



DRY WELL DESIGN

IMPERVIOUS ROOF AREA: 1092 S.F.
 DRY WELL SHALL BE DESIGNED TO STORE THE FIRST ONE INCH OF RAINFALL FROM THE PROPOSED DWELLING. REQUIRED DRY WELL STORAGE VOLUME: 1092 S.F. X 1" / 12" = 91 cu. ft.

DRY WELL DESIGN

ASSUME VOID RATIO = 0.35
 10' X 12' X 2.5' X 0.35 = 105 CU. FT.
 105 > 91 DRY WELL O.K.

MAXIMUM BUILDING COVERAGE 25%
 PROPOSED PARCEL 1 = 1176 S.F. / 16,023 S.F. = 7.34%
 EXISTING PARCEL 1 = N/A.
 PROPOSED PARCEL 2 = 1480 S.F. / 14,753 S.F. = 10.03%
 EXISTING PARCEL 2 = 1480 S.F. / 26,276 S.F. = 5.63%

MAXIMUM IMPERVIOUS COVERAGE 45%
 PROPOSED PARCEL 1 = 1392 S.F. / 16,023 S.F. = 8.70%
 EXISTING PARCEL 1 = N/A.
 PROPOSED PARCEL 2 = 2405 S.F. / 14,753 S.F. = 16.34%
 EXISTING PARCEL 2 = 2405 S.F. / 26,276 S.F. = 9.22%

USABLE LOT AREA PROPOSED PARCEL 1
 AREA OF WETLANDS = 975 S.F. UNUSABLE LAND
 PROPOSED AREA = 16,023 S.F. - 975 S.F.
 = 15,048 S.F. USABLE LAND PARCEL 1

EROSION & SEDIMENT CONTROL NOTES.

1. THE PROPOSED CONSTRUCTION IS TO BE ENCLOSED BY A SILT FENCE TO PREVENT OFF SITE RUNOFF AND RUNOFF INTO THE EXISTING WETLAND AREA. SEE LOCATION OF SILT FENCE ON PLAN.
2. A CONSTRUCTION ENTRANCE WILL BE INSTALLED TO REDUCE THE AMOUNT OF SEDIMENT LEAVING THE SITE.
3. THE CONTRACTOR IS RESPONSIBLE TO KEEP THE ROADWAYS CLEAN DURING CONSTRUCTION
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTAINING SOIL STOCKPILES & REDUCING SEDIMENT MIGRATION FROM THE STOCKPILES.

WETLANDS AREA WAS FLAGGED BY: NATURAL RESOURCE SERVICES INC. P.O. BOX 311 HARRISVILLE R.I. 02830

PLAT REFERENCE

PLAT ENTITLED "LOCATION OF EASEMENT ACROSS LAND N/F OF RAYMOND & JUDITH I. VARGAS DWG #L-8265 B BY: Maquire Group Inc. for ALGONQUIN GAS TRANSMISSION COMPANY.
 STATE HIGHWAY PLAT NO. 1288

PLANNING BOARD CERTIFICATION

I DO HEREBY CERTIFY THIS SUBDIVISION PLAT HAS MET THE REQUIREMENTS OF THE EAST PROVIDENCE LAND DEVELOPMENT & SUBDIVISION REVIEW RULES, AND IS NOW ELIGIBLE FOR RECORDING.

PLANNING BOARD CHAIRPERSON _____ DATE _____

ZONING CERTIFICATION

I DO HEREBY CERTIFY THAT THE LOTS SHOWN ON THE SUBDIVISION PLAT MEET THE SCHEDULE OF AREA & OTHER DIMENSIONAL PROVISIONS OF CHAPTER 19, ZONING, OF THE REVISED ORDINANCES OF EAST PROVIDENCE.

ZONING OFFICER _____ DATE _____

RECORDING CERTIFICATION _____

STREET INDEX. VANDERLAND AVENUE.

