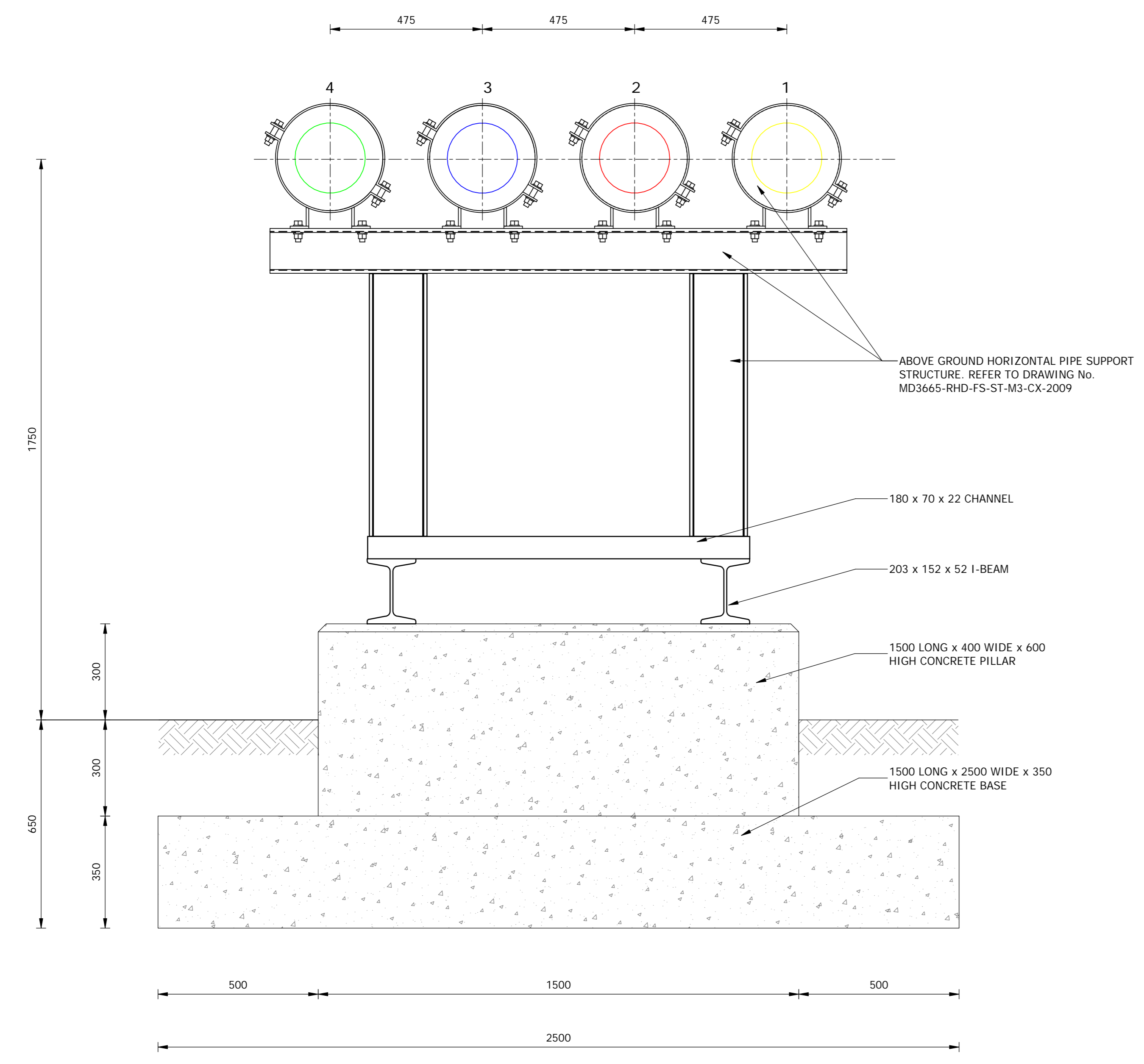
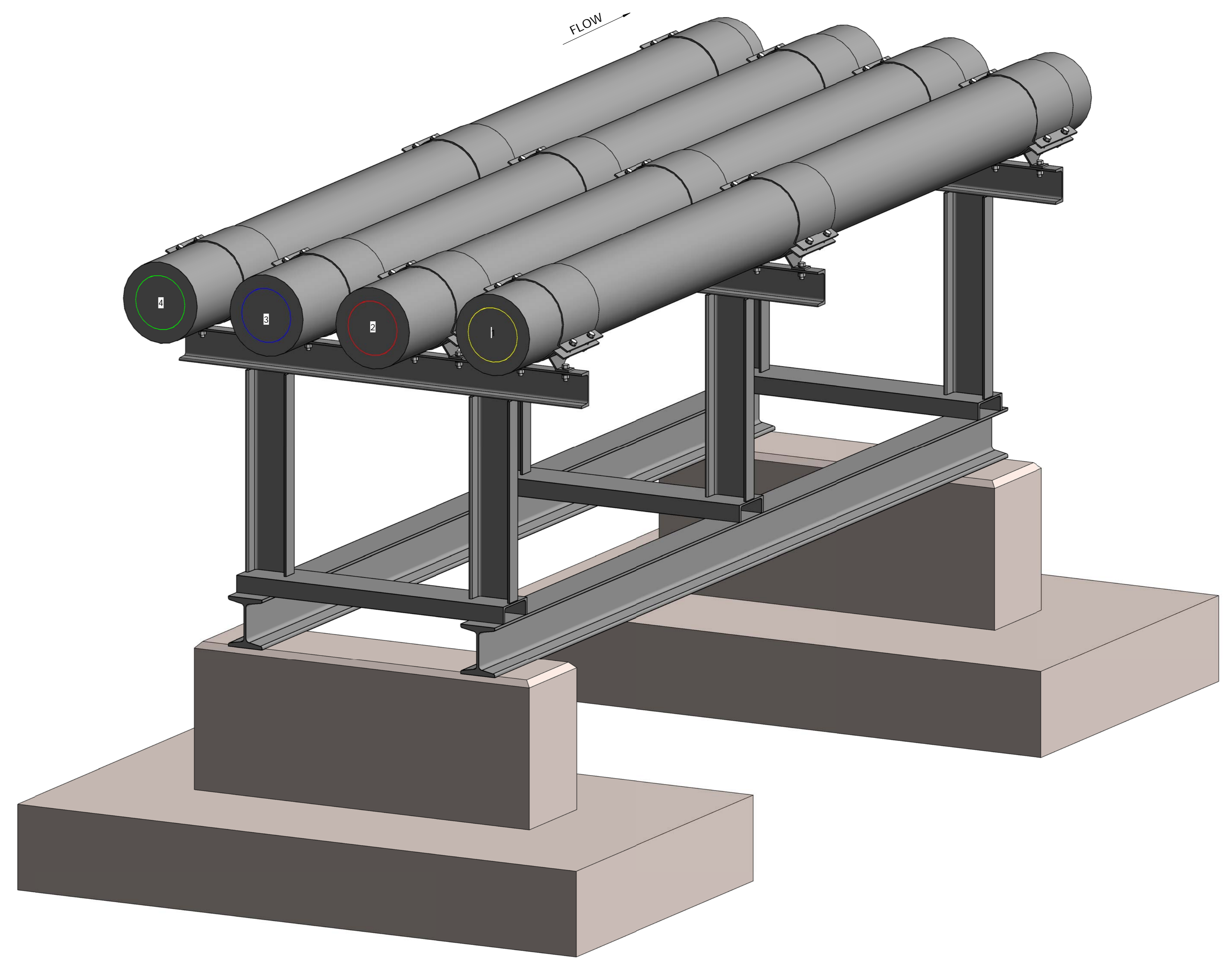


SIDE VIEW
1 : 10



FRONT VIEW
1 : 10



3D VIEW OF STORMWATER / CANAL CROSSING

NOTES

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PROJECT
WILMAR EDIBLE OIL PIPELINE

DRAWING DESCRIPTION
TYPICAL STORM WATER CROSSING DETAILS

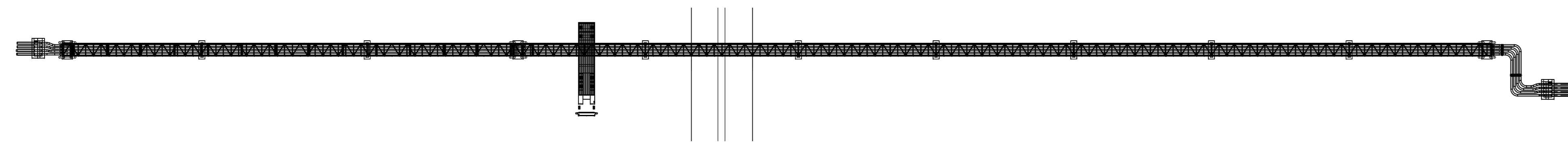
FOR INFORMATION ONLY

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DRAWN: B. MANS	SIGNATURE AND DATE
DRAWING CHECKED: P.G. FISCHER	SIGNATURE AND DATE
DESIGN CHECKED: P.G. FISCHER	SIGNATURE AND DATE
PROJ. PRINCIPAL / APPROVED: P.G. FISCHER	SIGNATURE AND DATE

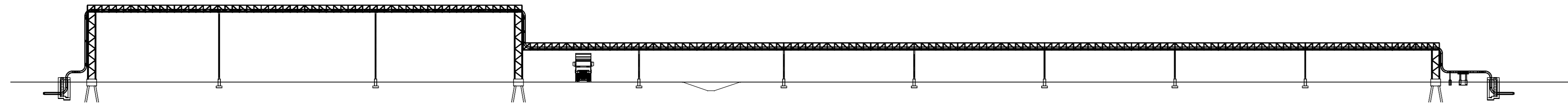
No.	DATE	REVISION DESCRIPTION	BY	TO
A	16/09/2018	FOR INFORMATION	B.M.	P.G.F.
B	14/02/2019	APPROVAL FOR PIPE ROUTE ALIGNMENT	B.M.	P.G.F.

PROJECT No. MD3665	CONTRACT No.	DATE 2019/03/14 08:06:22 AM
SHEET No. SHEET 1 OF 1	DISCIPLINE CIVIL	SCALE 1 : 10
DRAWING No. MD3665-RHD-FS-ST-M3-CX-2007		PAPER SIZE A0

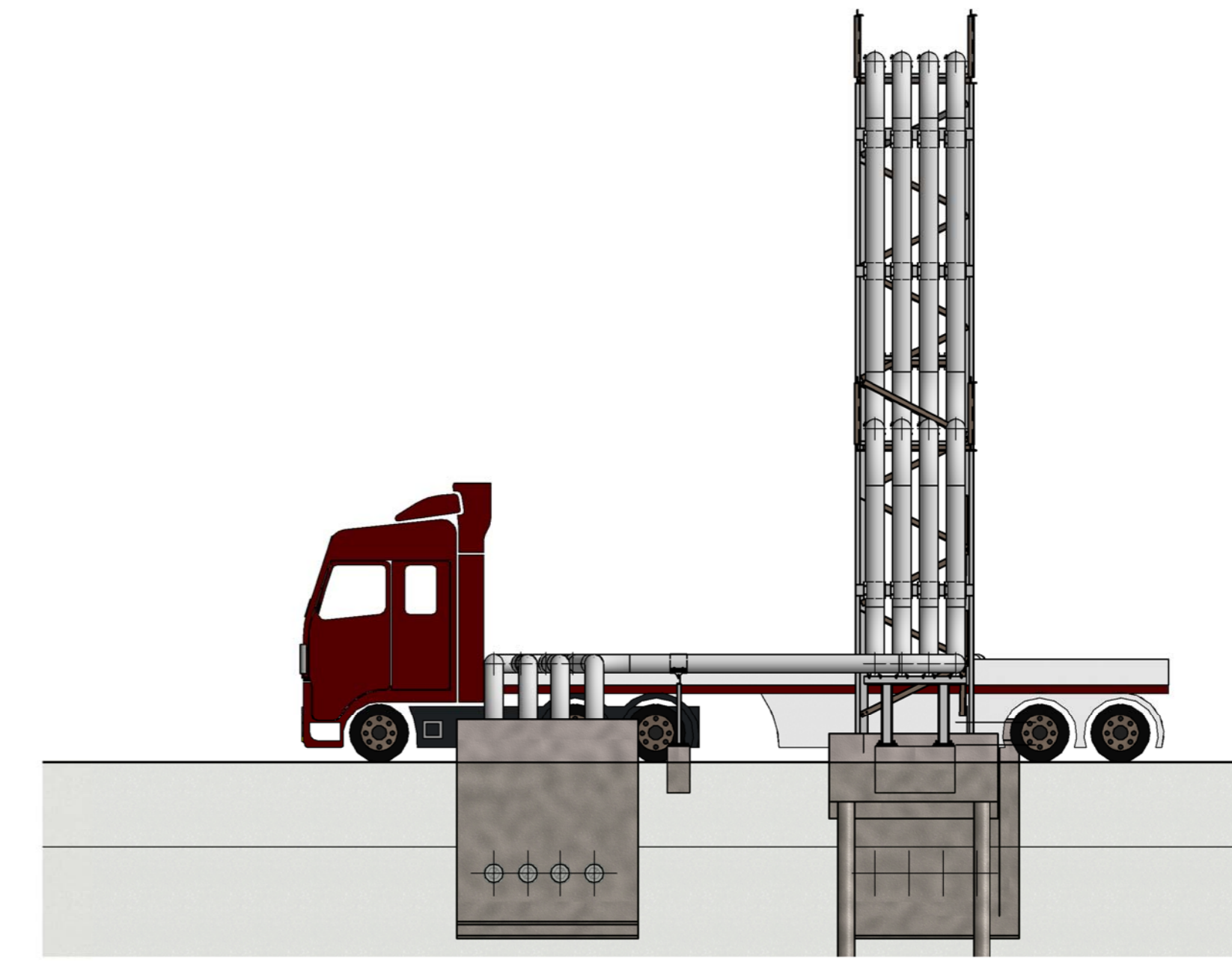
REV. **B**



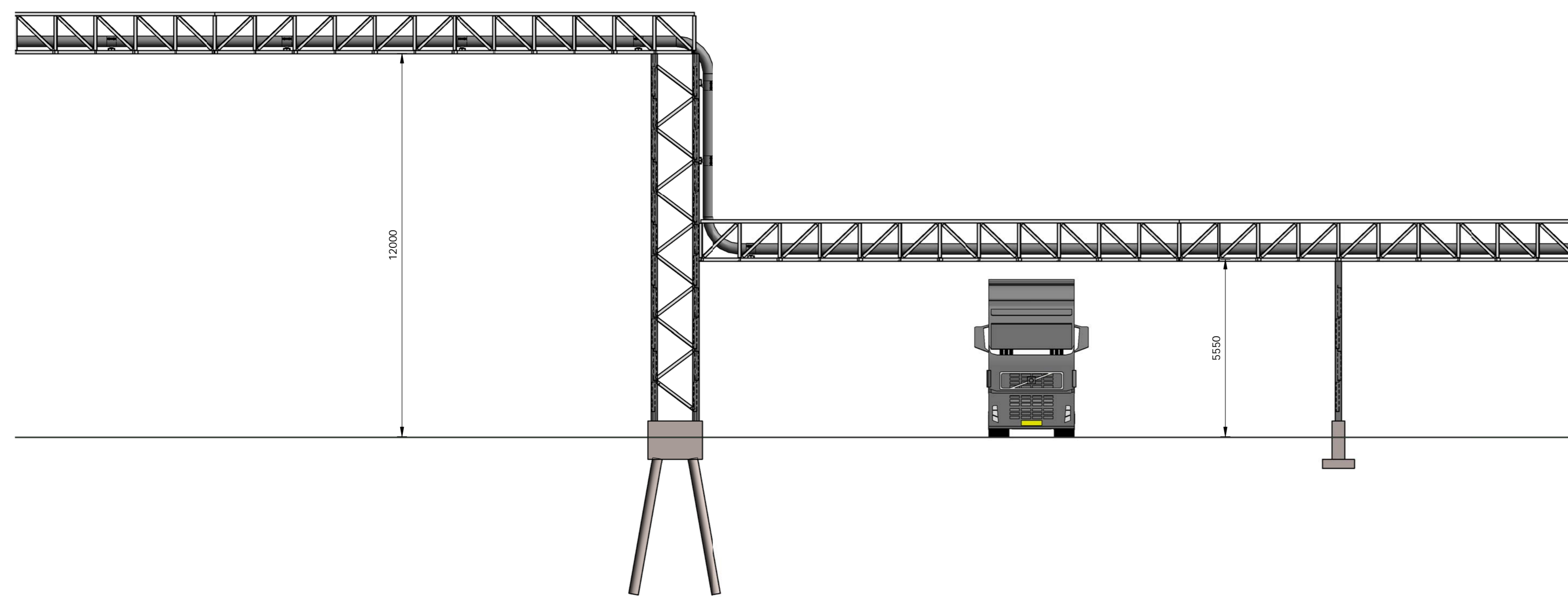
TYPICAL PLAN
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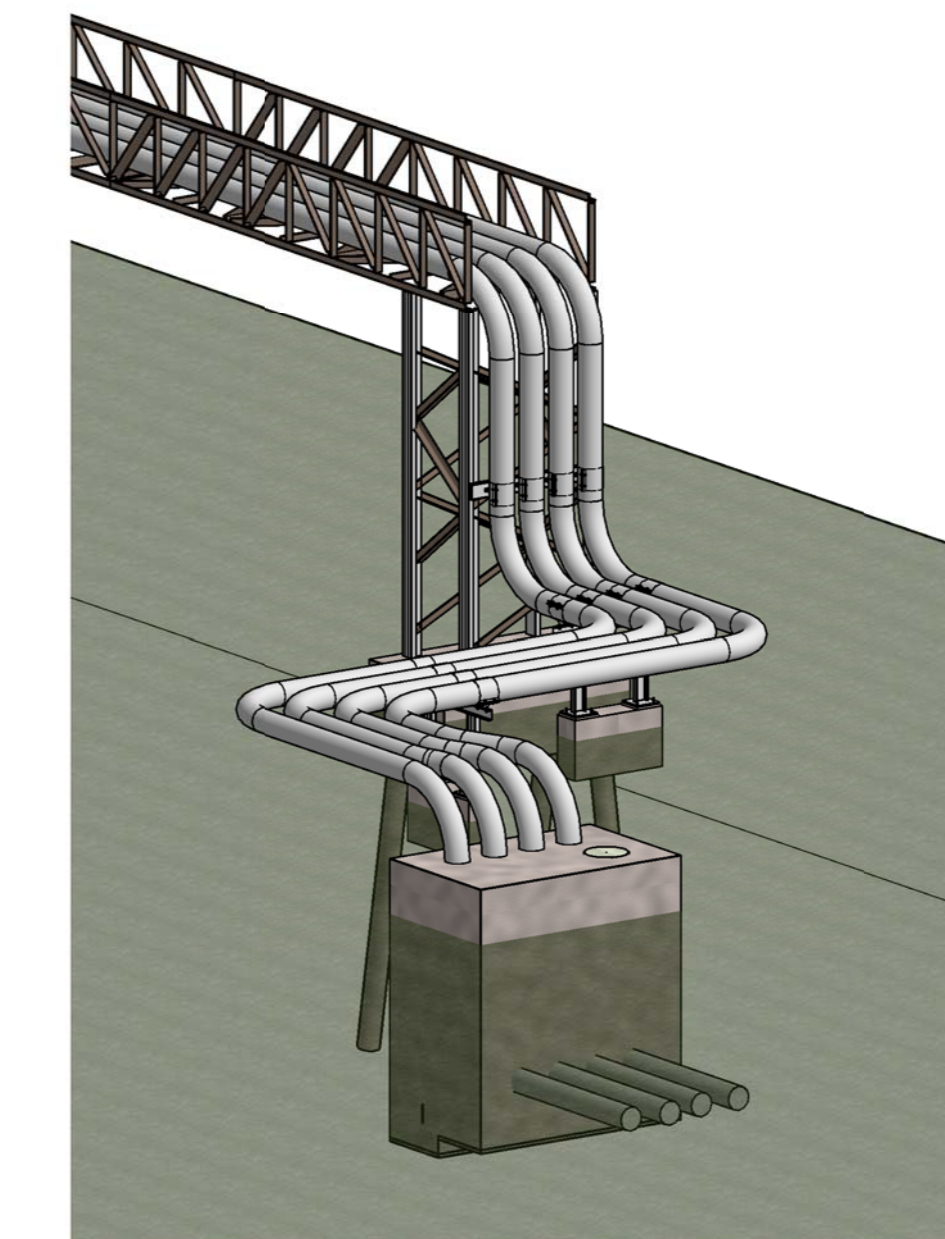
SOUTH ELEVATION
1 : 500



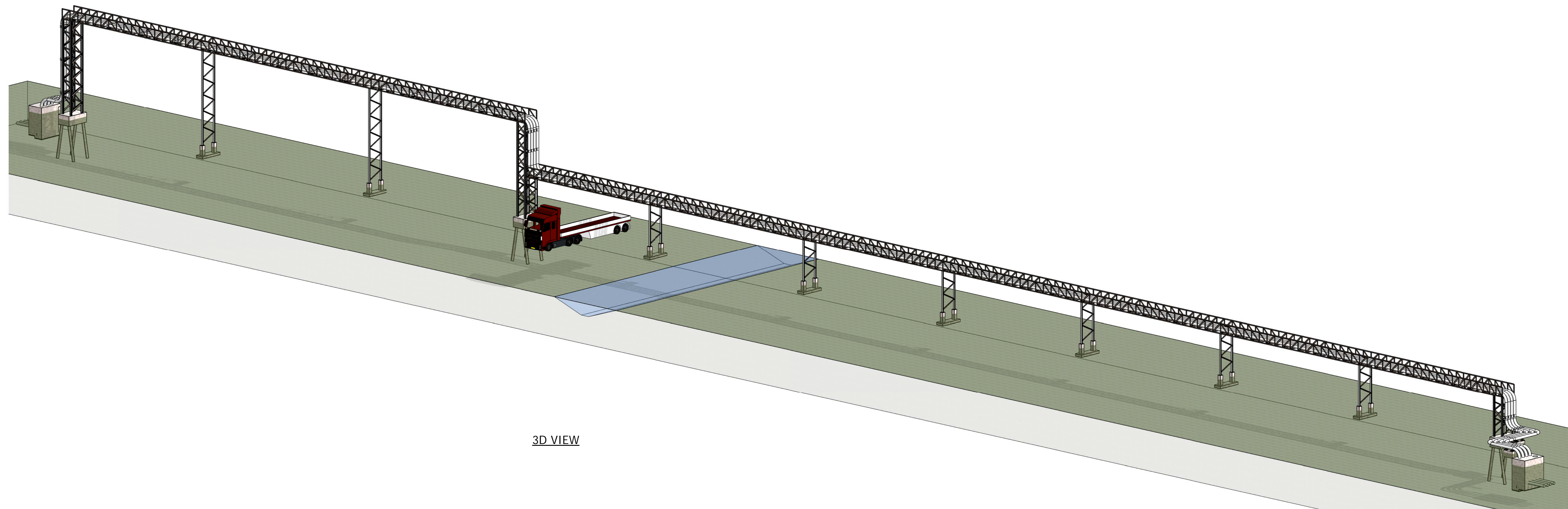
EAST ELEVATION
1 : 100



TYPICAL LONG SECTION
1 : 100



3D VIEW A



3D VIEW

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PROJECT

WILMAR EDIBLE OIL
PIPELINE

DRAWING DESCRIPTION

INDICATIVE DETAIL OF
ALTERNATIVE TYPICAL
STEEL BRIDGE ASSEMBLY

FOR INFORMATION ONLY

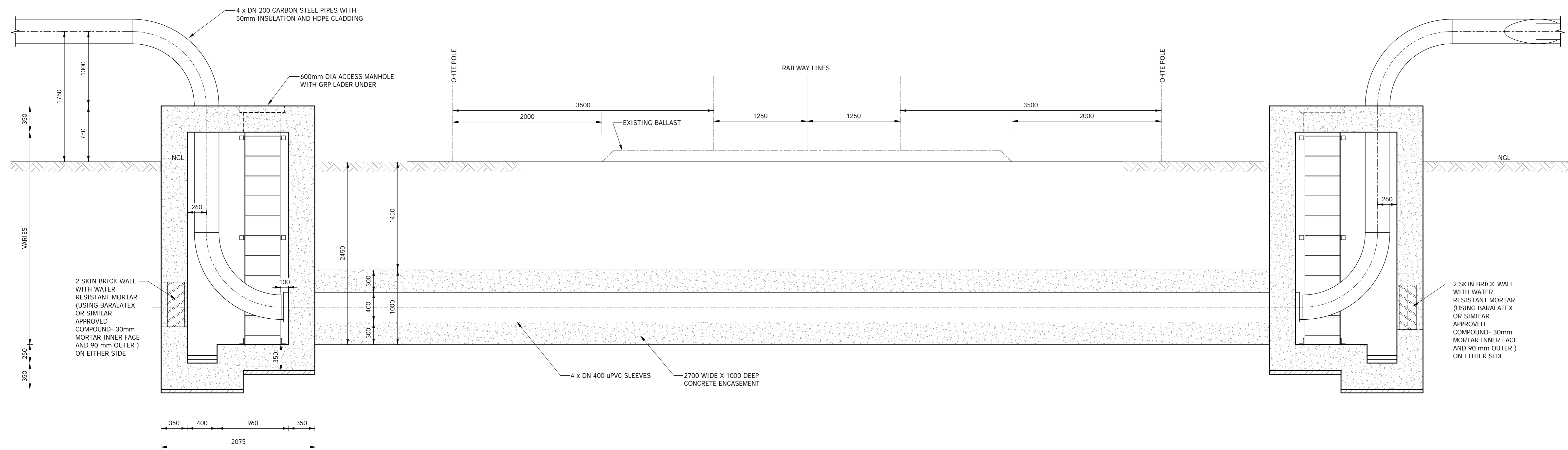
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DESIGN CHECKED: P.G. FISCHER	SIGNATURE AND DATE
PROJ. PRINCIPAL / APPROVED: P.G. FISCHER	SIGNATURE AND DATE

No.	DATE	REVISION DESCRIPTION	BY	TO
A	14/09/2018	FOR INFORMATION	B.M.	P.G.F.
B	24/02/2019	APPROVAL FOR PIPE ROUTE ALIGNMENT	B.M.	P.G.F.

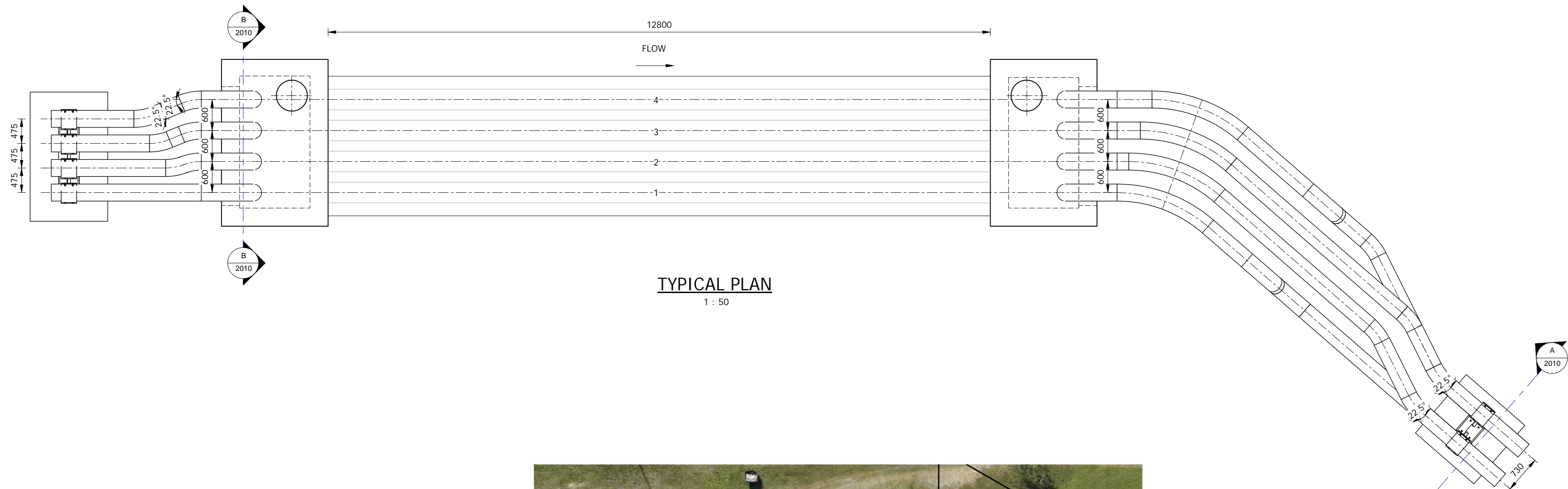
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SHEET No. SHEET 1 OF 1	DISCIPLINE CIVIL	SCALE As indicated
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DRAWING No. MD3665-RHD-FS-ST-M3-CX-2008	REV. B
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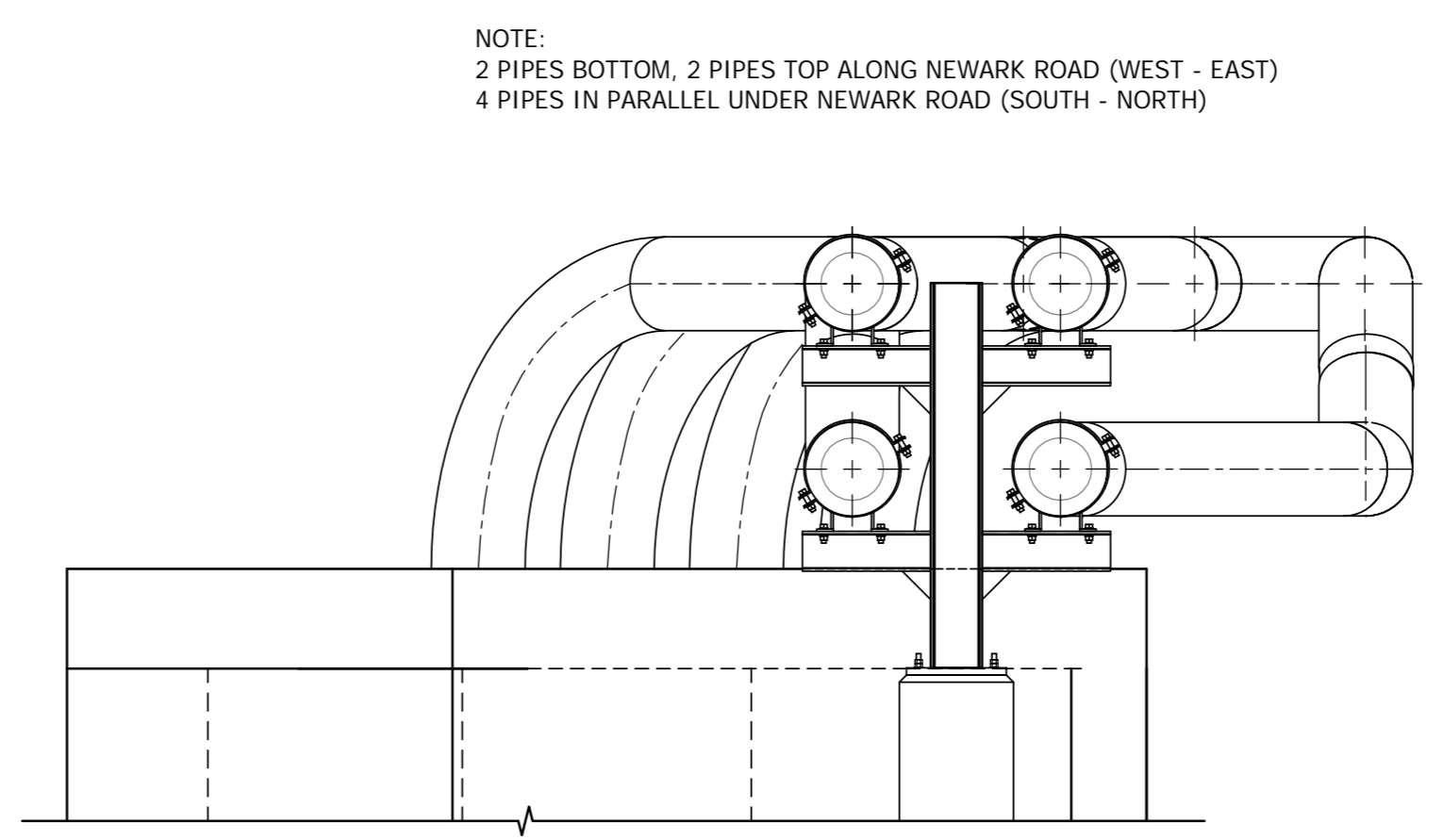
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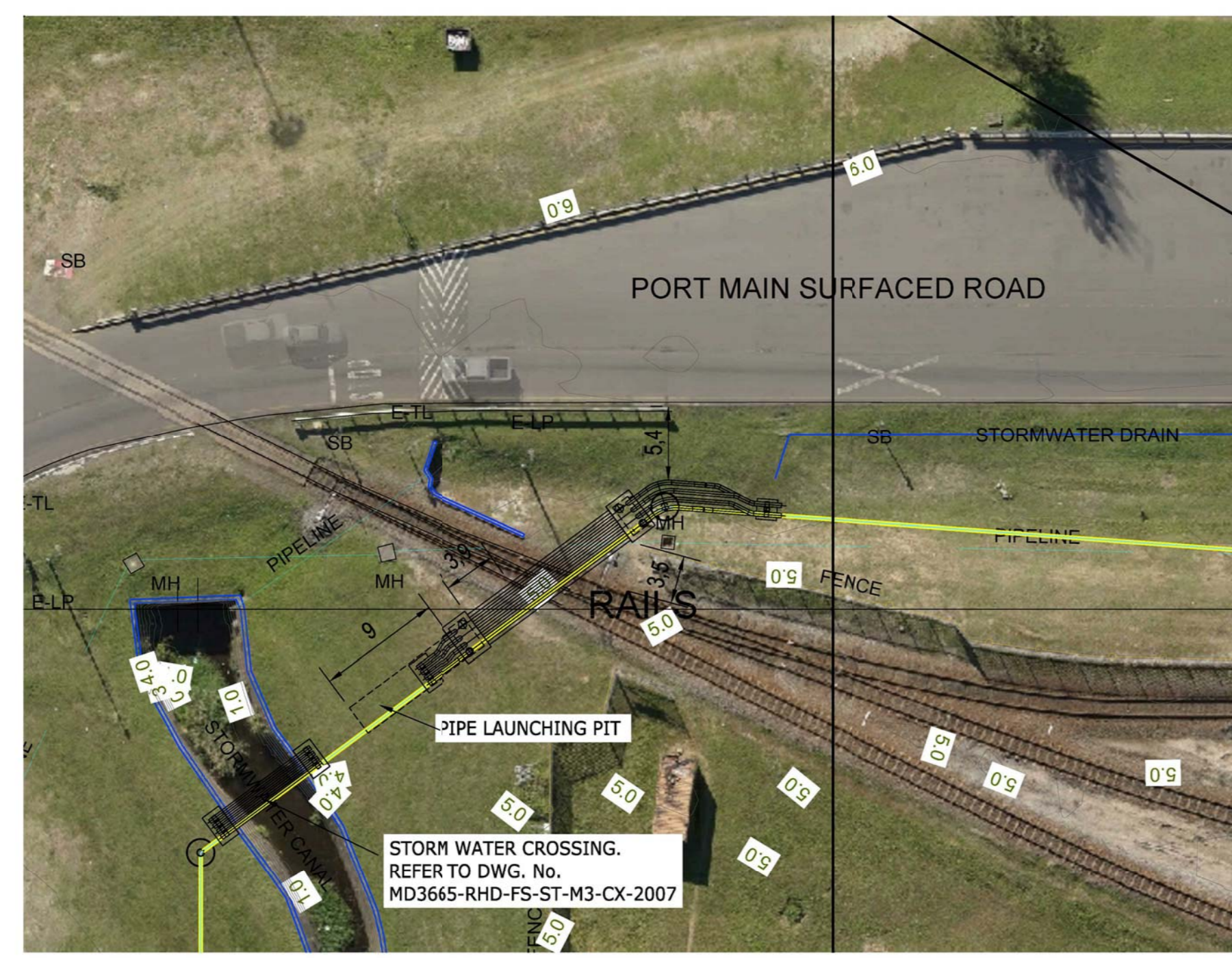
TYPICAL LONG SECTION
1 : 25



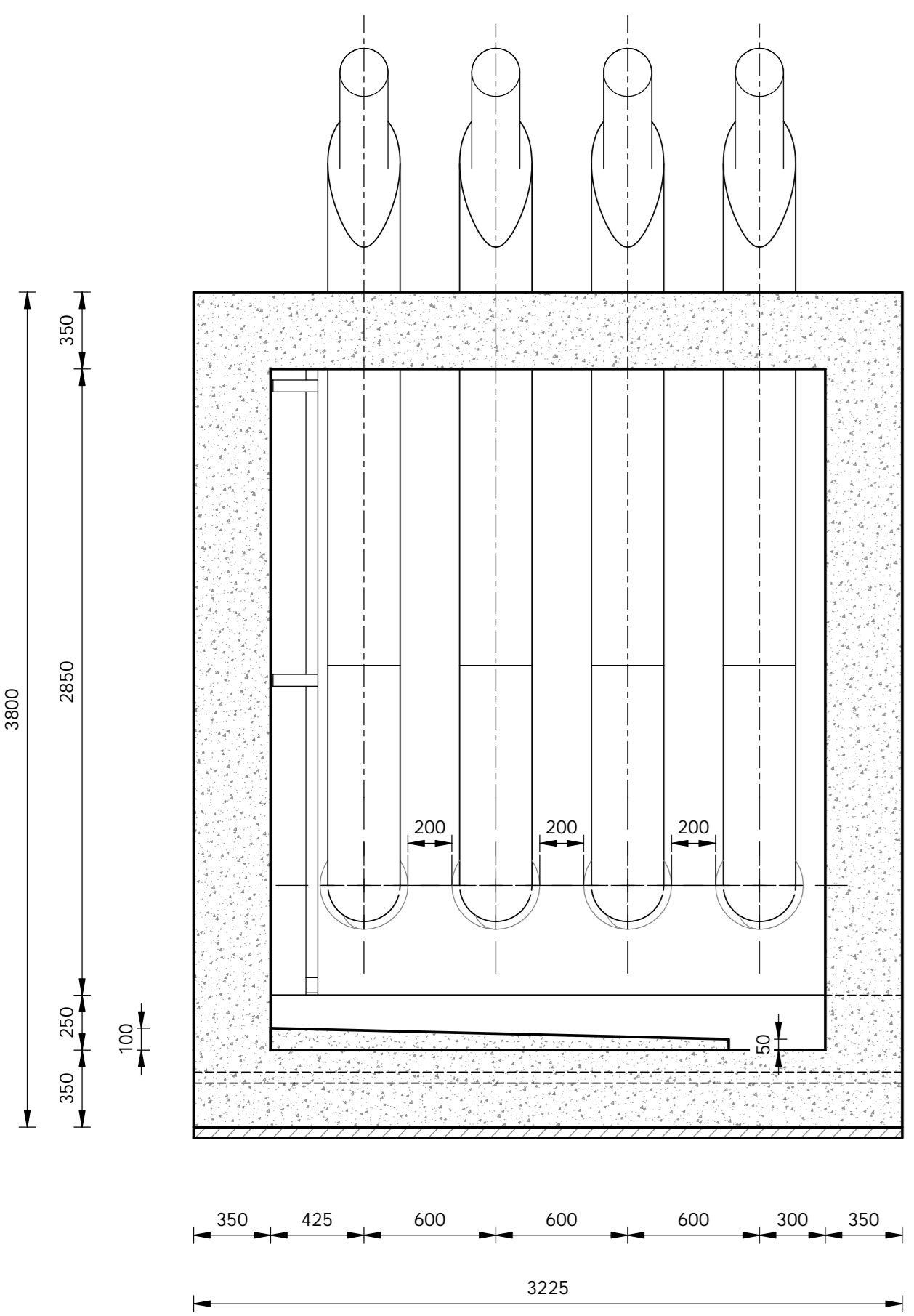
TYPICAL PLAN
1 : 50



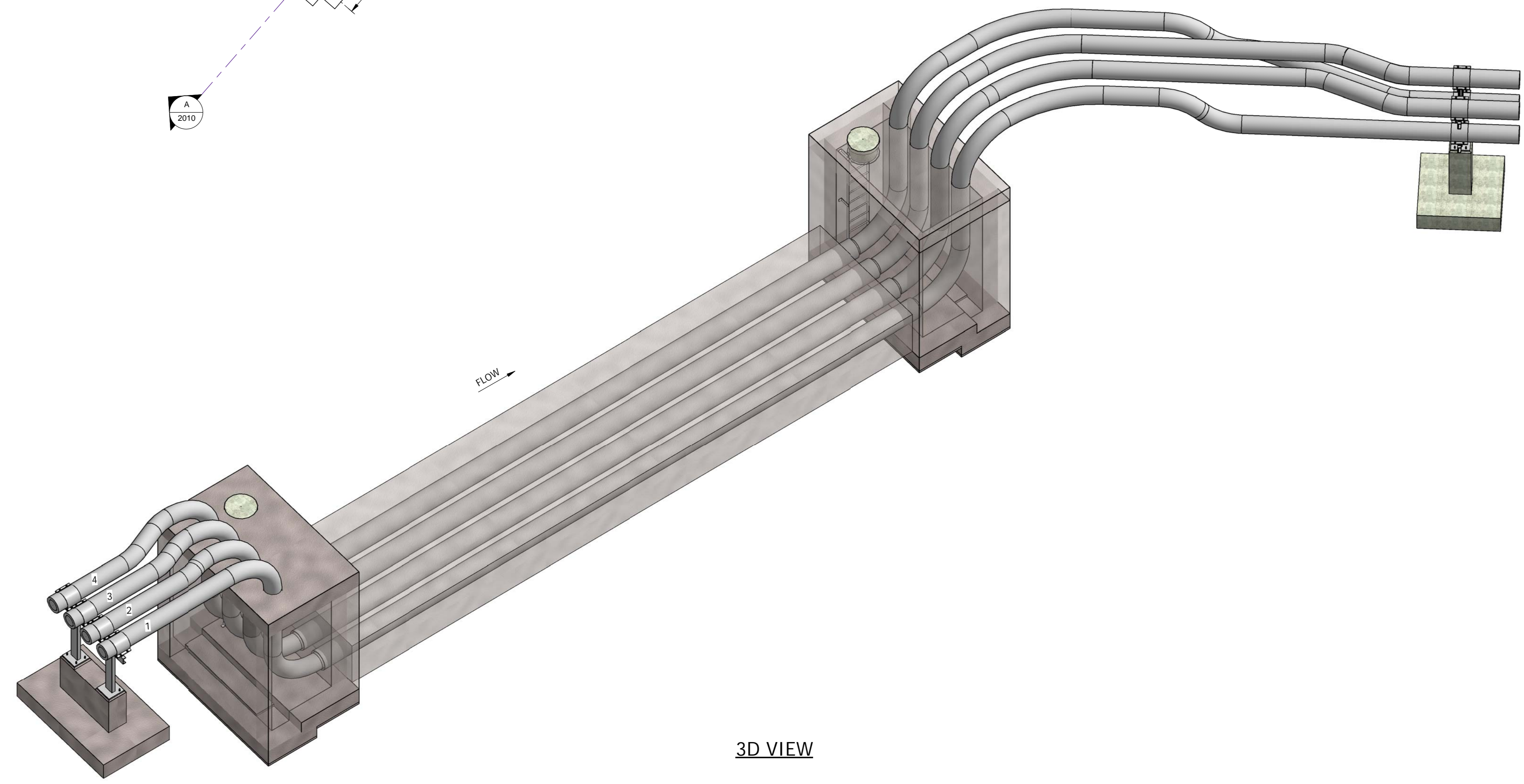
SECTION A - A
1 : 25



DIAGRAMMATIC PLAN ON AERIAL IMAGE
NTS



SECTION B - B
1 : 25



3D VIEW

NOTES

SLOPE OF SLEEVES
 2 mm TOLERANCE ON LEVELS EACH SIDE
 1 mm TOLERANCE ALONG LENGTH OF SLEEVE

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PROJECT
WILMAR EDIBLE OIL PIPELINE

DRAWING DESCRIPTION
TYPICAL DETAILS UNDER RAILWAY No.1

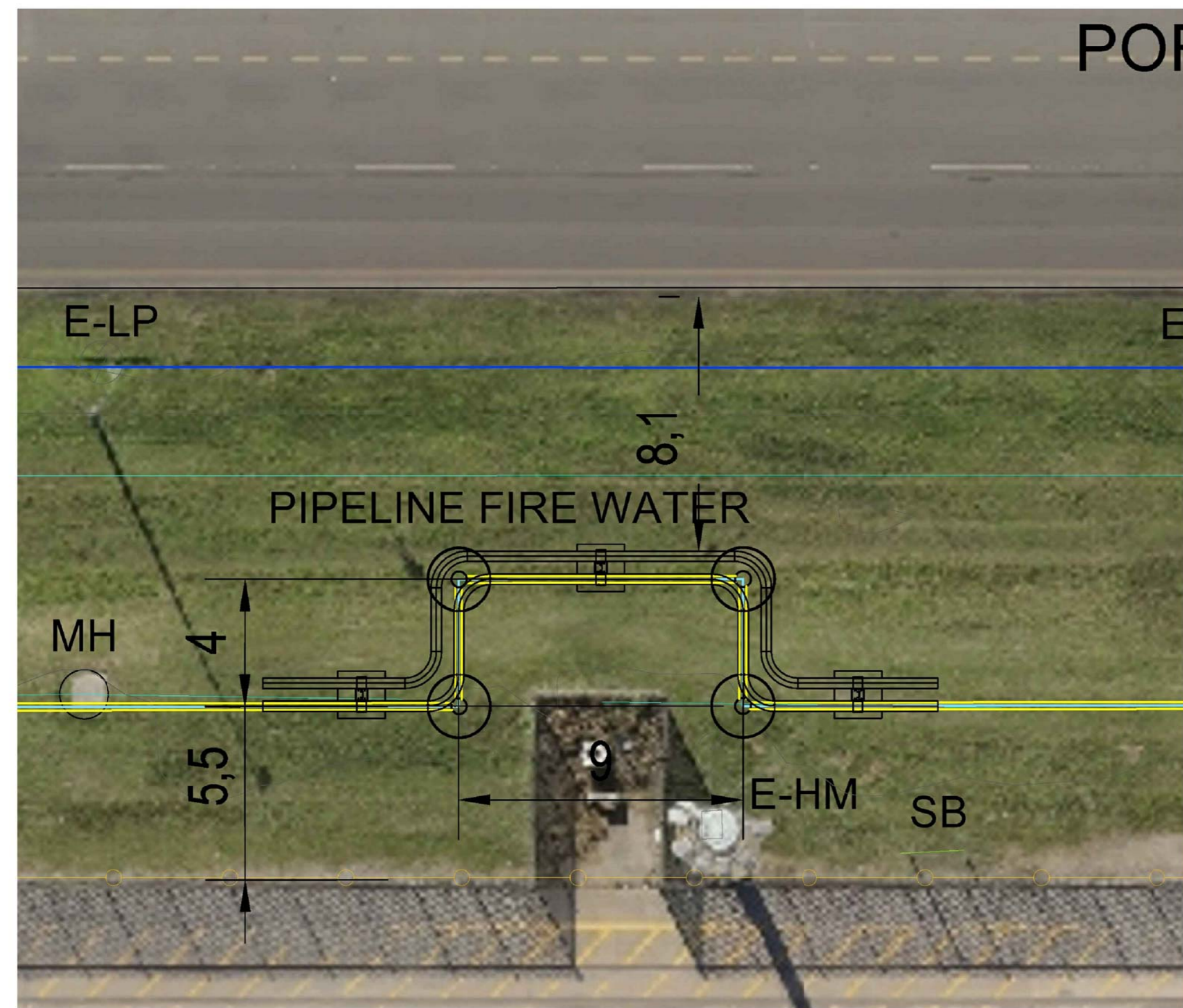
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PROJ. PRINCIPAL / APPROVED: P.G. FISCHER	SIGNATURE AND DATE

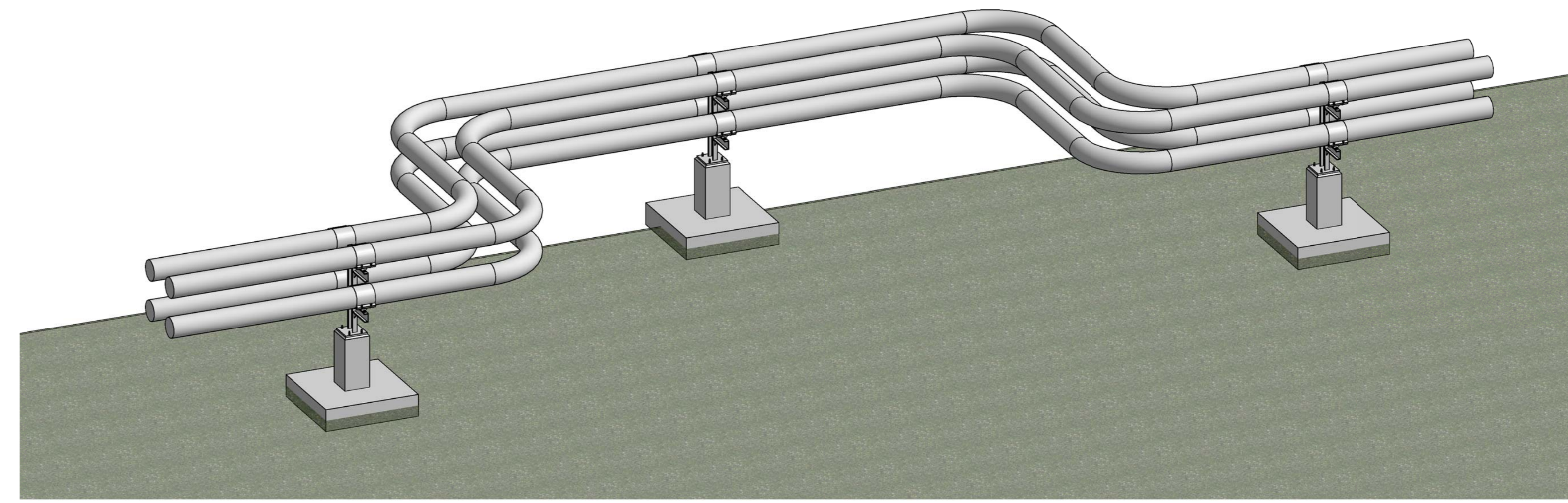
No.	DATE	REVISION DESCRIPTION	BY	TO
A	13/03/2019	APPROVAL FOR PIPE ROUTE ALIGNMENT	B.M.	P.G.F.
B	15/04/2019	APPROVAL FOR PIPE ROUTE ALIGNMENT	B.M.	P.G.F.

PROJECT No. MD3665	CONTRACT No.	DATE 2019/04/16 09:54:12 PM
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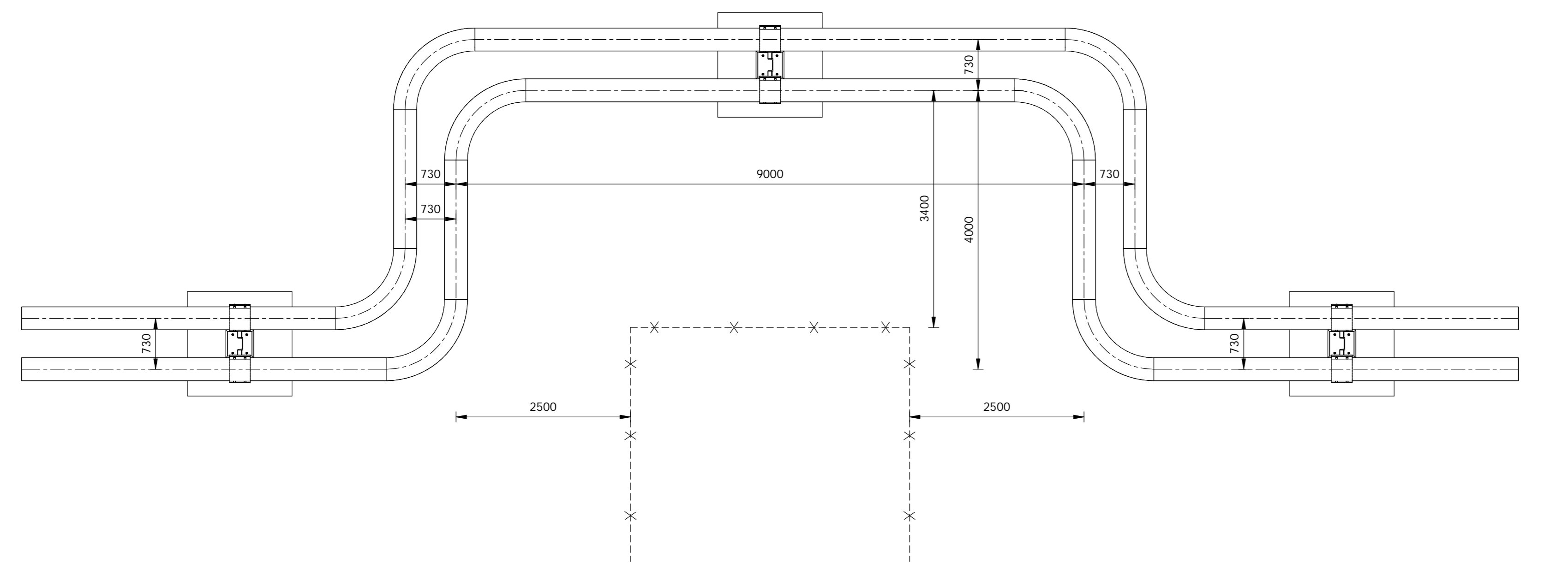
REV. **B**



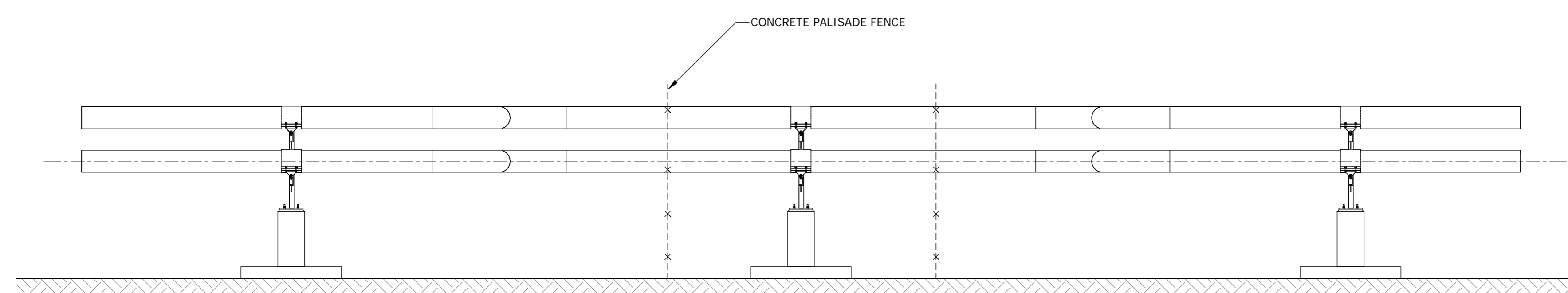
DIAGRAMMATIC PLAN ON AERIAL IMAGE
NTS



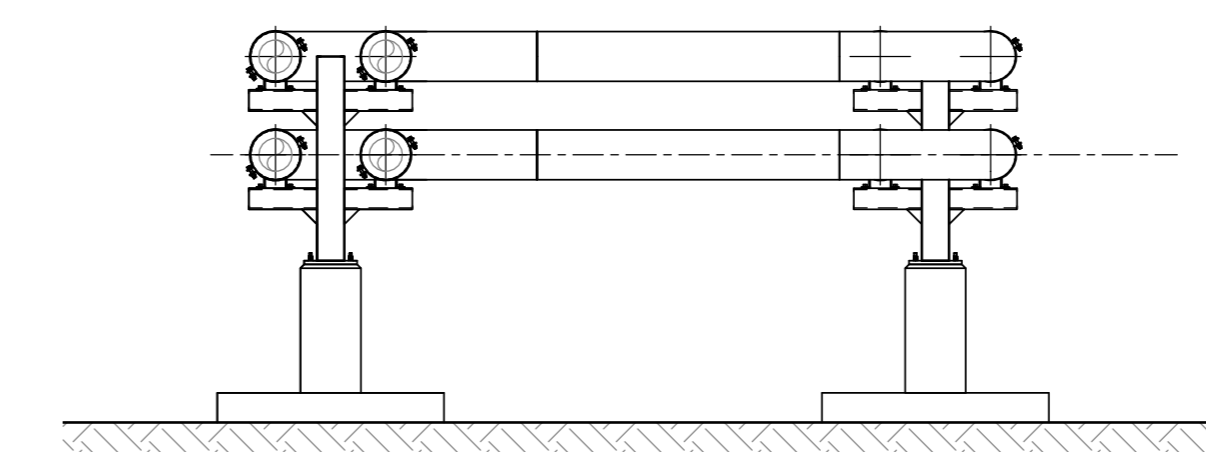
3D VIEW



TYPICAL PLAN
1 : 50



SOUTH ELEVATION
1 : 50



EAST ELEVATION
1 : 50

NOTES

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PROJECT

WILMAR EDIBLE OIL
PIPELINE

DRAWING DESCRIPTION

TYPICAL DETAILS OF
HORIZONTAL LOOP

FOR INFORMATION ONLY

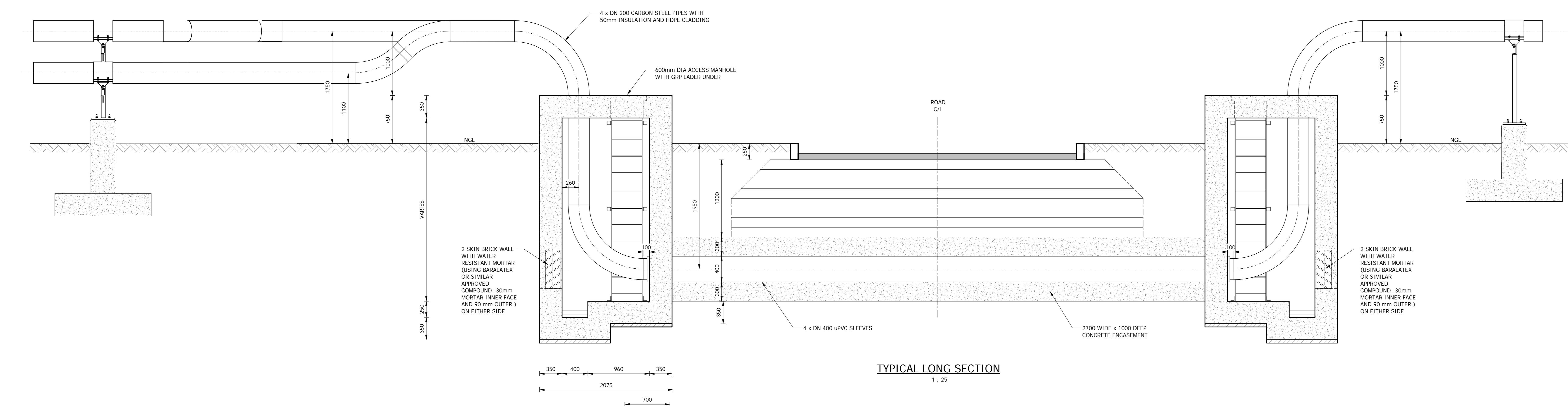
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No.	DATE	REVISION DESCRIPTION	BY	TO
A	16/02/2019	APPROVAL FOR PIPE ROUTE ALIGNMENT	B.M.	P.G.F.
B	18/04/2019	APPROVAL FOR PIPE ROUTE ALIGNMENT - NEWARK RD	B.M.	P.G.F.

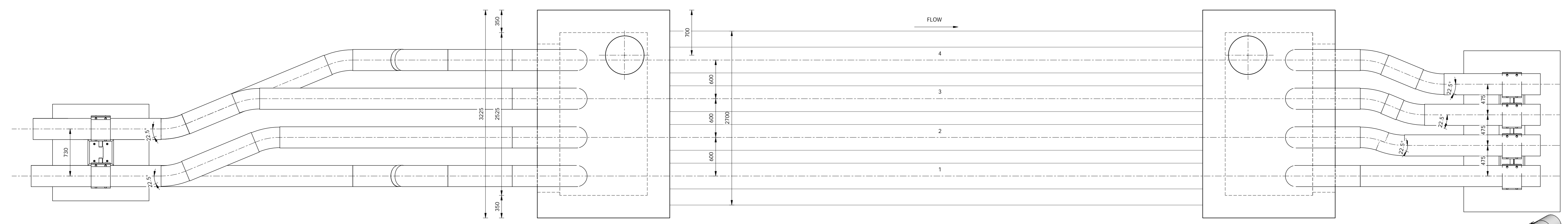
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SHEET No. SHEET 1 OF 1	DISCIPLINE CIVIL	SCALE 1 : 50
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DRAWING No. MD3665-RHD-FS-ST-M3-CX-2013	REV. B
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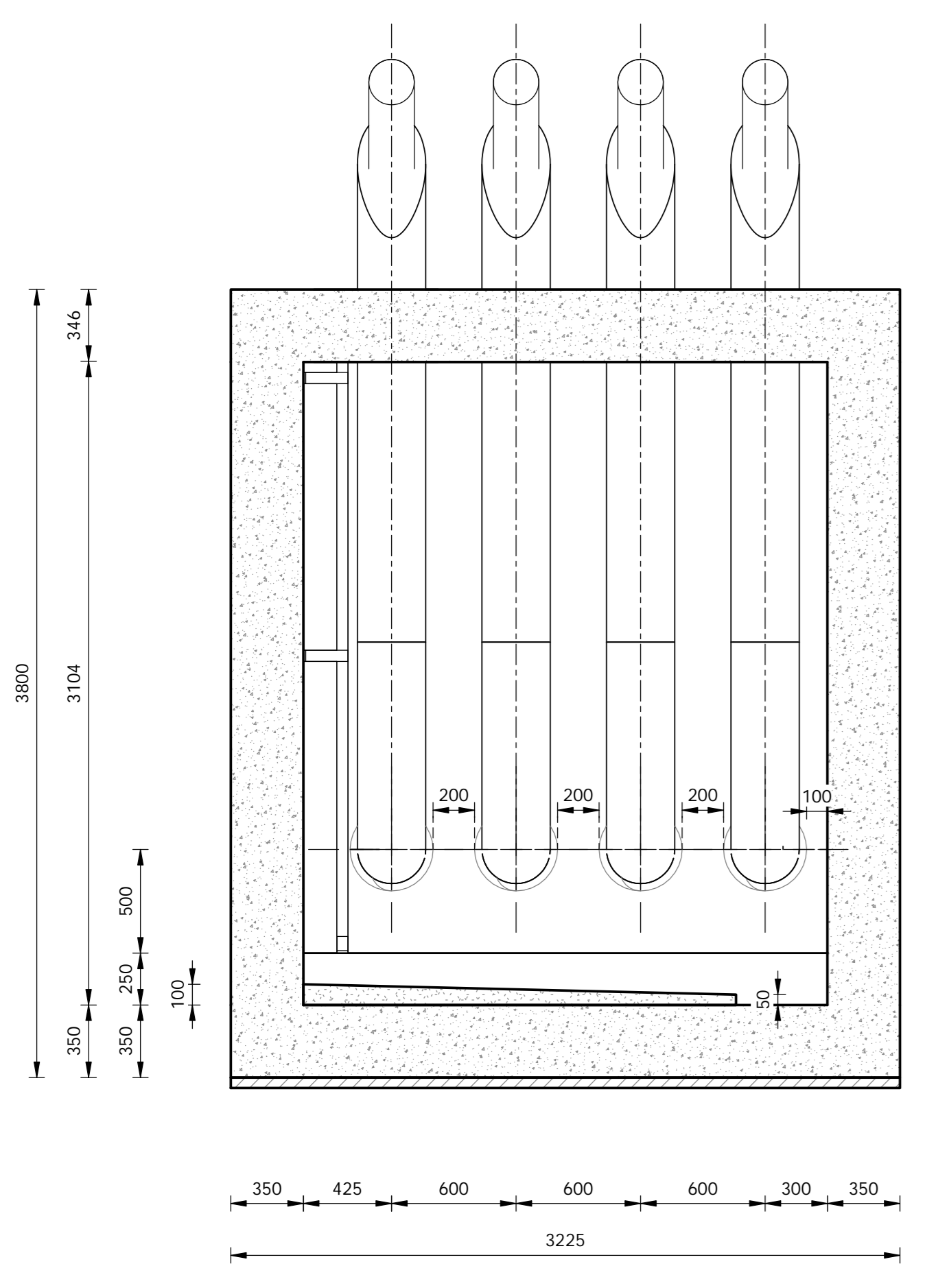
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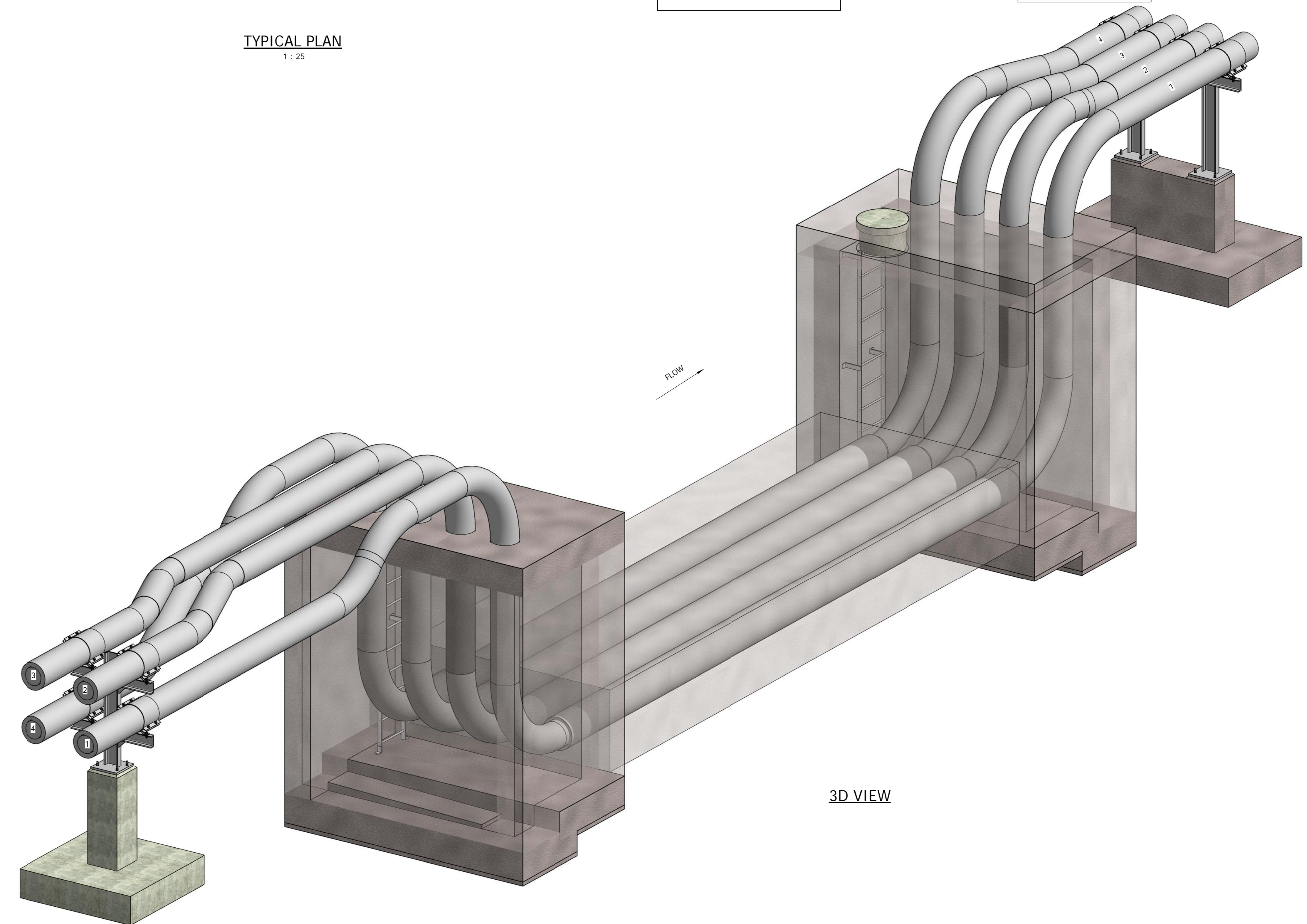
TYPICAL LONG SECTION
1 : 25



TYPICAL PLAN
1 : 25



TYPICAL CROSS SECTION
1 : 25



3D VIEW

NOTES
SLOPE OF SLEEVES
2 mm TOLERANCE ON LEVELS EACH SIDE
1 mm TOLERANCE ALONG LENGTH OF SLEEVE

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PROJECT
WILMAR EDIBLE OIL PIPELINE

DRAWING DESCRIPTION
TYPICAL DETAILS UNDER SOUTH FERRO SLAB ACCESS ROAD

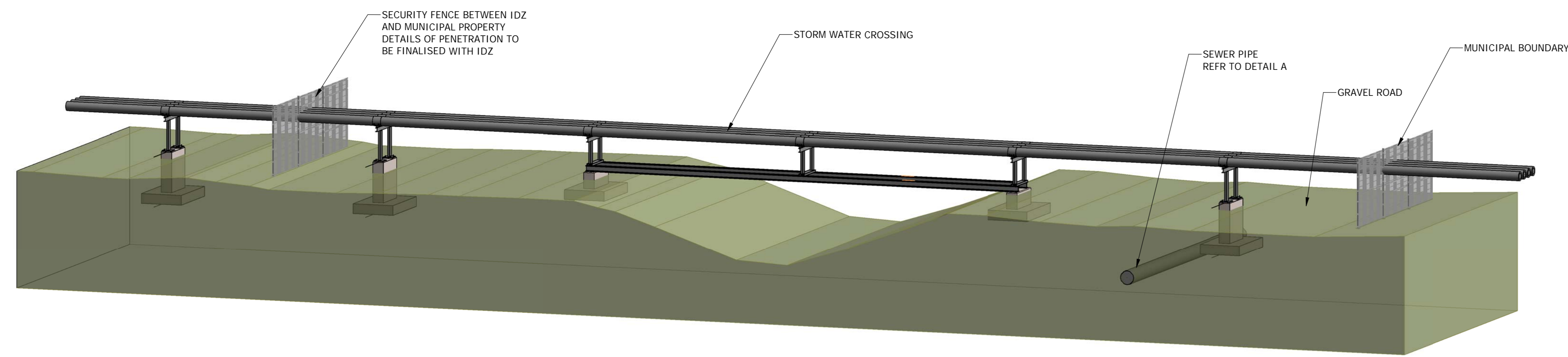
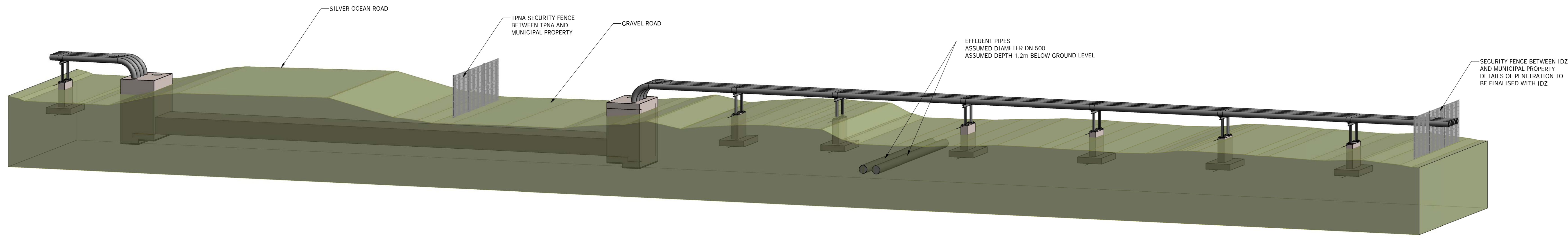
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PROJ. PRINCIPAL / APPROVED: P.G. FISCHER	SIGNATURE AND DATE

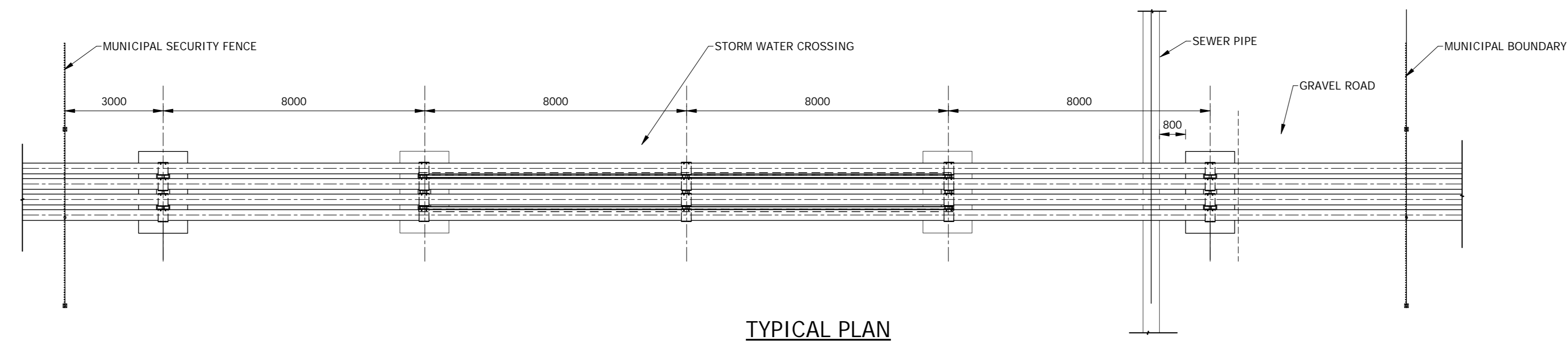
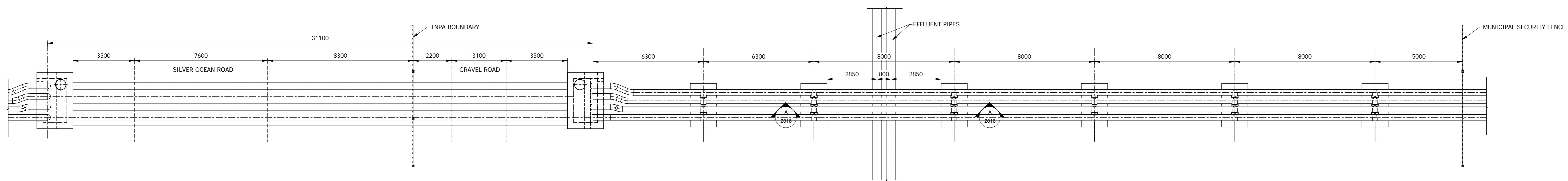
No.	DATE	REVISION DESCRIPTION	BY	TO
A	28/02/2019	APPROVAL FOR PIPE ROUTE ALIGNMENT	B.M.	P.G.F.

PROJECT No. MD3665	CONTRACT No.	DATE 2019/03/15 08:01:15 PM
SHEET No. SHEET 1 OF 1	DISCIPLINE CIVIL	SCALE 1 : 25
DRAWING No. MD3665-RHD-FS-ST-M3-CX-2014		PAPER SIZE A0

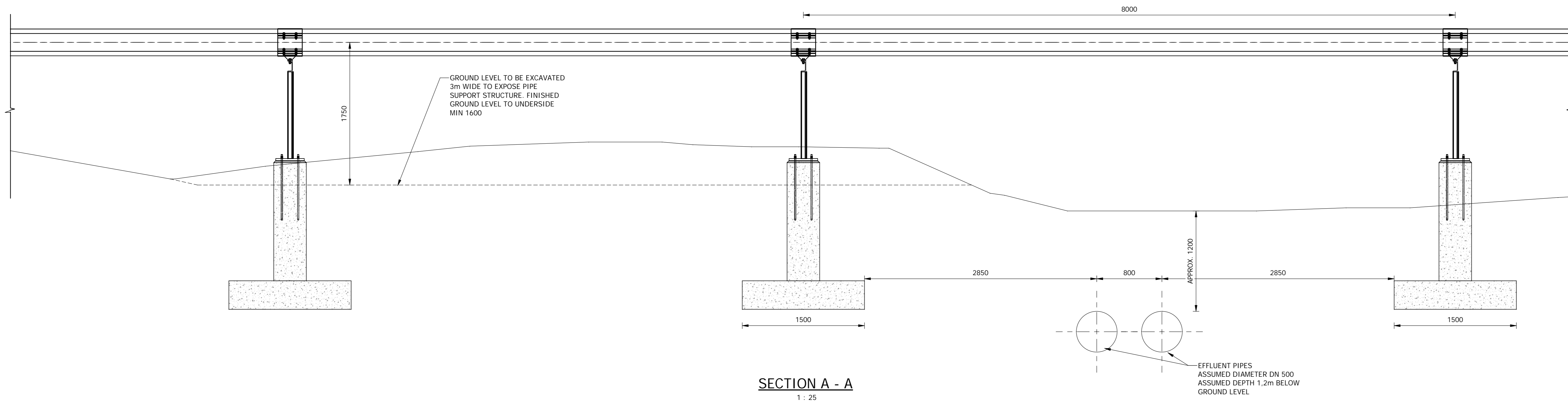
REV. **A**



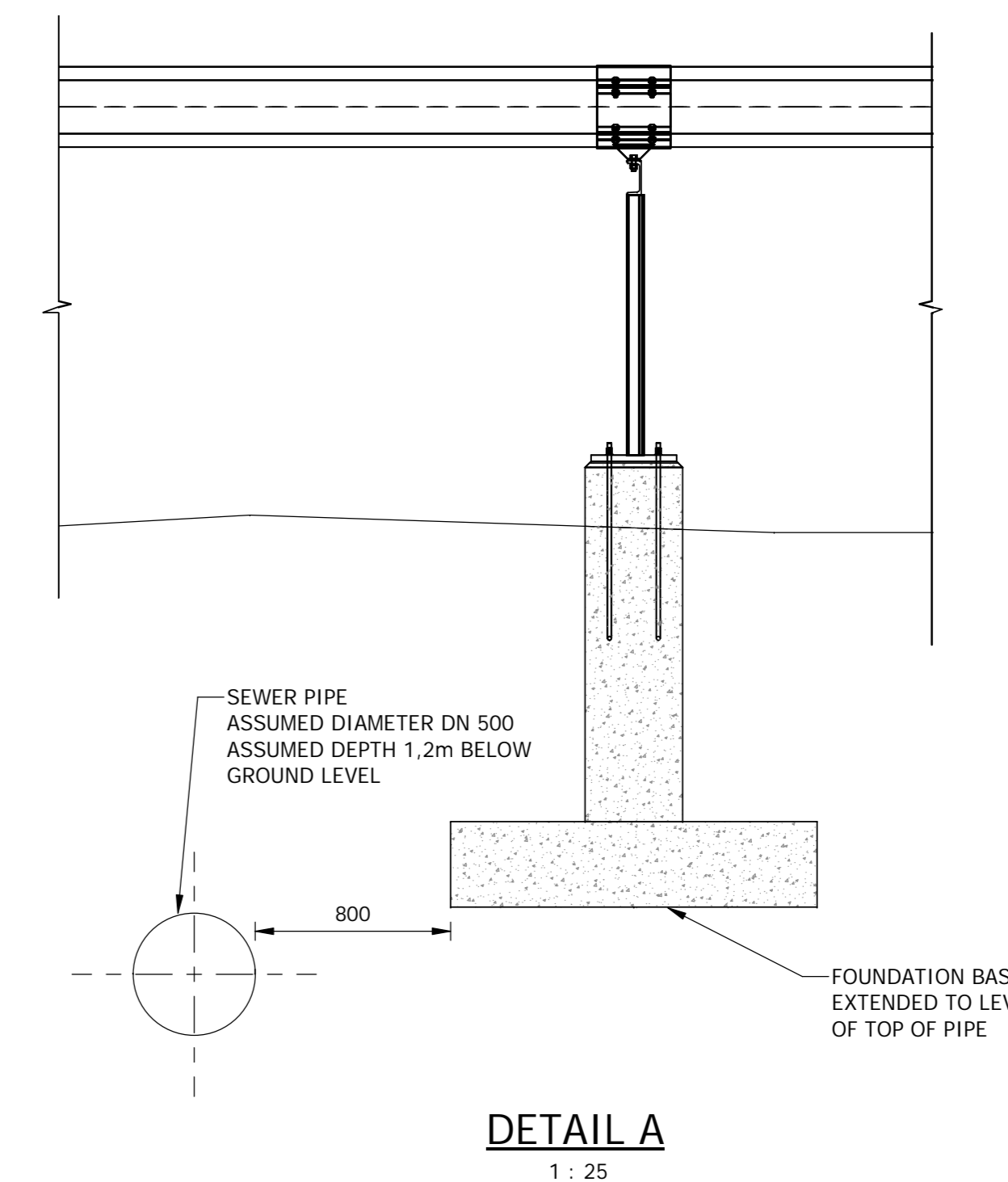
3D VIEW



TYPICAL PLAN
1: 100



SECTION A - A
1: 25



DETAIL A
1: 25

NOTES

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PROJECT

**WILMAR EDIBLE OIL
PIPELINE**

DRAWING DESCRIPTION

**CROSSING OVER EFFLUENT
PIPES**

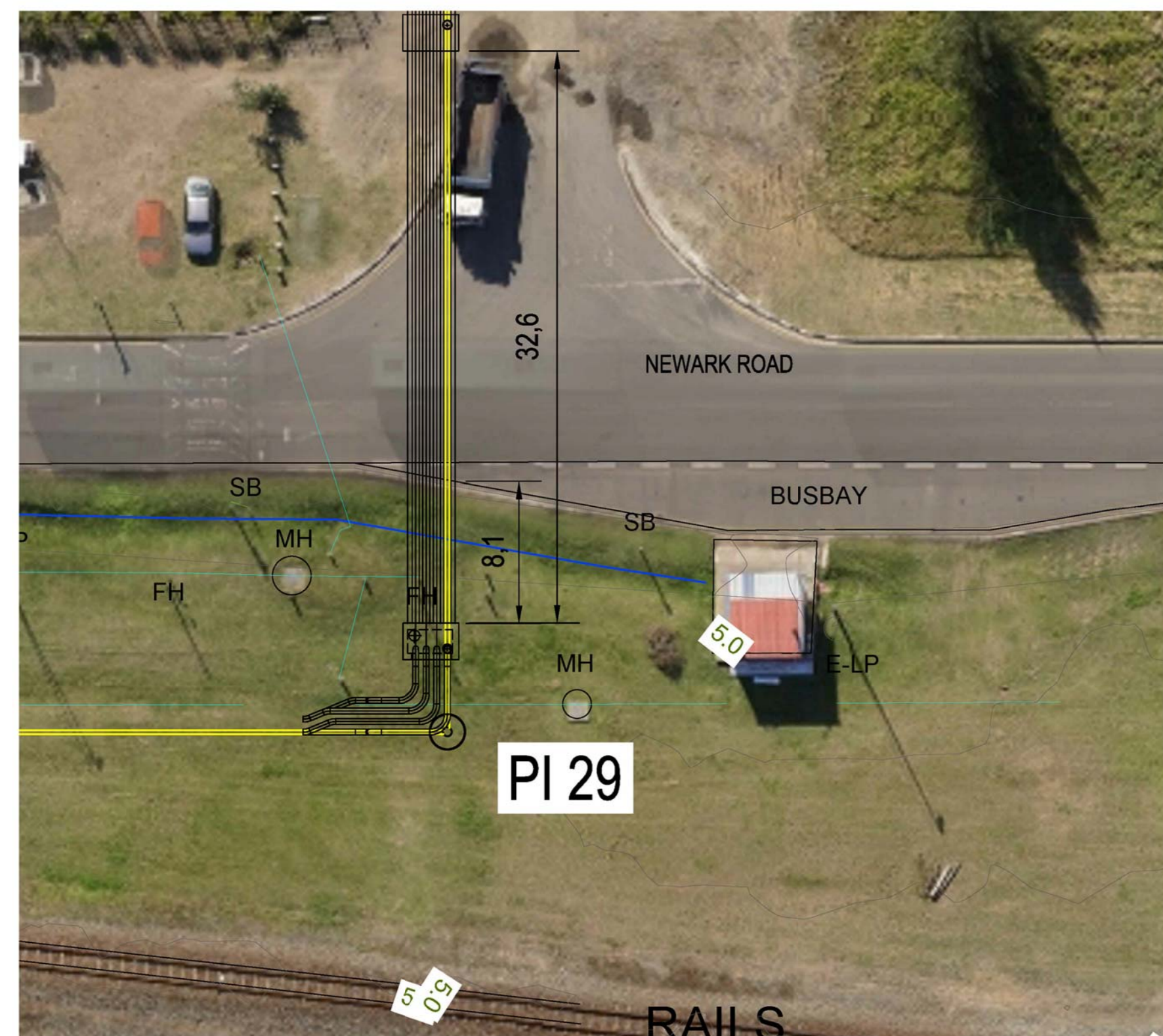
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DRAWN B. MANS	SIGNATURE AND DATE
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DESIGN CHECKED P.G. FISCHER	SIGNATURE AND DATE
PROJ. PRINCIPAL / APPROVED P.G. FISCHER	SIGNATURE AND DATE

No.	DATE	REVISION DESCRIPTION	BY	TO
A	03/04/2019	FOR INFORMATION	B.M.	P.G.F.

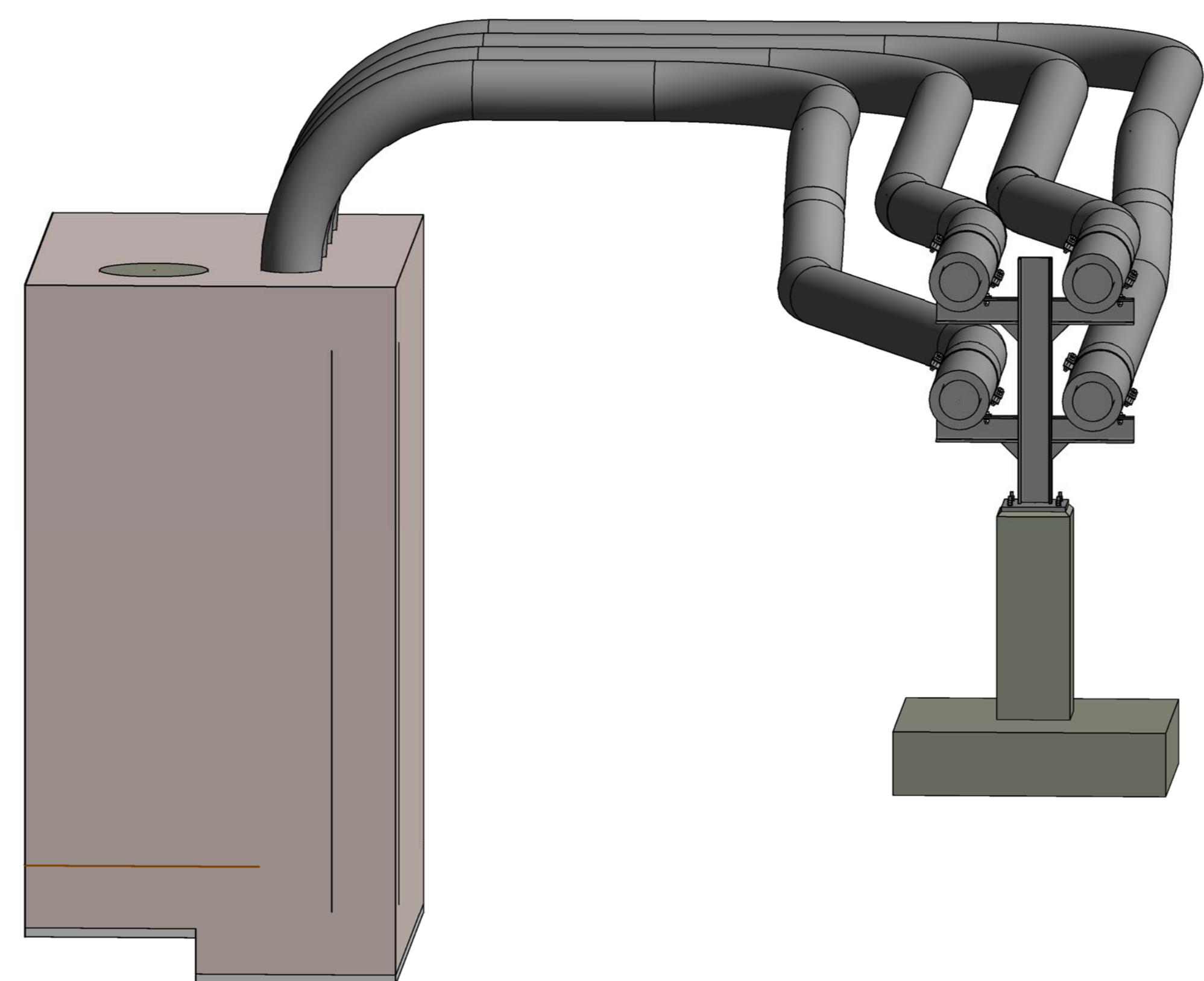
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SHEET No. SHEET 1 OF 1	DISCIPLINE CIVIL	SCALE As indicated
		PAPER SIZE A0

DRAWING No. MD3665-RHD-FS-ST-M3-CX-2016	REV. A
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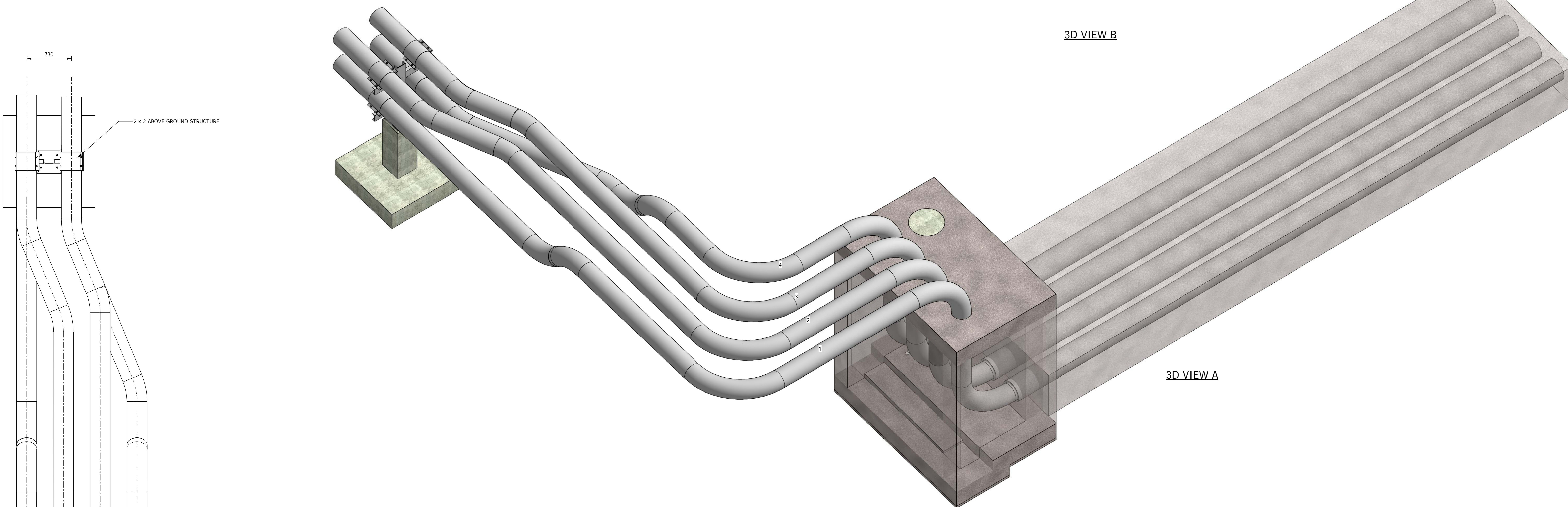


DIAGRAMMATIC PLAN ON AERIAL IMAGE

NTS

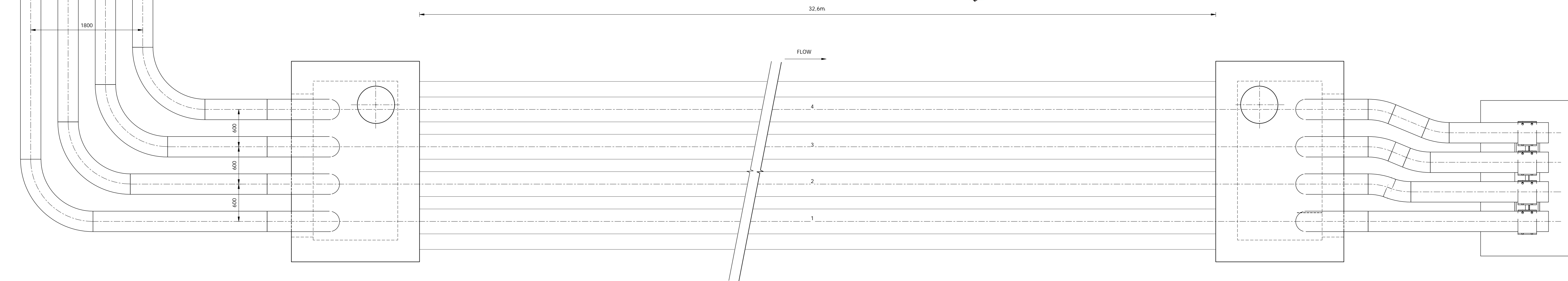


NOTE:
2 PIPES BOTTOM, 2 PIPES TOP ALONG
NEWARK ROAD (WEST - EAST)
4 PIPES IN PARALLEL UNDER NEWARK
ROAD (SOUTH - NORTH)



3D VIEW B

3D VIEW A



TYPICAL PLAN
1 : 25

NOTES

SLOPE OF SLEEVES
2 mm TOLERANCE ON LEVELS EACH SIDE
1 mm TOLERANCE ALONG LENGTH OF SLEEVE

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PROJECT

WILMAR EDIBLE OIL
PIPELINE

DRAWING DESCRIPTION

TYPICAL DETAILS AT
NEWARK ROAD

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DESIGN CHECKED: P.G. FISCHER	SIGNATURE AND DATE
PROJ. PRINCIPAL / APPROVED: P.G. FISCHER	SIGNATURE AND DATE

No.	DATE	REVISION DESCRIPTION	BY	TO
A	13/03/2017	APPROVAL FOR PIPE ROUTE ALIGNMENT	B.M.	P.G.F.
B	15/04/2017	APPROVAL FOR PIPE ROUTE ALIGNMENT	B.M.	P.G.F.

PROJECT No. MD3665	CONTRACT No.	DATE 2016/04/18 12:49:14 PM
SHEET No. SHEET 1 OF 1	DISCIPLINE CIVIL	SCALE 1 : 25
		PAPER SIZE A0

DRAWING No. MD3665-RHD-FS-ST-M3-CX-2017	REV. B
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