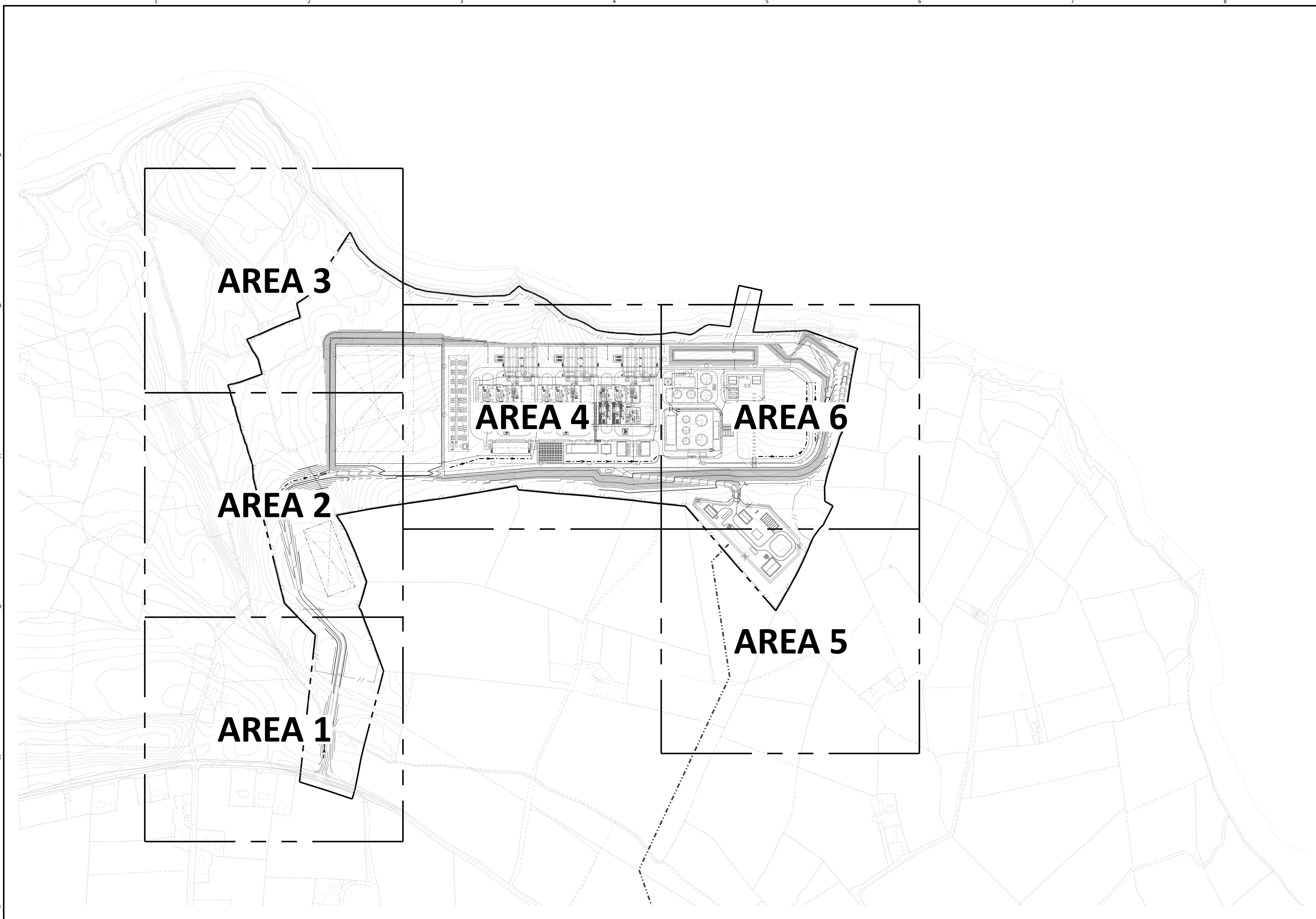


1. GRADE SHALL SLOPE UNIFORMLY BETWEEN FINISH SPOT ELEVATIONS AND CONTOURS SHOWN ON THE PLANS.
2. ALL DIMENSIONS PROVIDED ARE IN METERS UNLESS NOTED OTHERWISE. PIPE SIZES ARE PROVIDED IN MILLIMETERS.
3. EXISTING TOPOGRAPHY AND PROPERTY BOUNDARIES WERE PROVIDED TO BLACK & VEATCH FROM NFE.
4. ALL STORMWATER PIPING SHALL BE CORRUGATED HDPE OR APPROVED EQUAL.
5. ALL DRAINS WILL BE DESIGNED TO ACHIEVE A SELF-CLEANING VELOCITY OF 1.0 M/S.
6. ALL MANHOLES AND CATCH BASINS SHALL BE DESIGNED FOR TRUCK TRAFFIC.

	PROJECT (REDLINE) BOUNDARY
	SECURITY FENCE
	2.9 M HIGH CHAIN LINK SECURITY FENCE WITH BARBED WIRE
	4.0 M HIGH PALISADE AND ELECTRIC WIRE FENCE
	NEW CONTOUR
	EXISTING CONTOUR
	GRADE SURFACE FLOW INDICATOR
	NEW CULVERT
	PROPOSED STORMWATER PIPE AND CATCH BASIN
	HYDRANT
	FIRE WATER PIPING
	POTABLE WATER PIPING
	SANITARY PIPING
	PETROLEUM INTERCEPTOR
	PROPOSED SWALE
	ELEVATED FIREWATER MONITOR
	OILY DRAINAGE LINE
	FLOOR/DRAIN SUMP

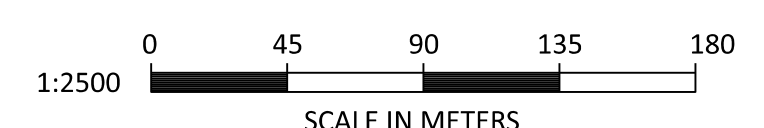
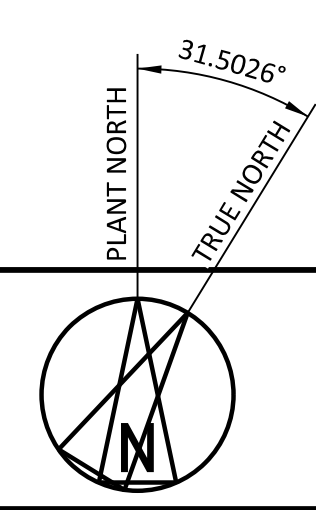


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1	18/JUN/2021	ISSUED FOR PLANNING	TAH	JDA	DAC		
0	30/APR/2021	ISSUED FOR PLANNING	BJR	JDA	DAC		



BLACK & VEATCH CORP HEADQUARTERS:
 11401 LAMAR AVENUE, OVERLAND PARK,
 KANSAS, USA

BLACK & VEATCH	
DESIGNER: JDA	DRAWN: BJR
CHECKED:	DATE:






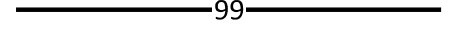










SHANNON LNG LIMITED SHANNON TECHNOLOGY AND ENERGY PARK (STEP) KEY PLAN, GENERAL NOTES AND LEGEND		PROJECT: 198291-1STF-S3000 DRAWING NUMBER: 198291-1STF-S3000 CODE: AREA:	REV: 3
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MATCHLINE - FOR CONTINUATION SEE S3002

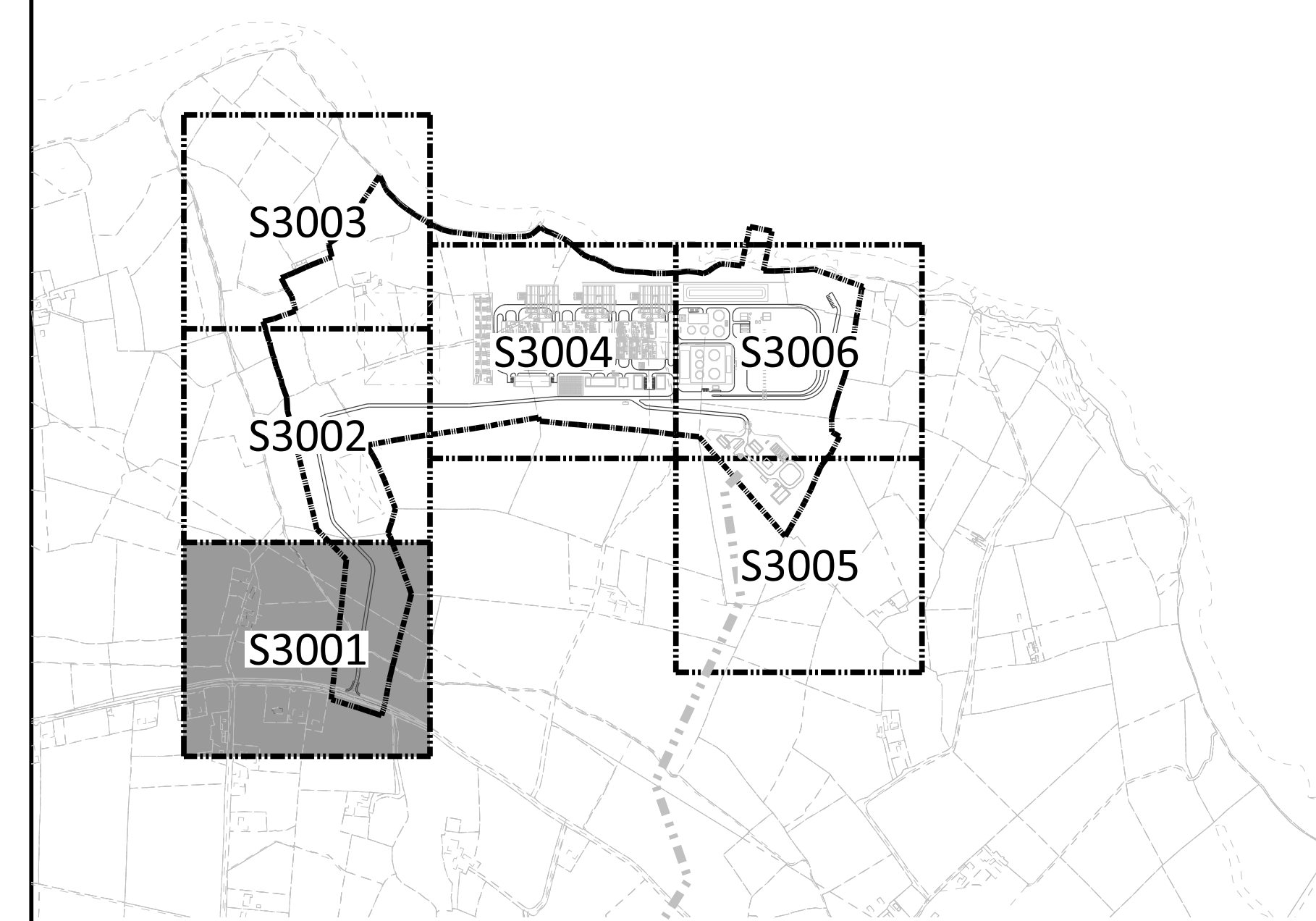
NOTES

1. FOR GENERAL NOTES SEE DRAWING 1STF-S3000.

LEGEND

-  PROJECT (REDLINE) BOUNDARY
-  SECURITY FENCE
-  2.9 M HIGH CHAIN LINK SECURITY FENCE WITH BARBED WIRE
-  4.0 M HIGH PALISADE AND ELECTRIC WIRE FENCE
-  NEW CONTOUR
-  EXISTING CONTOUR
-  GRADE SURFACE FLOW INDICATOR
-  NEW CULVERT
-  PROPOSED STORMWATER PIPE AND CATCH BASIN
-  HYDRANT
-  FIRE WATER PIPING
-  POTABLE WATER PIPING
-  SANITARY PIPING
-  PETROLEUM INTERCEPTOR
-  PROPOSED SWALE
-  ELEVATED FIREWATER MONITOR

KEY PLAN

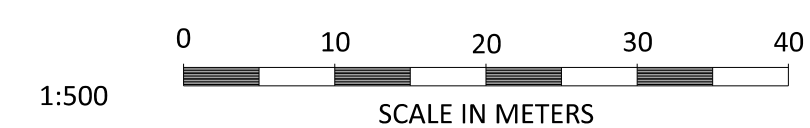
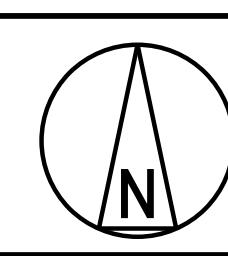


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1	18/JUN/2021	ISSUED FOR PLANNING	TAH	JDA		DAC	
0	30/APR/2021	ISSUED FOR PLANNING	BJR	JDA		DAC	



BLACK & VEATCH CORP HEADQUARTERS:
11401 LAMAR AVENUE, OVERLAND PARK,
KANSAS, USA

BLACK & VEATCH

DESIGNER	JDA	DRAWN	BJR
CHECKED		DATE	

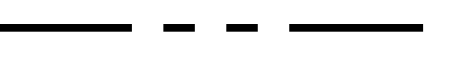
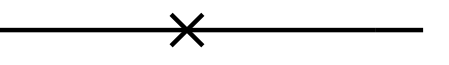

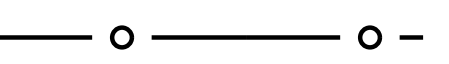
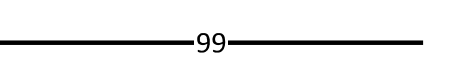

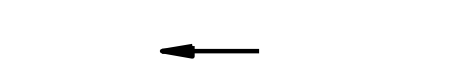









SHANNON LNG LIMITED SHANNON TECHNOLOGY AND ENERGY PARK (STEP) GRADING AND DRAINAGE - SITE PLAN - AREA 1		PROJECT 198291-1STF-S3001	DRAWING NUMBER 198291-1STF-S3001	REV 2
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MATCHLINE - FOR CONTINUATION SEE S3003

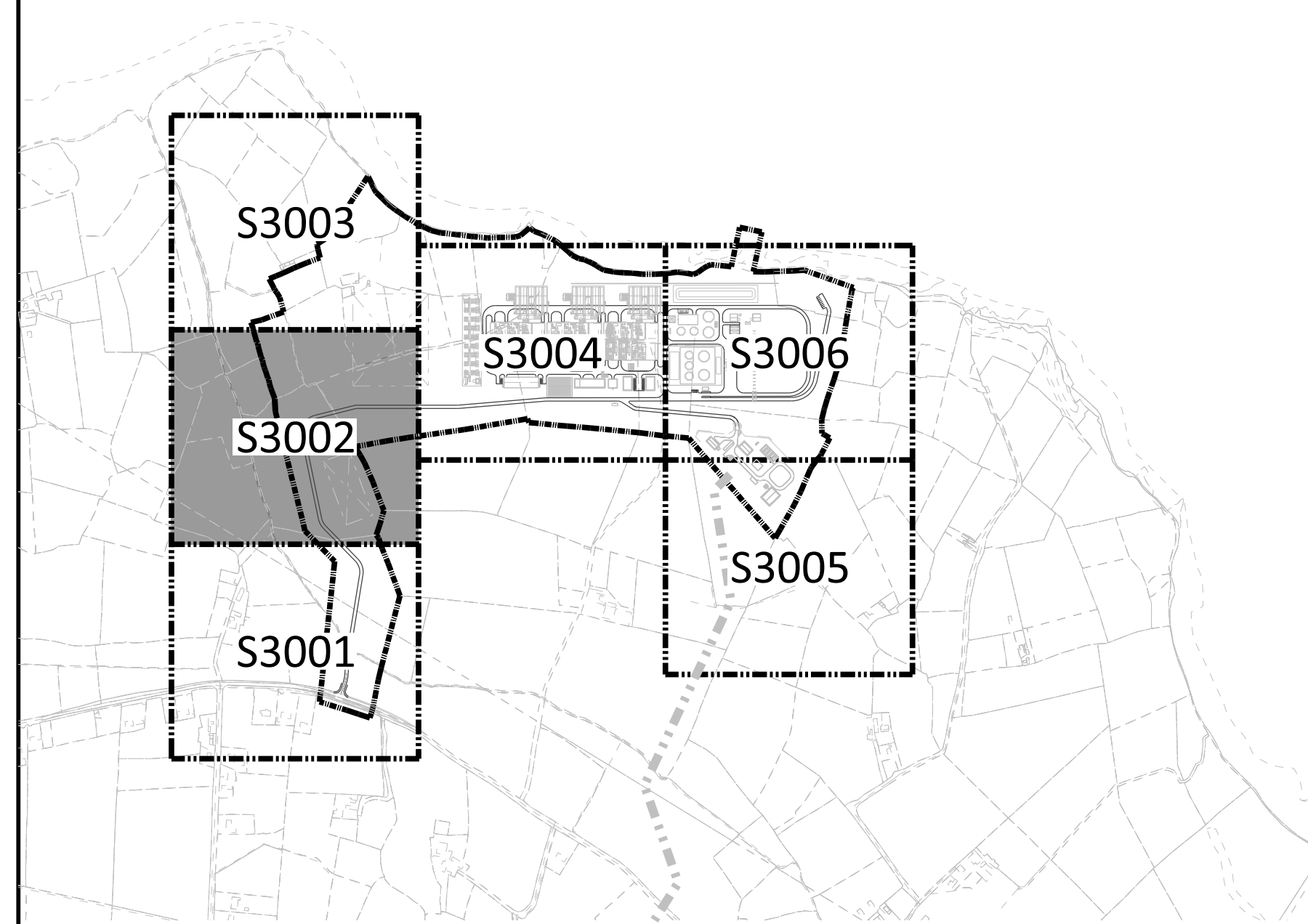
NOTES

1. FOR GENERAL NOTES SEE DRAWING 1STF-S3000.

LEGEND

-  PROJECT (REDLINE) BOUNDARY
-  SECURITY FENCE
-  2.9 M HIGH CHAIN LINK SECURITY FENCE WITH BARBED WIRE
-  4.0 M HIGH PALISADE AND ELECTRIC WIRE FENCE
-  NEW CONTOUR
-  EXISTING CONTOUR
-  GRADE SURFACE FLOW INDICATOR
-  NEW CULVERT
-  PROPOSED STORMWATER PIPE AND CATCH BASIN
-  HYDRANT
-  FIRE WATER PIPING
-  POTABLE WATER PIPING
-  SANITARY PIPING
-  PETROLEUM INTERCEPTOR
-  PROPOSED SWALE
-  ELEVATED FIREWATER MONITOR

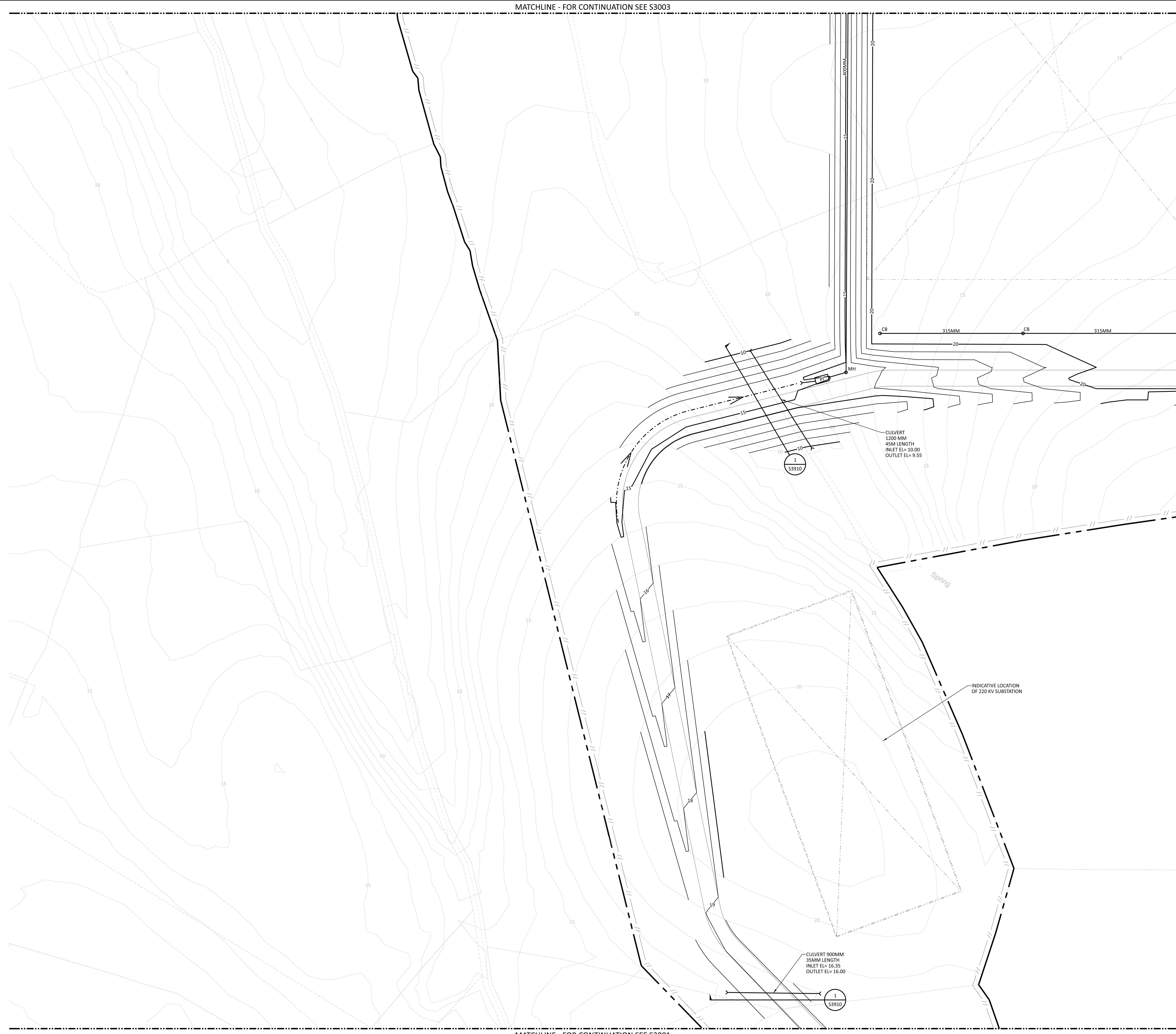
KEY PLAN



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SHANNON LNG LIMITED SHANNON TECHNOLOGY AND ENERGY PARK (STEP) GRADING AND DRAINAGE - SITE PLAN - AREA 2		PROJECT 198291-1STF-S3002	DRAWING NUMBER 2
DESIGNER	JDA	DRAWN	BJR
CHECKED		DATE	
AREA			

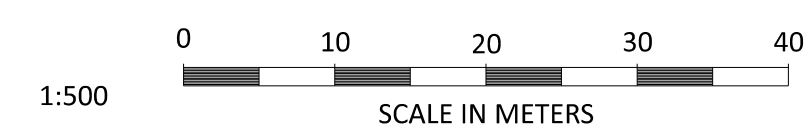
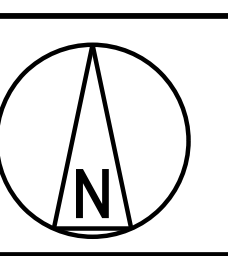


MATCHLINE - FOR CONTINUATION SEE S3001

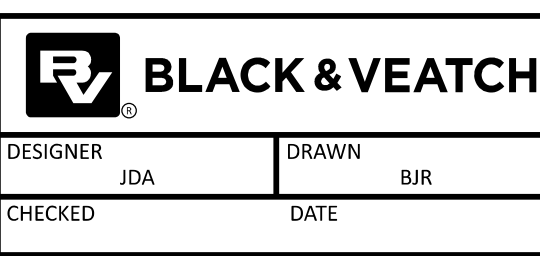
MATCHLINE - FOR CONTINUATION SEE S3004

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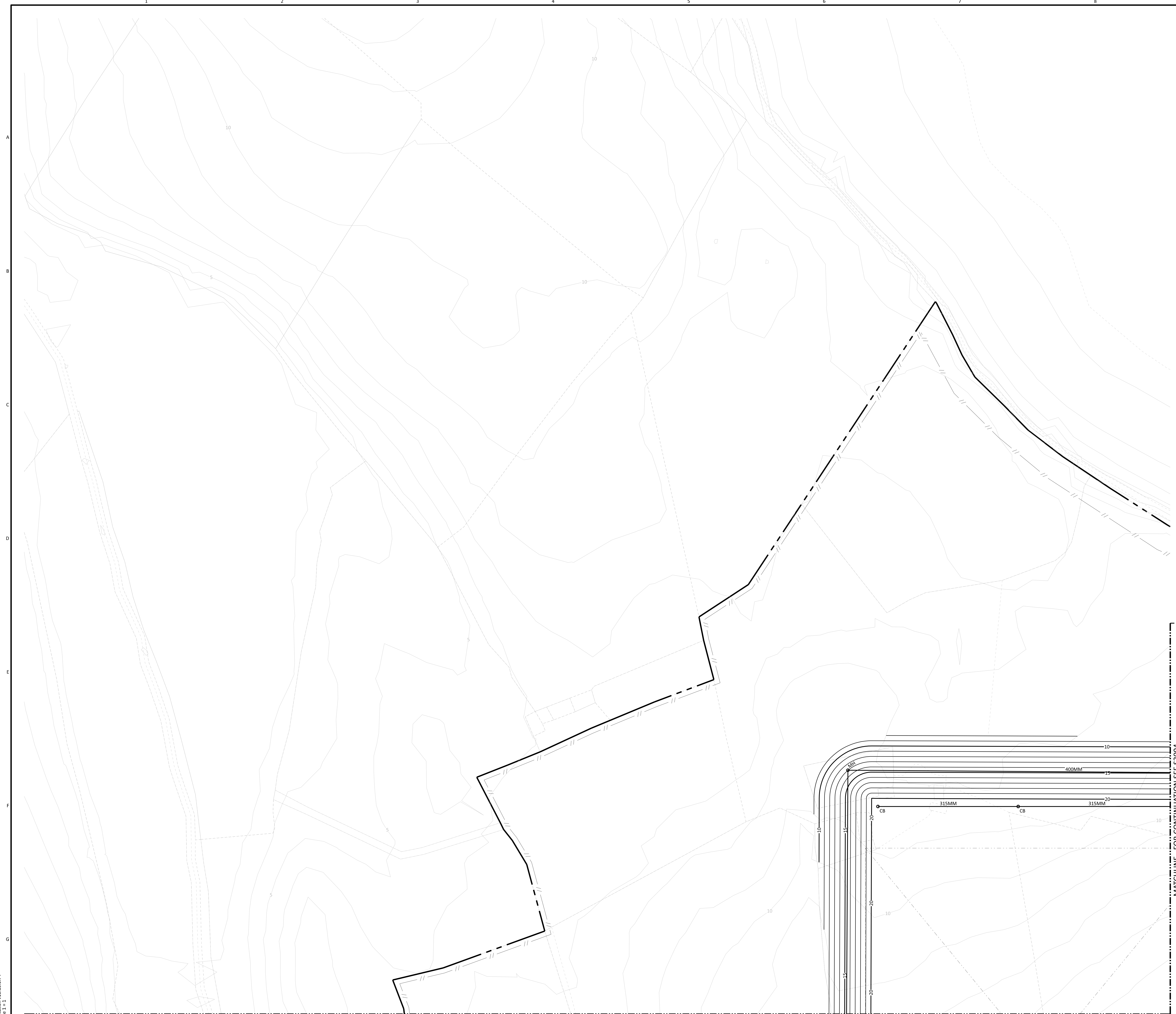
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1	18/JUN/2021	ISSUED FOR PLANNING	TAH	JDA	DAC		
0	30/APR/2021	ISSUED FOR PLANNING	BJR	JDA	DAC		



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KANSAS, USA



DESIGNER	JDA	DRAWN	BJR
CHECKED		DATE	

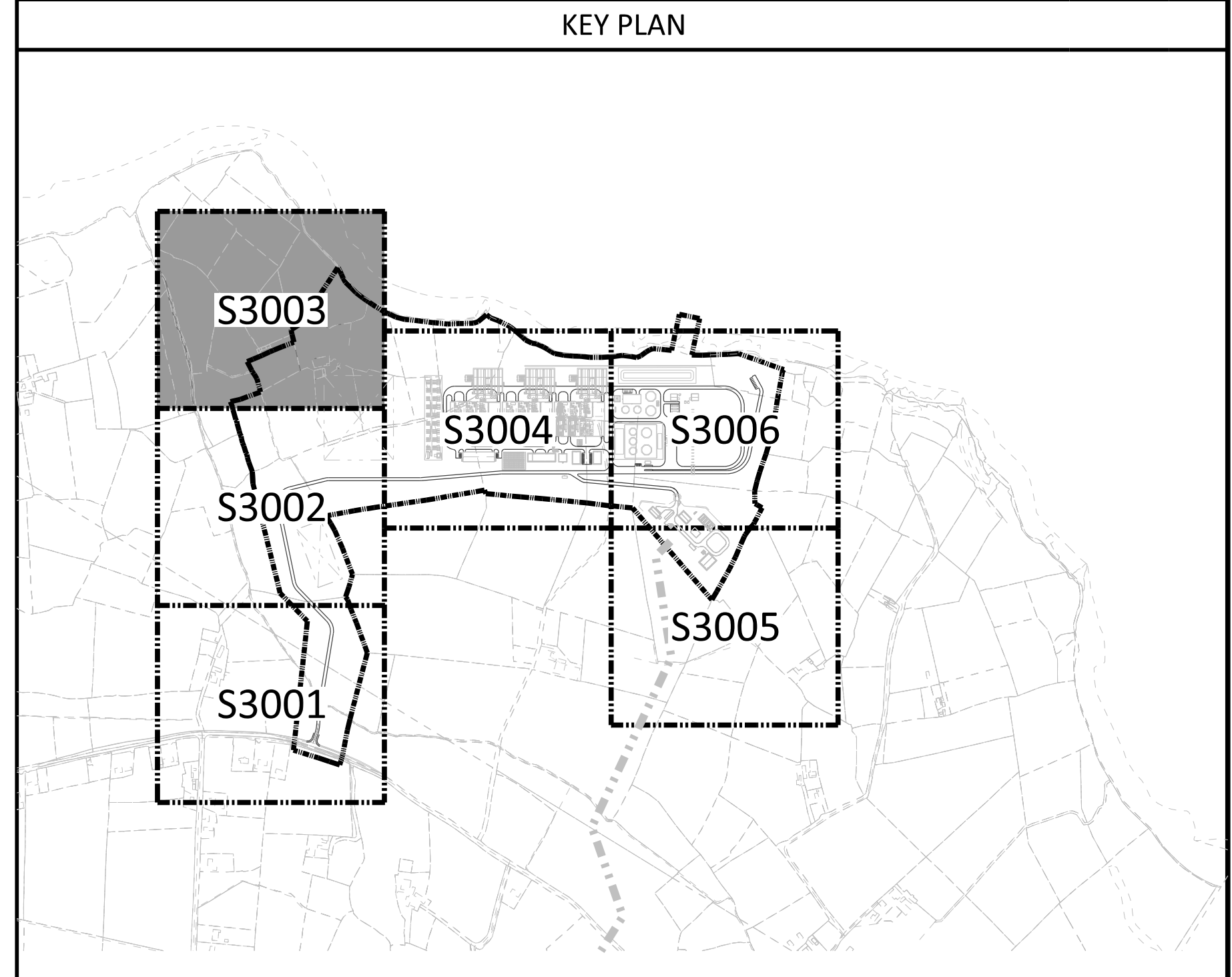


NOTES

1. FOR GENERAL NOTES SEE DRAWING 15TF-S3000

LEGEND

	PROJECT (REDLINE) BOUNDARY
	SECURITY FENCE
	2.9 M HIGH CHAIN LINK SECURITY FENCE WITH BARBED WIRE
	4.0 M HIGH PALISADE AND ELECTRIC WIRE FENCE
	NEW CONTOUR
	EXISTING CONTOUR
	GRADE SURFACE FLOW INDICATOR
	NEW CULVERT
	PROPOSED STORMWATER PIPE AND CATCH BASIN
	HYDRANT
	FIRE WATER PIPING
	POTABLE WATER PIPING
	SANITARY PIPING
	PETROLEUM INTERCEPTOR
	PROPOSED SWALE
	ELEVATED FIREWATER MONITOR



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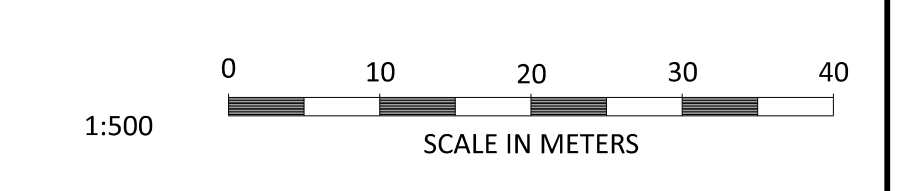
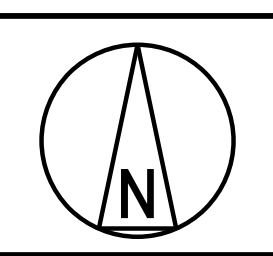
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MATCHLINE - FOR CONTINUATION SEE S3002

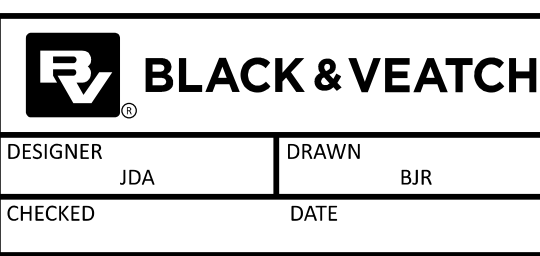
MATCHLINE - FOR CONTINUATION SEE S3004

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1	18/JUN/2021	ISSUED FOR PLANNING	TAH	JDA		DAC	
0	30/APR/2021	ISSUED FOR PLANNING	BJR	JDA		DAC	

DESIGNER	DRAWN	CHECKED	DATE
JDA	BJR		



BLACK & VEATCH CORP HEADQUARTERS:
 11401 LAMAR AVENUE, OVERLAND PARK,
 KANSAS, USA



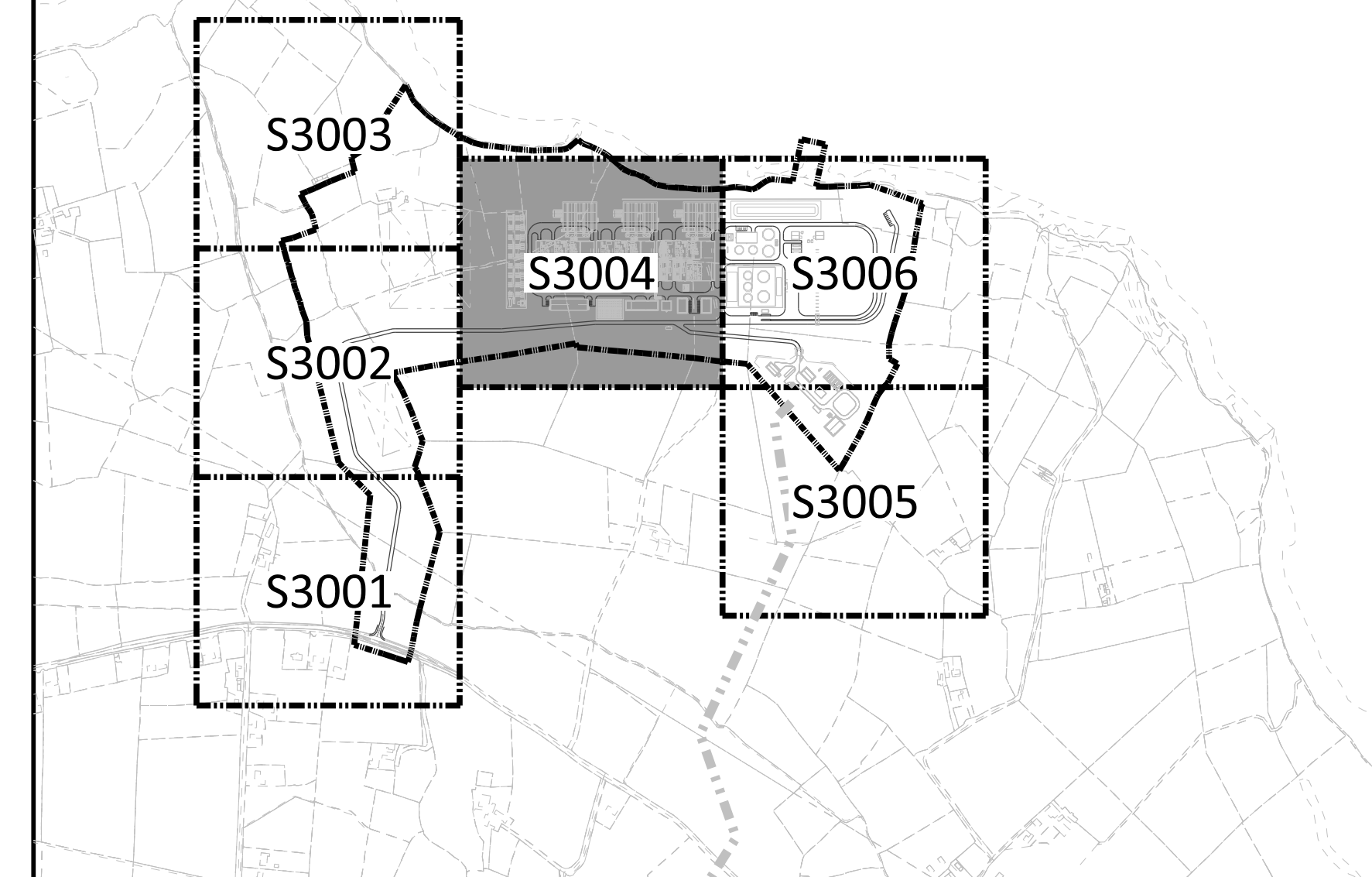
SHANNON LNG LIMITED SHANNON TECHNOLOGY AND ENERGY PARK (STEP) GRADING AND DRAINAGE - SITE PLAN - AREA 3		PROJECT 198291-15TF-S3003	DRAWING NUMBER 198291-15TF-S3003	REV 2
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1. FOR GENERAL NOTES SEE DRAWING 15TF-S3000.

LEGEND

- PROJECT (REDLINE) BOUNDARY
- SECURITY FENCE
- 2.9 M HIGH CHAIN LINK SECURITY FENCE WITH BARBED WIRE
- 4.0 M HIGH PALISADE AND ELECTRIC WIRE FENCE
- NEW CONTOUR
- EXISTING CONTOUR
- GRADE SURFACE FLOW INDICATOR
- NEW CULVERT
- PROPOSED STORMWATER PIPE AND CATCH BASIN
- HYDRANT
- FIRE WATER PIPING
- POTABLE WATER PIPING
- SANITARY PIPING
- PETROLEUM INTERCEPTOR
- PROPOSED SWALE
- ELEVATED FIREWATER MONITOR

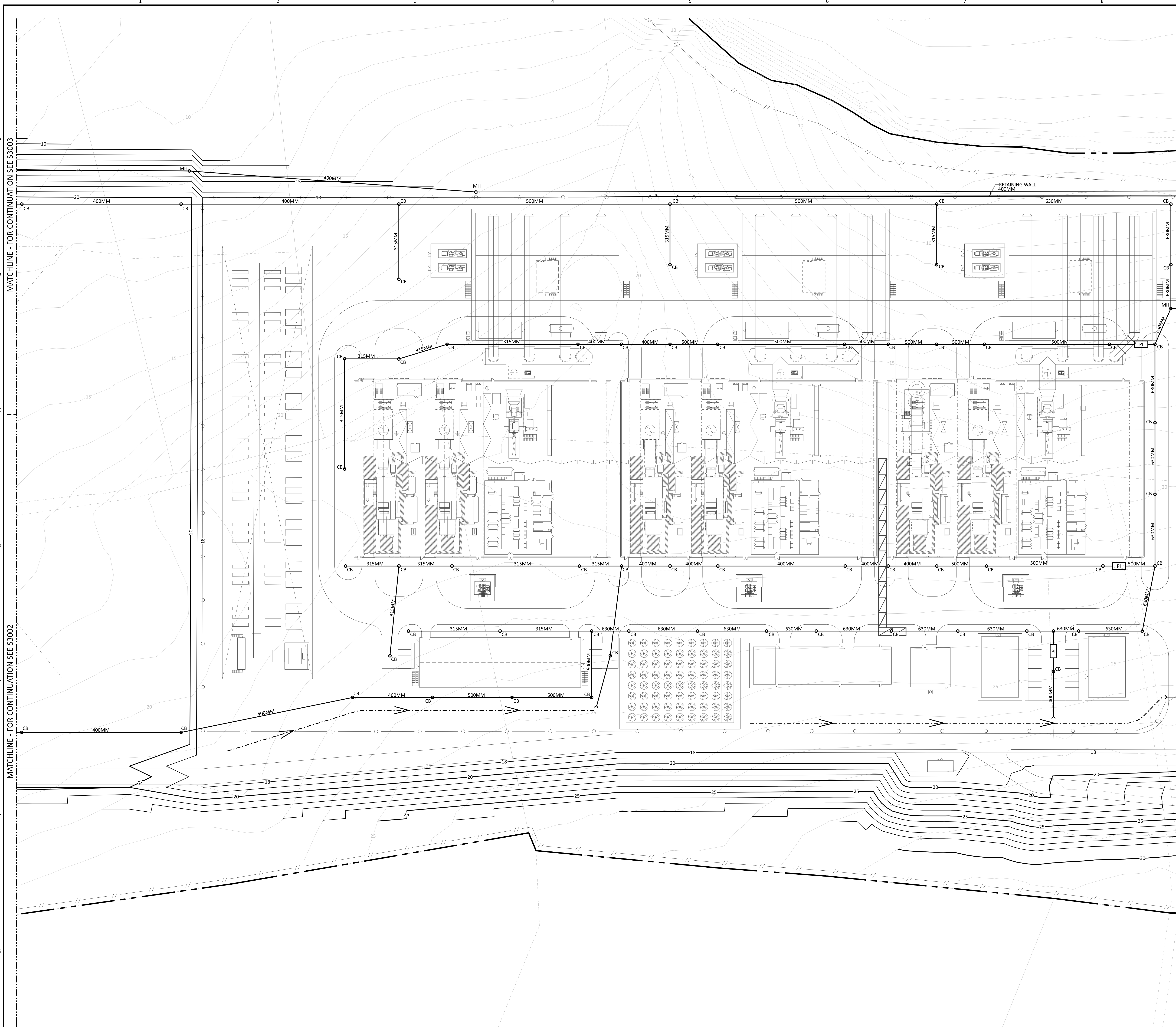
KEY PLAN



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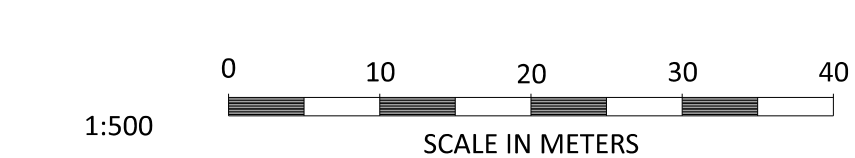
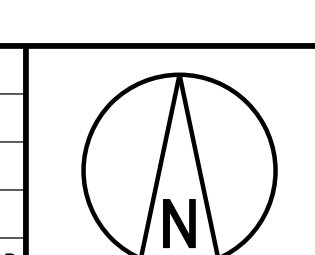
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SHANNON LNG LIMITED SHANNON TECHNOLOGY AND ENERGY PARK (STEP) GRADING AND DRAINAGE - SITE PLAN - AREA 4		PROJECT 198291-15TF-S3004	DRAWING NUMBER 198291-15TF-S3004	REV 2
DESIGNER	JDA	DRAWN	BJR	
CHECKED		DATE		

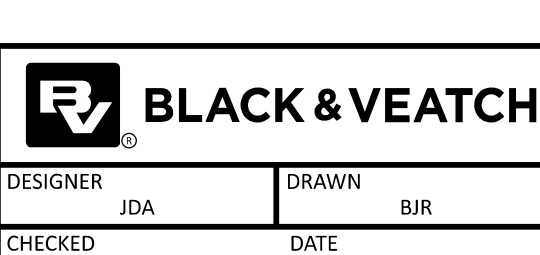


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1	18/JUN/2021	ISSUED FOR PLANNING	TAH	JDA	DAC		
0	30/APR/2021	ISSUED FOR PLANNING	BJR	JDA	DAC		



BLACK & VEATCH CORP HEADQUARTERS:
 11401 LAMAR AVENUE, OVERLAND PARK,
 KANSAS, USA



MATCHLINE - FOR CONTINUATION SEE S3006

REFER TO GNI DRAWINGS FOR GRADING & DRAINAGE IN AGI AREA

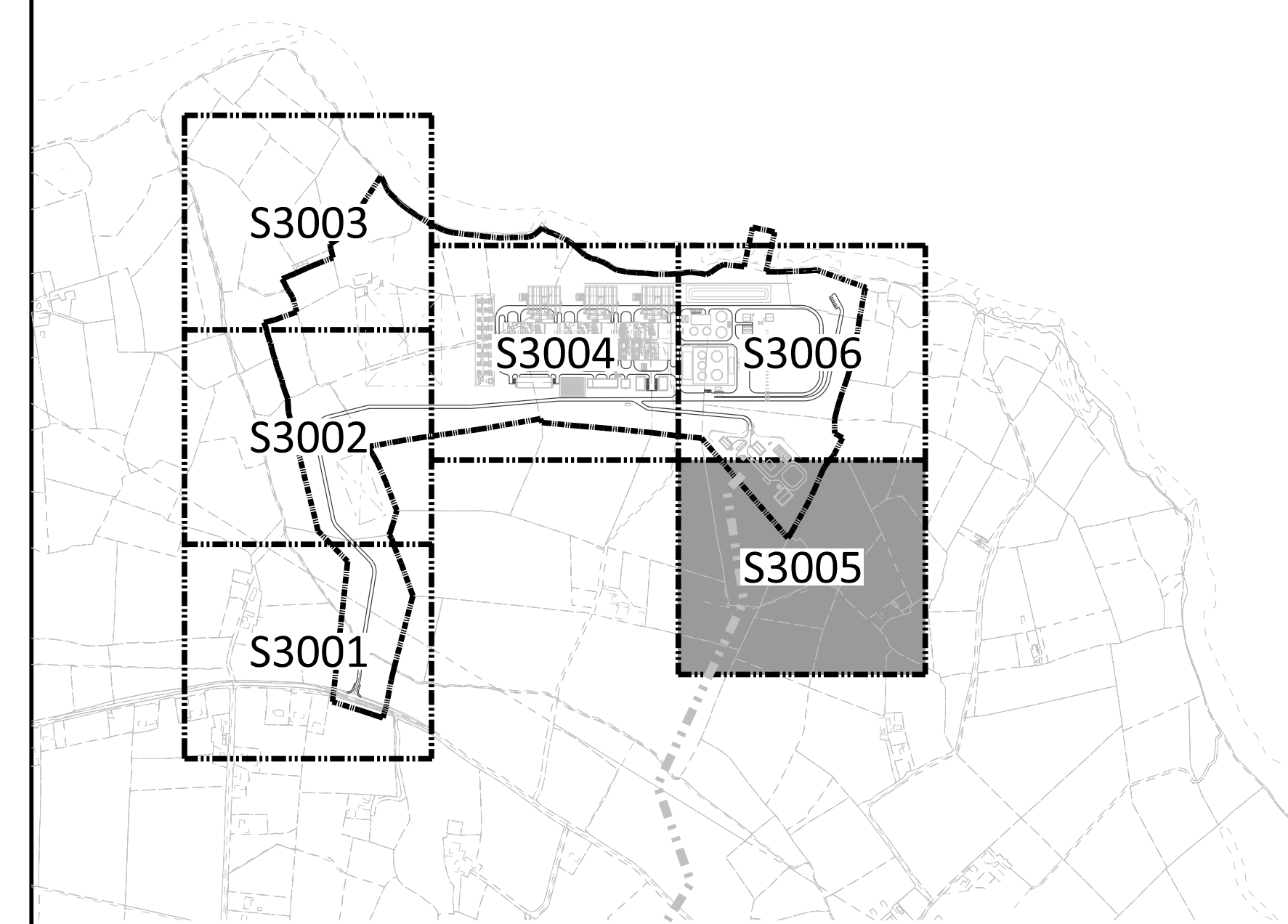
NOTES

- FOR GENERAL NOTES SEE DRAWING 1STF-S3000.

LEGEND

- PROJECT (REDLINE) BOUNDARY
- SECURITY FENCE
- 2.9 M HIGH CHAIN LINK SECURITY FENCE WITH BARBED WIRE
- 4.0 M HIGH PALISADE AND ELECTRIC WIRE FENCE
- NEW CONTOUR
- EXISTING CONTOUR
- GRADE SURFACE FLOW INDICATOR
- NEW CULVERT
- PROPOSED STORMWATER PIPE AND CATCH BASIN
- HYDRANT
- FIRE WATER PIPING
- POTABLE WATER PIPING
- SANITARY PIPING
- PETROLEUM INTERCEPTOR
- PROPOSED SWALE
- ELEVATED FIREWATER MONITOR

KEY PLAN

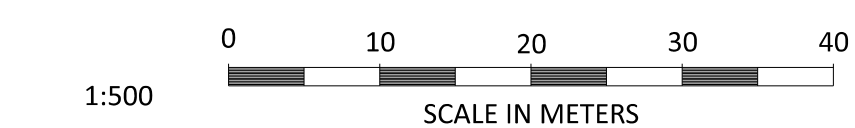
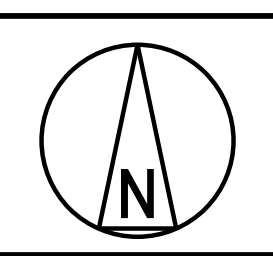


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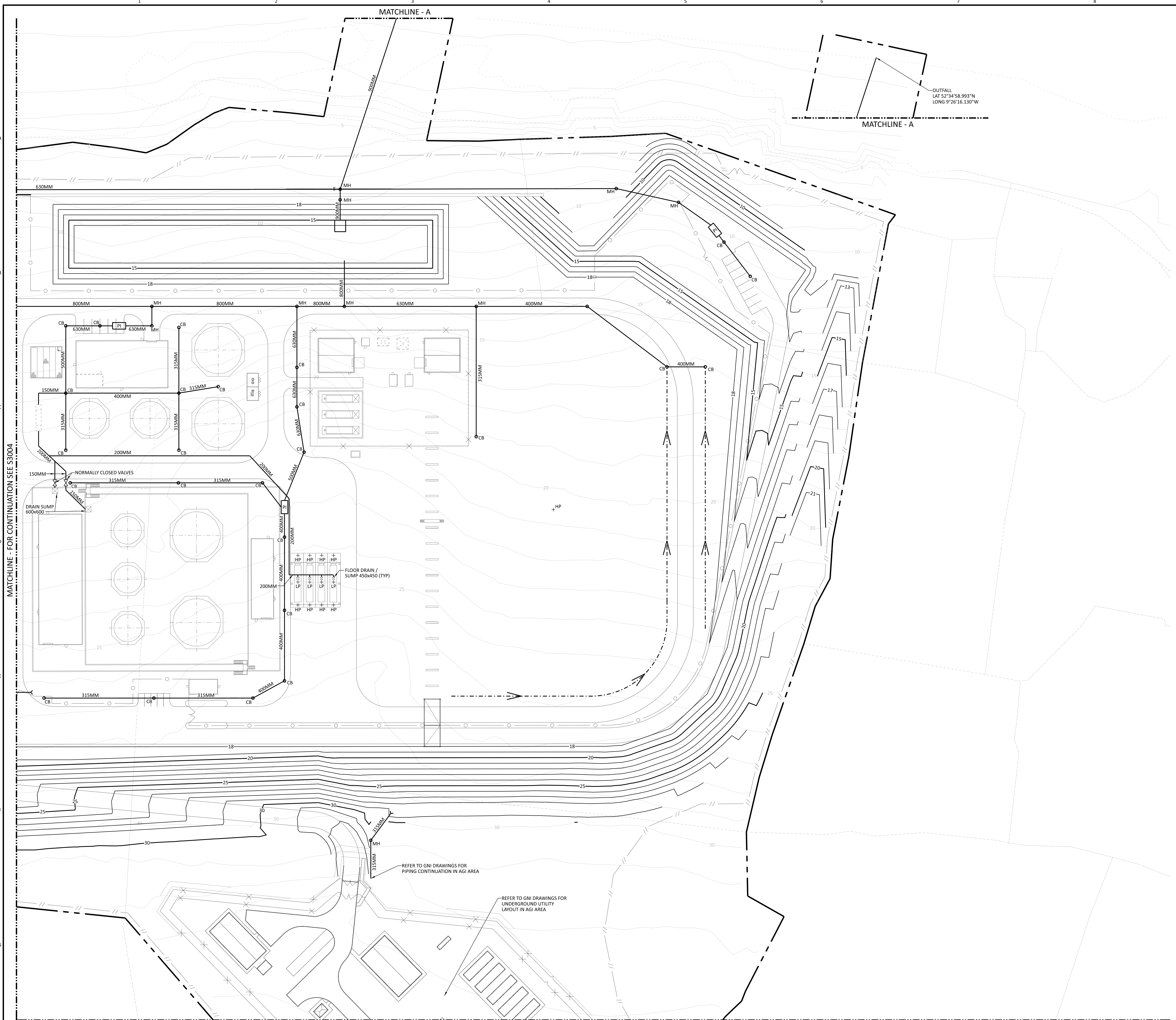


BLACK & VEATCH CORP HEADQUARTERS:
11401 LAMAR AVENUE, OVERLAND PARK,
KANSAS, USA

BLACK & VEATCH

DESIGNER	JDA	DRAWN	BJR
CHECKED		DATE	

SHANNON LNG LIMITED SHANNON TECHNOLOGY AND ENERGY PARK (STEP) GRADING AND DRAINAGE - SITE PLAN - AREA 5		PROJECT 198291-1STF-S3005	DRAWING NUMBER 2
CODE	AREA		



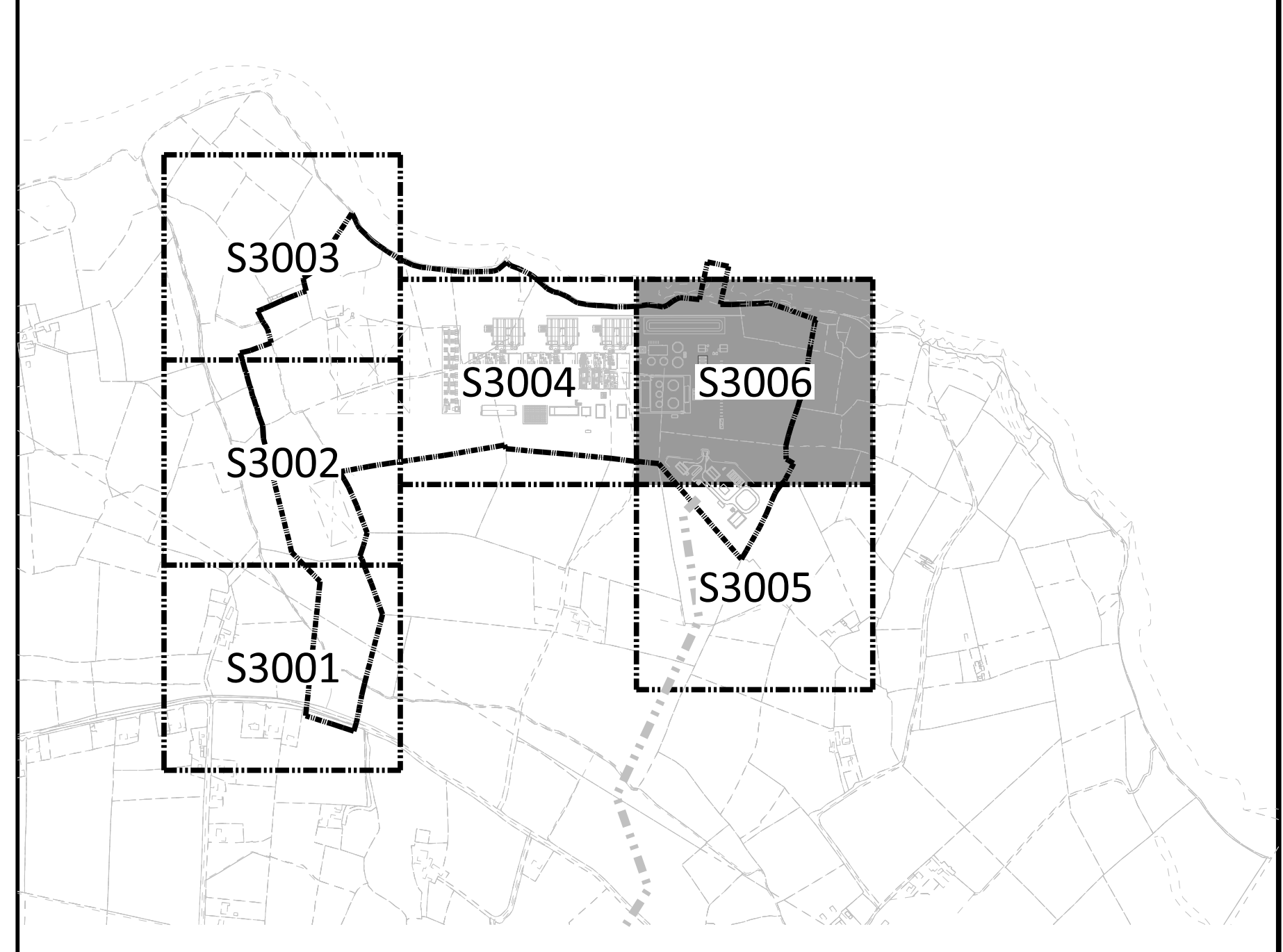
NOTES

- FOR GENERAL NOTES SEE DRAWING 1STF-S3000.
- FUEL OIL UNLOADING AND STORAGE AREA DRAINAGE PHILOSOPHY:
 - OWS TO BE SIZED TO CATER FOR ONE FUEL OIL TANKER.
 - SECONDARY AND TERTIARY CONTAINMENTS PROVIDED WITH NORMALLY CLOSED VALVES.
 - STORMWATER AND OIL SPILLS FROM TANK CONTAINMENT AREA TO BE ADMINISTERED MANUALLY.

LEGEND

	PROJECT (REDLINE) BOUNDARY
	SECURITY FENCE
	2.9 M HIGH CHAIN LINK SECURITY FENCE WITH BARBED WIRE
	4.0 M HIGH PALISADE AND ELECTRIC WIRE FENCE
	NEW CONTOUR
	EXISTING CONTOUR
	GRADE SURFACE FLOW INDICATOR
	NEW CULVERT
	PROPOSED STORMWATER PIPE AND CATCH BASIN
	HYDRANT
	FIRE WATER PIPING
	POTABLE WATER PIPING
	SANITARY PIPING
	PETROLEUM INTERCEPTOR
	PROPOSED SWALE
	ELEVATED FIREWATER MONITOR
	OILY DRAINAGE LINE
	FLOOR/RAIN SUMP
	HIGH POINT/LOW POINT

KEY PLAN



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MATCHLINE - FOR CONTINUATION SEE S3004

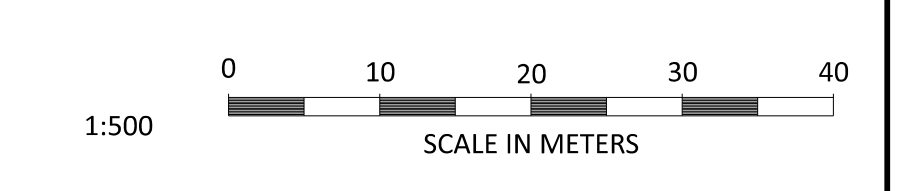
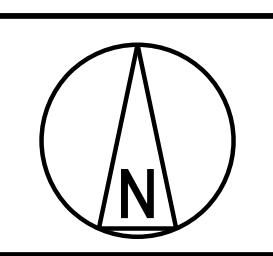
MATCHLINE - FOR CONTINUATION SEE S3005

REFER TO GNI DRAWINGS FOR PIPING CONTINUATION IN AGI AREA

REFER TO GNI DRAWINGS FOR UNDERGROUND UTILITY LAYOUT IN AGI AREA

NO	DATE	REVISIONS AND RECORD OF ISSUE	DRN	DES	CHK	PDE	APP
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2	28/APR/2023	ISSUED FOR PLANNING	DSP	NJC	DAC		
1	18/JUN/2021	ISSUED FOR PLANNING	TAH	JDA	DAC		
0	30/APR/2021	ISSUED FOR PLANNING	BJR	JDA	DAC		

DESIGNER	DRAWN	CHECKED	DATE
JDA	BJR		



BLACK & VEATCH CORP HEADQUARTERS:
11401 LAMAR AVENUE, OVERLAND PARK,
KANSAS, USA

BLACK & VEATCH

DESIGNER	JDA	DRAWN	BJR
CHECKED		DATE	






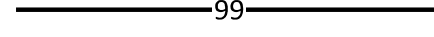










SHANNON LNG LIMITED SHANNON TECHNOLOGY AND ENERGY PARK (STEP) GRADING AND DRAINAGE - SITE PLAN - AREA G		PROJECT DRAWING NUMBER 198291-1STF-S3006	REV 3
AREA			

MATCHLINE - FOR CONTINUATION SEE S3302A

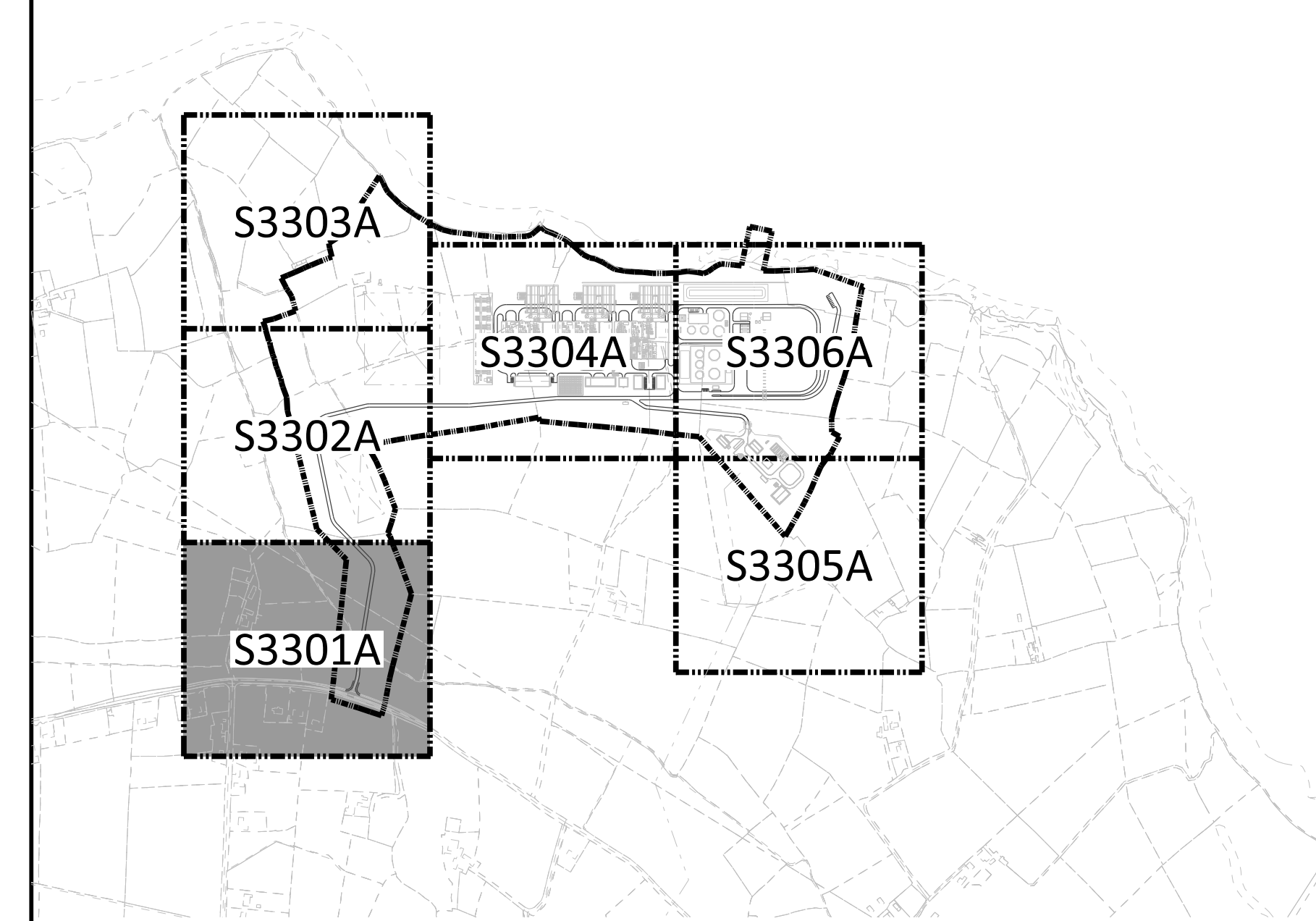
NOTES

1. FOR GENERAL NOTES SEE DRAWING 15TF-S3000.

LEGEND

-  PROJECT (REDLINE) BOUNDARY
-  SECURITY FENCE
-  2.9 M HIGH CHAIN LINK SECURITY FENCE WITH BARBED WIRE
-  4.0 M HIGH PALISADE AND ELECTRIC WIRE FENCE
-  NEW CONTOUR
-  EXISTING CONTOUR
-  GRADE SURFACE FLOW INDICATOR
-  NEW CULVERT
-  PROPOSED STORMWATER PIPE AND CATCH BASIN
-  HYDRANT
-  FIRE WATER PIPING
-  POTABLE WATER PIPING
-  SANITARY PIPING
-  PETROLEUM INTERCEPTOR
-  PROPOSED SWALE
-  ELEVATED FIREWATER MONITOR

KEY PLAN

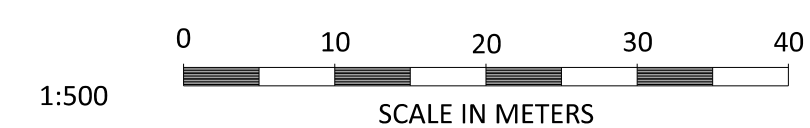
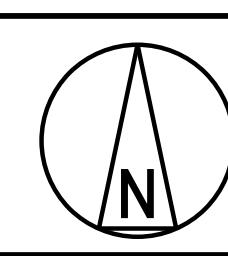


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1	18/JUN/2021	ISSUED FOR PLANNING	TAH	JDA		DAC	
0	30/APR/2021	ISSUED FOR PLANNING	BJR	JDA		DAC	



BLACK & VEATCH CORP HEADQUARTERS:
11401 LAMAR AVENUE, OVERLAND PARK,
KANSAS, USA

BLACK & VEATCH

DESIGNER: JDA DRAWN: BJR
CHECKED: DATE:

















SHANNON LNG LIMITED SHANNON TECHNOLOGY AND ENERGY PARK (STEP) SANITARY LAYOUT - SITE PLAN - AREA 1		PROJECT 198291-1STU-S3301A CODE AREA S3301A	DRAWING NUMBER 198291-1STU-S3301A REV 2
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MATCHLINE - FOR CONTINUATION SEE S3403A

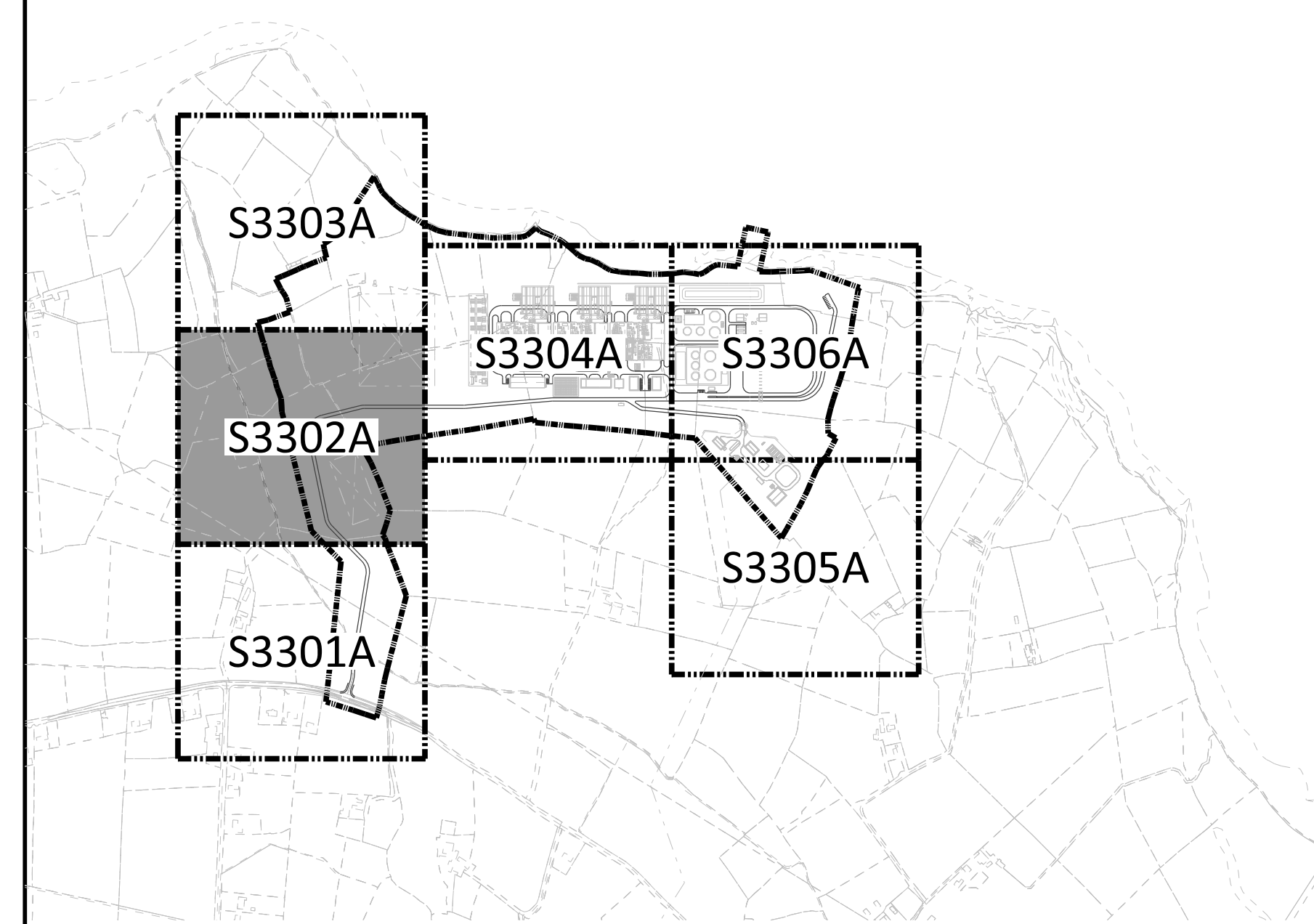
NOTES

1. FOR GENERAL NOTES SEE DRAWING 15TF-S3000.

LEGEND

-  PROJECT (REDLINE) BOUNDARY
-  SECURITY FENCE
-  2.9 M HIGH CHAIN LINK SECURITY FENCE WITH BARBED WIRE
-  4.0 M HIGH PALISADE AND ELECTRIC WIRE FENCE
-  NEW CONTOUR
-  EXISTING CONTOUR
-  GRADE SURFACE FLOW INDICATOR
-  NEW CULVERT
-  PROPOSED STORMWATER PIPE AND CATCH BASIN
-  HYDRANT
-  FIRE WATER PIPING
-  POTABLE WATER PIPING
-  SANITARY PIPING
-  PETROLEUM INTERCEPTOR
-  PROPOSED SWALE
-  ELEVATED FIREWATER MONITOR

KEY PLAN

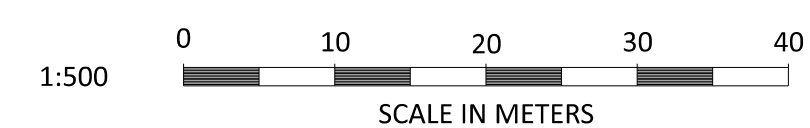
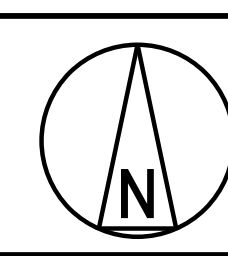


INDICATIVE LOCATION OF 220 KV SUBSTATION

MATCHLINE - FOR CONTINUATION SEE S3301A

15/05/2021
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1	18/JUN/2021	ISSUED FOR PLANNING	TAH	JDA	DAC		
0	30/APR/2021	ISSUED FOR PLANNING	BJR	JDA	DAC		



BLACK & VEATCH CORP HEADQUARTERS:
 11401 LAMAR AVENUE, OVERLAND PARK,
 KANSAS, USA

BLACK & VEATCH

DESIGNER: JDA DRAWN: BJR
 CHECKED: DATE

SHANNON LNG LIMITED
 SHANNON TECHNOLOGY AND ENERGY PARK (STEP)
 SANITARY LAYOUT - SITE
 PLAN - AREA 2

PROJECT: 198291-1STU-S3302A
 DRAWING NUMBER: 2
 REV: 2

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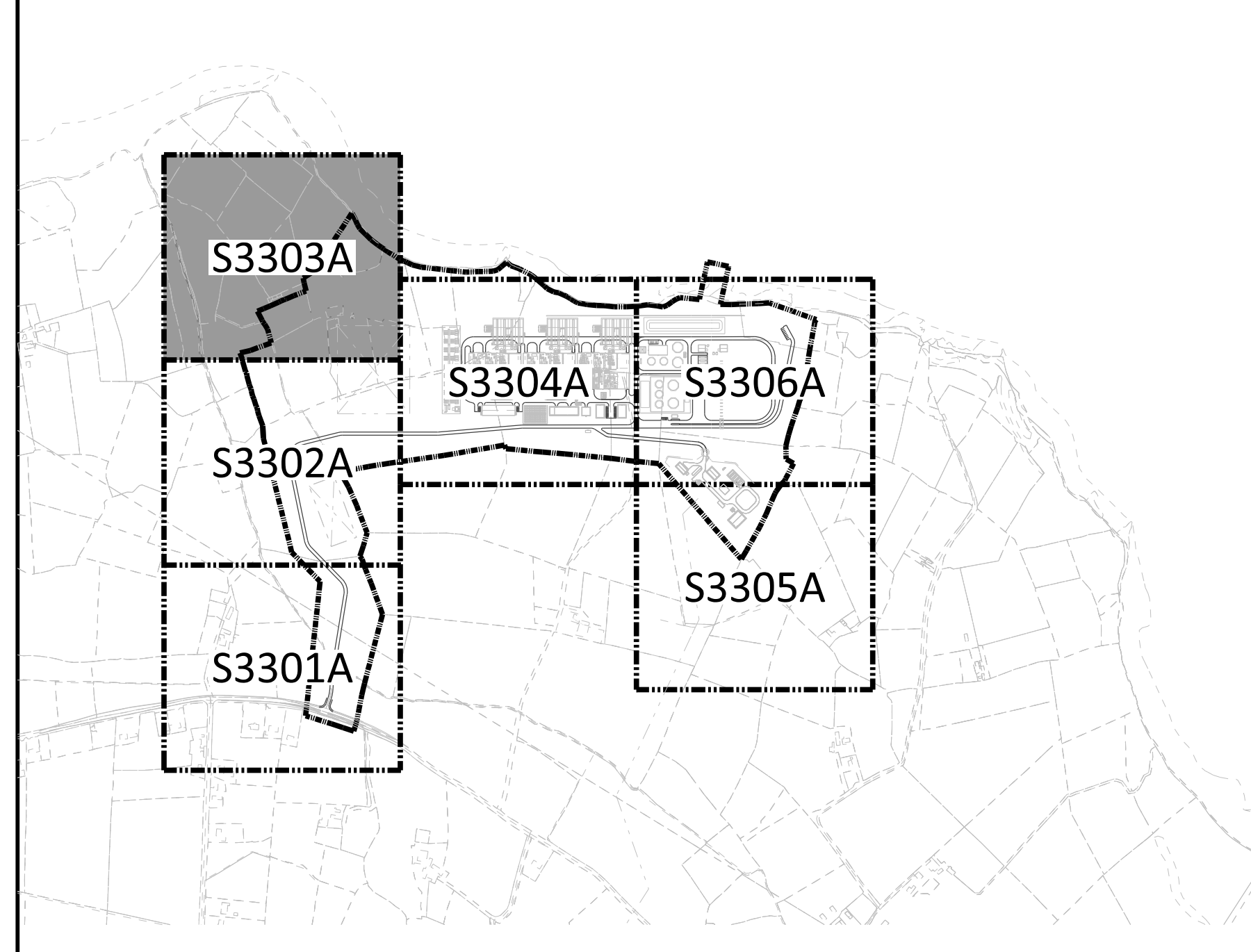
NOTES

1. FOR GENERAL NOTES SEE DRAWING 15TF-S3000.

LEGEND

- PROJECT (REDLINE) BOUNDARY
- SECURITY FENCE
- 2.9 M HIGH CHAIN LINK SECURITY FENCE WITH BARBED WIRE
- 4.0 M HIGH PALISADE AND ELECTRIC WIRE FENCE
- NEW CONTOUR
- EXISTING CONTOUR
- GRADE SURFACE FLOW INDICATOR
- NEW CULVERT
- PROPOSED STORMWATER PIPE AND CATCH BASIN
- HYDRANT
- FIRE WATER PIPING
- POTABLE WATER PIPING
- SANITARY PIPING
- PETROLEUM INTERCEPTOR
- PROPOSED SWALE
- ELEVATED FIREWATER MONITOR

KEY PLAN



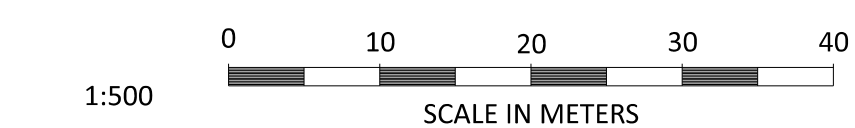
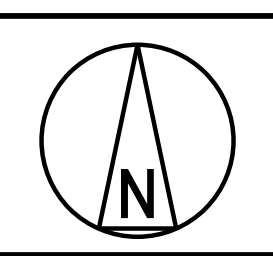
NOT TO BE USED FOR CONSTRUCTION

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1	18/JUN/2021	ISSUED FOR PLANNING	TAH	JDA		DAC	
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NO	DATE	REVISIONS AND RECORD OF ISSUE	DRN	DES	CHK	PDE	APP
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1	18/JUN/2021	ISSUED FOR PLANNING	TAH	JDA		DAC	
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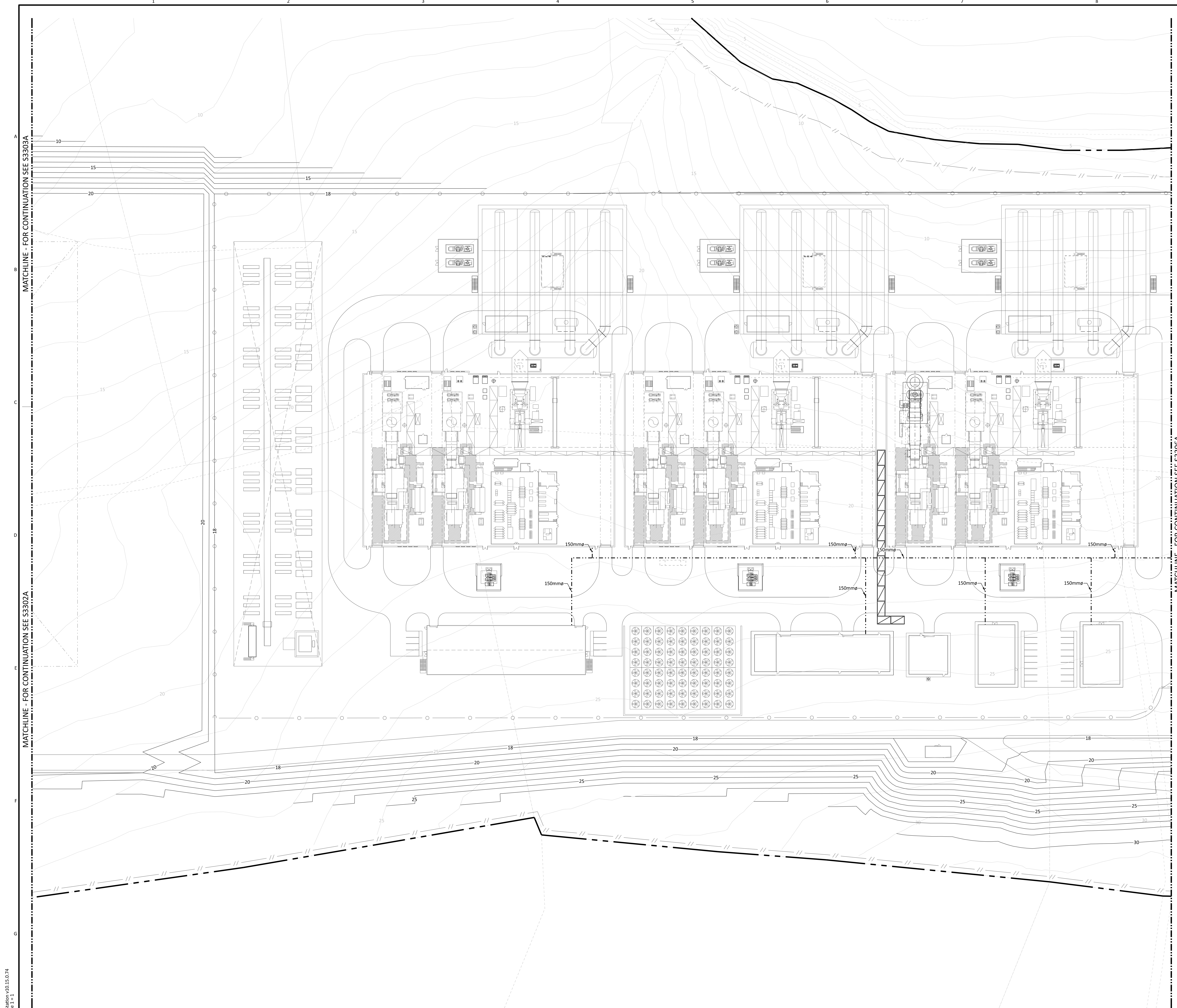
BLACK & VEATCH CORP HEADQUARTERS:
11401 LAMAR AVENUE, OVERLAND PARK,
KANSAS, USA

BLACK & VEATCH

DESIGNER	JDA	DRAWN	BJR
CHECKED		DATE	

SHANNON LNG LIMITED
SHANNON TECHNOLOGY AND ENERGY PARK (STEP)
SANITARY LAYOUT - SITE
PLAN - AREA 3

PROJECT	198291-1STU-S3303A	DRAWING NUMBER	2
CODE		AREA	



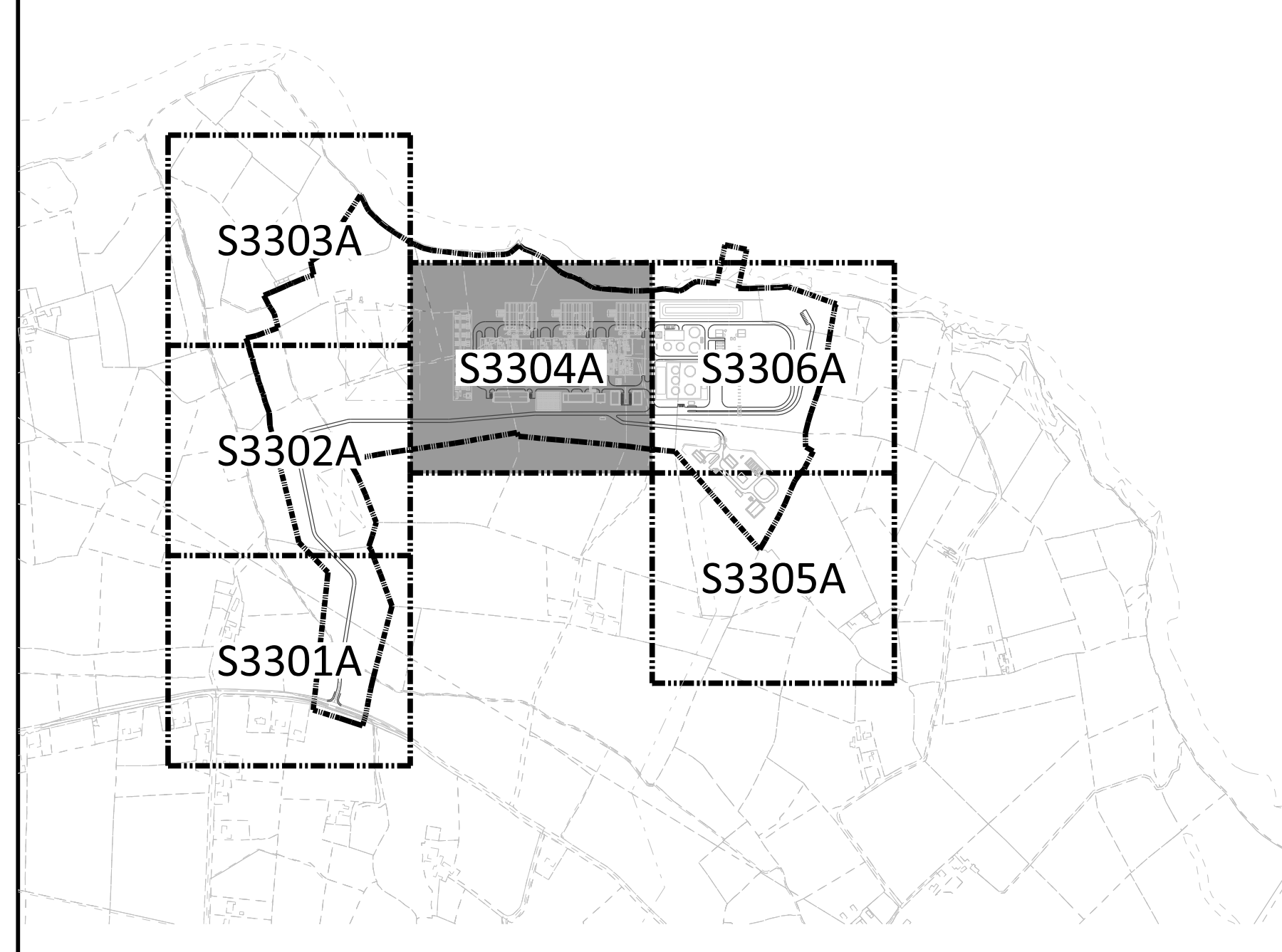
NOTES

1. FOR GENERAL NOTES SEE DRAWING 15TF-S3000.

LEGEND

- PROJECT (REDLINE) BOUNDARY
- SECURITY FENCE
- 2.9 M HIGH CHAIN LINK SECURITY FENCE WITH BARBED WIRE
- 4.0 M HIGH PALISADE AND ELECTRIC WIRE FENCE
- NEW CONTOUR
- EXISTING CONTOUR
- GRADE SURFACE FLOW INDICATOR
- NEW CULVERT
- PROPOSED STORMWATER PIPE AND CATCH BASIN
- HYDRANT
- FIRE WATER PIPING
- POTABLE WATER PIPING
- SANITARY PIPING
- PETROLEUM INTERCEPTOR
- PROPOSED SWALE
- ELEVATED FIREWATER MONITOR

KEY PLAN

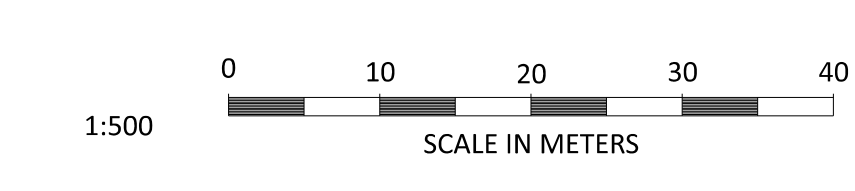
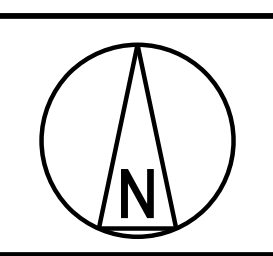


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NO	DATE	REVISIONS AND RECORD OF ISSUE	DRN	DES	CHK	PDE	APP
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1	18/JUN/2021	ISSUED FOR PLANNING	TAH	JDA	DAC		
0	30/APR/2021	ISSUED FOR PLANNING	BJR	JDA	DAC		



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11401 LAMAR AVENUE, OVERLAND PARK,
KANSAS, USA

BLACK & VEATCH

DESIGNER: JDA DRAWN: BJR
CHECKED: DATE

SHANNON LNG LIMITED SHANNON TECHNOLOGY AND ENERGY PARK (STEP) SANITARY LAYOUT - SITE PLAN - AREA 4		PROJECT DRAWING NUMBER 198291-1STU-S3304A	REV 2
AREA		CODE	



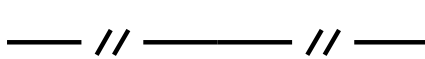

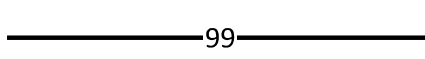

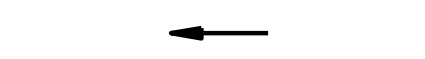
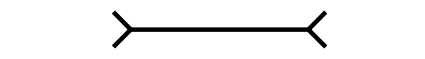
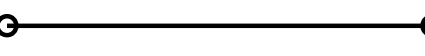

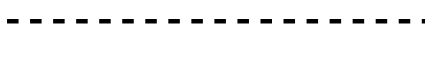
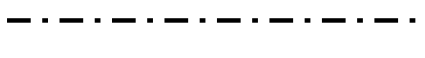
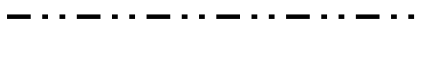
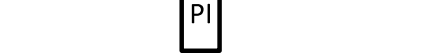
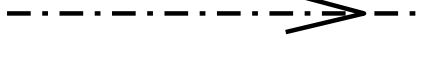

MATCHLINE - FOR CONTINUATION SEE S3306A

REFER TO GNI DRAWINGS FOR UNDERGROUND UTILITY LAYOUT IN AGI AREA

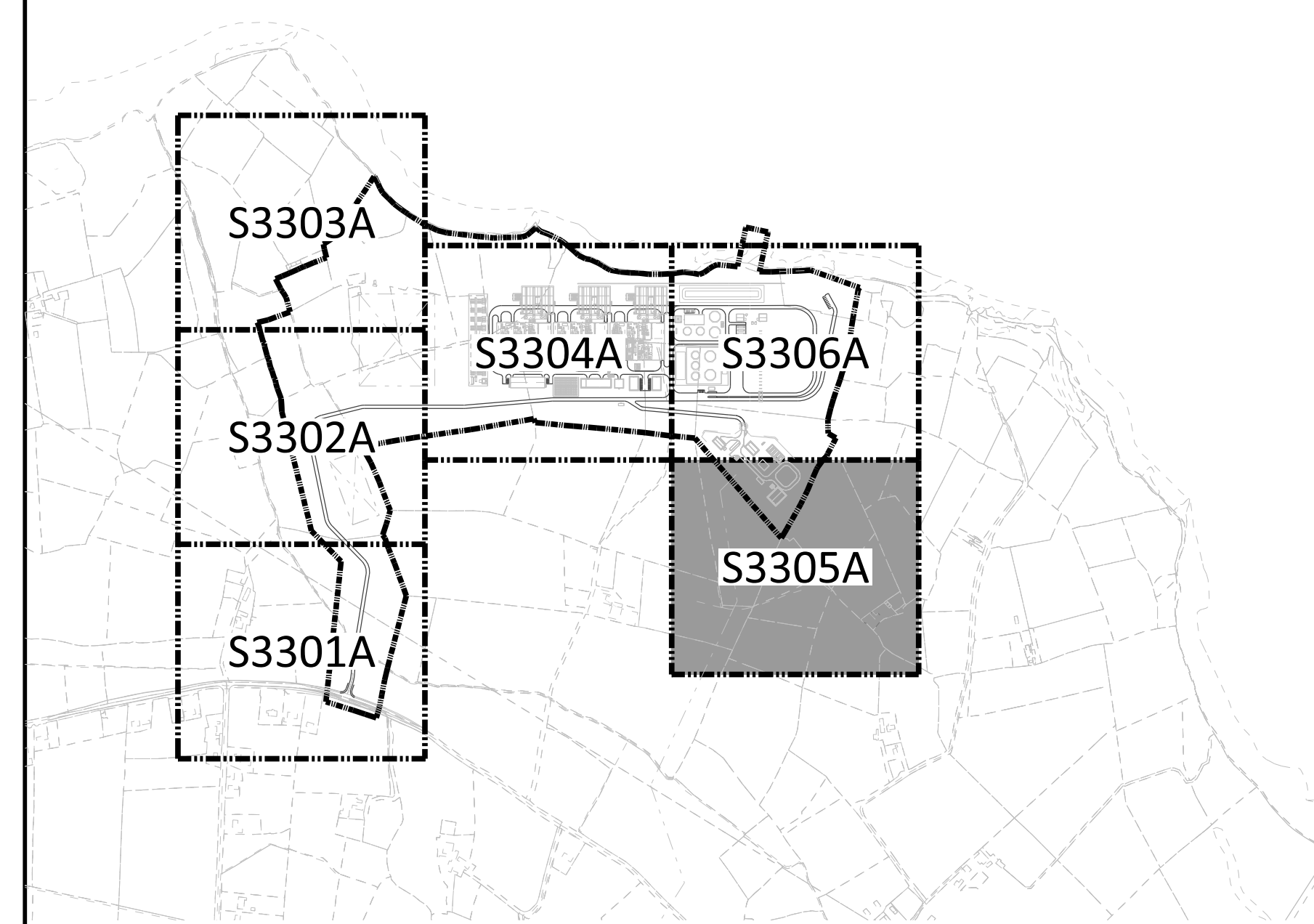
NOTES

1. FOR GENERAL NOTES SEE DRAWING 15TF-S3000.

LEGEND

-  PROJECT (REDLINE) BOUNDARY
-  SECURITY FENCE
-  2.9 M HIGH CHAIN LINK SECURITY FENCE WITH BARBED WIRE
-  4.0 M HIGH PALISADE AND ELECTRIC WIRE FENCE
-  NEW CONTOUR
-  EXISTING CONTOUR
-  GRADE SURFACE FLOW INDICATOR
-  NEW CULVERT
-  PROPOSED STORMWATER PIPE AND CATCH BASIN
-  HYDRANT
-  FIRE WATER PIPING
-  POTABLE WATER PIPING
-  SANITARY PIPING
-  PETROLEUM INTERCEPTOR
-  PROPOSED SWALE
-  ELEVATED FIREWATER MONITOR

KEY PLAN

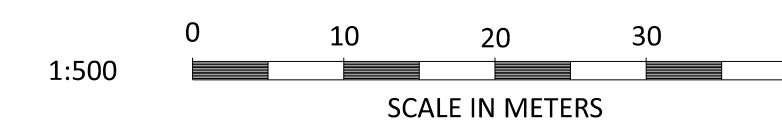
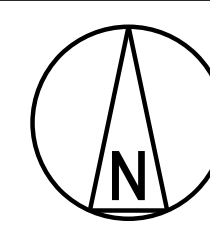


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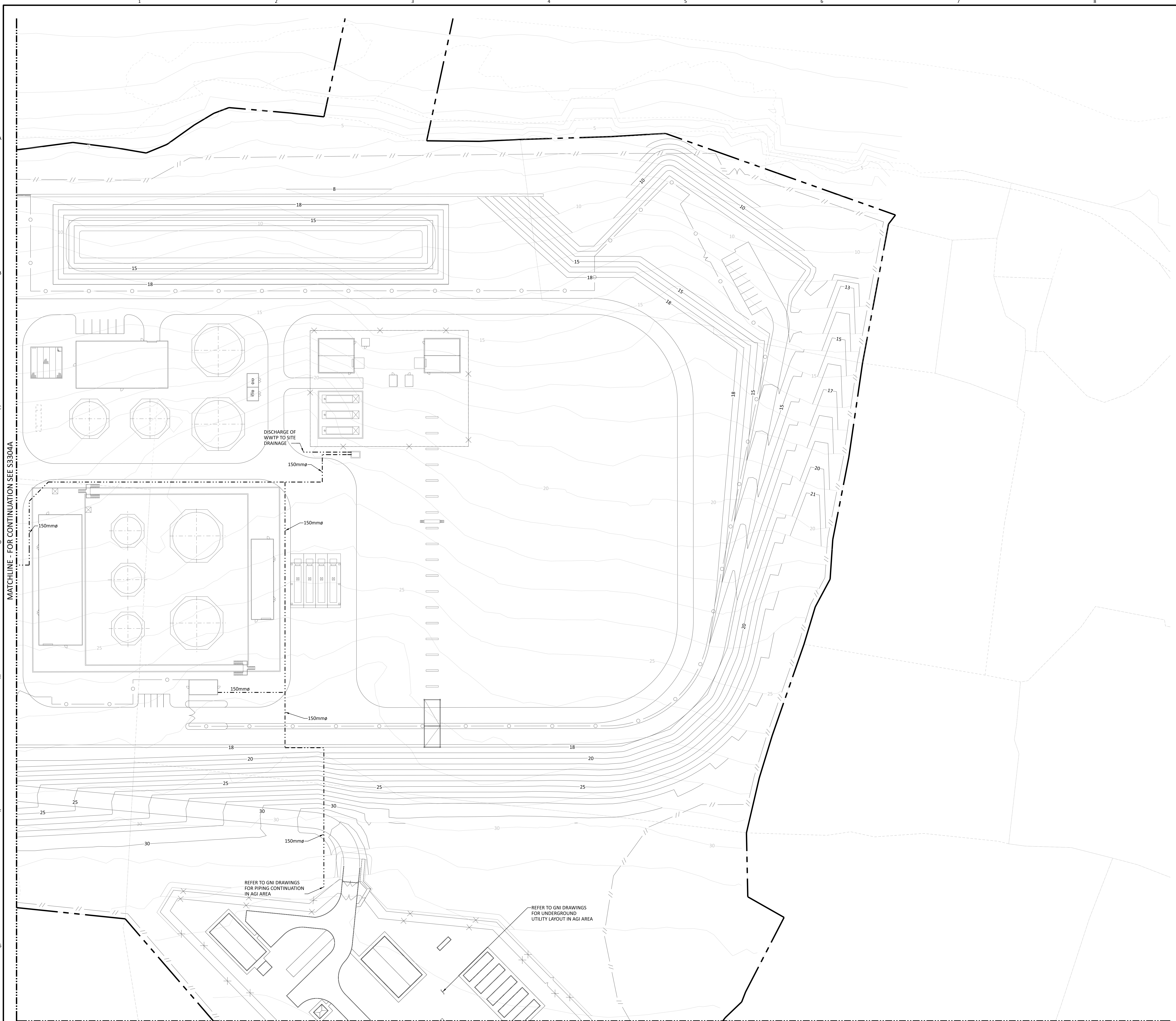


BLACK & VEATCH CORP HEADQUARTERS:
11401 LAMAR AVENUE, OVERLAND PARK,
KANSAS, USA

BLACK & VEATCH

DESIGNER	JDA	DRAWN	BJR
CHECKED		DATE	

SHANNON LNG LIMITED SHANNON TECHNOLOGY AND ENERGY PARK (STEP) SANITARY LAYOUT - SITE PLAN - AREA 5		PROJECT 198291-1STU-S3305A	DRAWING NUMBER 198291-1STU-S3305A	REV 2
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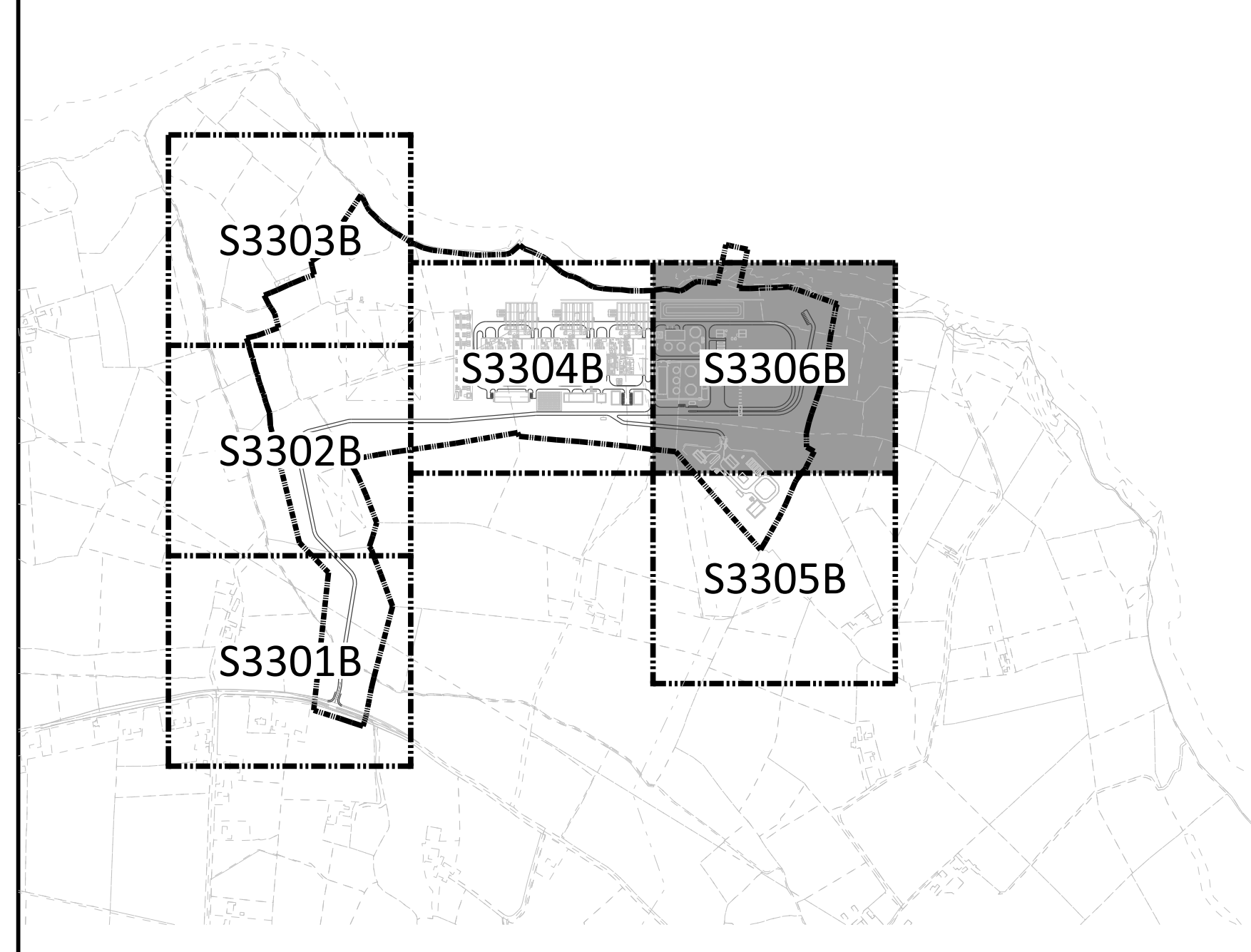
NOTES

1. FOR GENERAL NOTES SEE DRAWING 1STF-S3000.

LEGEND

- PROJECT (REDLINE) BOUNDARY
- SECURITY FENCE
- 2.9 M HIGH CHAIN LINK SECURITY FENCE WITH BARBED WIRE
- 4.0 M HIGH PALISADE AND ELECTRIC WIRE FENCE
- NEW CONTOUR
- EXISTING CONTOUR
- GRADE SURFACE FLOW INDICATOR
- NEW CULVERT
- PROPOSED STORMWATER PIPE AND CATCH BASIN
- HYDRANT
- FIRE WATER PIPING
- POTABLE WATER PIPING
- SANITARY PIPING
- PETROLEUM INTERCEPTOR
- PROPOSED SWALE
- ELEVATED FIREWATER MONITOR
- OILY DRAINAGE LINE
- FLOOR/RAIN SUMP

KEY PLAN



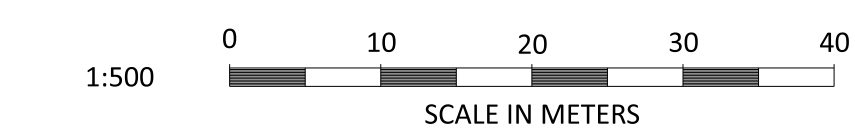
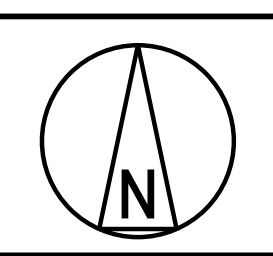
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NO	DATE	REVISIONS AND RECORD OF ISSUE	DRN	DES	CHK	PDE	APP
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1	18/JUN/2021	ISSUED FOR PLANNING	TAH	JDA	DAC		
0	30/APR/2021	ISSUED FOR PLANNING	BJR	JDA	DAC		



BLACK & VEATCH CORP HEADQUARTERS:
11401 LAMAR AVENUE, OVERLAND PARK,
KANSAS, USA

BLACK & VEATCH

DESIGNER: JDA DRAWN: BJR
CHECKED: DATE

PROJECT: SHANNON LNG LIMITED
DRAWING NUMBER: 198291-1STU-S3306A
REV: 3






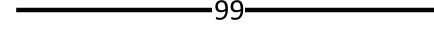










AREA: SHANNON TECHNOLOGY AND ENERGY PARK (STEP)
SANITARY LAYOUT - SITE
PLAN - AREA 6

MATCHLINE - FOR CONTINUATION SEE S3302B

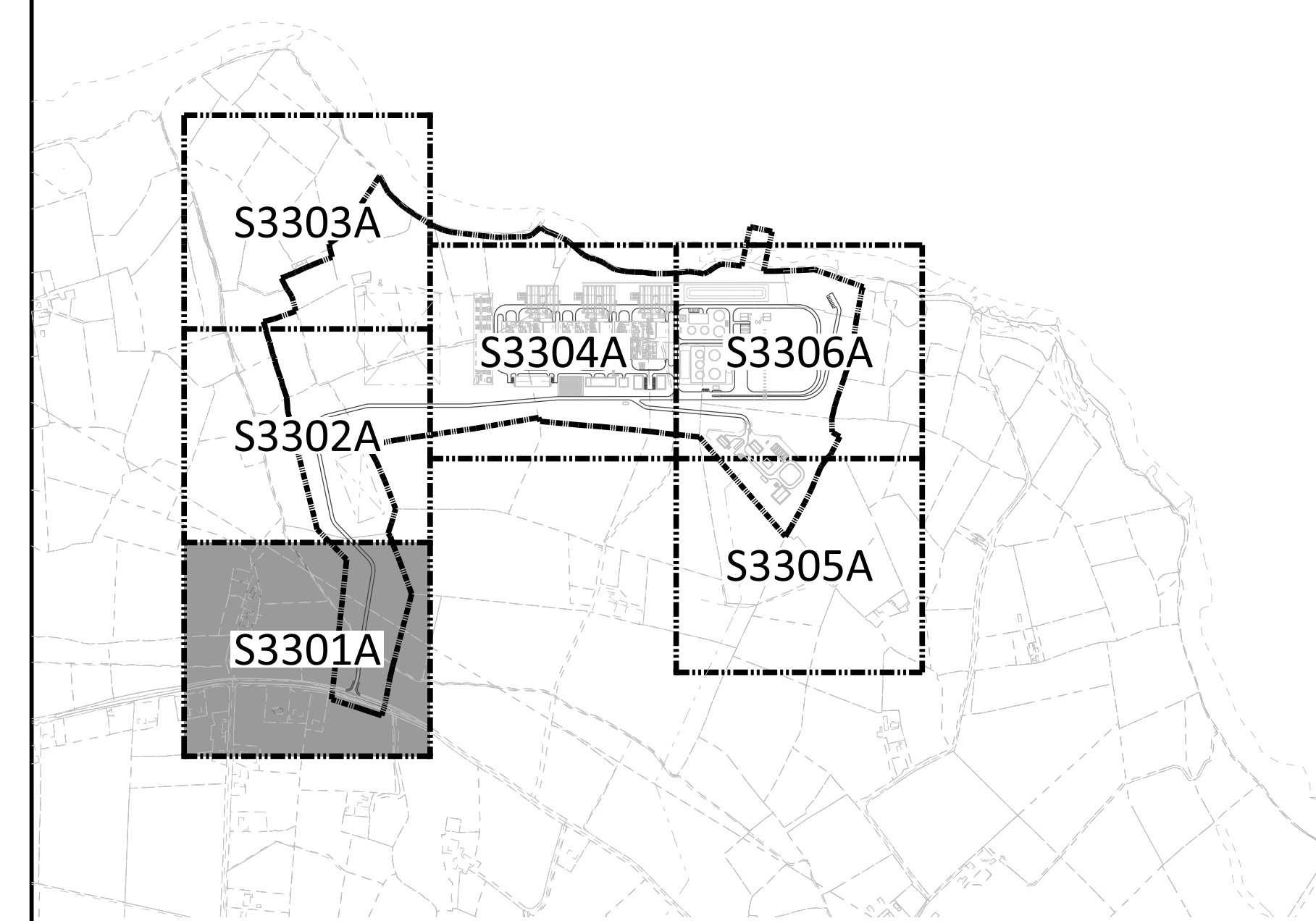
NOTES

1. FOR GENERAL NOTES SEE DRAWING 1STF-S3000.

LEGEND

-  PROJECT (REDLINE) BOUNDARY
-  SECURITY FENCE
-  2.9 M HIGH CHAIN LINK SECURITY FENCE WITH BARBED WIRE
-  4.0 M HIGH PALISADE AND ELECTRIC WIRE FENCE
-  NEW CONTOUR
-  EXISTING CONTOUR
-  GRADE SURFACE FLOW INDICATOR
-  NEW CULVERT
-  PROPOSED STORMWATER PIPE AND CATCH BASIN
-  HYDRANT
-  FIRE WATER PIPING
-  POTABLE WATER PIPING
-  SANITARY PIPING
-  PETROLEUM INTERCEPTOR
-  PROPOSED SWALE
-  ELEVATED FIREWATER MONITOR

KEY PLAN

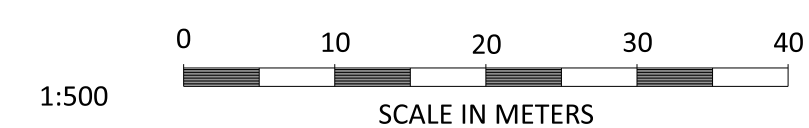
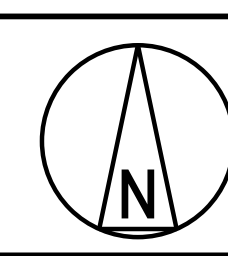


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1	18/JUN/2021	ISSUED FOR PLANNING	TAH	JDA	DAC		
0	30/APR/2021	ISSUED FOR PLANNING	BJR	JDA	DAC		



BLACK & VEATCH CORP HEADQUARTERS:
11401 LAMAR AVENUE, OVERLAND PARK,
KANSAS, USA

BLACK & VEATCH

DESIGNER: JDA DRAWN: BJR
CHECKED: DATE

PROJECT: SHANNON LNG LIMITED SHANNON TECHNOLOGY AND ENERGY PARK (STEP)
DRAWING NUMBER: 198291-1STU-S3301B
AREA: POTABLE WATER LAYOUT - SITE PLAN - AREA 1
REV: 2

MATCHLINE - FOR CONTINUATION SEE S3303B

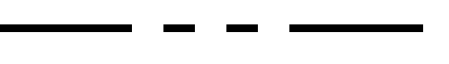
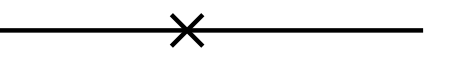
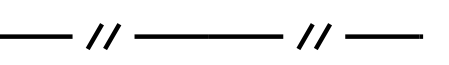
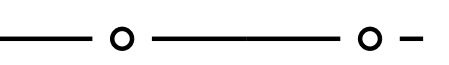
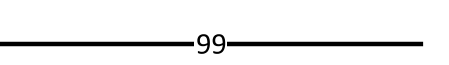

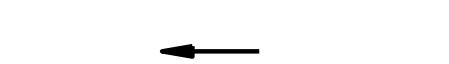









MATCHLINE - FOR CONTINUATION SEE S3301B

MATCHLINE - FOR CONTINUATION SEE S3304B

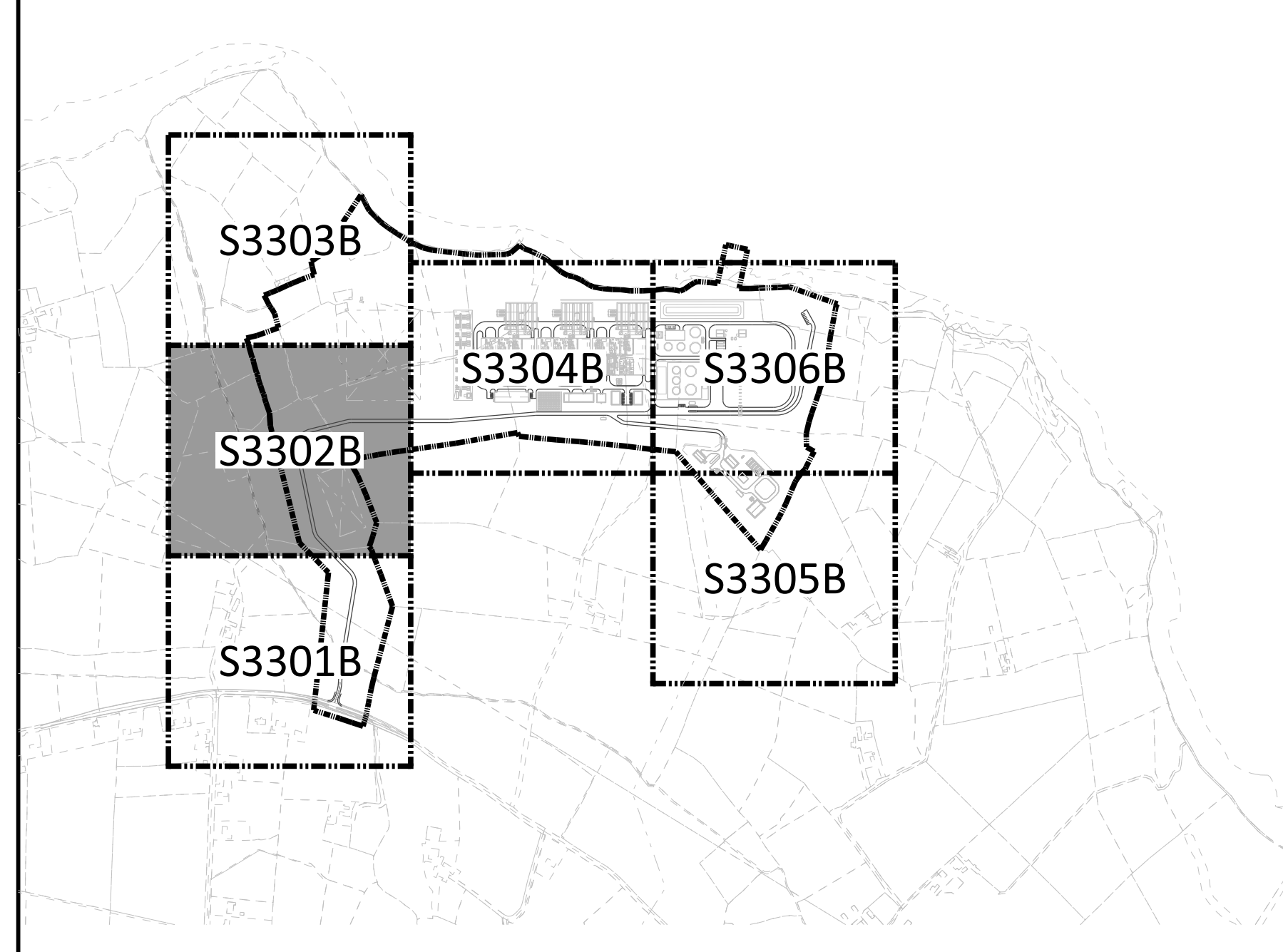
NOTES

1. FOR GENERAL NOTES SEE DRAWING 1STF-S3000.

LEGEND

-  PROJECT (REDLINE) BOUNDARY
-  SECURITY FENCE
-  2.9 M HIGH CHAIN LINK SECURITY FENCE WITH BARBED WIRE
-  4.0 M HIGH PALISADE AND ELECTRIC WIRE FENCE
-  NEW CONTOUR
-  EXISTING CONTOUR
-  GRADE SURFACE FLOW INDICATOR
-  NEW CULVERT
-  PROPOSED STORMWATER PIPE AND CATCH BASIN
-  HYDRANT
-  FIRE WATER PIPING
-  POTABLE WATER PIPING
-  SANITARY PIPING
-  PETROLEUM INTERCEPTOR
-  PROPOSED SWALE
-  ELEVATED FIREWATER MONITOR

KEY PLAN

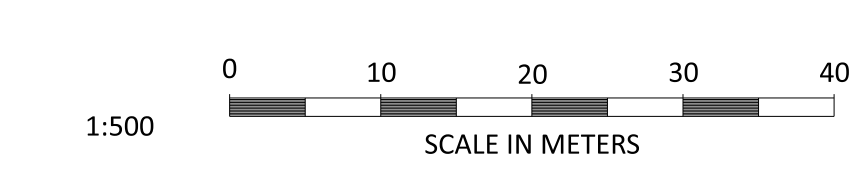
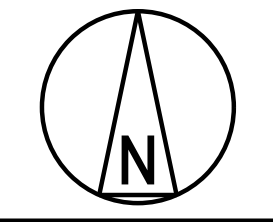


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1	18/JUN/2021	ISSUED FOR PLANNING	TAM	JDA	DAC		
0	30/APR/2021	ISSUED FOR PLANNING	BJR	JDA	DAC		



BLACK & VEATCH CORP HEADQUARTERS:
11401 LAMAR AVENUE, OVERLAND PARK,
KANSAS, USA

BLACK & VEATCH

DESIGNER: JDA DRAWN: BJR
CHECKED: DATE

PROJECT: SHANNON LNG LIMITED
SHANNON TECHNOLOGY AND ENERGY PARK (STEP)
DRAWING NUMBER: 198291-1STU-S3302B
AREA: POTABLE WATER LAYOUT - SITE PLAN - AREA 2
REV: 2

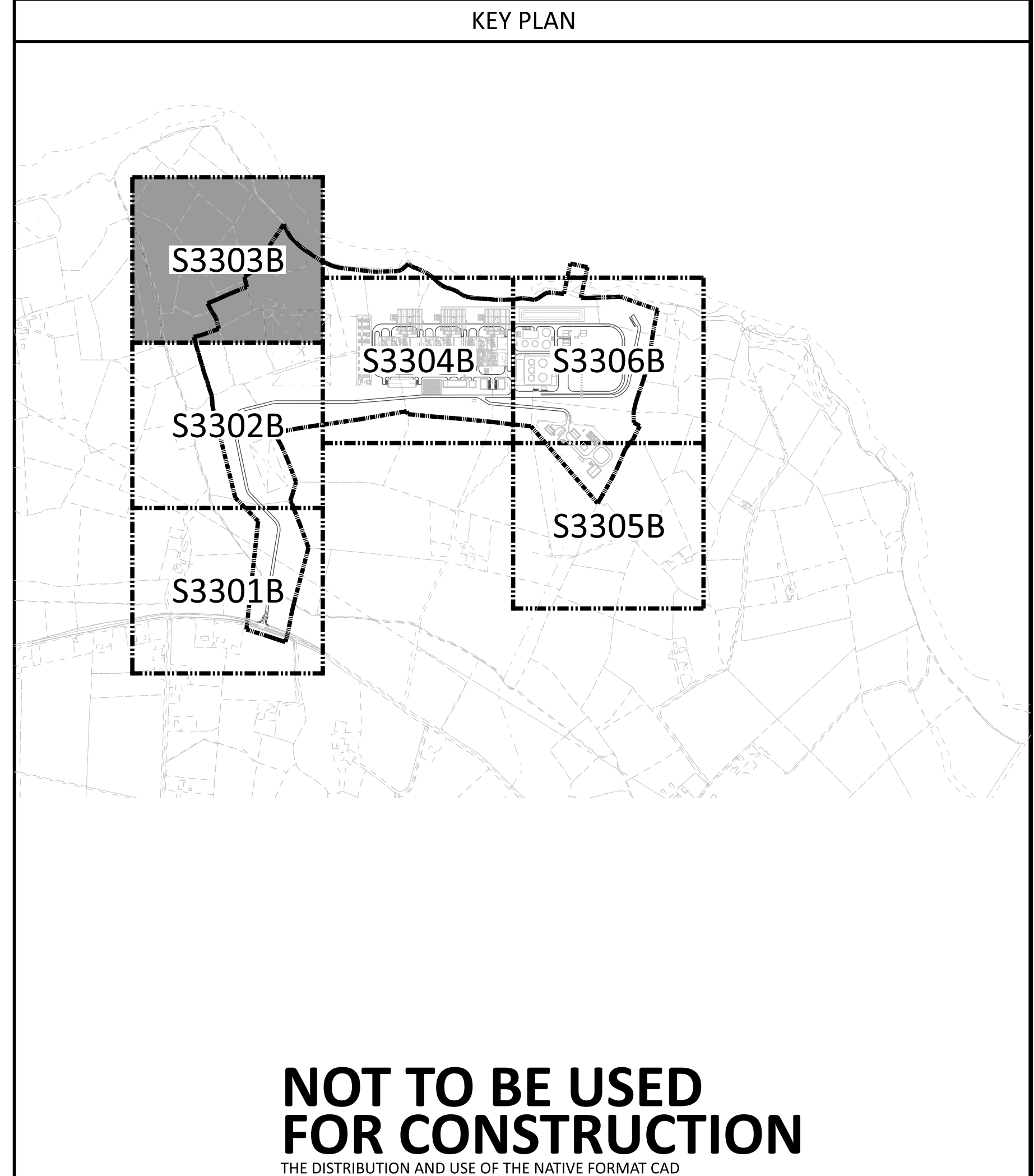


NOTES

1. FOR GENERAL NOTES SEE DRAWING 1STF-S33000.

LEGEND

	PROJECT (REDLINE) BOUNDARY
	SECURITY FENCE
	2.9 M HIGH CHAIN LINK SECURITY FENCE WITH BARBED WIRE
	4.0 M HIGH PALISADE AND ELECTRIC WIRE FENCE
	NEW CONTOUR
	EXISTING CONTOUR
	GRADE SURFACE FLOW INDICATOR
	NEW CULVERT
	PROPOSED STORMWATER PIPE AND CATCH BASIN
	HYDRANT
	FIRE WATER PIPING
	POTABLE WATER PIPING
	SANITARY PIPING
	PETROLEUM INTERCEPTOR
	PROPOSED SWALE
	ELEVATED FIREWATER MONITOR



NOT TO BE USED FOR CONSTRUCTION

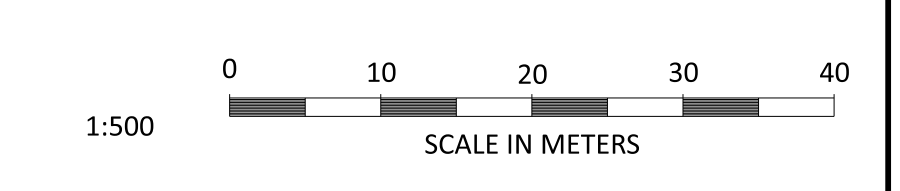
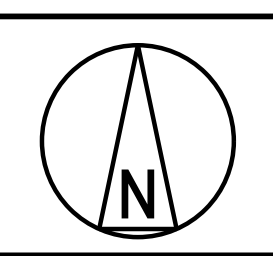
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MATCHLINE - FOR CONTINUATION SEE S3302B

MATCHLINE - FOR CONTINUATION SEE S3304B

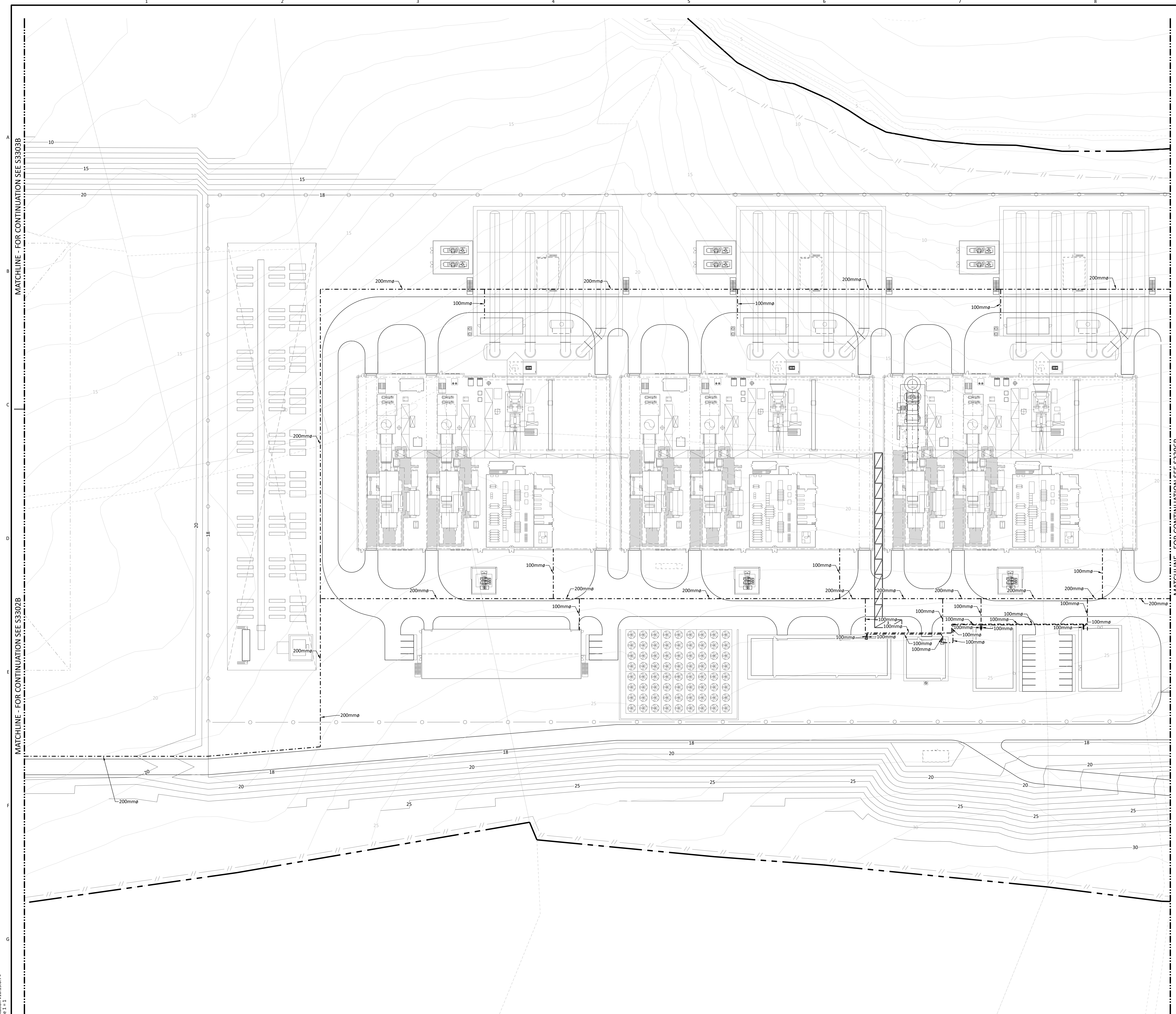
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1	18/JUN/2021	ISSUED FOR PLANNING	TAH	JDA		DAC	
0	30/APR/2021	ISSUED FOR PLANNING	BJR	JDA		DAC	



BLACK & VEATCH CORP HEADQUARTERS:
11401 LAMAR AVENUE, OVERLAND PARK,
KANSAS, USA

BLACK & VEATCH	
DESIGNER: JDA	DRAWN: BJR
CHECKED:	DATE:

SHANNON LNG LIMITED SHANNON TECHNOLOGY AND ENERGY PARK (STEP) POTABLE WATER LAYOUT - SITE PLAN - AREA 3		PROJECT 198291-1STU-S3303B	DRAWING NUMBER 198291-1STU-S3303B	REV 2
CODE	AREA			

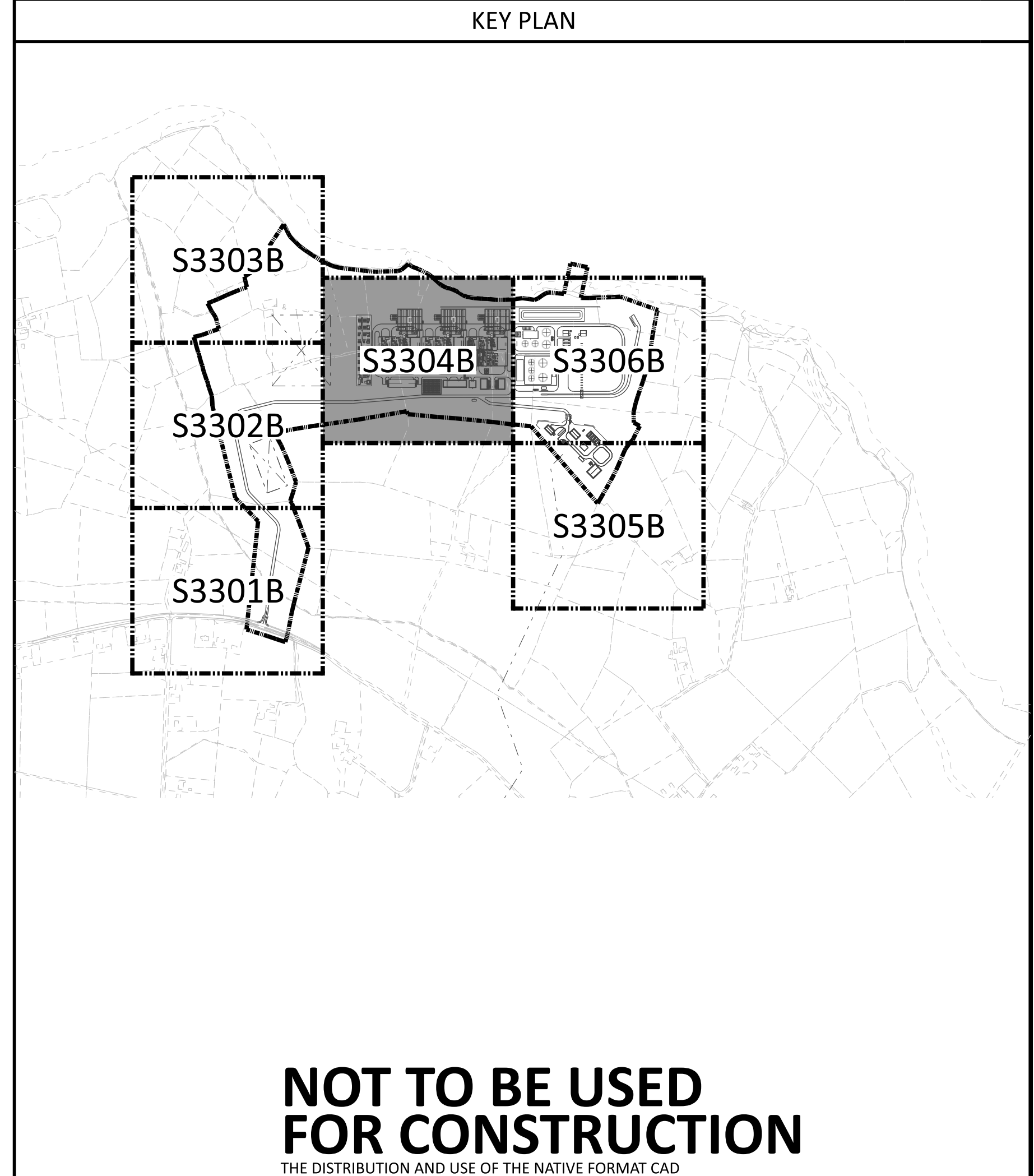


NOTES

1. FOR GENERAL NOTES SEE DRAWING 1STF-S3000.

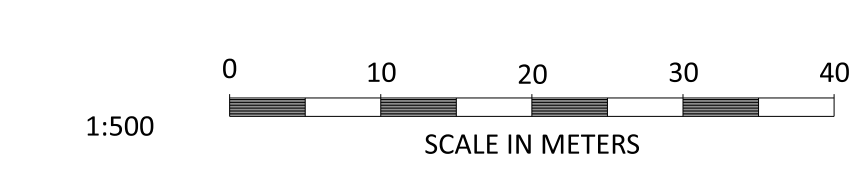
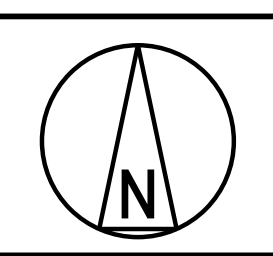
LEGEND

	PROJECT (REDLINE) BOUNDARY
	SECURITY FENCE
	2.9 M HIGH CHAIN LINK SECURITY FENCE WITH BARBED WIRE
	4.0 M HIGH PALISADE AND ELECTRIC WIRE FENCE
	NEW CONTOUR
	EXISTING CONTOUR
	GRADE SURFACE FLOW INDICATOR
	NEW CULVERT
	PROPOSED STORMWATER PIPE AND CATCH BASIN
	HYDRANT
	FIRE WATER PIPING
	POTABLE WATER PIPING
	SANITARY PIPING
	PETROLEUM INTERCEPTOR
	PROPOSED SWALE
	ELEVATED FIREWATER MONITOR



09/27/2023 10:55 AM Full Size 1=1
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NO	DATE	REVISIONS AND RECORD OF ISSUE	DRN	DES	CHK	PDE	APP
2	28/APR/2023	ISSUED FOR PLANNING	DSP	UNC	DAC		
1	18/JUN/2021	ISSUED FOR PLANNING	TAH	JDA	DAC		
0	30/APR/2021	ISSUED FOR PLANNING	BJR	JDA	DAC		



BLACK & VEATCH CORP HEADQUARTERS:
 11401 LAMAR AVENUE, OVERLAND PARK,
 KANSAS, USA

BLACK & VEATCH

DESIGNER: JDA DRAWN: BJR
 CHECKED: DATE

SHANNON LNG LIMITED SHANNON TECHNOLOGY AND ENERGY PARK (STEP) POTABLE WATER LAYOUT - SITE PLAN - AREA 4		PROJECT DRAWING NUMBER 198291-1STU-S3304B	REV 2
CODE	AREA		

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MATCHLINE - FOR CONTINUATION SEE S3306B

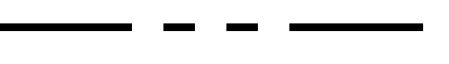
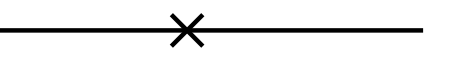
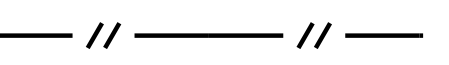
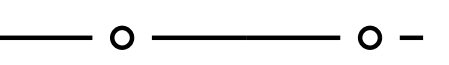
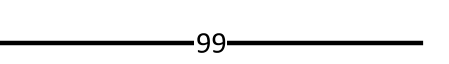

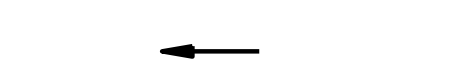









REFER TO GNI DRAWINGS FOR UNDERGROUND UTILITY LAYOUT IN AGI AREA

Culvert (Site on)

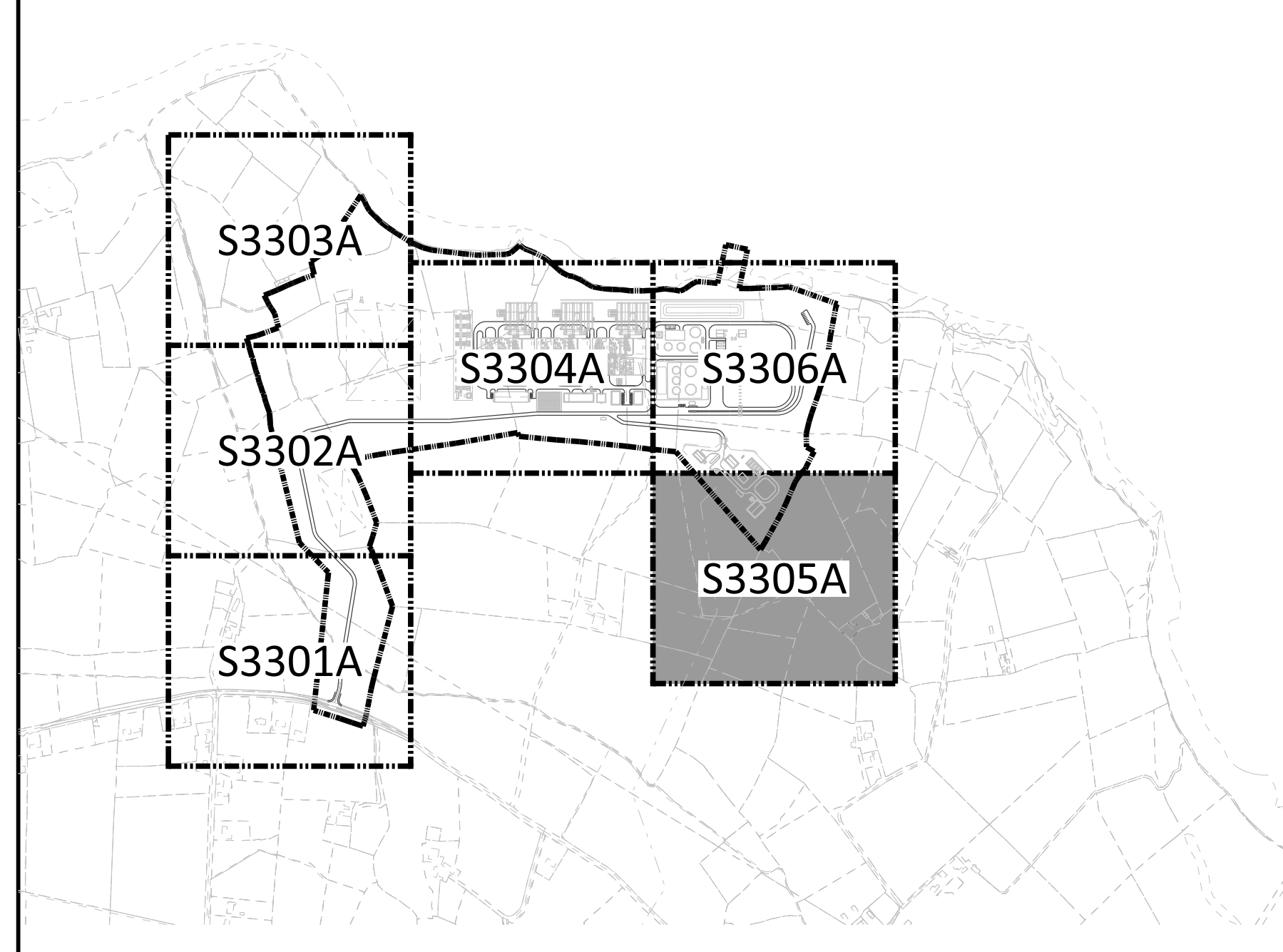
NOTES

1. FOR GENERAL NOTES SEE DRAWING 1STF-S3000.

LEGEND

-  PROJECT (REDLINE) BOUNDARY
-  SECURITY FENCE
-  2.9 M HIGH CHAIN LINK SECURITY FENCE WITH BARBED WIRE
-  4.0 M HIGH PALISADE AND ELECTRIC WIRE FENCE
-  NEW CONTOUR
-  EXISTING CONTOUR
-  GRADE SURFACE FLOW INDICATOR
-  NEW CULVERT
-  PROPOSED STORMWATER PIPE AND CATCH BASIN
-  HYDRANT
-  FIRE WATER PIPING
-  POTABLE WATER PIPING
-  SANITARY PIPING
-  PETROLEUM INTERCEPTOR
-  PROPOSED SWALE
-  ELEVATED FIREWATER MONITOR

KEY PLAN

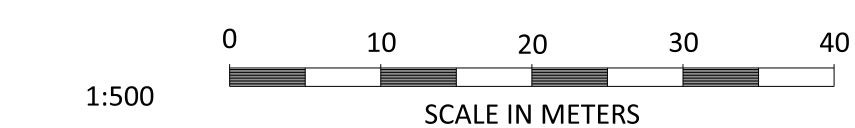
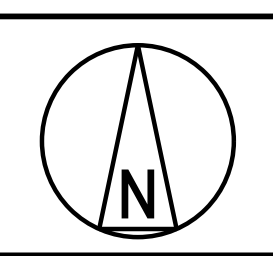


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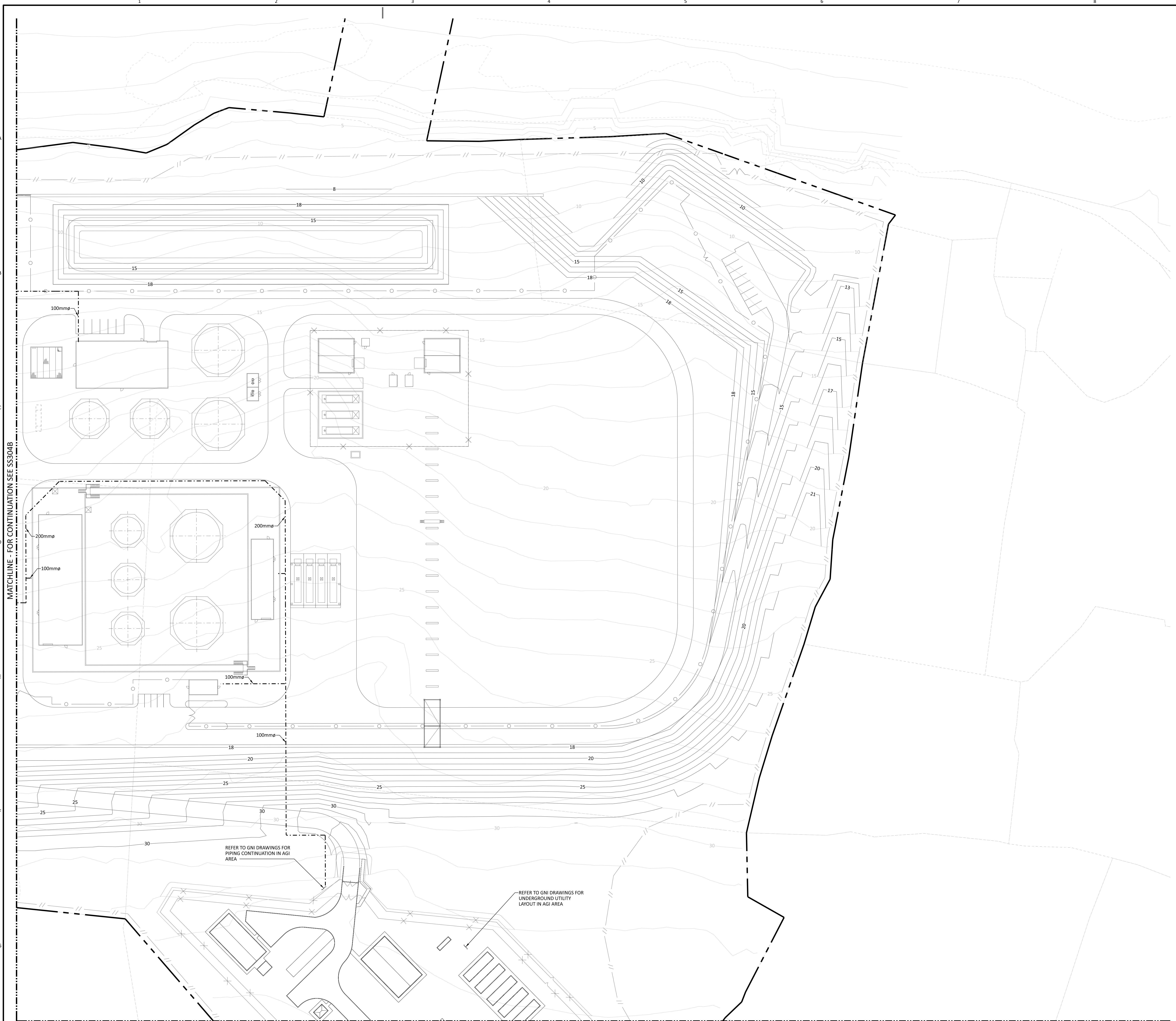


BLACK & VEATCH CORP HEADQUARTERS:
11401 LAMAR AVENUE, OVERLAND PARK,
KANSAS, USA

BLACK & VEATCH

DESIGNER: JDA DRAWN: BJR
CHECKED: DATE

SHANNON LNG LIMITED SHANNON TECHNOLOGY AND ENERGY PARK (STEP) POTABLE WATER LAYOUT - SITE PLAN - AREA 5		PROJECT 198291-1STU-S3305B	DRAWING NUMBER 2
CODE	AREA		



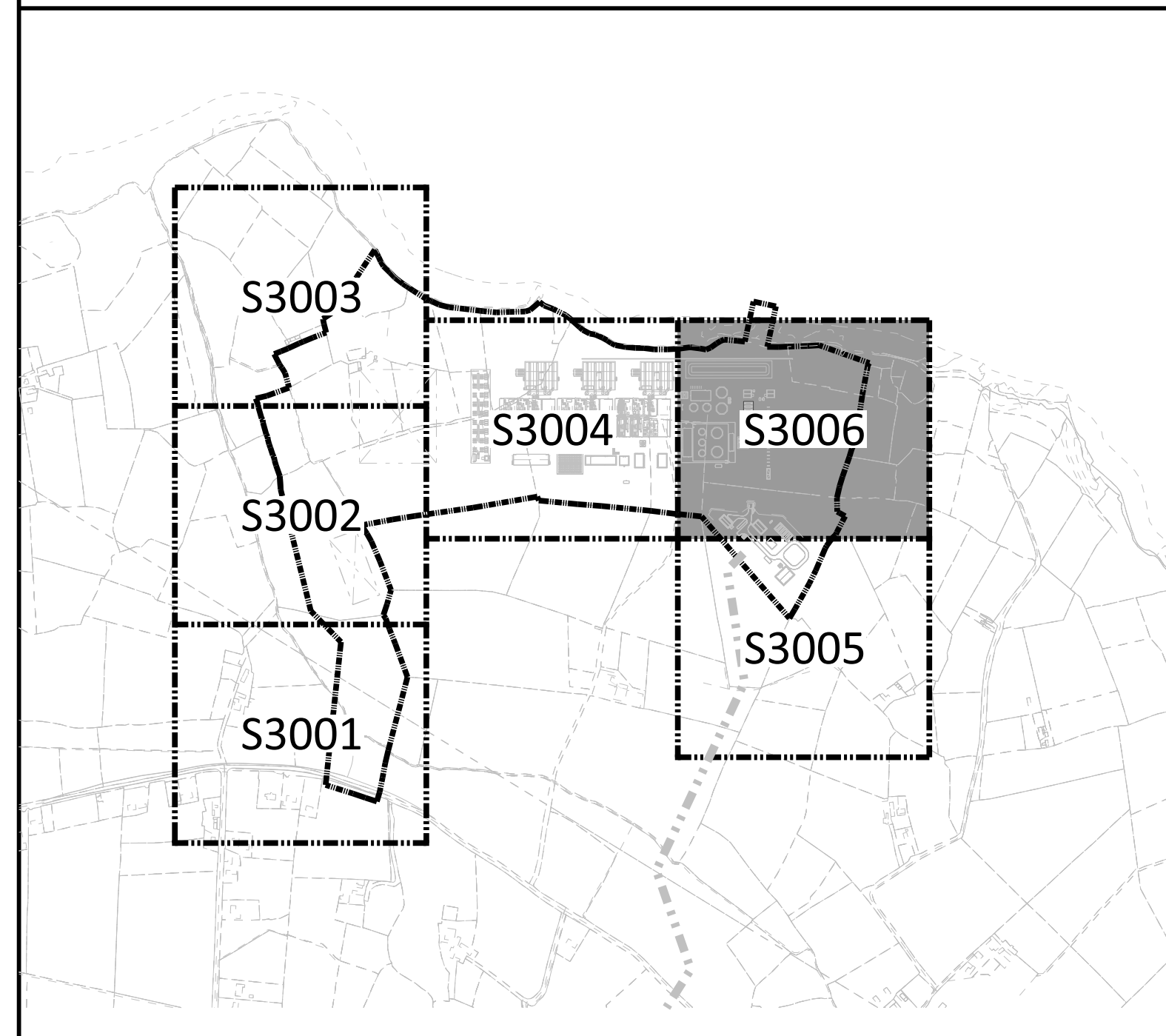
NOTES

1. FOR GENERAL NOTES SEE DRAWING 1STF-S3000.

LEGEND

- PROJECT (REDLINE) BOUNDARY
- SECURITY FENCE
- 2.9 M HIGH CHAIN LINK SECURITY FENCE WITH BARBED WIRE
- 4.0 M HIGH PALISADE AND ELECTRIC WIRE FENCE
- NEW CONTOUR
- EXISTING CONTOUR
- GRADE SURFACE FLOW INDICATOR
- NEW CULVERT
- PROPOSED STORMWATER PIPE AND CATCH BASIN
- HYDRANT
- FIRE WATER PIPING
- POTABLE WATER PIPING
- SANITARY PIPING
- PETROLEUM INTERCEPTOR
- PROPOSED SWALE
- ELEVATED FIREWATER MONITOR
- OILY DRAINAGE LINE
- FLOOR/RAIN SUMP

KEY PLAN



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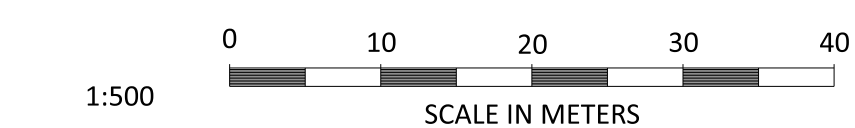
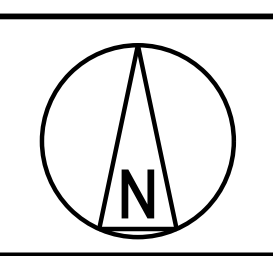
MATCHLINE - FOR CONTINUATION SEE S3305B

REFER TO GNI DRAWINGS FOR PIPING CONTINUATION IN AGI AREA

REFER TO GNI DRAWINGS FOR UNDERGROUND UTILITY LAYOUT IN AGI AREA

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1	18/JUN/2021	ISSUED FOR PLANNING	TAH	JDA	DAC		
0	30/APR/2021	ISSUED FOR PLANNING	BJR	JDA	DAC		



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11401 LAMAR AVENUE, OVERLAND PARK,
KANSAS, USA

BLACK & VEATCH

DESIGNER: JDA DRAWN: BJR
CHECKED: DATE

SHANNON LNG LIMITED
SHANNON TECHNOLOGY AND ENERGY PARK (STEP)
POTABLE WATER LAYOUT - SITE
PLAN - AREA G

PROJECT: 198291-1STU-S3306B
DRAWING NUMBER: 198291-1STU-S3306B
CODE: AREA

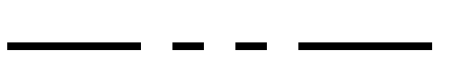
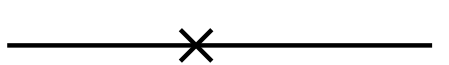
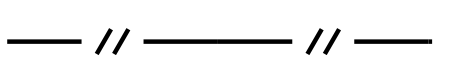
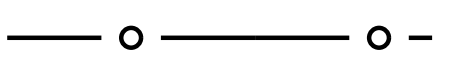
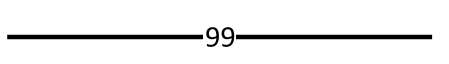

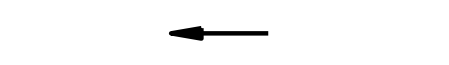
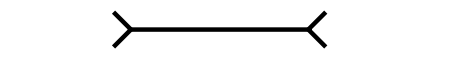


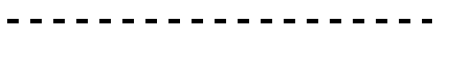
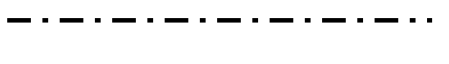
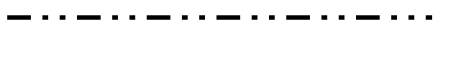
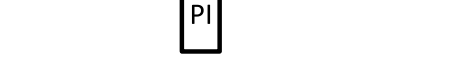
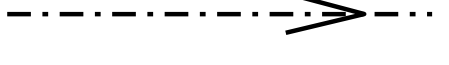

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MATCHLINE - FOR CONTINUATION SEE S3302C

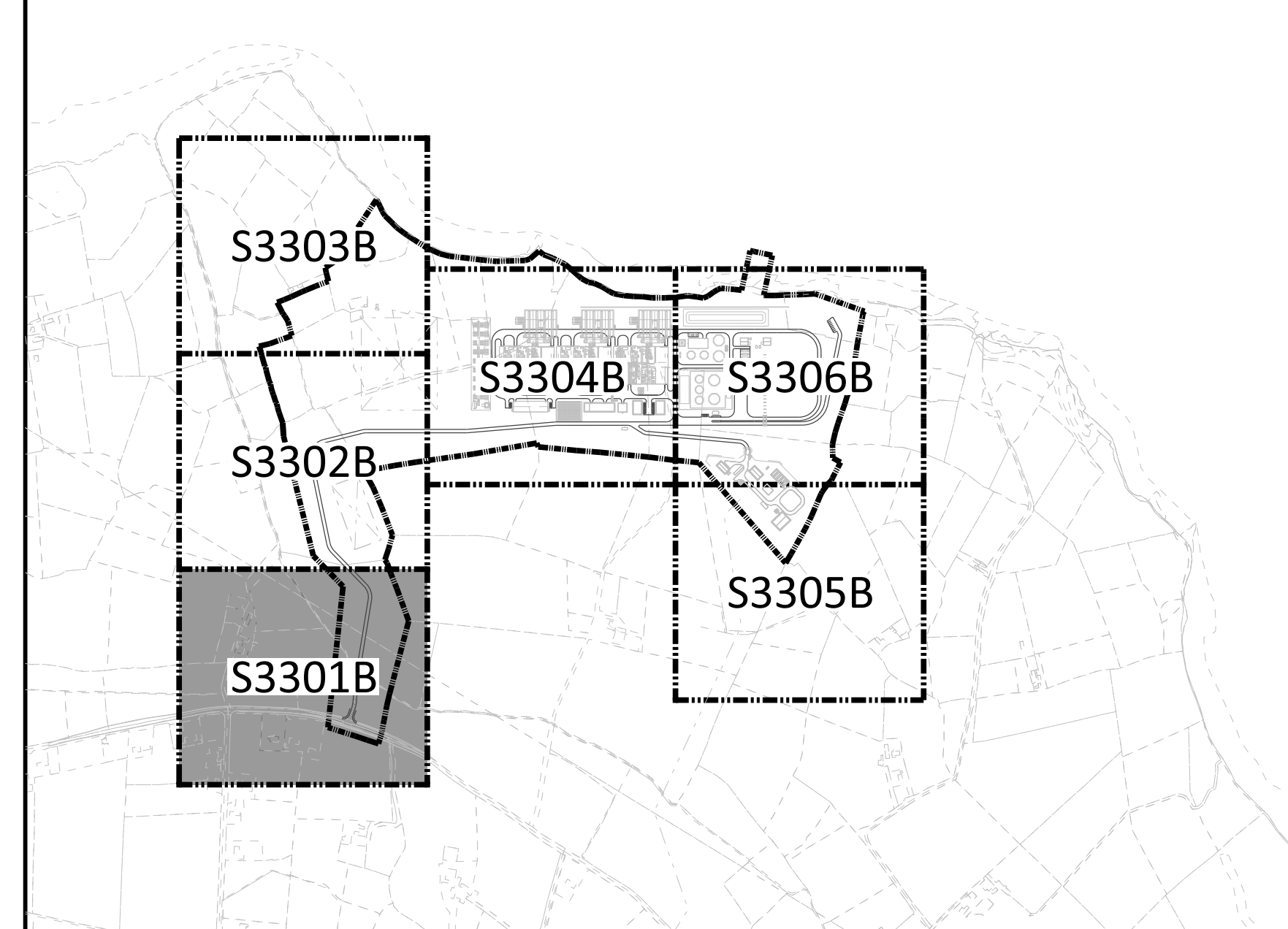
NOTES

1. FOR GENERAL NOTES SEE DRAWING 1STF-S3000.

LEGEND

-  PROJECT (REDLINE) BOUNDARY
-  SECURITY FENCE
-  2.9 M HIGH CHAIN LINK SECURITY FENCE WITH BARBED WIRE
-  4.0 M HIGH PALISADE AND ELECTRIC WIRE FENCE
-  NEW CONTOUR
-  EXISTING CONTOUR
-  GRADE SURFACE FLOW INDICATOR
-  NEW CULVERT
-  PROPOSED STORMWATER PIPE AND CATCH BASIN
-  HYDRANT
-  FIRE WATER PIPING
-  POTABLE WATER PIPING
-  SANITARY PIPING
-  PETROLEUM INTERCEPTOR
-  PROPOSED SWALE
-  ELEVATED FIREWATER MONITOR

KEY PLAN

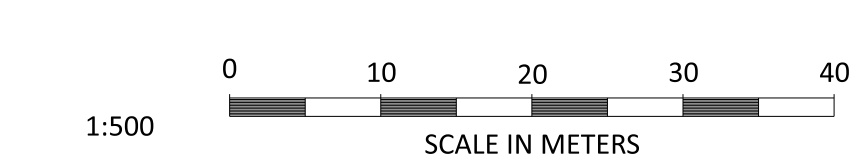
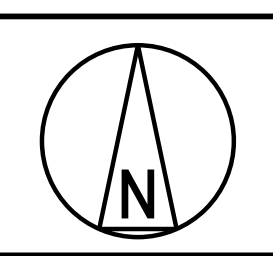


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1	18/JUN/2021	ISSUED FOR PLANNING	TAH	JDA	DAC		
0	30/APR/2021	ISSUED FOR PLANNING	BJR	JDA	DAC		



BLACK & VEATCH CORP HEADQUARTERS:
11401 LAMAR AVENUE, OVERLAND PARK,
KANSAS, USA

BLACK & VEATCH

DESIGNER: JDA DRAWN: BJR
CHECKED: DATE

PROJECT: SHANNON LNG LIMITED
DRAWING NUMBER: 198291-1STU-S3301C
REV: 2

CODE: 198291-1STU-S3301C
AREA:

SHANNON TECHNOLOGY AND ENERGY PARK (STEP)
FIRE WATER LAYOUT - SITE
PLAN - AREA 1

MATCHLINE - FOR CONTINUATION SEE S3303C

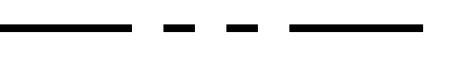
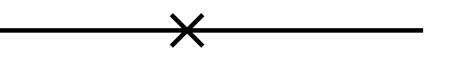
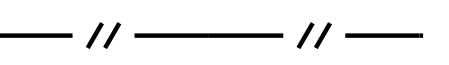
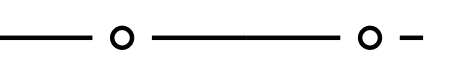
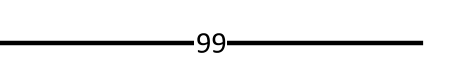

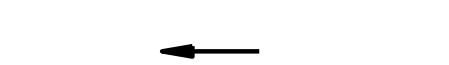









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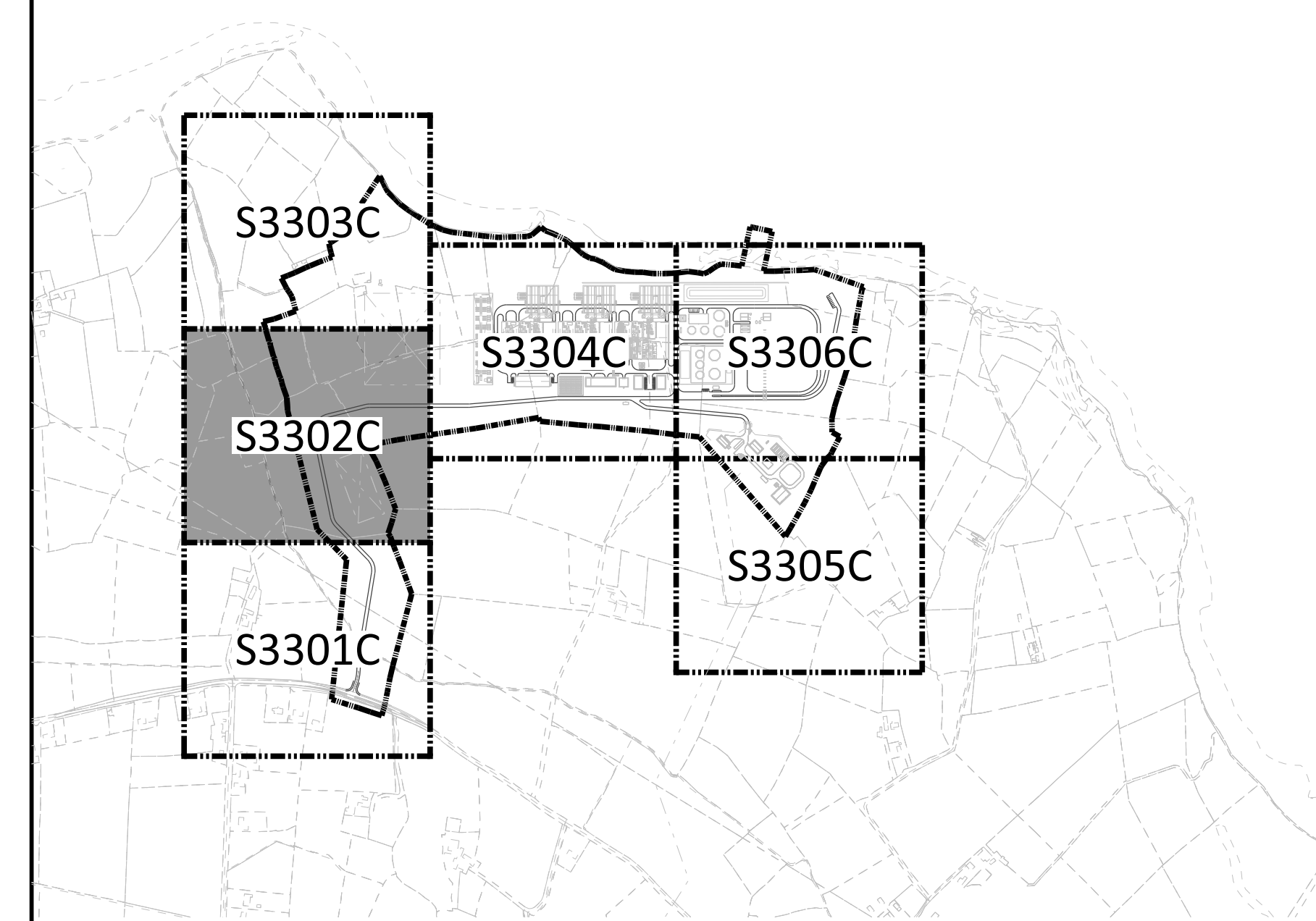
NOTES

1. FOR GENERAL NOTES SEE DRAWING 15TF-S3000.

LEGEND

-  PROJECT (REDLINE) BOUNDARY
-  SECURITY FENCE
-  2.9 M HIGH CHAIN LINK SECURITY FENCE WITH BARBED WIRE
-  4.0 M HIGH PALISADE AND ELECTRIC WIRE FENCE
-  NEW CONTOUR
-  EXISTING CONTOUR
-  GRADE SURFACE FLOW INDICATOR
-  NEW CULVERT
-  PROPOSED STORMWATER PIPE AND CATCH BASIN
-  HYDRANT
-  FIRE WATER PIPING
-  POTABLE WATER PIPING
-  SANITARY PIPING
-  PETROLEUM INTERCEPTOR
-  PROPOSED SWALE
-  ELEVATED FIREWATER MONITOR

KEY PLAN

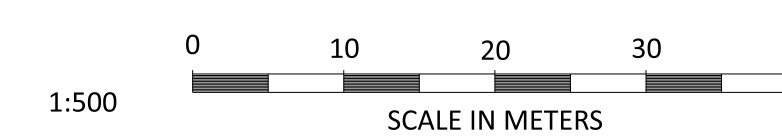
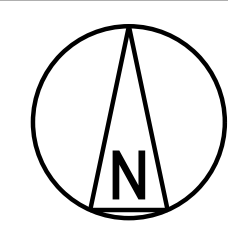


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1	18/JUN/2021	ISSUED FOR PLANNING	TAM	JDA		DAC	
0	30/APR/2021	ISSUED FOR PLANNING	BJR	JDA		DAC	



BLACK & VEATCH CORP HEADQUARTERS:
11401 LAMAR AVENUE, OVERLAND PARK,
KANSAS, USA

BLACK & VEATCH

DESIGNER: JDA DRAWN: BJR
CHECKED: DATE

SHANNON LNG LIMITED SHANNON TECHNOLOGY AND ENERGY PARK (STEP) FIRE WATER LAYOUT - SITE PLAN - AREA 2		PROJECT 198291-1STU-S3302C	DRAWING NUMBER 2
CODE	AREA		

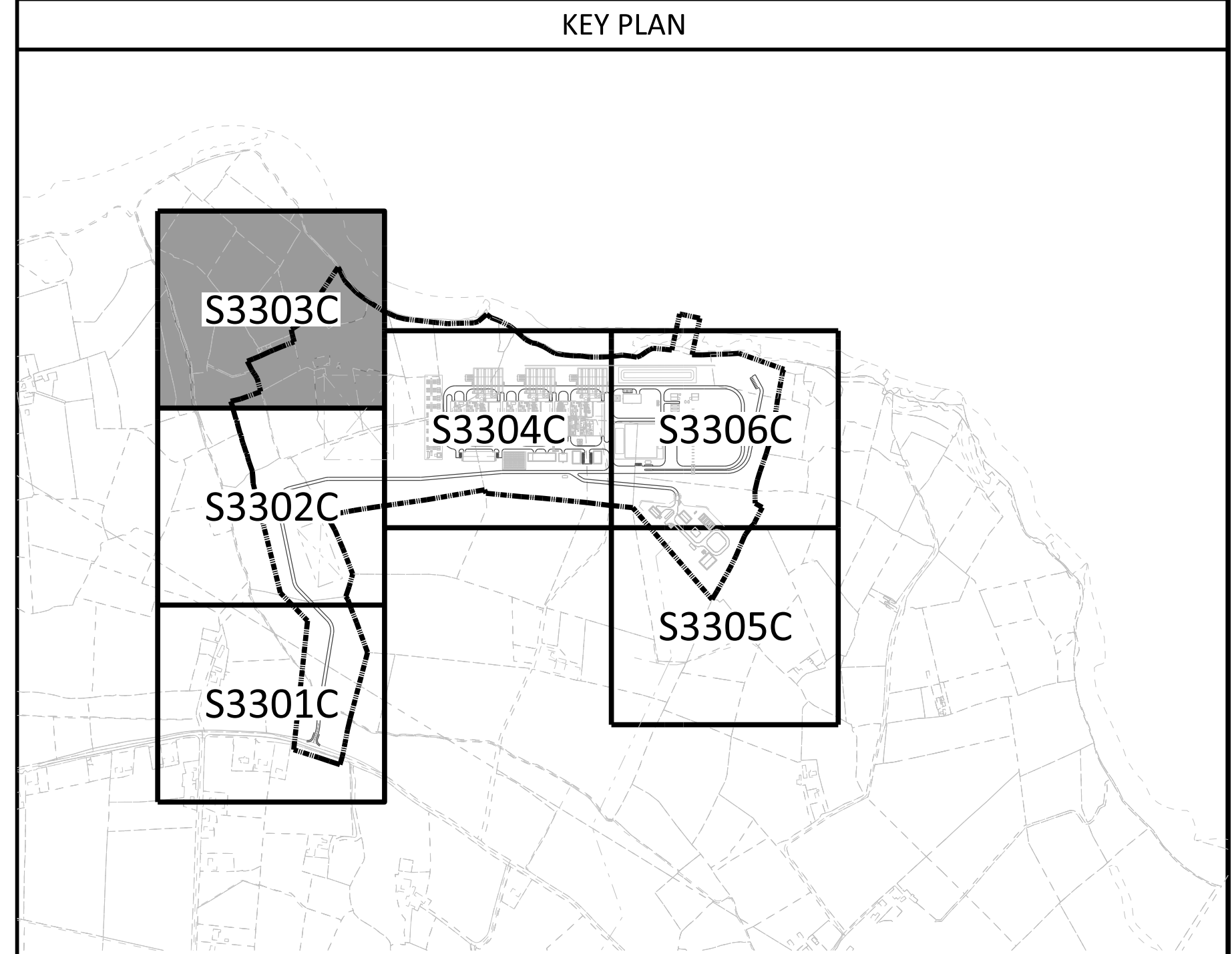


NOTES

1. FOR GENERAL NOTES SEE DRAWING 1STF-S33000.

LEGEND

	PROJECT (REDLINE) BOUNDARY
	SECURITY FENCE
	2.9 M HIGH CHAIN LINK SECURITY FENCE WITH BARBED WIRE
	4.0 M HIGH PALISADE AND ELECTRIC WIRE FENCE
	NEW CONTOUR
	EXISTING CONTOUR
	GRADE SURFACE FLOW INDICATOR
	NEW CULVERT
	PROPOSED STORMWATER PIPE AND CATCH BASIN
	HYDRANT
	FIRE WATER PIPING
	POTABLE WATER PIPING
	SANITARY PIPING
	PETROLEUM INTERCEPTOR
	PROPOSED SWALE
	ELEVATED FIREWATER MONITOR



NOT TO BE USED FOR CONSTRUCTION

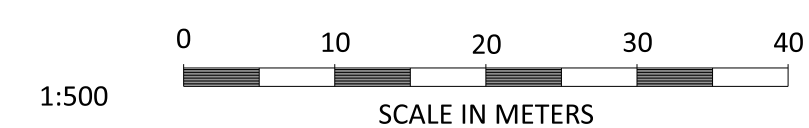
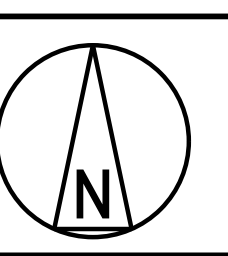
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MATCHLINE - FOR CONTINUATION SEE S3302C

MATCHLINE - FOR CONTINUATION SEE S3304C

NO	DATE	REVISIONS AND RECORD OF ISSUE	DRN	DES	CHK	PDE	APP
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1	18/JUN/2021	ISSUED FOR PLANNING	TAH	JDA		DAC	
0	30/APR/2021	ISSUED FOR PLANNING	BJR	JDA		DAC	



















BLACK & VEATCH CORP HEADQUARTERS:
11401 LAMAR AVENUE, OVERLAND PARK,
KANSAS, USA

	BLACK & VEATCH
DESIGNER	JDA
DRAWN	BJR
CHECKED	
DATE	

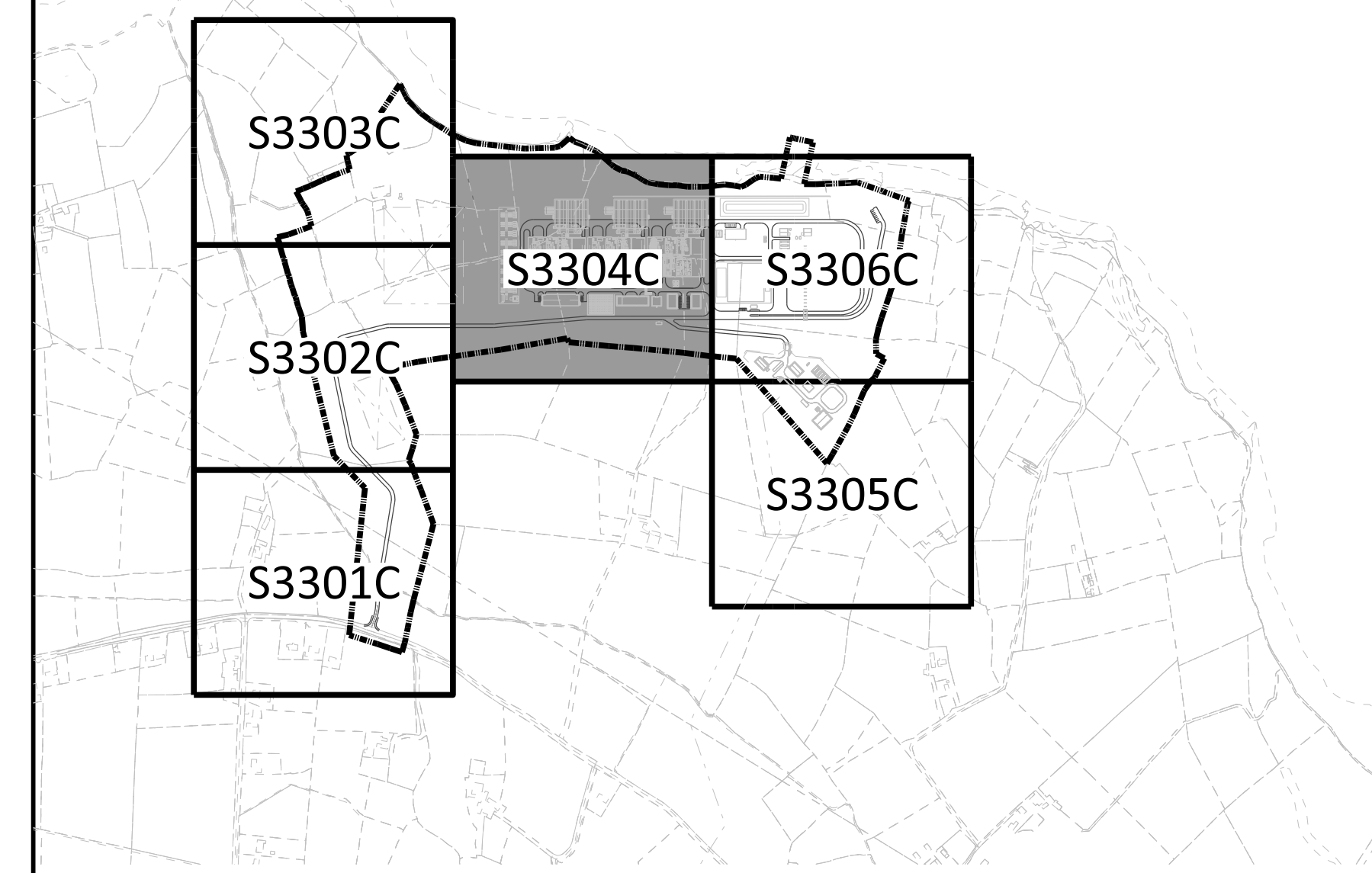
SHANNON LNG LIMITED		PROJECT	DRAWING NUMBER	REV
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FIRE WATER LAYOUT - SITE PLAN - AREA 3		CODE		
		AREA		

1. FOR GENERAL NOTES SEE DRAWING 15TF-S3000.

LEGEND

-  PROJECT (REDLINE) BOUNDARY
-  SECURITY FENCE
-  2.9 M HIGH CHAIN LINK SECURITY FENCE WITH BARBED WIRE
-  4.0 M HIGH PALISADE AND ELECTRIC WIRE FENCE
-  NEW CONTOUR
-  EXISTING CONTOUR
-  GRADE SURFACE FLOW INDICATOR
-  NEW CUIVERT
-  PROPOSED STORMWATER PIPE AND CATCH BASIN
-  HYDRANT
-  FIRE WATER PIPING
-  POTABLE WATER PIPING
-  SANITARY PIPING
-  PETROLEUM INTERCEPTOR
-  PROPOSED SWALE
-  ELEVATED FIREWATER MONITOR

KEY PLAN



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SHANNON LNG LIMITED SHANNON TECHNOLOGY AND ENERGY PARK (STEP) FIRE WATER LAYOUT - SITE PLAN - AREA 4		PROJECT 198291-1STU-S3304C	DRAWING NUMBER 2
DESIGNER	JDA	DRAWN	BJR
CHECKED	JDA	DATE	
AREA			

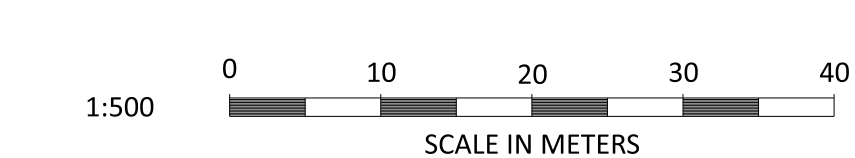
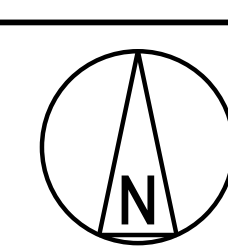
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MATCHLINE - FOR CONTINUATION SEE S3302C

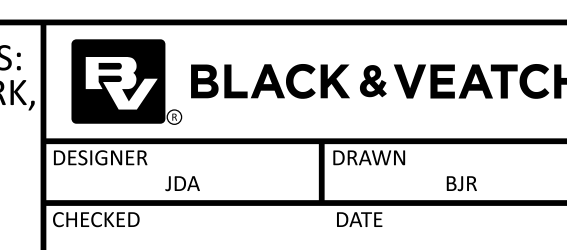
MATCHLINE - FOR CONTINUATION SEE S3306C

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1	18/JUN/2021	ISSUED FOR PLANNING	TAH	JDA	DAC		
0	30/APR/2021	ISSUED FOR PLANNING	BJR	JDA	DAC		



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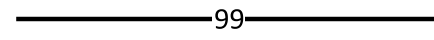


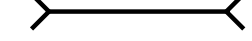










MATCHLINE - FOR CONTINUATION SEE S3306C

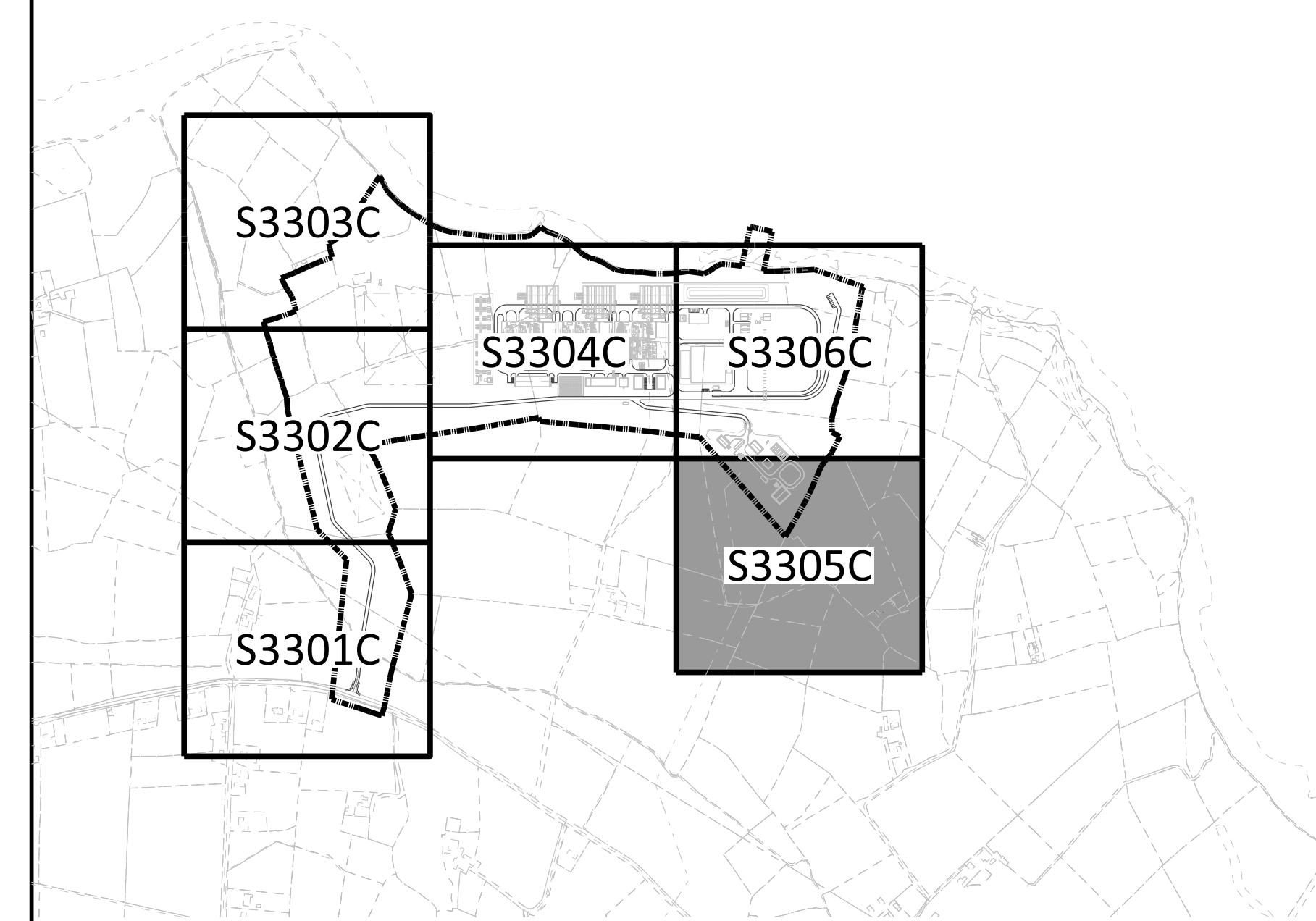
NOTES

1. FOR GENERAL NOTES SEE DRAWING 1STF-S3000.

LEGEND

-  PROJECT (REDLINE) BOUNDARY
-  SECURITY FENCE
-  2.9 M HIGH CHAIN LINK SECURITY FENCE WITH BARBED WIRE
-  4.0 M HIGH PALISADE AND ELECTRIC WIRE FENCE
-  NEW CONTOUR
-  EXISTING CONTOUR
-  GRADE SURFACE FLOW INDICATOR
-  NEW CULVERT
-  PROPOSED STORMWATER PIPE AND CATCH BASIN
-  HYDRANT
-  FIRE WATER PIPING
-  POTABLE WATER PIPING
-  SANITARY PIPING
-  PETROLEUM INTERCEPTOR
-  PROPOSED SWALE
-  ELEVATED FIREWATER MONITOR

KEY PLAN

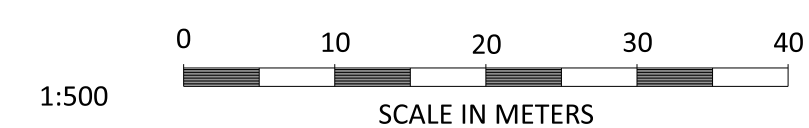
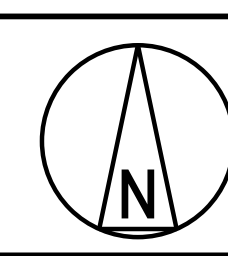


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1	18/JUN/2021	ISSUED FOR PLANNING		TAH	JDA		DAC
0	30/APR/2021	ISSUED FOR PLANNING		BJR	JDA		DAC



BLACK & VEATCH CORP HEADQUARTERS:
11401 LAMAR AVENUE, OVERLAND PARK,
KANSAS, USA

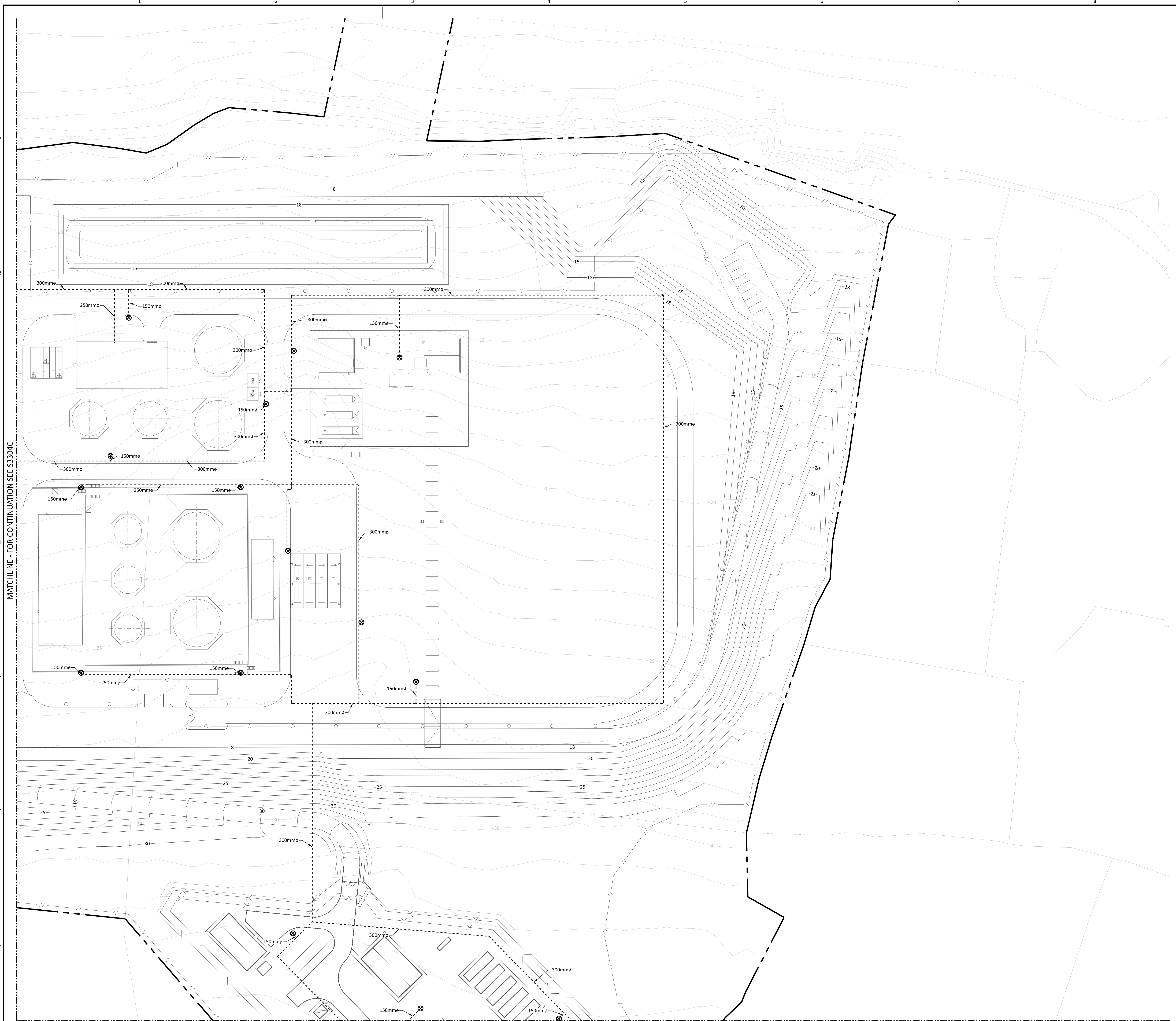
BLACK & VEATCH

DESIGNER: JDA DRAWN: BJR
CHECKED: DATE

PROJECT: SHANNON LNG LIMITED
SHANNON TECHNOLOGY AND ENERGY PARK (STEP)
FIRE WATER LAYOUT - SITE
PLAN - AREA 5

DRAWING NUMBER: 198291-1STU-S3305C
CODE: AREA

REV: 2



MATCHLINE - FOR CONTINUATION SEE S3304C

MATCHLINE - FOR CONTINUATION SEE S3305C

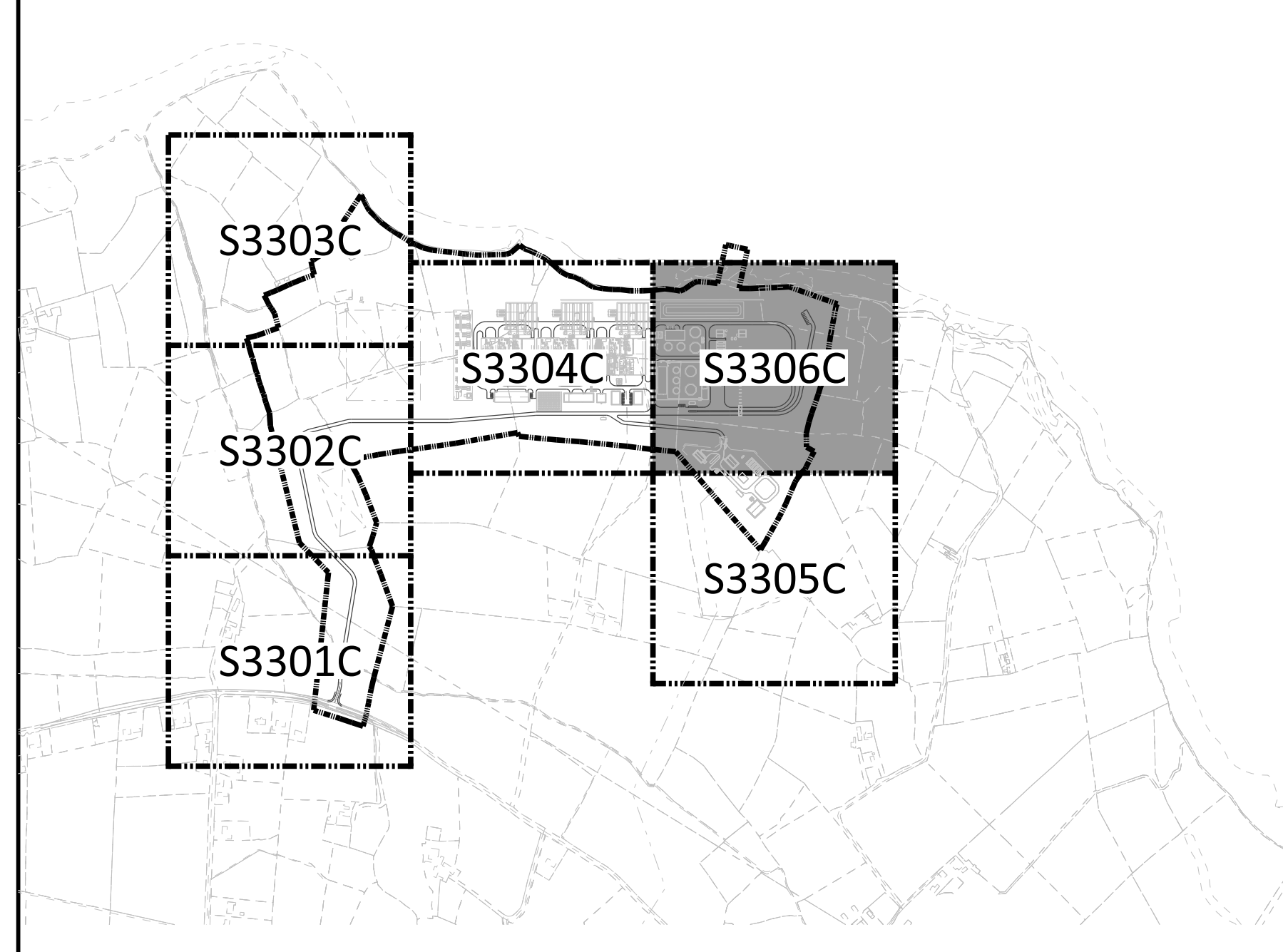
NOTES

1. FOR GENERAL NOTES SEE DRAWING 1STF-S3000.

LEGEND

- PROJECT (REDLINE) BOUNDARY
- SECURITY FENCE
- 2.9 M HIGH CHAIN LINK SECURITY FENCE WITH BARBED WIRE
- 4.0 M HIGH PALISADE AND ELECTRIC WIRE FENCE
- NEW CONTOUR
- EXISTING CONTOUR
- GRADE SURFACE FLOW INDICATOR
- NEW CUIVERT
- PROPOSED STORMWATER PIPE AND CATCH BASIN
- HYDRANT
- FIRE WATER PIPING
- POTABLE WATER PIPING
- SANITARY PIPING
- PETROLEUM INTERCEPTOR
- PROPOSED SWALE
- ELEVATED FIREWATER MONITOR
- OILY DRAINAGE LINE
- FLOOR/RAIN SUMP

KEY PLAN

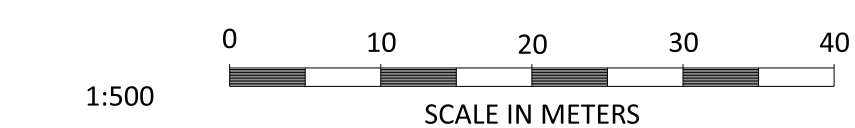
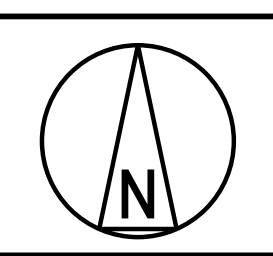


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KANSAS, USA

BLACK & VEATCH

DESIGNER: JDA DRAWN: BJR
CHECKED: DATE

SHANNON LNG LIMITED
SHANNON TECHNOLOGY AND ENERGY PARK (STEP)
FIRE WATER LAYOUT - SITE
PLAN - AREA 6






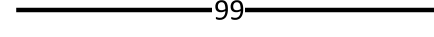










PROJECT	DRAWING NUMBER	REV
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CODE	AREA	

MATCHLINE - FOR CONTINUATION SEE S3402

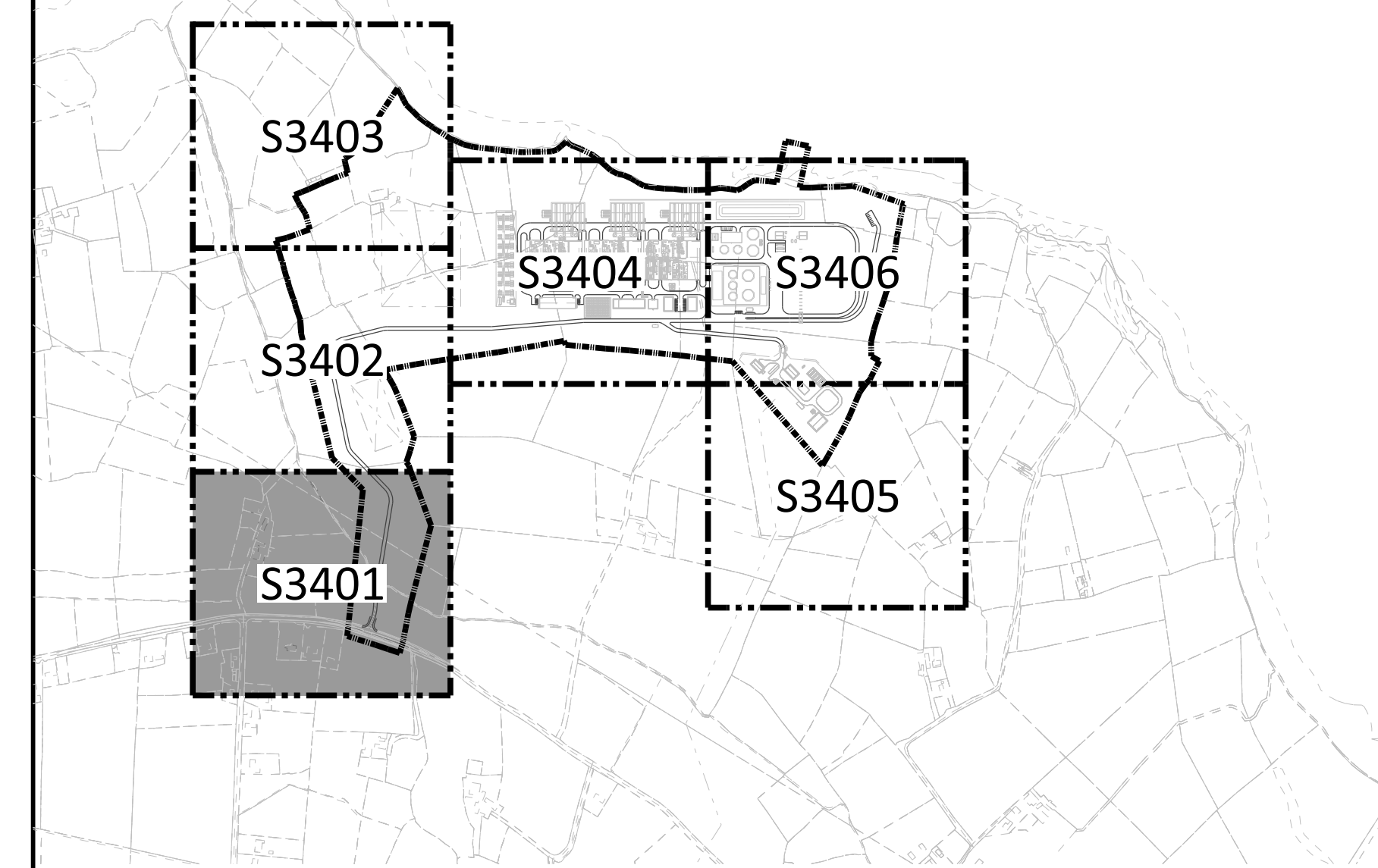
NOTES

- FOR GENERAL NOTES SEE DRAWING 15TF-S3000.
- FOR TYPICAL ROAD AND PARKING DETAILS SEE 15TF-S3910.

LEGEND

-  PROJECT (REDLINE) BOUNDARY
-  SECURITY FENCE
-  2.9 M HIGH CHAIN LINK SECURITY FENCE WITH BARBED WIRE
-  4.0 M HIGH PALISADE AND ELECTRIC WIRE FENCE
-  NEW CONTOUR
-  EXISTING CONTOUR
-  GRADE SURFACE FLOW INDICATOR
-  NEW CULVERT
-  PROPOSED STORMWATER PIPE AND CATCH BASIN
-  HYDRANT
-  FIRE WATER PIPING
-  POTABLE WATER PIPING
-  SANITARY PIPING
-  PETROLEUM INTERCEPTOR
-  PROPOSED SWALE
-  ELEVATED FIREWATER MONITOR

KEY PLAN

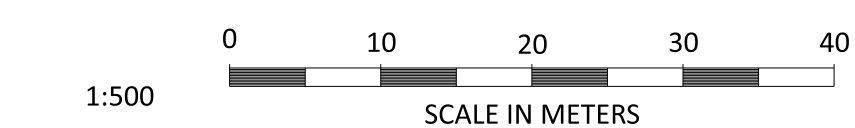
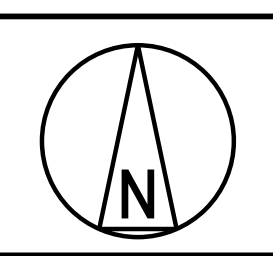


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11401 LAMAR AVENUE, OVERLAND PARK,
KANSAS, USA

BLACK & VEATCH

DESIGNER: JDA DRAWN: BJR
CHECKED: DATE

PROJECT: SHANNON LNG LIMITED
DRAWING NUMBER: 198291-15TA-S3401
REV: 2

CODE: 198291-15TA-S3401
AREA: SHANNON TECHNOLOGY AND ENERGY PARK (STEP)
ROADS AND PARKING - SITE
PLAN - AREA 1

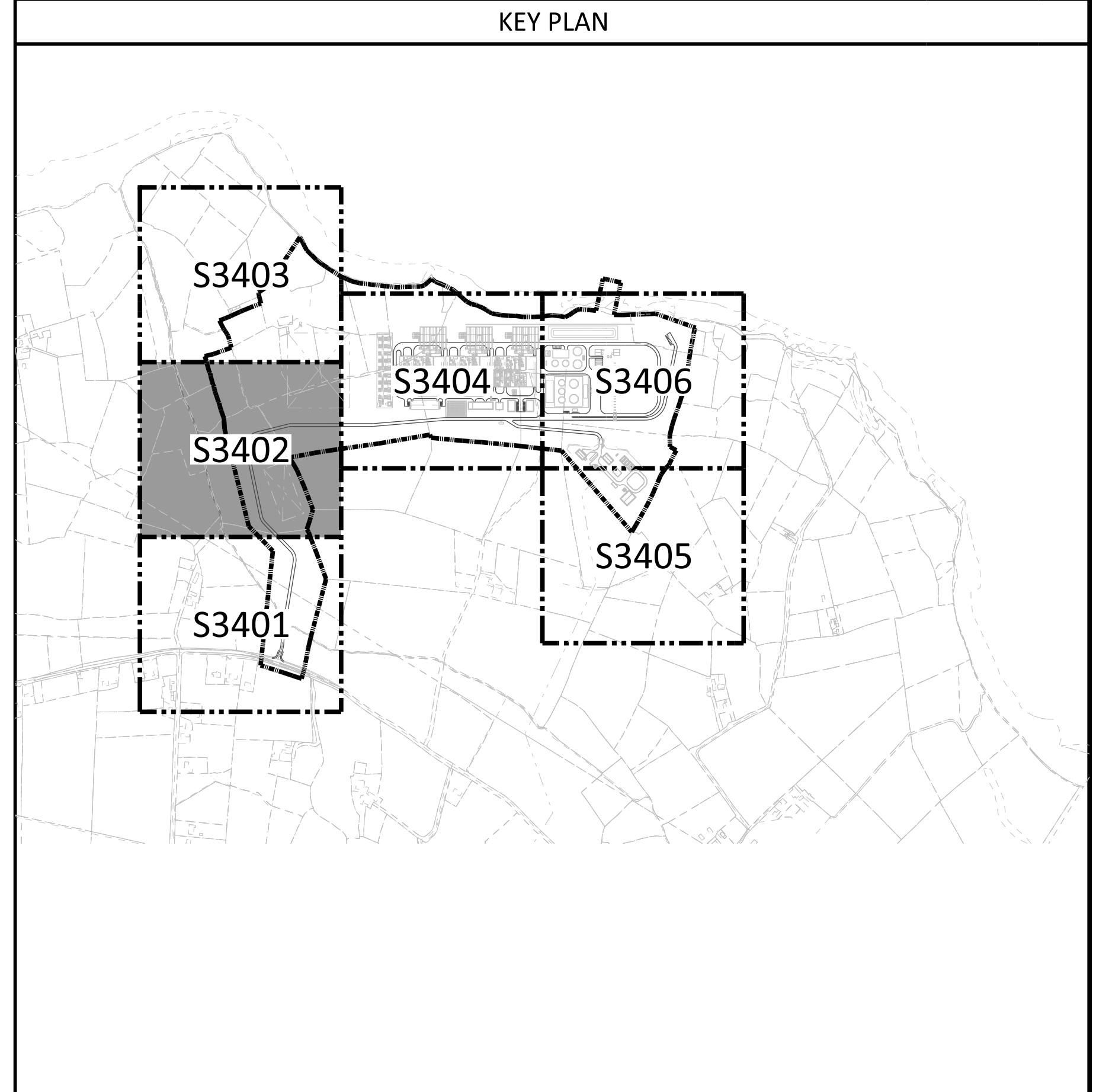


NOTES

- FOR GENERAL NOTES SEE DRAWING 15TF-S3000.
- FOR TYPICAL ROAD AND PARKING DETAILS SEE 15TF-S3910.

LEGEND

	PROJECT (REDLINE) BOUNDARY
	SECURITY FENCE
	2.9 M HIGH CHAIN LINK SECURITY FENCE WITH BARBED WIRE
	4.0 M HIGH PALISADE AND ELECTRIC WIRE FENCE
	NEW CONTOUR
	EXISTING CONTOUR
	GRADE SURFACE FLOW INDICATOR
	NEW CULVERT
	PROPOSED STORMWATER PIPE AND CATCH BASIN
	HYDRANT
	FIRE WATER PIPING
	POTABLE WATER PIPING
	SANITARY PIPING
	PETROLEUM INTERCEPTOR
	PROPOSED SWALE
	ELEVATED FIREWATER MONITOR



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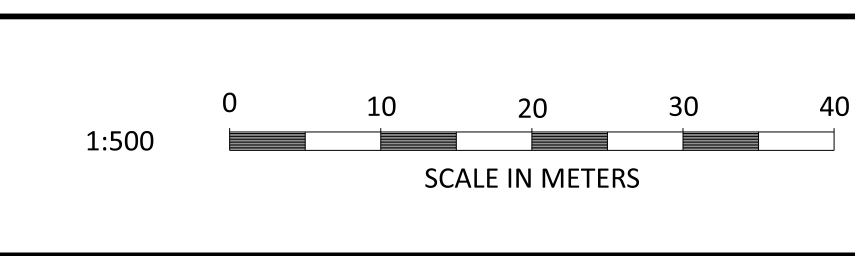
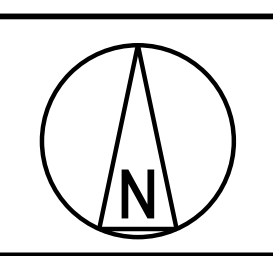
SHANNON LNG LIMITED
 SHANNON TECHNOLOGY AND ENERGY PARK (STEP)
 ROADS AND PARKING - SITE
 PLAN - AREA 2

PROJECT: 198291-15TA-S3402
 DRAWING NUMBER: 2

198291-15TA-S3402
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NO	DATE	REVISIONS AND RECORD OF ISSUE	DRN	DES	CHK	PDE	APP
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 11401 LAMAR AVENUE, OVERLAND PARK,
 KANSAS, USA

BLACK & VEATCH

DESIGNER: JDA DRAWN: BJR
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REV 2

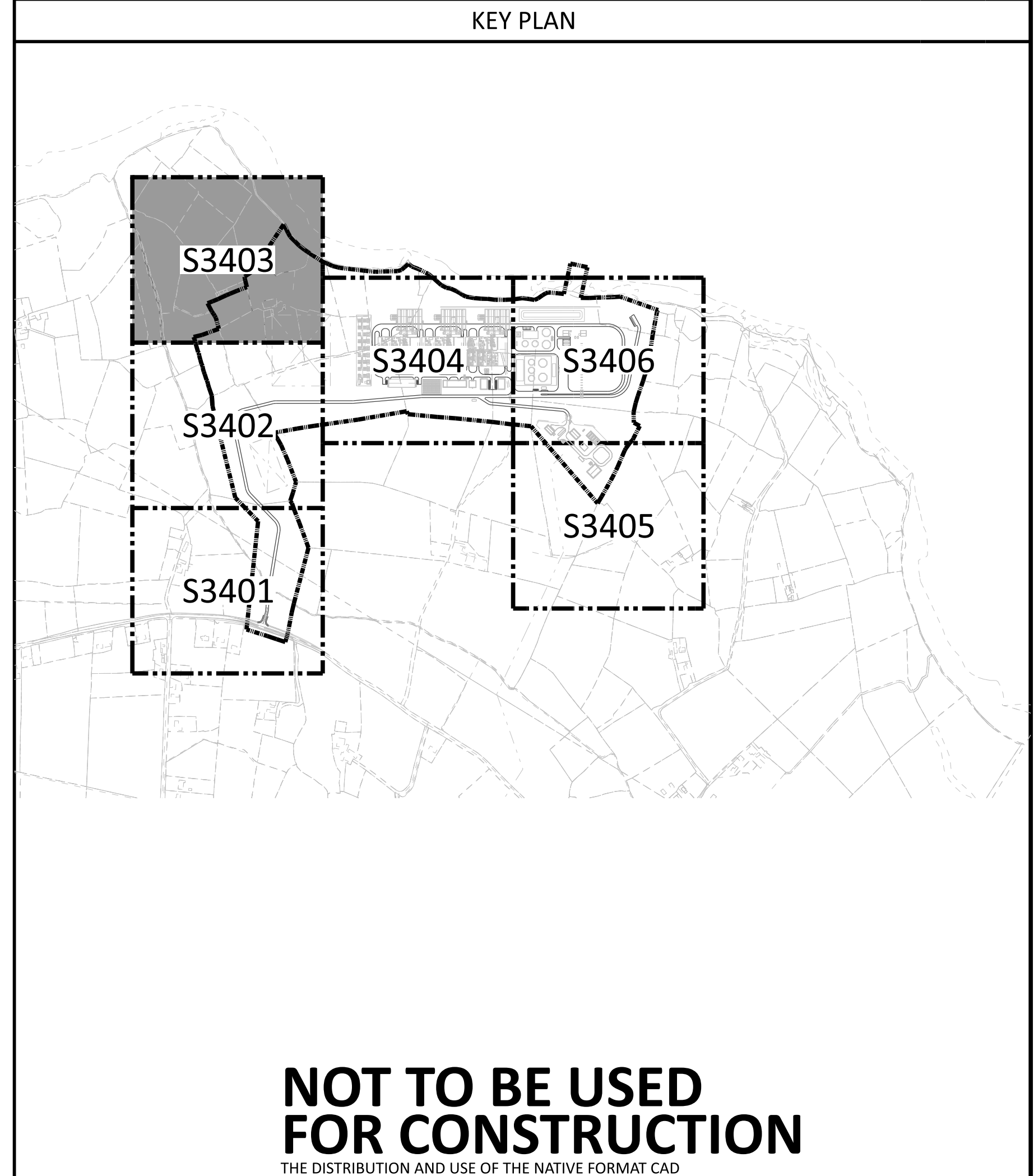


NOTES

- FOR GENERAL NOTES SEE DRAWING 15TF-S3000.
- FOR TYPICAL ROAD AND PARKING DETAILS SEE 15TF-S3910.

LEGEND

	PROJECT (REDLINE) BOUNDARY
	SECURITY FENCE
	2.9 M HIGH CHAIN LINK SECURITY FENCE WITH BARBED WIRE
	4.0 M HIGH PALISADE AND ELECTRIC WIRE FENCE
	NEW CONTOUR
	EXISTING CONTOUR
	GRADE SURFACE FLOW INDICATOR
	NEW CULVERT
	PROPOSED STORMWATER PIPE AND CATCH BASIN
	HYDRANT
	FIRE WATER PIPING
	POTABLE WATER PIPING
	SANITARY PIPING
	PETROLEUM INTERCEPTOR
	PROPOSED SWALE
	ELEVATED FIREWATER MONITOR



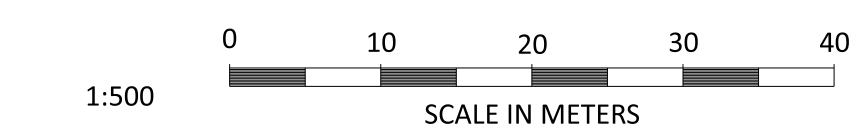
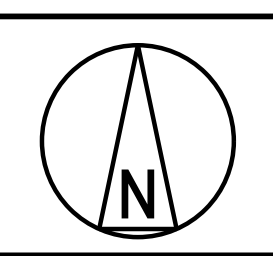
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MATCHLINE - FOR CONTINUATION SEE S3404

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NO	DATE	REVISIONS AND RECORD OF ISSUE	DRN	DES	CHK	PDE	APP
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1	18/JUN/2021	ISSUED FOR PLANNING	TAH	JDA		DAC	
0	30/APR/2021	ISSUED FOR PLANNING	BJR	JDA		DAC	



BLACK & VEATCH CORP HEADQUARTERS:
11401 LAMAR AVENUE, OVERLAND PARK,
KANSAS, USA

	BLACK & VEATCH
DESIGNER	JDA
DRAWN	BJR
CHECKED	
DATE	

SHANNON LNG LIMITED SHANNON TECHNOLOGY AND ENERGY PARK (STEP) ROADS AND PARKING - SITE PLAN - AREA 3		PROJECT 198291-1STA-S3403	DRAWING NUMBER 198291-1STA-S3403	REV 2
CODE		AREA		

NOT TO BE USED FOR CONSTRUCTION

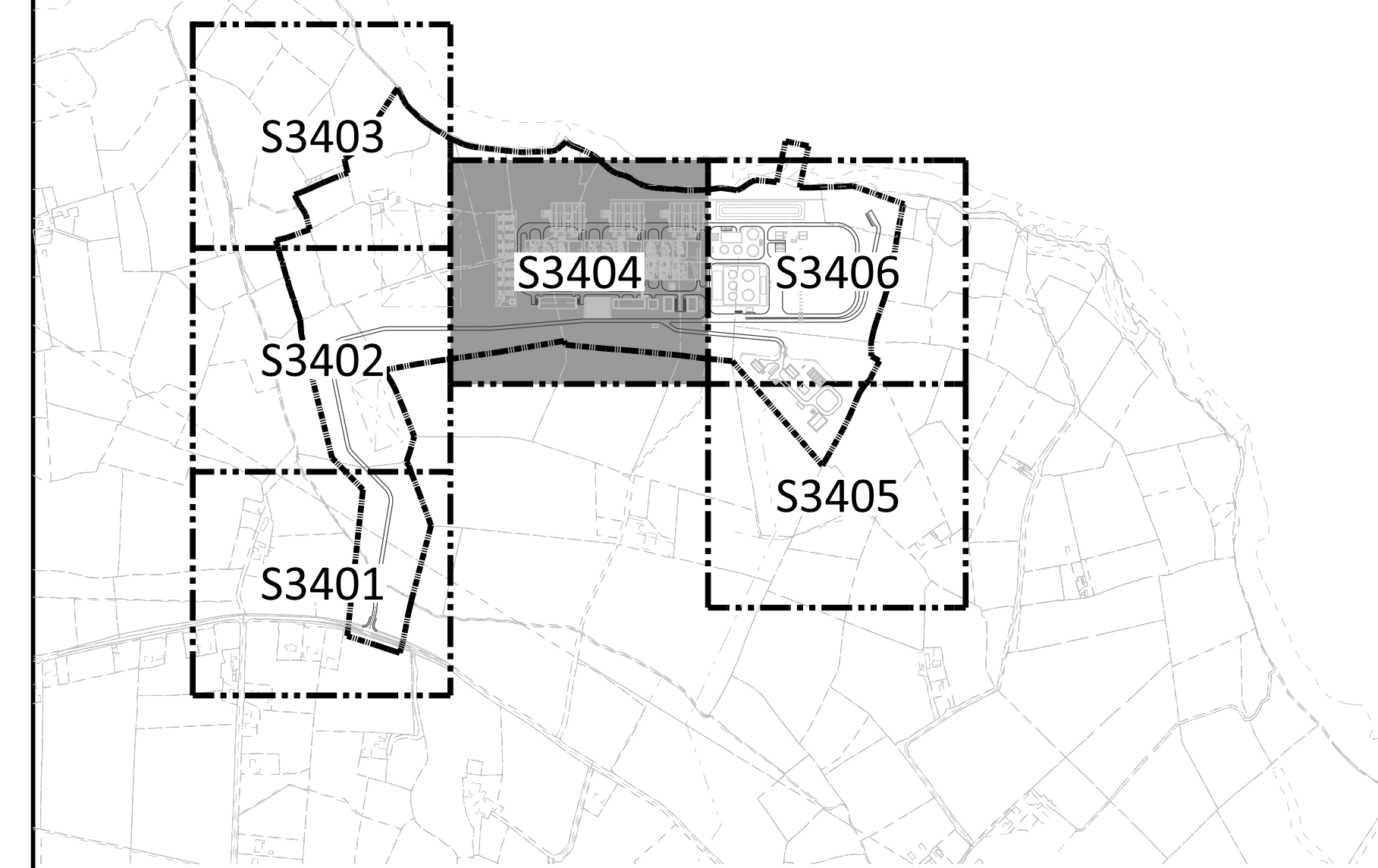
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- FOR GENERAL NOTES SEE DRAWING 15TF-S3000.
- FOR TYPICAL ROAD AND PARKING DETAILS SEE 15TF-S3910.

LEGEND

- PROJECT (REDLINE) BOUNDARY
- SECURITY FENCE
- 2.9 M HIGH CHAIN LINK SECURITY FENCE WITH BARBED WIRE
- 4.0 M HIGH PALISADE AND ELECTRIC WIRE FENCE
- NEW CONTOUR
- EXISTING CONTOUR
- GRADE SURFACE FLOW INDICATOR
- NEW CULVERT
- PROPOSED STORMWATER PIPE AND CATCH BASIN
- HYDRANT
- FIRE WATER PIPING
- POTABLE WATER PIPING
- SANITARY PIPING
- PETROLEUM INTERCEPTOR
- PROPOSED SWALE
- ELEVATED FIREWATER MONITOR

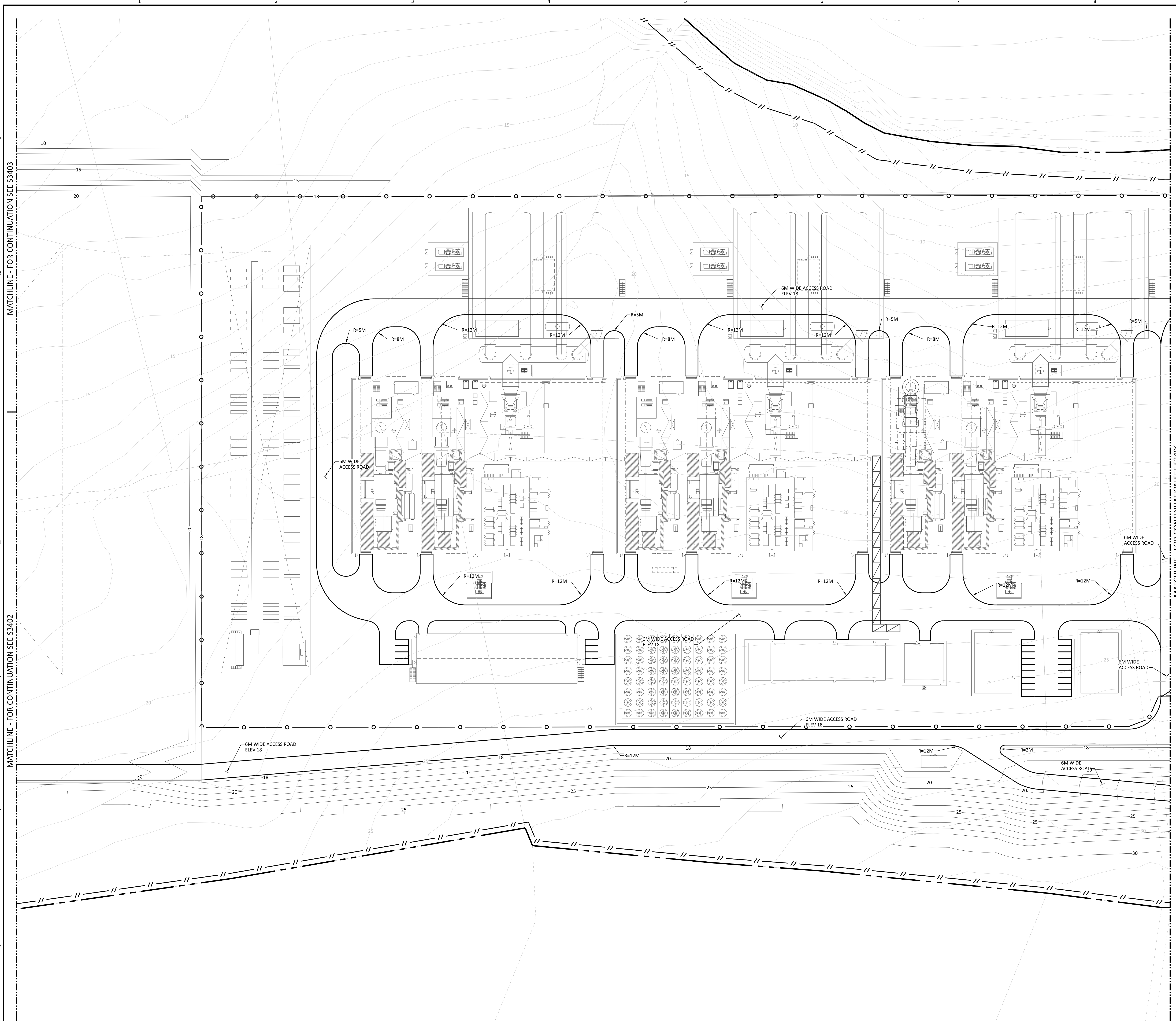
KEY PLAN



NOT TO BE USED FOR CONSTRUCTION

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SHANNON LNG LIMITED SHANNON TECHNOLOGY AND PARKING (STEP) ROADS AND PARKING - SITE PLAN - AREA 4		PROJECT 198291-15TA-S3404	DRAWING NUMBER 2
DESIGNER JDA	DRAWN BJR	CHECKED JDA	DATE



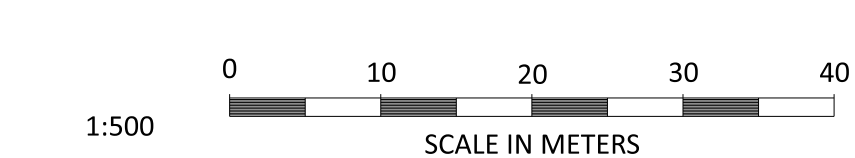
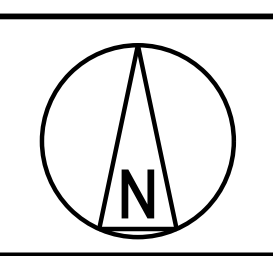
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MATCHLINE - FOR CONTINUATION SEE S3402

MATCHLINE - FOR CONTINUATION SEE S3405

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1	18/JUN/2021	ISSUED FOR PLANNING	TAH	JDA		DAC	
0	30/APR/2021	ISSUED FOR PLANNING	BJR	JDA		DAC	



BLACK & VEATCH CORP HEADQUARTERS:
11401 LAMAR AVENUE, OVERLAND PARK,
KANSAS, USA



DESIGNER: JDA, DRAWN: BJR, CHECKED: JDA, DATE:

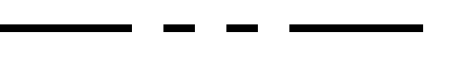
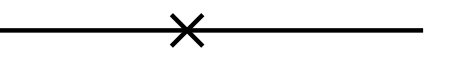
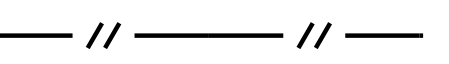
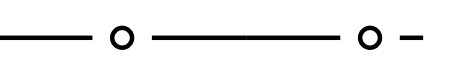
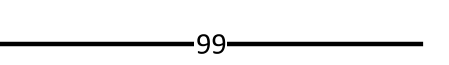

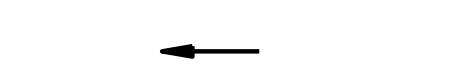









MATCHLINE - FOR CONTINUATION SEE S3406

REFER TO GNI DRAWINGS FOR ROADS AND PARKING IN AGI AREA

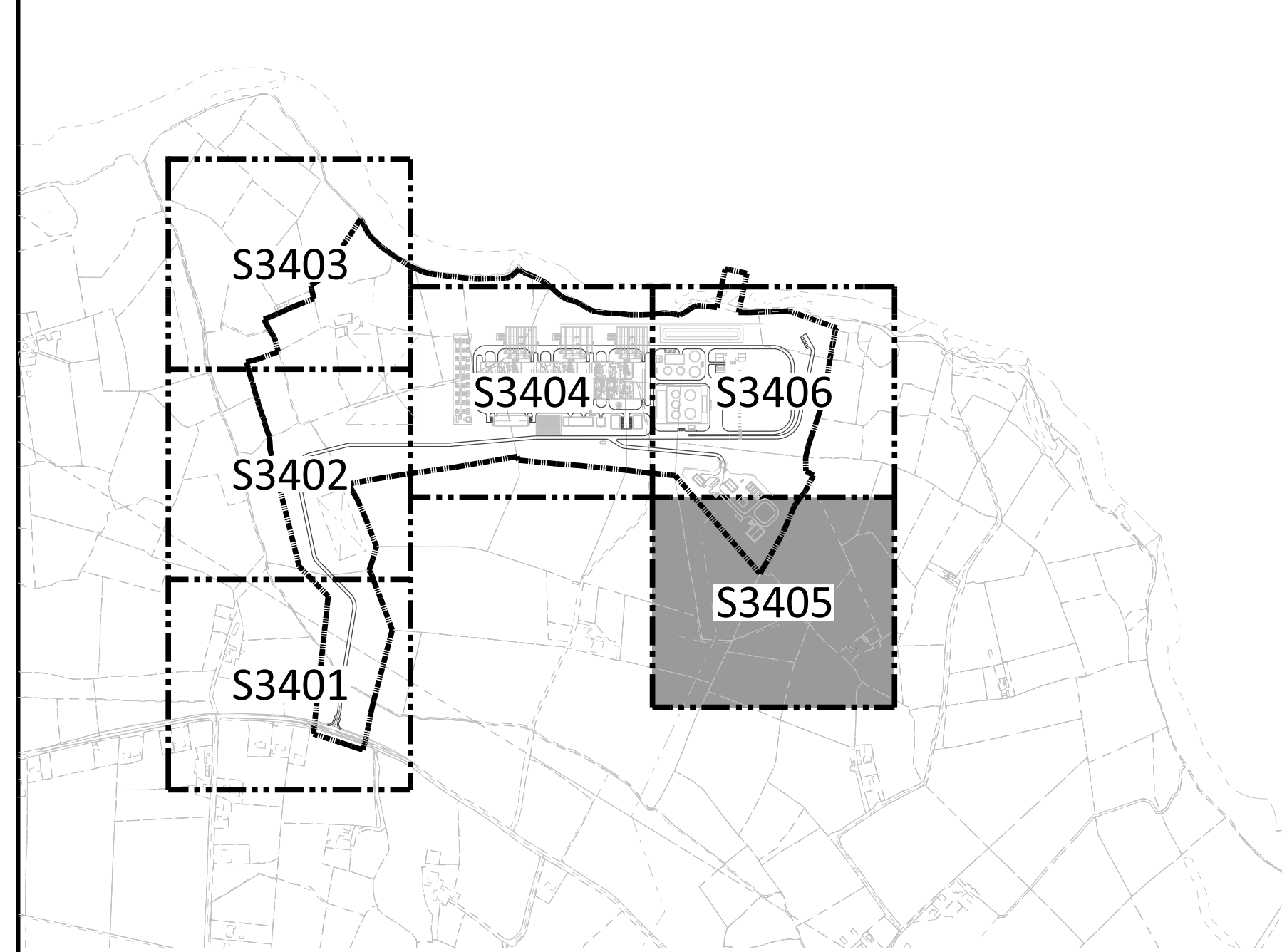
NOTES

- FOR GENERAL NOTES SEE DRAWING 15TF-S3000.
- FOR TYPICAL ROAD AND PARKING DETAILS SEE 15TF-S3910.

LEGEND

-  PROJECT (REDLINE) BOUNDARY
-  SECURITY FENCE
-  2.9 M HIGH CHAIN LINK SECURITY FENCE WITH BARBED WIRE
-  4.0 M HIGH PALISADE AND ELECTRIC WIRE FENCE
-  NEW CONTOUR
-  EXISTING CONTOUR
-  GRADE SURFACE FLOW INDICATOR
-  NEW CULVERT
-  PROPOSED STORMWATER PIPE AND CATCH BASIN
-  HYDRANT
-  FIRE WATER PIPING
-  POTABLE WATER PIPING
-  SANITARY PIPING
-  PETROLEUM INTERCEPTOR
-  PROPOSED SWALE
-  ELEVATED FIREWATER MONITOR

KEY PLAN

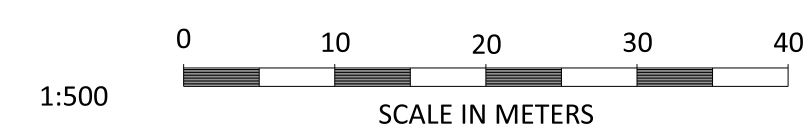
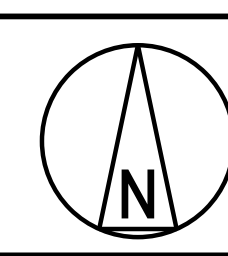


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1	18/JUN/2021	ISSUED FOR PLANNING	TAH	JDA	DAC		
0	30/APR/2021	ISSUED FOR PLANNING	BJR	JDA	DAC		



BLACK & VEATCH CORP HEADQUARTERS:
11401 LAMAR AVENUE, OVERLAND PARK,
KANSAS, USA

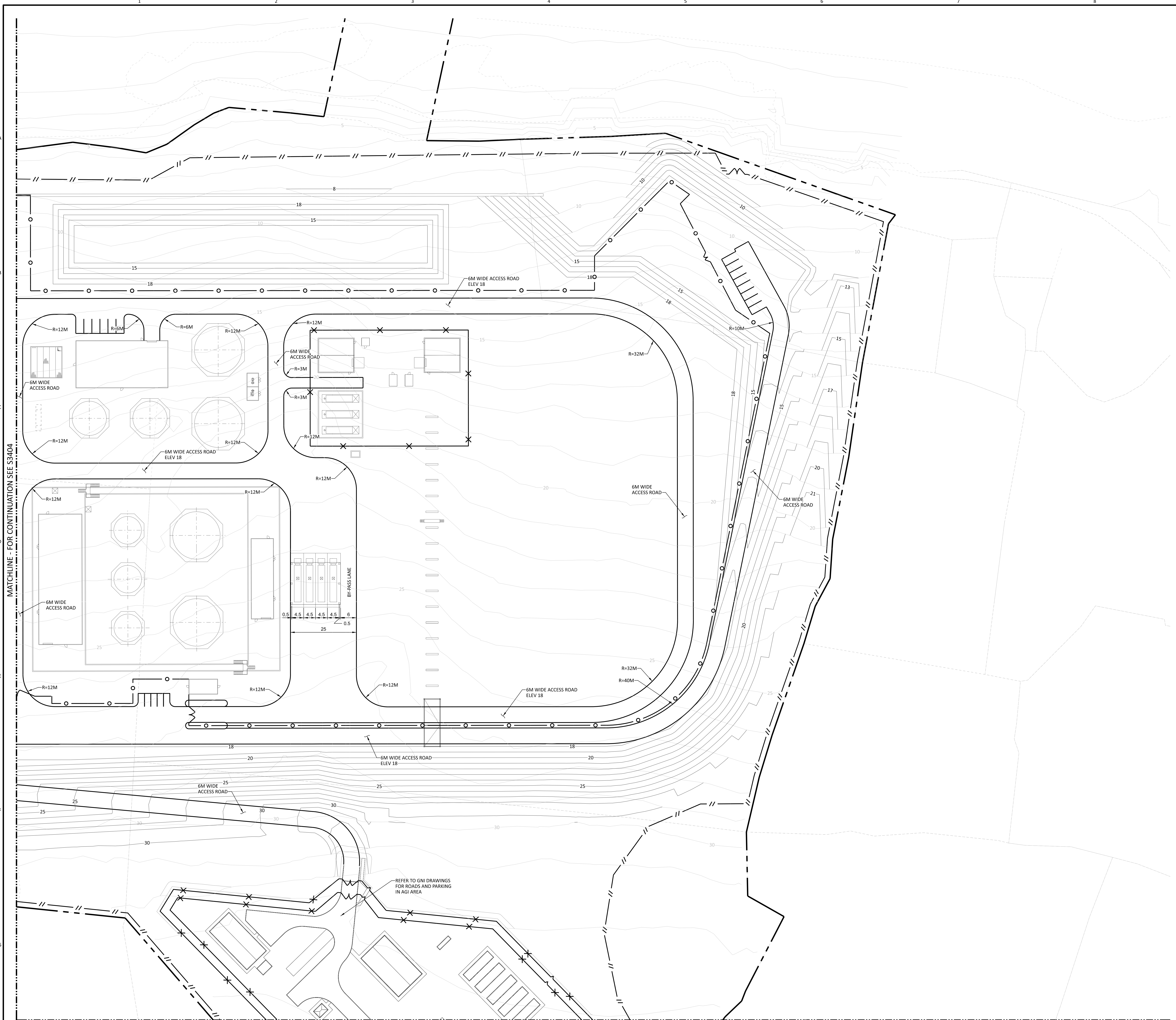
BLACK & VEATCH

DESIGNER: JDA DRAWN: BJR
CHECKED: DATE

PROJECT: SHANNON LNG LIMITED
DRAWING NUMBER: 198291-15TA-S3405
REV: 2

CODE: 198291-15TA-S3405
AREA:

SHANNON TECHNOLOGY AND ENERGY PARK (STEP)
ROADS AND PARKING - SITE
PLAN - AREA 5



MATCHLINE - FOR CONTINUATION SEE S3404

MATCHLINE - FOR CONTINUATION SEE S3405

REFER TO GNI DRAWINGS FOR ROADS AND PARKING IN AGI AREA

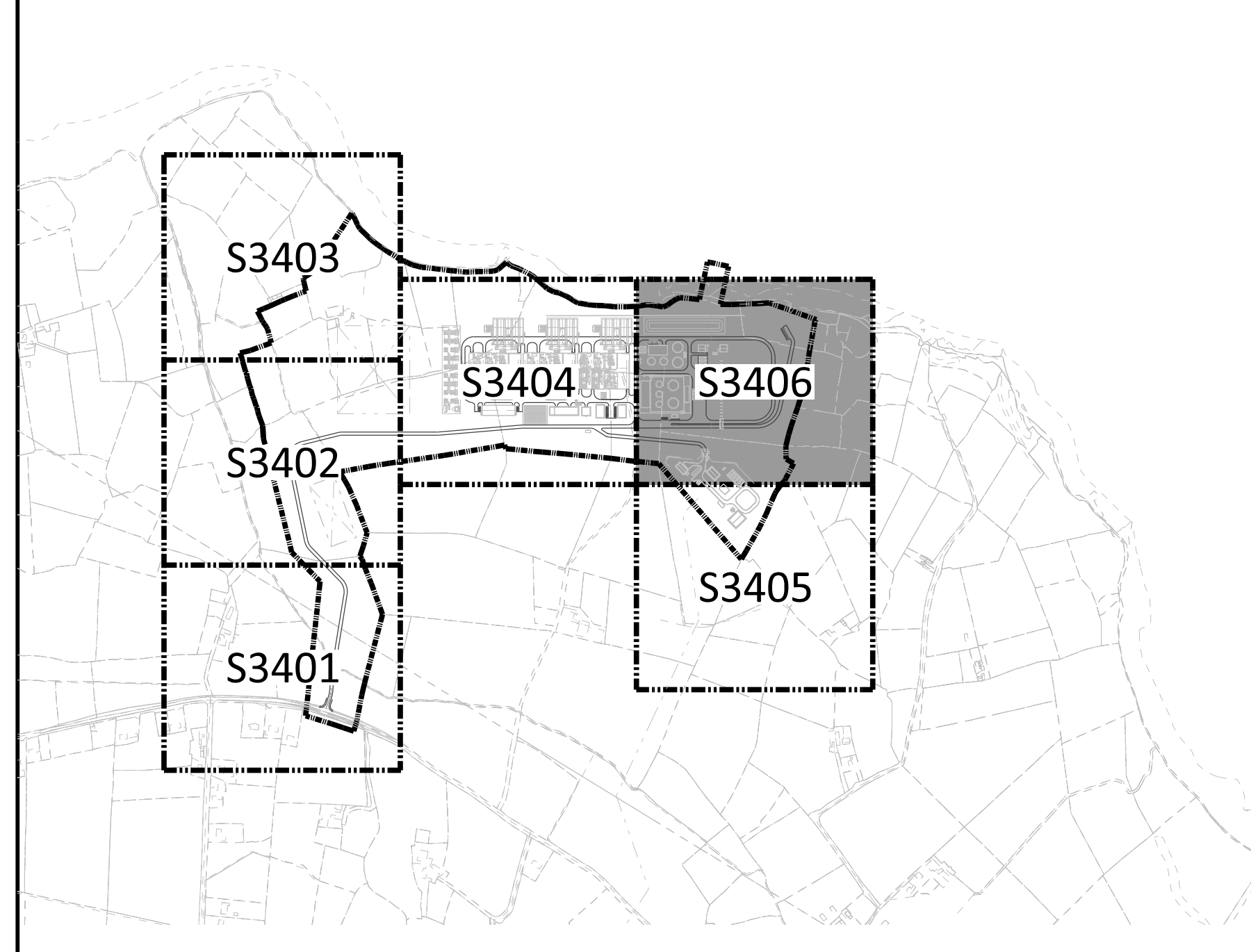
NOTES

1. FOR GENERAL NOTES SEE DRAWING 15TF-S3000.
2. FOR TYPICAL ROAD AND PARKING DETAILS SEE 15TF-S3910.

LEGEND

- PROJECT (REDLINE) BOUNDARY
- SECURITY FENCE
- 2.9 M HIGH CHAIN LINK SECURITY FENCE WITH BARBED WIRE
- 4.0 M HIGH PALISADE AND ELECTRIC WIRE FENCE
- NEW CONTOUR
- EXISTING CONTOUR
- GRADE SURFACE FLOW INDICATOR
- NEW CULVERT
- PROPOSED STORMWATER PIPE AND CATCH BASIN
- HYDRANT
- FIRE WATER PIPING
- POTABLE WATER PIPING
- SANITARY PIPING
- PETROLEUM INTERCEPTOR
- PROPOSED SWALE
- ELEVATED FIREWATER MONITOR
- OILY DRAINAGE LINE
- FLOOR/RAIN SUMP

KEY PLAN



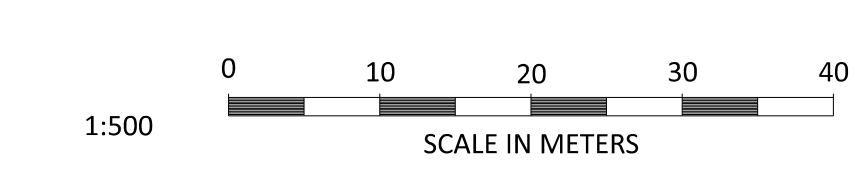
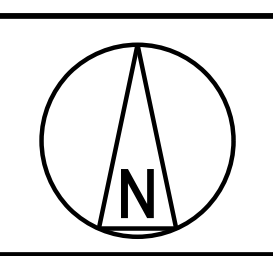
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DESIGNER: JDA DRAWN: BJR
CHECKED: DATE:

SHANNON LNG LIMITED
SHANNON TECHNOLOGY AND ENERGY PARK (STEP)
ROADS AND PARKING - SITE
PLAN - AREA 6

PROJECT: 198291-15TA-S3406
DRAWING NUMBER: 3
REV: 3

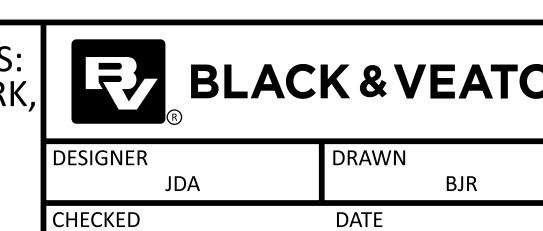
1. SEE DRAWING S3000 FOR GENERAL NOTES AND LEGEND.

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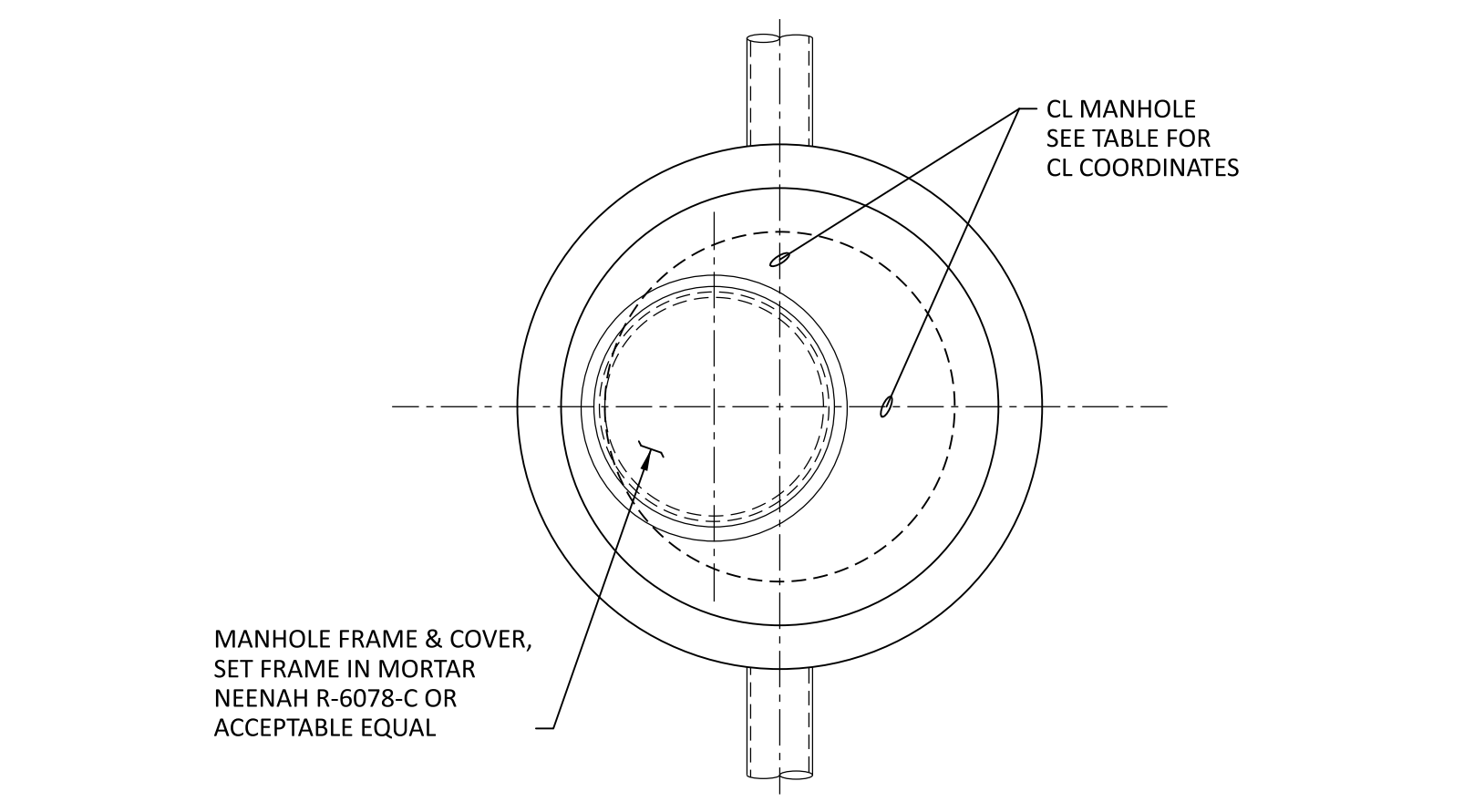
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CHECKED	JDA	DATE		AREA	SHANNON TECHNOLOGY AND ENERGY PARK (STEP)				
					GRADING AND DRAINAGE - SITE				
					TYPICAL MANHOLE AND CATCH BASIN DETAILS				

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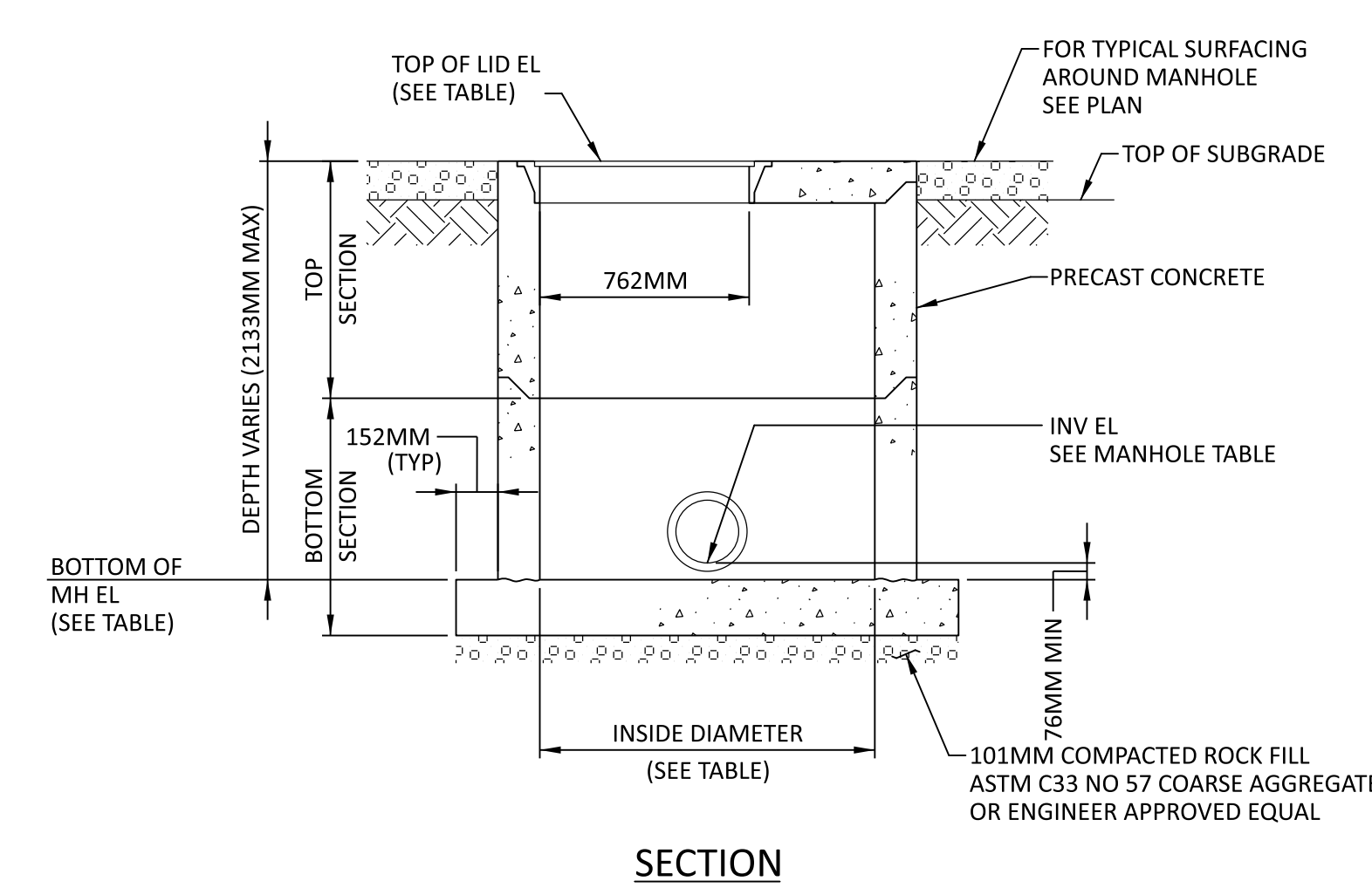


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MicroStation v10.11.0.36 04/28/2023 03:50:44 PM Site 1-1

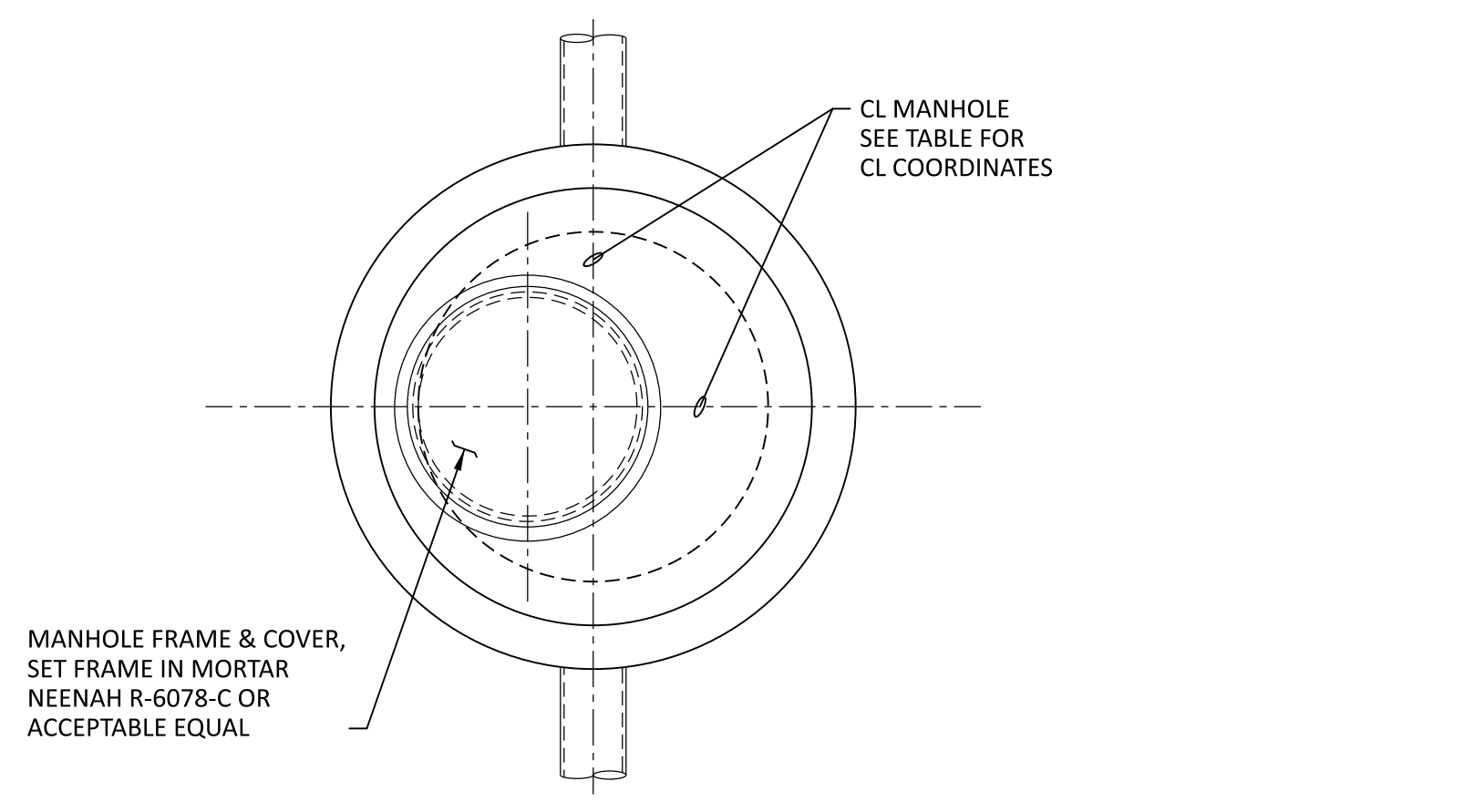


PLAN

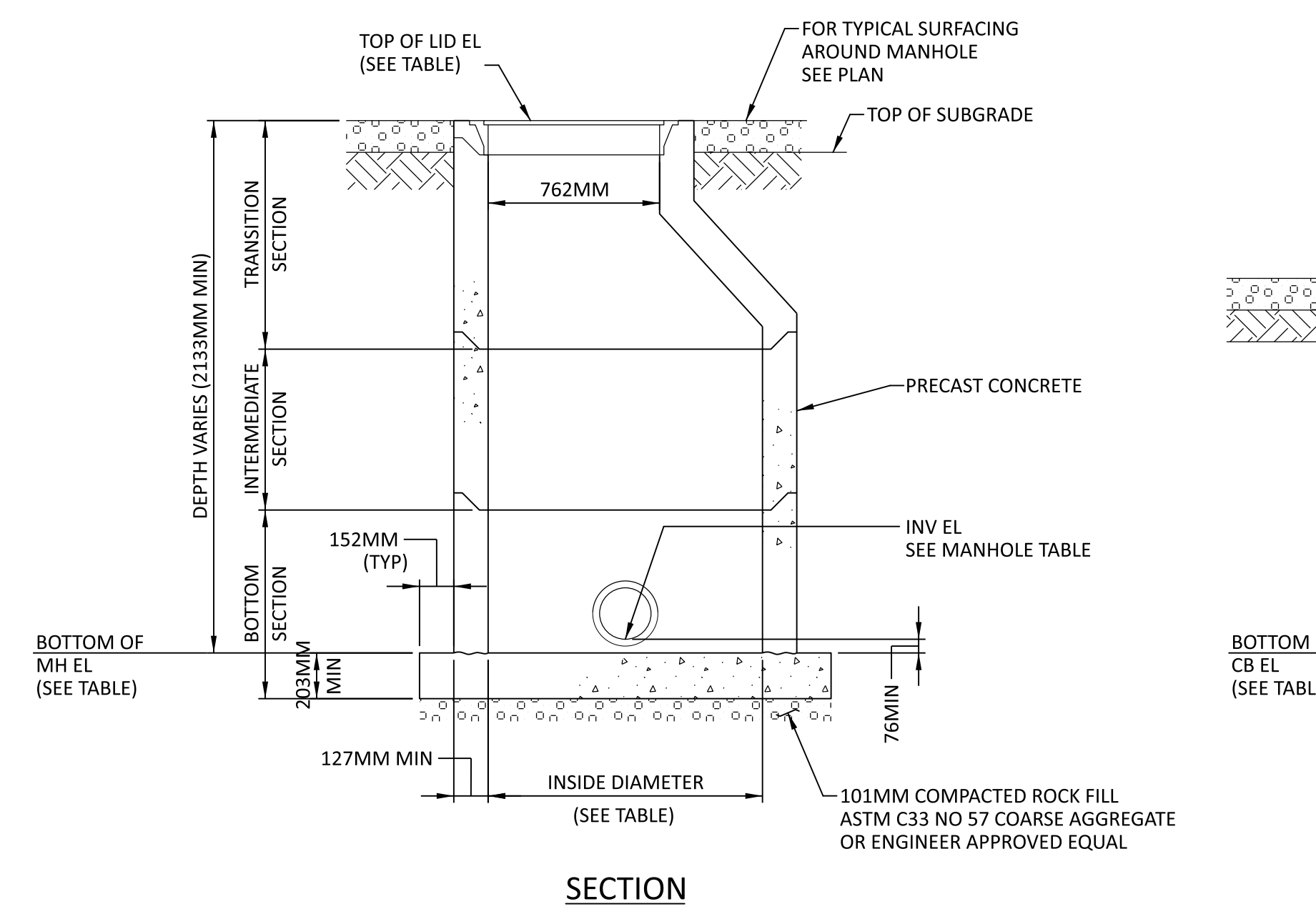


SECTION

TYPICAL PRECAST MANHOLE UNDER 2133MM
NO SCALE

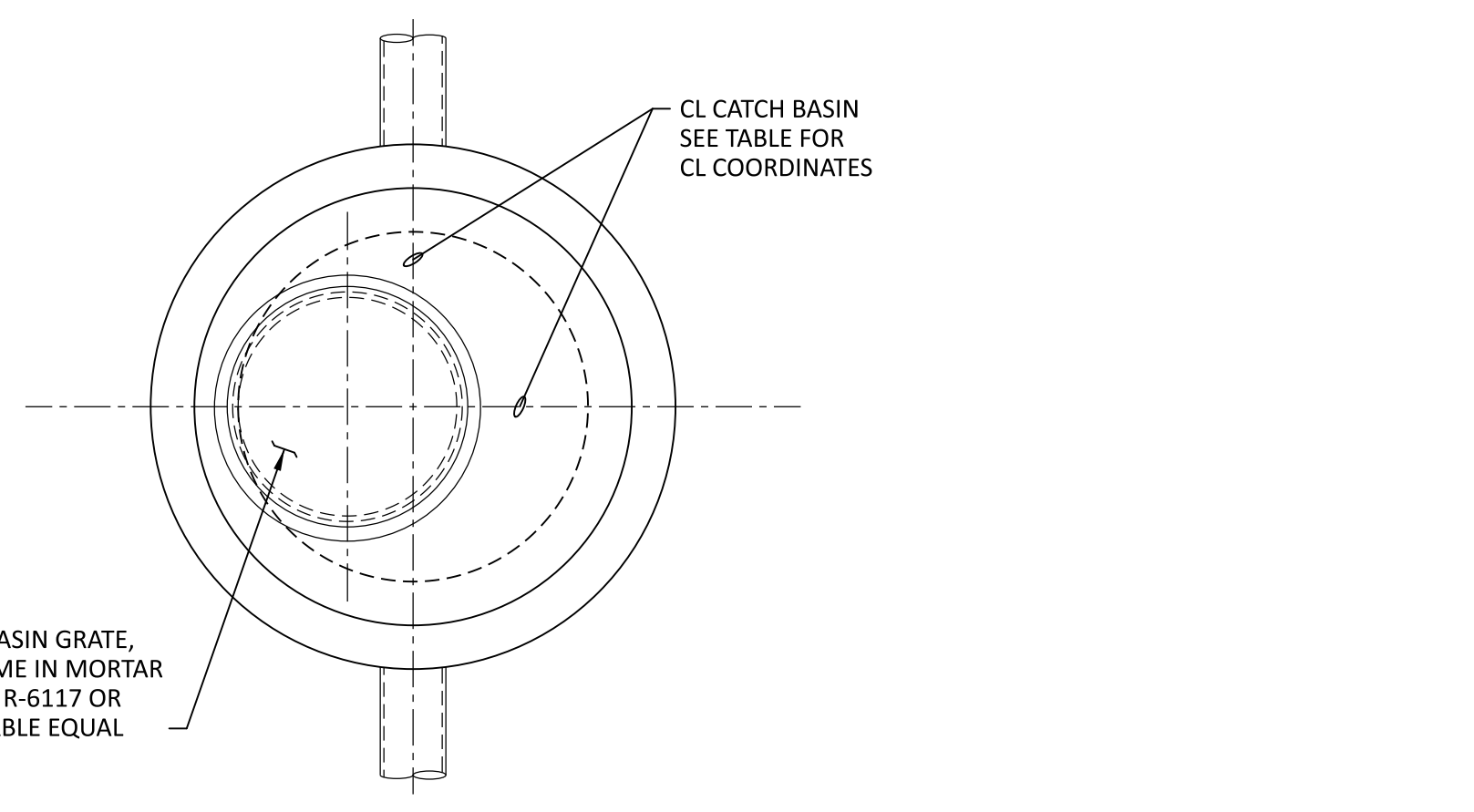


PLAN

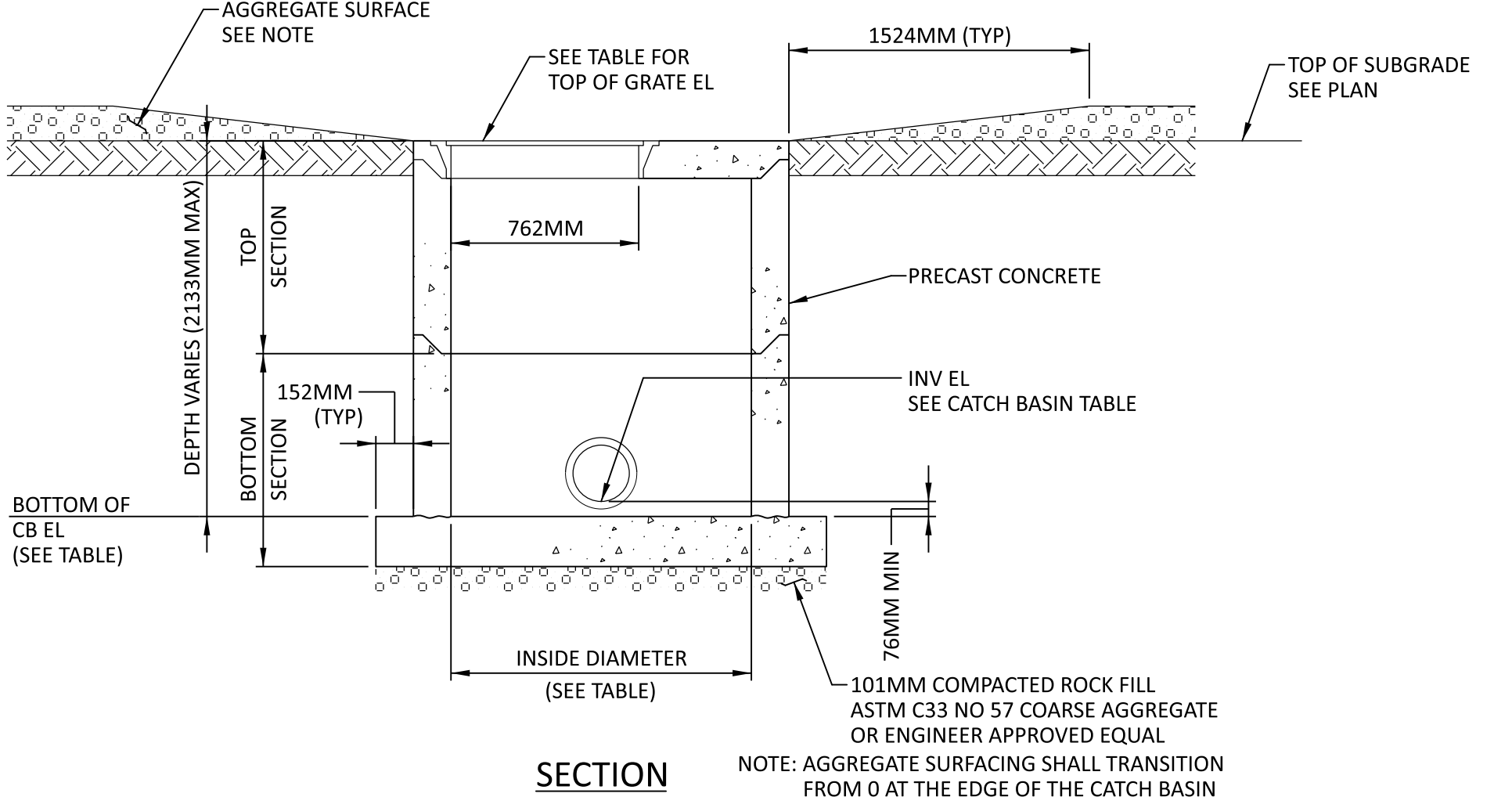


SECTION

TYPICAL PRECAST MANHOLE 2133MM AND OVER
NO SCALE



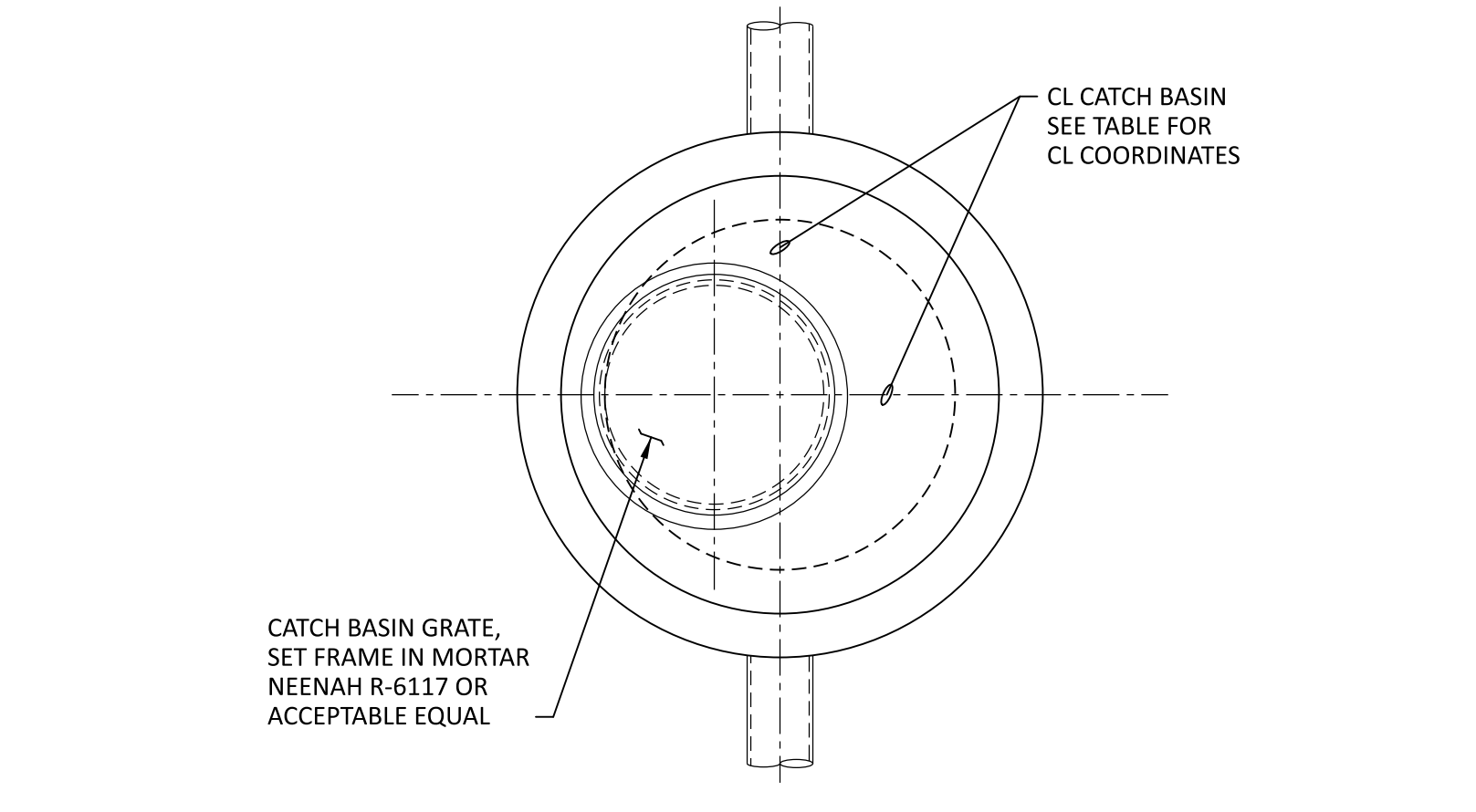
PLAN



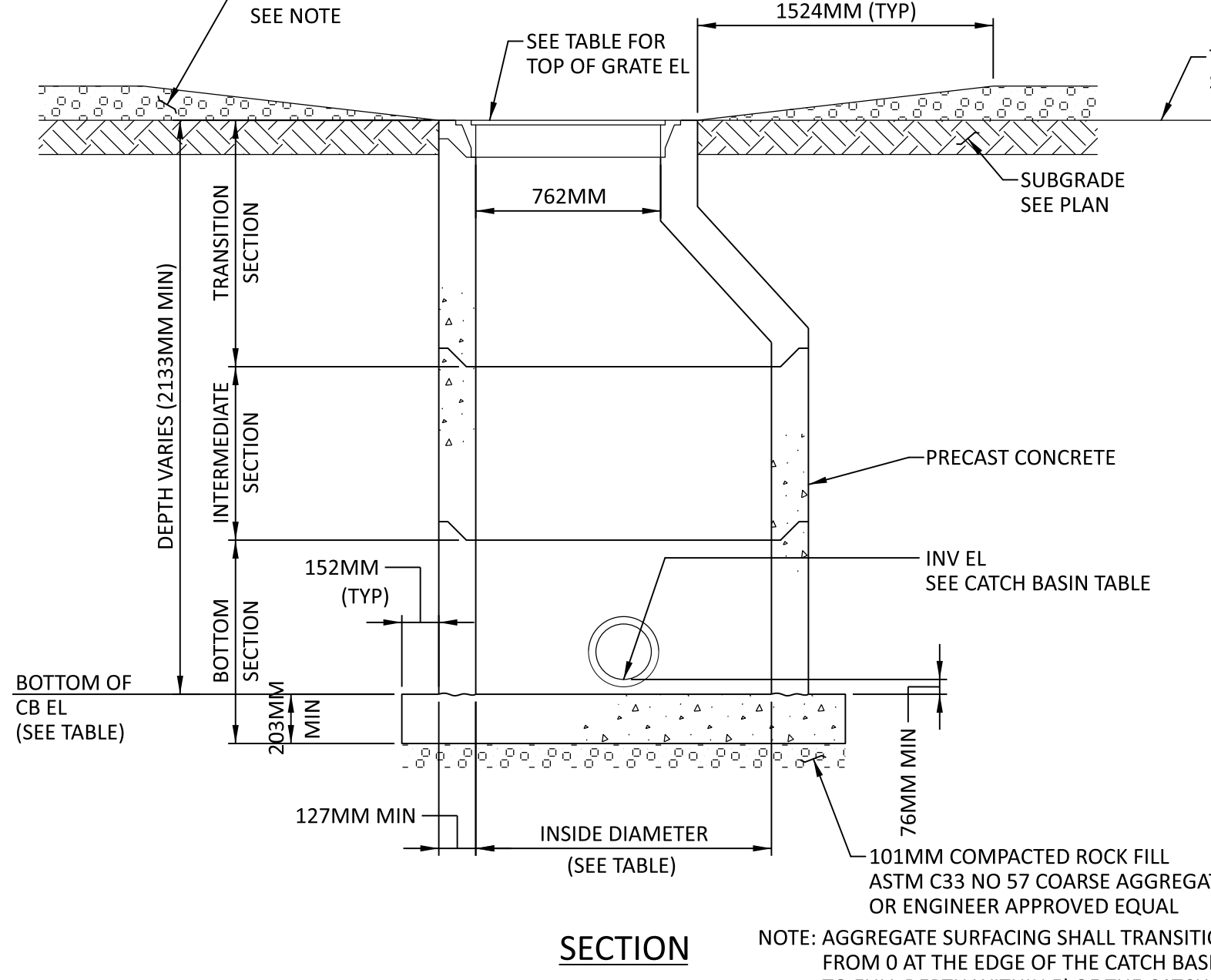
SECTION

TYPICAL PRECAST CATCH BASIN UNDER 2133MM
NO SCALE

NOTE: AGGREGATE SURFACING SHALL TRANSITION FROM 0 AT THE EDGE OF THE CATCH BASIN TO FULL DEPTH WITHIN 5' OF THE CATCH BASIN EDGE



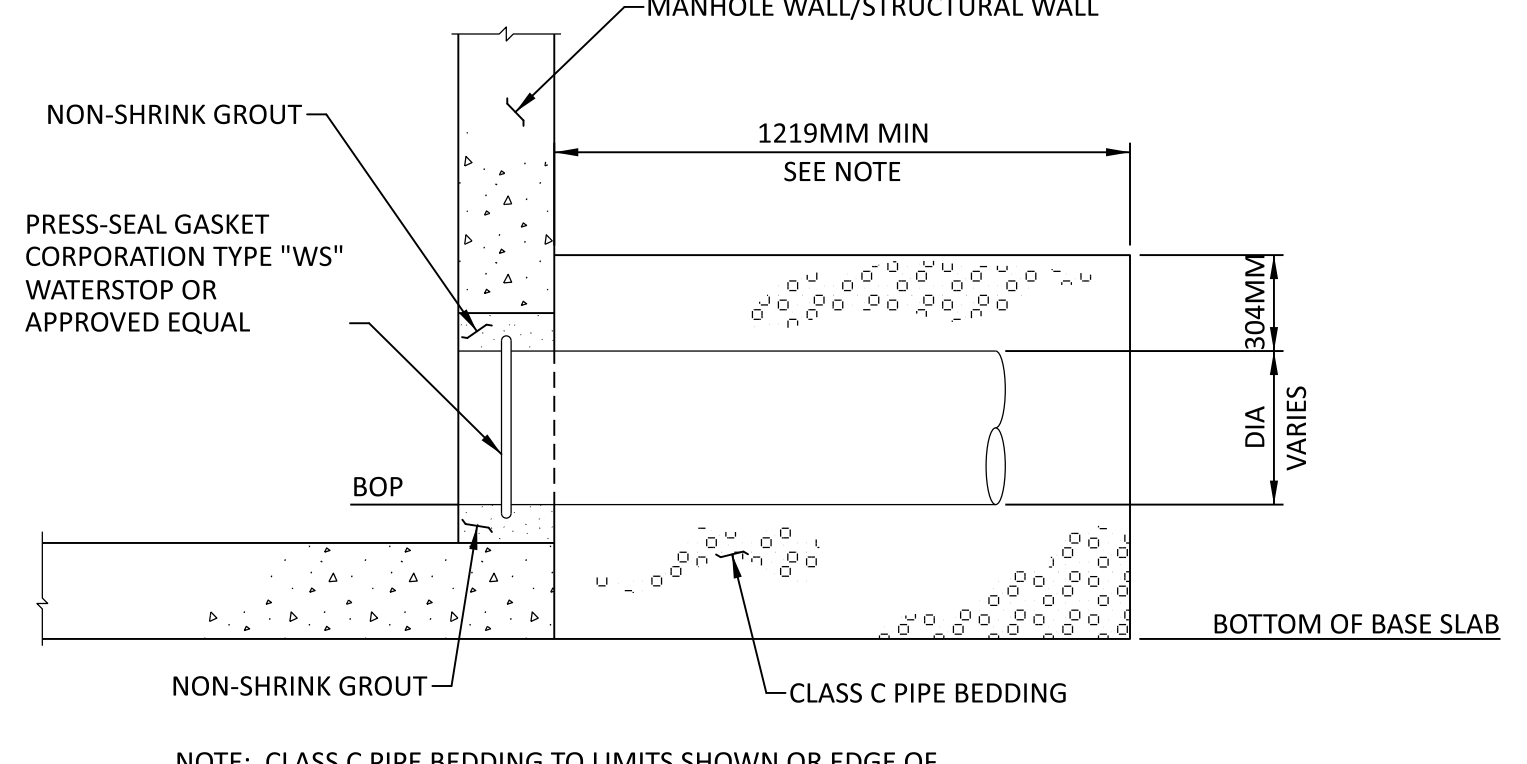
PLAN



SECTION

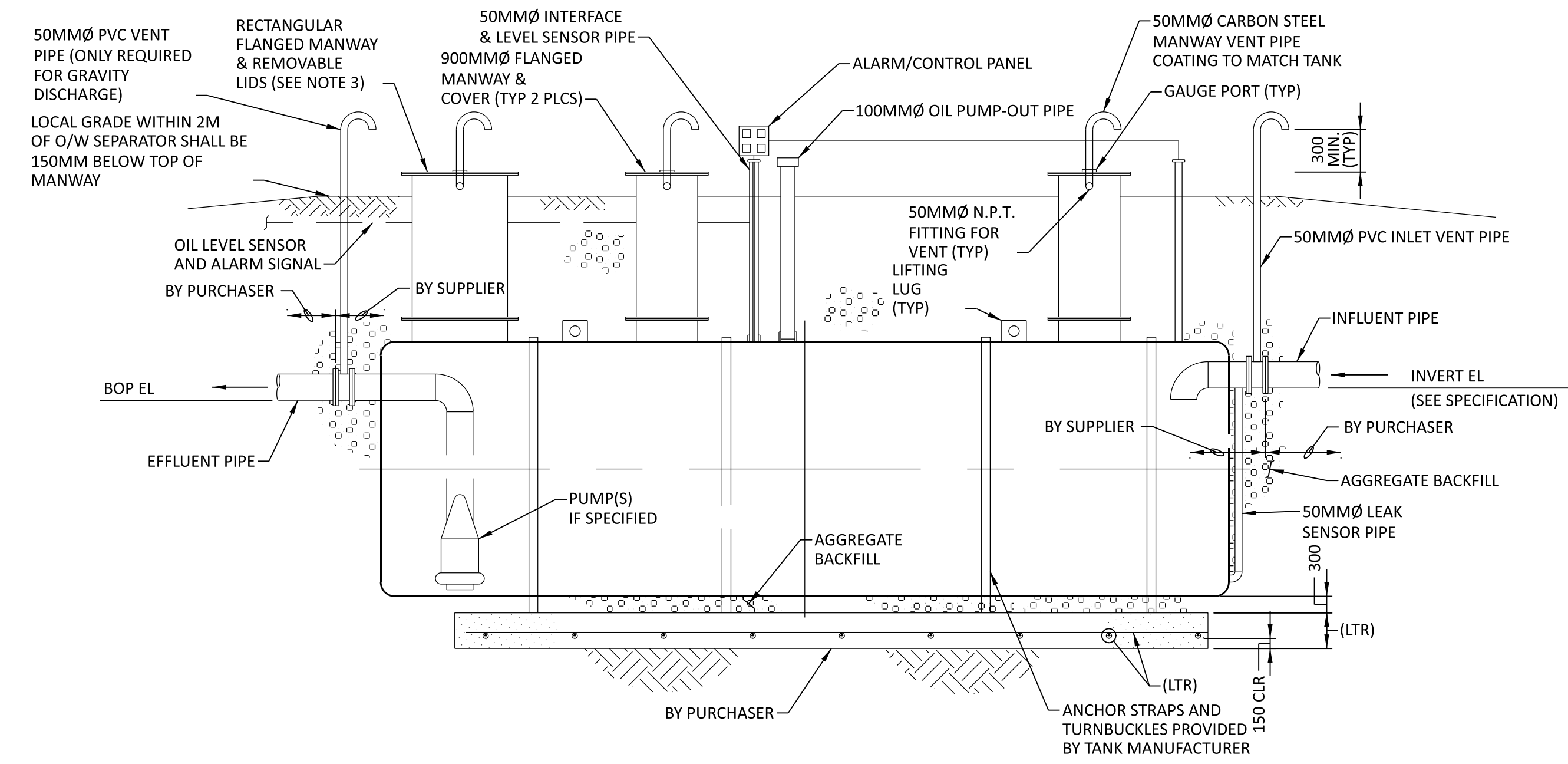
TYPICAL PRECAST CATCH BASIN 2133MM AND OVER
NO SCALE

NOTE: AGGREGATE SURFACING SHALL TRANSITION FROM 0 AT THE EDGE OF THE CATCH BASIN TO FULL DEPTH WITHIN 5' OF THE CATCH BASIN EDGE



TYPICAL WALL PENETRATION DETAIL
NO SCALE

NOTE: CLASS C PIPE BEDDING TO LIMITS SHOWN OR EDGE OF MANHOLE EXCAVATION WHICHEVER IS GREATER.



- NOTES:
1. ALL ITEMS FURNISHED BY SUPPLIER UNLESS NOTED OTHERWISE.
 2. MANWAY EXTENSION LENGTH IN SPECIFICATION ASSUMED FOR BIDDING PURPOSE. ACTUAL LENGTH TO BE PROVIDED ON APPROVED DRAWING.
 3. MANWAY SIZE AS REQUIRED FOR PUMP MAINTENANCE AND ACCESS.
 4. VENT PIPING TO BE PROVIDED BY OIL/WATER SEPARATOR MANUFACTURER.
 5. ANCHOR STRAP LOCATIONS & QUANTITY SHALL BE DETERMINED BY MANUFACTURER.
 6. PURCHASER IS RESPONSIBLE FOR ASSURING VENT PIPING MEETS LOCAL CODES.

TYPICAL OIL/WATER SEPARATOR DETAIL AND PETROLEUM INTERCEPTOR DETAIL
NO SCALE

B:\1107436 10:09 AM 09/27/2023 MicroStation v8.01.11.0.36
 09/27/2023 10:09 AM 11:03:11

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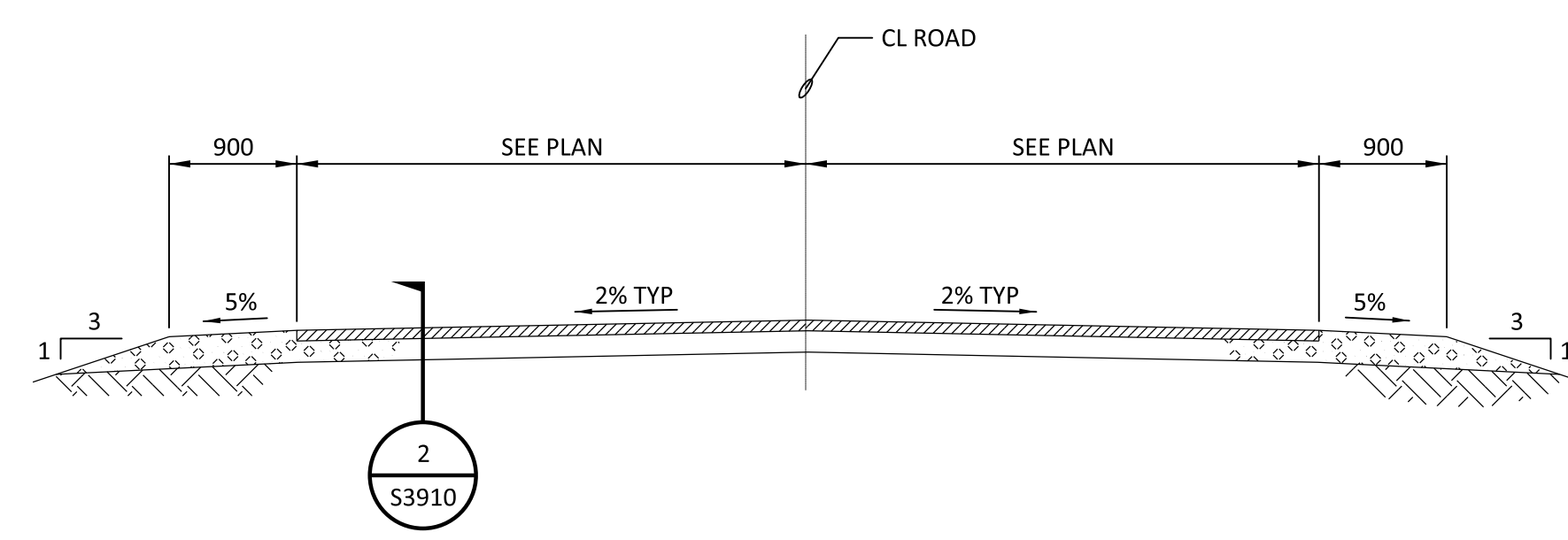
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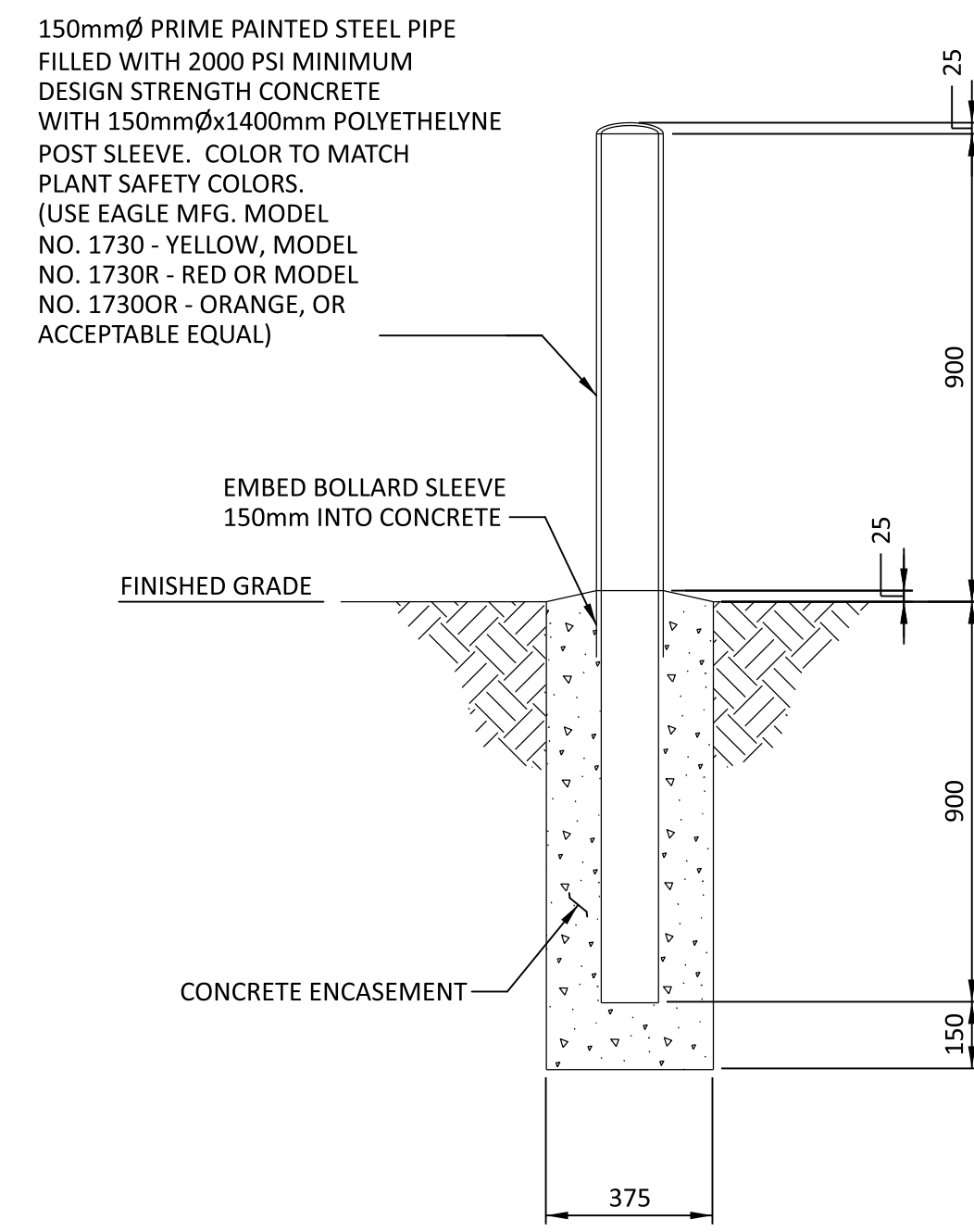
BLACK & VEATCH	
DESIGNER JDA	DRAWN JRH
CHECKED	DATE

SHANNON LNG LIMITED
SHANNON TECHNOLOGY AND ENERGY PARK (STEP)
GRADING AND DRAINAGE - SITE
TYPICAL OIL WATER SEPARATOR DETAIL

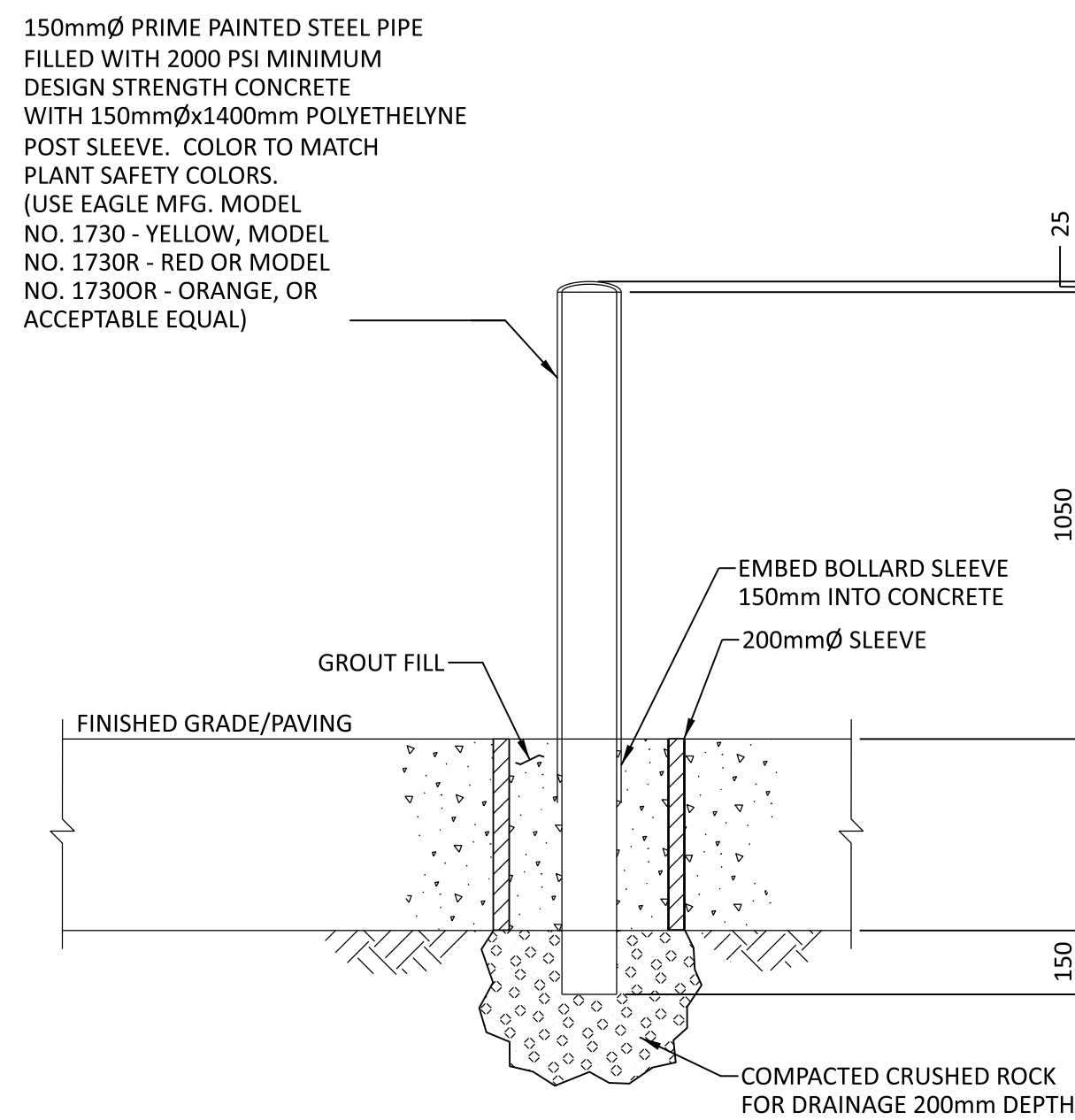
PROJECT 198291-1STF-S3901	DRAWING NUMBER 1
CODE	AREA



TYPICAL ASPHALT SURFACE ROAD SECTION
NO SCALE

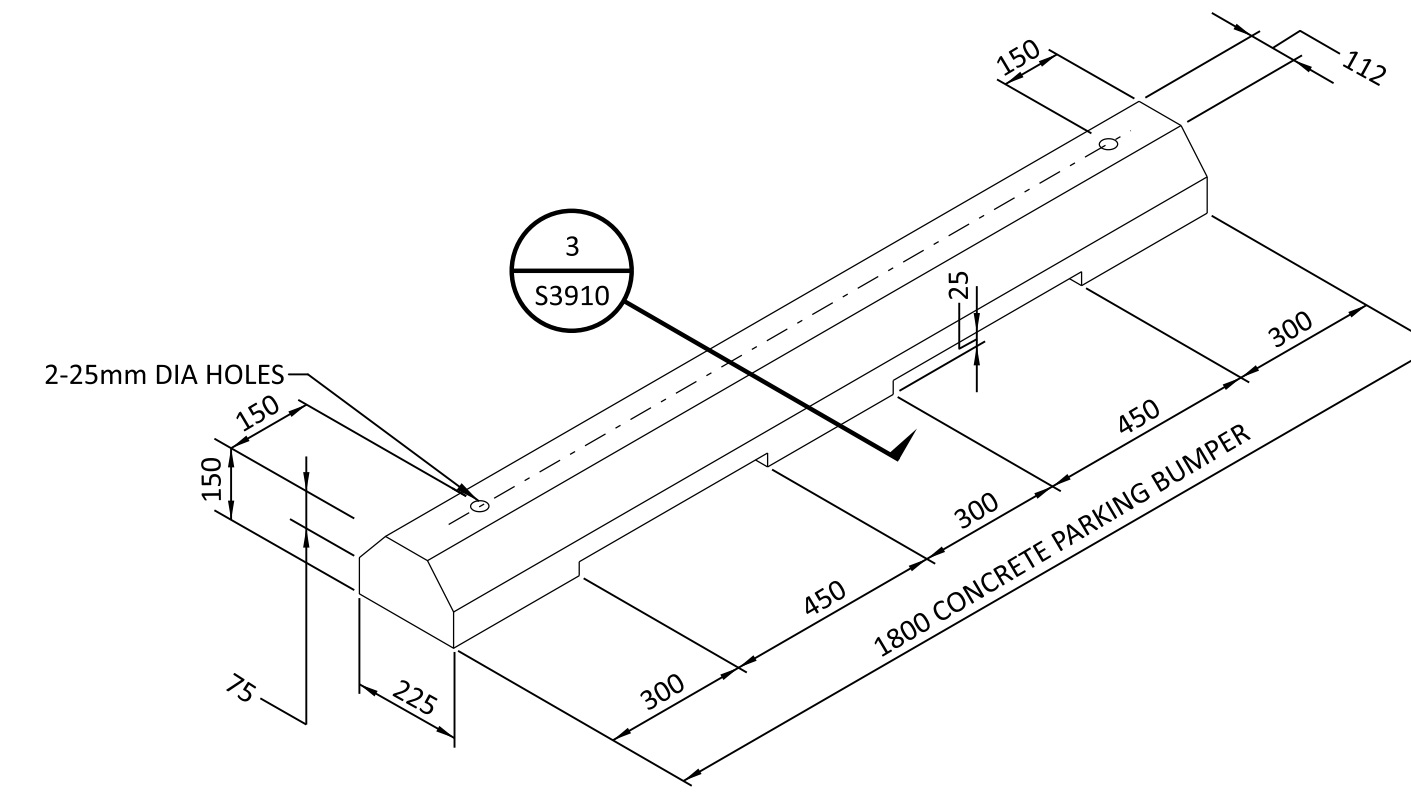


TYPICAL BOLLARD DETAIL
NO SCALE



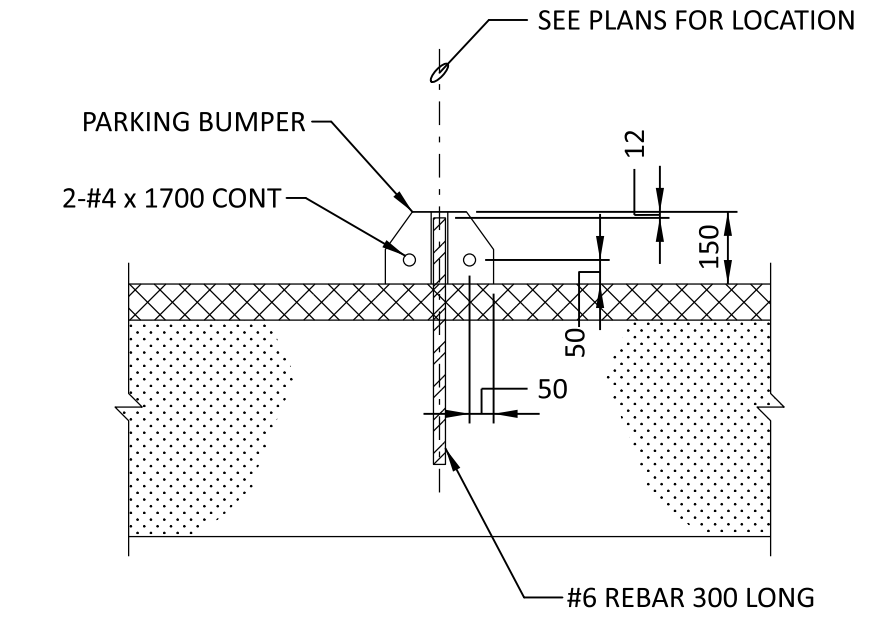
TYPICAL BOLLARD IN SLEEVE DETAIL
NO SCALE

NOTE: MAXIMUM SPACING BETWEEN POSTS = 1200mm

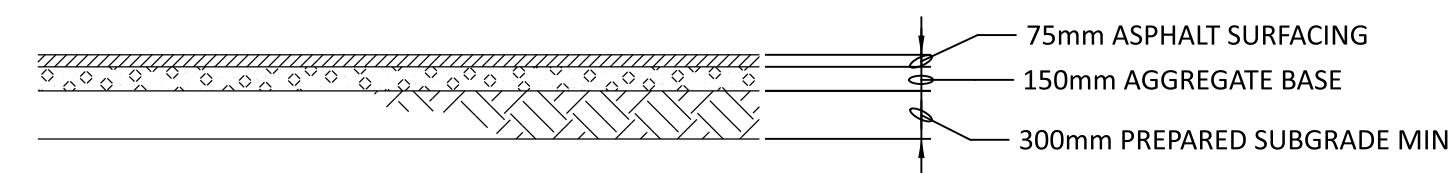


NOTE: CENTER PARKING BUMPER IN PARKING SPACE UNO.

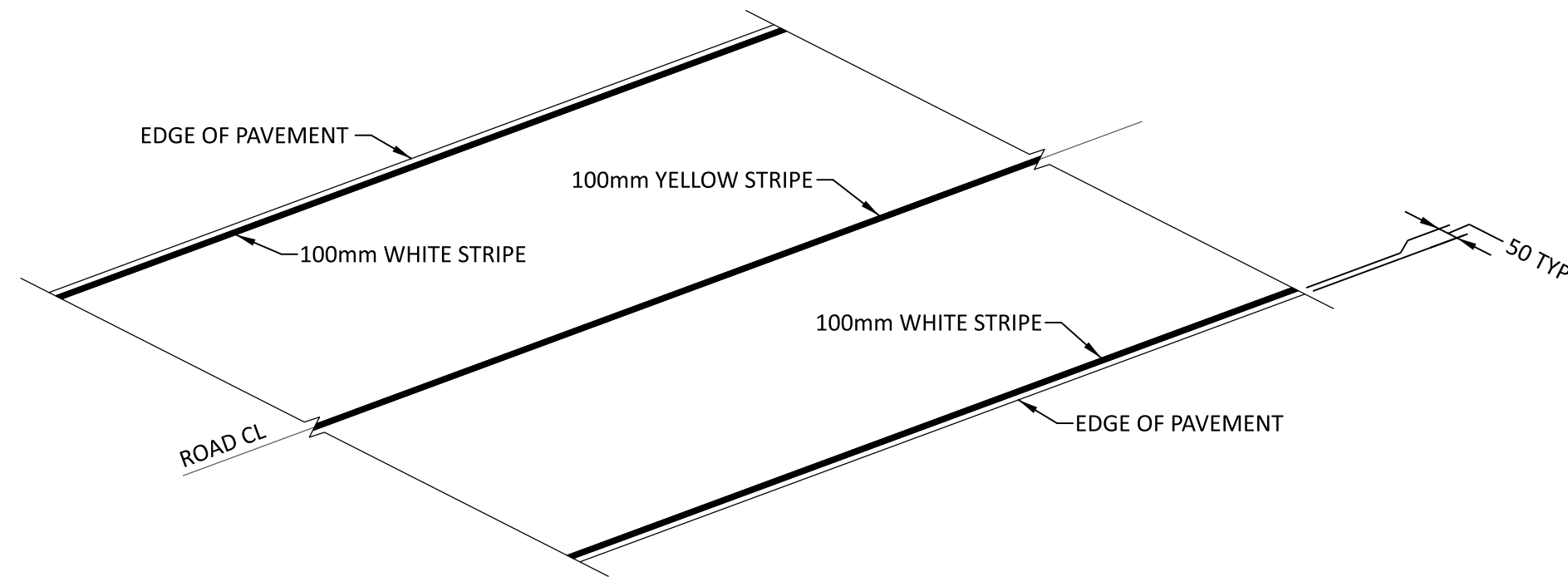
CONCRETE PARKING BUMPER DETAIL
NO SCALE



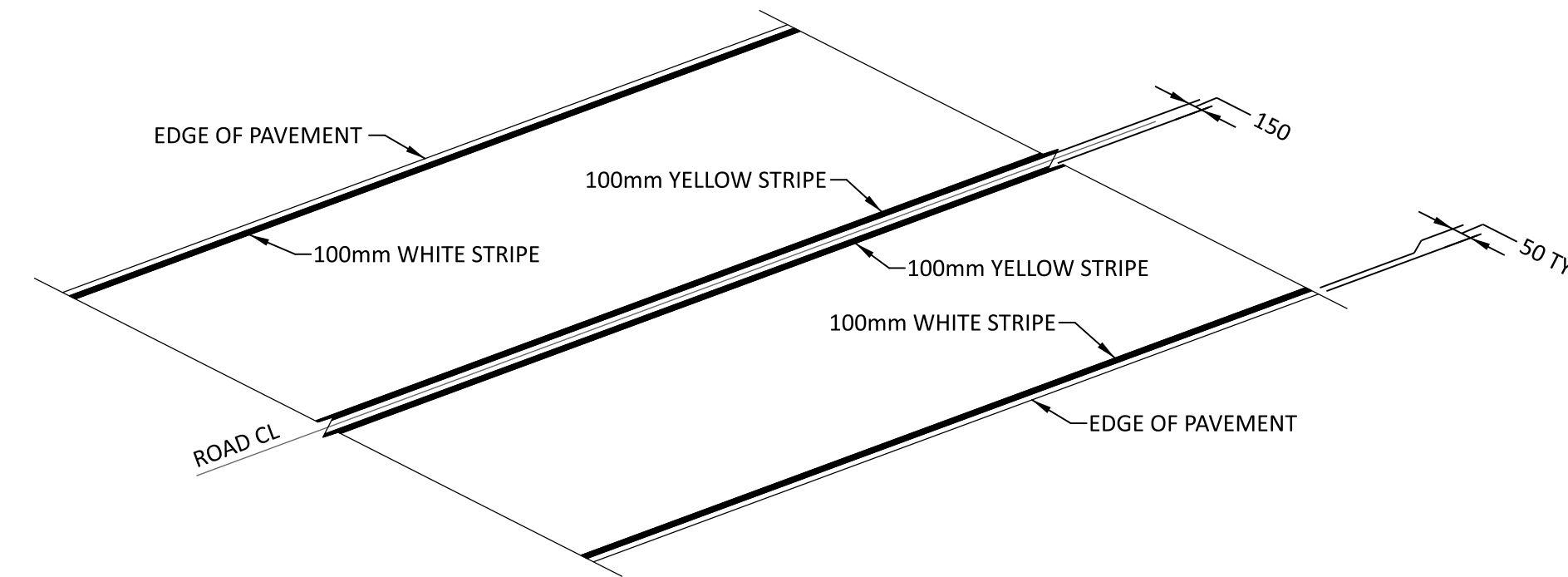
SECTION 3
SEE THIS DWG
NO SCALE



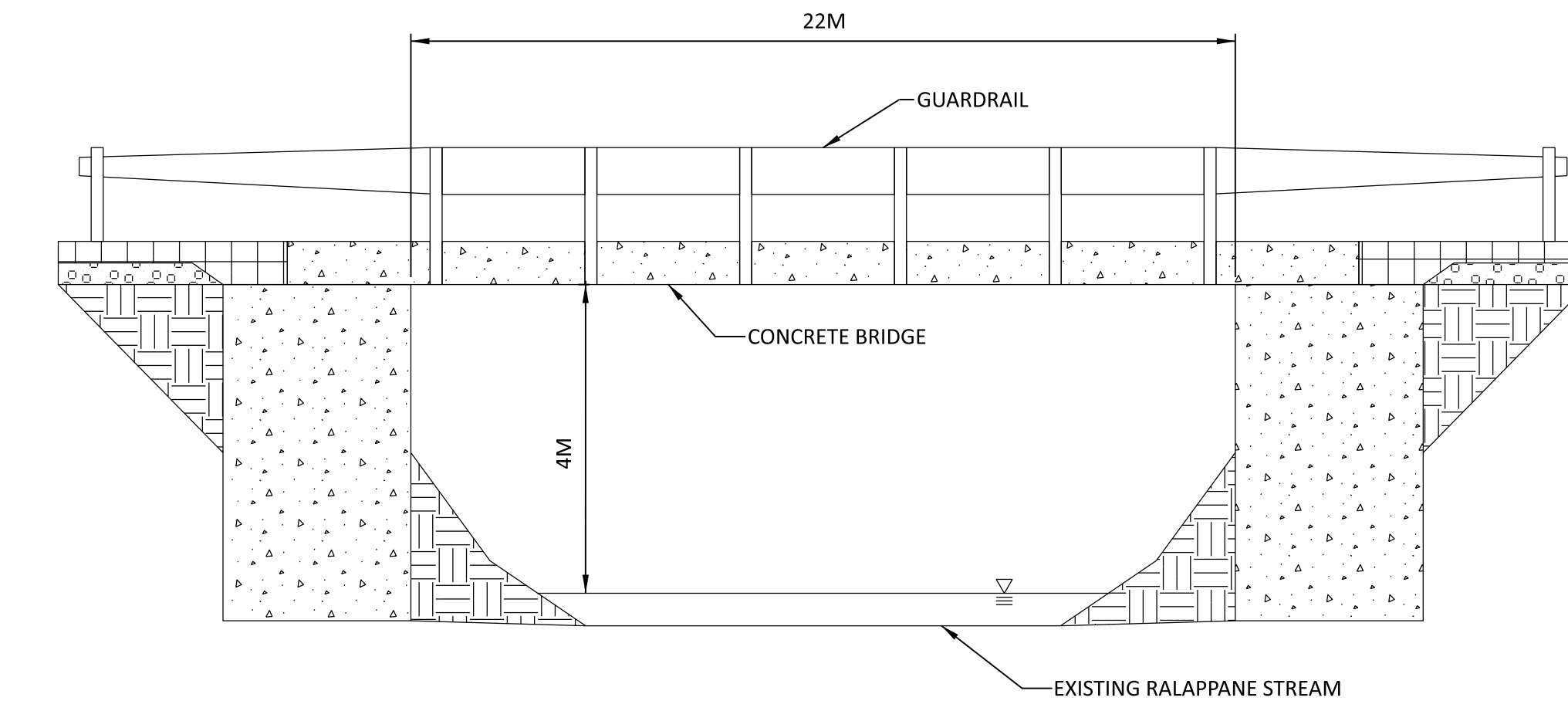
SECTION 2
SEE THIS DWG
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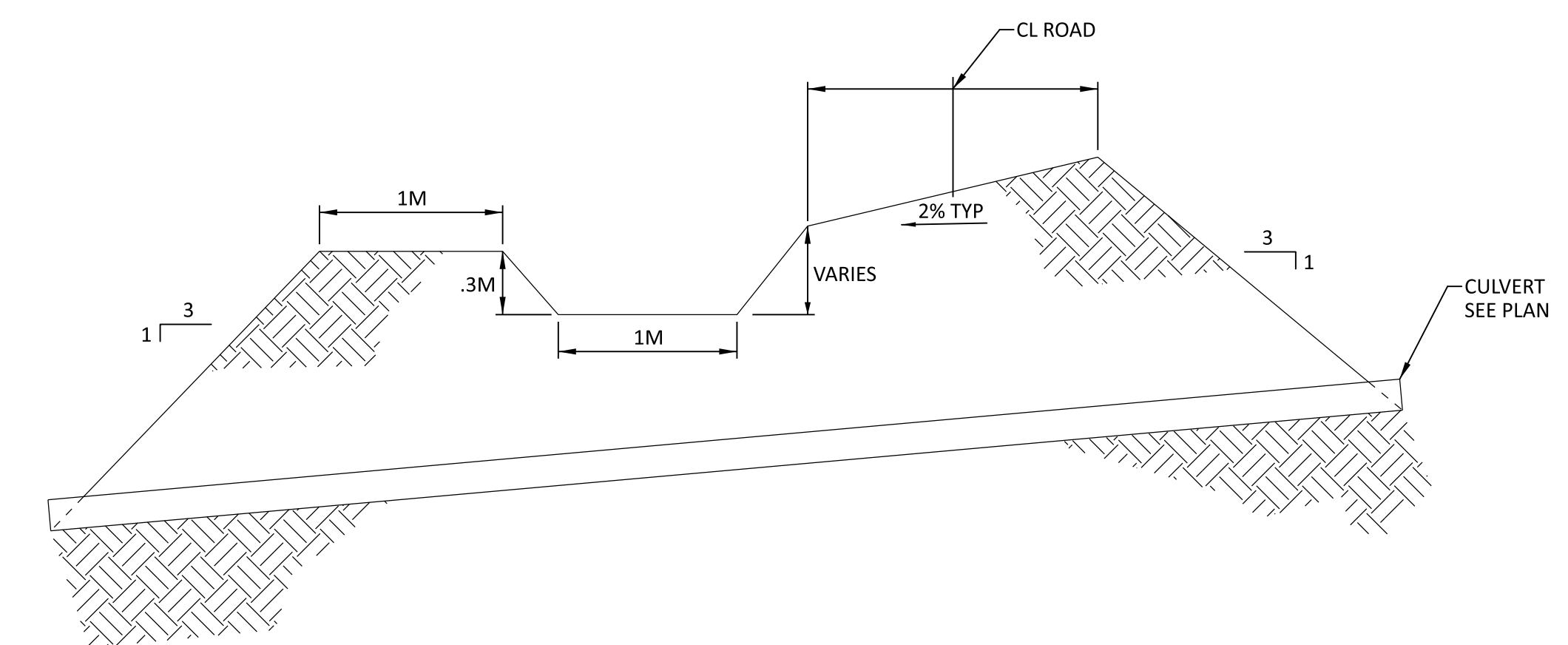
TYPICAL ROAD STRIPING DETAIL
NO SCALE



TYPICAL ROAD STRIPING DETAIL (NO PASSING)
NO SCALE



PRECAST CONCRETE BRIDGE TYPICAL DETAIL
NO SCALE



SECTION 1
TYPICAL ROAD SECTION WITH CULVERT CROSSING
NO SCALE

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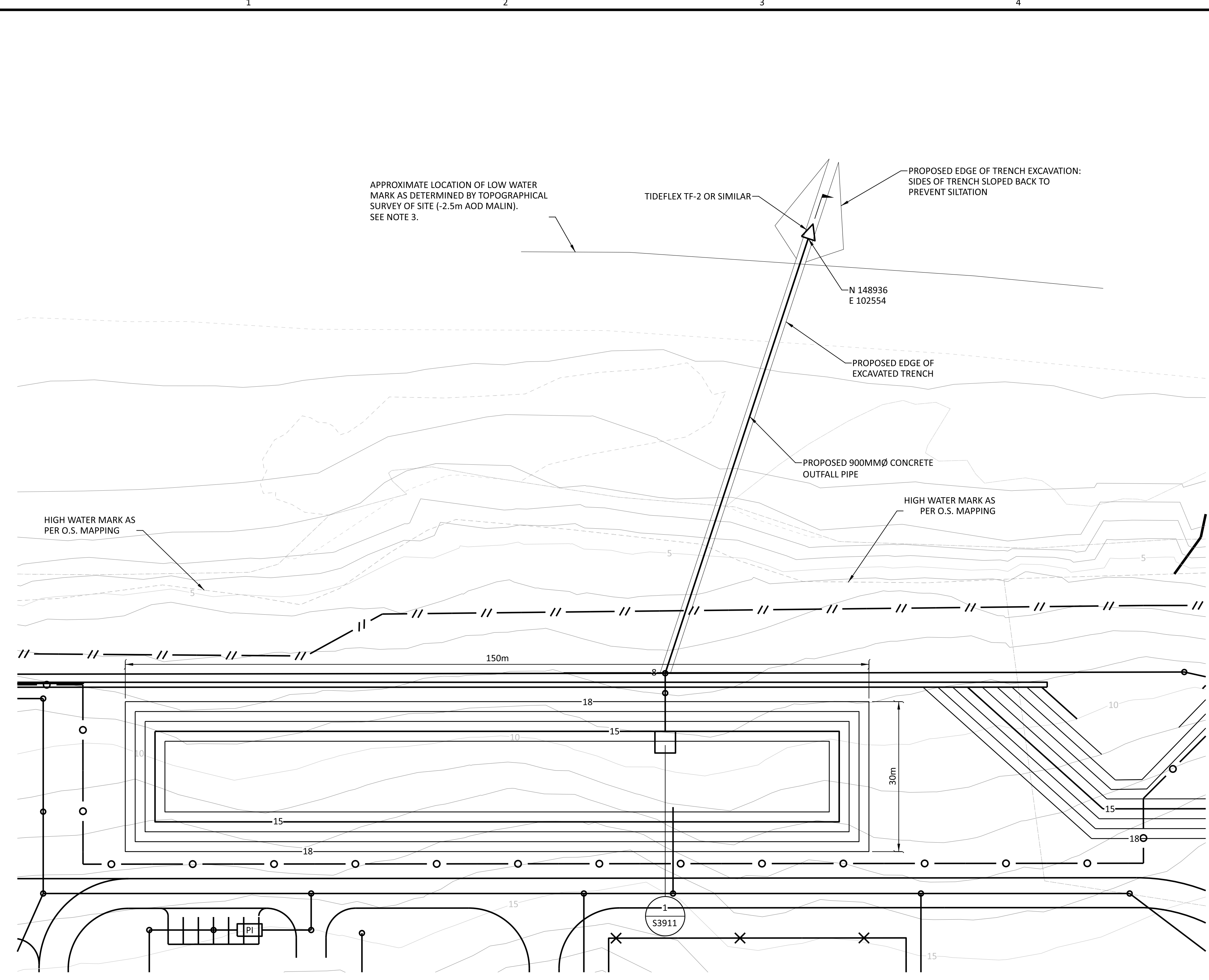
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KANSAS, USA

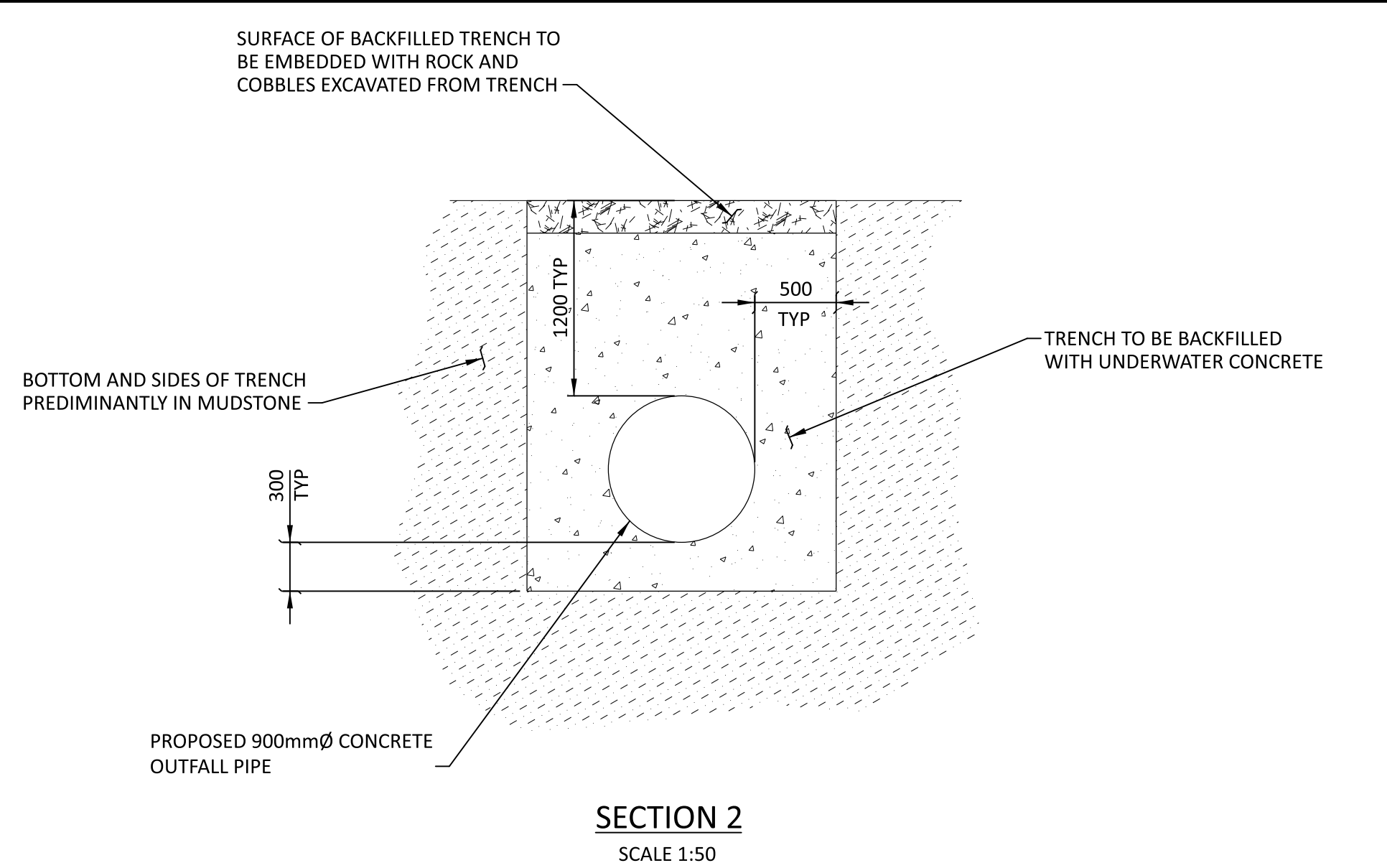
BLACK & VEATCH	
DESIGNER	JDA
DRAWN	BJR
CHECKED	DATE

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SHANNON TECHNOLOGY AND ENERGY PARK (STEP)
ROADS AND PARKING - SITE
TYPICAL ROADS AND PARKING DETAILS

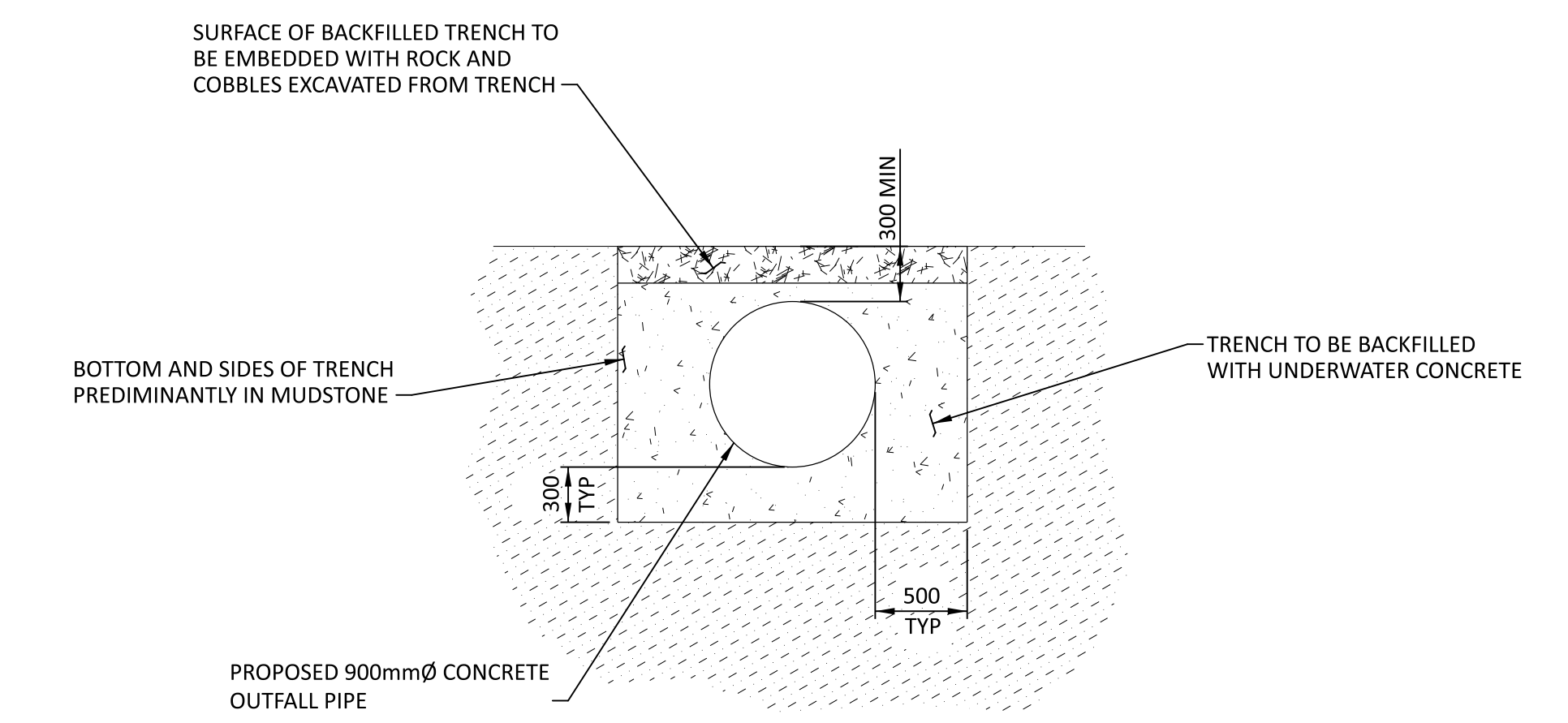
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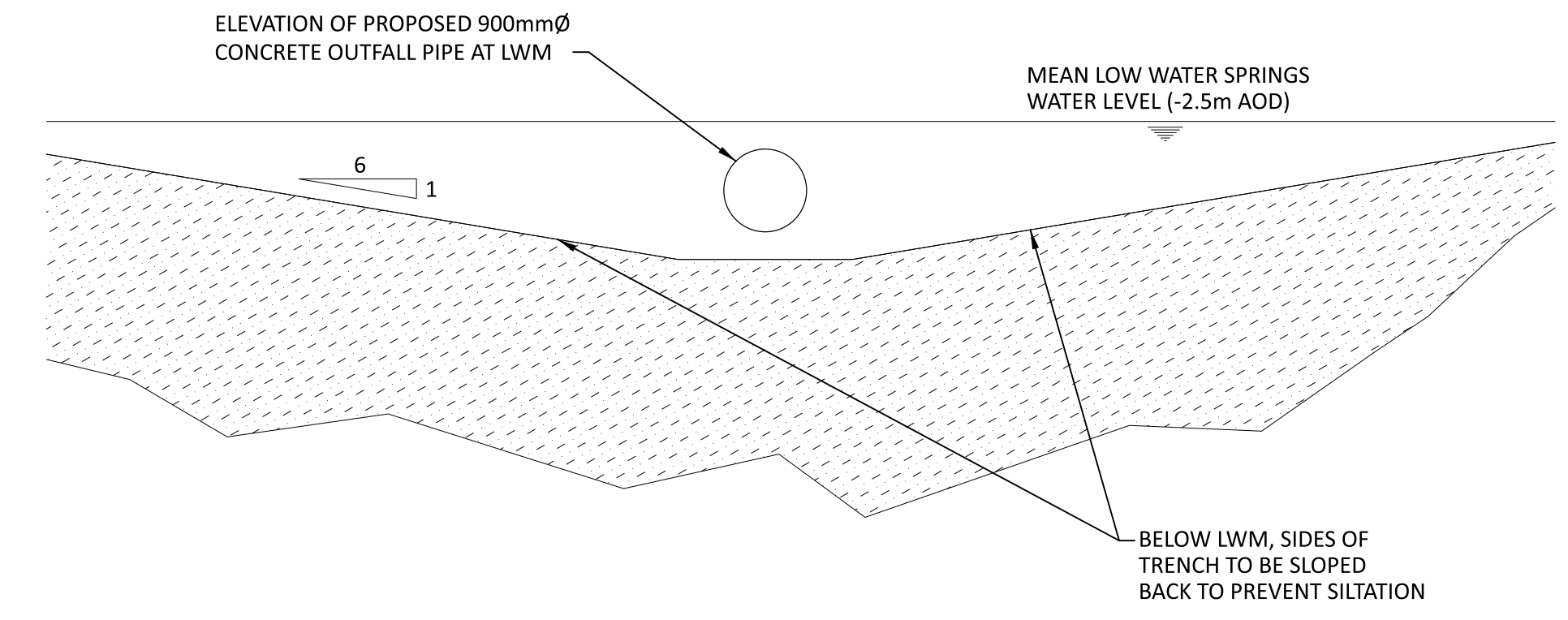
PLAN
SCALE 1:500



SECTION 2
SCALE 1:50



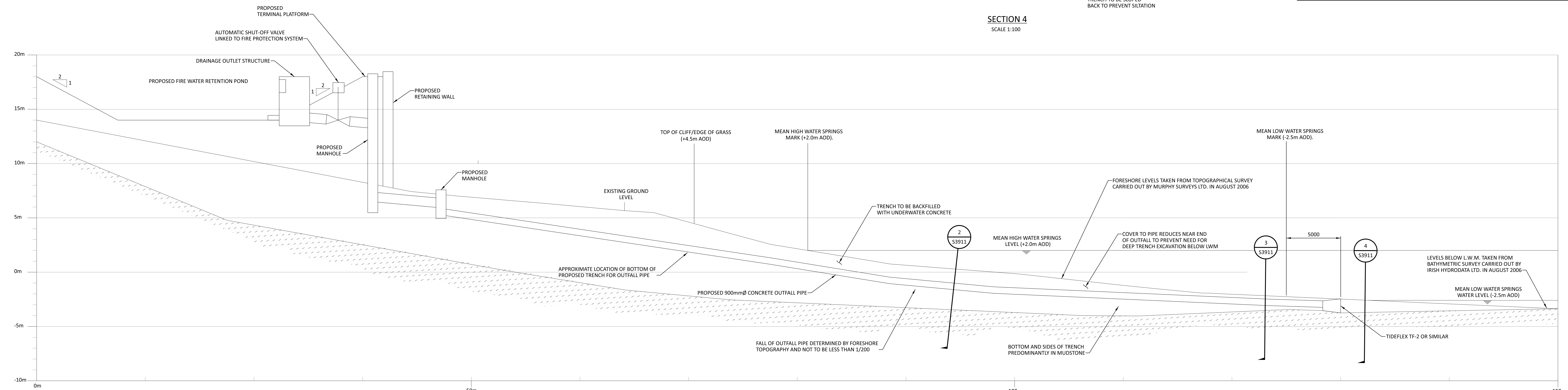
SECTION 3
SCALE 1:50



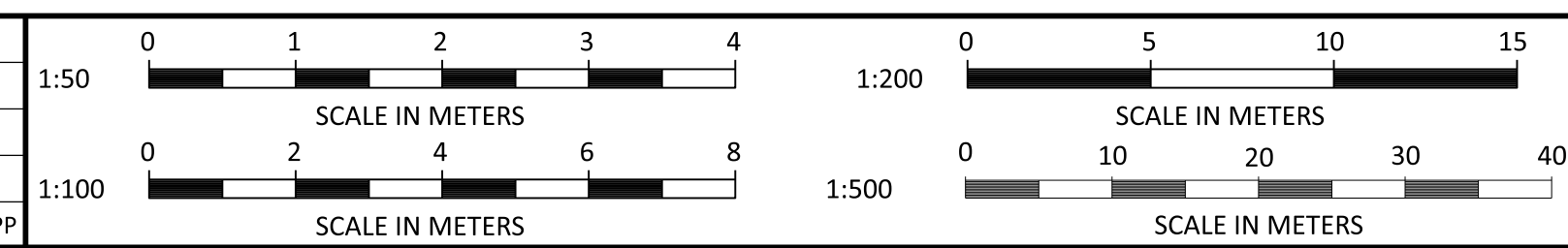
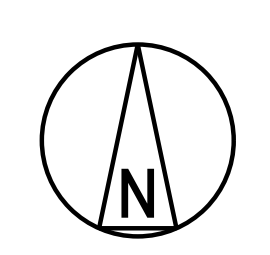
SECTION 4
SCALE 1:100

NOTES

- DO NOT SCALE, USE FIGURED DIMENSIONS ONLY.
- DRAWINGS FOR PLANNING PURPOSES ONLY, NOT FOR BID OR CONSTRUCTION.
- CO-ORDINATES SHOWN ARE TO IRISH NATIONAL GRID IN METRES.



SECTION 1
SCALE 1:200



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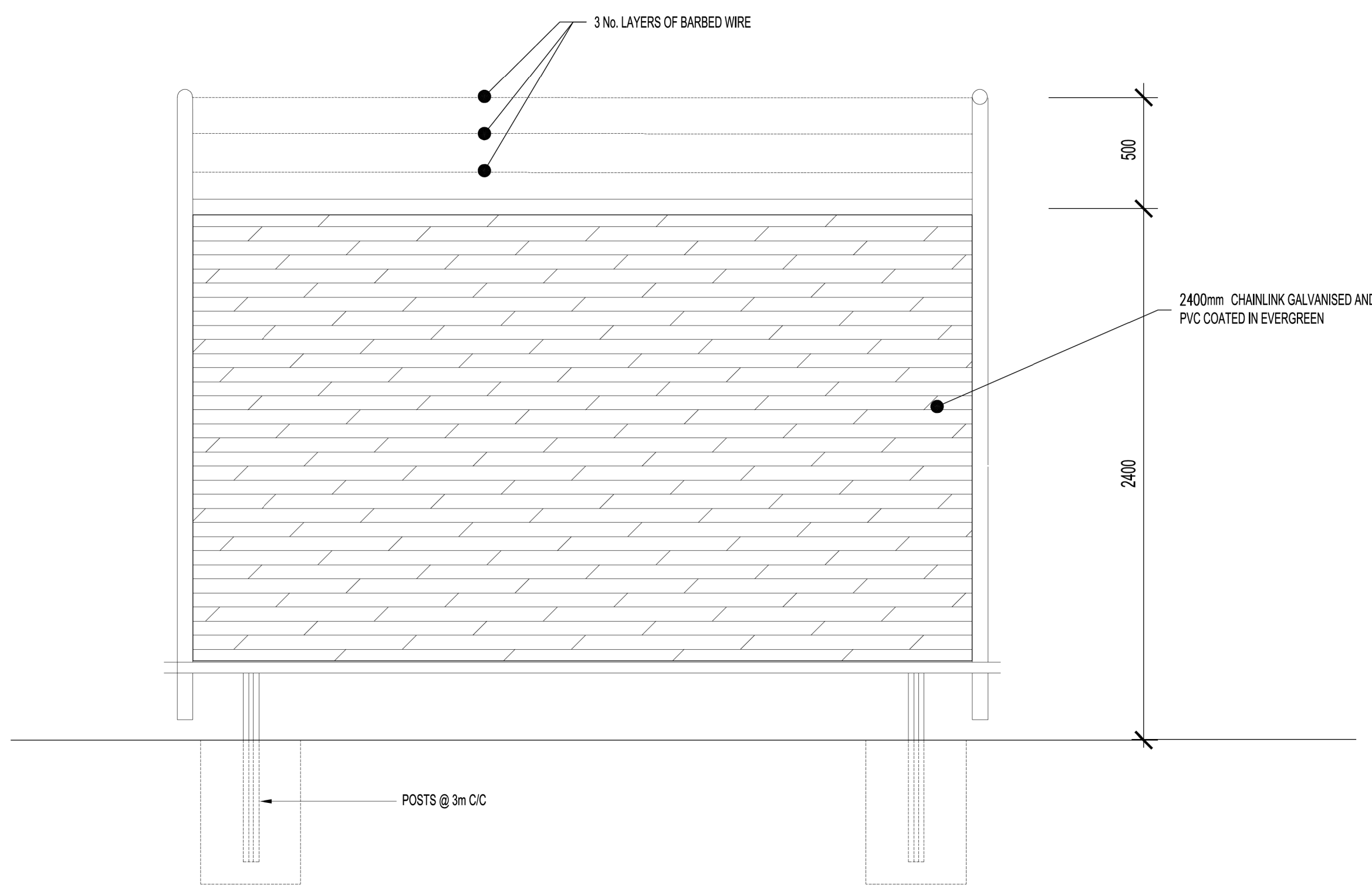
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BLACK & VEATCH

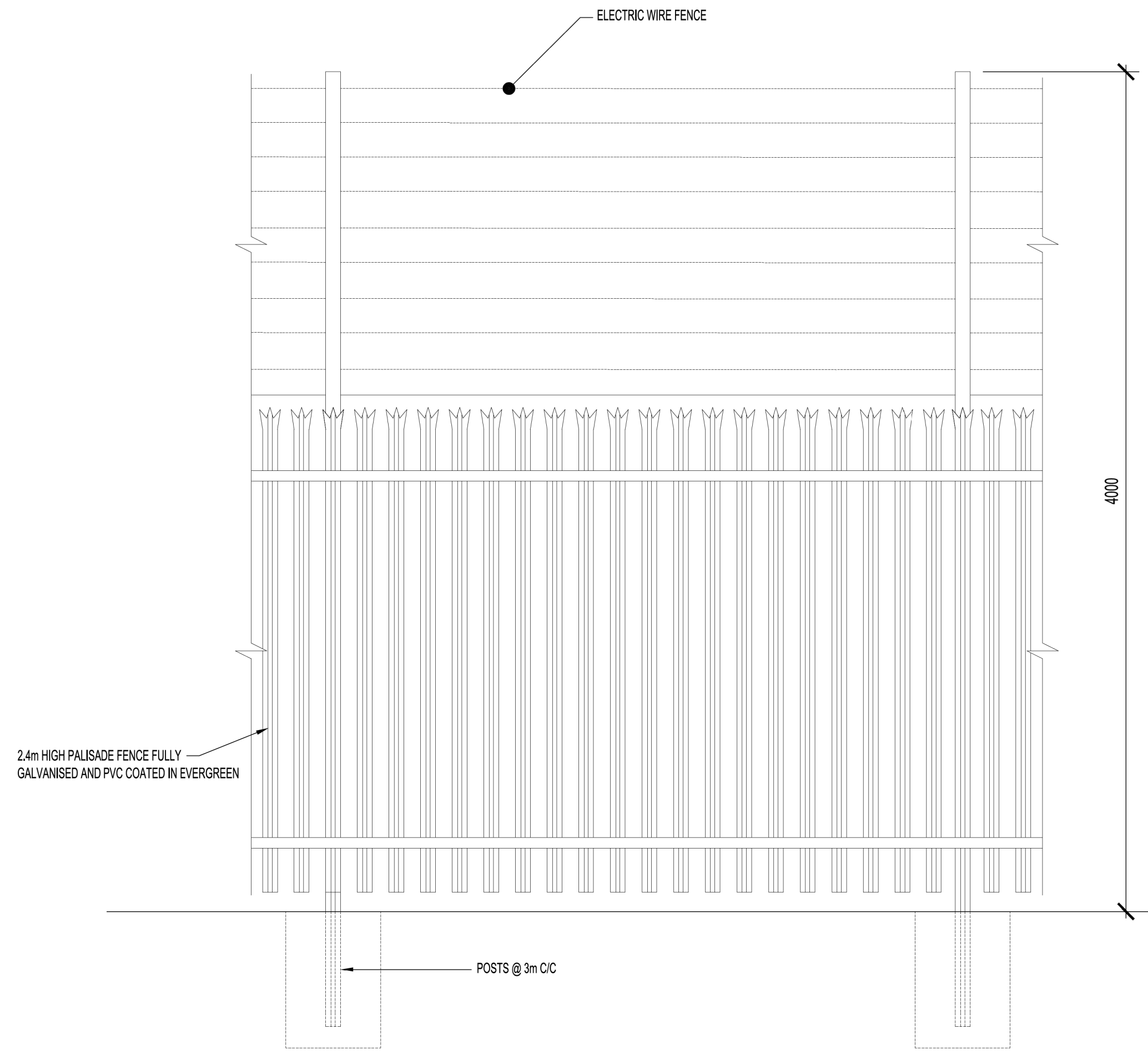
DESIGNER: JDA DRAWN: NJO
 CHECKED: DATE

SHANNON LNG LIMITED
 SHANNON TECHNOLOGY AND ENERGY PARK (STEP)
 FIRE WATER RETENTION POND & OUTFALL PIPE
 PLAN, SECTION & DETAILS

PROJECT	DRAWING NUMBER	REV
198291-1STA-S3911		1
AREA		



PROPOSED 2.9m HIGH CHAINLINK FENCE
SCALE 1:25



PROPOSED 4.0m PALISADE AND ELECTRIC WIRE FENCE DETAIL
SCALE 1:25

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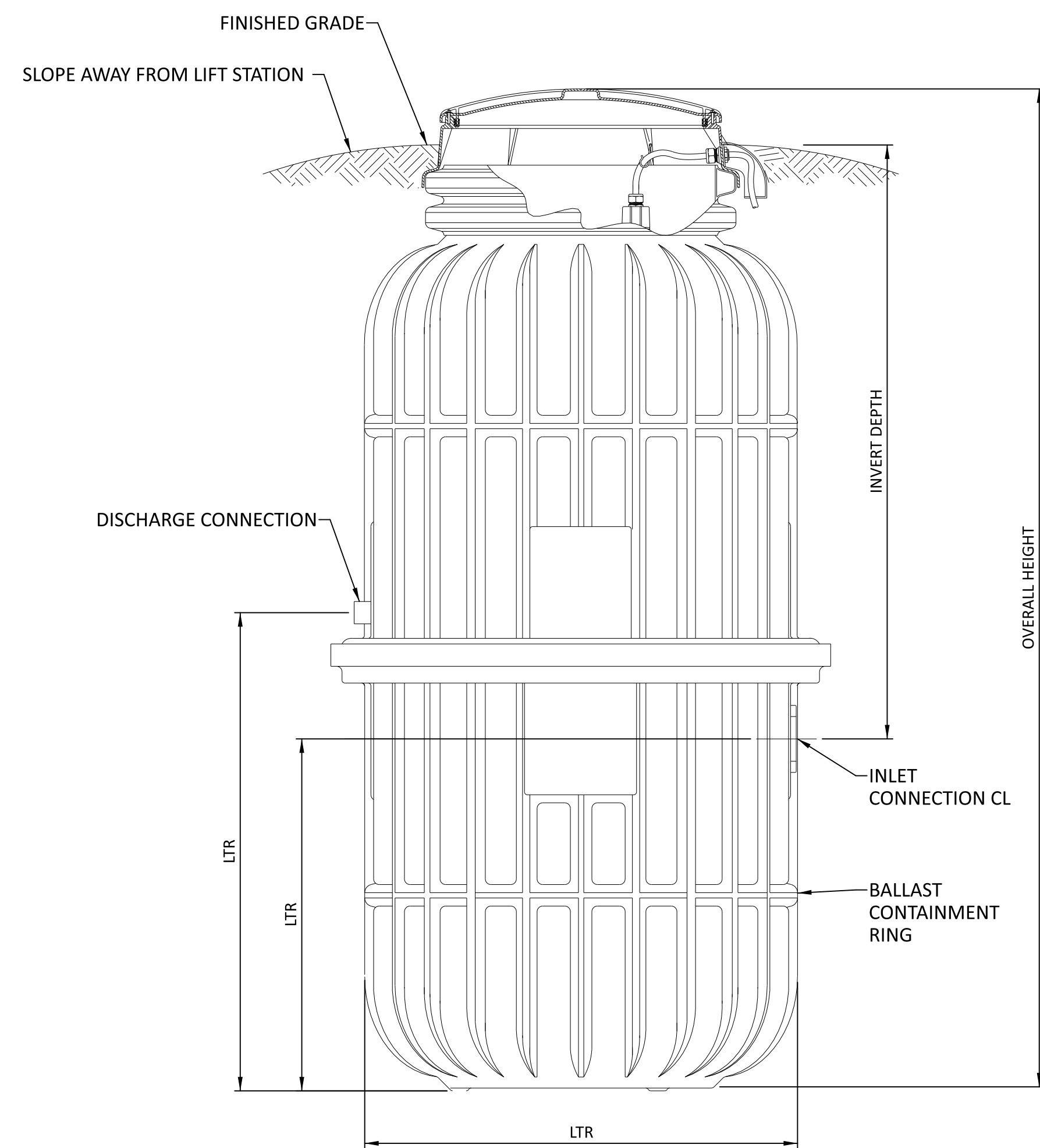
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DESIGNER	JDA	DRAWN	BJR
CHECKED		DATE	

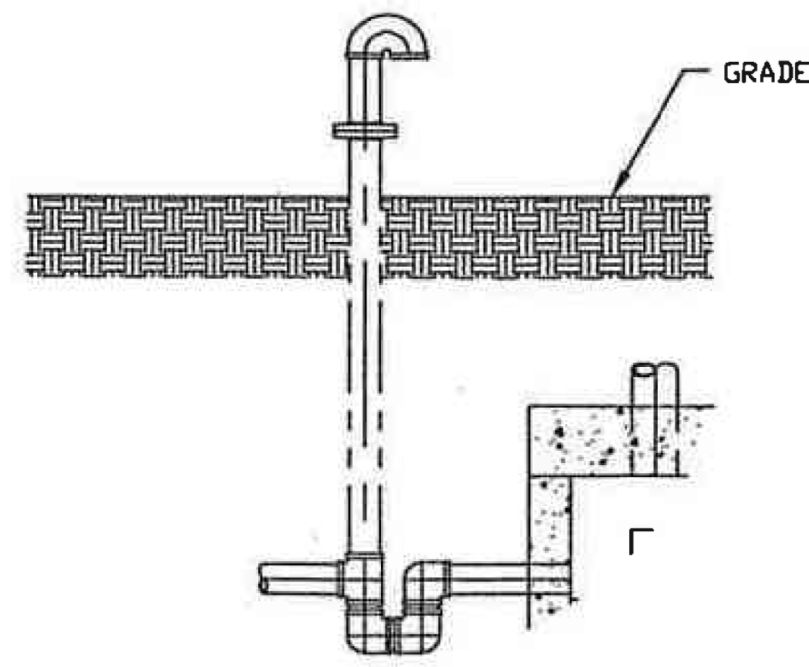
SHANNON LNG LIMITED
SHANNON TECHNOLOGY AND ENERGY PARK (STEP)

PROJECT	198291-1STD-S3915	DRAWING NUMBER		REV	2
TYPICAL FENCING DETAILS		CODE		AREA	

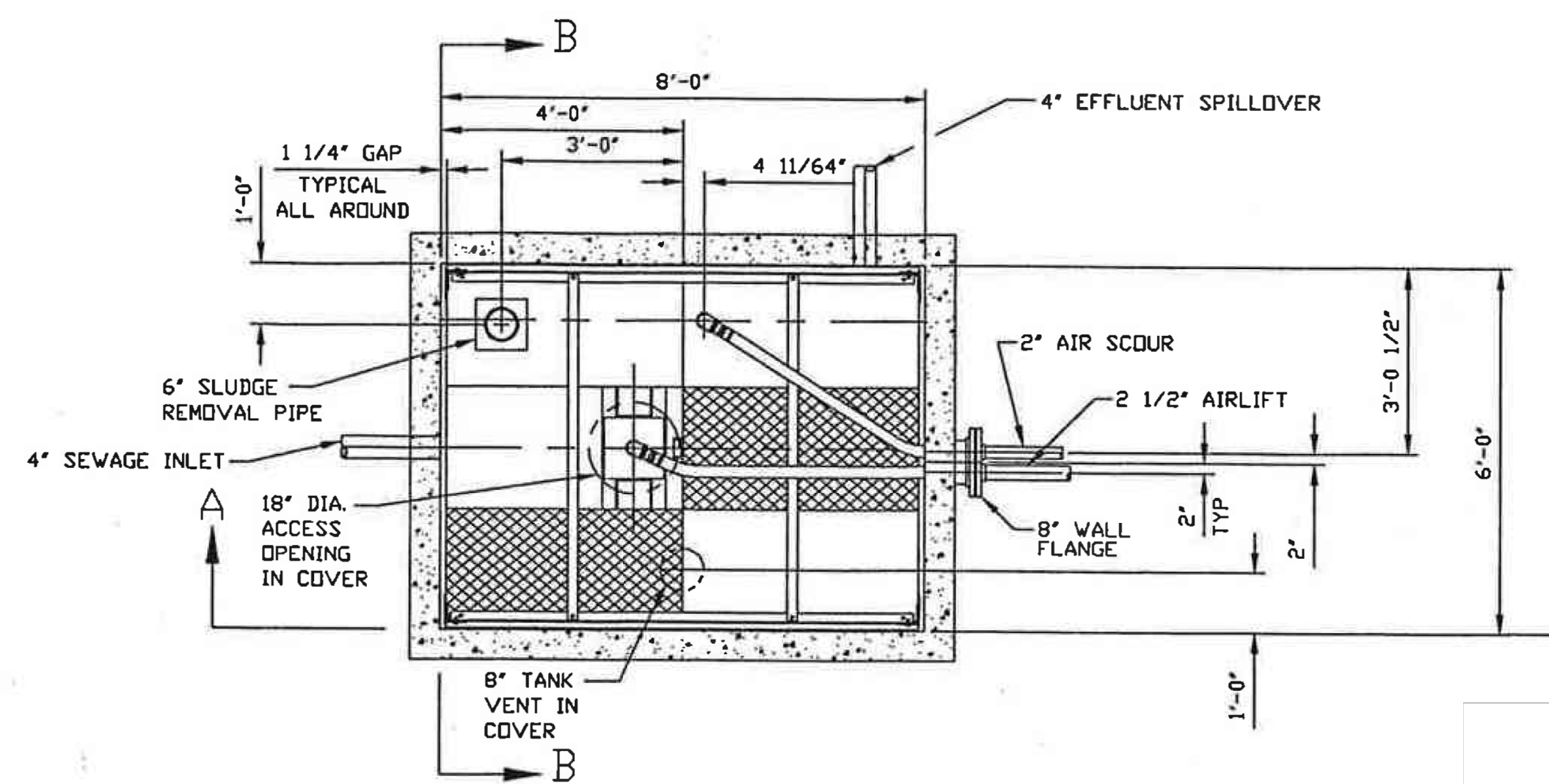
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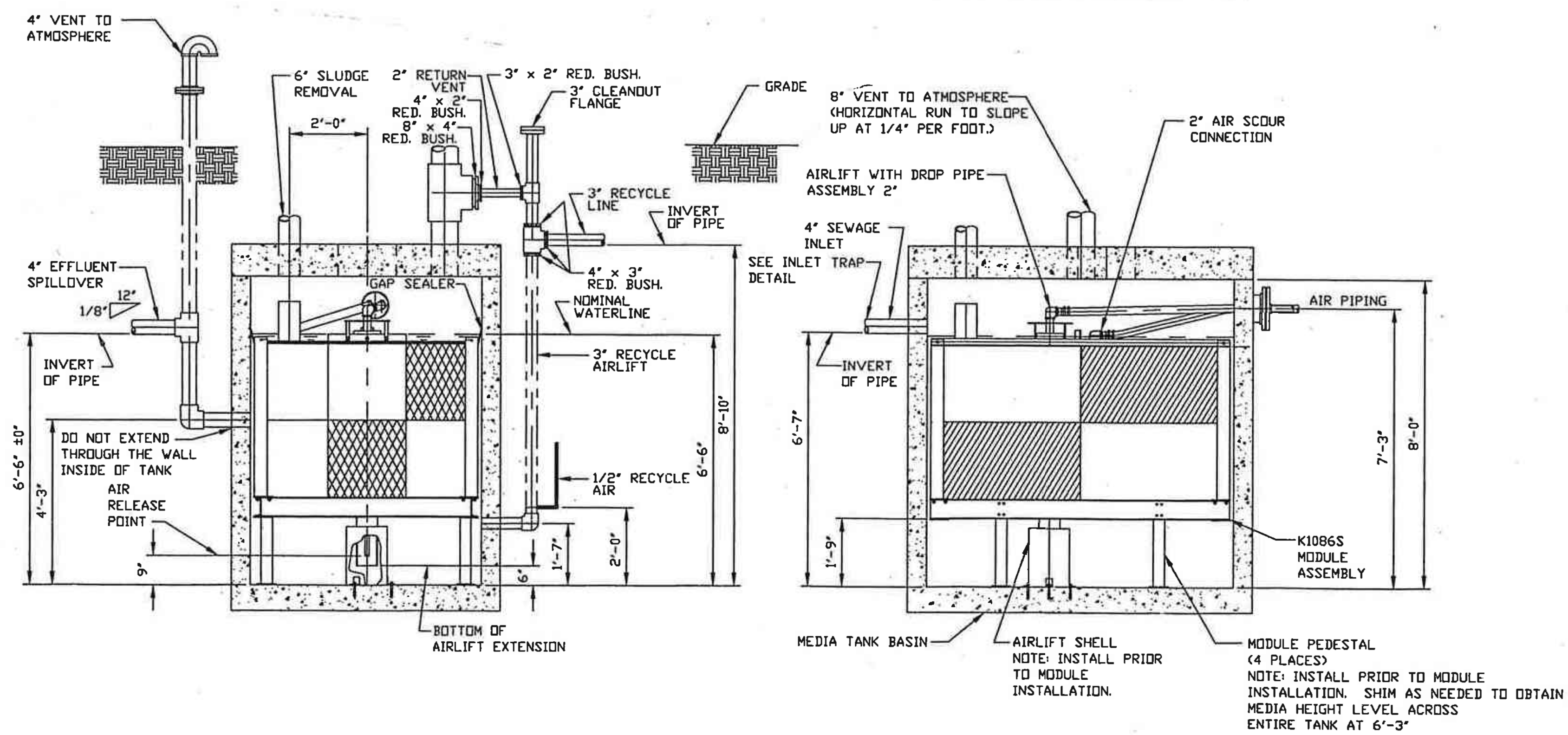
TYPICAL SANITARY LIFT STATION
NO SCALE



INLET TRAP DETAIL



PLAN VIEW - COVER REMOVED



END VIEW - SECTION B-B

ELEVATION - SECTION A-A

TYPICAL WASTE WATER TREATMENT PLANT (WWTP)
NO SCALE

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09/12/2023 10:09 AM Full Size 1=1

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KANSAS, USA

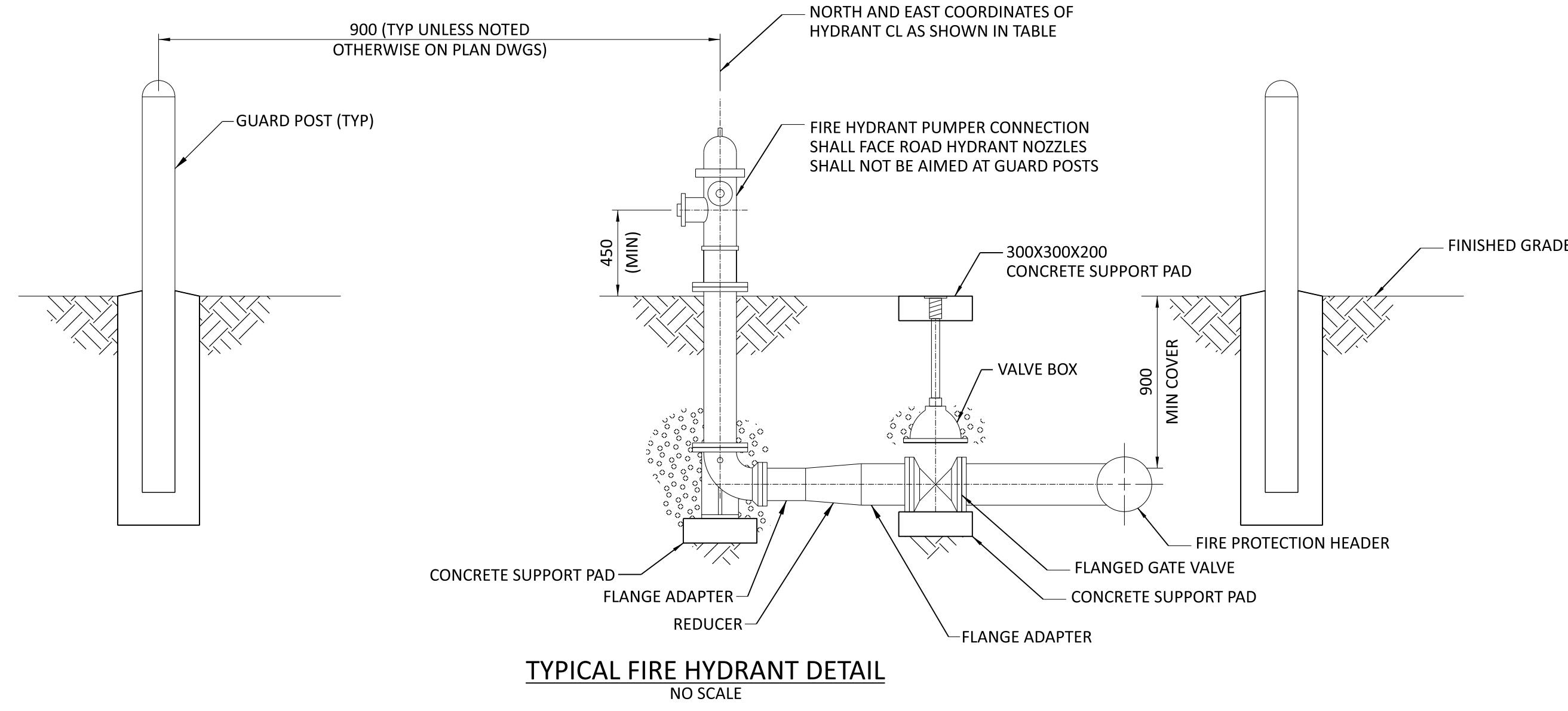
BLACK & VEATCH	
DESIGNER JDA	DRAWN BJR
CHECKED	DATE

SHANNON LNG LIMITED
SHANNON TECHNOLOGY AND ENERGY PARK (STEP)
SANITARY LAYOUT - SITE
TYPICAL LIFT STATION DETAILS

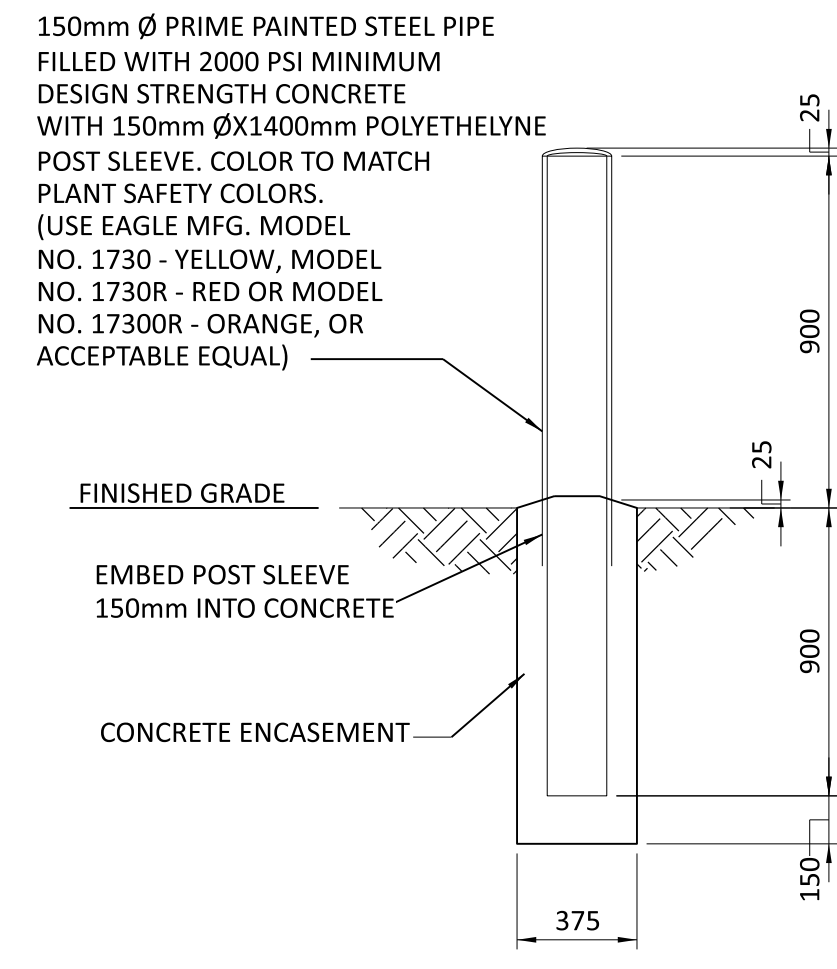
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198291-1STU-S3960		2
AREA		

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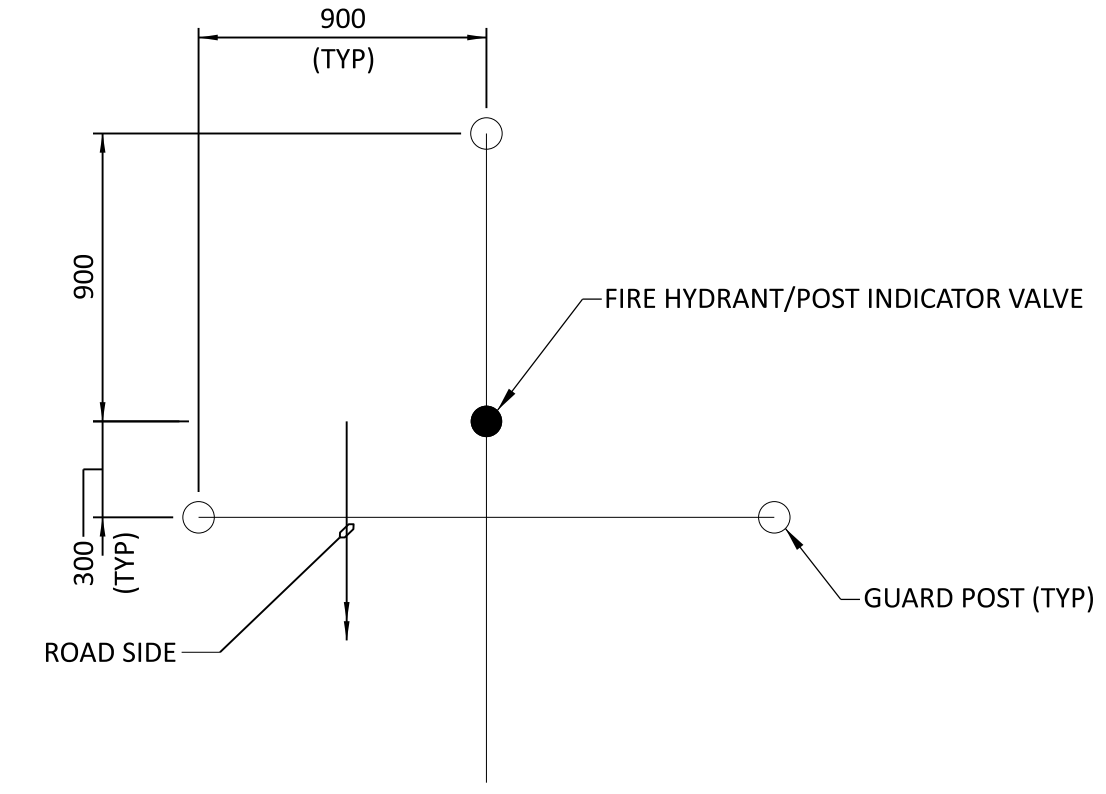
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TYPICAL FIRE HYDRANT DETAIL
NO SCALE



TYPICAL GUARD POST
NO SCALE

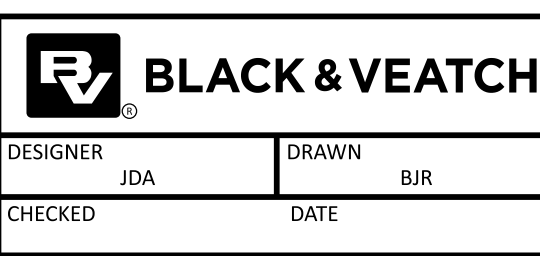


FIRE HYDRANT/POST INDICATOR VALVE
GUARD POST LOCATION PLAN
NO SCALE

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09/12/2023 10:09 AM File Size 1=1

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KANSAS, USA



SHANNON LNG LIMITED
SHANNON TECHNOLOGY AND ENERGY PARK (STEP)
FIRE WATER LAYOUT - SITE
TYPICAL FIRE WATER DETAILS

DESIGNER	DRAWN	CHECKED	DATE	PROJECT	DRAWING NUMBER	REV
JDA	BJR			198291-1STU-S3962		2

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