Plan

1" = 30'-0"

12-7-2020



A-100



6342-6360 NORTH BAY ROAD

CFZ DESIGN
 e chris@cfzdesign.com w www.cfzdesign.com

13300 SW 52ND COURT
 MIRAMAR, FL 33027
 t 239.898.7549

e chris@cfzdesign.com
 w www.cfzdesign.com

Enlarge Ground Floor Plan

1" = 10'-0"

12-7-2020

A-200



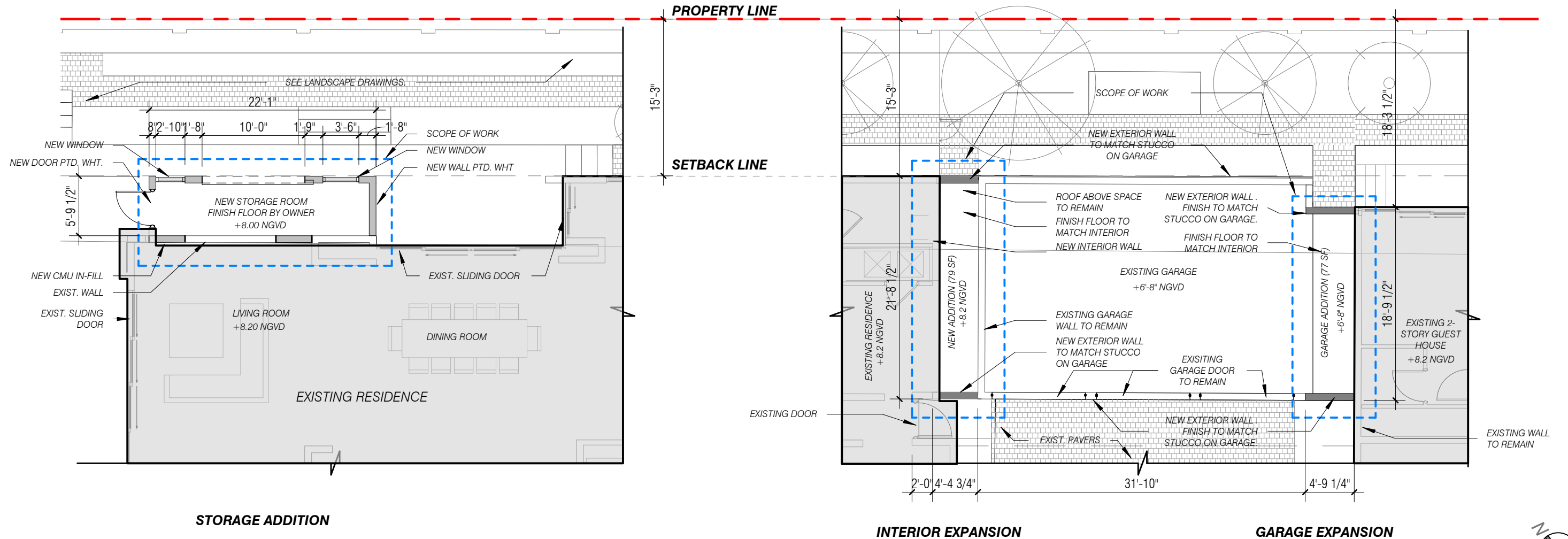
STORAGE NORTH ELEVATION



GARAGE NORTH ELEVATION



GARAGE WEST ELEVATION



6342-6360 NORTH BAY ROAD

CFZ DESIGN

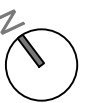
13300 SW 52ND COURT
MIRAMAR, FL 33027
t 239.898.7549

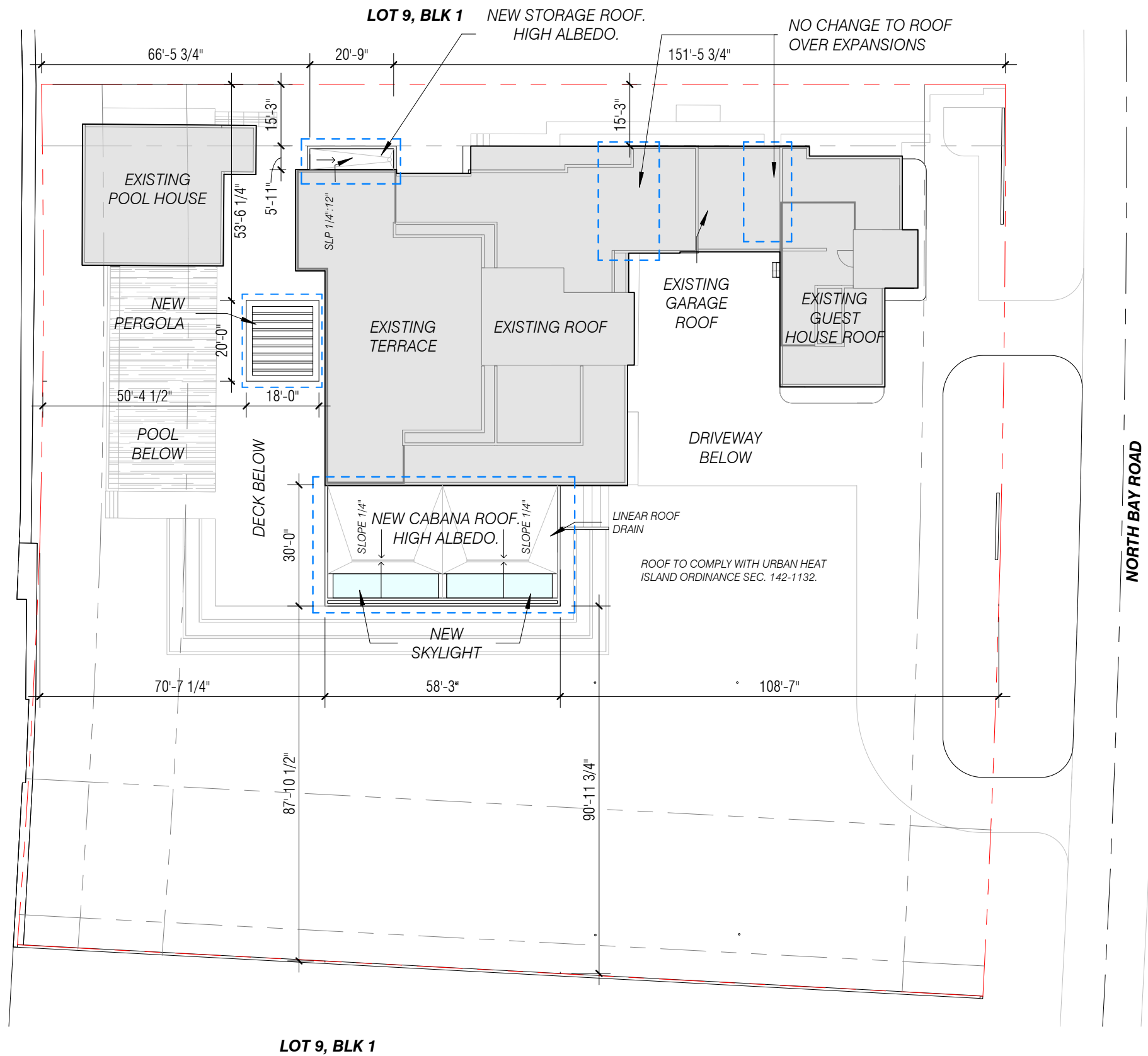
e chris@cfzdesign.com
w www.cfzdesign.com

Enlarge Ground Floor Plan

1" = 10'-0"

12-7-2020





LOT 9, BLK 1

6342-6360 NORTH BAY ROAD

CFZ DESIGN
 e chris@cfzdesign.com w www.cfzdesign.com

13300 SW 52ND COURT
 MIRAMAR, FL 33027
 t 239.898.7549

e chris@cfzdesign.com
 w www.cfzdesign.com

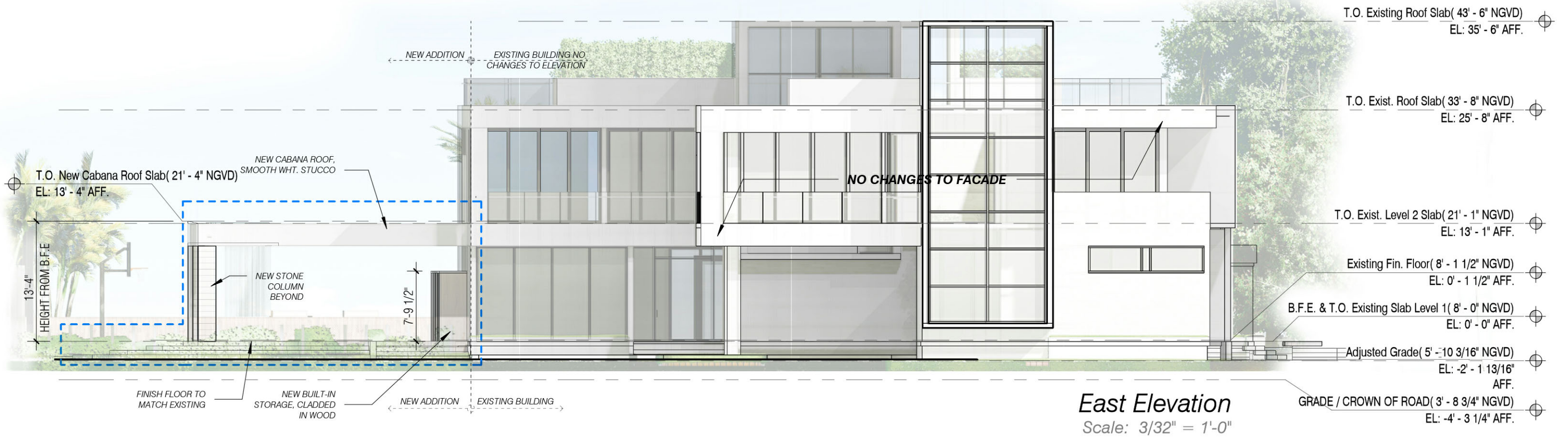
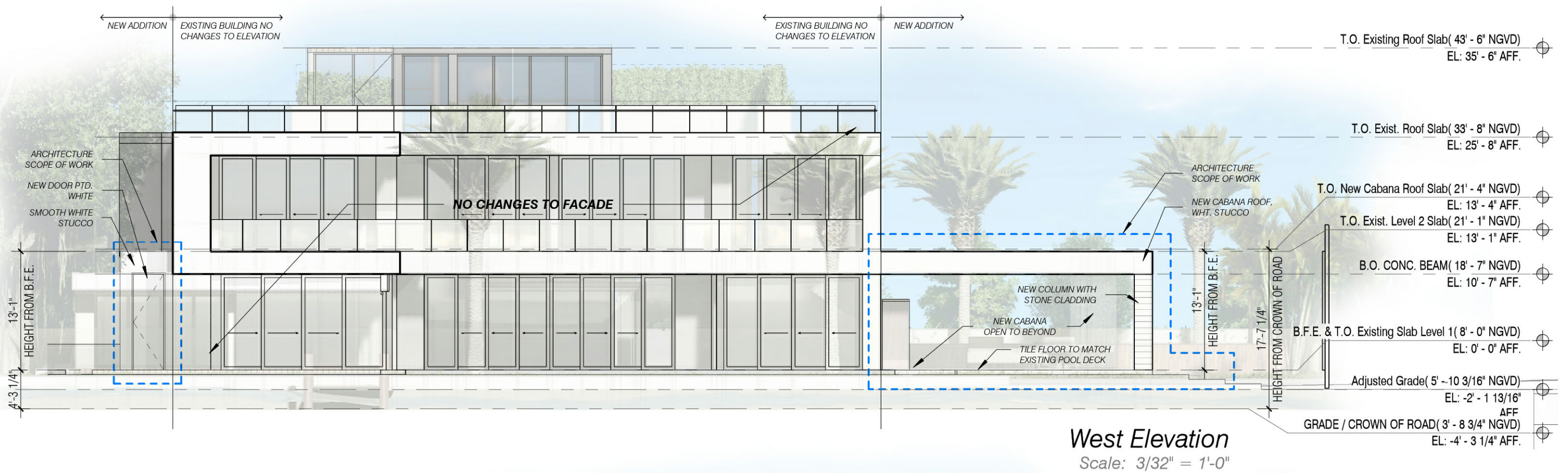
Roof Plan

1" = 30'-0"

12-7-2020



A-300



6342-6360 NORTH BAY ROAD

CFZ DESIGN
e chris@cfzdesign.com w www.cfzdesign.com

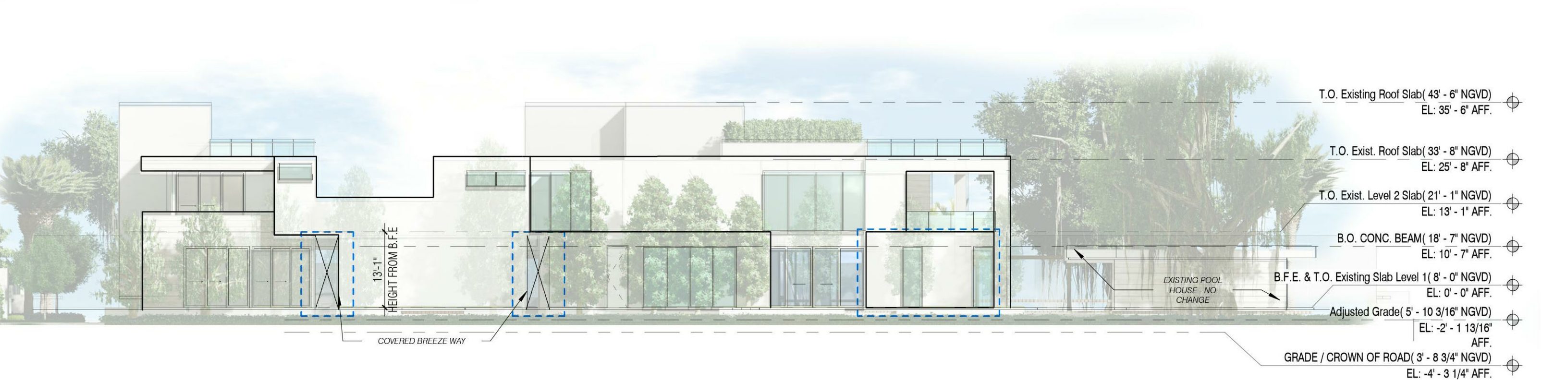
13300 SW 52ND COURT
MIRAMAR . FL 33027
t 239.898.7549

e chris@cfzdesign.com
w www.cfzdesign.com

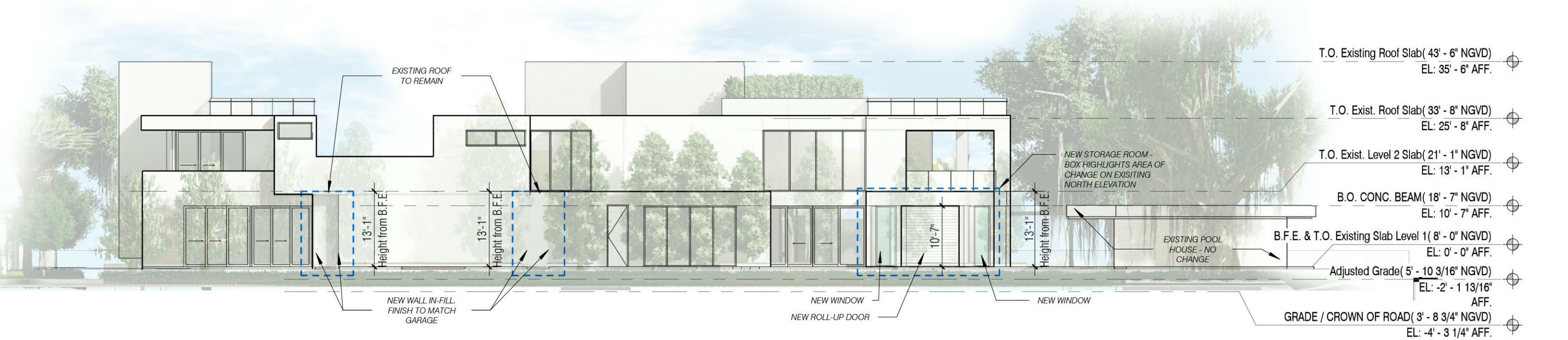
Elevations

12-7-2020

A-500



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



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

6342-6360 NORTH BAY ROAD

CFZ DESIGN
e chris@cfzdesign.com w www.cfzdesign.com

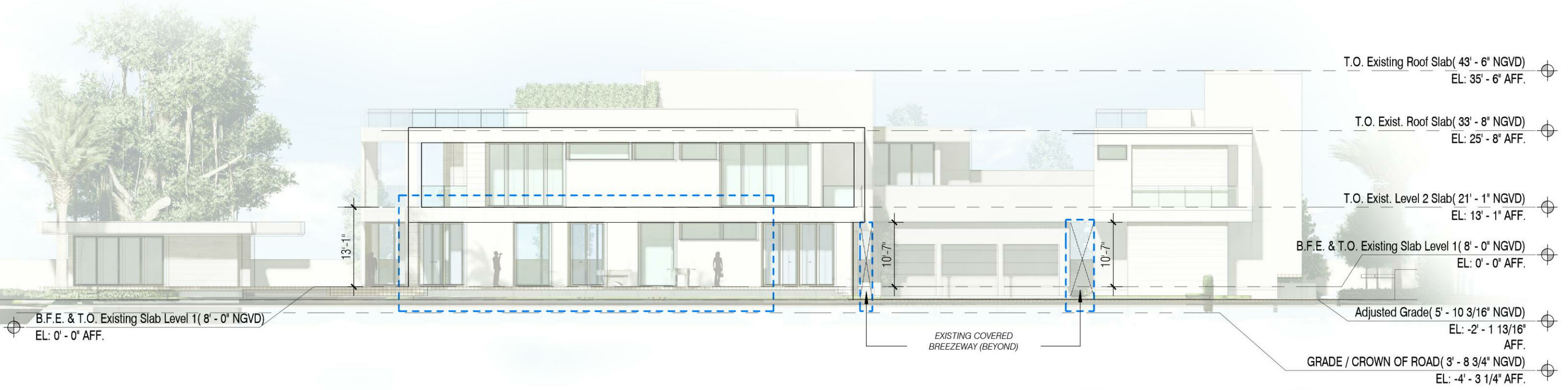
13300 SW 52ND COURT
MIRAMAR, FL 33027
t 239.898.7549

e chris@cfzdesign.com
w www.cfzdesign.com

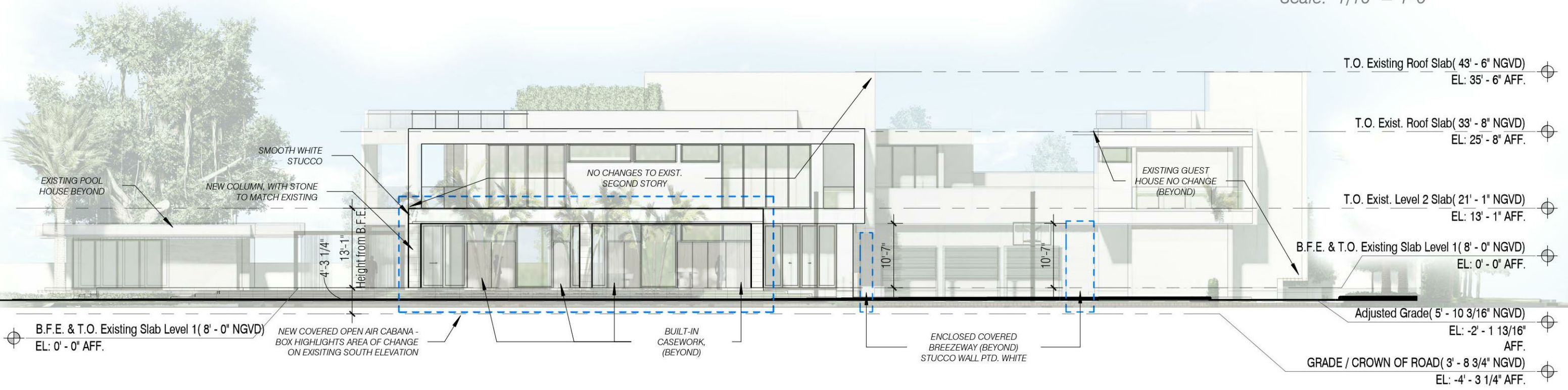
Elevations

12-7-2020

A-501



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



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

6342-6360 NORTH BAY ROAD

CFZ DESIGN
e chris@cfzdesign.com w www.cfzdesign.com

13300 SW 52ND COURT
MIRAMAR . FL 33027
t 239.898.7549

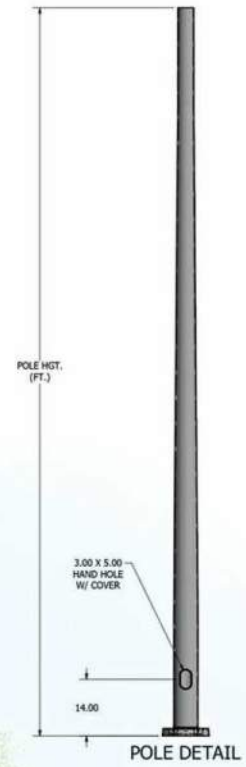
e chris@cfzdesign.com
w www.cfzdesign.com

Elevations

12-7-2020

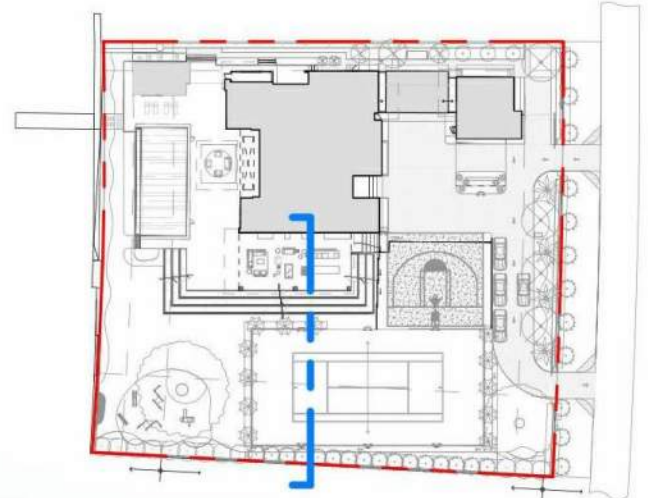
A-502

TENNIS LIGHT POLE DETAIL

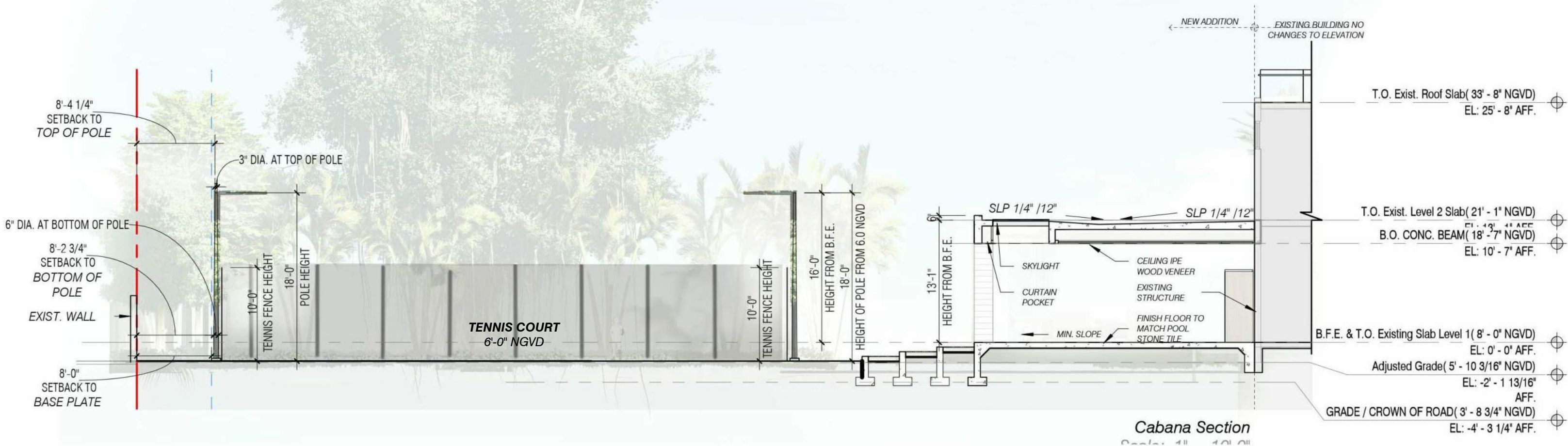


POLE SPECIFICATIONS					
NO.	COMPONENT	MAT'L DESIGNATION			
1.	POLE SHAFT	6063-T6			
2.	BASE PLATE	A356-T6			
3.	ANCHOR BOLTS	F1554 GR. 55			
4.	GALVANIZED HARDWARE	A153			
FINISH SPECIFICATIONS					
POLES SHALL HAVE A POLYESTER POWDER COAT FINISH IN A STANDARD COLOR.					
POLE DIMENSIONS					
POLE HGT. (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"



6342-6360 NORTH BAY ROAD

CFZ DESIGN
e chris@cfzdesign.com w www.cfzdesign.com

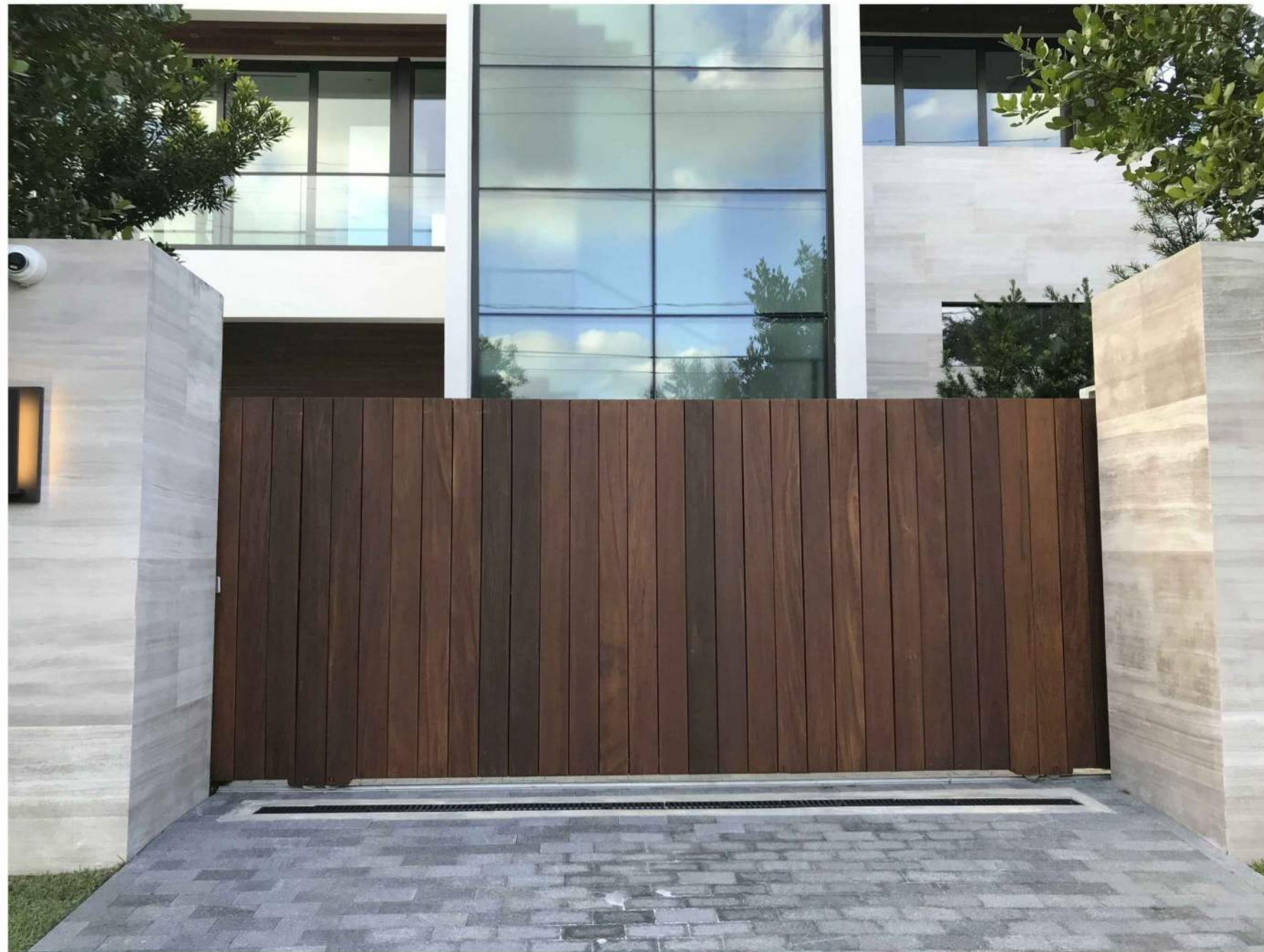
13300 SW 52ND COURT
MIRAMAR, FL 33027
t 239.898.7549

e chris@cfzdesign.com
w www.cfzdesign.com

Section of Cabana

12-7-2020

A-600



VEHICULAR GATES & WALL



TENNIS COURT FENCE

6342-6360 NORTH BAY ROAD

CFZ DESIGN
e chris@cfzdesign.com w www.cfzdesign.com

13300 SW 52ND COURT
MIRAMAR, FL 33027
t 239.898.7549

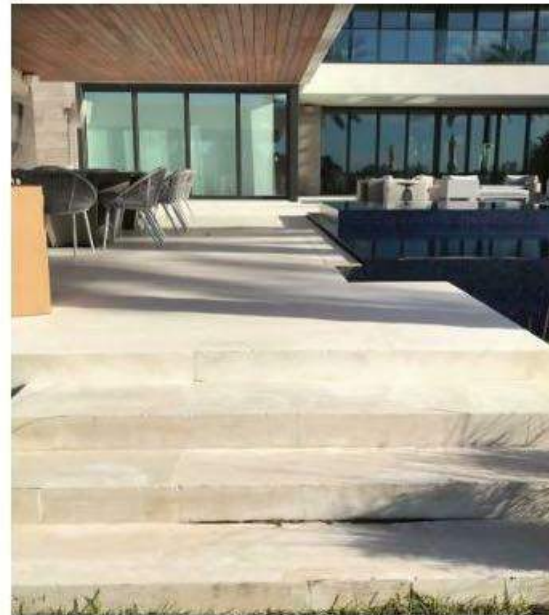
e chris@cfzdesign.com
w www.cfzdesign.com

Material Board

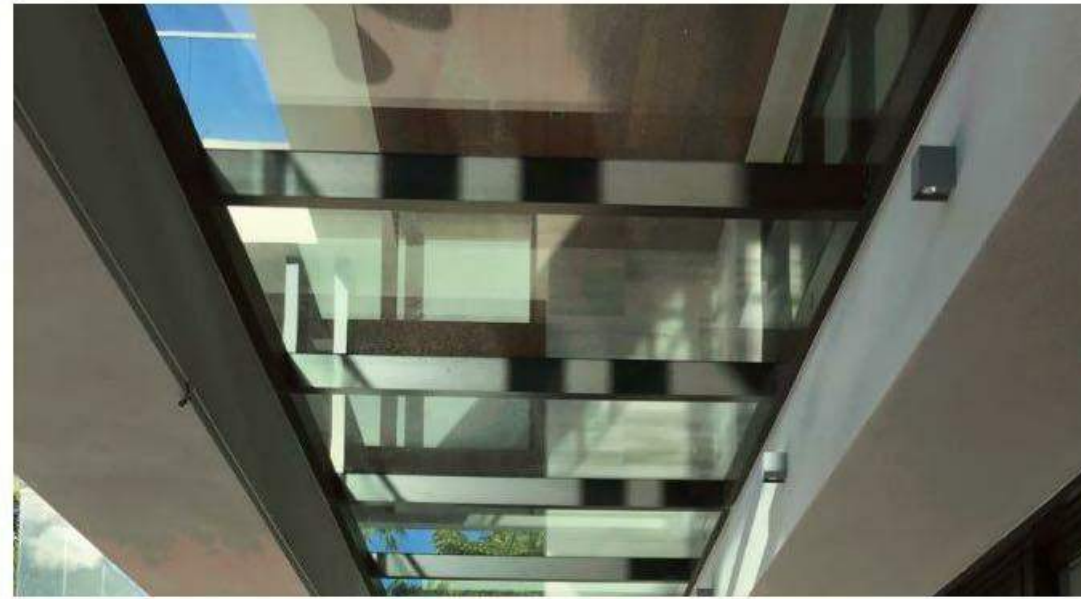
12-7-2020

A-801.2

MATERIAL BOARD



POOL STONE TILE



GLASS SKYLIGHT



GLASS AND FRAME



WHITE STUCCO



VEHICULAR PAVERS



WOOD CEILING



STONE CLADDING ON BDLG



METAL COLUMNS

6342-6360 NORTH BAY ROAD

CFZ DESIGN
e chris@cfzdesign.com w www.cfzdesign.com

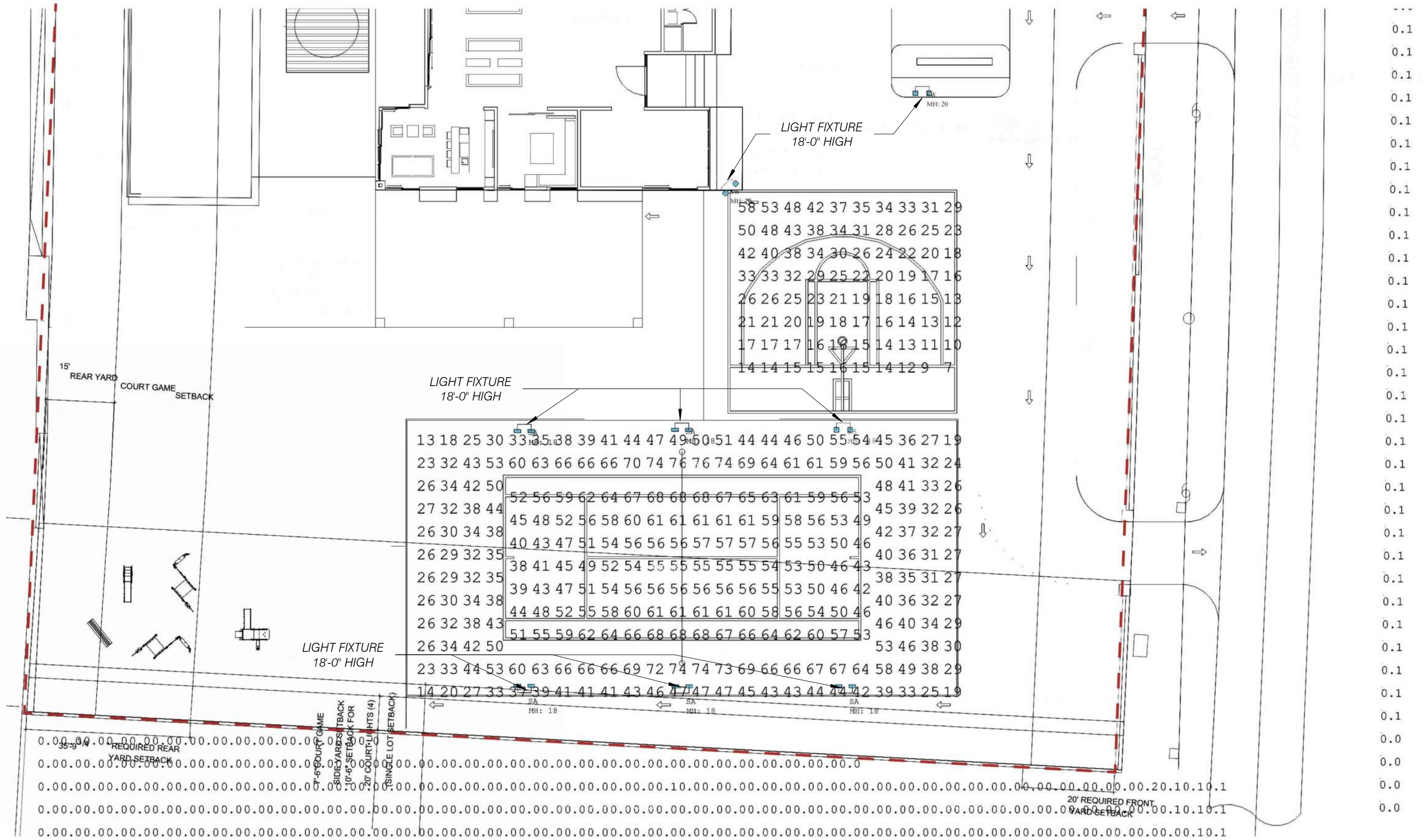
13300 SW 52ND COURT
MIRAMAR, FL 33027
t 239.898.7549

e chris@cfzdesign.com
w www.cfzdesign.com

Material Board

12-7-2020

A-801



INFORMATION PROVIDED BY : SESCO LIGHTING MEASUREMENT IN FOOT CANDLES

6342-6360 NORTH BAY ROAD

Photometrics

12-7-2020



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 (6 modules)	600 600 mA ¹⁶ 800 800 mA 900 900 mA 1050 1050 mA	WW-G2 Warm White 3000K, 70 CRI Generation 2 NW-G2 Neutral White 4000K, 70 CRI Generation 2	AR Arm Mount (standard) ² <i>The following mounting kits must be ordered separately (See accessories)</i>	Type 2 2 Type 2 2-90 Rotated left 90° 2-270 Rotated right 270° 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°	120 120V 208 208V 240 240V 277 277V 347 347V 480 480V UNV 120-277V (50/60Hz) HVV 347-480V (50/60Hz)
	128L 128 LEDs (8 modules)	600 600 mA ¹⁶ 900 900 mA 1050 1050 mA	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}	SF Slip Fitter Mount ³ (fits to 2 1/8" O.D. tenon) WS Wall mount with surface conduit rear entry permitted RAM Retrofit arm mount kit ³	AFR Auto Front Row Auto Front Row, rotated left 90° AFR-270 Auto Front Row, rotated right 270° BLC Back Light Control Back Light Control rotated at 90° BLC-270 Back Light Control rotated at 270°	

Options					
Dimming controls	Motion sensing lens	Photo-sensing	Electrical	Luminaire	Finish
DD 0-10V External dimming (by others) ^{4,5} DCC Dual Circuit Control ^{4,5,6,7} FAWS Field Adjustable Wattage Selector ^{4,5} SW Interface module for SiteWise ^{4,5,7} LLC Integral wireless module ^{4,5,8,20} BL Bi-level functionality ^{4,20} DynaDimmer: Automatic Profile Dimming CS50 Security 50% Dimming, 7 hours ^{4,8,21} CM50 Median 50% Dimming, 8 hours ^{4,8,21} CS30 Security 30% Dimming, 7 hours ^{4,8,21} CM30 Median 30% Dimming, 8 hours ^{4,8,21}	IMRI3 Integral with #3 lens ⁹ IMRI7 Integral with #7 lens ⁹	PCB Photocell Button ^{9,3} 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) ³ F2 Double (208, 240, 480VAC) ³ F3 Canadian Double Pull (208, 240, 480VAC) ³ Pole Mount Fusing FP1 Single (120, 277, 347VAC) ³ FP2 Double (208, 240, 480VAC) ³ FP3 Canadian Double Pull (208, 240, 480VAC) ³ 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, 5W, 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
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, 5W, and BLC optics



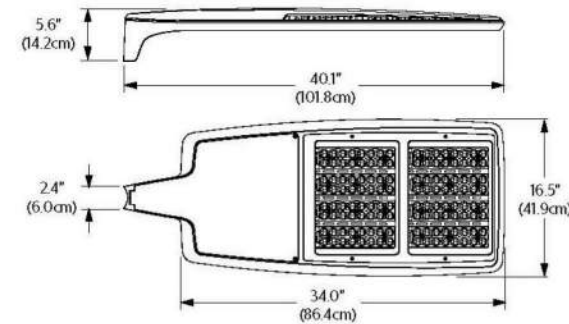
INFORMATION PROVIDED BY : SESCO LIGHTING

P34 PureForm LED large Area light

Dimensions

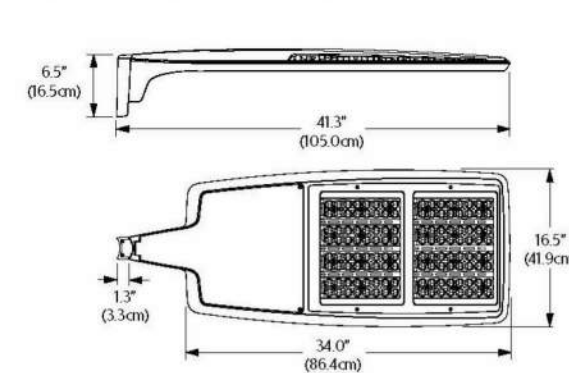
Standard Arm (AR)

Weight: 35 Lbs (15.8 Kg) EPA: 0.30ft² (.028m²)

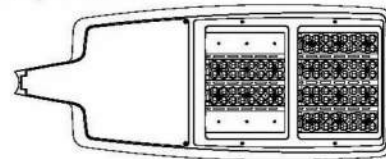


Retrofit Arm (RAM)

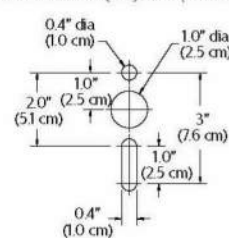
Weight: 39 Lbs (17.7 Kg) EPA: 0.33ft² (.031m²)



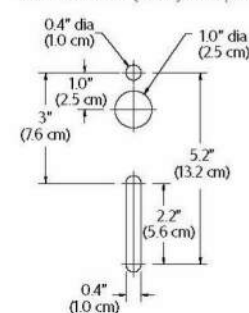
6 module configuration



Standard Arm (AR) drill pattern

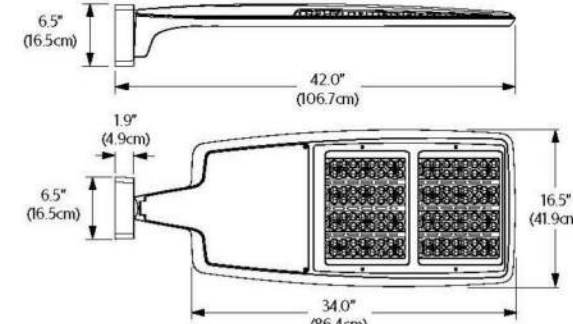


Retrofit arm (RAM) drill pattern



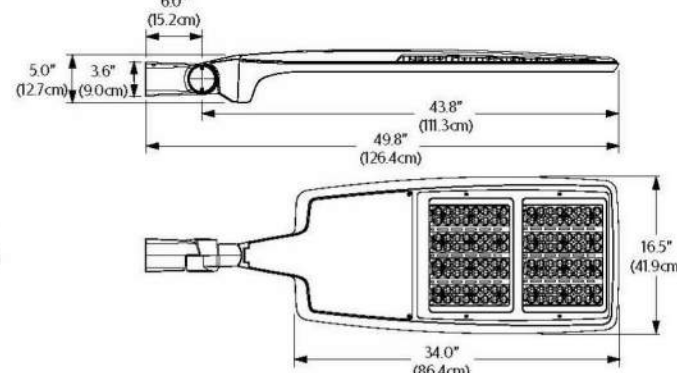
Wall (WS)

Weight: 37 Lbs (16.8Kg) EPA: 0.35ft² (.033m²)



Slip fitter (SF)

Weight: 40 Lbs (18.1 Kg) EPA: 0.43ft² (.040m²)



P34 PureForm LED large Area light

Specifications

Housing

Two-piece sealed enclosure with main part of the housing designed as the structural and heat sink frame enclosed by cover to give its unique form. It also includes heat sinks, integral arm and separate, self-retained hinged, one-piece die cast door frame. All die-cast parts made of low copper die cast aluminum alloy for a high resistance to corrosion. The sleek profile with optimized surface area allows housing to provide excellent convection heat transfer with minimum use of heat fins, giving the freedom to have a clean minimalist aesthetic design. Luminaire housing rated to IP65, tested in accordance to Section 9 of IEC 60598-1.

Vibration resistance

Luminaire is tested and rated 1.5G over 100,000 cycles conforming to standards set forth by ANSI C136.31-2010. Testing includes vibration to 1.5G acceleration in three axes, all performed on the same luminaire.

Light engine

Light engine comprises of a module of 16-LED aluminum metal clad board fully sealed with optics offered in multiples of 6 and 8 modules or 96 and 128 LEDs. Module is RoHS compliant. Color temperatures: 3000K +/- 125K, 4000K, 5000K +/- 200K. Minimum CRI of 70. Also available in 2700K, 3500K, and Direct Amber with extended lead times. Direct Amber LED is narrow spectrum with dominant wavelength at 596 nm (peak wavelength at 601nm). Contact factory for details. LED light engine is rated IP66 in accordance to Section 9 of IEC 60598-1.

Energy saving benefits

System efficacy up to 129 lms/W with significant energy savings over Pulse Start Metal Halide luminaires. Optional control options provide added energy savings during unoccupied periods.

Optical systems

Type 2, 3, 4, 5, SW, and AFR distributions available. Internal Shield option mounts to LED optics and is available with Type 2, 3, 4, and AFR distributions including a dedicated BLC optic to provide the best backlight control possible for those stringent requirements around property lines. Types 2, 3, 4, AFR, and BLC when specified and used as rotated, are factory set only. Performance tested per LM-79 and TM-15 (IESNA) certifying its photometric performance. Luminaire designed with 0% uplight (U0 per IESNA TM-15).

Mounting

Standard luminaire arm mounts to 4" O.D. round poles. Can also be used with 5" O.D. poles. Square pole adapter included with every luminaire. Round Pole Adapter (RPA) required for 3-3.9" poles. PureForm features a retrofit arm kit. When specified with the retrofit arm (RAM) option, PureForm seamlessly simplifies site conversions to LED by eliminating the need for additional pole drilling on most existing poles. RAM will be boxed separately. Also optional are slipfitter and wall mounting accessories. Note that only fixed mounts (AR, RAM, WS) are required to meet IDA compliance. SF mounting will not meet IDA.

Control options

0-10V dimming (DD): Access to 0-10V dimming leads supplied through back of luminaire (for secondary dimming controls by others). Cannot be used with other control options.

Dual Circuit Control (DCC): Luminaire equipped with the ability to have two separate circuits controlling drivers and light engines independently. Permits separate switching of separate modules controlled by use of two sets of leads, one for each circuit. Not recommended to be used with other control options, motion response, or photocells.

SiteWise (SW): SiteWise system includes a controller fully integrated in the luminaire that enables the luminaires to communicate with a dimming signal transmitter cabinet located on site using patented central dimming technology. A locally accessible mobile app allows users to access the system and set functionalities such as ON/OFF, dimming levels and scheduling. SiteWise is available with motion response options in order to bring the light back to 100% when motion is detected. Cannot be used with other control options or photocell options. Additional functionalities are available such as communication with indoor lighting and connection to BMS systems. Complete information on the control system can be found on the SiteWise website at philips.com/sitewise.

Field Adjustable Wattage Selector (FAWS): Luminaire equipped with the ability to manually adjust the wattage in the field to reduce total luminaire lumen output and light levels. Comes pre-set to the highest position at the lumen output selected. Use chart below to estimate reduction in lumen output desired. Cannot be used with other control options or motion response.

FAWS Position	Percent of Typical Lumen Output
1	25%
2	50%
3	55%
4	65%
5	75%
6	80%
7	85%
8	90%
9	95%
10	100%

Note: Typical value accuracy +/- 5%

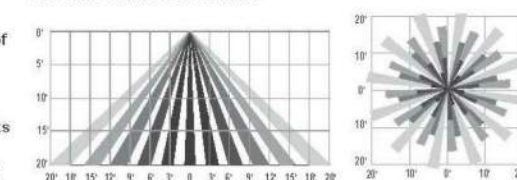
Automatic Profile Dimming (CS/CM/CE/CA): Standard dimming profiles provide flexibility towards energy savings goals while optimizing light levels during specific dark hours. Dimming profiles include two dimming settings including dim to 30% or 50% of the total lumen output. When used in combination with not programmed motion response it overrides the controller's schedule when motion is detected. After 5 minutes with no motion, it will return to the automatic dimming profile schedule. Automatic dimming profile scheduled with the following settings:

- CS50/CS30: Security for 7 hours night duration (Ex., 11 PM - 6 AM)
- CM50/CM30: Median for 8 hours night duration (Ex., 10 PM - 6 AM)

All above profiles are calculated from mid point of the night. Dimming is set for 6 hours after the mid point and 1 or 2 hours before depending of the duration of dimming. Cannot be used with other dimming control options.

Wireless system (LLC): Optional wireless controller integral to luminaire ready to be connected to a Linelight system (sold by others). The system allows you to wirelessly manage the entire site, independent lighting groups or individual luminaires while on-site or remotely. Based on a high-density mesh network with an easy to use web-based portal, you can conveniently access, monitor and manage your lighting network remotely. Wireless controls can be combined with site and area, pedestrian, and parking garage luminaires as well, for a completely connected outdoor solution. Equipped with motion response with #3 lens (LLC-IMR13) for 8-25' mounting heights.

LLC-IMR13 Luminaire with #3 lens



Motion response options

Bi-Level Infrared Motion Response (BL-IMRI): Motion Response module is mounted integral to luminaire factory pre-programmed to 50% dimming when not ordered with other control options. BL-IMRI is set/operates in the following fashion: The motion sensor is set to a constant 50%. When motion is detected by the PIR sensor, the luminaire returns to full power/light output. Dimming on low is factory set to 50% with 5 minutes default in "full power" prior to dimming back to low. When no motion is detected for 5 minutes, the motion response system reduces the wattage by 50%, to 50% of the normal constant wattage reducing the light level. Other dimming settings can be provided if different dimming levels are required. This can also be done with FSIR-100 Wireless Remote Programming Tool (contact Technical Support for details).

INFORMATION PROVIDED BY : SESCO LIGHTING

6342-6360 NORTH BAY ROAD

CFZ DESIGN
e chris@cfzdesign.com w www.cfzdesign.com

13300 SW 52ND COURT
MIRAMAR, FL 33027
t 239.898.7549

e chris@cfzdesign.com
w www.cfzdesign.com

Lighting

12-7-2020

A-903

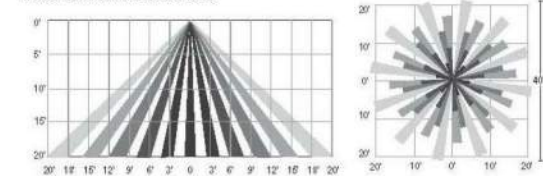
P34 PureForm LED large Area light

Specifications (cont'd)

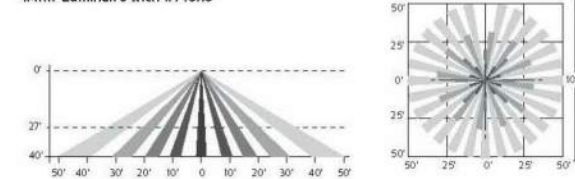
Infrared Motion Response with Other Controls: When used in combination with other controls (Automatic Dimming Profile and SiteWise), motion response device will simply override controller's schedule with the added benefits of a combined dimming profile and sensor detection. In this configuration, the 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/IMR7): 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



IMR7 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 SP1/10kV/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, triglycidyl 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.



© 2019 Signify Holding. All rights reserved. This document contains information relating to the product portfolio of Signify which information may be subject to change. No representation or warranty as to the accuracy or completeness of the information included herein is given and any liability for any action in reliance thereon is disclaimed. All trademarks are owned by Signify Holding or their respective owners.

Signify North America Corporation
200 Franklin Square Drive,
Somerset, NJ 08873
Telephone 855-486-2216

Signify Canada Ltd.
281 Hillmount Road,
Markham, ON, Canada L3C 2S3
Telephone 800-668-9008

P34_PureForm_area_large_03/20_page 7 of 7

www.gardeolighting.com

INFORMATION PROVIDED BY : SESCO LIGHTING

6342-6360 NORTH BAY ROAD

CFZ DESIGN
e chris@cfzdesign.com w www.cfzdesign.com

13300 SW 52ND COURT
MIRAMAR, FL 33027
t 239.898.7549

e chris@cfzdesign.com
w www.cfzdesign.com

Lighting

12-7-2020

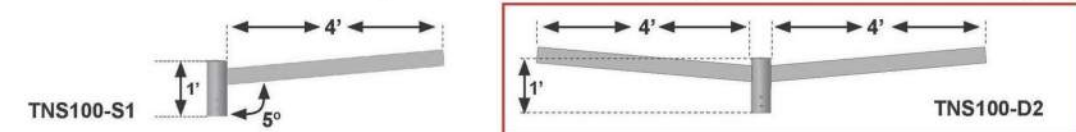
A-904

TNS100

Project Name:

Catalog Number:

Type

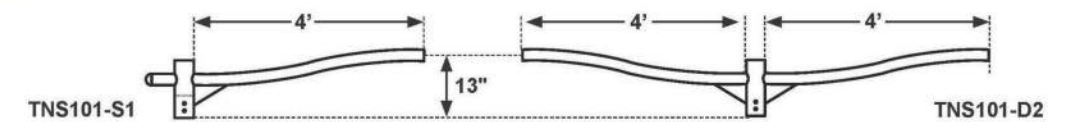


The TNS100 tennis court mounting arm is constructed of 1½" x 3½" rectangular steel tubing. This arm can be made to slip over the following tenon (or pole) sizes: 3½" Ø, 4" Ø, 4½" Ø, and 5" Ø. The TNS100 is available in the following pole mounting configurations: Single, Double 70°, Double 90°, Double 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) Quad 70° (Q7) Quad 90° (QD)	4½" dia (4½) 5" dia (5)	

TNS101

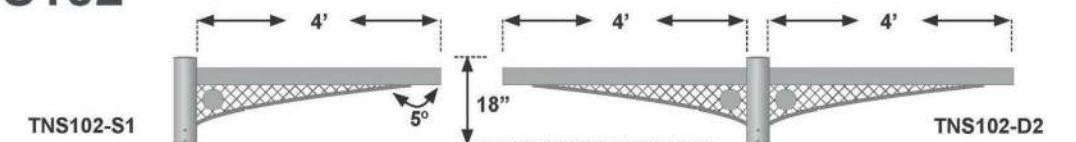


The TNS101 architectural tennis court mounting arm is constructed of 2½" curved steel tubing. This arm can be made to slip over the following tenon (or pole) sizes: 3" Ø, 3½" Ø, 4" Ø, 4½" Ø and 5" Ø. The TNS101 is available in the following pole mounting configurations: Single, Double 70°, Double 90°, 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) Quad 70° (Q7) Quad 90° (QD)	4½" dia (4½) 5" dia (5)	

TNS102

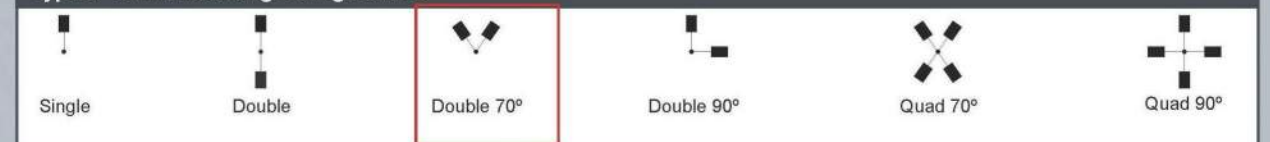


The TNS102 tennis-court-themed mounting arm is constructed of 1½" x 3½" rectangular steel tubing, and features a unique mesh tennis court net and ball design. This arm can be made to slip over the following tenon (or pole) sizes: 3½" Ø, 4" Ø, 4½" Ø, and 5" Ø. The TNS102 is available in the following 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) Quad 70° (Q7) Quad 90° (QD)	4½" dia (4½) 5" dia (5)	

Typical Tennis Mounting Configurations



MOUNTING ARMS