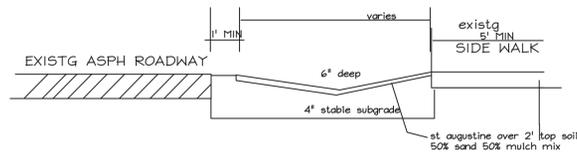


EROSION CONTROL NOTES

1. THE INTENT OF EROSION CONTROL MEASURES INDICATE GRAPHICALLY ON PLANS IS TO PROVIDE A BARRIER TO CONTAIN SILT AND SEDIMENT ON THE PROJECT SITE. THIS REPRESENTATION IS PROVIDED FOR THE CONTRACTOR
2. APPROVED EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY CLEARING, GRADING, EXCAVATION OR FILLING EXCEPT THOSE OPERATIONS NEEDED TO INSTALL SUCH MEASURES
3. INSPECTIONS OF EROSION CONTROL MEASURES SHALL BE CONDUCTED WEEKLY OR AFTERA EACH RAINFALL EVENT. REPAIRS OR REPLACEMENT SHALL BE MADE AS REQ.
4. KEEP DUST WITHIN TOLERABLE LIMITS BY SPRINKLING
5. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES MAY BE REQ. IF DEEMED BY ON SITE INSPECTION
6. DRAINAGE INLETS SHALL BE PROTECTED BY FILTER AND GRADED ROCK
7. ANY ACCESS ROUTES TO THE SITE SHALL BE BASED W/ CRUSHED ROCK
8. EROSION CONTROL MEASURES SHALL BE MAINTAINED UNTIL PERMANENT GROUND CONTROL IS ESTABLISHED. EXISTG VEGETATION IS TO BE MAINTAINED AS FEASIBLE



EXISTG ASPH ROADWAY
TYP ROAD 6" SWALE PROFILE

contractor shall center bottom of swale between edge of pavement and r/w line if no side walk exists
swale shall be continuous from property line to property line

NOTE: EXISTING RESIDENCE AND IMPROVEMENTS TO BE DEMOLISHED AND DISPOSED OF OFFSITE

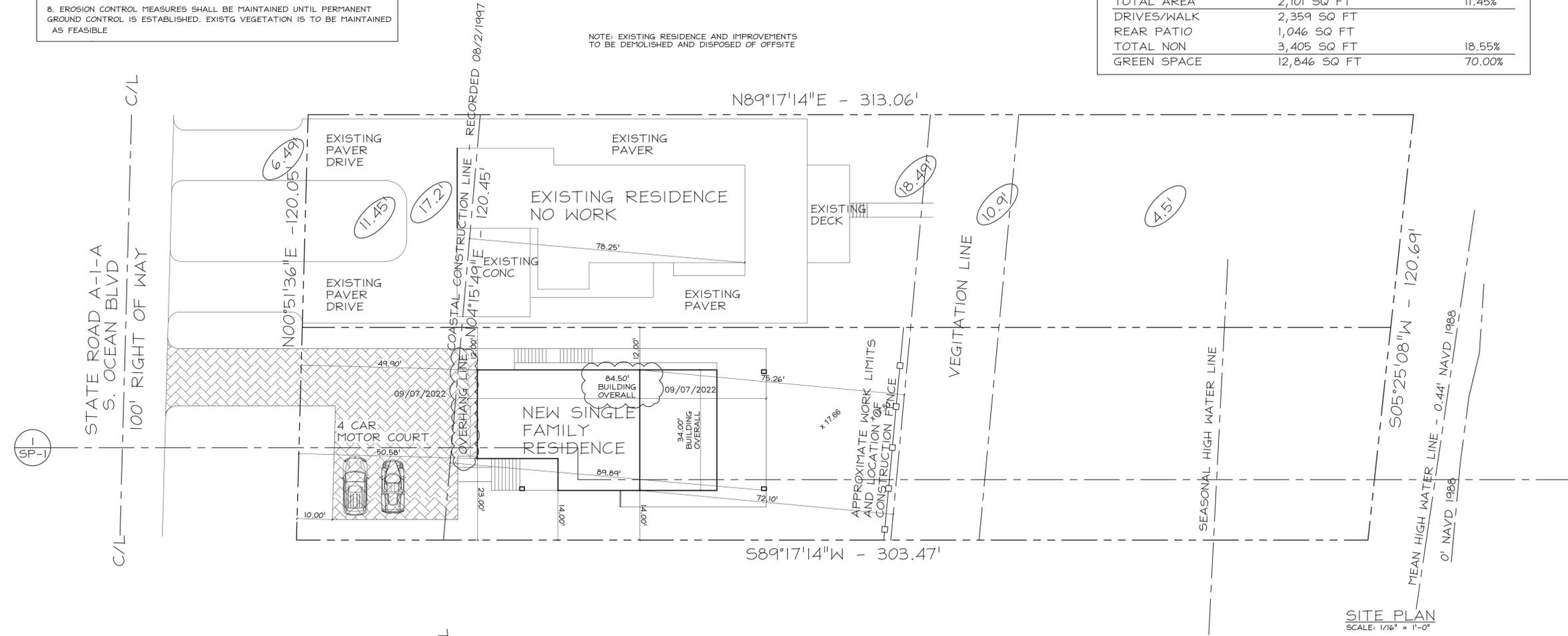
48 HOURS BEFORE DIGGING
CALL TOLL FREE
1-800-432-4770
SUNSHINE STATE
ONE CALL OF FL INC.



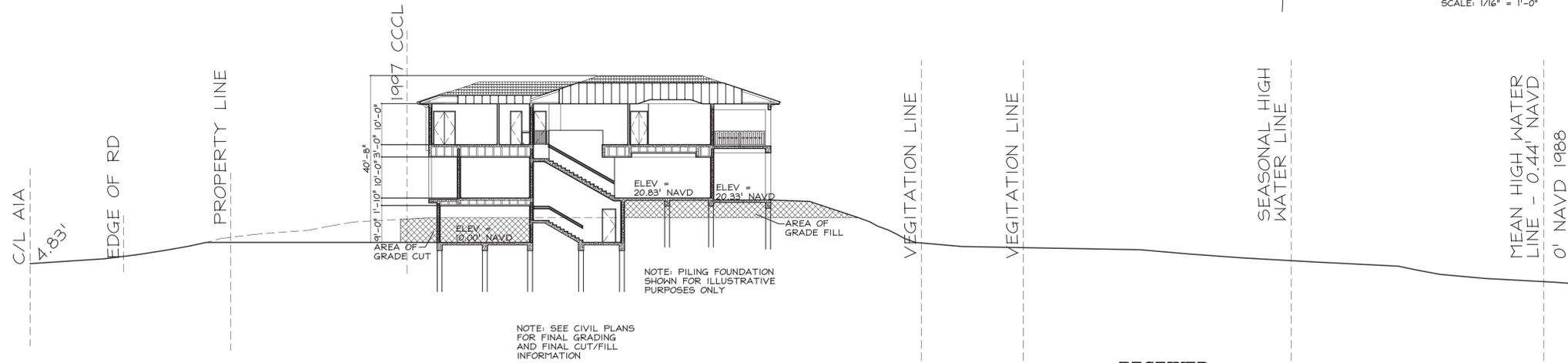
PAUL CHARETTE A.I.A.
LICENSE AR 0016279
Digitally signed by Mark Hunley
Date: 2022.09.07 15:22:55 -04'00
MARK HUNLEY A.I.A.
LICENSE AR 0099784

SITE AREA CALCULATIONS

SITE AREA	18,352 SQ FT	100.00%
HOUSE AREA	1,074 SQ FT	
GARAGE AREA	1,027 SQ FT	
TOTAL AREA	2,101 SQ FT	11.45%
DRIVES/WALK	2,359 SQ FT	
REAR PATIO	1,046 SQ FT	
TOTAL NON	3,405 SQ FT	18.55%
GREEN SPACE	12,846 SQ FT	70.00%



SITE PLAN
SCALE: 1/16" = 1'-0"



NOTE: SEE CIVIL PLANS FOR FINAL GRADING AND FINAL CUT/FILL INFORMATION

NOTE: PILING FOUNDATION SHOWN FOR ILLUSTRATIVE PURPOSES ONLY

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APPROVED PLAN AS PERMITTED
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FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
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Reviewed by: *[Signature]* Date: November 10, 2022

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September 14, 2022
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AND COASTAL PROTECTION
PB-1426

SITE SECTION
SP-1 SCALE: 1/16" = 1'-0"

CHARETTE INTERNATIONAL ARCHITECTURE INC
AA26002424
ARCHITECTURE ◆ PLANNING ◆ HISTORICAL RENOVATIONS

2528 N 38 TH AVE
paul@charettearch.com
mark@charettearch.com
◆ HOLLYWOOD, FL
◆ (561)756-6094 - (954)809-9802

NEW RESIDENCE
3521 S OCEAN BLVD
HIGHLAND BEACH, FL
2021-055

STARTED:
PRELIM 1:
PRELIM 2:
PRELIM 3:
PRELIM FINAL:
DEPT: 09/07/2022
CONST DOCS:
BLDG DEPT:
BLDG DEPT:
BLDG DEPT:
AS-BUILTS:
SCALE: 1/4" = 1'-0"

SHEET
SP-1



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LICENSE AR 0016279

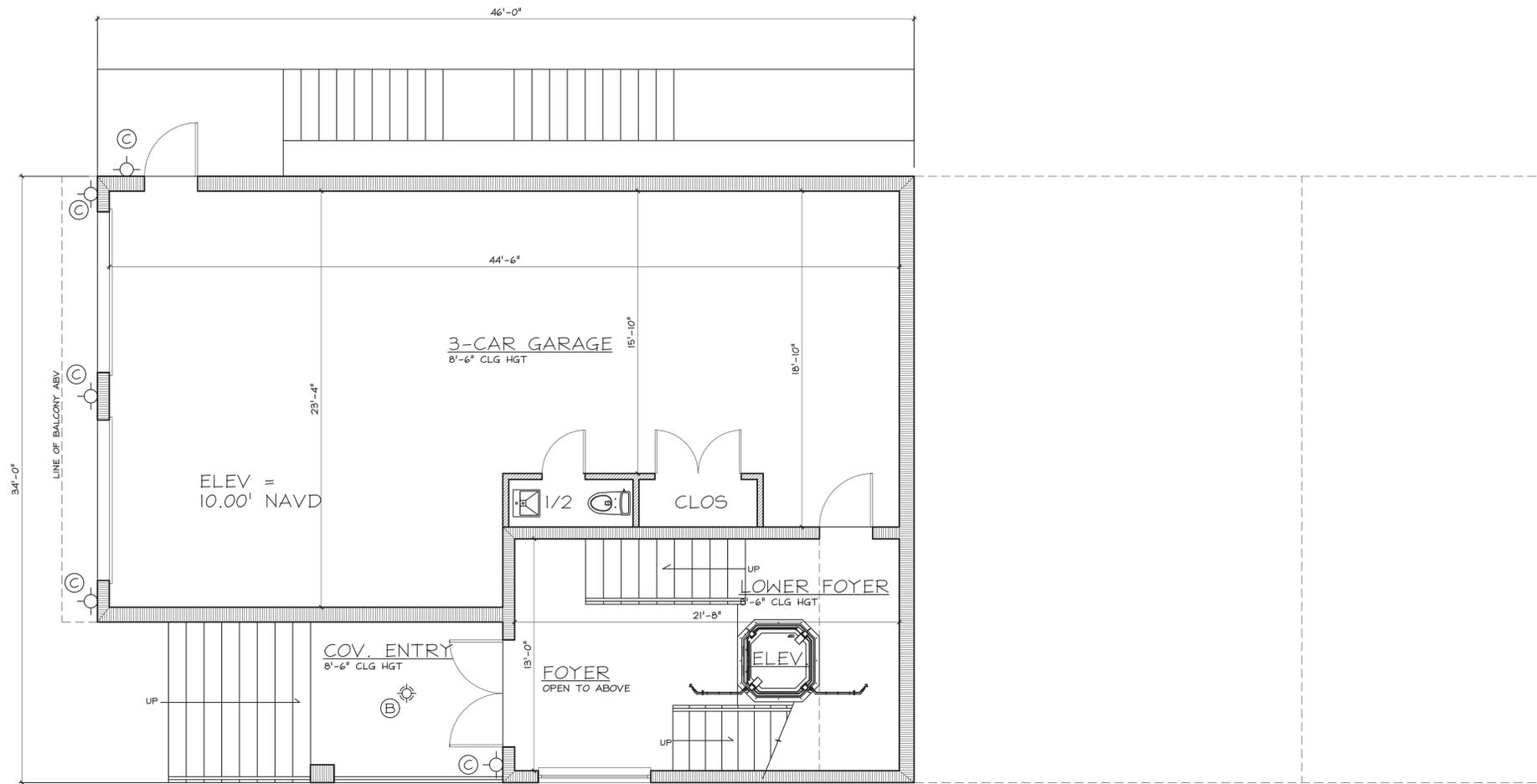
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by Mark Hunley
Date:
2022.08.19
10:52:55 -04'

MARK HUNLEY A.I.A.
LICENSE AR 0099784

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AREA CALCULATIONS

1ST FLOOR A/C	355 SQ FT
2ND FLOOR A/C	1,798 SQ FT
3RD FLOOR A/C	1,844 SQ FT
TOTAL A/C	3,997 SQ FT
GARAGE	1,004 SQ FT
TOTAL ENCLOSED	5,001 SQ FT
1ST FLOOR CVR ENTRY	98 SQ FT
2ND FLOOR BALCONY	175 SQ FT
2ND FLOOR LOGGIA	476 SQ FT
3RD FLOOR FRONT BALCONY	73 SQ FT
3RD FLOOR REAR BALCONY	476 SQ FT
GRAND TOTAL	6,299 SQ FT



FIRST FLOOR PLAN
SCALE: 1/4" = 1'-0"

DEPARTMENT OF ENVIRONMENTAL PROTECTION
APPROVED LIGHTING PLAN

This approval is limited to the exterior lights depicted on the stamped plans. This approval does not relieve the applicant of the responsibility to obtain any other approvals or permits which may be required by Federal, State, County or Municipal law.

Reviewed by: *Mark Hunley* November 10, 2022
Date

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BY THE OFFICE OF RESILIENCE AND COASTAL PROTECTION
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Reviewed by: *Mark Hunley* November 10, 2022
Date

CHARETTE INTERNATIONAL ARCHITECTURE INC
AA26002424

ARCHITECTURE ◆ PLANNING ◆ HISTORICAL RENOVATIONS

2528 N 38 TH AVE
paul@charettearch.com
mark@charettearch.com
◆ HOLL YWOOD, FL
◆ (561)756-6094 - (954)809-9802

NEW RESIDENCE
3521 S OCEAN BLVD
HIGHLAND BEACH, FL
2021-055

STARTED:
PRELIM:
PRELIM 2: 10-18-21
PRELIM 3: 1-18-22
PRELIM FINAL: 2-24-22

CONST DOCS:
BLDG DEPT:
BLDG DEPT:
BLDG DEPT:

AS-BUILTS:

SCALE: 1/4" : 1'-0"
SHEET

A-1

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AND COASTAL PROTECTION
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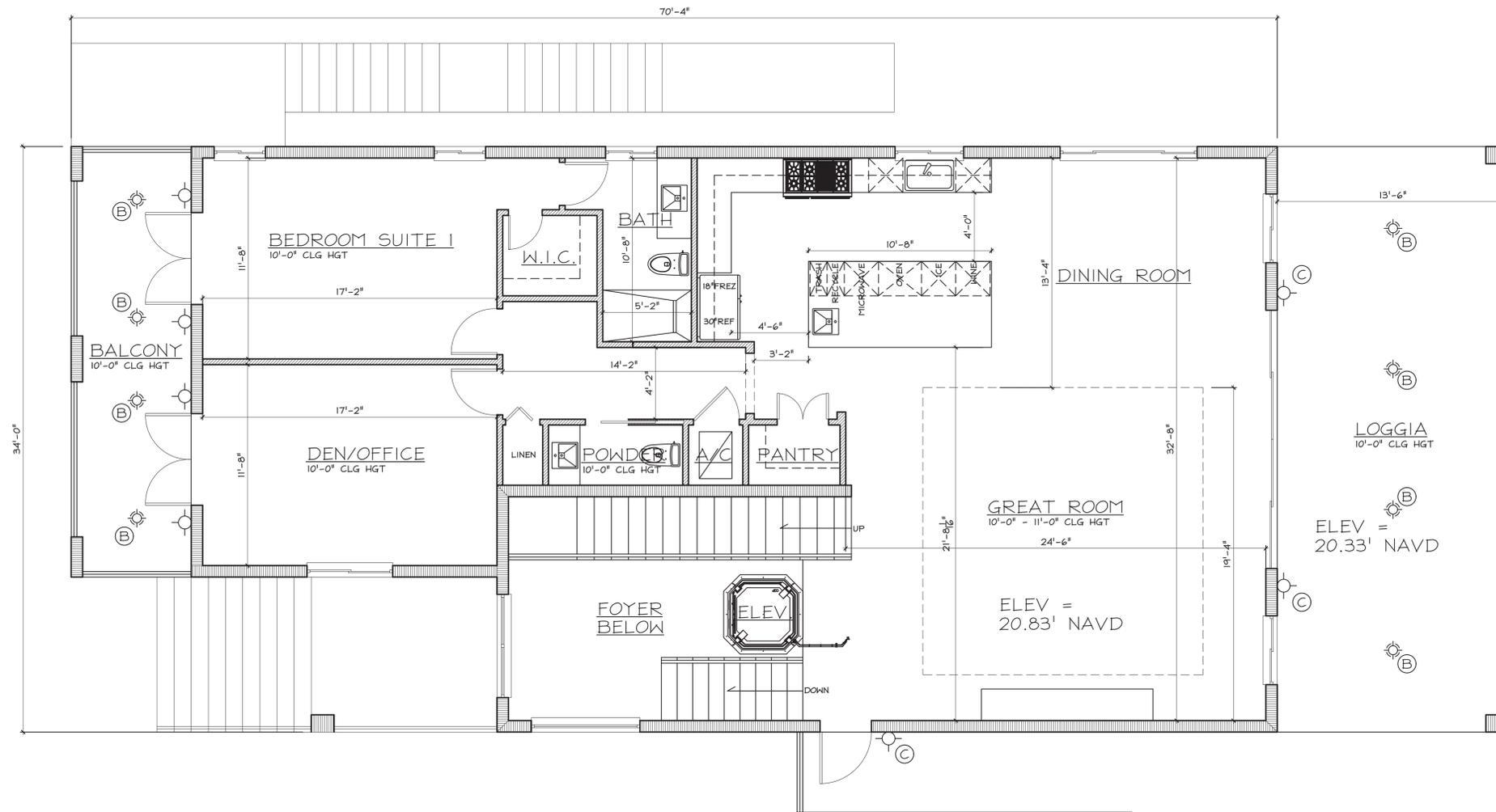


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 by Mark Hunley
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LABEL	QUANTITY	MOUNT TYPE	MOUNT HEIGHT	MANUFACTURER CATALOG NO.	LAMP TYPE, COLOR AND WATTS	LEVEL	SHEET NO
A	2	STEP	12" AFF	BEACH SIDE: STL-A	LED AMBER(1659K) 1 WATT	3	A-3
B	9	CEILING	10" AFF	BEACH SIDE: L-016-SQ	LED AMBER(1459K) 7 WATT	1,2	A-1,A-2
C	7	WALL	8" AFF	BEACH SIDE: L-014-S	LED AMBER(1479K) 7 WATT	1,2	A-1,A-2

- REFER TO ATTACHED FIXTURE CUTSHEETS FOR ADDITIONAL INFORMATION
- ALL WINDOWS AND GLASS DOORS SHALL HAVE A MAXIMUM LIGHT TRANSMITTANCE VALUE OF 45 PERCENT
- EXTERIOR LIGHT FIXTURES LANDWARD OF THE CCCL ARE NOT DEPICTED



DEPARTMENT OF ENVIRONMENTAL PROTECTION
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SECOND FLOOR PLAN
 SCALE: 1/4" = 1'-0"

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 2528 N 38 TH AVE
 paul@charettearch.com
 mark@charettearch.com
 ◆ (561)756-6094 ◆ (954)809-9802

NEW RESIDENCE
 3521 S OCEAN BLVD
 HIGHLAND BEACH, FL
 2021-055

STARTED:
 PRELIM:
 PRELIM 2: 10-18-21
 PRELIM 3: 1-18-22
 PRELIM FINAL: 2-24-22
 CONST DOCS:
 BLDG DEPT:
 BLDG DEPT:
 BLDG DEPT:
 AS-BUILTS:
 SCALE: 1/4" = 1'-0"
 SHEET
 A-2

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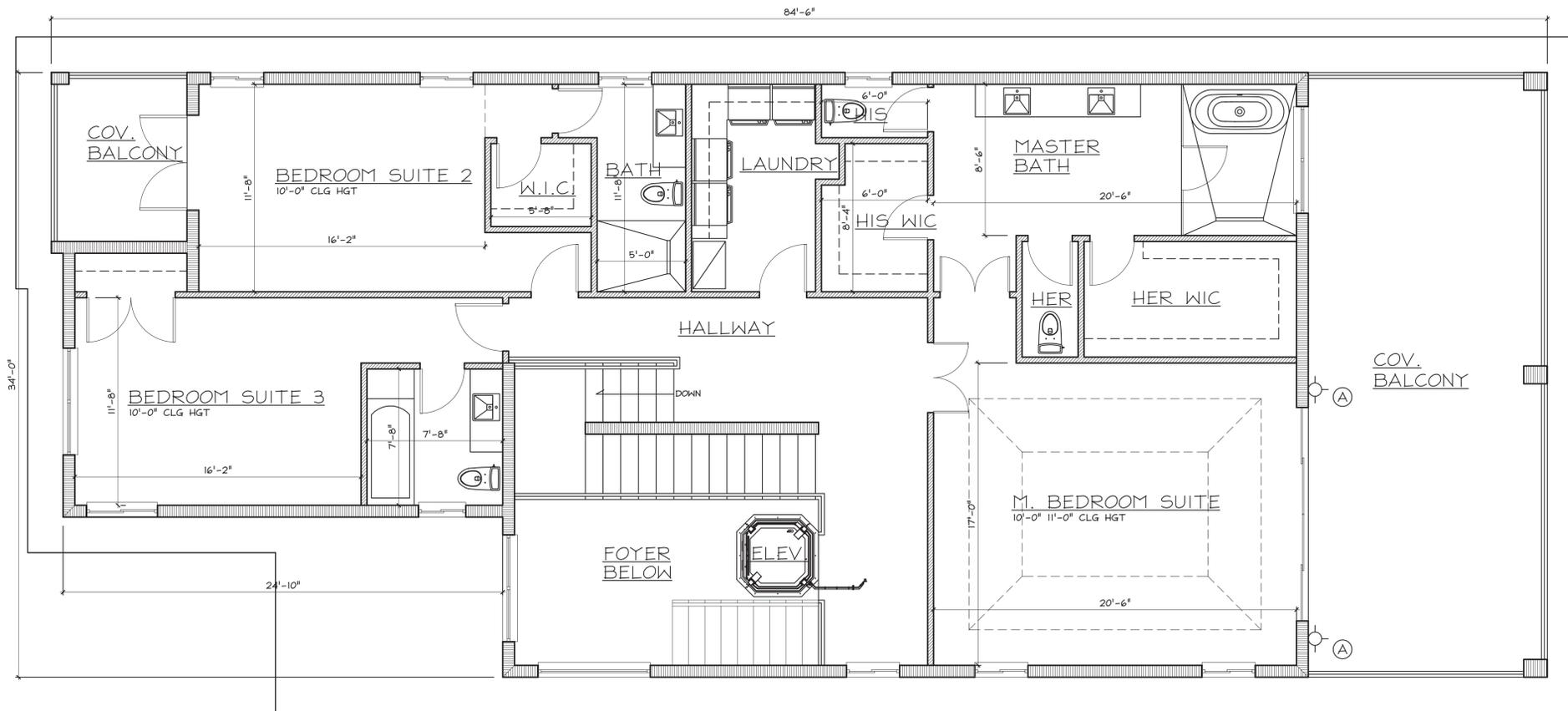


PAUL CHARETTE A.I.A.
LICENSE AR 0016279

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by Mark Hunley
Date:
2022.08.19
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MARK HUNLEY A.I.A.
LICENSE AR 0099784

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Mark Hunley November 10, 2022
Reviewed by Date

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Mark Hunley November 10, 2022
Reviewed by Date

THIRD FLOOR PLAN
SCALE: 1/4" = 1'-0"

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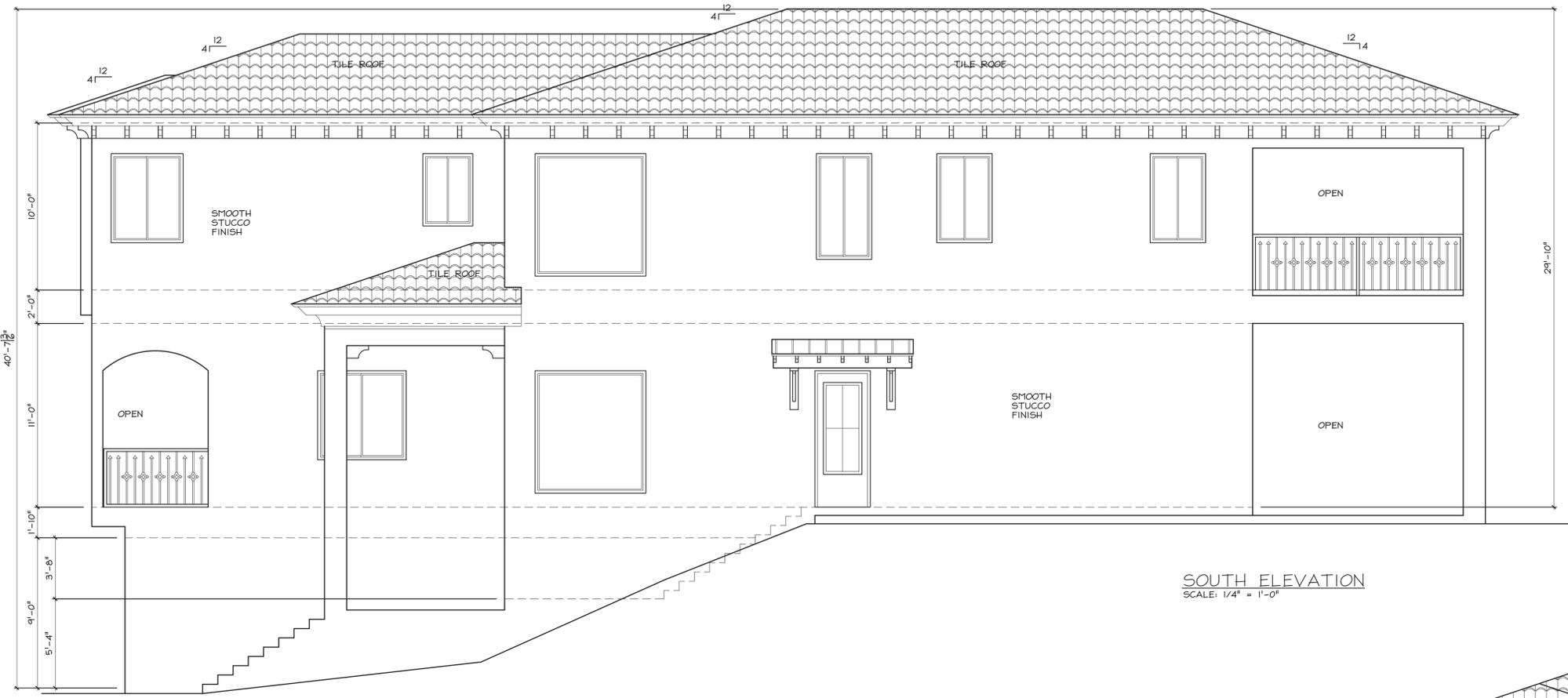
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SCALE: 1/4" = 1'-0"
SHEET

A-3

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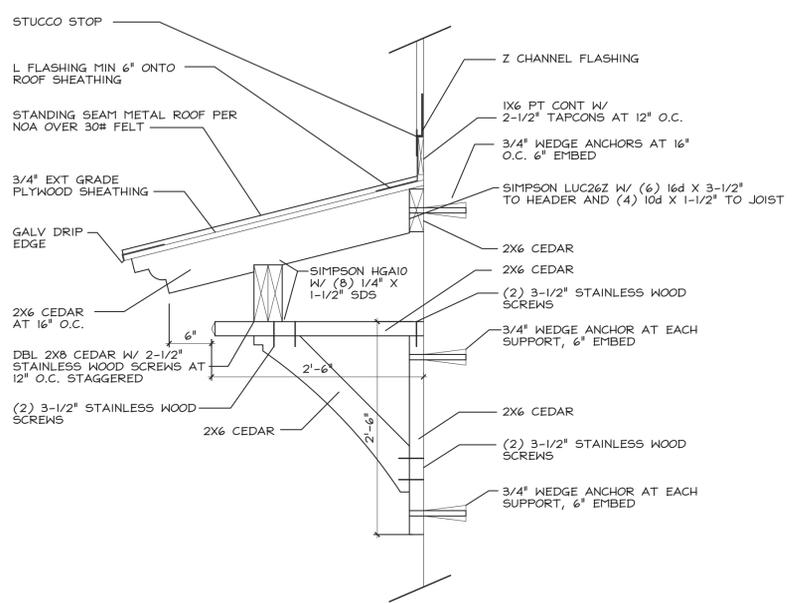
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SOUTH ELEVATION
 SCALE: 1/4" = 1'-0"



WEST ELEVATION
 SCALE: 1/4" = 1'-0"



EYEBROW ROOF DETAIL
 SCALE: 1" = 1'-0"

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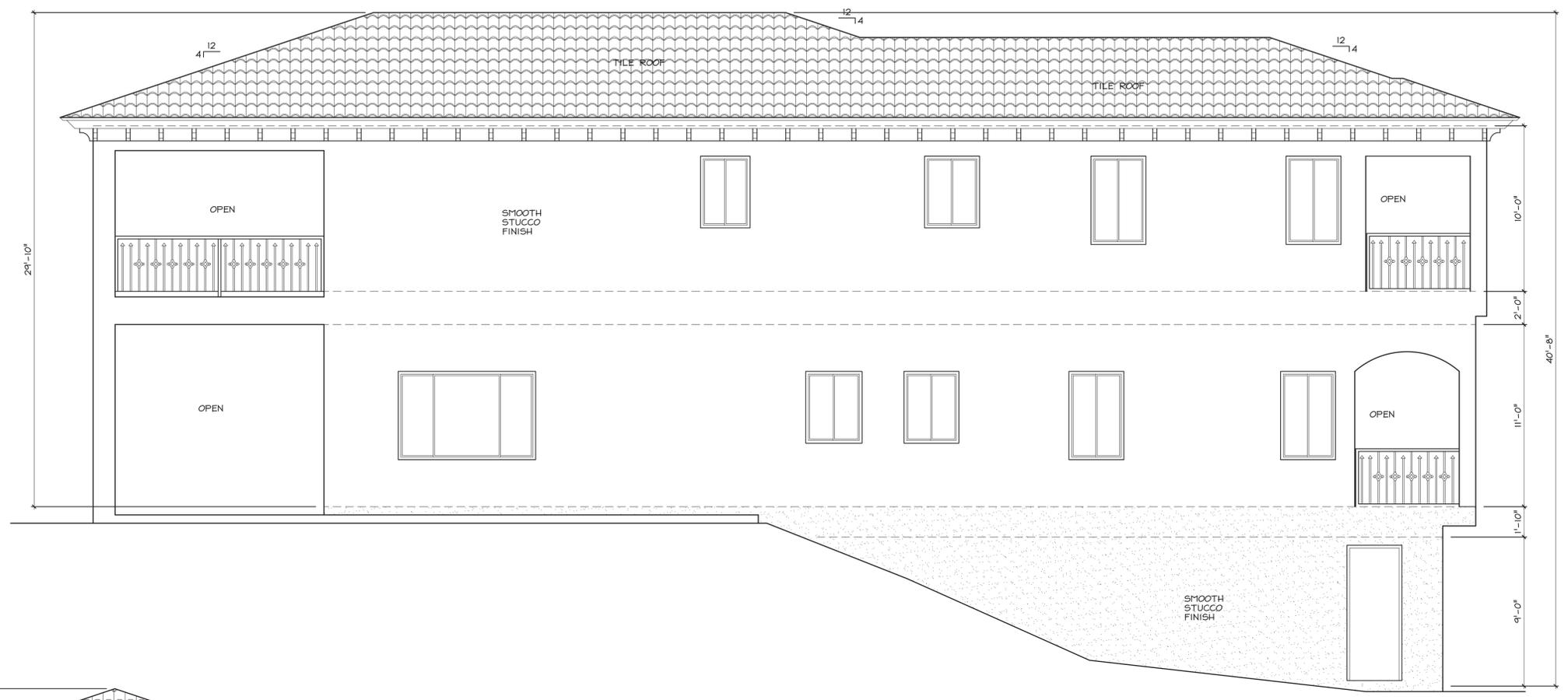
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 paul@charettearch.com
 mark@charettearch.com
 ◆ (561)756-6094 ◆ (954)809-9802
 HOLLYWOOD, FL

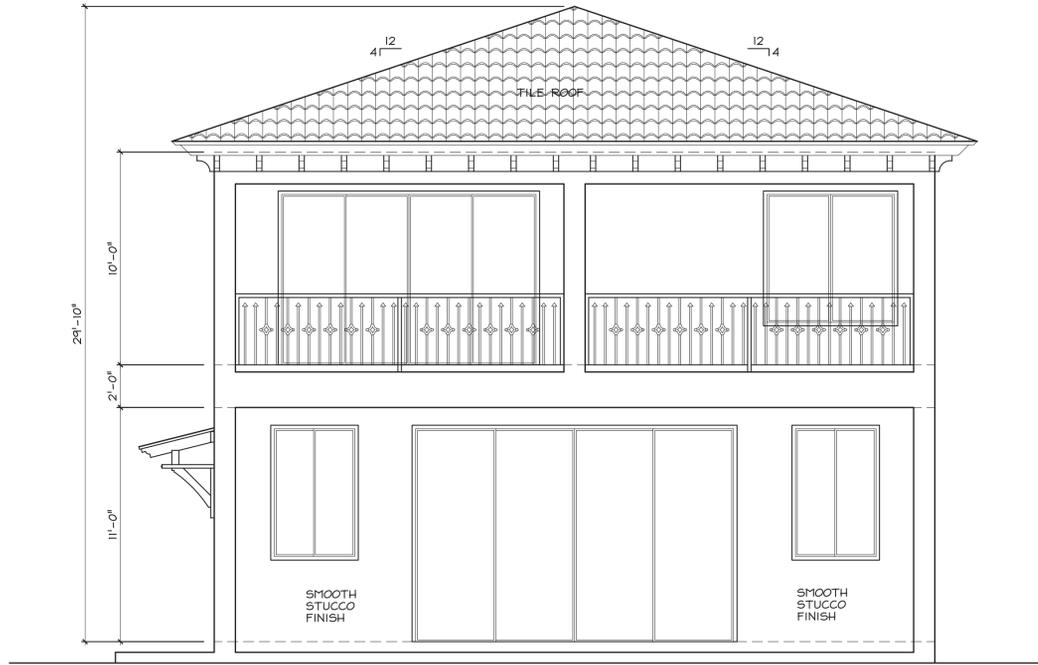
NEW RESIDENCE
 3521 S OCEAN BLVD
 HIGHLAND BEACH, FL
 2021-055

STARTED:
 PRELIM 1:
 PRELIM 2:
 PRELIM 3:
 PRELIM FINAL:
 CONST DOCS:
 BLDG DEPT:
 BLDG DEPT:
 BLDG DEPT:
 AS-BUILTS:
 SCALE: 1/4" = 1'-0"
 SHEET
A-4

PAUL CHARETTE A.I.A.
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 by Mark Hunley
 Date:
 2022.08.19
 10:53:27 -04'00'
 MARK HUNLEY A.I.A.
 LICENSE AR 0099784



NORTH ELEVATION
 SCALE: 1/4" = 1'-0"



EAST ELEVATION
 SCALE: 1/4" = 1'-0"

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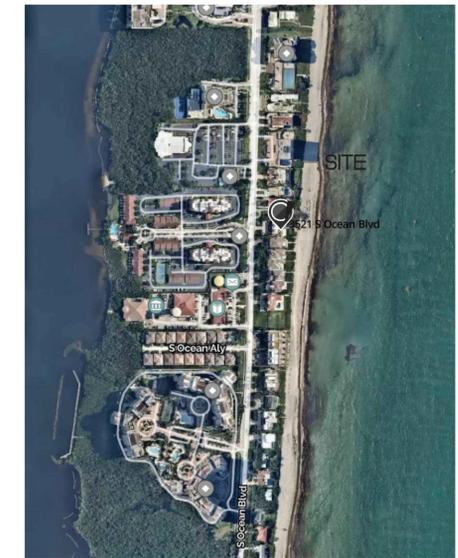
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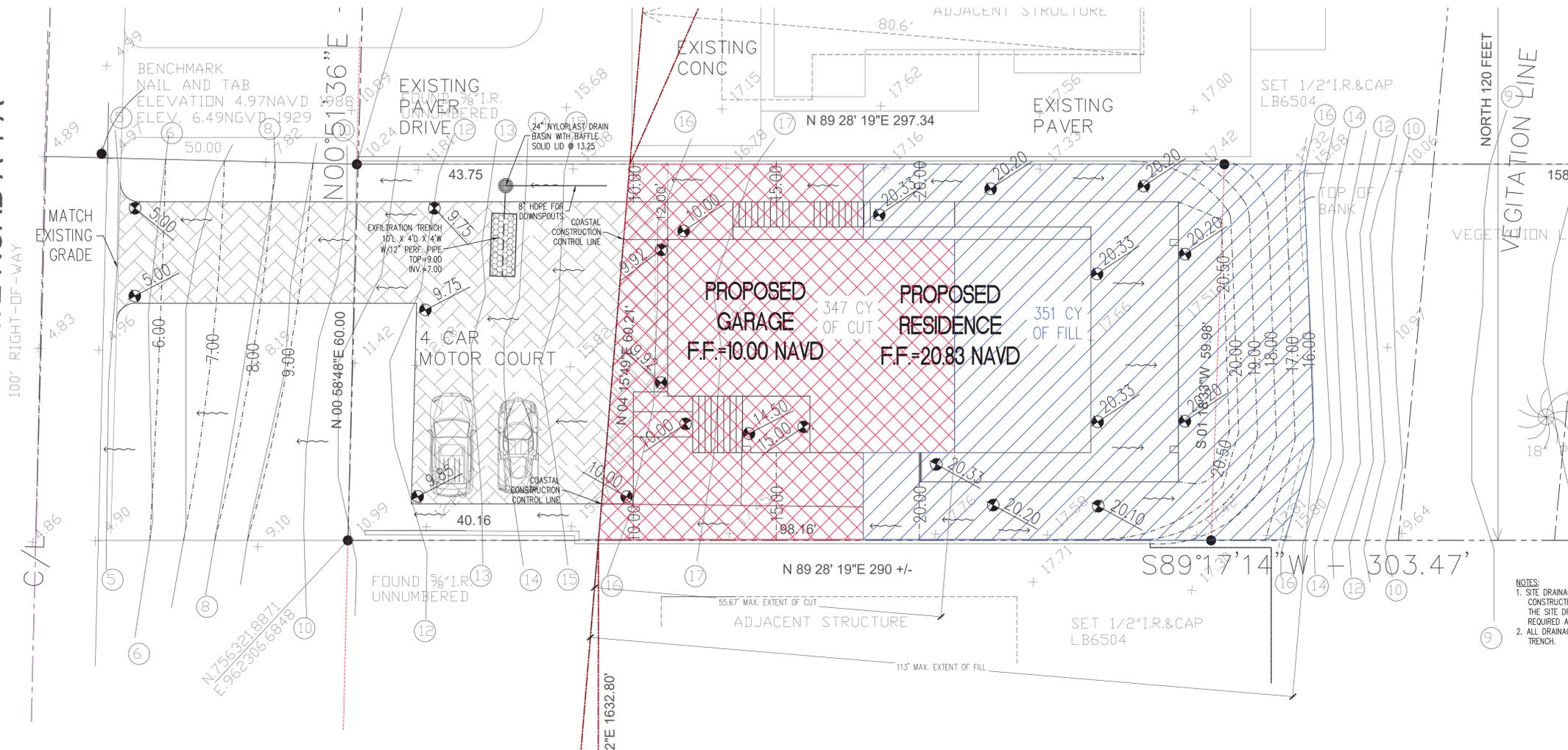
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 2021-055

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PRELIM 2:	
PRELIM 3:	
PRELIM FINAL:	
CONST DOCS:	
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AS-BUILTS:	
SCALE:	1/4" : 1'-0"
SHEET	A-5

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3521 STATE ROAD A-1-A



LEGEND

- EXISTING ELEVATION PER RENNER BURGESS LAND SURVEYING (NAVD)
- PROPOSED ELEVATION (NAVD)
- FLOW DIRECTION
- CONTOUR (PROPOSED)
- CONTOUR (EXISTING)
- CUT AREA
- FILL AREA

- NOTES:**
- SITE DRAINAGE PLAN TO MEET CITY OF HIGHLAND BEACH STORMWATER REQUIREMENTS. DURING DETAILED CONSTRUCTION PLAN PREPARATION, ADDITIONAL DRAINAGE IMPROVEMENTS MAY BE INCORPORATED INTO THE SITE DRAINAGE PLAN FROM THAT SHOWN. IF NECESSARY, STEM WALLS OR OTHER ITEMS MAY BE REQUIRED ALONG THE PROPERTY LINES TO PREVENT RUNOFF ONTO ADJACENT PROPERTIES.
 - ALL DRAINAGE FOR ROOF DRAINS WILL BE COLLECTED WEST OF THE CCCL LINE AND IN AN EXFILTRATION TRENCH.

EARTHWORK ESTIMATE FOR EXCAVATION & FILL EASTWARD OF CCCL FOR NEW PROJECT PLANS

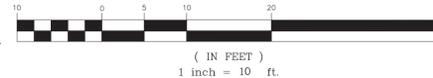
EXCAVATION-CUT (TOTAL)	347 C.Y.
EMBANKMENT (TOTAL FILL)	351 C.Y.
NET FILL -	4 C.Y.

- NOTE:**
- ALL EARTHWORK VOLUMES ARE ACTUAL AND DO NOT INCLUDE FACTORS FOR SHRINKAGE OR SWELLAGE.
 - IF NECESSARY, PROPOSED IMPORTED FILL MATERIAL TO BE USED SEAWARD OF THE CCCL SHALL COMPLY WITH THE SPECIFICATIONS/CRITERIA OF SUBSECTION 628-30.0007, F.A.C.

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Reviewed by: *Allen* Date: November 10, 2022

EARTHWORK PLAN



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AND COASTAL PROTECTION
PB-1426

No:	Revisions:	Date:

CIVIL PLANS FOR:
PROPOSED RESIDENCE
3521 S. OCEAN BLVD
HIGHLAND BEACH, FLORIDA

Project #:	22-074
Issue Date:	08/09/22
Drawn By:	AMW
Chkd By:	AMW
Scale:	As Shown

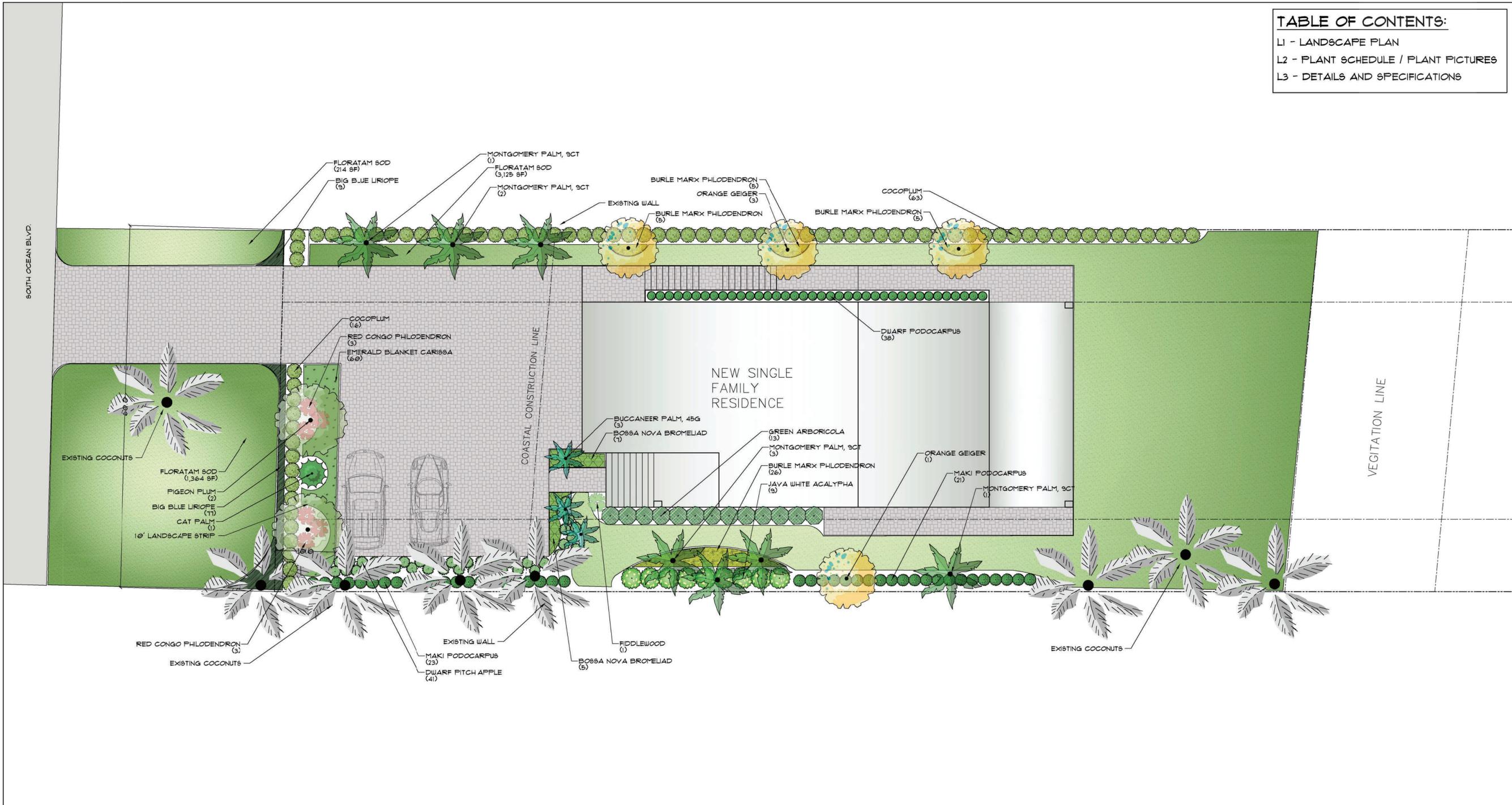
Digitally signed by
Andre M Webster
Date: 2022.08.18
10:28:14
-04'00'

Andre M Webster, P.E.
Florida License # 87358
SHEET TITLE
CUT/FILL PLAN
SHEET NUMBER:
EW-1

TABLE OF CONTENTS:

- L1 - LANDSCAPE PLAN
- L2 - PLANT SCHEDULE / PLANT PICTURES
- L3 - DETAILS AND SPECIFICATIONS

Please note: This landscape plan is a professional interpretation of existing and proposed site elements based on multiple sources of information. These sources may include: property surveys, architectural plans, Google Earth imagery, site observations, photographs and site plans. At times, these supporting documents are inaccurate or approximate or adjustments to the design during installation are necessary. It is the contractor's responsibility to verify all measurements and quantities prior to commencing work.



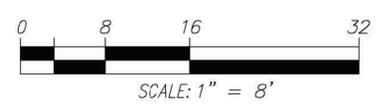
TREES:
LENGTH OF FRONT PROPERTY LINE: 60'
1 TREE REQUIRED FOR EVERY 30': 2 TREES REQUIRED AND SUPPLIED ALONG THE RIGHT OF WAY

SHRUBS:
3' TALL VEGETATION HEDGE REQUIRED AND SUPPLIED ALONG THE RIGHT OF WAY.

GENERAL NOTES:
ALL PLANTS ARE TO BE A MINIMUM GRADE OF FLORIDA #1

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AND COASTAL PROTECTION
PB-1426

Digitally signed
by Michael
Flough
Date: 2021.08.18
09:30:15 -04'00'



Date: 07/27/2021
Design by: MF/PA
Reviewed by: MF
Scale: 1"=8'
Revised: 08/17/2021

PLANT SCHEDULE

TREES	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	NOTES	NOTES
	4	CORDIA SEBESTENA	ORANGE GEIGER	25 GAL	2.5" CAL	8"-9" H X 3"-4" W		
	3	PSEUDOPHOENIX SARGENTII	BUCCANEER PALM, 45G	45 GAL		8' OA HT.		
	1	VEITCHIA MONTGOMERYANA	MONTGOMERY PALM, 3CT	B & B	HEAVY	9' CT HT, FF		
CANOPY TREES	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	SIZE	NOTES	NOTES
	2	COCCOLOBA DIVERSIFOLIA	PIGEON PLUM	B & B	3" CAL	14' OA HT.	NATIVE	REQ. CODE
SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	CONT	SPACING	SIZE	NOTES	NOTES
	9	ACALYPHA WILKESIANA 'JAVA WHITE'	JAVA WHITE ACALYPHA	1 GAL		36" HT., FULL		
	1	CHAMAEDOREA CATARACTARUM	CAT PALM	1 GAL	4' O.C.	4' HT., 3' SPRD.		
	79	CHRYSOBALANUS ICACO 'RED-TIP'	COCOPLUM	1 GAL	30" O.C.	36" HT., FULL	NATIVE	REQ. CODE
	1	CITHAREXYLUM FRUTICOSUM	FIDDLEWOOD	3 GAL	AS SHOWN	24"x18"		
	41	CLUSIA ROSEA 'NANA'	DWARF PITCH APPLE	3 GAL		14"x12"		
	6	PHILODENDRON 'ROJO CONGO'	RED CONGO PHILODENDRON	3 GAL	AS SHOWN	24"x24"		
	44	PODOCARPUS MACROPHYLLUS 'MAKI'	MAKI PODOCARPUS	1 GAL	24" O.C.	36" X 28"		
	38	PODOCARPUS MACROPHYLLUS 'FRINGLES'	DWARF PODOCARPUS	3 GAL	18" O.C.	14" X 14"		
	13	SCHEFFLERA ARBORICOLA	GREEN ARBORICOLA	25 GAL		4' HT., FULL	F,SP	
GROUND COVERS	QTY	BOTANICAL NAME	COMMON NAME	CONT	SPACING	SIZE	NOTES	NOTES
	60	CARISSA MACROCARPA 'EMERALD BLANKET'	EMERALD BLANKET CARISSA	1 GAL	18" O.C.	6"x8"		
	86	LIRIOPE MUSCARI 'BIG BLUE'	BIG BLUE LIRIOPE	1 GAL	12" OC	6"x8"		
	12	NEOREGELIA 'BOSSA NOVA'	BOSSA NOVA BROMELIAD	1 GAL	24" O.C.	SUN GROWN, 12"x12"		
	41	PHILODENDRON X 'BURL MARX'	BURL MARX PHILODENDRON	1 GAL				
OTHER	QTY	BOTANICAL NAME	COMMON NAME	CONT	SPACING	SIZE	NOTES	NOTES
	4,103 SF	STENOTAPHRUM SECUNDATUM 'FLORATAM'	FLORATAM SOD	SOD	TIGHTLY FITTED, STAGGERED JOINTS			



ORANGE GEIGER



PSEUDOPHOENIX SARGENTII BUCCANEER PALM



MONTGOMERY PALM



PIGEON PLUM



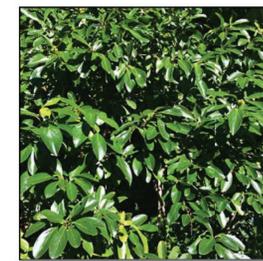
JAVA WHITE



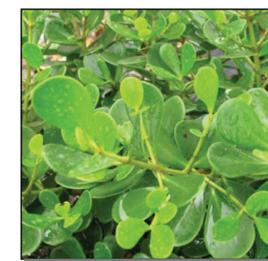
CAT PALM



RED TIP COCOPLUM



FIDDLEWOOD



DWARF CLUSIA



DWARF PODOCARPUS



PODOCARPUS



RED CONGO PHILODENDRON



BURL MARX PHILODENDRON



BOSSA NOVA BROMELIAD



BIG BLUE LIRIOPE



CARISSA EMERALD BLANKET



ARBORICOLA

APPROVED PLAN AS PERMITTED
 BY THE OFFICE OF RESILIENCE AND COASTAL PROTECTION
 FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
 APPROVED CONSTRUCTION AND ANY OTHER AUTHORIZED ACTIVITIES MUST
 COMPLY WITH ALL CONDITIONS OF THE PERMIT. CONSTRUCTION AND
 ACTIVITIES ARE STRICTLY LIMITED TO THOSE BOTH SHOWN ON THE APPROVED
 PLANS AND LISTED IN THE PROJECT DESCRIPTION. THIS PERMIT IS ISSUED
 PURSUANT TO CH. 161, F.S. AND OTHER PERMITS MAY BE REQUIRED.

RECEIVED
August 23, 2022
 OFFICE OF RESILIENCE
 AND COASTAL PROTECTION
PB-1426

Reviewed by  Date November 10, 2022

Sheet
 L2
 Plant Schedule /
 Plant Pictures

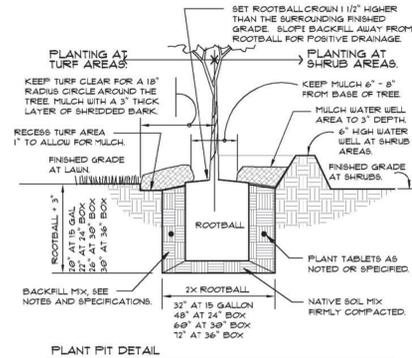
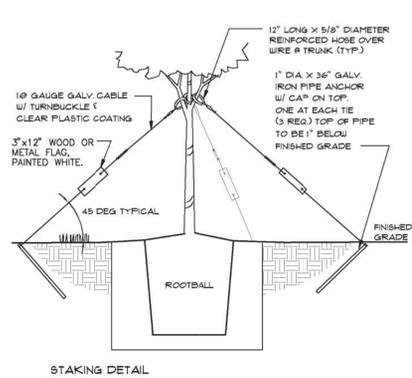
Landscape Plan
NEW RESIDENCE
 3520 S. Ocean Blvd., Highland Beach, FL 33487

Please note:
 This landscape plan is a professional interpretation of existing and proposed site elements based on multiple sources of information. These sources may include: property surveys, architectural plans, Google Earth imagery, site observations, photographs and site plans. At times, these supporting documents are inaccurate or approximate or best and on-site adjustments to the design during installation are necessary. It is the contractor's responsibility to verify all measurements and quantities prior to commencing work.

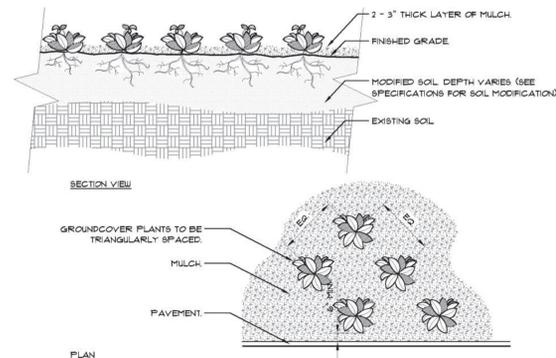
Date: 07/27/2021
 Design by: MF/PA
 Reviewed by: MF
 Scale: 1"=8'
 Revised: 08/17/2021

LANDSCAPE INSTALLATION NOTES:

- THE LANDSCAPE CONTRACTOR SHALL DESIGNATE AN ENGLISH SPEAKING, SKILLED CREW FOREMAN FOR THE PROJECT, WHO WILL BE AVAILABLE AND ACCESSIBLE FOR THE DURATION OF THE LANDSCAPE INSTALLATION.
- ALL SPECIFICATIONS MUST BE SATISFIED. IF THERE IS A PROBLEM LOCATING A MATERIAL WITH GIVEN SPECIFICATIONS, THE CONTRACTOR SHALL CONTACT THE LANDSCAPE ARCHITECT BY EMAIL PRIOR TO INSTALLATION. AT THE DISCRETION OF THE LANDSCAPE ARCHITECT, A SUBSTITUTION MAY BE MADE.
- LANDSCAPE CONTRACTOR IS RESPONSIBLE TO REVIEW AND RECONCILE PLAN WITH LANDSCAPE MATERIALS LIST, AND ANALYZE SITE CONDITIONS AND ACCESS PRIOR TO SUBMITTING A PROPOSAL.
- LANDSCAPE CONTRACTOR MUST PROVIDE EVIDENCE OF WORKMAN'S COMPENSATION AND LIABILITY INSURANCE IN PROPOSAL PACKAGE.
- THE LANDSCAPE CONTRACTOR SHALL COMPLY WITH ALL LOCAL AND STATE LAWS, CODES AND ORDINANCES.
- ALL PLANT MATERIAL FURNISHED BY THE LANDSCAPE CONTRACTOR SHALL BE FLORIDA #1 OR BETTER (GRADES AND STANDARDS FOR NURSERY PLANTS, FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES, LATEST EDITION), UNLESS OTHERWISE NOTED ON THE LANDSCAPE MATERIALS LIST. AS MANY SPECIES TOLERATE BOTH SUNNY AND SHADY GROWING CONDITIONS, THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR ACQUIRING ALL PLANT MATERIAL GROWN IN SIMILAR CONDITIONS TO THE SITE.
- THE LANDSCAPE CONTRACTOR SHALL COMPLETE ALL WORK ACCORDING TO THE FLORIDA GREEN INDUSTRIES BEST MANAGEMENT PRACTICES.
- THE LANDSCAPE CONTRACTOR MUST SPECIFY START AND COMPLETION DATES, IF AWARDED THE PROJECT.
- THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR LOCATING ALL UNDERGROUND UTILITIES PRIOR TO COMMENCING WORK.
- ALL PLANTING AREAS SHALL BE PREPARED BY REMOVING ALL DEBRIS, INCLUDING ASPHALT, CONCRETE, OR SIMILAR MATERIALS NOT SUITED FOR LANDSCAPE PLANTING.
- PLANTING SOIL SHALL BE CLEAN OF ROCKS, STICKS, ROOTS AND WEEDS, AND SHALL BE WELL-DRAINING.
- ALL LANDSCAPED AREAS SHALL BE FINISH GRADED SUCH THAT FINISHED ELEVATION WILL BE FLUSH AND LEVEL WITH SURROUNDING PAVED SURFACES. THE FINISHED GRADE AFTER PLANTING AND MULCHING SHALL NOT IMPED THE FLOW OF DRAINAGE INTO LANDSCAPED AREAS AND TO PREVENT THE BACKWASH OF MULCH AND DEBRIS INTO PAVED AREAS.
- ALL PLANTING BEDS MUST DRAIN SUFFICIENTLY PRIOR TO PLANTING. IF EXISTING SOIL IS NOT ADEQUATE FOR ESTABLISHMENT OF PLANT MATERIALS DUE TO POOR DRAINAGE OR CHEMICAL PROPERTIES, SOIL AMENDMENTS SHALL BE ADDED PRIOR TO PLANTING.
- PLANTS SHALL NOT BE PLACED TOO CLOSE TO ONE ANOTHER OR ANY HARDSCAPES. SEE LANDSCAPE MATERIALS LIST AND PLANTING DETAILS FOR SPACING AND PLACEMENT OF ALL PLANTS. A MULCH STRIP SHALL BE LEFT BETWEEN THE PLANTINGS AND WALLS, EDGE OF SOD, DRIVEWAY OR WALKWAYS. ALL PLANTS SHALL BE PLACED OUTSIDE THE EAVES OF THE ROOF, UNLESS OTHERWISE INDICATED ON THE LANDSCAPE PLAN.
- ALL PLANTS TO BE RELOCATED SHALL BE PROPERLY ROOT PRUNED 6 TO 10 WEEKS PRIOR TO RELOCATION.
- ALL NEW LANDSCAPE PLANTS SHALL BE PLANTED SLIGHTLY HIGHER THAN THE EXISTING GRADE LEAVING TOP OF THE ROOT BALL EXPOSED.
- ALL PLANT MATERIALS SHALL BE THOROUGHLY WATERED IN AT THE TIME OF PLANTING.
- 3" LAYER OF ORGANIC MULCH SHALL BE LAID IN ALL LANDSCAPE BEDS. NO MULCH SHALL BE LAID NEAR TREE TRUNKS. NO MULCH SHALL BE LAID ON TOP OF CITRUS TREE ROOT BALLS.
- NEWLY PLANTED TREES SHALL BE STAKED ONLY IF THE ROOT BALL MOVES IN THE WIND OR THE TREES ARE LOCATED IN AN AREA OF WINDY CONDITIONS. ALL PALMS SHALL BE STAKED. ALL WOOD BRACES AND BRACE FRAMES SHALL BE STAINED DARK BROWN. NO NAILS SHALL BE DRIVEN INTO ANY PALM OR TREE.
- PLANTING PLAN TAKES PRECEDENCE OVER PLANT LIST.
- THE LANDSCAPE BID SHALL INCLUDE IRRIGATION ON A SEPARATE CONTRACT, EXPRESSED AS A LINE-ITEM PROPOSAL.
- ALL LANDSCAPE AREAS SHALL BE IRRIGATED WITH FULLY AUTOMATIC IRRIGATION SYSTEM. THE IRRIGATION CONTRACTOR SHALL PROVIDE 100% COVERAGE IN ALL IRRIGATED PLANTING AREAS. THE IRRIGATION SYSTEM SHALL BE DESIGNED ACCORDING TO ACCEPTED IRRIGATION STANDARDS USING WATER CONSERVATION PRINCIPLES WITH LOW-VOLUME IRRIGATION SYSTEM. THE SYSTEM SHALL ACCOMMODATE EASY ADJUSTMENTS FOR SEASONAL IRRIGATION NEED CHANGES OR LOCAL WATERING RESTRICTIONS.
- ALL SOD AND SHRUB AREAS SHALL BE IRRIGATED ON SEPARATE ZONES, WHENEVER POSSIBLE. PLANTING AREAS WITH DIFFERENT WATERING NEEDS SHALL BE PLACED ON SEPARATE ZONES.
- ALL SHRUB AND GROUND COVER AREAS SHALL BE IRRIGATED WITH DRIP LINE OR MIST HEADS; TREES AND PALMS SHALL HAVE BUBBLERS. ALL HEADS IN A GIVEN ZONE MUST HAVE THE SAME PRECIPITATION RATE.
- SPRAY HEADS SHALL BE PLACED AND ADJUSTED TO MINIMIZE OVER-SPRAY ON PAVED AREAS, ROADWAYS AND CURBING. NO OVER-SPRAY ON BUILDINGS IS ACCEPTABLE.
- THE CONTRACTOR(S) SHALL KEEP ALL WORK AREAS NEAT AND TIDY ON A DAILY BASIS. AT COMPLETION OF THE INSTALLATION, THE CONTRACTOR SHALL REMOVE FROM THE PROPERTY ALL TEMPORARY STRUCTURES AND GARBAGE AT HIS/HER OWN EXPENSE.
- THE CONTRACTOR(S) SHALL KEEP ALL PLANTS WATERED, FERTILIZED, MULCHED, PRUNED, STAKED AND GUYED AS NECESSARY TO ASSURE SPECIFIED MINIMUM GRADE OF FLORIDA #1 THROUGHOUT THE DURATION OF THE PROJECT CONSTRUCTION PERIOD. PLANTING BEDS SHALL BE KEPT FREE OF LITTER AND UNDESIRABLE VEGETATION. THE CONTRACTOR(S) IS RESPONSIBLE FOR KEEPING ALL THE PLANT MATERIAL HEALTHY, VIGOROUS, AND UNDAMAGED THROUGHOUT THE DURATION OF THE PROJECT CONSTRUCTION PERIOD.
- THE FINAL PAYMENT IS MADE UPON COMPLETION OF PROJECT AND EXECUTION OF LIEN RELEASE AFFIDAVIT.
- ALL SHRUBS AND GROUND COVERS SHALL BE WARRANTED FOR 90 DAYS; ALL TREES AND PALMS SHALL BE WARRANTED FOR 1 YEAR FROM THE DATE OF FINAL ACCEPTANCE AND PAYMENT.



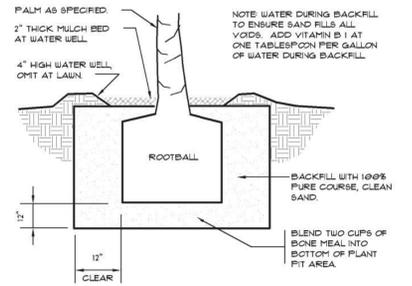
1 TREE GUY WIRE PLANTING
 NOT TO SCALE
 FX-FL-FX-TREE-11



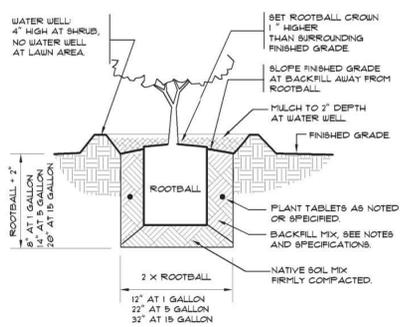
4 GROUND COVER
 NOT TO SCALE
 FX-FL-FX-GROU-01



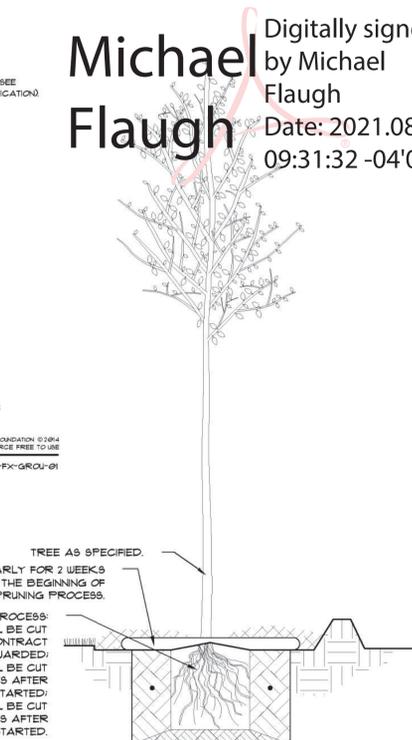
5 TREE RELOCATION
 NOT TO SCALE
 FX-FL-FX-TREE-11



2 PALM TREE PLANTING
 NOT TO SCALE
 FX-FL-FX-TREE-15



3 SHRUB PLANTING
 NOT TO SCALE
 FX-FL-FX-SHRUB-01



5 TREE RELOCATION
 NOT TO SCALE
 FX-FL-FX-TREE-11

LANDSCAPE MAINTENANCE GUIDELINES:

- LAWN CARE:
 - MAINTAIN ST. AUGUSTINE LAWN AT 3" HEIGHT. LEAVE LAWN CLIPPINGS ON THE LAWN.
 - FERTILIZE IN FEBRUARY, MAY AND OCTOBER. APPLY PRE-EMERGENT WEED KILLER IN EARLY SPRING AND FALL.
 - PRACTICE INTEGRATED PEST MANAGEMENT TO IDENTIFY AND TREAT INSECT STRESS, WEED AND FUNGAL PROBLEMS. INSPECT AND CONTROL INSECT DAMAGE ON LAWNS DURING SUMMER MONTHS. FOLLOW LABEL DIRECTIONS FOR ANY INSECTICIDE, HERBICIDE OR FUNGICIDE APPLICATION. REFER TO GROWERS GUIDELINES FOR DETAILED INSTRUCTIONS.
 - 100% OF THE SOD AREAS SHALL BE COVERED BY AN AUTOMATIC IRRIGATION SYSTEM. INSPECT THE IRRIGATION SYSTEM FOR BREAKS AND HEAD ALIGNMENT ROUTINELY.
- MULCH:
 - ALL LANDSCAPE BEDS SHALL BE MULCHED TWICE A YEAR.
 - APPLY 3" LAYER OF MSC CERTIFIED, SHREDDED EUCALYPTUS OR RECYCLED HARDWOOD MULCH.
- FERTILIZING:
 - FERTILIZE WITH A GOOD QUALITY ORGANIC FERTILIZER THREE TIMES A YEAR PER LABEL INSTRUCTIONS STARTING IN MID TO LATE FEBRUARY.
 - YELLOWING LEAVES ARE OFTEN A SIGN OF NUTRITIONAL DEFICIENCY.
 - DO NOT APPLY FERTILIZER BETWEEN JUNE 1 AND SEPTEMBER 30. COMPOST SHALL BE USED IN LIEU OF FERTILIZER DURING THE RAINY SEASON, AS NEEDED.
 - MAINTAIN A FERTILIZER FREE ZONE ALONG THE RIVER TO PREVENT RUN-OFF.
- PEST AND DISEASES:
 - SCOUT FOR PESTS AND DISEASES REGULARLY. ONLY 1% OF ALL INSECTS ARE HARMFUL TO PLANTS.
 - USE INTEGRATED PEST MANAGEMENT PRACTICES. USE PREVENTATIVE CHEMICAL APPLICATIONS ONLY, WHEN DETERMINED NECESSARY BY A PEST MANAGEMENT PROFESSIONAL.
 - CHEMICAL PEST CONTROL SHALL BE USED ONLY WHEN THE DAMAGE IS EXPECTED TO BE SIGNIFICANT.
- WEEDS:
 - WEED CONTROL SHALL BE PREVENTATIVE.
 - HERBICIDE APPLICATIONS MUST BE DONE BY A LICENSED PEST-CONTROL PROFESSIONAL.
- IRRIGATION:
 - PROGRAM THE IRRIGATION SYSTEM TO RUN IN THE EARLY MORNING.
 - NEW PLANTINGS SHOULD BE WATERED DAILY FOR THE FIRST TWO WEEKS, AFTER WHICH THREE TIMES PER WEEK FOR THE FOLLOWING TWO MONTHS.
 - NEW TREES SHALL BE WATERED AT LEAST ONCE A WEEK FOR THE FOLLOWING YEAR AND SHRUBS FOR THE FOLLOWING 6 MONTHS FOR PROPER ESTABLISHMENT.
 - TREES SHOULD RECEIVE 2 - 3 GALLONS OF WATER PER INCH OF TRUNK DIAMETER AT EACH WATERING.
 - AT EACH WATERING, APPLY 1" WATER TO ESTABLISHED PLANTING BED.
 - THE AUTOMATIC IRRIGATION SYSTEM SHALL BE INSPECTED ONCE A MONTH FOR LEAKS, BRAKES AND MISALIGNED HEADS.
 - INCREASE WATERING FREQUENCY DURING TIMES OF HEAVY WINDS AND DROUGHT, TYPICALLY IN THE SPRING. PLEASE NOTE THAT A RAIN SENSOR WILL NOT DETECT THE DRYING EFFECTS OF HEAVY WINDS.
 - REDUCE WATERING FREQUENCY DURING COOL WINTER AND RAINY SUMMER MONTHS. WATER ONLY AS NEEDED AS HEAVY RAINS AND IRRIGATION WILL INCREASE WEEDS. THE IRRIGATION SYSTEM MAY BE TURNED OFF DURING MONTHS OF HEAVY RAIN. A RAIN SENSOR MAY BE USED TO OVERRIDE THE SYSTEM DURING THE RAINY SEASON.
- PRUNING:
 - ALL PRUNING AND TRIMMING TOOLS SHALL BE CLEANED AFTER EACH USE TO PREVENT SPREADING OF DISEASES.
 - REMOVE DEAD FRONDS, DEAD WOOD AND CROSSING BRANCHES ON LARGE SHRUBS, PALMS AND TREES ANY TIME OF THE YEAR.
 - FLOWERING SHRUBS: LATE SUMMER AND FALL FLOWERING SHRUBS, AS WELL AS CONIFERS SHALL BE PRUNED ONCE A YEAR IN MARCH. SPRING BLOOMING SHRUBS SHALL BE PRUNED ONCE A YEAR, AFTER THEIR BLOOMS FADE IN LATE SPRING.
 - SHADE TREES SHALL BE STRUCTURALLY PRUNED ONCE A YEAR IN SPRING BY A CERTIFIED ARBORIST.
 - SHRUBS SHALL BE MAINTAINED FOLLOWING THEIR NATURAL FORM WITH ROUNDED TOP AND WIDER BASE. SMALL-LEAVED (LESS THAN 1" LENGTH) SHRUBS MAY BE SHEARED WITH POWERED HEDGE TRIMMERS. ALL SHRUBS SHALL BE TRIMMED ONE TO THREE TIMES A YEAR TO MAINTAIN DESIRED HEIGHT. ALL OVERGROWN SHRUBS SHALL BE CUT BACK IN MAY AND IN SEPTEMBER.
 - HEDGES SHALL BE PRUNED REGULARLY FROM THE BEGINNING FOR PROPER ESTABLISHMENT. ALL HEDGES MUST BE MAINTAINED WITH NARROWER TOP THAN THE BOTTOM FOR SUNLIGHT TO REACH THE LOWER HALF OF THE PLANT.
 - ORNAMENTAL GRASSES MAY BE CUT BACK ONCE A YEAR IN SUMMER TO REMOVE BROWN LEAVES. CUTTING MAY BE COMPLETED IN FOUR WEEK INTERVALS SO NOT TO HAVE ALL THE ORNAMENTAL GRASSES RECOVERING AT THE SAME TIME.
- DIVIDING PLANTS:
 - BROMELIADS: WHEN THE MOTHER PLANT TURNS BROWN, CAREFULLY PULL UP THE BROMELIAD CLUMP. CUT THE PUPS APART WITH A SHARP KNIFE OR PRUNERS PRESERVING AS MANY OF THE ROOTS AS POSSIBLE. DISCARD THE DYING MOTHER PLANT AND PLANT THE PUPS. THE DEAD MOTHER PLANT MAY ALSO BE TWISTED OFF AT THE BASE, WITHOUT REMOVING THE CLUMP FROM THE GROUND.
 - HERBACEOUS PERENNIALS: THE CLUMPS MAY BE DIVIDED EVERY TWO TO THREE YEARS IN LATE SPRING OR SUMMER. DIG THE ROOT BALL OUT OF THE GROUND AND CAREFULLY DIVIDE THE CLUMP INTO 2-4 SMALLER SECTIONS.
- RELOCATING PLANT MATERIAL:
 - THE BEST TIME TO RELOCATE PLANTS IN THE GARDEN IS FEBRUARY THROUGH APRIL.
 - THE PLANT SHALL BE PROPERLY ROOT-PRUNED BETWEEN 6 AND 10 WEEKS BEFORE RELOCATION.
 - AT THE TIME OF THE RELOCATION, THE ROOT BALL SHALL BE CUT BEYOND THE ROOT PRUNING CUT TO INCLUDE ALL NEW FEEDER ROOTS.
 - WATER RELOCATED PLANTS DAILY FOR THE FIRST TWO WEEKS, AFTER WHICH THREE TIMES PER WEEK FOR THE FOLLOWING TWO MONTHS.
- MAINTAINING SOIL PH:
 - SANDY SOILS ARE NATURALLY ALKALINE, BUT MOST PLANT MATERIALS PREFER SOILS IN NEUTRAL OR ACIDIC RANGE TO THRIVE.
 - ADDING ORGANIC MATTER REGULARLY WILL MAINTAIN A HEALTHY PH LEVEL FOR ALL PLANTS.
 - COMPOST WILL DECREASE THE SOIL PH THROUGH THE DECOMPOSITION PROCESS.
 - ACIDIC ORGANIC MATTER, SUCH AS FINE NEEDLES AND ACID PEAT WILL REDUCE THE PH TEMPORARILY.
 - GRANULAR SULFUR SHOULD ONLY BE USED AS THE LAST RESORT TO LOWER SOIL PH.
- CONTAINER PLANTS:
 - ONLY USE POTTING SOIL OR POTTING MIX IN CONTAINERS.
 - WATER THOROUGHLY. CONTAINER PLANTS NEED MORE WATER THAN THE PLANTS IN THE GROUND. DURING SUMMER MONTHS, HERBS IN CONTAINERS WILL NEED WATERING ONCE DAILY.
- COLD PROTECTION:
 - WATER COLD SENSITIVE PLANTS THOROUGHLY 12 HOURS BEFORE THE FORECASTED COLD FRONT.
 - COVER THE PLANTS AT DUSK WITH BLANKETS OR BREATHABLE COVERS. REMOVE THE COVERS AFTER DAWN.

Digitally signed by Michael Flaugh
 Date: 2021.08.18 09:31:32 -04'00'

STL-A



Wildlife Lighting
Certification Number
2018-029

The STL-A is an energy efficient, compact LED steplight suitable for interior or exterior applications. Its 1-Watt output provides maintenance-free illumination in excess of 50,000 hours, while its compact size and integral driver make for simple wiring and easy installation into standard 2" x 4" junction boxes with #6-32 threads at 3.28" on center. Suitable for wet locations. The STL-A faceplate features 0.070" (1.8mm) thick louvers positioned at a 30° angle with cutoff, preventing glare.

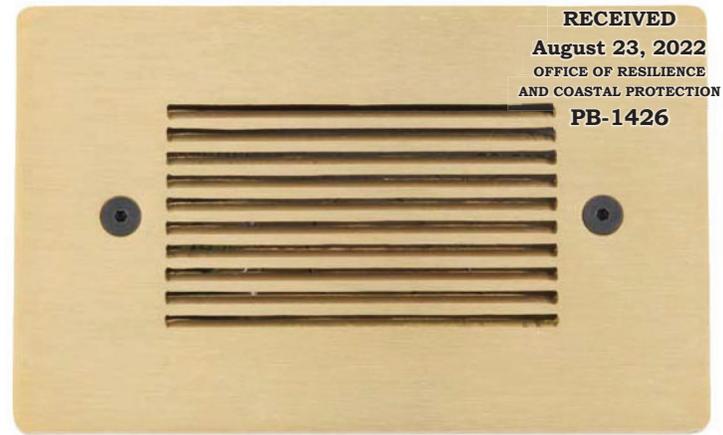
Construction High-impact, weather-resistant polycarbonate LED module. Solid brass faceplate.

Electrical 100-277 Volts, non-dimmable
Module consists of 12 LEDs with integral driver
1 Watt AMBER (1659K)

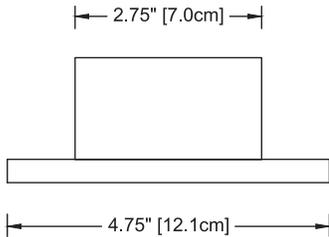
Accessory SGBOX-SS Single-gang stainless steel junction box

Finish Unfinished is standard, no specification required.
FIN-BK Black Acid Finish
FIN-DB Dark Bronze Acid Finish
FIN-NA Nickel Acid Finish
FIN-WH White Powder Coating

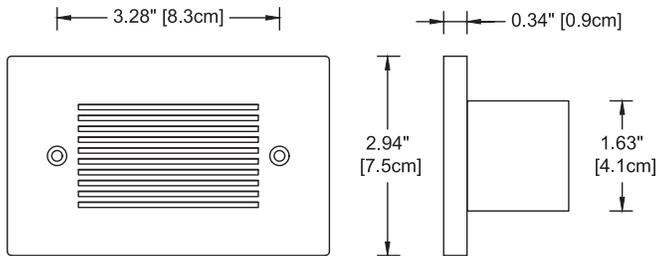
The fixture will weather to a natural patina. The patina process is natural with brass and copper. Rate of patina and eventual color is dependent upon climate and proximity to the ocean. Thus, Beachside does not guarantee any specific appearance.



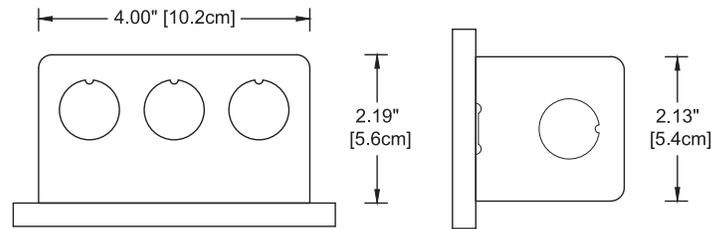
DEPARTMENT OF ENVIRONMENTAL PROTECTION
APPROVED LIGHTING PLAN
This approval is limited to the exterior lights depicted on the stamped plans. This approval does not relieve the applicant of the responsibility to obtain any other approvals or permits which may be required by Federal, State, County or Municipal law.
[Signature] November 10, 2022
 Reviewed by Date



LED module + Faceplate



Mounted on SGBOX-SS accessory



IP65
5 year fixture warranty



Project	By	Date
For ordering purposes, please specify (example: STL-A—SGBOX-SS—FIN-NK)		
STL-A Fixture	Accessory	Finish (if any)

L-016-SQ



Wildlife Lighting
Certification Number
2018-029

The L-016-SQ recessed fixture combines the flexibility of a standard MR16 lamp with the corrosion resistance expected of a Beachside fixture. The gasket on the brass trim securely seals up against the bottom of the recessed, stainless steel can and the frame is powder-coated steel. An internal brass bracket allows 360° rotation and angling up to 28° without an optical accessory (no beam cutoff up to 26° with 36° flood lamp) or 10° with. The L-016-SQ is intended for new construction applications and features an integral **magnetic transformer** (120V primary, 12V secondary). The "-SQ" designation denotes the square trim versus the round trims of the L-016 and L-016-F.

Housing Recessed ceiling fixture for new construction.

Mounting Lamp housing is removable through ceiling aperture for access to junction box. Housing can be lowered and adjusted to ceiling thickness. Dual extension hanger bars span from 15" (38.1 cm) to 25-1/4" (64.1 cm) with reversible placement feature. Bars attach to sides along length or width of mounting frame. Hanger bars may be extended to rest on T-bar grid. For insulated ceilings, maintain a minimum 3" clearance around fixture.

Electrical Magnetic, Class H transformer with Molex disconnect in j-box is fully dimmable with magnetic low voltage dimmers. Transformer has internal thermal protection. J-box has (4) 1/2" K.O.'s and (2) concentric 1/2" x 3/4" K.O.'s with spring latch access plates. Suitable for Wet Location Use.

Lenses Tempered soda lime glass.

CL Clear **FR** Frosted

Lamps MR16 LED • GU5.3

Cree chipset
AMBER (1500K) **5W-A-NFL** 5 Watt 25° narrow flood 83 lm

Cree XPG3 triple-LED light engines

Cree XPG3 triple LED
AMBER (1500K) **7W-A-FL** 7 Watt 66° Beam, 109° Field 61 lm 48 cd
 7W-A-NFL 7 Watt 28° Beam, 49° Field 98 lm 346 cd

Red-Orange (1000K) **10W-RO-NFL** 10 Watt 27° Beam, 43° Field 212 lm 884 cd
 10W-RO-FL 10 Watt 51° Beam, 78° Field 192 lm 254 cd

Accessories (only one available)
 HL-LBTZ Honeycomb louver, 1/8" (3mm) thick, for light engines
 HL-MR16 Lamp-attached honeycomb louver, 1/8" (3mm) thick
 PR-LBTZ Prismatic spread lens for light engines
 PR-MR16 Lamp-attached prismatic spread lens

Finish
 FIN-BK Black Acid Finish
 FIN-DB Dark Bronze Acid Finish
 FIN-NA Nickel Acid Finish
 FIN-WH White Powder Coating

Unfinished is standard; no specification required. The fixture will weather to a natural patina. The patina process is natural with brass and copper. Rate of patina and eventual color is dependent upon climate and proximity to the ocean. Thus, Beachside does not guarantee any specific appearance.

Weight: 7 lbs [3.2 kg]

IP 66
 CSA Listed, file #190030
 10 year fixture warranty
 3 year LED module warranty
 3 year warranty of MR16 LED lamps

DEPARTMENT OF ENVIRONMENTAL PROTECTION
 APPROVED LIGHTING PLAN

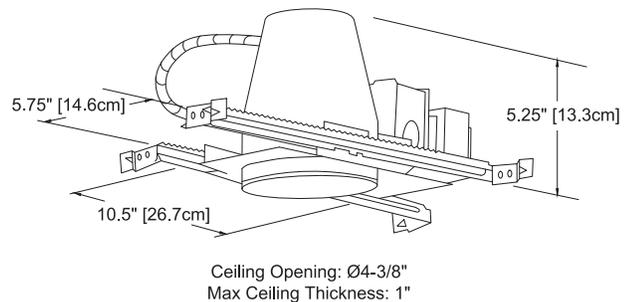
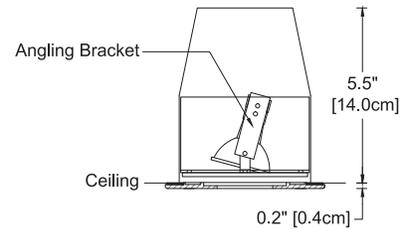
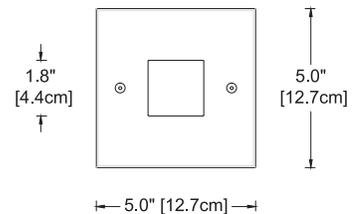
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T. Hillier November 10, 2022

Reviewed by Date



SUITABLE FOR INDOOR USE UP TO 12W LED



Project _____ By _____ Date _____
 For ordering purposes, please specify (example: **L-016-SQ—CL—5W-A-NFL—HL-MR16—FIN-BK**)

L-016-SQ _____
 Fixture _____ Lens _____ Lamp _____ Accessory _____ Finish (if any) _____

L-014-S

The L-014-S is a wall-mounted, brass downlight with multiple canopy options. For outdoor use. 12V also is suitable for specific indoor locations such as atriums and malls where deemed acceptable by the authority having jurisdiction.



**Wildlife Lighting
Certification Number
2018-029**

Construction All brass components; 0.140" [3.6mm] thick brass housings

Lens Tempered soda lime glass

Mounting **Round Canopy** (standard): Brass canopy mounts onto brass crossbar (included). Crossbar fits over 3.0" and 4.0" octagonal / round and single gang rectangular boxes.

Square Canopy (optional): Square brass canopy with same crossbar mounting as standard Round Canopy.

Small Square Canopy (optional): Two-part brass canopy mounts over 3.0-3.5" octagonal / round box only.

12V Lamps

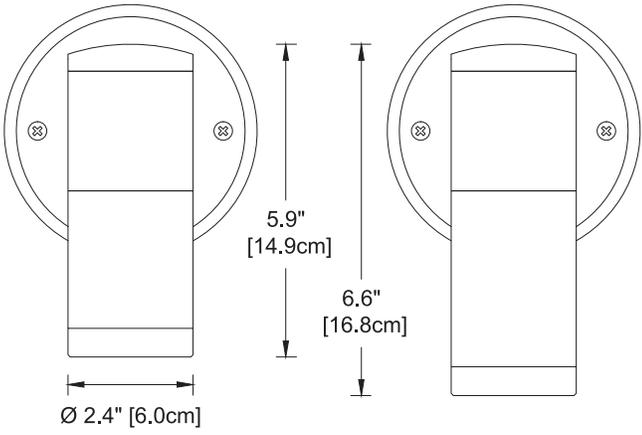
Triple LED light engine • Remote transformer required
 Triac dimmable: MLV >1% typ., ELV >5% typ.
 Note: Fixtures supplied with light engines are 0.7 in. longer than those with MR16 lamps.

7 Watt Cree XPE2	___ 7W-A-SP	10° spot	182 lm
AMBER (1500K)	___ 7W-A-NFL	30° narrow flood	167 lm
590-600 nm	___ 7W-A-FL	60° flood	159 lm
8 Watt Cree XPE2	___ 8W-RO-SP	10° spot	372 lm
RED-ORANGE (1000K)	___ 8W-RO-NFL	30° narrow flood	354 lm
625-635 nm	___ 8W-RO-FL	60° flood	305 lm
GU5.3 MR16 LED	• Remote Transformer Required		
5 Watt Cree chipset	___ 5W-A-NFL	AMBER (1300K)	25° narrow flood 62 lm

L70: 25,000 hours (MR16 LED lamps)

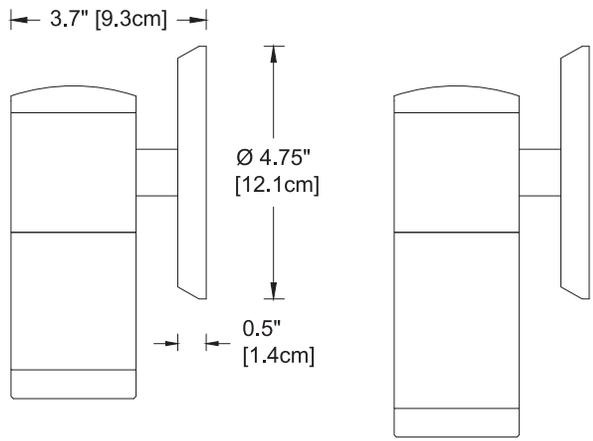


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 AND COASTAL PROTECTION
PB-1426



**L-014-S
with MR16**

**L-014-S with
light engine**



**DEPARTMENT OF ENVIRONMENTAL PROTECTION
 APPROVED LIGHTING PLAN**
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J. Hilton November 10, 2022
 Reviewed by Date



L-014-S

RECEIVED
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 AND COASTAL PROTECTION
 PB-1426

120 / 230V Lamps

GU10 MR16 LED

5 Watt Cree chipset — **5W-A-NFL-120V AMBER** (1300K) 25° narrow flood 62 lm

Mounting Accessories

- **SQ** 4.75" (12.1cm) Square canopy substitution for standard round canopy.
- **SQ-3.5** 3.5" (8.9cm) Small square canopy substitution for standard round canopy. For 3.0-3.5" round or octagonal recessed box with screw spacing at 2.75" on center.

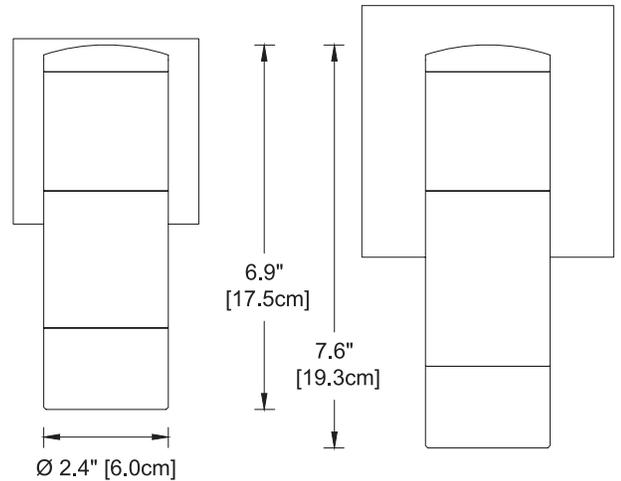
Optical Accessories

- **FR** Frosted lens
- **HL1** Honeycomb louver, 1/8" [3mm] thick
- **HL2** Honeycomb louver, 1/4" [6mm] thick
- **KP** Extended 1" snoot
- **PR** Prismatic spread lens
- **RT** Rectilinear spread lens
- **SL** Solite lens

Finish: Unfinished is standard; no specification required. The fixture will weather to a natural patina. The patina process is natural with brass and copper. Rate of patina and eventual color is dependent upon climate and proximity to the ocean. Thus, Beachside does not guarantee any specific appearance.

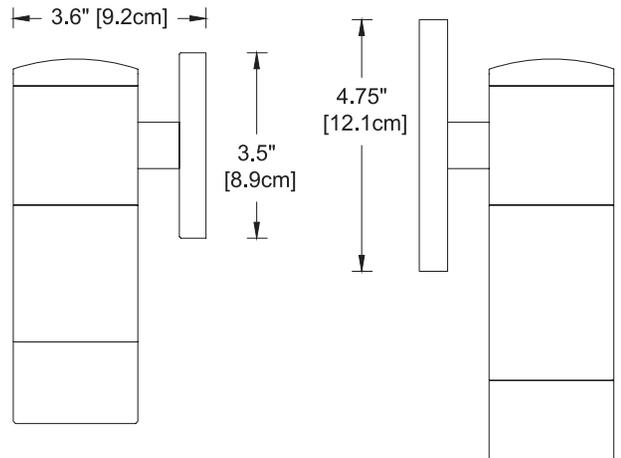


Shown with KP and SQ-3.5 accessories



L-014-S with MR16 and KP & SQ-3.5 accessories

L-014-S with light engine and KP & SQ accessories



DEPARTMENT OF ENVIRONMENTAL PROTECTION APPROVED LIGHTING PLAN

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J. Hilton November 10, 2022
 Reviewed by Date

IP 66
 CSA Listed, file #190030
 10-year fixture warranty
 3-year LED module warranty
 3-year warranty on MR16 LED lamps



Project	By	Date
For ordering purposes, please specify (example: L-014-S—120V—5W-A-NFL-120V—SQ-3.5—FR)		
L-014-S	—	—
Fixture	Voltage	Lamp
—	—	Accessory(ies)