INSTALL 4" RPZ CHECK VALVE ASSEMBLY IN SAFE-T-COVER WITH HEATER SEE DETAIL SHEET 11 USE 4" DIP IN AND OUT OF BOX AS NOTED IN DETAIL

INSTALL 4" METER WITH 4" BYPASS IN PRE-CAST CONCRETE VAULT WITH HALLIDAY HATCH VAULT SIZE TO BE DETERMINED SEE DETAIL SHEET 12

INSTALL 8"x 4" TAPPING SLEEVE AND 4" GATE VALVE

INSTALL 8"x 6" TAPPING SLEEVE AND 6" GATE VALVE

INSTALL 6" RPZ CHECK VALVE ASSEMBLY IN SAFE-T-COVER WITH HEATER SEE DETAIL SHEET 11 USE 6" DIP IN AND OUT OF BOX AS NOTED IN DETAIL

N.F.I.P. ZONE: "AE" (B.F.E.: 10.0')
REFERENCE LOMR 10-04-3184P
ISSUED OCTOBER 29, 2010

N.F.I.P. ZONE: "VE" (B.F.E.: 11.0')

N.F.I.P. ZONE: "VE" (B.F.E.: 11.0')

N.F.I.P. ZONE: "VE" (B.F.E.: 12.0')

N.F.I.P. ZONE: "VE" (B.F.E.: 12.0')

N.F.I.P. ZONE: "VE" (B.F.E.: 14.0')

LOTS 3 & 4
BLOCK 3 – SECTION 4
NAGS HEAD SHORES AMENDED
(MB 1, PG 179)
(DB 2034, PG 96)

LOT 5, BLOCK 3
NAGS HEAD SHORES AMENDED SECT. 4
M.B. 1, PG 179
(DB 1494, PG 267)
2027 S. VIRGINIA DARE TRAIL
NOW OR FORMERLY
TRUDIE LEE GARDNER
P.O. BOX 130
KILL DEVIL HILLS, NC 27948
ZONING: OR
USE: RESIDENTIAL

PARCEL 4
LOT 6, BLOCK 3, SECTION 4
NAGS HEAD SHORES AMENDED
2029 S. VIRGINIA DARE TRAIL
(MB 1, PG 179)

ATLANTIC OCEAN

P.C. B SL. 39

MHW (BEGIN = 1.27' (05/14/19))

LOT 7, BLOCK 3
NAGS HEAD SHORES AMENDED SECT. 4
M.B. 1, PG 179
(DB 2060, PG 379)
2031 S. VIRGINIA DARE TRAIL
NOW OR FORMERLY
2031 SVDT, LLC
P.O. BOX 92
KILL DEVIL HILLS, NC 27948
ZONING: OR
USE: RESIDENTIAL

LOT 8, BLOCK 3
NAGS HEAD SHORES AMENDED SECT. 4
M.B. 1, PG 179
(DB 1330, PG 132)
2033 S. VIRGINIA DARE TRAIL
NOW OR FORMERLY
ALEXANDRA, LLC
P.O. BOX 1795
KILL DEVIL HILLS, NC 27948
ZONING: OR
USE: MULTI-FAMILY RESIDENTIAL

LOTS 9, 10, 11 & PORTION OF 12
BLOCK 3 – SECTION 4
NAGS HEAD SHORES AMENDED
(MB 1, PG 179)

EXISTING GAS SUPPLY LINE PIEDMONT NC GAS

2" GAS LINE IN ACCORDANCE WITH PIEDMONT GAS STANDARDS

N.C. 12
60' PUBLIC R/W
SOUTH VIRGINIA DARE TRAIL

APPROXIMATE TOE OF DUNE

SWALE AND INFILTRATION BASIN

10' SIDE SETBACK

10' SIDE SETBACK

POOL BACKWASH LINE
4" PERFORATED SOCK PIPE
IN 12" x 12" #57 STONE TRENCH

RETAINING WALL
LENGTH APPROXIMATE

1" ENDOPURE SERVICE TUBING
DOMESTIC SERVICE LINE
2" CTS SDR 9

INSTALL 1" SERVICE SADDLE WITH 1" BALL VALVE

1" WATER METER IN METER BOX SEE SHEET 12

INSTALL 1" RPZ CHECK VALVE ASSEMBLY IN SAFE-T-COVER WITH HEATER SEE DETAIL SHEET 11 USE 1" DIP IN AND OUT OF BOX AS NOTED IN DETAIL

MH=20'

50' FRONT SETBACK

4" SCH 80 SEWER SERVICE
COORD. LOCATION WITH
PLUMBING CONTRACTOR

STAKE SET BY THE TOWN OF KILL DEVIL HILLS (TYP)

60.0'

120.0'

130.0'

180.0'

CAMA FIRST LINE OF STABLE NATURAL VEGETATION
LOCATED 03-29-19
2011 SETBACK FACTOR = 2.0 FT./YEAR

RETAINING WALL
LENGTH APPROXIMATE

4" SCH 80 SEWER SERVICE
COORD. LOCATION WITH
PLUMBING CONTRACTOR

60' CAMA SETBACK FOR STRUCTURES GREATER THAN 5,000 SQ. FT.

6" SCH 80 SEWER SERVICE
COORD. LOCATION WITH
PLUMBING CONTRACTOR

120' CAMA SETBACK FOR STRUCTURES GREATER THAN OF EQUAL TO 5,000 SQ. FT. BUT LESS THAN 10,000 SQ. FT.

130' CAMA SETBACK FOR STRUCTURES GREATER THAN OF EQUAL TO 10,000 SQ. FT. BUT LESS THAN 20,000 SQ. FT.

EXISTING MANHOLE
RIM ELEV. = 7.16'
INV. = 0.76'

180' CAMA O.E.A.

MH=20'

N.F.I.P. ZONE: "AE" (B.F.E.: 10.0')
REFERENCE LOMR 10-04-3184P
ISSUED OCTOBER 29, 2010

N.F.I.P. ZONE: "VE" (B.F.E.: 11.0')

ADD NEW FIRE HYDRANT ASSEMBLY

EXISTING MANHOLE
RIM ELEV. = 7.27'
INV. = -0.84'
RAISE RIM TO 9.30'

EXISTING WATER MAIN
8" PVC C900
KILL DEVIL HILLS

EXISTING 8" GRAVITY SEWER LINE
CONTRACTOR TO IDENTIFY MATERIALS
AND CONFIRM DIAMETER PRIOR
TO ORDERING MATERIALS

PORTION OF LOTS 8 & 9
BLOCK 4 – SECTION 4
NAGS HEAD SHORES AMENDED
(MB 1, PG 179)
(DB 1988, PG 616)
2032 S. VIRGINIA DARE TRAIL

GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

MICHAEL W. ROBINSON, P.E., P.L.S.
ENGINEERING AND SURVEYING
P.O. BOX 2852
KILL DEVIL HILLS, NC 27948
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EMAIL: mrobinson@obxengineering.com

PRELIMINARY REVIEW
OCEANFRONT AMENITY REVISIONS

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 04-05-19 MICHAEL W. ROBINSON

REVISIONS

NO.	DATE	DESCRIPTION	BY

PROJECT:
FIRST FLIGHT HOTEL, LLC
KILL DEVIL HILLS — DARE COUNTY — NORTH CAROLINA

UTILITY PLAN

DATE: 04-05-19	SCALE: 1"=20'
DESIGNED: MWR	DRAWN: MWR
SHEET: 3 OF 8	
CAD FILE:	
PROJECT NO: 052916	