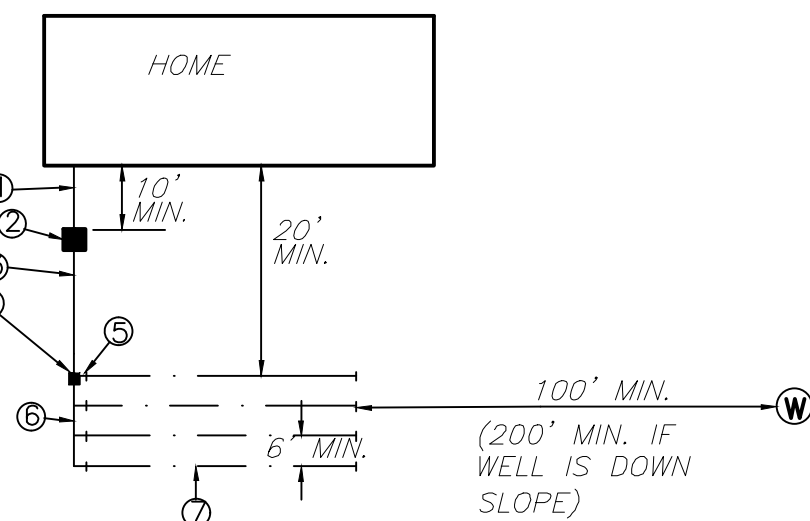
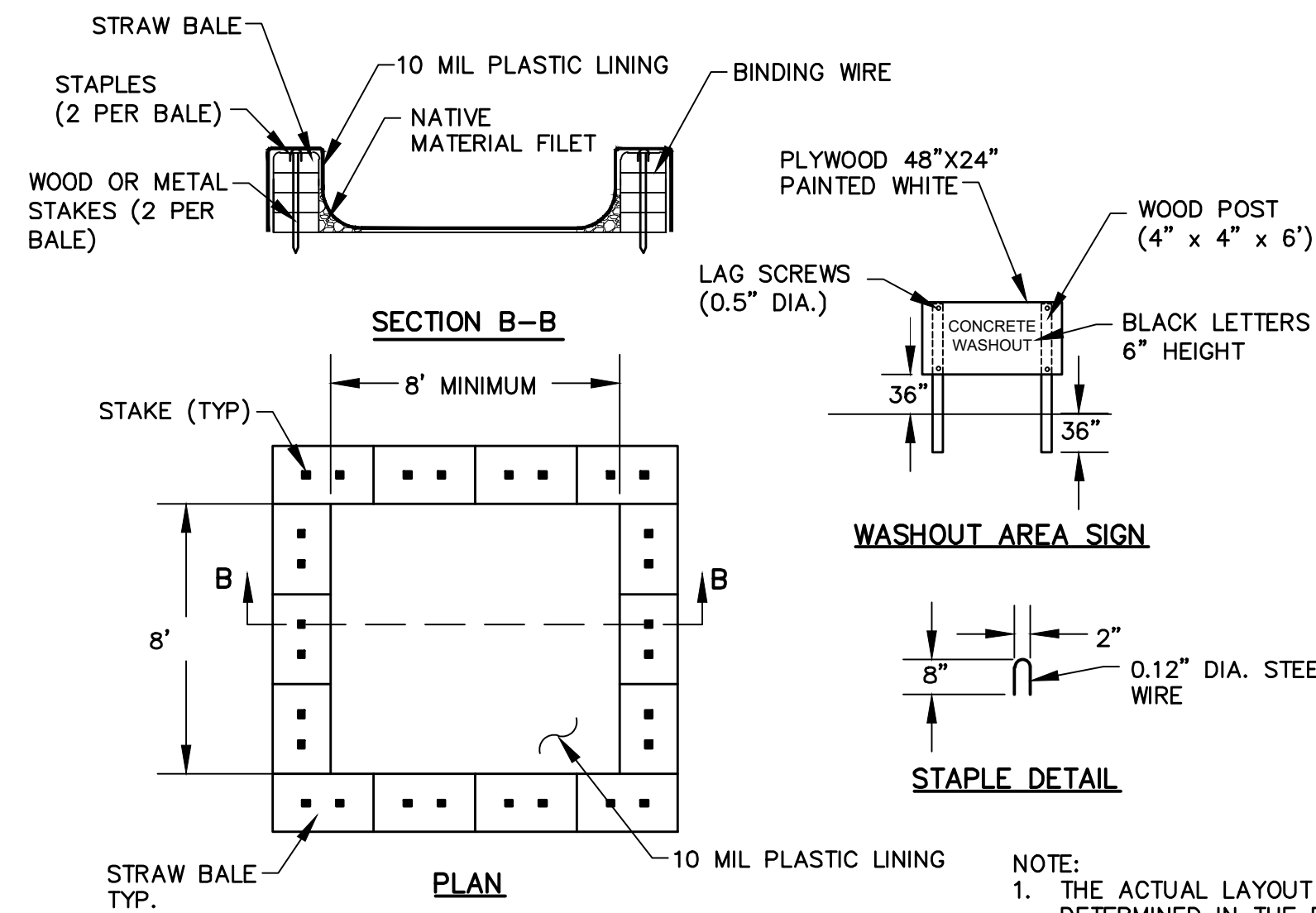


**SPECIFICATIONS:**  
STANDARD AND SHALLOW TRENCH SEPTIC SYSTEM

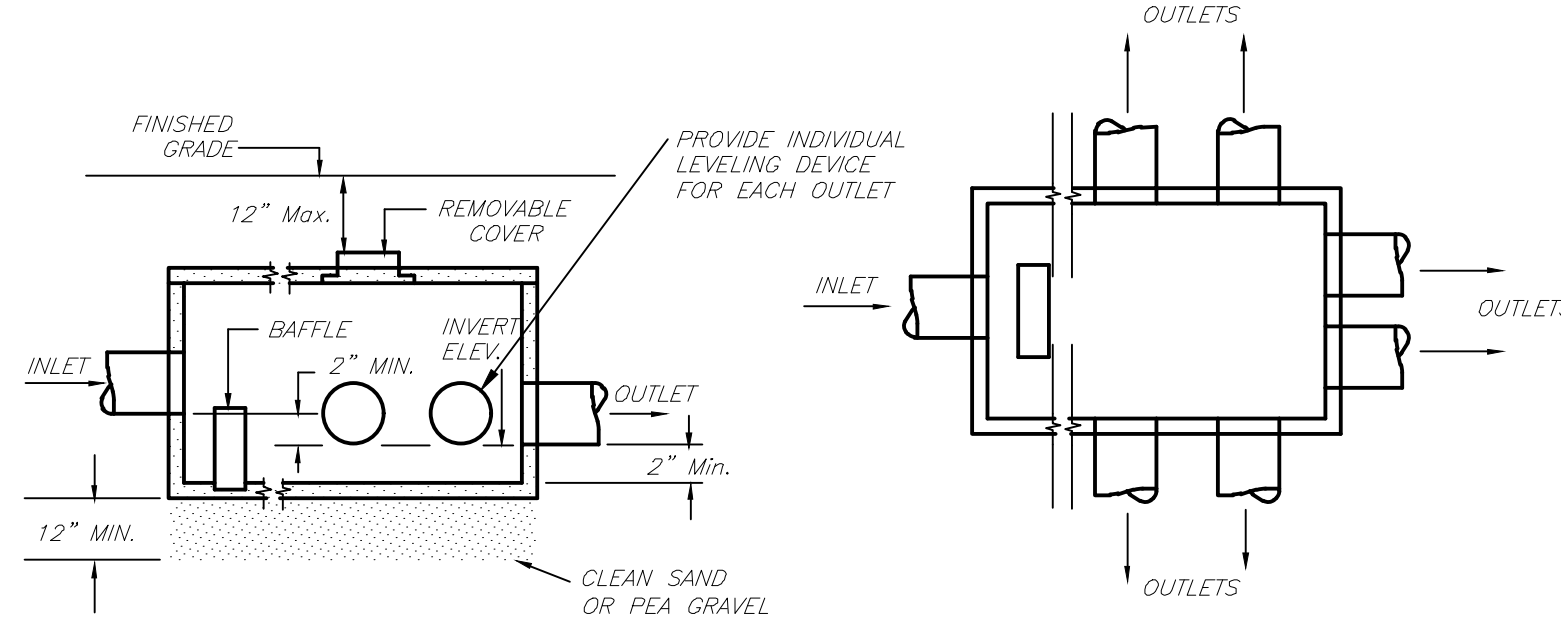
- 4" SDR-21, PVC, TIGHT JOINT @ 1/4" PER FOOT MIN. SLOPE.
- 1250 GAL. (MIN.) PRECAST CONCRETE DUAL CHAMBER SEPTIC TANK WITH ZABEL A-1000 RESIDENTIAL SERIES FILTER AND ACCESS HOLES OVER THE INLET AND OUTLET. LIQUID LEVEL DEPTH TO BE 48".
- 4" SDR-21, PVC, TIGHT JOINT @ 1/8" PER FOOT MIN. SLOPE.
- PRECAST CONCRETE DISTRIBUTION BOX.
- 4" SOLID SDR-21 PVC, TIGHT JOINTS, SLOPE 1/16" TO 1/32" PER FT.
- 4" SOLID SDR-21, PVC, 1/16" @ 1/32" PER FOOT SLOPE.
- 4" PERFORATED SDR-35, PVC, @ 1/32" PER FOOT MIN. SLOPE.



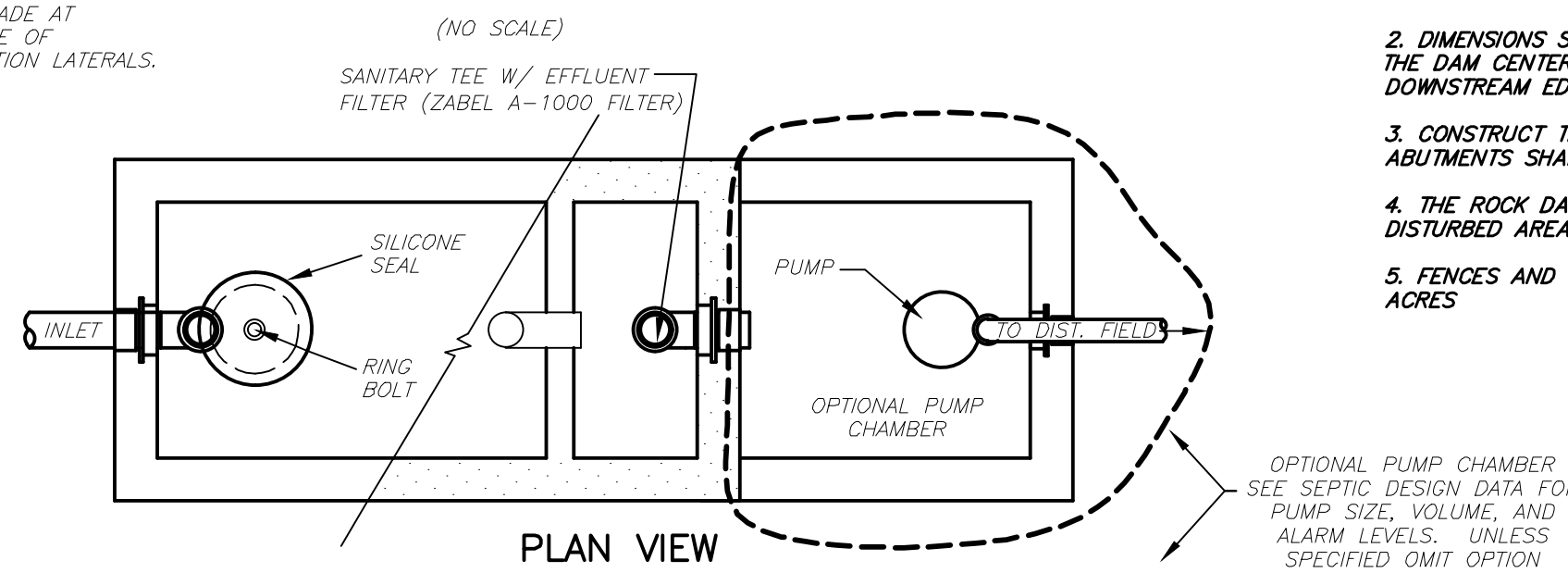
- THE FOLLOWING MINIMUM DISTANCES SHALL BE MAINTAINED:
  - SEPTIC TANK TO BUILDING - 10 FEET
  - DIST. BOX TO BUILDING - 20 FEET
  - LEACH FIELD TO BUILDING - 20 FEET
  - LEACH FIELD TO PROPERTY LINE - 10 FEET
  - LEACH FIELD TO WATER LINE - 10 FEET
  - LEACH LINE TO WATER WELL - 100 FEET
  - CENTER TO CENTER OF LEACH LINES - 6 FEET
- GRADING OF THE LEACH FIELD AREA SHALL PROVIDE FOR POSITIVE DRAINAGE AWAY FROM THE LEACHING SYSTEM.
- STORM WATER, FOOTING DRAINAGE, WATER SOFTENER BACKWASH, AND SURFACE RUN-OFF SHALL BE DISCHARGED AWAY FROM THE LEACHING SYSTEM.
- FLOOR DRAINS, SHALL BE CONNECTED TO THE OIL WATER SEPARATOR
- HEAVY EQUIPMENT SHALL BE RESTRICTED FROM THE LEACH FIELD AREA
- NEITHER PARKING AREAS OR DRIVEWAYS SHALL BE ALLOWED OVER THE LEACH FIELD AREA.
- CONSTRUCTION NOTES:
  - EXCEPT FOR THE BACKHOE USED TO CONSTRUCT THE TRENCHES, HEAVY CONSTRUCTION EQUIPMENT SHALL NOT BE ALLOWED WITHIN THE AREA OF THE SYSTEM.
  - NO STANDING WATER IN THE LEACH FIELD AREA IS ALLOWED.
  - THE TRENCHES SHALL BE COVERED WITH A BARRIER MATERIAL THAT PREVENTS SOIL FROM ENTERING THE AGGREGATE AFTER BACKFILLING YET PERMITS AIR AND MOISTURE TO PASS THROUGH. POLYETHYLENE AND TREATED BUILDING PAPER ARE RELATIVELY IMPERVIOUS AND SHALL NOT BE USED.
  - THE ENTIRE SURFACE OF THE LEACH FIELD, SHALL BE COVERED WITH A MINIMUM OF SIX INCHES OF TOPSOIL, MOVED TO ENHANCE RUNOFF FROM THE SYSTEM AND SEEDED TO GRASS.
- INSPECTION CERTIFICATION MUST BE CONDUCTED BY THE DESIGN ENGINEER SCOTT DEHOLLANDER PE LIC. NO 078953 IN THE FOLLOWING FORMAT:
  - CONTACT SHALL BE MADE WITH A LICENSED NEW YORK STATE PROFESSIONAL ENGINEER AND A SCHEDULE OF CONSTRUCTION SHALL BE PROVIDED PRIOR TO STARTING THE SEPTIC SYSTEM.
  - ENGINEER SHALL INSPECT TRENCHES, DROP BOXES, SEPTIC TANK, PIPING AND OTHER APPURTENANCES PRIOR TO BACKFILL AND PREPARE A "RECORD MAP" TO BE SUBMITTED TO THE OWNER.
  - INSPECTION OF THE FINAL GRADING, DEPTH OF TOPSOIL, SWALES AND ANY OTHER ITEM DEEMED APPROPRIATE BY THE LICENSED PROFESSIONAL ENGINEER.



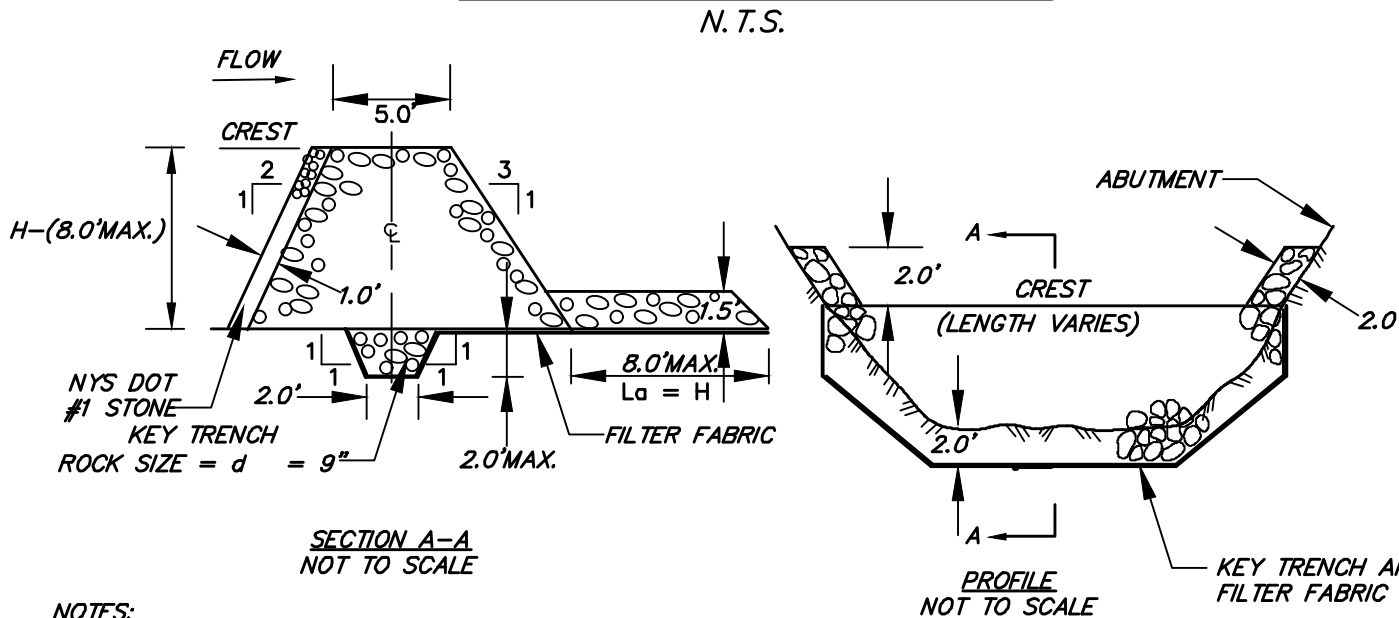
**CONCRETE WASHOUT AREA**  
N.T.S.



**DISTRIBUTION BOX DETAIL**  
N.T.S.

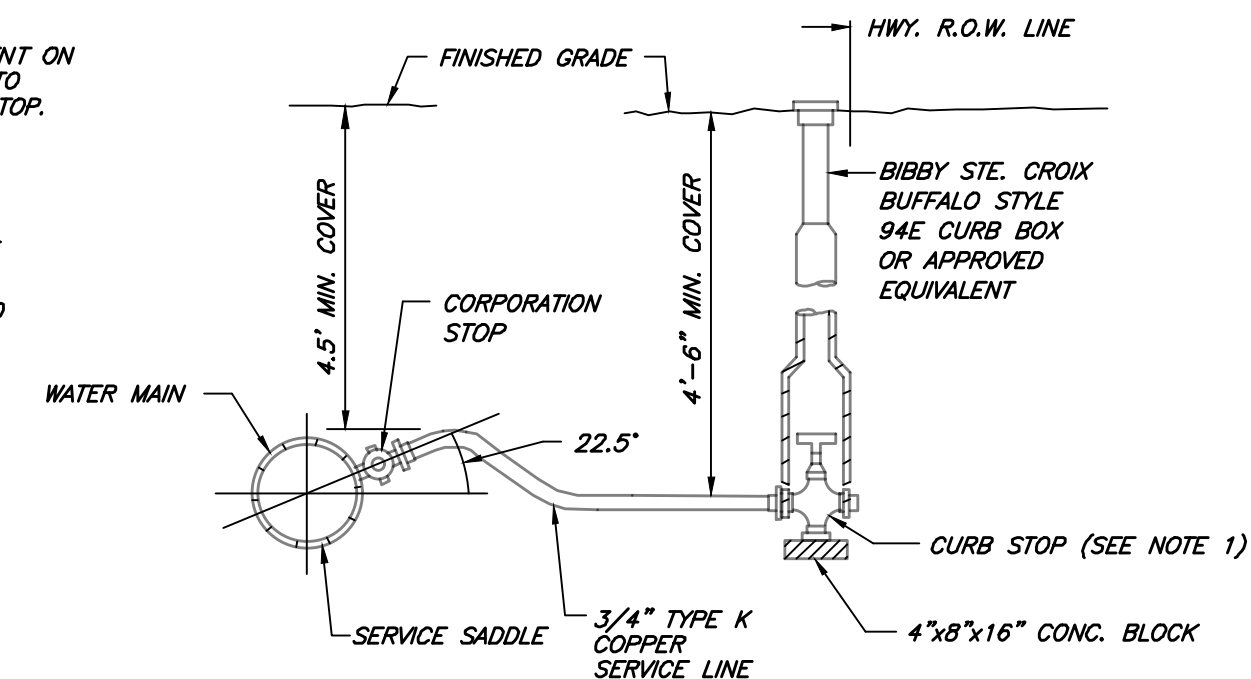


**SILT FENCE DETAIL**  
N.T.S.

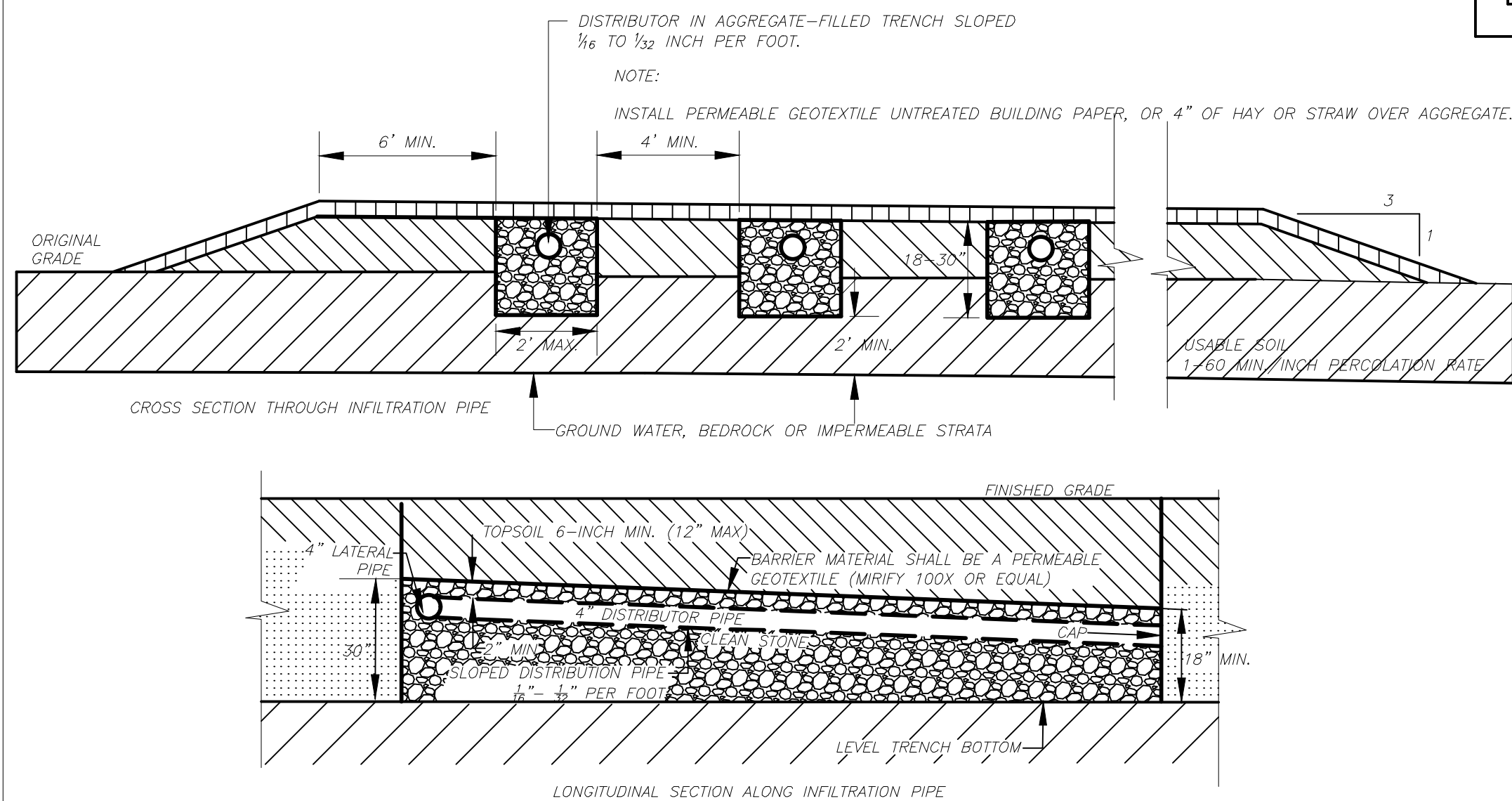


- THE AREA UNDER THE ROCK DAM SHALL BE CLEARED AND STRIPPED OF ROOTS AND OTHER OBJECTIONABLE MATERIAL. THE RESERVOIR SHALL BE CLEARED AS NEEDED TO FACILITATE SEDIMENT REMOVAL.
- DIMENSIONS SHOWN ARE MINIMUM. TRENCH SHALL BE EXCAVATED FROM ABUTMENT TO ABUTMENT ON THE DAM CENTERLINE. FILTER FABRIC SHALL BE PLACED FROM UPSTREAM EDGE OF KEY TRENCH TO DOWNSTREAM EDGE OF APPROX. JOINTS WILL LAP A MINIMUM OF 1 FT. WITH UPSTREAM STRIP ON TOP.
- CONSTRUCT THE ROCK EMBANKMENT TO THE DIMENSIONS SHOWN ON THE DRAWING. ROCK ABUTMENTS SHALL BE MAINTAINED 2 FT. ABOVE THE CREST.
- THE ROCK DAM SHALL BE CONSTRUCTED PRIOR TO CLEARING THE BASIN AREA. STABILIZE ALL DISTURBED AREAS, EXCEPT THE BASIN AREA, WITH TEMPORARY SEEDING.
- FENCES AND WARNING SIGNS SHOULD BE PLACED AS APPROPRIATE. MAXIMUM DRAINAGE AREA: 50 ACRES

**ROCK DAM DETAIL**  
N.T.S.

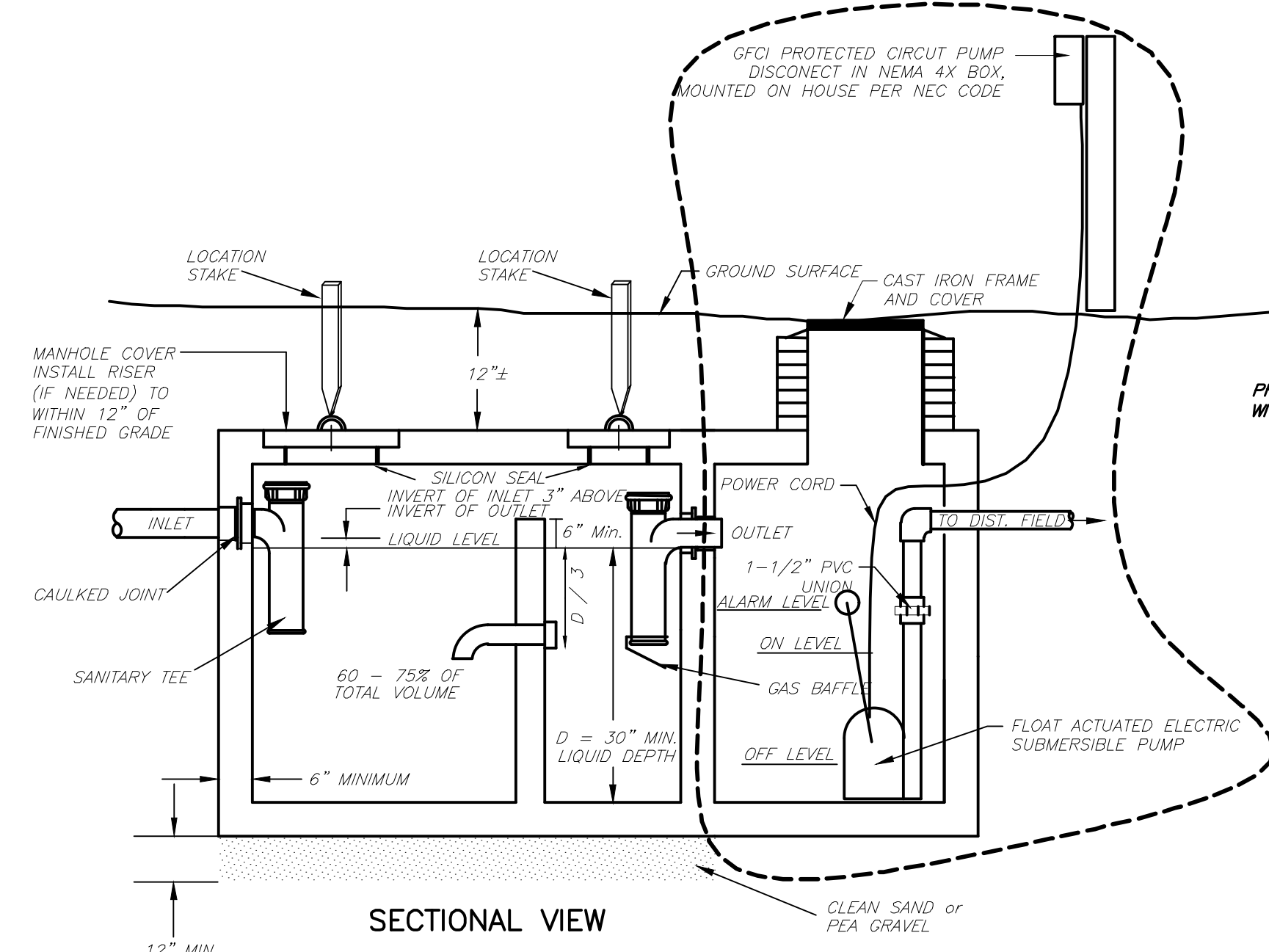


**NEW WATER SERVICE DETAIL**  
N.T.S.

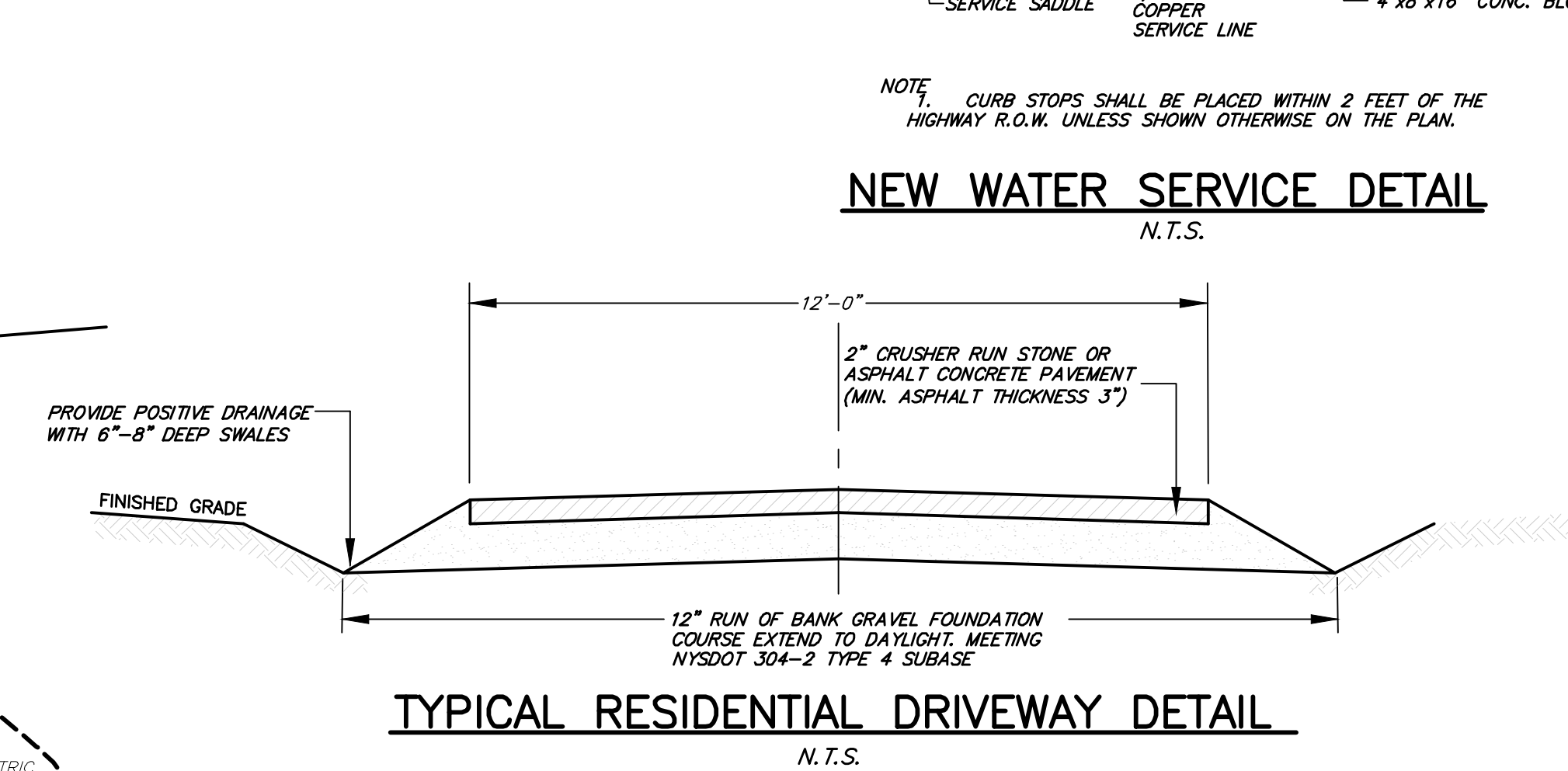


- A SHALLOW ABSORPTION TRENCH IS A "CONVENTIONAL" SYSTEM AS DEFINED BY THE NEW YORK STATE DEPARTMENT OF HEALTH DESING HANDBOOK DATED 1996
- BOTTOM OF ALL TRENCHES SHALL NOT BE ABOVE ORIGINAL USABLE SOIL, AND TRENCHES SHOULD PREFERABLY BE AT LEAST 6" BELOW ORIGINAL GRADE.
- MAXIMUM DEPTH OF USABLE FILL PLUS SIX INCHES OF TOPSOIL SHALL NOT EXCEED 30 INCHES.
- TRENCH BOTTOMS SHALL BE LEVEL. TRENCHES SHALL BE PARALLEL TO GROUND CONTOURS.
- ON SLOPED SITES, A DIVERSION DITCH SHALL BE CONSTRUCTED UPHILL FROM THE FILL TO PREVENT SURFACE RUNOFF FROM ENTERING THE FILL.
- FILL SHALL EXTEND AT LEAST SIX FEET BEYOND ENDS OF TRENCHES BEFORE STARTING 1 ON 3 EDGES OF FILL
- USABLE FILL SHALL BE ONSITE MATERIAL EXCAVATED FROM STONE TRENCHES AND OTHER APPROVED LOCAL BORROW SOURCES HAVING A PERCOLATION RATE SIMILAR TO BUT NOT FASTER THAN THE USABLE SOIL PERCOLATION RATE. PERCOLATION TESTS SHALL BE TAKEN AT THE BORROW PIT TO ASSURE THAT THE PERMEABILITY OF THE FILL MATERIAL IS COMPATIBLE WITH ONSITE PERMEABILITY.

**SHALLOW ABSORPTION TRENCH DETAIL**  
N.T.S.



**TYPICAL SEPTIC TANK WITH PUMP CHAMBER OPTION**  
N.T.S.



**TYPICAL RESIDENTIAL DRIVEWAY DETAIL**  
N.T.S.

**PLAN APPROVALS**

SCALE: AS NOTED  
DES. BY: S. DEHOLLANDER  
DRN. BY: CADD  
PROJECT NO. 000124  
CHECKED BY: DATE: 1/2024  
SHEET NO. 2

**SEQUENCE OF CONSTRUCTION**

- INSTALL EROSION CONTROL FENCE, CHECK DAMS AND PERIMETER SILT FENCE
  - ESTABLISH CONSTRUCTION ENTRANCE - COMPLETED AS PART OF ACCESS CONSTRUCTION
  - REMOVE BRUSH AND TREES WITHIN CLEARING LIMIT
  - CONSTRUCT FOUNDATION
  - BACKFILL FOUNDATION AND FRAME HOUSE
  - ONCE ROOFING IS INSTALLED ESTABLISH DRAINAGE SWALES ON SITE AND DIRECT TO DESIGNED OUTLET
  - ONCE SIDING IS INSTALLED ROUGH GRADE AND TEMP SEED OR STABILIZE DISTURBED AREAS
  - INSTALL DRIVEWAY
  - INSTALL SEPTIC SYSTEM TOP SOIL INFILTRATION AREA AND SEED IMMEDIATELY.
  - REINFORCE ALL STABILIZATION MEASURES, ANY REMOVAL REQUIRES CDE ACCEPTANCE
- NOTE SPECIAL STABILIZATION REQUIREMENTS:**  
ALL LAWN AREAS SHALL BE SEEDDED AND ESTABLISHED TO MEET THE NYSDEC OR LOCAL MSA REQUIREMENTS PRIOR TO ISSUANCE OF A CERTIFICATE OF OCCUPANCY. TEMPORARY STABILIZATION IF REQUIRED SHALL BE MAINTAINED BY THE CONTRACTOR OUTSIDE OF THE GROWING SEASON MAY 1 - OCTOBER 15TH.

**EROSION CONTROL NOTES:**

ALL EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH N.Y.S. GUIDELINES AND LOCAL GOVERNING SOIL AND WATER CONSERVATION AGENCY RECOMMENDATIONS AND STANDARDS. SEE PROJECT SWPPP FOR FULL REQUIREMENTS.

ONLY AREAS NEEDED FOR CONSTRUCTION AS SHOWN ON THESE PLANS SHALL BE DISTURBED.

THE CONTROL OF EROSION AND SEDIMENTATION SHALL BE A CONTINUOUS PROCESS UNDERTAKEN AS NECESSARY PRIOR TO, DURING AND AFTER SITE PREPARATION AND CONSTRUCTION BY THE CONTRACTOR.

DRAINAGE SYSTEMS AND EROSION AND SEDIMENT CONTROL DEVICES SHALL BE MAINTAINED AS FREQUENTLY AS NECESSARY AND REPLACED IF NECESSARY UNTIL SUCH TIME AS A SUBSTANTIAL STAND OF VEGETATION HAS DEVELOPED AND THE POTENTIAL FOR EROSION NO LONGER EXISTS.

THE CONTRACTOR SHALL MAINTAIN SITE CONDITIONS WHICH SHALL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS.

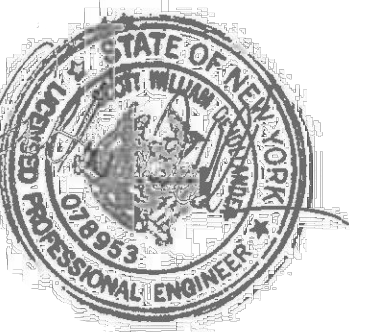
EROSION CONTROL SHALL BE UPDATED AS NECESSARY TO PREVENT THE MIGRATION OF SEDIMENT LOADED RUNOFF FROM LEAVING THE SITE. ADDITIONAL CONTROL MEASURES SHALL BE APPLIED AS ORDERED BY THE ENGINEER.

THE EROSION CONTROL SHOWN HEREIN IS INTENDED TO PROTECT OFFSITE AREAS UNDER MULTIPLE STAGES OF DEVELOPMENT. THE FIRST PHASE OF CONSTRUCTION SHALL BE THE SITE ACCESS ROAD AND CLEARING. SUBSEQUENT PHASES OF EROSION CONTROL INCLUDE THE LOT SPECIFIC DEVICES FOR THE CONSTRUCTION OF THE HOME.

ONCE SITE ACCESS ROAD IS COMPLETE AND DISTURBED AREAS ARE STABILIZED WITH 80% GERMINATION THE TEMPORARY EROSION CONTROL DEVICES MAY BE REMOVED.

EROSION CONTROL FOR EACH HOME SITES SHALL BE INSTALLED AT PROJECT INITIATION AND MAINTAINED THROUGHOUT CONSTRUCTION. TEMPORARY EROSION CONTROL DEVICES MAY BE REMOVED ONCE 80% GERMINATION OF FINAL GRADED AREA HAS BEEN ACHIEVED.

AN NYSDEC NOI IS IN EFFECT FOR THIS PROJECT.



| NO. | REVISIONS | BY | DATE |
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|     |           |    |      |

SIGNATURE  
TOWN PLANNING BOARD CHAIRPERSON

SIGNATURE  
TOWN ENGINEER

PROJECT NAME:  
**LOT 4 SCOUT PLAINS SUBDIVISION**  
TOWN OF FARMINGTON  
ONTARIO COUNTY, NEW YORK

PROPERTY OWNER:  
PROPERTY OF  
**SCOTT W. DHOLLANDER,**  
7346 DRYER ROAD, VICTOR  
ONTARIO COUNTY, NEW YORK

DRAWING TITLE:  
FINAL APPLICATION  
**DETAILS**

SCALE: AS NOTED  
DES. BY: S. DEHOLLANDER  
DRN. BY: CADD  
PROJECT NO. 000124  
CHECKED BY: DATE: 1/2024  
SHEET NO. 2