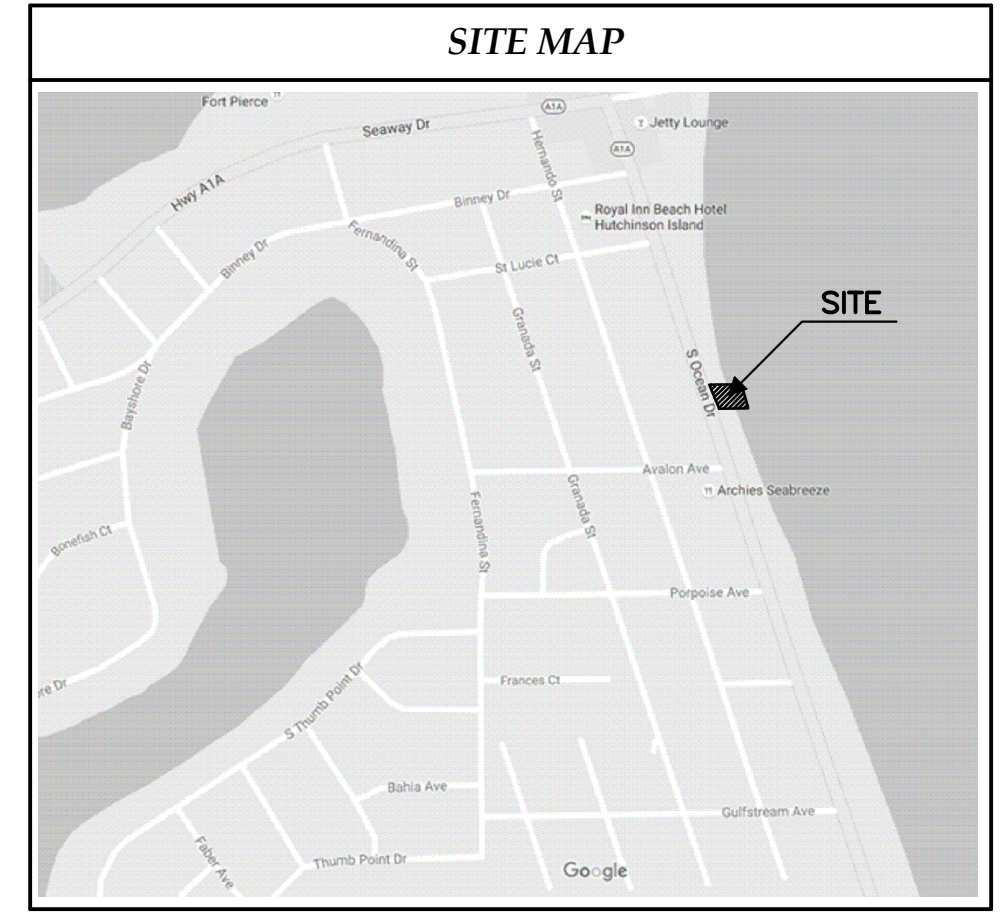
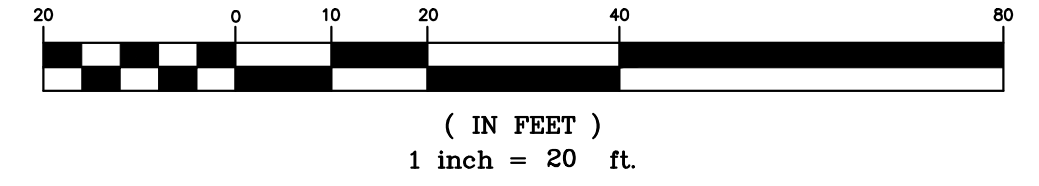


North
GRAPHIC SCALE



PROJECT DATA

OWNER/APPLICANT	PAUL D. MANDEL (TR) & DIANE M. PERKINS (TR) 6801 E CYPRESSHEAD DRIVE PARKLAND, FL 33067	
ENGINEER/AGENT	SCHULKE, BITTLE & STODDARD, L.L.C. 1717 INDIAN RIVER BLVD., SUITE 201 VERO BEACH, FL 32960 (772) 770-9622	
SURVEYOR	ALEXANDER J. PIAZZA PSM, INC 619 SW BILTMORE STREET PORT ST. LUCIE, FL 34983 (772) 340-7770	
SITE ADDRESS	324 SOUTH OCEAN DRIVE ST. LUCIE COUNTY, FLORIDA	
PARCEL ID#	2401-501-0026-000-3	
F.I.R.M. PANEL	12111C0183 J FEBRUARY 16, 2012	
FLOOD ZONES	AE 9', AE 10', VE 11' & VE 13'	
ZONING	R-4A	
LOT SIZE	REQUIRED R-4A	PROPOSED
LOT WIDTH	5,000 SF	8,579 SF
YARD SETBACKS:	60'	55' (MIN)
FRONT (WEST)	25'	24.35*
REAR (EAST)	15'	100.00'
SIDE (NORTH)	6'	6.03'
SIDE (SOUTH)	6'	6.04'
BLDG. HEIGHT	45'	42.08'
*FRONT YARD SETBACK: (SOUTH ADJACENT PROPERTY + 25 FT SETBACK)/2 = 48.69 FT/2 = 24.35 FT		
AREAS:		
BUILDING FOOTPRINT	1,191 SF	
DRIVEWAY/HARDSCAPE	623 SF	
TOTAL IMPERVIOUS AREA	1,814 SF	
CONSTRUCTION SCHEDULE:		
COMMENCE: DECEMBER 2016		
COMPLETE: JANUARY 2017		

AREA CALCS:

LIVING-1ST FLR:	530 S.F.
LIVING-2ND FLR:	1,236 S.F.
LIVING-3RD FLR:	1,236 S.F.
LIVING-4TH FLR:	444 S.F.
TOTAL LIVING:	3,446 S.F.
GARAGE:	658 S.F.
ENTRY PORCH:	98 S.F.
COVERED PORCHES:	394 S.F.
UNCOVERED BALCO:	98 S.F.
ROOF DECK:	1,002 S.F.
TOTAL:	5,696 S.F.

** Calculations per James Gilgenbach
Architecture & Planning

DATE	REVISION	MARK	REASON
11/21/2016 <td>1 <td></td> <td>REVISIONS PER COMMENTS</td> </td>	1 <td></td> <td>REVISIONS PER COMMENTS</td>		REVISIONS PER COMMENTS
12/2/2016 <td>2 <td></td> <td>REVISIONS PER COMMENTS</td> </td>	2 <td></td> <td>REVISIONS PER COMMENTS</td>		REVISIONS PER COMMENTS

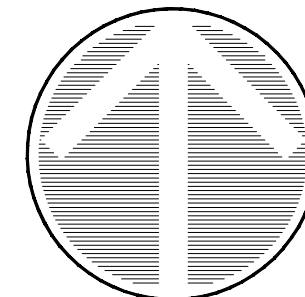
SCHULKE, BITTLE & STODDARD, L.L.C.
 CIVIL & STRUCTURAL ENGINEERING - LAND PLANNING - ENVIRONMENTAL PERMITTING
 CERTIFICATION OF AUTHORIZATION NO.: 00008668
 1717 INDIAN RIVER BLVD., SUITE 201 VERO BEACH, FLORIDA 32960
 TEL 772 / 770-9622 FAX 772 / 770-9496 EMAIL info@sbsengineers.com

OVERALL SITE PLAN

PROPOSED OCEANFRONT RESIDENCE FOR:
 MANDEL RESIDENCE
 324 SOUTH OCEAN DRIVE
 FORT PIERCE, FL

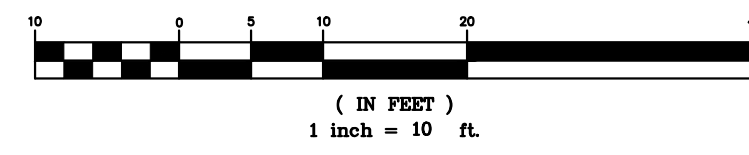
ENGINEER CERTIFICATION
 JOSEPH W. SCHULKE
 FL. REG. NO. 47048
 JOHNN B. BITTLE
 FL. REG. NO. 57396
 WILLIAM P. STODDARD
 FL. REG. NO. 57665

DATE:
 SHEET
C1
 PROJECT NO.
 16-092



North

GRAPHIC SCALE



SLC COASTAL CONSTRUCTION CONTROL LINE (PB 26, PG 26A-26I) SEPTEMBER 15, 1988

MARK	REVISION	DATE
1	REVISIONS PER COMMENTS	11/21/2016
2	REVISIONS PER COMMENTS	12/2/2016

DRAWING	DESIGNED	CHECKED	SCALE	DATE
1802521E	W.P.S.	W.P.S.	1"=10'	10/24/2016
1	K.M.B.	W.P.S.	1"=10'	

SCHULKE, BITTLE & STODDARD, L.L.C.
 CIVIL & STRUCTURAL ENGINEERING - LAND PLANNING - ENVIRONMENTAL PERMITTING
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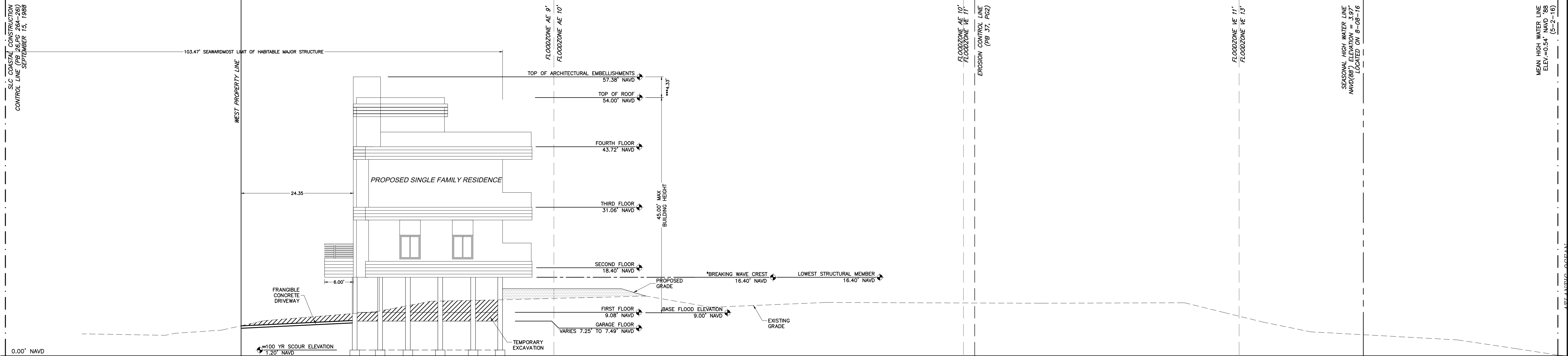
SITE PLAN

PROPOSED OCEANFRONT RESIDENCE FOR:
 MANDEL RESIDENCE
 324 SOUTH OCEAN DRIVE
 FORT PIERCE, FL

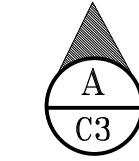
ENGINEER CERTIFICATION
 JOSEPH W. SCHULKE
 FL. REG. NO. 47048
 JODAN B. BITTLE
 FL. REG. NO. 57396
 WILLIAM P. STODDARD
 FL. REG. NO. 57605

DATE:
 SHEET
C2
 PROJECT NO.
 16-092

SIC COASTAL CONSTRUCTION CONTROL LINE (PB 26/PG 284-288) SEPTEMBER 15, 1988



FILES SHOWN ARE FOR INFORMATIONAL PURPOSES ONLY. SEE STRUCTURAL DRAWINGS FOR FILE LAYOUT.



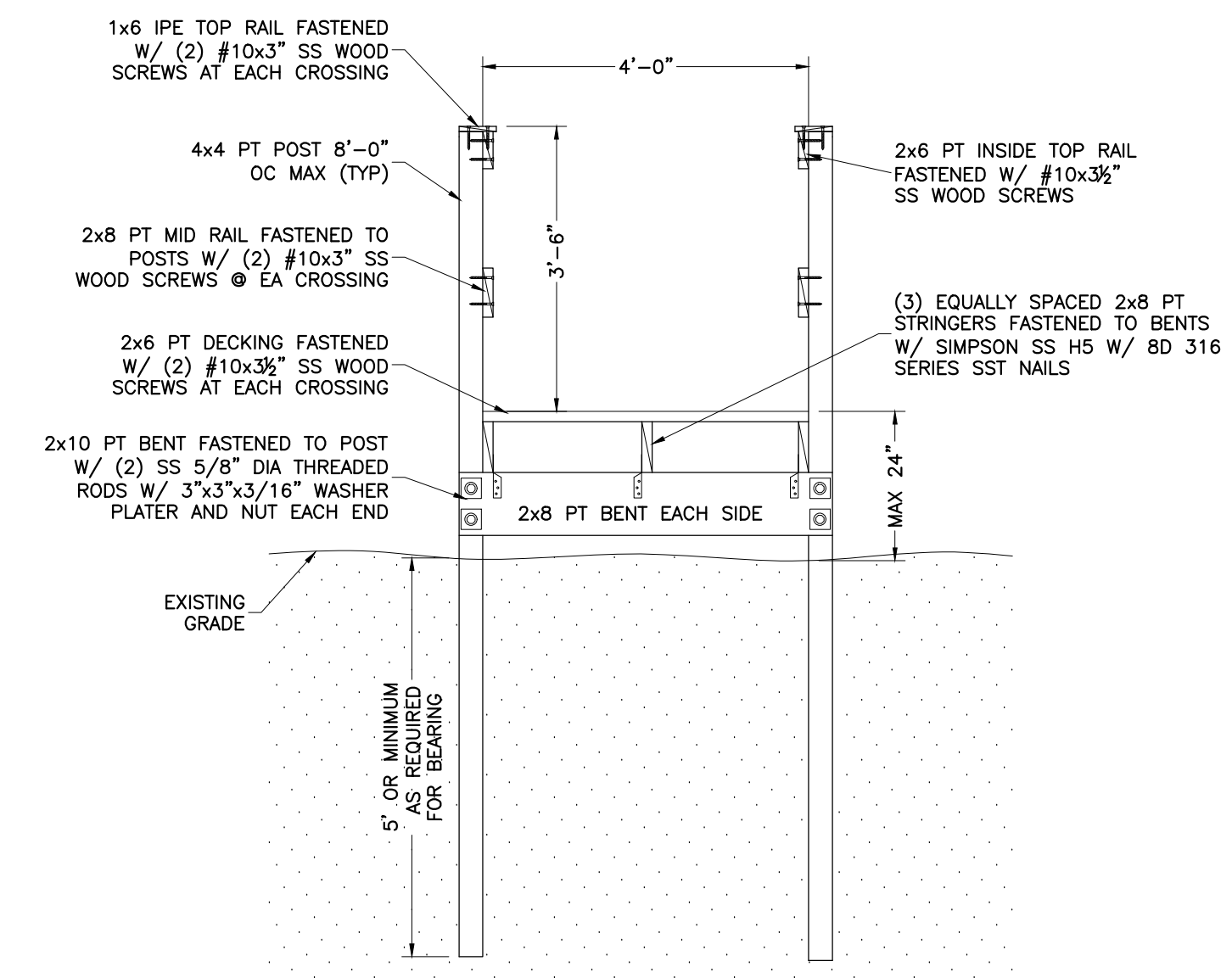
EAST-WEST SECTION

SCALE 1"=10'

*BREAKING WAVE CREST ELEVATION DETERMINED BY REPORT TITLED "100 YEAR STORM AND DESIGN GRADE ELEVATIONS FOR FLORIDA COASTAL COUNTIES" SPONSORED BY OFFICE OF BEACHES AND COASTAL SYSTEMS, DEPARTMENT OF ENVIRONMENTAL PROTECTION, DATED OCTOBER 1999
 R-MONUMENT 35
 CONVERSION FROM NGVD TO NAVD = -1.50 FT
 BREAKING WAVE CREST ELEVATION 17.90 NGVD = 16.40 NAVD
 **SCOUR ELEVATION 2.70 NGVD = 1.20 NAVD
 ***ARCHITECTURAL EMBELLISHMENTS ALLOWED: 20% OF BUILDING HEIGHT
 52.08 FT X 20% = 8.416 FT
 PROPOSED: 4.33 FT

LEGEND

- FILL SEAWARD OF C.C.C.L.
- EXCAVATION SEAWARD OF C.C.C.L.



DUNE CROSSOVER SECTION

SCALE 1/2"=1'-0"

REVISION	MARK	REASON	DATE
1		REVISIONS PER COMMENTS	11/21/2016
2		REVISIONS PER COMMENTS	12/2/2016

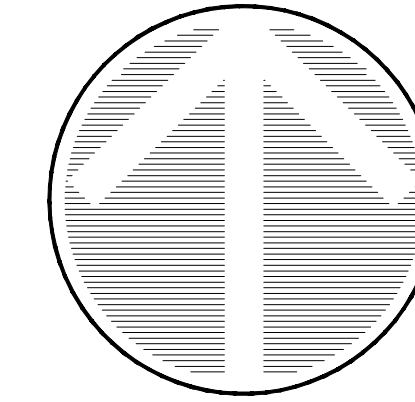
SCHULKE, BITTLE & STODDARD, L.L.C.
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CROSS SECTIONS

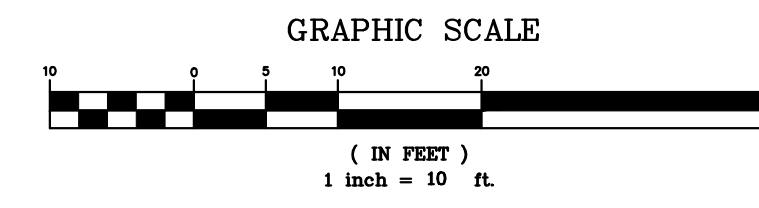
PROPOSED OCEANFRONT RESIDENCE FOR:
 MANDEL RESIDENCE
 324 SOUTH OCEAN DRIVE
 FORT PIERCE, FL

ENGINEER CERTIFICATION
 JOSEPH W. SCHULKE
 FL. REG. NO. 47048
 JOHNN B. BITTLE
 FL. REG. NO. 57396
 WILLIAM P. STODDARD
 FL. REG. NO. 57665

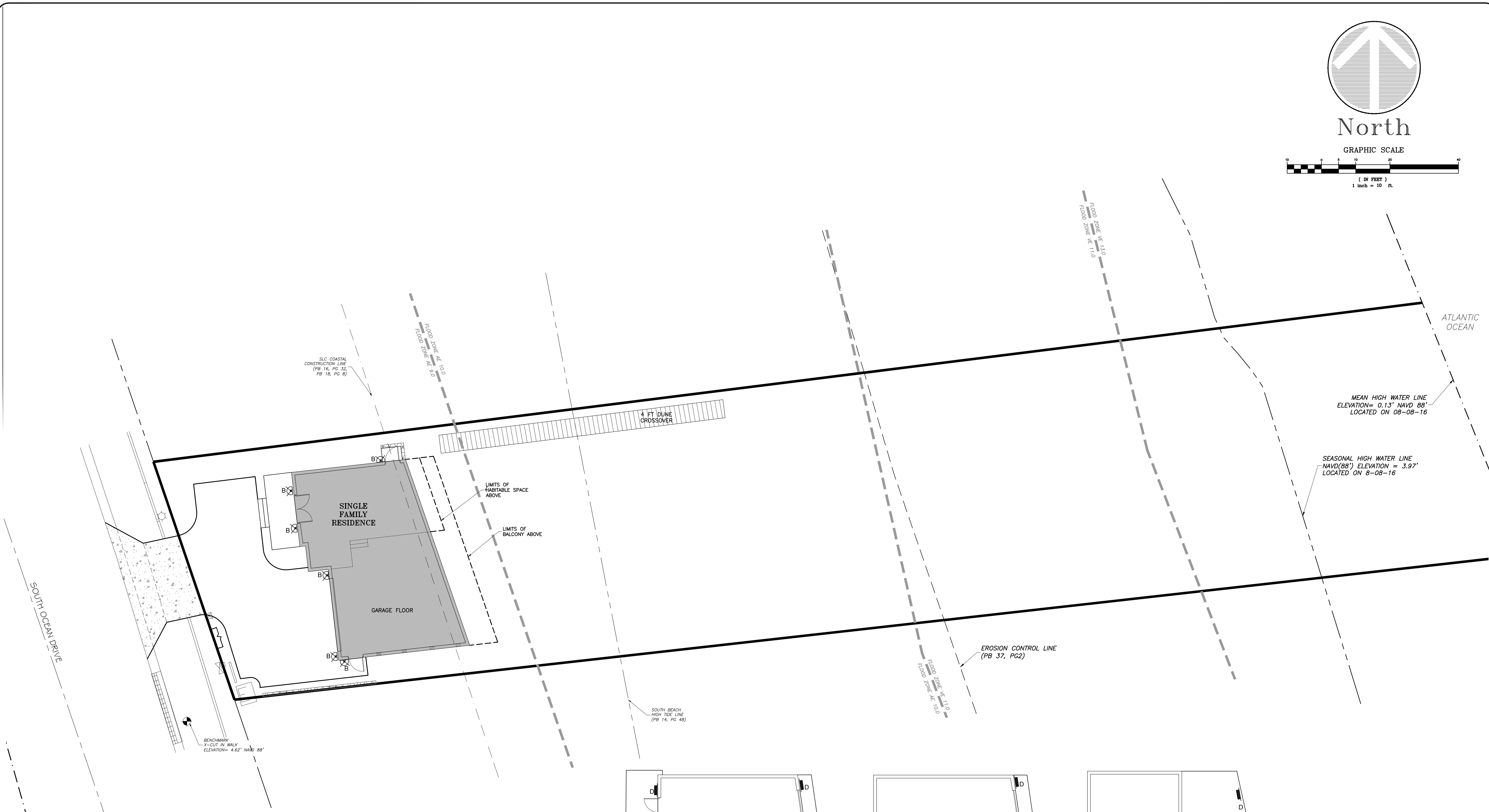
DATE:
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C3
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 16-092



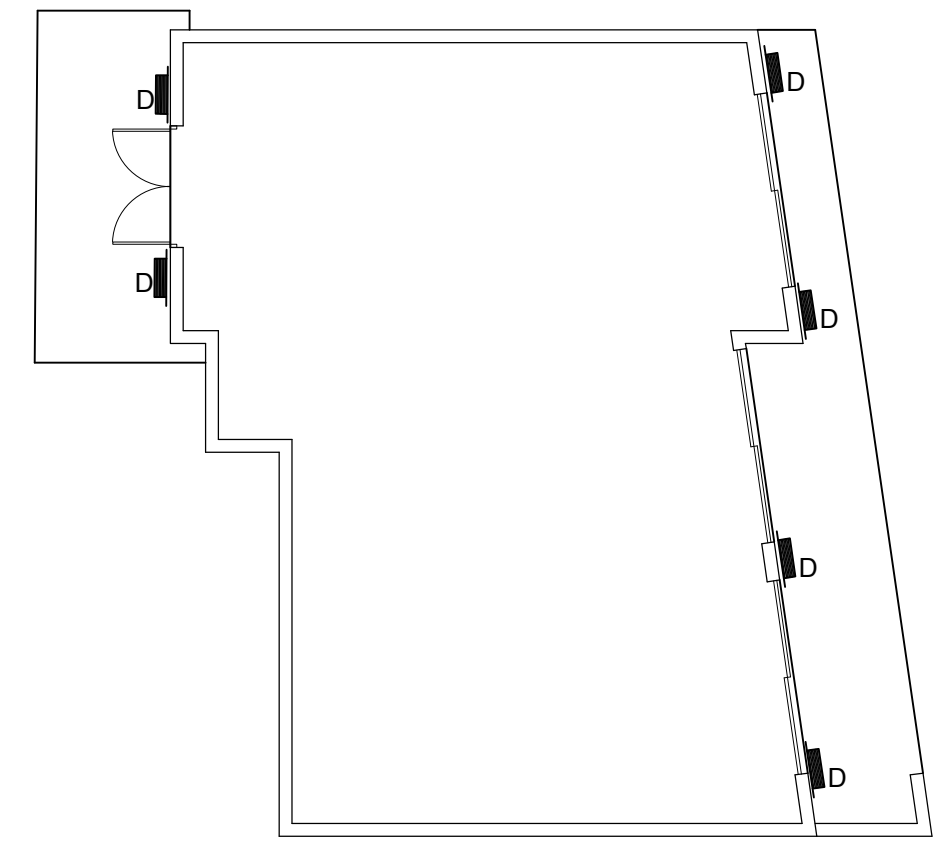
North



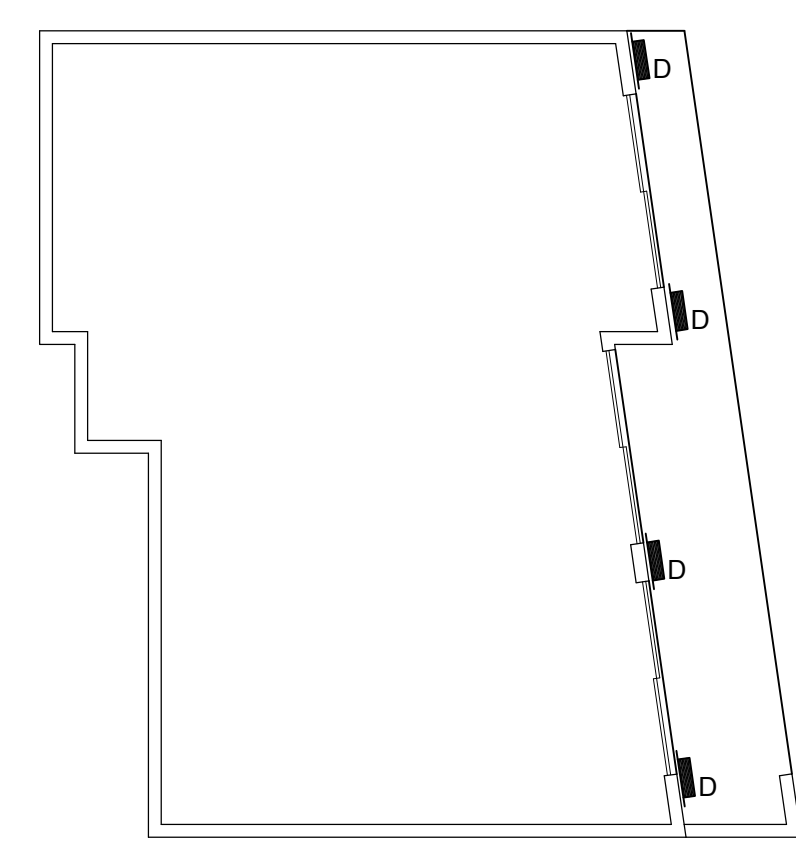
REVISION	MARK	REASON	DATE
1		DESIGNED W.P.S.	11/21/2016
2		CHECKED W.P.S.	12/2/2016
		SCALE	1"=10'
		DATE	10/24/2016



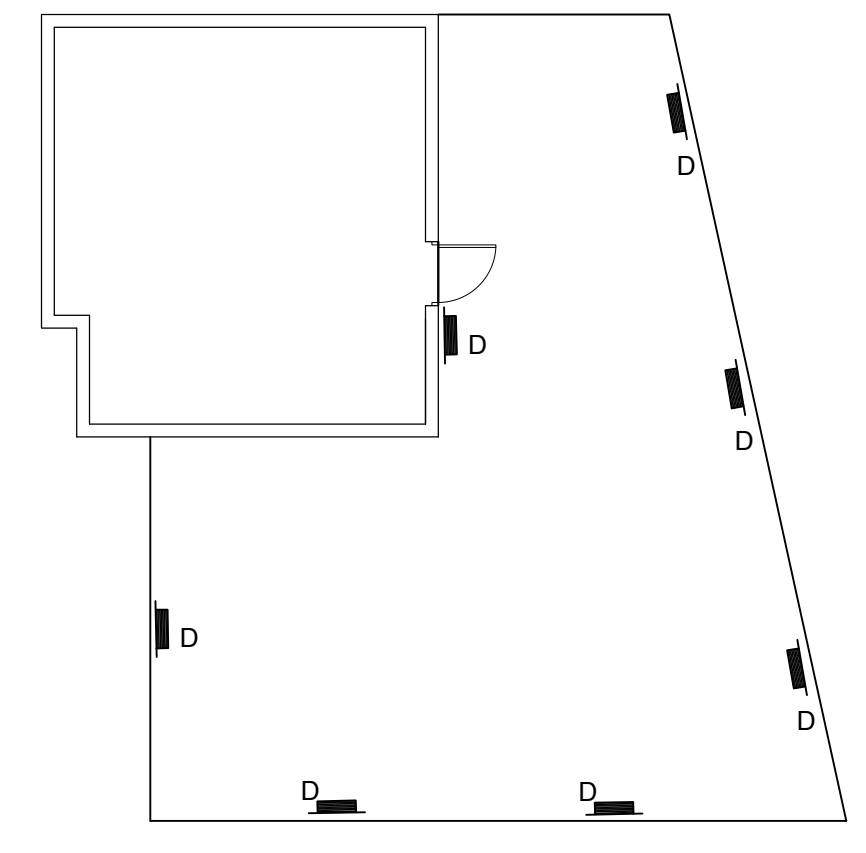
LIGHTING KEY						
FIXTURE LABEL	FIXTURE TYPE	MANUFACTURER & CATALOG NO.	FIXTURE QUANTITY	LAMP TYPE & WATTAGE	MOUNTING TYPE & HEIGHT	LOCATION OF FIXTURE
⊗B	WALL SCENCE DOWN LIGHT	PORTFOLIO H8605 CYLINDER FIXTURE	6	2W H12 LED AMBER	WALL MOUNT MAX 6'-0" ABOVE FLOOR	(4) LANDWARD (2) SHORE PERPENDICULAR
D	STEP LIGHT	INTRIQUE LIGHTING SG-R-LED-HSL-AML	17	3W LED AMBER	WALL/STEP MOUNT 6" AFF MAX MAY NEED FIELD ADJUSTMENT & ADDITIONAL SHIELDING	(2) LANDWARD (15) BEACHSIDE (6) SECOND FLOOR (4) THIRD FLOOR (7) ROOF LEVEL



SECOND FLOOR LIGHTING



THIRD FLOOR LIGHTING



FOURTH FLOOR/ROOF LEVEL LIGHTING

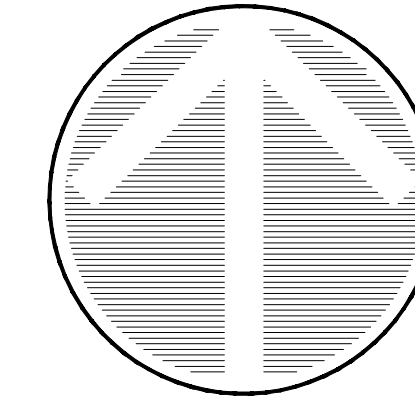
SLC COASTAL CONSTRUCTION CONTROL LINE (PB 26, PG 26A-26I) SEPTEMBER 15, 1988

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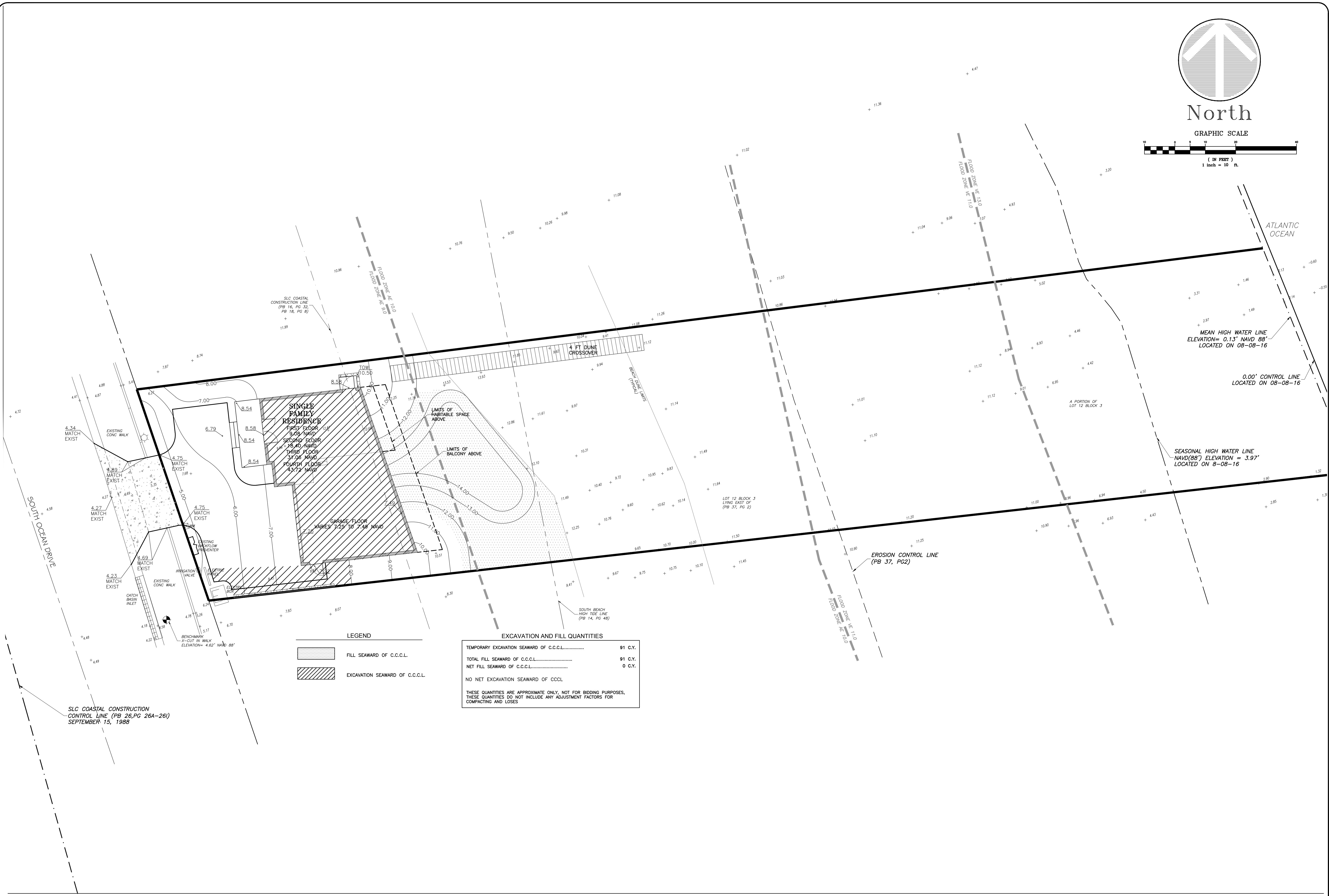
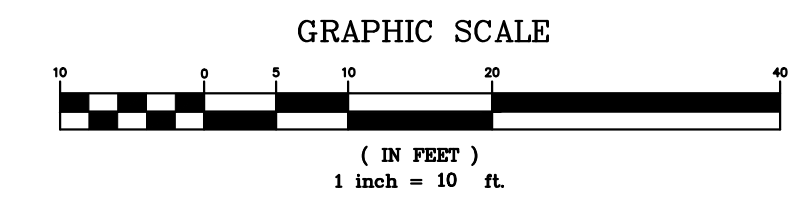
LIGHTING PLAN

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 FORT PIERCE, FL

ENGINEER CERTIFICATION
 JOSEPH W. SCHULKE
 FL. REG. NO. 47048
 JODAN B. BITTLE
 FL. REG. NO. 57396
 WILLIAM P. STODDARD
 FL. REG. NO. 57605



North



LEGEND

	FILL SEAWARD OF C.C.C.L.
	EXCAVATION SEAWARD OF C.C.C.L.

EXCAVATION AND FILL QUANTITIES

TEMPORARY EXCAVATION SEAWARD OF C.C.C.L.	91 C.Y.
TOTAL FILL SEAWARD OF C.C.C.L.	91 C.Y.
NET FILL SEAWARD OF C.C.C.L.	0 C.Y.
NO NET EXCAVATION SEAWARD OF CCCL	

THESE QUANTITIES ARE APPROXIMATE ONLY. NOT FOR BIDDING PURPOSES. THESE QUANTITIES DO NOT INCLUDE ANY ADJUSTMENT FACTORS FOR COMPACTING AND LOSSES

SLC COASTAL CONSTRUCTION CONTROL LINE (PB 26, PG 26A-26I) SEPTEMBER 15, 1988

REVISION	MARK	DATE
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TEMPORARY EXCAVATION & FILL

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