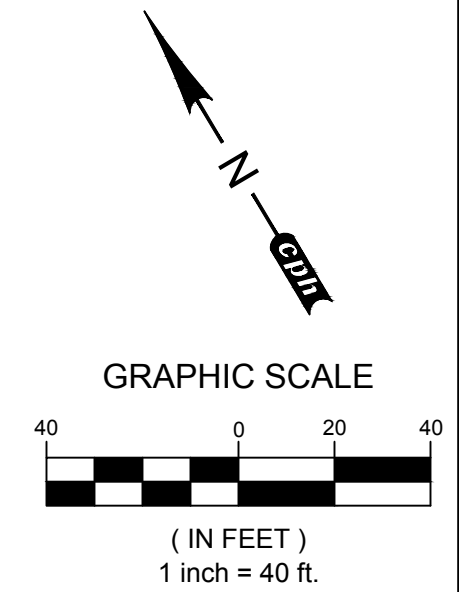


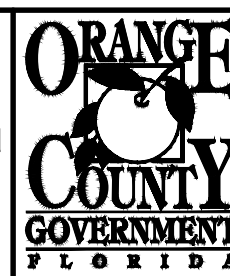
- NOTE:**
- CONTRACTOR SHALL CLEAN, SCARIFY AND LEVEL THE BOTTOM OF RIB 11 TO ELEVATION 98.00 AND RESHAPE SIDES TO MEET SLOPE REQUIREMENTS.

SITE BENCHMARK #2
 TOP OF PK NAIL & DISK
 WITH "BM" LB #7143
 ELEV = 104.22 (NAVD '88)
 N: 1562588.78
 E: 487682.52



REV	DATE	DESCRIPTION

LINE IS 2 INCHES
 AT FULL SIZE
 (IF NOT SCALE ACCORDINGLY)



ORANGE COUNTY UTILITIES DEPARTMENT ENGINEERING DIVISION
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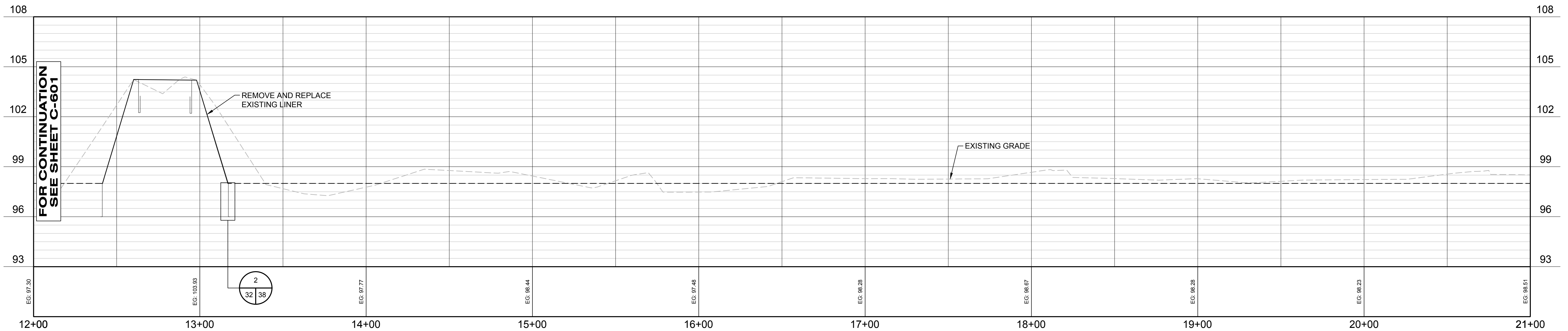
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 1117 East Robinson Street ~ Orlando, FL 32801 ~ Phone: 407.425.0452

RIB 11 - PLAN VIEW

JAMES R. MORRIS, JR.
 PROFESSIONAL ENGINEER
 FLORIDA LICENSE # 62384

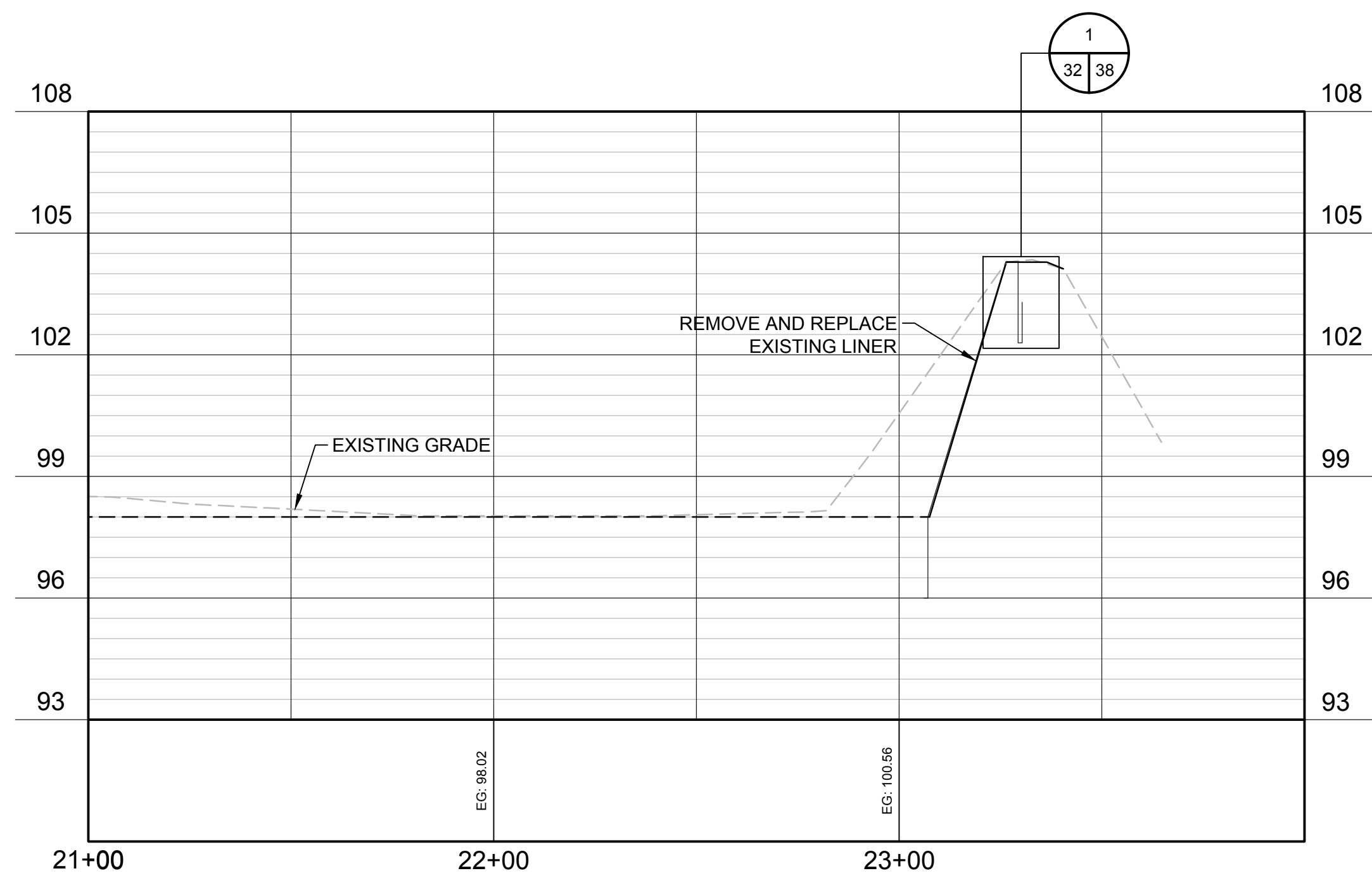
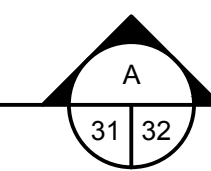
OCU FILE NO.: 84948
 DESIGNED BY: CKJ / ZLT
 DRAWN BY: CKJ
 CHECKED BY: DEM
 CADD FILE: Rib 11.dwg

SCALE: AS SHOWN
 DRAWING NO.: **C-700**
 SHEET: 31 OF 39



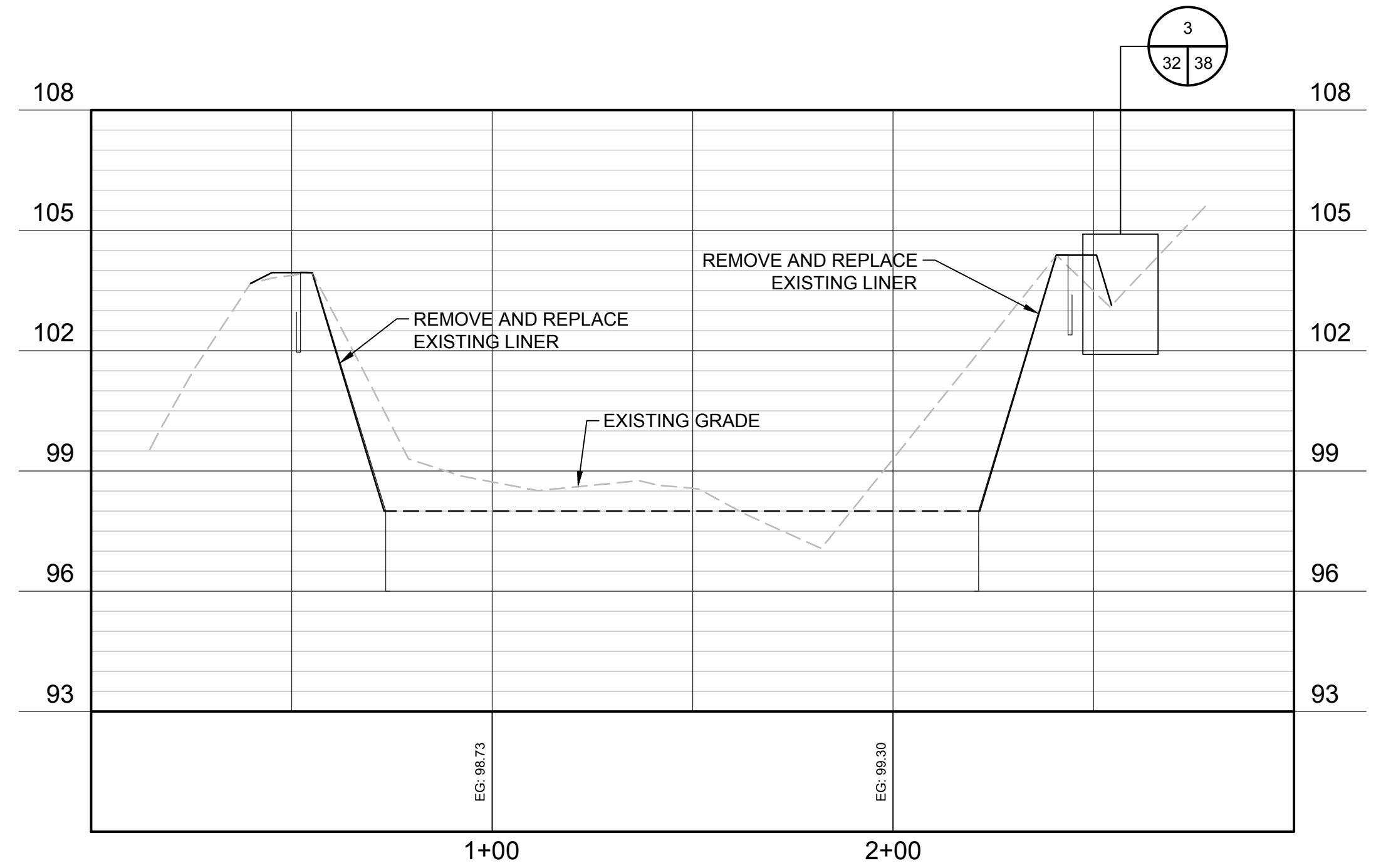
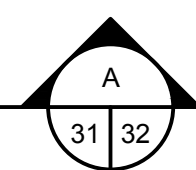
RIB 11 SECTION

SCALE: 1" = 30' H
1" = 3' V



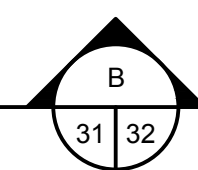
RIB 11 SECTION

SCALE: 1" = 30' H
1" = 3' V



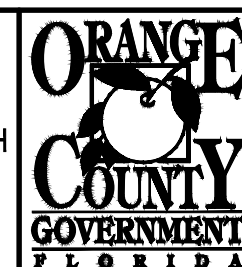
RIB 11 SECTION

SCALE: 1" = 30' H
1" = 3' V



REV	DATE	DESCRIPTION

LINE IS 2 INCHES
AT FULL SIZE
(IF NOT SCALE ACCORDINGLY)



ORANGE COUNTY UTILITIES DEPARTMENT ENGINEERING DIVISION

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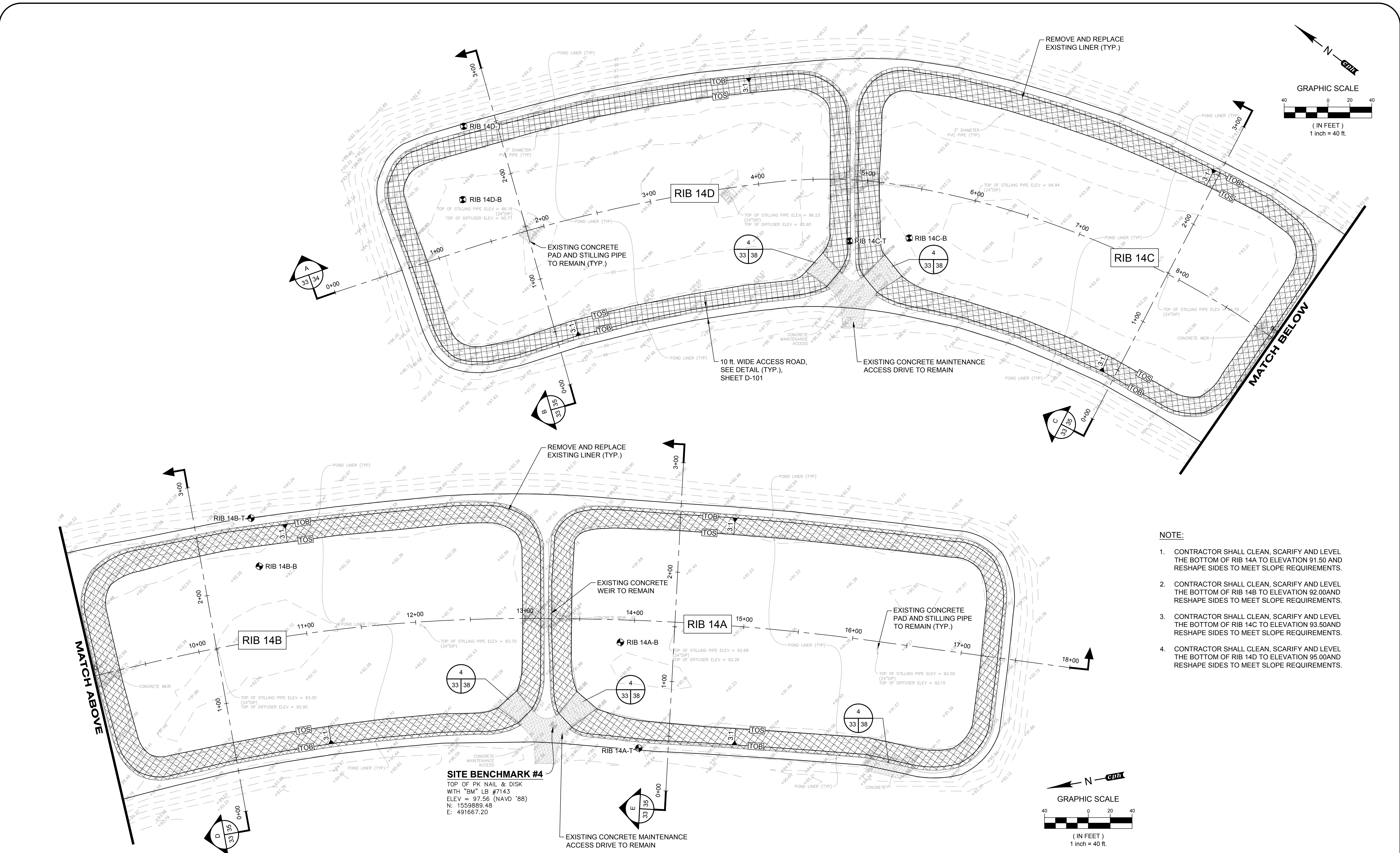
Licenses:
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Survey L.B. No. 7143
Arch. Lic. No. AA2600926
Landscape Lic. No. LC0000298

RIB 11 - SECTIONS

JAMES R. MORRIS, JR.
PROFESSIONAL ENGINEER
FLORIDA LICENSE # 62384

OCU FILE NO.: 84948
DESIGNED BY: CKJ / ZLT
DRAWN BY: CKJ
CHECKED BY: DEM
CADD FILE: Rib 11.dwg

SCALE: AS SHOWN
DRAWING NO.: **C-701**
SHEET: 32 OF 39

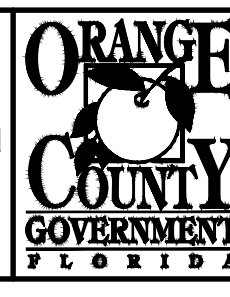


- NOTE:**
1. CONTRACTOR SHALL CLEAN, SCARIFY AND LEVEL THE BOTTOM OF RIB 14A TO ELEVATION 91.50 AND RESHAPE SIDES TO MEET SLOPE REQUIREMENTS.
 2. CONTRACTOR SHALL CLEAN, SCARIFY AND LEVEL THE BOTTOM OF RIB 14B TO ELEVATION 92.00 AND RESHAPE SIDES TO MEET SLOPE REQUIREMENTS.
 3. CONTRACTOR SHALL CLEAN, SCARIFY AND LEVEL THE BOTTOM OF RIB 14C TO ELEVATION 93.50 AND RESHAPE SIDES TO MEET SLOPE REQUIREMENTS.
 4. CONTRACTOR SHALL CLEAN, SCARIFY AND LEVEL THE BOTTOM OF RIB 14D TO ELEVATION 95.00 AND RESHAPE SIDES TO MEET SLOPE REQUIREMENTS.

SITE BENCHMARK #4
 TOP OF PK NAIL & DISK
 WITH "BM" LB #7143
 ELEV = 97.56 (NAVD '88)
 N: 1559889.48
 E: 491667.20

REV	DATE	DESCRIPTION

LINE IS 2 INCHES
 AT FULL SIZE
 (IF NOT SCALE ACCORDINGLY)



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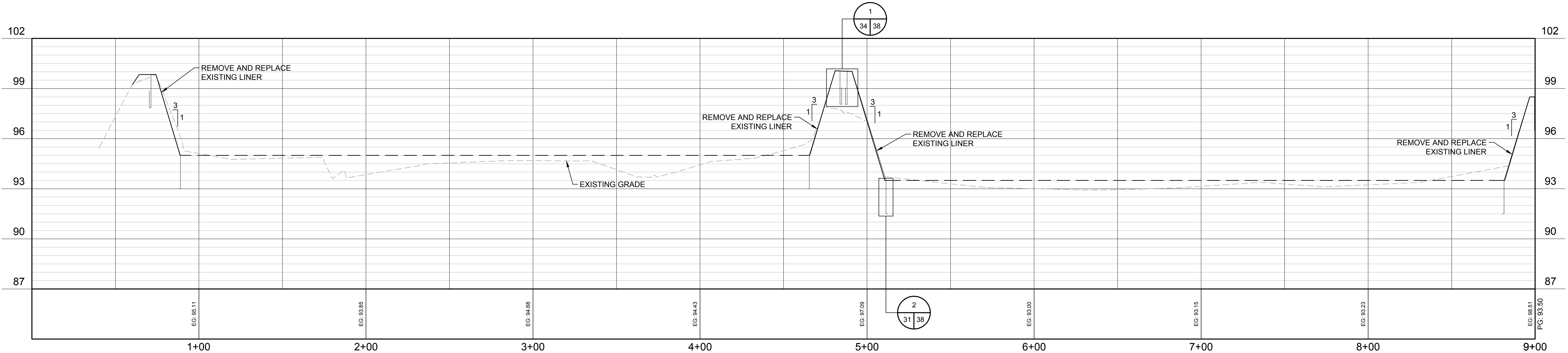
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 Survey L.B. No. 7143
 Arch. Lic. No. AA2600926
 Lndscp. Lic. No. LC0000298
 1117 East Robinson Street ~ Orlando, FL 32801 ~ Phone: 407.425.0452

RIB 14A ~ 14D - PLAN VIEW

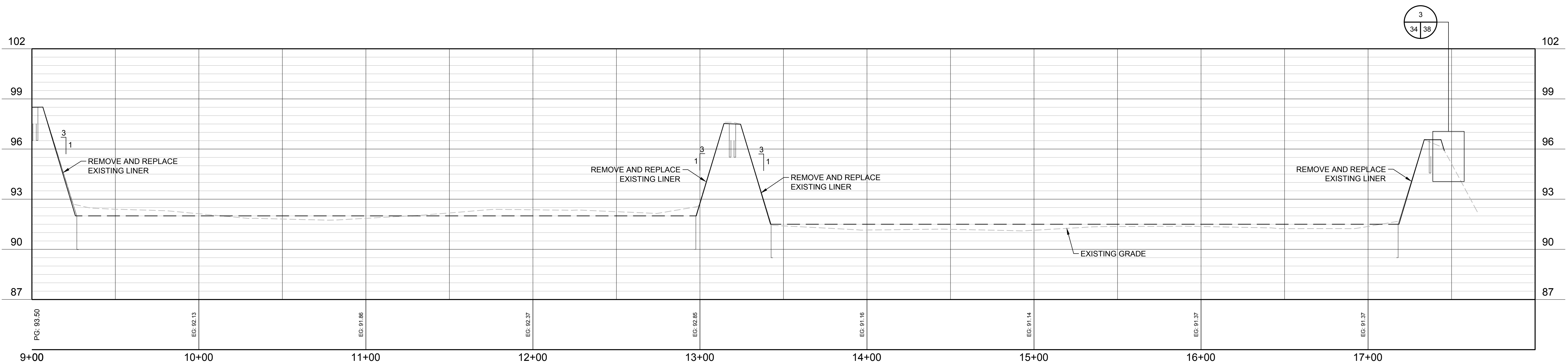
JAMES R. MORRIS, JR.
 PROFESSIONAL ENGINEER
 FLORIDA LICENSE # 62384

OCU FILE NO.: 84948
 DESIGNED BY: CKJ / ZLT
 DRAWN BY: CKJ
 CHECKED BY: DEM
 CADD FILE: Rib 14.dwg

SCALE: AS SHOWN
 DRAWING NO.: **C-800**
 SHEET: 33 OF 39



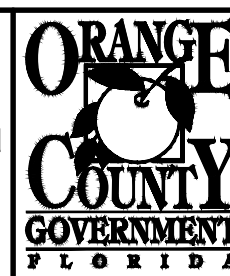
RIB 14 SECTION
 SCALE: 1" = 30' H
 1" = 3' V



RIB 14 SECTION
 SCALE: 1" = 30' H
 1" = 3' V

REV	DATE	DESCRIPTION

LINE IS 2 INCHES
 AT FULL SIZE
 (IF NOT SCALE ACCORDINGLY)



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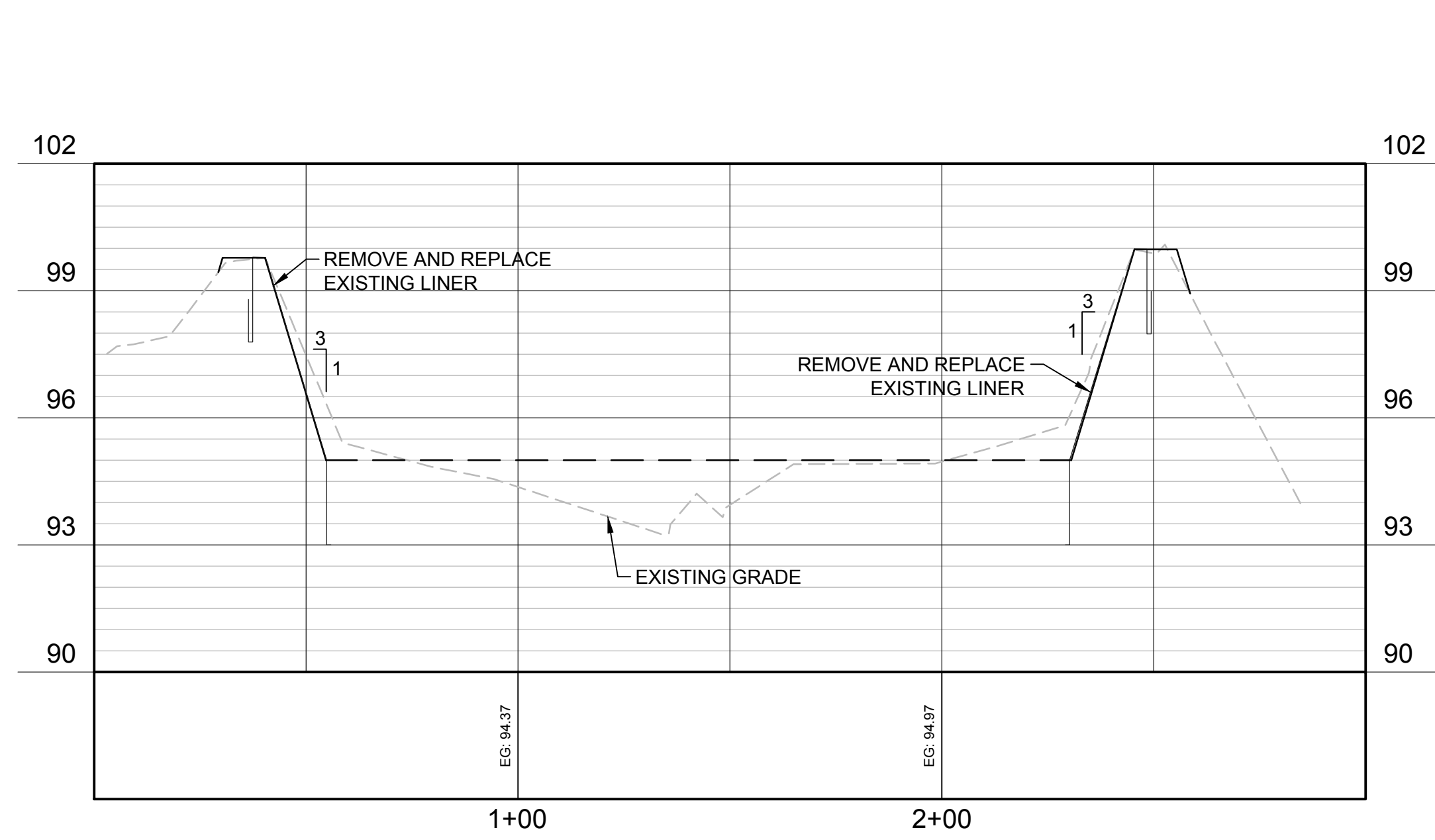
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RIB 14A ~ 14D - SECTIONS

JAMES R. MORRIS, JR.
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 FLORIDA LICENSE # 62384

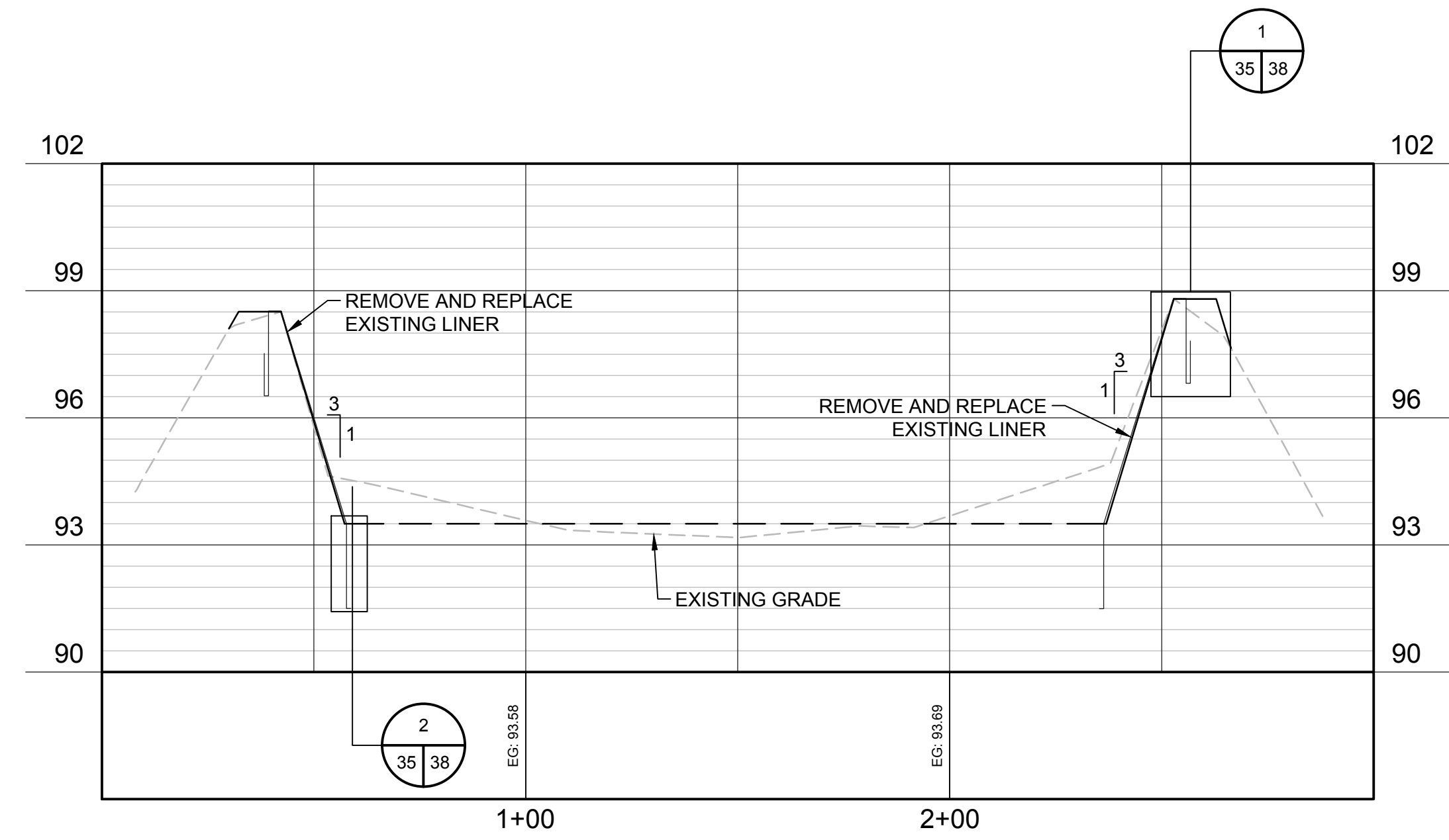
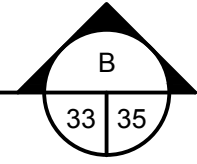
OCU FILE NO.:	84948
DESIGNED BY:	CKJ / ZLT
DRAWN BY:	CKJ
CHECKED BY:	DEM
CADD FILE:	Rib 14.dwg

SCALE:	AS SHOWN
DRAWING NO.:	C-801
SHEET:	34 OF 39



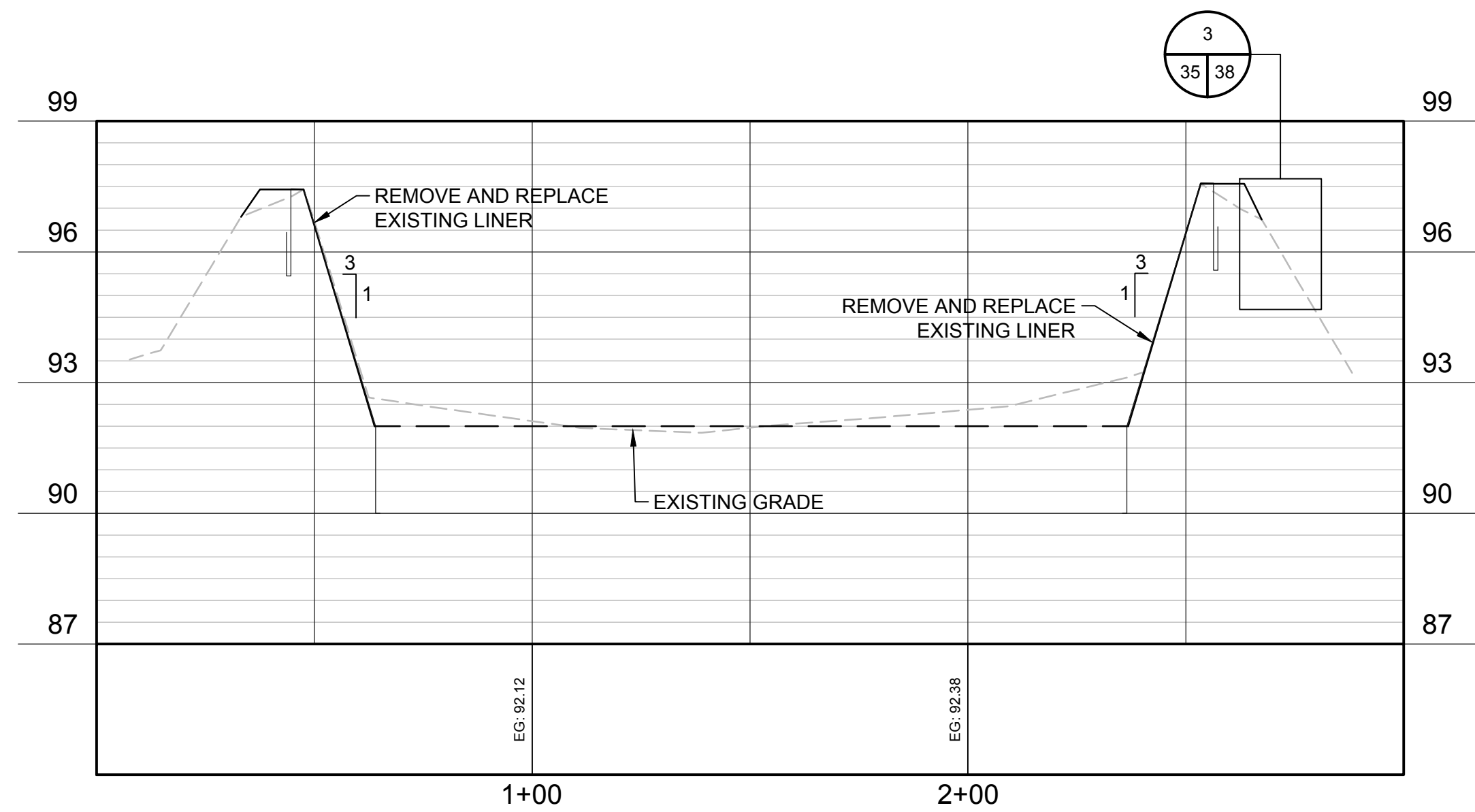
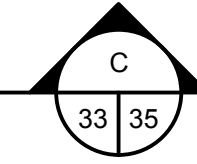
RIB 14D SECTION

SCALE: 1" = 30' H
1" = 3' V



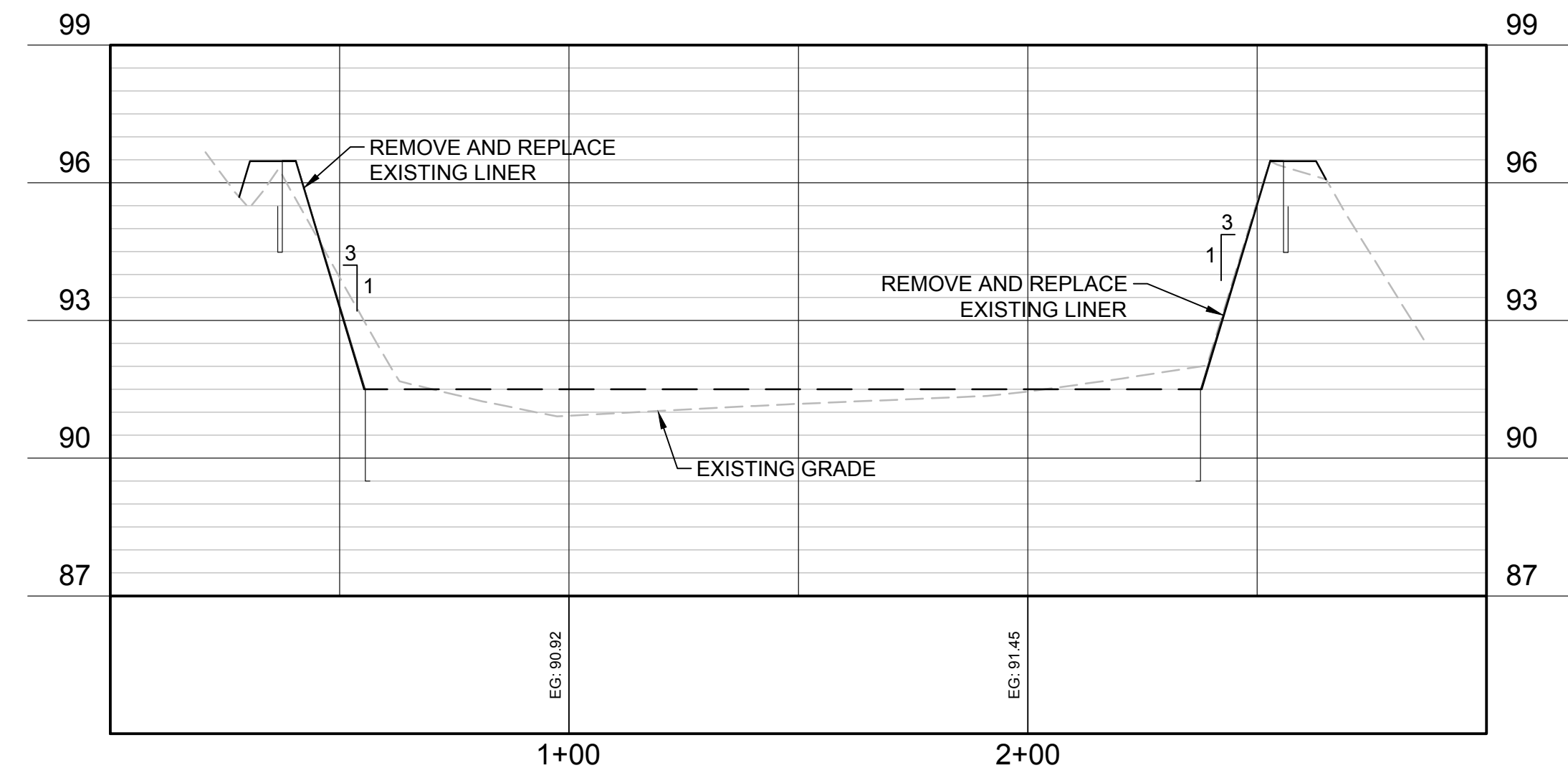
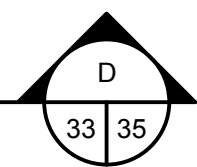
RIB 14C SECTION

SCALE: 1" = 30' H
1" = 3' V



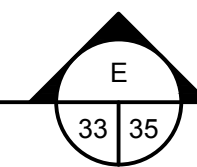
RIB 14B SECTION

SCALE: 1" = 30' H
1" = 3' V



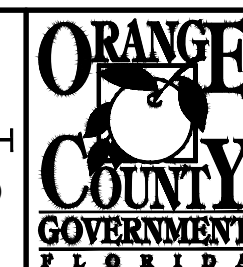
RIB 14A SECTION

SCALE: 1" = 30' H
1" = 3' V



REV	DATE	DESCRIPTION

LINE IS 2 INCHES
AT FULL SIZE
(IF NOT SCALE ACCORDINGLY)



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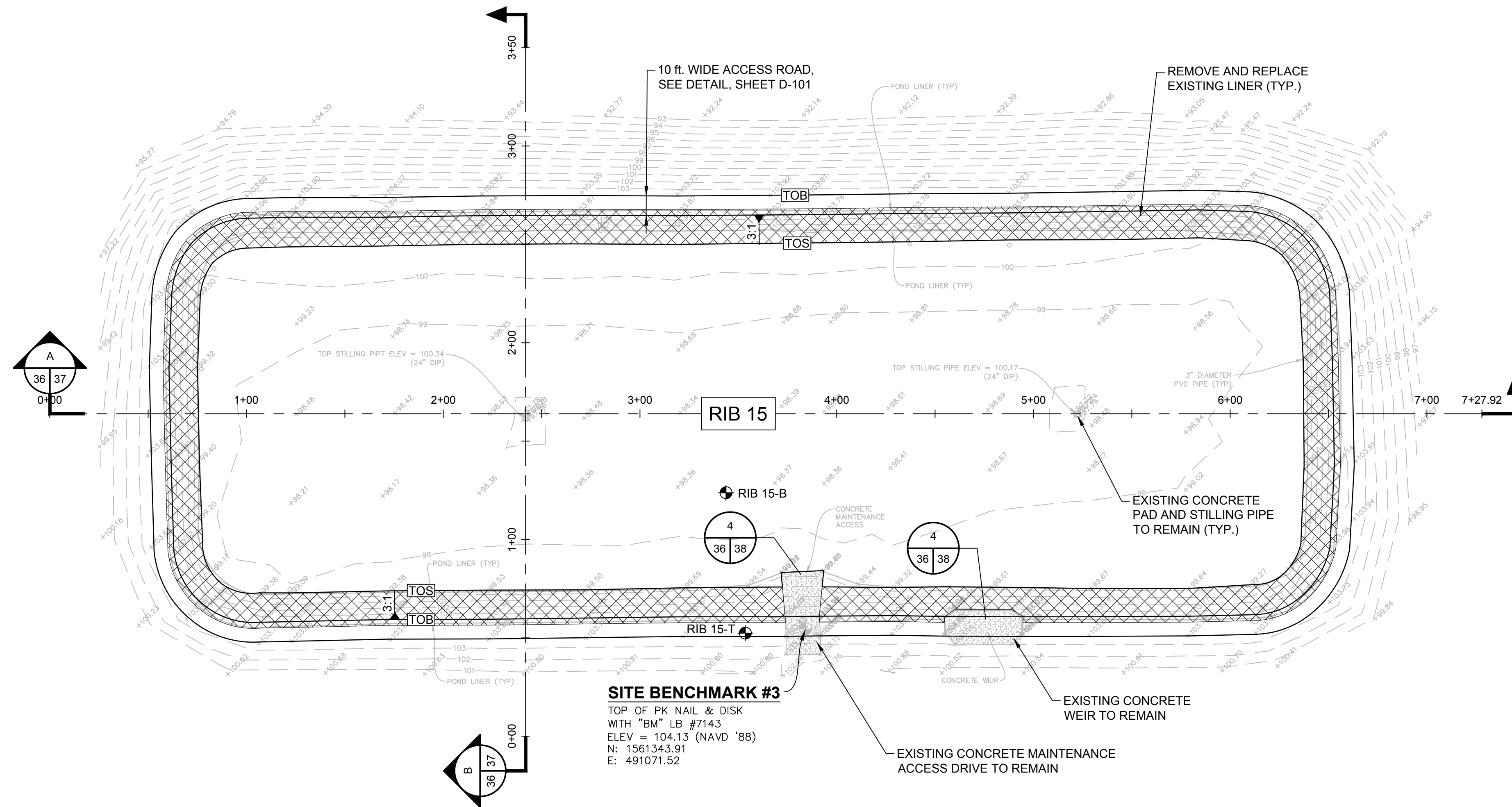
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Survey L.B. No. 7143
Arch. Lic. No. AA2600926
Landscape Lic. No. LC0000298

RIB 14A ~ 14D - SECTIONS

JAMES R. MORRIS, JR.
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FLORIDA LICENSE # 62384

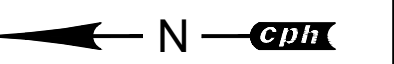
OCU FILE NO.: 84948
DESIGNED BY: CKJ/ZLT
DRAWN BY: CKJ
CHECKED BY: DEM
CADD FILE: Rib 14.dwg

SCALE: AS SHOWN
DRAWING NO.:
C-802
SHEET: 35 OF 39

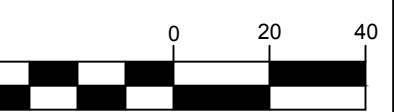


NOTE:

- CONTRACTOR SHALL CLEAN, SCARIFY AND LEVEL THE BOTTOM OF RIB 15 TO ELEVATION 99.00 AND RESHAPE SIDES TO MEET SLOPE REQUIREMENTS.



GRAPHIC SCALE

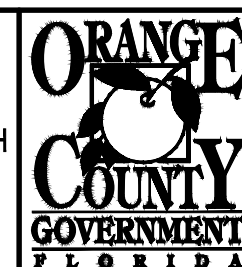


(IN FEET)

1 inch = 40 ft.

REV	DATE	DESCRIPTION

LINE IS 2 INCHES
AT FULL SIZE
(IF NOT SCALE ACCORDINGLY)



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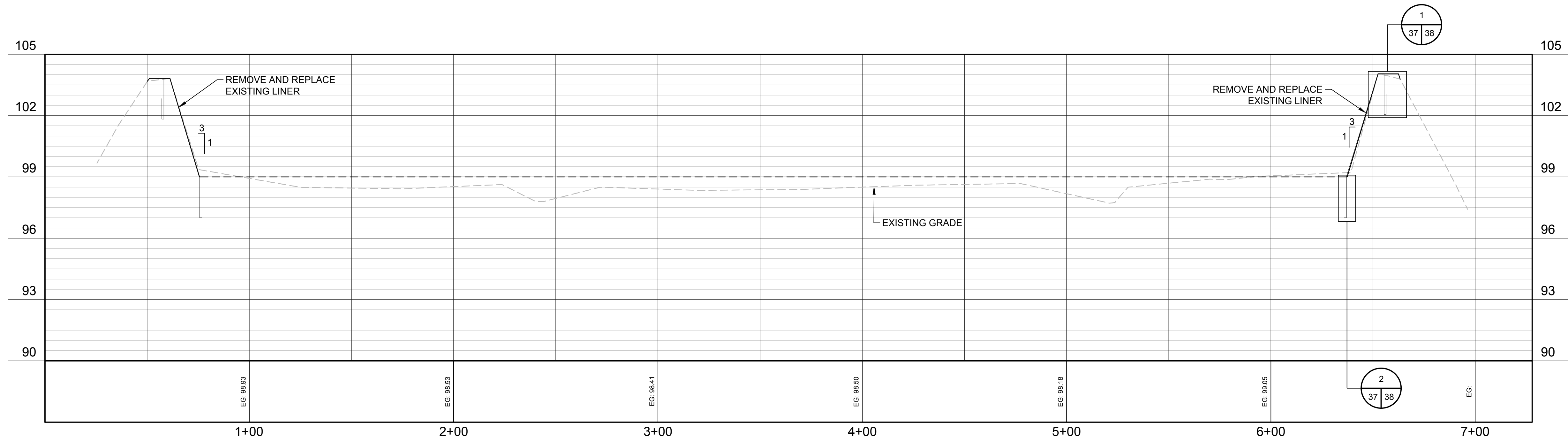
Licenses:
Eng. C.O.A. No. 3215
Survey L.B. No. 7143
Arch. Lic. No. AA2600926
Lndscp. Lic. No. LC0000298

RIB 15 - PLAN VIEW

JAMES R. MORRIS, JR.
PROFESSIONAL ENGINEER
FLORIDA LICENSE # 62384

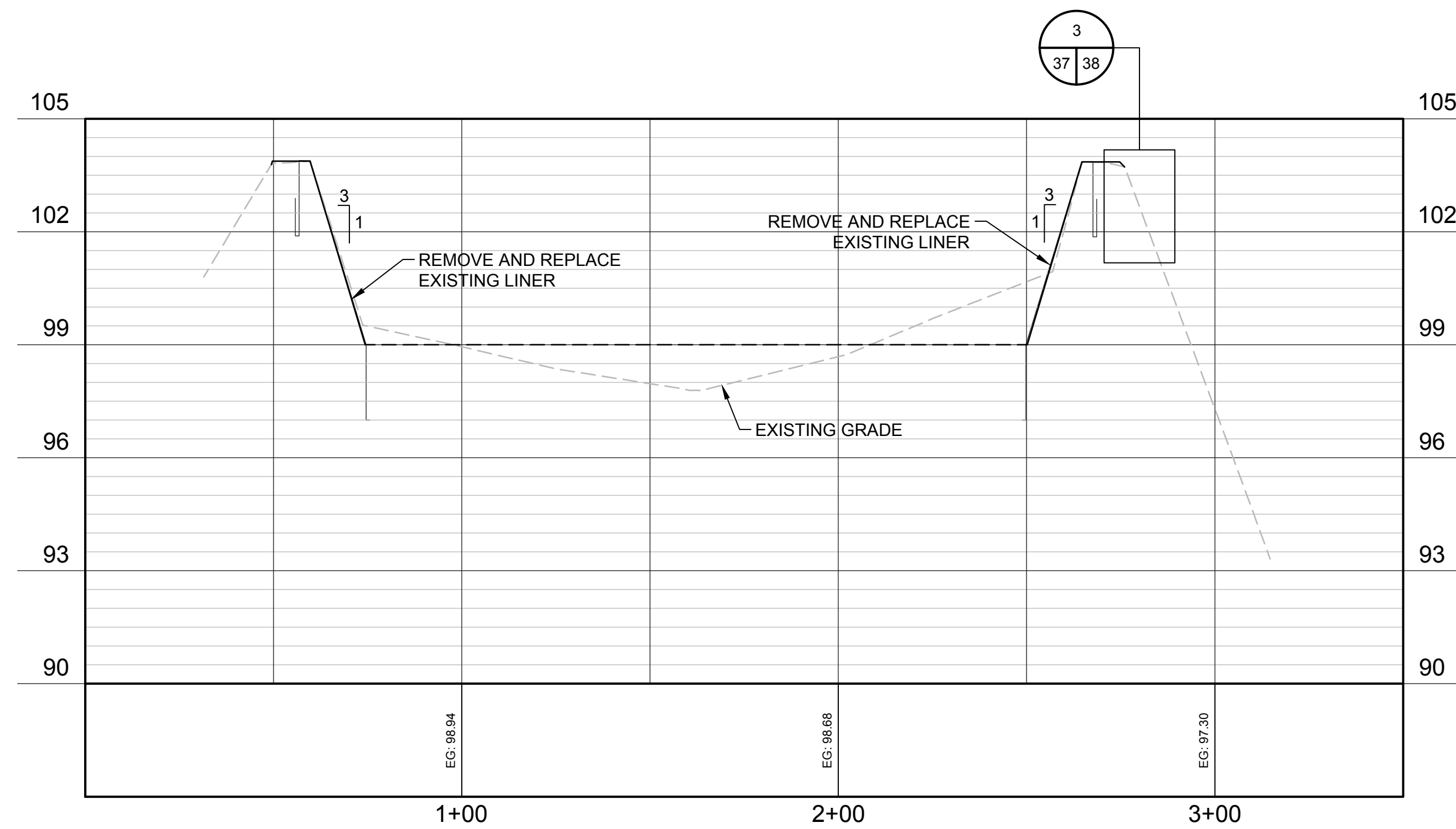
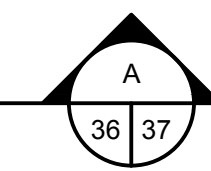
OCU FILE NO.:	84948
DESIGNED BY:	CKJ / ZLT
DRAWN BY:	CKJ
CHECKED BY:	DEM
CADD FILE:	Rib 15.dwg

SCALE:	AS SHOWN
DRAWING NO.:	C-900
SHEET:	36 OF 39



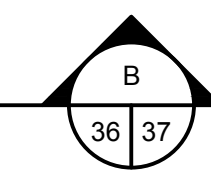
RIB 15 SECTION

SCALE: 1" = 30' H
1" = 3' V



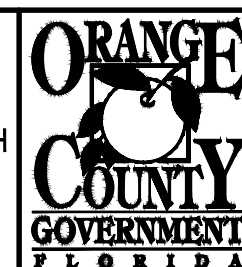
RIB 15 SECTION

SCALE: 1" = 30' H
1" = 3' V



REV	DATE	DESCRIPTION

LINE IS 2 INCHES
AT FULL SIZE
(IF NOT SCALE ACCORDINGLY)



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Landscape Lic. No. LC0000298

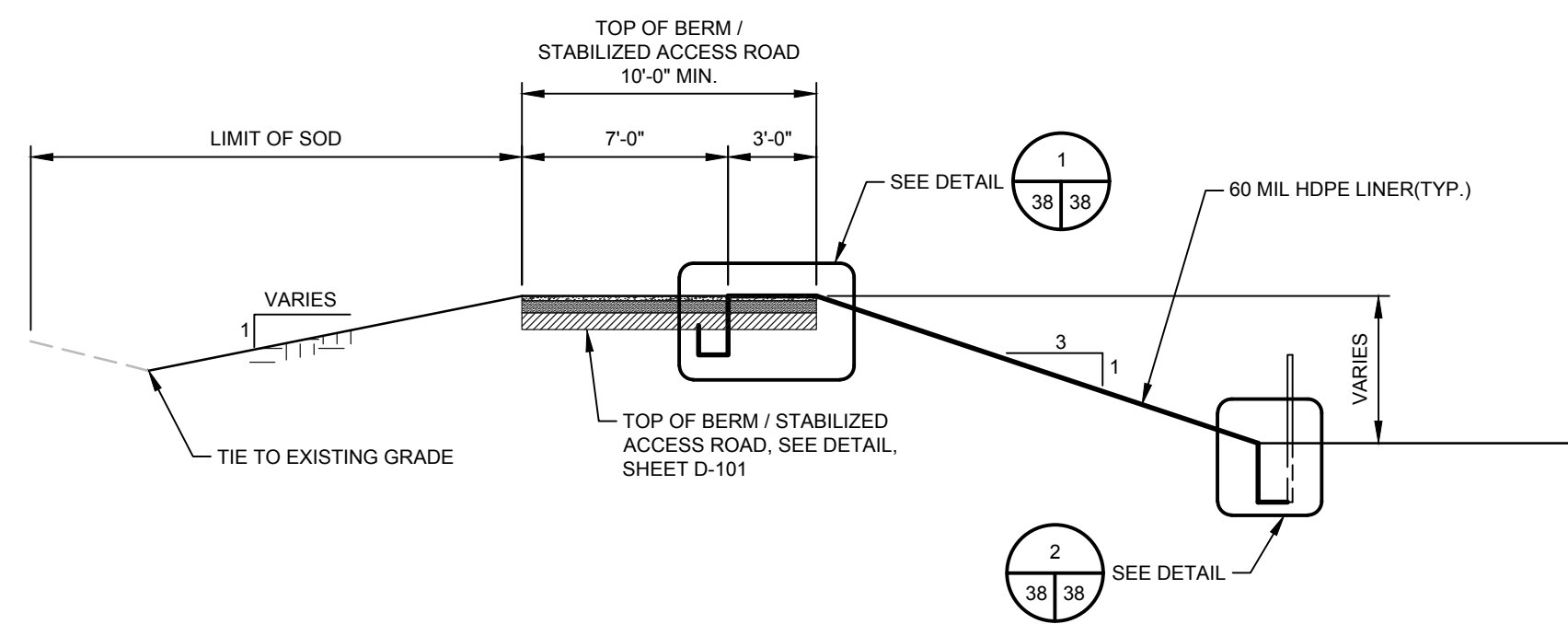
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RIB 15 - SECTIONS

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PROFESSIONAL ENGINEER
FLORIDA LICENSE # 62384

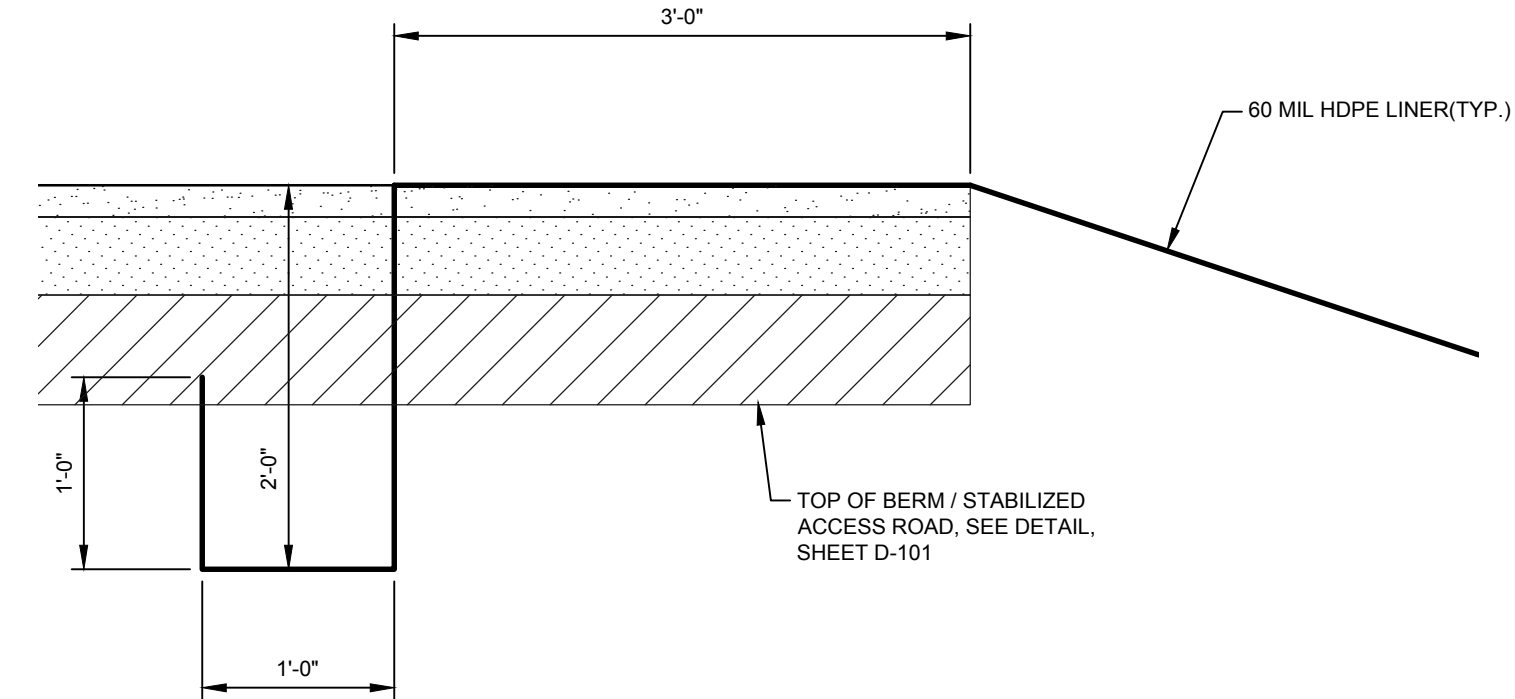
OCU FILE NO.: 84948
DESIGNED BY: CKJ / ZLT
DRAWN BY: CKJ
CHECKED BY: DEM
CADD FILE: Rib 15.dwg

SCALE: AS SHOWN
DRAWING NO.: **C-901**
SHEET: 37 OF 39



GENERAL RIB CELL CROSS SECTION

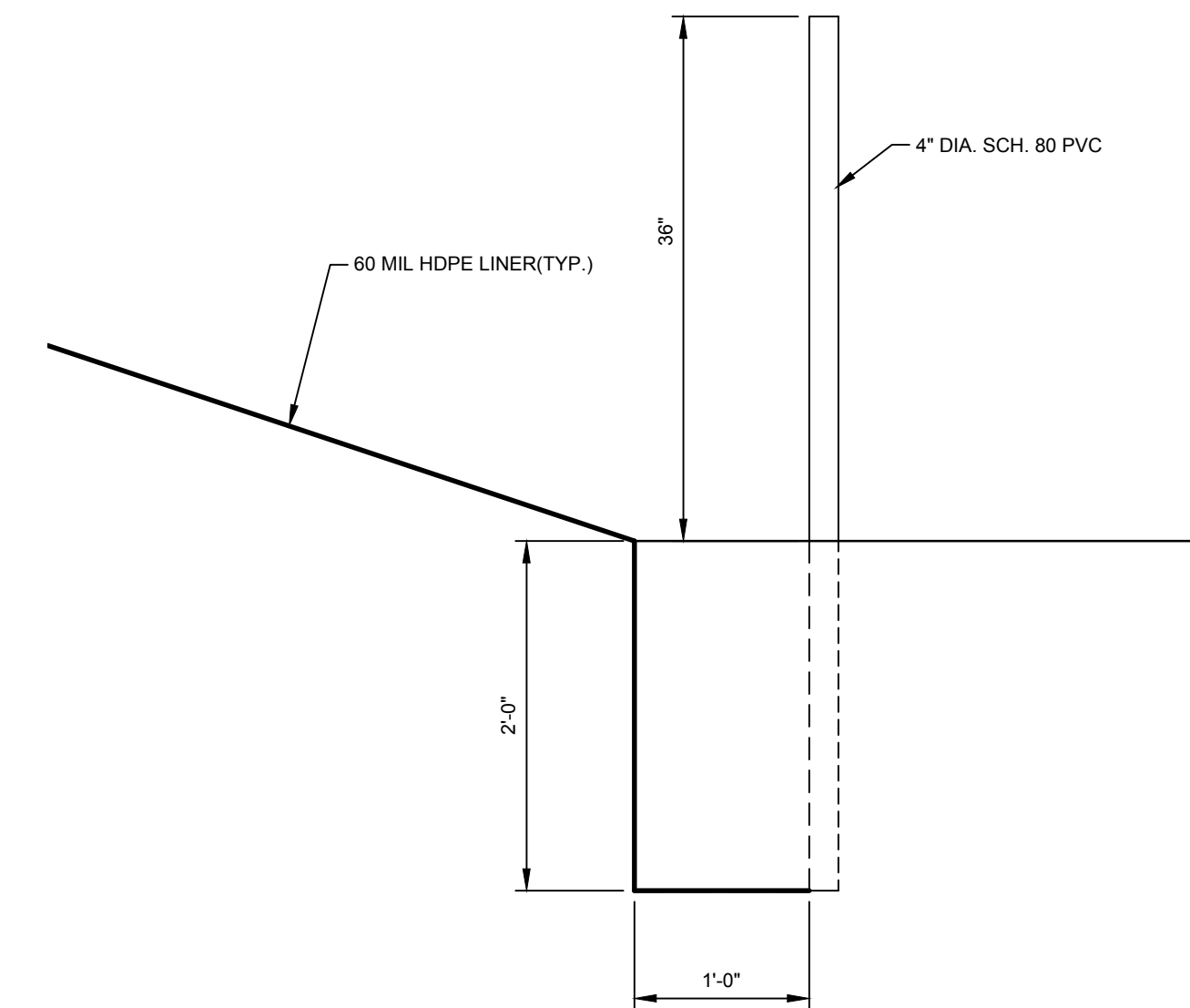
SCALE: 1" = 6'



HDPE LINER TOE-IN DETAIL

SCALE: 1" = 1'

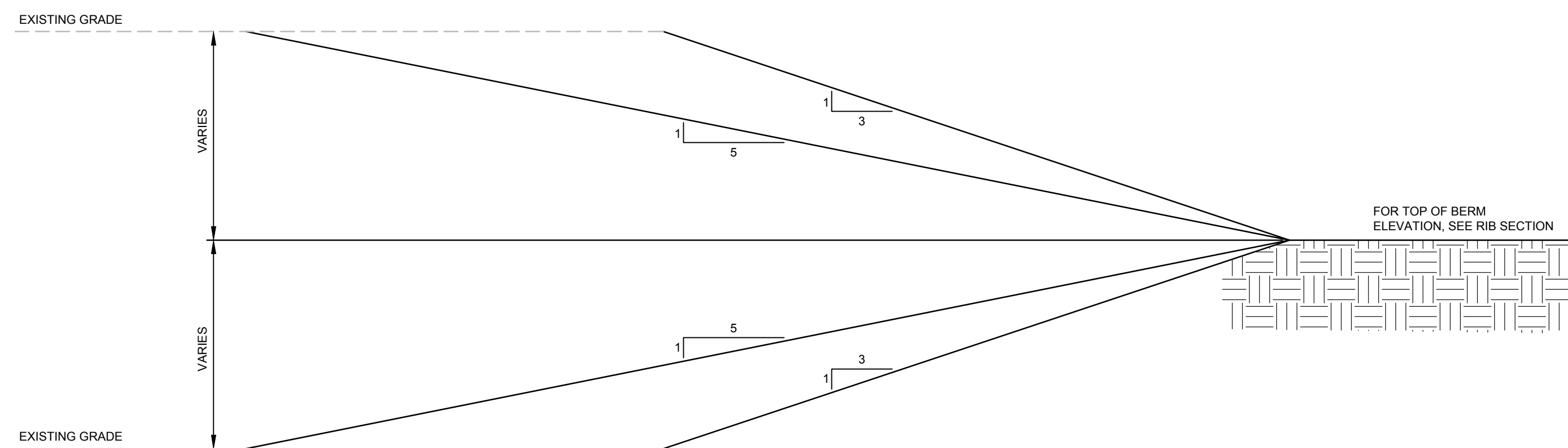
17	28	38
18	30	
20	32	
21	34	
23	35	
25	37	
26		



HDPE LINER DETAIL

SCALE: 1" = 1'

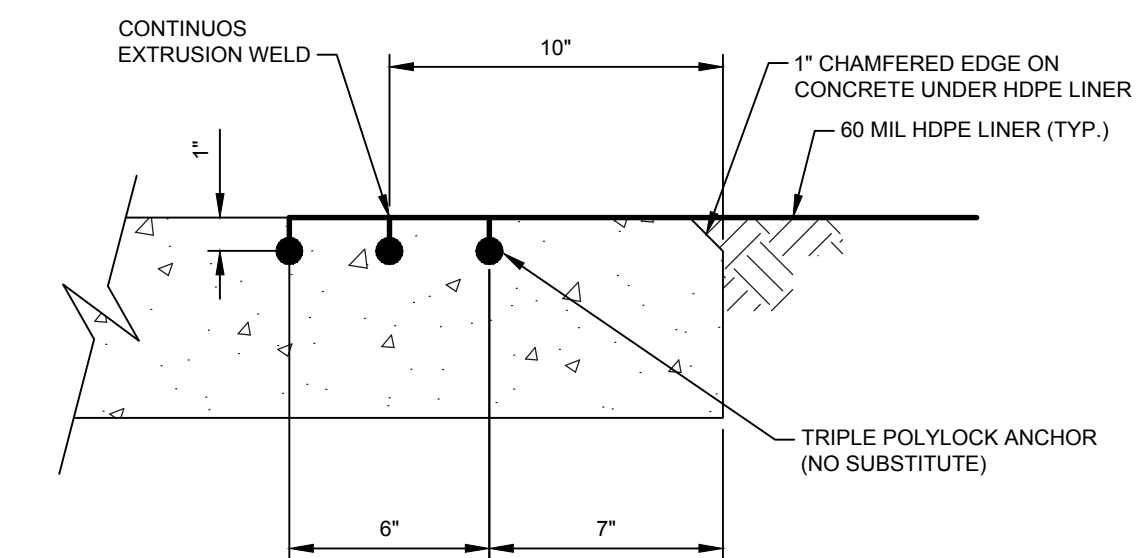
17	28	38
18	30	
20	32	
21	34	
23	35	
25	37	
26		



GRADING TO EXISTING DETAIL

NOT TO SCALE

17	28	38
18	30	
20	32	
21	34	
23	35	
25	37	
26		



NOTES:

1. REMOVE EXISTING LINER AND INSTALL NEW ANCHOR SYSTEM IN CONCRETE DRIVES AND OVER FLOW CHANNELS

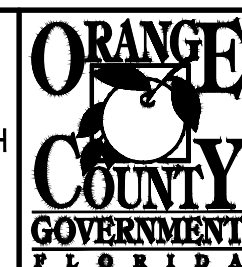
HDPE LINER TO CONCRETE TIE DETAIL

NOT TO SCALE

16	29	38
19	31	
22	33	
24	36	
27		

REV	DATE	DESCRIPTION

LINE IS 2 INCHES AT FULL SIZE (IF NOT SCALE ACCORDINGLY)



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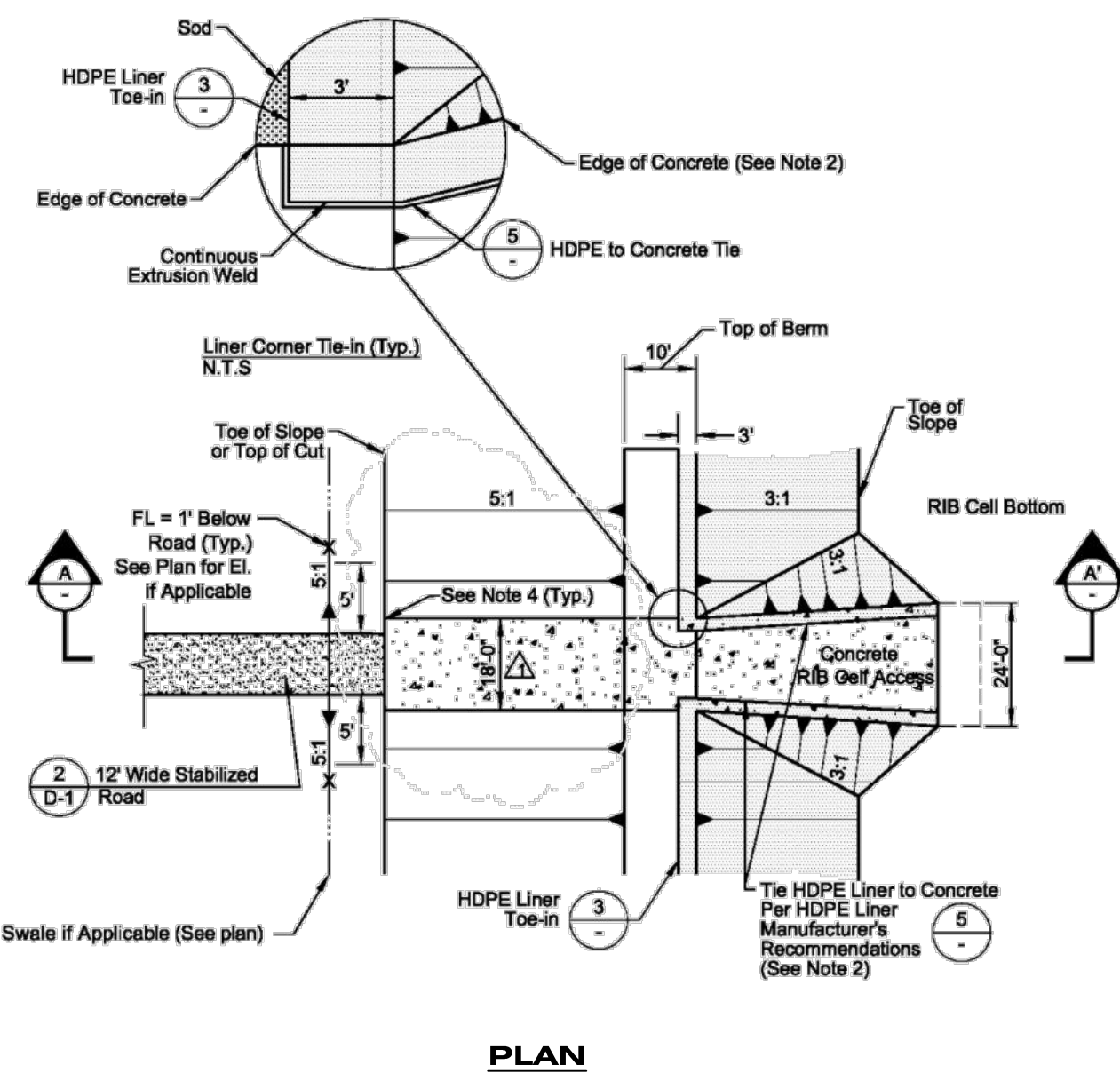
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Survey L.B. No. 7143
Arch. Lic. No. AA2600926
Landscape Lic. No. LC0000298

LINER CONNECTION DETAILS

JAMES R. MORRIS, JR.
PROFESSIONAL ENGINEER
FLORIDA LICENSE # 62384

OCU FILE NO.:	84948
DESIGNED BY:	CKJ / ZLT
DRAWN BY:	CKJ
CHECKED BY:	DEM
CADD FILE:	Liner Details.dwg

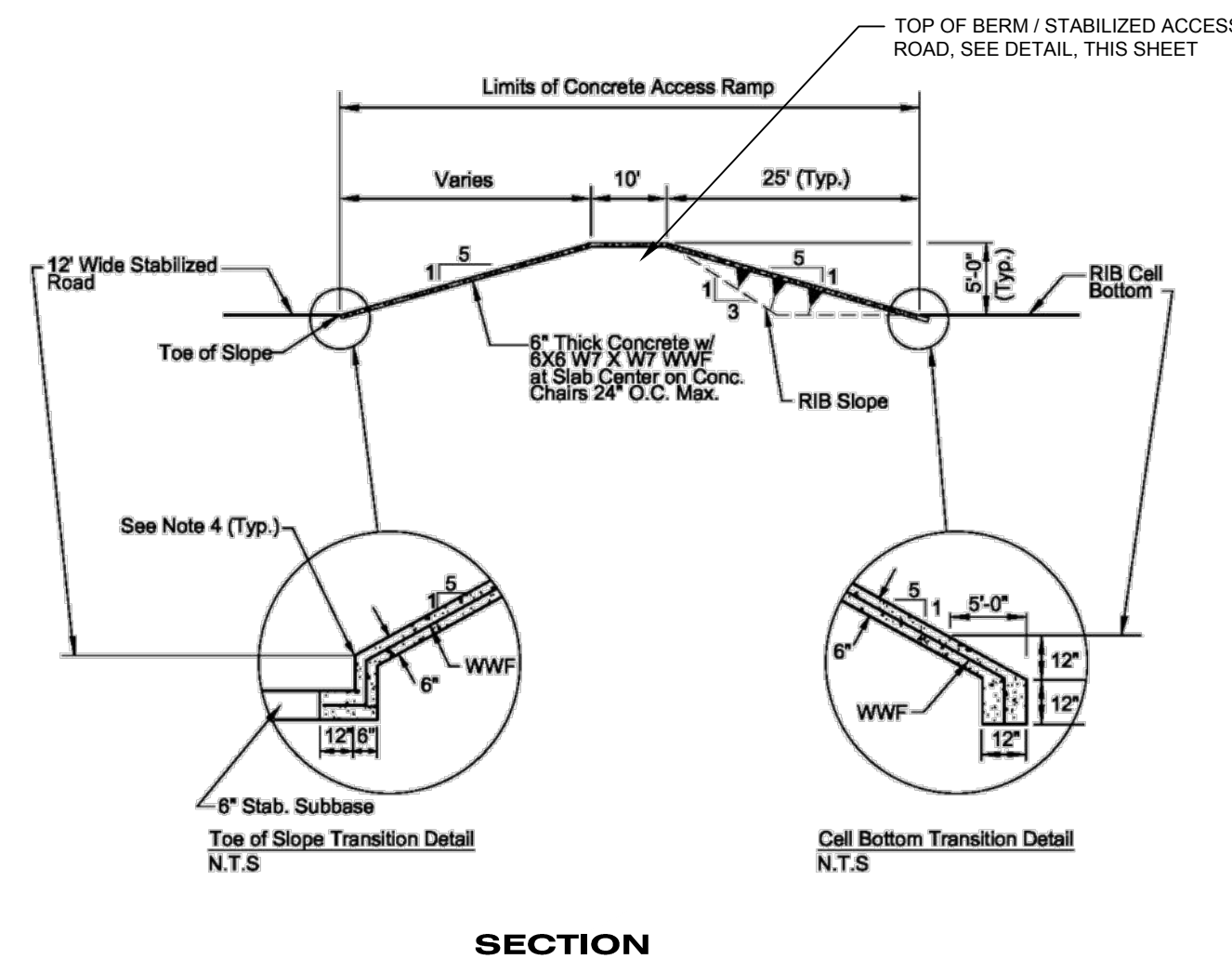
SCALE:	AS SHOWN
DRAWING NO.:	D-100
SHEET:	38 OF 39



NOTES:

1. REMOVE EXISTING MECHANICAL FLOW METER HEAD
2. FURNISH AND INSTALL NEW FLOW CONNECT SYSTEM AND REQUIRED COMPONENTS
3. PAINT NEW COMPONENTS TO MATCH EXISTING METER ASSEMBLY

TYPICAL RIB METER ASSEMBLY
NOT TO SCALE

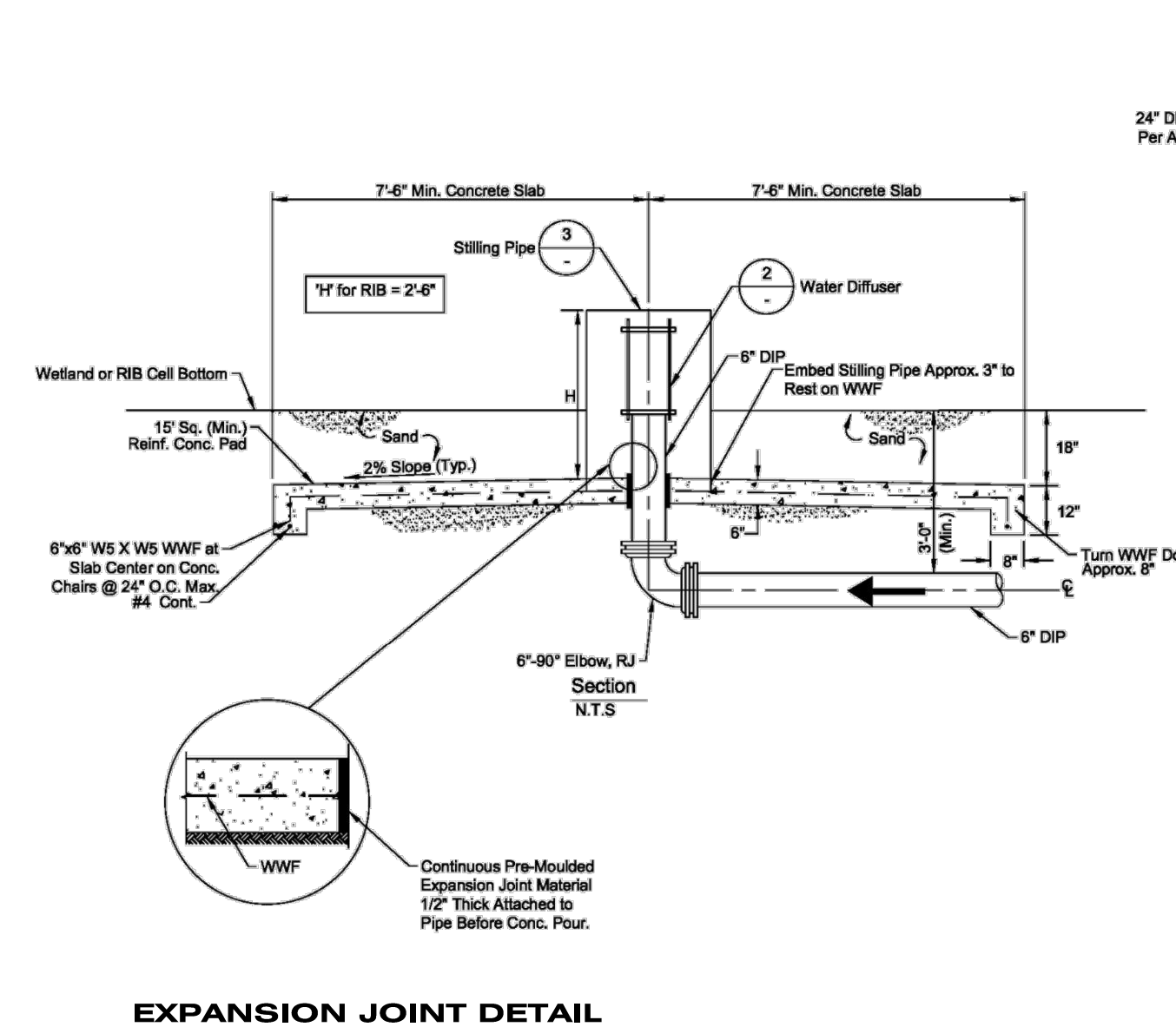


Notes

1. Provide 1" deep saw cut crack control joints @ 15' maximum, with a joint at each side of top of berm and fill joints with sealant type per specifications.
2. Provide 1" chamfered edges on concrete at all locations of liner attachment to concrete.
3. All Subgrade Below Concrete Slabs and Ramps to be Compacted to 98% Density (AASHTO T-180 Modified).
4. As a general practice, provide a 1" quarter radius round for all concrete edges.

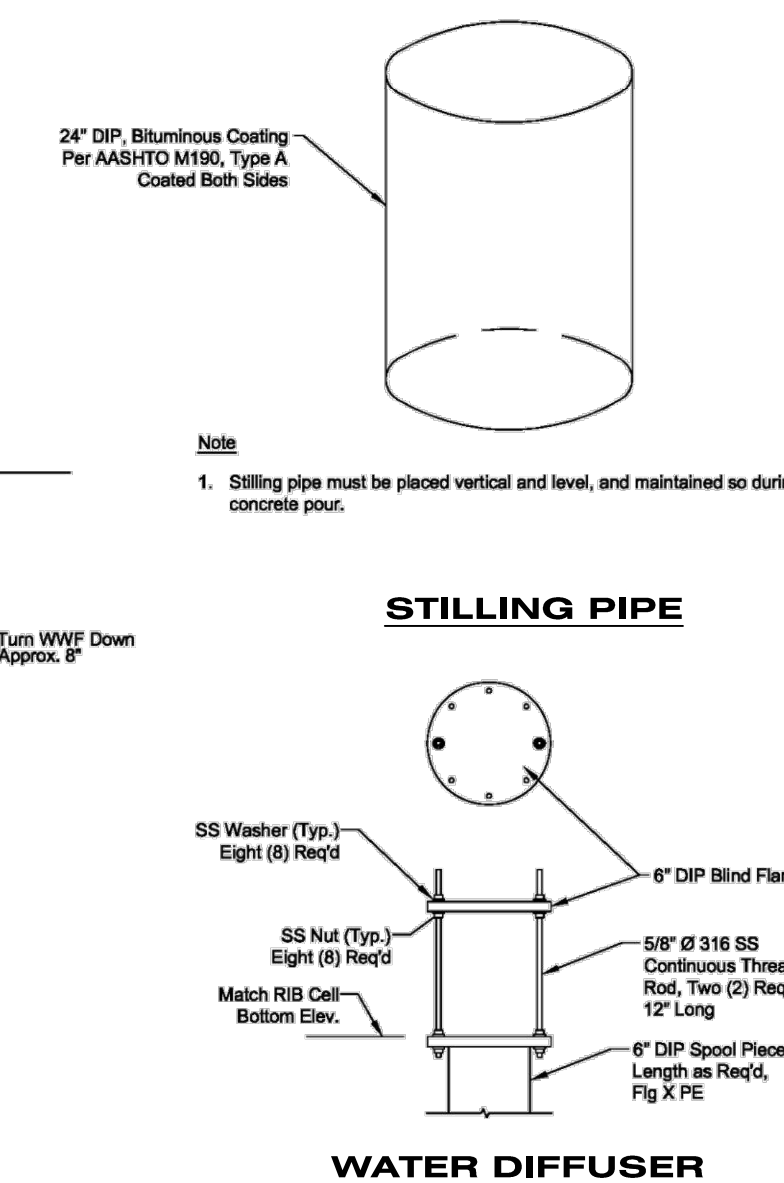
CONCRETE MAINTENANCE ACCESS DRIVE DETAIL (RIB 9)

NOT TO SCALE



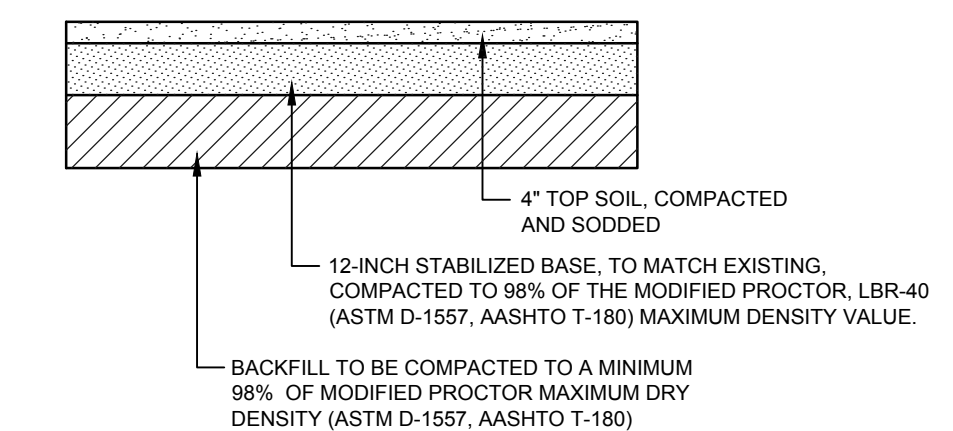
TYPICAL SPLASH PAD / DIFFUSER DETAILS (RIB 10)

NOT TO SCALE



Note

1. Stilling pipe must be placed vertical and level, and maintained so during concrete pour.

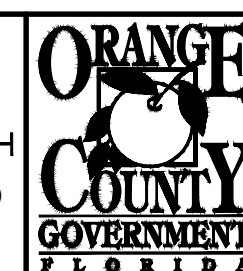


TOP OF BERM / STABILIZED ACCESS ROAD DETAIL

NOT TO SCALE

REV	DATE	DESCRIPTION

LINE IS 2 INCHES
AT FULL SIZE
(IF NOT SCALE ACCORDINGLY)



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Arch. Lic. No. AA2600926
Landscape Architects Traffic/Transportation
Landscape Lic. No. LC0000298

CONSTRUCTION DETAILS

JAMES R. MORRIS, JR.
PROFESSIONAL ENGINEER
FLORIDA LICENSE # 62384

OCU FILE NO.:	84948
DESIGNED BY:	CKJ / ZLT
DRAWN BY:	CKJ
CHECKED BY:	DEM
CADD FILE:	Const Details.dwg

SCALE:	AS SHOWN
DRAWING NO.:	D-101
SHEET:	39 OF 39