

WASHDOWN STATION

PHYSICAL DESCRIPTION - An area located at construction entrances designed to wash sediment from the tires and undercarriage of exiting vehicles and prevent sediment from being tracked onto existing roadways.

WHERE BMP IS TO BE INSTALLED - Across or immediately adjacent to exit paths from unpaved construction sites.

CONDITIONS FOR EFFECTIVE USE OF BMPs

Drainage: Downstream BMPs sized to treat dirty runoff from washdown station

WHEN BMP IS TO BE INSTALLED - First order of work, along with construction entrance, prior to vehicles or equipment accessing unpaved areas.

INSTALLATION/CONSTRUCTION PROCEDURES

- ✓ Grade and compact area for drainage under washdown pad.
- ✓ Install steel-ribbed plate on frame or other support to allow a 2" drain space.
- ✓ Grade and vegetate downstream BMPs (V-ditch shown on detail).
- ✓ Install water supply and hose.
- ✓ Post sign in advance of station indicating that all exiting vehicles and equipment must use station prior to exiting site.

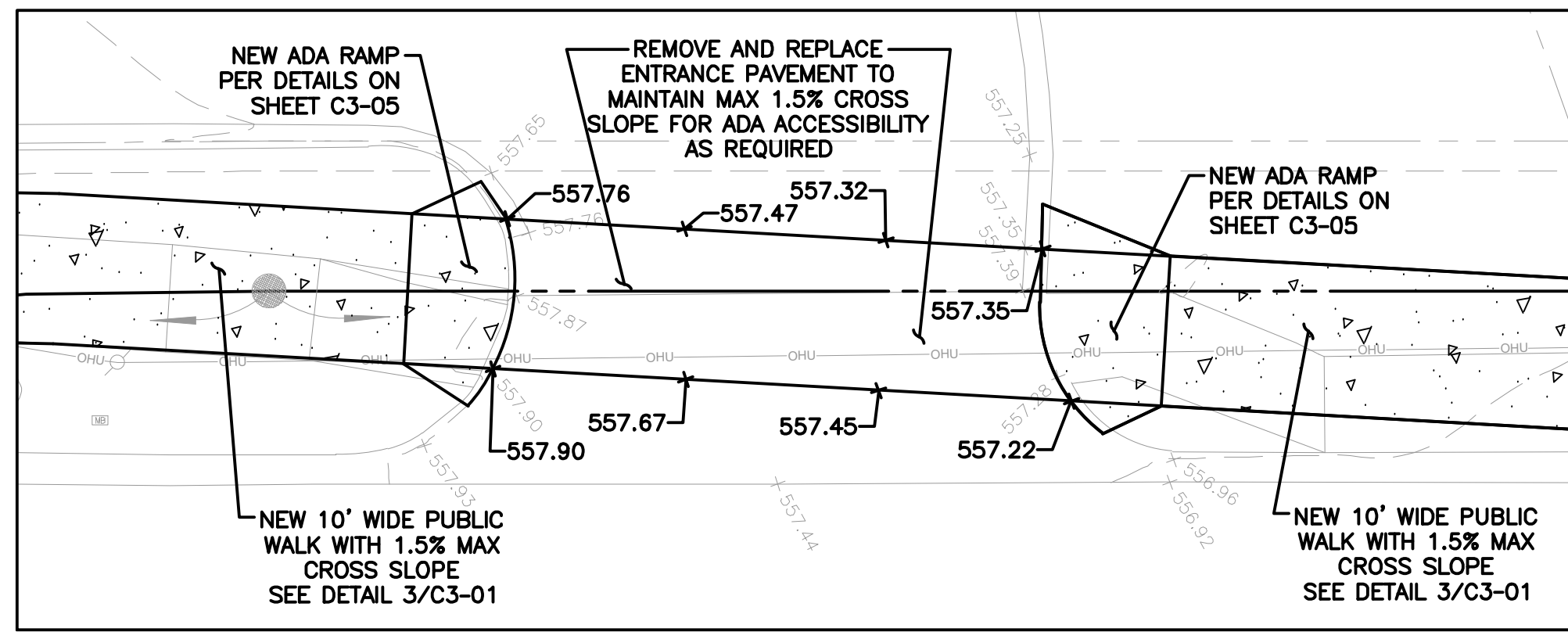
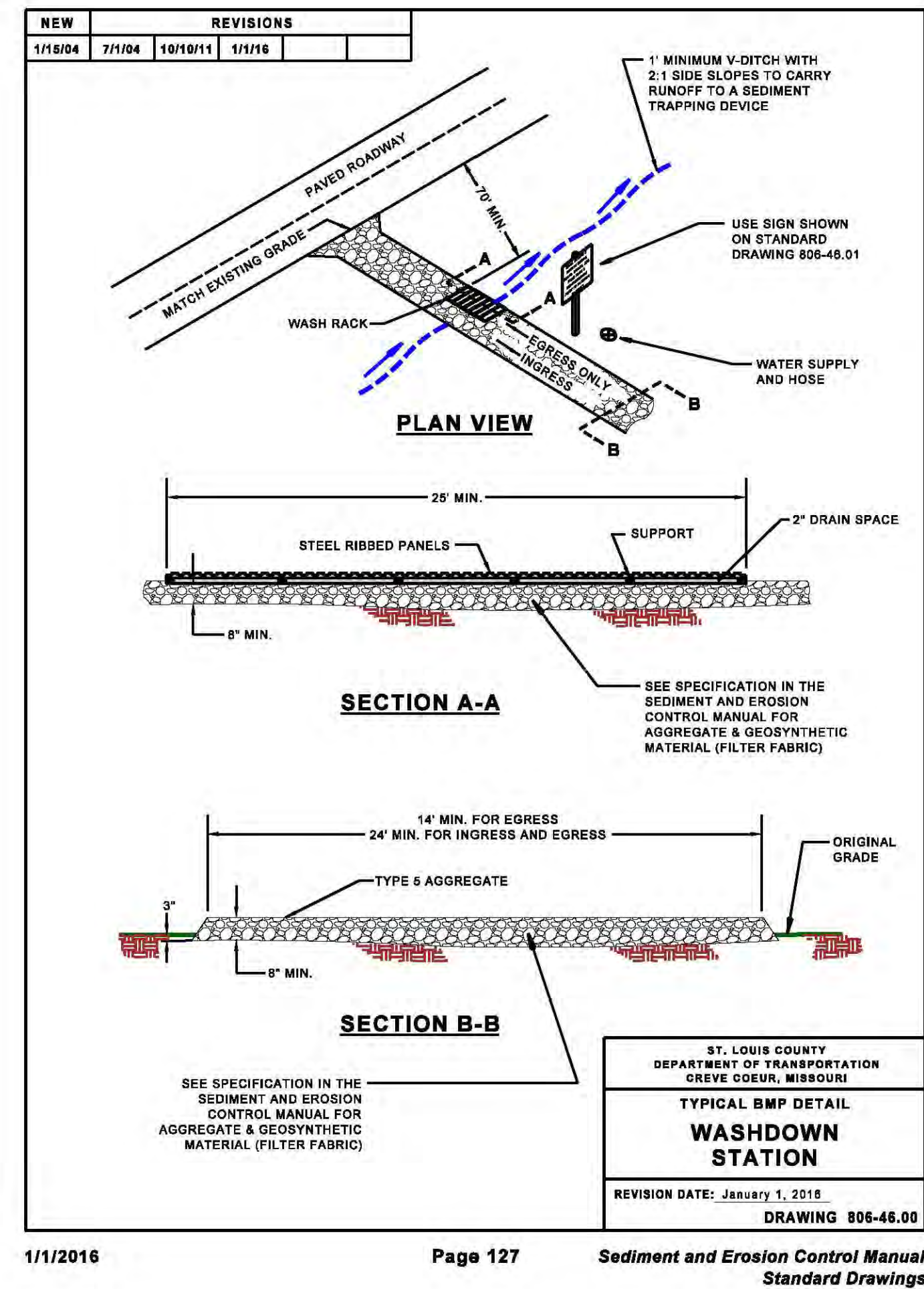
O&M PROCEDURES:

- ✓ Remove sediment daily.
- ✓ Repair settled areas.
- ✓ Replace rock if necessary to maintain clean surface.

SITE CONDITIONS FOR REMOVAL - Remove when vehicles and equipment will no longer access unpaved areas.

TYPICAL DETAIL - 806-46.00

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Revisions

0	ISSUED FOR REVIEW	08/10/21
1	CITY COMMENTS	01/23/23
2	CITY COMMENTS	02/16/23
3	CITY COMMENTS	03/15/23
4	CITY COMMENTS	03/28/23
4	CITY COMMENTS	05/05/23

PROJECT TITLE
Royal Fuels
8201 Mexico Rd.
O'Fallon, MO 63376



Michael A. Buescher, P.E., Civil Engineering
Missouri P.E. E-2001018714
MB Engineering, Inc. Missouri Authority No. E-2015041404
The Professional Engineer's seal affixed to this sheet indicates that the named Engineer has prepared or directed the preparation of the material shown on this sheet. Other drawings and documents not exhibiting this seal shall not be considered prepared by or the responsibility of the undersigned.

Developer / Owner Information
ROYAL ENERGY, LLC

Erosion Control Details

P+Z No. 23-000415
Approval Date
Permit No. CSP23-000002

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