

UTILITY INSTALLATION NOTES:

1. G.C. TO FURNISH AND INSTALL TAPPING SLEEVE AND VALVE FOR WATERLINE CONNECTION, TAP TO BE MADE BY WWA. CONTRACTOR SHALL BE RESPONSIBLE FOR EXCAVATION AND SHORING PER OSHA REGULATIONS.
2. G.C. TO MAKE SANITARY SEWER TAP TO EXISTING MANHOLE. THE EXISTING MANHOLE HAS A 3' STUB. THE STUB OUT SHALL BE REMOVED AND THE CONTRACTOR SHALL MAKE THE PROPOSED CONNECTION UTILIZING A FLEXIBLE BOOT. NOTE THE PUBLIC PORTION OF THE LATERALS SHALL BE 4" PVC.
3. ALL DRIVEWAYS, MAILBOXES, ETC. DISTURBED BY CONSTRUCTION SHALL BE REPAIRED TO ORIGINAL EXISTING CONDITION IMMEDIATELY FOLLOWING PROPOSED IMPROVEMENTS.
4. VDOT SHALL BE NOTIFIED PRIOR TO ANY WORK IN THE RIGHT-OF-WAY. THE G.C. SHALL COORDINATE MAINTENANCE OF TRAFFIC PLAN WITH VDOT PRIOR TO CONSTRUCTION.
5. THE DEVELOPER SHALL OBTAIN A V.S.M.P. PERMIT FROM THE DEPARTMENT OF CONSERVATION AND RECREATION PRIOR TO ANY LAND DISTURBANCE. THE G.C. SHALL MAINTAIN A COPY OF THE REGISTRATION ALONG WITH THE S.W.P.P. ON-SITE AT ALL TIMES WITH THE APPROVED SET OF CONSTRUCTION PLANS STAMPED BY THE COUNTY OF ROANOKE APPROVED FOR CONSTRUCTION.

RIGHT OF WAY NOTES:

1. A REVIEW SHOULD BE MADE PRE-CONSTRUCTION AND POST-CONSTRUCTION TO ENSURE THAT THERE IS NO PONDING OF WATER WITHIN THE VDOT RIGHT OF WAY AT THE INTERSECTION OF NORTH LAKES DRIVE.
2. IT IS THE DEVELOPERS RESPONSIBILITY TO REPAIR AND/OR REPLACE ANY EXISTING STRUCTURES DAMAGED WHILE TYING INTO THE EXISTING UTILITY LINES/STRUCTURES.
3. ALL OF THE RESIDENTIAL DRIVEWAYS SHALL HAVE A VDOT STANDARD CONCRETE ENTRANCE IN THE RIGHT OF WAY FOR A DIRECT CONNECTION TO THE PRIVATE DRIVEWAY.

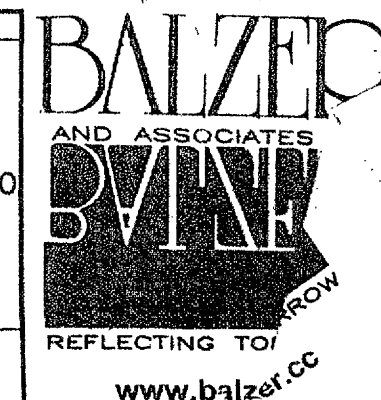
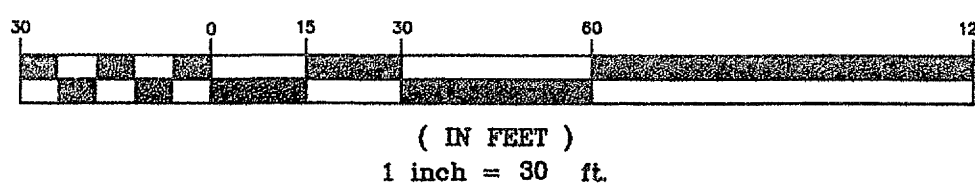
HOUSE ELEVATION NOTES:

FFE = HIGHEST FLOOR ELEVATION
FDE = FRONT DOOR ELEVATION
GAR = GARAGE ELEVATION
BASEMENT = LOWEST FLOOR ELEVATION

SANITARY SEWER MANHOLE AND MIN. F.F. ELEVATION

LOT	DOWNSTREAM MANHOLE	DISI.	TOP OF S.S. MAIN	MIN. F.F. ELEVATION	APPROX. F.F. ELEV.
1	EX.	73'	1225.08	1228.08	1230
2	EX.	188'	1226.81	1229.81	1230
3	EX.	188'	1226.81	1229.81	1231
4	S.S. MH A	0'	1227.32	1230.32	1232
5	EX.	219'	1227.28	1230.28	1238
6	EX.	219'	1227.28	1230.28	1238
7	EX.	125'	1225.86	1228.86	1237.5
8	EX.	125'	1225.86	1228.86	1236.5

GRAPHIC SCALE

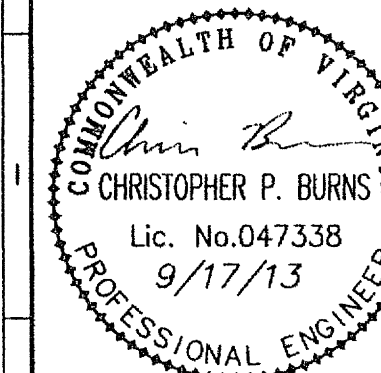


New River Valley
Richmond
Roanoke
Shenandoah Valley

RESIDENTIAL LAND DEVELOPMENT ENGINEERING
SITE DEVELOPMENT ENGINEERING
LAND USE PLANNING & ZONING
LANDSCAPE ARCHITECTURE
LAND SURVEYING
ARCHITECTURE
STRUCTURAL ENGINEERING
TRANSPORTATION ENGINEERING
ENVIRONMENTAL & SOIL SCIENCE
WETLAND DELINEATIONS & STREAM EVALUATIONS

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GREEN TREE SUBDIVISION
GRADING PLAN
CATAWBA DISTRICT
ROANOKE COUNTY, VIRGINIA

DRAWN BY BTC
DESIGNED BY BTC
CHECKED BY CPB
DATE 10-12-2012
SCALE 1"=30'
REVISIONS:
1-21-2013
9-17-2013

SHEET NO.

C05

JOB NO. R1100082.00