

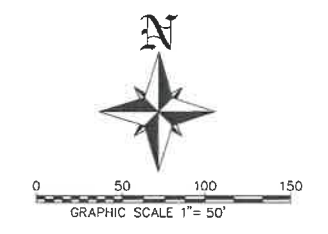
SHEET 4
SHEET 5

LAKE 4.58 AC±
C.E. = 2.30'

PHASE 1
CONSTRUCTION
COMPLETED AND
CERTIFIED
DOS2017-00065

PHASE 2

PHASE 1
CONSTRUCTION
COMPLETED AND
CERTIFIED
DOS2017-00065
PHASE 2



LEGEND

---	PROPERTY LINE
---	RIGHT OF WAY LINE
---	EASEMENTS (L.M.E., D.E., P.U.E.)
---	SWALE BOTTOM CENTERLINE
---	WATERMAIN
---	EXISTING P/P & OH ELECTRIC
---	EXISTING CHAIN LINK FENCE
---	SANITARY SEWER
---	DRAINAGE PIPE
---	CONTROL STRUCTURE
---	DRAINAGE STRUCTURES
---	JUNCTION BOX
---	SANITARY SEWER MANHOLE
---	DRAINAGE STRUCTURE ID
---	MANHOLE ID
---	FIRE HYDRANT ASSEMBLY
---	SEWER SERVICE (SINGLE & DOUBLE)
---	WATER SERVICE (SINGLE & DOUBLE)
---	GATE VALVE
---	AIR RELEASE VALVE
---	EXISTING LIGHT POLE
---	EXISTING ELEVATION

DRAINAGE BASIN ELEVATION TABLE

ALL ELEVATIONS NAVD 88

FEMA FLOOD ZONE: (FROM PANEL 12071004108 OF 8/28/08)

FEMA FLOOD ELEVATION: 7.00 FT NAVD

	MINIMUM	DESIGN
WET SEASON WATER TABLE:	2.30 FT	2.30 FT
CENTERLINE RD ELEV.:	3.18 FT	5.70 FT MIN.
FINISH FLOOR ELEV.:	6.14 FT	8.00 FT MIN.
PERIMETER BERM ELEV.:	4.73 FT	6.50 FT MIN.

RAINFALL DEPTH

5 YEAR-1 DAY STORM:	5.5 in.
25 YEAR-3 DAY STORM:	11.0 in.
100 YEAR-3 DAY STORM:	14.0 in.

PEAK STAGE ELEVATION

5 YEAR-1 DAY STORM:	3.18 FT NAVD
25 YEAR-3 DAY STORM:	4.73 FT NAVD
100 YEAR-3 DAY STORM:	6.14 FT NAVD

ALLOWABLE DISCHARGE: 1.90 CFS

DESIGN DISCHARGE: 1.87 CFS

SITE DATA

TOTAL SITE:	1,035,040 SF	23.76 AC	100%
BUILDINGS:	204,200 SF	4.69 AC	20%
LOT TRACT AREA:	380,848 SF (8.74 AC)		
LAKE:	199,504 SF	4.58 AC	19%
PAVEMENT:	75,515 SF	1.73 AC	7%
CONCRETE:	17,280 SF	0.40 AC	2%
TOTAL IMPERVIOUS:	496,499 SF	11.40 AC	48%
TOTAL PERVIOUS:	538,541 SF	12.36 AC	52%

ELEVATIONS SHOWN HEREON ARE
BASED ON THE NORTH AMERICAN
VERTICAL DATUM OF 1988 (NAVD 88).

(15) SINGLE FAMILY = 15
(1) 3-PLEX = 3
(3) 4-PLEX = 12
(2) 6-PLEX = 12
(7) 8-PLEX = 56
98 + (2) 4 PLEX PH2 8 = 106 UNITS

PREPARED FOR:
HABITAT HARLEM HEIGHTS
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NO.	DATE	REVISION DESCRIPTION	BY

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MASTER SITE PLAN HABITAT HARLEM HEIGHTS PHASE 2 LEE COUNTY, FLORIDA									
DATE	PROJECT	DRAWING	DESIGN	DRAWN	CHECKED	SCALE	SHEET		
7/20/2022	8159-PH2		EMH	EMH	SWM		05		

5: L:\2022\8159 HABITAT HARLEM HEIGHTS PHASE 2\DWG\8159-PH2-05.DWG 7/20/2022 2:47 PM EMM: HARRIS/EMH