PRIVATE SANITARY SEWER PIPE DATA						
UPSTREAM STRUCTURE	DOWNSTREAM STRUCTURE	UPSTREAM INVERT	DOWNSTREAM INVERT	SIZE (IN)	LENGTH (FT)	SLOPE
CO-17	MH	336.55	335.50	6	11	9.55%
CO-18	CO-17	340.70	336.55	6	42	9.88%

EXIST. OFFICE BUILDING NO. 2

EXIST. OFFICE BUILDING NO. 1

EXIST. PARKING DECK NO. 1

EXIST. PARKING DECK NO. 2

FIRE ACCESS DRIVE

METLIFE WAY

WESTON PARKWAY
EXIST. 120' PUBLIC R/W
B.M. 1989, PG. 1451-1453

EXIST. 25' TOWN OF CARY UTILITY EASEMENT (BOM 2015 PG 185)

EXIST. 8" SANITARY SEWER

EXIST. SANITARY SEWER SERVICE @ 1.04% MIN. W/ CLEAN-OUTS AS SHOWN

EXIST. 4" WATTS 909 RPZ (BACKFLOW PREVENTER) OR TOWN OF CARY APPROVED EQUAL LOCATED IN BUILDING (REFER TO PLUMBING PLANS)

EXIST. 2" POLYETHYLENE RECLAIMED WATERLINE (TYP)

EXIST. 8" AMES 5000 RPDA (BACKFLOW PREVENTER) PROVIDED IN THE BUILDING.

EXIST 4" SAN. SEWER SERVICE TO COVERED CANWASH

EXIST. 1,200 GAL GREASE INTERCEPTOR WITH 4" SAN. SEWER SERVICE AND CLEAN-OUTS

EXIST. FIRE HYDRANT ASSEMBLY W/8X6 REDUCER, 6" VALVE AND 6" DI WATERLINE

EXIST. 8" DI WATERLINE 8X8 TEE AND BLOCKING, 8" VALVE, 45° BENDS & BLOCKING AND POST INDICATOR VALVE. PROVIDE

EXIST. 4" SAN. SEWER SERVICE @ 1.04% MIN. SLOPE WITH CLEAN-OUTS TO PKG. DECK NO. 2

EXIST. 4" DI PIPE, CURB SIDE FDC AND MANHOLE

EXIST. ELEC. TRANSFORMER

EXIST. 4" DI PIPE, 45° BENDS & BLOCKING, CURB SIDE FDC AND MANHOLE

EXIST. 1" TYPE K COPPER WATERLINE, 4X1 TEE & BLOCKING AND 1" VALVE

EXIST. 8X4 TEE & BLOCKING, 4" DI DOMESTIC WATER SERVICE, 4" WATER METER & VAULT, 4" VALVE AND 45° BENDS & BLOCKING AS SHOWN.

EXIST. 4" DI PIPE, 45° BENDS & BLOCKING, CURB SIDE FDC AND MANHOLE (3' CLEARANCE REQ'D.)

EXIST. 8" AMES 5000 RPDA (BACKFLOW PREVENTER) PROVIDED IN THE BUILDING.

EXIST. ELEC. TRANSFORMER

EXIST. 1" TYPE K COPPER WATERLINE, 4X1 TEE AND BLOCKING AND 1" VALVE.

EXIST. 2X2 TEE AND 3-2" VALVES

EXIST 45° BEND AND BLOCKING

EXIST. 4" SAN. SEWER SERVICE @ 1.04% MIN. W/ CLEAN-OUTS AS SHOWN TO PARKING DECK NO.1

EXIST. 1" WATTS 009M2-QT RPZ (BACKFLOW PREVENTER) PROVIDED IN THE PARKING DECK - TYP. IN BOTH DECKS.

EXIST. BUILDING MOUNTED FDC

EXIST. FIRE HYDRANT ASSEMBLY, 6" VALVE, 8X6 TEE AND BLOCKING & 6" DI WATERLINE

EXIST. 45° BEND AND BLOCKING

NEW 22.5° BEND AND BLOCKING

EXIST. 8X8 TEE AND BLOCKING & 3-8" VALVES AND 8" DI WATERLINE

EXIST. FIRE HYDRANT ASSEMBLY AND 6" DI WATERLINE

EXIST. 8X6 TEE AND BLOCKING AND 6" VALVE

EXIST. 2" POLYETHYLENE RECLAIMED WATERLINE (TYP.)

EXIST. SAN. MH
RIM=342.5±
INV. IN(NEW)=335.50
INV. IN(6")=335.50
INV. OUT=333.04

EXIST. 4" SAN. SEWER SERVICE TO BUILDING AND CAN WASH CONNECTED TO GREASE INTERCEPTOR

EXIST. 4" DI DOMESTIC WATER SERVICE, 8X4 TEE, 4" WATER METER & METER VAULT AND 45° BENDS & BLOCKING AS SHOWN.

NEW SANITARY SEWER SERVICE @ 1.04% MIN. W/ CLEAN-OUTS AS SHOWN.

EXIST. 8" DI WATERLINE, 8X8 TEE & BLOCKING 8" VALVE, 45° BENDS & BLOCKING AND POST INDICATOR VALVE. PROVIDE 1" SCHED. 40 PVC CONDUIT TO BUILDING FOR TAMPER SWITCH

EXIST. FIRE HYDRANT ASSEMBLY W/8X6 REDUCER, 6" VALVE AND 6" DI WATERLINE

EXIST. 4" DI WATER SERVICE STUB AND 4" VALVE (FOR FUTURE USE)

EXIST. 8" DI FIRE LINE STUB W/ 8X8 TEE, 8" VALVE AND 45° BENDS & BLOCKING AS SHOWN (FOR FUTURE USE)

EXIST. 2,500 GAL. GREASE INTERCEPTOR WITH 4" SAN. SEWER SERVICE AND CLEAN-OUTS AS SHOWN

EXIST. 4" SAN. SEWER SERVICE TO COVERED DUMPSTER AND COMPACTOR. OIL/WATER SEPARATOR TO BE PROVIDED AT COMPACTOR

EXIST. 45° BEND AND BLOCKING

EXIST. 20' TOWN OF CARY UTILITY EASEMENT (TYP)

EXIST. 8" DI WATER SERVICE STUB AND 8" VALVE (FOR FUTURE USE)

EXIST. FIRE HYDRANT ASSEMBLY W/8X6 TEE AND BLOCKING 6" VALVE AND 6" DI WATERLINE

EXIST. 8X8 TEE AND 3-8" VALVES

EXIST. 45° BEND & BLOCKING

EXIST. 45° BEND & BLOCKING

EXIST. 45° BEND & BLOCKING

WOODED AREA

IRRIGATION CONTROL/METER BOX

EXIST. SAN. SEWER SERVICE @ 1.04% MIN. W/ CLEAN-OUTS (TYP.)

EXIST. COVERED CAN WASH W/ FLOOR DRAIN AND TRAP

EXIST. 2,500 GAL. GREASE INTERCEPTOR W/ 4" SAN. SEWER SERVICE AND CLEAN-OUTS

EXIST. 4" SAN. SEWER SERVICE @ 1.04% MIN. W/ CLEAN-OUTS (TYP.)

EXIST. FLOOR DRAIN W/ TRAP PER TOWN OF CARY DETAIL (TYP. OF 2)

COVERED DUMPSTER

COVERED COMPACTOR

ELECTRICAL TRANSFORMER

FUT. PIV

FUT. WM

WM

PIV

FDC

FH

BUILDING 1 LOADING DOCK-UTILITY/ SAN. SEWER LAYOUT

SCALE: 1"=20'

Approved by the Town of Cary
Development Review Committee
Case Number: 17-DP-1414
HTE #: 17-1414
Date: 22 Aug 2017

Kevin A. Hales, Senior Planner

NORTH

0 40 80 120

SCALE: 1" = 40'

REFER TO DWG. NO. SITE 1 FOR GENERAL NOTES

PLD

PIEDMONT LAND DESIGN, LLP
8522-204 SIX FORKS ROAD
RALEIGH, NORTH CAROLINA 27615
919.845.7600 PHONE
919.845.7703 FAX

ENGR. FIRM LIC NO. F-0843

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 20163 DONALD P. HENDRICKS

17-DP-1414

WESTON LAKE FRONT

WESTON PARKWAY
CARY, NORTH CAROLINA

ISSUED: 13 JULY 2017

REVISIONS:

DRAWN BY: EMH
CHECKED BY: RPH

PROJECT: HWWL

UTILITY PLAN

DWG. NO. SITE 6

F:\Projects\HWWL\Drawings\Site\HWWL_UTILITYbase_revisions.dwg - Utility Plan - Sheet 2 Jul 13, '17 - 2:20pm