VICINITY MAP
NOT TO SCALE

ALL TRENCH CONDUITS SHALL BE SCHEDULE 40 PVC, UNLESS OTHERWISE NOTED

UNDERGROUND ELECTRIC SHALL BE INSTALLED IN ACCORDANCE WITH THE HANDBOOK OF STANDARD REQUIREMENTS FOR ELECTRICAL SERVICE AND METER INSTALLATIONS.

COMMON TRENCH DETAIL
ELECTRIC/TELEPHONE/FIRE ALARM/CABLE
NOT TO SCALE

BALLAST REQUIREMENTS
A CONCRETE ANCHOR IS REQUIRED ON ALL OUTDOOR MODEL 2010 STATIONS
SPECIFIC CONCRETE DIMENSIONS ARE REQUIRED TO ACHIEVE NECESSARY BALLAST EFFECT
SEE INSTALLATION INSTRUCTIONS FOR FURTHER DETAILS

SEWAGE GRINDER PUMP
NOT TO SCALE

SILT FENCE

TYPICAL WATER SERVICE CONNECTION
NOT TO SCALE

EROSION CONTROL MIX BERMS
EROSION CONTROL MIX CAN BE MANUFACTURED ON OR OFF THE PROJECT SITE. IT MUST CONSIST PRIMARILY OF ORGANIC MATERIAL, SEPARATED AT THE POINT OF GENERATION, AND MAY INCLUDE: SHREDDED BARK, STUMP GRINDINGS, COMPOSTED BARK, OR ACCEPTABLE MANUFACTURED PRODUCTS. WOOD AND BARK CHIPS, GROUND CONSTRUCTION DEBRIS OR REPROCESSED WOOD PRODUCTS WILL NOT BE ACCEPTABLE AS THE ORGANIC COMPONENT OF THE MIX.

COMPOSITION
EROSION CONTROL MIX SHALL CONTAIN A WELL-GRADED MIXTURE OF PARTICLE SIZES AND MAY CONTAIN ROCKS LESS THAN 4" IN DIAMETER. EROSION CONTROL MIX MUST BE FREE OF REFUSE, PHYSICAL CONTAMINANTS, AND MATERIAL TOXIC TO PLANT GROWTH. THE MIX COMPOSITION SHALL MEET THE FOLLOWING STANDARDS:

- THE ORGANIC MATTER CONTENT SHALL BE BETWEEN 80 AND 100%, DRY WEIGHT BASIS.
- PARTICLE SIZE BY WEIGHT SHALL BE 100 % PASSING A 6" SCREEN AND A MINIMUM OF 70 %, MAXIMUM OF 85%, PASSING A 0.75" SCREEN.
- THE ORGANIC PORTION NEEDS TO BE FIBROUS AND ELONGATED.
- LARGE PORTIONS OF SILTS, CLAYS OR FINE SANDS ARE NOT ACCEPTABLE IN THE MIX.
- SOLUBLE SALTS CONTENT SHALL BE < 5.0 MMHOS/CM.
- THE PH SHOULD FALL BETWEEN 5.0 AND 8.0.

INSTALLATION
- THE BARRIER MUST BE PLACED ALONG A RELATIVELY LEVEL CONTOUR. IT MAY BE NECESSARY TO CUT TALL GRASSES OR WOODY VEGETATION TO AVOID CREATING VOIDS AND BRIDGES THAT WOULD ENABLE FLOWS TO WASH UNDER THE BARRIER THROUGH THE GRASS BLADES OR PLANT STEMS.
- ON SLOPES LESS THAN 5 % OR AT THE BOTTOM OF STEEPER SLOPES (<5:1) UP TO 30 FEET LONG, THE BARRIER MUST BE A MINIMUM OF 12" HIGH, AS MEASURED ON THE UPHILL SIDE OF THE BARRIER, AND A MINIMUM OF TWO FEET WIDE. ON LONGER OR STEEPER SLOPES, THE BARRIER SHOULD BE WIDER TO ACCOMMODATE THE ADDITIONAL RUNOFF.
- FROZEN GROUND, OUTCROPS OF BEDROCK AND VERY ROOTED FORESTED AREAS ARE LOCATIONS WHERE BERMS OF EROSION CONTROL MIX ARE MOST PRACTICAL AND EFFECTIVE.
- OTHER BMPS SHOULD BE USED AT LOW POINTS OF CONCENTRATED RUNOFF, BELOW CULVERT OUTLET APRONS, AROUND CATCH BASINS AND CLOSED STORM SYSTEMS, AND AT THE BOTTOM OF STEEP PERIMETER SLOPES THAT ARE MORE THAN 50 FEET FROM TOP TO BOTTOM (I.E., A LARGE UP GRADIENT CONTRIBUTING WATERSHED).

MULCH BERM

UTILITY NOTES:

1. CONNECTIONS TO EXISTING UTILITIES SHALL BE IN APPROXIMATE AREAS SHOWN.
2. LOCATIONS OF UTILITIES ARE APPROXIMATE AND MUST BE FIELD VERIFIED PRIOR TO CONSTRUCTION. THE CONTRACTOR/OWNER SHALL NOTIFY THE DESIGN ENGINEER OF ANY DISCREPANCIES PRIOR TO INSTALLATION OF SERVICES.
3. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO HAVE ALL THE UTILITY COMPANIES LOCATE THEIR EXISTING SERVICES PRIOR TO THE START OF CONSTRUCTION.

HAY BALE SEDIMENT BARRIER
NOT TO SCALE

EMBEDDING DETAIL

ANCHORING DETAIL

NOTES:

1. BALES SHALL BE PLACED IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT BALES.
2. EACH BALE SHALL BE EMBEDDED IN THE SOIL A MINIMUM OF 4".
3. BALES SHALL BE SECURELY ANCHORED IN PLACE BY STAKES OR REBARS DRIVEN THROUGH THE BALES. THE FIRST STAKE IN EACH BALE SHALL BE ANGLED TOWARD PREVIOUSLY LAID BALE TO FORCE BALES TOGETHER.
4. INSPECTION SHALL BE FREQUENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS DIRECTED BY PROJECT ENGINEER.
5. BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.

LEGEND

- FOUND IRON PIPE
- FOUND IRON ROD
- FOUND CAPPED IRON ROD (STI PLS #2317)
- UTILITY POLE (NUMBER AS NOTED)
- FOUND DECIDUOUS TREE
- FOUND CONIFEROUS TREE
- TREE LINE (APPROXIMATE)
- BOUNDARY LINE
- EASEMENT LINE
- EDGE OF GRAVEL
- EDGE OF PAVEMENT
- RIGHT-OF-WAY LINE
- ABUTTER LINE
- OHU — OVERHEAD UTILITY
- N/F — NOW OR FORMERLY OWNED BY
- 12-3-49 — TAX MAP-BLOCK-LOT

NOTES

1. REFERENCE IS MADE TO THE FOLLOWING PLAN OF RECORD:
   a. "HIGGINS ACRES, SUMMIT STREET, PORTLAND, MAINE, SUBDIVISION PLAN", BY PINKHAM & GREER, DATED OCTOBER 13, 1999, REVISED THROUGH APRIL 13, 2000 AND RECORDED IN PLAN BOOK 200, PAGE 218 (CCRD).
2. RECORD OWNERSHIP OF THE PARCEL SHOWN CAN BE FOUND IN A DEED FROM WILLIAM H. HUNDSCHER, JR. TO JERRY N. & CHRISTINE C. LEDERE DATED SEPTEMBER 15, 2004 AND RECORDED IN DEED BOOK 21789, PAGE 165 CUMBERLAND COUNTY REGISTRY OF DEEDS (CCRD).
3. THE PARCEL SURVEYED IS IDENTIFIED ON THE CITY OF PORTLAND ASSESSOR'S MAP 38BA, BLOCK A, PARCEL 55.
4. THE PARCEL IS LOCATED IN THE R-2 ZONE. PORTIONS OF BULK AND SPACE REQUIREMENTS ARE AS FOLLOWS:
   MINIMUM LOT SIZE = 10,000 S.F.
   MINIMUM STREET FRONTAGE = 50'
   SETBACKS:
   FRONT = 25'
   REAR = 25'
   SIDES:
   1 & 1-1/2 STORY = 12'
   2 STORY = 14'
   2-1/2 STORY = 16'
5. ELEVATIONS AND CONTOURS ARE BASED ON CITY OF PORTLAND DATUM. SEE PLAN FOR TRM DESCRIPTION.

Revision	By	Date	Change
1	SMA	8/15/09	REMOVE 16' X 24' PORCH

PROJECT NUMBER: 31593 | ACAD FILE: 31593-RSB.DWG | SCALE: 1"= 20' | DATE: AUGUST 28, 2009

Drawing Name: GRADING AND UTILITY PLAN

Project Name: SINGL... 56 QUIET ...

Prepared For: JERRY ... PORTSMOUTH ...

STATE OF MAINE Alan Gilbert 8216 LICENSED PROFESSIONAL ENGINEER 3/11/09

SHEET 1 OF 1

Date: 06/21/13

Reviewed for Code Compliance
Inspections Division
Approved with Conditions

CITY OF PORTLAND, MAINE RESURGAM