GENERAL NOTES:

1. THE TEMPORARY SEDIMENT TRAP SHALL MEET ALL REQUIREMENTS FOR TEMPORARY SEDIMENT TRAPS OUTLINED IN THE RHODE ISLAND SOIL EROSION AND SEDIMENT CONTROL HANDBOOK (LATEST REVISION) SECTION SIX: SEDIMENT CONTROL MEASURES
2. THE TEMPORARY SEDIMENT TRAP MUST PROVIDE A STORAGE VOLUME FOR ONE INCH OF RUNOFF FROM THE CONTRIBUTING AREA. HALF OF THE STORAGE MUST BE PROVIDED IN THE FORM OF WET STORAGE. SEE DETAIL BELOW SECTION 6 OF THE RISESCH.
3. ALL CUT AND FILL SLOPES MUST BE 2:1 OR FLATTER EXCEPT FOR THE EXCAVATED WET STORAGE AREA WHERE SLOPES MUST NOT EXCEED 1.5:1.
4. THE OUTLET MUST BE LOCATED AT THE MOST DISTANT HYDRAULIC POINT FROM THE INLET.
5. THE OUTLET CONSISTS OF A PERVIOUS STONE DIKE WITH A CORE OF MODIFIED RIPRAP AND FACED ON THE UPSTREAM SIDE WITH STONE.
6. TEMPORARY SEDIMENT TRAPS MUST OUTLET ONTO STABILIZED GROUND.
7. MAXIMUM HEIGHT OF A TEMPORARY SEDIMENT TRAP EMBANKMENT IS LIMITED TO 5 FEET (BOTTOM OF DRY STORAGE TO TOP OF EMBANKMENT). TOTAL EMBANKMENT HEIGHT MUST NOT EXCEED 6 FEET (BOTTOM OF WET STORAGE TO TOP OF EMBANKMENT).
8. SIDE SLOPES OF THE EMBANKMENT MUST BE 2:1 OR FLATTER.
9. MODIFIED RIPRAP: SHALL MEET THE REQUIREMENTS OF RIDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION SUBSECTION M.10.03.2.
10. FILTER STONE: SHALL MEET THE REQUIREMENTS OF RIDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION SUBSECTION M.01.03 TABLE I, COLUMN V FILTER STONE.

SEDIMENT TRAP DIMENSIONS*	TRAP A	B
TRIBUTARY DRAINAGE AREA	1,200SF	240
WET STORAGE DEPTH (Dw)	1	1'
DRY STORAGE DEPTH (Dd)	1	1'
TOTAL DEPTH (D)	2	2'
BOTTOM OF TRAP AREA (Ab)	30SF	16
WETTED SURFACE AREA (Aw)	48SF	12
SURFACE AREA AT OUTLET (Ad)	60SF	20

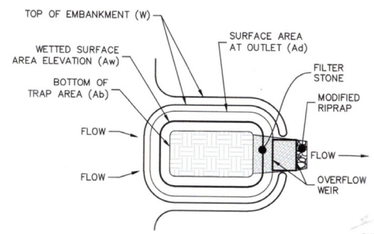
*TRAP DIMENSIONS REPRESENT MINIMUM REQUIRED SIZING TO MEET THE RISESCH. CONTRACTOR MAY SHAPE TRAP DIFFERENTLY THAN SHOWN ON PLANS AS LONG AS THE MINIMUM SIZING HAS BEEN PROVIDED.

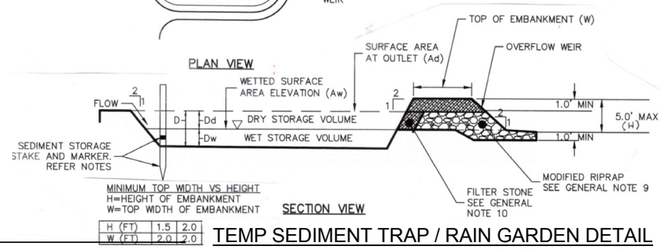
INSPECTION, MAINTENANCE, AND REMOVAL REQUIREMENTS:

1. INSTALL "SEDIMENT STORAGE" STAKE WITH A MARKER AT ONE HALF OF THE WET STORAGE VOLUME.
2. INSPECT THE TEMPORARY SEDIMENT TRAP AT LEAST ONCE A WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A RAINFALL AMOUNT OF 0.25 INCH OR GREATER.
3. CHECK THE OUTLET TO ENSURE THAT IT IS STRUCTURALLY SOUND AND HAS NOT BEEN DAMAGED BY EROSION OR CONSTRUCTION EQUIPMENT.
4. CHECK FOR SEDIMENT ACCUMULATION AND FILTRATION PERFORMANCE.
5. WHEN SEDIMENTS HAVE ACCUMULATED TO ONE HALF THE MINIMUM REQUIRED VOLUME OF THE WET STORAGE, DEWATER THE TRAP AS NEEDED, REMOVE SEDIMENTS AND RESTORE THE TRAP TO ITS ORIGINAL DIMENSIONS.
6. DISPOSE OF THE SEDIMENT REMOVED FROM THE BASIN IN A SUITABLE AREA AS DESIGNATED BY THE GEOTECHNICAL ENGINEER.
7. THE TEMPORARY SEDIMENT TRAP MAY BE REMOVED AFTER THE CONTRIBUTING DRAINAGE AREA IS STABILIZED.

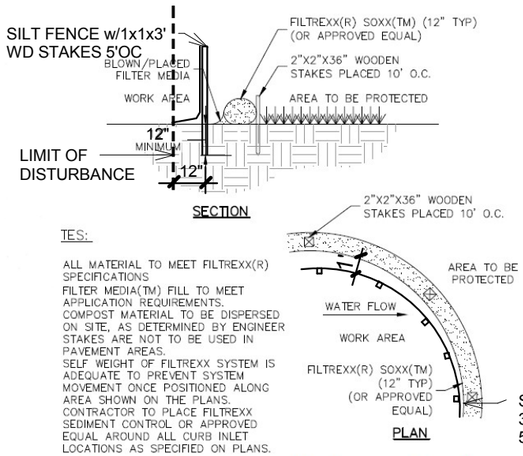
INSTALLATION NOTES:

1. CLEAR, GRUB AND STRIP ANY VEGETATION AND ROOT MAT FROM ANY PROPOSED EMBANKMENT AND OUTLET AREA.
2. REMOVE STONES AND ROCKS WHOSE DIAMETER IS GREATER THAN THREE (3) INCHES AND OTHER DEBRIS.
3. EXCAVATE WET STORAGE AND CONSTRUCT THE EMBANKMENT AND/OR OUTLET AS NEEDED TO ATTAIN THE NECESSARY STORAGE REQUIREMENTS.
4. USE ONLY FILL MATERIAL FOR THE EMBANKMENT THAT IS FREE FROM EXCESSIVE ORGANICS, DEBRIS, LARGE ROCKS (OVER SIX (6) INCHES) OR OTHER UNSUITABLE MATERIALS. COMPACT THE EMBANKMENT IN 9–INCH LAYERS BY TRAVERSING WITH EQUIPMENT WHILE IT IS BEING CONSTRUCTED
5. STABILIZE THE EARTHEN EMBANKMENT USING ANY OF THE FOLLOWING MEASURES: SEEDING FOR TEMPORARY VEGETATION COVER; SEEDING FOR PERMANENT VEGETATIVE COVER; OR SLOPE PROTECTION, IMMEDIATELY AFTER INSTALLATION





TEMP SEDIMENT TRAP / RAIN GARDEN DETAIL



Filtrexx Sediment Control (or Approved Equal)

NOT TO SCALE

Soil Erosion Control

DIVERSION RUNOFF CONVEYANCE MEASURE (SWALE AND/OR BERM)

TEMPORARY SEDIMENT TRAP

EROSION CONTROL (COMPOST SOCK, SILT FENCE (RI STD 9.2.0) OR APPROVED EQUAL)

LIMIT OF DISTURBANCE (NO SEDIMENT CONTROL)

LIMIT OF DISTURBANCE (WITH SEDIMENT CONTROL)

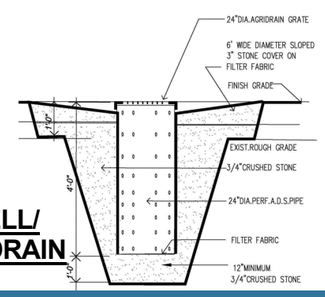
TRIBUTARY AREA TO SESC BMP

CONSTRUCTION ENTRANCE (RIDOT STD 9.9.0)

INFILTRATING AREA (TO BE PROTECTED BY COMPOST SOCK OR SILT FENCE)

FINAL CONTOUR GRADE

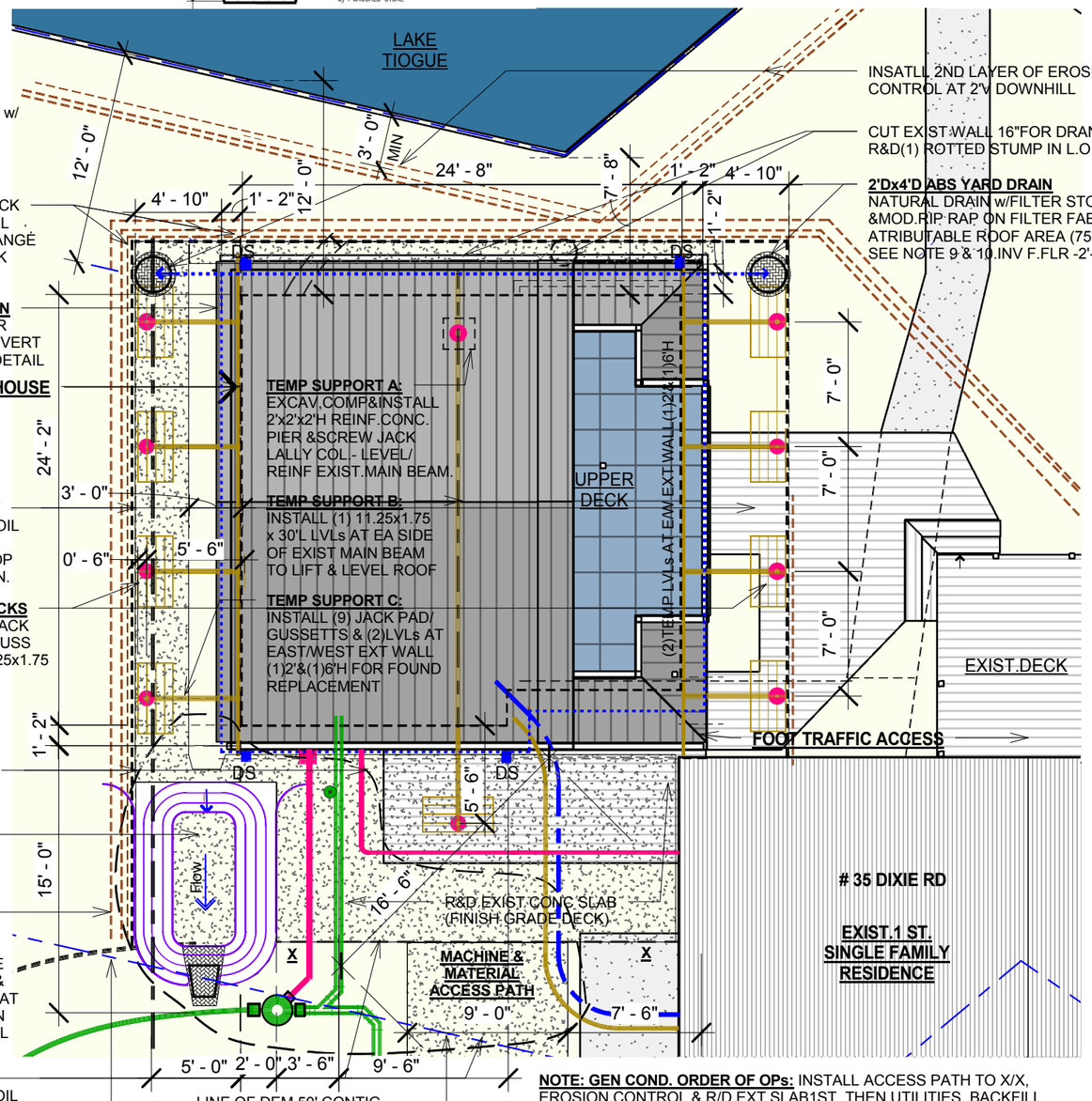
INLET SEDIMENT CONTROL



DRYWELL/ YARD DRAIN

Soil Erosion Control Implementation Phasing

Phase IA– INSTALL EROSION CONTROL SILT FENCE & STONE CONSTRUCTION ENTRANCE, R&D EXTERIOR SLAB, INSTALL UTILITIES, BACKFILL
Phase IB – INSTALL TEMPORARY SEDIMENTATION TRAP, CONSTRUCT CLEAN WATER DIVERSION, INSTALL E/W TEMP GUTTER &TEMP SHORING
Phase II SELECTIVE DEMO, EXCAVATE, 3/4"STONE &PERIM DRAIN
Phase III INSTALL V.B.. INSUL.SKIRT. ICF FORMS&MONOLITHIC SLAB. BACKFILL, STONE 1' PERIM, RAKE BACK WD CHIPS TO STONE, INSTALL **SEDIMENT TRAP B** FILT STONE/RIP RAP UNCAP DRAIN.



LIMIT OF DISTURBANCE LINE (BLACK DASHED LINE) INSTALL/ MAINT DBL DEVICE EROSION CONTROL: (ORANGE DASHED LINE) w/ HAYFILLED SOCK &SILT FENCE SEE DETAIL.

PERFFERATED PERIMERTER DRAIN
4"PVC WRAP w/FILTER FAB UNDER RIGID INSUL 14" OFF FND NAT TO VERT ABS w/ GRATE YARD DRAIN,SEE DETAIL

EXIST.1 ST.ACCESSORY POOLHOUSE
PROPOSED ADU w/ 2ND FLR ADDITION & ALTS TO ADU

3'w TEMP SITE ACCESS PATHWAY
COMPACT EXIST.ORGANIC TOPSOIL
INSTALL 8'w GEOGRID FABRIC
INSTALL MIN 6" WD CHIPS & RETOP AS REQ'D TO SUBST COMPLETION.

TEMP SHORING PAD/GUSSETT/JACKS
(4)2'x4'x6x6 LIFT PADSw/BOTTLE JACK & 6'Lx4'H PLY 2x10/3/4 OSB WD TRUSS GUSSETTS & HANGERS TO (2)11.25x1.75 LVLs AT 1' & 5' A.F.FL. AT 7'-0"OC

EXIST 5'D OPEN EXCAVATION TO REMAIN UNTIL AFTER UTILITY INSTALLATION IS COMPLETE

TEMP SEDIMENT TRAP A.
RESHAPE EXIST.EXCAV.FOR TEMP SEDIMENT TRAP
30SF SEE DETAIL C-2.3

RESTORATION:
AT SUBSTANTIAL COMPLETION: INSTALL 1'wx4"d PEA STONE AT FOUND ON WEED BARRIER. RAKE BACK WD CHIPS TO PEA STONE & 4'H GALV. FARM FENCE w/ GATE. AT pROP LINE. (LEAVE SILT FENCE IN PLACE FOR (1) SEASON & INSTALL 6"L&WILD FLOWER SEED)

TEMP SITE ACCESS PATHWAY
COMPACT EXIST.ORGANIC TOPSOIL
INSTALL 8'w GEOGRID FABRIC
INSTALL MIN 6" WD CHIPS & RETOP AS REQ'D TO SUBST COMPLETION.

TREE PROTECTION
PROTECT TRUNKS OF (2) 24"C EXIST OAK TREES TO REMAIN w/4'H SNOW FENCE

NOTE: GEN COND. ORDER OF OPs: INSTALL ACCESS PATH TO X/X, EROSION CONTROL & R/D EXT.SLAB1ST, THEN UTILITIES, BACKFILL, THEN FORM SEDEMENT TRAP & SURROUND PATHS PRIOR TO SHORING & SEL DEMO.

SITE TEMP COND PLAN
SCALE: 1/8"= 1'-0"

REL. 4
FOR ZBR VARIANCE REQEST
03/12/2026

JOSEPH N. MCPHEE II No. 2749 REGISTERED ARCHITECT

Joseph N. McPhee, II - Architect
Plannning - Architecture - Design / Build
2 0 Westwood Road, Lincoln, RI 02865
401-632-7255 jmcpheearchitect@cox.net

LAKESIDE ACCESSORY DWELLING UNIT
ALTERATIONS & 2ND FLR ADDITION
35 DIXIE ROAD
COVENTRY, RHODE ISLAND

TEMP COND SITE PLAN

Rel/ Issue Date: 02/25/25
Drawn by: JNM, II Checked by: JNM, II

Scale: 1/8" = 1'-0"

C-2.0