6" PLASTIC PIPE
SCHED. 40
5'± COVER
STORMWATER
CATCH BASIN, SEE
DETAIL 3

8'-91234" STONE
RET. WALL AS
PER ENGINEER

6" PLASTIC STORM
DRAIN SCHED. 40
PROPOSED
STORMTECH
MC-3500
CHAMBERS (TYP)

C.I. GRATE
BEDDING IN
CLEAN SAND

PROPOSED GRADE ±
WEEP HOLE
APPROX. GWT
AS PER SB&H

60'± COVER
STORMTECH MC-3500
CHAMBERS, SEE
DETAIL 2 ON SW2.0

PARKING AREA
PARKING AREA
PARKING AREA
DOWNSPOUT
FROM ROOF (TYP)
CATCH BASIN (TYP)
CATCH BASIN SEE DETAIL A (TYP)
6"Ø PVC PIPE SCHEDULE 40 (TYP)
6"Ø PVC PIPE SCHEDULE 40 (TYP)
COMMERCIAL ENTERANCE
(BELOW GRADE)
8'-91234" DEEP
34" STONE

 DRIVEWAY TO BE COVERED WITH
COBBLE STONE PAVERS.

REINFORCED CONCRETE
RETAINING WALLS
PARKING AREA COVERED
IN PEA-STONE
WEAR-SURFACE TO BE
34" COMPACTED STONE.

PITCH
WALWAY PIPE TO DRAIN IN C.B.

DRIVEWAY TO BE COVERED WITH
COBBLE STONE PAVERS.

VETERAN’S
PARK
INSPECTION
PORT, SEE DETAIL
1 ON SW2.0

6" PIPE ALONGSIDE
SUNKEN WALKWAY
6" PIPE ALONGSIDE
SUNKEN WALKWAY

ADDRESS:
JOHN
OLLEY, PE
CIVIL, STRUCTURAL & SOILS ENGINEERING
RESIDENTIAL DESIGN
PO BOX 1858 VINEYARD HAVEN, MASSACHUSETTS 02568
TEL: 508-693-5153
office@lolleype.com

PLAN NAME:
4 STATE ROAD,
VINEYARD HAVEN, MA
PARCEL ID: 9-A-6

JOB NUMBER:
21091
SEE PLANS
SCALE:
ISSUED FOR:
DATE:
DRAWN BY:
CHECK BY:
CHECK SET
9.17.21
VMC
DATE:
17 SEP 2021

STORMWATER MANAGEMENT:
DESIGN STORM - 25-YEAR
DURATION - 24HR
DUKE’S COUNTY:
25-YEAR, 24HR STORM = 5.8"/HR
GENERAL POOR DRAINAGE,
BASED ON SITE INSPECTION.
SOIL TYPES INCLUDE SAND,
POSSIBLE STRATIFIED CLAY/SILTS,
AND INORGANIC SILTS.
SOIL PERMEABILITY ESTIMATED TO
BE 10-5 CM/SEC

PVC PIPE FLOW:
Ø = 6"
FLOW VELOCITY = 6.45FT/S
FLOW DISCHARGE = 1.266FT
3/S

SW 1.0