

# MORELAND SHOP SITE, UTILITY, STORMWATER, AND EROSION CONTROL PLAN

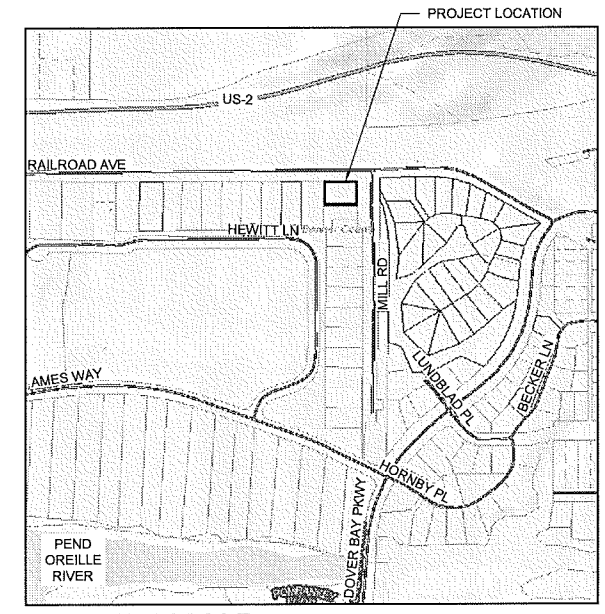
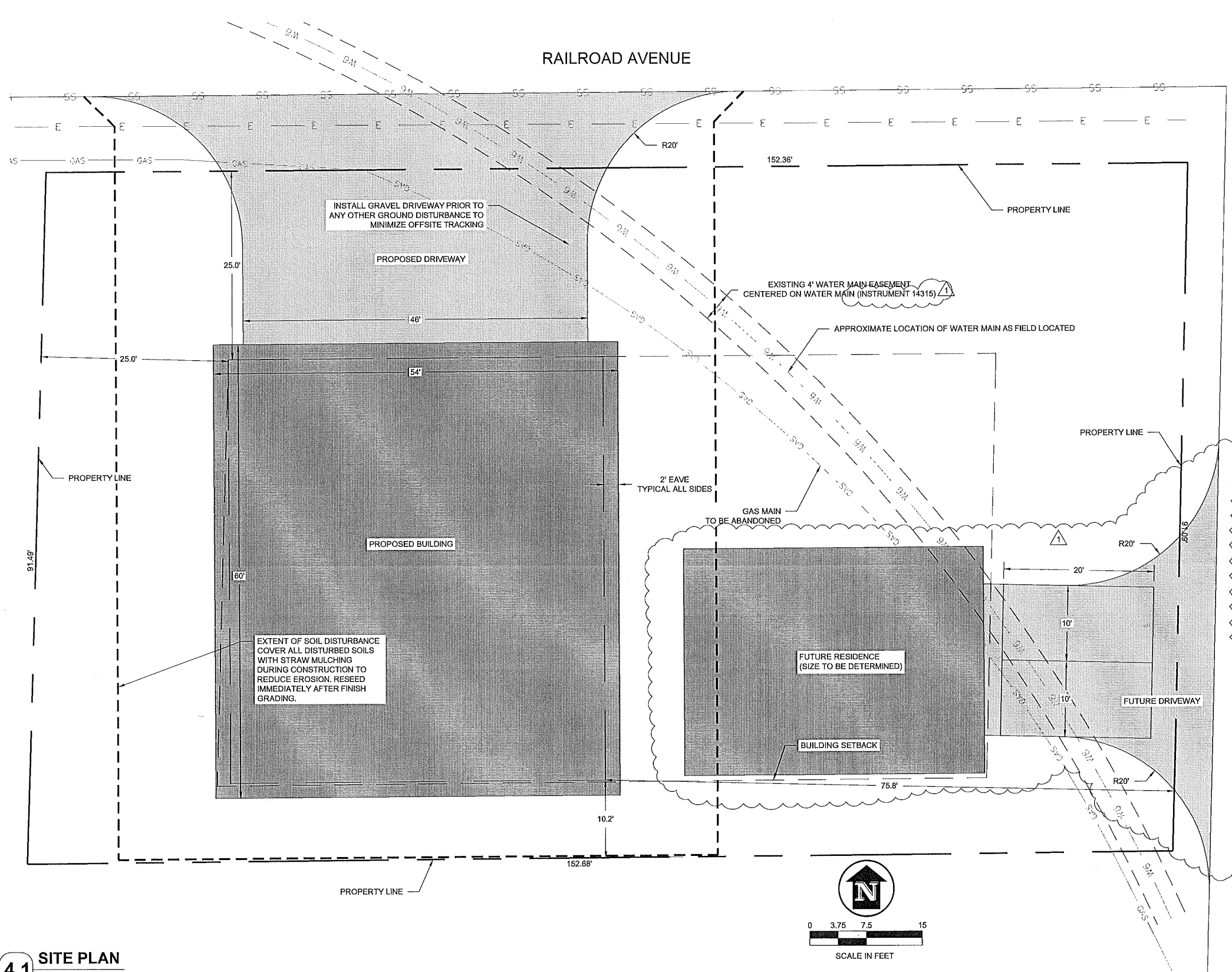
RPD048700014A0A, LOT 14A, WELTY'S ADDITION

SECTION 30/31, TOWNSHIP 57 NORTH, RANGE 2 WEST, BOISE MERIDIAN, BONNER COUNTY, IDAHO



7-12-18

| No. | DATE      | ADDED FUTURE RESIDENCE | REVISION |
|-----|-----------|------------------------|----------|
| 1   | 7-12-2018 |                        |          |



**DRAWING INDEX**

| SHEET # | TITLE                                     |
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| 1       | VICINITY MAP, EROSION CONTROL & SITE PLAN |
| 2       | DETAILS AND SPECIFICATIONS                |

**LEGEND**

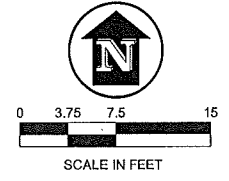
|  |                              |
|--|------------------------------|
|  | EXISTING SANITARY SEWER MAIN |
|  | EXISTING ELECTRIC LINE       |
|  | EXISTING 8" WATER MAIN       |
|  | EXISTING GAS MAIN            |

**NOTES**

WATER AND SEWER UTILITIES  
THE PROPOSED BUILDING WILL NOT HAVE WATER OR SEWER CONNECTIONS AT THIS TIME.

EXISTING DRAINAGE SYSTEMS  
THERE ARE NO EXISTING DRAINAGE SYSTEMS ADJACENT TO THE SUBJECT PROJECT.

PARKING SPACES  
PARKING WILL BE EITHER INSIDE (3 SPACES) OR IMMEDIATELY NORTH OF THE PROPOSED BUILDING (3 SPACES).



**4.1** SITE PLAN  
SCALE: AS SHOWN

**James A. Sewell and Associates, LLC**  
1319 NORTH DIVISION AVENUE  
SANDPOINT, IDAHO 83864  
(208) 263-4160

**VICINITY MAP, STORMWATER MANAGEMENT, EROSION CONTROL & SITE PLAN**

**PROJECT: MORELAND SHOP WELTY'S LOT 14A BONNER COUNTY, IDAHO**

SHEET TITLE: VICINITY MAP, STORMWATER MANAGEMENT, EROSION CONTROL & SITE PLAN

DATE: 7-6-2018

SCALE: AS SHOWN

DESIGNED: JFQ/TCB

DRAWN: JFQ

CHECKED: TCB

PROJ NO: TBD

CAD FILE: E-MORELAND L14A

SHEET 1 OF 2

GENERAL - ALL EROSION AND SEDIMENT CONTROL METHODS SHALL CONFORM TO THE REQUIREMENTS SET FORTH WITHIN THE "HANDBOOK OF BEST MANAGEMENT PRACTICES FOR STORMWATER MANAGEMENT AND EROSION AND SEDIMENT CONTROL CONTROL" (HANDBOOK), AS PREPARED FOR THE PANHANDLE HEALTH DISTRICT AND THE INTERAGENCY STORMWATER COMMITTEE.

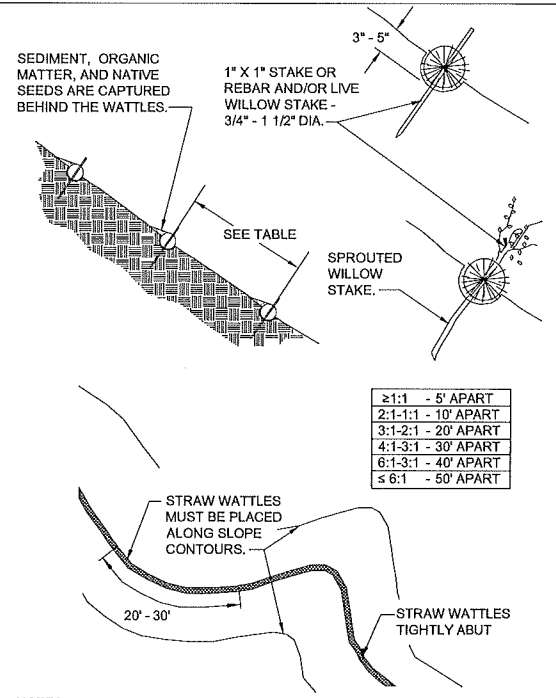
EROSION AND SEDIMENT CONTROL DURING CONSTRUCTION - THE CONTRACTOR/DEVELOPER IS RESPONSIBLE FOR OBTAINING A STORMWATER PERMIT FOR CONSTRUCTION ACTIVITIES FROM THE EPA NATIONAL DISCHARGE ELIMINATION SYSTEM PROGRAM IF REQUIRED. EROSION AND SEDIMENT CONTROL SHALL BE ACCOMPLISHED AS NECESSARY THROUGH STRAW MULCHING, STRAW WATTLES, AND THROUGH THE USE OF OTHER METHODS AS NECESSARY, AS DESCRIBED IN CHAPTER IV, "TEMPORARY SOIL STABILIZATION" OF THE HANDBOOK. ALL METHODS SHALL BE IN ACCORDANCE WITH THE GUIDELINES AS DESCRIBED IN THE HANDBOOK.

OPERATION AND MAINTENANCE REQUIREMENTS - ALL TEMPORARY AND PERMANENT EROSION AND SEDIMENT CONTROL METHODS SHALL BE MAINTAINED ACCORDING TO THE OPERATION AND MAINTENANCE PLAN WITHIN THE EROSION CONTROL PLAN FOR THE PROJECT AS WELL AS THE MAINTENANCE REQUIREMENTS SET FORTH BY THE CITY. MAINTENANCE SHALL BE PERFORMED IN ORDER TO PROVIDE CONTINUED AND PRODUCTIVE GRASS GROWTH AND THE REMOVAL OF SEDIMENT AS NECESSARY.

TEMPORARY EROSION CONTROL DEVICES SHALL BE COMPLETELY REMOVED UPON COMPLETION OF THE PROJECT.

ALL DISTURBED AREAS SHALL BE REVEGETATED WITH NATIVE PLANTS AND/OR LAWN GRASSES UPON COMPLETION OF CONSTRUCTION.

**2.4 SPECIFICATIONS**  
SCALE: AS SHOWN



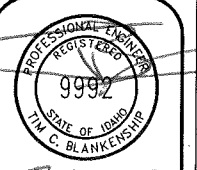
- NOTES:
1. STRAW WATTLES ARE TUBES MADE FROM STRAW BOUND W/ PLASTIC NETTING. THEY ARE APPROX. 9" DIA. AND 20 - 30 FT. LONG.
  2. STRAW WATTLES TRAP SEDIMENT AND REDUCE SHEET & RILL EROSION BY REDUCING SLOPE GRADIENT, INCREASING INFILTRATION RATES AND BY PRODUCING A FAVORABLE ENVIRONMENT FOR PLANT ESTABLISHMENT.
  3. STRAW WATTLE INSTALLATION REQUIRES THE PLACEMENT AND SECURE STAKING OF THE WATTLE IN A TRENCH, 3" - 5" DEEP, DUG ON CONTOUR. RUNOFF MUST NOT BE ALLOWED TO RUN UNDER OR AROUND WATTLE.
  4. WATTLES SHALL BE PLACED EVERY 12 FEET UP OR DOWN THE SLOPE.
  5. AREAS WITH STRAW WATTLES SHALL BE SEEDED AND STRAW MULCHED IMMEDIATELY AFTER WATTLE INSTALLATION.

**4.4 STRAW WATTLE**  
SCALE: N.T.S.



**CALL**  
2 WORKING  
DAYS  
**BEFORE**  
**YOU DIG!**

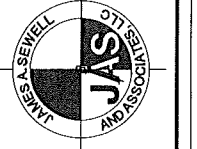
Bonner Boundary One Call  
**811**



7-12-18

|     |           |                        |          |
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SHEET TITLE: **DETAILS AND SPECIFICATIONS**

PROJECT: **MORELAND SHOP  
WELTY'S LOT 14A  
BONNER COUNTY, IDAHO**

DATE: 7-6-2018  
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