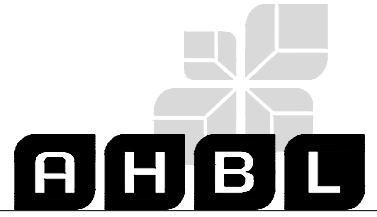


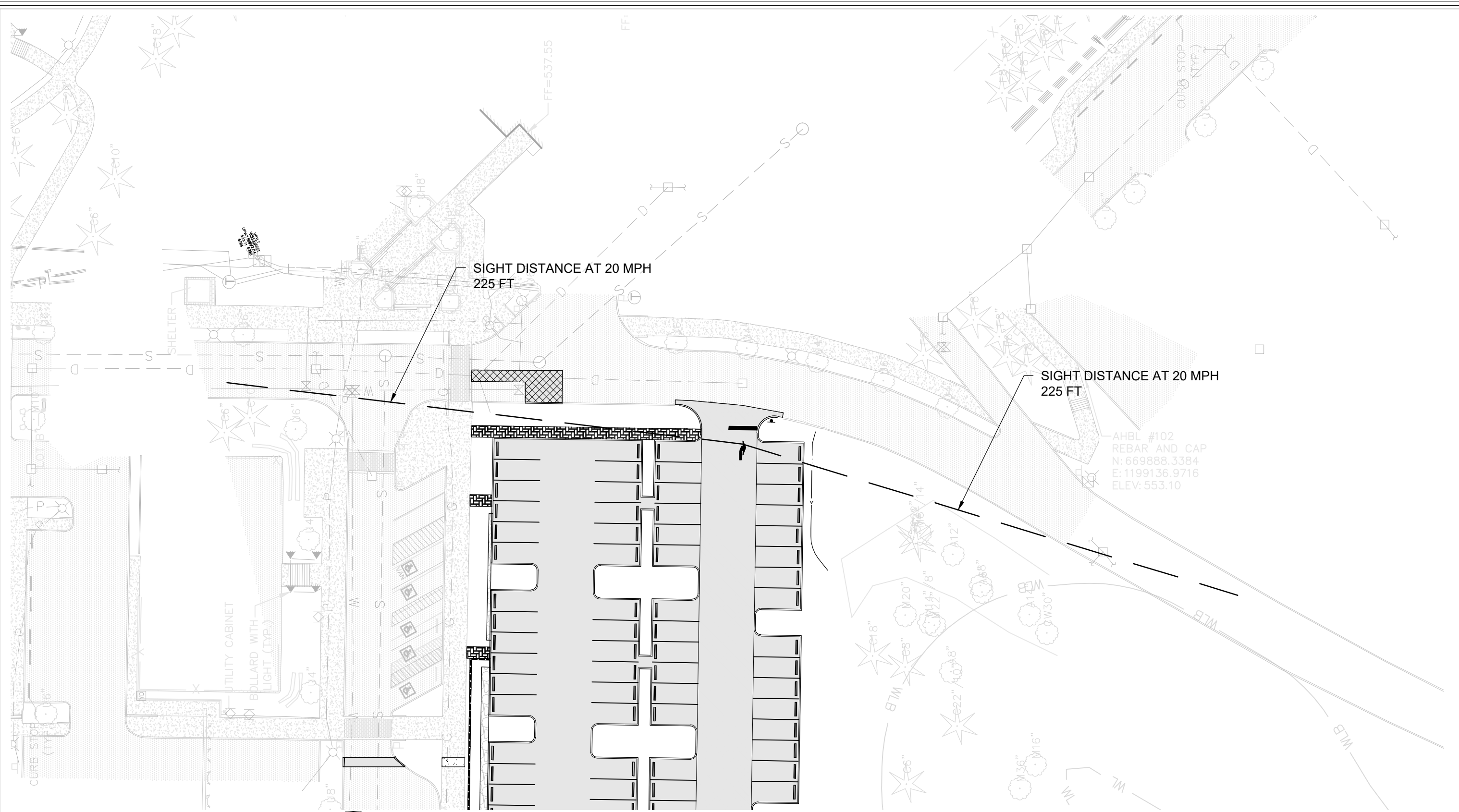
SIGHT DISTANCE CALCULATION:  
S=1.47VT  
V=20 MPH  
T=7.5 S (PASSENGER VEHICLES)  
S=220.5, ROUND TO 225



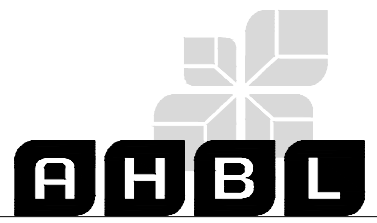
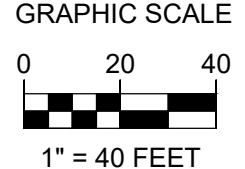
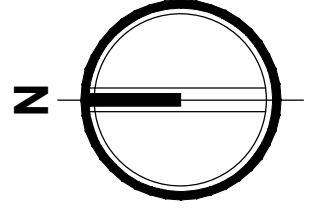
2215 North 30th Street,  
Suite 300,  
Tacoma, WA 98403  
253.383.2422 TEL  
253.383.2572 FAX

|   |  |
|---|--|
| <b>PIERCE COLLEGE PUYALLUP</b>                      |  |
| <b>SIGHT DISTANCE EXHIBIT<br/>NORTHWEST PARKING</b> |  |

|                       |
|-----------------------|
| JOB NO.<br>2200718.12 |
| DATE:<br>11/1/2022    |
| <b>SD-1</b>           |



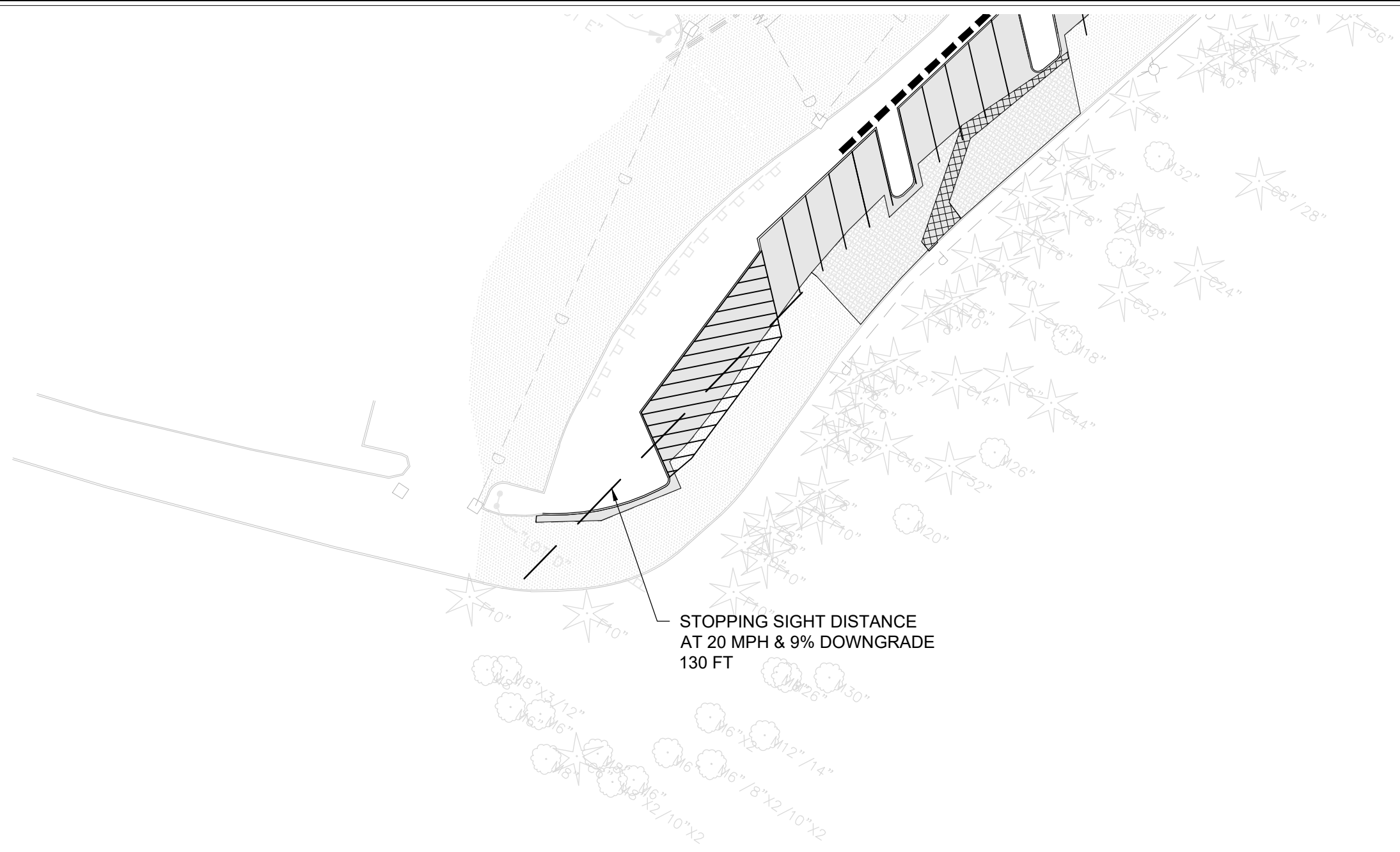
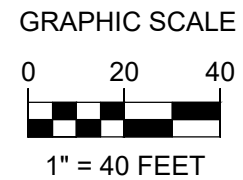
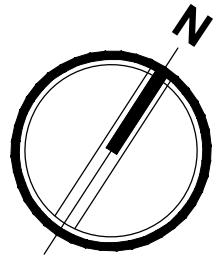
SIGHT DISTANCE CALCULATION:  
S=1.47VT  
V=20 MPH  
T=7.5 S (PASSENGER VEHICLES)  
S=220.5, ROUND TO 225



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|                                |
|--------------------------------|
| <b>PIERCE COLLEGE PUYALLUP</b> |
| <b>SIGHT DISTANCE EXHIBIT</b>  |
| <b>WEST PARKING DRIVEWAY</b>   |

|                       |
|-----------------------|
| JOB NO.<br>2200718.12 |
| DATE:<br>8/1/2022     |
| <b>SD-2</b>           |

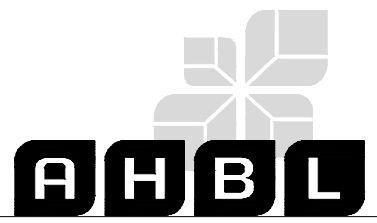


STOPPING SIGHT DISTANCE  
AT 20 MPH & 9% DOWNGRADE  
130 FT

SIGHT DISTANCE CALCULATION:  
 $S = 1.47 \cdot V \cdot T + \frac{V^2}{30 \cdot (.347826 + (G/100))}$

S=1.47VT  
 V=20 MPH  
 T=7.5 S (PASSENGER VEHICLES)  
 G=9% DOWNGRADE=-9

$S = 73.5 + \frac{(400)}{30 \cdot (.347826 + (-9/100))}$   
 $S = 73.5 + \frac{(400)}{30 \cdot (.257826)}$   
 $S = 73.5 + \frac{(400)}{7.73478}$   
 S=73.5+51.71  
 S=125.21 ROUND TO 130



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|   |  |
|---|--|
| <b>PIERCE COLLEGE PUYALLUP</b>                      |  |
| <b>SIGHT DISTANCE EXHIBIT<br/>NORTHWEST PARKING</b> |  |

|                       |
|-----------------------|
| JOB NO.<br>2200718.12 |
| DATE:<br>1/5/2023     |
| <b>SD-3</b>           |