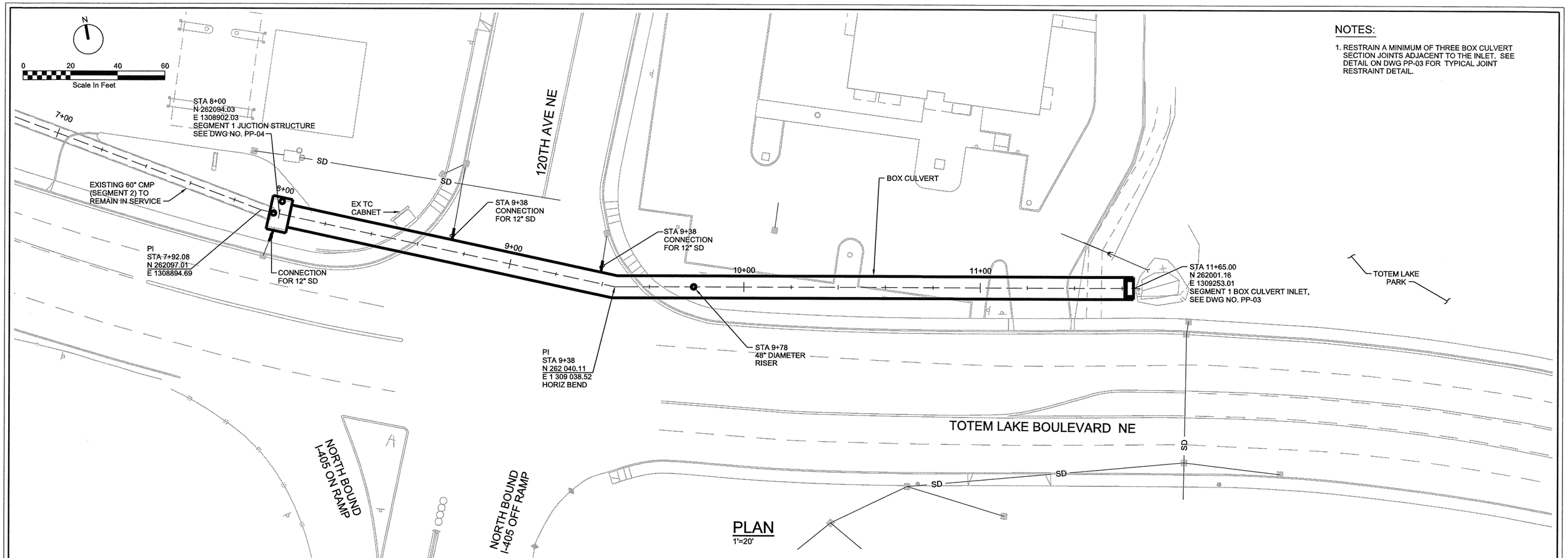
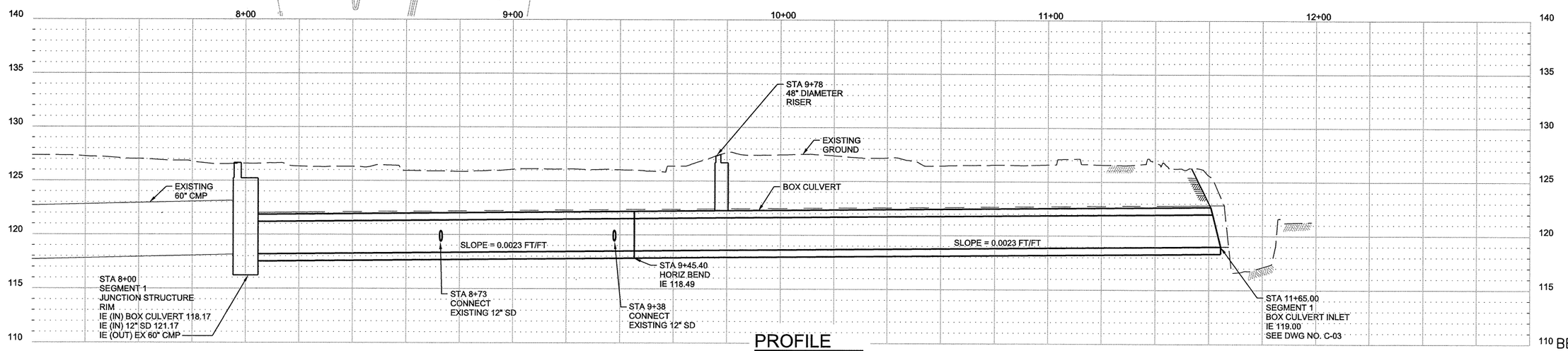
NOTES:

1. RESTRAIN A MINIMUM OF THREE BOX CULVERT SECTION JOINTS ADJACENT TO THE INLET. SEE DETAIL ON DWG PP-03 FOR TYPICAL JOINT RESTRAINT DETAIL.



PLAN
1'=20'



PROFILE
1'=20' HORIZ, 1"=5' VERT

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PROFESSIONAL ENGINEER
1/11/13

FILE	ENGR.	REVIEW	SCALE	DATE
	WILLIAMS	VANDERAA		

NO.	REVISION	BY	REVIEW	DATE

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PUBLIC WORKS DEPARTMENT
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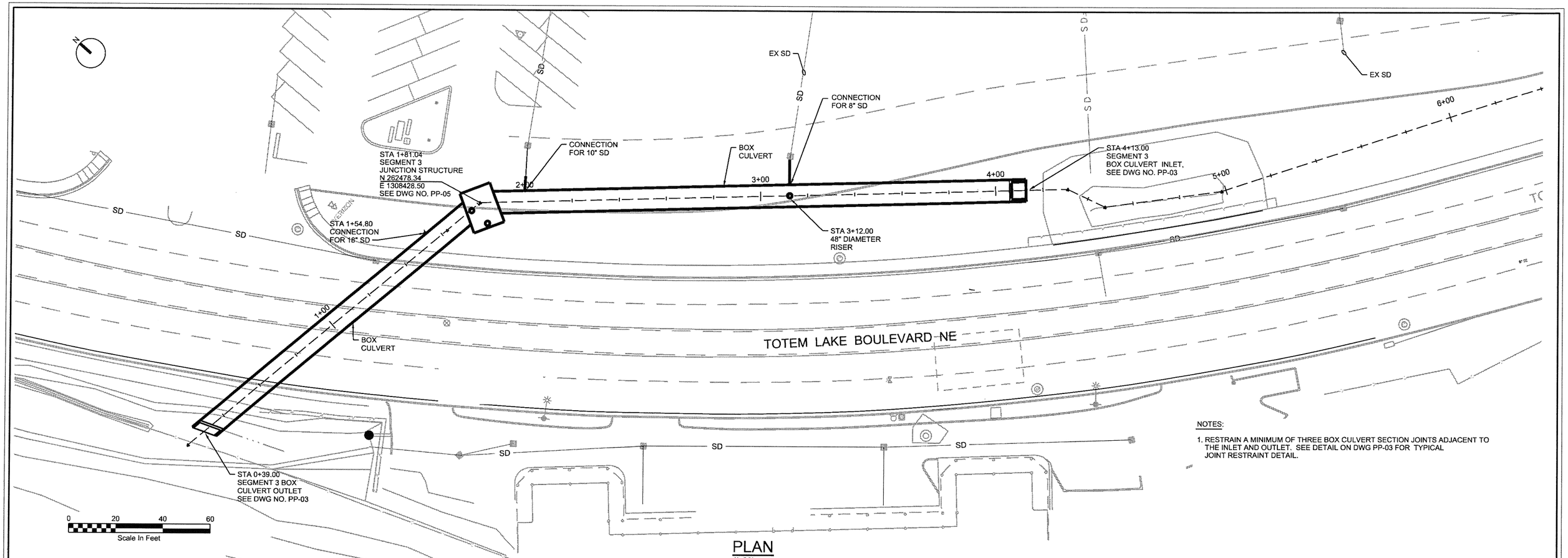
CIP # CSD-0075
TOTEM LAKE TWIN 42-INCH CULVERT
REPLACEMENT PROJECT

MATERIALS PURCHASE
SEGMENT 1 PLAN AND PROFILE

SHEET 1/5

VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING.
0 1"

DATE JAN. 2013
DWG NO. PP-01

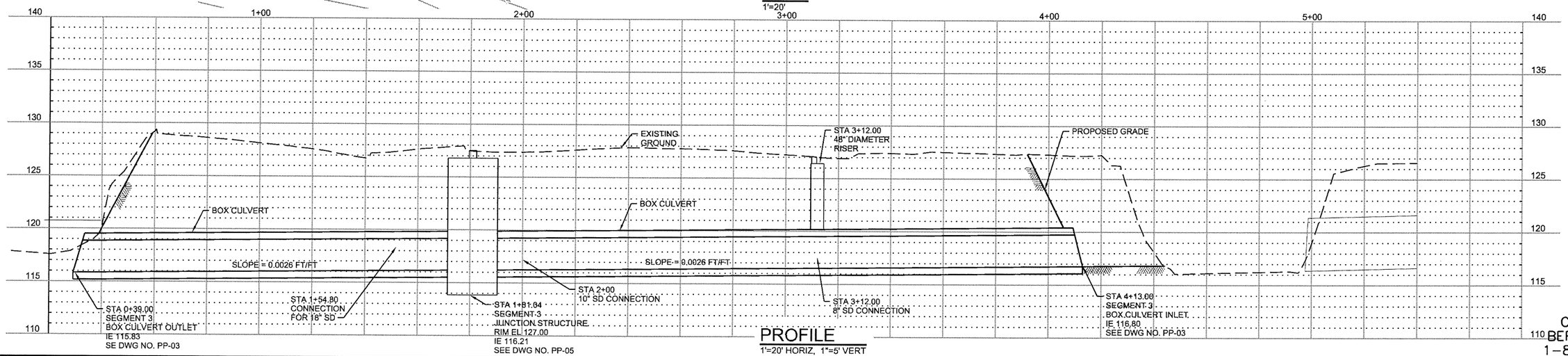


PLAN

1'=20'

NOTES:

1. RESTRAIN A MINIMUM OF THREE BOX CULVERT SECTION JOINTS ADJACENT TO THE INLET AND OUTLET. SEE DETAIL ON DWG PP-03 FOR TYPICAL JOINT RESTRAINT DETAIL.



PROFILE

1'=20' HORIZ, 1"=5' VERT

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CIP # CSD-0075
TOTEM LAKE TWIN 42-INCH CULVERT
REPLACEMENT PROJECT

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SEGMENT 3 PLAN AND PROFILE

SHEET 2/5

VERIFY SCALE
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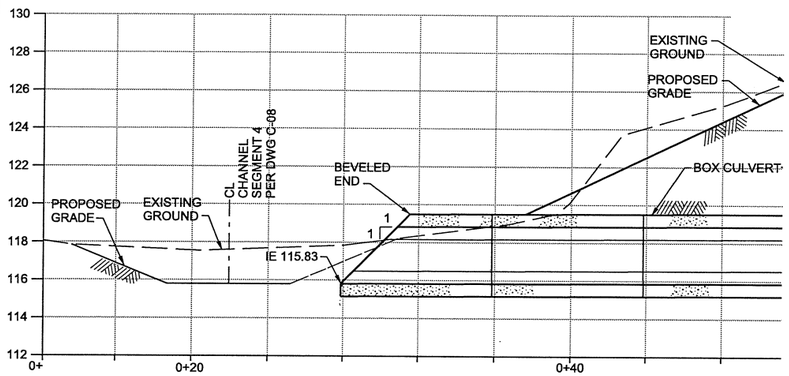
0 1"

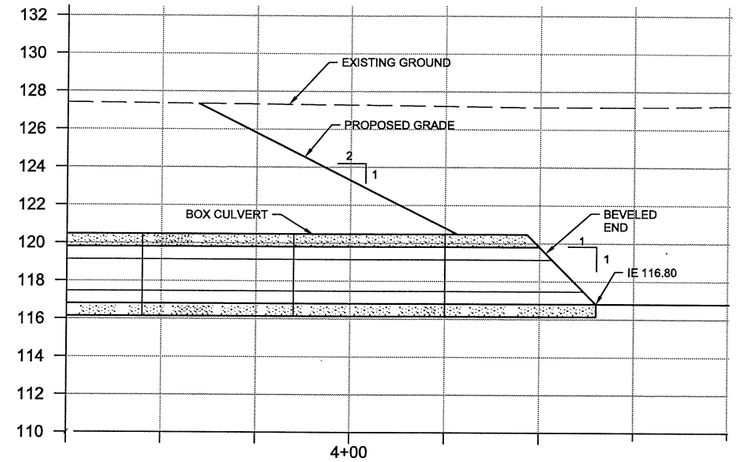
DATE JAN. 2013
DWG NO. PP-02

FILENAME: 434855-BBR2dgn PLOT DATE: 20130111 10:56:47 AM



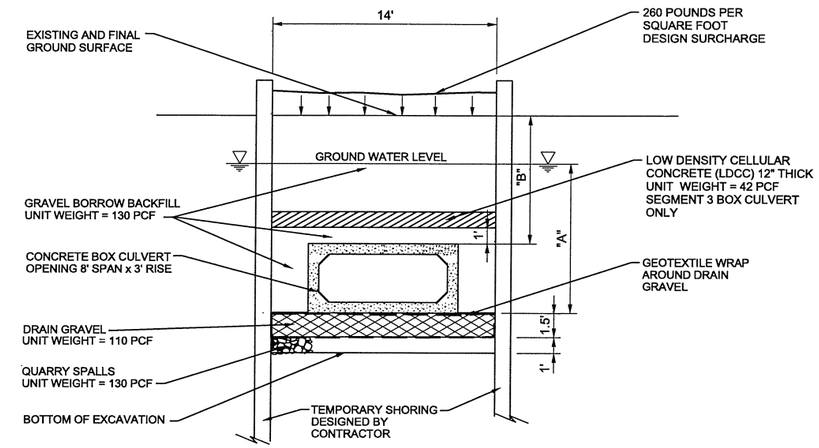
SEGMENT 3 OUTLET SECTION

1"=4'



SEGMENT 3 INLET SECTION

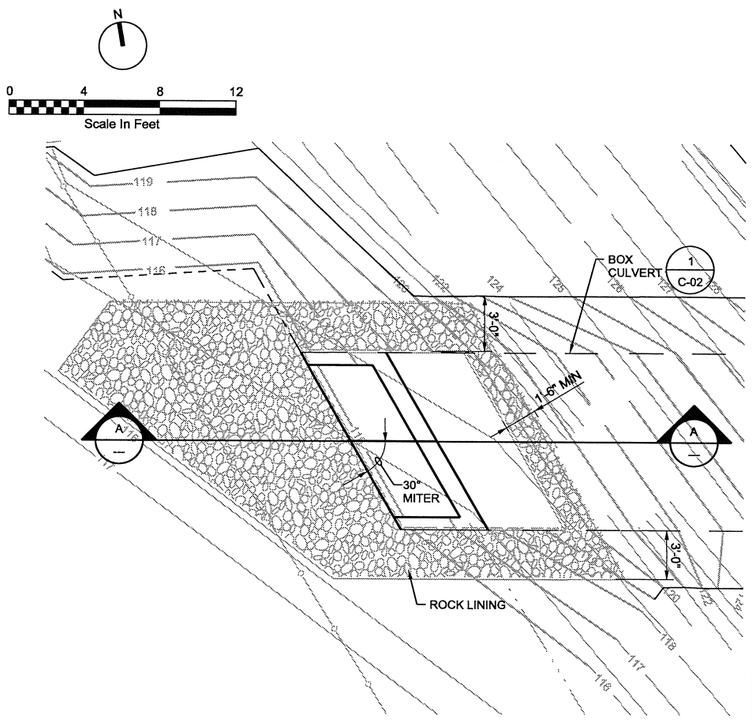
1"=4'



	SEGMENT 1	SEGMENT 3
A	5.6'	9.3'
B	4.4'	8.0'

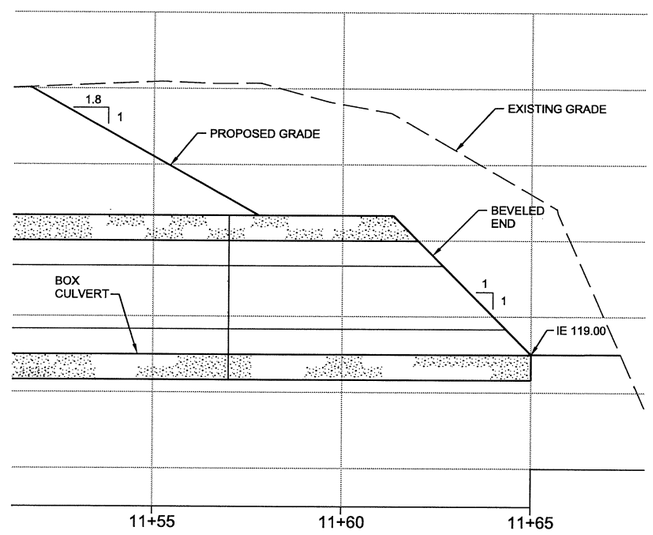
BOX CULVERT DESIGN SECTION

NTS



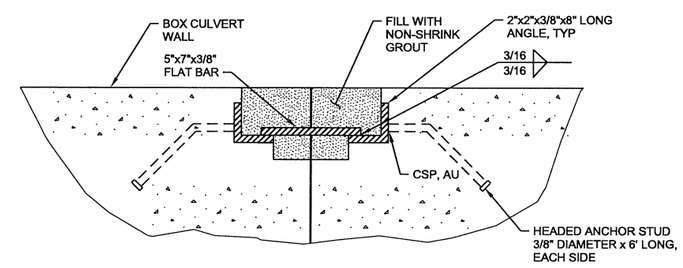
SEGMANT 3 OUTLET PLAN

1'=4'



SEGMENT 1 INLET SECTION

1"=2'



JOINT RESTRAINT

NTS

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CIP # CSD-0075
TOTEM LAKE TWIN 42-INCH CULVERT REPLACEMENT PROJECT

MATERIALS PURCHASE PLAN AND SECTIONS

SHEET 3/5

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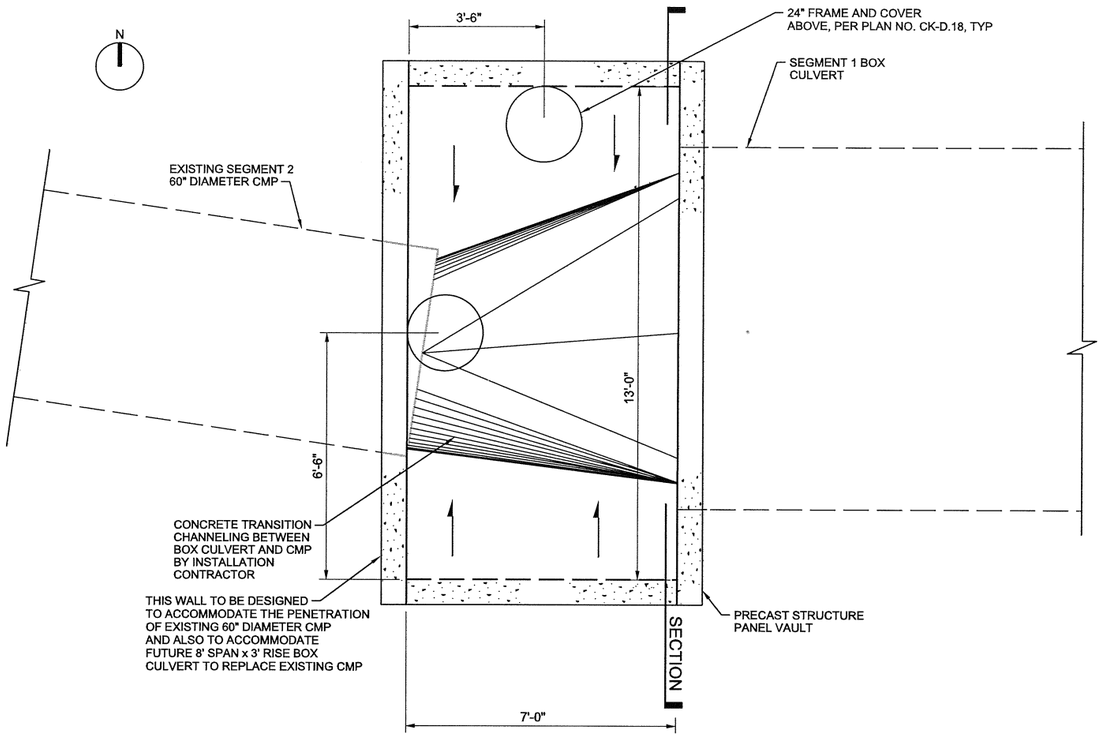
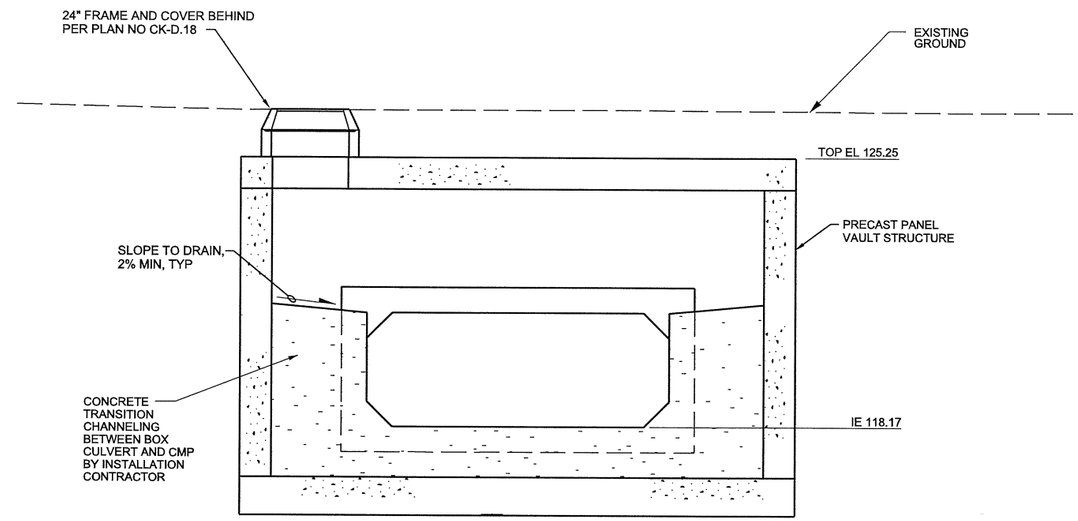
DATE JAN. 2013
DWG NO. PP-03

FILENAME: 434855-PP-03.dgn PLOT DATE: 2013/01/11 10:19:48 AM



BASE PLAN



SECTION

SEGMENT 1 JUNCTION STRUCTURE

1/2"=1'-0"

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CIP # CSD-0075
TOTEM LAKE TWIN 42-INCH CULVERT
REPLACEMENT PROJECT

MATERIALS PURCHASE
JUNCTION STRUCTURE - SEGMENT 1

SHEET 4/5

VERIFY SCALE
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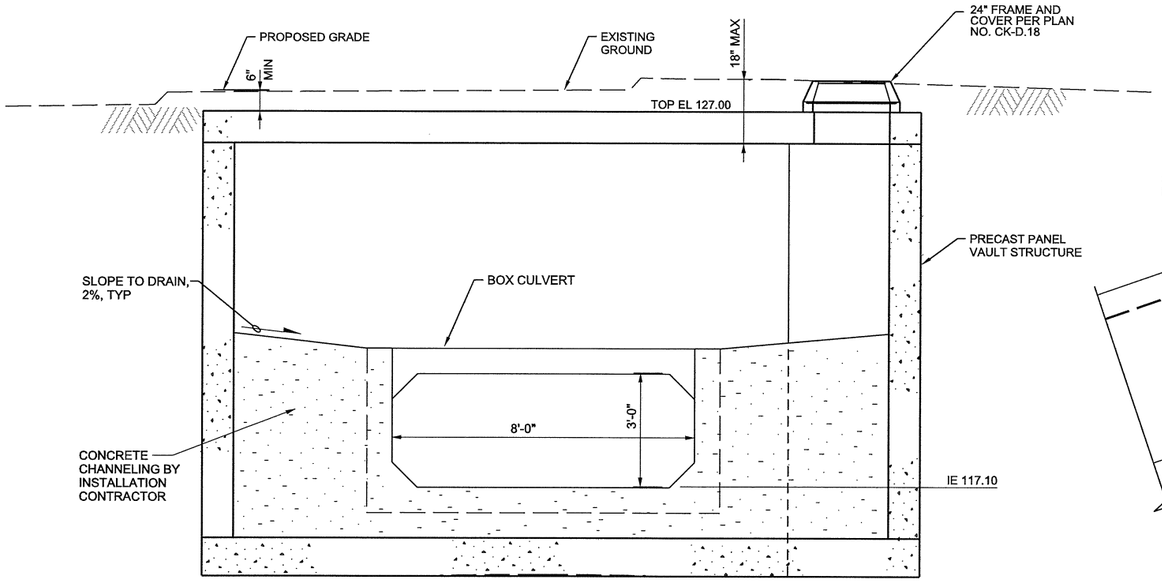
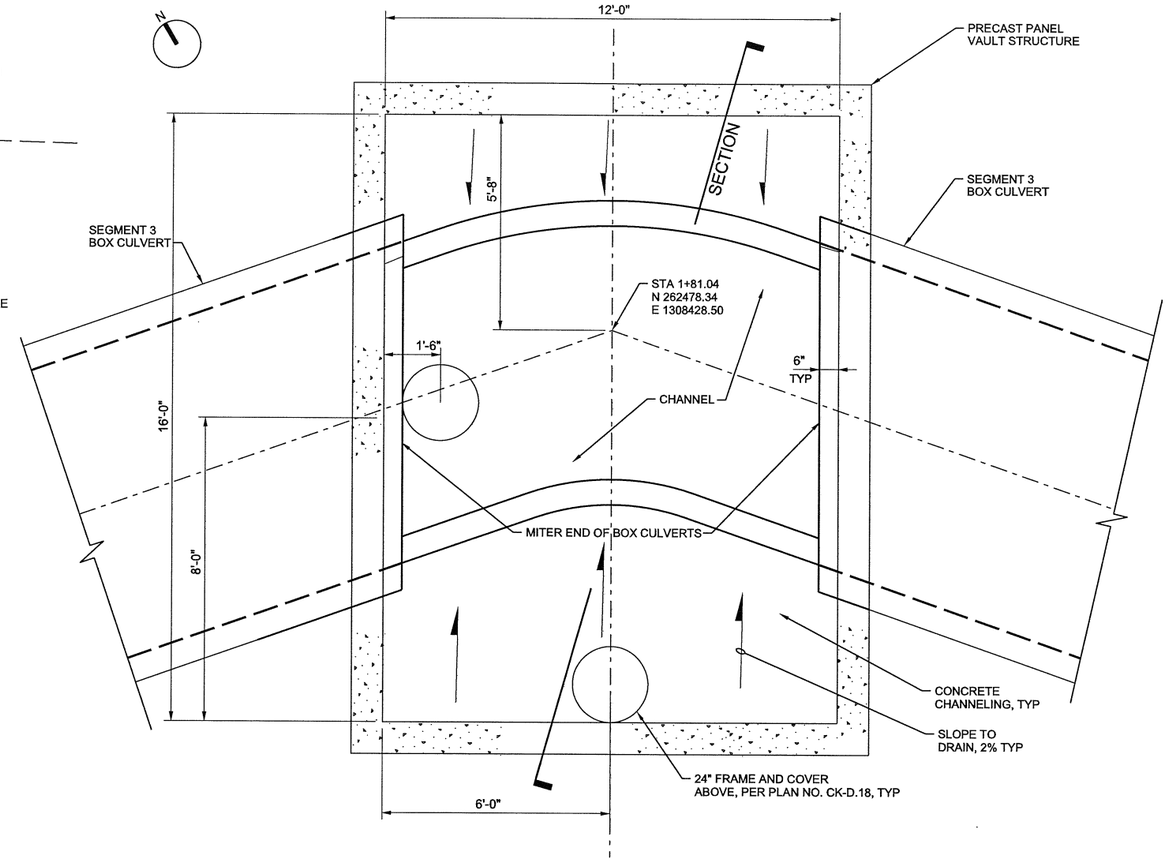
0 1"

DATE JAN. 2013
DWG NO.
PP-04



SECTION



BASE PLAN

SEGMENT 3 JUNCTION STRUCTURE

1/2"=1'-0"

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CIP # CSD-0075
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REPLACEMENT PROJECT

MATERIALS PURCHASE
JUNCTION STRUCTURE - SEGMENT 3

SHEET 5/5

VERIFY SCALE
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0 1"

DATE JAN. 2013
DWG NO.
PP-05