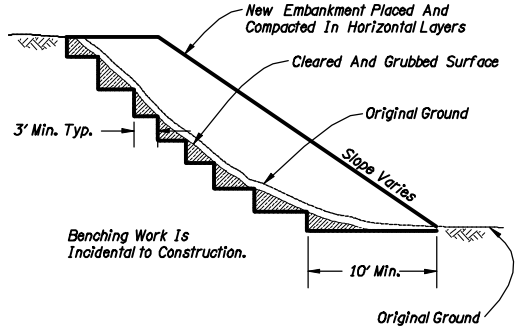


"Preliminary Copy" Block
(AC=PRELIM) Stored
In The Reference File
KEYNUF.NAM

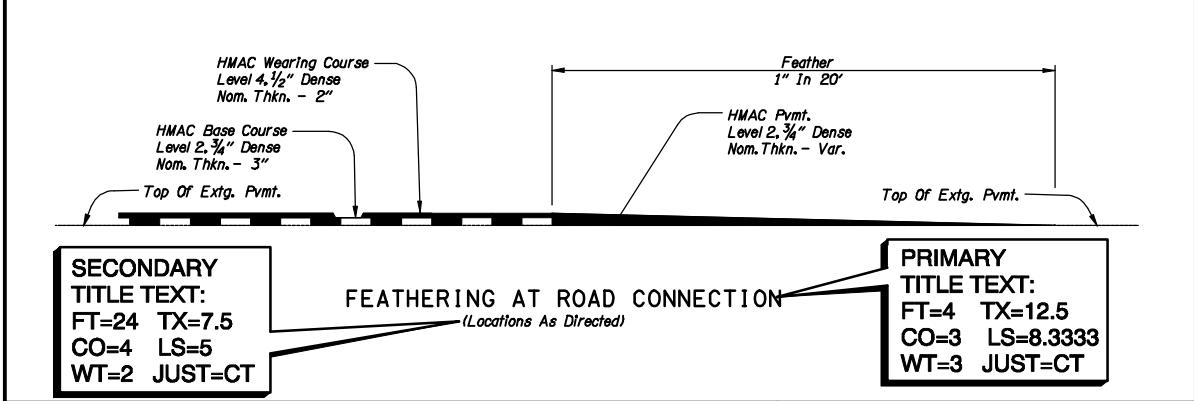
PRELIMINARY COPY
INFORMATION ONLY

LINework SEPARATING
DIFFERENT DETAILS:
CO=3 WT=5

FEATHERING AT STRUCTURES



STANDARD EMBANKMENT CONSTRUCTION

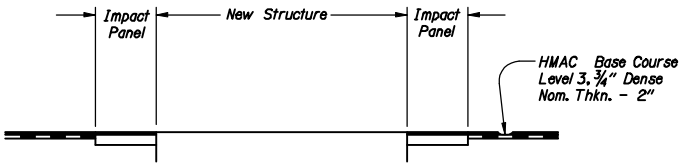


SECONDARY
TITLE TEXT:
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CO=4 LS=5
WT=2 JUST=CT

FEATHERING AT ROAD CONNECTION
(Locations As Directed)

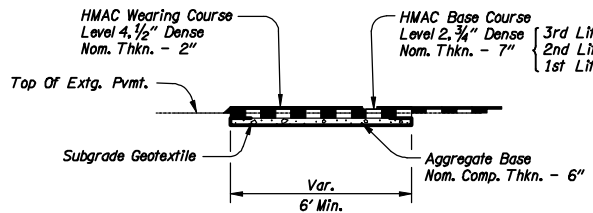
PRIMARY
TITLE TEXT:
FT=4 TX=12.5
CO=3 LS=8.3333
WT=3 JUST=CT

Place All Elements
On Level name
P_RDWY_PLAN_Detail



PAVING AT STRUCTURE
(MIDDLE FORK)

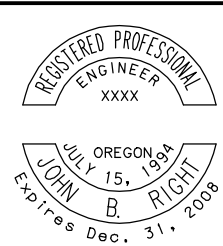
Plan Sheet Border
From ODOT.cel



SUBGRADE STABILIZATION
(Locations As Directed)

Project Title Resides
In The Reference
File KEYNUF.NAM

SHEET NUMBER:
FT=2 TX=2.65
CO=4 JUST=CC
WT=3
To Reside In
The Active File



OREGON DEPARTMENT OF TRANSPORTATION
ROADWAY ENGINEERING SECTION

DETAILS




SHEET NO.

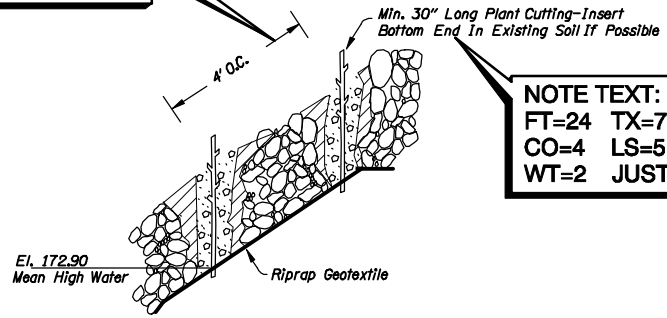
1-6

BRIDGE DETAILS CHECKED

Detail Sheets That Contain Bridge Items Need The Structural Designer's Initials On Every Sheet Dealing With Structures. (Available From The ROAD.CEL, AC=ESDC) Must Be Wet Signed

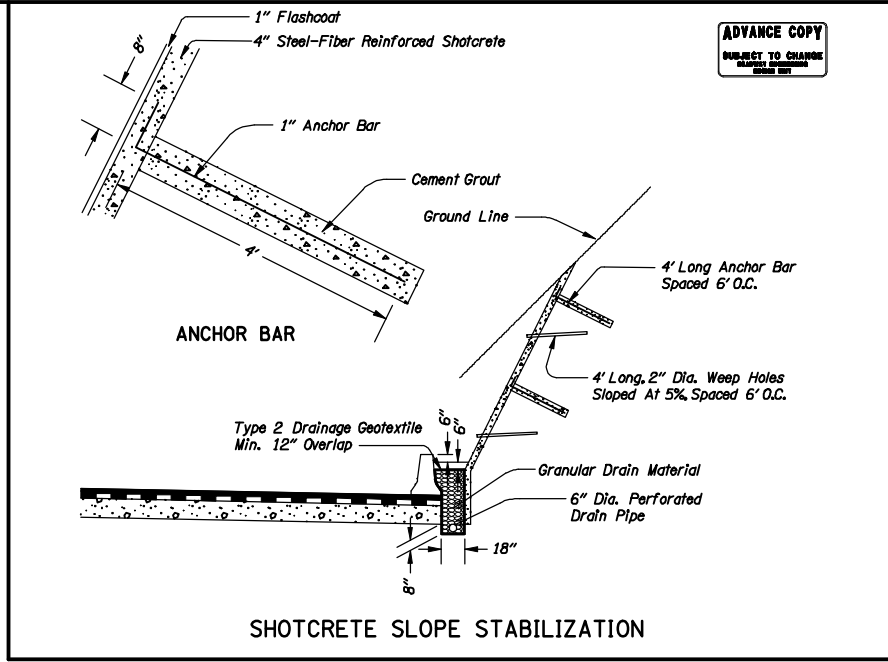
DIMENSION LINE:
CO=3 LC=0
WT=1
LT=dimarrow
TS=1

-  Loose Riprap (Class 100)
-  Pack Wet Peat Moss In Riprap Voids To Contain Backfill Mix
-  Backfill Mix-33% Soil Conditioner & 67% Native Topsoil



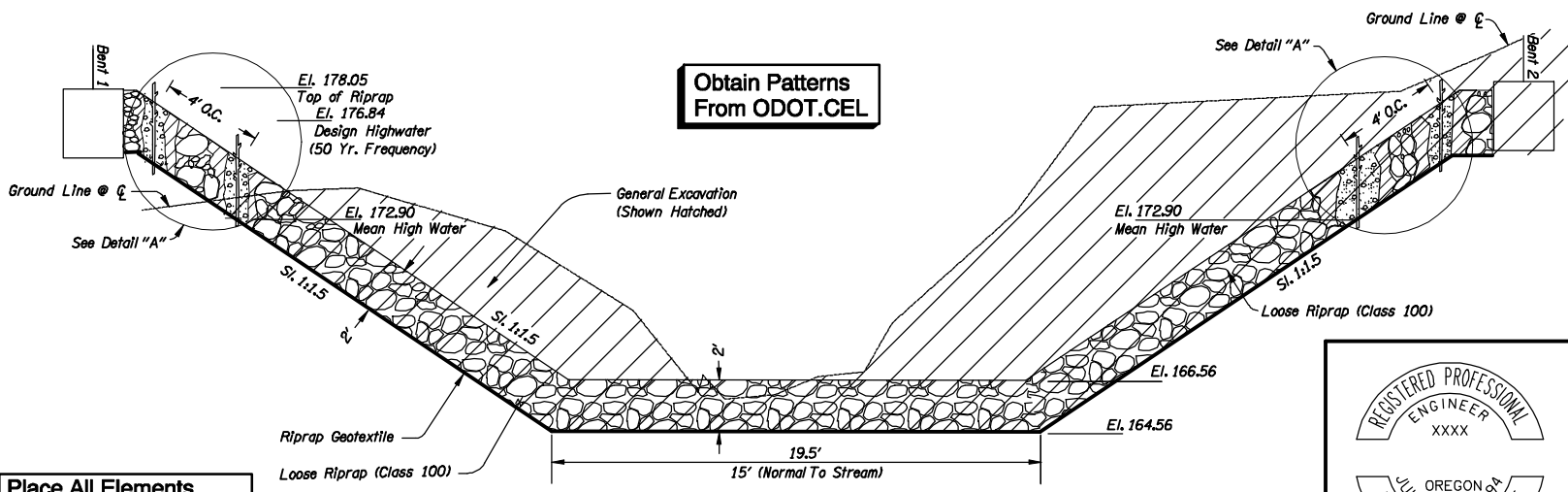
NOTE TEXT:
FT=24 TX=7.5
CO=4 LS=5
WT=2 JUST=LT

DETAIL "A"



ADVANCE COPY
SUBJECT TO CHANGE
WITHOUT NOTICE
DATE: 08/01/08

Obtain Patterns From ODOT.CEL



Place All Elements On Level name P_RDWY_PLAN_Detail

REGISTERED PROFESSIONAL ENGINEER XXXX

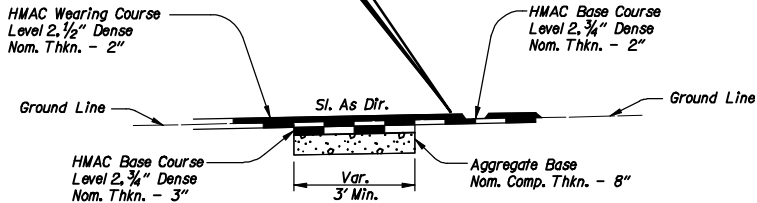
OREGON JOHN B. RIGHT JULY 15, 1964 Expires Dec. 31, 2008

OREGON DEPARTMENT OF TRANSPORTATION
ROADWAY ENGINEERING SECTION

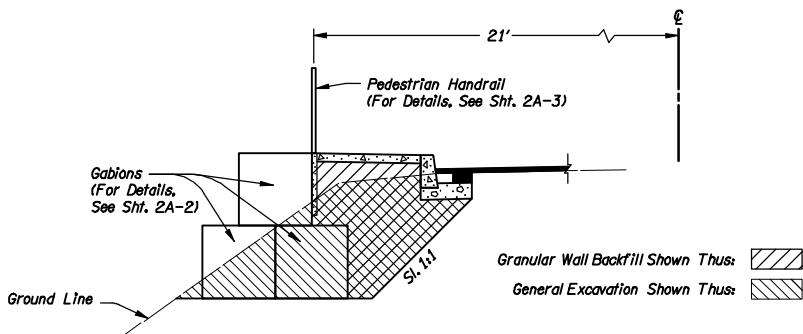
DETAILS

SHEET NO.

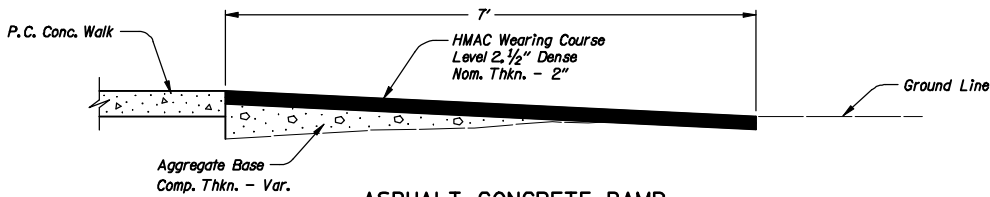
Obtain AC Paving Patterns From The Cache Or ODOT.cel



SUBGRADE STABILIZATION
(As Directed)



GABION WALL
(For Location, See Sht. 6A, Note 9)

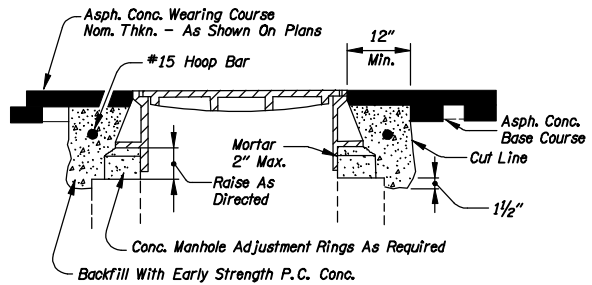


ASPHALT CONCRETE RAMP
(For Locations, See Sht. 3B, Note 7 & Sht. 6A, Note 6)

Place All Elements On Level name P_RDWY_PLAN_Detail

28V-72

"V NUMBER":
Stored In The Reference File
KEYNUF.NAM
FT=2 TX=12.5
CO=3 JUST=CT
WT=3



- NOTES:
1. Cover Manhole With Building Paper And Const. Asphalt Conc. Base Course.
 2. Cut Square Or Circular Excavation Around Manhole 12" Min. From M. H. Frame.
 3. Raise Manhole Frame And Cover To Finish Grade By Installing Conc. Rings And Leveling Mortar.
 4. Backfill With Early Strength P.C. Conc.
 5. Const. Asphalt Conc. Wearing Course.

MANHOLE ADJUSTMENT SEQUENCE



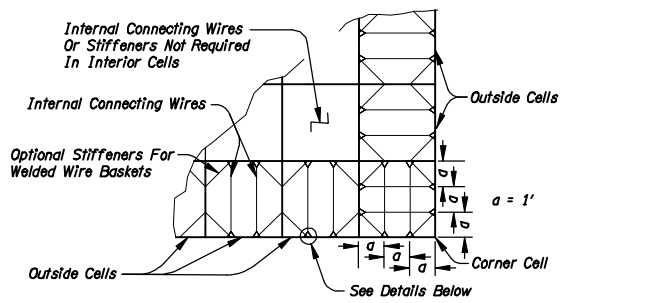
OREGON DEPARTMENT OF TRANSPORTATION
ROADWAY ENGINEERING SECTION

DETAILS

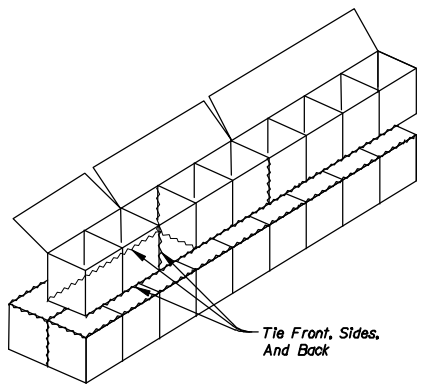
SHEET NO.

BRIDGE DETAILS CHECKED

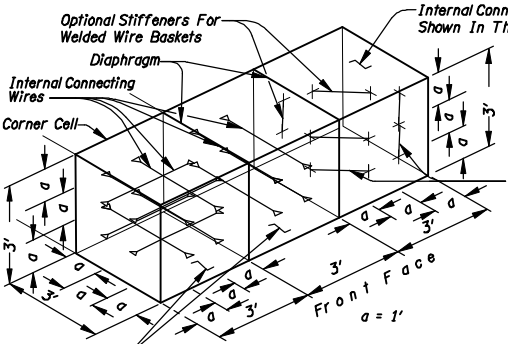
5-9



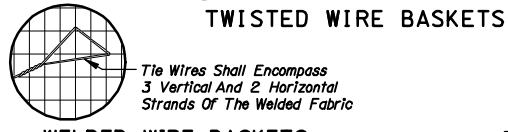
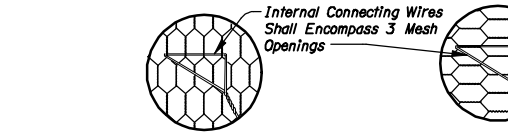
TYPICAL PLAN FOR INTERNAL CONNECTING WIRES



TYING GABION BASKETS TOGETHER

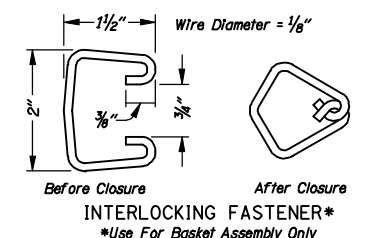
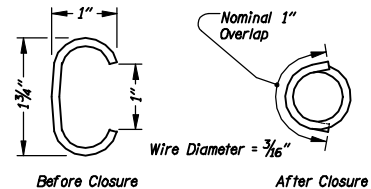


Two Rows Of Stiffeners (4 per Cell) Are Required On Front Face. A Single Row (Mid Level) Is Required On Back Face (2 per cell)

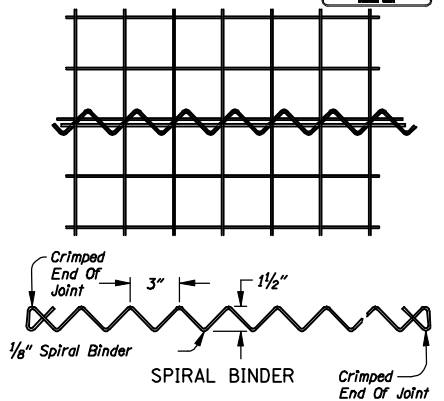


OPTIONAL STIFFENER CONNECTION FOR WELDED WIRE GABION BASKETS

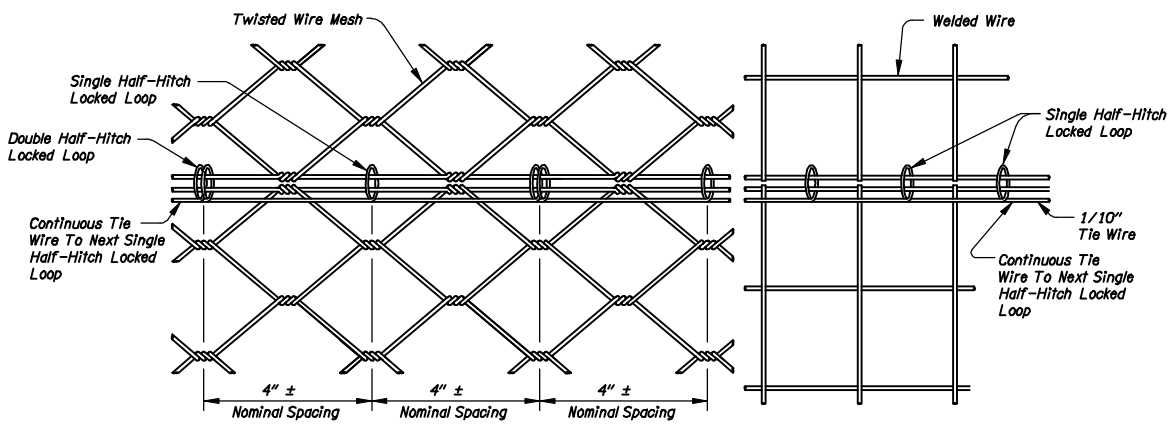
Note: All One Detail, No Separating Linework



ALTERNATE GABION JOINT FASTENERS (Fastener Dimensions Nominal)



PRELIMINARY COPY
INFORMATION ONLY
DO NOT SCALE



STANDARD 2.18 mm TIE WIRE

Place All Elements On Level name P_RDWY_PLAN_Detail

REGISTERED PROFESSIONAL ENGINEER XXXX

OREGON JULY 15, 1994

JOHN B. RIGHT Expires Dec. 31, 2008

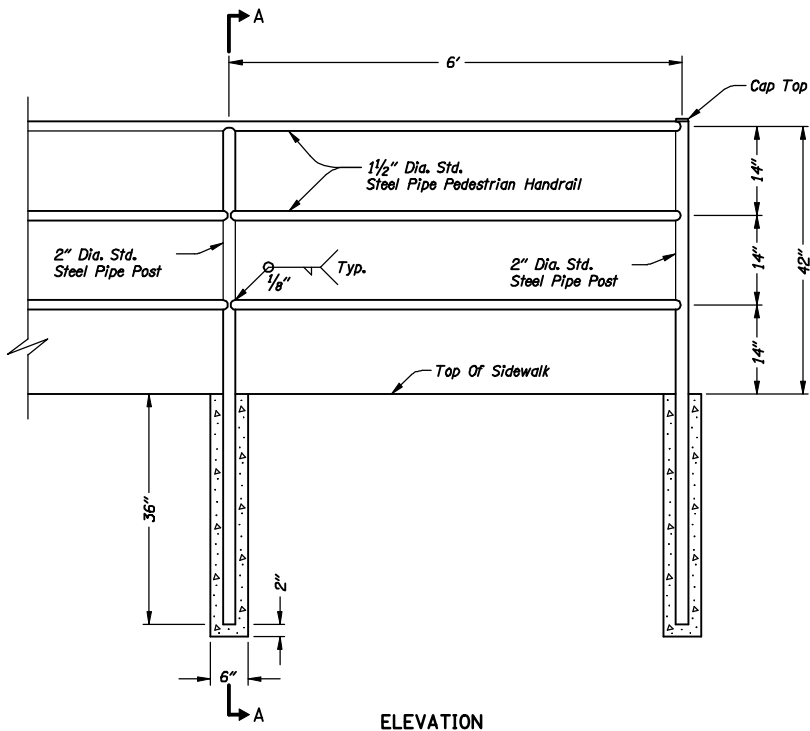
OREGON DEPARTMENT OF TRANSPORTATION ROADWAY ENGINEERING SECTION

DETAILS 6

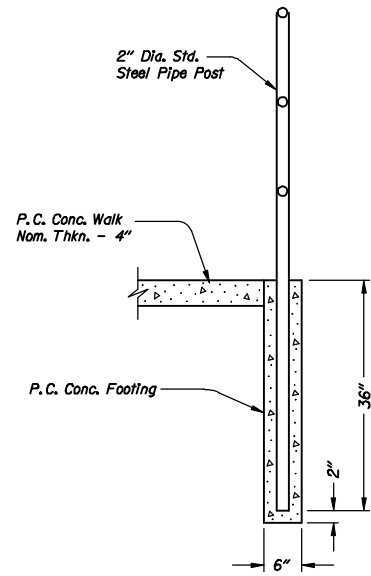
SHEET NO.

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SUBJECT TO CHANGE
WITHOUT NOTICE

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



ELEVATION



SECTION A-A

PEDESTRIAN HANDRAIL

GENERAL NOTES:

1. All Material And Workmanship Shall Conform To The Standard Specifications For Highway Construction Of The Oregon D.O.T.
2. All Structural Steel Shall Be Hot-Dip Galvanized After Fabrication (ASTM A123).
3. Posts Shall Be Installed Vertically And Rails Shall Follow The Horizontal Alignment Of The Pedestrian Handrail Curb Normal To The Posts.
4. All Pipes Shall Conform To Either A120 Or ASTM A53.

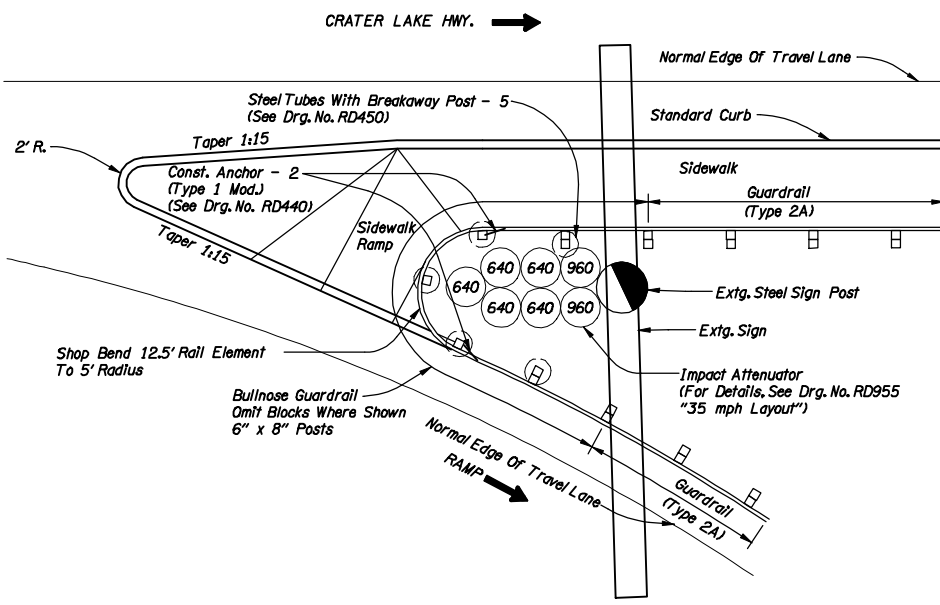
BRIDGE DETAILS CHECKED

5-9

Place All Elements
On Level name
P_RDWY_PLAN_Detail

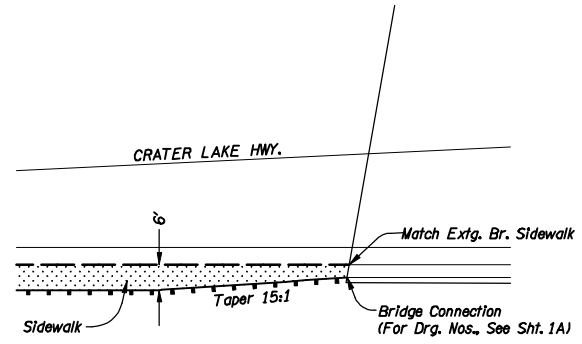


OREGON DEPARTMENT OF TRANSPORTATION ROADWAY ENGINEERING SECTION	
[Blank space]	
DETAILS	
SHEET NO.	

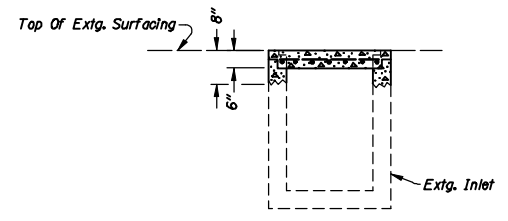


SIDWALK AND
BULLNOSE GUARDRAIL INSTALLATION
(For Location, See Sht. 4E)

Place All Elements
On Level name
P_RDWY_PLAN_Detail



(For Details Not Shown, See Drg. No. RD440)
SIDWALK TAPER AT BRIDGE ENDS
(For Location, See Shts. 4A & 4E)



SECTION A-A
INLET CAP
(For Details Not Shown, See Drg. No. RD376)
(For Location, See Sht. 4E)

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ENGINEER
XXXX

OREGON
JULY 15, 1994
JOHN B. RIGHT
Expires Dec. 31, 2008

OREGON DEPARTMENT OF TRANSPORTATION
ROADWAY ENGINEERING SECTION

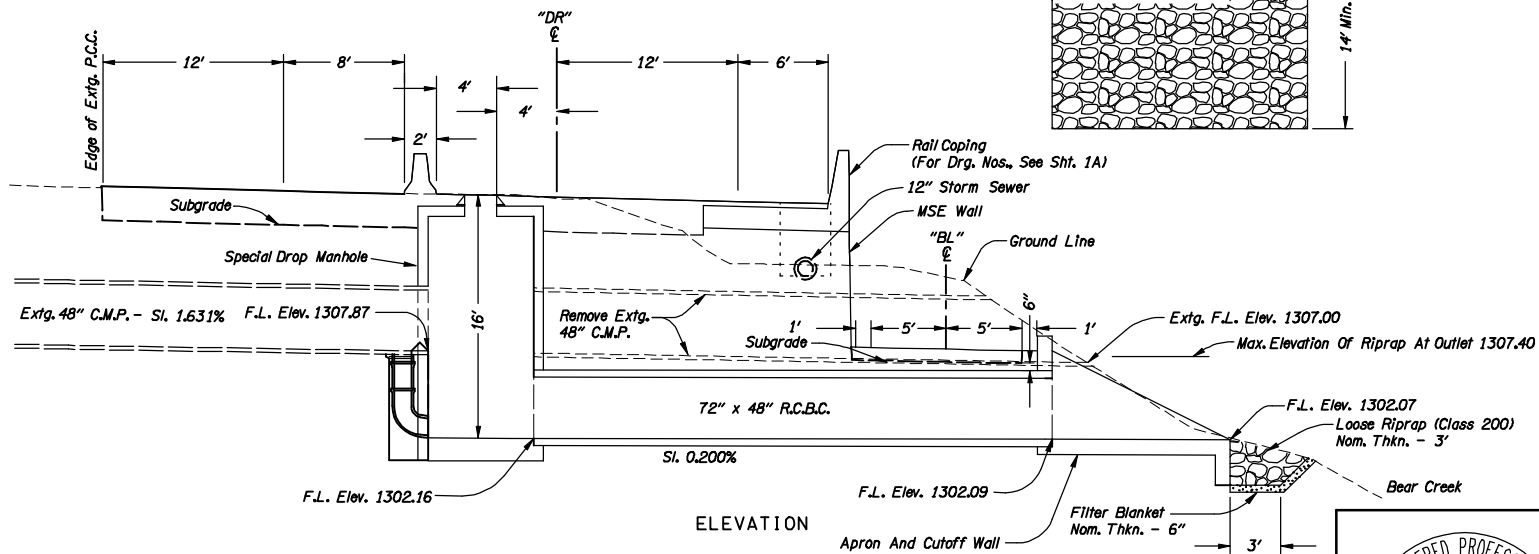
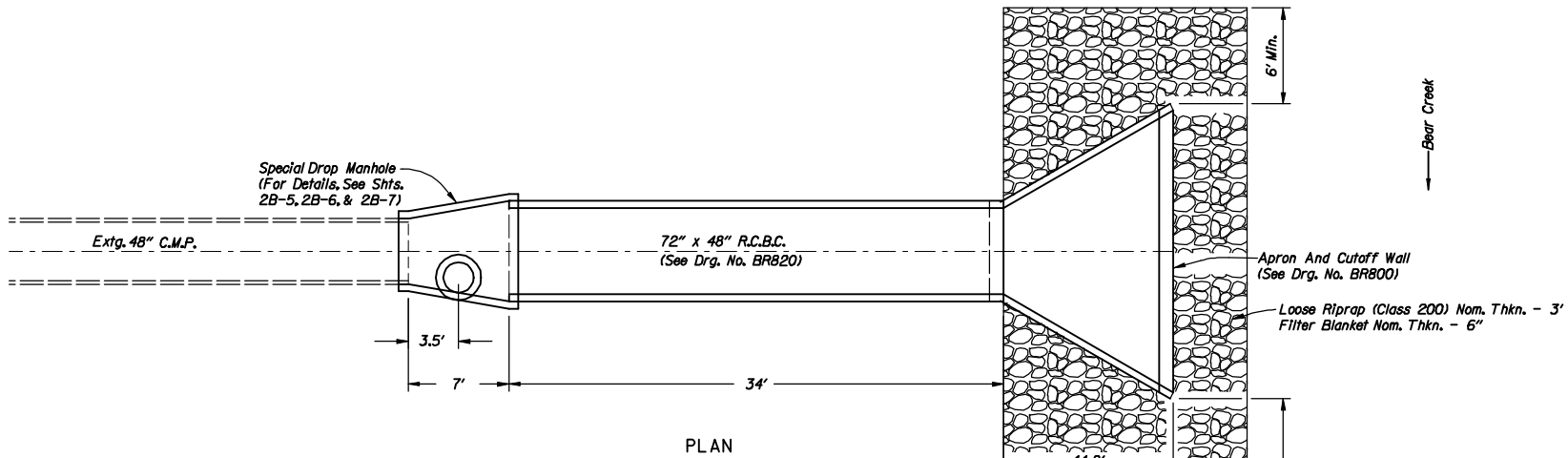
DETAILS

SHEET NO.

BRIDGE DETAILS CHECKED

9-9

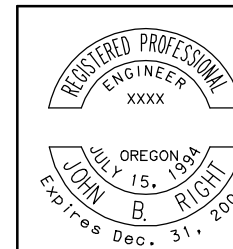
PRELIMINARY COPY
 INFORMATION ONLY
 REVISIONS
 SHEET NO.



EXISTING 48" PIPE MODIFICATION

(For Location, See Sht. 5)

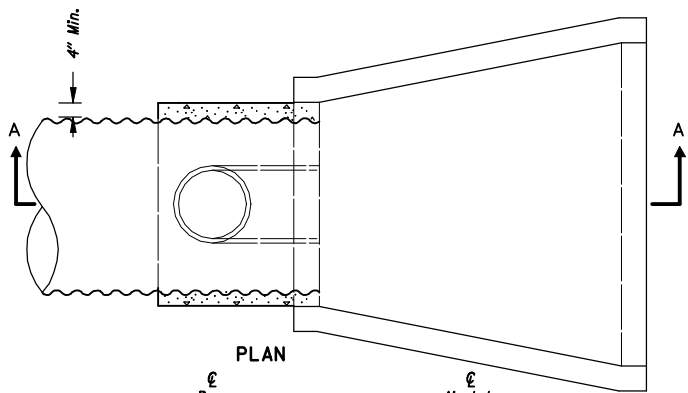
Place All Elements
 On Level name
 P_RDWY_PLAN_Detail



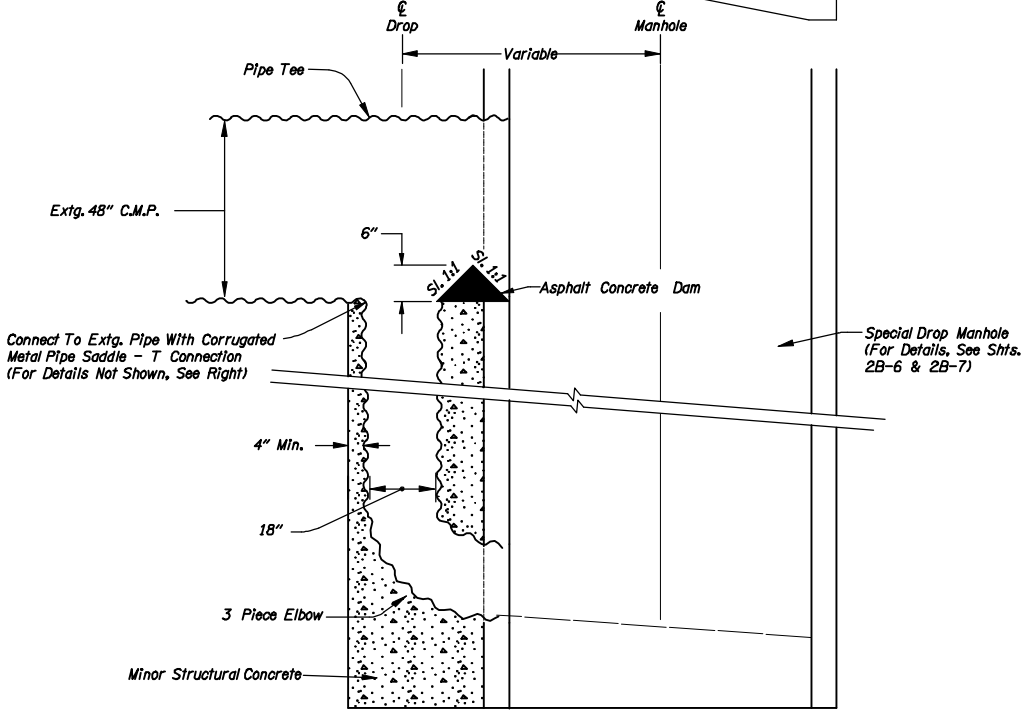
OREGON DEPARTMENT OF TRANSPORTATION
 ROADWAY ENGINEERING SECTION

DETAILS

SHEET NO.



PLAN

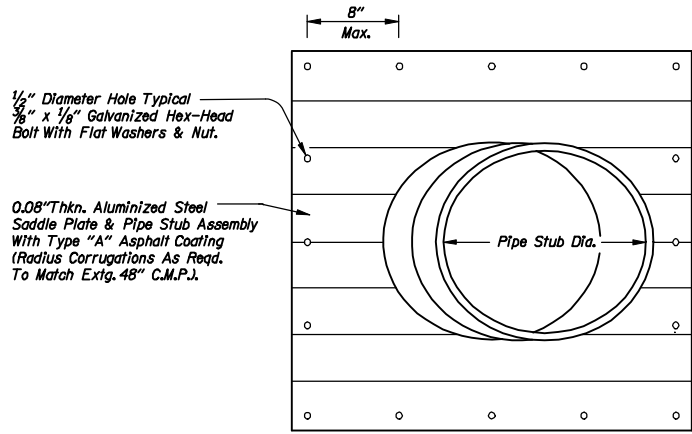


SECTION A-A

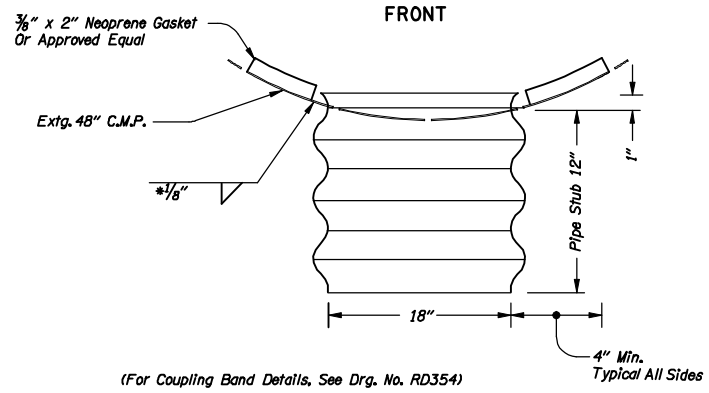
Place All Elements
On Level name
P_RDWY_PLAN_Detail

DROP MANHOLE
(For Details, See Shts. 2B-6 & 2B-7)
(For Location, See Sht. 5)

ADVANCE COPY
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WITHOUT NOTICE



SIDE



FRONT

**CORRUGATED METAL PIPE SADDLE - T CONNECTION
TO EXISTING CORRUGATED METAL PIPE**

REGISTERED PROFESSIONAL
ENGINEER
XXXX

OREGON
JULY 15, 1994
JOHN B. RIGHT
Expires Dec. 31, 2008

OREGON DEPARTMENT OF TRANSPORTATION
ROADWAY ENGINEERING SECTION

DETAILS

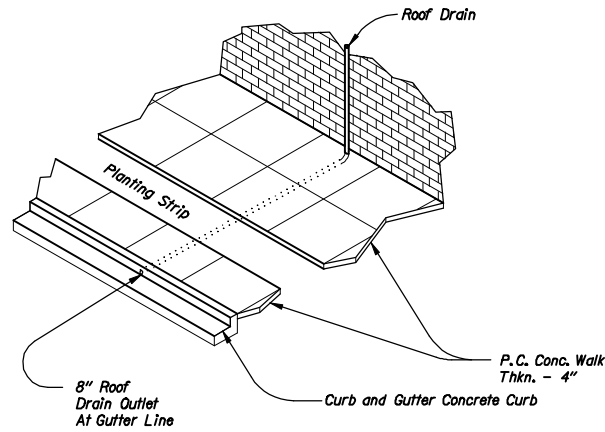
SHEET NO.

BRIDGE DETAILS CHECKED

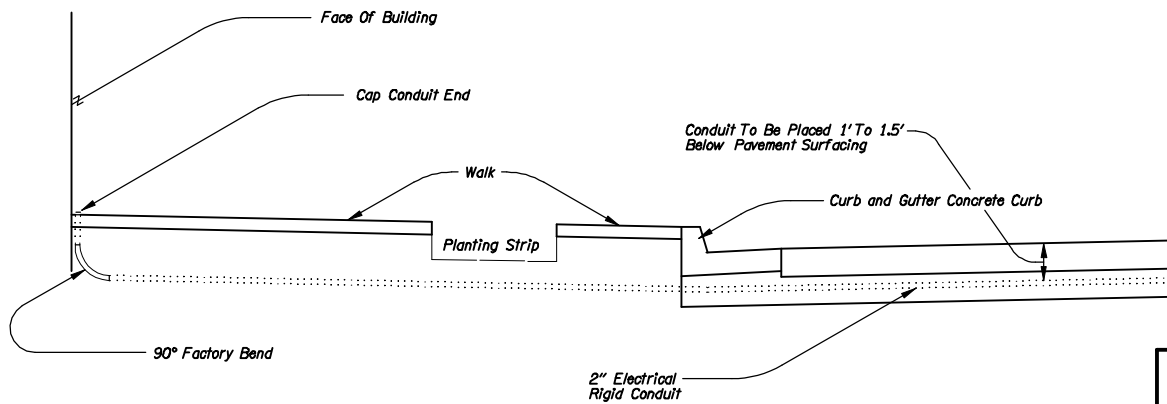
B-9

ROOF DRAIN LOCATIONS

- Sta. 60+35.9, Rt.
- 60+50.0, Rt.
- 63+41.7, Rt.
- 65+74.0, Rt.
- 67+74.7, Lt.
- 67+77.4, Rt.
- 68+24.6, Rt.
- 68+65.0, Rt.
- 69+33.5, Rt.
- 69+99.1, Lt.
- 70+01.1, Rt.
- 70+06.4, Rt.
- 71+57.0, Rt.
- 72+01.9, Rt.



ROOF DRAINS

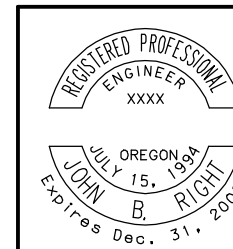


HALF SECTION

COMMUNICATION CONDUIT PLACEMENT DETAIL

(For Location, See Sht. 5A)

Place All Elements
On Level name
P_RDWY_PLAN_Detail



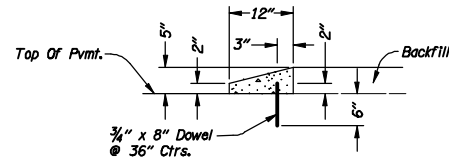
OREGON DEPARTMENT OF TRANSPORTATION
ROADWAY ENGINEERING SECTION

DETAILS

SHEET NO.

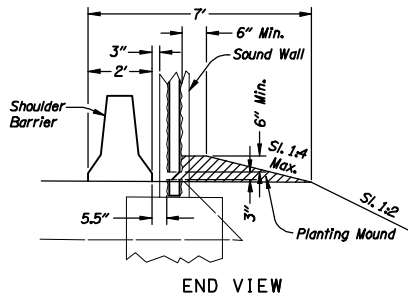
6-9

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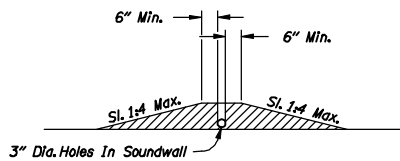


LOW PROFILE MOUNTABLE CURB

(For Details Not Shown, See Drg. No. RD700)

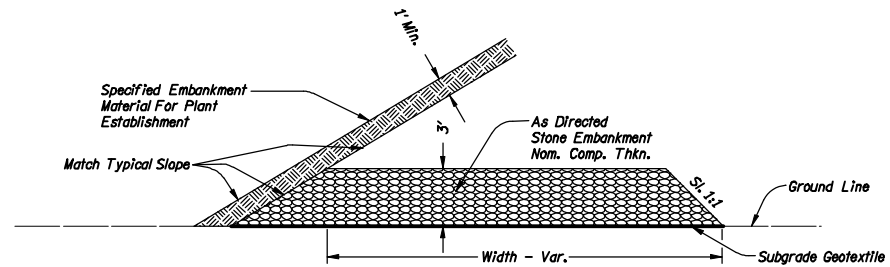


END VIEW

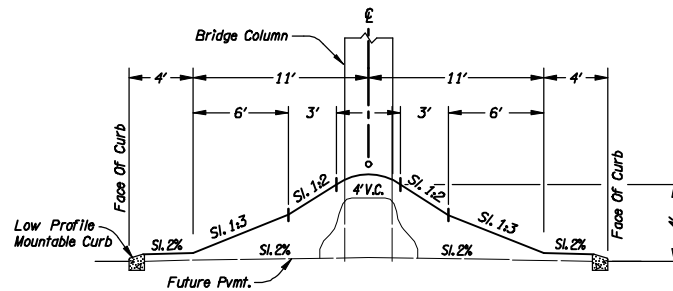


SIDE VIEW

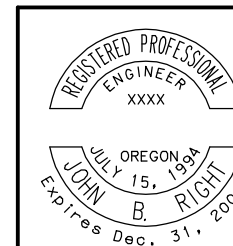
PLANTING MOUND AT SOUNDWALL



STONE EMBANKMENT STABILIZATION



MEDIAN EARTH MOUND AT BRIDGE COLUMN
 STA. XX+XX To STA. XX+XX



OREGON DEPARTMENT OF TRANSPORTATION
 ROADWAY ENGINEERING SECTION

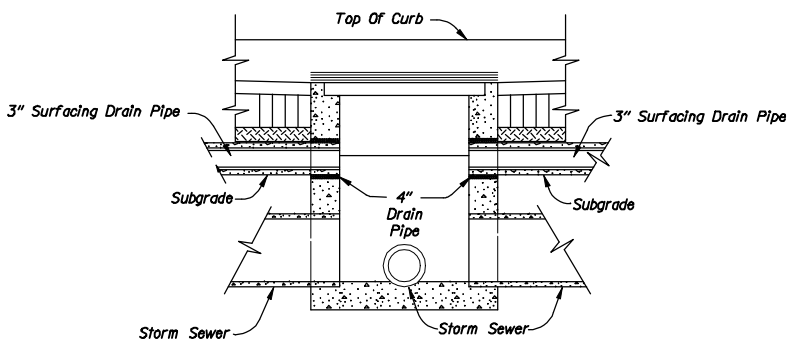
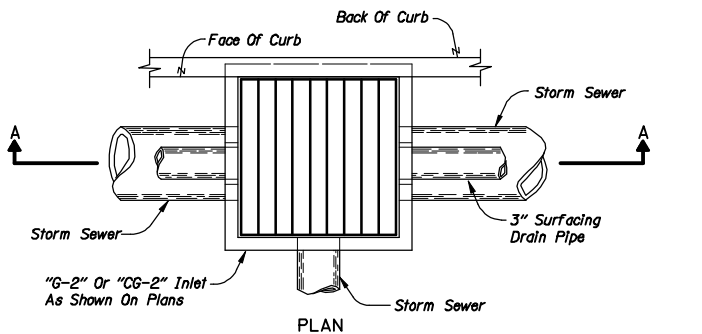
DETAILS

SHEET NO.

Place All Elements
 On Level name
 P_RDWY_PLAN_Detail

01-9

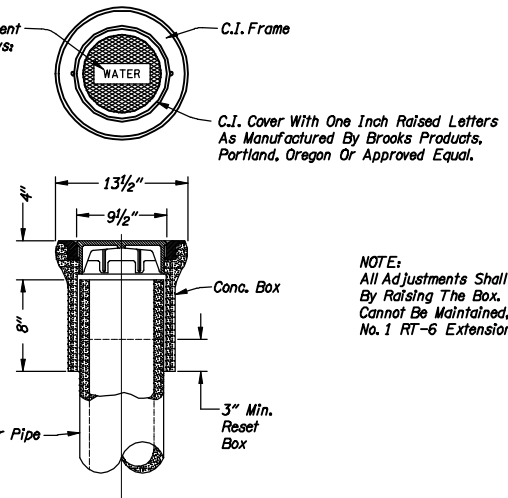
ADVANCE COPY
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SECTION A-A
SURFACING DRAIN CONNECTIONS AT INLETS

(For Details Not Shown, See Drg. No. RD364, RD366)

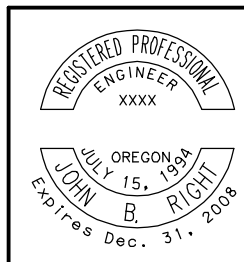
Use Letter Options Consistent
 With Application—As Follows:
 (A) Water (As Shown)
 (B) Sewer
 (C) C.O. (Cleanout)



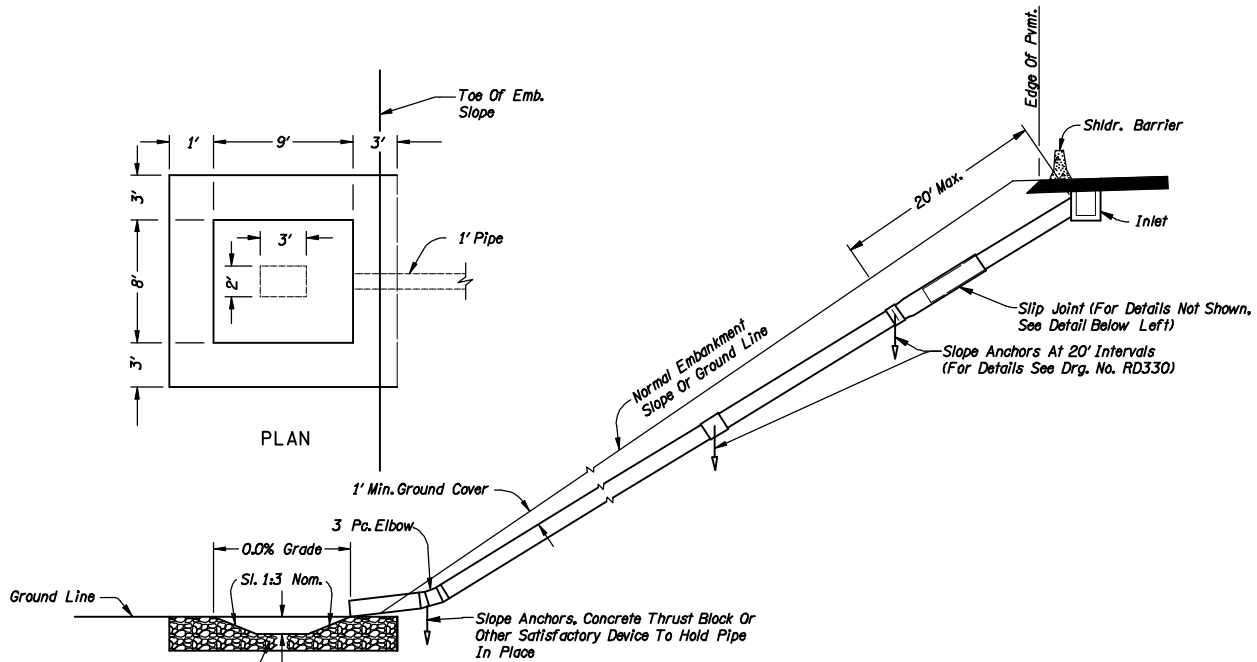
NOTE:
 All Adjustments Shall Be Made
 By Raising The Box. If The 3" Minimum
 Cannot Be Maintained, Add A Brooks
 No. 1 RT-6 Extension, Or Approved Equal.

CITY OF SALEM STANDARD VALVE BOX

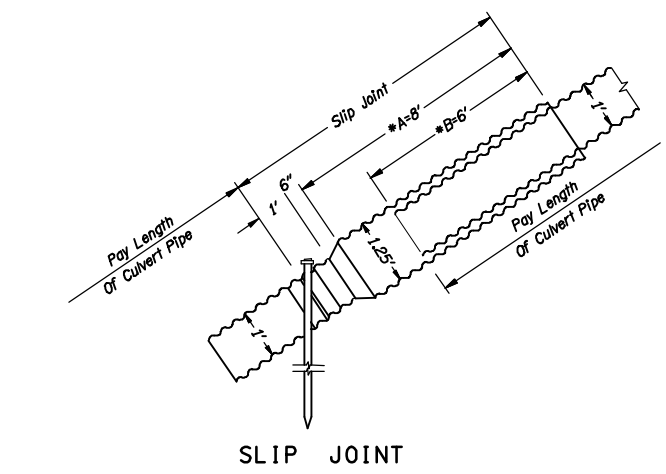
**Place All Elements
 On Level name
 P_RDWY_PLAN_Detail**



OREGON DEPARTMENT OF TRANSPORTATION ROADWAY ENGINEERING SECTION	
DETAILS	SHEET NO.



ELEVATION
 SLOPED PIPE WITH OUTLET BASIN
 (For Location, See Sht.)



SLIP JOINT

Place All Elements
 On Level name
 P_RDWY_PLAN_Detail

REGISTERED PROFESSIONAL
 ENGINEER
 XXXX

OREGON
 JULY 15, 1994
 JOHN B. RIGHT
 Expires Dec. 31, 2008

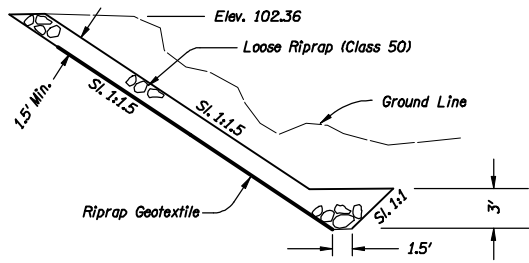
OREGON DEPARTMENT OF TRANSPORTATION
 ROADWAY ENGINEERING SECTION

DETAILS

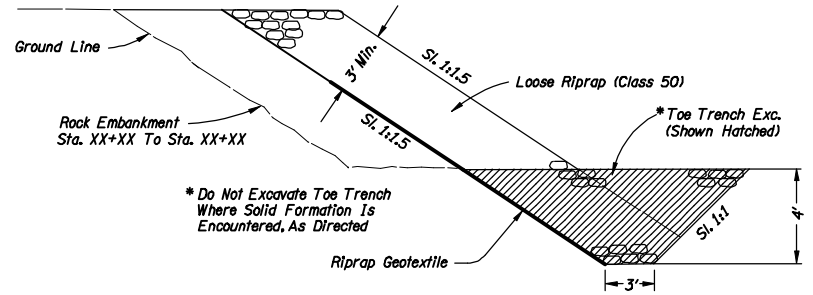
SHEET NO.

6-12

PRELIMINARY COPY
 INFORMATION ONLY
 PLEASE CONSULT
 ORIGINAL SET

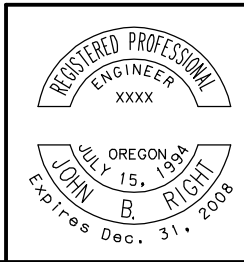


ELEVATION
 RIPRAP PLACEMENT



RIPRAP AT BRIDGE

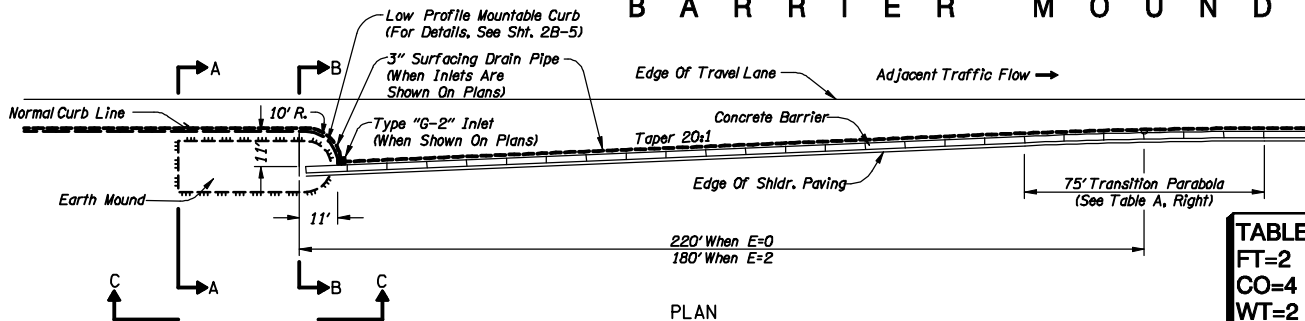
Place All Elements
 On Level name
 P_RDWY_PLAN_Detail



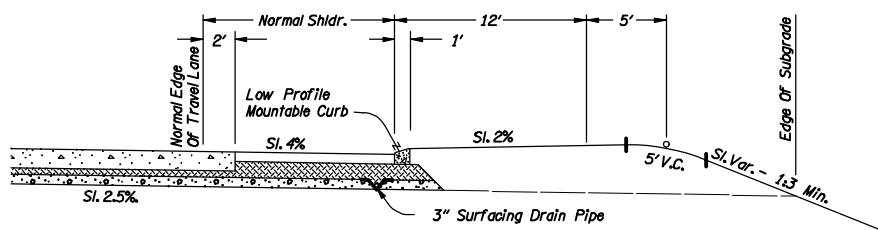
OREGON DEPARTMENT OF TRANSPORTATION ROADWAY ENGINEERING SECTION	
_____ _____	
DETAILS	
SHEET NO. _____	

6-13

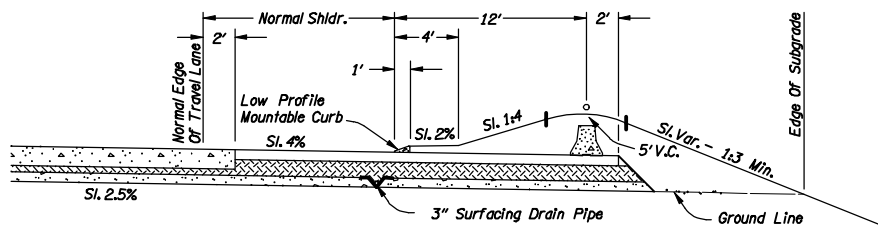
BARRIER MOUND



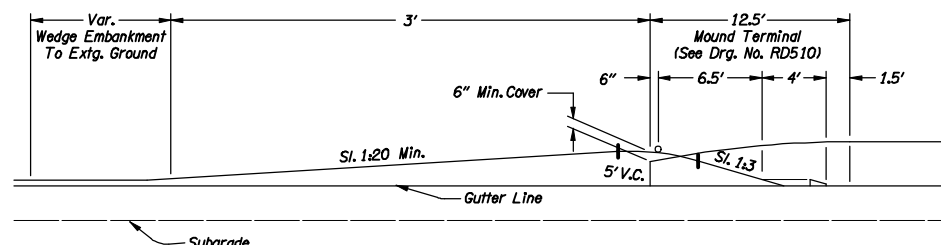
PLAN



SECTION A-A



SECTION B-B



SECTION C-C
(For Surfacing Details, See Typical Sections)
**CONCRETE BARRIER MOUND
WITH LOW PROFILE MOUNTABLE CURB**

TITLE TEXT:
FT=4 TX=9.4
CO=3 JUST=CC
WT=2

ADVANCE COPY
SUBJECT TO CHANGE

TABLE A
FLARE RATES AND TRANSITION PARABOLA

Flare Rate arb	X (ft)	Concrete Barrier Segment					
		1	2	3	4	5	6
20:1	Y (in)	1.25	2.5	6.0	10.0	15.5	23.0

TABLE TEXT:
FT=2 TX=7.5
CO=4 JUST=CC
WT=2

TABLE TEXT:
FT=24 TX=7.5
CO=4 JUST=CC
WT=2

TABLE BORDER:
CO=4
WT=2

**Place All Elements
On Level name
P_RDWY_PLAN_Detail**



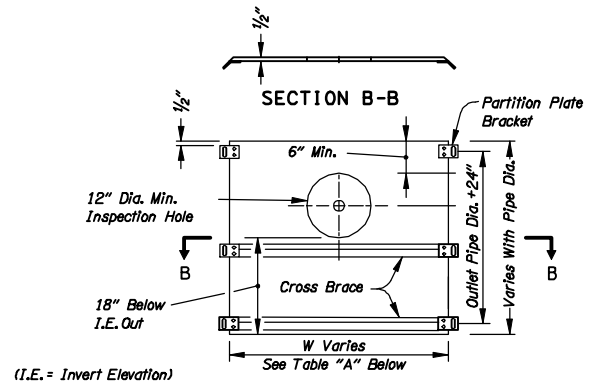
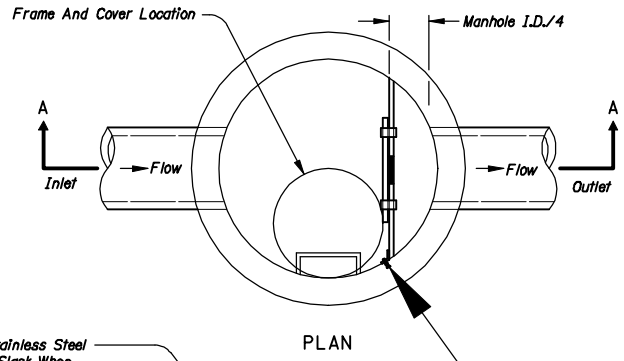
**OREGON DEPARTMENT OF TRANSPORTATION
ROADWAY ENGINEERING SECTION**

DETAILS

SHEET NO.

S E D I M E N T A T I O N M A N H O L E

28V-72



PARTITION PLATE

TABLE "A"

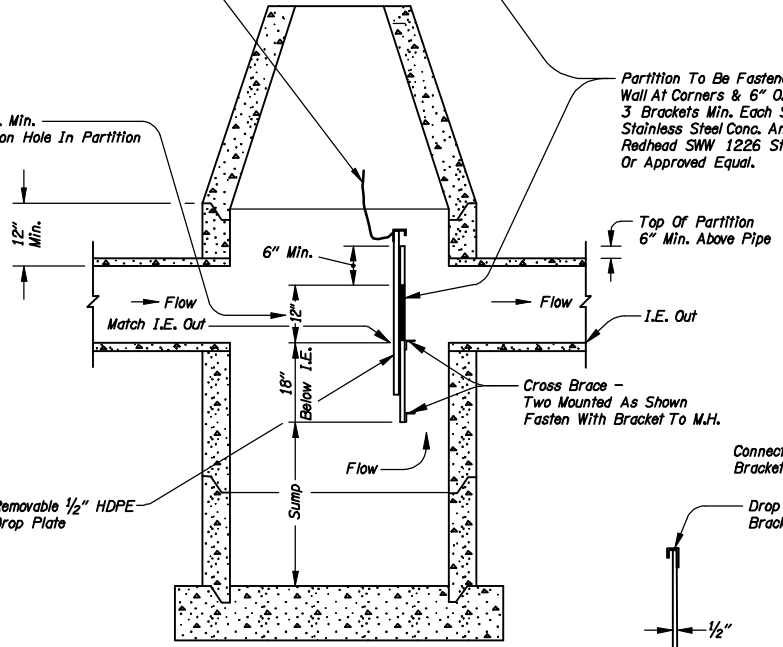
M.H. DIA. (in)	W (in)
48	42.2
54	47.4
60	52.8
72	63.4
96	84.4

PARTITION PLATE BRACKET

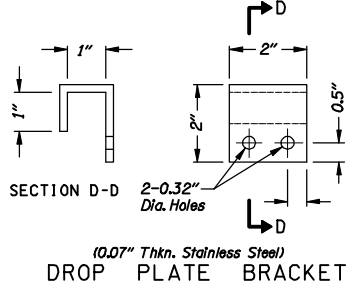
1/8" Stainless Steel Cable, Slack When Plate Is Down (Fasten End To Top Step)

12" Dia. Min. Inspection Hole In Partition

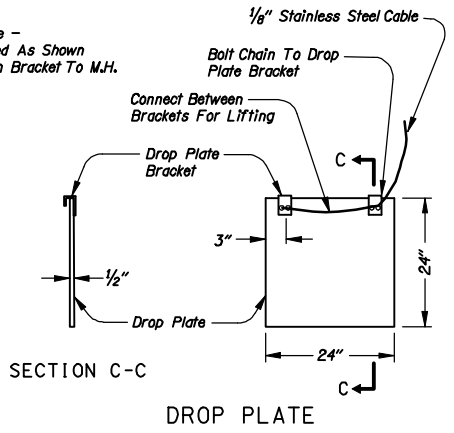
Partition To Be Fastened To Manhole Wall At Corners & 6" O.C. Along Sides. 3 Brackets Min. Each Side. With M12 Stainless Steel Conc. Anchor Bolts. - Redhead SWW 1226 Stainless - 316 Or Approved Equal.



SECTION A-A



DROP PLATE BRACKET



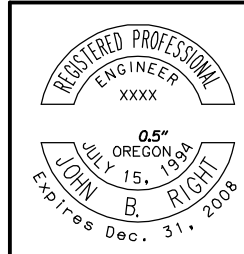
SECTION C-C

DROP PLATE

NOTES:

1. Hardware, Fasteners And Anchors To Be Stainless Steel; Use 1/8" Stainless Steel Cable.
 2. See Pipe Data Sheet And Plan Sheets For Pipe Size(s).
 3. See Pipe Data Sheet And Plan Sheets For Manhole Size(s).
 4. See Pipe Data Sheet And Plan Sheets For Sump Depth.
 5. Removable Drop Plate And Partition To Be Constructed Of High Density Polyethylene (HDPE), 1/2" Thick ASTM D1248-78 And Installed Prior To Manhole Cone Or Top.
 6. Manhole And Base Per Manhole Detail.
 7. Cross Brace L 2 1/2 x 1 1/2 x 3/16" Hot Dip Galvanize, ASTM A-123. Two Per Partition Plate - Full Width. Fasten To Partition With Stainless Bolt, Nut & Washer At 18" Ctrs. Fasten To Manhole At Ends Using Partition Plate Brackets.
 8. Hardware, Fasteners, Anchors, Fittings, Appurtenances, Labor And Equipment Is Incidental To Sedimentation Manhole Item.
- (For Details Not Shown, See Drg. Nos. RD336, Thru RD348)

Place All Elements On Level name P_RDWY_PLAN_Detail

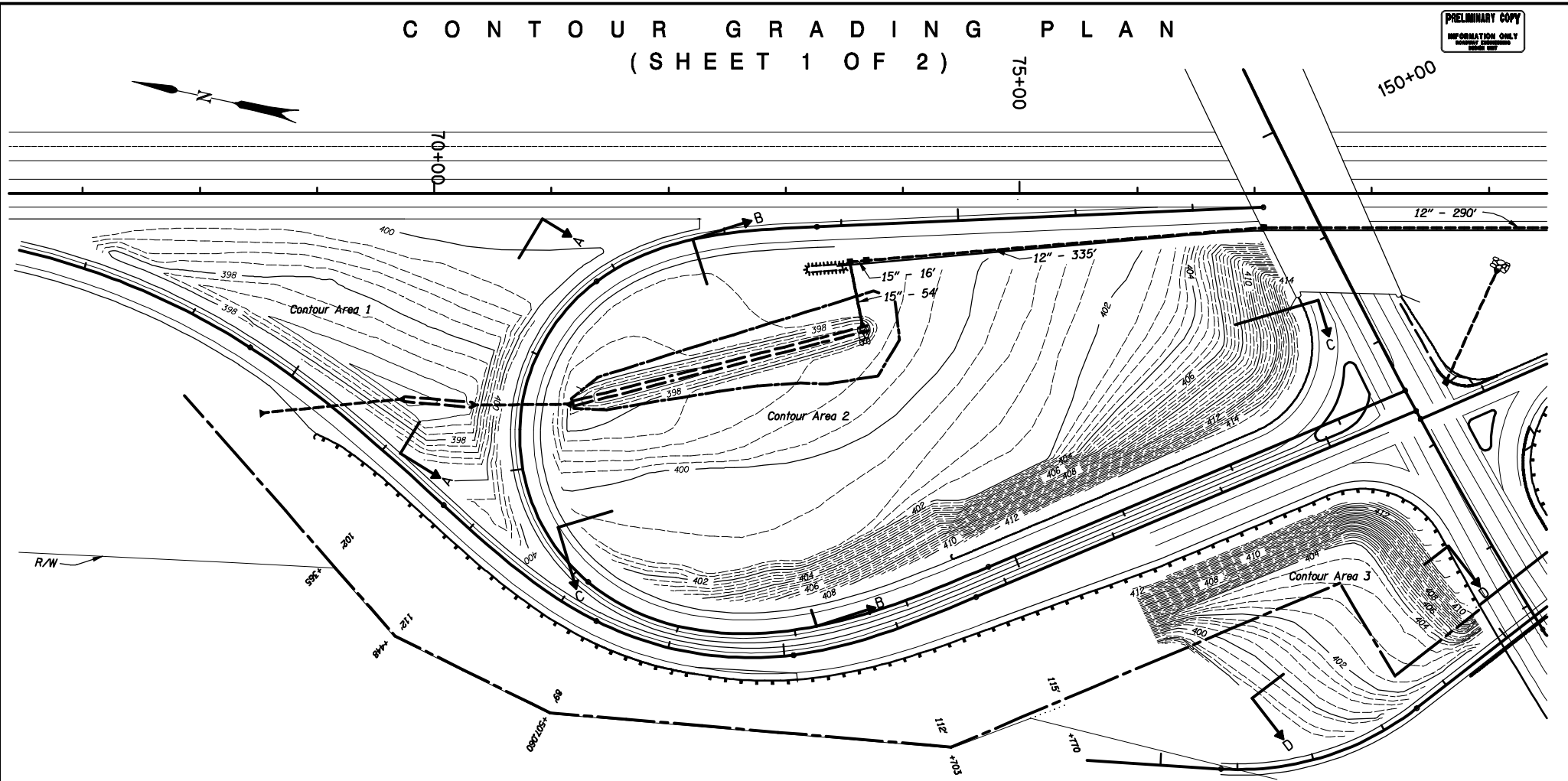


OREGON DEPARTMENT OF TRANSPORTATION ROADWAY ENGINEERING SECTION	
	SHEET NO.
DETAILS	

C O N T O U R G R A D I N G P L A N

(S H E E T 1 O F 2)

PRELIMINARY COPY
INFORMATION ONLY
DO NOT CONSTRUCT



EARTHWORK TABLE

	EXC.	EMB. IN PLACE
Contour Area 1	579	36
Contour Area 2	12,220	267
Contour Area 3	2,607	82

For Section A-A, B-B, C-C, & D-D, See Sht. 5-18

Place All Elements
On Level name
P_RDWY_PLAN_Detail



OREGON DEPARTMENT OF TRANSPORTATION
ROADWAY ENGINEERING SECTION

CONTOUR GRADING PLAN

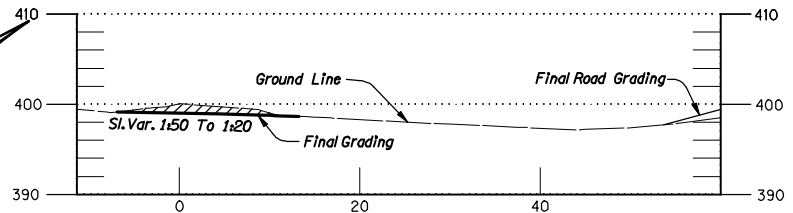
SHEET NO.

C O N T O U R G R A D I N G P L A N

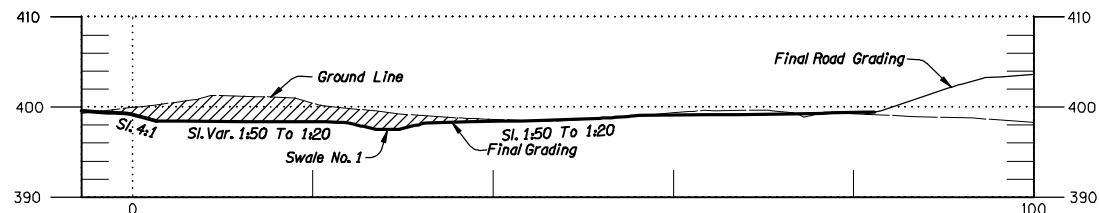
(S H E E T 2 O F 2)

ADVANCE COPY
SUBJECT TO CHANGE
DATE: 07/15/08

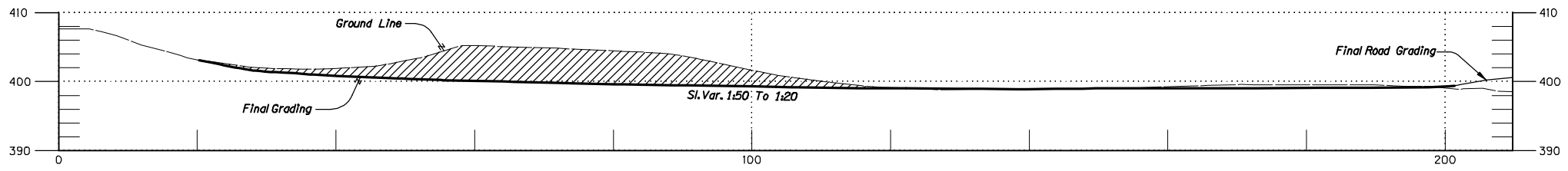
**ELEVATION
TEXT:**
 FT=2 TX=7.5
 CO=1 WT=1
 JUST=CL



SECTION A-A

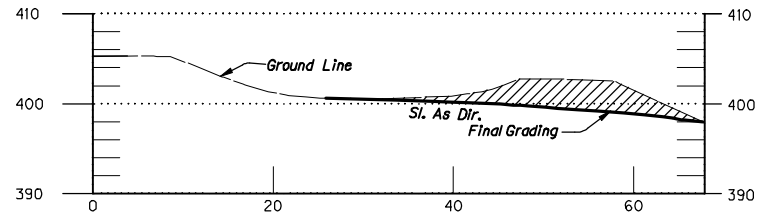


SECTION B-B



SECTION C-C

For Location Of Sections A-A, B-B, C-C, & D-D, See Sht. 6-17



SECTION D-D

Place All Elements
 On Level name
 P_RDWY_PLAN_Detail



OREGON DEPARTMENT OF TRANSPORTATION ROADWAY ENGINEERING SECTION	
CONTOUR GRADING PLAN	
	SHEET NO.

6-17