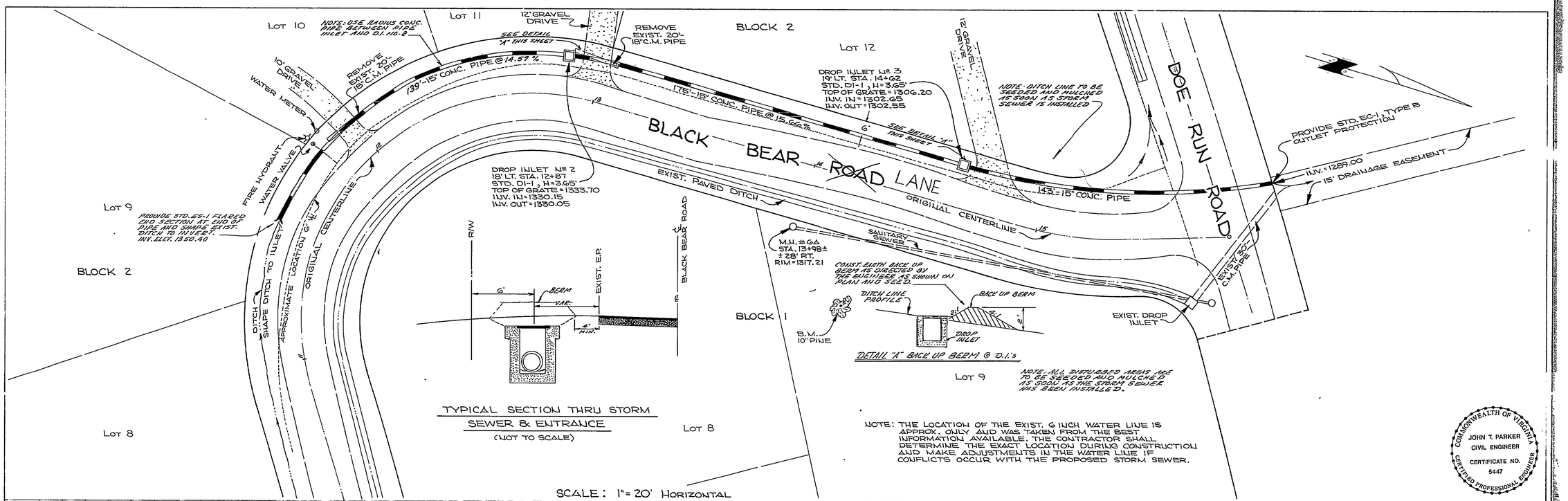
LOT 10
LOT 11
BLOCK 2
LOT 12
LOT 9
BLOCK 2
LOT 8
BLOCK 1
LOT 9
LOT 8
NOTE: USE RADIUS CONC. PIPE BETWEEN PIPE INLET AND D.I. No. 2
SEE DETAIL "A" THIS SHEET
12' GRAVEL DRIVE
REMOVE EXIST. 20'-18" C.M. PIPE
10' GRAVEL DRIVE
WATER METER
FIRE HYDRANT
WATER VALVE
139'-15" CONC. PIPE @ 14.57 %
175'-15" CONC. PIPE @ 15.66 %
DROP INLET No 3
19' LT. STA. 14+62
STD. DI-1, H=3.65'
TOP OF GRATE = 1306.20
INV. IN = 1302.65
INV. OUT = 1302.55
NOTE: DITCH LINE TO BE SEEDED AND MULCHED AS SOON AS STORM SEWER IS INSTALLED
BLACK BEAR ROAD LANE
DOE RUN ROAD
PROVIDE STD. EC-1 TYPE B OUTLET PROTECTION
INV. = 1289.00
15' DRAINAGE EASEMENT
DROP INLET No 2
18' LT. STA. 12+87
STD. DI-1, H=3.65'
TOP OF GRATE = 1333.70
INV. IN = 1330.15
INV. OUT = 1330.05
EXIST. PAVED DITCH
ORIGINAL CENTERLINE
143'-15" CONC. PIPE
PROVIDE STD. EC-1 FLARED END SECTION AT END OF PIPE AND SHAPE EXIST. DITCH TO INVERT. INV. ELEV. 1350.40
DITCH SHAPE DITCH TO INLET
APPROXIMATE LOCATION "G" WATER
ORIGINAL CENTERLINE
SANITARY SEWER
M.H. # 6A
STA. 13+98 ± 28' RT.
RIM = 1317.21
CONST. EARTH BACK UP BERM AS DIRECTED BY THE ENGINEER AS SHOWN ON PLAN AND SEED.
EXIST. DROP INLET
EXIST. 30" C.M. PIPE
R/W
EXIST. E.P.
BLACK BEAR ROAD
BERM
VAR.
4' MIN.
TYPICAL SECTION THRU STORM SEWER & ENTRANCE
(NOT TO SCALE)
DITCH LINE PROFILE
BACK UP BERM
DROP INLET
B.M. 10" PINE
DETAIL "A" BACK UP BERM @ D.I.'s
NOTE: ALL DISTURBED AREAS ARE TO BE SEEDED AND MULCHED AS SOON AS THE STORM SEWER HAS BEEN INSTALLED.
NOTE: THE LOCATION OF THE EXIST. 6 INCH WATER LINE IS APPROX. ONLY AND WAS TAKEN FROM THE BEST INFORMATION AVAILABLE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION DURING CONSTRUCTION AND MAKE ADJUSTMENTS IN THE WATER LINE IF CONFLICTS OCCUR WITH THE PROPOSED STORM SEWER.
COMMONWEALTH OF VIRGINIA
JOHN T. PARKER
CIVIL ENGINEER
CERTIFICATE NO. 5447
CERTIFIED PROFESSIONAL ENGINEER
SCALE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL
B.M.
P.K. NAIL IN 10" PINE
±55' RT. STA. 14+28± BLACK BEAR ROAD
ELEV. = 1322.16
DROP INLET No 3
19' LT. STA. 14+62
STD. DI-1, H=3.65'
TOP OF GRATE = 1306.20
DROP INLET No 2
18' LT. STA. 12+87
STD. DI-1, H=3.65'
TOP OF GRATE = 1333.70
BERM
PROFILE ALONG PROPOSED STORM SEWER & DITCH
INV. IN = 1330.15
INV. OUT = 1330.05
INV. IN = 1302.65
INV. OUT = 1302.55
APPROX. LOCATION OF 24" C.M.P.
DEFLECT PIPE PROFILE TO MINIMUM 3.5 % SLOPE
INV. = 1289.00
143'-15" CONC. PIPE
139'-15" CONC. PIPE @ 14.57 %
175'-15" CONC. PIPE @ 15.66 %
℄ DOE RUN ROAD
1370
1360
1350
1340
1330
1320
1310
1300
1290
1330
1320
1310
1300
1290
1280
1270
10+50
11
12
13
14
15+00
16
PLAN & PROFILE
STORM SEWER REVISION
STA. 11+78 TO STA. 16+00
DESIGNED E.S.
DRAWN E.L.J.
CHECKED
SECTION 12
HUNTING HILLS
T.P. PARKER & SON
ENGINEERS & SURVEYORS LTD.
SALEM, VIRGINIA
SCALE AS SHOWN
DATE 12-16-80
W.O. NO. 3782
N.B. HUNTING HILLS SECTION 12
SHEET 1 OF 1
REVISION: 4-7-81 ADDED 30 L.F. 15" STORM DRAIN ON INLET END WITH 6 MIN. MIN. COVER
PLAN
NO
DATE
BY
E. JOYNER
12-80
PROFILE
E. JOYNER
12-80
E. JOYNER
12-80
PLATE 1 PLAN PROFILE O. P. & N. R. STANDARD
EUGENE DIETZEN CO.
RC-3168A