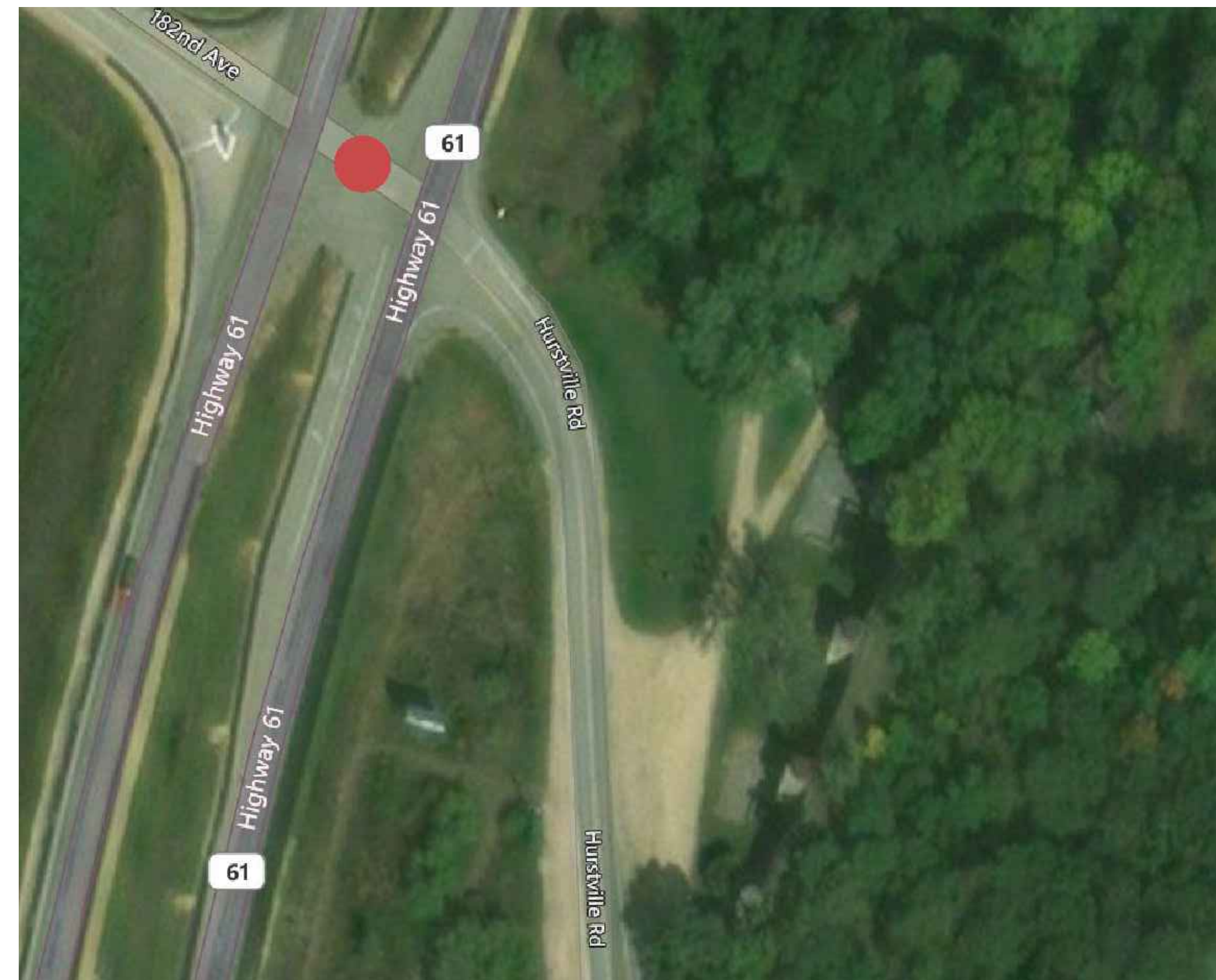


Hurstville Historical Society Lime Kilns Restoration Project

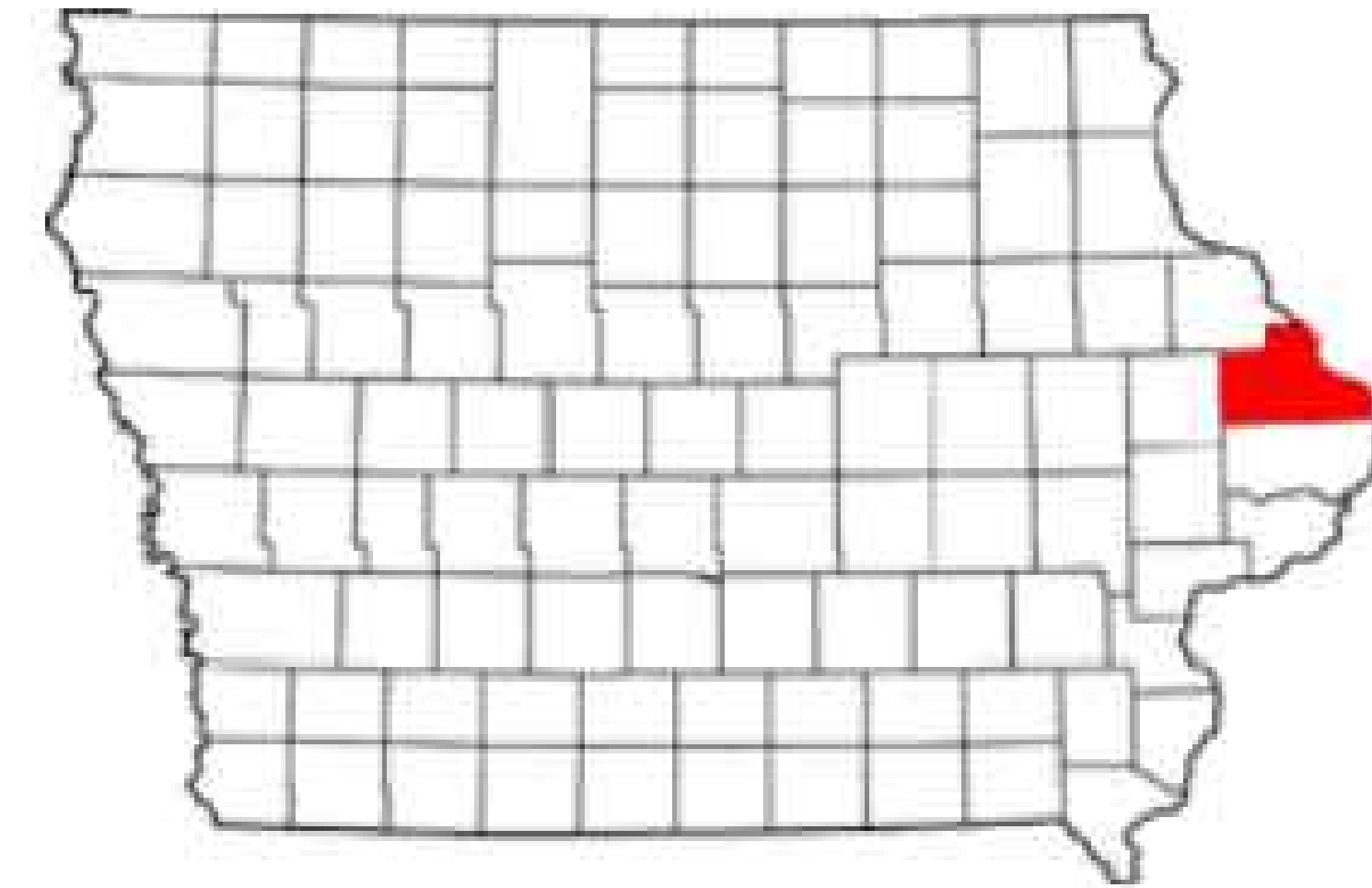
7301 Hurstville Rd, Maquoketa, IA 52060

Index of Sheets

- A.1 Cover Sheet
- B.1 Details Sheet
- C.1 Existing Site
- D.1 Proposed Parking Lot
- ED.1 Grading Plan
- R.1 Drainage Detail
- S.1 Trail Layout
- S.2 Trail 2A Plan/Profile
- S.3-7 Trail 2D Plan/Profile
- S.8 Trail 2A Section Views
- S.9-11 Trail 2D Section Views



Location Map



PROJECT: CEE: 4850
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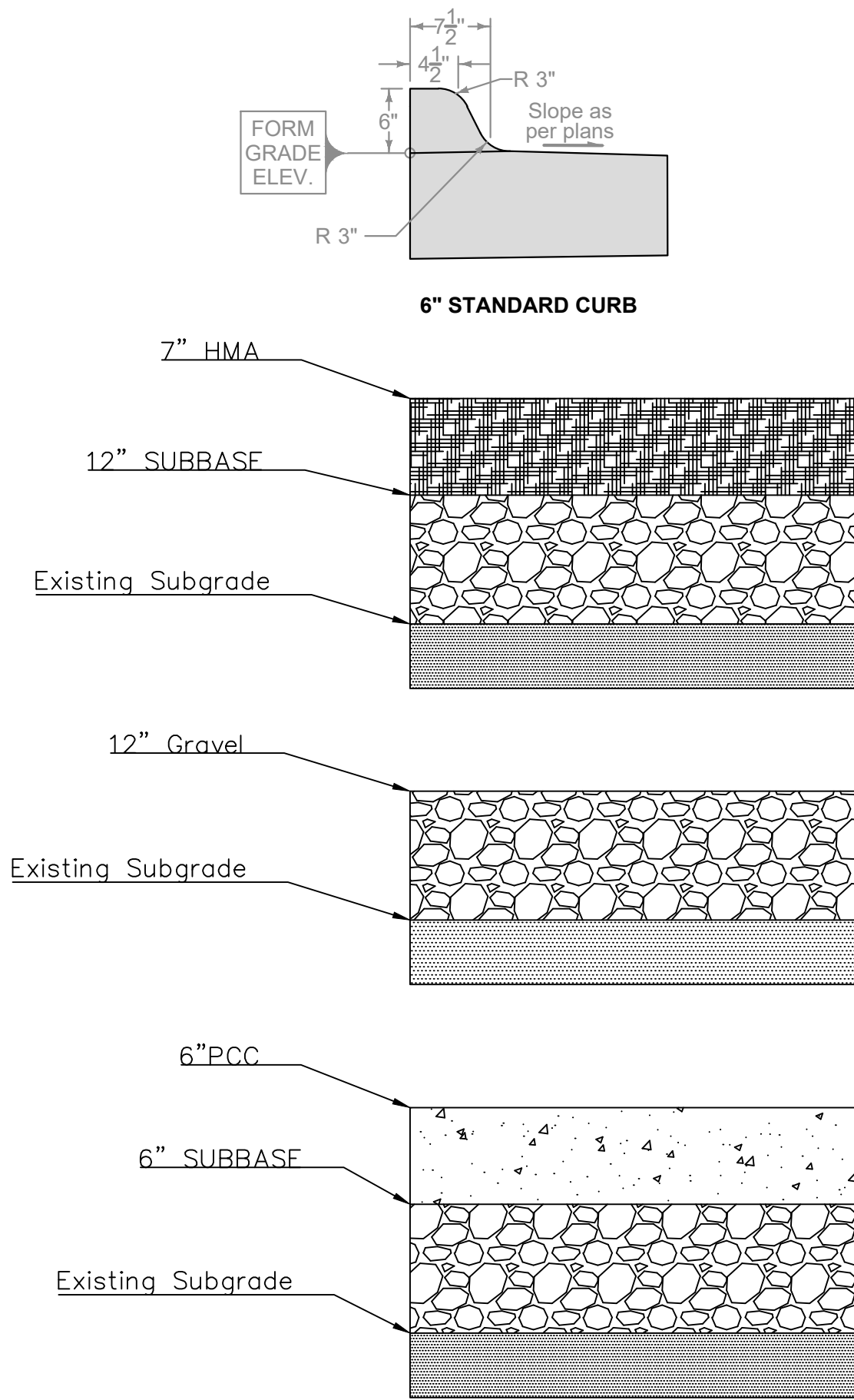
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7301 Hurstville Rd, Maquoketa, IA 52060

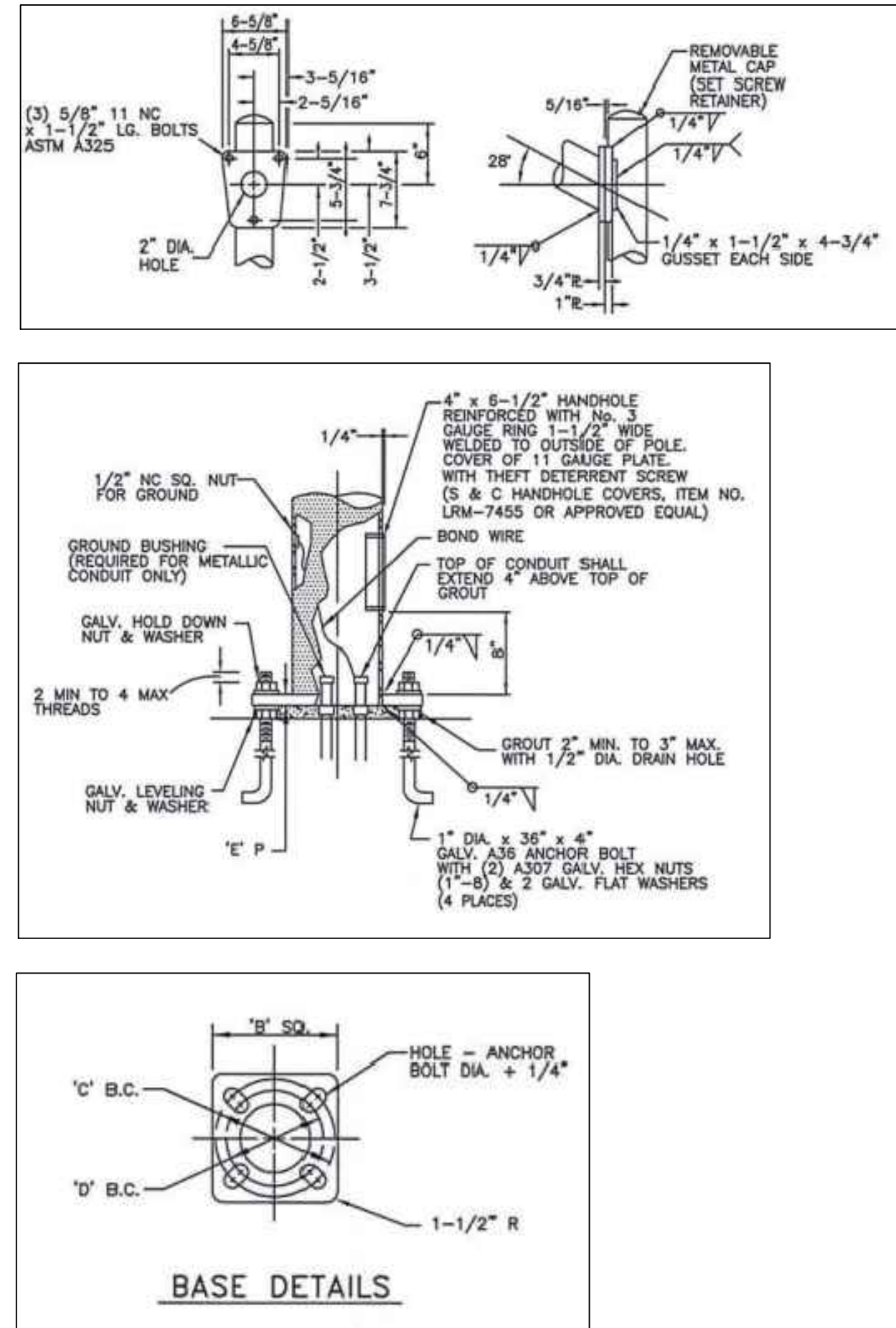
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Cover Sheet

SHEET NO.
A.1

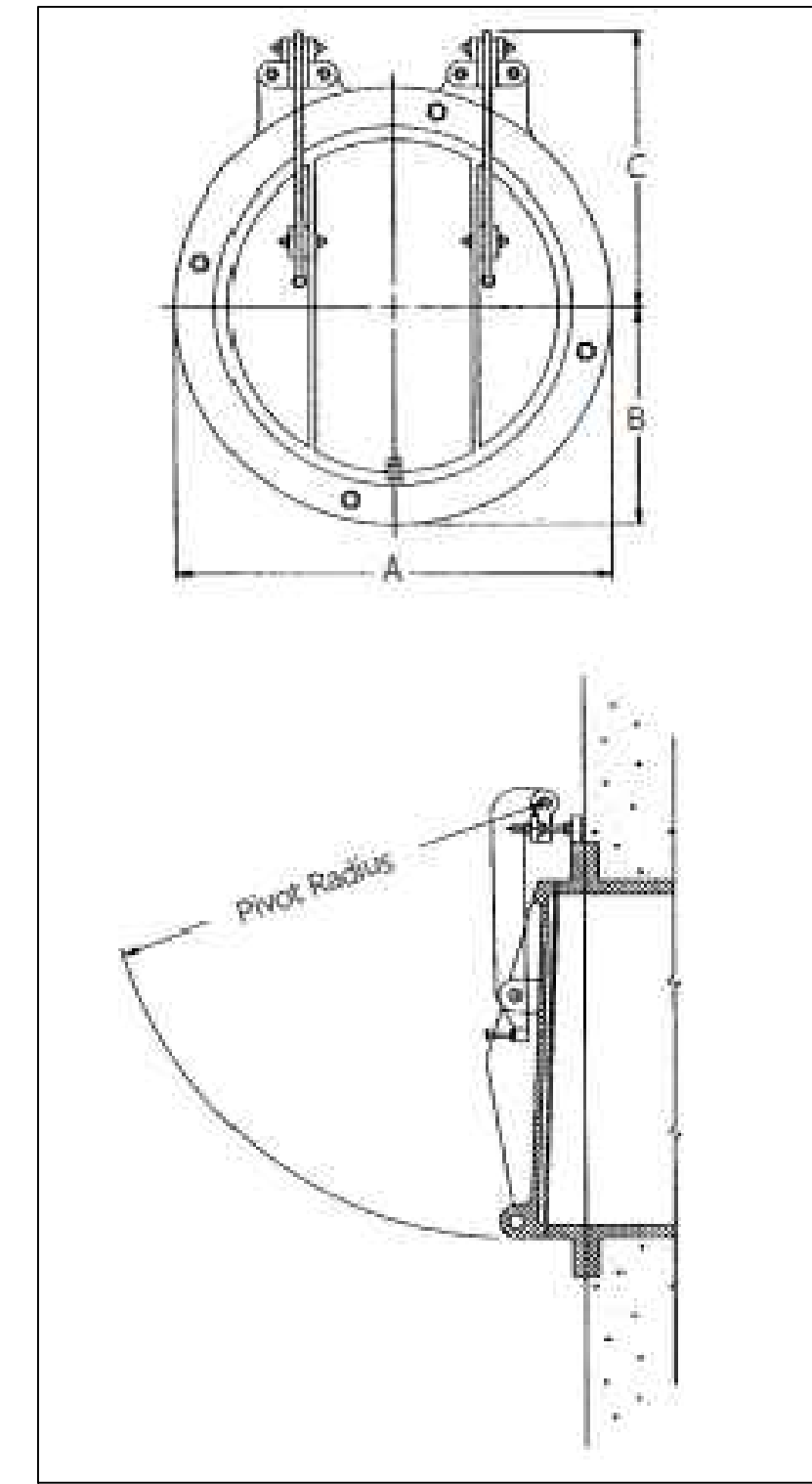
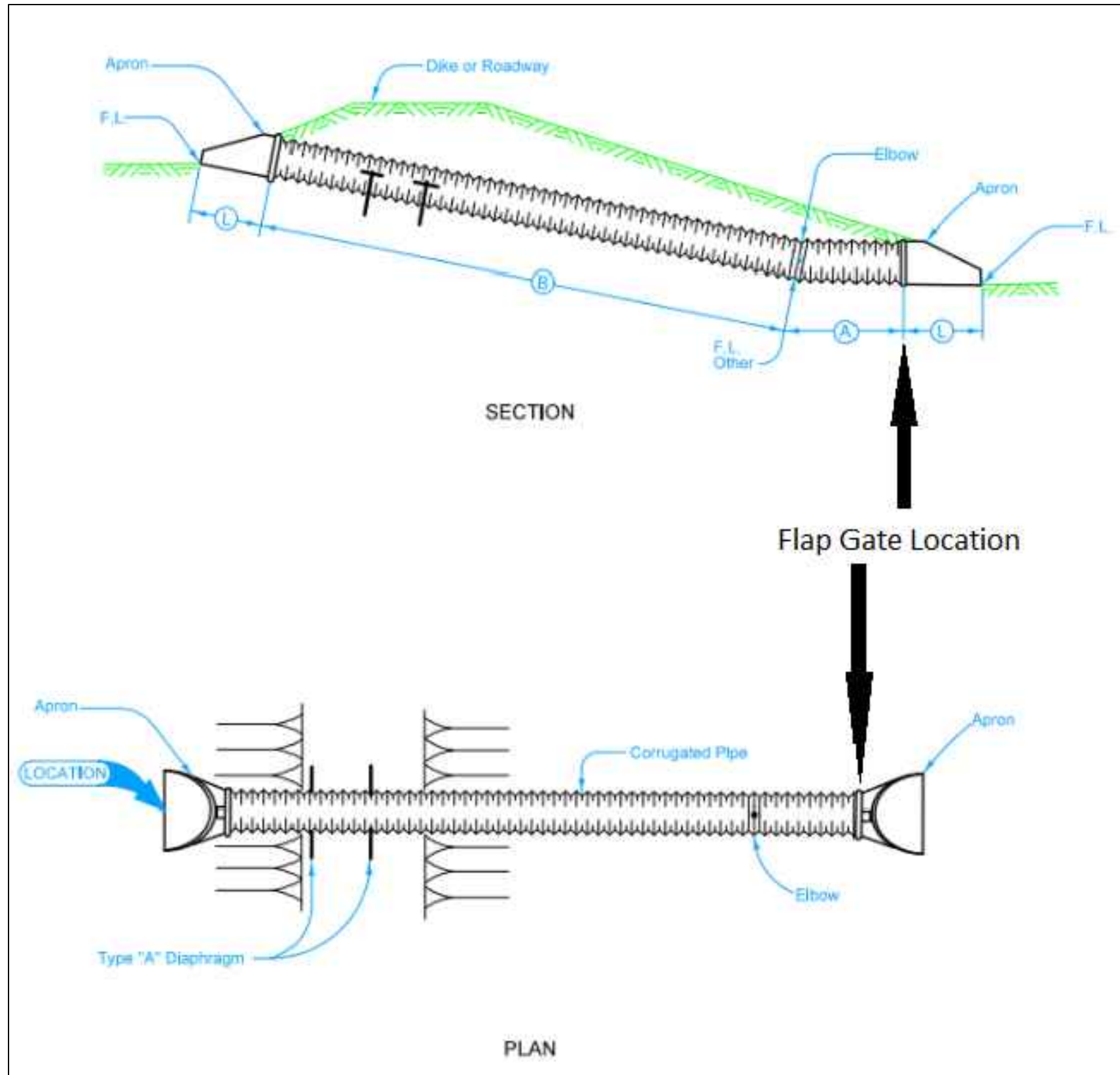
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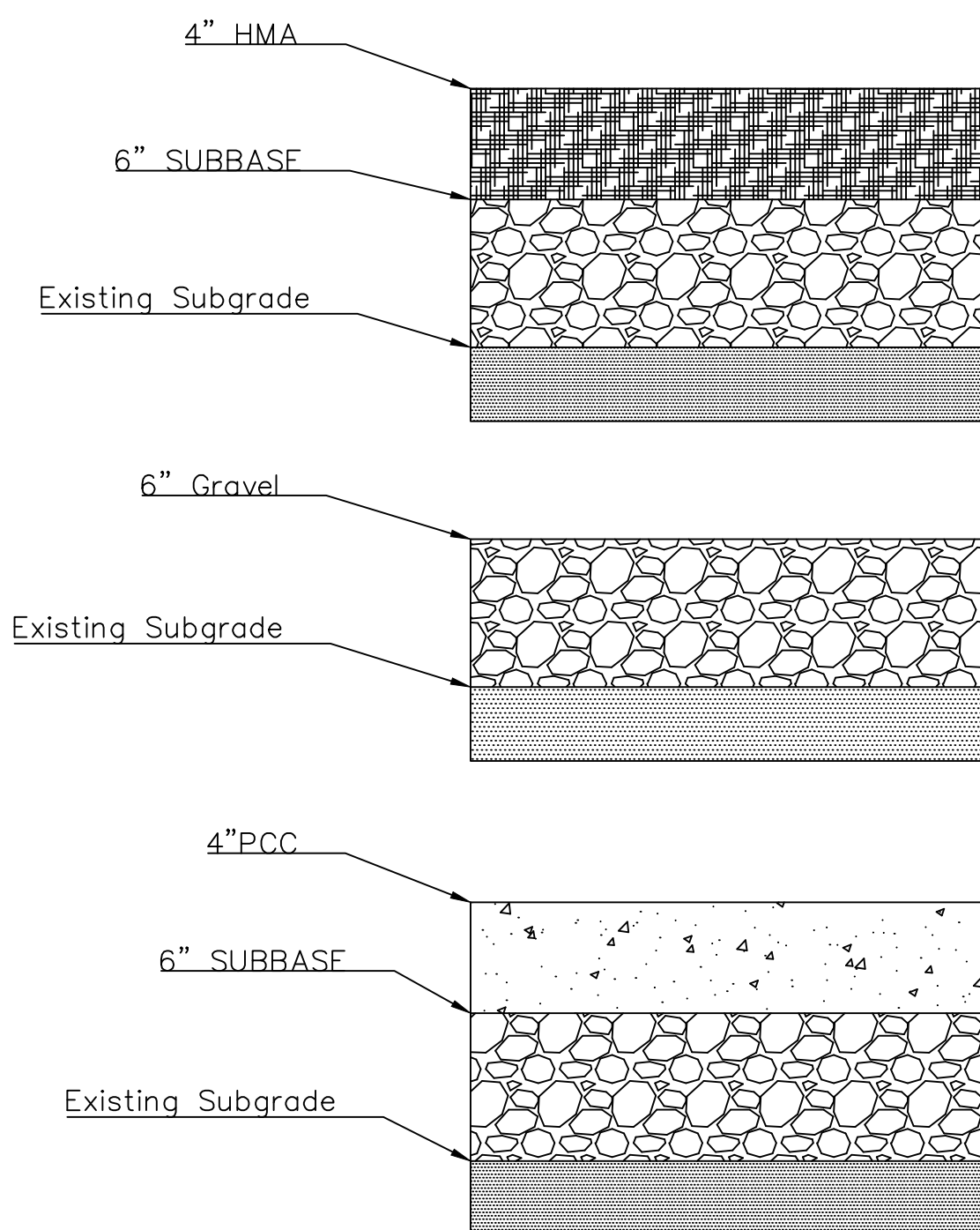
Lighting Details



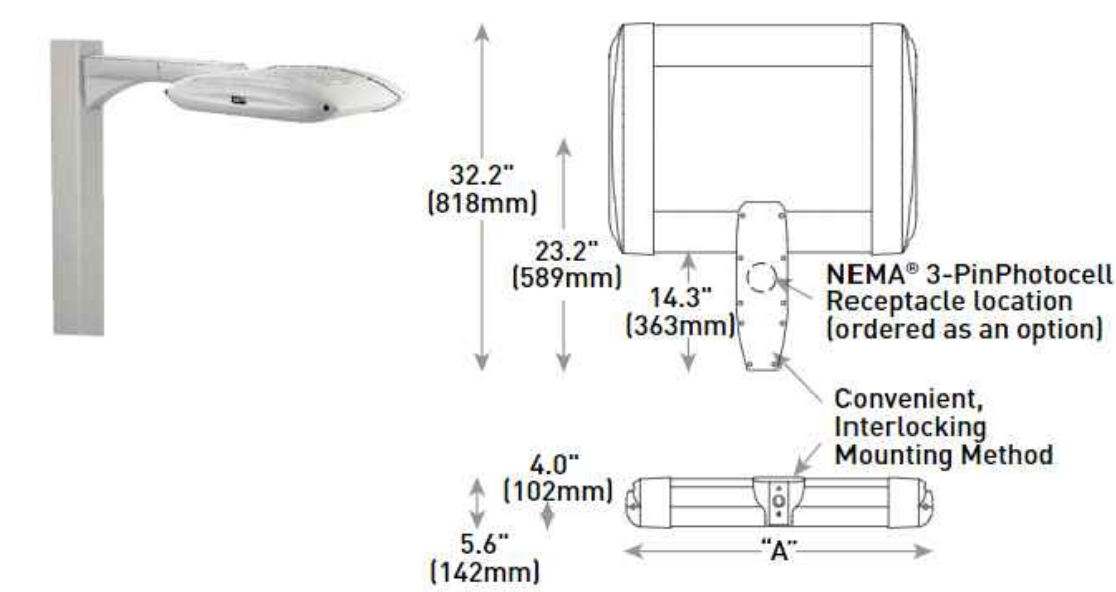
Culvert Details



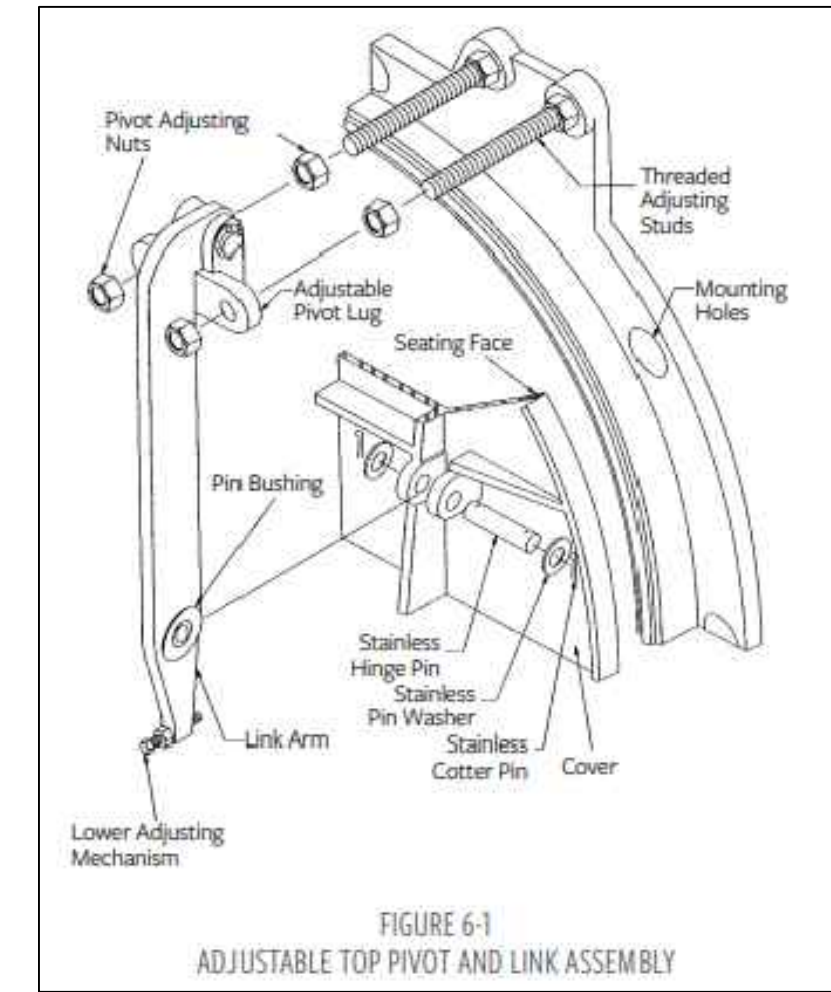
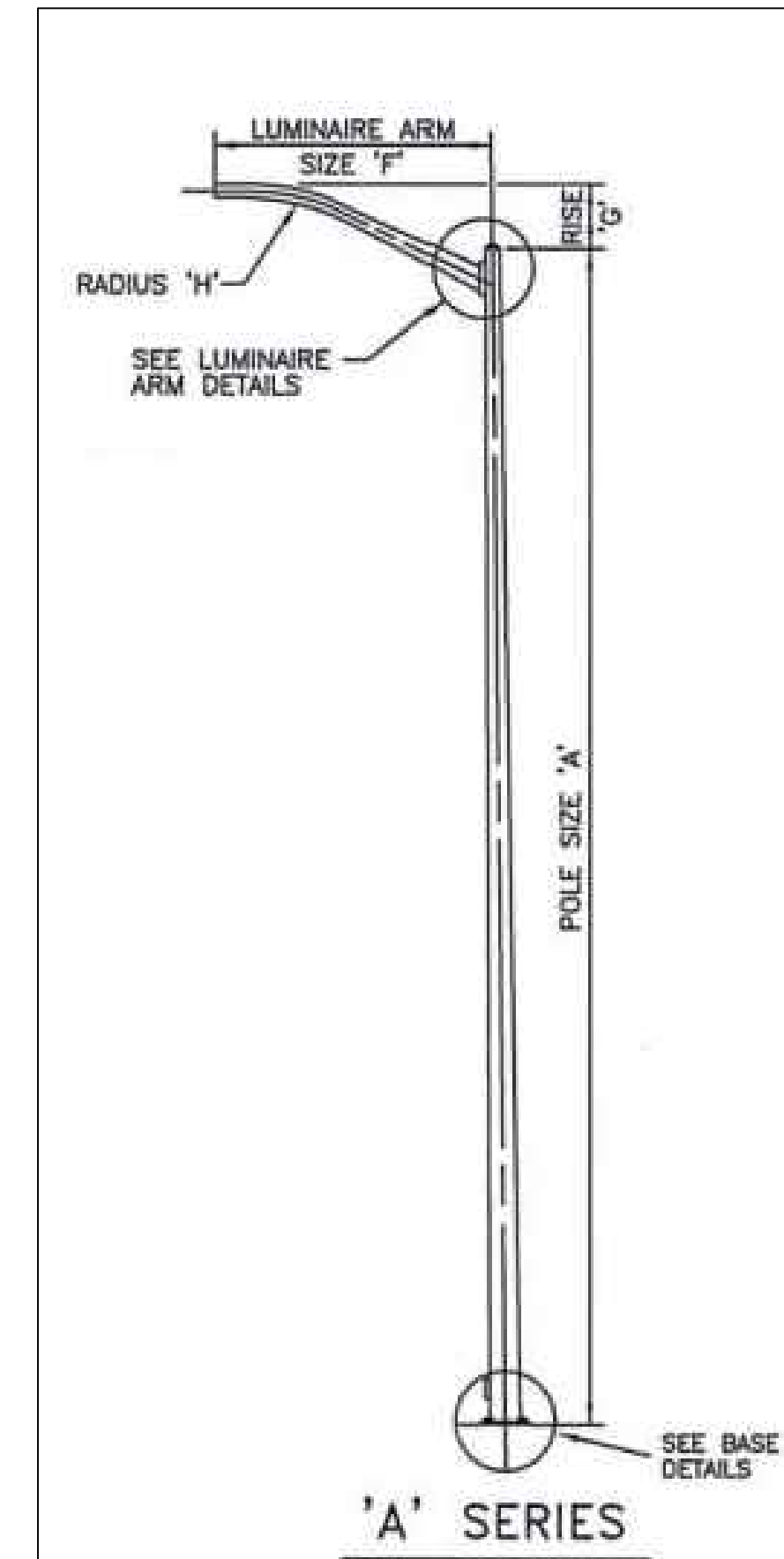
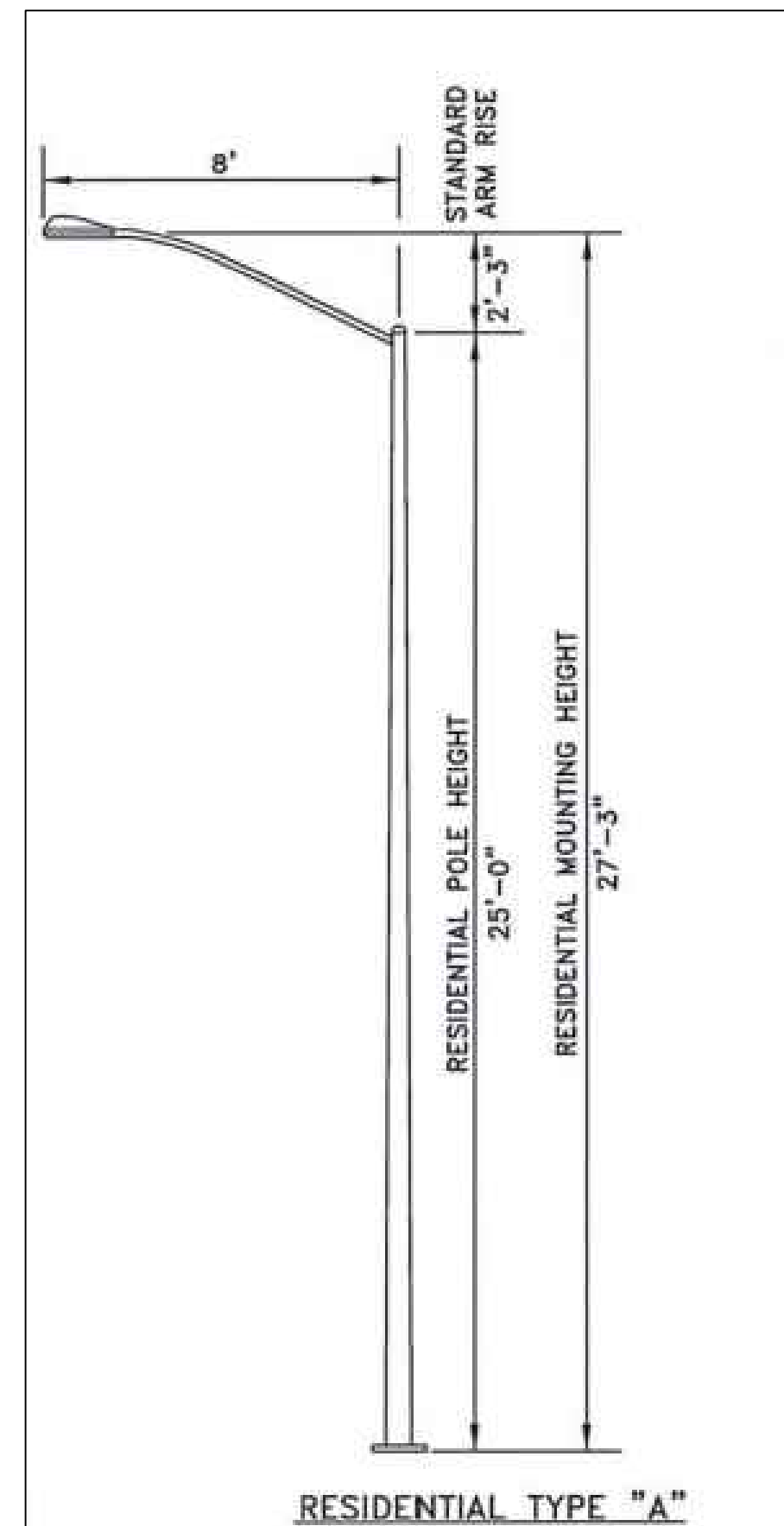
Trail Details



DL Mount



LED Count (x10)	Dim. "A"	Weight
02	12.1" (306mm)	23 lbs. (10kg)
04	12.1" (306mm)	26 lbs. (12kg)
06	14.1" (357mm)	29 lbs. (13kg)
08	16.1" (408mm)	30 lbs. (14kg)
10	18.1" (459mm)	34 lbs. (15kg)
12	20.1" (510mm)	36 lbs. (16kg)
14	22.1" (560mm)	42 lbs. (19kg)
16	24.1" (611mm)	44 lbs. (20kg)



LUMINAIRE ARM DETAILS

LUMINAIRE ARM DATA					
'F'	END OD	BASE OD	GA	'G'	'H'
6'-0"	2-3/8"	3-3/8"	10	1'-6"	7'-5"
8'-0"	2-3/8"	3-11/16"	10	2'-3"	7'-5"
10'-0"	2-3/8"	3-7/8"	10	2'-6"	13'-3"
12'-0"	2-3/8"	4-5/16"	10	3'-9"	13'-3"
15'-0"	2-3/8"	4-3/4"	10	4'-3"	13'-3"
18'-0"	2-3/8"	4-3/4"	10	5'-3"	13'-3"

FOUNDATION DIMENSIONS		
	SQUARE	ROUND
'A' SERIES	2'6" x 2'6" x 5"	30" x 6'6"

'A' SERIES								
IDENTIFICATION NUMBER	POLE DATA			BASE PLATE DATA			ANCHOR BOLTS	
	'A'	TOP OD	BASE OD	GA	'B'	'C'		'D'
A-250-F	25'-0"	3-7/8"	7-5/16"	11	12"	11-1/2"	11"	1" x 36" x 4"
A-266-F	26'-6"	3-7/8"	7-1/2"	11	12"	11-1/2"	11"	1" x 36" x 4"
A-286-F	28'-6"	3-7/8"	7-3/4"	11	12"	11-1/2"	11"	1" x 36" x 4"
A-300-F	30'-0"	3-7/8"	8"	11	12"	11-1/2"	11"	1" x 36" x 4"

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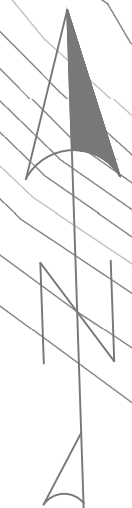
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SHEET NAME
 Details Sheet

SHEET NO.
B.1



S Hwy 61

Hurstville Rd

Property Line

Hurstville Branch

Berm

Pavilion

Rock Crusher

Aqueduct

Lime Kiln 1

Lime Kiln 4

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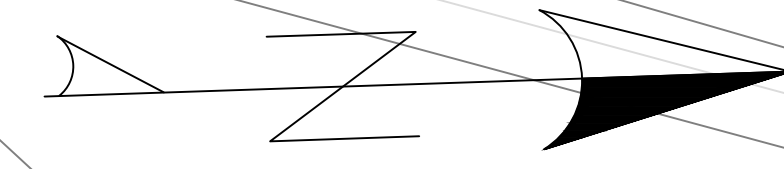
Hurstville Lime Kilns

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SHEET NAME	Existing Site
SHEET NO.	C.1

Hurstville Road

Existing Culvert



-15.0%

-2.5%

-2.1%

-2.1%

-3.2%

-3.6%

-11.5%

-9.8%

657.00

656.00

660.00

656.04

655.00

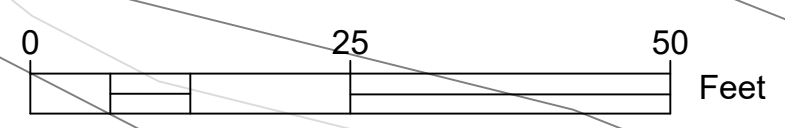
654.00

Kiln 4

Kiln 1

Pavilion

New Culvert



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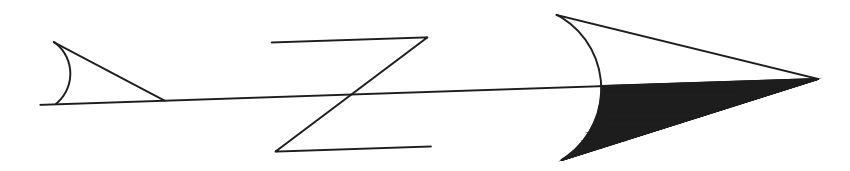
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SHEET NAME
Grading Plan

SHEET NO.
ED.1



Existing Culvert

Pavilion

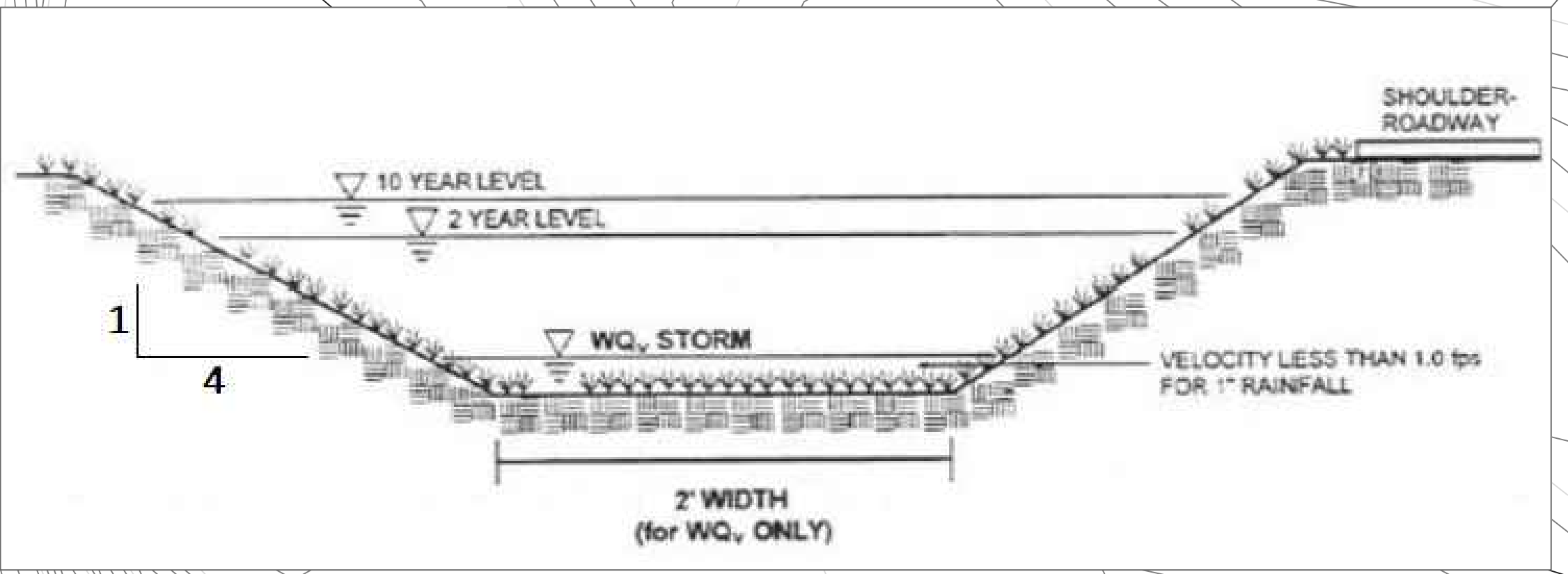
Graded Area

New Culverts

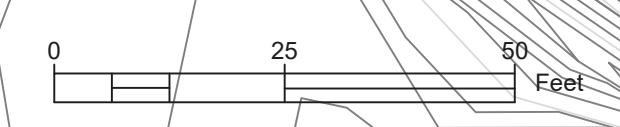
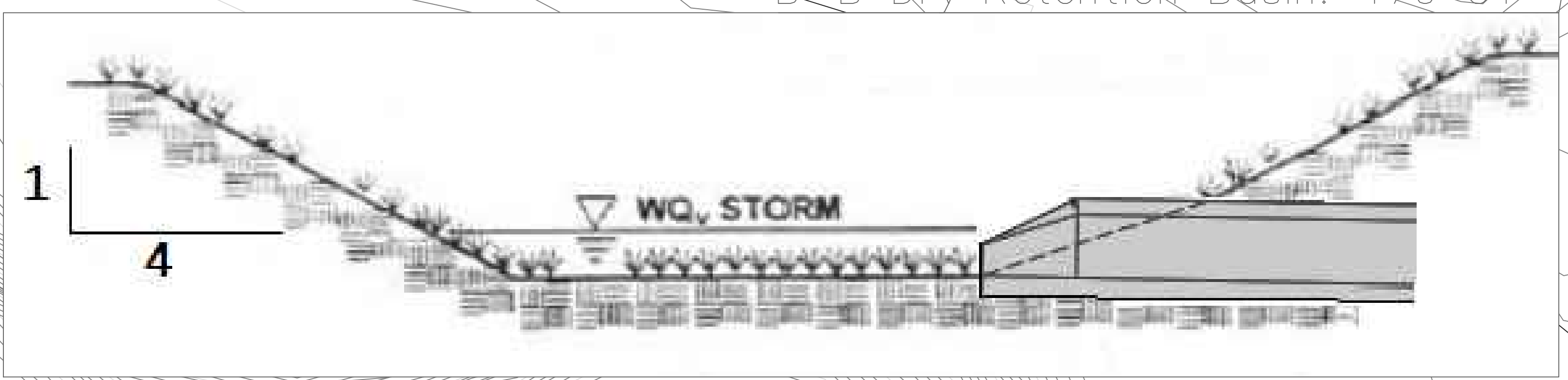
Kiln 4

Kiln 1

A-A Grass Swale Cross Section



B-B Dry Retention Basin: 170 CY



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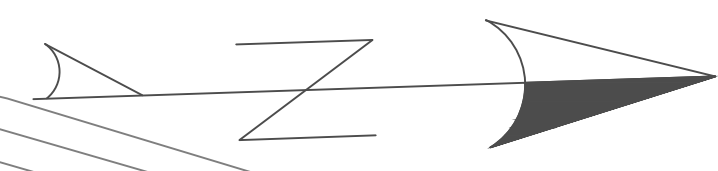
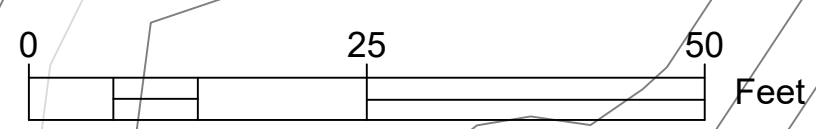
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SHEET NAME
Drainage Detail

SHEET NO.
R.1

See sheet B.1 for
culvert cross section.



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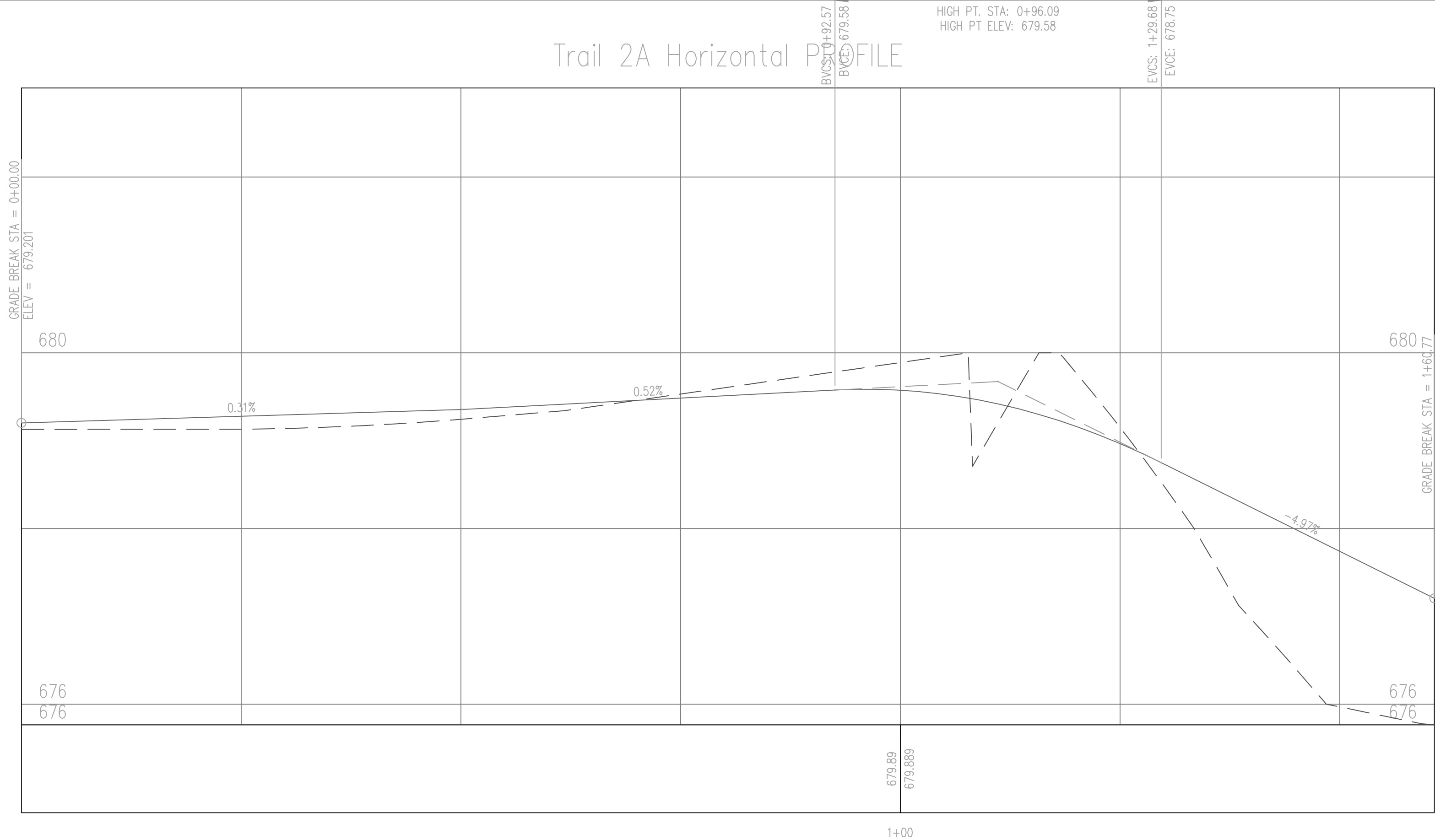
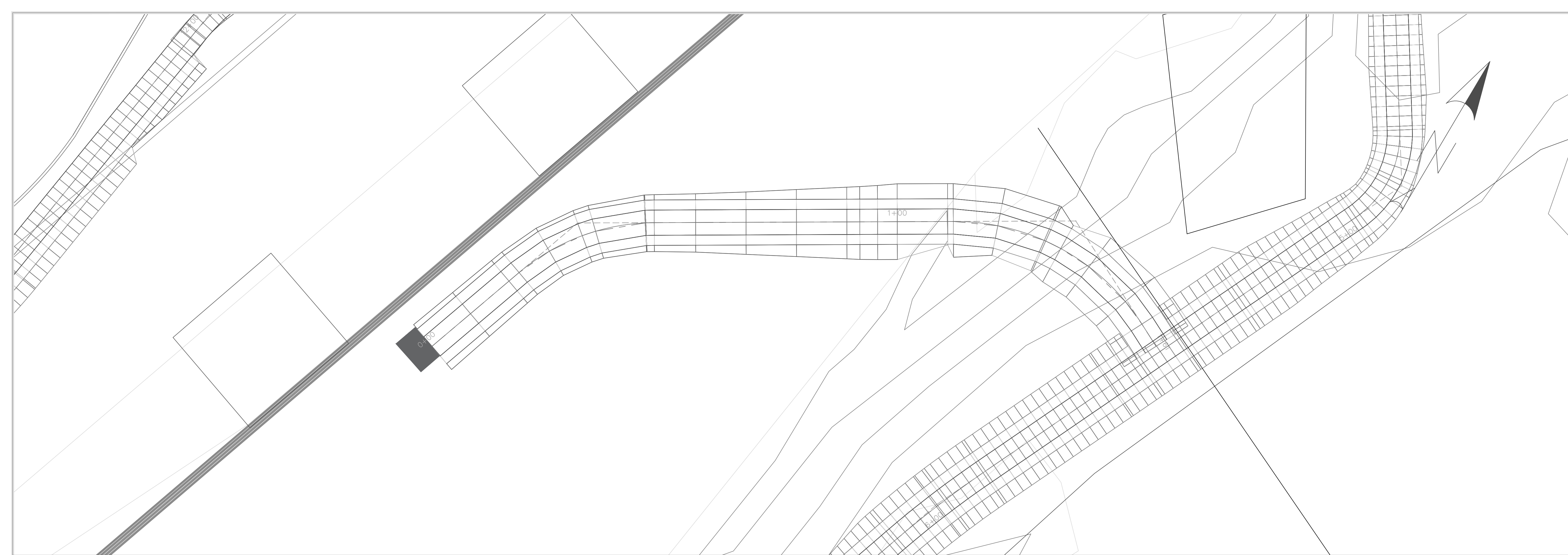
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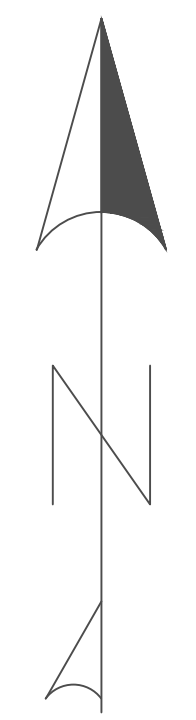
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SHEET NAME
 Trail Layout

SHEET NO.
S.1



Trail 2A Horizontal Profile



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SHEET NAME
 Trail 2A
 Plan/Profile

SHEET NO.
S.2

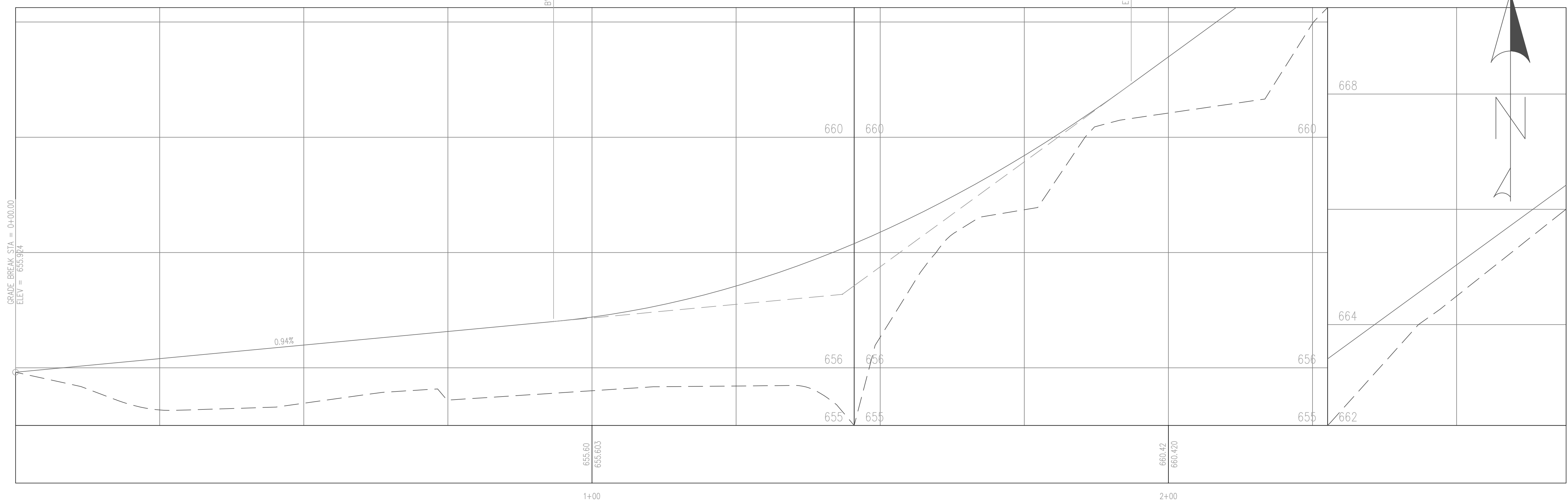


BVCS: 0+93.33
BVCE: 656.80

EVCS: 1+93.54
EVCE: 660.92

Trail 2D Horizontal PROFILE

Trail 2D Horizontal PROFILE



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SHEET NAME
Trail 2D
Plan/Profile

SHEET NO.
S.3



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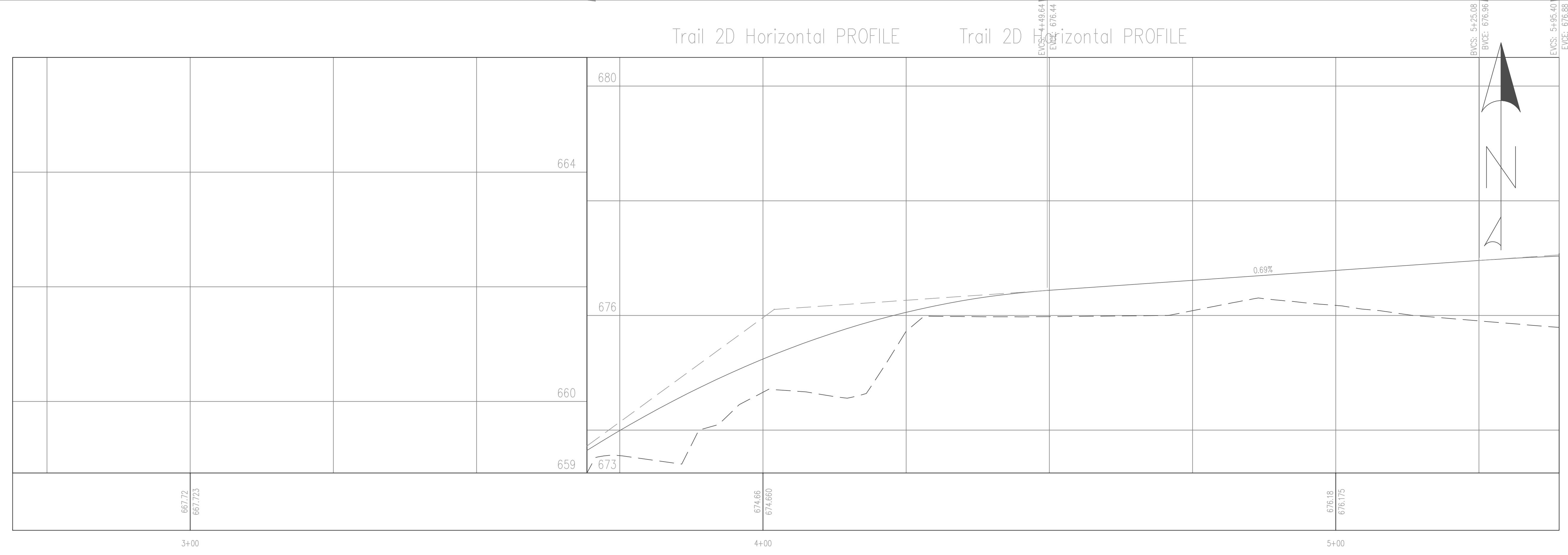


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SHEET NAME
 Trail 2D
 Plan/Profile

SHEET NO.
S.4



Trail 2D Horizontal PROFILE

Trail 2D Horizontal PROFILE

LINE - 2
STATION 5+39.00
ET NUMBER: 2

BVCS: 5+25.08
BVCE: 676.96

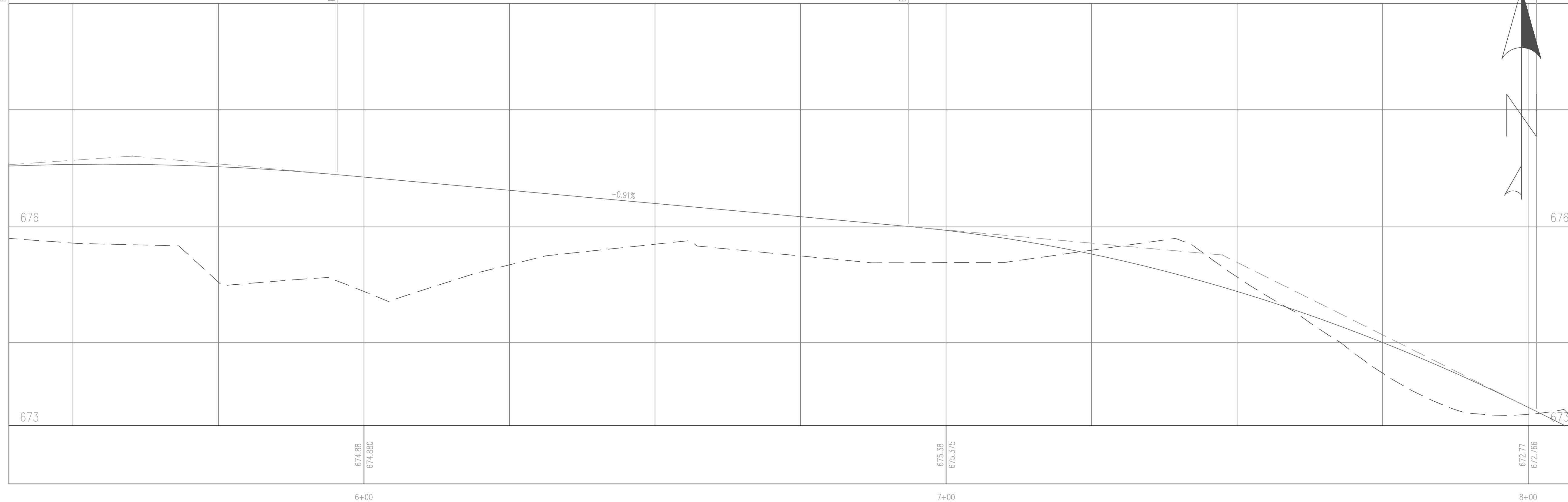
HIGH PT. STA: 5+55.57
HIGH PT. ELEV: 677.07

EVCS: 5+95.40
EVCE: 676.88

BVCS: 6+93.50
BVCE: 675.99

EVCS: 8+01.42
EVCE: 672.62

Trail 2D Horizontal PROFILE



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SHEET NAME

Trail 2D
Plan/Profile

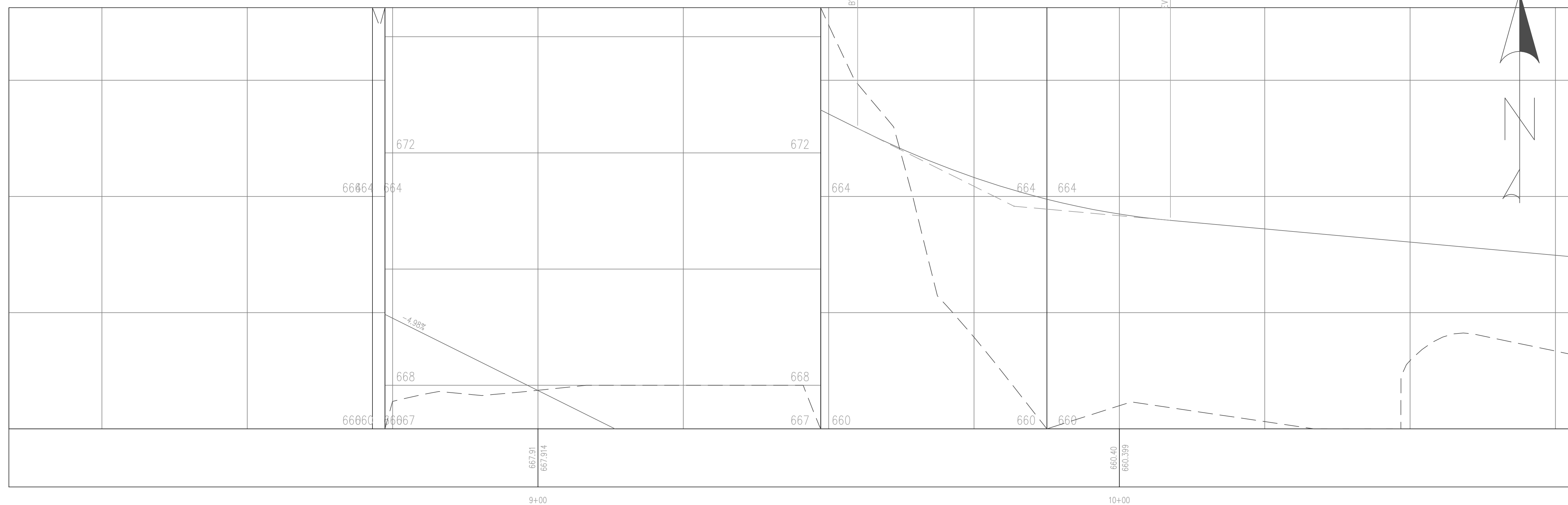
SHEET NO.

S.5



Trail 2D Horizontal PROFILE

Trail 2D Horizontal PROFILE



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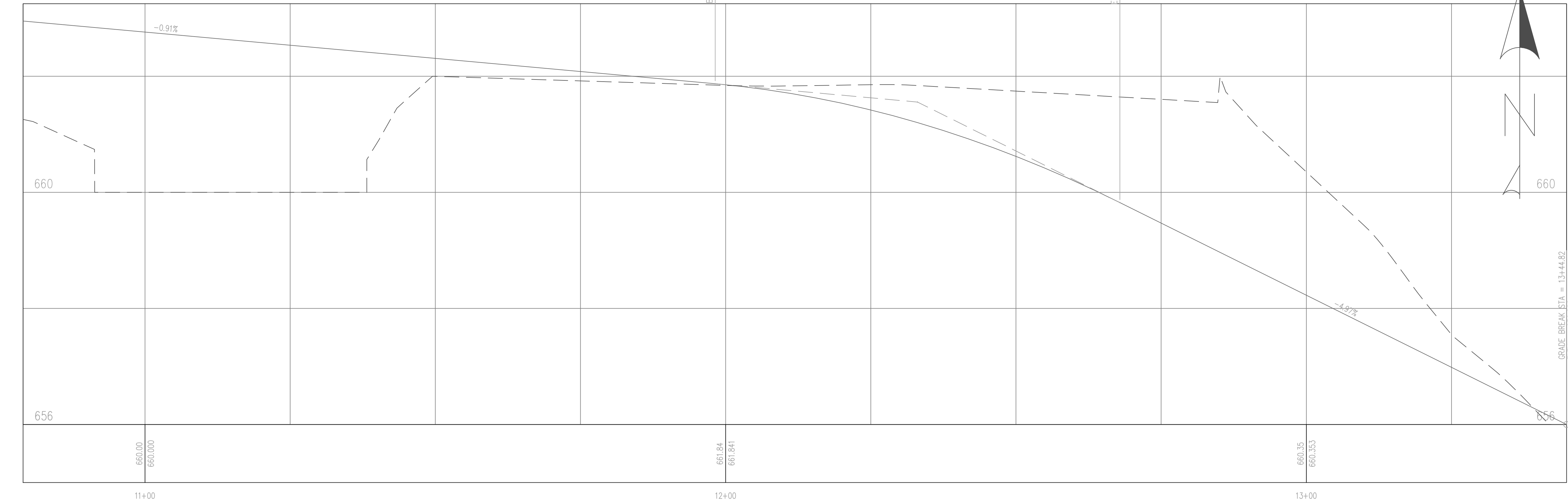
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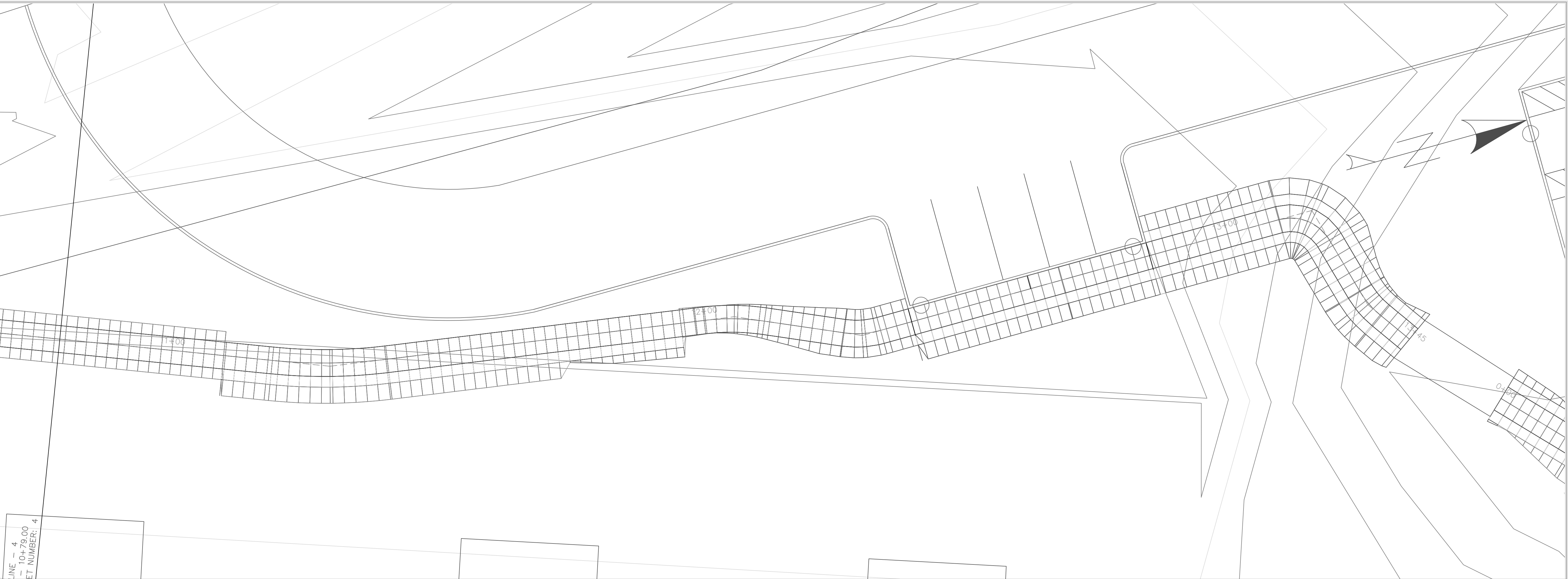
SHEET NAME
 Trail 2D
 Plan/Profile

SHEET NO.
S.6

LINE - 4
10479.00
ET NUMBER: 4



Trail 2D Horizontal PROFILE



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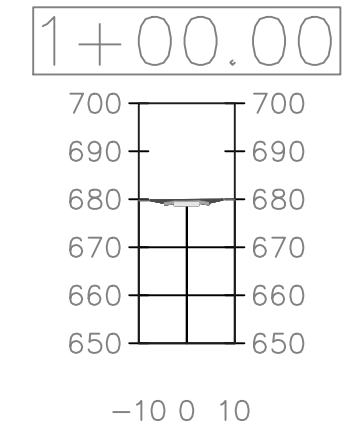
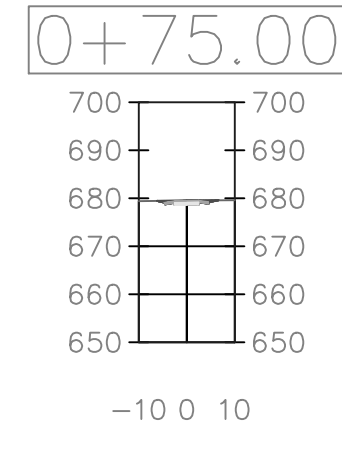
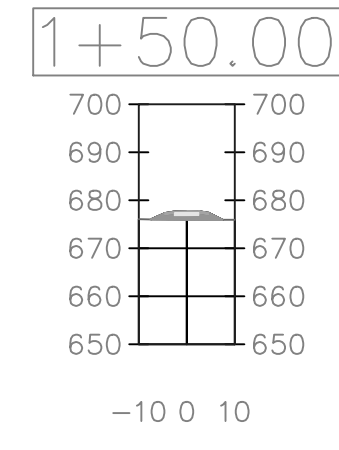
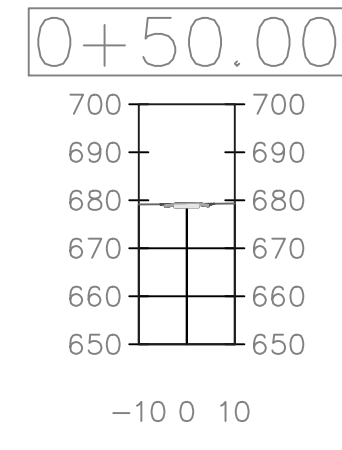
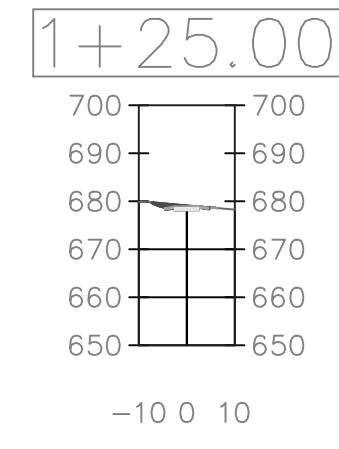
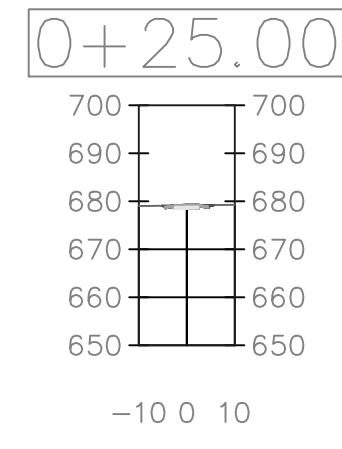


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SHEET NAME
Trail 2D
Plan/Profile

SHEET NO.
S.7



PROJECT: CEE: 4850
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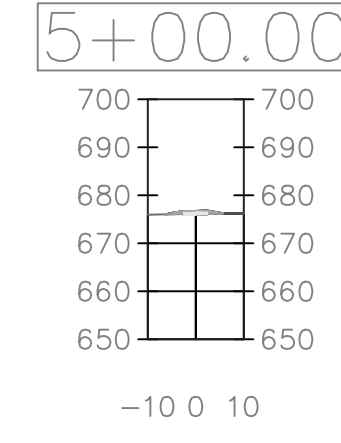
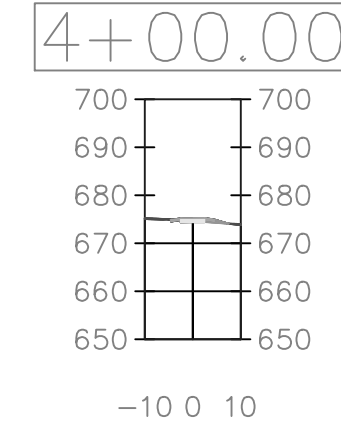
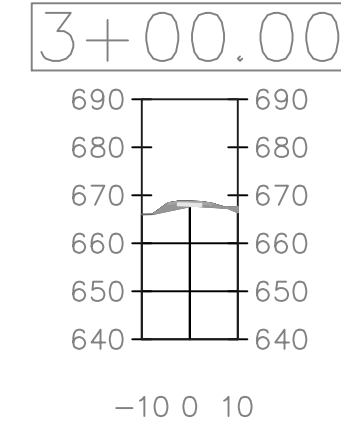
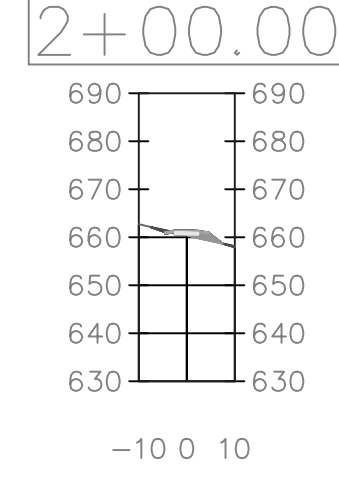
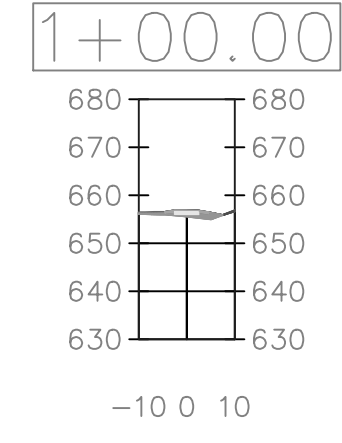
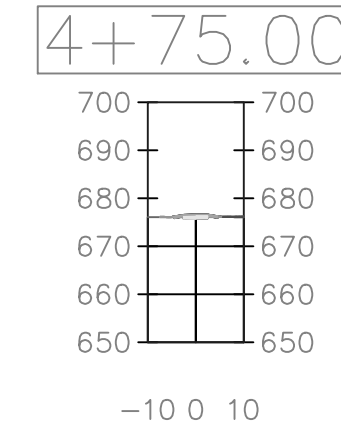
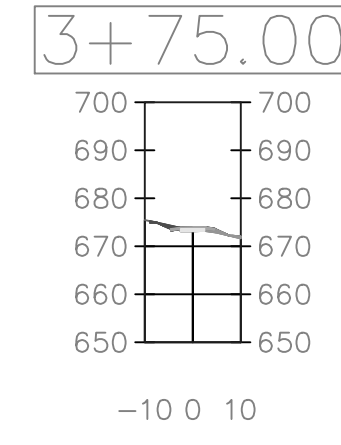
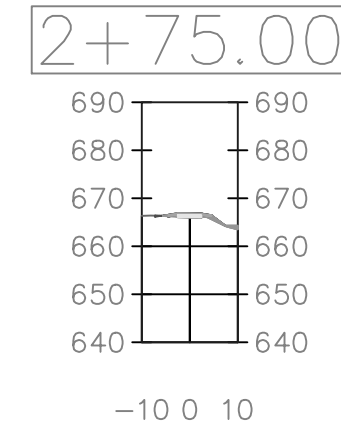
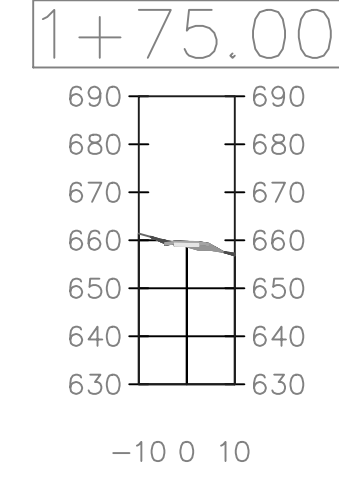
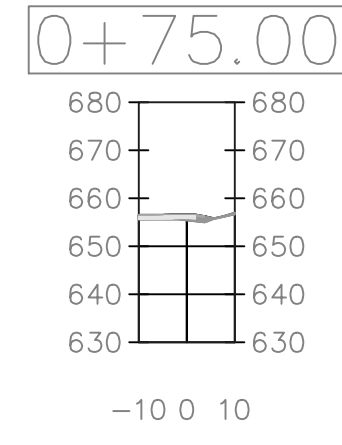
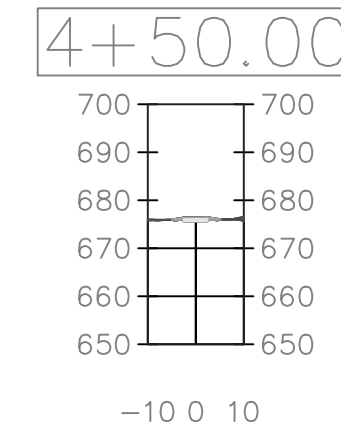
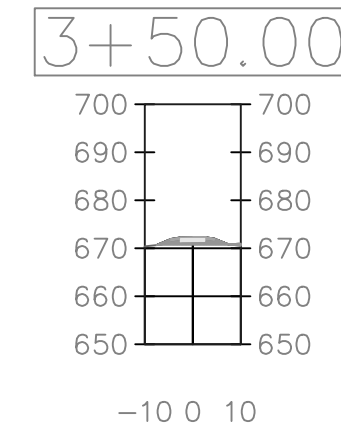
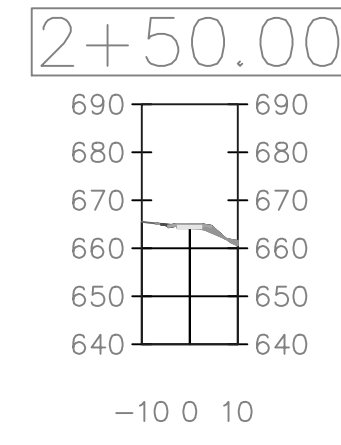
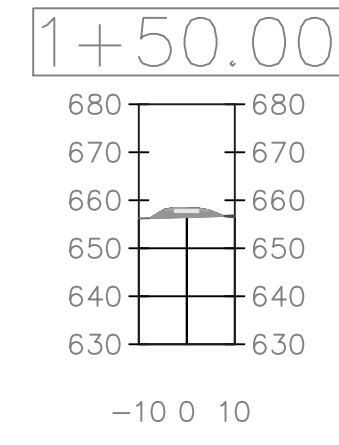
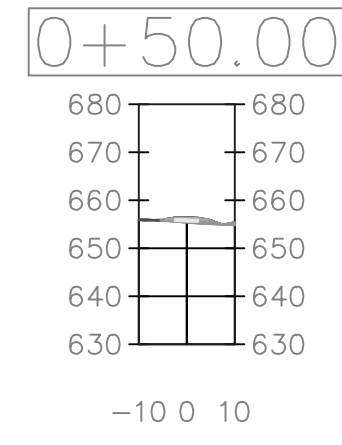
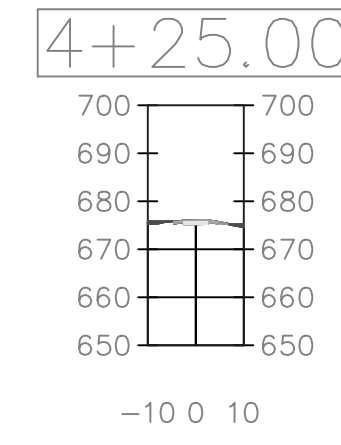
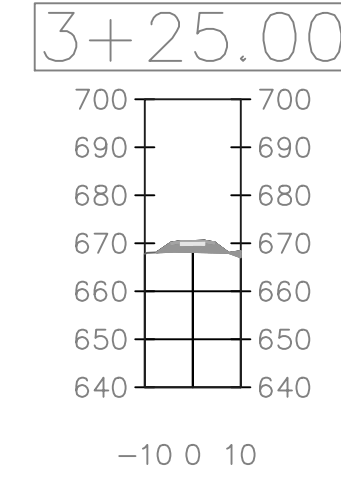
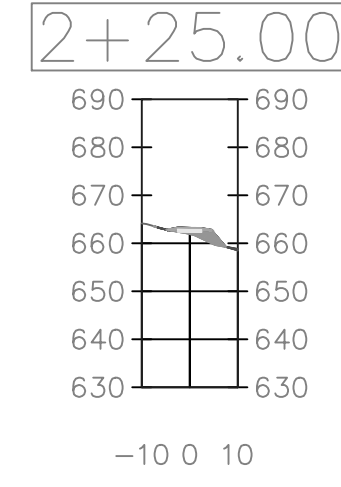
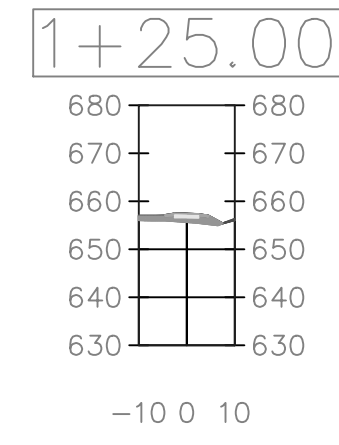
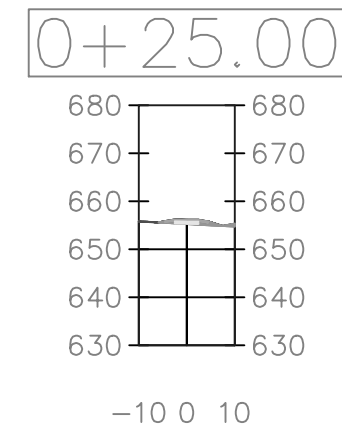
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7301 Hurstville Rd
 Maquoketa, IA 52060

SHEET NAME
 Trail 2A
 Section Views

SHEET NO.
S.8



PROJECT: CEE: 4850
DATE: 5/9/2022
DRAWN BY: AMF
REVISION:

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4105 SEAMANS CENTER FOR THE
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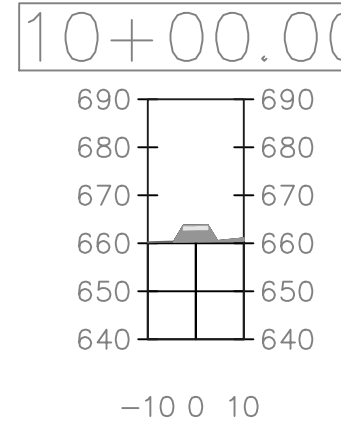
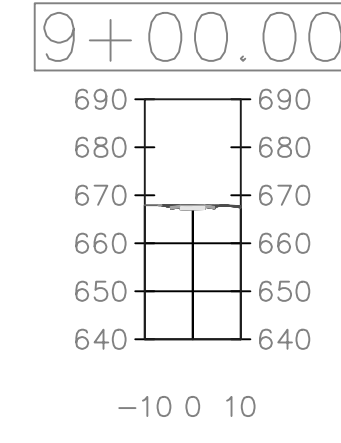
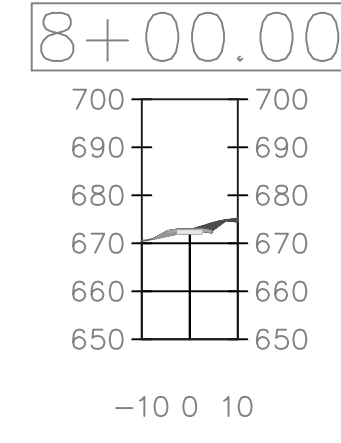
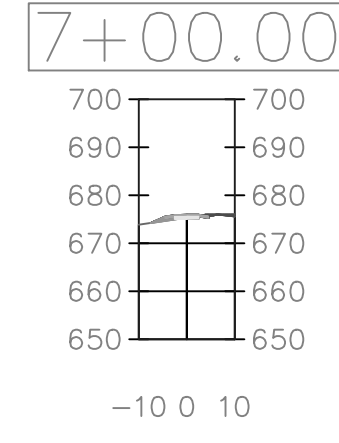
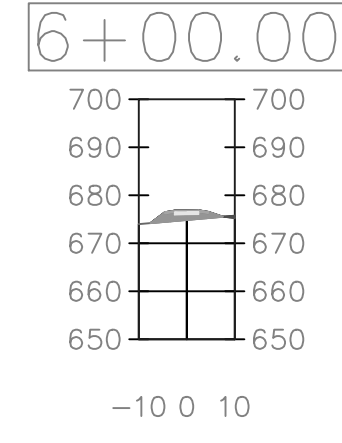
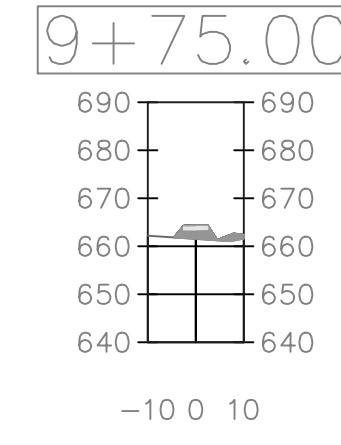
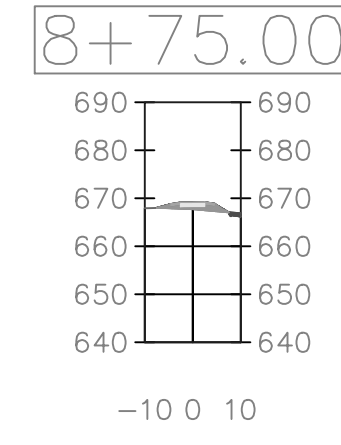
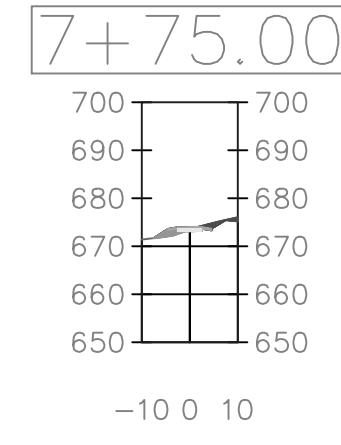
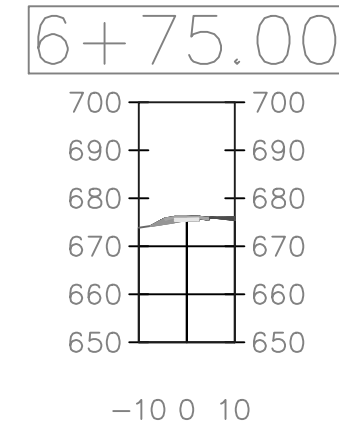
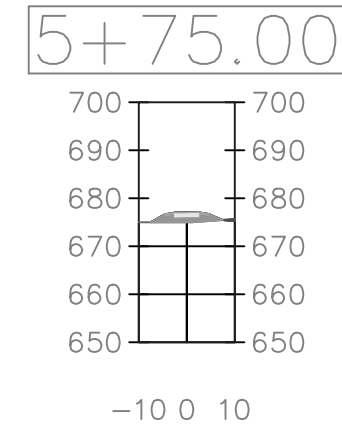
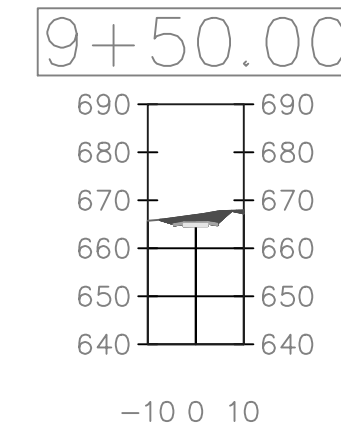
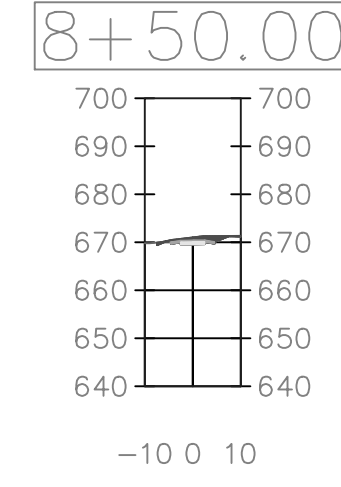
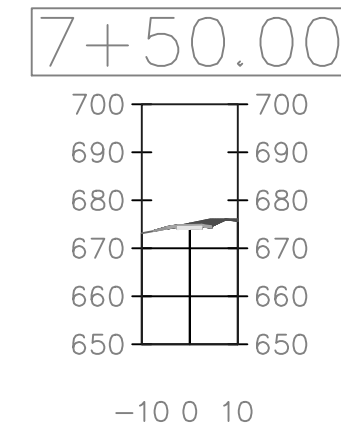
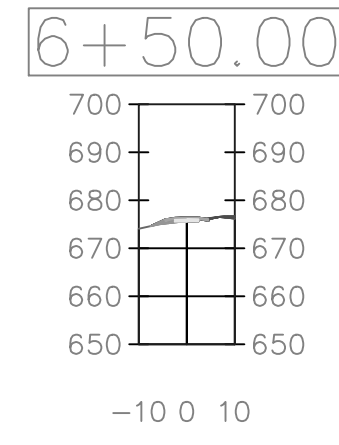
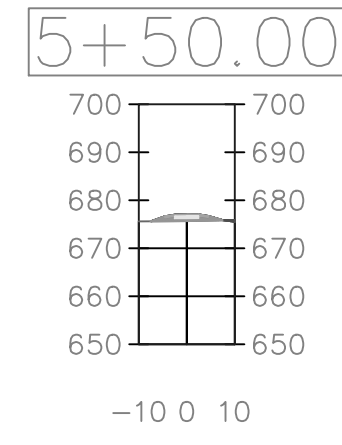
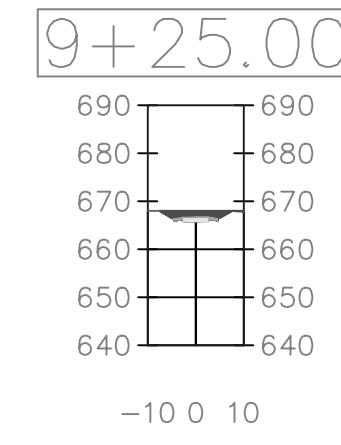
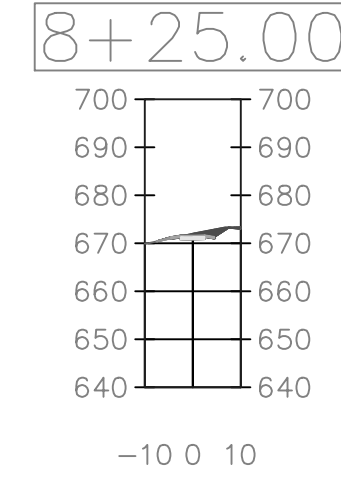
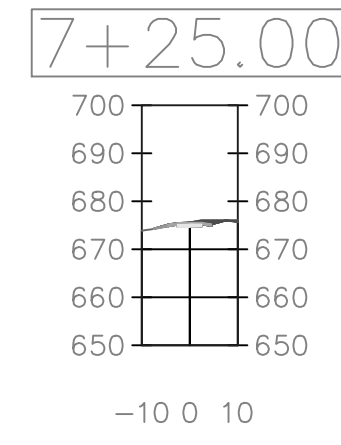
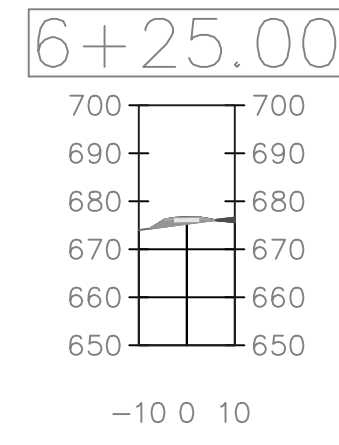
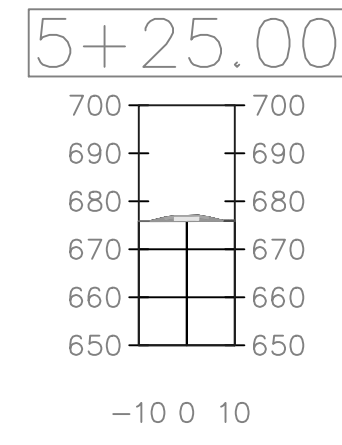
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Hurstville Lime Kilns

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Maquoketa, IA 52060

SHEET NAME
Trail 2D
Section Views

SHEET NO.
S.9



PROJECT: CEE: 4850
 DATE: 5/9/2022
 DRAWN BY: AMF
 REVISION:

THE UNIVERSITY OF IOWA
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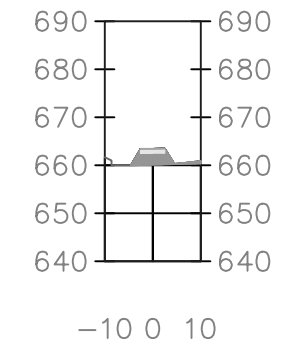
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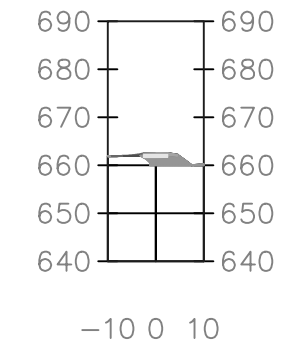
SHEET NAME
 Trail 2D
 Section Views

SHEET NO.
S.10

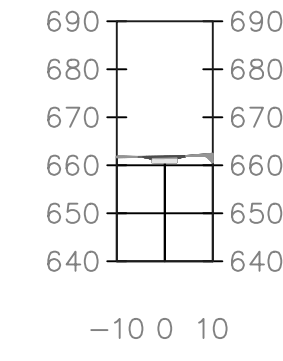
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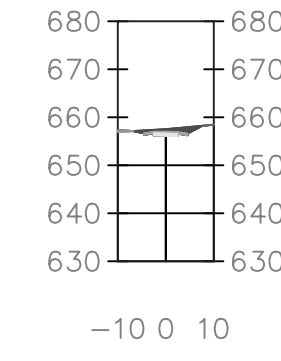
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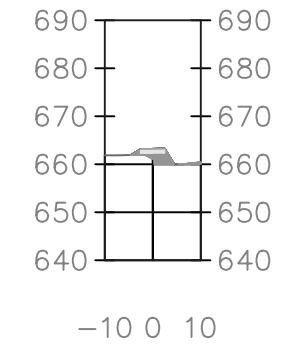
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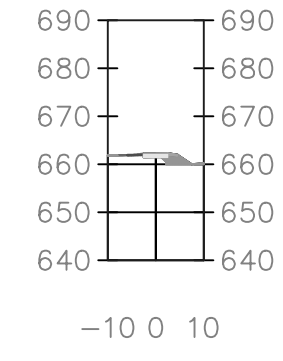
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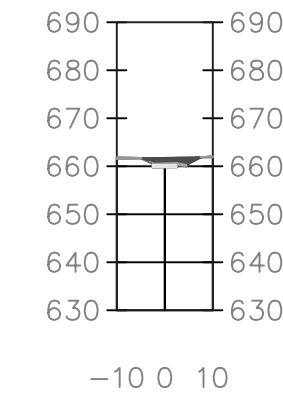
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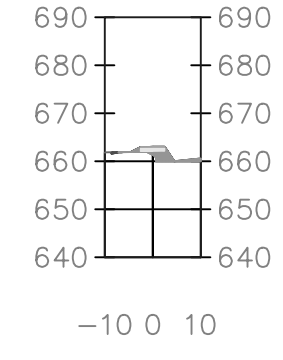
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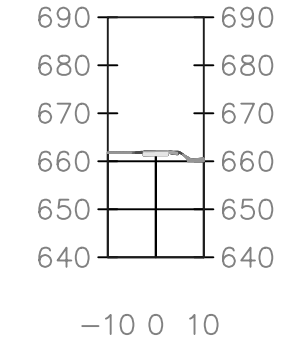
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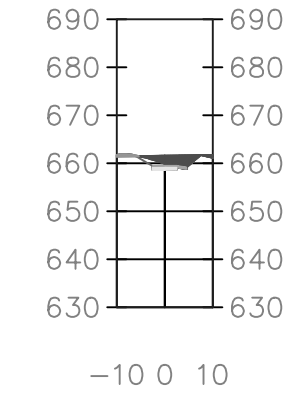
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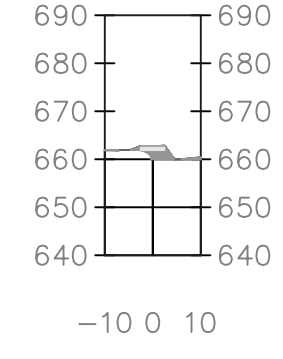
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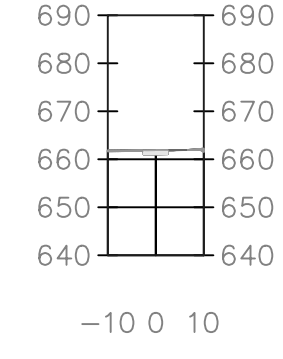
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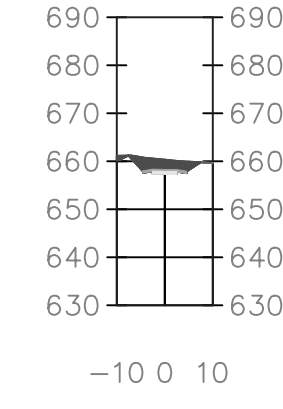
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12+00.00



13+00.00



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SHEET NAME
 Trail 2D
 Section Views

SHEET NO.
S.11