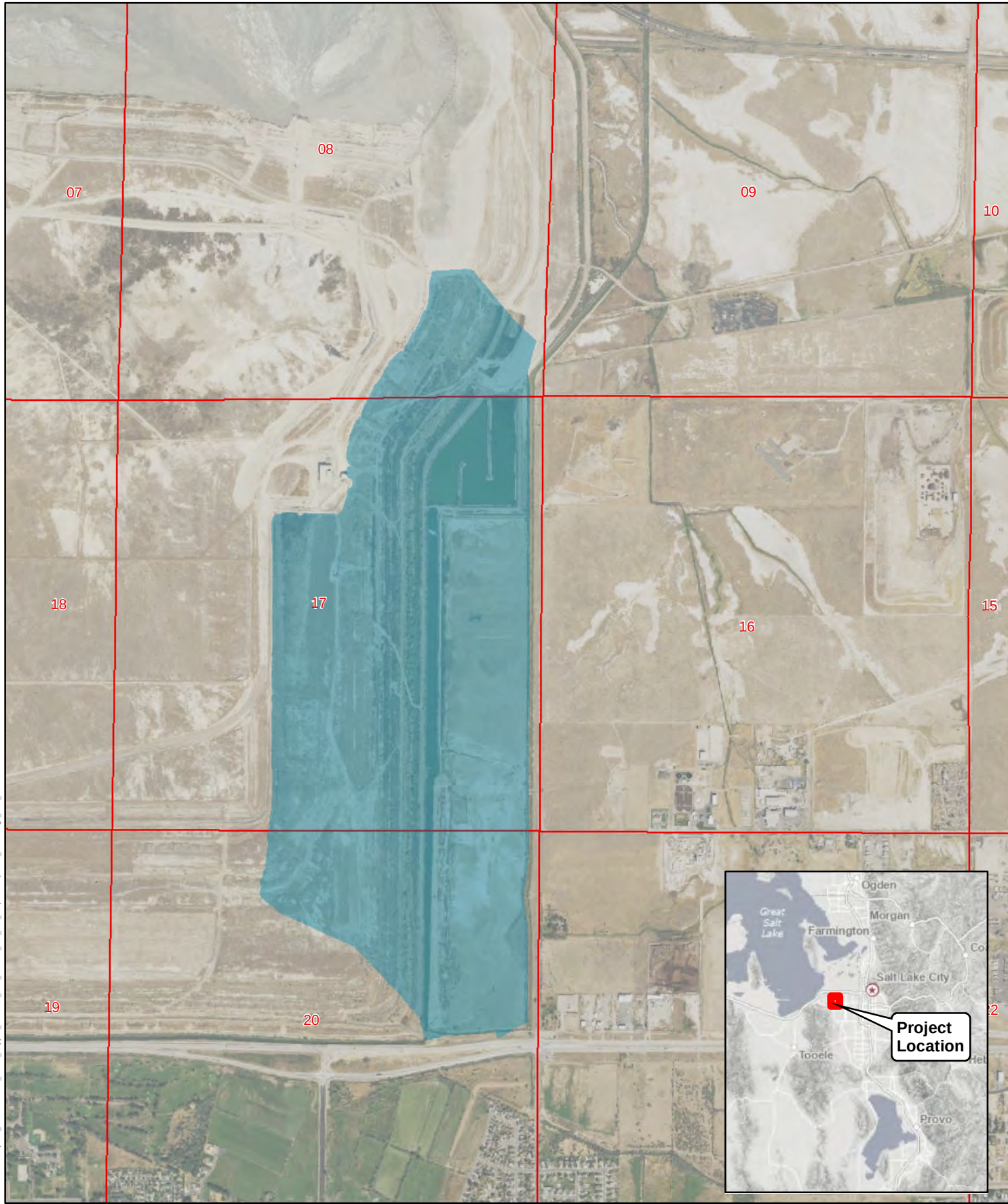
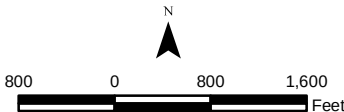


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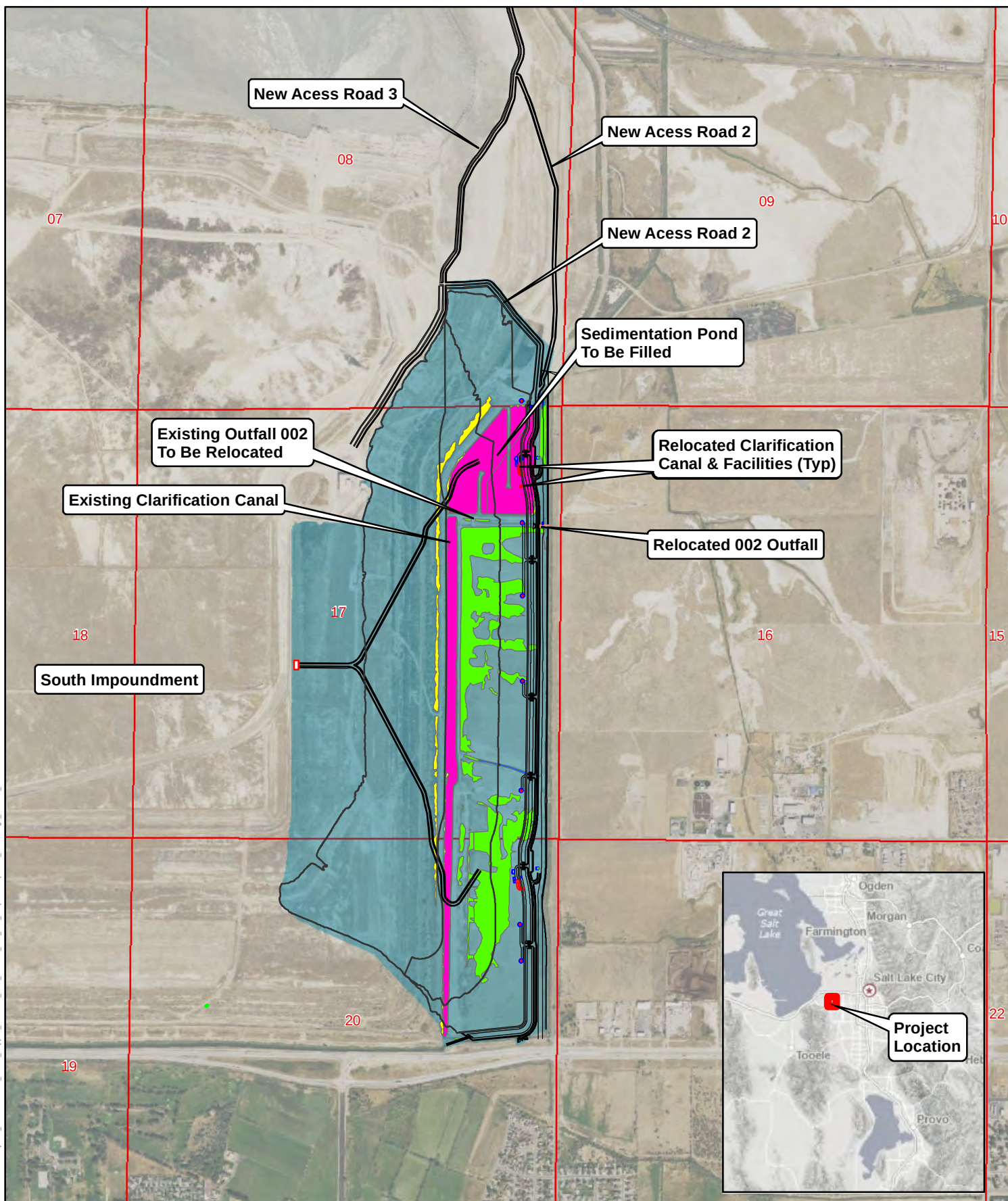


East Tailings Expansion

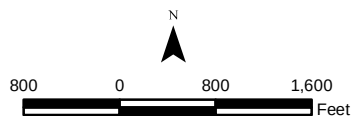


Title: East Tailings Expansion Project Location Map	
404 Permit Application	Proj No: 60658570
RioTinto	Figure: 1
	Date: May 2022
	AECOM

Path: L:\DCS\Projects\ENV\6061239_Permi_Support_NPB900_CAD_GIS\920_029_GIS_Graphics\Map904_PermiFig2_wetland_404.mxd



- Non Jurisdictional Industrial Process Water
- Non Jurisdictional Wetland
- Potentially Jurisdictional Non-Wetland WoUS
- Potentially Jurisdictional Wetlands
- East Tailings Expansion Project Area



Title: **East Tailings Expansion WoUS, Other Waters, and Project Features**

404 Permit Application

RioTinto

Proj No: **60658570**

Figure: **2**

Date: **May 2022**

AECOM

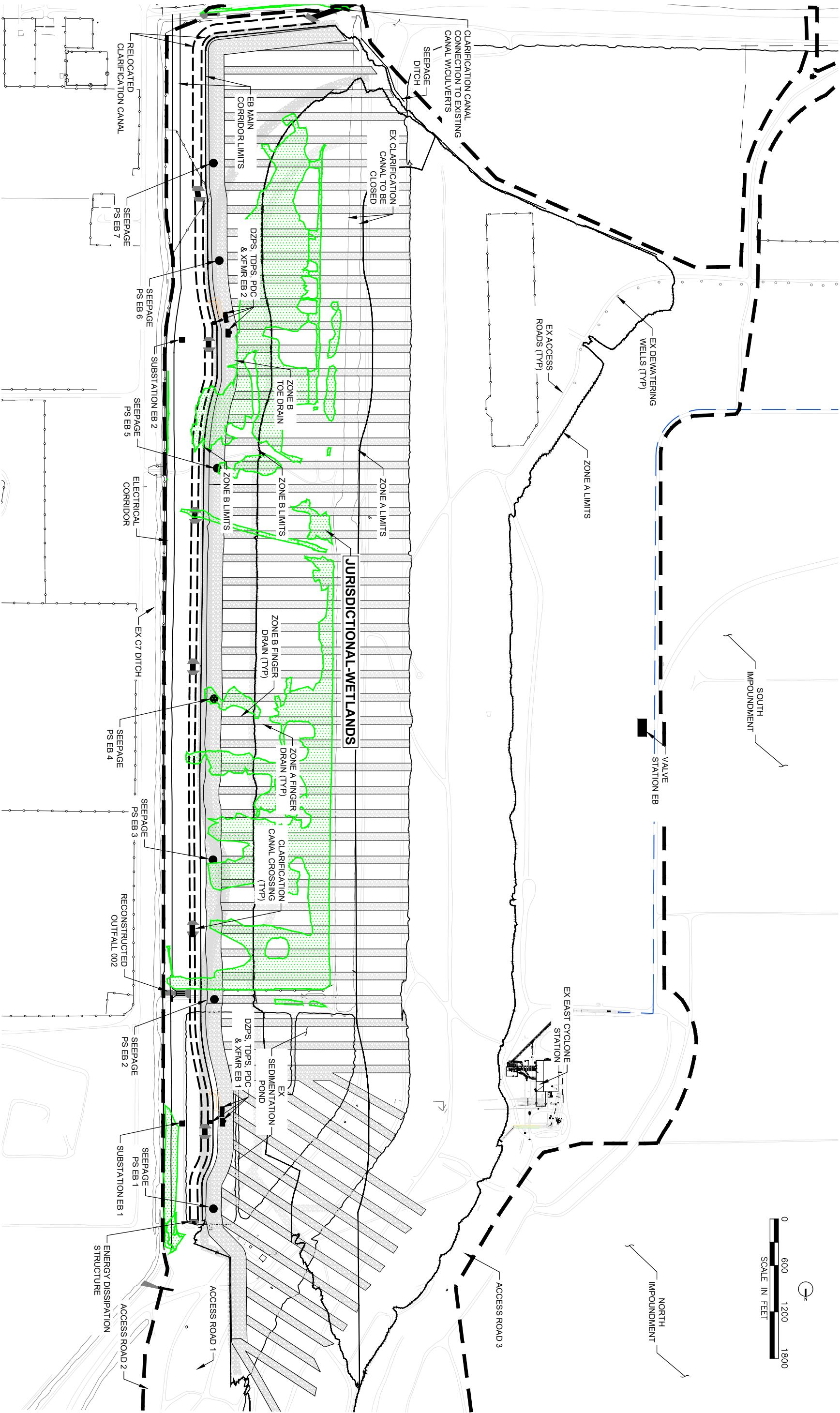
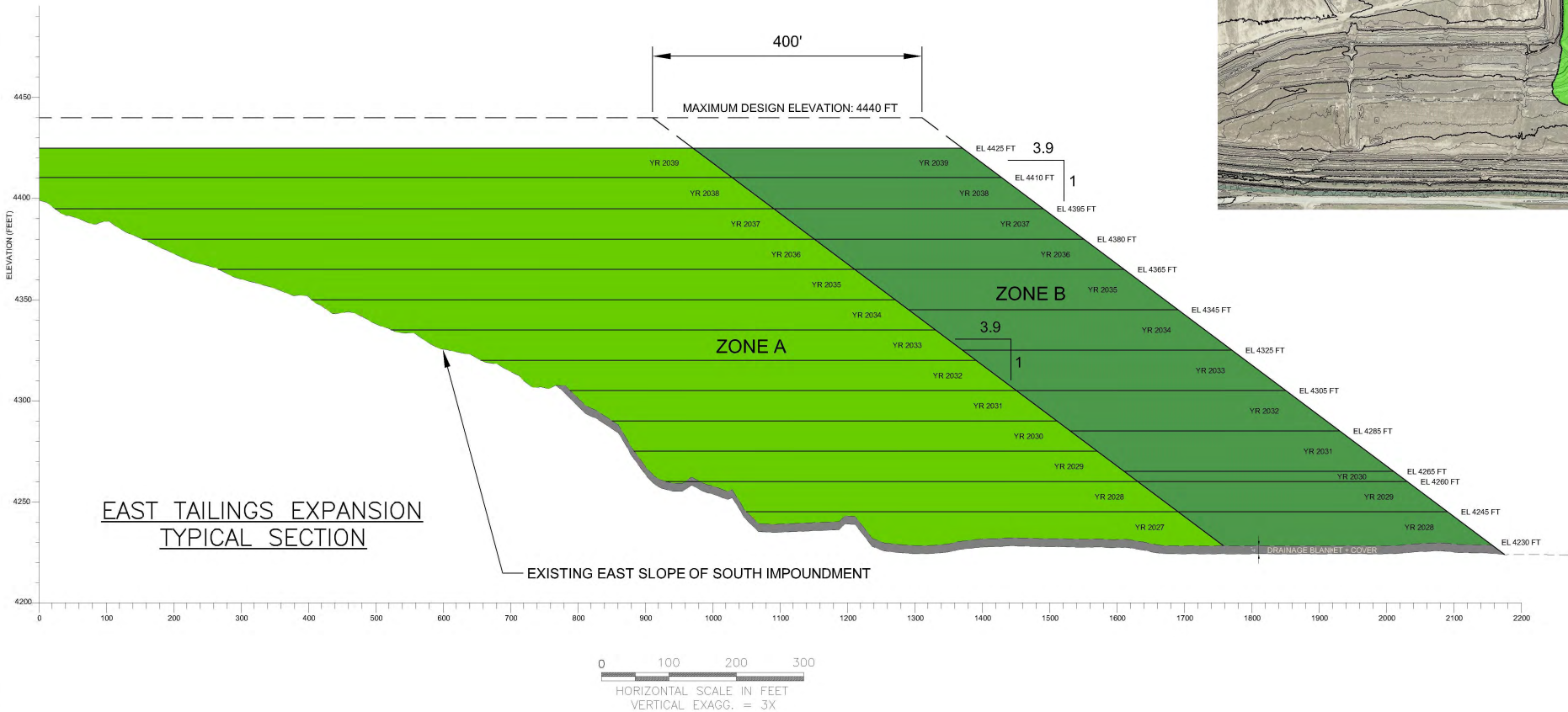
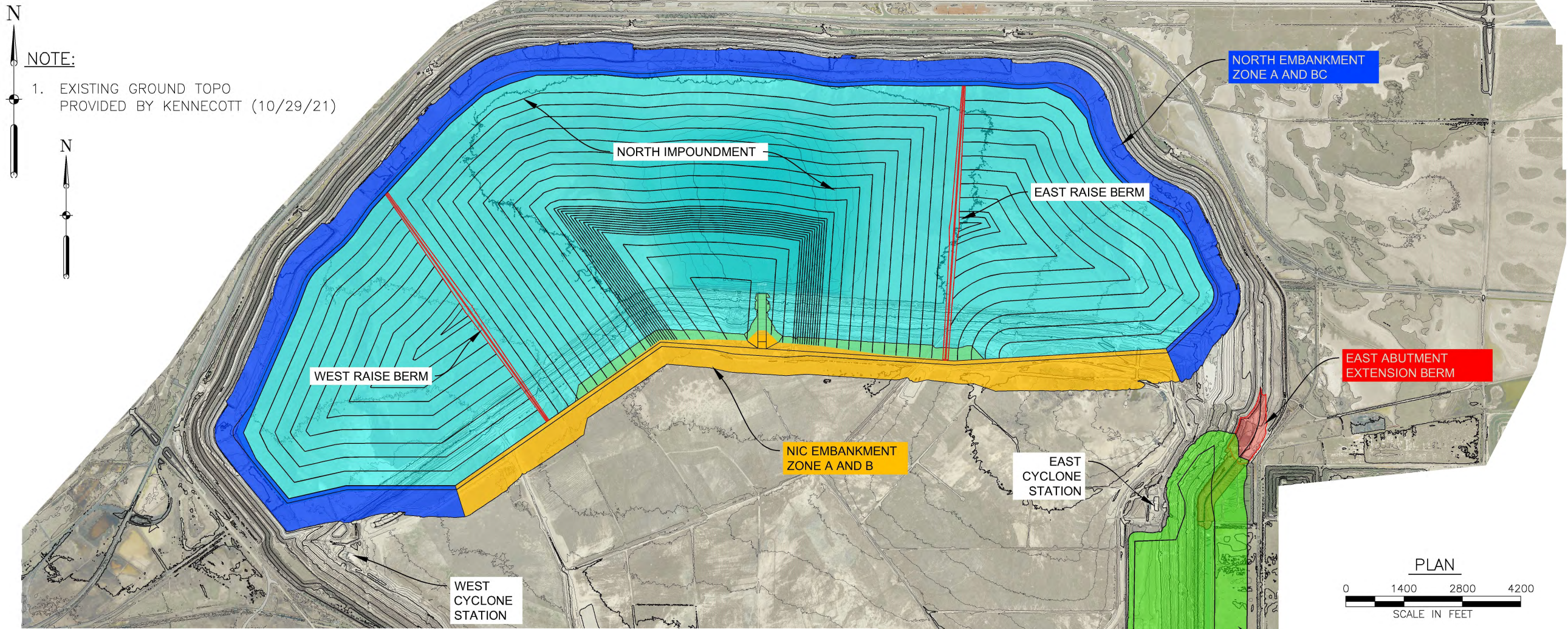


FIG. 1

C:\Users\emmanuel.lefebvre\Documents\Projects\RTK-NPB\FS\Raise Scheme.dwg

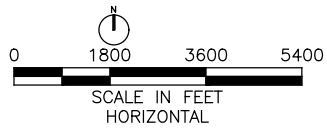


End of Year	East Tailings Expansion Zone A		East Tailings Expansion Zone B	
	Elev. (ft)	Mass (mtpy)	Elev. (ft)	Mass (mtpy)
2027	4,245	2.2	4,230	0.0
2028	4,260	2.9	4,245	2.4
2029	4,275	3.2	4,260	2.8
2030	4,290	3.4	4,265	1.0
2031	4,305	3.5	4,285	3.9
2032	4,320	3.7	4,305	3.9
2033	4,335	3.9	4,325	3.9
2034	4,350	4.3	4,345	3.9
2035	4,365	4.8	4,365	3.9
2036	4,380	5.5	4,380	2.9
2037	4,395	6.2	4,395	2.9
2038	4,411	7.1	4,411	2.9
2039	4,425	7.0	4,425	0.6

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Date : 05/03/2022

EAST TAILINGS EXPANSION
PLAN VIEW AND
EMBANKMENT RAISE SCHEME

FIG. 2



LEGEND

JURISDICTIONAL WETLANDS



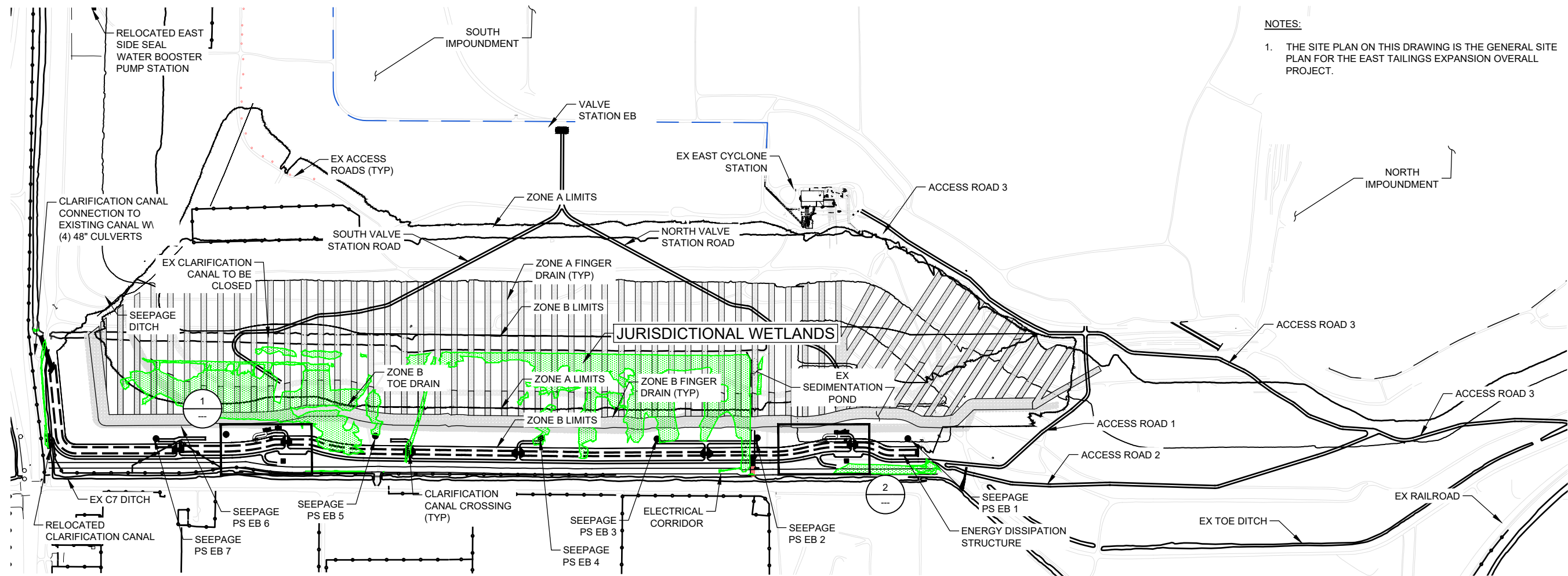
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Date : 02/11/2022

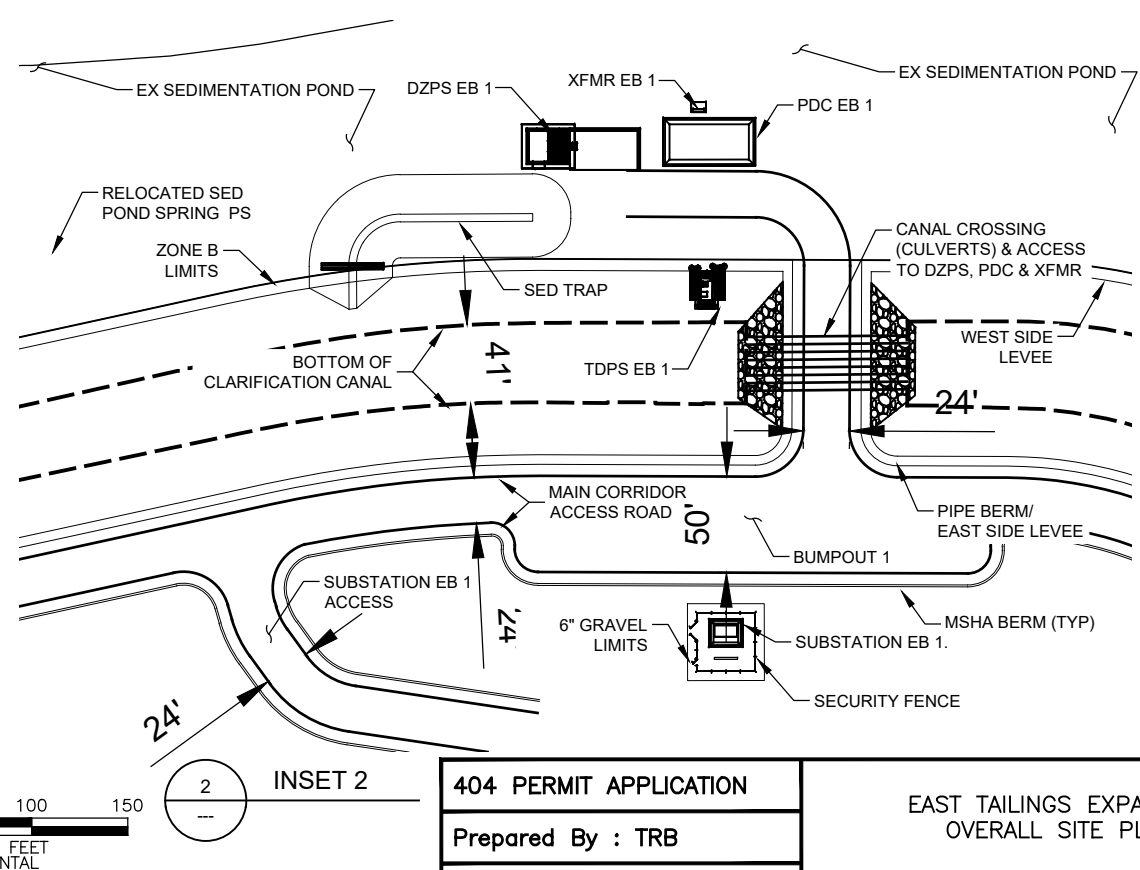
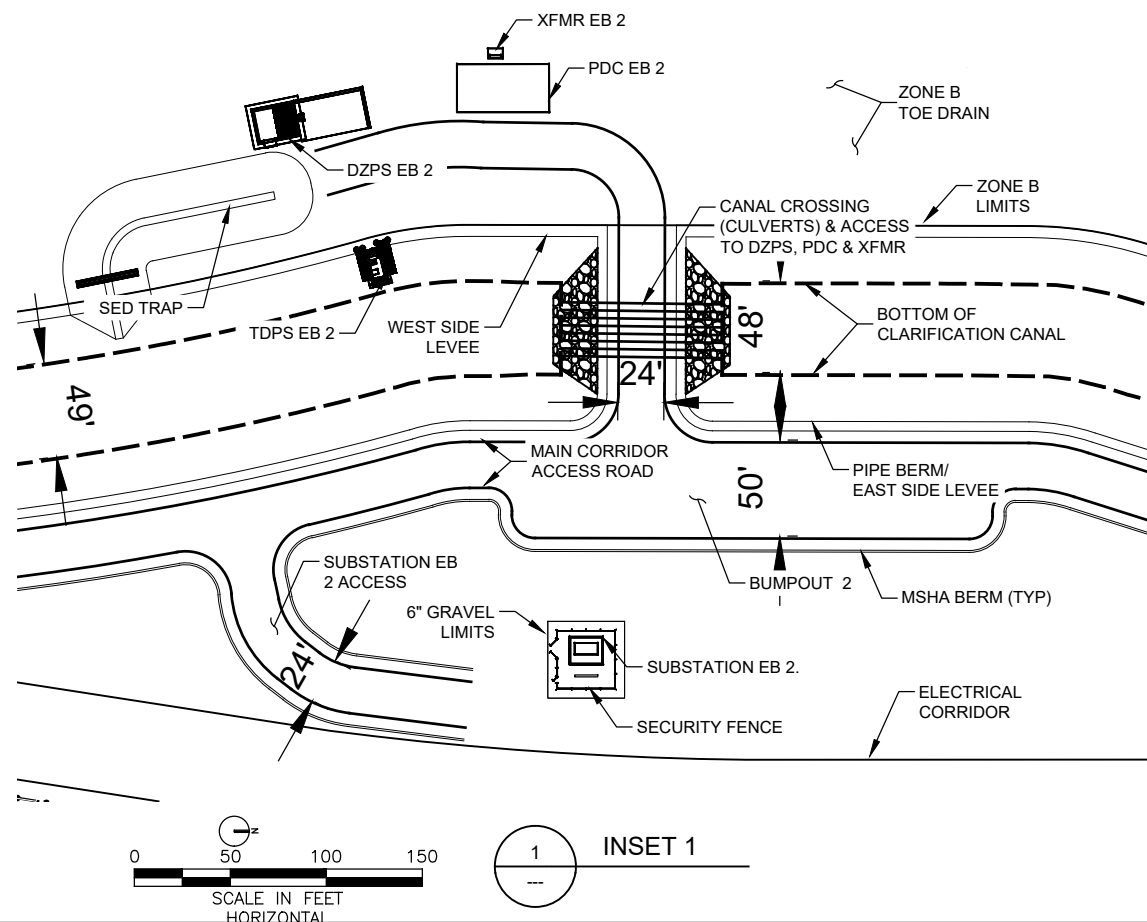
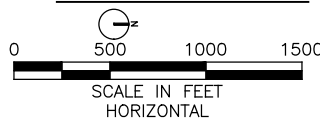
EAST TAILINGS EXPANSION
CONSTRUCTION LIMITS

FIG. 3



- NOTES:
1. THE SITE PLAN ON THIS DRAWING IS THE GENERAL SITE PLAN FOR THE EAST TAILINGS EXPANSION OVERALL PROJECT.

OVERALL SITE PLAN

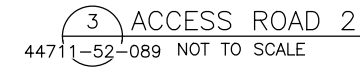
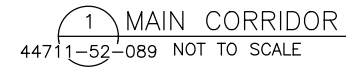


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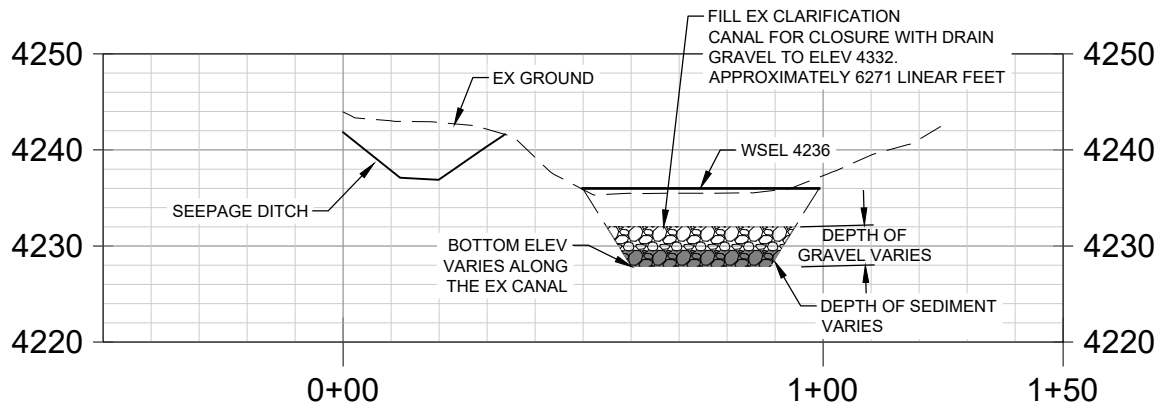
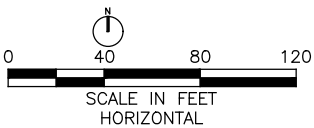
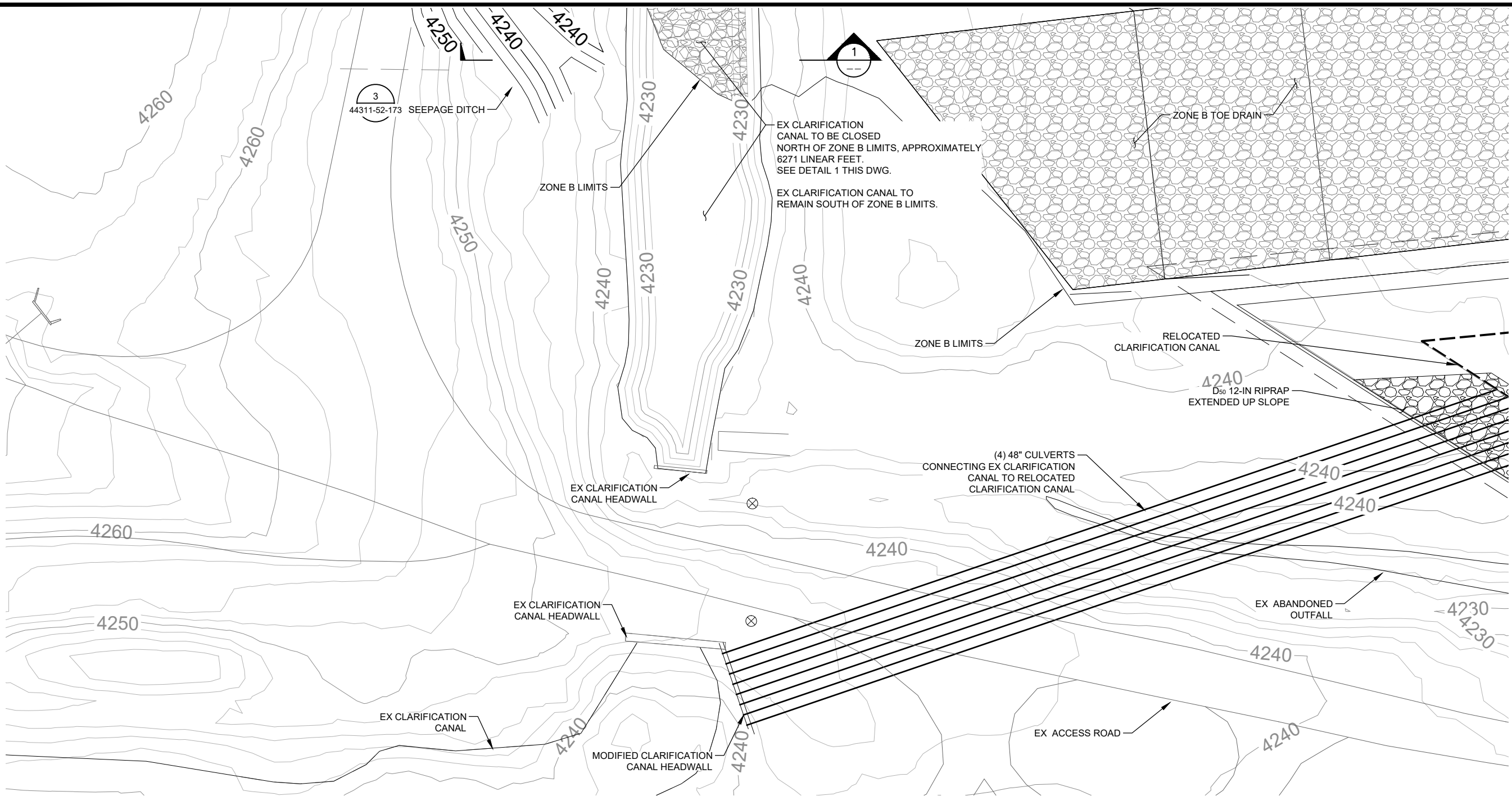
Prepared By : TRB

Date : 02/11/2022

EAST TAILINGS EXPANSION
OVERALL SITE PLAN



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Date : 02/11/2022	



CLARIFICATION CANAL CLOSURE DETAIL

1"=40' HOR. 1"=80' VERT.

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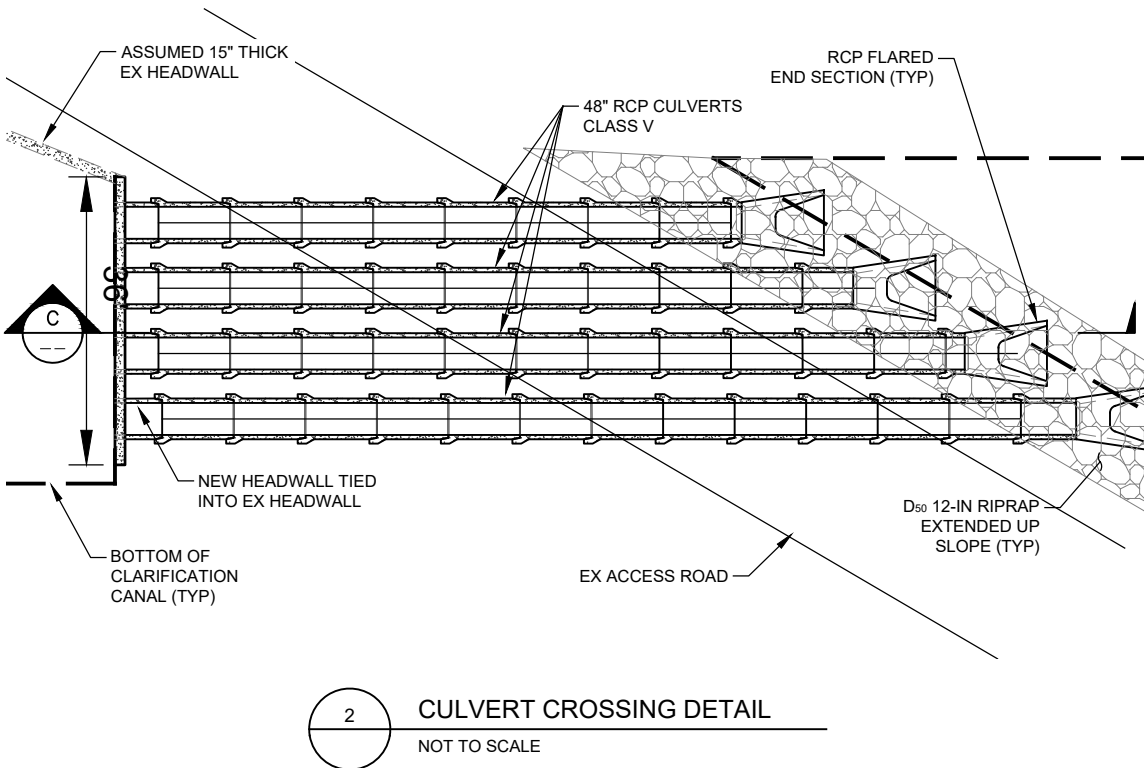
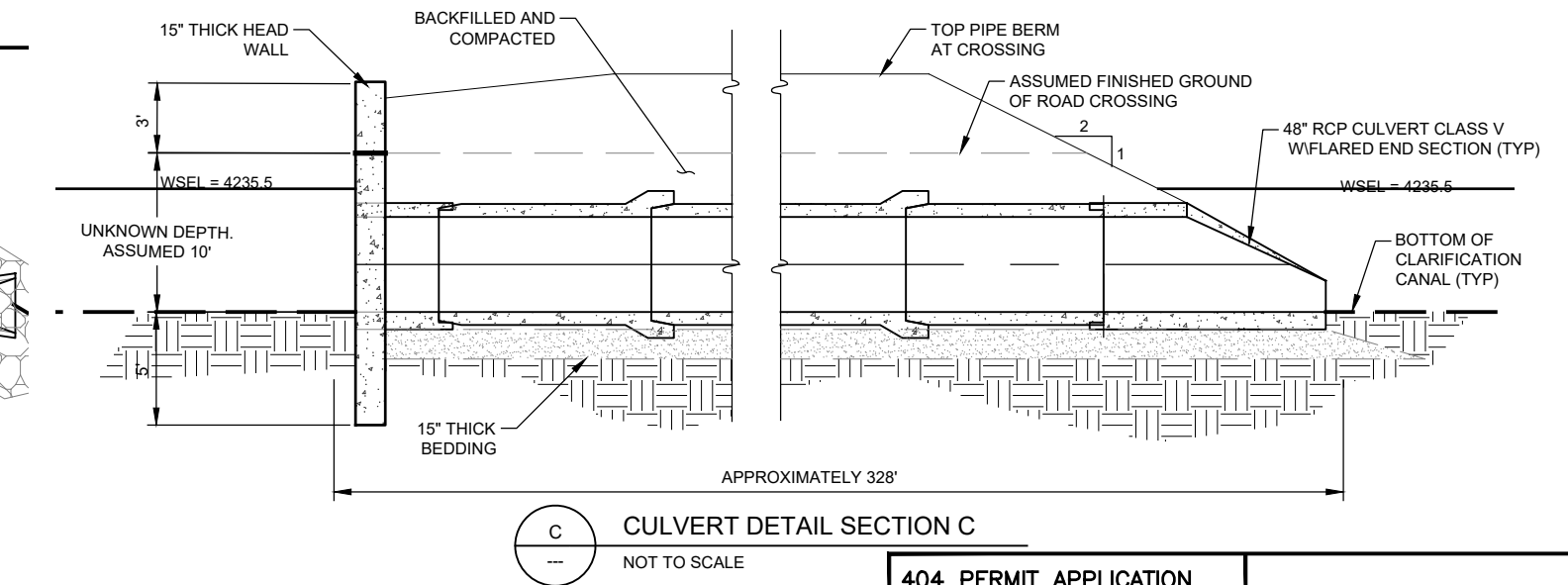
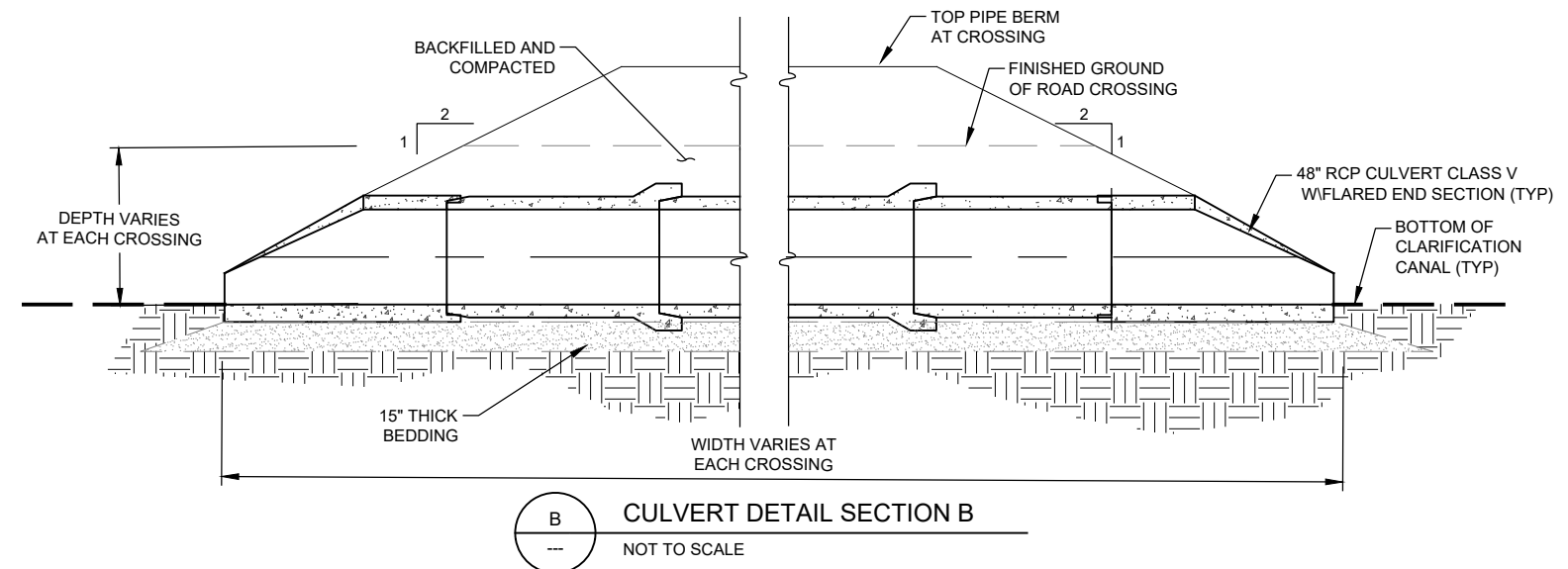
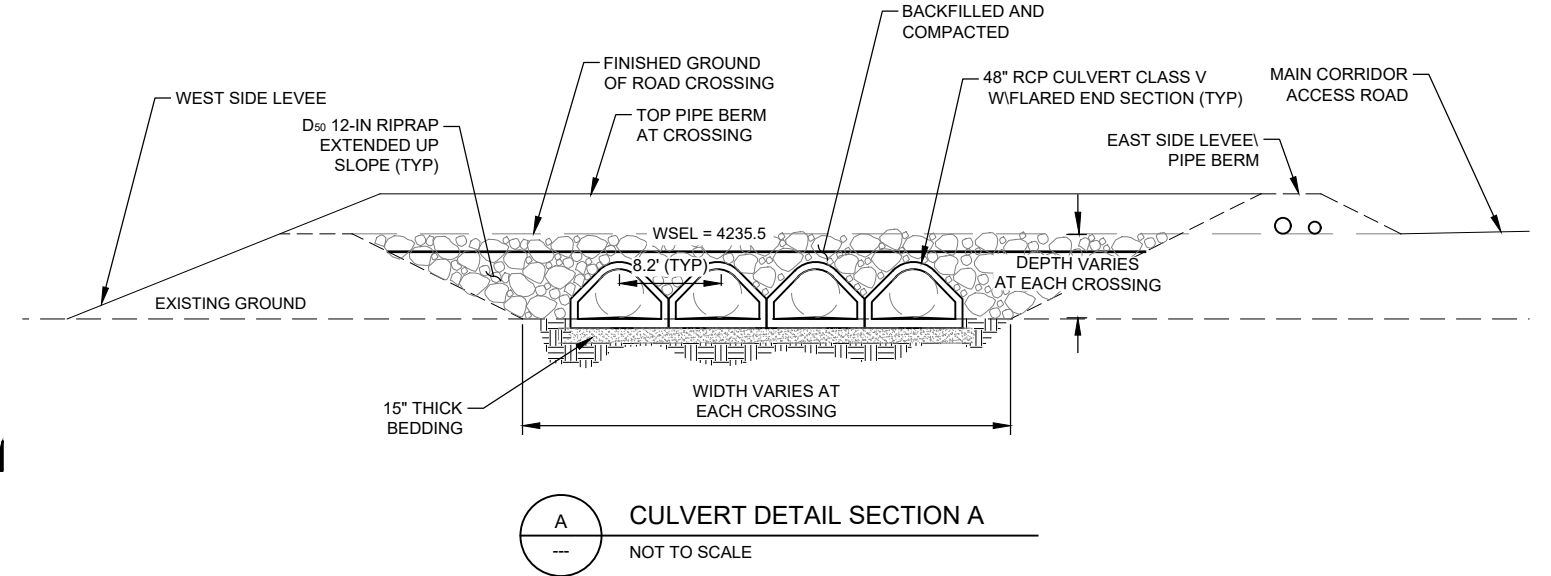
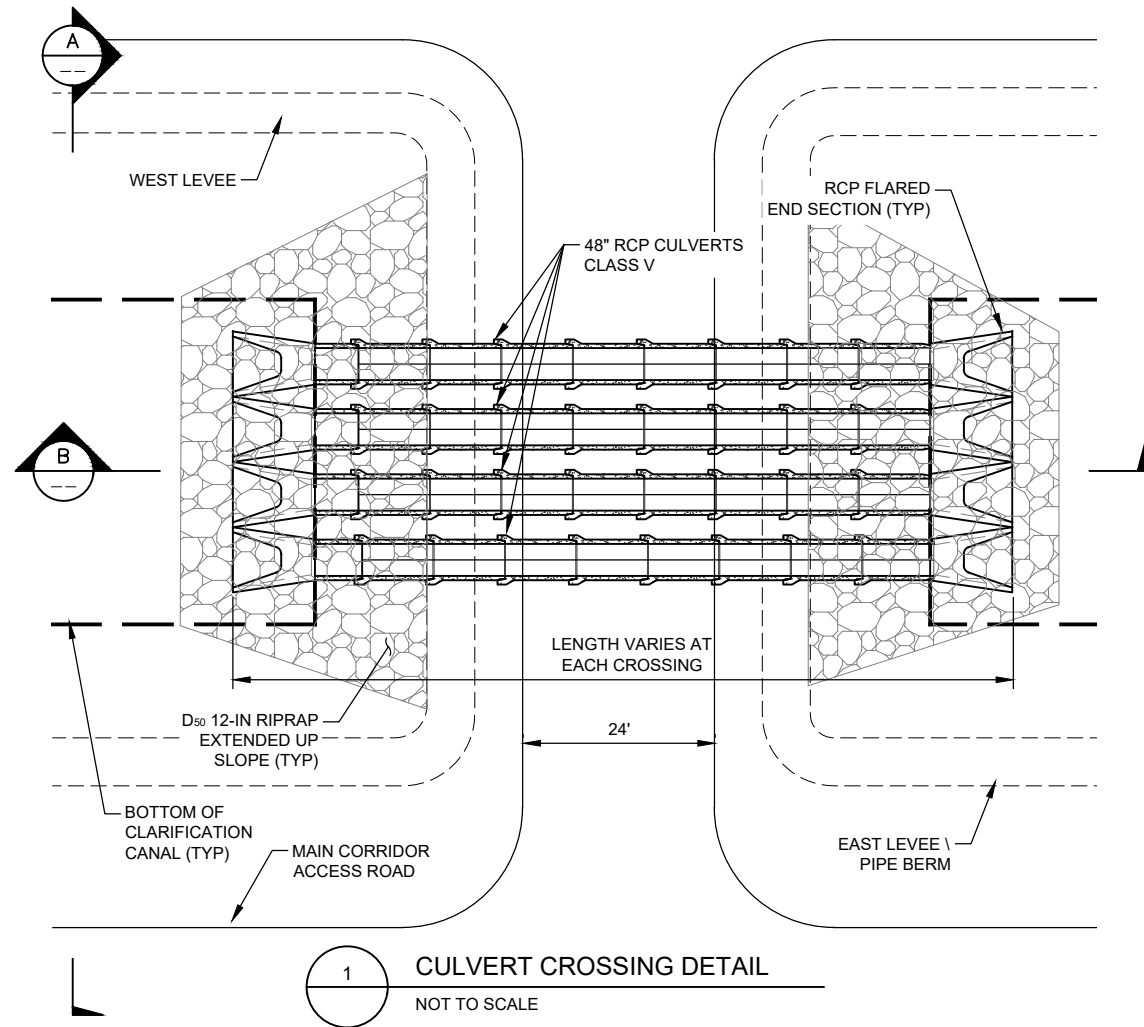
Prepared By : TRB

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EAST TAILINGS EXPANSION
CLARIFICATION CANAL
CLOSURE PLAN * DETAIL

BROWN, TOM, 2/4/2022 2:24 PM

DRAWING PATH: L:\DCS\Projects\WTR\60640901_KUC_NextPushBox\900_CAD\20-SHEETS\USACE\404-Figures\FIG 6-7-Clarification Canal Closure Detail.dwg



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EAST TAILINGS EXPANSION
CULVERT DETAILS

BROWN, TOL, 2/8/2022, 8:45 AM

DRAWING PATH: L:\DCS\Projects\WTR\60640901_KUC_NextPushBack\900_CAD\20-SHEETS\USACE\404-Figures\FIG 7-8-9-EB_Drain_System_P&F.dwg

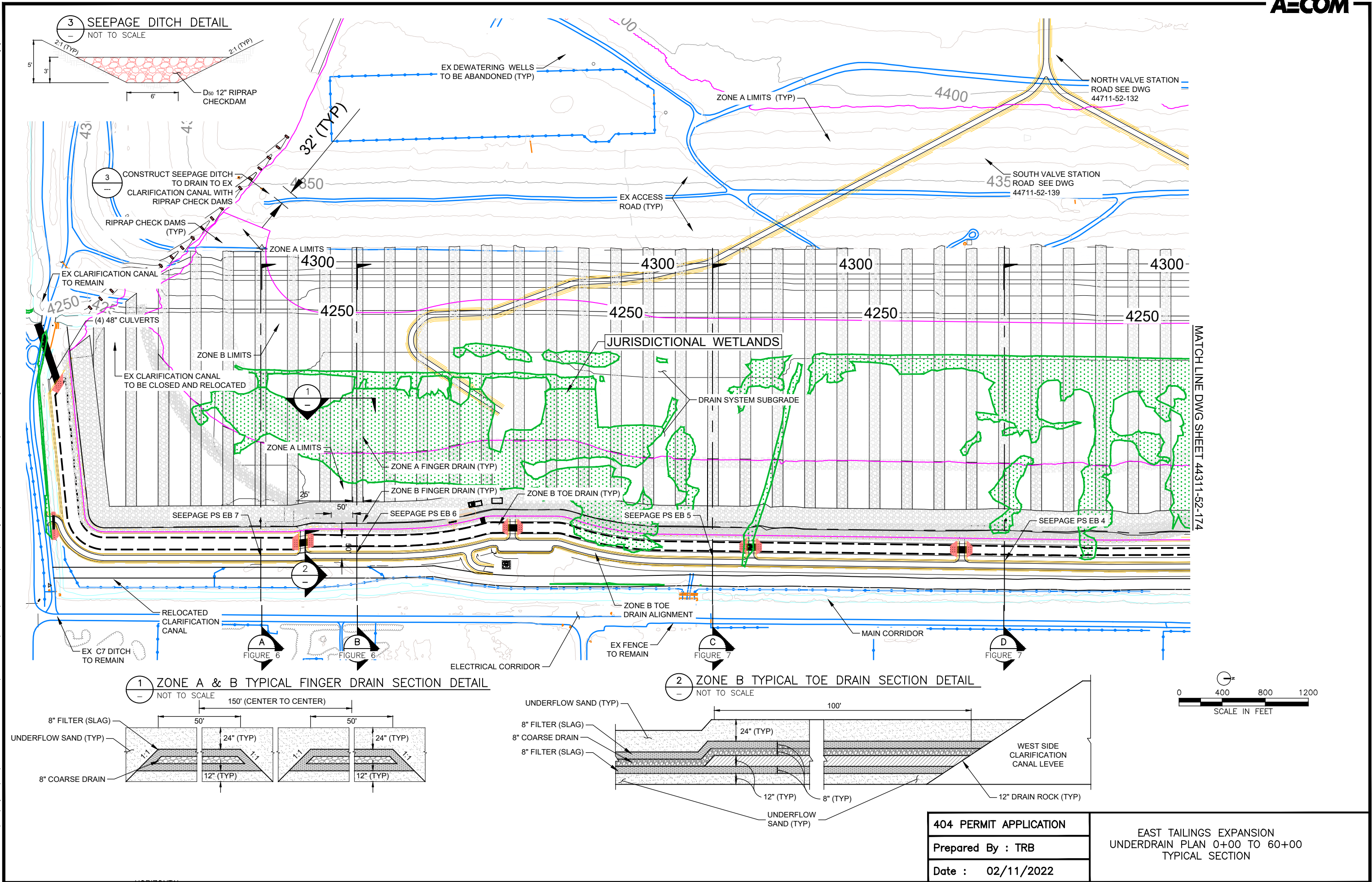
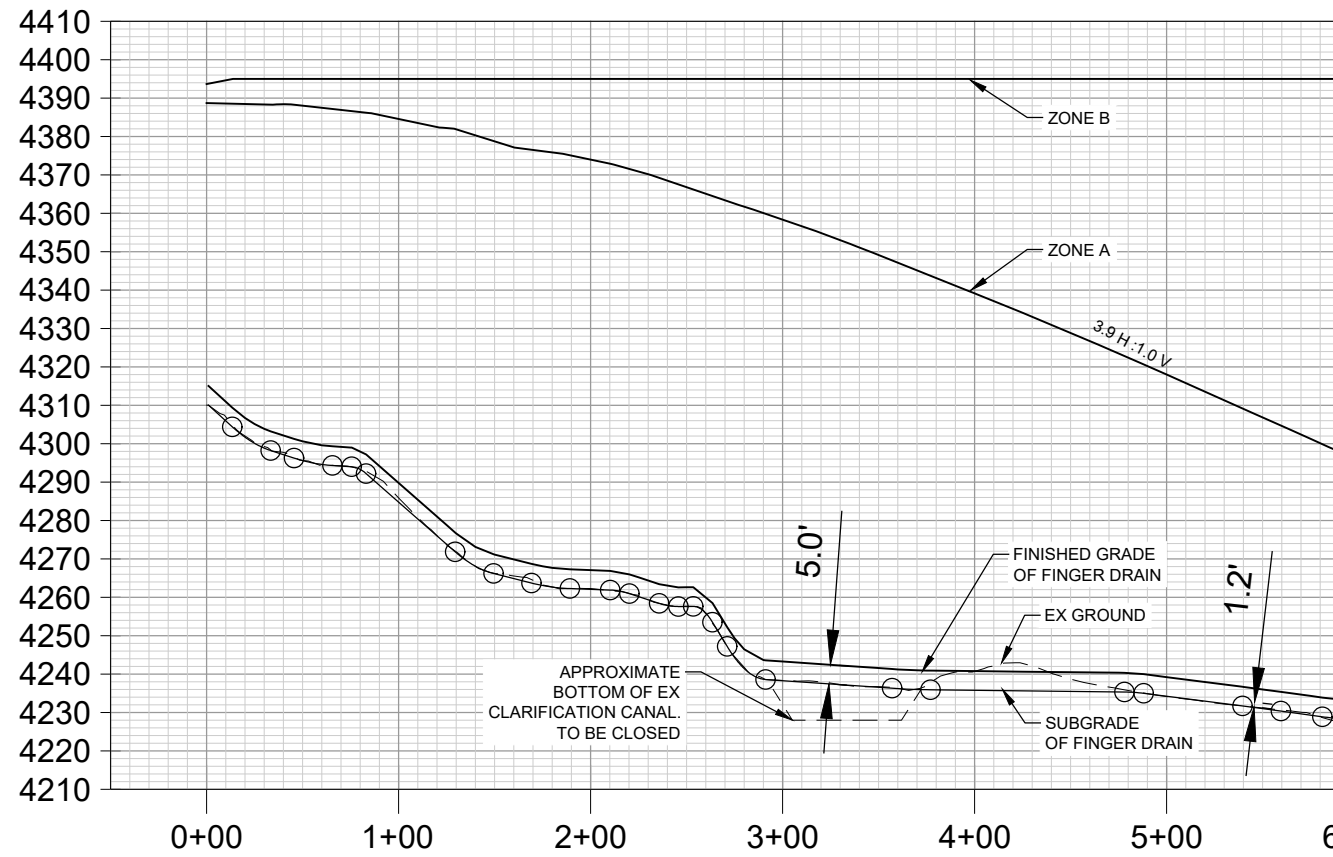


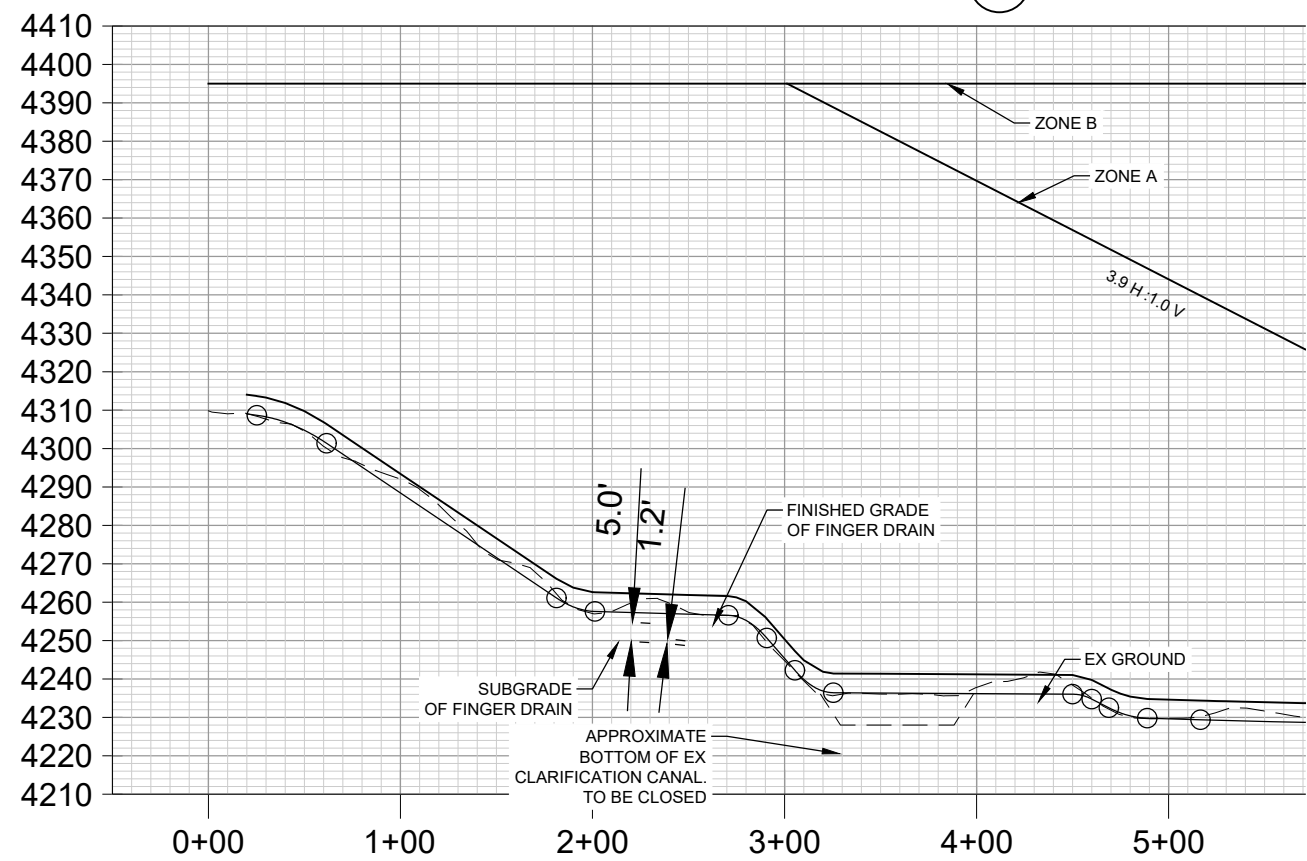
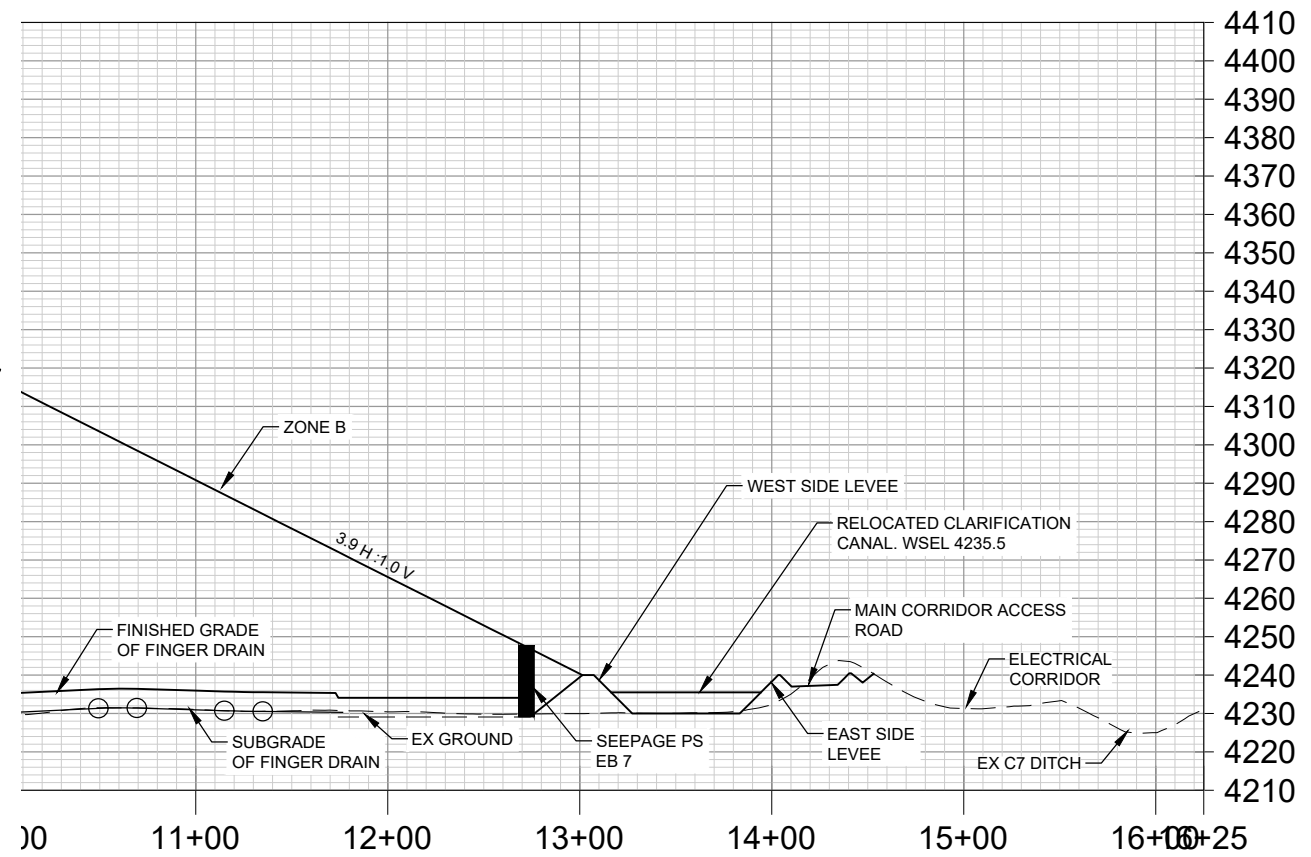
FIG. 8

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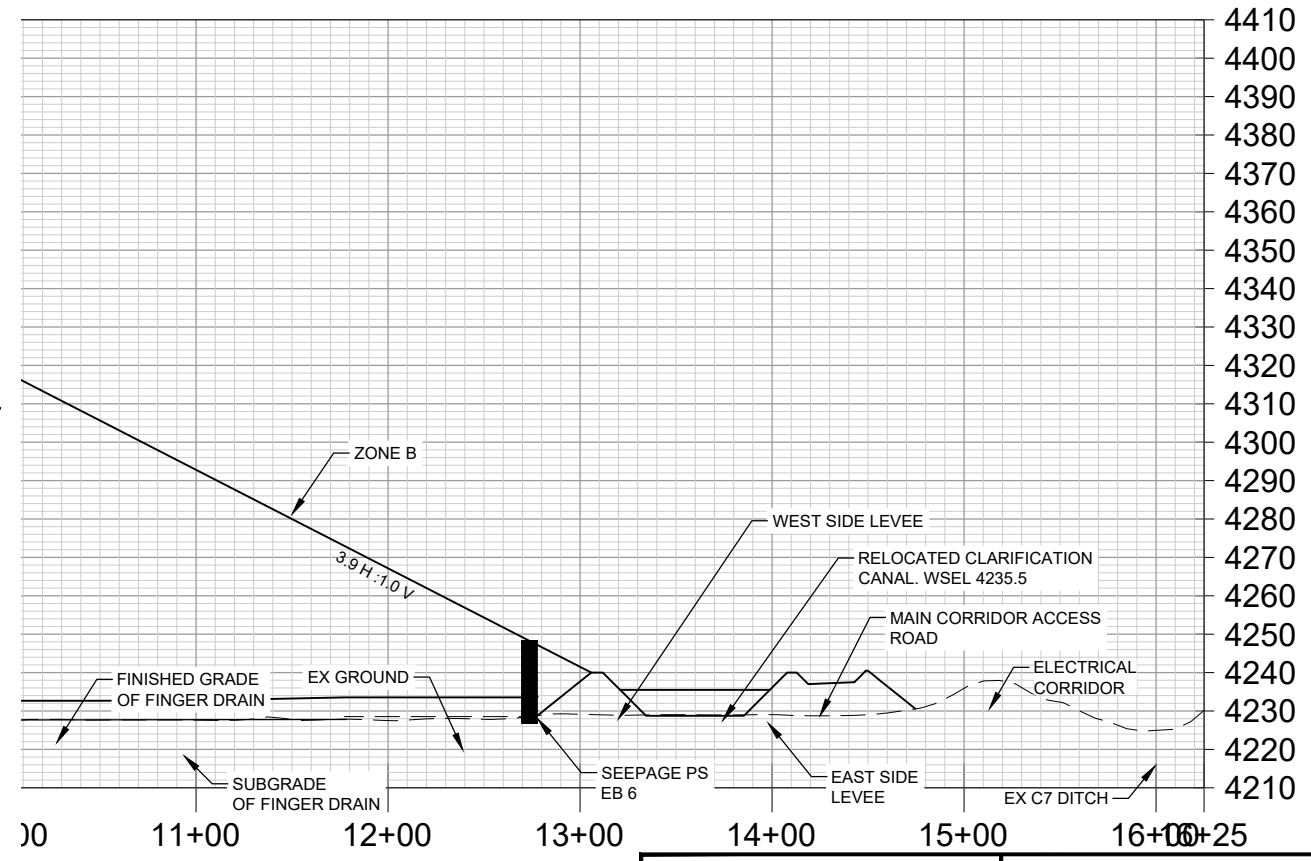
DRAWING PATH: L:\DCS\Projects\WTR\60640901_KUC_NextPushBack\900_CAD\20-SHEETS\USACE\404-Figures\FIG 7-8-9-EB_Drain_System_P&F.dwg



(A) FINGER DRAIN SECTION THROUGH SEEPAGE PS EB 7



(B) FINGER DRAIN SECTION THROUGH SEEPAGE PS EB 6



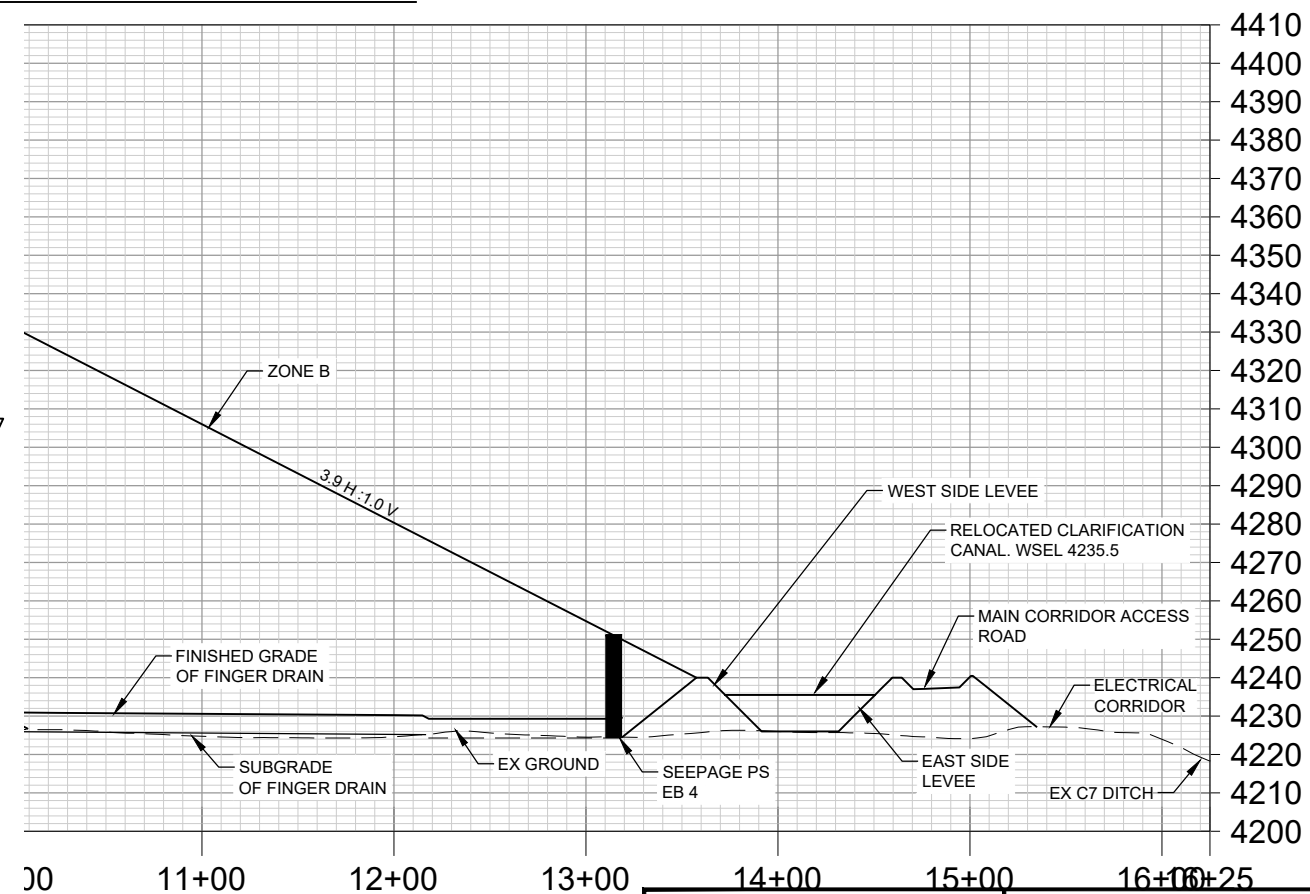
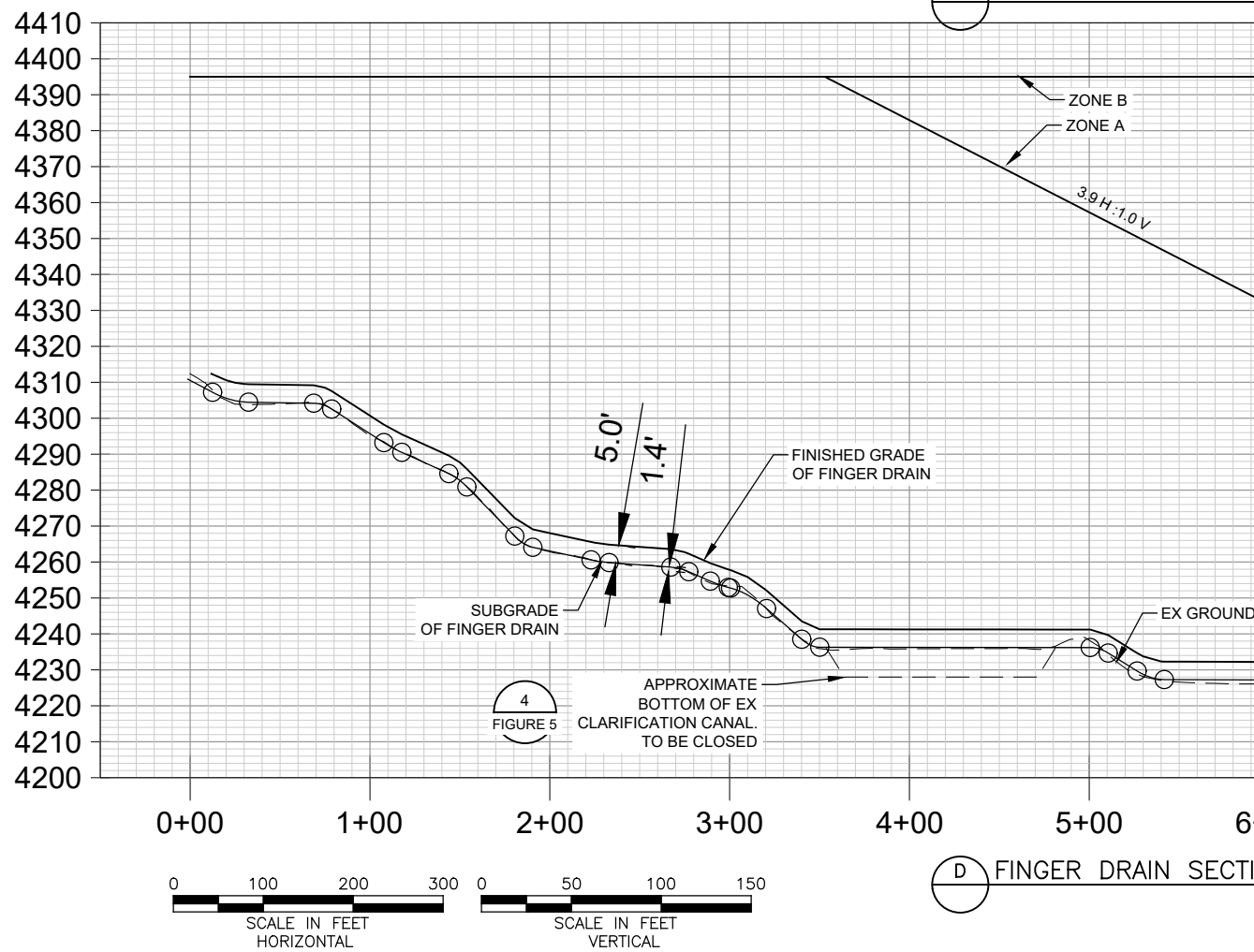
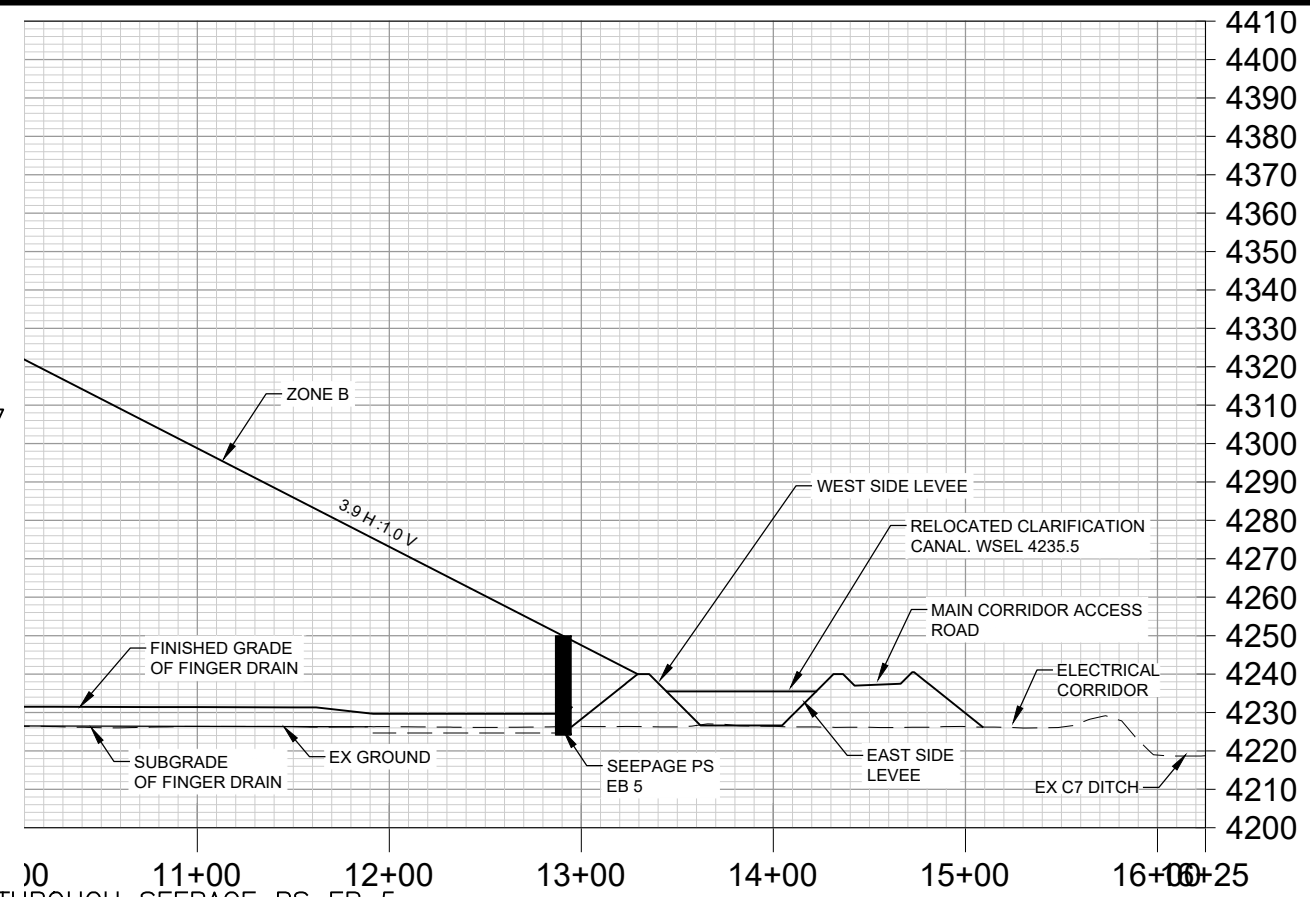
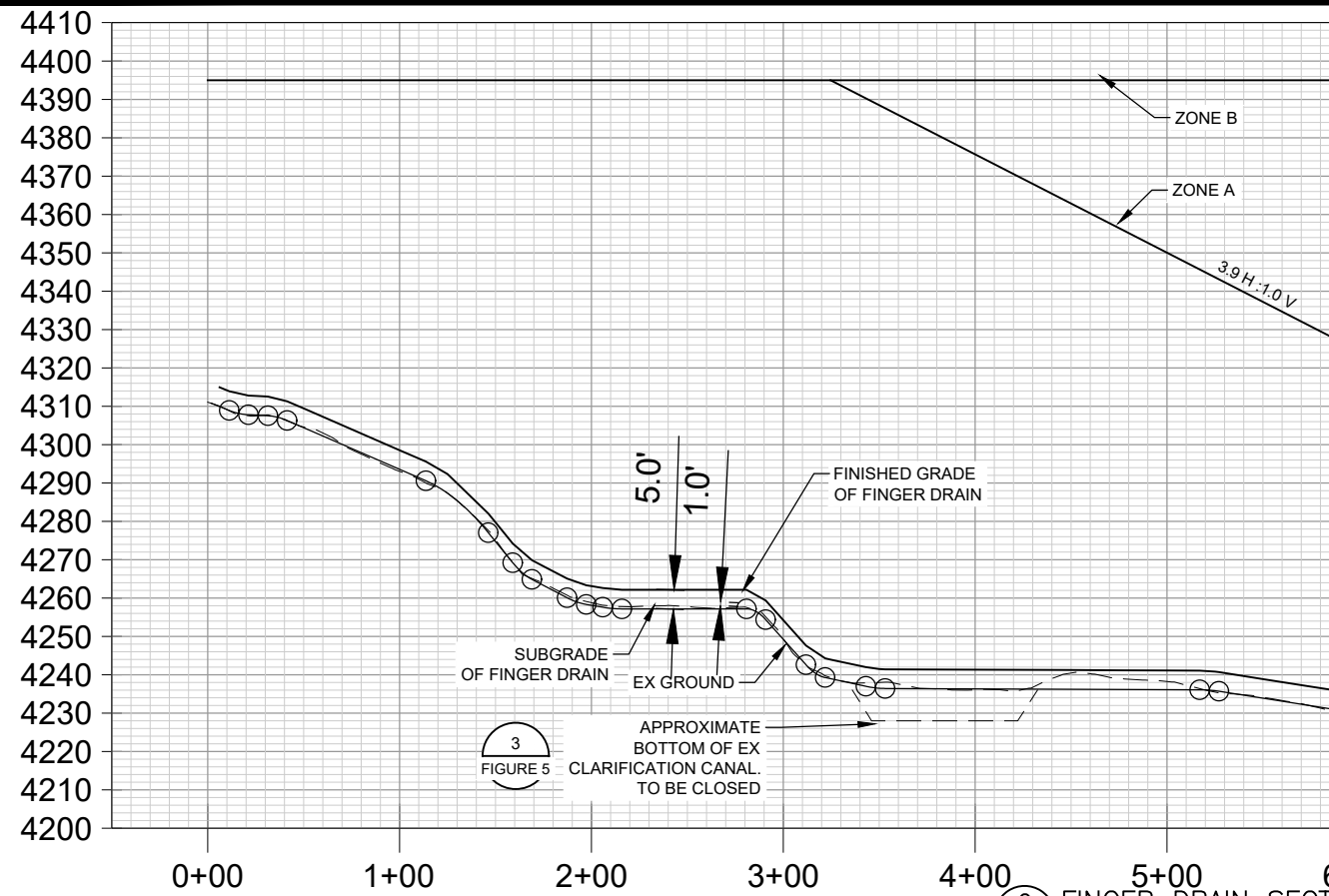
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EAST TAILINGS EXPANSION
FINGER DRAIN
SECTION A & B

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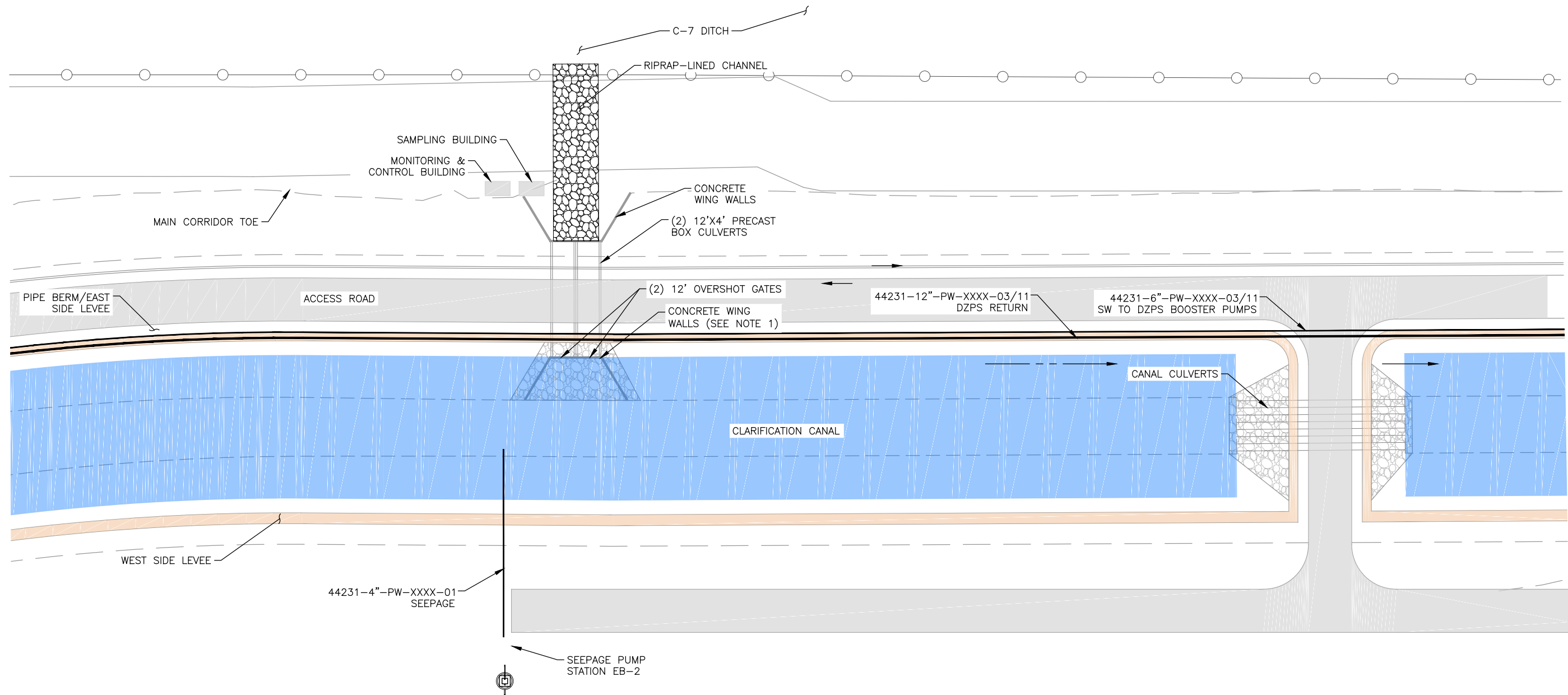


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EAST TAILINGS EXPANSION
FINGER DRAIN
SECTIONS C & D



PLAN



- NOTES:
1. LEVEL INDICATORS FOR THE CLARIFICATION CANAL (23-LW-304A AND 304B) SHOULD BE RELOCATED NEAR THE OUTFALL 002 WING WALLS.

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Date : 02/11/2022	

FIG. 11