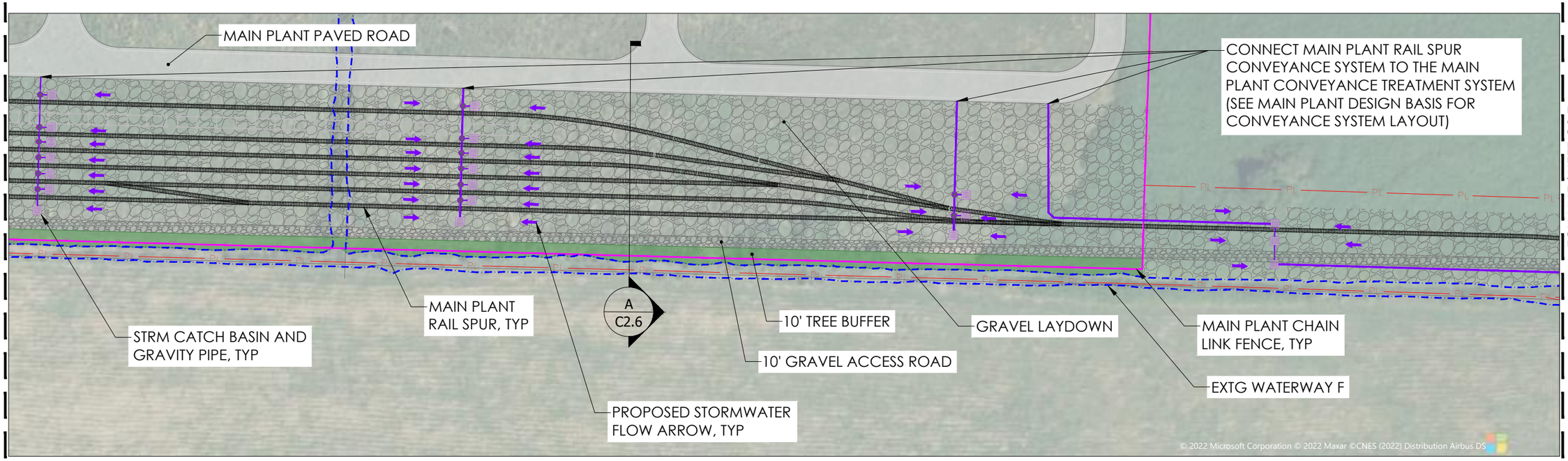

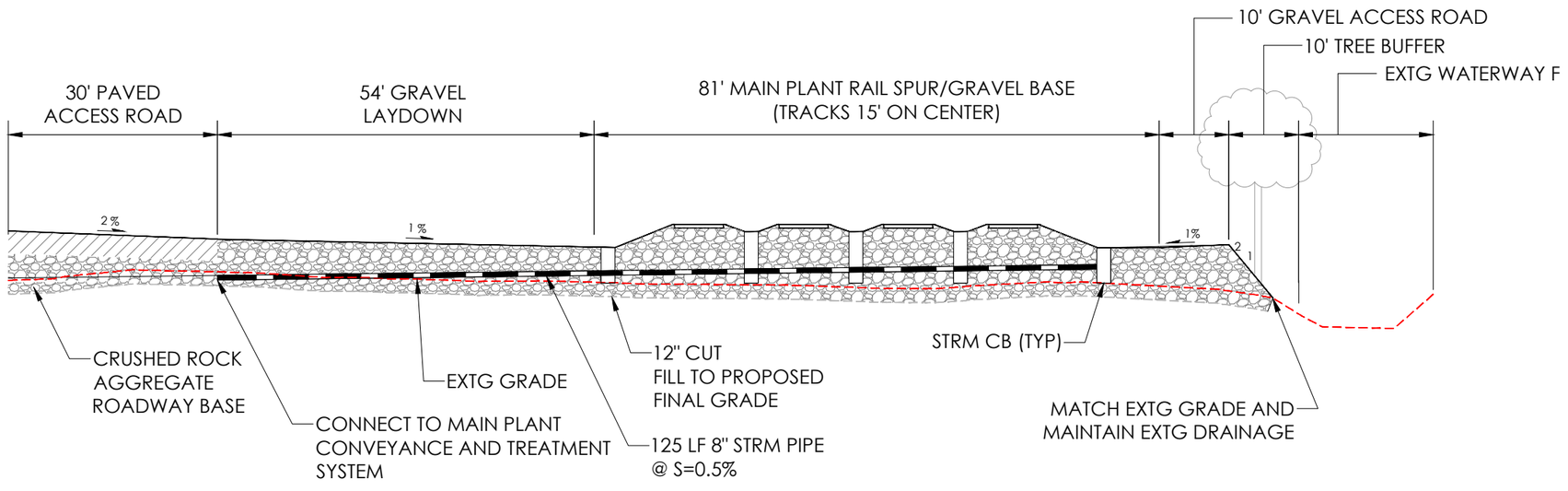

A MAIN PLANT RAIL SPUR TYPICAL SECTION
NOT TO SCALE

SITE LOCATION KEY

PERMIT DOCUMENT

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Date:12/9/2022 5:40:40 PM

MFA JOB #:	M1724.01
ISSUE DATE:	12/09/2022
CHECKED:	A. BANASIK
DRAWN:	L. DANIEL

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3140 NE BROADWAY STREET
PORTLAND, OR 97232
PHONE: 971.544.2139
www.maulfoster.com

NEXT Renewable Fuels, Inc.

MAIN PLANT RAIL SPUR PLAN AND SECTION II

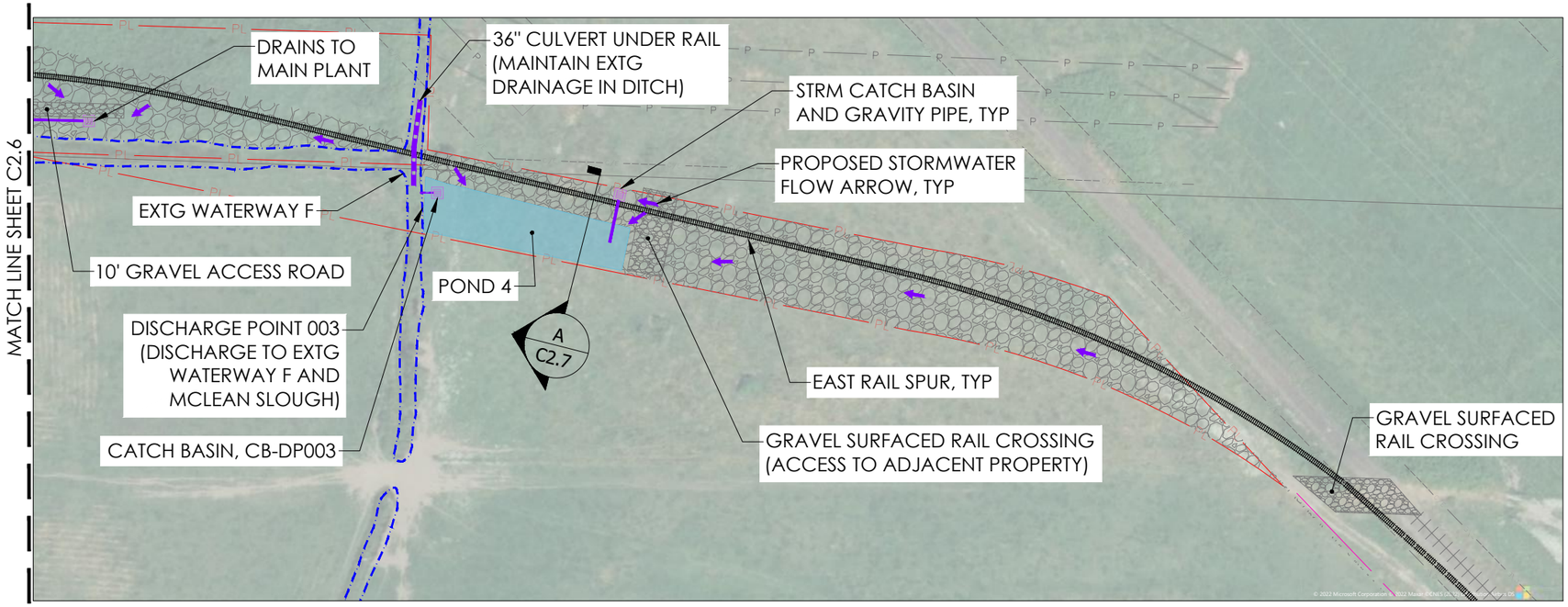
NEXT RENEWABLE FUELS OREGON

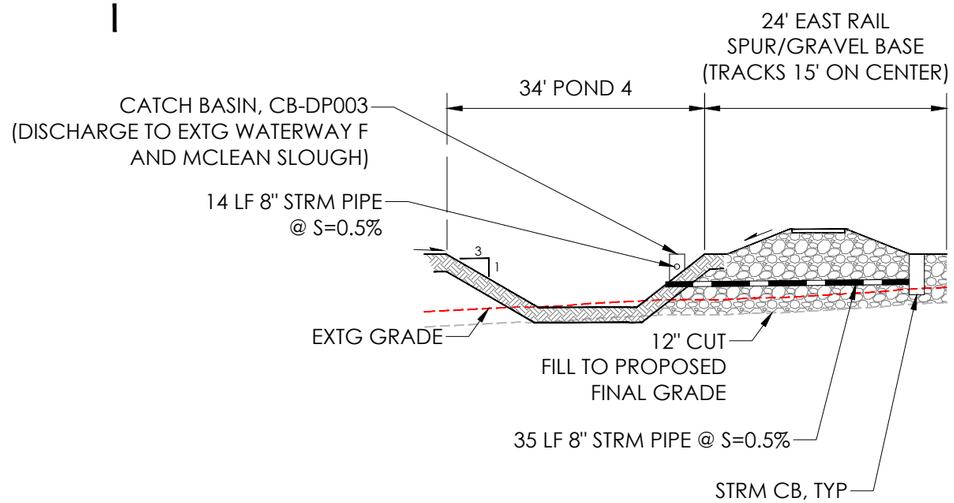
NEXT RENEWABLE FUELS, INC.
PORT WESTWARD, OREGON

0 100' 200'

NOTE: BAR IS ONE INCH ON ORIGINAL DRAWING. IF NOT ONE INCH ON THIS SHEET, ADJUST SCALE ACCORDINGLY.

EXHIBIT
C2.6





A EAST RAIL SPUR TYPICAL SECTION
NOT TO SCALE

SITE LOCATION KEY

PERMIT DOCUMENT

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PORTLAND, OR 97232
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NEXT Renewable Fuels, Inc.

EAST RAIL SPUR PLAN AND SECTION

NEXT RENEWABLE FUELS OREGON

NEXT RENEWABLE FUELS, INC.
PORT WESTWARD, OREGON

0 100' 200'

NOTE: BAR IS ONE INCH ON ORIGINAL DRAWING. IF NOT ONE INCH ON THIS SHEET, ADJUST SCALE ACCORDINGLY.

EXHIBIT C2.7

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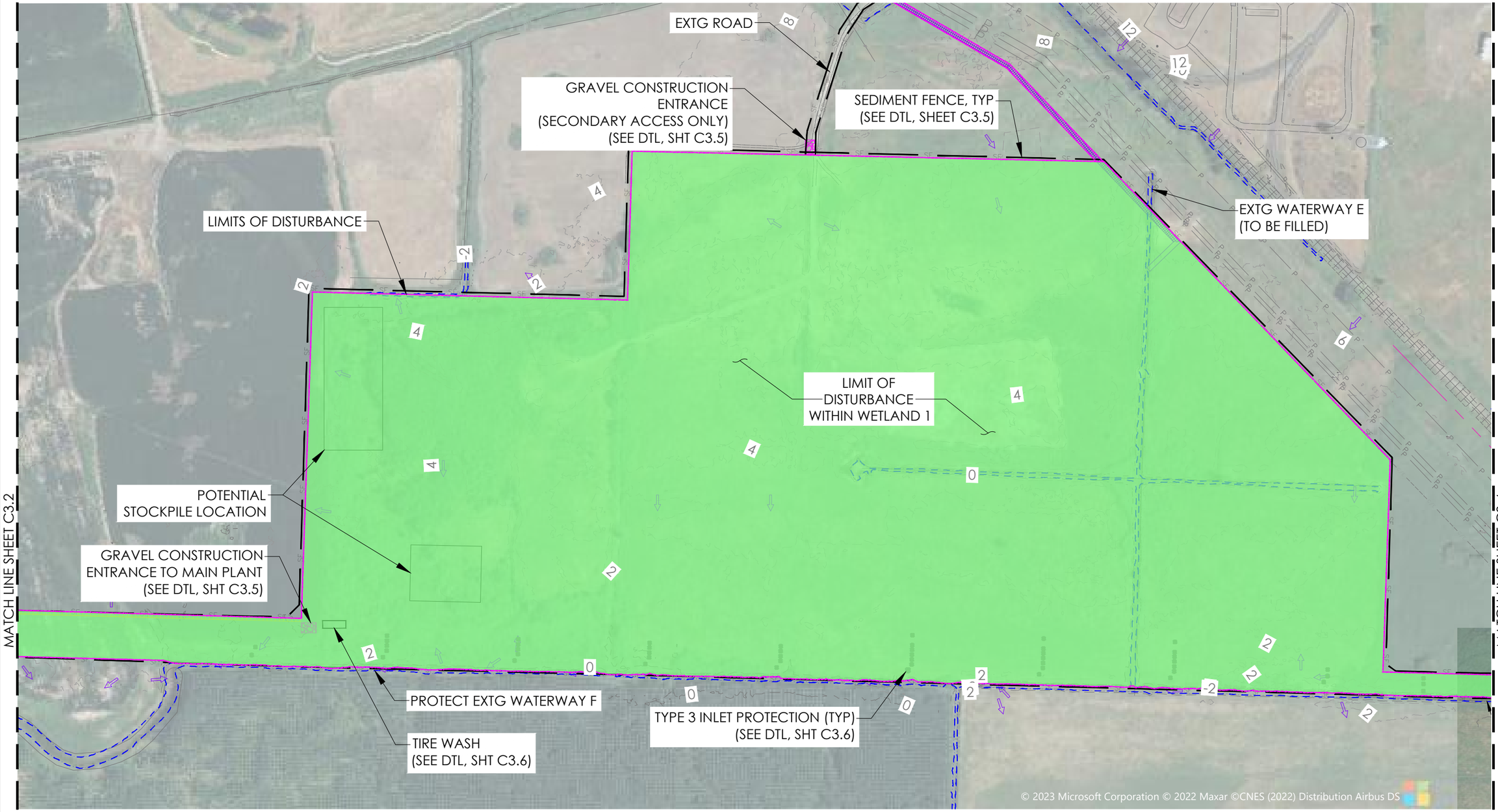

PERMIT DOCUMENT

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Printed by: Brian Tino

Date: 1/19/2023 11:21:00 AM

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NEXT Renewable Fuels, Inc.

MAIN PLANT ESCP

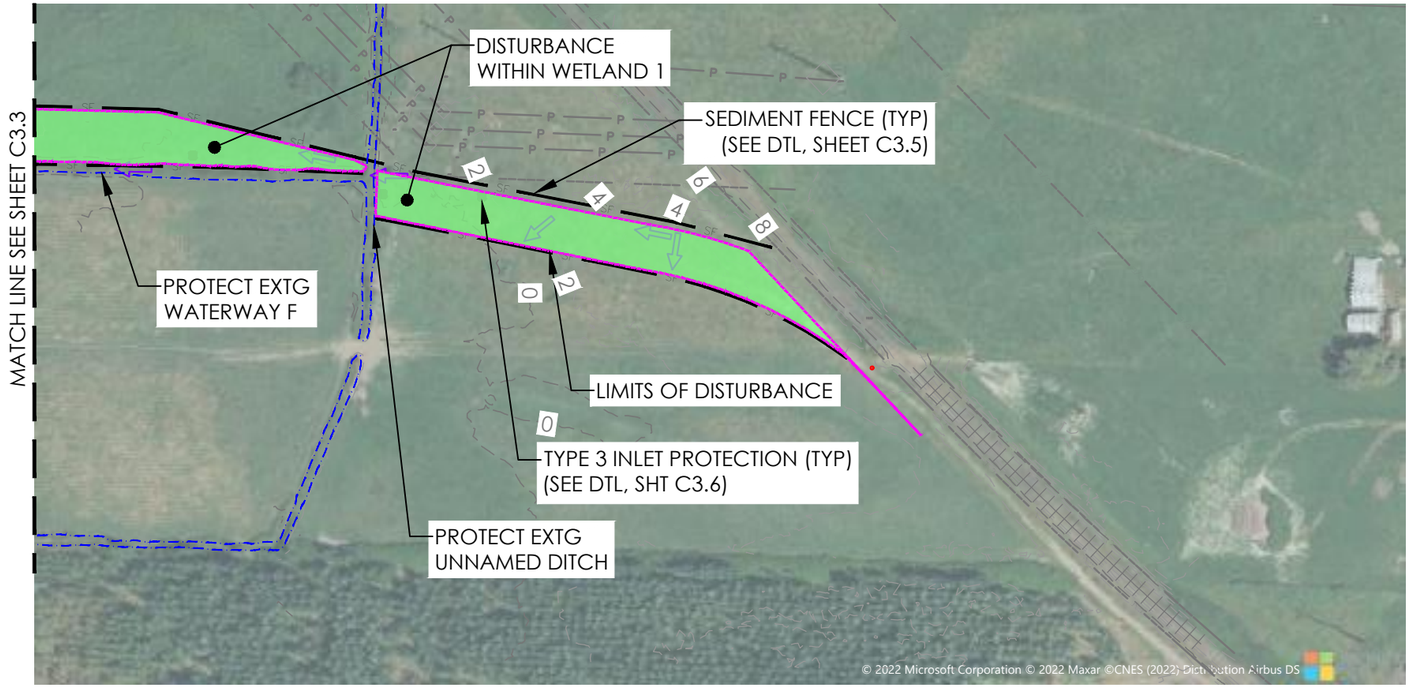
NEXT RENEWABLE FUELS OREGON

NEXT RENEWABLE FUELS, INC.
PORT WESTWARD, OREGON

0 250' 500'

NOTE: BAR IS ONE INCH ON ORIGINAL DRAWING. IF NOT ONE INCH ON THIS SHEET, ADJUST SCALE ACCORDINGLY.

EXHIBIT C3.3



PERMIT DOCUMENT

MFA JOB #:	M1724.01
ISSUE DATE:	12/09/2022
CHECKED:	A. BANASIK
DRAWN:	L. DANIEL

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PHONE: 971.544.2139
www.maulfoster.com

NEXT Renewable Fuels, Inc.

EAST RAIL SPUR ESCP

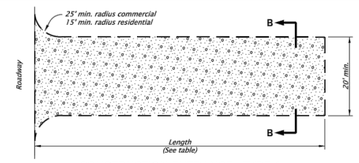
NEXT RENEWABLE FUELS OREGON

NEXT RENEWABLE FUELS, INC.
PORT WESTWARD, OREGON

0 200' 400'

NOTE: BAR IS ONE INCH ON ORIGINAL DRAWING. IF NOT ONE INCH ON THIS SHEET, ADJUST SCALE ACCORDINGLY.

EXHIBIT
C3.4



CONSTRUCTION ENTRANCE - TYPE 1
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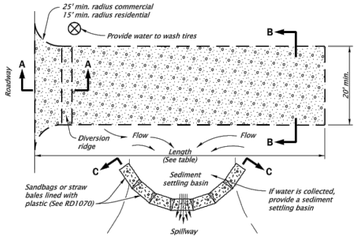

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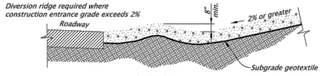
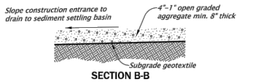
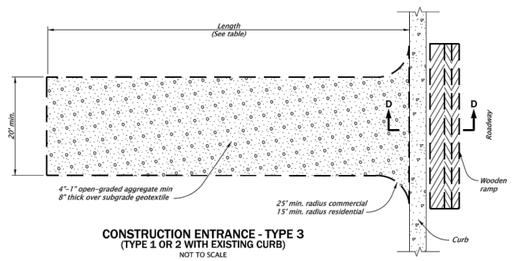


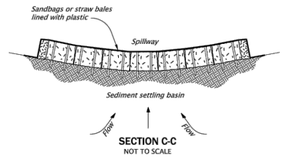
SECTION A-A
NOT TO SCALE



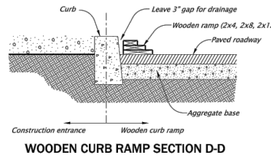
SECTION B-B
NOT TO SCALE



CONSTRUCTION ENTRANCE - TYPE 3
(TYPE 1 OR 2 WITH EXISTING CURB)
NOT TO SCALE



SECTION C-C
NOT TO SCALE



WOODEN CURB RAMP SECTION D-D
NOT TO SCALE

NOTES:
1. The Type 1 entrance is a simple entrance without a diversion ridge or settling basin.
2. The wooden ramp may be used on either Type 1 or Type 2 entrances in situations where there is curb and the curb is not removed for the construction entrance.

CONSTRUCTION ENTRANCE TABLE MINIMUM LENGTH	
Length (FT)	Area Of Exposed Soil (Acre)
20	0.25
50	0.25 < A < 1.0
100	A > 1.0

CALC. BOOK NO.	N/A	SDR DATE	January, 2021

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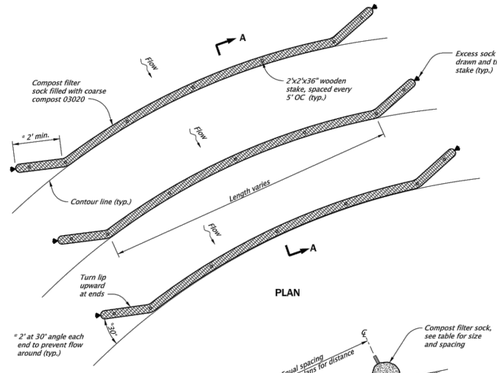
OREGON STANDARD DRAWINGS

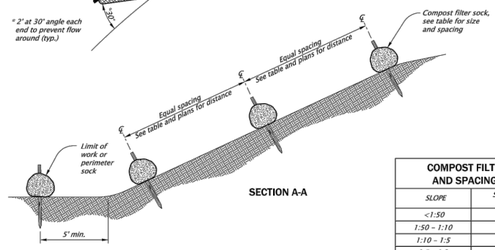
CONSTRUCTION ENTRANCES

2021

DATE	REVISION DESCRIPTION
Jan 2021	Removed Calc book numbers

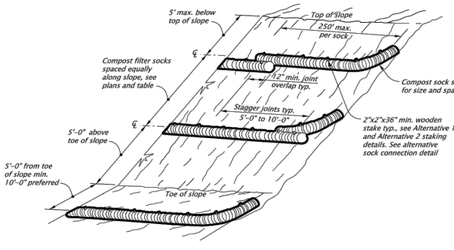


PLAN

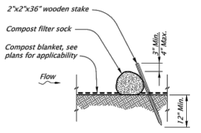


SECTION A-A

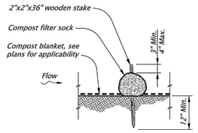
NOTE:
Fully biodegradable compost sock mesh is recommended for permanent installations. Where compost socks must be moved or removed, synthetic sock mesh should be used.



SLOPE APPLICATION - PERSPECTIVE VIEW



ALTERNATIVE 1 (Staking)



ALTERNATIVE 2 (Staking)

COMPOST FILTER SOCK DIAMETER AND SPACING BASED ON SLOPE		
SLOPE	SPACING (ft)	DIAMETER (in)
<1:50	250	8
1:50 – 1:10	125	12
1:10 – 1:5	100	12
1:5 – 1:2	50	18
>1:2	25	18

COMPOST FILTER SOCK
NOT TO SCALE

CALC. BOOK NO.	N/A	SDR DATE	January, 2021

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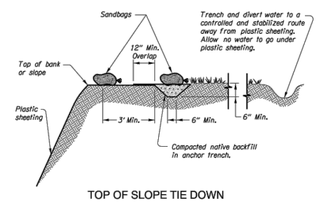
NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

OREGON STANDARD DRAWINGS

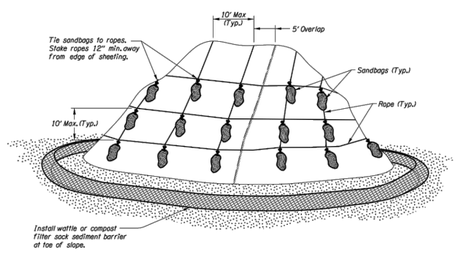
SEDIMENT BARRIER TYPE 8

2021

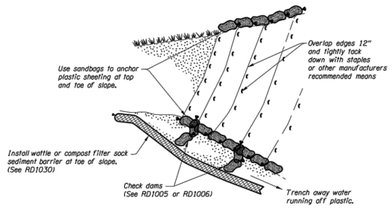
DATE	REVISION DESCRIPTION
Jan 2021	Removed Calc book numbers



TOP OF SLOPE TIE DOWN

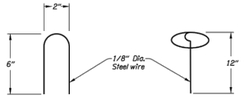


STOCKPILE



SLOPES

NOTES:
1. Install plastic sheeting vertically down slope.
2. Install plastic sheeting so edges overlap and are shingled away from prevailing winds.



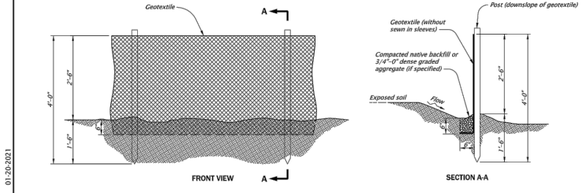
STAPLE DETAIL PIN STAPLE

The selection and use of this detail, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.

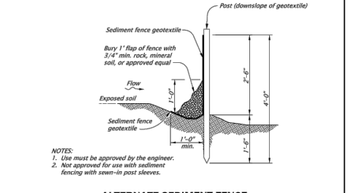
OREGON DEPARTMENT OF TRANSPORTATION TECHNICAL SERVICES DETAILS

PLASTIC SHEETING

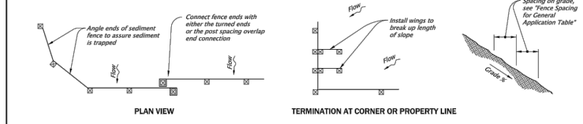
DETAIL NO. DET6001



SEDIMENT FENCE AND GEOTEXTILE BURY DETAIL - TYPE 1
NOT TO SCALE



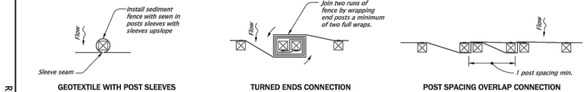
ALTERNATE SEDIMENT FENCE WITHOUT TRENCHING - TYPE 2
NOT TO SCALE



GENERAL NOTES:
1. Use 2"x2" wood fence posts.
2. Posts to be installed on downhill side of sediment fence geotextile. Position posts to prevent separation from geotextile.
3. Compact filter fabric trench backfill and soil on uphill side of fence.
4. Locate fence no closer than three feet to the toe of a slope.
5. Wing spacing shall comply with "Fence Spacing for General Application Table".

FENCE SPACING FOR GENERAL APPLICATION TABLE	
INSTALL PARALLEL ALONG CONTOURS AS FOLLOWS	
GRADE	MAXIMUM SPACING ON GRADE
Grade < 10%	300'
10% ≤ Grade < 15%	150'
15% ≤ Grade < 20%	100'
20% ≤ Grade < 30%	50'
30% ≤ Grade	25'

POST SPACING TABLE	
6'	Sediment Fence with Geotextile elongation less than 50%
4'	Sediment Fence with Geotextile elongation 50% or more



GEOTEXTILE END CONNECTIONS
NOT TO SCALE

CALC. BOOK NO.	N/A	SDR DATE	January, 2021

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NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications

OREGON STANDARD DRAWINGS

SEDIMENT FENCE

2021

DATE	REVISION DESCRIPTION
Jan 2021	Removed Calc book numbers

01-20-2021
rd1040.dgn
RD1040

Effective Date: June 1, 2022 - November 30, 2022 RD1040

PERMIT DOCUMENT

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Printed by: Brian Tino
Date:12/7/2022 9:42:06 PM

MFA JOB #: M1724.01
ISSUE DATE: 12/09/2022
CHECKED: A. BANASIK
DRAWN: L. DANIEL

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PORTLAND, OR 97232
PHONE: 971.544.2139
www.maulfoster.com

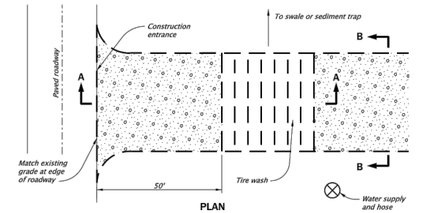
NEXT Renewable Fuels, Inc.

ESCP DETAILS I

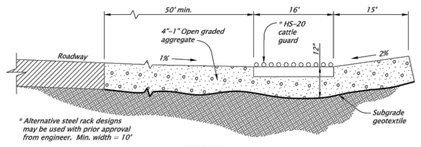
NEXT RENEWABLE FUELS OREGON

NEXT RENEWABLE FUELS, INC.
PORT WESTWARD, OREGON

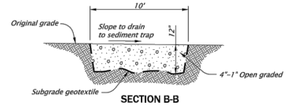
EXHIBIT
C3.5



PLAN



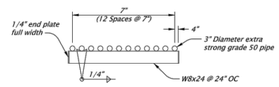
SECTION A-A



SECTION B-B

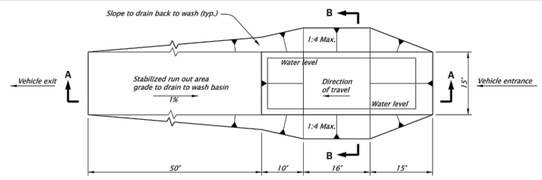
TIRE WASH - TYPE 1 (MANUAL HOSE WASH)

NOT TO SCALE

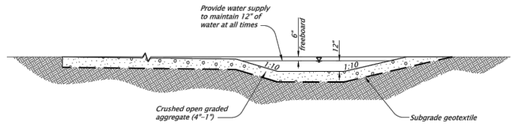


HS-20 CATTLE GUARD

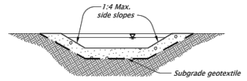
NOT TO SCALE



PLAN



SECTION A-A



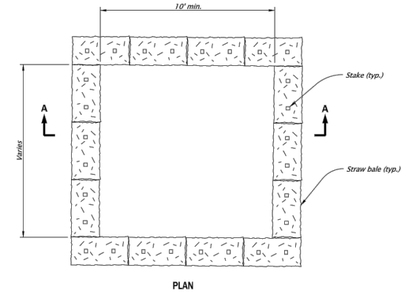
SECTION B-B

TIRE WASH - TYPE 2

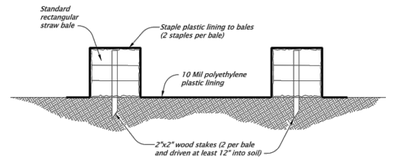
NOT TO SCALE

CALC. BOOK NO. N/A	SDR DATE January, 2021
The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.	NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications **OREGON STANDARD DRAWINGS** **TIRE WASH FACILITY TYPE 1 AND 2** 2021

DATE	REVISION DESCRIPTION
Jan 2021	Removed Calc book numbers



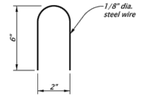
PLAN



SECTION A-A

CONCRETE TRUCK WASH OUT FACILITY

NOT TO SCALE



STAPLE DETAIL

NOT TO SCALE

CALC. BOOK NO. N/A	SDR DATE January, 2021
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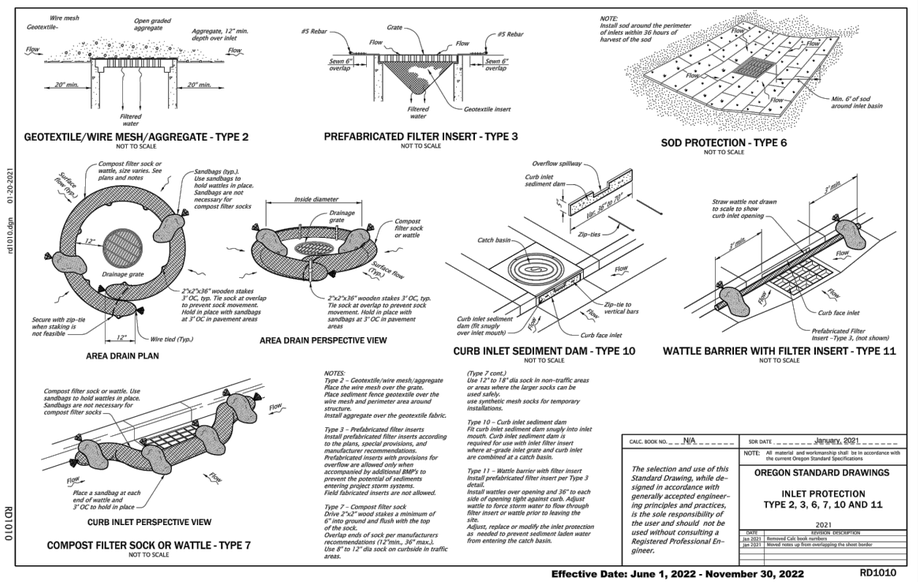
DATE	REVISION DESCRIPTION



GEOTEXTILE/WIRE MESH/AGGREGATE - TYPE 2
NOT TO SCALE

PREFABRICATED FILTER INSERT - TYPE 3
NOT TO SCALE

SOD PROTECTION - TYPE 6
NOT TO SCALE

AREA DRAIN PLAN

AREA DRAIN PERSPECTIVE VIEW

CURB INLET SEDIMENT DAM - TYPE 10
NOT TO SCALE

WATTLE BARRIER WITH FILTER INSERT - TYPE 11
NOT TO SCALE

CURB INLET PERSPECTIVE VIEW

COMPOST FILTER SOCK OR WATTLE - TYPE 7
NOT TO SCALE

NOTES:
Type 2 – Geotextile/wire mesh/aggregate
Place the wire mesh over the grate. Place sediment fence geotextile over the wire mesh and perimeter area around structure.
Install aggregate over the geotextile fabric.

Type 3 – Prefabricated filter inserts
Install prefabricated filter inserts according to the plans, special provisions, and manufacturer recommendations. Prefabricated inserts with provisions for overflow are allowed only when accompanied by additional BMPs to prevent the potential of sediments entering project storm systems. Field fabricated inserts are not allowed.

Type 7 – Compost filter sock
Drive 2"x2" wood stakes a minimum of 6" into ground and flush with the top of the sock.
Overlap ends of sock per manufacturers recommendations (12"min., 36" max.).
Use 8" to 12" dia sock on curbside in traffic areas.

(Type 7 cont.)
Use 12" to 18" dia sock in non-traffic areas or areas where the larger socks can be used safely.
use synthetic mesh socks for temporary installations.

Type 10 – Curb inlet sediment dam
Fit curb inlet sediment dam snugly into inlet mouth. Curb inlet sediment dam is required for use with inlet filter insert where at–grade inlet grate and curb inlet are combined at a catch basin.

Type 11 – Wattle barrier with filter insert
Install prefabricated filter insert per Type 3 detail.
Install wattles over opening and 36" to each side of opening tight against curb. Adjust wattle to force storm water to flow through filter insert or wattle prior to leaving the site.
Adjust, replace or modify the inlet protection as needed to prevent sediment laden water from entering the catch basin.

CALC. BOOK NO. N/A	SDR DATE January, 2021
The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without consulting a Registered Professional Engineer.	NOTE: All material and workmanship shall be in accordance with the current Oregon Standard Specifications **OREGON STANDARD DRAWINGS** **INLET PROTECTION TYPE 2, 3, 6, 7, 10 AND 11** 2021

DATE	REVISION DESCRIPTION
Jan 2021	Removed Calc book numbers
Jan 2021	Moved notes up from overlapping the sheet border

RD1010.dgn 01-20-2021

RD1010

Effective Date: June 1, 2022 - November 30, 2022 RD1010

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Date:12/7/2022 9:56:33 PM

MFA JOB #:	M1724.01
ISSUE DATE:	12/09/2022
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ESCP DETAILS II

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