



HORIZONTAL SCALE IN FEET

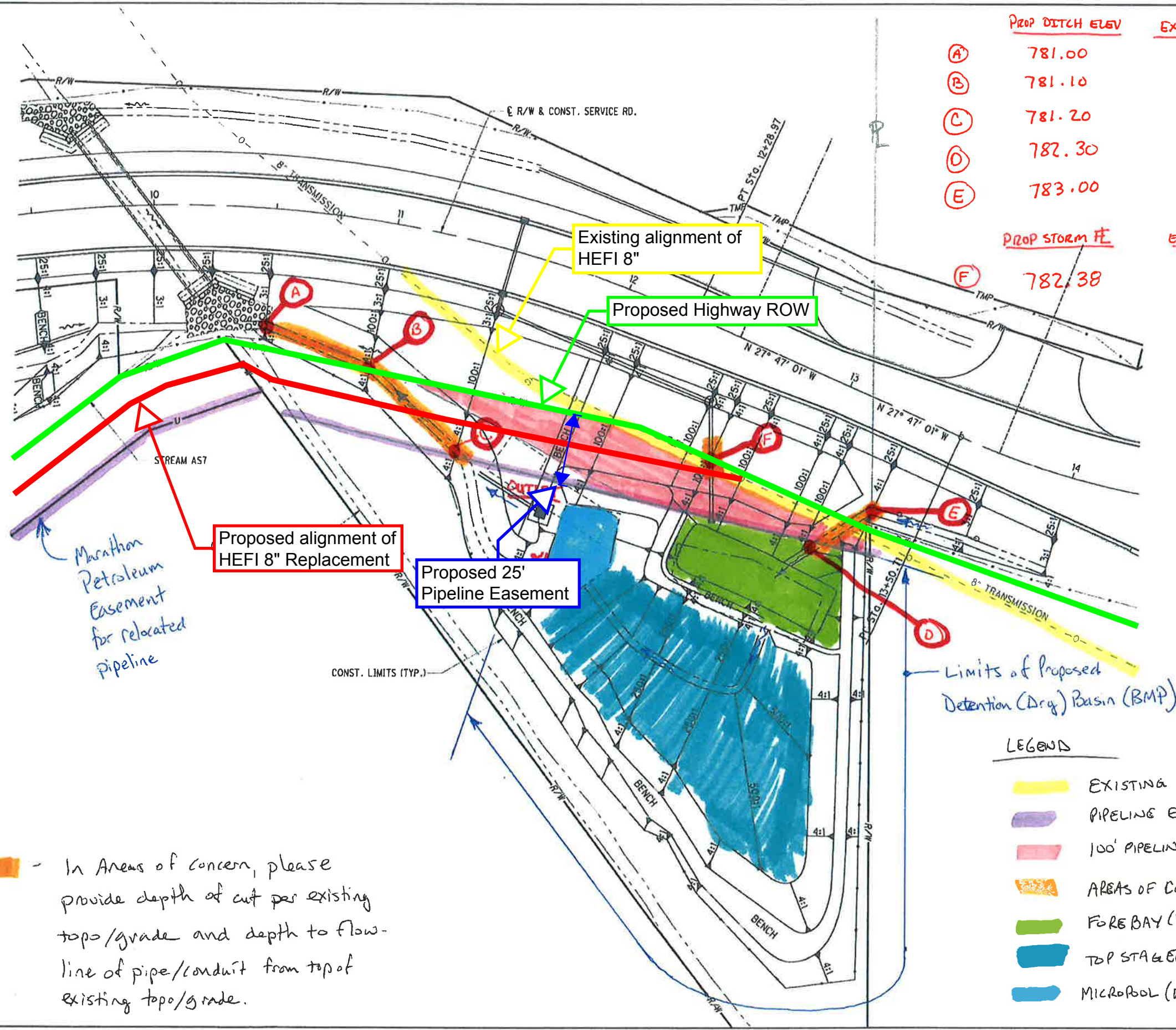
CALCULATED CHECKED

GRADING DETAILS

HAN-75-14.39



	PROP DITCH ELEV	EX GROUND ELEV
(A)	781.00	783.49
(B)	781.10	783.08
(C)	781.20	783.74
(D)	782.30	784.00
(E)	783.00	783.75
	PROP STORM FE	EX GROUND ELEV
(F)	782.38	784.29



LEGEND

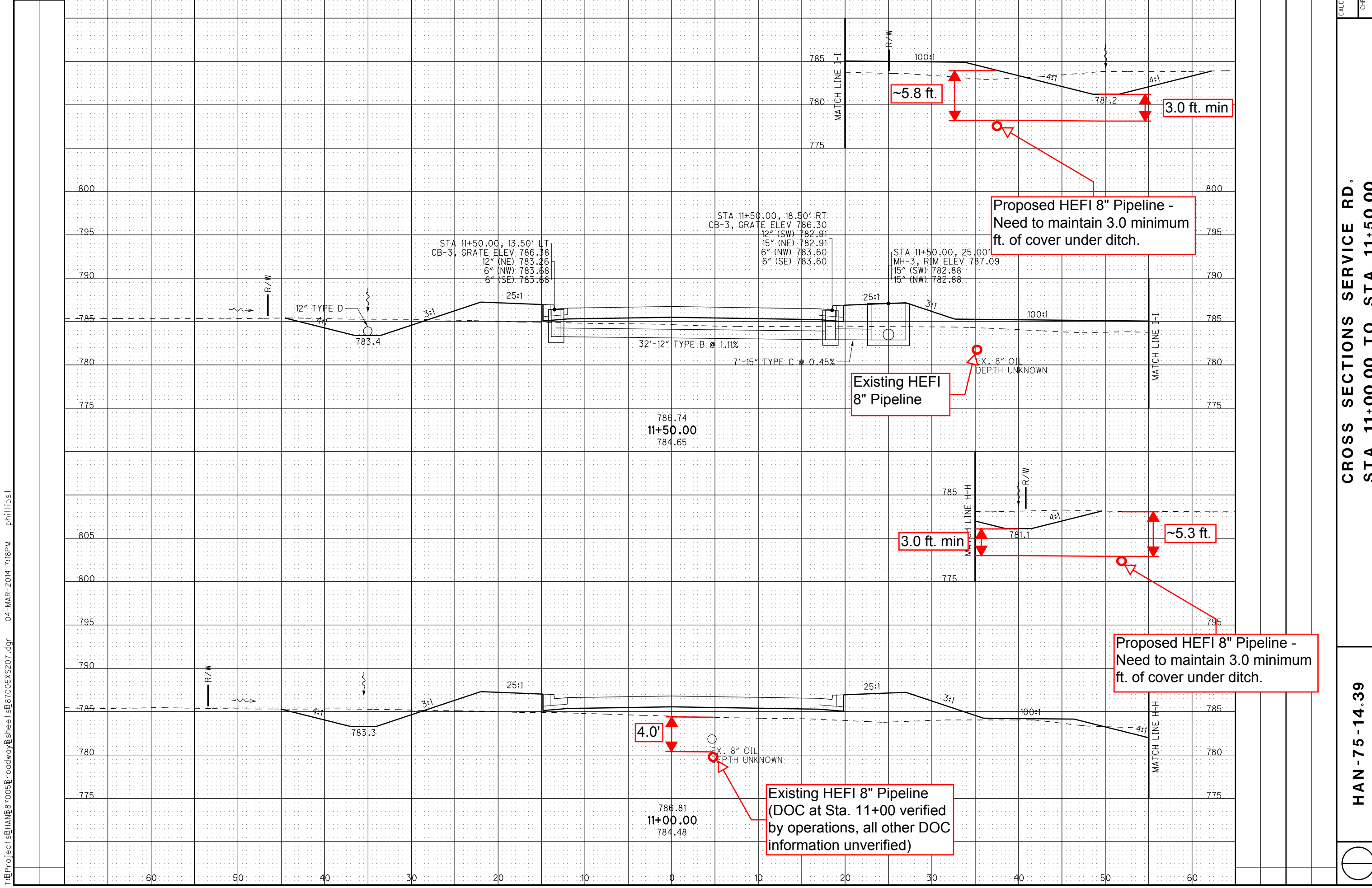
	EXISTING PIPELINE
	PIPELINE EASEMENT
	100' PIPELINE TIE-IN
	AREAS OF COVER CONCERN
	FORE BAY (DETENTION BASIN)
	TOP STAGE (DETENTION BASIN)
	MICROPOOL (DETENTION BASIN)

- In Areas of concern, please provide depth of cut per existing topo/grade and depth to flow-line of pipe/conduit from top of existing topo/grade.

24 FEB 2014 3:28 PM philipst  
 C:\Users\philipst\Documents\Projects\HAN-75-14.39\Drawings\HAN-75-14.39-Grading.dwg

SEEDING	
END WIDTH	SO. YDS.

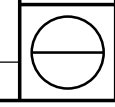
END AREA		VOLUME		CALCULATED	CHECKED
CUT	FILL	CUT	FILL		



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CROSS SECTIONS SERVICE RD.  
STA. 11+00.00 TO STA. 11+50.00

HAN-75-14.39

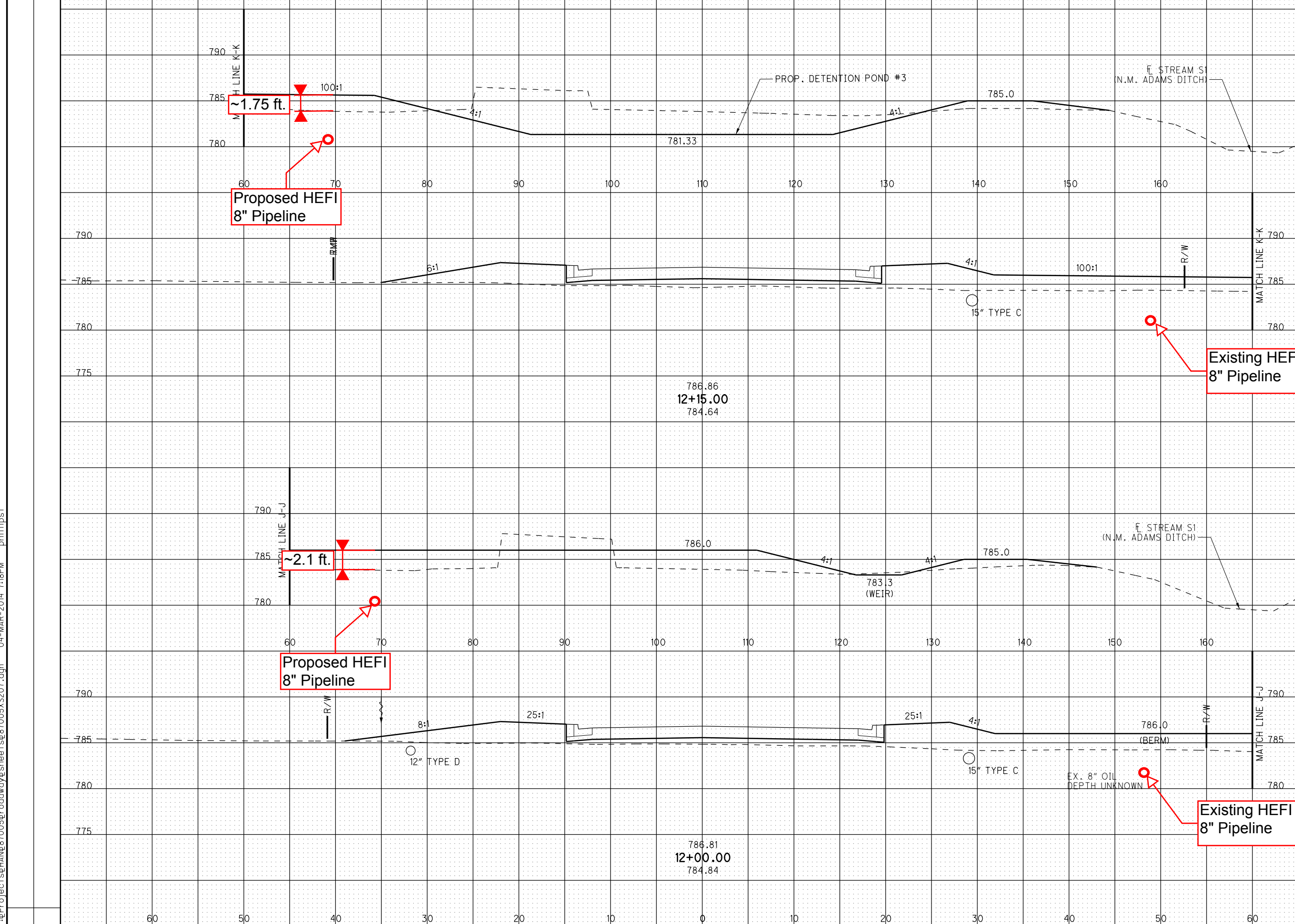




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SEEDING	
END WIDTH	SO. YDS.

END AREA		VOLUME		CALCULATED	CHECKED
CUT	FILL	CUT	FILL		



CROSS SECTIONS SERVICE RD.  
STA. 12+00.00 TO STA. 12+15.00

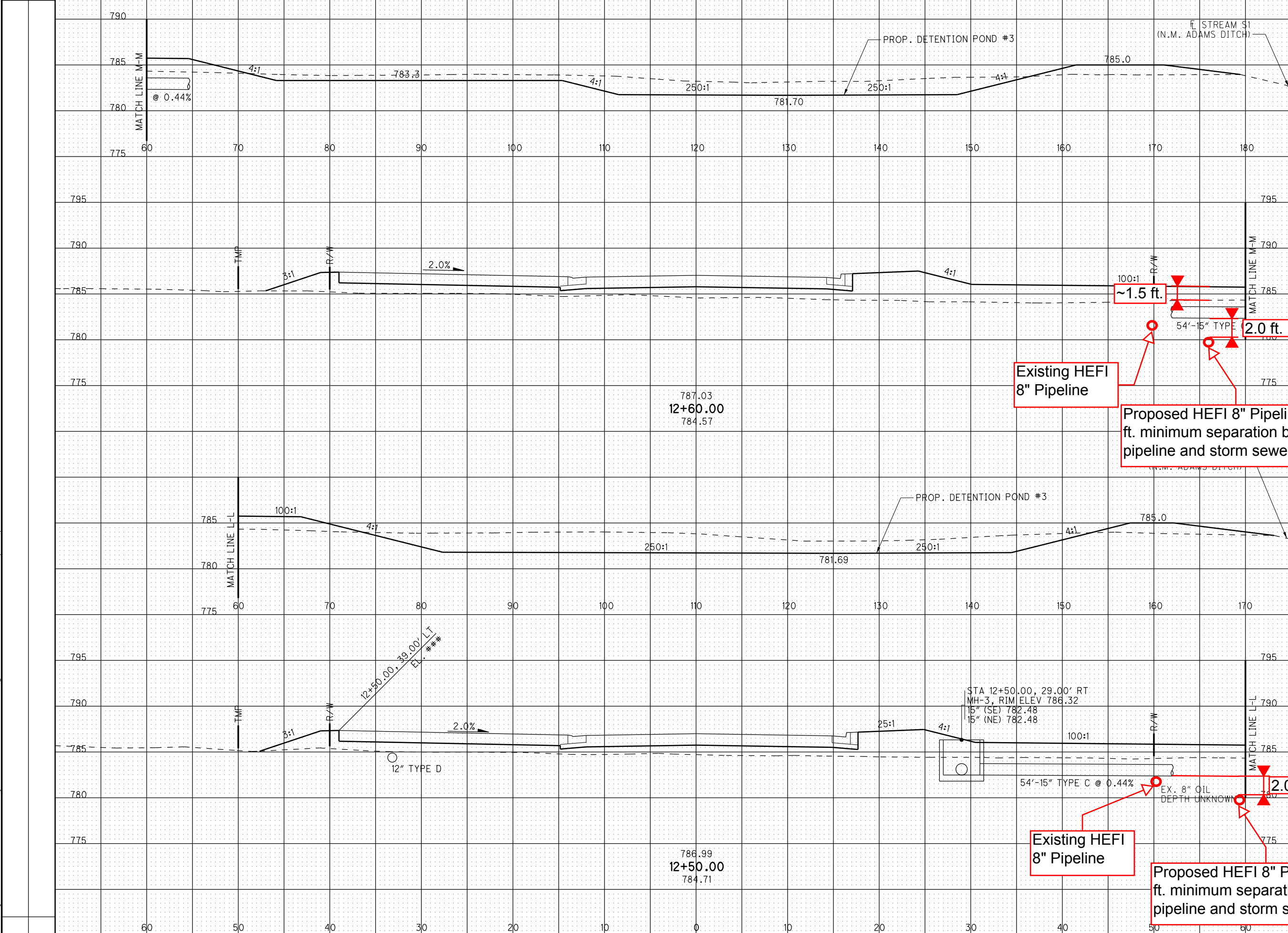
HAN-75-14.39



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SEEDING	
END WIDTH	SO. YDS.

END AREA		VOLUME		CALCULATED	CHECKED
CUT	FILL	CUT	FILL		



Existing HEFI 8" Pipeline

Proposed HEFI 8" Pipeline - 2.0 ft. minimum separation between pipeline and storm sewer.

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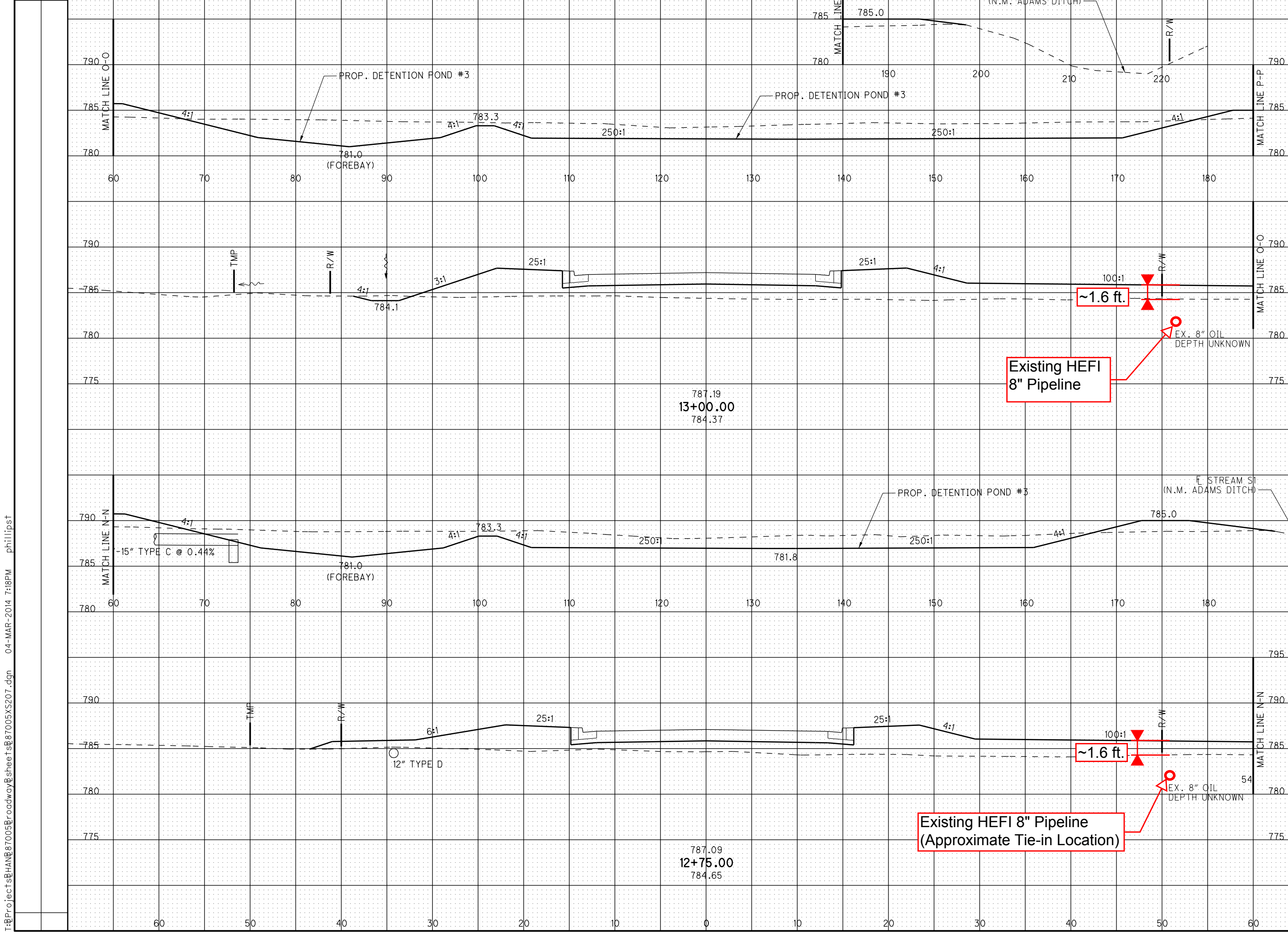
CROSS SECTIONS SERVICE RD.  
STA. 12+50.00 TO STA. 12+60.00

HAN-75-14.39



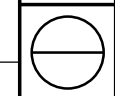
SEEDING  
END SO.  
WIDTH YDS.

END AREA VOLUME  
CUT FILL CUT FILL  
CALCULATED  
CHECKED

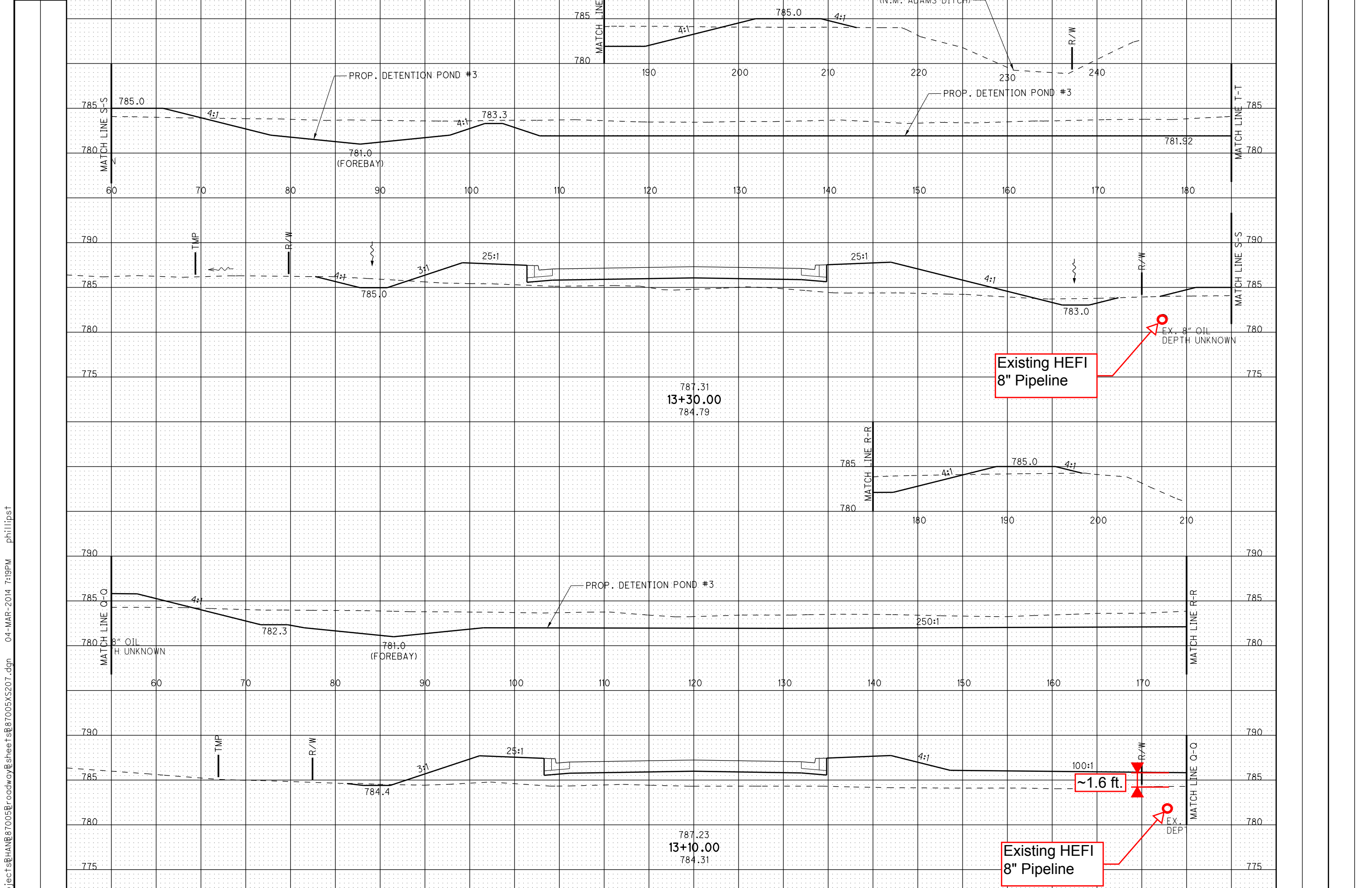


CROSS SECTIONS SERVICE RD.  
STA. 12+75.00 TO STA. 13+00.00

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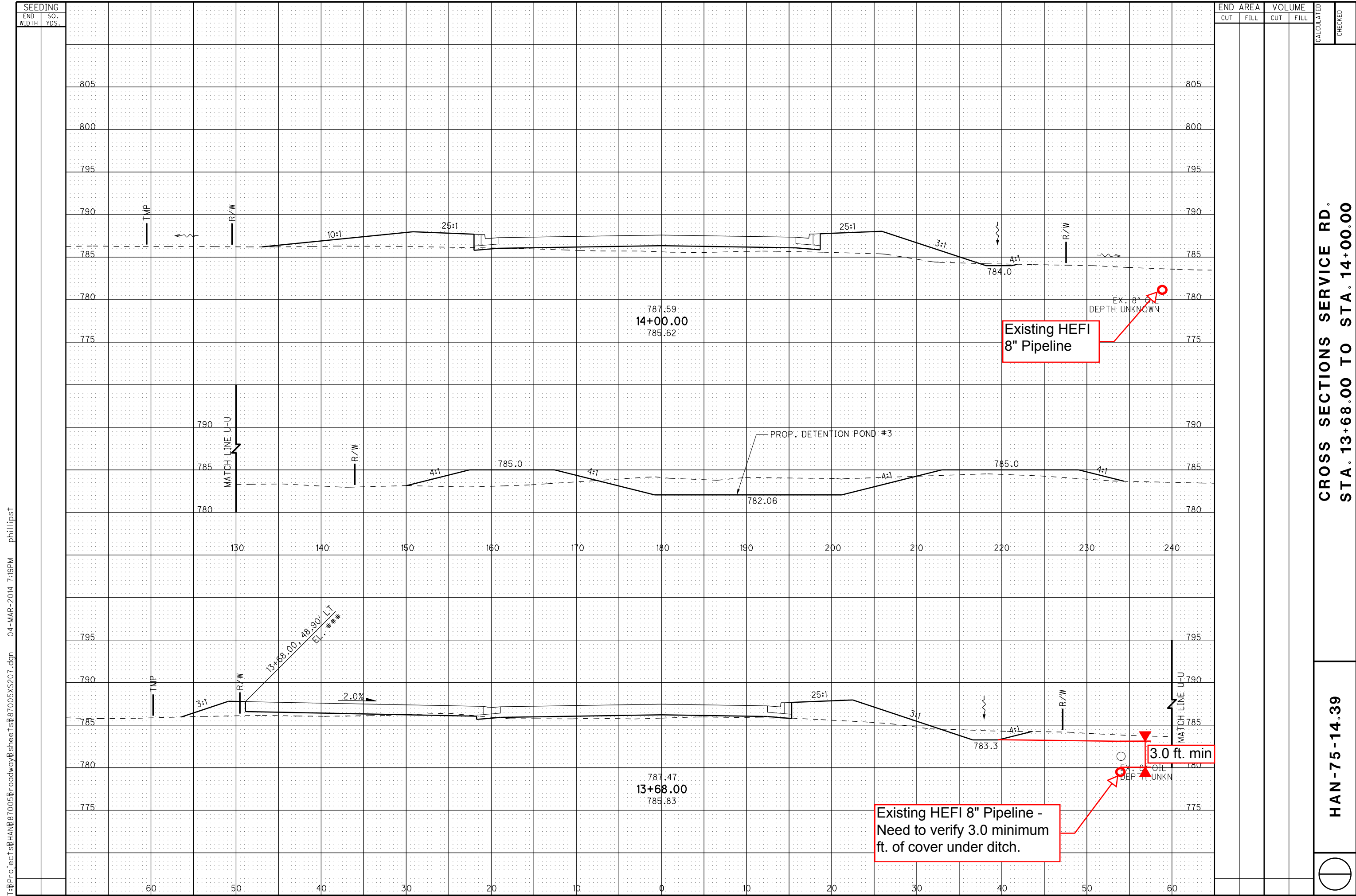
SEEDING  
 END WIDTH SO. YDS.  
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END AREA		VOLUME		CALCULATED	CHECKED
CUT	FILL	CUT	FILL		

CROSS SECTIONS SERVICE RD.  
 STA. 13+10.00 TO STA. 13+30.00

HAN-75-14.39





SEEDING		END AREA		VOLUME		CALCULATED		CHECKED	
END WIDTH	SO. YDS.	CUT	FILL	CUT	FILL				

CROSS SECTIONS SERVICE RD.  
STA. 13+68.00 TO STA. 14+00.00

HAN-75-14.39



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