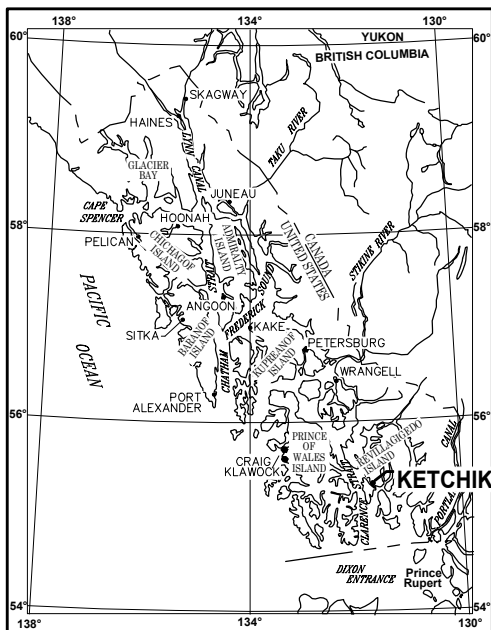
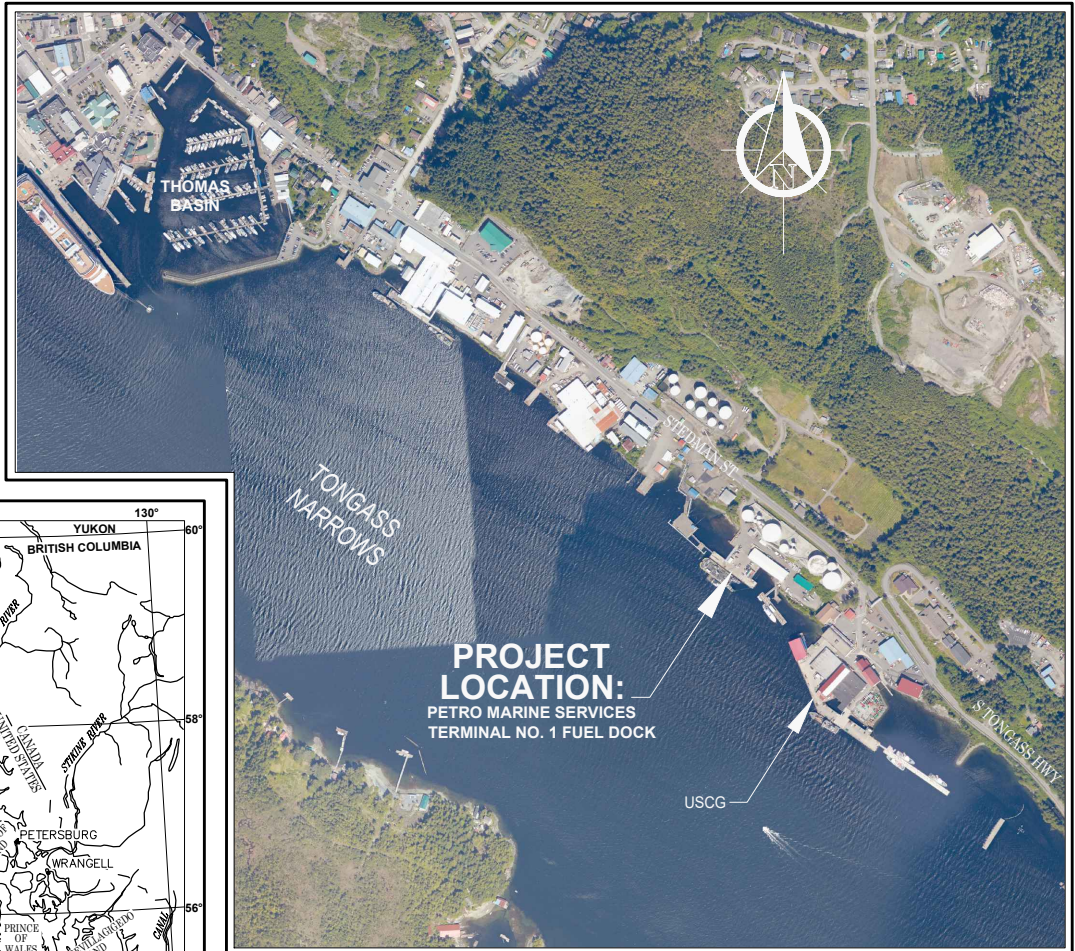
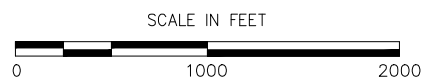




SOUTHEAST ALASKA

IMAGERY FROM:
NOAA OFFICE FOR COASTAL MANAGEMENT
DATA ACCESS VIEWER

VICINITY MAP



PURPOSE:
COMMERCIAL FUEL DOCK IMPROVEMENTS

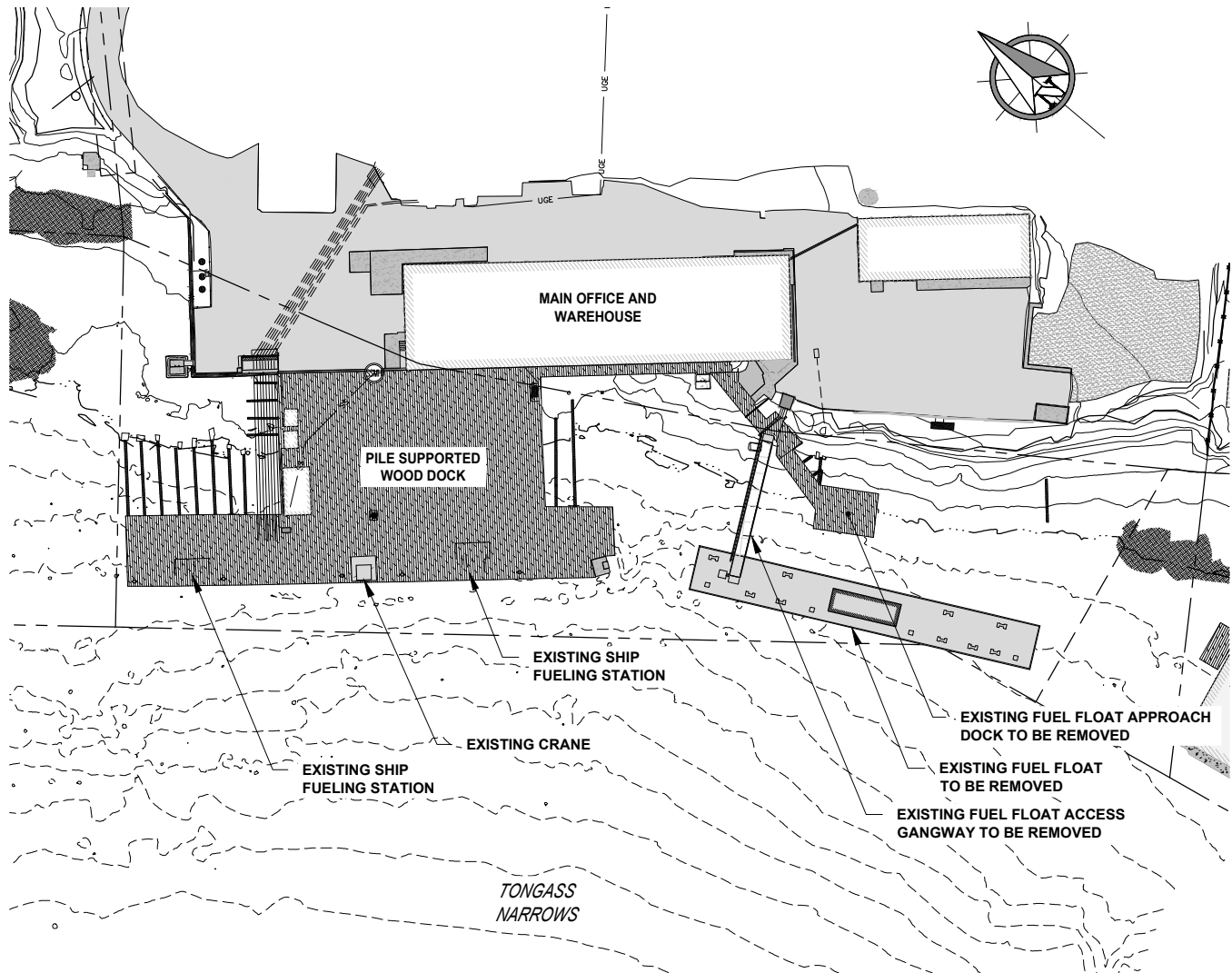
VICINITY MAP

PETRO MARINE KETCHIKAN FUEL TERMINAL NO.1 IMPROVEMENTS

DATUM:
MLLW = 0.0'
HTL = 19.7'
MHW = 14.5'

APPLICANT: PETRO MARINE SERVICES
FILE NO.: POA-XXX-XXXXX
WATERWAY: TONGASS NARROWS
PROPOSED ACTIVITY: COMMERCIAL FUEL DOCK IMPROVEMENTS
SEC. 30 T. 075S R. 091E M. COPPER RIVER MERIDIAN
LAT.: 55°20'02"N LONG.: -131°37'43"W
DATE: DECEMBER 2025

PND#: 252062.02



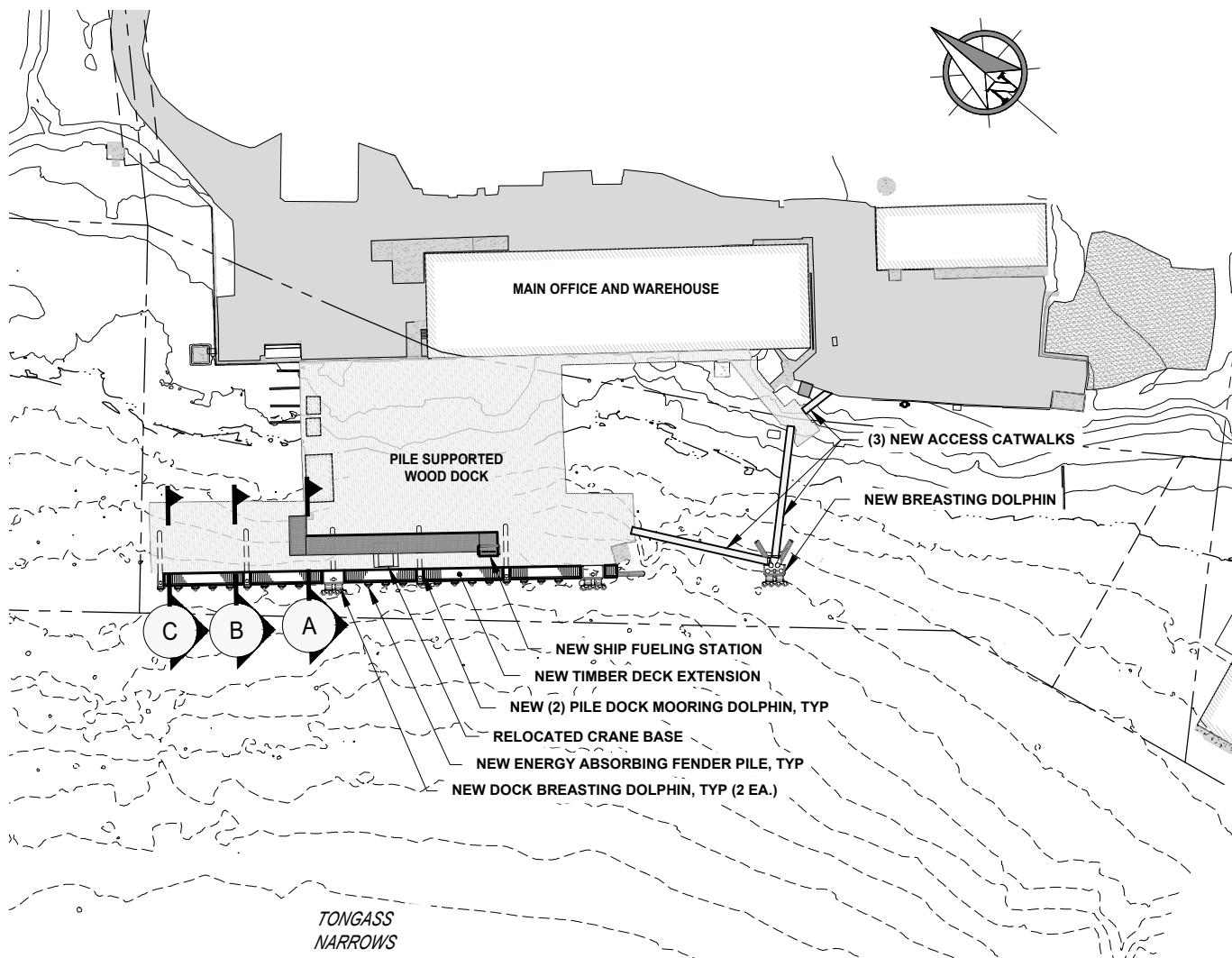
EXISTING CONDITIONS



PETRO MARINE KETCHIKAN FUEL TERMINAL NO.1 IMPROVEMENTS

APPLICANT: PETRO MARINE SERVICES
 FILE NO.: POA-XXX-XXXXX
 WATERWAY: TONGASS NARROWS
 PROPOSED ACTIVITY: COMMERCIAL FUEL DOCK IMPROVEMENTS
 SEC. 30 T. 075 S R. 091 E M COPPER RIVER MERIDIAN
 LAT.: 59°20'02" N LONG.: 131°37'43" W
 DATE: DECEMBER 2025

PND#: 252062.02



SITE PLAN



PETRO MARINE KETCHIKAN FUEL TERMINAL NO.1 IMPROVEMENTS

APPLICANT: PETRO MARINE SERVICES
 FILE NO.: POA-XXX-XXXXX
 WATERWAY: TONGASS NARROWS
 PROPOSED ACTIVITY: COMMERCIAL FUEL DOCK IMPROVEMENTS
 SEC. 30 T. 075 S R. 091 E M COPPER RIVER MERIDIAN
 LAT.: 59°20'02" N LONG.: 131°37'43" W
 DATE: DECEMBER 2025

PND#: 252062.02

STRUCTURE SUMMARY	
ITEM	QUANTITY
MAIN DOCK EXTENSION (TIMBER)	6FT x 260FT (1,560)SF
BREASTING/MOORING DOLPHIN	3 EA
MOORING DOLPHIN	4 EA
FENDER PILES	17 EA
ACCESS CATWALK	(2)–80FT; (1)– 30FT

PILE REMOVAL SUMMARY					
	CONSTRUCTION METHOD	PROJECT TOTAL	BELOW HTL (EL=20.6')	BELOW MHW (EL=15.3')	BELOW MLLW (EL=0')
MAIN DOCK : 10"-16"Ø TIMBER FENDER PILES	VIBRATORY REMOVAL	70	70	70	70
FUEL FLOAT APPROACH DOCK: 10"-16"Ø TIMBER PILES	VIBRATORY REMOVAL	40	40	40	40
FUEL FLOAT : 24" Ø STEEL MOORING PILES	VIBRATORY REMOVAL	8	8	8	8
TEMPORARY PILES					
TEMPORARY CONSTRUCTION PILES 24"Ø STEEL PIPE PILES	VIBRATORY REMOVAL	24	24	24	24

PILE INSTALLATION SUMMARY					
	CONSTRUCTION METHOD	PROJECT TOTAL	BELOW HTL (EL=20.6')	BELOW MHW (EL=15.3')	BELOW MLLW (EL=0')
MOORING DOLPHIN 24"Ø STEEL PIPE PILES	VIBRATORY/ IMPACT/ DRILLED ANCHOR	8	8	8	8
BREASTING DOLPHIN 30"Ø STEEL PIPE PILES	VIBRATORY/ IMPACT/ DRILLED ANCHOR	10	10	10	10
BREASTING DOLPHIN 24"Ø STEEL PIPE FENDER PIN PILES	VIBRATORY/ IMPACT	6	6	6	6
CRANE BASE 16"Ø STEEL PIPE PILES	VIBRATORY/ IMPACT	4	4	4	4
DOCK FENDER PILES (16"Ø STEEL PIPE PILES)	VIBRATORY/ IMPACT	18	18	18	18
DOCK REPAIR PILES (16"Ø STEEL PIPE PILES)	VIBRATORY/ IMPACT	8	8	8	8
TEMPORARY CONSTRUCTION PILES 24"Ø STEEL PIPE PILES	VIBRATORY/ IMPACT	24	24	24	24

SUMMARY TABLES

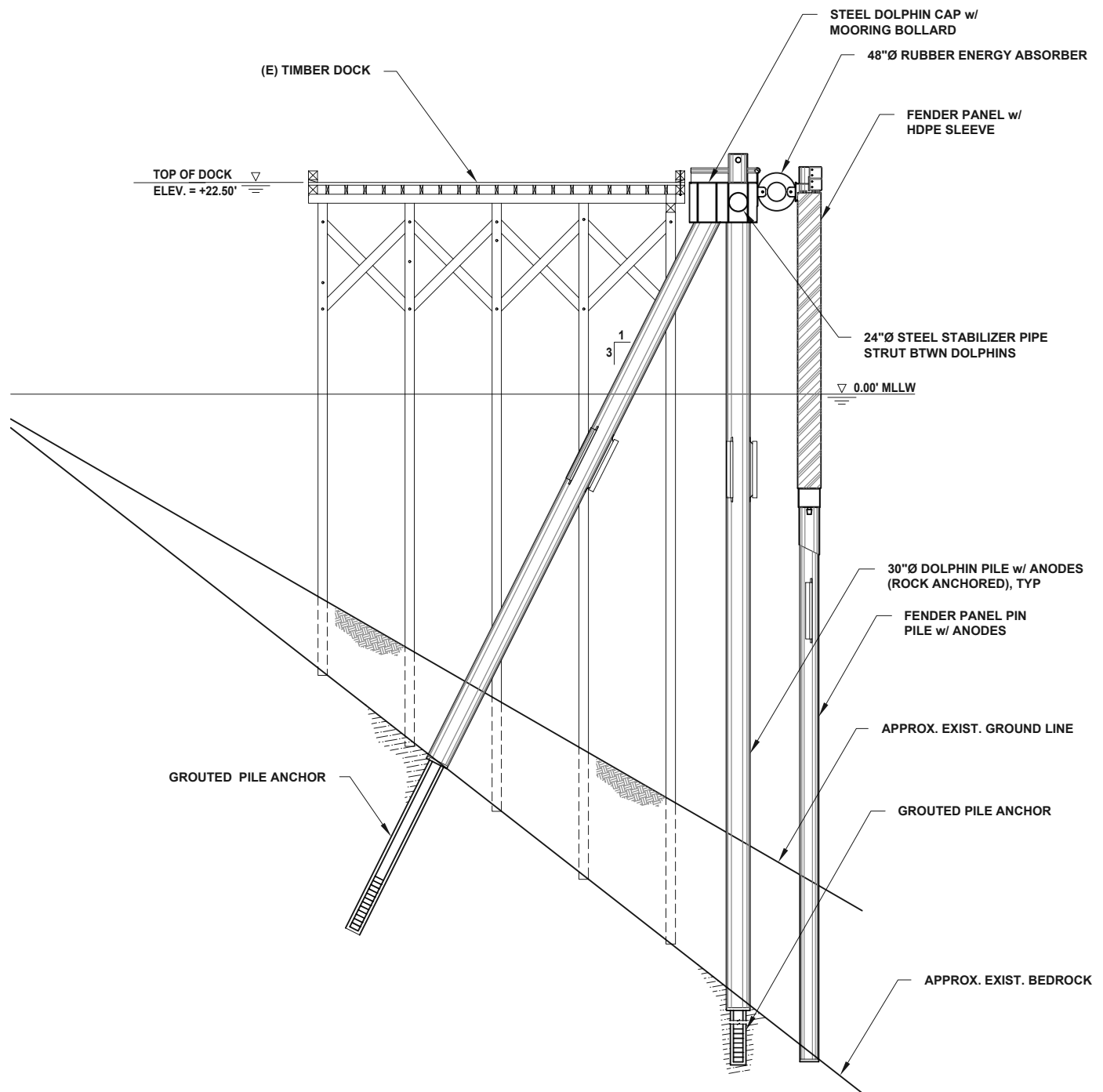
NOTE:

VIBRATORY/ IMPACT = VIBRATORY PILE DRIVER WILL BE USED AS THE PRIMARY INSTALLATION METHOD;
IMPACT PILE DRIVER WILL BE USED TO PROOF THE PILES FOR ADEQUATE RESISTANCE AND SOIL PENETRATION.
DRILLED ANCHOR = UNDERLYING BEDROCK WILL BE DRILLED TO INSTALL A GROUTED ANCHOR.

PETRO MARINE KETCHIKAN FUEL TERMINAL NO.1 IMPROVEMENTS

APPLICANT: PETRO MARINE SERVICES
FILE NO.: POA-XXX-XXXXX
WATERWAY: TONGASS NARROWS
PROPOSED ACTIVITY: COMMERCIAL FUEL DOCK IMPROVEMENTS
SEC. 30 T. 075 S R. 091 E M COPPER RIVER MERIDIAN
LAT.: 59°20'02" N LONG.: 131°37'43" W
DATE: DECEMBER 2025

PND#: 252062.02



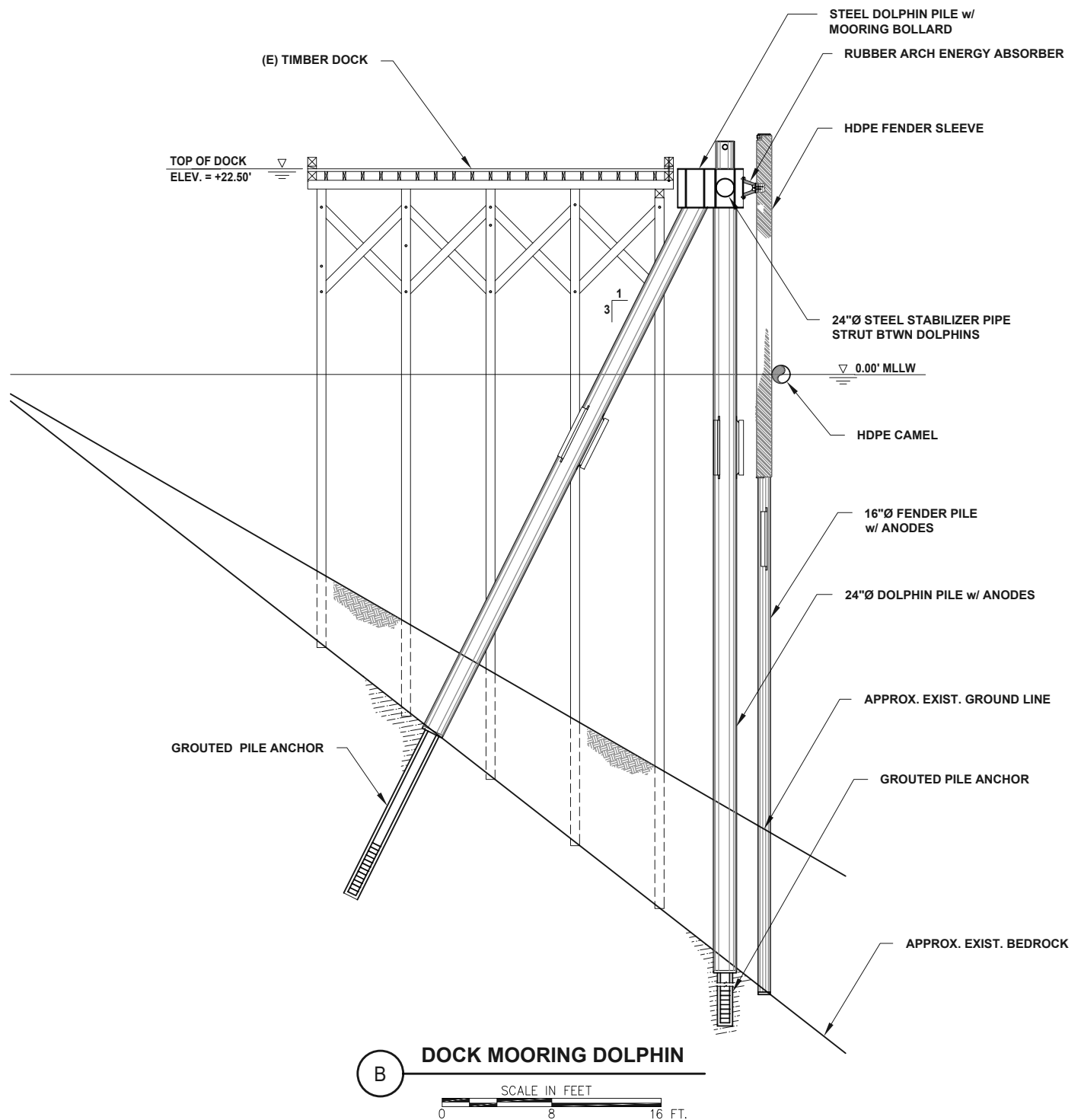
A **DOCK BREASTING DOLPHIN**

SCALE IN FEET
0 8 16 FT.

PETRO MARINE KETCHIKAN FUEL TERMINAL NO.1 IMPROVEMENTS

APPLICANT: PETRO MARINE SERVICES
 FILE NO.: POA-XXX-XXXXX
 WATERWAY: TONGASS NARROWS
 PROPOSED ACTIVITY: COMMERCIAL FUEL DOCK IMPROVEMENTS
 SEC. 30 T. 075 S R. 091 E M COPPER RIVER MERIDIAN
 LAT.: 59°20'02" N LONG.: 131°37'43" W
 DATE: DECEMBER 2025

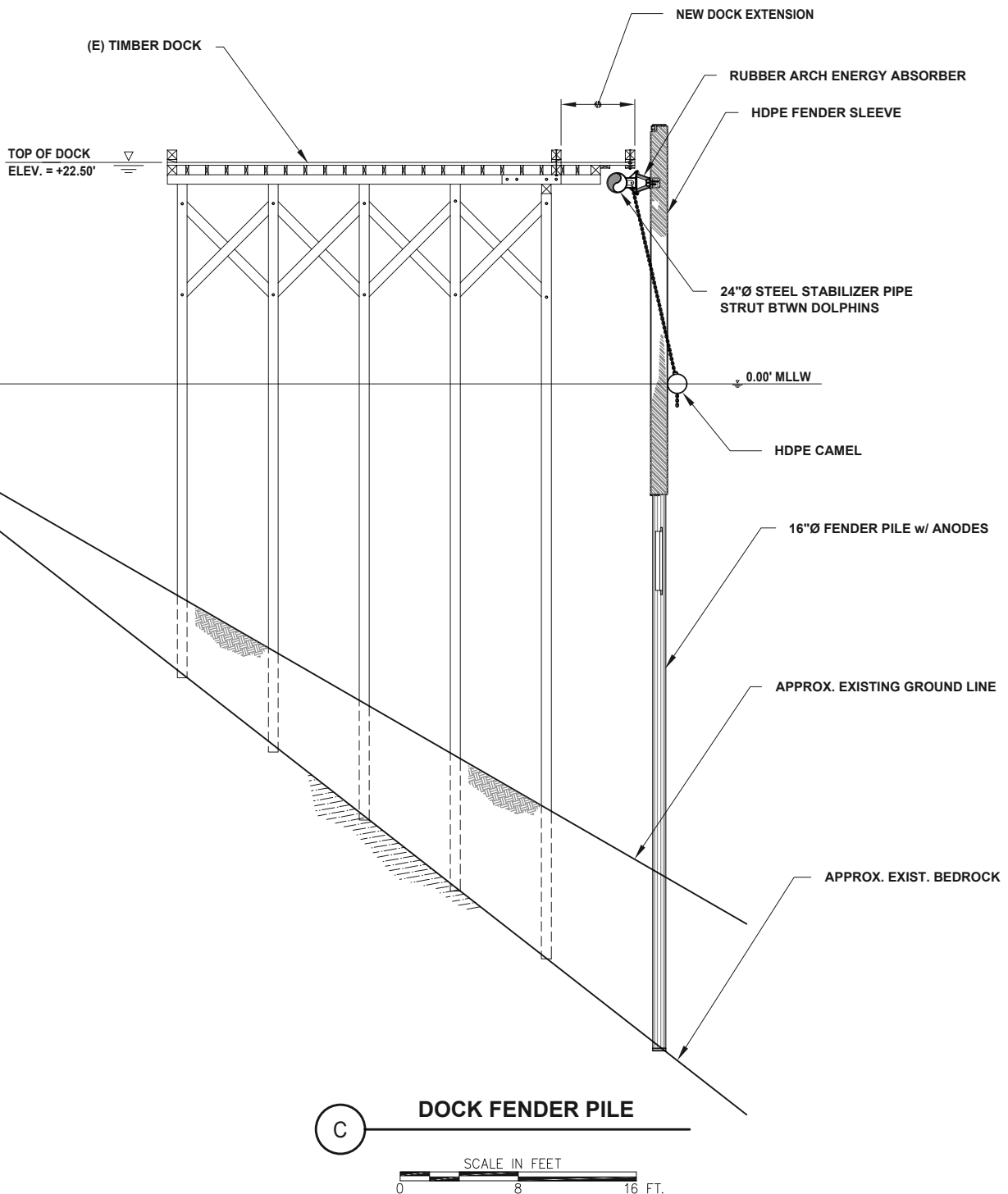
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PETRO MARINE KETCHIKAN FUEL TERMINAL NO.1 IMPROVEMENTS

APPLICANT: PETRO MARINE SERVICES
 FILE NO.: POA-XXX-XXXXX
 WATERWAY: TONGASS NARROWS
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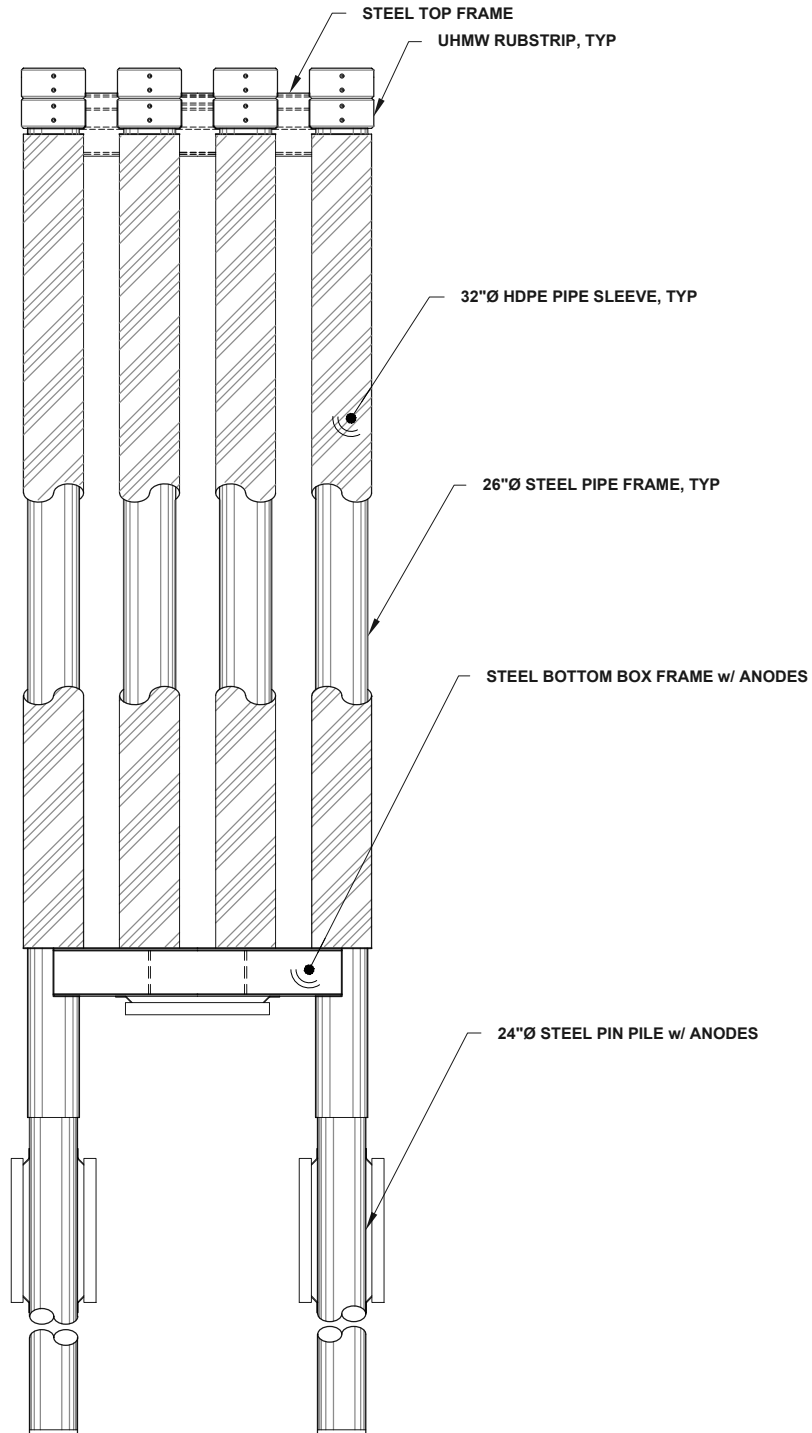
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PETRO MARINE KETCHIKAN FUEL TERMINAL NO.1 IMPROVEMENTS

APPLICANT: PETRO MARINE SERVICES
 FILE NO.: POA-XXX-XXXXX
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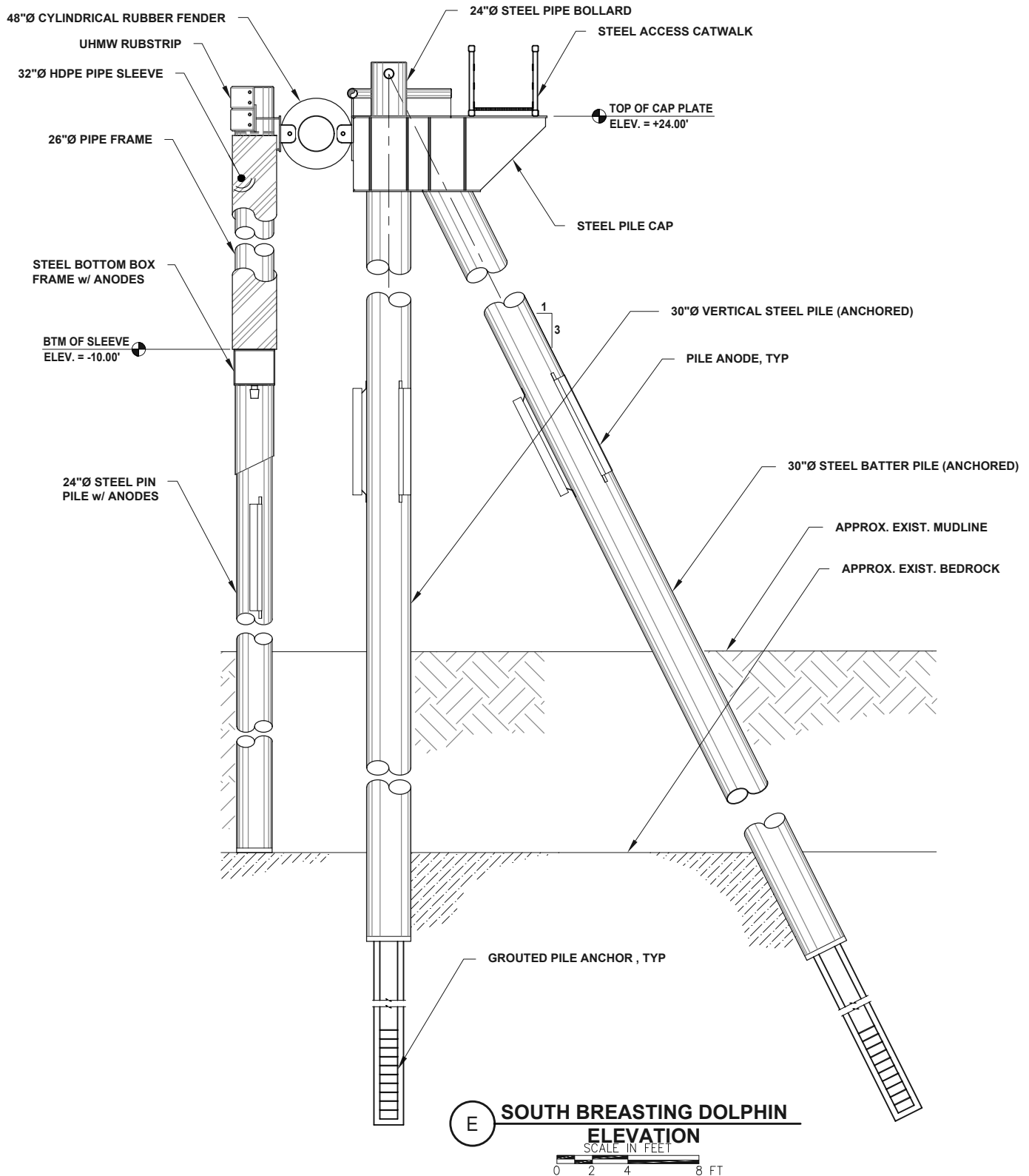
**D SOUTH BREASTING DOLPHIN
FRONT ELEVATION**

SCALE IN FEET
0 2 4 8 FT

PETRO MARINE KETCHIKAN FUEL TERMINAL NO.1 IMPROVEMENTS

APPLICANT: PETRO MARINE SERVICES
FILE NO.: POA-XXX-XXXXX
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