SITE IMPROVEMENT PLAN

HIDEAWAY BEACH ASSOCIATION, HIDEAWAY BEACH CLUB CLUBHOUSE RENOVATIONS

250 SOUTH BEACH DRIVE, MARCO ISLAND, FLORIDA

PARCEL NO.: 766800 1.17807 SUBDIVISION: HIDEAWAY BEACH

OWNER: HIDEAWAY BEACH ASSOC. 250 SOUTH BEACH DR. MARCO ISLAND, FL 34145

ENGINEERS: MARTIN D. PINCKNEY, P.E.

AMERICAN ENGINEERING CONSULTANTS

OF MARCO ISLAND, INC. 573 BALD EAGLE DR. MARCO ISLAND, FL 34145 PHONE: (239) 394-1697



VICINITY MAP

NOT TO SCALE

LEGAL DESCRIPTION:

HIDEAWAY BEACH, A PART OF OPEN SPACE OR BEACH CLUB PARCEL AS RECORDED IN PLAT BOOK 12, PAGE 85 OF THE PUBLIC RECORDS OF COLLIER COUNTY, FL

DRAWING SHEET INDEX

PG.	SHEET	SHEET TITLE
1		COVER PAGE AND VICINITY MAP
2	C1	GENERAL NOTES AND LEGEND
3	C2	PROJECT SCOPE SITE LOCATION PLAN
4	C3	BUILDING MODIFICATION SITE PLAN

AMERICAN ENGINEERING CONSULTANTS

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573 BALD EAGLE DRIVE

MARCO ISLAND, FL.

(239) 394 - 1697

www.AEC-Ml.com

MARCH 2019

CONSTRUCTION NOTES

- 1. A PRE-CONSTRUCTION MEETING MUST BE HELD WITH UTILITIES OF MARCO ISLAND STAFF, ENGINEER, AND CONTRACTOR PRIOR TO COMMENCEMENT OF ANY
- 2. SUBSTITUTIONS AND DEVIATIONS SHALL BE PERMITTED ONLY WHEN WRITTEN APPROVAL HAS BEEN RECEIVED FROM THE ARCHITECT AND/OR ENGINEER AND OWNER.
- 3. SHOP DRAWINGS OF ALL MATERIALS BEING USED SHALL BE SUBMITTED TO THE ENGINEER AND OWNER PRIOR TO INSTALLATION.
- 4. CONSTRUCTION INSPECTION IS REQUIRED AND WILL BE PROVIDED BY THE AHJ. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND OWNER AT LEAST 48 HOURS BEFORE EACH REQUIRED INSPECTION OF ALL PHASES OF THE WORK.
- 5. CONTRACTOR MUST NOTIFY THE CITY OF MARCO ISLAND PUBLIC WORKS DEPARTMENT AND/OR MARCO ISLAND UTILITIES, AS APPLICABLE, 72 HOURS PRIOR TO CONNECTING INTO ANY EXISTING STRUCTURES OR PERFORMING ANY TESTS.
- 6. THE CONTRACTOR SHALL MAINTAIN A CURRENT SET OF CONSTRUCTION PLANS ON THE JOB SITE DURING ALL PHASES OF CONSTRUCTION.
- 7. THE LOCATION(S) OF THE UTILITIES AND PIPING SHOWN IN THE PLANS ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE CONTRACTOR SHALL LOCATE AND EXPOSE ALL EXISTING UTILITIES TO BE CONNECTED SUFFICIENTLY AHEAD OF CONSTRUCTION TO ALLOW REDESIGN BY THE ENGINEER OF RECORD, IF SUCH UTILITIES ARE FOUND TO BE DIFFERENT THAN SHOWN ON THE PLANS.
- 8. THE CONTRACTOR SHALL NOTIFY UTILITY OWNERS OF ANY EXCAVATION OR DEMOLITION ACTIVITY THROUGH SUNSHINE ONE-CALL OF FLORIDA INC. (1-800-432-4770) AND SHALL ALSO NOTIFY THOSE UTILITY OWNERS/AGENCIES LISTED WITHIN OR IMPACTED BY THESE PLANS. NOT LESS THAN THREE (3) FULL BUSINESS DAYS IN ADVANCE OF THE BEGINNING OF CONSTRUCTION ON THE JOB SITE.
- 9. UTILITY AGENCIES / OWNERS:

MARCO ISLAND UTILITIES

TECO-PEOPLE GAS

SUMMIT BROADBAND

TELEPHONE NUMBERS CONTACT PERSON EMAIL LEE COUNTY ELECTRIC 1-239-656-2414 TOM BAILEY TOM.BAILEY@LCEC.NET

COOPERATIVE INC. FLORIDA POWER & LIGHT 1-239-353-6046 ANDY WHITLEY COMPANY (DISTRIBUTION) CENTURYLINK COMCAST CABLE COMMUNICATIONS, INC. 1-239-707-3998 MARK COOK

1-239-263-6216 TONY ZAWACKY

- ANTHONY.H.ZAWACKY@CENTRYLINK.COM MARK_COOK@CABLE.COMCAST.COM 1-239-389-5187 BART BRADSHAW BBRADSHAW@CITYOFMARCOISLAND.COM 1-239-896-0812 MARILYN ALOI MDALOI@TECOENERGY.COM 1-239-404-8289 DEAN HUDDLESTUN DHUDDLESTUN@SUMMIT-BROADBAND.COM
- 10. CONTRACTOR'S ATTENTION IS DIRECTED TO THE EXISTENCE OF OVERHEAD ELECTRICAL LINES WHICH MAY INTERFERE WITH NORMAL CONSTRUCTION PRACTICES
- 11. ALL CONDUITS NECESSARY FOR ELECTRIC, CABLE TELEVISION, TELEPHONE, IRRIGATION, STREET LIGHTING, ETC., SHALL BE INSTALLED PRIOR TO PAVEMENT
- 12. ALL ELEVATIONS REFER TO NORTH AMERICAN VERTICAL DATUM, 1988.
- 14. CONTRACTOR SHALL PROTECT ALL PERMANENT REFERENCE MONUMENTS AND TAKE ALL PRECAUTIONS NECESSARY TO AVOID DISTURBING SURVEY MARKERS. 15. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE OF TRAFFIC. PROVIDE STEEL PLATES FOR TEMPORARY TRAFFIC COVERS OVER EXCAVATIONS.
- A. THE CONTRACTOR SHALL PROTECT ALL UTILITIES AND OTHER IMPROVEMENTS SHOWN ON THESE PLANS AND ALL OTHER UTILITIES AND OTHER IMPROVE-MENTS NOT SHOWN. THE CONTRACTOR SHALL ASSUME ALL RESPONSIBILITY FOR REPAIRS OF UTILITIES AND OTHER IMPROVEMENTS DAMAGED DURING CONSTRUCTION AND SHALL MAINTAIN SUFFICIENT PROTECTION TO ALL UTILITIES REQUIRED TO PROTECT THEM FROM DAMAGE AND TO PROTECT THE PUBLIC DURING CONSTRUCTION.
- B. WATER SPRINKLING AND OTHER SUITABLE METHODS SHALL BE USED FOR DUST SUPPRESSION. WATER SHALL NOT BE USED WHEN IT CREATES HAZARDOUS OR OBJECTIONABLE CONDITIONS SUCH AS FLOODING, EROSION, SEDIMENTATION,
- C. COMPLETELY REMOVE PAVEMENT, SIDEWALKS, CURBS, AND GUTTERS DESIGNATED TO BE REMOVED. REMOVE PAVEMENT, SIDEWALKS, CURBS, AND GUTTERS BY METHODS THAT WILL ASSURE CLEAN UNIFORM BREAKS AT PAVEMENT. SIDEWALKS, CURBS, AND GUTTERS NOT REMOVED ARE ALONG STRAIGHT LINES.

 LEAVE FACES OF REMAINING PAVEMENT, SIDEWALK, CURB, AND GUTTER SURFACES APPROXIMATELY VERTICAL.
- D. DEMOLITION AND REMOVAL OF DEBRIS SHALL BE CONDUCTED TO ENSURE MINIMUM INTERFERENCE WITH ROADS, STREETS, WALKS, AND OTHER ADJACENT OCCUPIED OR USED FACILITIES WHICH SHALL NOT BE CLOSED OR OBSTRUCTED EXCEPT IN ACCORDANCE WITH THE WORK ZONE TRAFFIC CONTROL PLAN, OR WITH PERMISSION FROM THE CITY OF MARCO ISLAND. ALTERNATE ROUTES SHALL BE PROVIDED AROUND CLOSED OR OBSTRUCTED TRAFFIC WAYS. SITE DEBRIS, RUBBISH, AND OTHER MATERIALS RESULTING FROM DEMOLITION OPERATIONS SHALL BE REMOVED AND DISPOSED OF IN COMPLIANCE WITH ALL LAWS AND REGULATIONS. BURNING OF REMOVED MATERIALS FROM DEMOLISHED STRUCTURES SHALL NOT BE PERMITTED.
- E. THE CONTRACTOR SHALL PROVIDE PATCHING, REPLACING, REPAIRING, AND REFINISHING OF DAMAGED AREAS INVOLVED IN DEMOLITION AS NECESSARY TO MATCH THE EXISTING ADJACENT SURFACES. THE CONTRACTOR SHALL REPAIR ALL DAMAGES CAUSED TO ADJACENT FACILITIES BY DEMOLITION AT NO ADDITIONAL COST TO THE CITY OF MARCO ISLAND. AFTER PATCHING AND REPAIRING HAS BEEN COMPLETED, THE CONTRACTOR SHALL CAREFULLY CLEAN ADJOINING WORK AND REPAIR ANY DAMAGE CAUSED BY SUCH CLEANING OPERATIONS.
- F. DURING AND UPON COMPLETION OF WORK, THE CONTRACTOR SHALL PROMPTLY REMOVE UNUSED TOOLS AND EQUIPMENT, SURPLUS MATERIALS, RUBBISH, DEBRIS, AND DUST AND SHALL LEAVE AREAS AFFECTED BY WORK IN A CLEAN CONDITION. CLEAN ADJACENT STRUCTURES AND FACILITIES OF DUST, DIRT, AND DEBRIS CAUSED BY DEMOLITION AND RETURN ADJACENT AREAS TO CONDITION EXISTING PRIOR TO START OF WORK. THE CONTRACTOR SHALL CLEAN AND SWEEP THE AFFECTED PORTIONS OF ROADS, STREETS, SIDEWALKS
- G. COORDINATE UTILITY RELOCATIONS WITH AFFECTED UTILITY COMPANIES. PROVIDE AT LEAST 72 HOURS NOTICE.

AND PASSAGEWAYS DAILY

H. SILT BARRIERS SHALL BE INSTALLED ONLY IN LOCATIONS AND FOR DURATION NECESSARY ACCORDING TO STAGING OF DEMOLITION AND/OR CONSTRUCTION. SILT BARRIERS SHALL BE MAINTAINED IN A FUNCTIONAL CONDITION FOR THE DURATION OF THEIR USE.

- A. EARTHWORK SHALL INCLUDE THE LOOSENING, REMOVING, LOADING, TRANSPORTING, DEPOSITING, AND COMPACTING IN ITS FINAL LOCATION OF ALL MATERIALS WET AND DRY, AS REQUIRED FOR THE PURPOSES OF COMPLETING THE WORK, AND SHALL CONFORM TO APPLICABLE REQUIREMENTS OF THE FDOT, SECTION 120.
- B. SOIL TESTING: ALL SOILS TESTING SHALL BE DONE IN ACCORDANCE WITH FDOT, SECTION 120-10, AND BY A TESTING LABORATORY OF THE OWNER'S CHOICE AT THE CONTRACTOR'S EXPENSE.
- C. COMPACTION TESTS: IN CASE THE TESTS OF THE FILL OR BACKFILL SHOW NON-COMPLIANCE WITH THE REQUIRED DENSITY, THE CONTRACTOR SHALL ACCOMPLISH SUCH REMEDY AS MAY BE REQUIRED TO INSURE COMPLIANCE. SUBSEQUENT TESTING TO SHOW COMPLIANCE SHALL BE BY A TESTING LABORATORY SELECTED BY THE OWNER AND SHALL BE AT THE CONTRACTOR'S
- D. FILL AND BACKFILL MATERIAL SHALL CONSIST OF SELECT MATERIAL OBTAINED FROM ONSITE REGRADING, OWNER'S STOCKPILE 10 MILES OFFSITE, IMPORTED MATERIAL, OR GRANULAR BEDDING MATERIAL. THE CONTRACTOR SHALL IMPORT AT HIS EXPENSE MATERIALS IN EXCESS OF THE APPROVED MATERIAL OBTAINED FROM ONSITE SOURCES OWNER'S STOCKPILE 10 MILES OFFSITE AS REQUIRED TO COMPLETE THE FILL, BACKFILL, AND GRADING WORK AS INDICATED.
- E. SELECT MATERIAL: SELECT MATERIAL SHALL CONSIST OF PRIMARILY GRANULAR MATERIAL WHICH IS FREE OF VEGETATION, ORGANIC MATTER, DEBRIS, ROCKS LARGER THAN 4 INCHES IN DIAMETER AND OTHER UNSUITABLE MATERIAL.
- F. IMPORTED MATERIAL: IMPORTED MATERIAL SHALL CONFORM TO THE SAME SPECIFICATIONS AS SELECT MATERIAL DEFINED ABOVE EXCEPT THAT MATERIAL USED FOR FINISH GRADING SHALL BE FREE OF ROCKS. IMPORTED MATERIAL PLACED IN AREAS TO BE PLANTED SHALL BE ABLE TO SUPPORT NORMAL PLANT GROWTH.
- G. BEDDING MATERIAL: BEDDING MATERIAL, DEFINED AS THAT MATERIAL SUPPORTING, SURROUNDING AND EXTENDING TO THE SPRINGLINE OF A PIPE, SHALL BE IN ACCORDANCE CRUSHED ROCK.
- H. ROCK PRODUCTS, CONSISTING OF CRUSHED ROCK, GRAVEL, SAND, AND STONE FOR RIPRAP SHALL BE CLEAN, HARD, SOUND, DURABLE, UNIFORM IN QUALITY AND FREE OF DISINTEGRATED MATERIAL, ORGANIC MATTER, OIL ALKALI, OR OTHER DELETERIOUS SUBSTANCE.
- SITE PREPARATION: AREAS TO BE EXCAVATED, FILLED, GRADED, AND TO BE OCCUPIED BY PERMANENT CONSTRUCTION OR EMBANKMENTS SHALL BE PREPARED BY CLEARING AND GRUBBING. CLEARING AND GRUBBING SHALL CONFORM TO THE APPLICABLE REQUIREMENTS OF FDOT, SECTION 110.
- J. THE PREPARATION OF SUBGRADE FOR PAVEMENT, SIDEWALKS AND OTHER MISCELLANEOUS STRUCTURES SHALL BE IN ACCORDANCE WITH FDOT, SECTION
- K. THE CONTRACTOR SHALL TAKE THE NECESSARY PRECAUTIONARY MEASURES TO PREVENT DUST OR OTHER NUISANCES, WHICH MIGHT BE CREATED BY REASON
- L. EXCAVATIONS SHALL BE SLOPED OR OTHERWISE SUPPORTED IN A SAFE MANNER IN ACCORDANCE WITH THE RULES, ORDERS, AND REGULATIONS OF OSHA.
- M. FILL AND BACKFILL SHALL BE PLACED IN ACCORDANCE WITH THE APPLICABLE PROVISIONS OF FDOT, SECTION 125-8, AND THE REQUIREMENTS STATED HEREIN.
- SPREAD EVENLY IN LAYERS. WHEN COMPACTION IS ACHIEVED USING MECHANICAL EQUIPMENT THE LAYERS SHALL BE EVENLY SPREAD SO THAT WHEN COMPACTED EACH LAYER SHALL NOT EXCEED 8 INCHES IN THICKNESS. WHEN COMPACTION IS ACHIEVED USING FLOODING AND JETTING METHODS, EACH LAYER SHALL NOT EXCEED 3 FEET IN THICKNESS AFTER COMPACTION.
- O. DURING SPREADING, EACH LAYER SHALL BE THOROUGHLY MIXED AS NECESSARY TO PROMOTE UNIFORMITY OF MATERIAL IN EACH LAYER. BEDDING MATERIALS SHALL BE BROUGHT UP EVENLY AROUND THE PIPE SO THAT WHEN COMPACTED THE MATERIAL WILL PROVIDE UNIFORM BEARING AND SIDE SUPPORT.
- P. WHERE THE MATERIAL MOISTURE CONTENT IS BELOW THE OPTIMUM MOISTURE CONTENT WATER SHALL BE ADDED BEFORE OR DURING SPREADING UNTIL THE PROPER MOISTURE CONTENT IS ACHIEVED. WHERE THE MATERIAL MOISTURE CONTENT IS TOO HIGH TO PERMIT THE SPECIFIED DEGREE OF COMPACTION THE MATERIAL SHALL BE DRIED UNTIL THE MOISTURE CONTENT IS SATISFACTORY OR MAY BE REQUIRED TO BE REMOVED AND REPLACED WITH SUITABLE MATERIAL IN ACCORDANCE WITH THE REQUIREMENTS OF FDOT, SECTION 120-9.1.
- Q. SURPLUS MATERIAL SHALL BE DISPOSED OF OFF-SITE, AND IN ACCORDANCE WITH FDOT, SECTION 120-5.
- R. UNDERGROUND CONDUIT EXCAVATION AND BACKFILL SHALL BE IN ACCORDANCE
- WITH THE PIPE BEDDING DETAIL, AND FDOT, SECTION 125-4. S. ALL TRENCHES SHALL BE FULLY BACKFILLED AT THE END OF EACH DAY TO THE FULLEST EXTENT POSSIBLE. BARRICADES AND WARNING LIGHTS CONFORMING TO REQUIREMENTS SET FORTH IN THE FLORIDA DEPARTMENT OF TRANSPORTATION TRAFFIC MANUAL SHALL BE PROVIDED AND MAINTAINED.
- 18. NO CONSTRUCTION ACTIVITIES, NOR EQUIPMENT, NOR MATERIALS SHALL BE PLACED OR STORED UPON PUBLIC RIGHT OF WAY OR PRIVATE PROPERTY WITHOUT EXPRESS PERMISSION OF THE CITY OR PROPERTY OWNER.
- 19. THE CONTRACTOR IS RESPONSIBLE FOR REPLACEMENT OF LANDSCAPING DAMAGED AND ANY DAMAGED IRRIGATION SYSTEM UNLESS OTHERWISE NOTED.
- 20. THE APPROVAL OF THESE CONSTRUCTION PLANS DOES NOT AUTHORIZE CONSTRUCTION OF ANY REQUIRED IMPROVEMENTS THAT ARE INCONSISTENT WITH EASEMENTS OF RECORD.
- 21. CONTRACTOR SHALL RAISE/LOWER ALL EXISTING VALVE BOXES, ELECTRICAL BOXES, DRAINAGE STRUCTURES, MANHOLES AND SIMILAR STRUCTURES TO MATCH PROPOSED FINISHED GRADES.

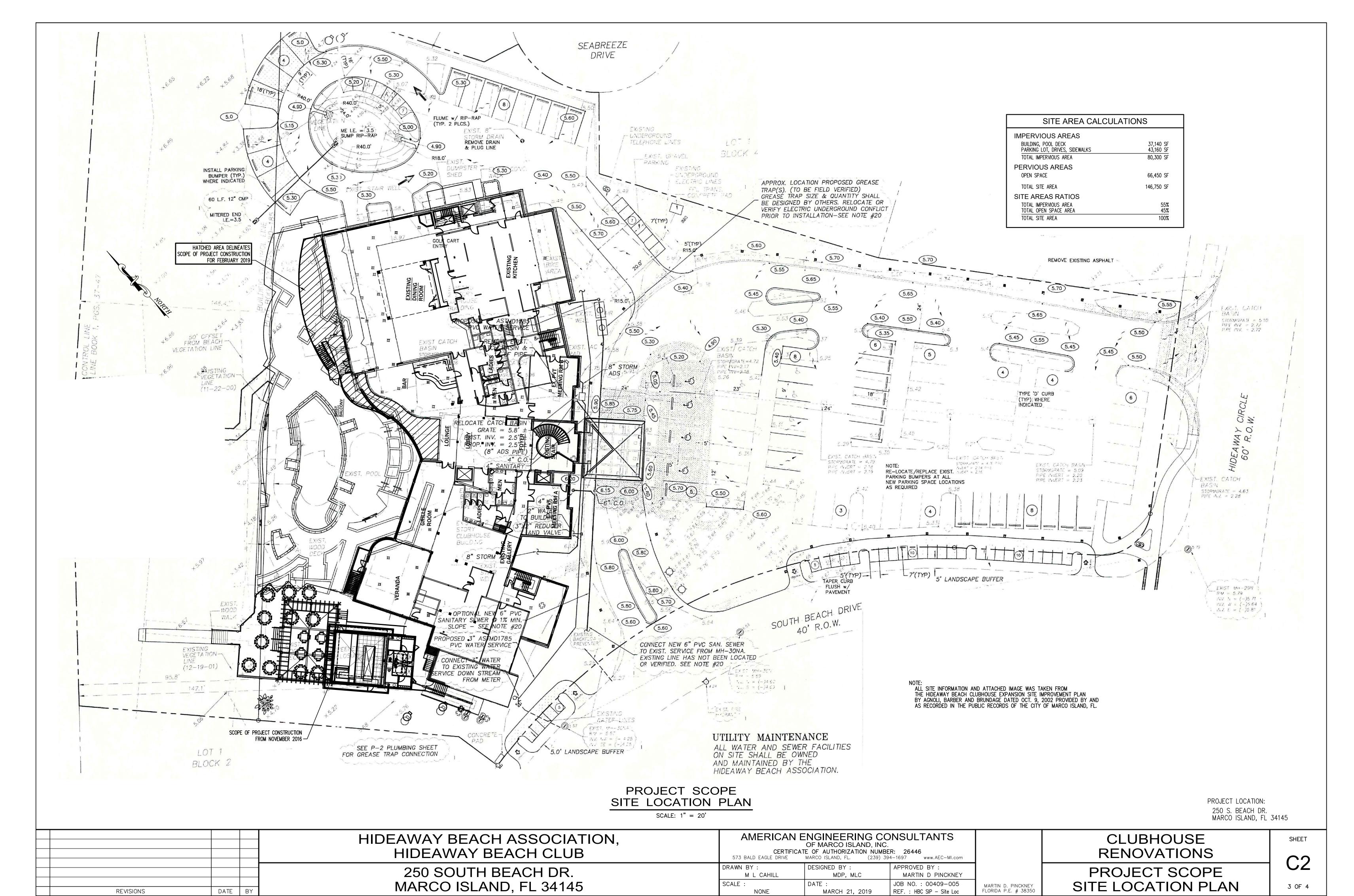
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P/L OR P. · · · · · · · · · · · · · PROPERTY LINE	GM · · · · · · · · · · · · GAS METER
E.O.P. OR EOP · · · · · · · · · · · · · · EDGE OF PAVEMENT	SAN · · · · · · · · · · · · SANITARY MANHOLE
	STMH · · · · · · · · · · STORM MANHOLE
T.O.C. OR TOC · · · · · · · · · · · · TOP OF CURB	IRR · · · · · · · · · · · · · · · IRRIGATION
B.O.C. OR B.O.G. · · · · BACK OF CURB OR BACK OF GUTTER	
D.E. · · · · · · · · · · · DRAINAGE EASEMENT	SQ. FT. OR SF · · · · · · · · · · · · SQUARE FOOT
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	No. · · · · · · · · · · · · NUMBER
L.C.E.C.: · · · · · · · LEE COUNTY ELECTRIC COOPERATIVE	O.R. · · · · · · · · · · · · · · · · · ·
CENTURYLINK · · · · · · · · · · · · · · · · · TELEPHONE COMPANY	· · · · · · · · · · · · · · · · PALM W/ DIAMETER
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PROJECT DATA					
USE ZONE	PUD				
OCCUPANCY TYPE	ASSEMBLY A-2				
CONSTRUCTION TYPE	TYPE III B, UNPROTECTED, SPRINKLERED				
CODE REFERENCE	FLORIDA BLDG. CODE SIXTH EDITION (2017)				
FLOOD ZONE	VE 11, VE 12				
FINISH LIVING FLOOR ELEVATION	14.70 NAVD				
EXISTING HEIGHT	32'-7"				
NUMBER OF STORIES	TWO				
FRONT SETBACK	30 FT.				
REAR SETBACK	50 FT.				
SIDE SETBACKS	20 FT.				

SITE AREA CALCULAT	TIONS
MPERVIOUS AREAS BUILDING, POOL DECK PARKING LOT, DRIVES, SIDEWALKS TOTAL IMPERVIOUS AREA	43,160 SF 80,300 SF
ERVIOUS AREAS OPEN SPACE	66,450 SF
TOTAL SITE AREA	146,750 SF
TOTAL SITE AREA TOTAL SITE AREA	55% 45% 100%

	HIDEAWAY BEACH ASSOCIATION, HIDEAWAY BEACH CLUB	AMERICAN ENGINEERING CONSULTANTS OF MARCO ISLAND, INC. CERTIFICATE OF AUTHORIZATION NUMBER: 26446 573 BALD EAGLE DRIVE MARCO ISLAND, FL. (239) 394-1697 www.AEC-MI.com	CLUBHOUSE RENOVATIONS	SHEET
	250 SOUTH BEACH DR.	DRAWN BY: M L CAHILL DESIGNED BY: MDP, MLC MARTIN D PINCKNEY	GENERAL NOTES	
REVISIONS DATE BY	MARCO ISLAND, FL 34145	SCALE : DATE : JOB NO. : 00409-005	MARTIN D. PINCKNEY FLORIDA P.E. # 38350 AND LEGEND	2 OF 4



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