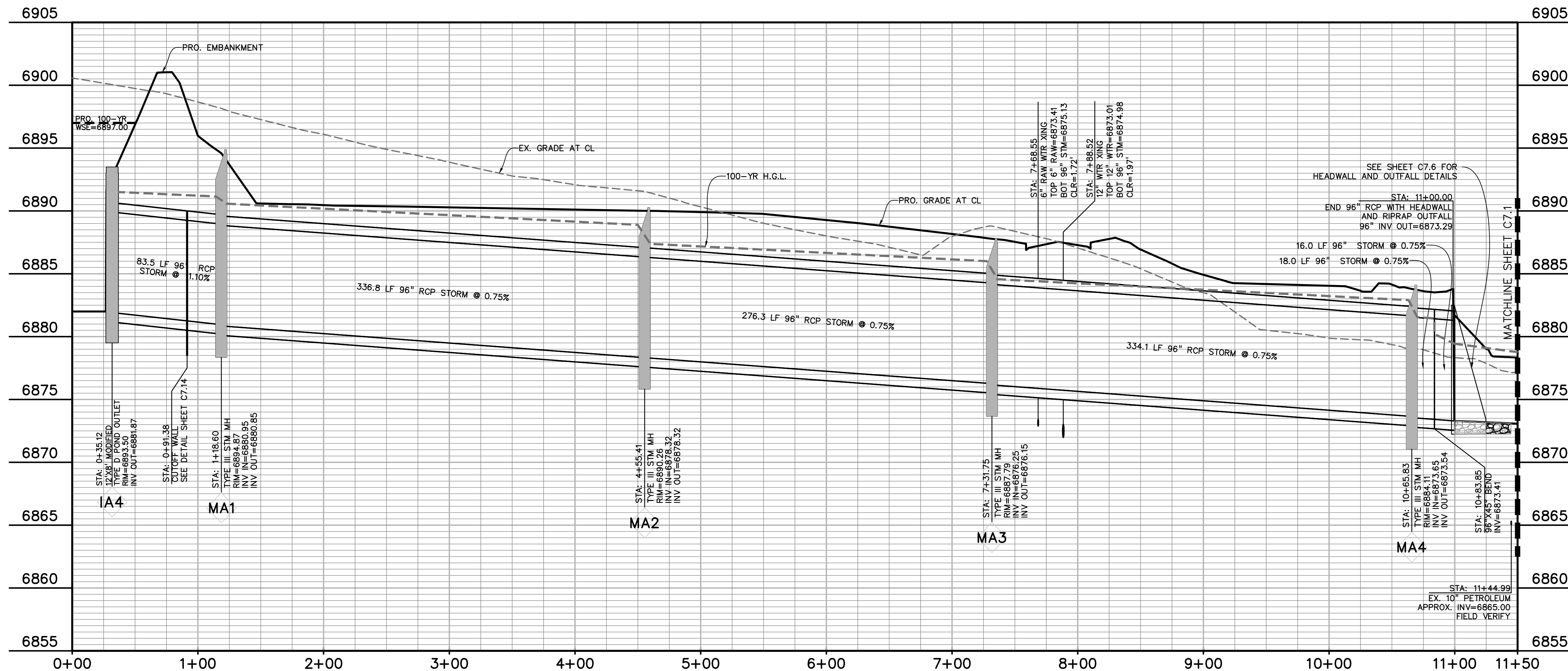
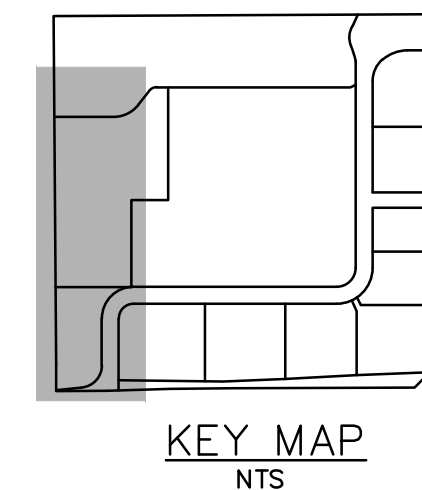
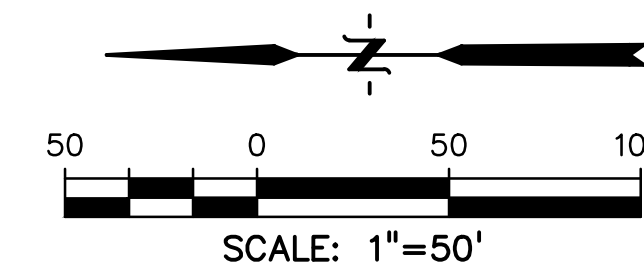


LEGEND	
PROPERTY LINE	---
LOT LINE	- - -
EASEMENT	- - - - -
CURB & GUTTER	=====
SIDEWALK	=====
PRO. WATER LINE	-----
PRO. FIRE HYDRANT	-----
PRO. RAW WATER	-----
PRO. SANITARY SEWER	-----
PRO. STORM SEWER	-----
EX. OVERHEAD ELECTRIC	-----
EX. SANITARY SEWER	-----
EX. PETROLEUM	-----
EX. GAS	-----
EX. RAW WATER	-----
EX. WATER	-----
EX. STORM SEWER	-----



POND #1 (SR4) OUTFALL TO OPEN CHANNEL

EPC 10/21/2020
EL PASO COUNTY FILE NO: SP-17-001
CDR-16-007

PREPARED BY:

DREXEL, BARRELL & CO.
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COLORADO SPGS, COLORADO 80905
CONTACT: TIM D. McCONNELL, P.E.
(719)260-0887
BOULDER • COLORADO SPRINGS

CLIENT:

HUMMEL INVESTMENTS, LLC
8117 PRESTON ROAD, SUITE 120
DALLAS, TEXAS 75225
(214) 416-9820

OVERLOT GRADING, POND SR4 & UTILITY
CONSTRUCTION DRAWINGS FOR

FALCON
MARKETPLACE
FALCON, COLORADO

ISSUE	DATE
1ST SUBMITTAL	6-20-17
RESUBMITTAL	9-6-18
REVISED	7-24-20
DESIGNED BY:	TDM
DRAWN BY:	KGV
CHECKED BY:	TDM
FILE NAME:	

PREPARED UNDER MY DIRECT
SUPERVISION FOR AND ON BEHALF
OF DREXEL, BARRELL & CO.

DRAWING SCALE:
HORIZONTAL: 1"=50'
VERTICAL: 1"=5'

STORM SEWER
PLAN &
PROFILE

PROJECT NO. 20988-00CSCV
DRAWING NO.

C7.0

SHEET: 7 OF 27

PREPARED BY:

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MARKETPLACE**
FALCON, COLORADO

ISSUE	DATE
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REVISED	7-24-20
REVISED	11-4-20

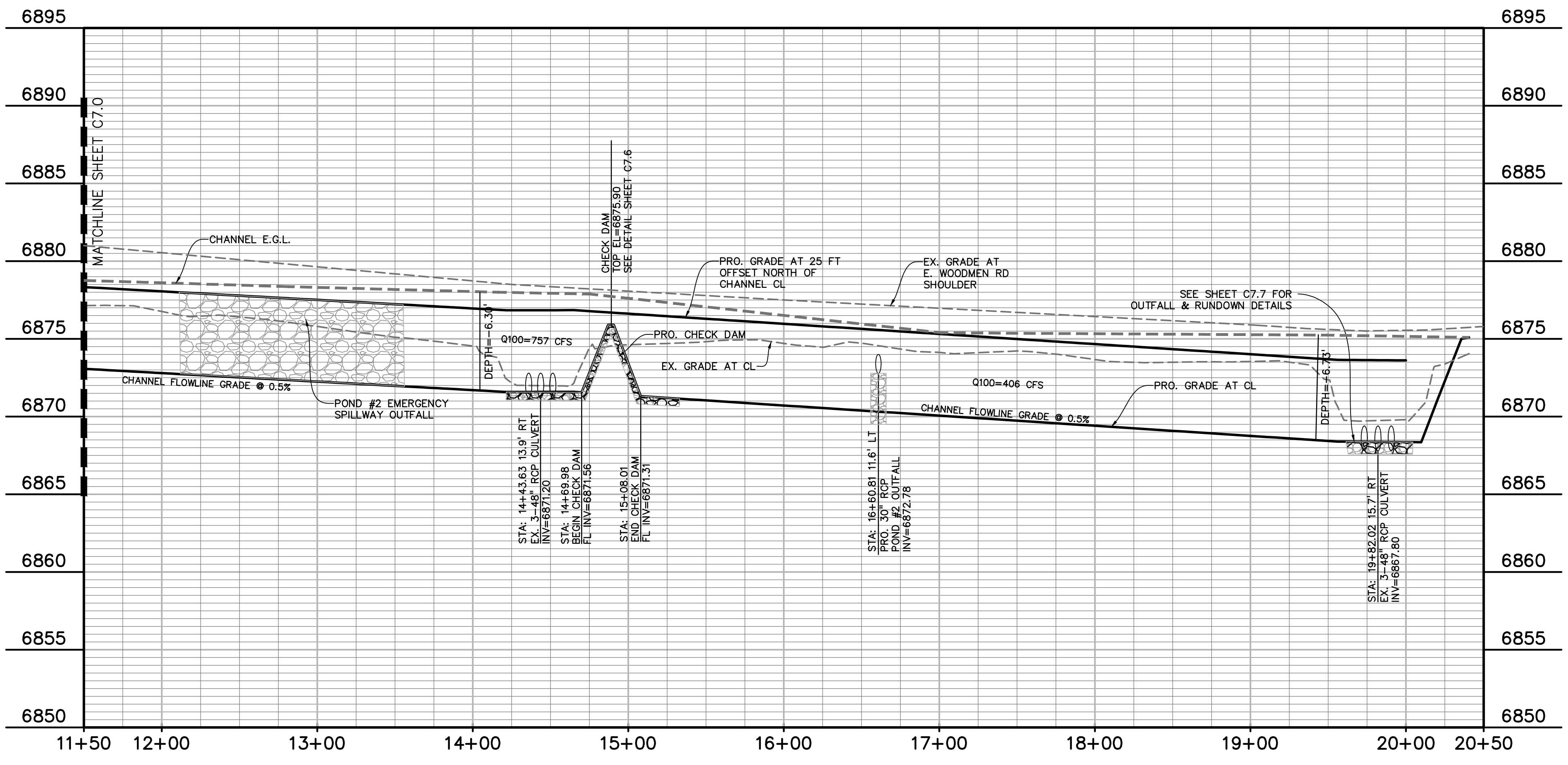
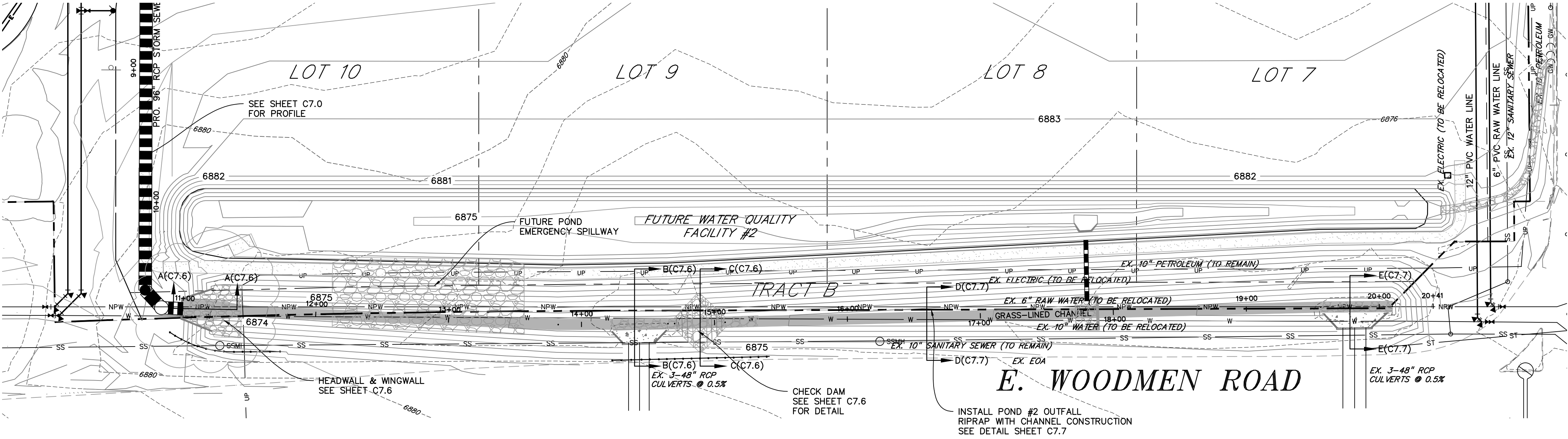
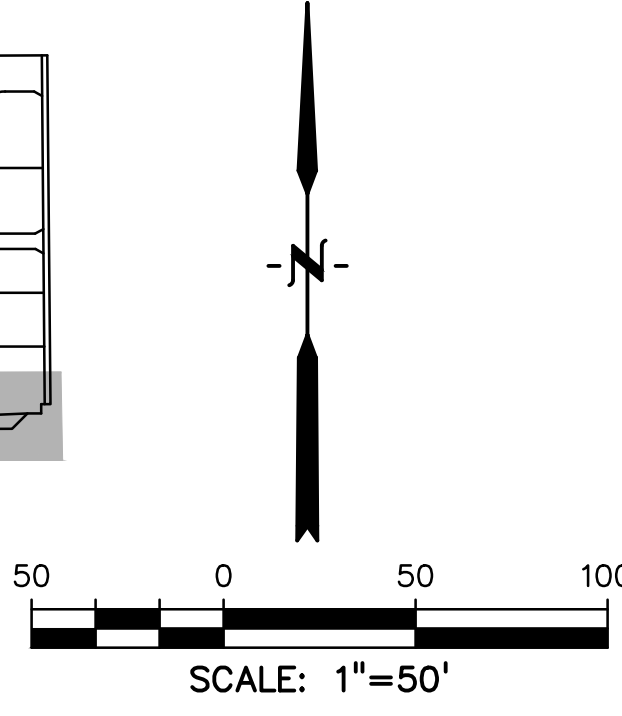
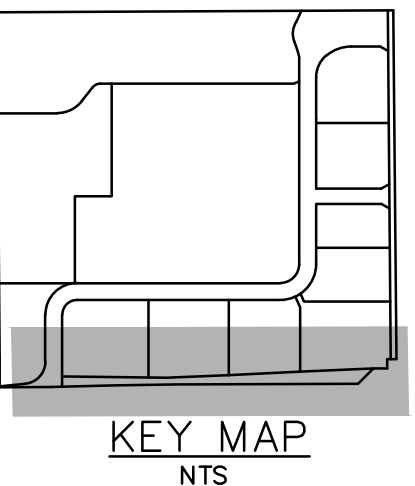
DESIGNED BY:	TDM
DRAWN BY:	KGV
CHECKED BY:	TDM
FILE NAME:	


PREPARED UNDER MY DIRECT
SUPERVISION FOR AND ON BEHALF
OF DREXEL, BARRELL & CO.
DRAWING SCALE:
HORIZONTAL: 1"=50'
VERTICAL: 1"=5'

**STORM SEWER
PLAN &
PROFILE**
PROJECT NO. 20988-00CSCV
DRAWING NO.
C7.1
SHEET: 8 OF 27

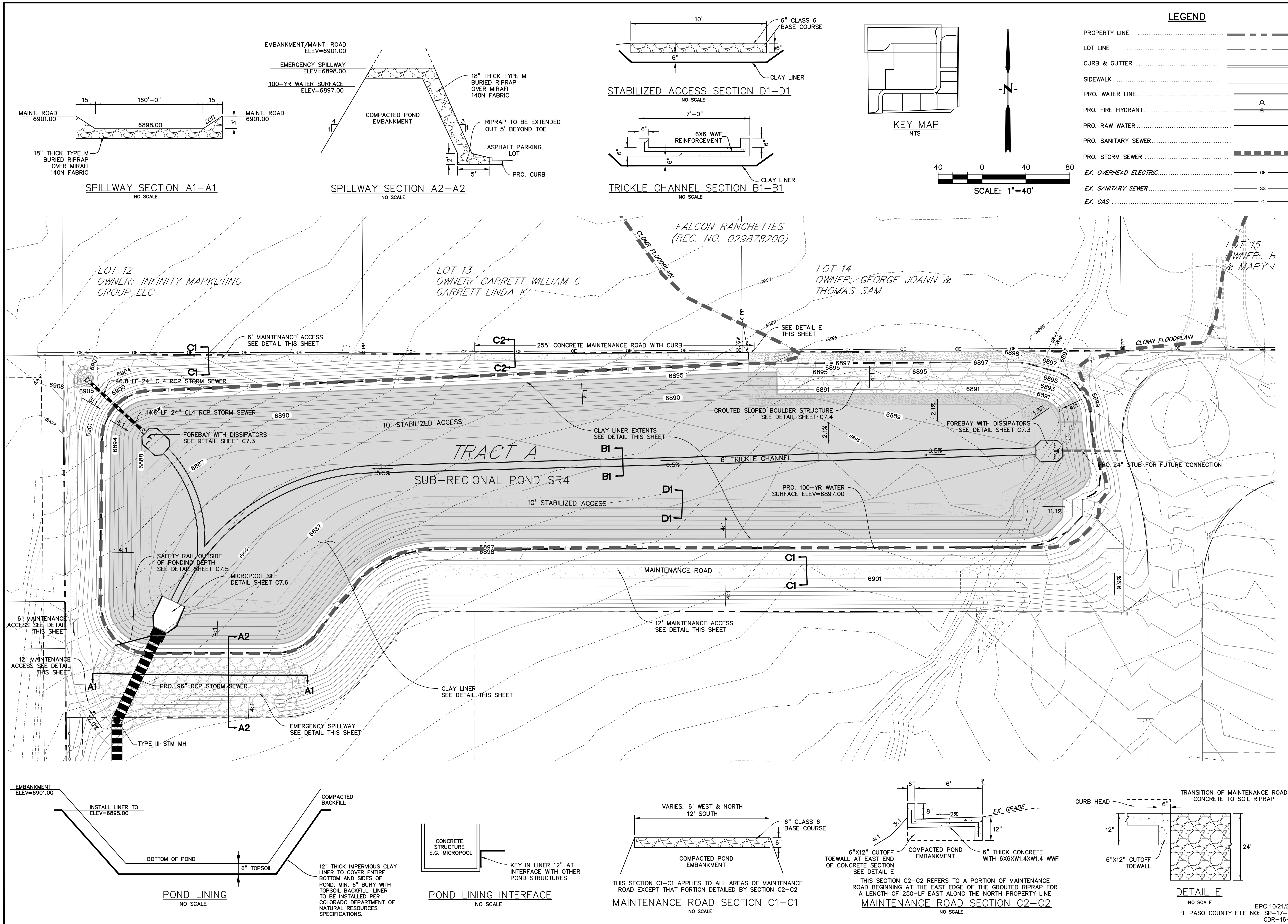
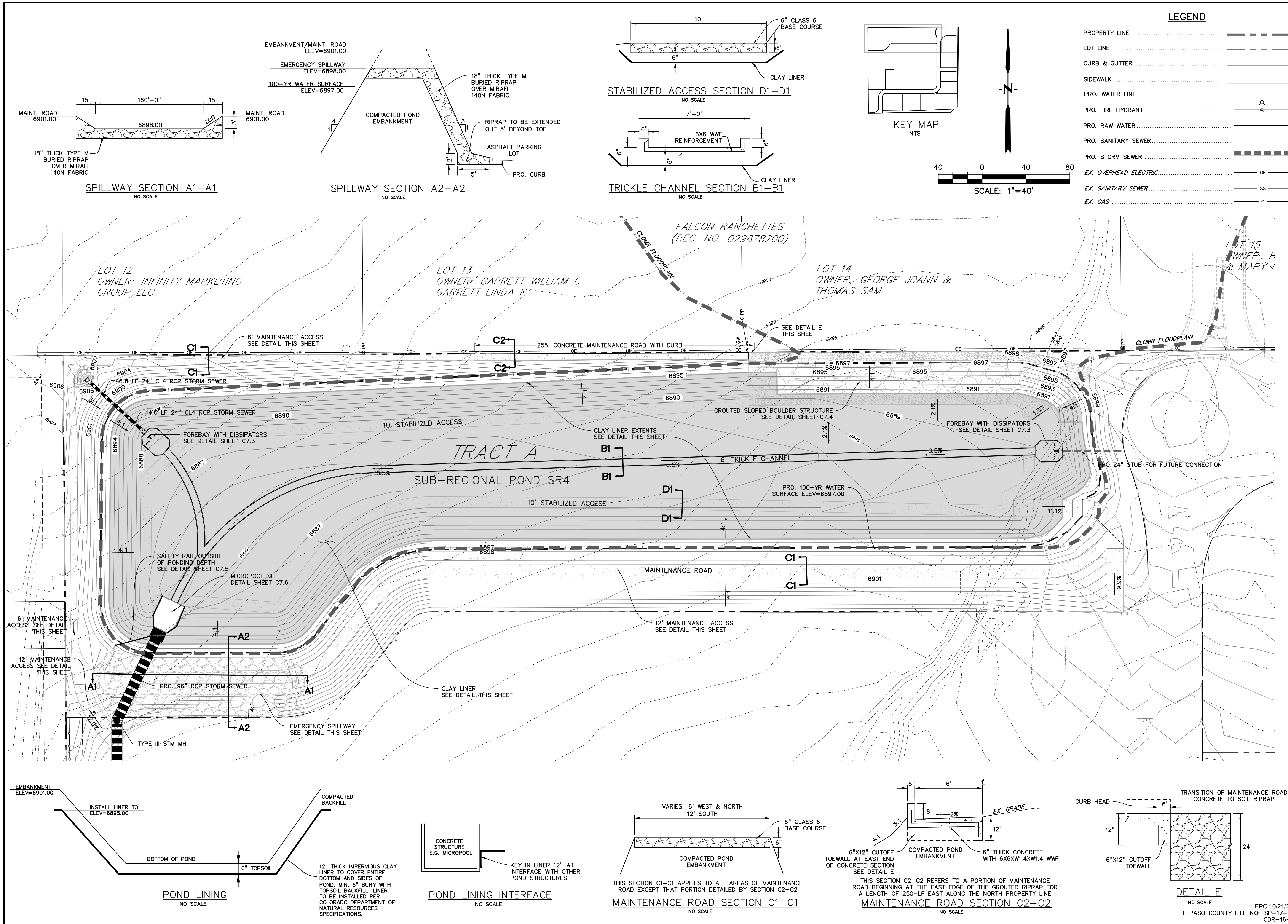
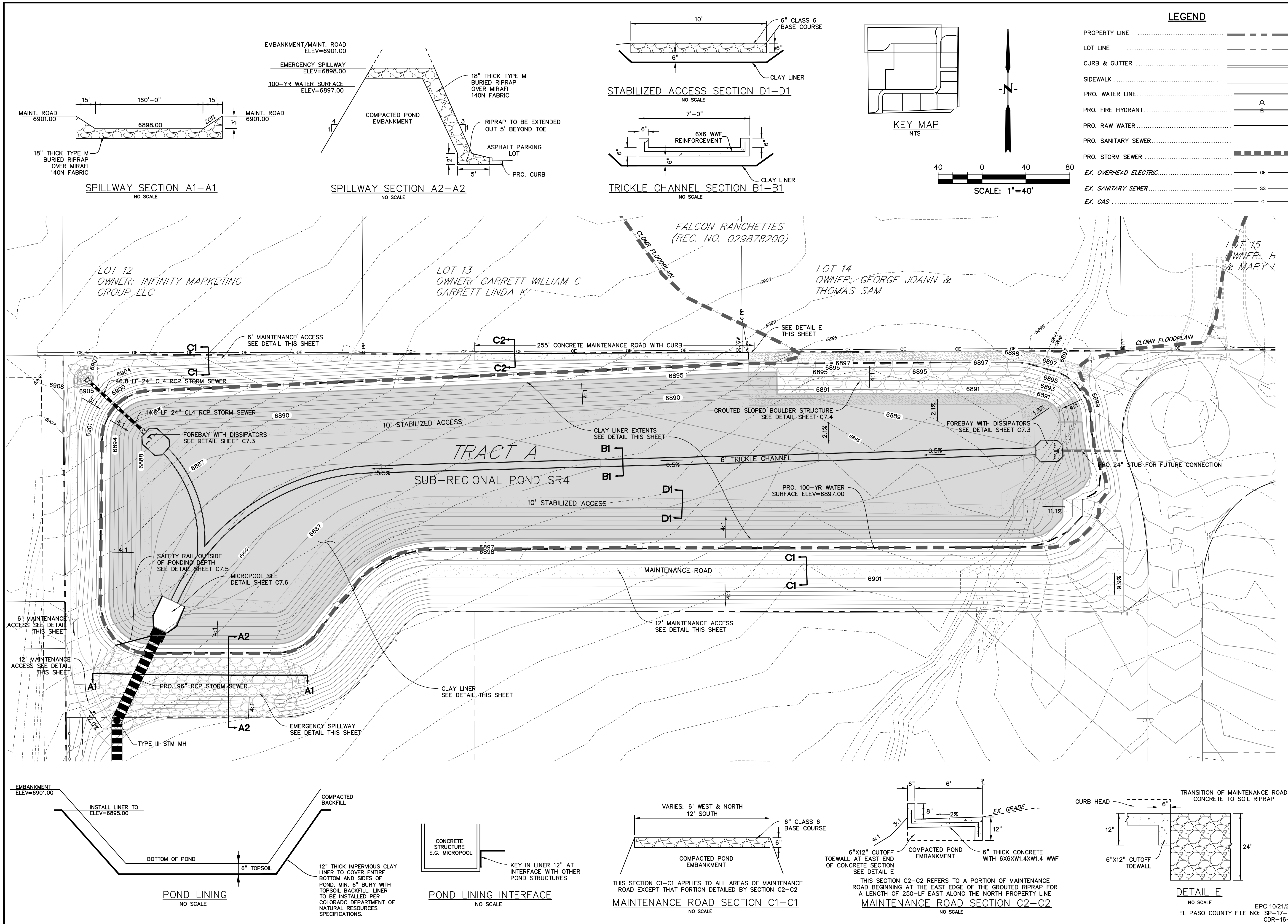
LEGEND

PROPERTY LINE	-----
LOT LINE	-----
EASEMENT	-----
CURB & GUTTER	=====
SIDEWALK	=====
PRO. WATER LINE	-----
PRO. FIRE HYDRANT	-----
PRO. RAW WATER	-----
PRO. SANITARY SEWER	-----
PRO. STORM SEWER	-----
EX. OVERHEAD ELECTRIC	----- OE -----
EX. SANITARY SEWER	----- SS -----
EX. PETROLEUM	----- UP -----
EX. GAS	----- G -----
EX. RAW WATER	----- RW -----
EX. WATER	----- W -----
EX. STORM SEWER	----- ST -----



OPEN CHANNEL ALONG E. WOODMEN ROAD

811 Know what's below.
Call before you dig.
CALL 2-BUSINESS DAYS IN ADVANCE
BEFORE YOU DIG, GRADE, OR
EXCAVATE FOR THE MARKING OF
UNDERGROUND MEMBER UTILITIES.
EPC 10/21/2020
EL PASO COUNTY FILE NO: SP-17-001
CDR-16-007



PREPARED BY:

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OVERLOT GRADING, POND SR4 & UTILITY
CONSTRUCTION DRAWINGS FOR

**FALCON
MARKETPLACE**
FALCON, COLORADO

ISSUE	DATE
1ST SUBMITTAL	6-20-17
RESUBMITTAL	9-6-18
REVISED	7-24-20
DESIGNED BY:	TDM
DRAWN BY:	KGW
CHECKED BY:	TDM
FILE NAME:	

PREPARED UNDER MY DIRECT
SUPERVISION FOR AND ON BEHALF
OF DREXEL, BARRELL & CO.

DRAWING SCALE:
HORIZONTAL: 1"=40'
VERTICAL: N/A

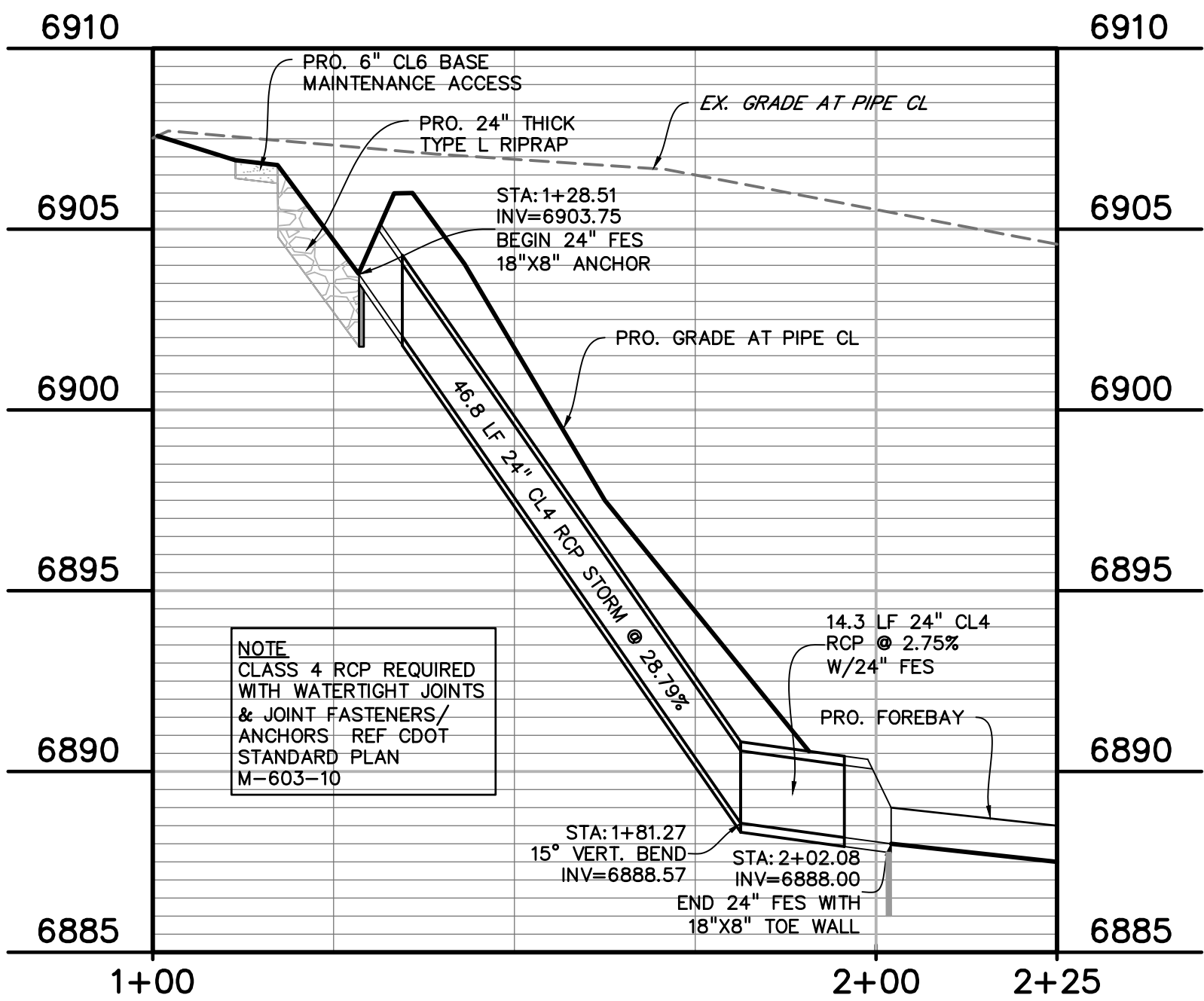
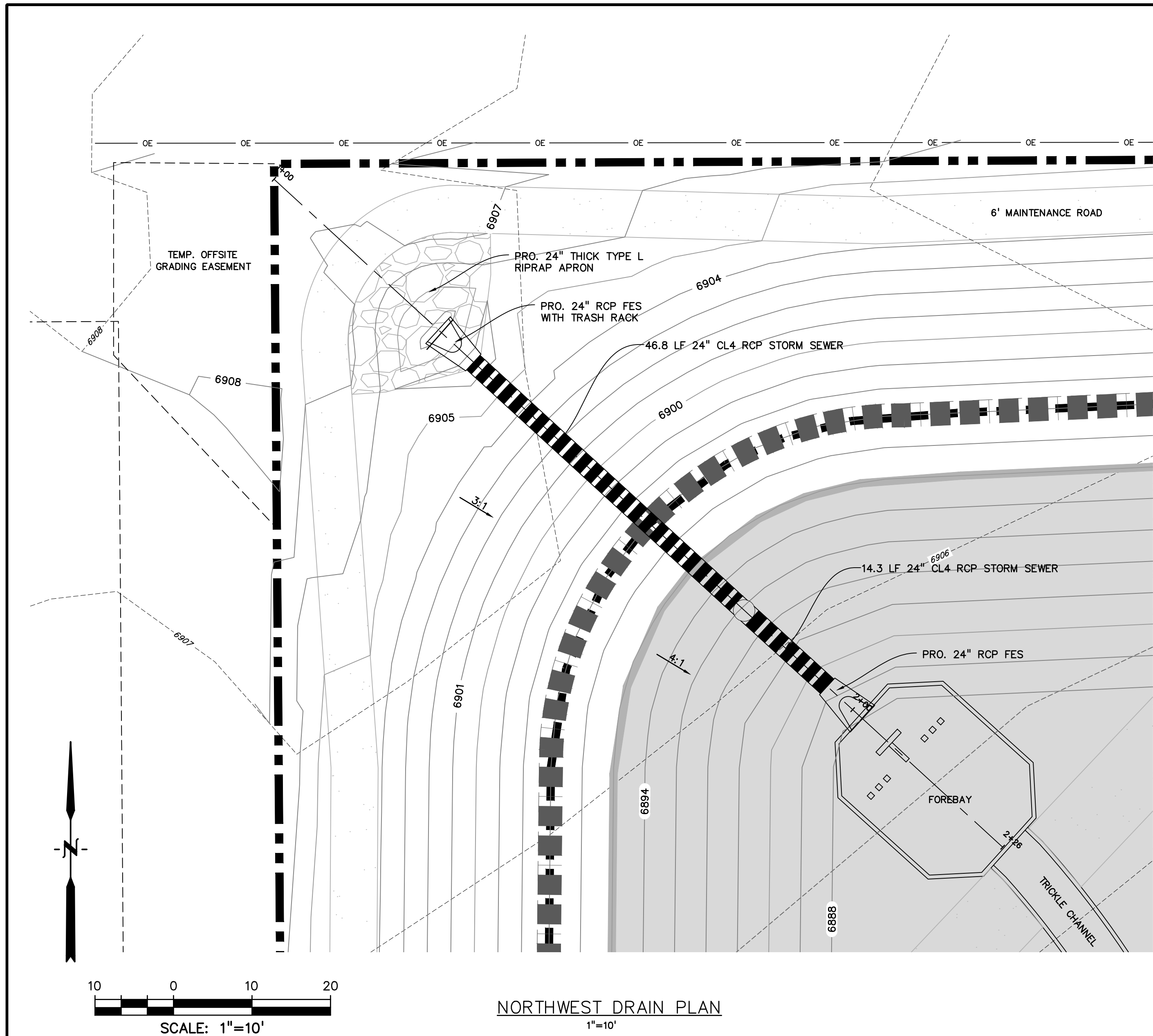
**SUB-REGIONAL
POND #1 (SR4)**

PROJECT NO. 20988-00CSCV
DRAWING NO.

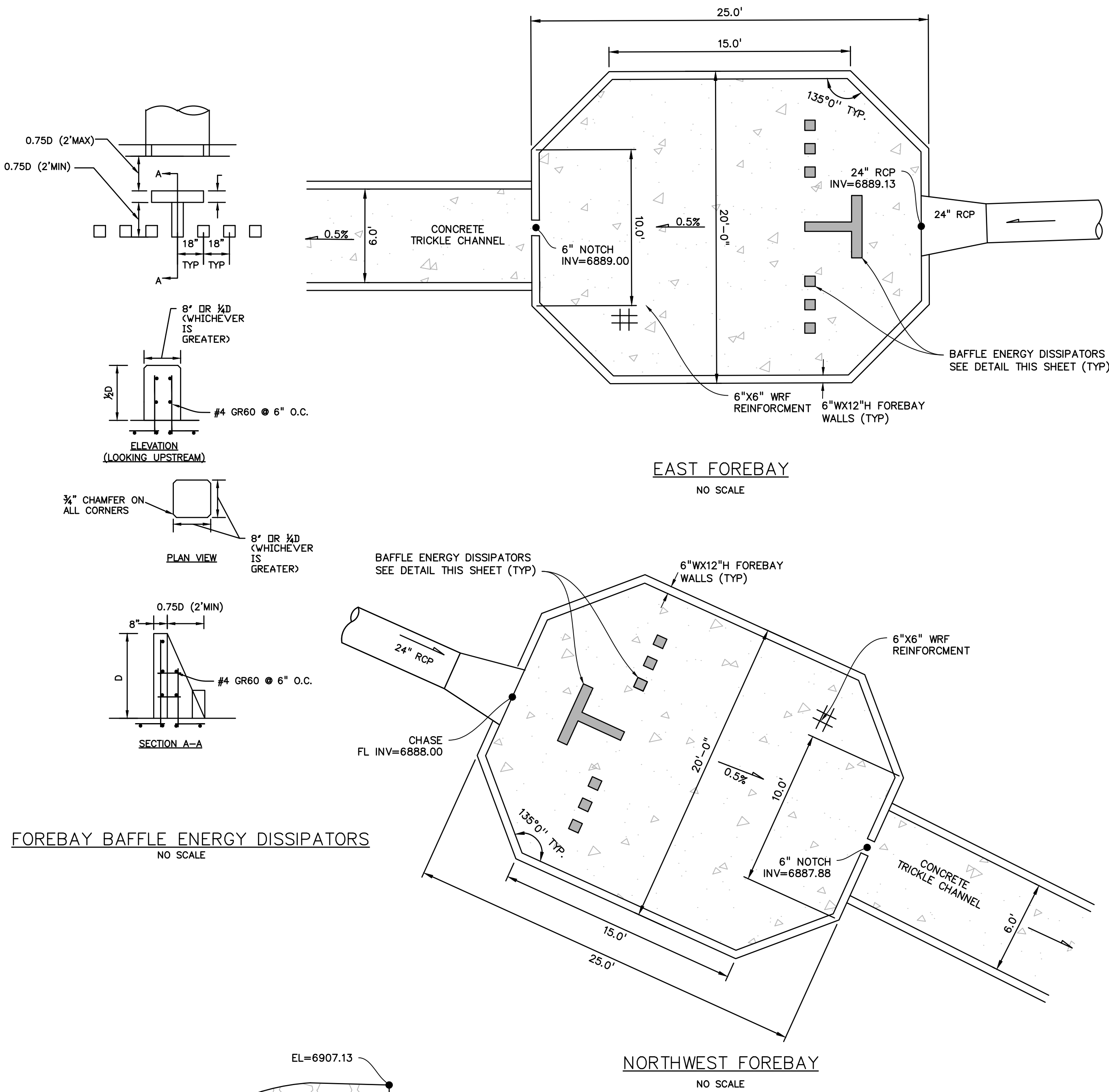
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SHEET: 9 OF 27

EPC 10/21/2020
EL PASO COUNTY FILE NO: SP-17-001
CDR-16-007

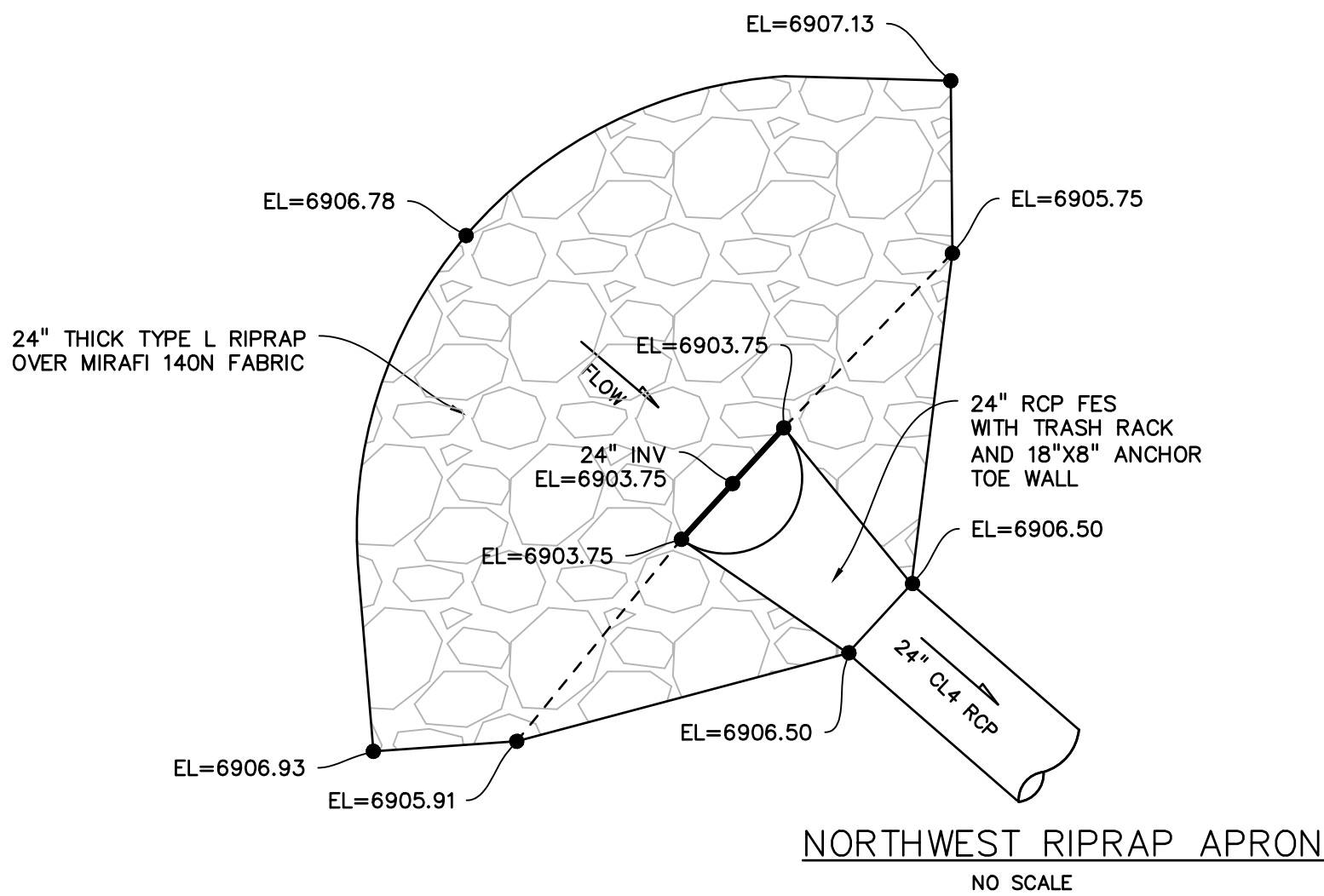


NORTHWEST DRAIN PROFILE
1"=20'



FOREBAY BAFFLE ENERGY DISSIPATORS
NO SCALE

NORTHWEST FOREBAY
NO SCALE



NORTHWEST RIPRAP APRON
NO SCALE

PREPARED BY:

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DESIGNED BY: TDM
DRAWN BY: KGV
CHECKED BY: TDM
FILE NAME:

PREPARED UNDER MY DIRECT
SUPERVISION FOR AND ON BEHALF
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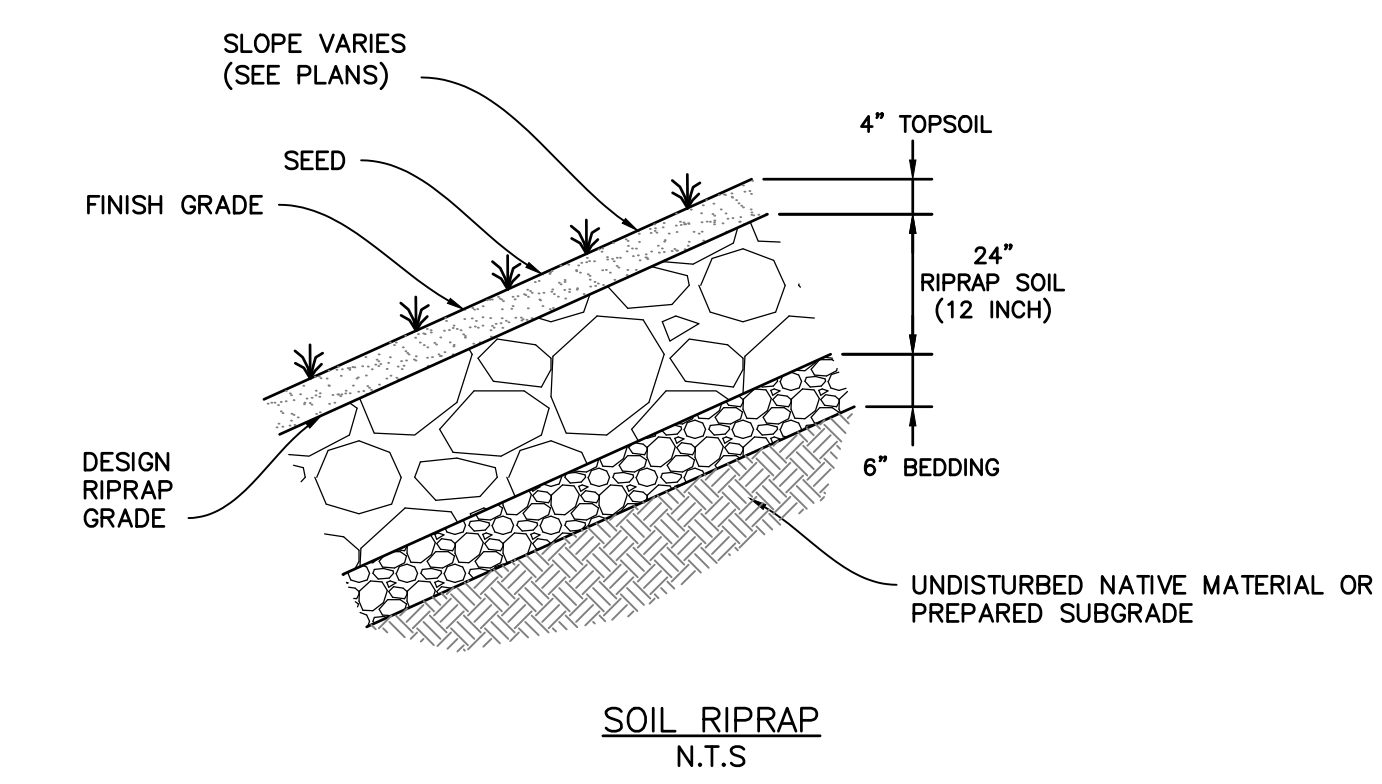
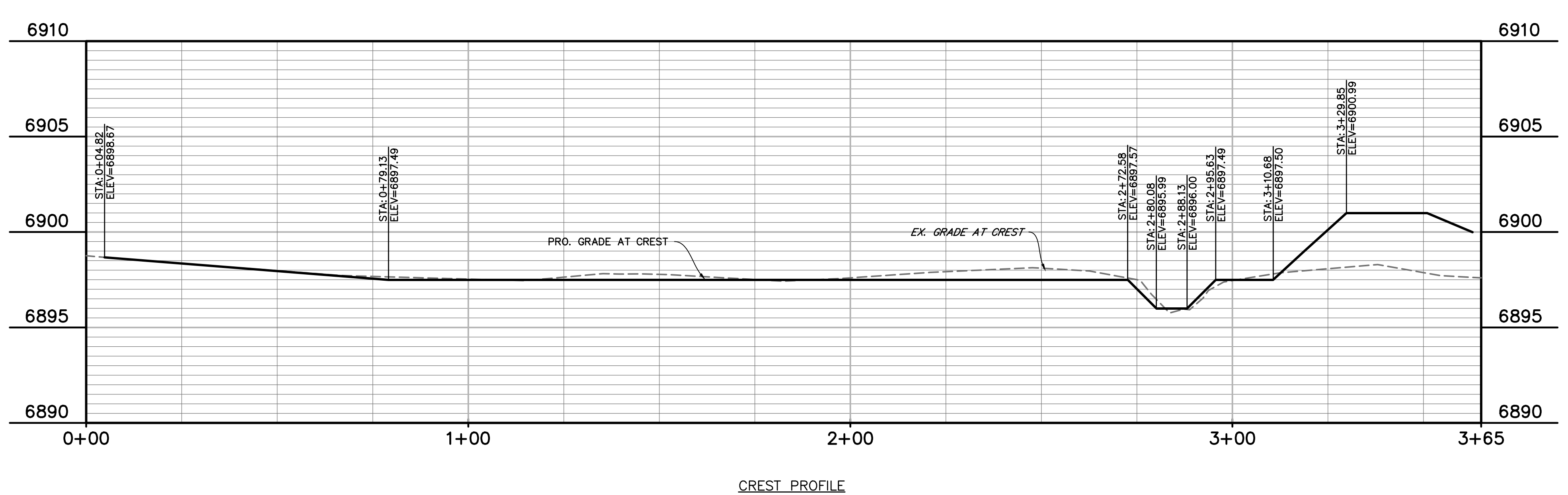
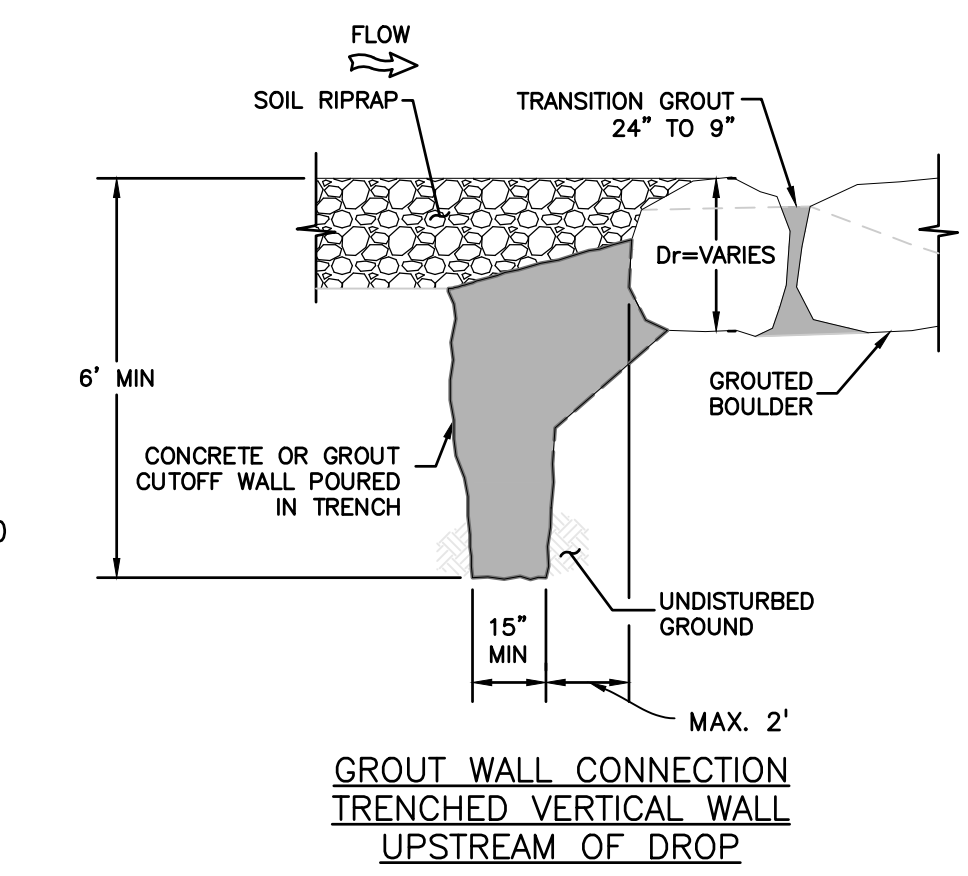
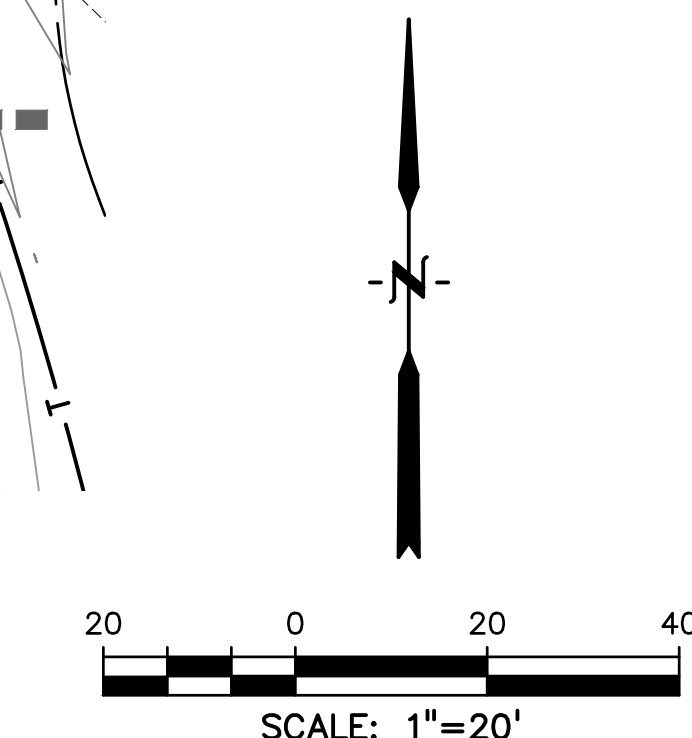
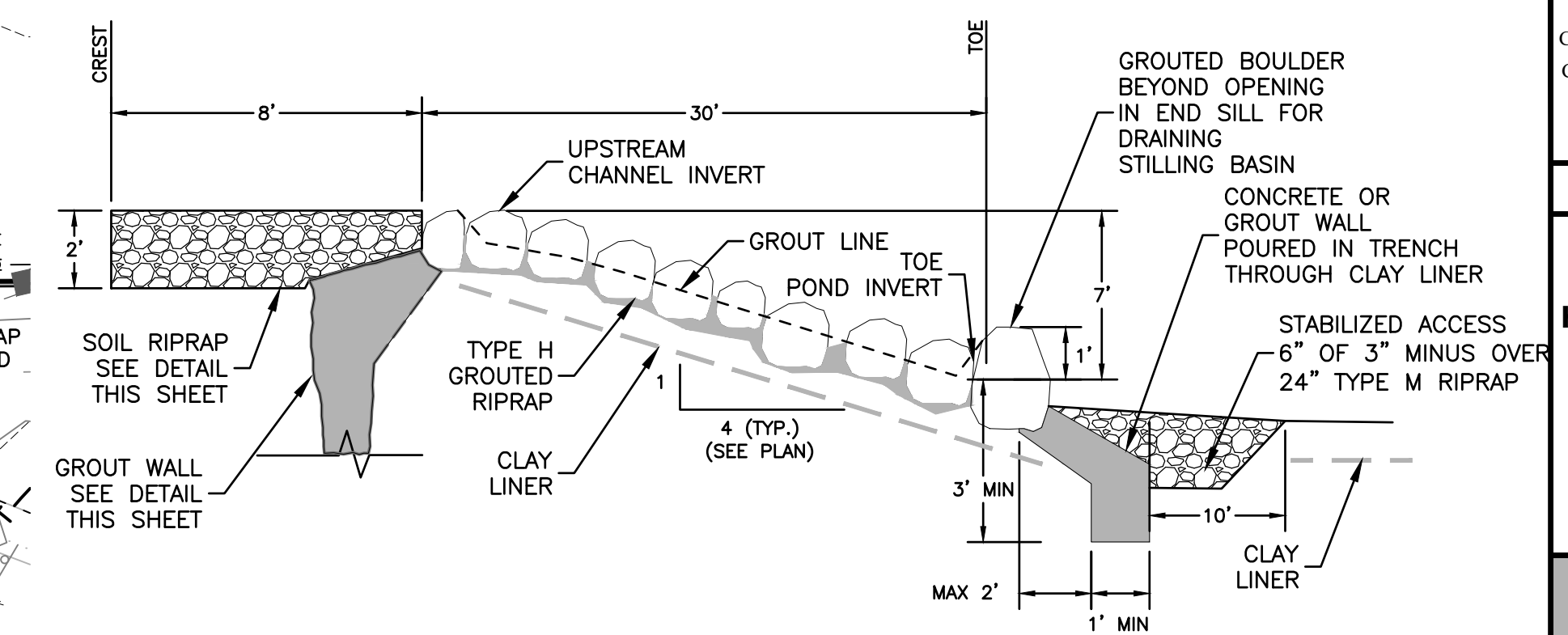
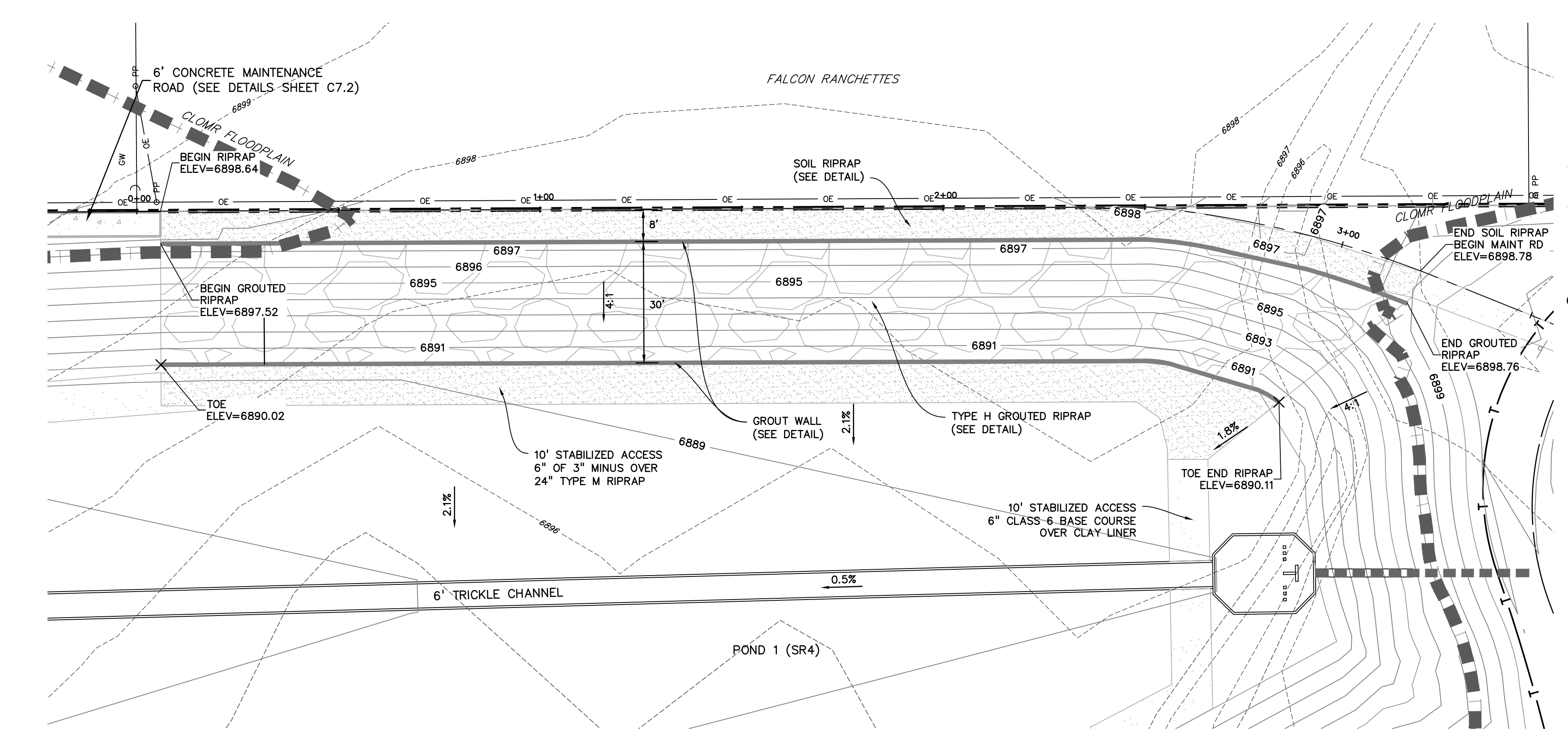
DRAWING SCALE:
HORIZONTAL: N/A
VERTICAL: N/A

**POND #1 (SR4)
DETAILS**

PROJECT NO. 20988-00CSCV
DRAWING NO.

C7.3

SHEET: 10 OF 12



NOTE
REFERENCE UDFCD SPECIFICATION SECTIONS 31 37 00 AND 31 37 19 FOR GROUT, BOULDER AND RIPRAP SPECIFICATIONS, REINFORCEMENT AND INSTALLATION GUIDELINES.

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OVERLOT GRADING, POND SR4 & UTILITY CONSTRUCTION DRAWINGS FOR
FALCON MARKETPLACE
FALCON, COLORADO

ISSUE	DATE
1ST SUBMITTAL	6-20-17
RESUBMITTAL	9-6-18
REVISED	7-24-20
DESIGNED BY:	TDM
DRAWN BY:	KGV
CHECKED BY:	TDM
FILE NAME:	

DESIGNED BY: TDM
DRAWN BY: KGV
CHECKED BY: TDM
FILE NAME:

DRAWING SCALE:
HORIZONTAL: 1"=20'
VERTICAL: N/A

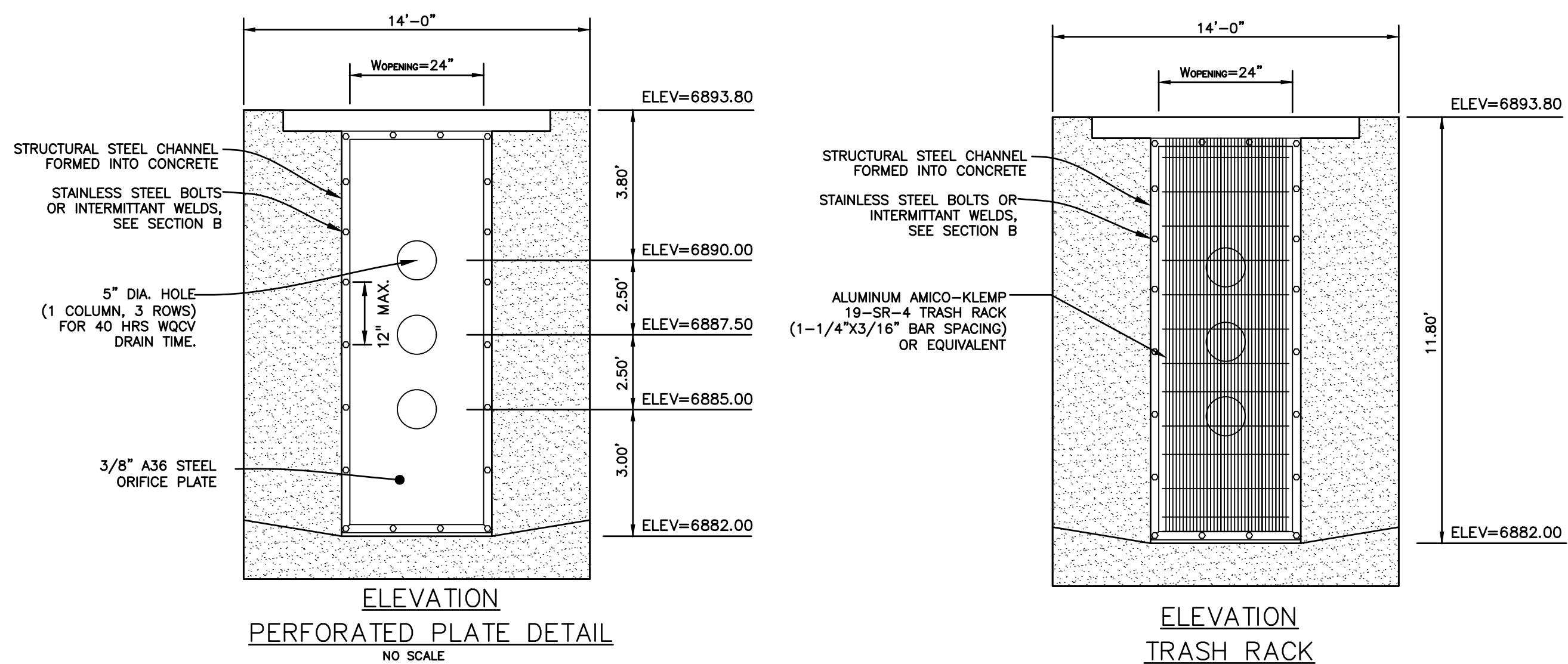
POND #1 (SR4) GROUTED DROP DETAILS

PROJECT NO. 20988-00CSCV
DRAWING NO.

C7.4

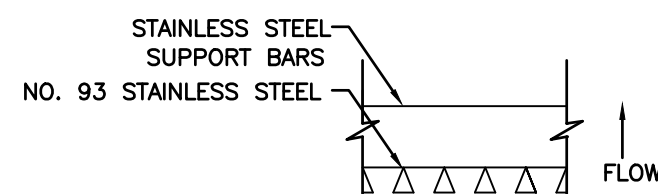
SHEET: 11 OF 12

EPC 10/20/2020
EL PASO COUNTY FILE NO: SP-17-001
CDR-16-007

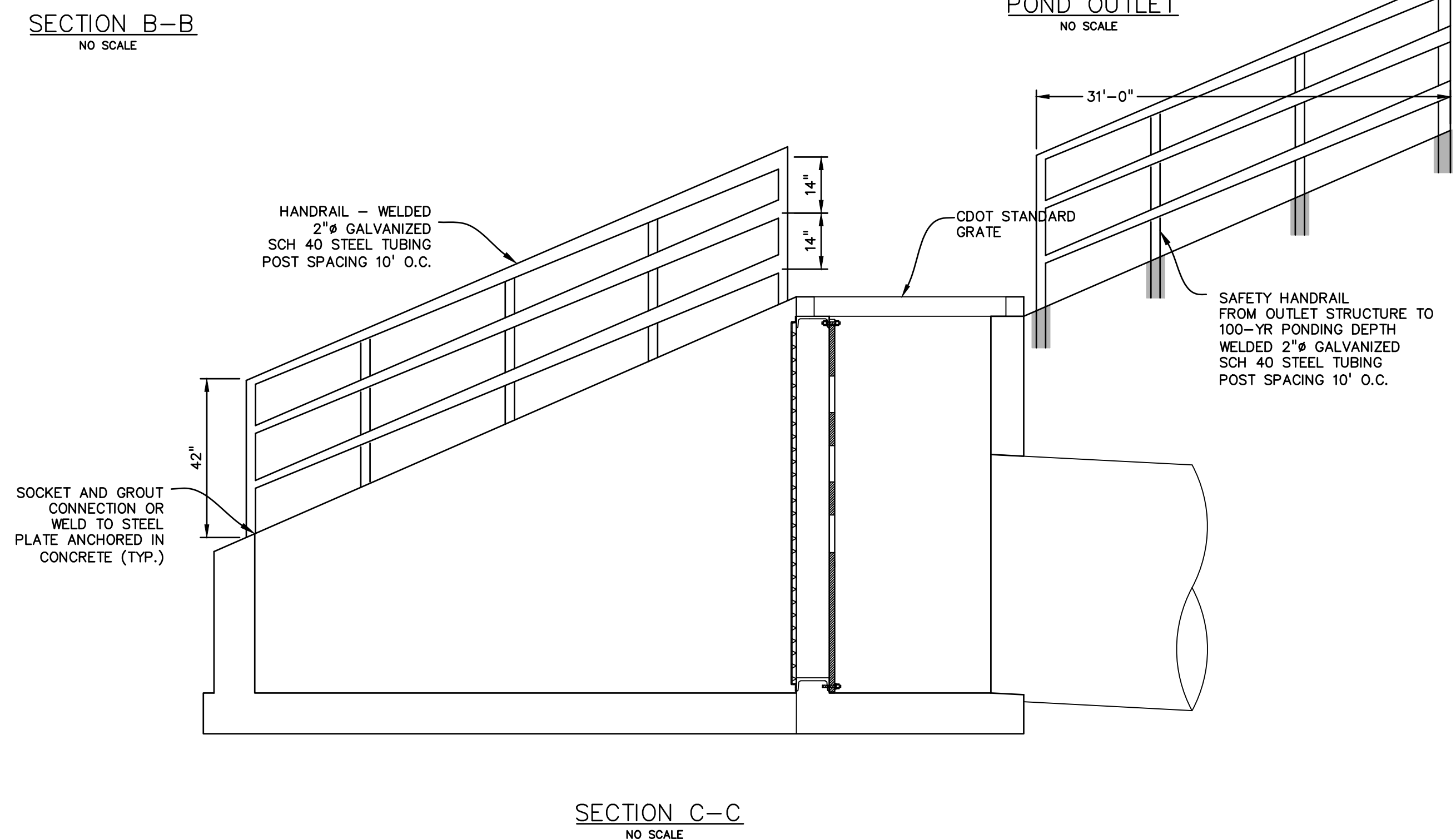
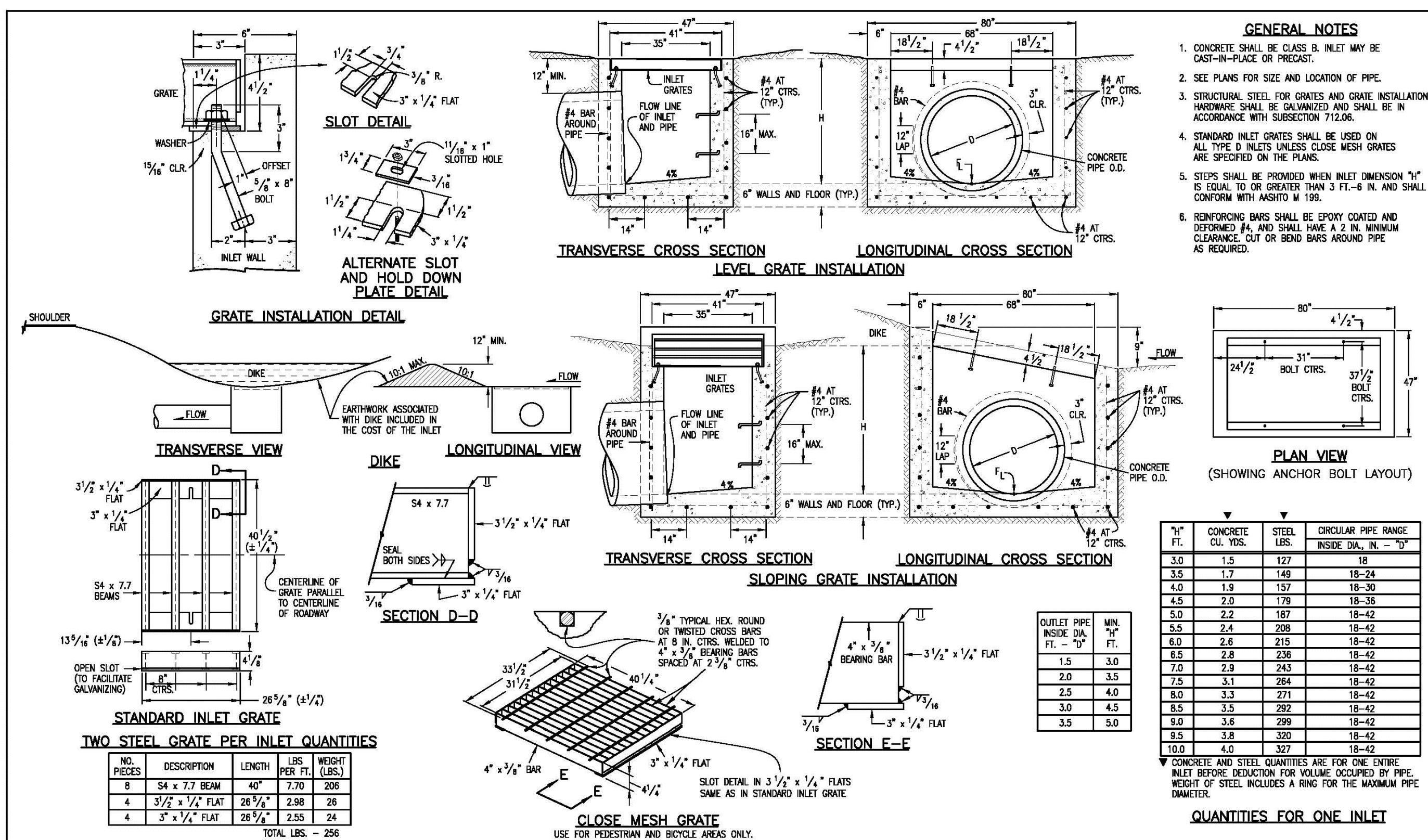
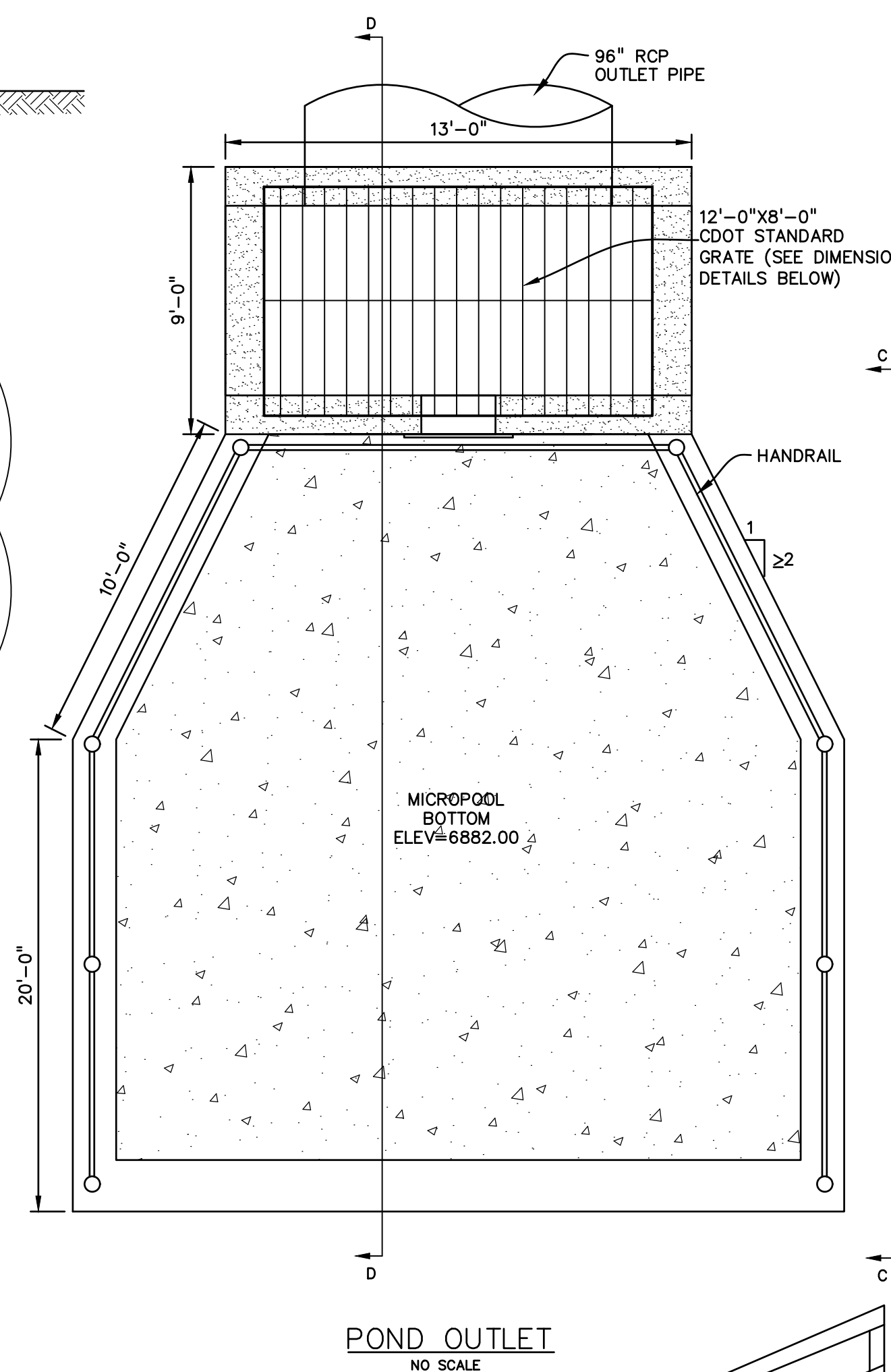
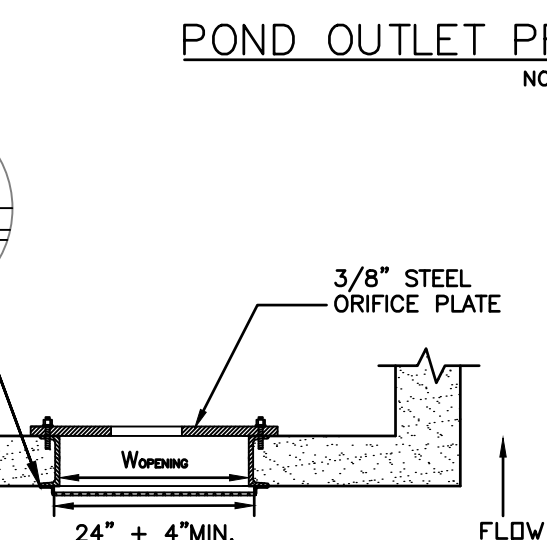
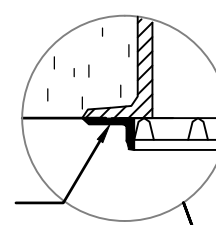


PERFORATED PLATE NOTES:

1. PROVIDE NEOPRENE GASKET MATERIAL OR GROUT BETWEEN THE ORIFICE PLATE AND CONCRETE.
2. BOLT PLATE TO CONCRETE @ 12" MAX. ON CENTER. ORIFICE PLATE IS TO BE REMOVABLE.
3. ALL NON STAINLESS STEEL SURFACES ARE TO BE COATED WITH ZRC COLD GALVANIZING COMPOUND.



WELL-SCREEN FRAME ATTACHED TO CHANNEL BY INTERMITTENT WELDS



Computer File Information		Sheet Revisions		Colorado Department of Transportation 4201 East Arkansas Avenue Denver, Colorado 80222 Phone: (303) 757-9083 Fax: (303) 757-0820	Project Development Branch SRJ/LTA	Issued By: Project Development Branch on July 04, 2006	STANDARD PLAN NO. M-604-11 Sheet No. 1 of 1
Creation Date: 07/04/06	Initials: SJR	CE-2	Date:				
Last Modification Date: 07/04/06	Initials: LTA	CE-2	Comments:				
Full Path: www.dot.state.co.us/DesignSupport/		CE-2					
Drawing File Name: 6040110101.dwg		CE-2					

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OVERLOT GRADING, POND SR4 & UTILITY CONSTRUCTION DRAWINGS FOR
FALCON MARKETPLACE
FALCON, COLORADO

ISSUE	DATE
1ST SUBMITTAL	6-20-17
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REVISED	7-24-20

DESIGNED BY: TDM
DRAWN BY: KGV
CHECKED BY: TDM
FILE NAME:

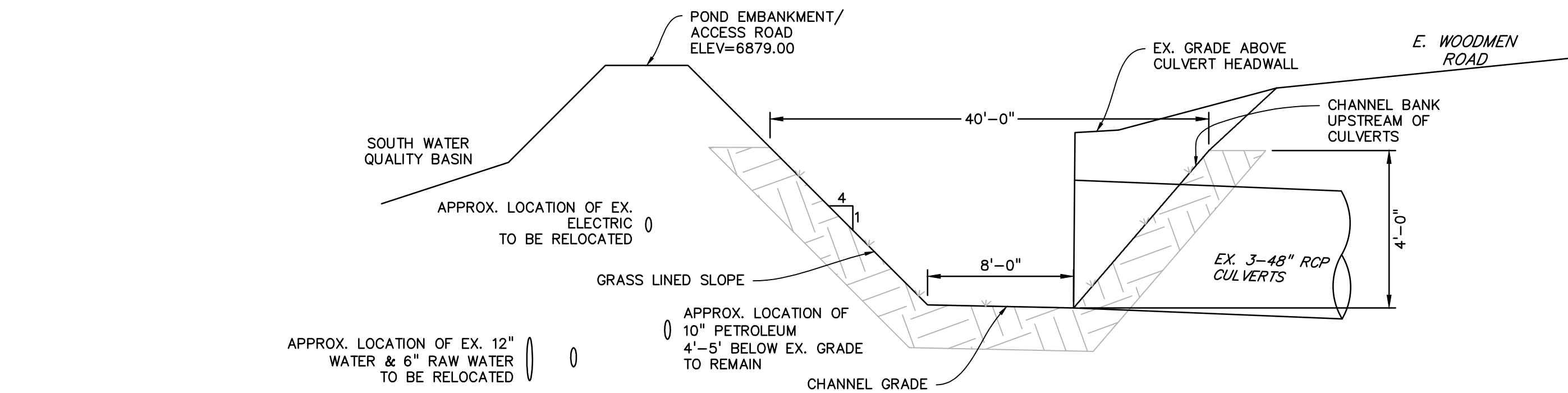
DRAWING SCALE:
HORIZONTAL: N/A
VERTICAL: N/A

POND #1 (SR4) DETAILS

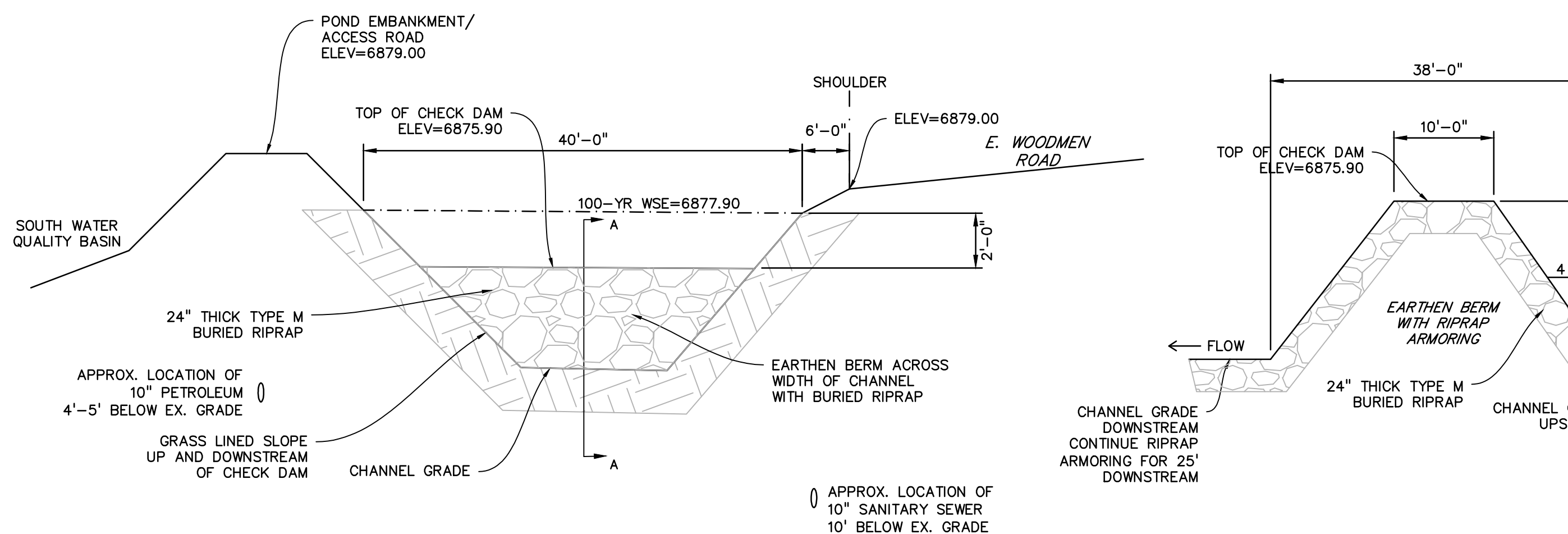
PROJECT NO. 20988-00CSCV
DRAWING NO.

C7.5

SHEET: 12 OF 12

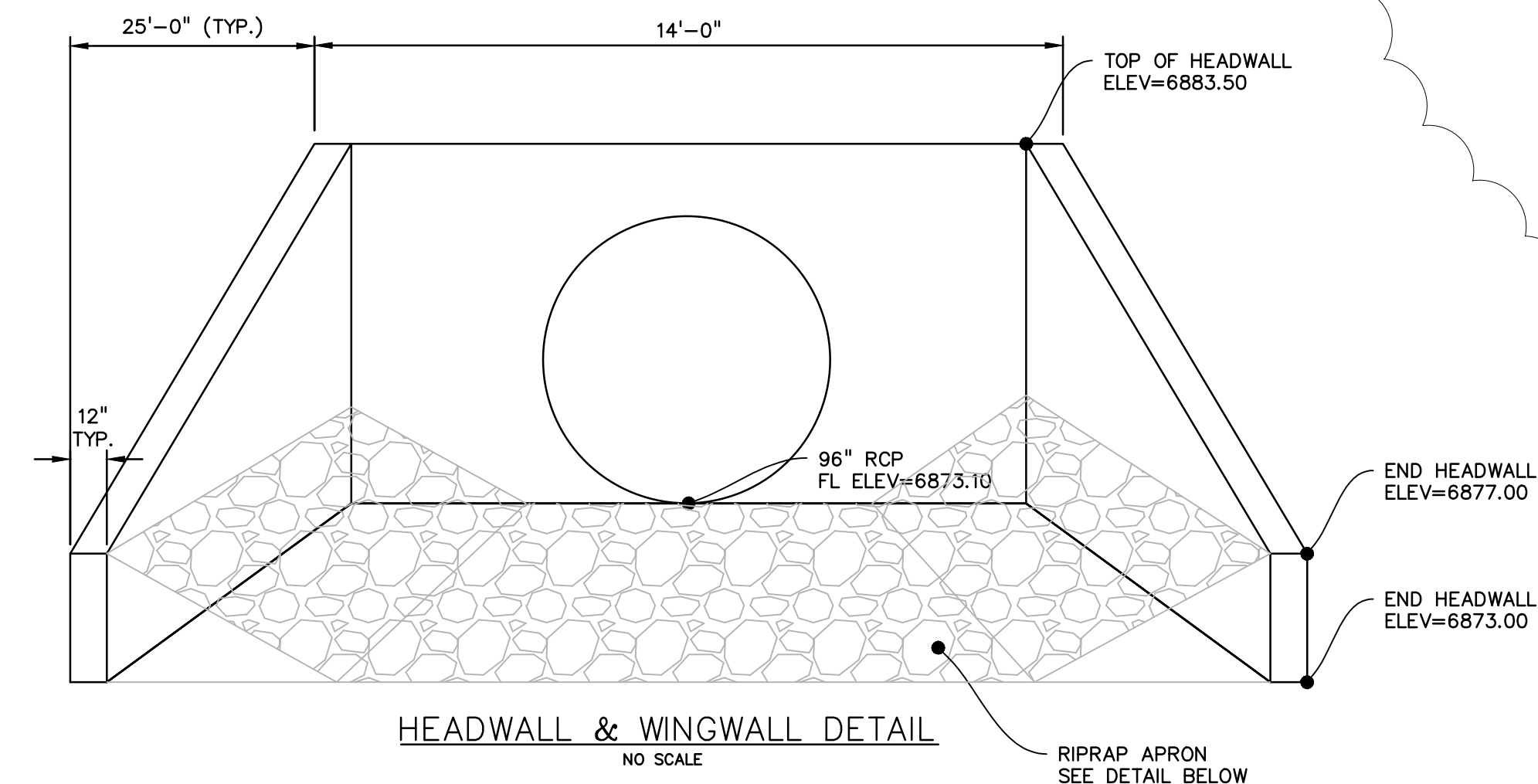


OPEN CHANNEL SECTION B-B (SHEET C7.1)
NO SCALE

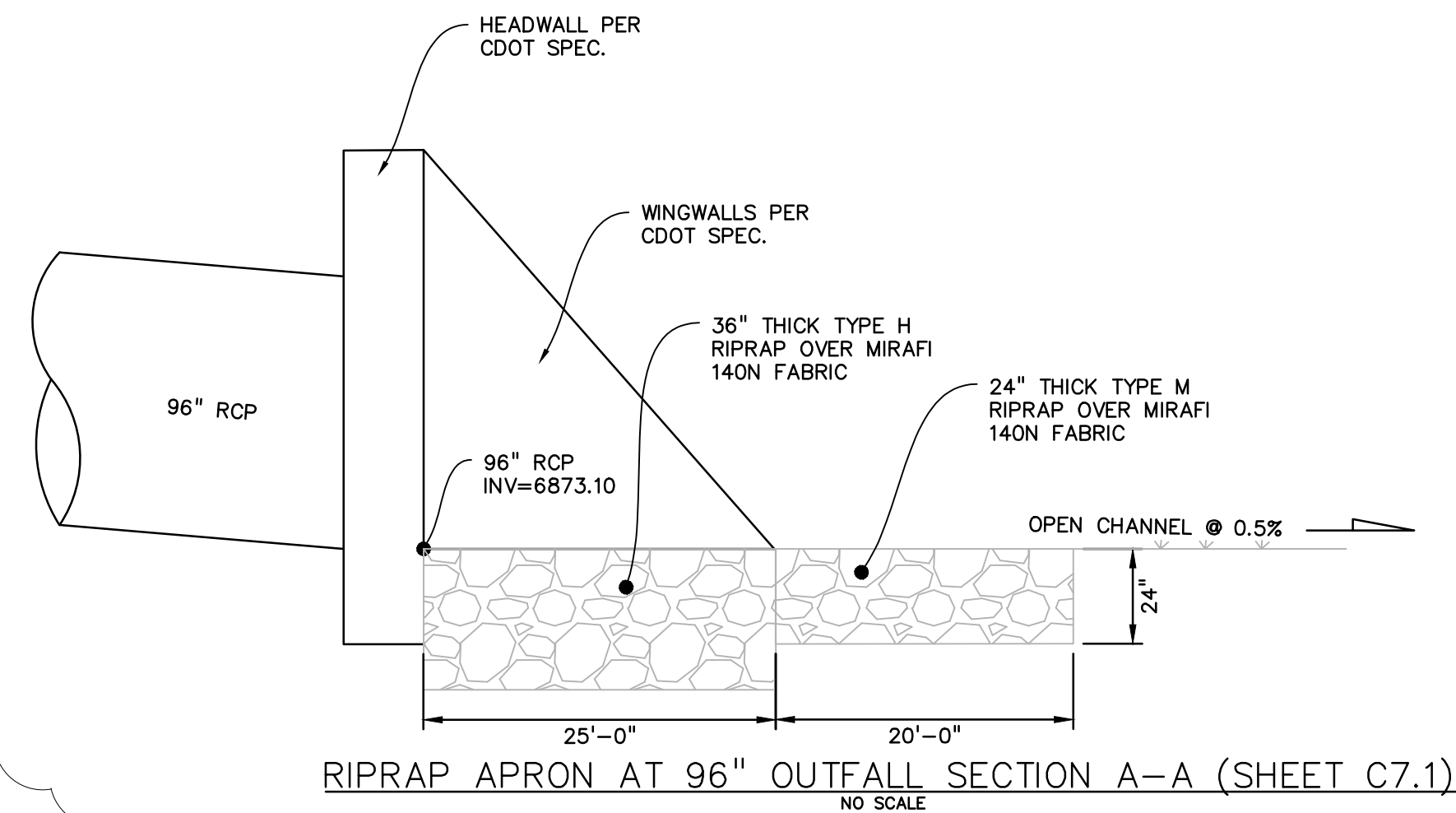


CHECK DAM SECTION C-C (SHEET C7.1)
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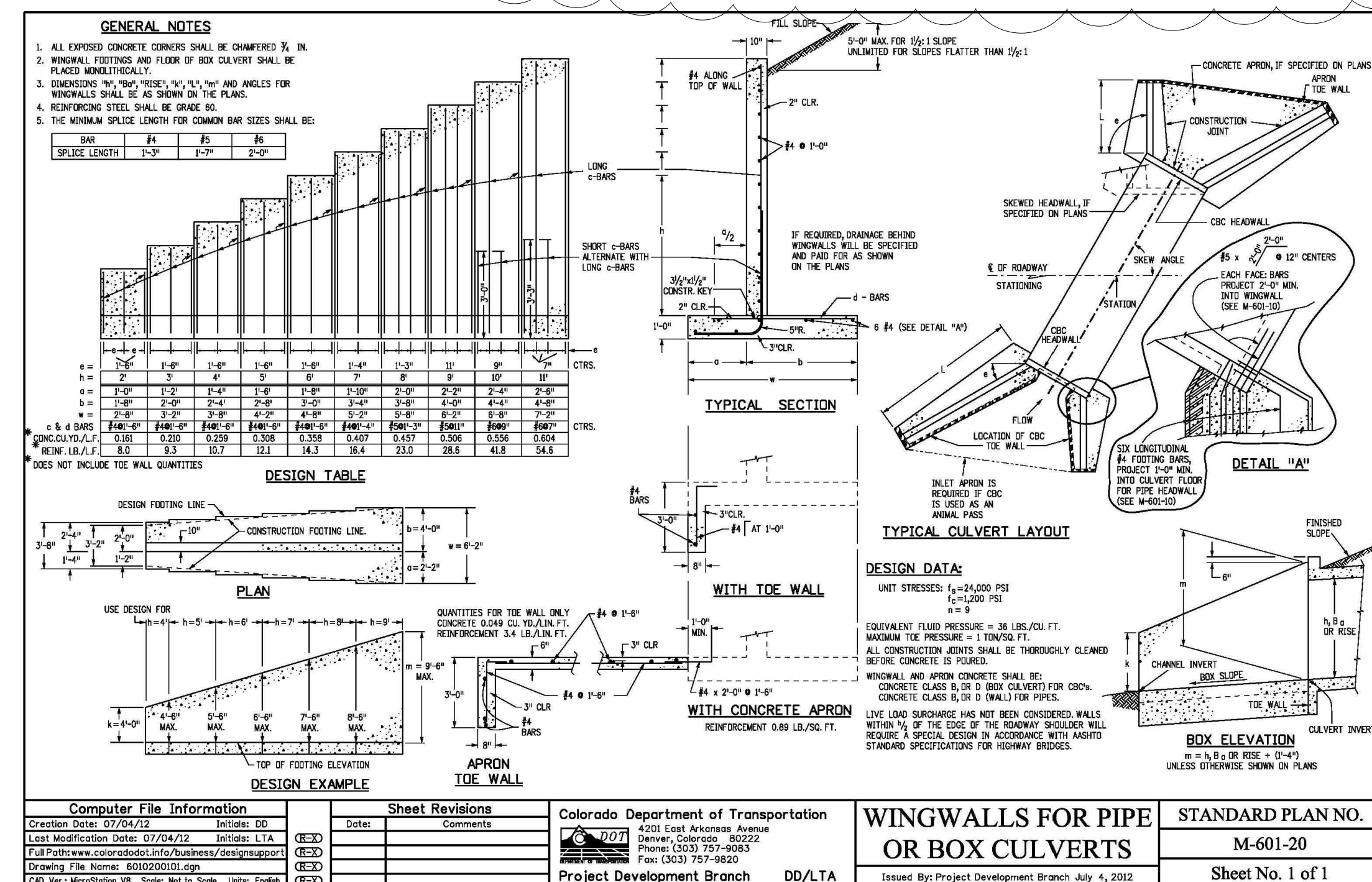
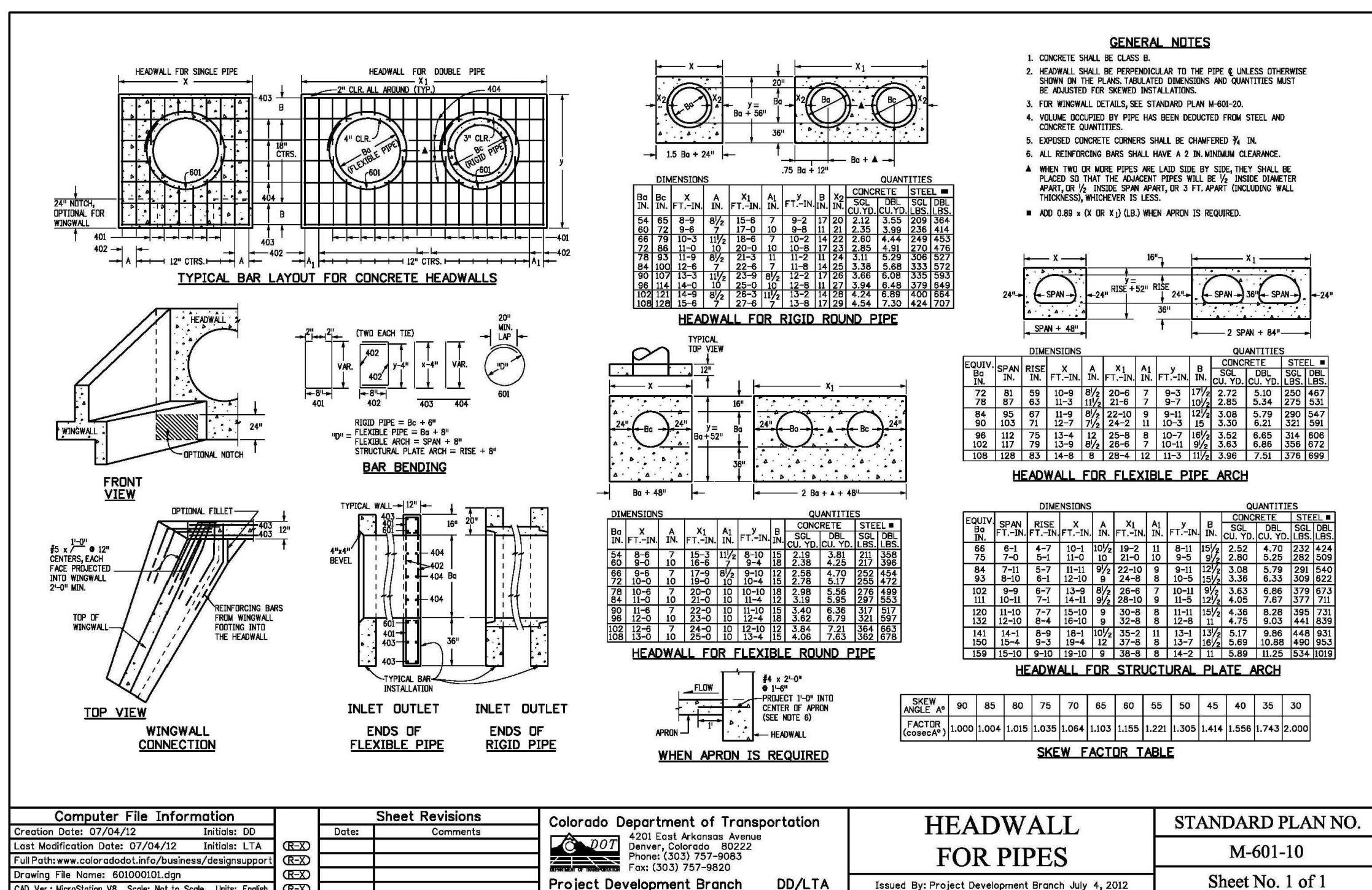
CHECK DAM SECTION A-A-A
NO SCALE



HEADWALL & WINGWALL DETAIL
NO SCALE



RIPRAP APRON AT 96" OUTFALL SECTION A-A (SHEET C7.1)
NO SCALE



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OVERLOT GRADING, POND, SR4 & UTILITY
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FALCON MARKETPLACE
FALCON, COLORADO

ISSUE	DATE
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RESUBMITTAL	9-6-18
REVISED	7-24-20
REVISED	11-4-20

DESIGNED BY: TDM
DRAWN BY: KGV
CHECKED BY: TDM
FILE NAME:

PREPARED UNDER MY DIRECT SUPERVISION FOR AND ON BEHALF OF DREXEL, BARRELL & CO.

DRAWING SCALE:
HORIZONTAL: N/A
VERTICAL: N/A

OPEN CHANNEL DETAILS

PROJECT NO. 20988--00CSCV
DRAWING NO.

C7.6

SHEET: 13 OF 27

PREPARED BY:



DREXEL, BARRELL & CO.
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OVERLOT GRADING, POND SR4 & UTILITY
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MARKETPLACE
FALCON, COLORADO

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REVISED	7-24-20
DESIGNED BY:	TDM
DRAWN BY:	KGW
CHECKED BY:	TDM
FILE NAME:	



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OF DREXEL, BARRELL & CO.

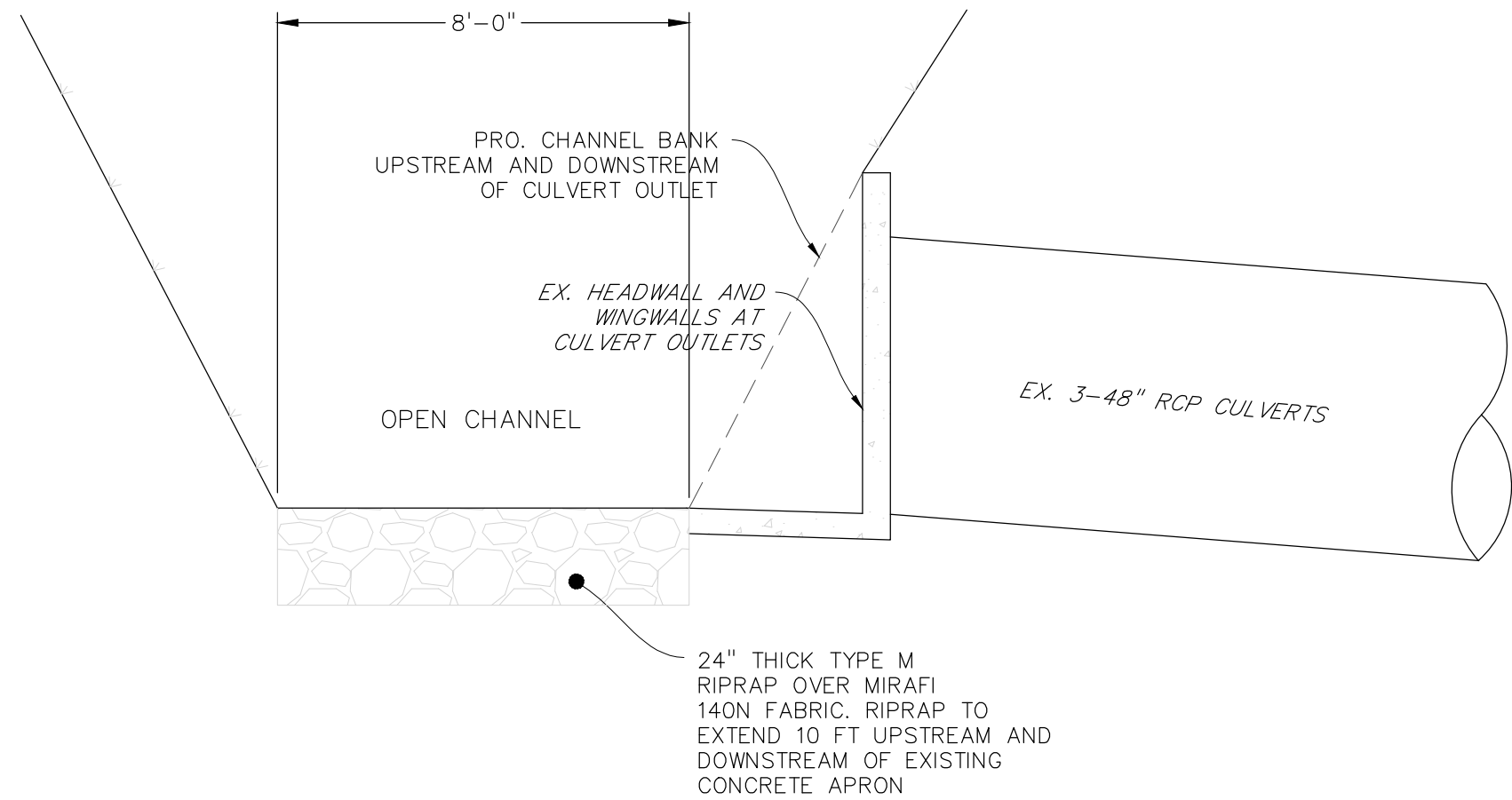
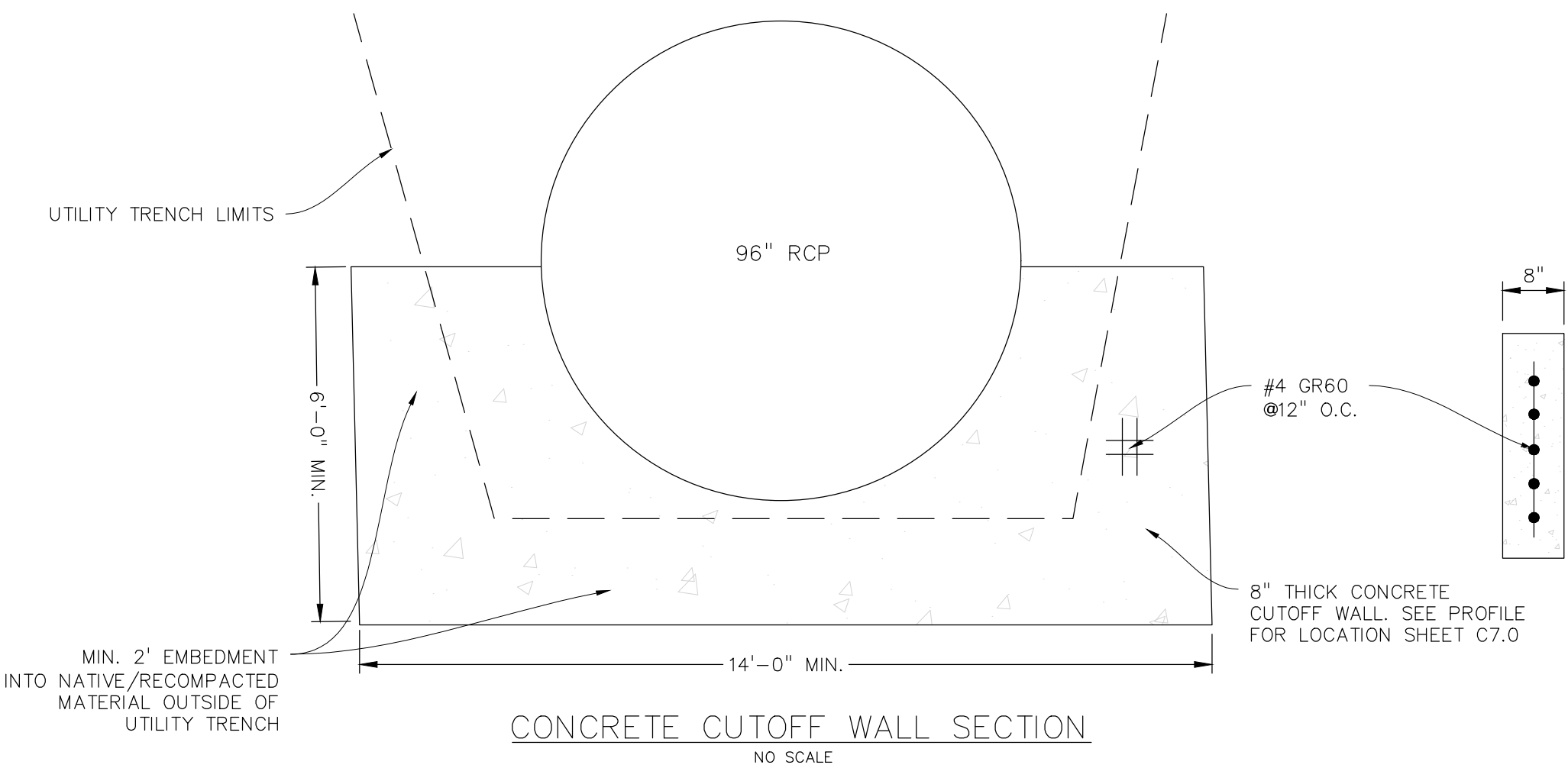
DRAWING SCALE:
HORIZONTAL: N/A
VERTICAL: N/A

STORM SEWER
DETAILS

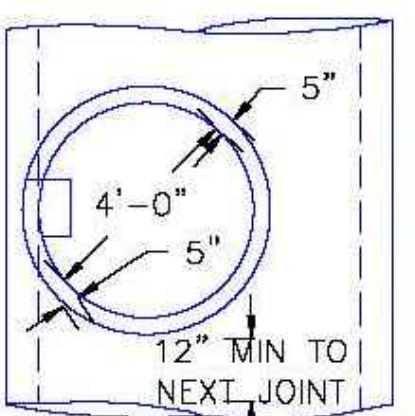
PROJECT NO. 20988-00CSCV
DRAWING NO.

C7.7

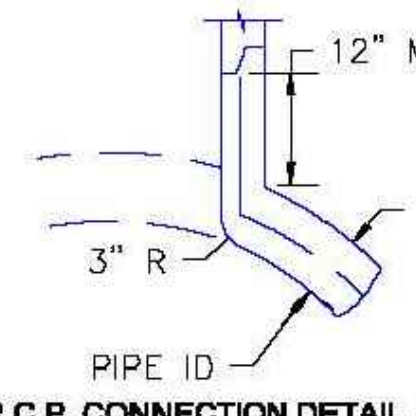
SHEET: 14 OF 27



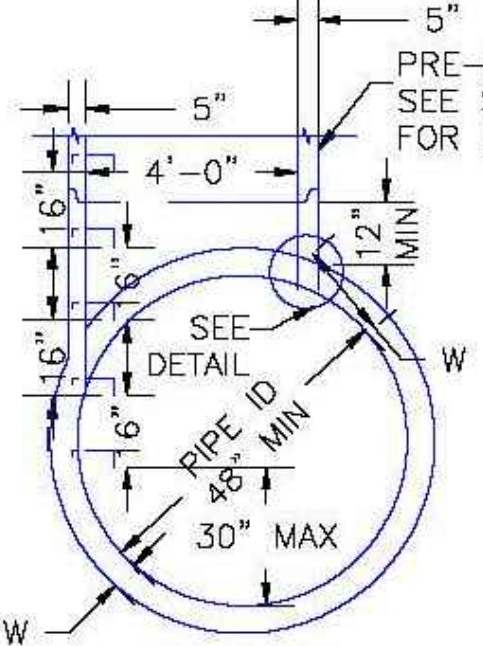
RIPRAP OUTLET PROTECTION AT EXISTING CULVERTS
SECTION B-B & E-E (SHEET C7.1)
NO SCALE



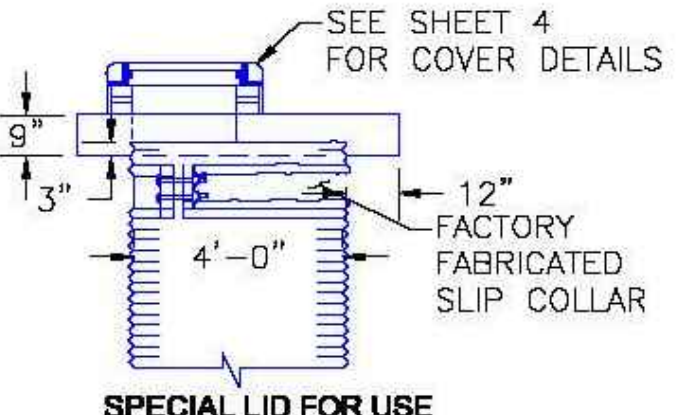
PLAN VIEW



R.C.P. CONNECTION DETAIL



SECTION VIEW



SPECIAL LID FOR USE WITH C.S.P. RISER

NOTE

TYPE III MANHOLES SHALL BE USED WHEN APPROPRIATE AND TYPICALLY WHEN THE FOLLOWING CONDITIONS ARE MET:

A. PIPE IS 48" OR LARGER INSIDE DIAMETER.
B. NOT CHANGE IN PIPE SIZE
C. NO CHANGE IN PIPE MATERIAL
D. NO CHANGE IN HORIZONTAL ALIGNMENT
E. SLOPE IS FLAT AND CONTINUOUS


2. TYPE III MANHOLES SHALL BE FABRICATED BY THE MANUFACTURER/SUPPLIER AND DELIVERED TO THE SITE AS A SINGLE UNIT. FIELD FABRICATION SHALL NOT BE PERMITTED.

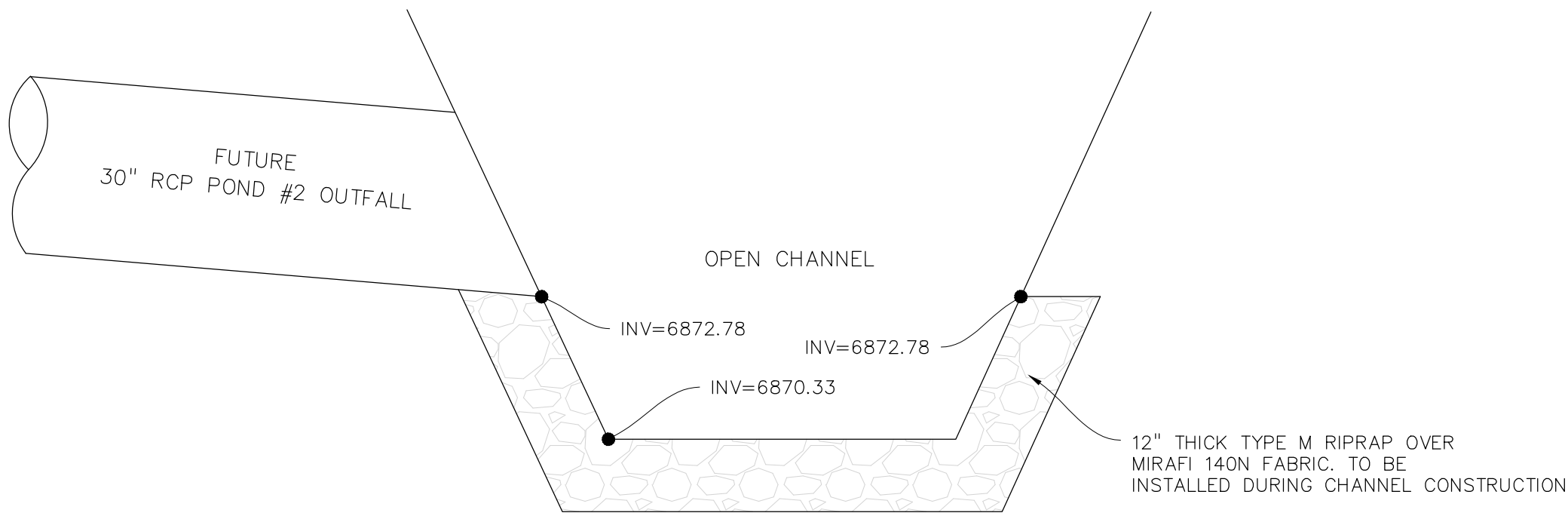
3. EITHER LADDER OR STEPS SHALL BE INSTALLED. LOWEST STEP SHALL BE A MAXIMUM OF 30" ABOVE THE INVERT OF THE PIPE.

SCALE: NOT TO SCALE

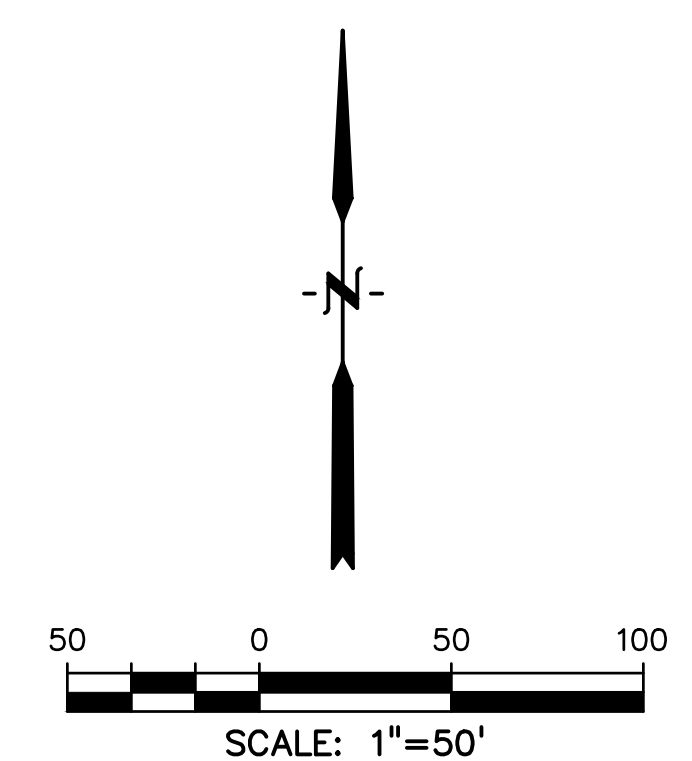
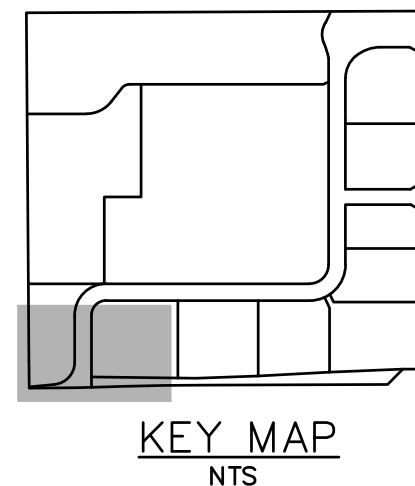
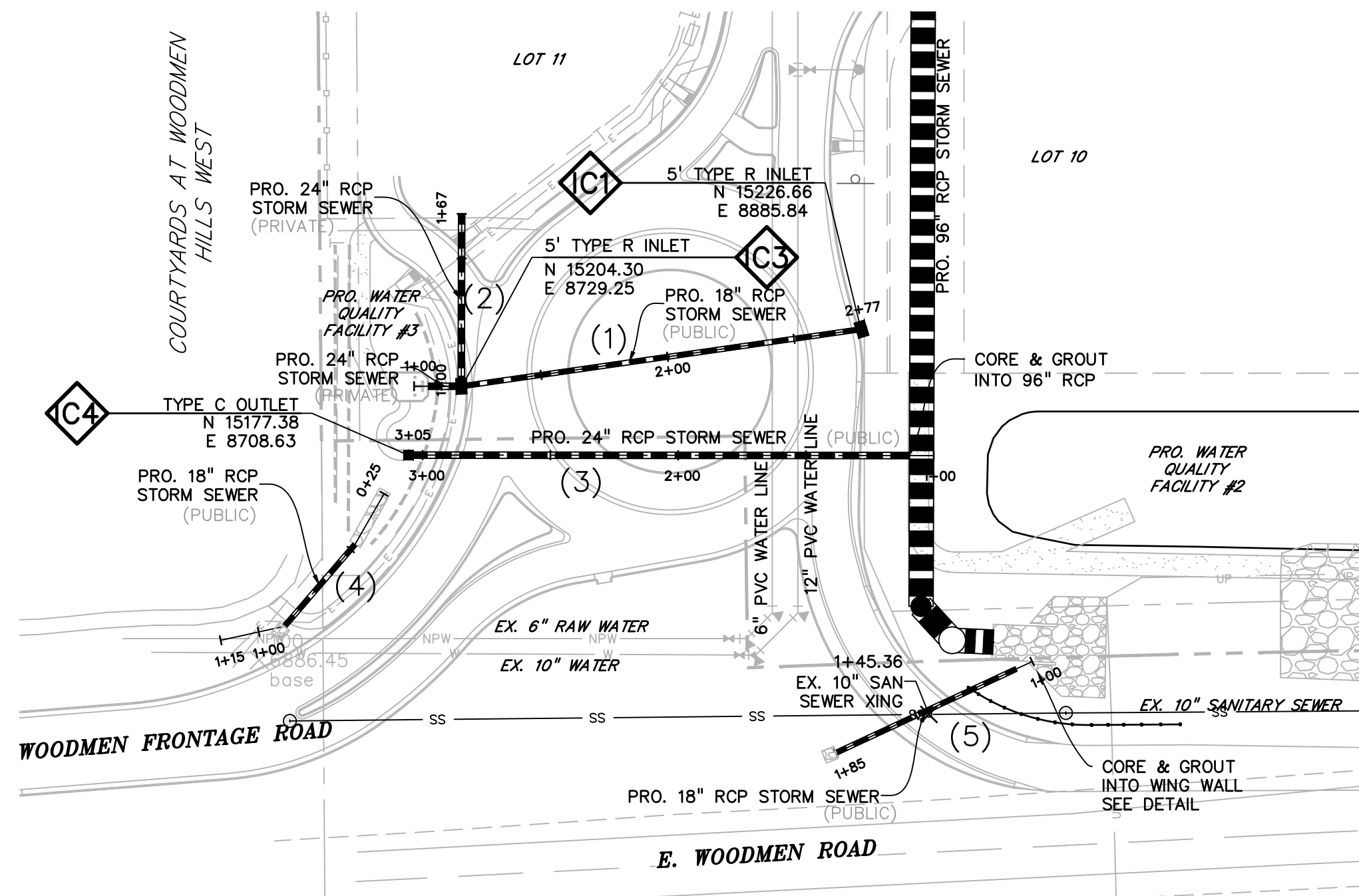
8/11/11
DATE APPROVED:
André P. Brackin
DEPARTMENT OF TRANSPORTATION

Storm Sewer Manhole Detail
Type III
Standard Drawing
REVISION DATE: 11/10/04
FILE NAME: SD_3-3



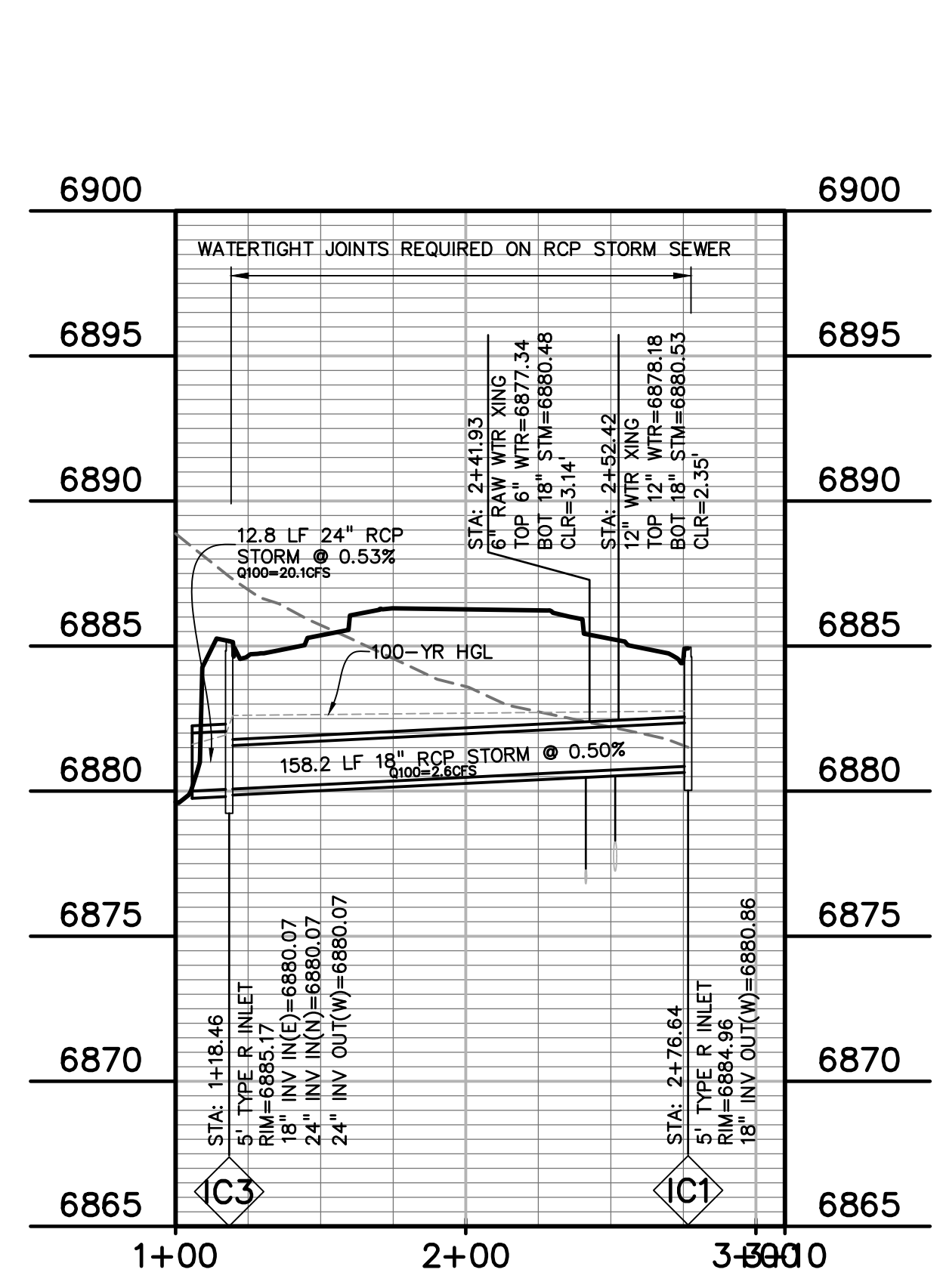


POND #2 OUTFALL TO OPEN CHANNEL
SECTION D-D (SHEET C7.1)
NO SCALE

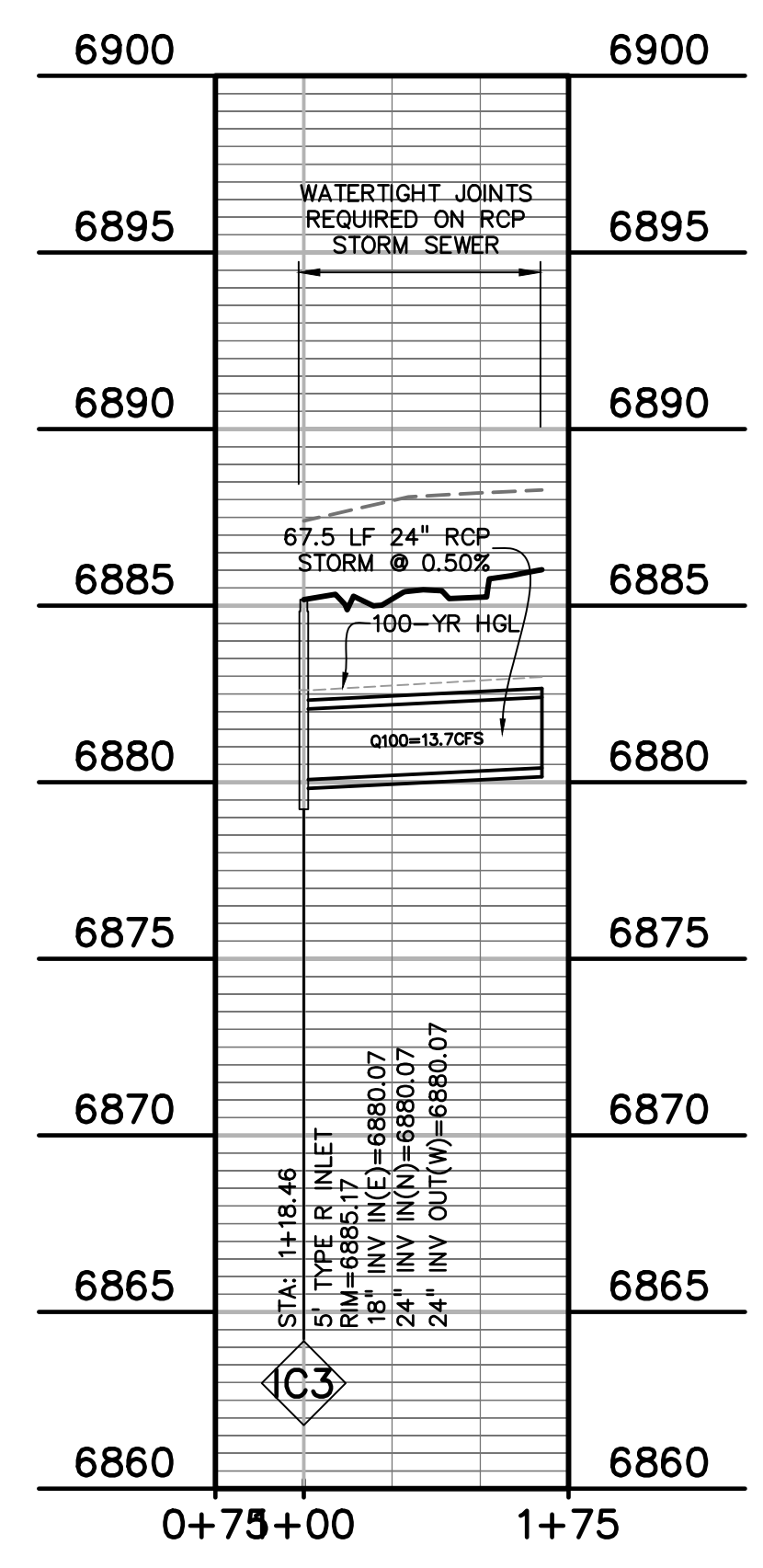


LEGEND

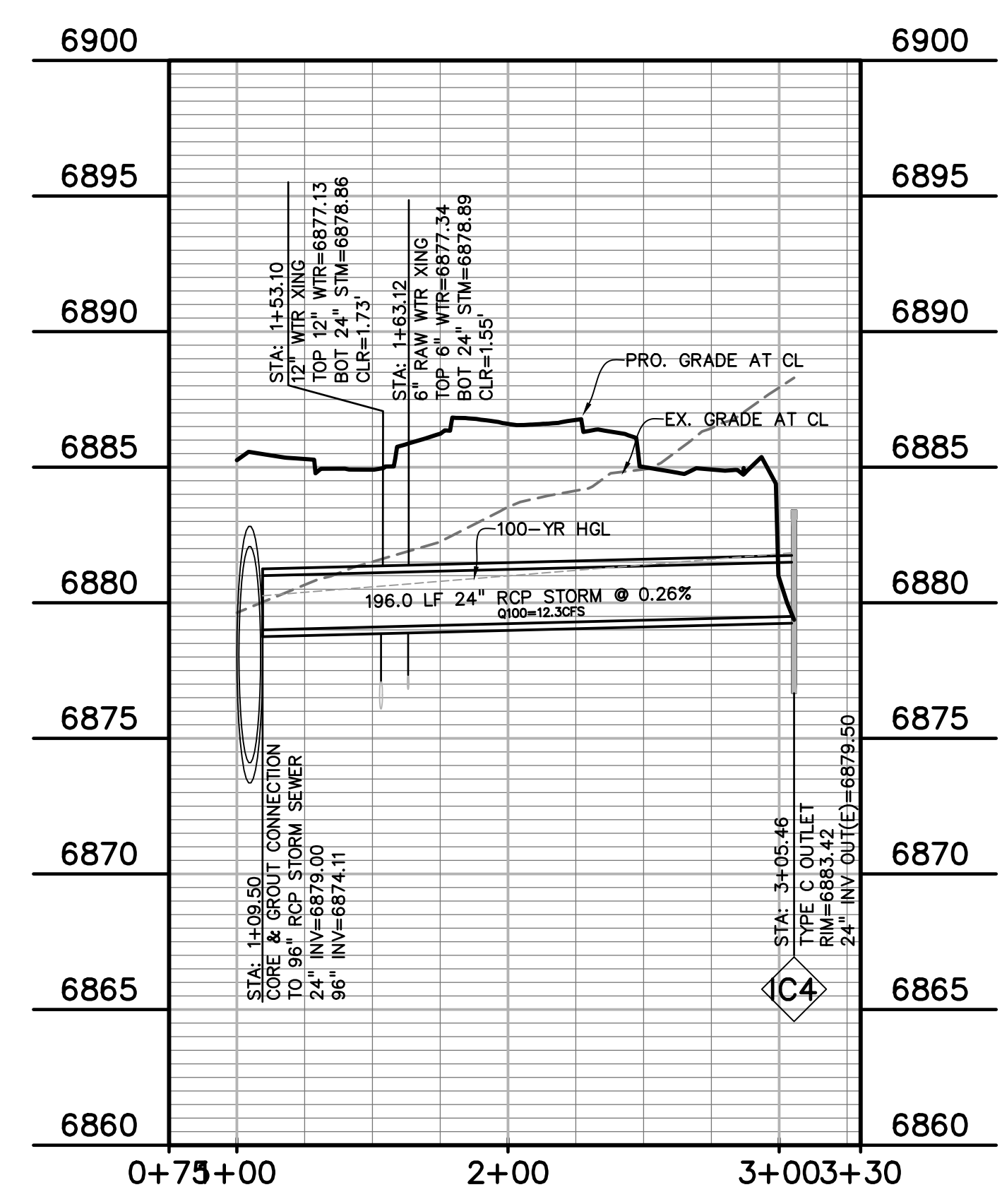
PROPERTY LINE	---
LOT LINE	----
EASEMENT	- - - -
CURB & GUTTER	=====
SEWALK	=====
PRO. WATER LINE	.....
PRO. FIRE HYDRANT	.....
PRO. RAW WATER	.....
PRO. SANITARY SEWER	.....
PRO. STORM SEWER	.....
EX. OVERHEAD ELECTRIC	.....
EX. SANITARY SEWER	.....
EX. PETROLEUM	.....
EX. GAS	.....
EX. RAW WATER	.....
EX. WATER	.....
EX. STORM SEWER	.....



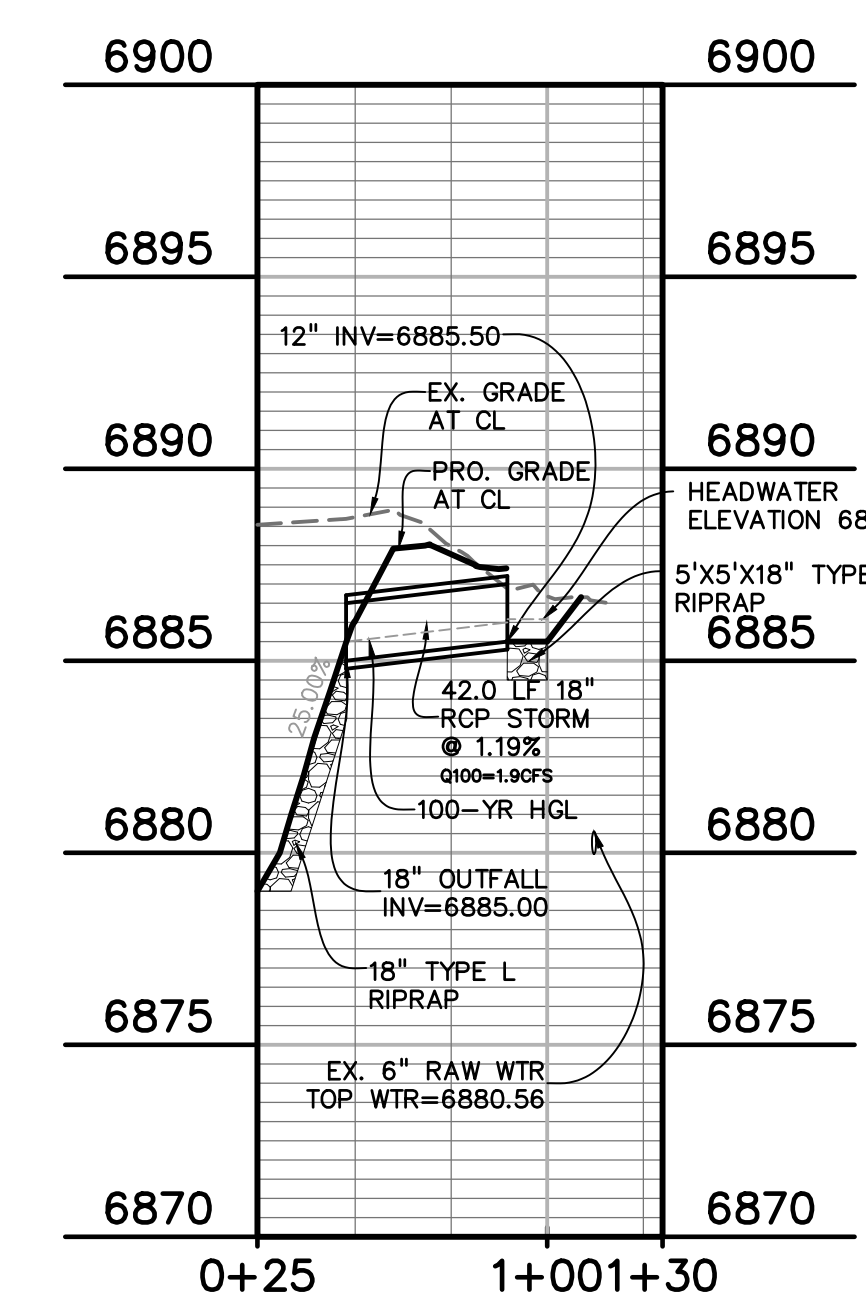
(1) POND #3 INFLOW AND OUTFLOW



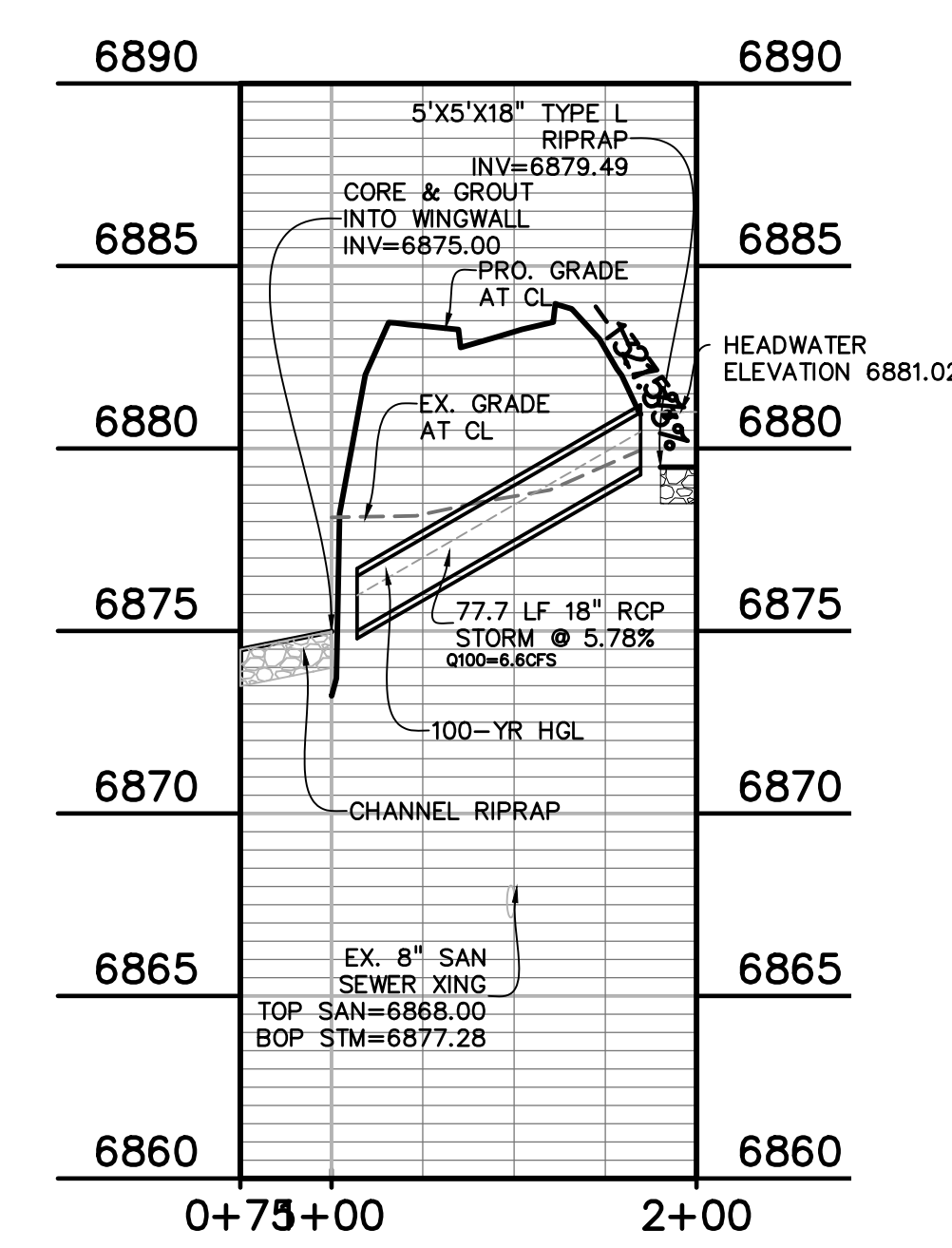
(2) STUB TO LOT 11



(3) POND #3 OUTFALL TO 96"



(4) POND #3 INFLOW (SW)



(5) CULVERT - E. WOODMEN RD. RI

EPC 10/20/2020
EL PASO COUNTY FILE # SF-19-001

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CONSTRUCTION DRAWINGS FOR

FALCON MARKETPLACE
FALCON, COLORADO

ISSUE	DATE
90% SUBMITTAL	5-6-19
REVISED	9-23-20

DESIGNED BY:	TDM
DRAWN BY:	KGV
CHECKED BY:	TDM
FILE NAME:	

DRAWING SCALE:
HORIZONTAL: 1"=50'
VERTICAL: 1"=5'

STORM SEWER PLAN & PROFILE

PROJECT NO. 20988-00CSCV
DRAWING NO.

C7.13

SHEET: 42 OF 48