AF 11/1/13 COPY

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Maine Dept.Health & Human Services
Div of Environmental Health , 11 SHS
(207) 287-5672 Fax: (207) 287-4172

PROPERTY LOCATION

City, Town, Plantation	AUGUSTA
Street or Road	591 EASTERN AVE
Subdivision, Lot #	MILL 180

>> CAUTION: LPI APPROVAL REQUIRED <<

AUGUSTA PERMIT #6870 TOWN COPY
Date Permit Issued: 10 / 31 / 13 $ 265 - fee

LPI # 1137

OWNER/APPLICANT INFORMATION

Name (last, first, MI)	COMPAGNA, DIANE ☒ Owner ☐ Applicant
Mailing Address of Owner/Applicant	591 EASTERN AVE AUGUSTA, ME 04330
Daytime Tel. #	207-441-2136

OWNER OR APPLICANT STATEMENT
I state and acknowledge that the information submitted is correct to the best of my knowledge and understand that any falsification is reason for the Department and/or Local Plumbing Inspector to deny a Permit.

Diane Compagna 10/15-13
Signature of Owner or Applicant Date

I have inspected the installation authoirzed above and found it to be in compliance with the Subsurface Wastewater Disposal Rules Application. 10/31/14 (1st) date approved

Local Plumbing Inspector Signature 11/4/14 (2nd) date approved

PERMIT INFORMATION

TYPE OF APPLICATION
- ☐ 1. First Time System
- ☒ 2. Replacement System
  - Type replaced: French?
  - Year installed: ~1958
- ☐ 3. Expanded System
  - ☐ a. <25% Expansion
  - ☐ b. ≥25% Expansion
- ☐ 4. Experimental System
- ☐ 5. Seasonal Conversion

THIS APPLICATION REQUIRES
- ☒ 1. No Rule Variance
- ☐ 2. First Time System Variance
  - ☐ a. Local Plumbing Inspector Approval
  - ☐ b. State & Local Plumbing Inspector Approval
- ☐ 3. Replacement System Variance
  - ☐ a. Local Plumbing Inspector Approval
  - ☐ b. State & Local Plumbing Inspector Approval
- ☐ 4. Minimum Lot Size Variance
- ☐ 5. Seasonal Conversion Permit

DISPOSAL SYSTEM COMPONENTS
- ☒ 1. Complete Non-engineered System
- ☐ 2. Primitive System (graywater & alt. toilet)
- ☐ 3. Alternative Toilet, specify: _____
- ☐ 4. Non-engineered Treatment Tank (only)
- ☐ 5. Holding Tank, _____ gallons
- ☐ 6. Non-engineered Disposal Field (only)
- ☐ 7. Separated Laundry System
- ☐ 8. Complete Engineered System (2000 gpd or more)
- ☐ 9. Engineered Treatment Tank (only)
- ☐ 10. Engineered Disposal Field (only)
- ☐ 11. Pre-treatment, specify: _____
- ☐ 12. Miscellaneous Components

SIZE OF PROPERTY
~2.8 ☐ SQ. FT. ☒ ACRES

SHORELAND ZONING
☐ Yes ☒ No

DISPOSAL SYSTEM TO SERVE
- ☒ 1. Single Family Dwelling Unit, No. of Bedrooms: 3
- ☐ 2. Multiple Family Dwelling, No. of Units: _____
- ☐ 3. Other: _____ (specify)

Current Use ☐ Seasonal ☒ Year Round ☐ Undeveloped

TYPE OF WATER SUPPLY
☐ 1. Drilled Well ☐ 2. Dug Well ☐ 3. Private
☒ 4. Public ☐ 5. Other

DESIGN DETAILS (SYSTEM LAYOUT SHOWN ON PAGE 3)

TREATMENT TANK
- ☒ 1. Concrete
  - ☒ a. Regular
  - ☐ b. Low Profile (IF NEEDED)
- ☐ 2. Plastic w/ BEDROCK
- ☐ 3. Other:

CAPACITY: 1,000 GAL.

DISPOSAL FIELD TYPE & SIZE
- ☒ 1. Stone Bed ☐ 2. Stone Trench
- ☐ 3. Proprietary Device
  - ☐ a. cluster array ☐ c. Linear
  - ☐ b. regular load ☐ d. H-20 load
- ☐ 4. Other: 20' x 45'

SIZE: 900 ☒ sq. ft. ☐ lin. ft.

GARBAGE DISPOSAL UNIT
☒ 1. No ☐ 2. Yes ☐ 3. Maybe
If Yes or Maybe, specify one below:
- ☐ a. multi-compartment tank
- ☐ b. ___ tanks in series
- ☐ c. increase in tank capacity
- ☐ d. Filter on Tank Outlet

DESIGN FLOW
270 gallons per day
BASED ON:
- ☒ 1. Table 4A (dwelling unit(s))
- ☐ 2. Table 4C(other facilities)
  SHOW CALCULATIONS for other facilites
- ☐ 3. Section 4G (meter readings)
  ATTACH WATER METER DATA

SOIL DATA & DESIGN CLASS
PROFILE CONDITION
3 / C
at Observation Hole # TP-1
Depth 18"
of Most Limiting Soil Factor

DISPOSAL FIELD SIZING
- ☐ 1. Medium---2.6 sq. ft. / gpd
- ☒ 2. Medium---Large 3.3 sq. f.t / gpd
- ☐ 3. Large---4.1 sq. ft. / gpd
- ☐ 4. Extra Large---5.0 sq. ft. / gpd

EFFLUENT/EJECTOR PUMP
- ☒ 1. Not Required
- ☐ 2. May Be Required
- ☐ 3. Required

Specify only for engineered systems:
DOSE: _____ gallons

Contractor Verify gravity feed

LATITUDE AND LONGITUDE
at center of disposal area
Lat. 44 d 17 m 46.7 s
Lon. 69 d 43 m 10.1 s
if g.p.s, state margin of error: 15'

SITE EVALUATOR STATEMENT

I certify that on 10-3-13 (date) I completed a site evaluation on this property and state that the data reported are accurate and that the proposed system is in compliance with the State of Maine Subsurface Wastewater Disposal Rules (10-144A CMR 241).

Stephen A. Down — Site Evaluator Signature
257 — SE #
10-10-13 — Date

STEPHEN A. DOWN — Site Evaluator Name Printed
O-685-3637 C-557-0793 — Telephone Number
stevedown123@gmail.com — E-mail Address

Note : Changes to or deviations from the design should be confirmed with the Site Evaluator.

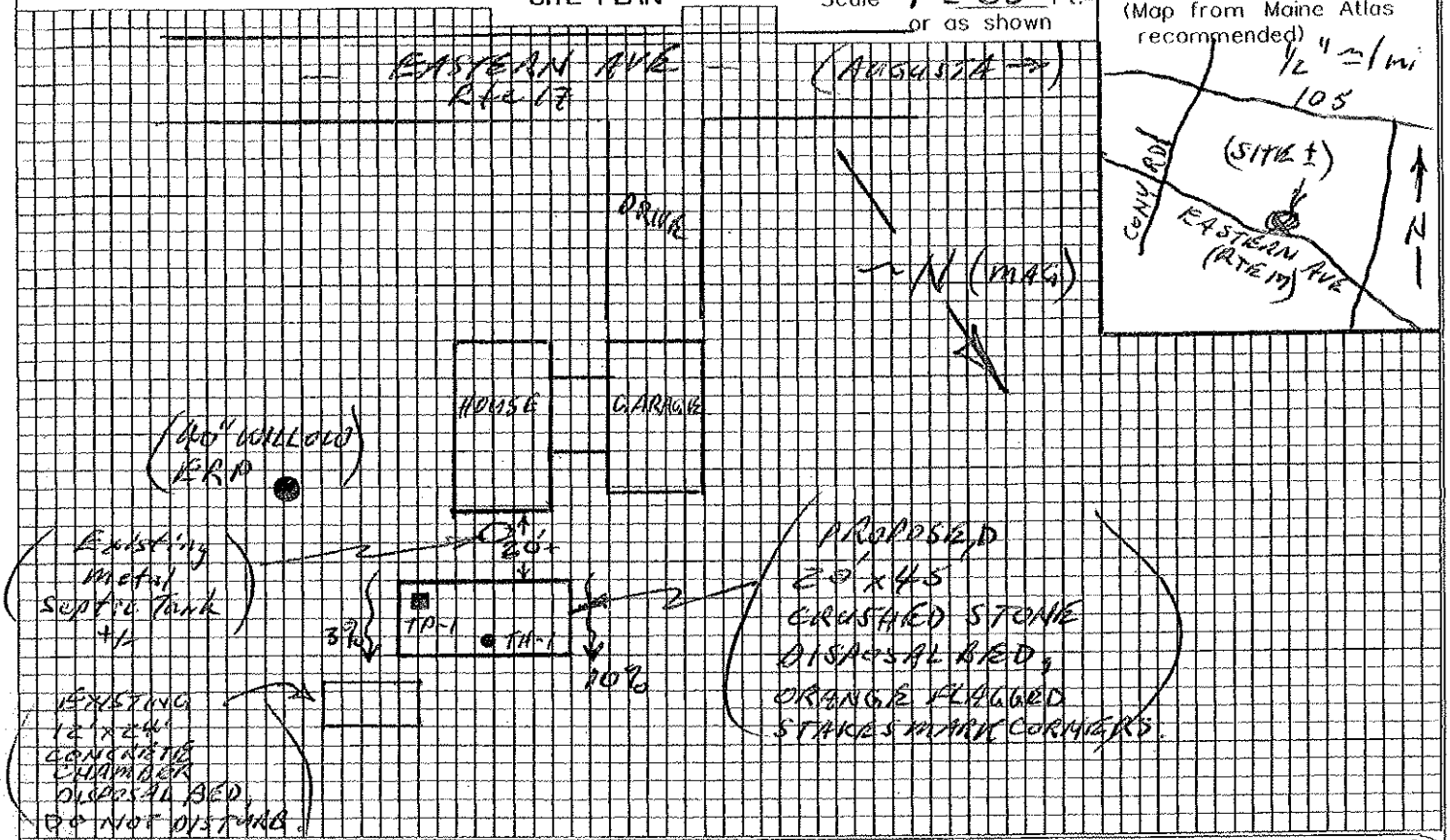
SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

Department of Human Services
Division of Health Engineering
(207) 287-5672 FAX (207) 287-4172

Town/City/Plantation: AUGUSTA
Street/Road/Subdivision: 591 EASTERN AVE
Owner's Name: DIANE COMPAGNA

SITE PLAN

Scale 1" = 50 Ft. or as shown



SITE LOCATION PLAN (Map from Maine Atlas recommended)

SOIL DESCRIPTION AND CLASSIFICATION (Location of Observation Holes Shown Above)

Observation Hole TP-1 ☒ Test Pit 24" ☒ Boring 32"
4" Depth of Organic Horizon Above Mineral Soil

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0–30"	FINE SANDY LOAM WITH SCATTERED angular gravel and occasional angular cobbles	FRIABLE	MEDIUM TO LIGHT YELLOW BROWN	FAINT FEW
30"–32"		FIRM		
32"	(TOTAL HOLE DEPTH)			

Soil Classification: Profile ____ Condition ____ | Slope ____ % | Limiting Factor ____ " ☐ Ground Water ☐ Restrictive Layer ☐ Bedrock ☐ Pit Depth

Observation Hole TH-1 ☐ Test Pit ☒ Boring
" Depth of Organic Horizon Above Mineral Soil
COMPARABLE PROFILE

Depth below mineral soil surface (inches)	Texture	Consistency	Color	Mottling
0–50				

Soil Classification: Profile ____ Condition ____ | Slope ____ % | Limiting Factor ____ " ☐ Ground Water ☐ Restrictive Layer ☐ Bedrock ☐ Pit Depth

GENERAL NOTES:

MAINTAIN 20 FT. MIN. DIST. BETWEEN THE STONE BED OR PROPRIETARY DEVICE & THE DWELLING, 15 FT. TO ABOVE GROUND CONSTRUCTION (SLAB OR SLAB & FROST WALL CONSTRUCTION).

INSTALL SEPTIC TANK AT LEAST 8 FT. FROM THE DWELLING.

Stephen A. Brown 257 — Site Evaluator Signature (207) 685-3637 SE #
10-18-13 — Date
cell # 557-0793

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Division of Health Engineering
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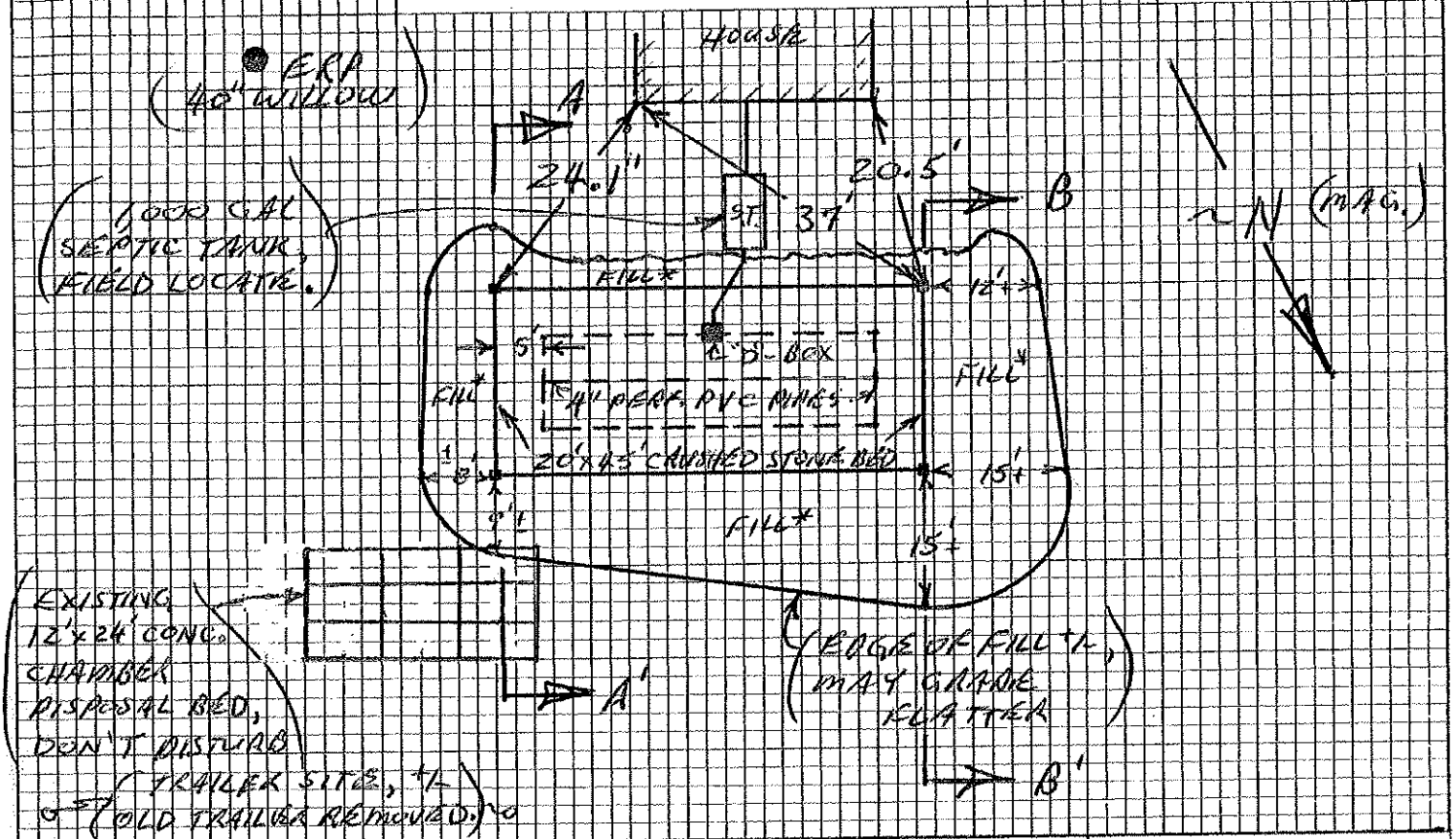
Town, City, Plantation: AUGUSTA
Street, Road, Subdivision: 591 EASTERN AVE (Rte 17)
Owner's Name: DIANE COMPAGNA

SUBSURFACE WASTEWATER DISPOSAL PLAN

SCALE 1" = 20' FT.

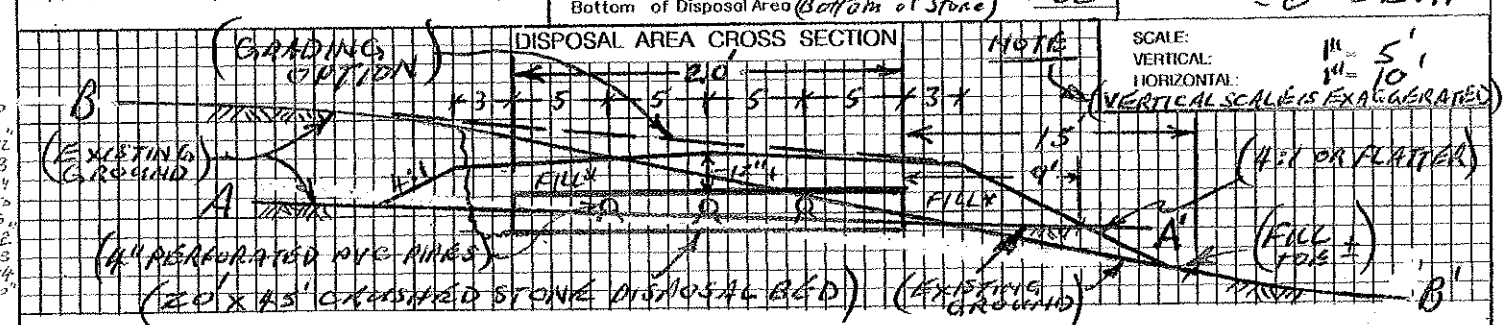


FILL REQUIREMENTS (AT EDGE OF STONE BED)	
Depth of Fill (Upslope)	22"-34" ±
Depth of Fill (Downslope)	22" ±

CONSTRUCTION ELEVATIONS	
Finished Grade Elevation (At ctr of bed)	-38" ±
Top of Distribution Pipe ~~or Proprietary Device~~	-51"
Bottom of Disposal Area (Bottom of Stone)	-62"

ELEVATION REFERENCE POINT: ORANGE FLAGGED NAIL IN 40" WILLOW, ABOUT 6' ABOVE GROUND = 0" = ERP

DISPOSAL AREA CROSS SECTION



NOTE: SCALE: VERTICAL: 1" = 5'; HORIZONTAL: 1" = 10' (VERTICAL SCALE IS EXAGGERATED)

CONSTRUCTION TO COMPLY WITH 'THE CODE', 10-144 CMR 241.
PUMP AND REMOVE EXISTING METAL SEPTIC TANK. PROVIDE FIRM GRANULAR BASE FOR NEW SEPTIC TANK.
REMOVE VEGITATION, ORGANICS & PREPARE SURFACE BELOW FILL AREA PER SECT. 11-B OF THE CODE
PLACE FILTER FABRIC OR 2" COMPRESSED HAY ON 12" LAYER OF 1-1/2" CLEAN CRUSHED STONE.
*FILL: COARSE GRAVELLY SAND PER SECTION 11-E OF THE CODE.
GRADING LIMITS MAY VARY TO PROVIDE COVER FOR THE EFFLUENT LINE & AVOID A MOUND APPEARANCE.
MAINTAIN A MINIMUM 3% GRADE OVER THE BED, EXTENDING 3 FT. BEYOND EACH EDGE.
PROVIDE FOR SURFACE RUNOFF & DRAINAGE AWAY FROM THE DISPOSAL AREA.
LOAM (4" MINIMUM), SEED AND MULCH ALL DISTURBED AREAS.

Stephen A. Brown — 257 — 10-10-13
Site Evaluator Signature — (207) 685-3637 — SE # — Date

Cell # 557-0793