



NOTE:-
300 Ø STORM WATER DRAIN
(1:350 GRADIENT)
150Ø STORM WATER DRAIN
(1:200 GRADIENT)

APPROVED
Valid upto Dated. 05/11/2012

AREA CALCULATIONS:-
TOTAL PLOT AREA = 336118.50 Mch.
NUMBER OF DWELLING UNITS = 1954
TOTAL POPULATIONS = 51936

STORM WATER DRAIN:- SIZE - 0.3 x 0.23 m
A = 0.3 X 0.23 = 0.069 m
P = 2 X 0.23 + 0.3 = 0.76 m
 $m^2 = \frac{A}{P} = \frac{0.069}{0.76} = 0.202$
 $v = \frac{1}{n} \times m^{2/3} \times 5^{1/2} = \frac{1}{0.015} \times 0.202^{2/3} \times \frac{1}{500} = 0.602 \text{ m/sec.}$
 $av = 0.069 \times 0.602 = 0.0415 \text{ m/sec.}$
 $= 1.47 \text{ cu/sec}$

SIGNING AUTHORITY

ARCHITECTS SIGN

PANKAJ NATH ANDLEY
B. ARCH. A.I.I.A.
ARCHITECT CA/1992/4856

SUBMISSION DRAWING

PROJECT:-
GROUP HOUSING FOR
**M/s. CAPITAL INFRA TECHOMES
PVT. LTD.**
PLOT NO. GH-12A-2, SECTOR-1,
GREATER NOIDA. (U.P.)

DRG. TITLE:-
SERVICE PLAN (SHOWING S.W.D LINE)
STORM WATER DRAIN

SCALE:- 1:100
DLT. BY:-
ARCHITECTS:-
P. N. ANDLEY B. ARCH. A.I.I.A.
ANDLEYS ASSOCIATES PVT. LTD.
ARCHITECTS ENGINEERS PLANNERS
39 HOUSING SOCIETY N.D.S.E.-I NEW DELHI - 110049

DRG. NO. 21
DATE:- 18/12/2012

NORTH