

Southwest Calgary Ring Road

Public Advisory

March 3, 2021

Noise Attenuation Walls – Stony Trail SW, South
of 130 Ave SW (Community of Woodbine)

WHAT: KGL is preparing for the construction of the permanent noise attenuation walls along Southwest Calgary Ring Road. Installation will occur in three phases: (1) Pile Foundation Installation, (2) Noise Wall Panel Installation & (3) Finishing, Painting & Cleanup.

This construction activity is the culmination of 2-years of design to ensure that surrounding communities are protected from noise levels which exceed a 24-hour weighted average of 65 decibels as per the provincial guidelines for noise mitigation.

WHERE: South of 130 Ave SW, adjacent to the pedestrian pathway located on the west side of the community of Woodbine. See enclosed map for more details.

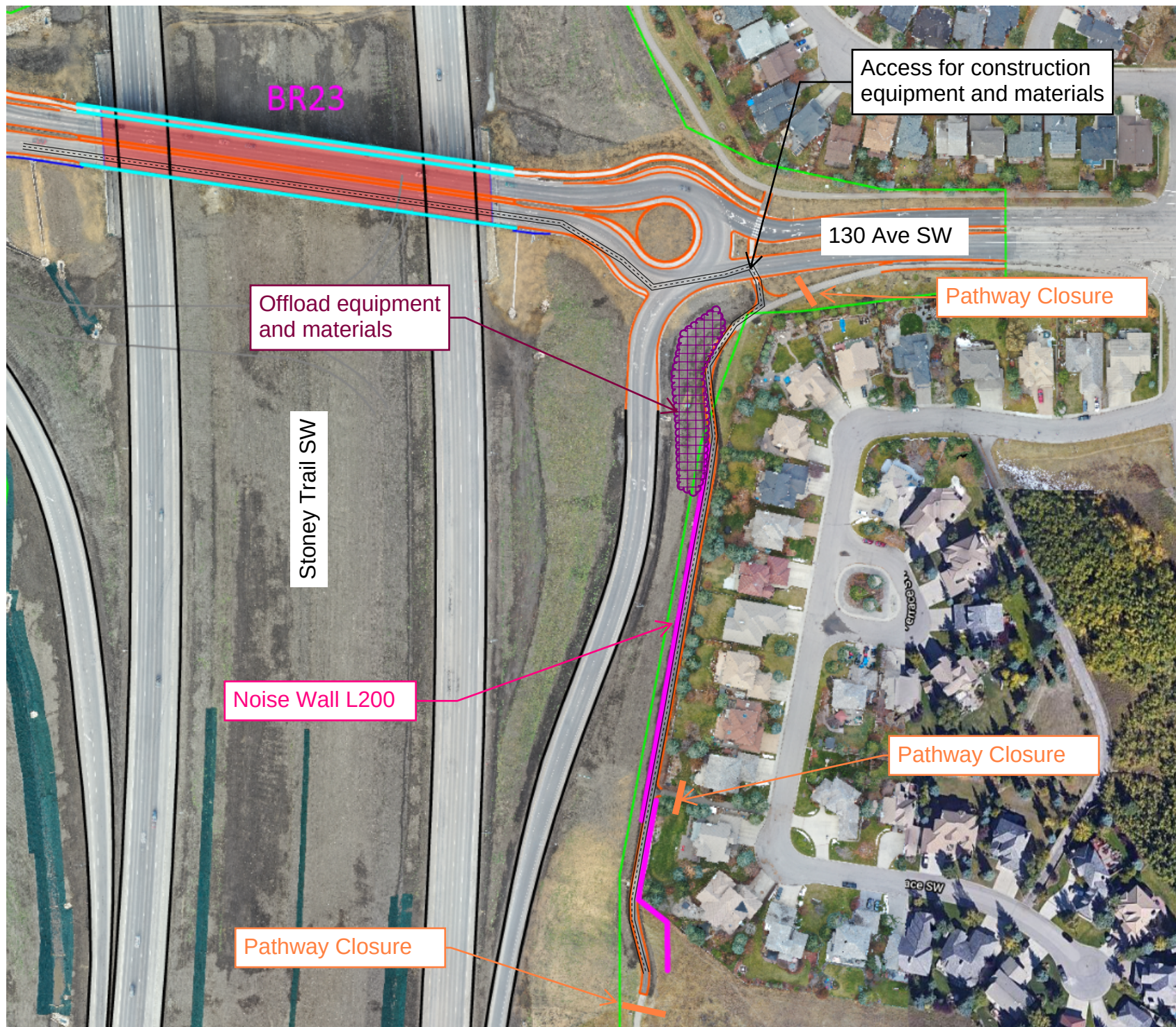
WHEN: Specific construction start dates are currently being finalized. Piling activity is anticipated to begin early-April. Panel installation activity is anticipated to begin mid-May. Finishing, painting & cleanup is anticipated to begin in early-June. A Construction Advisory will be sent approximately 2 weeks prior to the beginning of construction with additional details.

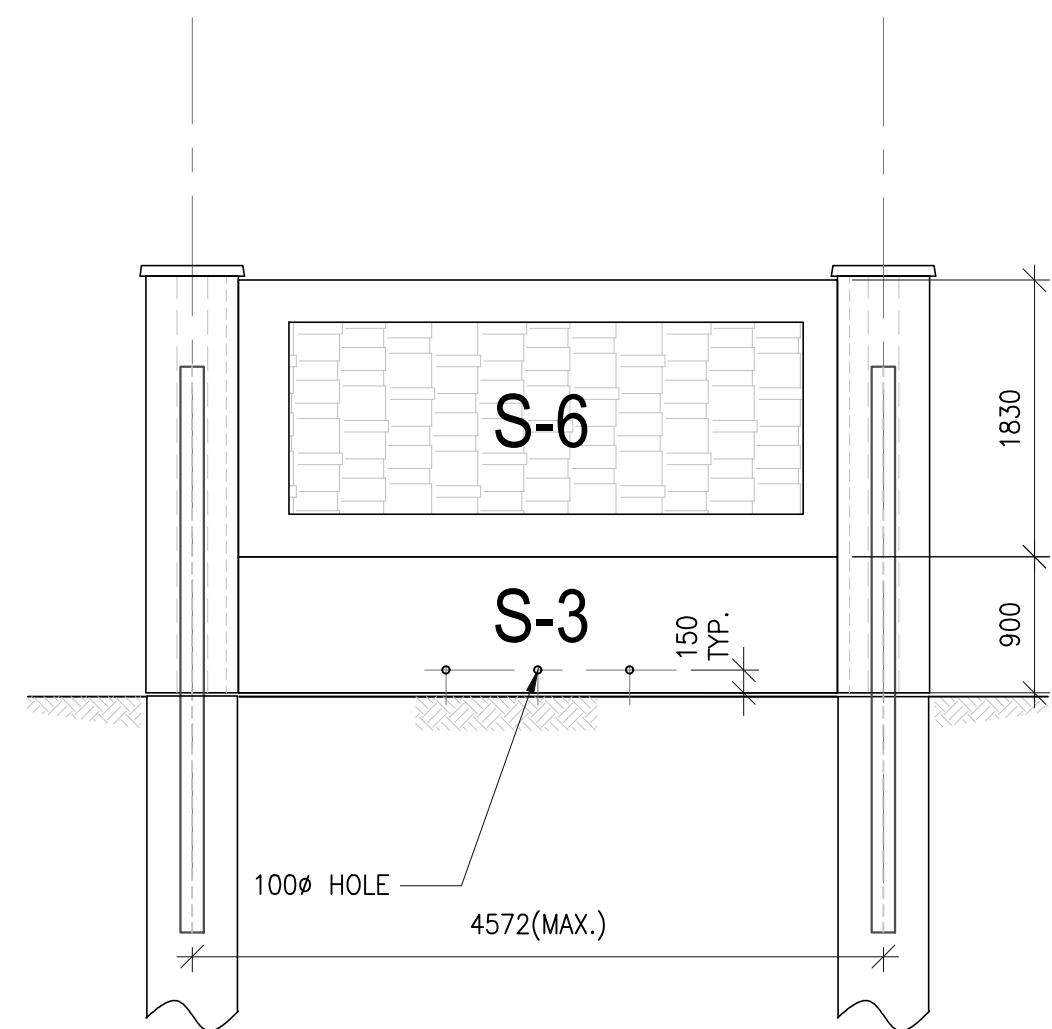
WORK HOURS: Further details will be provided as part of the construction notice.

ANTICIPATED IMPACTS: Residents may notice construction noise and construction equipment traffic on 130 Ave SW & the pedestrian pathway located to the west of the community of woodbine, south of 130 Ave SW. Residents will also notice temporary pathway closures to allow for the delivery of construction equipment and materials.

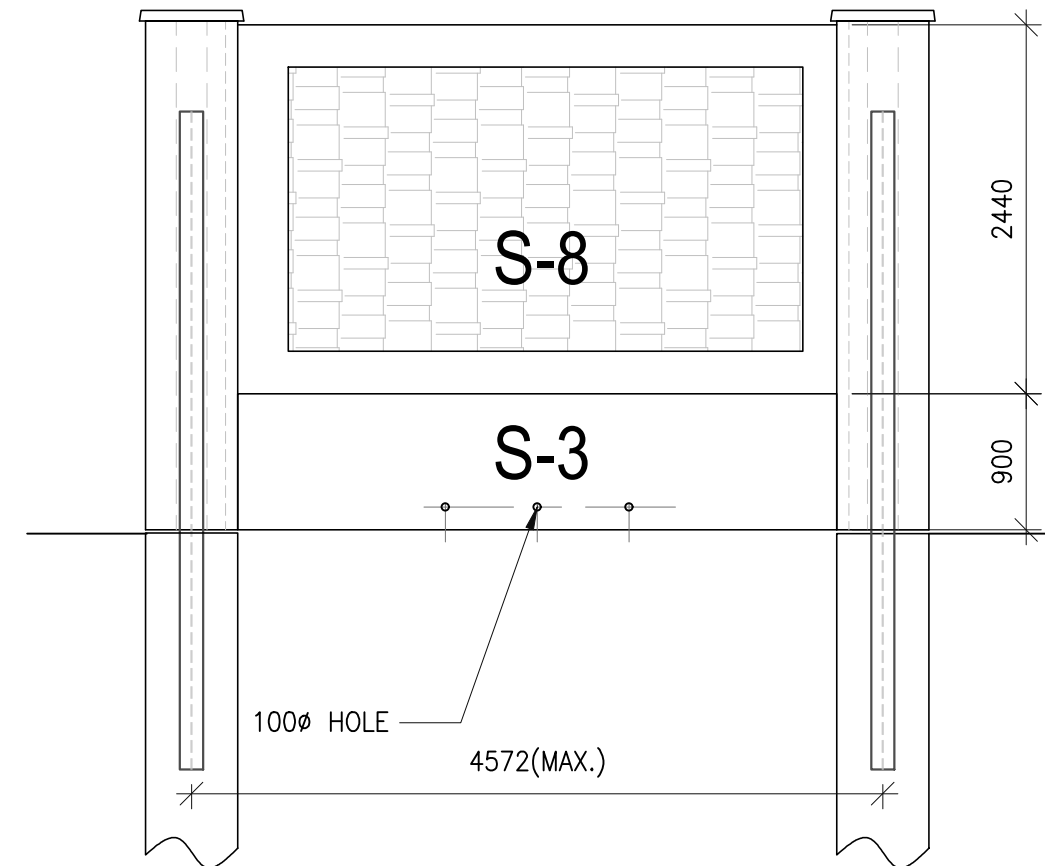
OTHER INFORMATION: Crews will be in the area planning the sound wall construction throughout the winter and spring of 2021. Please visit <http://www.swcrrproject.com/about/information-sessions/> for more details.

Thank you in advance for your patience and cooperation. For addition information call 403-212-0565 or email info@SWCRRproject.com.

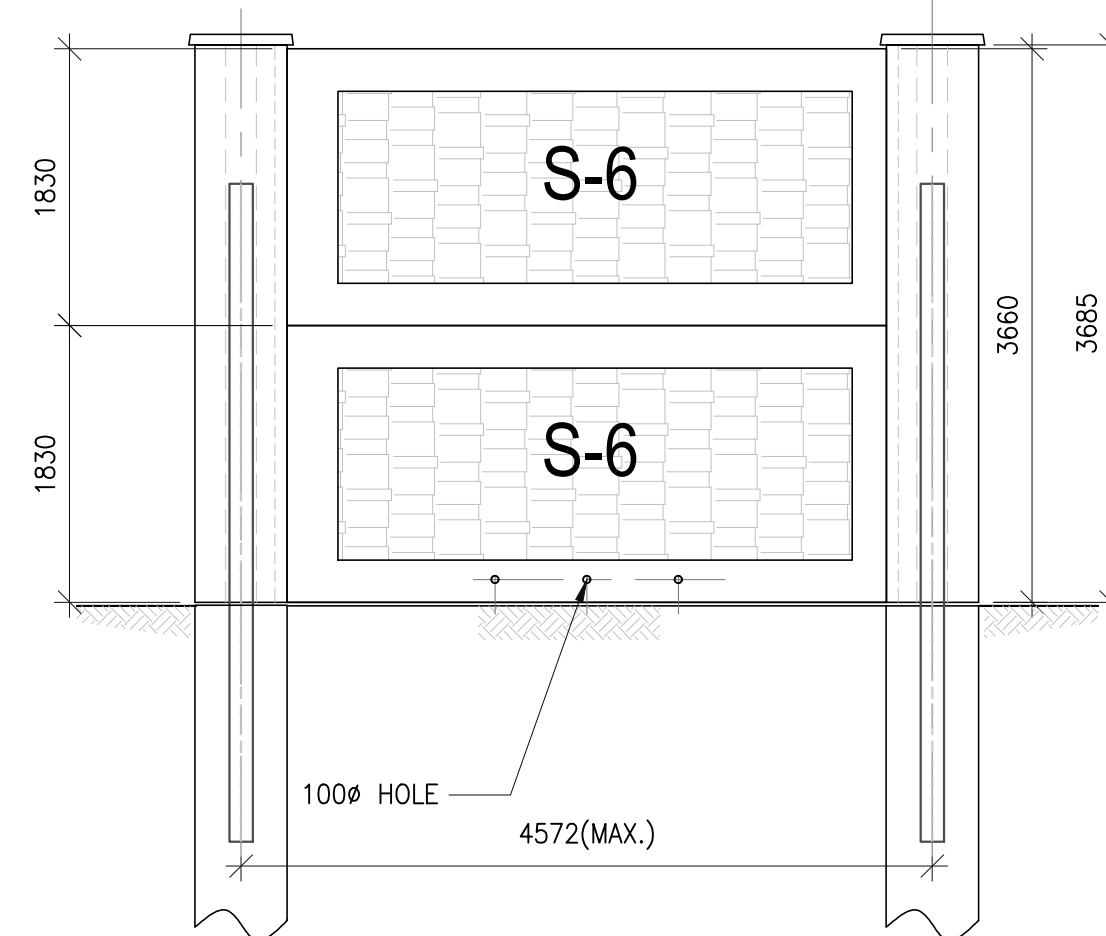




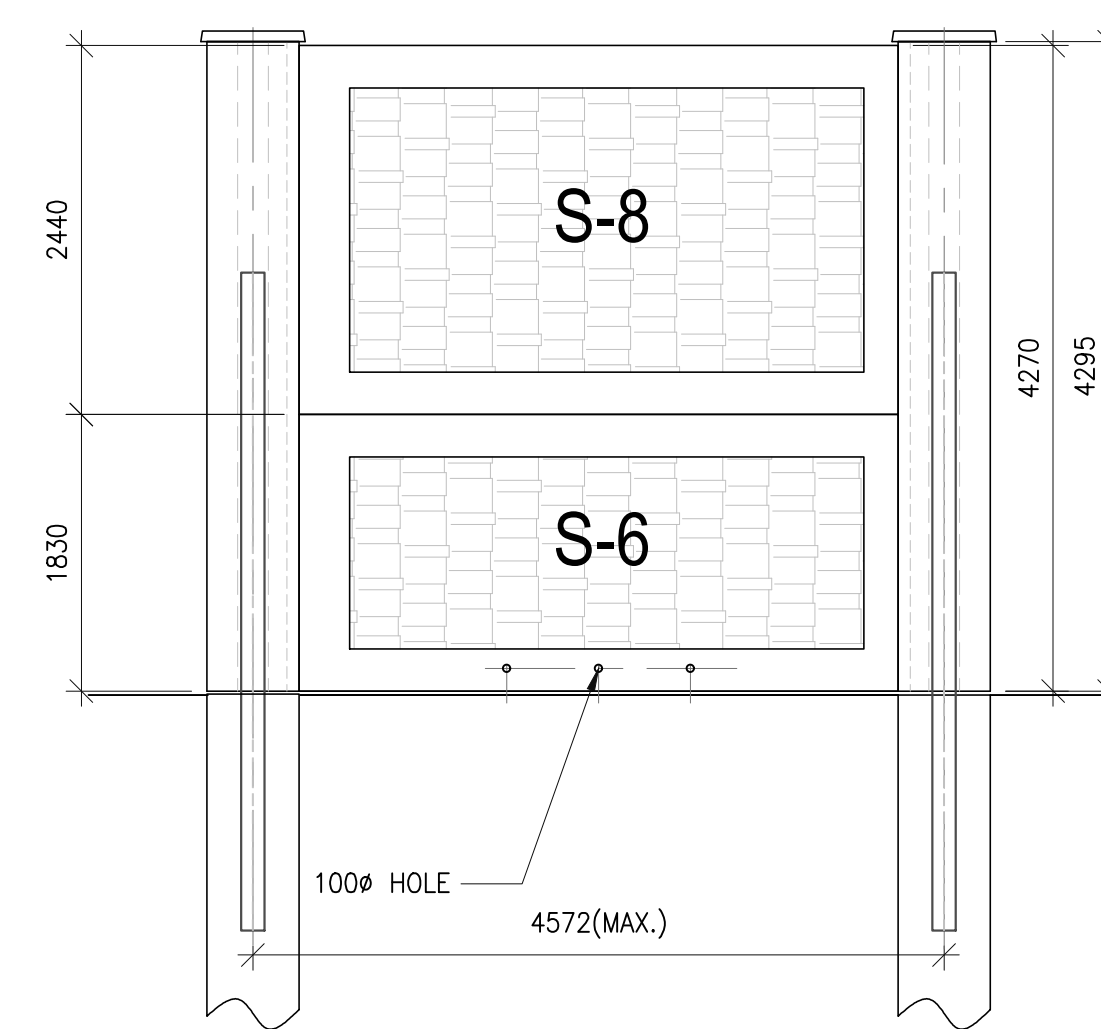
1
S-4 NOISE BARRIER PANEL ELEVATION 900 + 1830 = 2730
SCALE 1:50



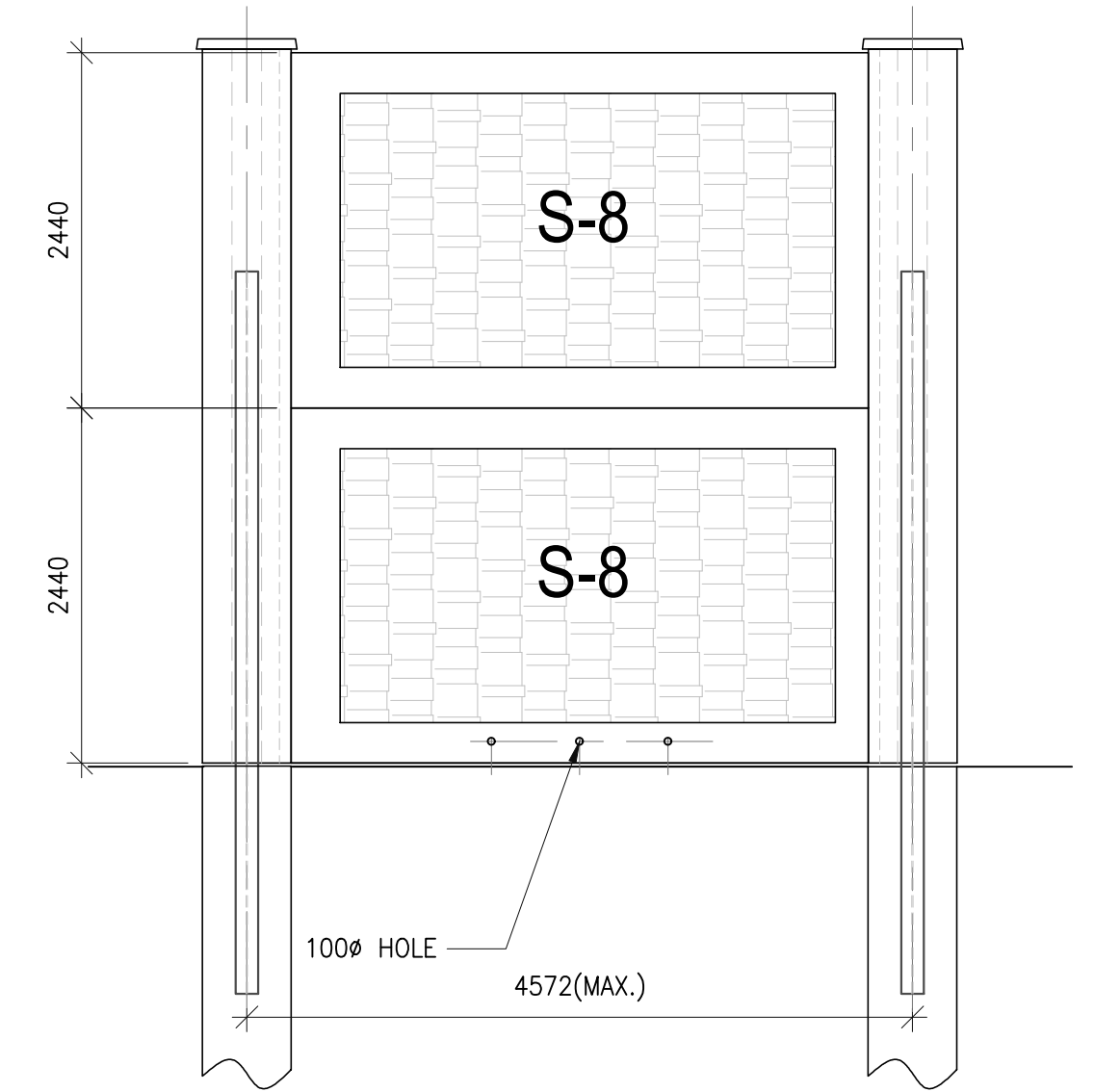
2
S-4 NOISE BARRIER PANEL ELEVATION 900 + 2440 = 3340
SCALE 1:50



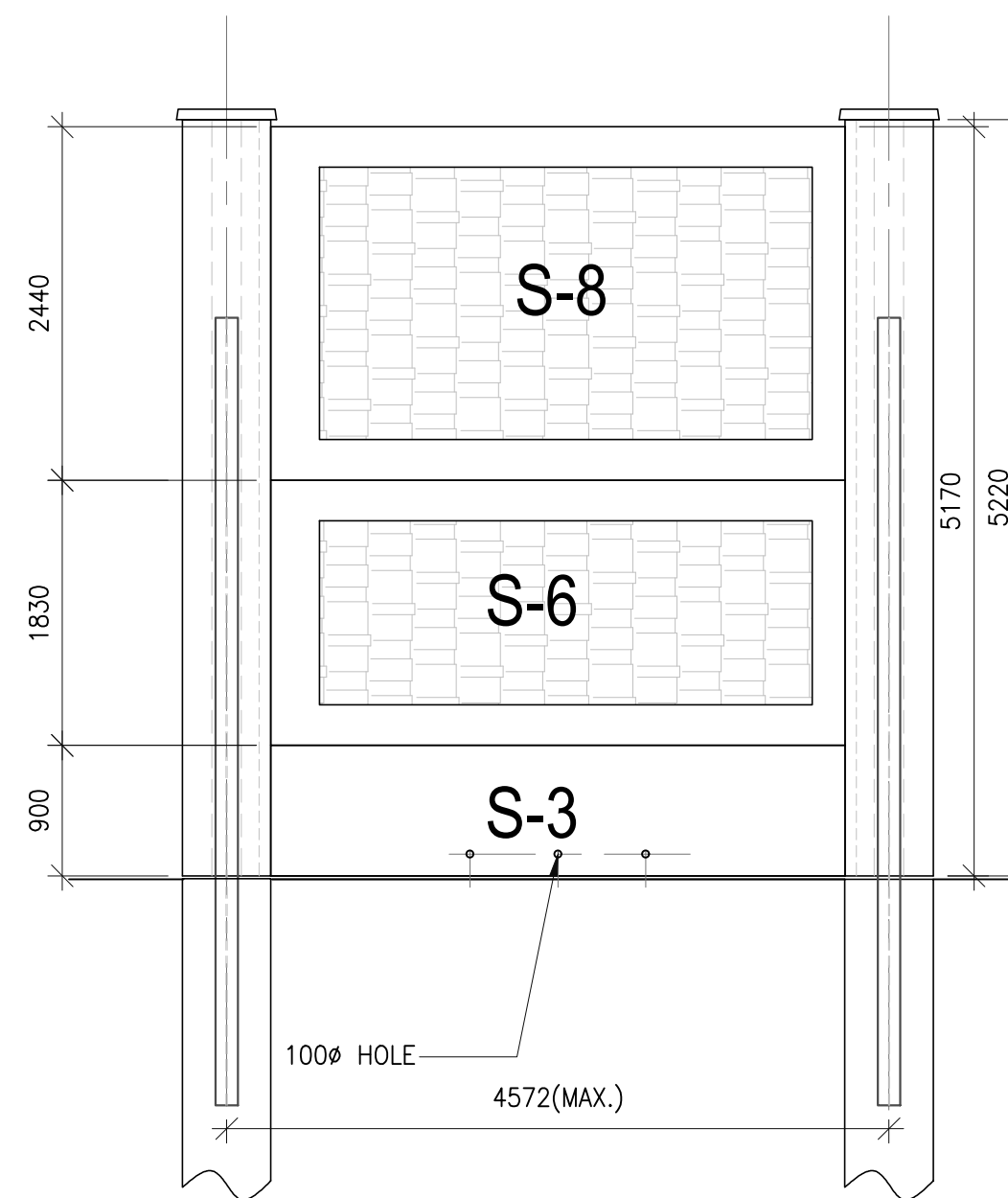
3
S-4 NOISE BARRIER PANEL ELEVATION 1830 + 1830 = 3660
SCALE 1:50



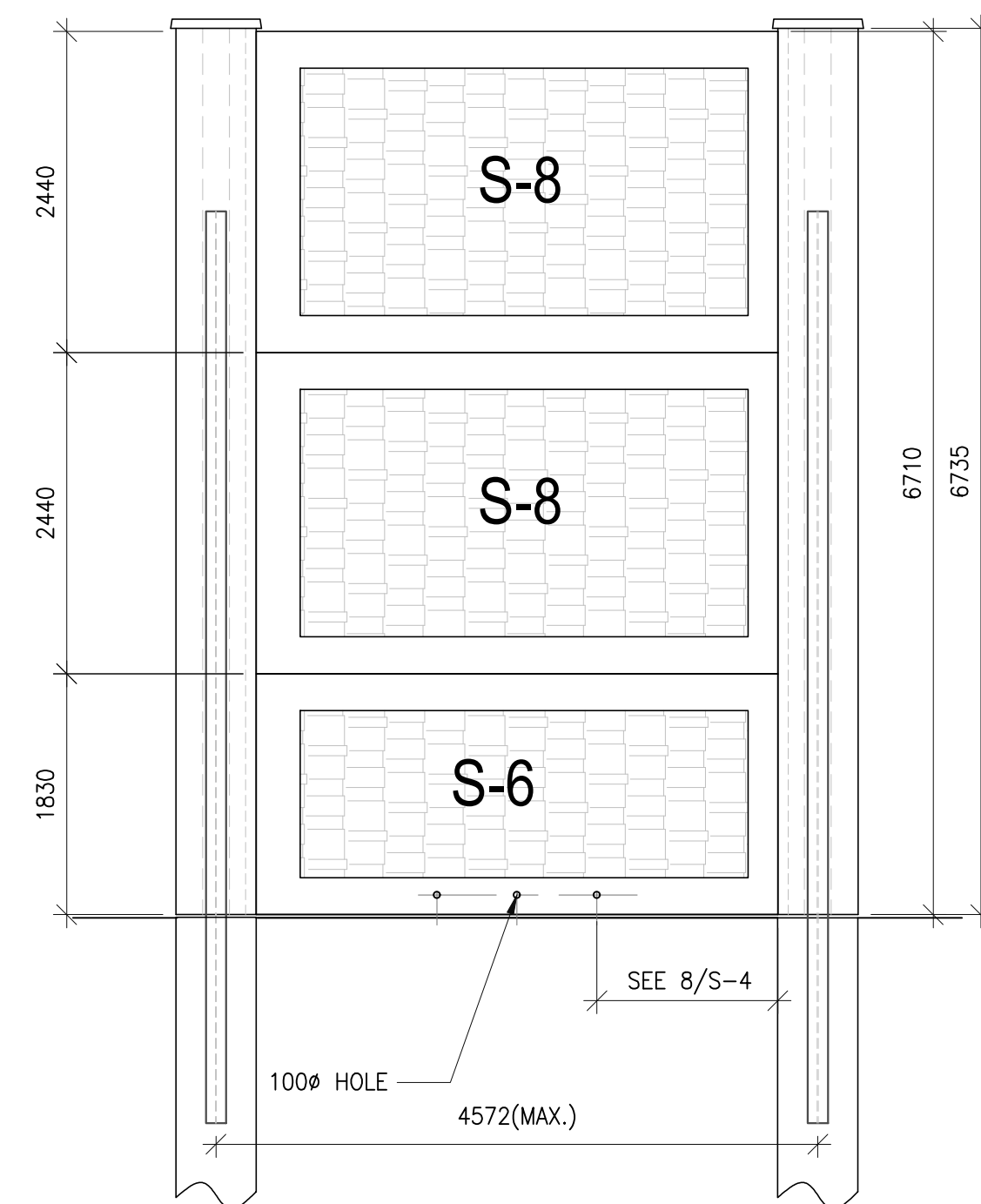
4
S-4 NOISE BARRIER PANEL ELEVATION 1830 + 2440 = 4270
SCALE 1:50



5
S-4 NOISE BARRIER PANEL ELEVATION 2400 + 2440 = 4800
SCALE 1:50



6
S-4 NOISE BARRIER PANEL ELEVATION 900 + 1830 + 2440 = 5170
SCALE 1:50



7
S-4 NOISE BARRIER PANEL ELEVATION 1830 + 2440 + 2440 = 6710
SCALE 1:50

PANEL NOTATION
S-3 - 36" PANEL
S-6 - 72" PANEL
S-8 - 96" PANEL

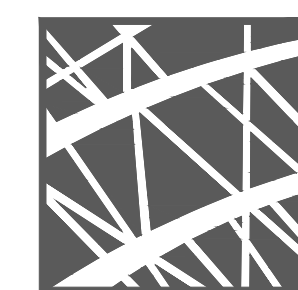
Please refer to IFC drawings below for exact dimensions.
The images on this page indicate examples from
preciously installed structures and typical panel sizes.
The paint color will be Concrete Grey



No.	DRAWING ISSUED	DATE	DRAWN BY	CHECKED BY	APP. BY
1	ISSUED FOR REVIEW	17/11/2020			

SEAL AND PERMIT:	PERMIT TO PRACTICE KTA STRUCTURAL ENGINEERS LTD. Signature: <i>David P. Thompson</i> Date: <i>Nov 17, 2020</i> PERMIT NUMBER: P 8152 The Association of Professional Engineers, Geologists and Geophysicists of Alberta
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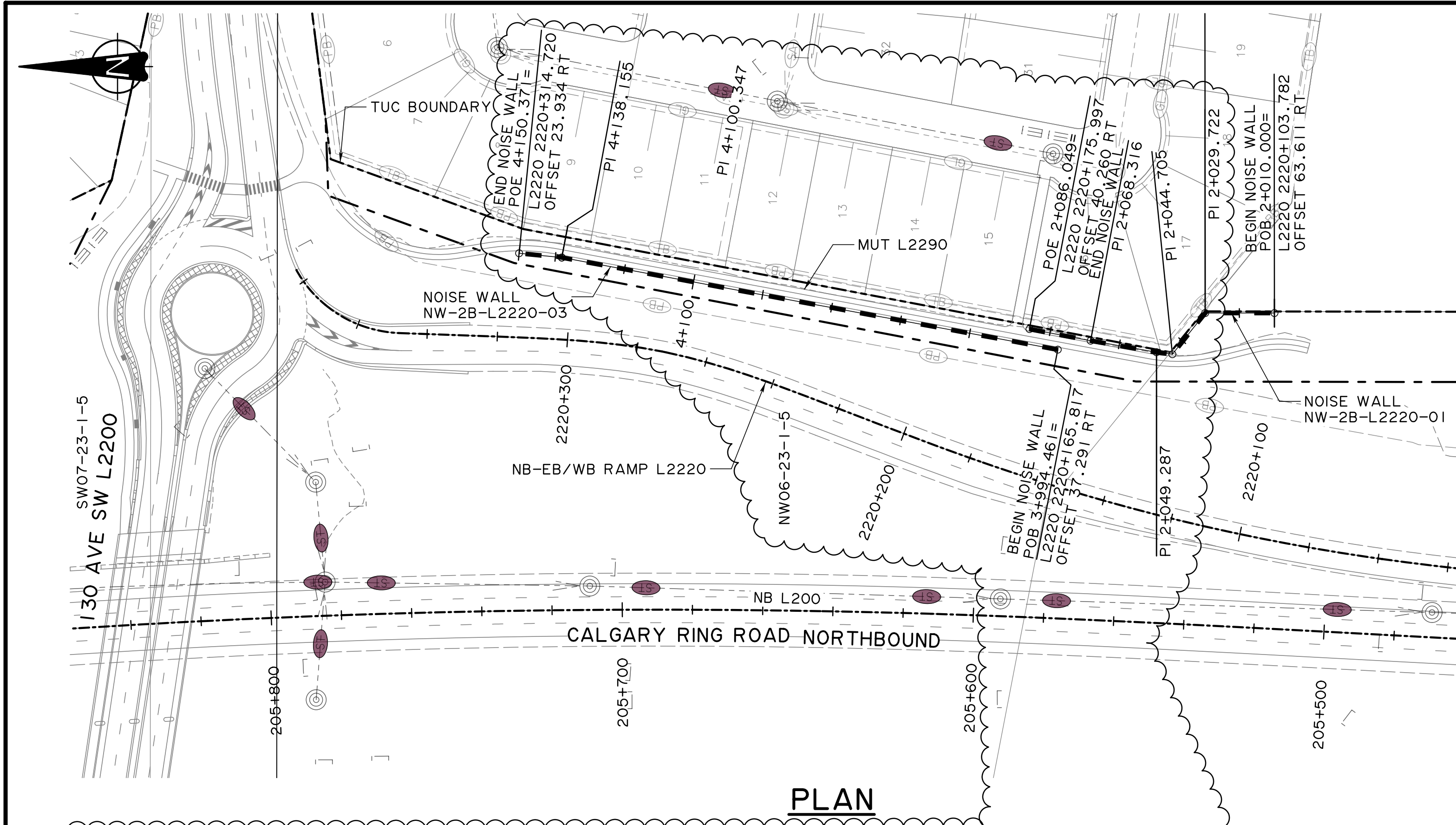
CHECKING ENGINEER	<i>David P. Thompson</i> 15 DEC., 2020
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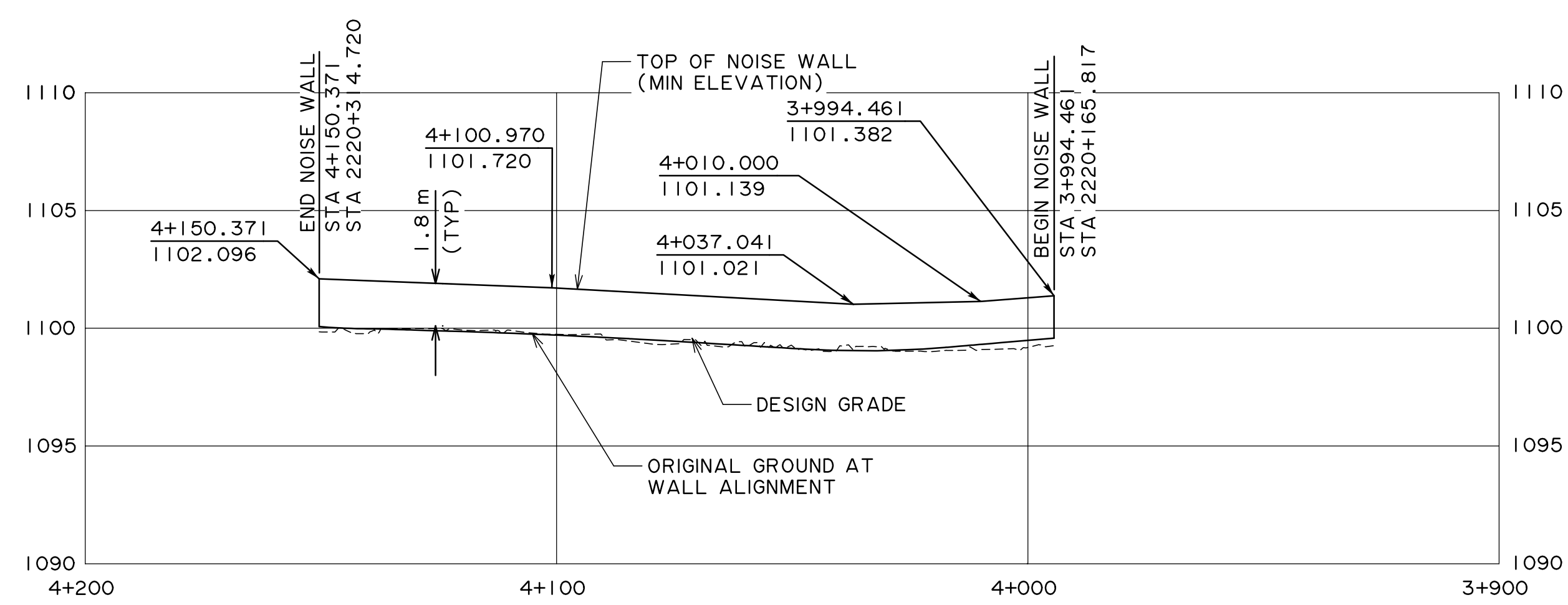
kta
structural engineers
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CALGARY, ALBERTA T2H 2K6
TEL. (403) 265-4405
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CLIENT:	DDS CONSULTING LTD.
PROJECT NAME:	SOUTHWEST CALGARY RING ROAD
PROJECT ADDRESS:	CALGARY, ALBERTA
DRAWING NAME:	DDS PANELS DETAILS

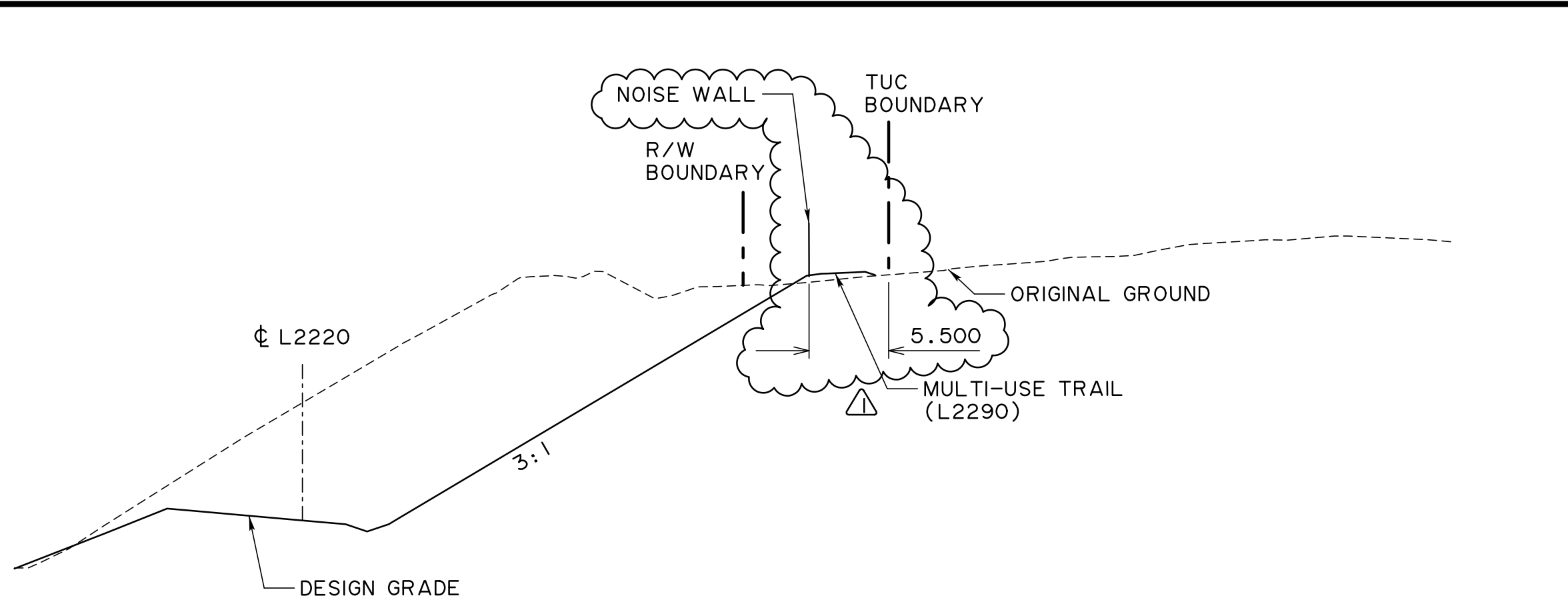
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DATE:	NOV. 17, 2020
SCALE:	AS SHOWN
DRAWN BY:	NO
APPROVED BY:	DPT
JOB NUMBER:	2020-050-052
	S-4



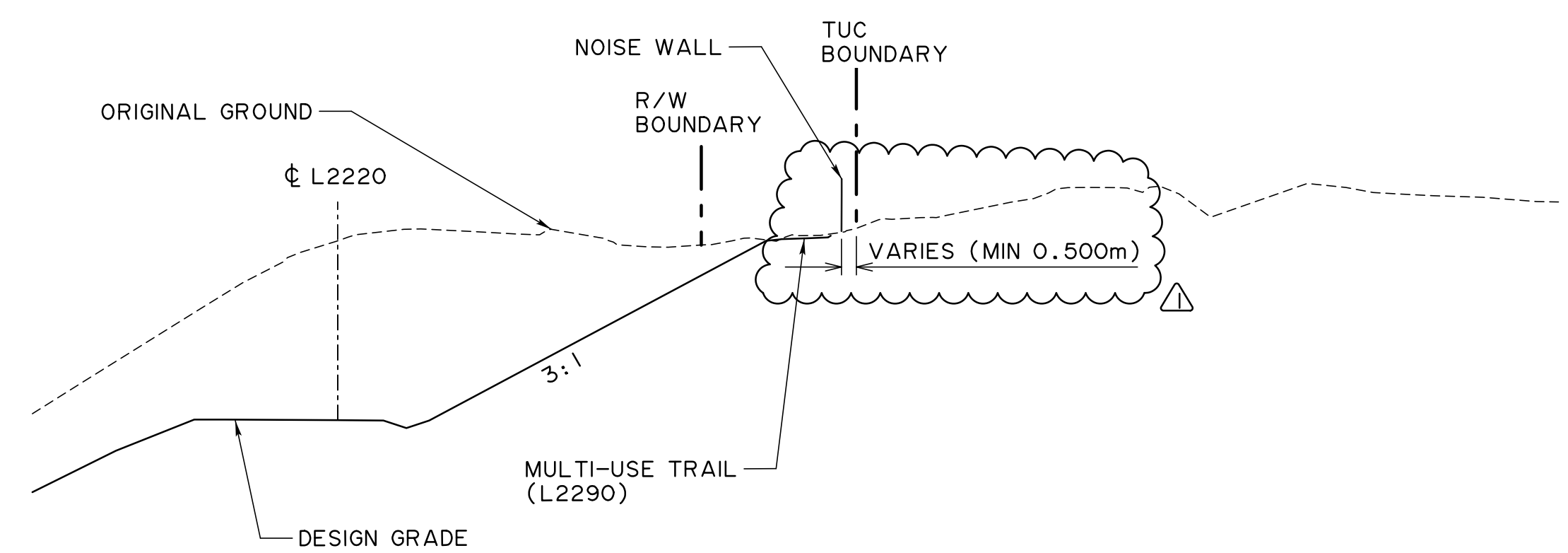
WALL NW-2B-L2220-03 CONTROL POINTS		
POINTS	NORTHING	EASTING
POB 3+994.461	5 644 178.146	-9 773.317
PI 4+138.155	5 644 319.426	-9 747.088
POE 4+150.371	5 644 331.581	-9 745.868



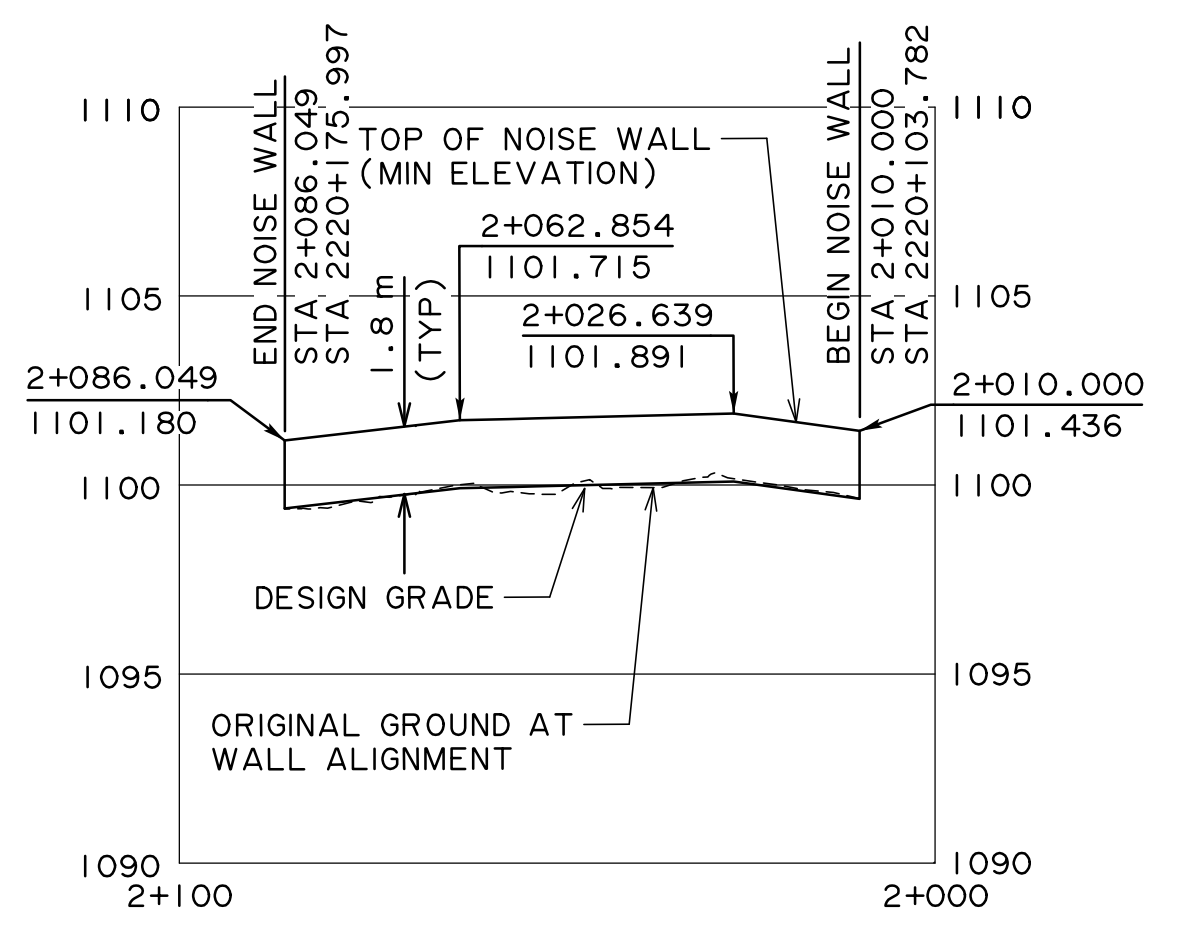
PROFILE - NW-2B-L2220-03



TYPICAL SECTION (NW-2B-L2220-01)



TYPICAL SECTION (NW-2B-L2220-03)

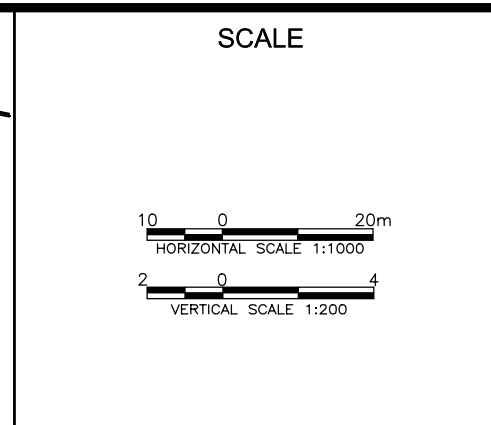
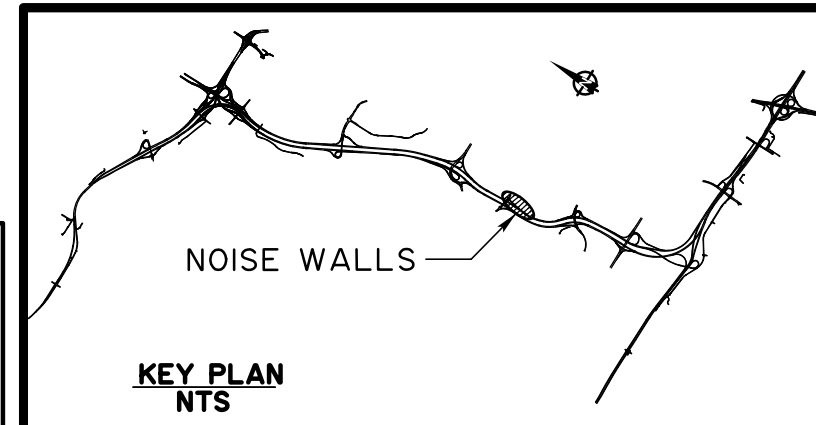


PROFILE - NW-2B-L2220-01

WALL NW-2B-L2220-01 CONTROL POINTS		
POINTS	NORTHING	EASTING
POB 2+010.000	5 644 116.440	-9 762.890
PI 2+029.722	5 644 136.162	-9 762.910
PI 2+044.705	5 644 145.504	-9 774.624
PI 2+049.287	5 644 150.050	-9 744.049
PI 2+068.316	5 644 168.794	-9 770.767
POE 2+086.049	5 644 186.214	-9 767.453

NOTE:
1) NOISE WALL LOCATION, EXTENTS AND HEIGHT ARE BASED ON BKL RECOMMENDATIONS

ISSUED FOR CONSTRUCTION
November 16, 2020
KGL PARSONS



CONSULTANT
KGL
PARSONS
McElhanney Engineering Services Ltd.

PERMIT TO PRACTICE
McElhanney Engineering Services Ltd.
PERMIT NUMBER: P000815
The Association of Professional Engineers and Geoscientists of Alberta

DESIGNER
DATE

CHECKER
PROFESSIONAL ENGINEER
ALBERTA
2020-11-30

REV	DATE	REVISION	BY
1	2020-11-16	FDC-729	DD
2	2017-12-06	NW 12-23-2-5	IN-3470

Alberta Transportation			
HWY 201:06 SOUTHWEST CALGARY RING ROAD LANDSCAPING AND FENCING NOISE WALL - PLAN AND PROFILE NW-2B-L2220-01 TO NW-2B-L2220-03			
CONTRACT 16944	HIGHWAY 201:06	SHEET OF	DRAWING 02LD_016