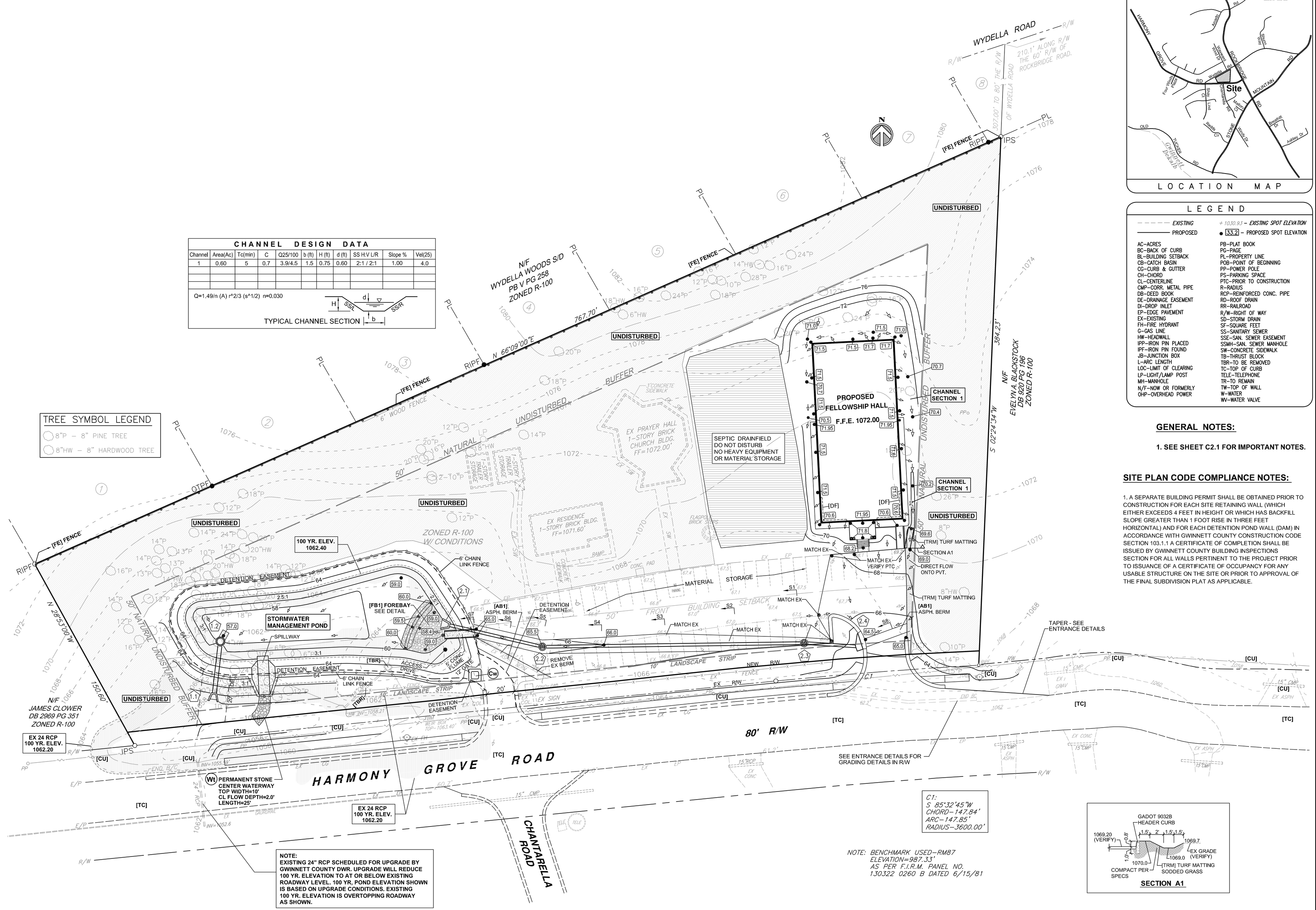

CHANNEL DESIGN DATA

Channel	Area(Ac)	Tc(min)	C	Q25/100	b (ft)	H (ft)	d (ft)	SS H:V L/R	Slope %	Vel(25)
1	0.60	5	0.7	3.9/4.5	1.5	0.75	0.60	2:1 / 2:1	1.00	4.0

Q=1.49/n (A) r^2/3 (s^1/2) n=0.030

TYPICAL CHANNEL SECTION

TREE SYMBOL LEGEND

8"P – 8" PINE TREE

8"HW – 8" HARDWOOD TREE

LOCATION MAP

LEGEND

----- EXISTING	+ 1030.93 – EXISTING SPOT ELEVATION
——— PROPOSED	● 33.2 – PROPOSED SPOT ELEVATION

AC–ACRES
BC–BACK OF CURB
BL–BUILDING SETBACK
CB–CATCH BASIN
CG–CURB & GUTTER
CH–CHORD
CL–CENTERLINE
CMP–CORR. METAL PIPE
DB–DEED BOOK
DE–DRAINAGE EASEMENT
DI–DROP INLET
EP–EDGE PAVEMENT
EX–EXISTING
FH–FIRE HYDRANT
G–GAS LINE
HW–HEADWALL
IPP–IRON PIN PLACED
IPF–IRON PIN FOUND
JB–JUNCTION BOX
L–ARC LENGTH
LOC–LIMIT OF CLEARING
LP–LIGHT/LAMP POST
MH–MANHOLE
N/F–NOW OR FORMERLY
OHP–OVERHEAD POWER

PB–PLAT BOOK
PG–PAGE
PL–PROPERTY LINE
POB–POINT OF BEGINNING
PP–POWER POLE
PS–PARKING SPACE
PTC–PRIOR TO CONSTRUCTION
R–RADIUS
RCP–REINFORCED CONC. PIPE
RD–ROOF DRAIN
RR–RAILROAD
R/W–RIGHT OF WAY
SD–STORM DRAIN
SF–SQUARE FEET
SS–SANITARY SEWER
SSE–SAN. SEWER EASEMENT
SSMH–SAN. SEWER MANHOLE
SW–CONCRETE SIDEWALK
TB–THRUST BLOCK
TBR–TO BE REMOVED
TC–TOP OF CURB
TELE–TELEPHONE
TR–TO REMAIN
TW–TOP OF WALL
W–WATER
WV–WATER VALVE

GENERAL NOTES:

1. SEE SHEET C2.1 FOR IMPORTANT NOTES.

SITE PLAN CODE COMPLIANCE NOTES:

1. A SEPARATE BUILDING PERMIT SHALL BE OBTAINED PRIOR TO CONSTRUCTION FOR EACH SITE RETAINING WALL (WHICH EITHER EXCEEDS 4 FEET IN HEIGHT OR WHICH HAS BACKFILL SLOPE GREATER THAN 1 FOOT RISE IN THREE FEET HORIZONTAL) AND FOR EACH DETENTION POND WALL (DAM) IN ACCORDANCE WITH GWINNETT COUNTY CONSTRUCTION CODE SECTION 103.1.1 A CERTIFICATE OF COMPLETION SHALL BE ISSUED BY GWINNETT COUNTY BUILDING INSPECTIONS SECTION FOR ALL WALLS PERTINENT TO THE PROJECT PRIOR TO ISSUANCE OF A CERTIFICATE OF OCCUPANCY FOR ANY USABLE STRUCTURE ON THE SITE OR PRIOR TO APPROVAL OF THE FINAL SUBDIVISION PLAT AS APPLICABLE.

NOTE:
EXISTING 24" RCP SCHEDULED FOR UPGRADE BY GWINNETT COUNTY DWR. UPGRADE WILL REDUCE 100 YR. ELEVATION TO AT OR BELOW EXISTING ROADWAY LEVEL. 100 YR. POND ELEVATION SHOWN IS BASED ON UPGRADE CONDITIONS. EXISTING 100 YR. ELEVATION IS OVERTOPPING ROADWAY AS SHOWN.

DATE	REVISIONS
10-15-10	REVISED PER COUNTY COMMENTS
02-28-11	REVISED PER COUNTY COMMENTS
03-01-11	REVISED PER COUNTY COMMENTS
04-18-11	REVISED PER COUNTY COMMENTS ADD MODIFICATION NOTE

GEORGIA
REGISTERED
No. 22553
PROFESSIONAL
ENGINEER
PRESTON W. HOBBY

GSWCC LEVEL II – 0000006886

COPYRIGHT: PWH ENGINEERING, INC. THIS DRAWING AND DESIGN SHALL NOT BE USED, TRANSFERRED, REPRODUCED, OR RELEASED WITHOUT WRITTEN PERMISSION FROM THE ENGINEER.

PWH engineering
CIVIL ENGINEERING
SITE DEVELOPMENT
3583 SOUTH COBB DRIVE • SMYRNA, GA 30080 • PH: 770-433-8190 • FAX: 770-433-8190

ISSUE FOR PERMIT: 01-27-09
JOB No. 08180 | SCALE: 1"=30'

OWNER - DEVELOPER
Greater Atlanta Vedic Temple Society
2189 SPENCERS WAY
STONE MOUNTAIN, GA 30087
PHONE: 678-662-8895

A NEW FELLOWSHIP BUILDING
Greater Atlanta Vedic Temple
492 HARMONY GROVE ROAD LILBURN, GA 30247
LL 115 - 6TH DISTRICT PARCEL 019A
GWINNETT COUNTY, GEORGIA

GRADING PLAN

C3