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Applied Technology & Management, Inc.
2200 N. Ponce De Leon Blvd. #9
St. Augustine, FL 32084
(904) 435-1355

ATM

INLET DRIVE - CONCEPT DESIGN
EXISTING CONDITIONS
ST. AUGUSTINE, ST. JOHNS COUNTY, FL

DESIGNED DRAWN CHECKED
TM MM DATE
June 30, 2019
JOB NO.
SCALE 1" = 30'

REV	DATE	DRAWN	CHECKED	BY	REMARKS
4					
3					
2					
1					

DRAWING NUMBER
1 of 5



GENERAL NOTES:

1. BASE SURVEY COMPLETED BY GEOMATICS CORP. ON AUGUST 25, 2018.
2. AERIAL IS DATED 2017 AND WAS DOWNLOADED FROM LABINGS.ORG.

GEOMATICS CORP. SURVEY NOTES:

1. BEARINGS REFER TO THE FLORIDA STATE PLANE COORDINATE SYSTEM, FLORIDA EAST ZONE (901), NORTH AMERICAN DATUM OF 1983, 1990 ADJUSTMENT (NAD 83/90), AND WERE DERIVED FROM GPS OBSERVATIONS UTILIZING TRIMBLE VRS NOW RTK NETWORK, UNLESS NOTED OTHERWISE. COORDINATES SHOWN ARE EXPRESSED IN U.S. SURVEY FEET.
2. THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A TITLE ABSTRACT.
3. THIS IS A SURFACE SURVEY ONLY. UNDERGROUND IMPROVEMENTS SUCH AS FOOTERS AND UTILITIES, IF ANY, WERE NOT LOCATED.
4. ACCORDING TO ST. JOHNS COUNTY GIS WEB SITE, THE SUBJECT PROPERTY SHOWN HEREON LIES IN FLOOD ZONE AE(9) REFERENCES FLOOD INSURANCE RATE MAP (FIRM) NUMBER 12109C0318H, REVISED 9/2/2004.
5. THIS IS NOT A BOUNDARY SURVEY.
6. ELEVATIONS SHOWN HEREON ARE BASED ON COAST AND GEODETIC SURVEY BENCHMARK IN TOP OF CONCRETE MONUMENT WITH DISK STAMPED E 322 1970, ELEVATION = 5.41 PER NAVD 88.
7. THE APPROXIMATE MEAN HIGH AND LOW WATER ELEVATIONS SHOWN HEREON WERE TAKEN FROM THE LAND BOUNDARY INFORMATION SYSTEM (LABINS) AND REFERS TO TIDE INTERPOLATION I.D. 3795 WITH A HIGH ELEVATION OF 1.71 FEET AND A LOW ELEVATION OF -2.72 FEET, NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD88).

INLET DRIVE - CONCEPT DESIGN
PROPOSED IMPROVEMENTS (OPTION 1)
ST. AUGUSTINE, ST. JOHNS COUNTY, FL

Applied Technology & Management, Inc.
2200 N. Ponce De Leon Blvd. #9
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DRAWING NUMBER
2 of 5

REV	DATE	DRAWN	CHECKED	BY	REMARKS
1	June 30, 2019	MM	TM		
2					
3					
4					

Elevation in Feet (NAVD88)



Profile 2+00

Elevation in Feet (NAVD88)

Distance in Feet

APPROX. MANGROVE LIMITS

MHW: 1.71'

EXISTING GRADE

PROPOSED REVETMENT (OPTION 1)

EXISTING COQUINA WALL (TYP., TO BE REMOVED)

Profile 4+00

Elevation in Feet (NAVD88)

Distance in Feet

APPROX. MANGROVE LIMITS

PROPOSED REVETMENT (OPTION 1)

EXISTING COQUINA WALL (TYP., TO BE REMOVED)

EXISTING GRADE

MHW: 1.71'

Profile 3+00

Elevation in Feet (NAVD88)

APPROX. MANGROVE LIMITS

PROPOSED REVETMENT (OPTION 1)

EXISTING COQUINA WALL (TYP., TO BE REMOVED)

EXISTING GRADE

MHW: 1.71'

Distance in Feet

0+00 0+25.00 0+50.00 0+75.00 1+00

Profile 5+00

Elevation in Feet (NAVD88)

Distance in Feet

MHW: 1.71'

EXISTING GRADE

C
PERM

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PERMITTING OR CONSTRUCTION

REV	CHNO	DATE	BY	REMARKS
4				
3				
2				
1				

DESIGNED	TM	DRAWN	MM	CHECKED	TM
DATE: June 30, 2019					
JOB NO.					
SCALE:					

INLET DRIVE - CONCEPT DESIGN
REVIEWMENT PROFILES (OPTION 1)
ST. AUGUSTINE, ST. JOHNS COUNTY, FL

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LEGEND / ABBREVIATIONS

IRF		DENOTES FOUND IRON ROD FOUND
IFP		DENOTES FOUND IRON PIPE FOUND
.....	.....	DENOTES FOUND IRON PIPE OR IRON ROD, AS NOTED
CUB	.....	DENOTES CUB
.....	.....	DENOTES ELECTRIC METER BOX
.....	.....	DENOTES TELEPHONE RISER
.....	.....	DENOTES CENTERLINE
X(5.0)	.....	DENOTES SPOT ELEVATION
-TOE-	.....	DENOTES TOE OF SLOPE
-TOB-	.....	DENOTES TOP OF BANK
.....	.....	DENOTES YARD LIGHT
INV.	.....	DENOTES INVERT
ELEV.		DENOTES ELEVATION
CMP		DENOTES CORRUGATED METAL PIPE

GENERAL NOTES:

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GEOMATICS CORP. SURVEY NOTES:

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INLET DRIVE - CONCEPT DESIGN
PROPOSED IMPROVEMENTS (OPTION 2)
ST. AUGUSTINE, ST. JOHNS COUNTY, FL

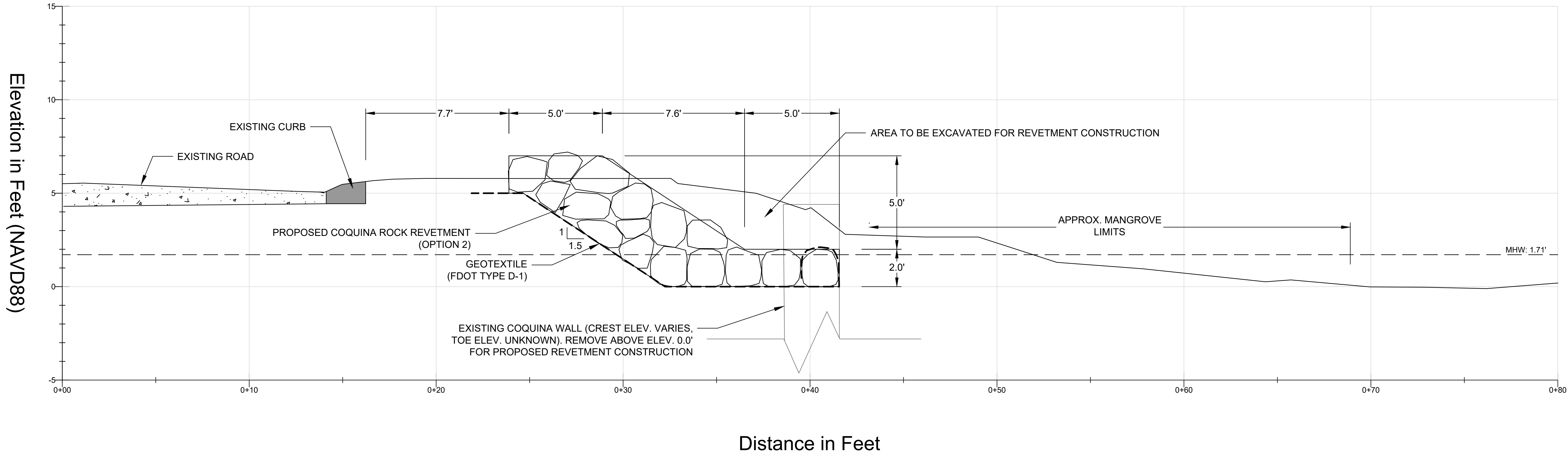
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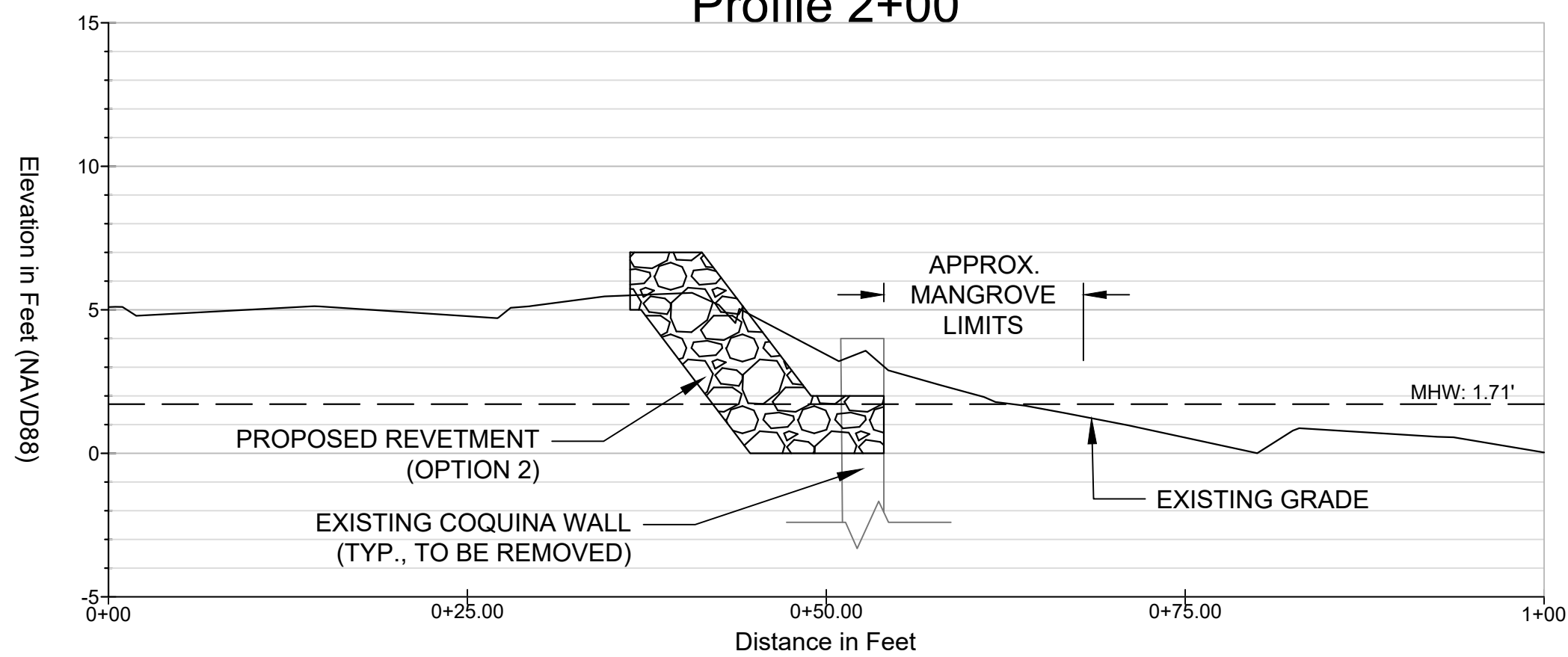
REV	DATE	DRAWN	CHECKED	BY	REMARKS
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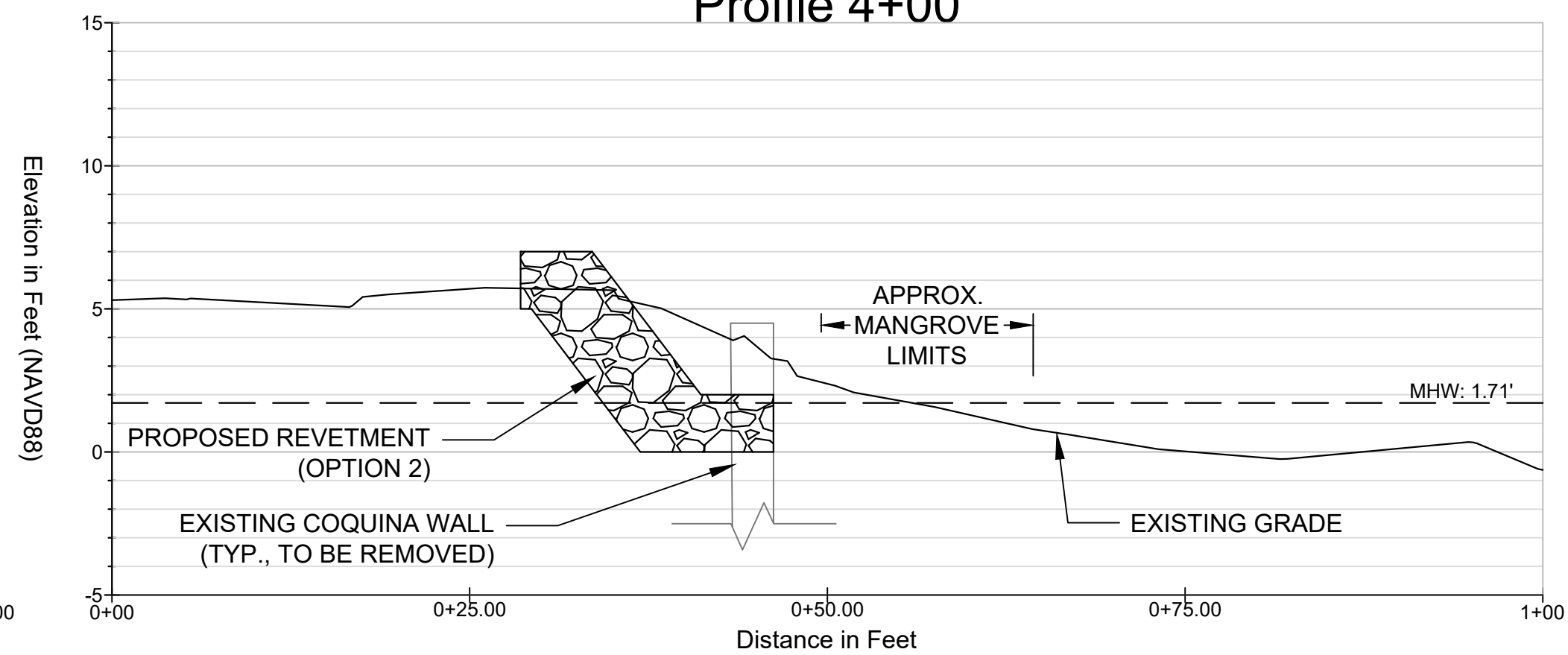
Profile View of 1+00



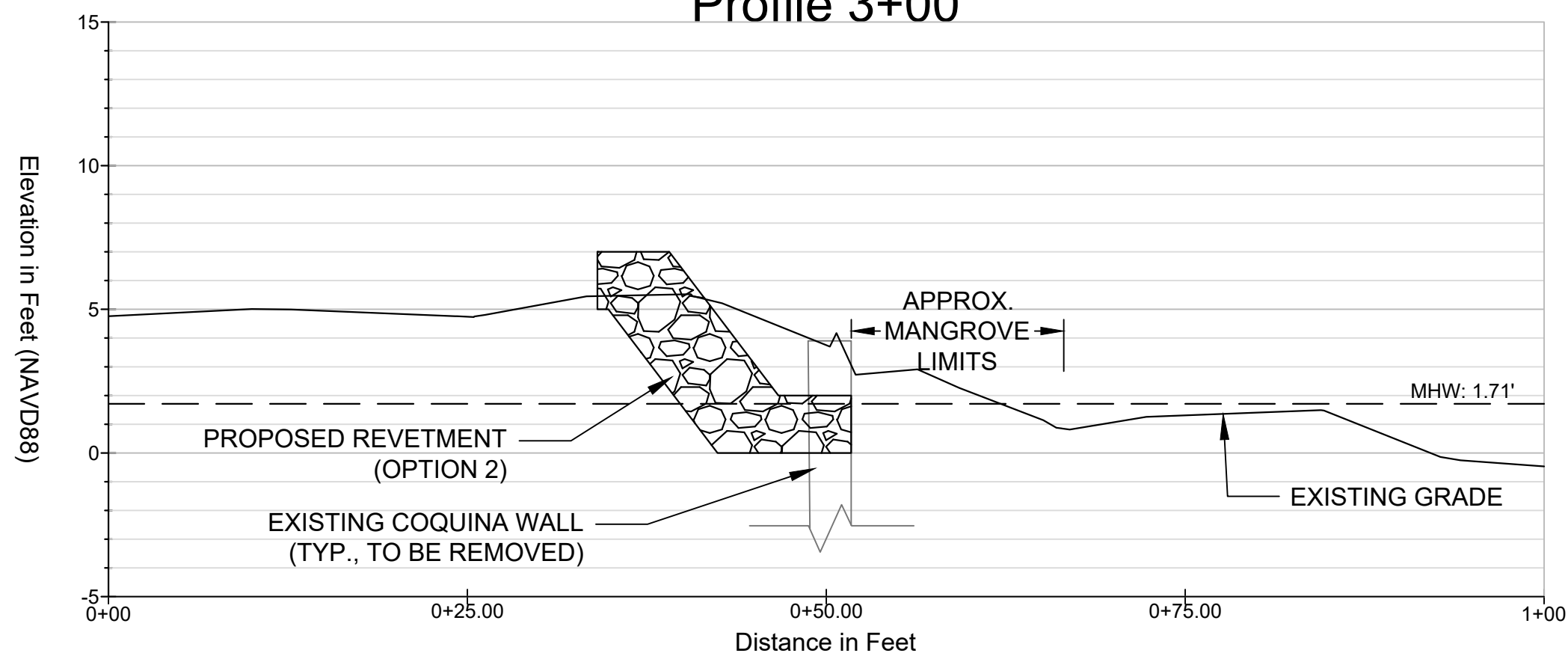
Profile 2+00



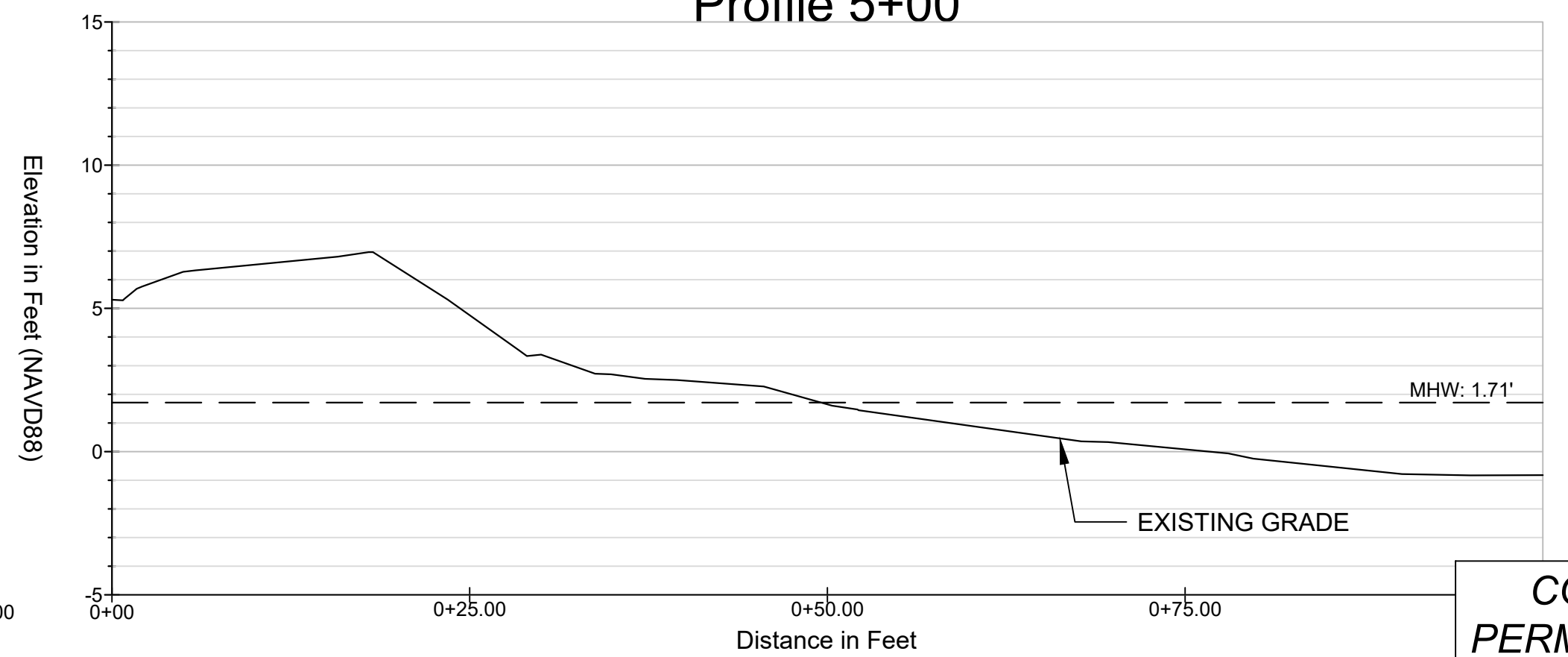
Profile 4+00



Profile 3+00



Profile 5+00



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INLET DRIVE - CONCEPT DESIGN
REVTMENT PROFILES (OPTION 2)
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DRAWING NUMBER
5 of 5

REV	DATE	DRAWN	CHECKED	REMARKS
No.		BY	TM	
4				
3	June 30, 2019			
2				
1				