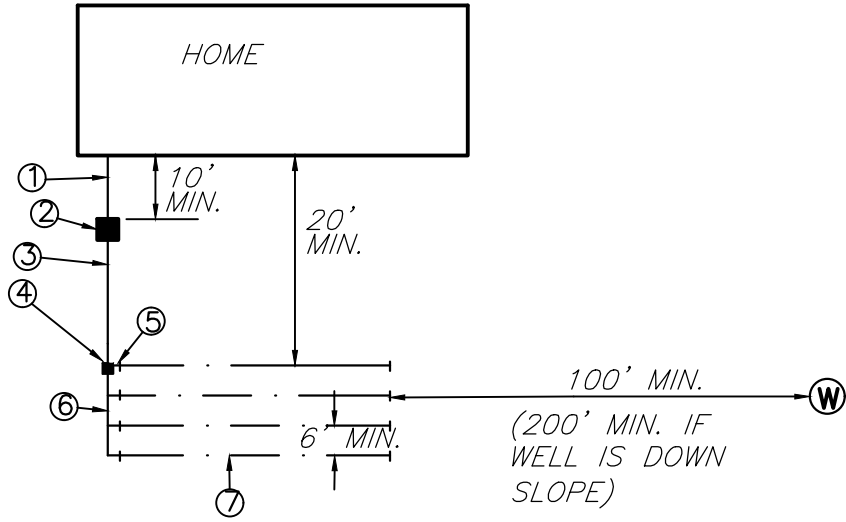


SPECIFICATIONS:
STANDARD AND SHALLOW TRENCH SEPTIC SYSTEM

1. 4" SDR-21, PVC, TIGHT JOINT @ 1/4" PER FOOT MIN. SLOPE.
2. 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".
3. 4" SDR-21, PVC, TIGHT JOINT @ 1/8" PER FOOT MIN. SLOPE.
4. PRECAST CONCRETE DISTRIBUTION BOX.
5. 4" SOLID SDR-21 PVC, TIGHT JOINTS, SLOPE 1/16" TO 1/32" PER FT.
6. 4" SOLID SDR-21, PVC, 1/16" @ 1/32" PER FOOT SLOPE.
7. 4" PERFORATED SDR-35, PVC, @ 1/32" PER FOOT MIN. SLOPE.

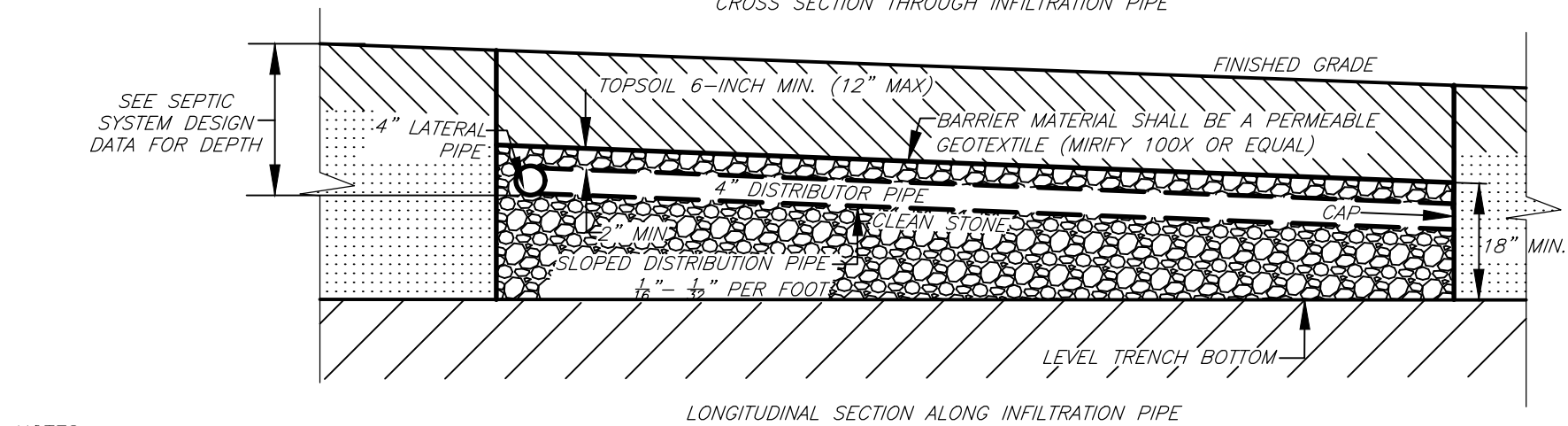
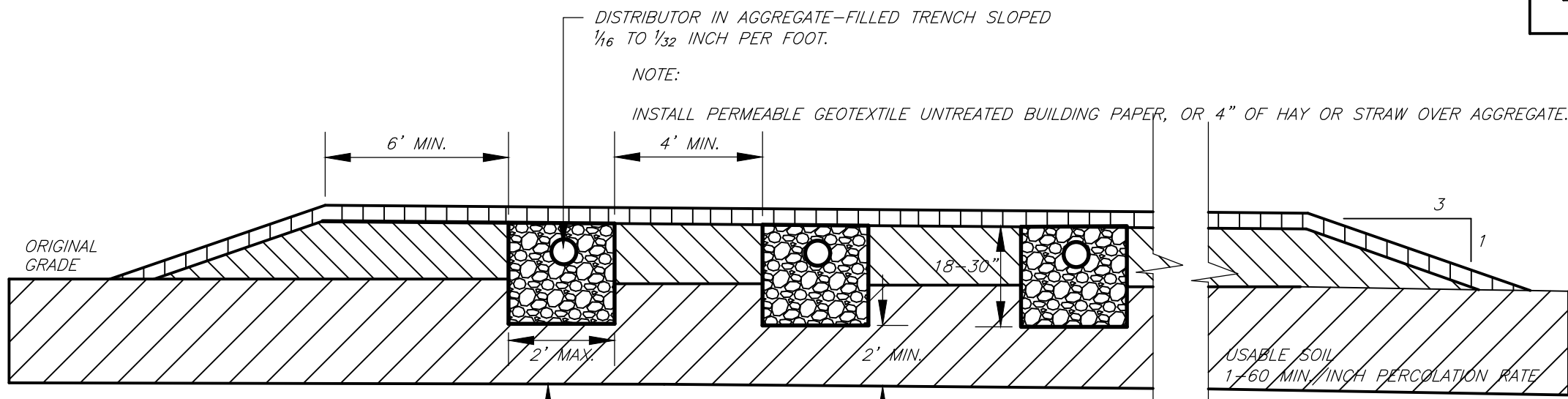


8. THE FOLLOWING MINIMUM DISTANCES SHALL BE MAINTAINED:

- A. SEPTIC TANK TO BUILDING - 10 FEET
 - B. DIST. BOX TO BUILDING - 20 FEET
 - C. LEACH FIELD TO BUILDING - 20 FEET
 - D. LEACH FIELD TO PROPERTY LINE - 10 FEET
 - E. LEACH FIELD TO WATER LINE - 10 FEET
 - F. LEACH LINE TO WATER WELL - 100 FEET
 - G. CENTER TO CENTER OF LEACH LINES - 6 FEET
9. GRADING OF THE LEACH FIELD AREA SHALL PROVIDE FOR POSITIVE DRAINAGE AWAY FROM THE LEACHING SYSTEM.
10. STORM WATER, FOOTING DRAINAGE, WATER SOFTENER BACKWASH, AND SURFACE RUN-OFF SHALL BE DISCHARGED AWAY FROM THE LEACHING SYSTEM.
11. FLOOR DRAINS, SHALL BE CONNECTED TO THE OIL WATER SEPARATOR
12. HEAVY EQUIPMENT SHALL BE RESTRICTED FROM THE LEACH FIELD AREA.
13. NEITHER PARKING AREAS OR DRIVEWAYS SHALL BE ALLOWED OVER THE LEACH FIELD AREA.
14. CONSTRUCTION NOTES:

- A. EXCEPT FOR THE BACKHOLE USED TO CONSTRUCT THE TRENCHES, HEAVY CONSTRUCTION EQUIPMENT SHALL NOT BE ALLOWED WITHIN THE AREA OF THE SYSTEM.
 - B. NO STANDING WATER IN THE LEACH FIELD AREA IS ALLOWED.
 - C. 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.
 - D. THE ENTIRE SURFACE OF THE LEACH FIELD, SHALL BE COVERED WITH A MINIMUM OF SIX INCHES OF TOPSOIL MOUNDING TO ENHANCE RUNOFF FROM THE SYSTEM AND SEEDED TO GRASS.
15. INSPECTION CERTIFICATION MUST BE CONDUCTED BY THE DESIGN ENGINEER SCOTT DEHOLLANDER PE LIC. NO 078953 IN THE FOLLOWING FORMAT:

- A. 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 .
- B. 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.
- C. INSPECTION OF THE FINAL GRADING DEPTH OF TOPSOIL, SWALES AND ANY OTHER ITEM DEEMED APPROPRIATE BY THE LICENSED PROFESSIONAL ENGINEER.

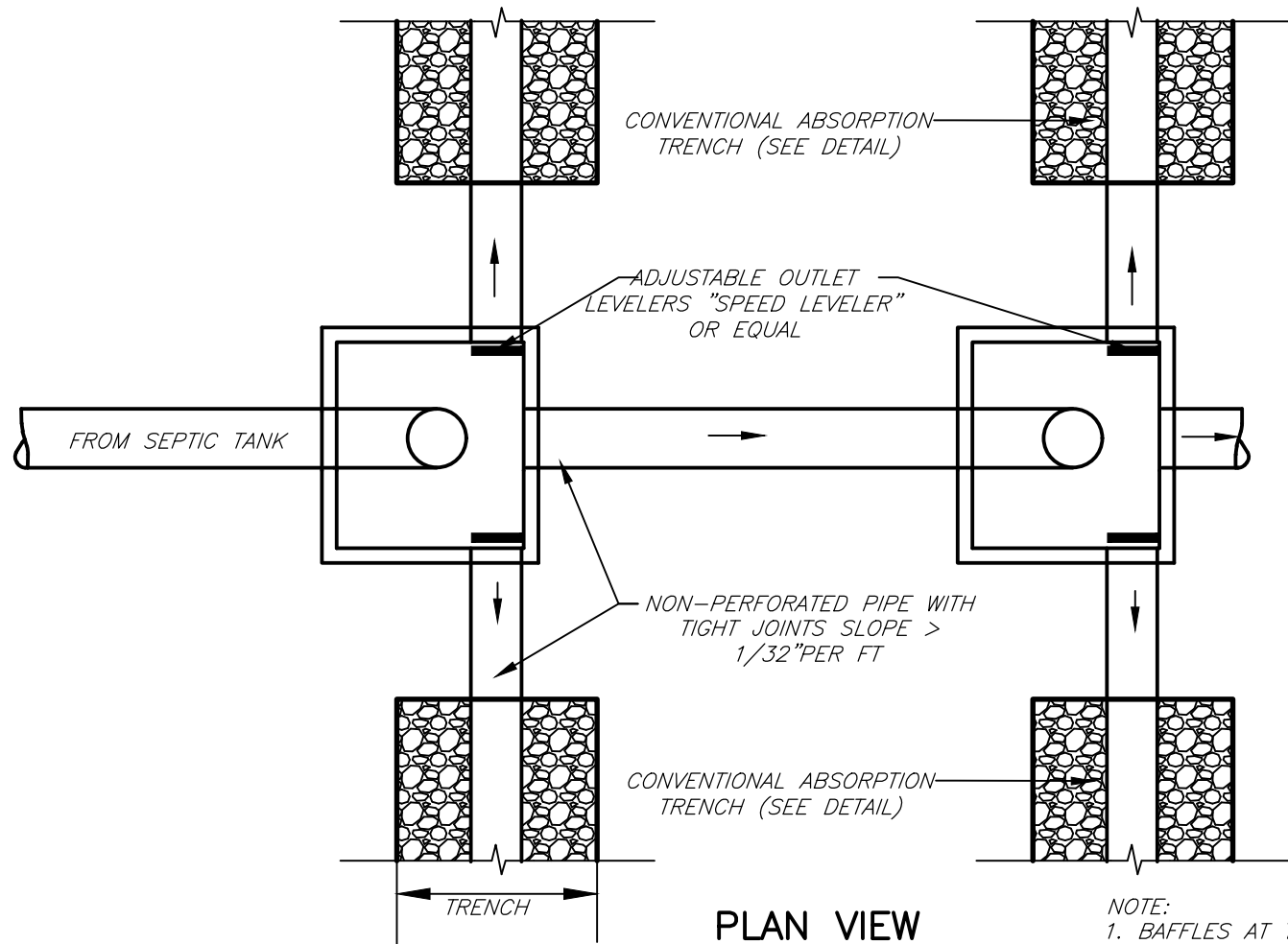


NOTES:

1. A SHALLOW ABSORPTION TRENCH IS A "CONVENTIONAL" SYSTEM AS DEFINED BY THE NEW YORK STATE DEPARTMENT OF HEALTH DESING HANDBOOK DATED 1996
2. BOTTOM OF ALL TRENCHES SHALL NOT BE ABOVE ORIGINAL USABLE SOIL AND TRENCHES SHOULD PREFERABLY BE AT LEAST 6" BELOW ORIGINAL GRADE.
3. MAXIMUM DEPTH OF USABLE FILL PLUS SIX INCHES OF TOPSOIL SHALL NOT EXCEED 30 INCHES.
4. TRENCH BOTTOMS SHALL BE LEVEL. TRENCHES SHALL BE PARALLEL TO GROUND CONTOURS.
5. ON SLOPED SITES, A DIVERSION DITCH SHALL BE CONSTRUCTED UPHILL FROM THE FILL TO PREVENT SURFACE RUNOFF FROM ENTERING THE FILL.
6. FILL SHALL EXTEND AT LEAST SIX FEET BEYOND ENDS OF TRENCHES BEFORE STARTING 1 ON 3 EDGES OF FILL.
7. 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.

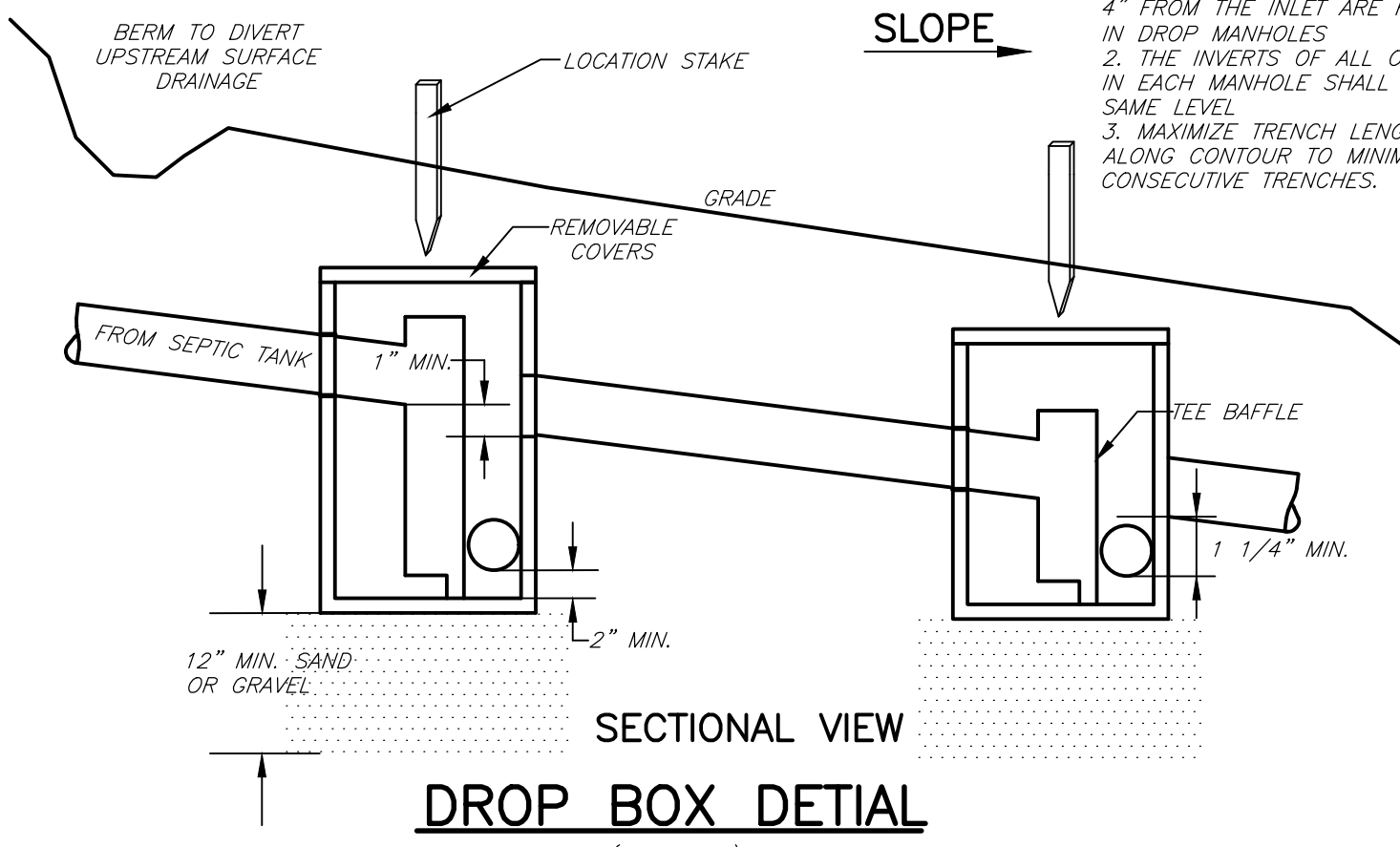
SHALLOW ABSORPTION TRENCH DETAIL

(NO SCALE)



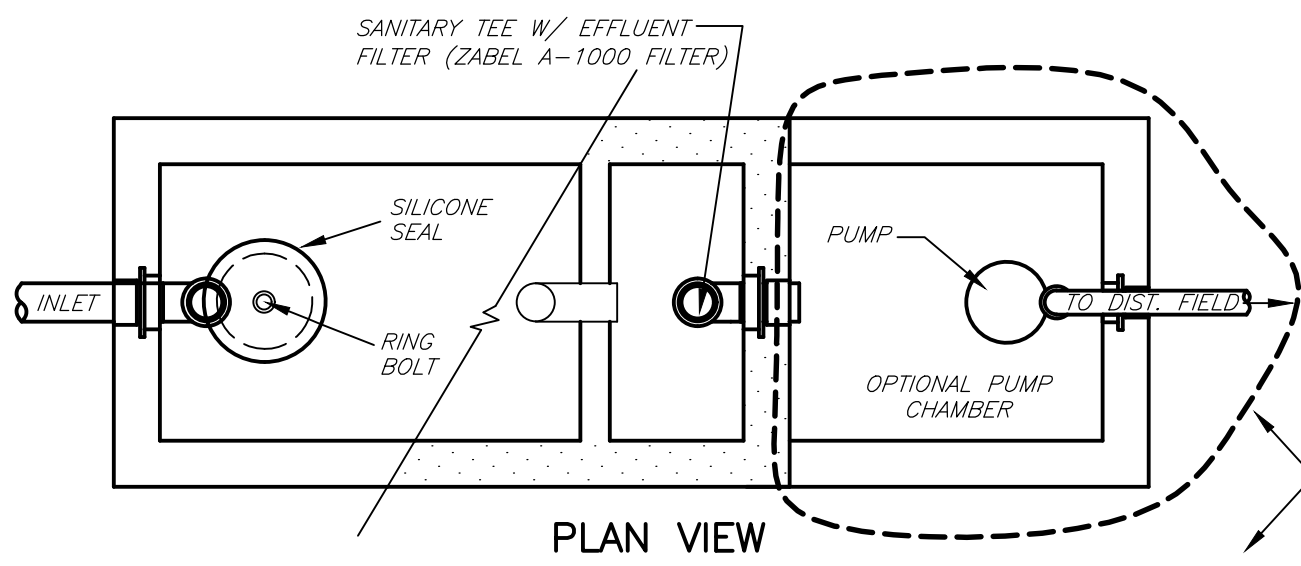
PLAN VIEW

(NO SCALE)



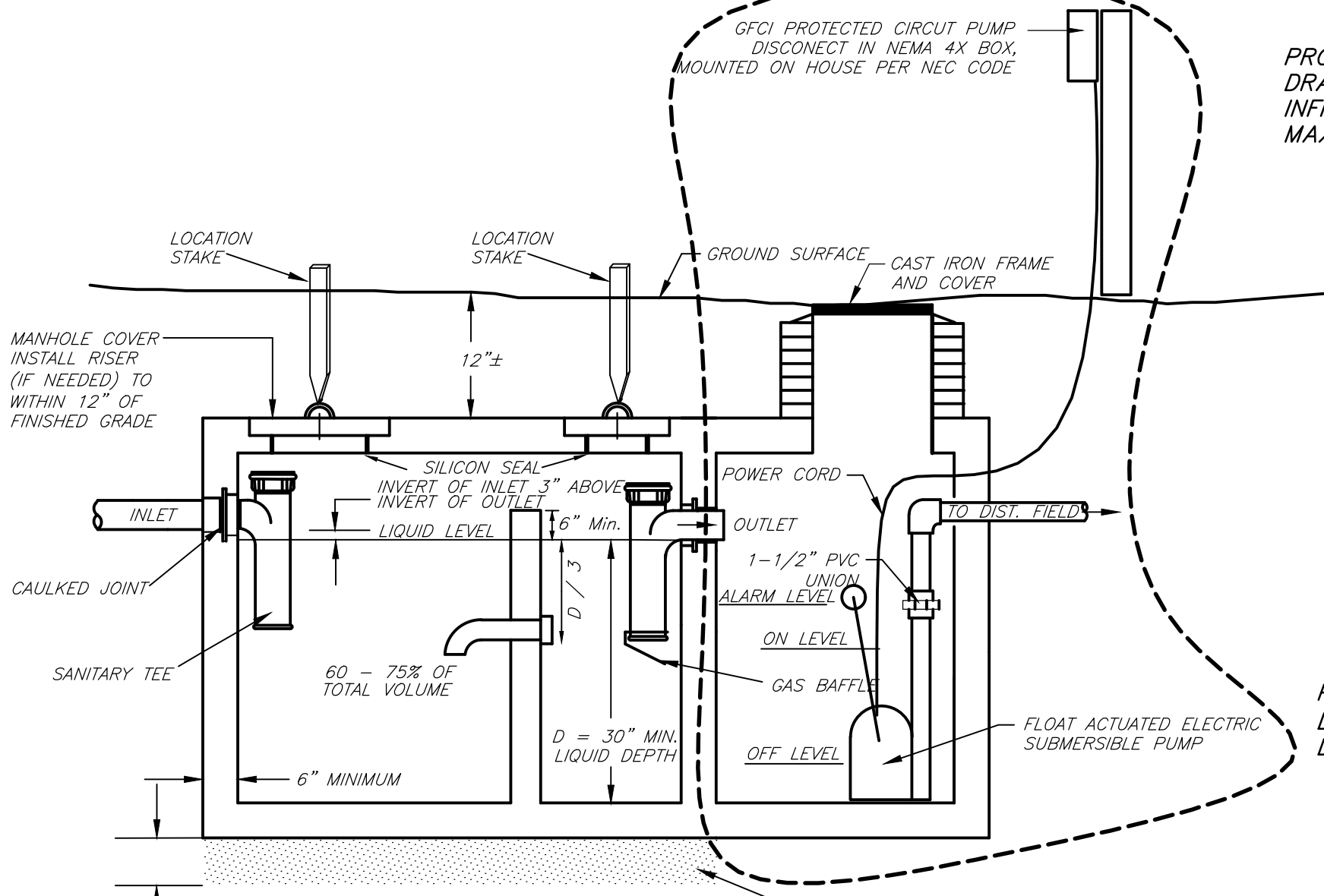
SECTIONAL VIEW

(NO SCALE)



PLAN VIEW

(NO SCALE)

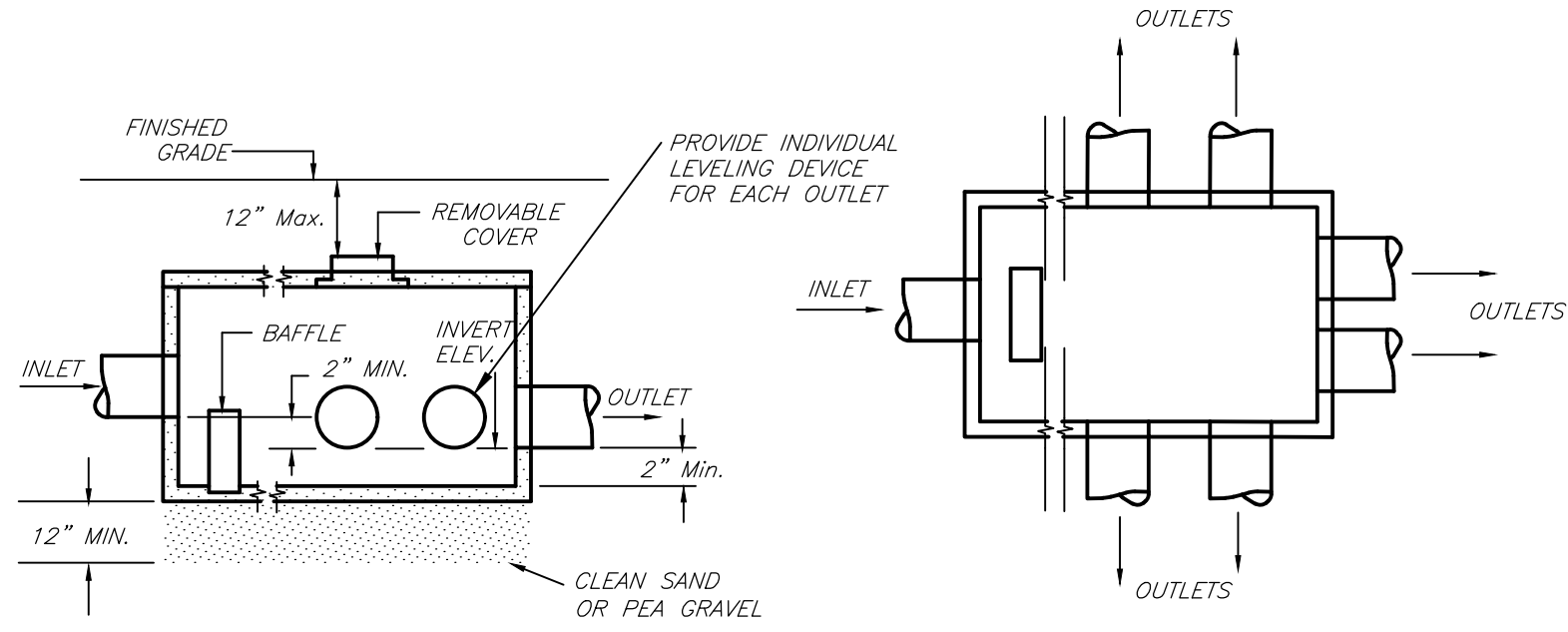


SECTIONAL VIEW

(NO SCALE)

TYPICAL SEPTIC TANK WITH PUMP CHAMBER OPTION

(NO SCALE)

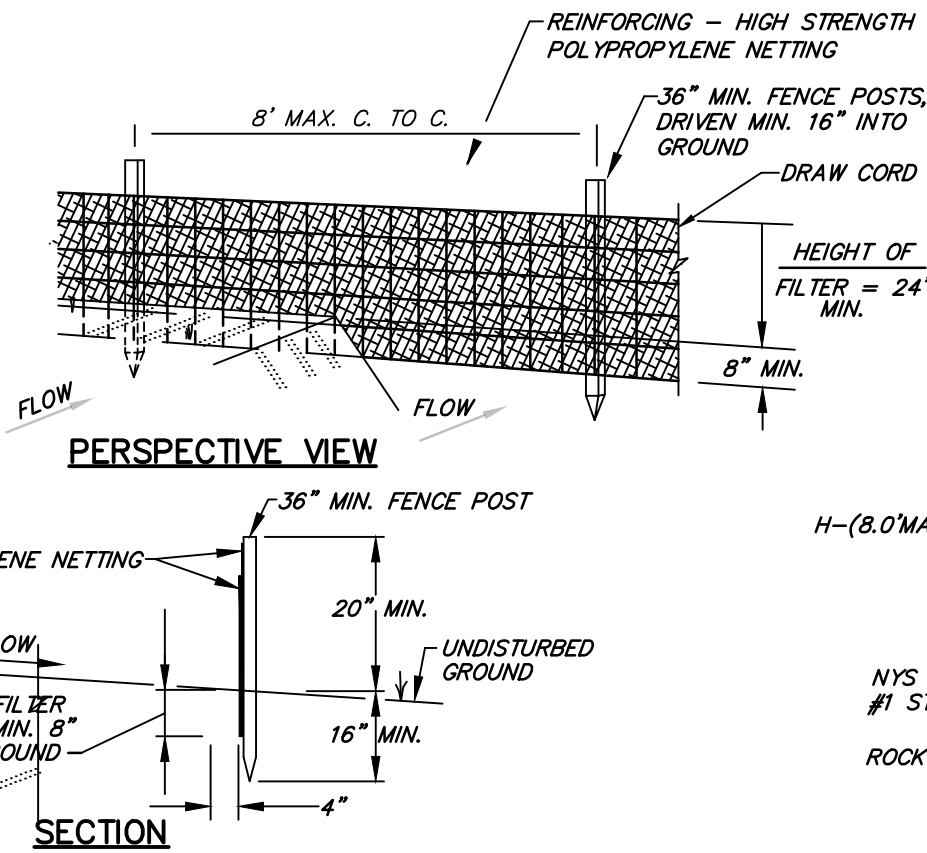


NOTES:

- 1.) PIPE JOINTS TO BE SEALED WITH ASPHALTIC MATERIAL OR EQUIVALENT.
- 2.) INVERT ELEVATIONS OF ALL OUTLET PIPES MUST BE EQUAL.
- 3.) INSTALL 10 LF OF OUTLET PIPE @ 0.0% GRADE AT DISTRIBUTION BOX OUTLET. CONTINUE SLOPE OF OUTLET PIPES @ 1/8" PER FT TO DISTRIBUTION LATERALS.

DISTRIBUTION BOX DETAIL

(NO SCALE)



PERSPECTIVE VIEW

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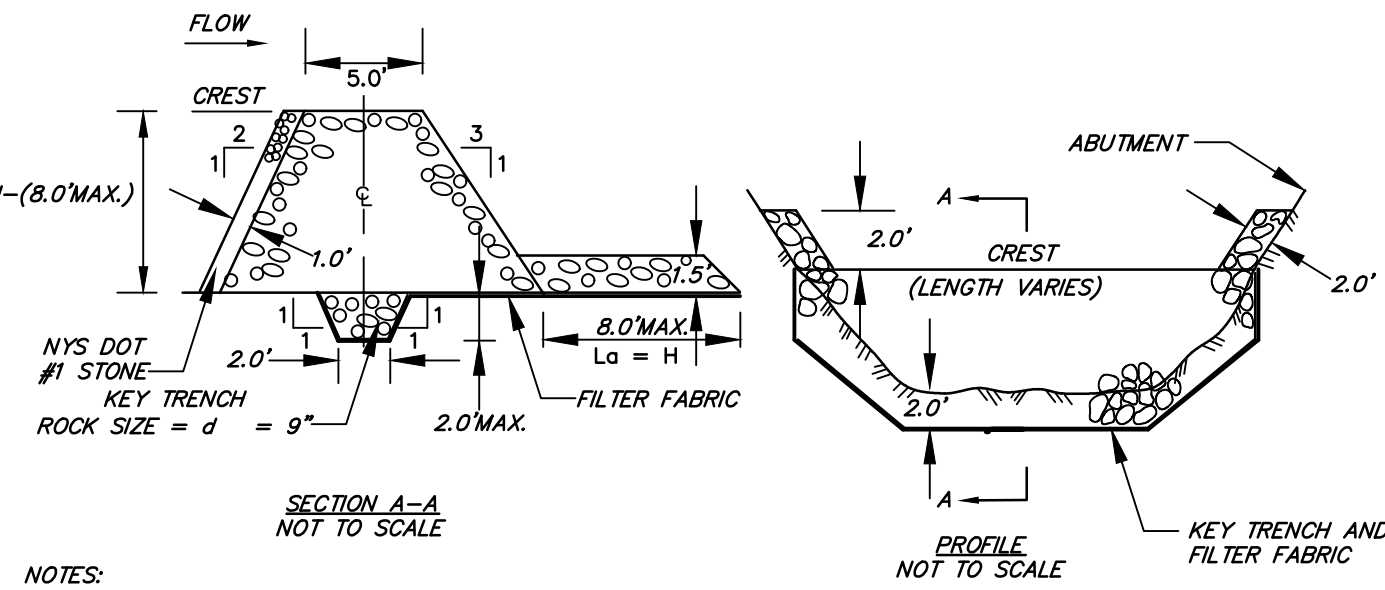
(NO SCALE)

CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

1. SILT FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH TIES OR STAPLES.
 2. FILTER CLOTH TO BE FASTENED SECURELY TO POLYPROPYLENE NETTING WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. NETTING MADE BE INCORPORATED INTO FILTER CLOTH.
 3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
 4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.
- POSTS: STEEL EITHER T OR U TYPE OR 2" HARDWOOD.
- FENCE: HIGH STRENGTH POLYPROPYLENE NETTING
- FILTER CLOTH: MIRAFI 100X, STABILINKA 1140N OR APPROVED EQUAL.
- PREFABRICATED UNIT: GEOTAB, ENVROFENCE, OR APPROVED EQUAL.

SILT FENCE DETAIL

N.T.S.

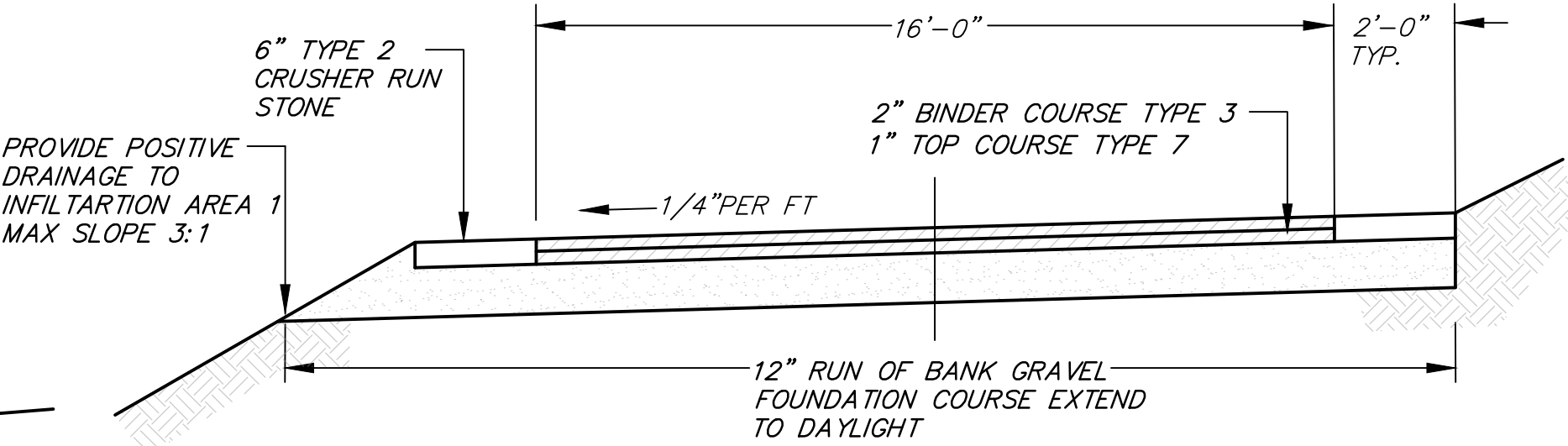


NOTES:

1. THE AREA UNDER THE ROCK DAM SHALL BE CLEARED AND STRIPPED OF OBJECTIONABLE MATERIAL. THE RESERVOIR SHALL BE CLEARED AS NEEDED TO FACILITATE SEDIMENT REMOVAL.
2. 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 KEYTRENCH TO DOWNSTREAM EDGE OF APRON. JOINTS WILL LAP A MINIMUM OF 1 FT. WITH UPSTREAM STRIP ON TOP.
3. CONSTRUCT THE ROCK EMBANKMENT TO THE DIMENSIONS SHOWN ON THE DRAWING. ROCK ABUTMENTS SHALL BE MAINTAINED 2 FT. ABOVE THE CREST.
4. THE ROCK DAM SHALL BE CONSTRUCTED PRIOR TO CLEARING THE BASIN AREA. STABILIZE ALL DISTURBED AREAS, EXCEPT THE BASIN AREA, WITH TEMPORARY SEEDING.
5. FENCES AND WARNING SIGNS SHOULD BE PLACED AS APPROPRIATE. MAXIMUM DRAINAGE AREA: 50 ACRES

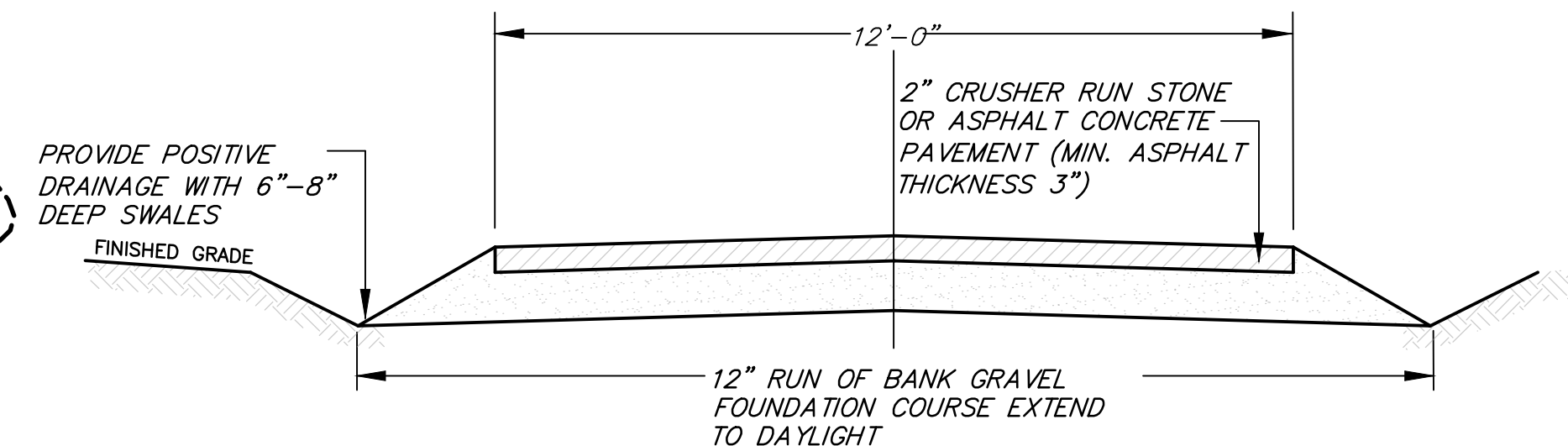
ROCK DAM DETAIL

N.T.S.



(PRIVATE) COMMON DRIVEWAY SECTION

N.T.S.



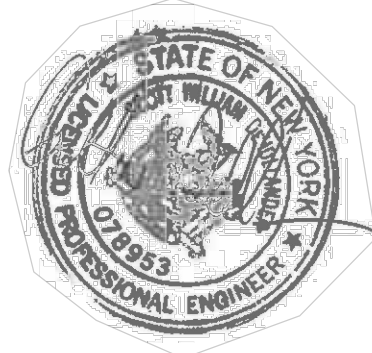
TYPICAL RESIDENTIAL DRIVEWAY DETAIL

N.T.S.



DEHOLLANDER DESIGN

PRACTICING DESIGN DRIVEN DEVELOPMENT
7346 Dryer Road Phone
Victor, New York 14564 (585) 259-9609



NO.	REVISIONS	BY	DATE

PLAN APPROVALS

SIGNATURE

TOWN PLANNING BOARD CHAIRPERSON

SIGNATURE

TOWN ENGINEER

PROJECT NAME:

DEHOLLANDER SITE PLAN

TOWN OF CANANDAIGUA
ONTARIO COUNTY, NEW YORK

PROPERTY OWNER:

PROPERTY OF
DEHOLLANDER DESING INC.
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.

000116

CHECKED BY:

DATE:

1/2021

SHEET NO.

2