LEGEND:

- OVERLAND FLOW DIRECTION
- SUBCATCHMENT DIVIDE
- SC1 — SUBCATCHMENT
- DP1 — DESIGN POINT
- HSG — HYDROLOGIC SOIL GROUP
- TEST PIT LOCATION
- SOIL TYPE DIVIDE
- OVERLAND FLOW LINE

DP2
SC2
SC1
DP1
HSG A
257E
HINCKLEY & WINDSOR LOAMY SAND
HSG C
602
URBAN FILL
SOIL TYPE DIVIDE
LIMIT OF 200' RIVERFRONT AREA
25' WATER DEPENDENT USE ZONE
APPROXIMATE HIGH WATER LINE AS LOCATED OCTOBER 26, 2000 (INNER LIMIT OF RIVERFRONT AREA)
APPROXIMATE LOW WATER LINE AS LOCATED OCTOBER 12, 2001
LIMIT OF 100 YEAR FLOOD PLAIN AS ESTABLISHED BY F.E.M.A. EL = 12.0'
INLAND BANK
BUILDING #6 5 STORY BRICK
BUILDING #4 3 STORY BRICK F.B.F.=14.5 F.F.F.=30.3 F.S.F.=44.0 (TBR)
BUILDING #12 3 STORY WOOD FRAME F.F.F.=38.3 F.S.F.=48.1 (TBR)
BUILDING #11 3 STORY BRICK F.F.F.=38.3 F.S.F.=49.3 (TBR)
BUILDING DEMOLITION REMAINS (TBR)
CONC. RET. WALL WITH HAND RAIL (TBR)
FOUNDATION & WALL REMAINS (TBR)
REMAINING CONC. SLAB (TBR)
DEMOLISHED MATERIALS (TBR)
EXTERIOR BUILDING BRICK WALL (TBR)
BRICK WALL WITH CHAIN LINK FENCE
WIRE FENCE (TBR)
CONCRETE WALL WITH FENCE (FENCE TBR)
FOUNDATION WALL REMAINS (TBR)
WOOD DECK (TBR)
WOOD STEPS
CONCRETE STEPS (TBR)
TEMP. GRATE (TBR)
CONCRETE WALK (TBR)
BIT. CONC. WALK
CONC. WALK
BIT. CONC.
GRAVEL
RIPRAP
STONE BOLLARDS WITH LIGHT (TYP.)
CHAIN
FIRE SUPPRESSION CONNECTION
DOMESTIC WATER CONNECTION
TRANSFORMER
A/C CONDITIONING UNITS (TYP.)
OVERHEAD FLAGPOLE
UP#18 W/FAB
UP#17
UP#6/16
UP#14
UP#15
CB CTR RIM=26.5
CB CTR RIM=28.1
CB CTR RIM=29.7
CB CTR RIM=31.0
CB CTR RIM=31.1
CB27 RIM=36.72 INV.IN=34.0± INV.OUT=33.6±
SMH RIM=26.5
SMH RIM=29.8
SMH31 RIM=39.0 INV.=30.2±
SMH38 RIM=11.9 INV.IN=4.2± INV.OUT=4.2±
SMH39 RIM=22.0 INV.IN=5.9±(8") INV.IN=5.7±(24") INV.OUT=4.1±
SMH41 RIM=11.8 PIPES-UNK. (FOD)
DMH2 RIM=12.2 c=5.2± b=8.1± a=7.8±
DMH3 RIM=14.2
DMH 100 RIM=9.7
CB1 CTR RIM=11.7 I=8.5±
12"HDPE INV=10.4
12"HDPE INV=9.4
18"HDPE INV=7.0±
12"RCP
24" RCP
10" CMP
12" CMP
6" H.P. GAS
16" GAS
6" CLF (TBR)
3.5' CLF (TBR)
6' STOCKADE FENCE (TBR)
10' GATE
6" CLAY INV.=0.2±
8" CLAY INV.=5.6±
12" CLAY INV.=5.7±
10" CLAY INV.=5.0±
INV.=9.0±
INV.=1.8±
INV.=8.0±
INV.=0.8±
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M.L.W.
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GRAPHIC SCALE
SCALE: 1"=20'

FEET 20 0 10 20 40 80
METERS 0 5 10 20 30

REVISIONS

NO.	DATE	DESCRIPTION	BY	CHK'D

DWG. No. 3066_PRE

THE MARINA AT HATTER'S POINT

PRE-DEVELOPMENT DRAINAGE PLAN

LOCATED IN

AMESBURY, MASSACHUSETTS

(ESSEX COUNTY)

PREPARED FOR

HATTER'S POINT MARINA PARKING, LLC

SCALE: 1"= 20' DATE: AUGUST 24, 2015

MERIDIAN ASSOCIATES

500 CUMMINGS CENTER, SUITE 5950
BEVERLY, MASSACHUSETTS 01915
TELEPHONE: (978) 299-0447

69 MILK STREET, SUITE 302
WESTBOROUGH, MASSACHUSETTS 01581
TELEPHONE: (508) 871-7030

WWW.MERIDIANASSOC.COM

SHEET No. 1 OF 2 PROJECT No. 3066

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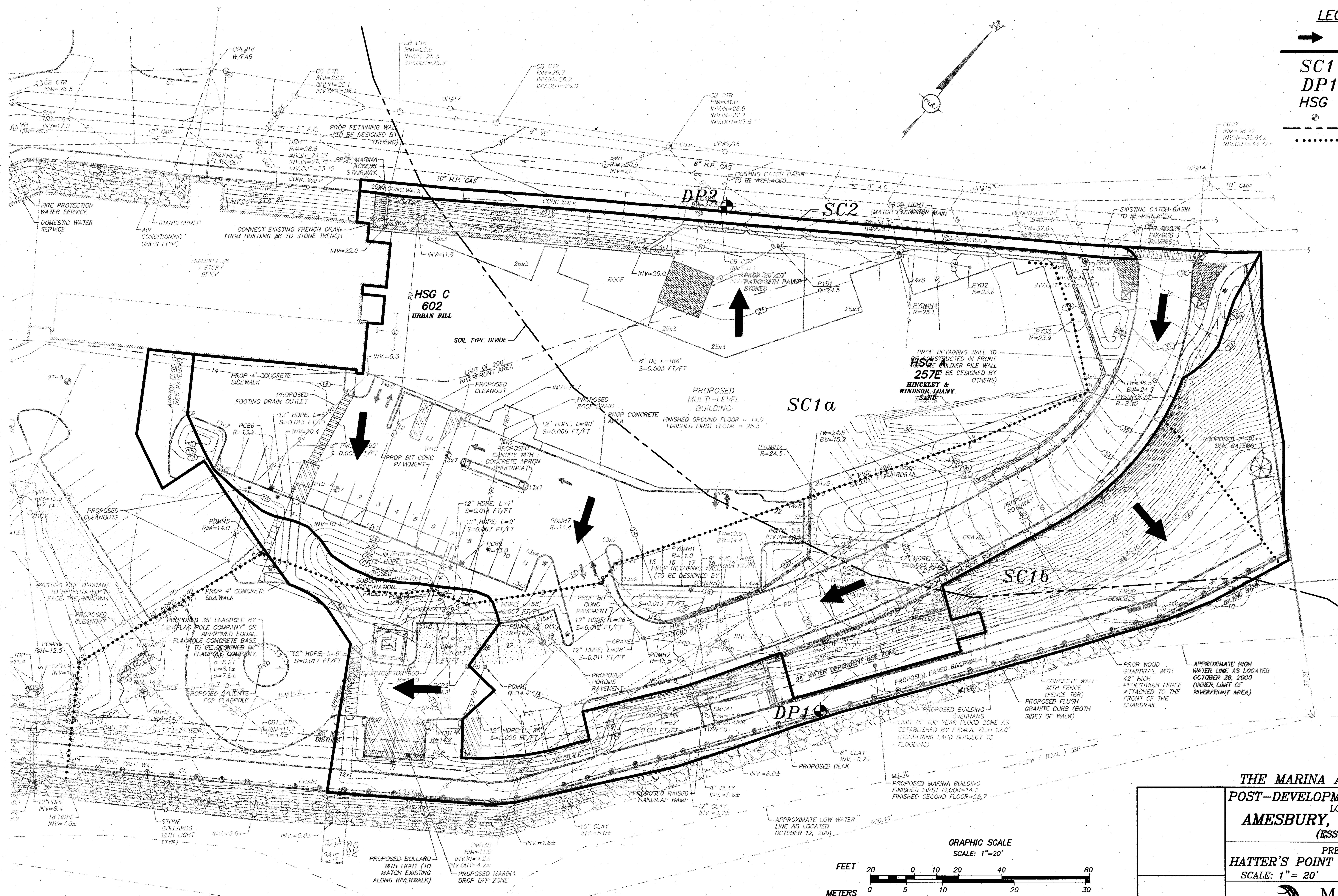

LEGEND:

→	OVERLAND FLOW DIRECTION
———	SUBCATCHMENT DIVIDE
SC1	SUBCATCHMENT
DP1	DESIGN POINT
HSG	HYDROLOGIC SOIL GROUP
	TEST PIT LOCATION
— — —	SOIL TYPE DIVIDE
• • • • • • •	OVERLAND FLOW LINE

REVISIONS

NO.	DATE	DESCRIPTION	BY	CHK'D

DWG. No. 3066_POST

THE MARINA AT HATTER'S POINT

POST-DEVELOPMENT DRAINAGE PLAN

LOCATED IN

AMESBURY, MASSACHUSETTS

(ESSEX COUNTY)

PREPARED FOR

HATTER'S POINT MARINA PARKING, LLC

SCALE: 1"= 20' DATE: AUGUST 24, 2015

MERIDIAN ASSOCIATES
500 CUMMINGS CENTER, SUITE 5950 BEVERLY, MASSACHUSETTS 01915 TELEPHONE: (978) 299-0447
69 MILK STREET, SUITE 302 WESTBOROUGH, MASSACHUSETTS 01581 TELEPHONE: (508) 871-7030
WWW.MERIDIANASSOC.COM

SHEET No. 2 OF 2 PROJECT No. 3066

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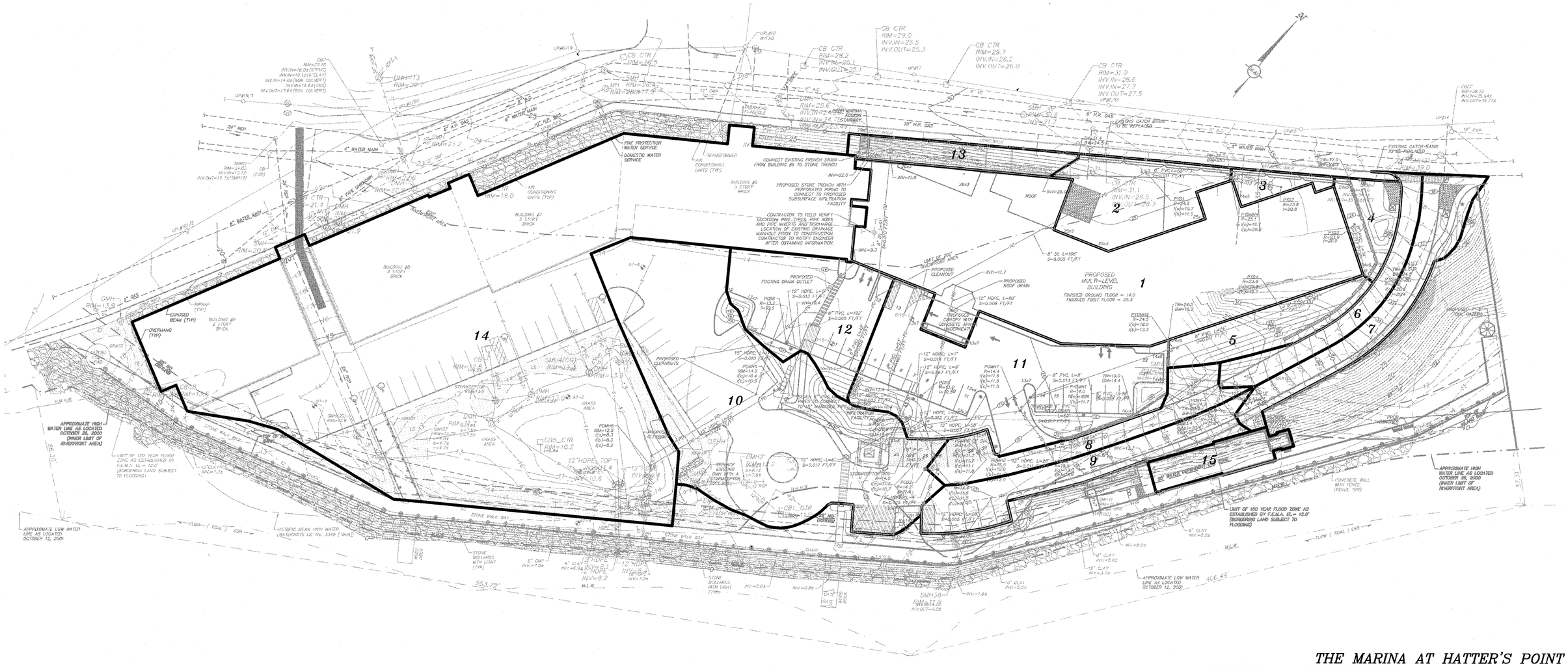
LEGEND:

CATCH BASIN

DRAINAGE AREA DIVIDE

1 CATCH BASIN DRAINAGE AREA



GRAPHIC SCALE
SCALE 1"=30'

FEET 30 0 15 30 60 120

METERS 0 5 10 20 40

REVISIONS

NO.	DATE	DESCRIPTION	BY	CHK'D

DWG. No. 3066M_STORMDRAIN

THE MARINA AT HATTER'S POINT

STORM DRAIN AREA PLAN
LOCATED IN
AMESBURY, MASSACHUSETTS
(ESSEX COUNTY)

PREPARED FOR
HATTER'S POINT MARINA PARKING, LLC

SCALE: 1"= 30' DATE: FEBRUARY 24, 2016

MERIDIAN ASSOCIATES
500 CUMMINGS CENTER, SUITE 5950
BEVERLY, MASSACHUSETTS 01915
TELEPHONE: (978) 299-0447
69 MILK STREET, SUITE 302
WESTBOROUGH, MASSACHUSETTS 01581
TELEPHONE: (508) 871-7030
WWW.MERIDIANASSOC.COM

SHEET No. 1 OF 1 PROJECT No. 3066

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