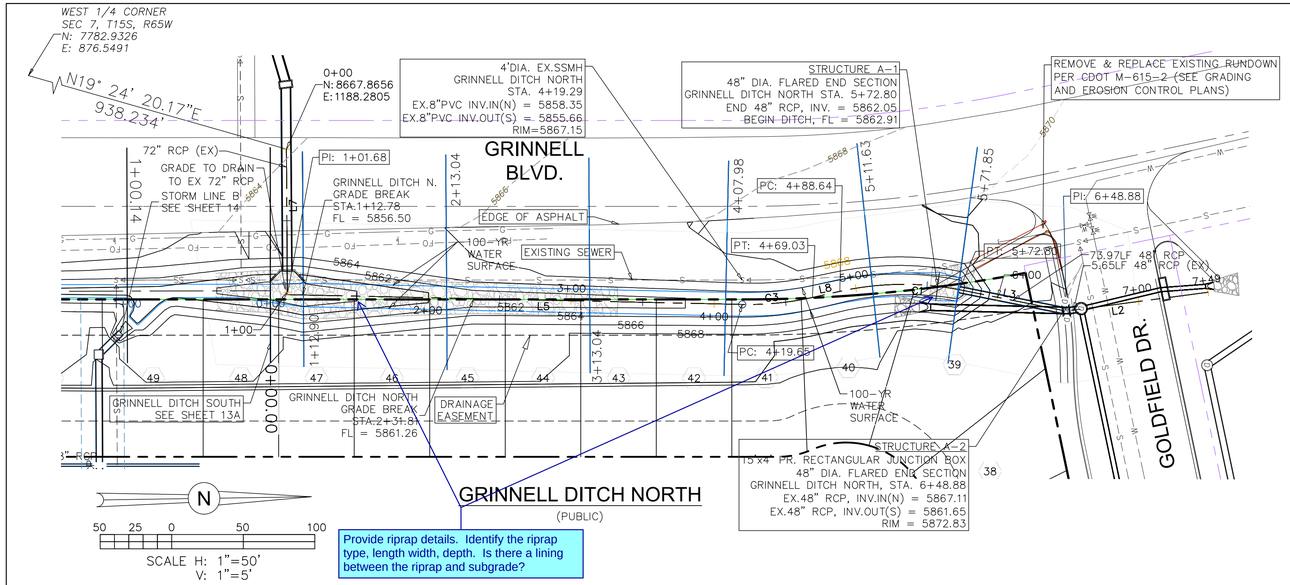
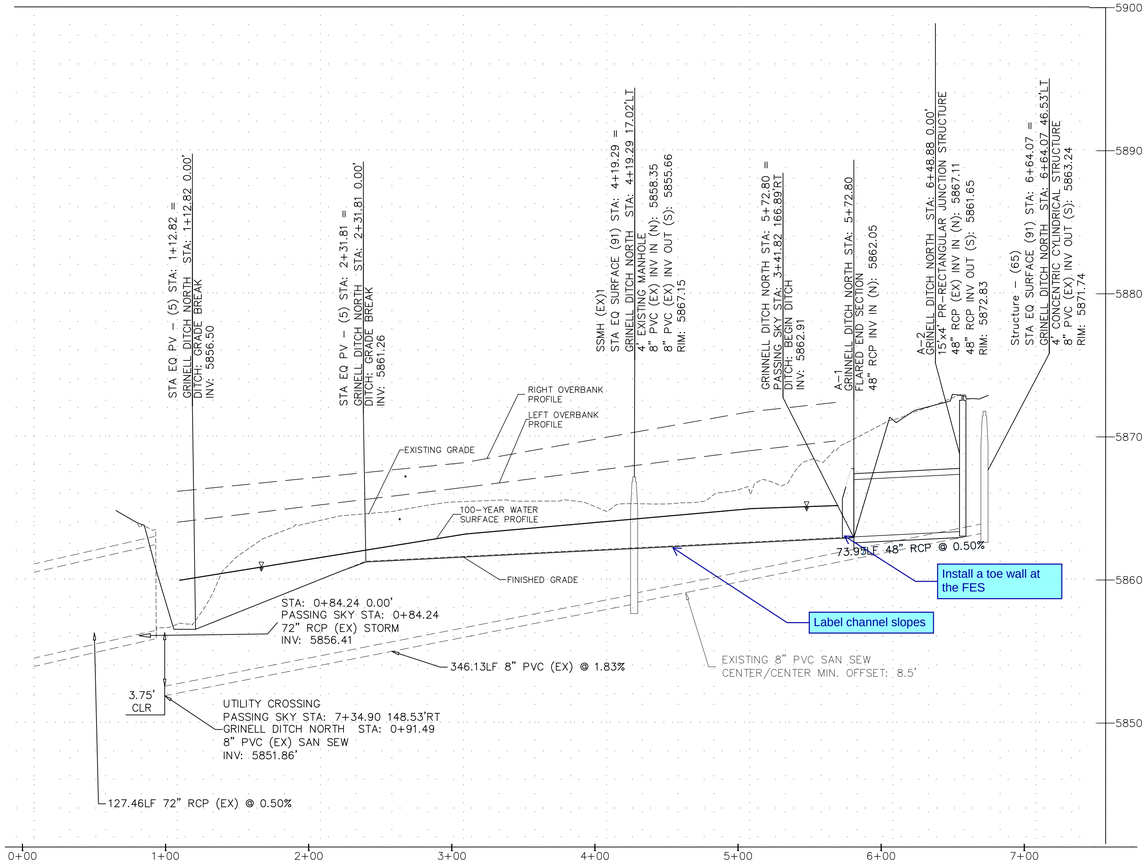


Provide riprap details. Identify the riprap type, length width, depth. Is there a lining between the riprap and subgrade?



Install a toe wall at the FES

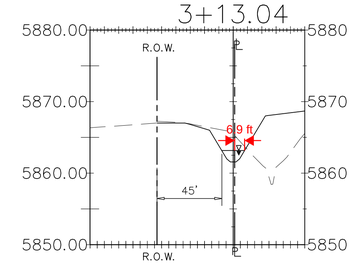
Label channel slopes

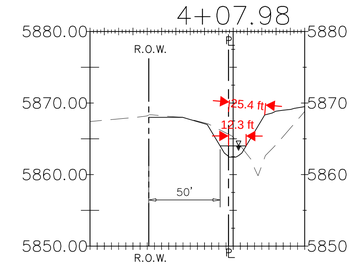
HORIZONTAL CONTROL FOR GRINNELL DITCH-NORTH ALIGNMENT

MEASURED FROM THE WEST 1/4 CORNER OF SECTION 7, T15S, R65W,TO STA. 0+00 OF THE GRINNELL DITCH NORTH ALIGNMENT; THENCE N19°24'20.17"E A DISTANCE OF 938.234'; THE FOLLOWING TABLE PROVIDES THE HORIZONTAL CONTROL FOR THE GRINNELL DITCH NORTH ALIGNMENT:

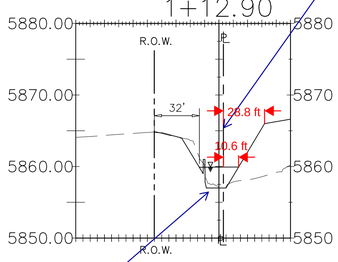
Grinnell Ditch North

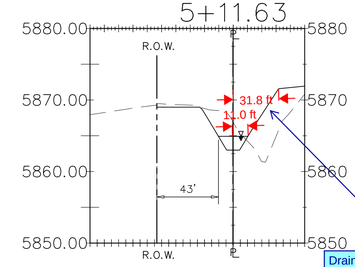
Number	Radius	Length	Line/Chord Direction	A Value
L7		101.68	S86° 52' 06.71"E	
C3	205.00	49.38	N2° 10' 51.07"W	
L8		19.61	N9° 04' 51.71"W	
L3		76.08	N14° 49' 16.03"E	
L2		100.00	N4° 04' 35.11"W	
C1	205.00	84.16	N2° 40' 49.87"E	
L5		317.97	N4° 43' 09.58"E	





The property line is located in the middle of the channel. The

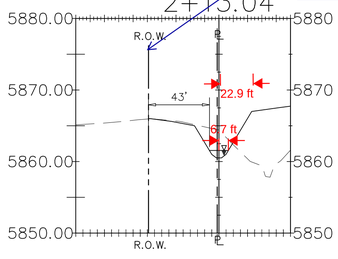


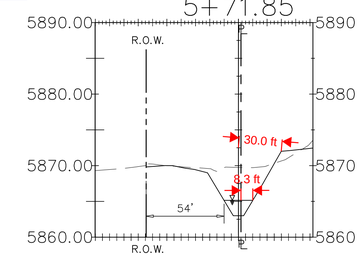


Drainage easement on the plat was only 25 feet. It should be adjusted to include the entire channel side.

For all cross sections:
- Label the station offsets of the toes. Channel bottom width appears to vary
- Label the existing and proposed grades.

Is this supposed to be the edge of asphalt. Plat only shows a property line.





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DESIGNED BY: CEB DATE: 8/15/19
DRAWN BY: CEB DATE: 8/15/19
CHECKED BY: CC DATE:

SCALE: HORIZ: 1"=50' VERT: 1"=5'
STATION: FROM: N/A TO: N/A

SPRINGS AT WATERVIEW - AMENDED STORM

GRINNELL DITCH NORTH - PLAN / PROFILE

REVISIONS:
NO. DESCRIPTION DATE

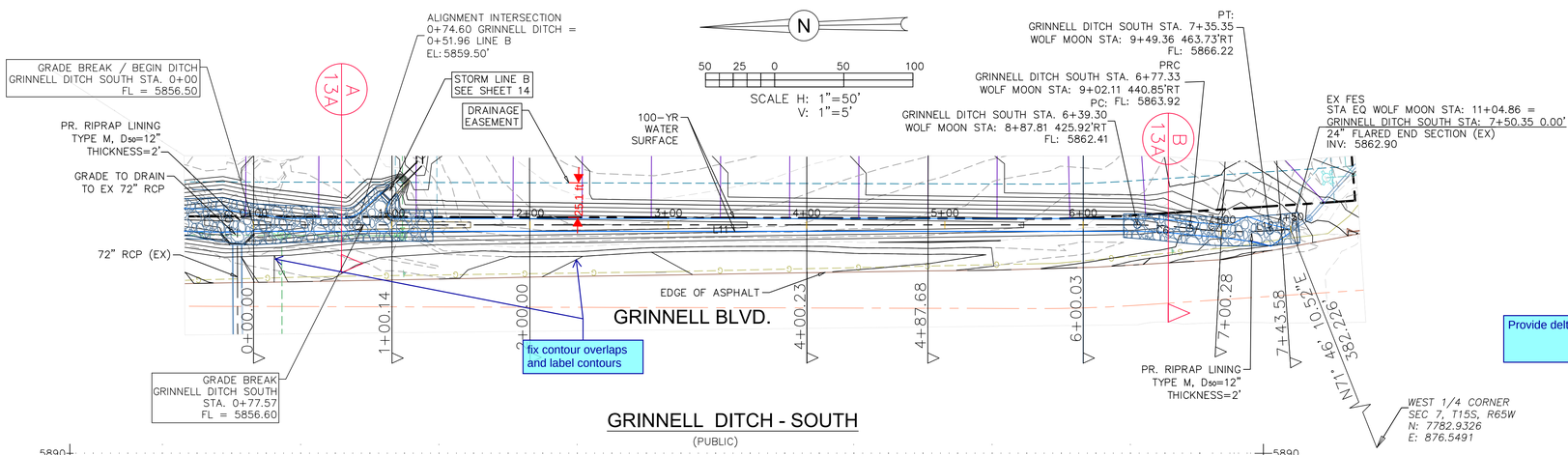
PROJECT NUMBER: 0102.2

SHEET 13 OF 19

NOCITY

PDF: 0102-2 - STORM AMEND.PDF

Z:\2001-Dakota Springs\02-Waterview Partners\16-01 Springs at Waterview\CAD\Plansheets\Ammended Storm\0102.1 - amnd-storm\A.dwg, 13 GRINNELL DITCH NORTH PROFILE, 8/2/2019 7:56:57 PM, ARCH expand D (24.00 x 36.00 Inches)



HORIZONTAL CONTROL FOR GRINNELL DITCH SOUTH

MEASURED FROM THE WEST 1/4 CORNER OF SECTION 7, T15S, R65W,TO STA. 7+49.98 OF THE GRINNELL DITCH SOUTH ALIGNMENT; THENCE N71°46'10.52"E A DISTANCE OF 382.226'; THE FOLLOWING TABLE PROVIDES THE HORIZONTAL CONTROL FOR THE GRINNELL DITCH SOUTH ALIGNMENT:

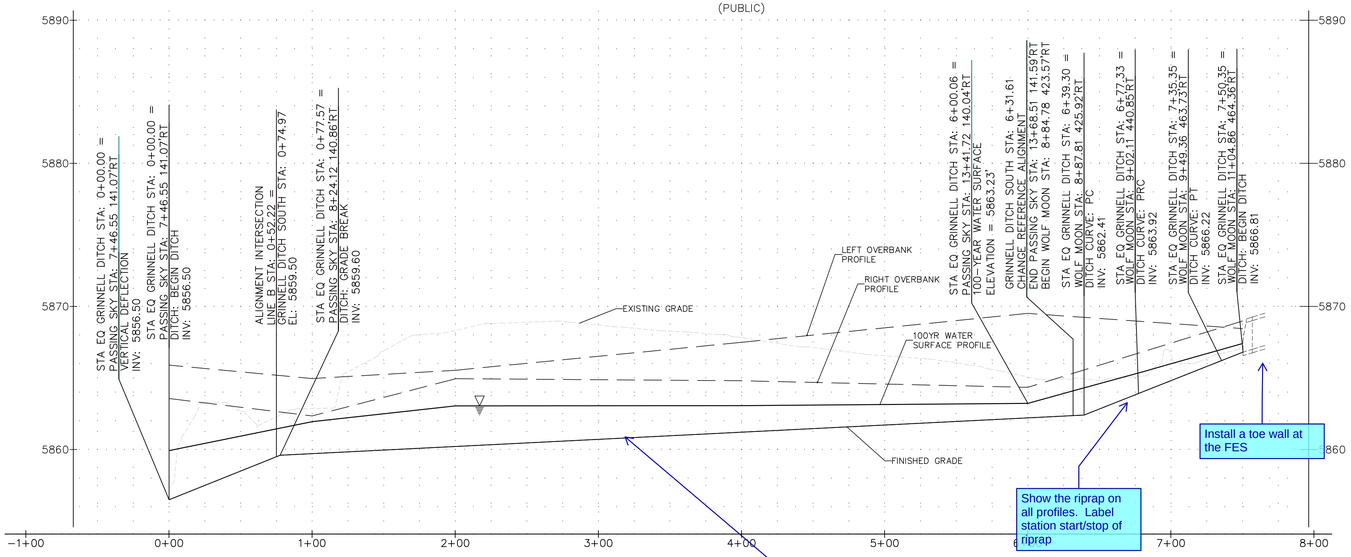
Grinell Ditch South (1) (1)
Grinell Ditch South

Number	Radius	Length	Line/Chord Direction	A Value
L12		14.63	S0° 28' 49.00"E	
C7	300.00	58.01	S5° 03' 34.58"W	
C6	300.00	38.04	S6° 58' 01.42"W	
L11		639.30	S3° 20' 04.67"W	

Provide delta angle

GRINNELL DITCH - SOUTH

(PUBLIC)

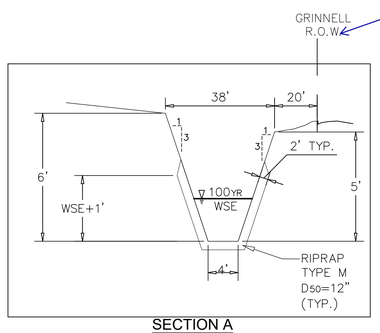


Install a toe wall at the FES

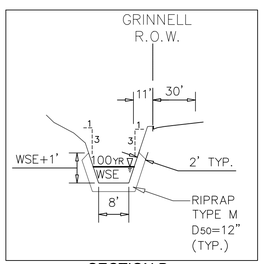
Show the riprap on all profiles. Label station start/stop of riprap

label slopes

plan view indicates this is edge of asphalt, not ROW

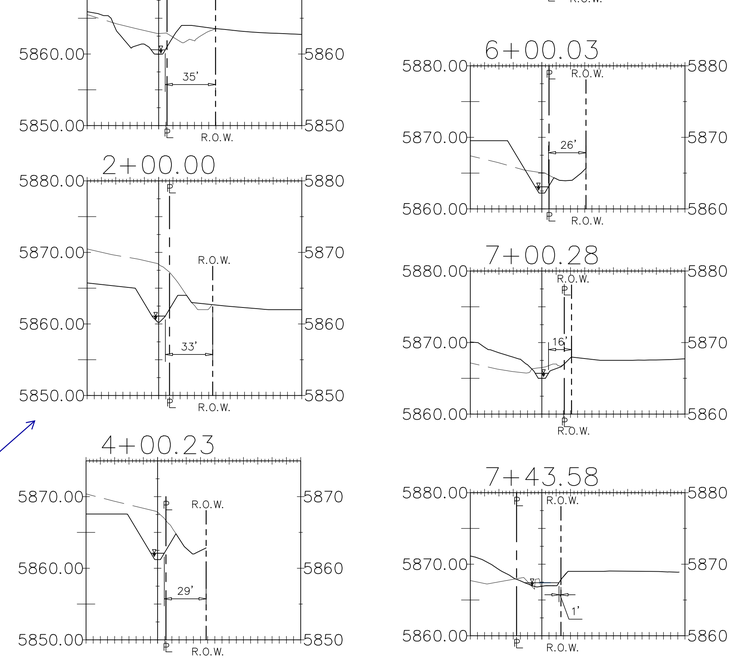


SECTION A



SECTION B

See previous page for comments regarding the cross sections



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DRAWN BY: CEB DATE: 8/19/19
CHECKED BY: PAK DATE: 8/19/19

SCALE: HORIZ: 1"=50' VERT: 1"=5'
STATION: FROM: 0+00 TO: 8+00

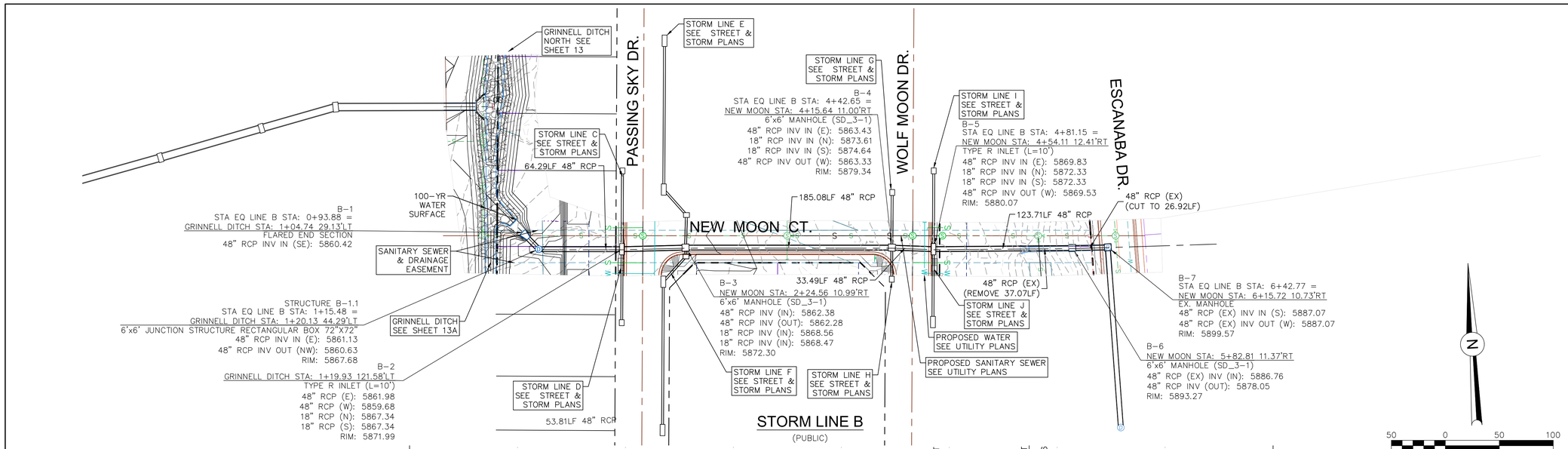
SPRINGS AT WATERVIEW - AMENDED STORM

GRINNELL DITCH SOUTH PROFILE

REVISIONS: NO. DESCRIPTION DATE

PROJECT NUMBER: 0102.2

SHEET 13A OF 19



Draw revision cloud around the elements that are revised from the originally approved design.

Per the first review comments, the drainage letter needs address the changes and show the updated calculations. (See snippet below from the review 1 of the drainage letter)

This entire stormline B is completely altered from the originally approved report. Update the drainage letter to have the supporting narrative and calculations.

Points 31, 38, 39 and 41 along with an intercepted flows on site.

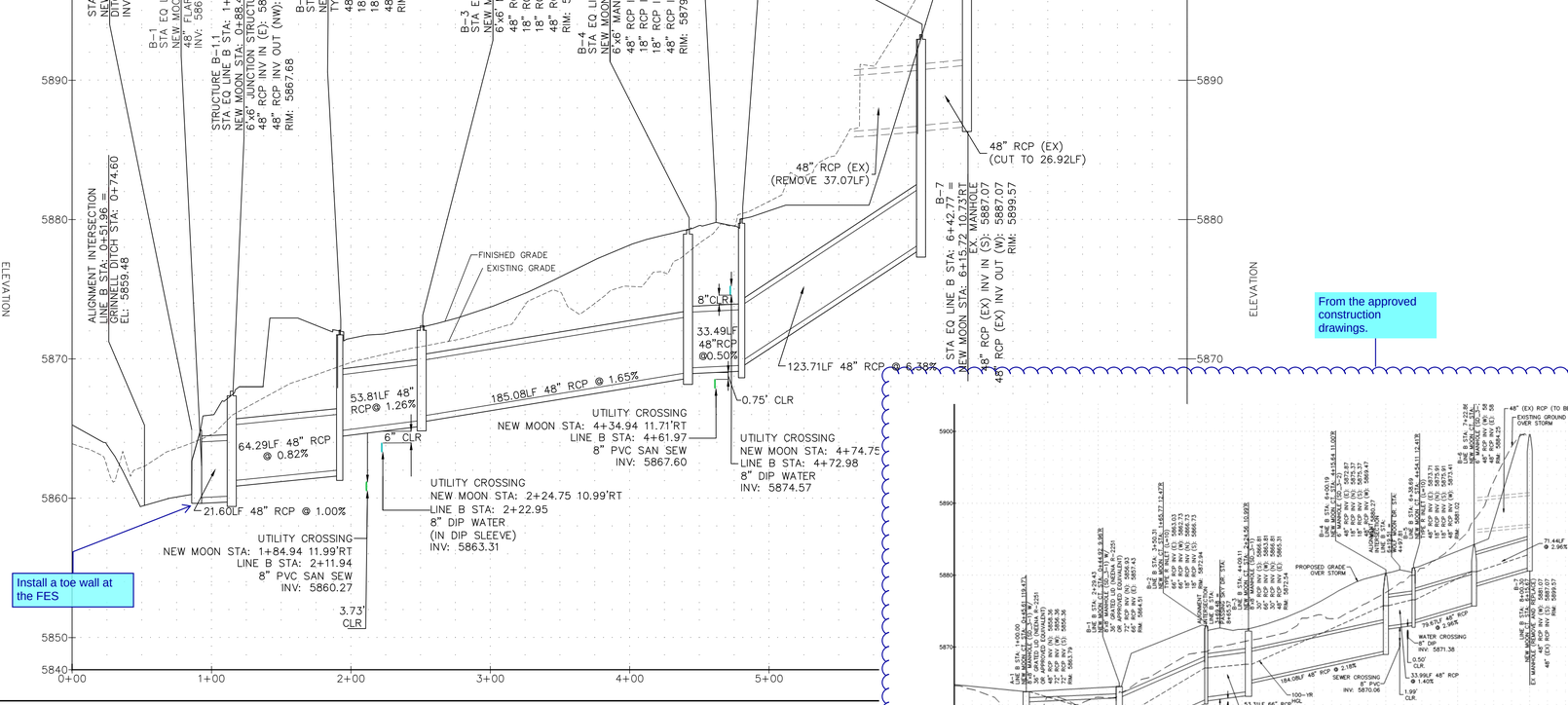
Proposed Storm System

There are three existing storm drain systems that discharge onto or adjacent to the site and one existing system that cap… three storm sy… property. The …

Similar comment for the proposed storm. Narrative should be specific to the amendment only. Describing which system is being revised, what is proposed, and explaining the results of the calculations.

Appendix D: Inlet Design, Rundown Analysis and Channel Design

Remove any hydraulic analysis not pertinent to this report.



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CHECKED BY: DATE:

SCALE: HORIZ: 1"=50' VERT: 1"=5'
STATION: FROM: 0+00 TO: 9+00

SPRINGS AT WATERVIEW - AMENDED STORM

STORM B PROFILE

DATE

PROJECT NUMBER: 0162.2
SHEET 14 OF 19