The First 3 Paragraphs Of General Notes Are Applicable To All Erosion Control Plans. Use And Add Others As Appropriate.

HORIZONTAL GENERAL NOTE VERSION

GENERAL NOTES:

The Implementation Of These Erosion Control Plans And The Construction, Maintenance, Replacement And Upgrading Of These Facilities Are The Responsibility Of The Contractor Until All Construction Is Completed And Approved.

Develop A Revised Plan Of The Erosion Control Facilities Shown In Accordance With The Requirements Of Sec. 00.280, Supplemental Standard Specifications. This Plan Must Be Constructed In Conjunction With All Clearing And Grading Activities. Construct In Such A Manner As To Insure That Sediment And Sediment-Laden Water Does Not Enter The Drainage System, Roadway, Or Violate Applicable Water Standards. Construct Controls In Segments Applicable To Each Staging Phase.

The Erosion Control Facilities Shown On This Plan Are The Minimum Requirements For Anticipated Site Conditions. During The Construction Period, These Facilities Shall Be Upgraded For Unexpected Storm Events And To Insure That Sediment And Sediment-Laden Water Do Not Leave The Site.

Stabilized Construction Entrances Shall Be Installed At The Beginning Of Construction And Maintained For The Duration Of The Project. Additional Measures May Be Required To Insure That All Paved Areas Are Kept Clean For The Duration Of The Project.

Install Supported Silt Fence With A Backing Of Straw Bale Sediment Barrier. (For Details, See Sht. XX)

Construct Silt Fence At The Toe Of Fill Slopes. In Areas Where Sediment-Laden Water Has A Potential Of Entering Waterways Or Leaving The R/W.

LC=sup sed fence_V8

LC=unsup sed fence_V8

LS=New #1

LS=New #2

LS=New #3

LEGEND

- Fill Slope
- Cut Slope
- Direction Of Flow
- Inlet
- Inlet Protection
- Supported Silt Fence
- Unsupported Silt Fence
- Check Dam In Ditch Section
- Check Dam/Supported Silt Fence Pipe Inlet Barrier
- Check Dam/Supported Silt Fence (Last Exit)
- Straw Bale Sediment Barrier
- Sediment Trap
- Scour Basin
- Aggregate Const. Entrance
- Bio Bags
- Temporary Slope Drains
- Diversion Dike
- Diversion Swale
- Diversion Dike/Swale

NORMAL GENERAL NOTE VERSION

GENERAL NOTES:

The Implementation Of These Erosion Control Plans And The Construction, Maintenance, Replacement And Upgrading Of These Facilities Are The Responsibility Of The Contractor Until All Construction Is Completed And Approved.

Develop A Revised Plan Of The Erosion Control Facilities Shown Accordance With The Requirements Of Sec. 00280, Supplemental Standard Specifications. This Plan Must Be Constructed In Conjunction With All Clearing And Grading Activities. Construct In Such A Manner As To Insure That Sediment And Sediment-Laden Water Does Not Enter The Drainage System, Roadway, Or Violate Applicable Water Standards. Construction Controls In Segments Applicable To Each Staging Phase.

The Erosion Control Facilities Shown On This Plan Are The Minimum Requirements For Anticipated Site Conditions. During The Construction Period, These Facilities Shall Be Upgraded As Needed For The Unexpected Storm Events And To Insure That Sediment And Sediment-Laden Water Do Not Leave The Site.

Stabilized Construction Entrances Shall Be Installed At The Begining Of Construction And Maintained For The Duration Of The Project. Additional Measures May Be Required To Insure That All Paved Areas Are Kept Clean For Duration Of Project.

Install Supported Silt Fence With A Backing Of Straw Bale Sediment Barrier Where Shown On The Plans. (For Details, See Sht. XX)

Construct Silt Fence At The Toe Of Fill Slopes In Areas Where Sediment-Laden Water Has A Potential Of Entering Waterways Or Leaving The R/W.

ABOVE TITLE BLOCK GENERAL NOTE VERSION

GENERAL NOTES:

The Implementation Of These Erosion Control Plans And The Construction, Maintenance, Replacement And Upgrading Of These Facilities Are The Responsibility Of The Contractor Until All Construction Is Completed And Approved.

Develop A Revised Plan Of The Erosion Control Facilities Shown In Accordance With The Requirements Of Sec. 00280, Supplemental Standard Specifications. This Plan Must Be Constructed In Conjunction With All Clearing And Grading Activities. Construct In Such A Manner As To Insure That Sediment And Sediment-Laden Water Does Not Enter The Drainage System, Roadway, Or Violate Applicable Water Standards. Construct Controls In Segments Applicable To Each Staging Phase.

The Erosion Control Facilities Shown On This Plan Are The Minimum Requirements For Anticipated Site Conditions. During The Construction Period, These Facilities Shall Be Upgraded For Unexpected Storm Events And To Insure That Sediment And Sediment-Laden Water Do Not Leave The Site.

Stabilized Construction Entrances Shall Be Installed At The Beginning Of Construction And Maintained For The Duration Of The Project. Additional Measures May Be Required To Insure That All Paved Areas Are Kept Clean For The Duration Of The Project.

Install Supported Silt Fence With A Backing Of Straw Bale Sediment Barrier Where Shown On The Plans. (For Details, See Sht. XX)

Construct Silt Fence At The Toe Of Fill Slopes In Areas Where Sediment-Laden Water Has A Potential Of Entering Waterways Or Leaving The R/W.

DO NOT SHOW QUANTITIES ON PLAN SHEETS
SHOW ONLY NOTES AND SYMBOLS ACTUALLY USED

1. Inst. Erosion Control Matting (For Details, See Sht. XX)
2. Const. Supported Silt Fence (For Details, See Sht. XX)
3. Const. Unsupported Silt Fence (For Details, See Sht. XX)
4. Const. Straw Bail Sediment Barrier (For Details, See Sht. XX)
5. Const. Inlet Protection (For Details, See Sht. XX)
6. Const. Aggregate Check Dams (For Details, See Sht. XX)
7. Const. Aggregate Construction Entrance (For Details, See Sht. XX)
8. Const. Biofilter Bag Barrier (For Details, See Sht. XX)
9. Inst. Sand Bags (For Details, See Sht. XX)
10. Const. Temp. Drainage Curb (For Details, See Sht. XX)
10. Const. Temp. Slope Drains (For Details, See Sht. XX)
10. Const. Temp. Sediment Trap (For Details, See Sht. XX)
10. Const. Temp. Scour Holes (For Details, See Sht. XX)

Erosion Control Cache is Available @ ftp://ftp.odot.state.or.us/techserv/contractplans/roaddesign/cpdguide

LEGEND

- Fill Slope
- Cut Slope
- Direction Of Flow
- Inlet
- Inlet Protection
- Supported Silt Fence
- Unsupported Silt Fence
- Check Dam In Ditch Section
- Check Dam/Supported Silt Fence Pipe Inlet Barrier
- Check Dam/Supported Silt Fence (Last Exit)
- Straw Bale Sediment Barrier
- Sediment Trap
- Scour Basin
- Aggregate Const. Entrance
- Bio Bags
- Temporary Slope Drains
- Diversion Dike
- Diversion Swale
- Diversion Dike/Swale

REGISTERED PROFESSIONAL ENGINEER XXXX OREGON JULY 15, 1994 JOEL B. SINAR Expires Dec. 31, 2006

OREGON DEPARTMENT OF TRANSPORTATION
GEO/HYDRO SECTION

EROSION CONTROL CACHE

SHEET NO.

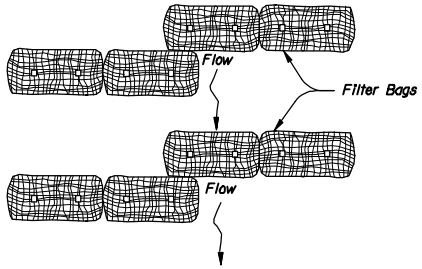
THIS IS THE FILENAME LOCATION ********** DD-MMM-YYYY HH:MM USERNAME

The Geo/Hydro Unit Will Need
The Following Information For O.D.O.T.
To Prepare The Erosion Control Plan:
- Cut And Fill Lines & Topog.
- % Slope
- Drainage Patterns Shown
- % Grades

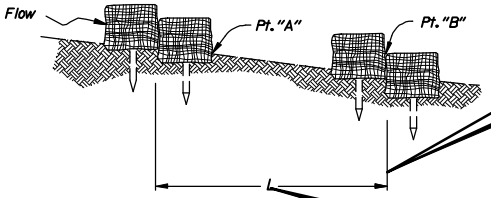
Erosion Control Plans Development
Packet Available. Contact Geo/Hydro Unit
At (503)986-3365 As Needed For Assistance.

ADVANCE COPY
SUBJECT TO CHANGE
GEO/HYDRO
DESIGN UNIT

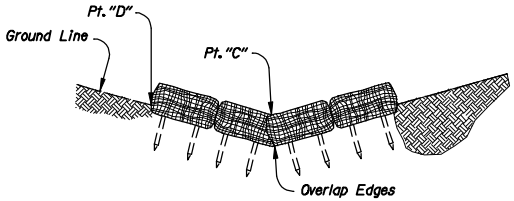
Advance Copy Block Stored
In The Reference File
KEYNUF.NAM.
AC=Advance
Use ODOT.CEL Cell Library.



PLAN



SECTION



FRONT VIEW

DIMENSION AND
EXTENSION LINES:
CO=3
LC=0
WT=1

DIMENSION AND
EXTENSION LINE
TEXT:
FT=24 TX=7.5
CO=3
LS=5 LC=0
JUST=CC WT=2

DETAIL VIEW
TEXT:
FT=4
TX=9.4 CO=3
LS=6 WT=2
JUST=CC

NOTE TEXT:
FT=24
TX=7.5 CO=4
LS=5 WT=2
JUST=LT

BIO-FILTER BAG
SEDIMENT BARRIER

DETAIL TITLE
TEXT:
FT=4
TX=12.5 CO=3
LS=8.33 WT=2
JUST=CC

SHEET TITLE TEXT:
Obtain Text From
keynu.nam, LV=16

SPEC. REFERENCE
TITLE TEXT:
FT=2
TX=9.4 CO=3
LS=6 WT=2
JUST=LT

NOTES:
1. Embed Bags 4" To 6" Into Ground.
2. Drive Stakes Min. 12" Into Ground.
3. Space Bags (L) So Points "A" And "B" Are Of Equal Elevation. Max. Spacing Of 12".
4. Place Bags So Pt. "D" Is 6" Higher Than Pt. "C".

See Supplemental Standard Specifications
Section 280 For Details Not Shown

REGISTERED PROFESSIONAL ENGINEER
XXXX
OREGON
JULY 15, 1994
JOEL B. SINAR
Expires Dec. 31, 200

OREGON DEPARTMENT OF TRANSPORTATION
GEO/HYDRO SECTION

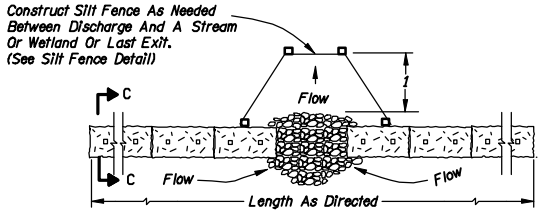
EROSION CONTROL
DETAILS

EROSION CONTROL PLAN

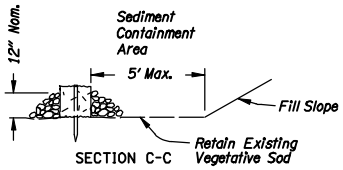
SHEET NO.

THIS IS THE FILENAME LOCATION ********** DD-MMM-YYYY HH:MM USERNAME

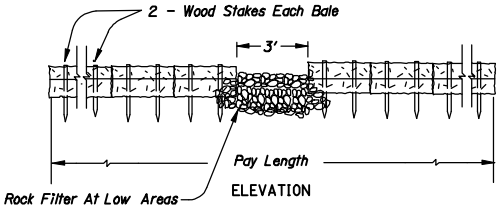
STRAW BALE/GRANULAR DRAIN MATERIAL SEDIMENT BARRIERS



PLAN



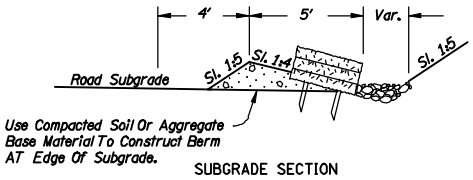
SECTION C-C



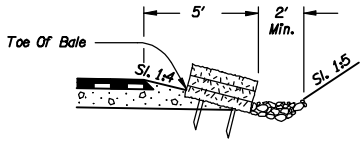
ELEVATION

GENERAL APPLICATION

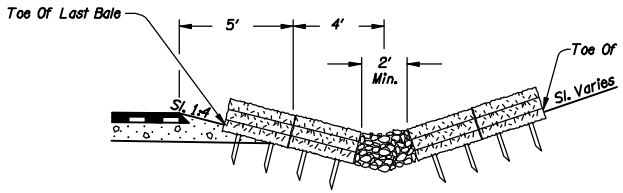
(Perimeter And Overland Flow)



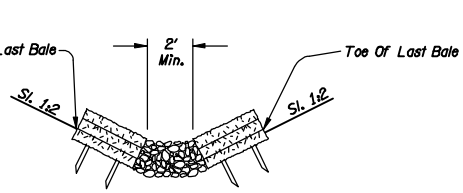
SUBGRADE SECTION



STEEP BACKSLOPE SECTION

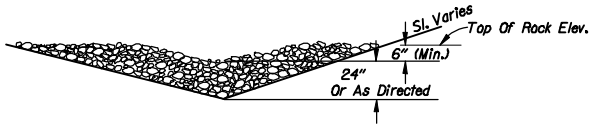


VARIABLE BACKSLOPE SECTION - 1:3 TO 1:6



FLAT BOTTOM DITCH SECTION

SEPARATION LINE:
CO=3
LC=0
WT=5



In Ditch Sections, Granular Drain Backfill Material May Be Approved To Replace The Straw Bales As Directed

DITCH APPLICATIONS

NOTES:

1. *Entrench Bales And Aggregate A Min. Of 4" Into The Soil. Toe Of Last Bale Is Highest Water Control Point.*
2. *Place Bales So Wire/Twine Binding Material Is Not In Contact With The Soil.*
3. *Drive Stakes Flush With Top Of Bale And Into Undisturbed Ground A Min. Of 1'.*
4. *Const. Top Of Aggregate A Min. Of 6" Lower Than The Toe Of Last Bale.*
5. *See Standard Supplemental Specifications Section 280 For Details Not Shown*

BARRIER SPACING	
GRADE	MAXIMUM SPACING
6%	25' O.C.
5%	30' O.C.
4%	40' O.C.
3%	50' O.C.
2%	80' O.C.

TABLE:
CO=3
LC=0
WT=1 & 2

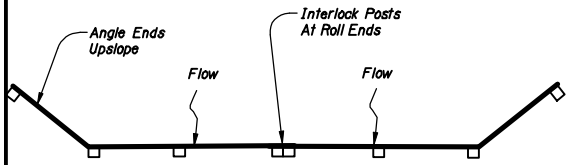
See Supplemental Standard Specifications Section 280 For Details Not Shown

REGISTERED PROFESSIONAL ENGINEER
XXXX
OREGON
JULY 15, 1994
JOEL B. SINAR
Expires Dec. 31, 2006

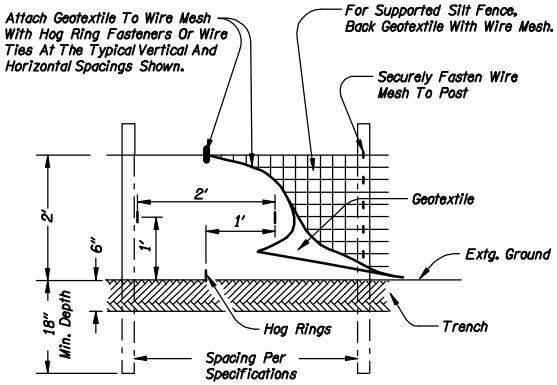
OREGON DEPARTMENT OF TRANSPORTATION
GEO/HYDRO SECTION

EROSION CONTROL DETAILS

SHEET NO.

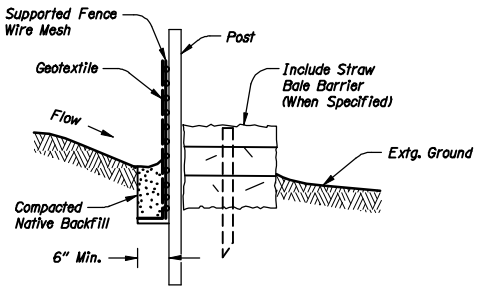


PLAN



ELEVATION

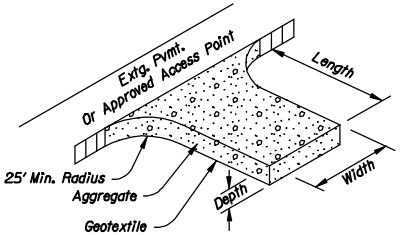
Install Along Contours As Follows:	
SLOPE	MAXIMUM SPACING
Less Than 10%	300'
Less Than 15%	415'
Less Than 20%	100'
Less Than 30%	50'
Greater Than 30%	25'



PROFILE

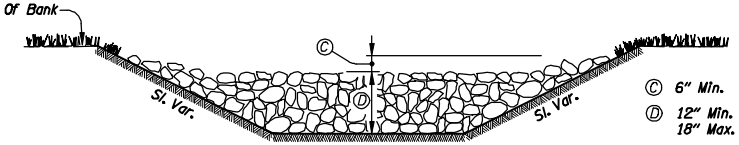
FIELD FABRICATED SILT FENCE

(Supported And Unsupported)

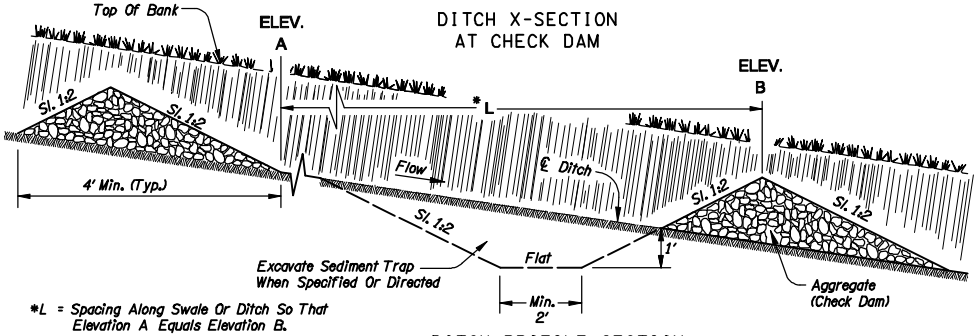


NOTES:
1. Length:
   50' Min. - For Less Than 1 ac. Exposed Soil
   100' Min. - For Greater Than 1 ac. Exposed Soil
2. Width:
   20' Min. - Full Width Of Ingress/Egress Minimum
3. Depth:
   8" Min.

AGGREGATE CONSTRUCTION ENTRANCE



DITCH X-SECTION AT CHECK DAM



*L = Spacing Along Swale Or Ditch So That Elevation A Equals Elevation B.

DITCH PROFILE SECTION

CHECK DAM

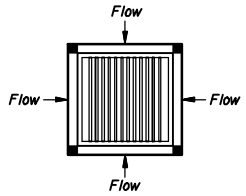
TYPE 1

Obtain Patterns From ODOT.CEL Cell Library Or From The Erosion Control Cache (See Page 7-1, Volume 2)

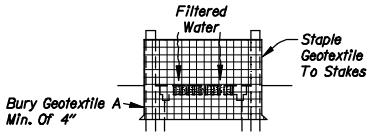
CHECK DAM
Approximate Spacing

Ditch Grade	D = Dimension 12"	18"
6%	16' O.C.	25' O.C.
5%	20'	30'
4%	25'	40'
3%	33'	50'
2%	50'	80'

NOTE:
When Bid Item Is "Check Dam-Per Each" The Following Materials May Be Used, As Appropriate To Provide The Functional Requirements Of The Control.
1. Aggregate (As Shown)
2. Straw Bales With Aggregate Wier
3. Bio-Filter Bags
4. Sand Bags
5. "Triangular Silt Dike" (Manufacturer Trade Name)

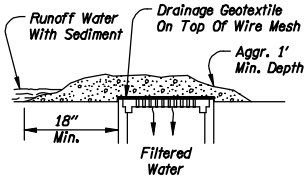


PLAN

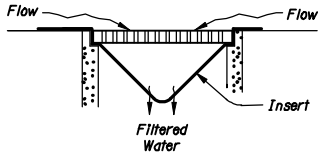


DROP INLET WITH GATE
FRONT VIEW

TYPE 1 INLET



TYPE 2 INLET



CATCH BASIN INSERT

REGISTERED PROFESSIONAL ENGINEER XXXX
OREGON JULY 15, 1994 JOEL B. SINAR
Expires Dec. 31, 2006

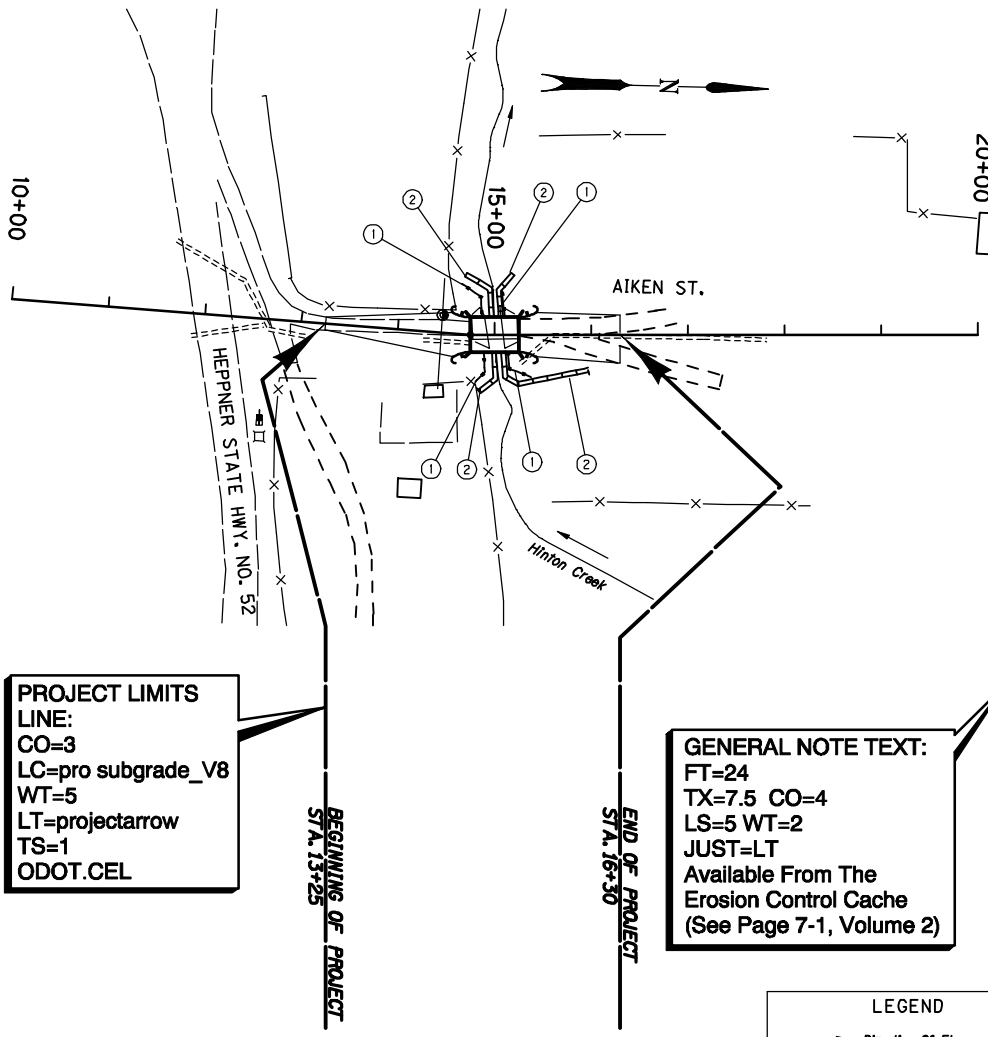
OREGON DEPARTMENT OF TRANSPORTATION
GEO/HYDRO SECTION

TYPE 3 INLET

INLET PROTECTION

EROSION CONTROL DETAILS

SHEET NO.



PROJECT LIMITS LINE:
CO=3
LC=pro subgrade_V8
WT=5
LT=projectarrow
TS=1
ODOT.CEL

NOTE BUBBLE TEXT:
FT=2
TX=7.8 CO=3
JUST=CC WT=1
Available From The
ODOT Menu/FDPlans/Notes

CONSTRUCTION NOTE TEXT:
FT=24
TX=7.5 CO=4
LS=5 WT=2
JUST=LT
Available From The
ODOT Menu/FDPlans/Notes

GENERAL NOTE TEXT:
FT=24
TX=7.5 CO=4
LS=5 WT=2
JUST=LT
Available From The
Erosion Control Cache
(See Page 7-1, Volume 2)

1 Const. Supported Silt Fence (For Details, See Sht. GHx-x)

2 Const. Straw Bale Sediment Barrier (For Details, See Sht. GHx)

GENERAL NOTES:

The Implementation Of These Erosion Control Plans And The Construction, Maintenance, Replacement And Upgrading Of These Facilities Are The Responsibility Of The Contractor Until All Construction Is Completed And Approved.

Develop A Revised Plan Of The Erosion Control Facilities Shown In Accordance With The Requirements Of Sec.00280, Supplemental Standard Specifications. This Plan Must Be Constructed In Conjunction With All Clearing And Grading Activities. Construct In Such A Manner As To Insure That Sediment And Sediment-Laden Water Does Not Enter The Drainage System, Roadway, Or Violate Applicable Water Standards. Construct Controls In Segments Applicable To Each Staging Phase.

The Erosion Control Facilities Shown On This Plan Are The Minimum Requirements For Anticipated Site Conditions. During The Construction Period, These Facilities Shall Be Upgraded For Unexpected Storm Events And To Insure That Sediment And Sediment-Laden Water Do Not Leave The Site.

Stabilized Construction Entrances Shall Be Installed At The Beginning Of Construction And Maintained For The Duration Of The Project. Additional Measures May Be Required To Insure That All Paved Areas Are Kept Clean For The Duration Of The Project.

(GENERAL NOTES CONT'D)
Install Supported Silt Fence With A Backing Of Straw Bale Sediment Barrier Where Shown On The Plans. (For Details, See Sht. XX)

Construct Silt Fence At The Toe Of Fill Slopes In Areas Where Sediment-Laden Water Has A Potential Of Entering Waterways Or Leaving The R/W.

LEGEND
- Direction Of Flow
- Supported Silt Fence
- Straw Bale Sediment Barrier

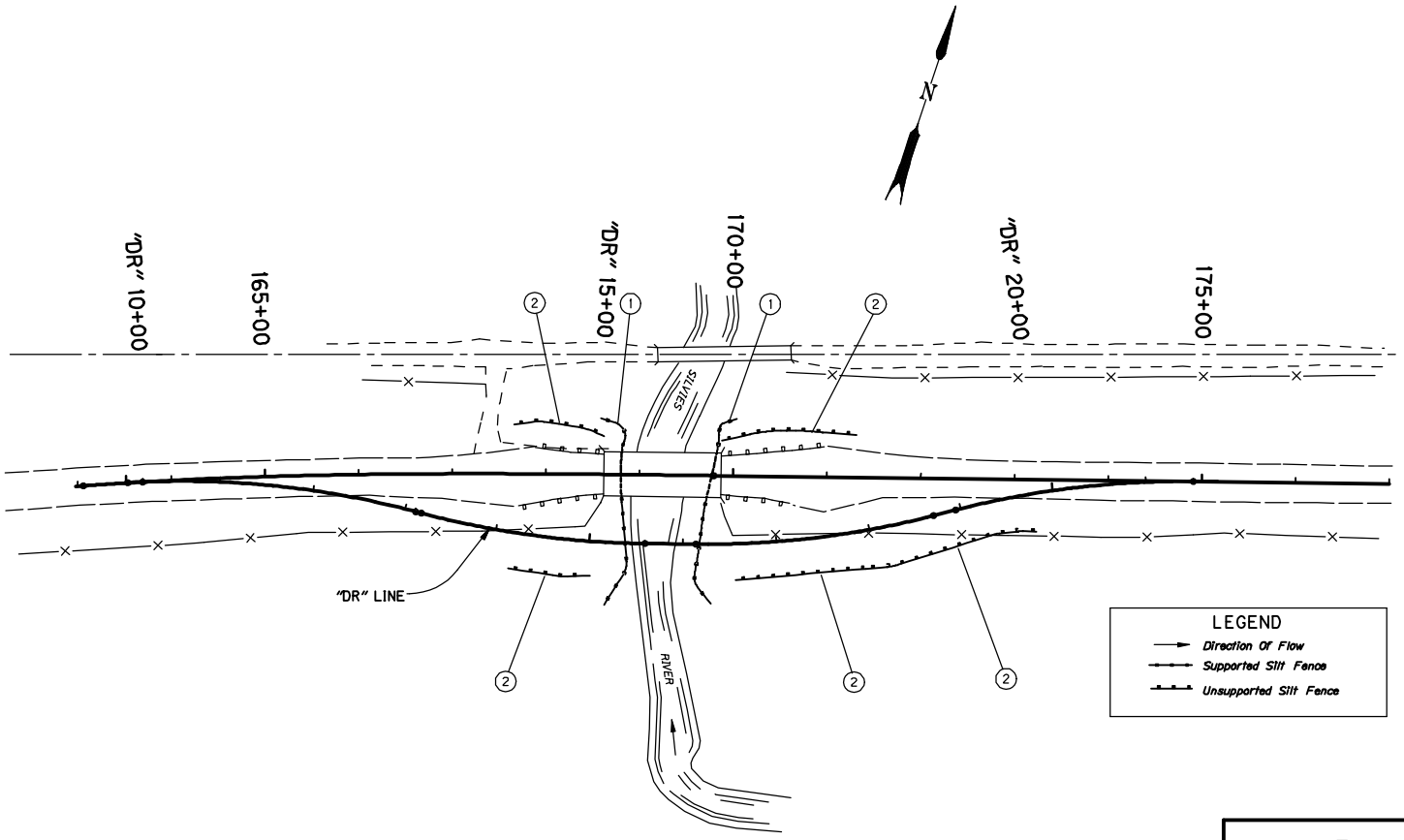
REGISTERED PROFESSIONAL ENGINEER XXXX
OREGON JULY 15, 1994 JOEL B. SINAR Expires Dec. 31, 2006

OREGON DEPARTMENT OF TRANSPORTATION
GEO/HYDRO SECTION

EROSION CONTROL PLAN

SHEET NO.

BRIDGE DETAILS CHECKED



(1) Const. Supported Silt Fence
Const. In Sections Appropriate For Protecting The Stream During Each Staging Phase
(For Details, See Sht. GHx-x)

(2) Const. Unsupported Silt Fence
(For Details, See Sht. GHx-x)

GENERAL NOTES:

The Implementation Of These Erosion Control Plans And The Construction, Maintenance, Replacement And Upgrading Of These Facilities Are The Responsibility Of The Contractor Until All Construction Is Completed And Approved.

Develop A Revised Plan Of The Erosion Control Facilities Shown In Accordance With The Requirements Of Sec.00280, Supplemental Standard Specifications. This Plan Must Be Constructed In Conjunction With All Clearing And Grading Activities. Construct In Such A Manner As To Insure That Sediment And Sediment-Laden Water Does Not Enter The Drainage System, Roadway, Or Violate Applicable Water Standards. Construct Controls In Segments Applicable To Each Staging Phase.

The Erosion Control Facilities Shown On This Plan Are The Minimum Requirements For Anticipated Site Conditions. During The Construction Period, These Facilities Shall Be Upgraded For Unexpected Storm Events And To Insure That Sediment And Sediment-Laden Water Do Not Leave The Site.

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Install Supported Silt Fence With A Backing Of Straw Bale Sediment Barrier Where Shown On The Plans. (For Details, See Sht. XX)

Construct Silt Fence At The Toe Of Fill Slopes In Areas Where Sediment-Laden Water Has A Potential Of Entering Waterways Or Leaving The R/W.

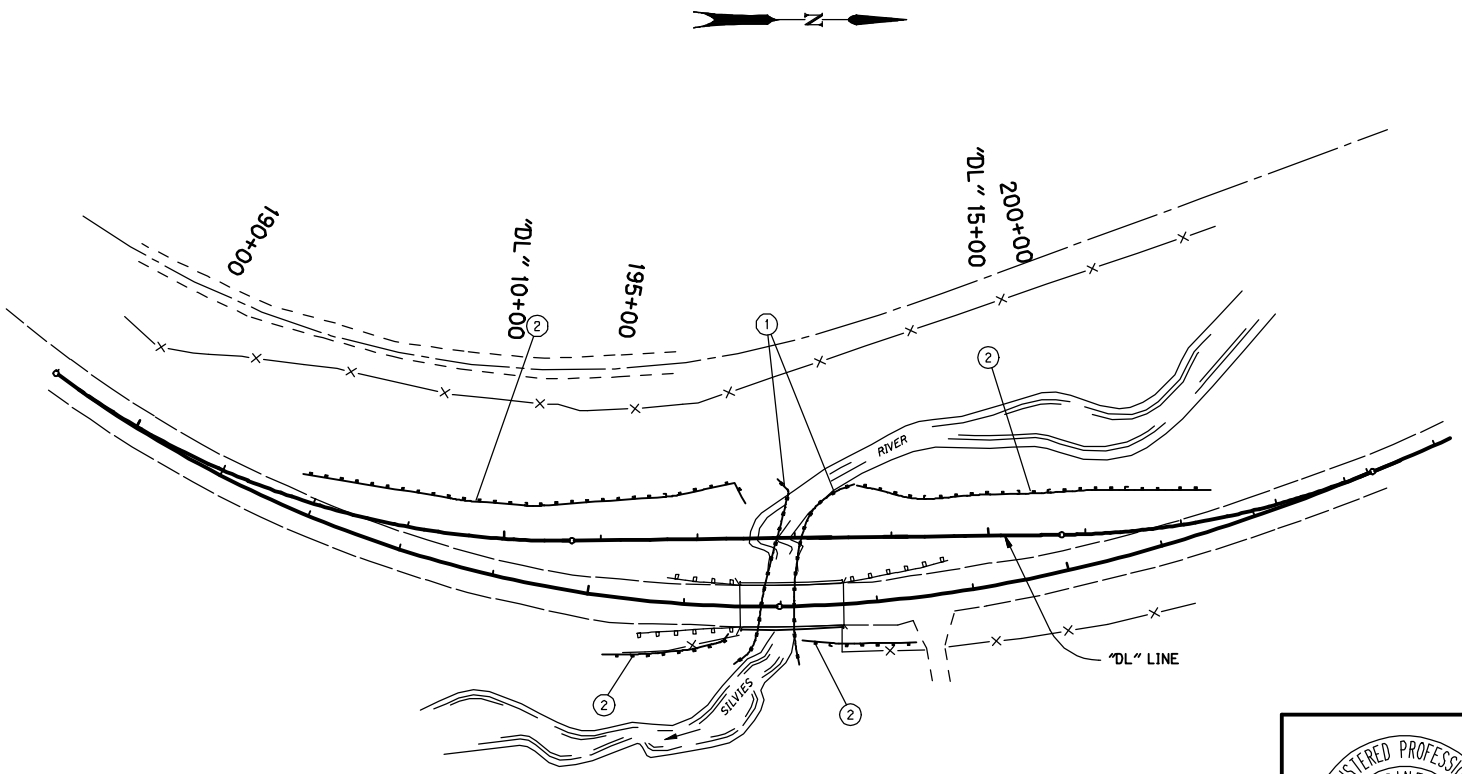
Aggregate Construction Entrances May Be Required In The General Permit. Show Them On The Erosion Control Plan When Necessary.

REGISTERED PROFESSIONAL ENGINEER
XXXX
OREGON
JULY 15, 1994
JOEL B. SINAR
Expires Dec. 31, 2006

OREGON DEPARTMENT OF TRANSPORTATION
GEO/HYDRO SECTION

EROSION CONTROL PLAN

SHEET NO.



LEGEND

- Direction Of Flow
- Supported Silt Fence
- Unsupported Silt Fence

(1) Const. Supported Silt Fence
Const. In Sections Appropriate For Protecting The Stream During Each Staging Phase
(For Details, See Sht. 2F-2)

(2) Const. Unsupported Silt Fence
(For Details, See Sht. 2F-2)

GENERAL NOTES:

The Implementation Of These Erosion Control Plans And The Construction, Maintenance, Replacement And Upgrading Of These Facilities Are The Responsibility Of The Contractor Until All Construction Is Completed And Approved.

Develop A Revised Plan Of The Erosion Control Facilities Shown In Accordance With The Requirements Of Sec.00280, Supplemental Standard Specifications. This Plan Must Be Constructed In Conjunction With All Clearing And Grading Activities. Construct In Such A Manner As To Insure That Sediment And Sediment-Laden Water Does Not Enter The Drainage System, Roadway, Or Violate Applicable Water Standards. Construct Controls In Segments Applicable To Each Staging Phase.

The Erosion Control Facilities Shown On This Plan Are The Minimum Requirements For Anticipated Site Conditions. During The Construction Period, These Facilities Shall Be Upgraded For Unexpected Storm Events And To Insure That Sediment And Sediment-Laden Water Do Not Leave The Site.

Stabilized Construction Entrances Shall Be Installed At The Beginning Of Construction And Maintained For The Duration Of The Project. Additional Measures May Be Required To Insure That All Paved Areas Are Kept Clean For The Duration Of The Project.

Install Supported Silt Fence With A Backing Of Straw Bale Sediment Barrier Where Shown On The Plans. (For Details, See Sht. XX)

Construct Silt Fence At The Toe Of Fill Slopes In Areas Where Sediment-Laden Water Has A Potential Of Entering Waterways Or Leaving The R/W.

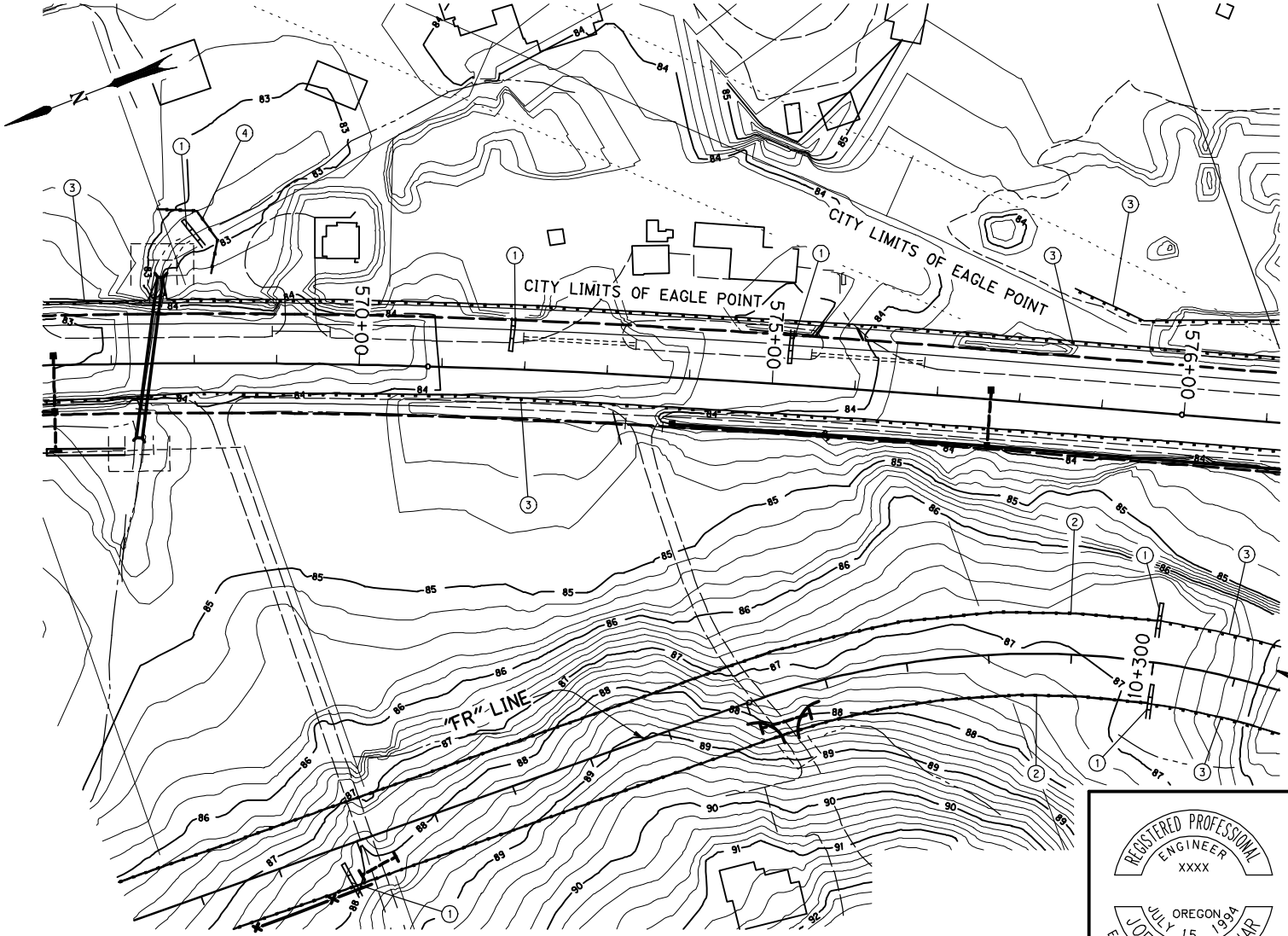
REGISTERED PROFESSIONAL ENGINEER
XXXX
OREGON
JULY 15, 1994
JOEL B. SINAR
Expires Dec. 31, 2006

OREGON DEPARTMENT OF TRANSPORTATION
GEO/HYDRO SECTION

EROSION CONTROL PLAN

SHEET NO.

BRIDGE DETAILS CHECKED _____



1. Const. Straw Bale Sediment Barrier
2. From Sta. "FR" 105+00 To Sta. "FR" 125+00 Use Supported Silt Fence
3. Const. Unsupported Silt Fence
4. Const. Supported Silt Fence

LEGEND

- Supported Silt Fence
- Unsupported Silt Fence
- Straw Bale Sediment Barrier

Erosion Control Plan Shown With Contours (Optional)

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EROSION CONTROL PLAN

SHEET NO.

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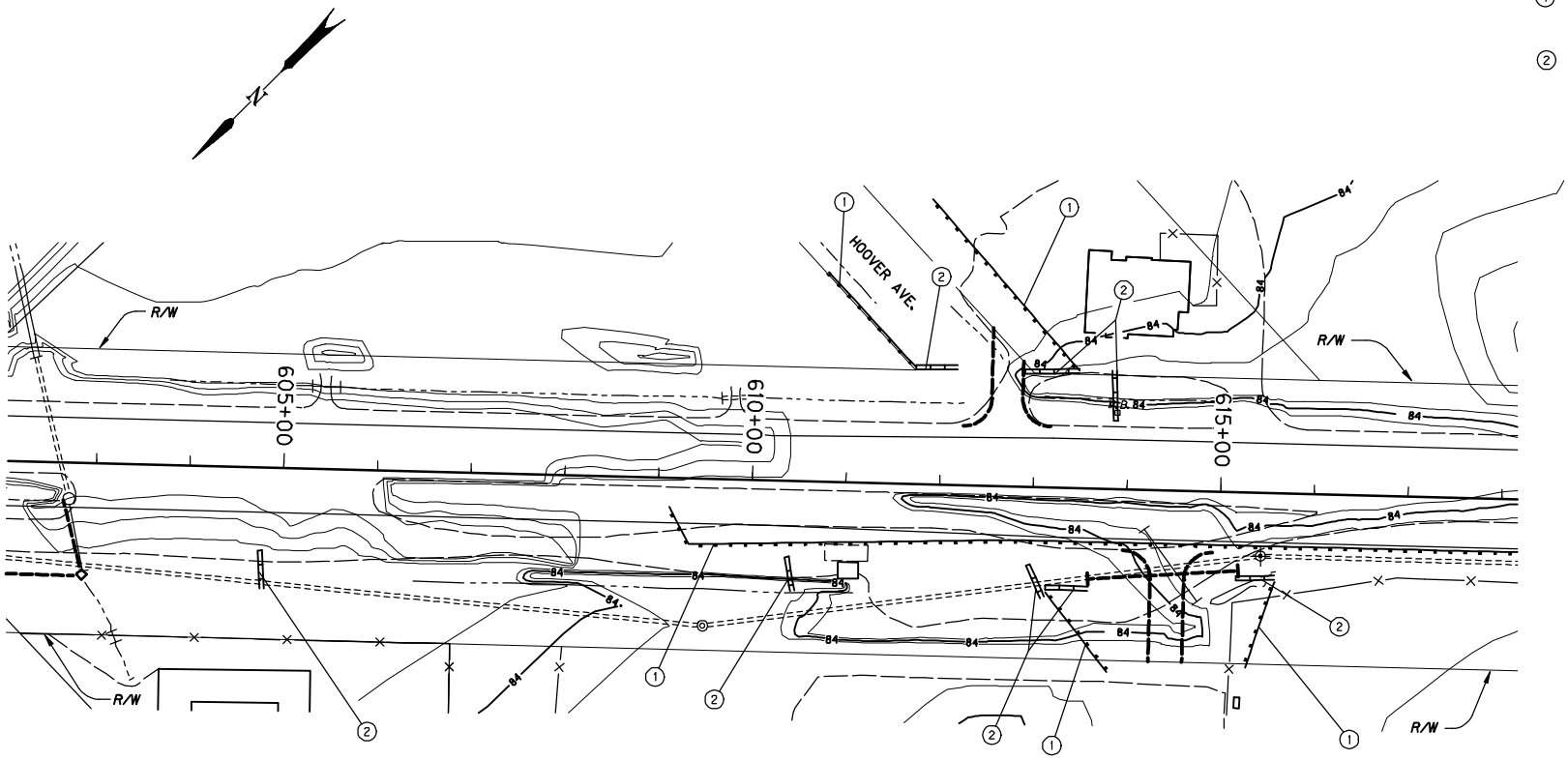

1 Const. Unsupported Silt Fence

2 Const. Straw Bale Sediment Barrier

LEGEND

Unsupported Silt Fence

Straw Bale Sediment Barrier

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