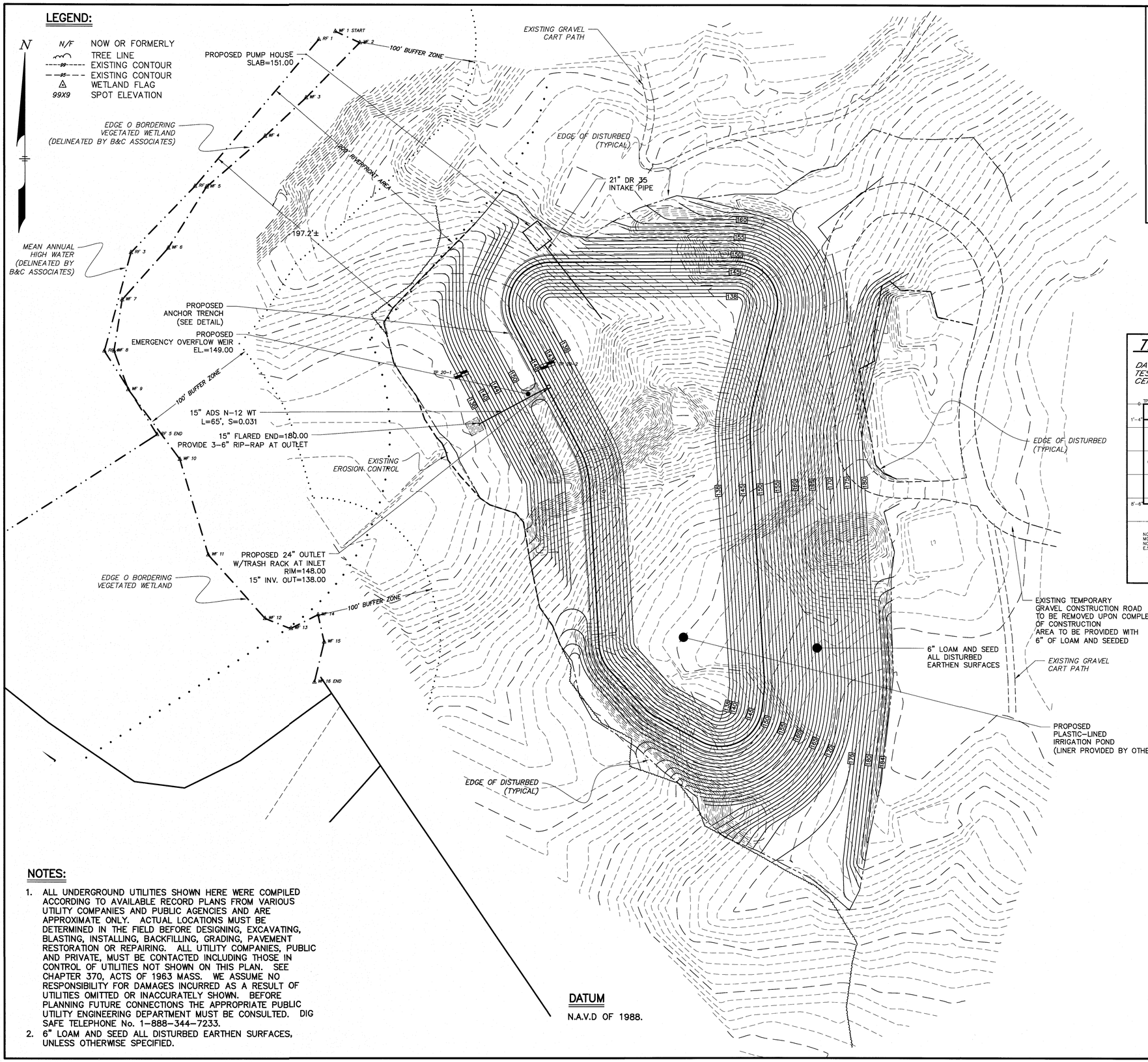
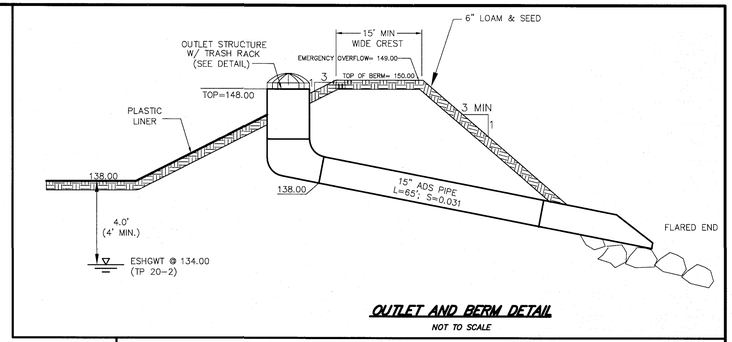
LEGEND:

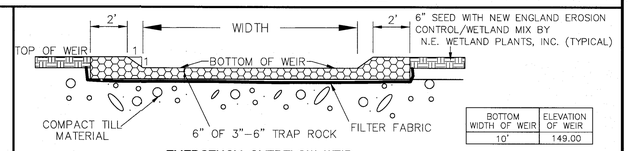
N

N/F NOW OR FORMERLY
TREE LINE
99 EXISTING CONTOUR
95 EXISTING CONTOUR
WETLAND FLAG
99X9 SPOT ELEVATION





OUTLET AND BERM DETAIL
NOT TO SCALE

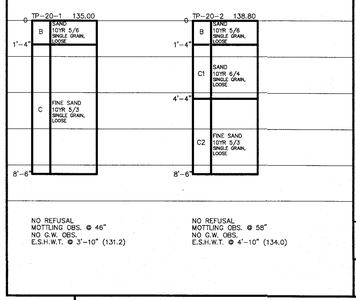


BOTTOM WIDTH OF WEIR	ELEVATION OF WEIR
10'	149.00

EMERGENCY OVERFLOW WEIR
NOT TO SCALE

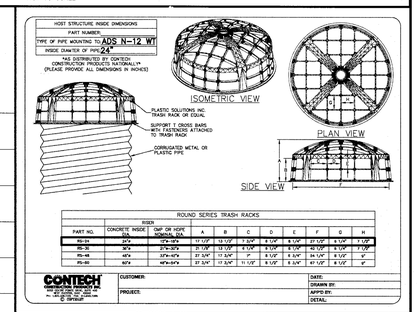
TEST PIT DATA:

DATE OF TESTING: 1/30/2020
TEST BY: STAMSKI AND McNARY, INC.
CERT. SOIL EVAL.: PAUL KIRCHNER, SE 14237



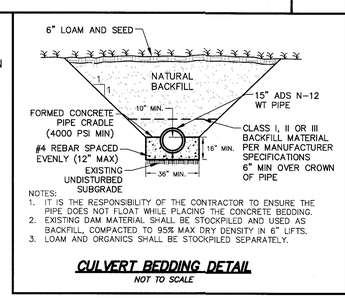
NO REFUSAL
MOTTLING OBS. @ 46"
NO G.W. OBS.
E.S.H.W.T. @ 3'-10" (131.2)

NO REFUSAL
MOTTLING OBS. @ 58"
NO G.W. OBS.
E.S.H.W.T. @ 4'-10" (134.0)



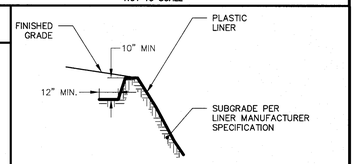
PART NO.	RISER CONCRETE INSIDE DIA.	RISER CMP OR HDPE NOMINAL DIA.	A	B	C	D	E	F	G	H
RS-24	24"	12"-18"	17 1/2"	12 1/2"	7 3/4"	4 1/4"	4 1/4"	27 1/2"	4 1/4"	1 1/2"
RS-36	36"	21"-30"	21 1/8"	12 1/2"	9 1/4"	4 1/4"	4 1/4"	43 1/2"	4 1/4"	1 1/2"
RS-48	48"	33"-42"	27 3/4"	17 3/4"	7"	5 1/4"	5 3/4"	54 1/4"	5 1/4"	4"
RS-60	60"	48"-60"	37 3/4"	17 3/4"	11 1/2"	5 1/2"	5 3/4"	67 1/2"	5 1/2"	4"

TRASH RACK DETAIL
NOT TO SCALE



NOTES:
1. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THE PIPE DOES NOT FLOAT WHILE PLACING THE CONCRETE BEDDING.
2. EXISTING DAM MATERIAL SHALL BE STOCKPILED AND USED AS BACKFILL, COMPACTED TO 95% MAX DRY DENSITY IN 6" LIFTS.
3. LOAM AND ORGANICS SHALL BE STOCKPILED SEPARATELY.

CULVERT BEDDING DETAIL
NOT TO SCALE



LINER ANCHOR TRENCH DETAIL
NOT TO SCALE

NOTES:

1. ALL UNDERGROUND UTILITIES SHOWN HERE WERE COMPILED ACCORDING TO AVAILABLE RECORD PLANS FROM VARIOUS UTILITY COMPANIES AND PUBLIC AGENCIES AND ARE APPROXIMATE ONLY. ACTUAL LOCATIONS MUST BE DETERMINED IN THE FIELD BEFORE DESIGNING, EXCAVATING, BLASTING, INSTALLING, BACKFILLING, GRADING, PAVEMENT RESTORATION OR REPAIRING. ALL UTILITY COMPANIES, PUBLIC AND PRIVATE, MUST BE CONTACTED INCLUDING THOSE IN CONTROL OF UTILITIES NOT SHOWN ON THIS PLAN. SEE CHAPTER 370, ACTS OF 1963 MASS. WE ASSUME NO RESPONSIBILITY FOR DAMAGES INCURRED AS A RESULT OF UTILITIES OMITTED OR INACCURATELY SHOWN. BEFORE PLANNING FUTURE CONNECTIONS THE APPROPRIATE PUBLIC UTILITY ENGINEERING DEPARTMENT MUST BE CONSULTED. DIG SAFE TELEPHONE No. 1-888-344-7233.
2. 6" LOAM AND SEED ALL DISTURBED EARTHEN SURFACES, UNLESS OTHERWISE SPECIFIED.

DATUM
N.A.V.D OF 1988.

COMMONWEALTH OF MASSACHUSETTS JOSEPH MARCH # 36384 PROFESSIONAL LAND SURVEYOR

COMMONWEALTH OF MASSACHUSETTS GEORGE DAMARIARAKOS CIVIL No. 41281 REGISTERED PROFESSIONAL ENGINEER

IRRIGATION POND PLAN
IN
CONCORD, MASSACHUSETTS
(MIDDLESEX COUNTY)

FOR: CONCORD COUNTRY CLUB
SCALE: 1"=40' JANUARY 31, 2020
REVISED: FEBRUARY 14, 2020

STAMSKI AND MCNARY, INC.
1000 MAIN STREET ACTON, MASSACHUSETTS
ENGINEERING - PLANNING - SURVEYING

0 20 40 80 120 160 FT

(4621B.POND3.WPP.C.dwg) SM-4621B