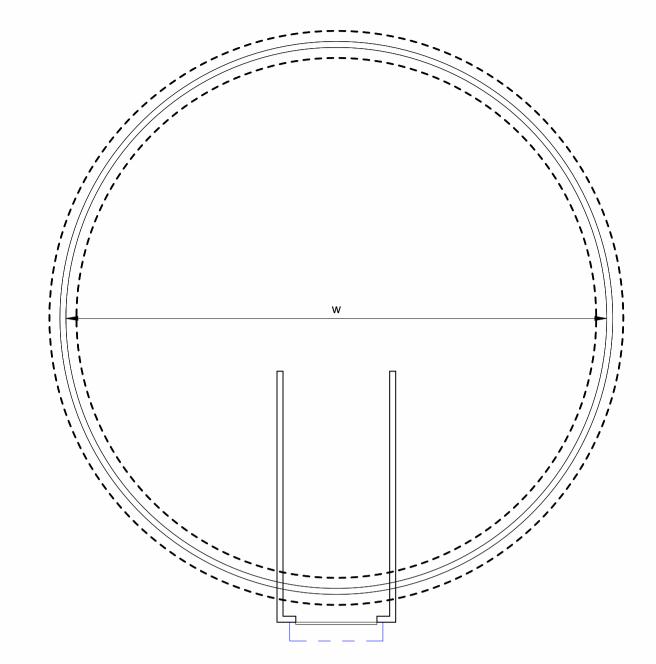
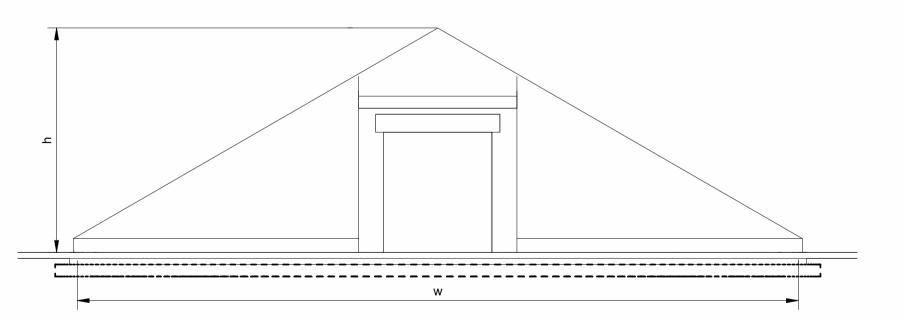
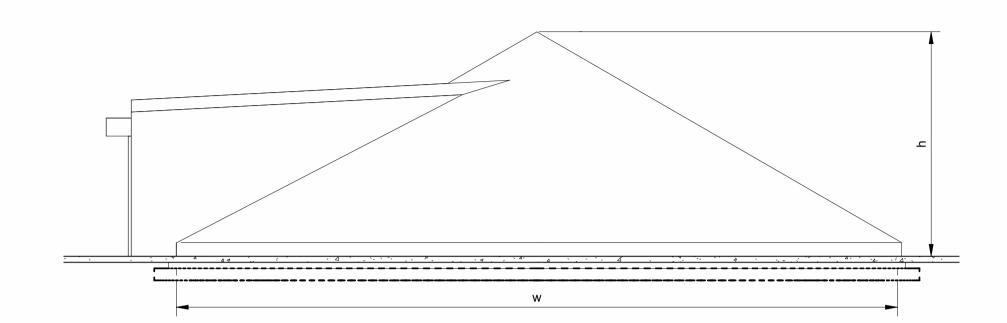
VARIABLES & ABBRE	VIATIONS
HEIGHT OF PILE:	h (ft)
HEIGHT OF WALL:	h <sub>w</sub> (ft)
WIDTH OF PILE:	w (ft)
LENGTH OF PILE:	L (ft)
ASPECT RATIO:	=L/w (N/A)
WEIGHT OF STORED SALT:	W (Tons)



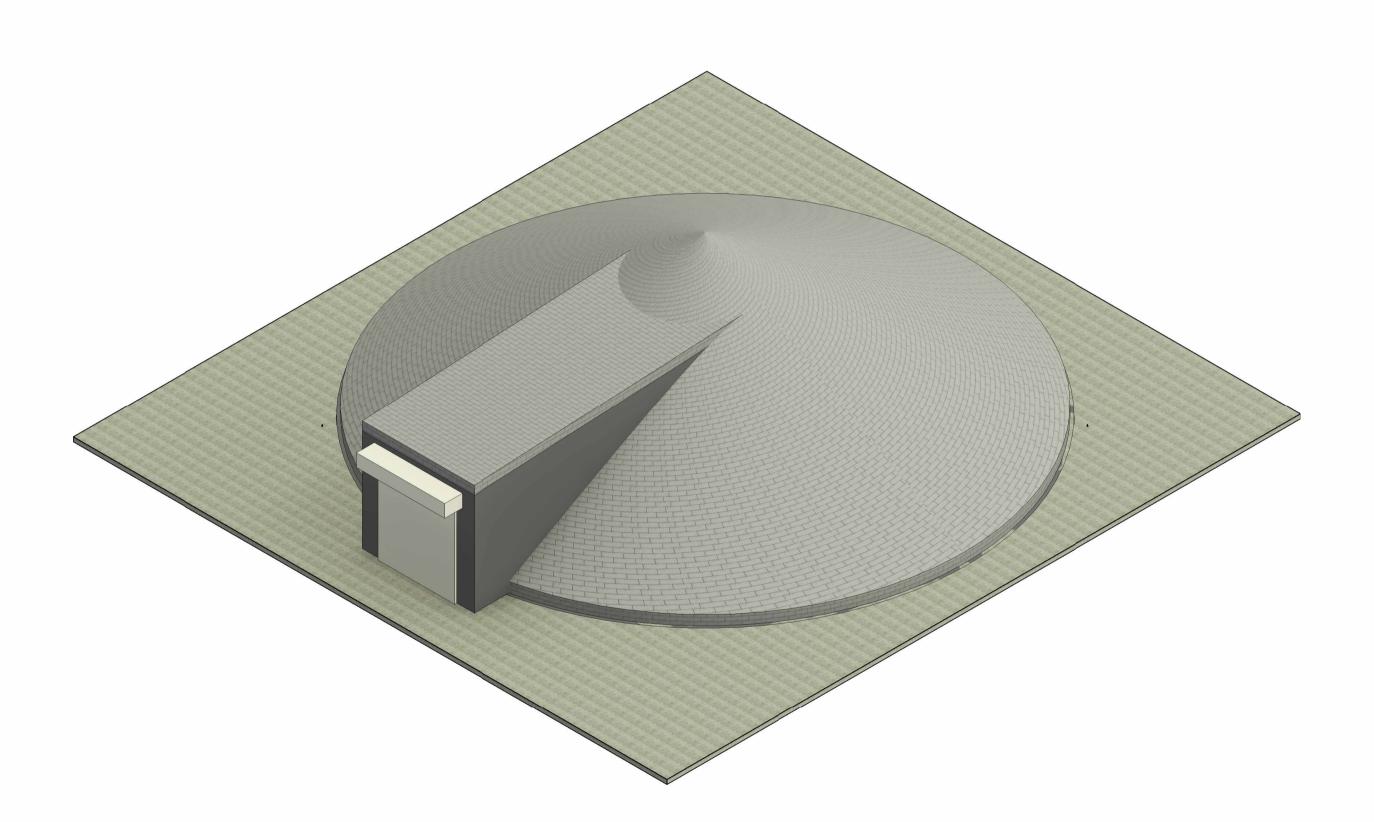
PLAN (AT GROUND LEVEL) - CONICAL



FRONT ELEVATION - CONICAL N.T.S.



SIDE ELEVATION - CONICAL N.T.S.



PERSPECTIVE VIEW - CONICAL N.T.S.

CALCULATION RULES - CONICAL STRUCTURE

INPUTS - OPTION 1

WIDTH OF PILE, w (ft)

OUTPUTS - OPTION 1

WEIGHT OF STORED SALT, W (Tons)

HEIGHT OF PILE, h (ft)

DUTPUTS - OPTION 2

WIDTH OF PILE, w (ft)

HEIGHT OF PILE, h (ft)

NOTE:
ALL DIMENSIONS ARE TAKEN AT THE INSIDE BOUNDARY
OF THE STRUCTURE. THESE DIMENSIONS SHALL BE
CONSIDERED MINIMUM CLEAR DIMENSIONS TO
ACCOMODATE THE STORAGE SOLUTION.

NO DATE BY DESCRIPTION

OUTPED



Salt Storage Project Design Template for Clear Roads Research Consortium

CONICAL DESIGN

SHEET TITLE

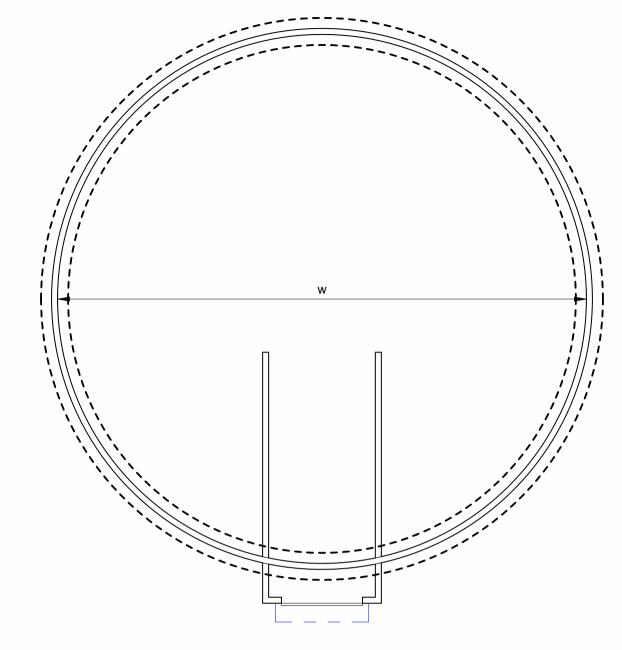
PROJECT NO.

21155 DATE

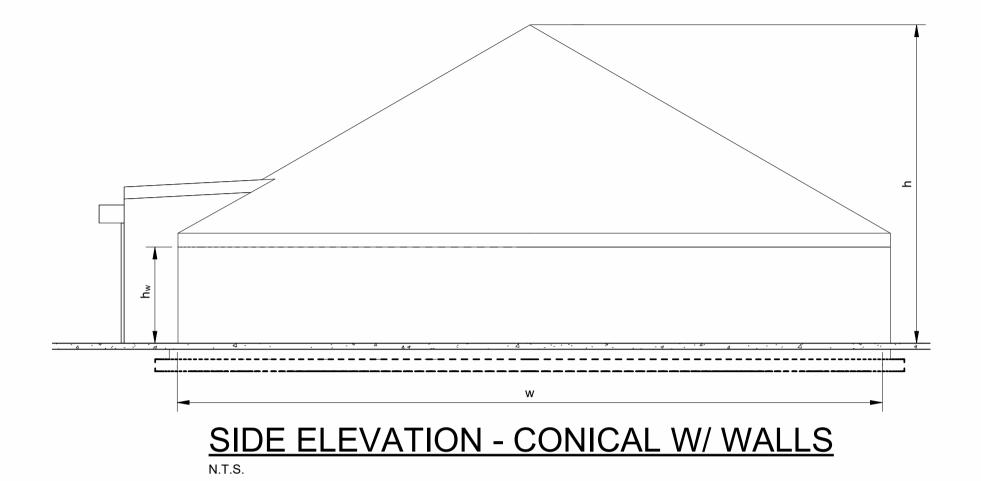
**Issue Date** 

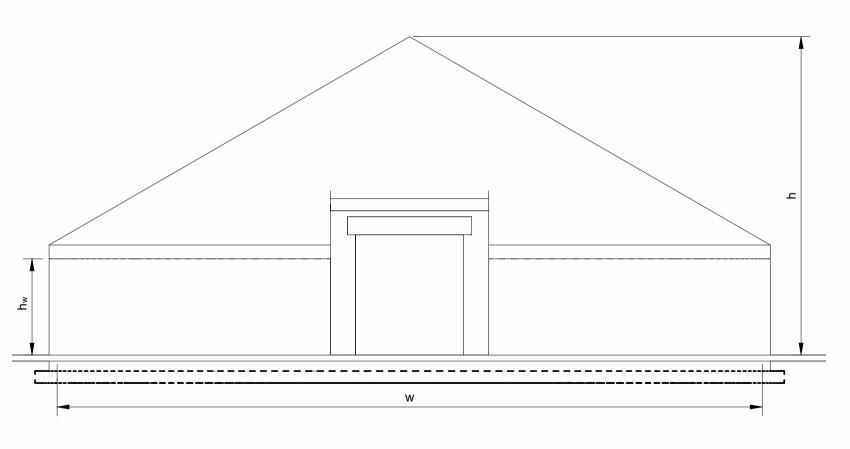
SHEET NO.

VARIABLES & ABBRE	VIATIONS
HEIGHT OF PILE:	h (ft)
HEIGHT OF WALL:	h <sub>w</sub> (ft)
WIDTH OF PILE:	w (ft)
LENGTH OF PILE:	L (ft)
ASPECT RATIO:	=L/w (N/A)
WEIGHT OF STORED SALT:	W (Tons)

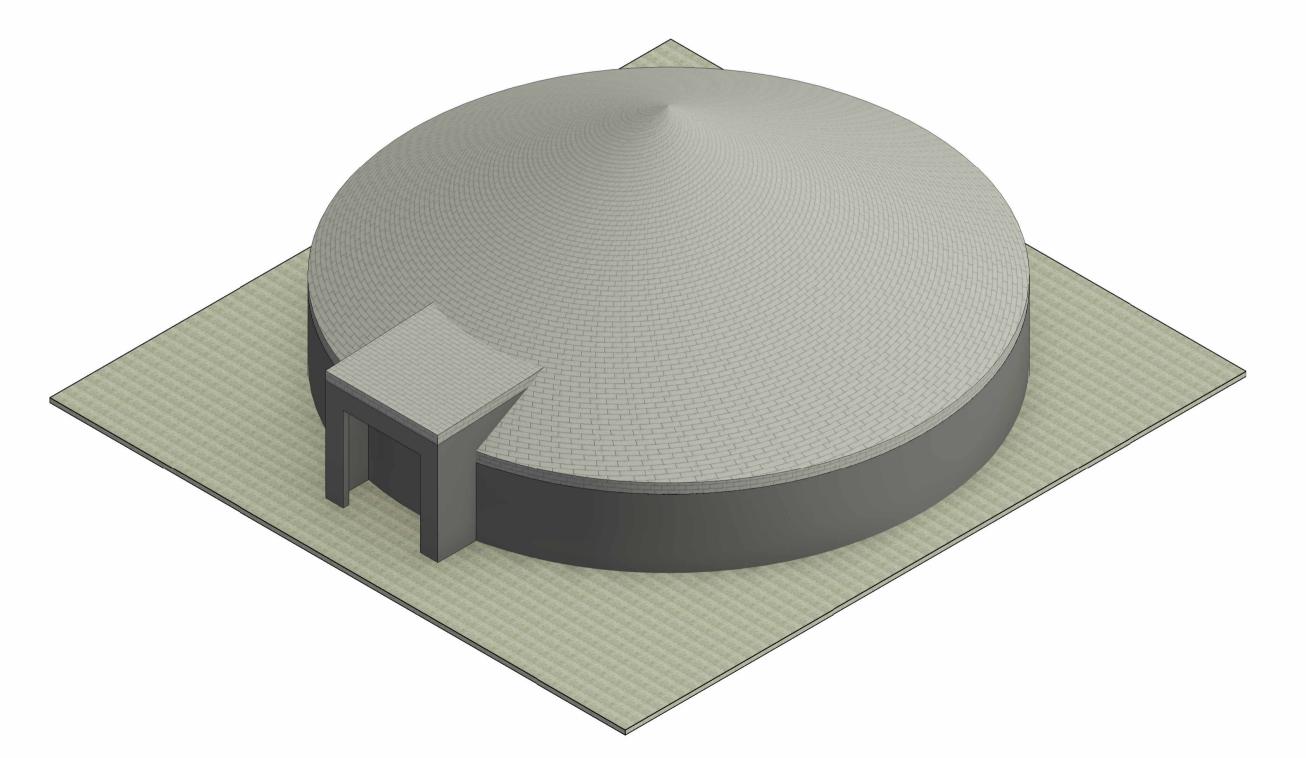


PLAN (AT GROUND LEVEL) - CONICAL W/ WALLS
N.T.S.





FRONT ELEVATION - CONICAL W/ WALLS
N.T.S.



PERSPECTIVE \	VIEW - CONICAL	_ W/ WALLS

CALCULATION RULES - CONICAL STRUCTURE W/ WALLS		
<ul> <li>INPUTS</li> <li>WIDTH OF PILE, w (ft)</li> <li>HEIGHT OF WALLS, hw (ft)</li> </ul>	OUTPUTS  • WEIGHT OF STORED SALT, W (Tons)  • HEIGHT OF PILE, h (ft)	

NOTE:
ALL DIMENSIONS ARE TAKEN AT THE INSIDE BOUNDARY
OF THE STRUCTURE. THESE DIMENSIONS SHALL BE
CONSIDERED MINIMUM CLEAR DIMENSIONS TO
ACCOMODATE THE STORAGE SOLUTION.

<b>REVISIONS</b>	DESCRIPTION				
	BY				
	DATE				
	ON				



Design Template
for
Clear Roads Research Consortium

SHEET TITLE

CONICAL W/ WALLS

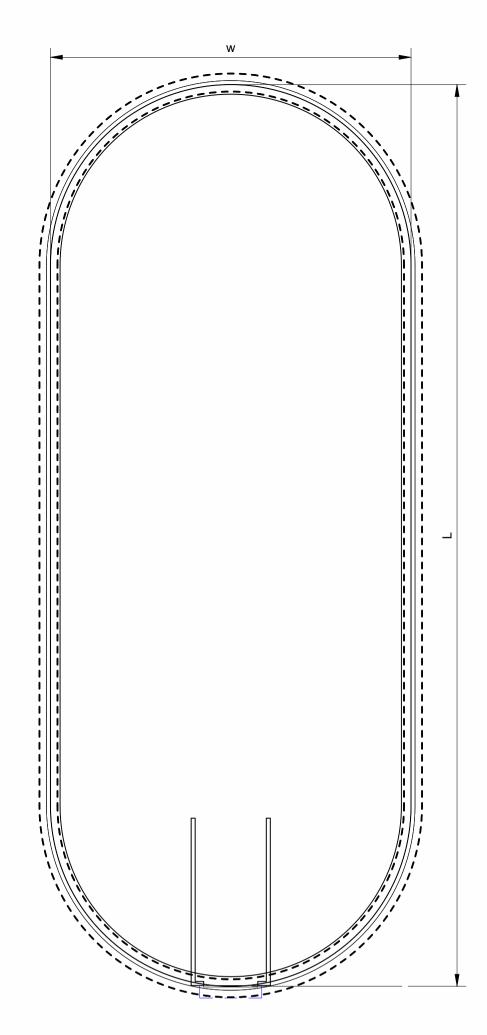
PROJECT NO.

21155

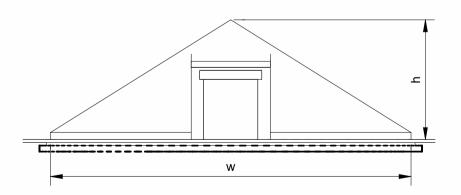
Issue Date

SHEET NO.

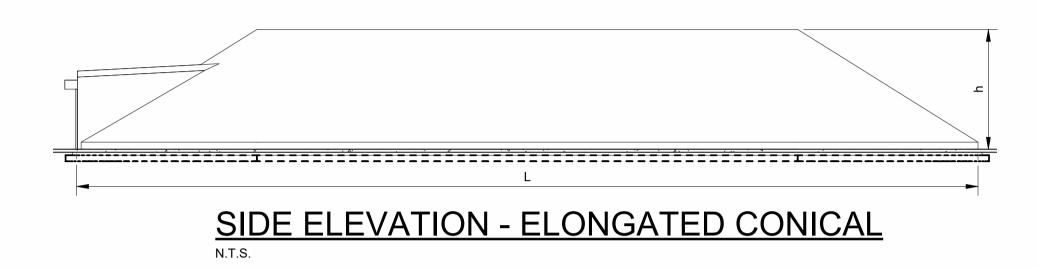
VARIABLES & ABBRE	VIATIONS
HEIGHT OF PILE:	h (ft)
HEIGHT OF WALL:	h <sub>w</sub> (ft)
WIDTH OF PILE:	w (ft)
LENGTH OF PILE:	L (ft)
ASPECT RATIO:	=L/w (N/A)
WEIGHT OF STORED SALT:	W (Tons)

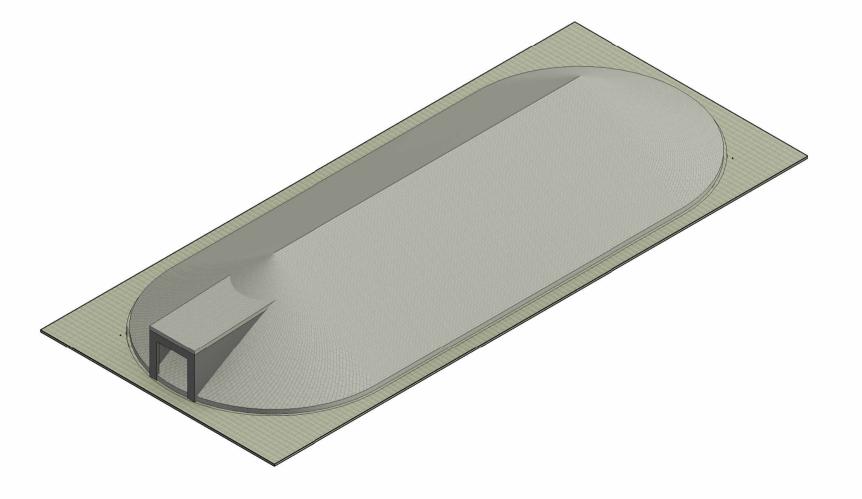


PLAN (AT GROUND LEVEL) - ELONGATED CONICAL



FRONT ELEVATION - ELONGATED
CONICAL
N.T.S.





PERSPECTIVE VIEW - ELONGATED
CONICAL
N.T.S.

CALCULATION RULES - ELONGATED CONICAL STRUCTURE

INPUTS

ASPECT RATIO, L/W
HEIGHT OF WALLS, hw (ft)

WEIGHT OF STORED SALT, W (Tons)
HEIGHT OF PILE, h (ft)
LENGTH OF PILE, L (ft)

NOTE:
ALL DIMENSIONS ARE TAKEN AT THE INSIDE BOUNDARY
OF THE STRUCTURE. THESE DIMENSIONS SHALL BE
CONSIDERED MINIMUM CLEAR DIMENSIONS TO
ACCOMODATE THE STORAGE SOLUTION.

NO DATE BY DESCRIPTION

OUTPER

NO DATE BY DESCRIPTION



Salt Storage Project Design Template <sup>for</sup> Clear Roads Research Consortium

SHEET TITLE

ELONGATED CONICAL

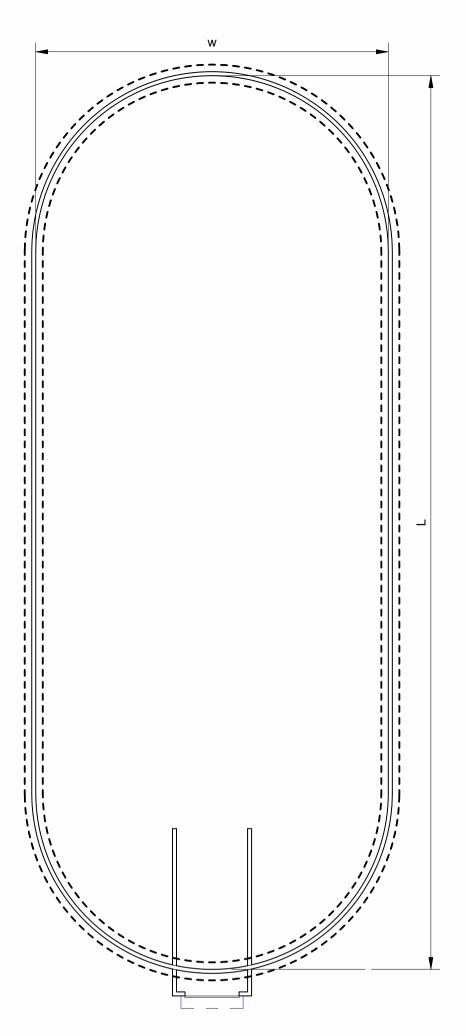
PROJECT NO. **21155** 

DATE

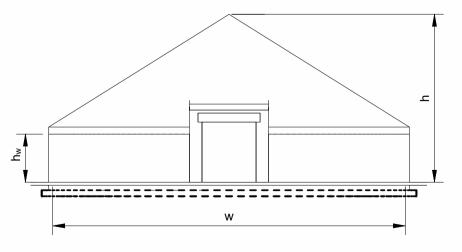
SHEET NO.

3.0

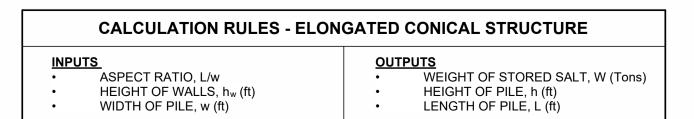
VARIABLES & ABBRE	VIATIONS
HEIGHT OF PILE:	h (ft)
HEIGHT OF WALL:	h <sub>w</sub> (ft)
WIDTH OF PILE:	w (ft)
LENGTH OF PILE:	L (ft)
ASPECT RATIO:	=L/w (N/A)
WEIGHT OF STORED SALT:	W (Tons)



PLAN (AT GROUND LEVEL) - ELONGATED
CONICAL W/ WALLS
N.T.S.

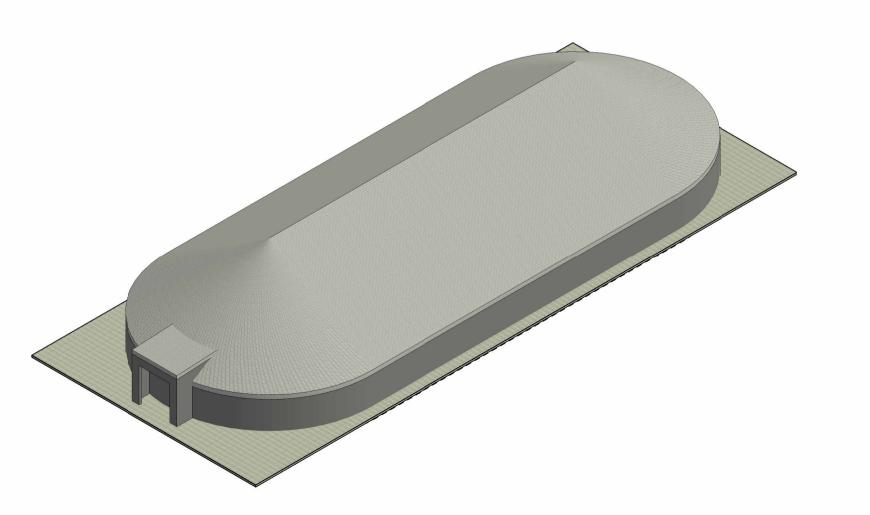


FRONT ELEVATION - ELONGATED CONICAL W/ WALLS





SIDE ELEVATION - ELONGATED CONICAL W/ WALLS



PERSPECTIVE VIEW - ELONGATED
CONICAL W/ WALLS

NOTE:
ALL DIMENSIONS ARE TAKEN AT THE INSIDE BOUNDARY
OF THE STRUCTURE. THESE DIMENSIONS SHALL BE
CONSIDERED MINIMUM CLEAR DIMENSIONS TO
ACCOMODATE THE STORAGE SOLUTION.

NO DATE BY DESCRIPTION

NO DATE BY DESCRIPTION



Salt Storage Project Design Template <sup>for</sup> Clear Roads Research Consortium

SHEET TITLE

ELONGATED CONICAL W/ WALLS

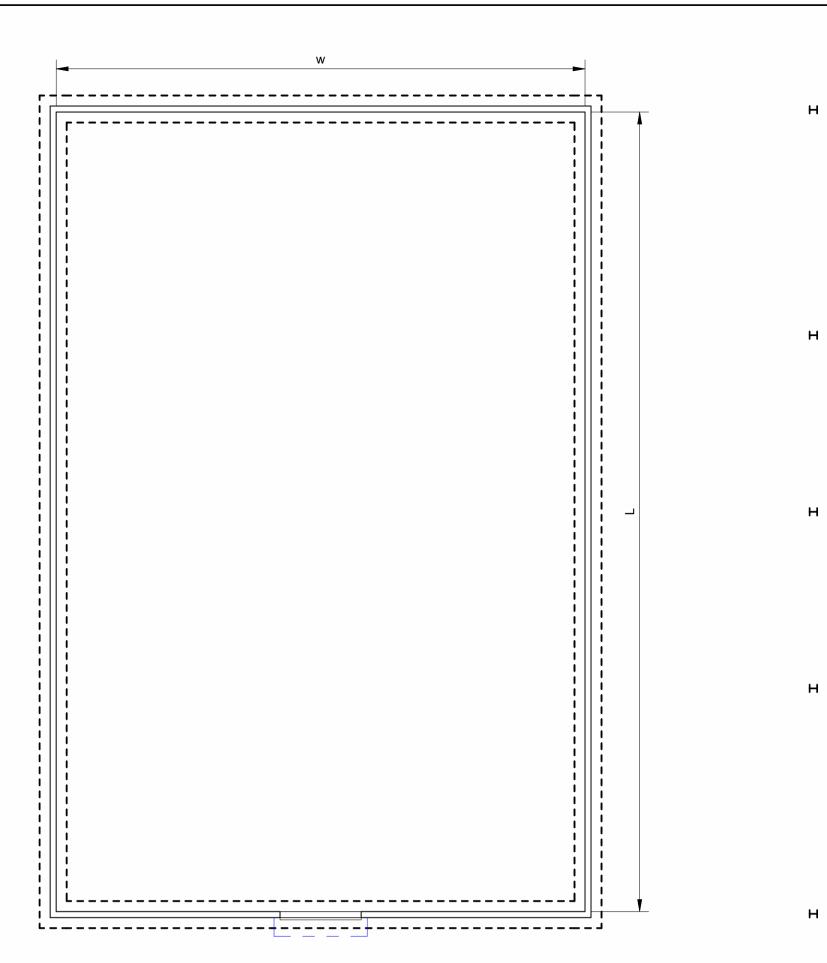
PROJECT NO.

21155

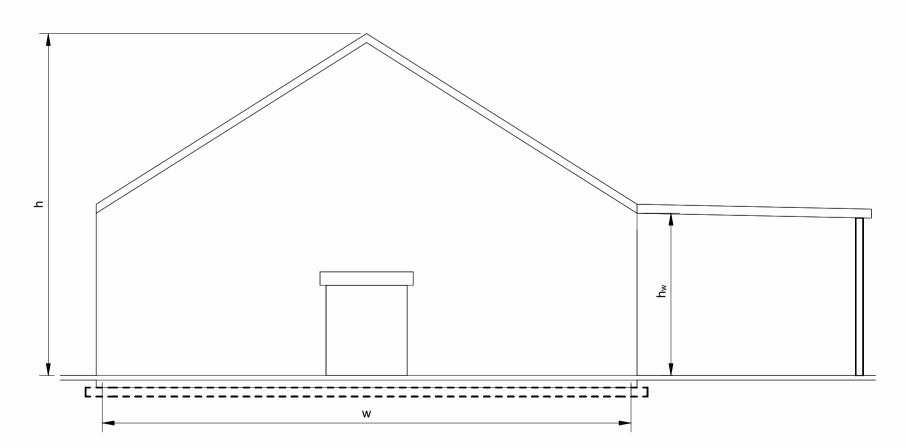
Issue Date

SHEET NO.

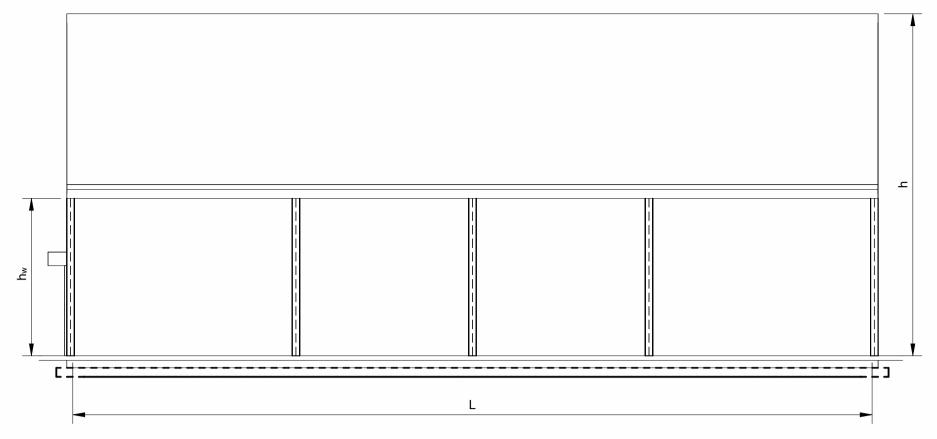
VARIABLES & ABBRE	VIATIONS
HEIGHT OF PILE:	h (ft)
HEIGHT OF WALL:	h <sub>w</sub> (ft)
WIDTH OF PILE:	w (ft)
LENGTH OF PILE:	L (ft)
ASPECT RATIO:	=L/w (N/A)
WEIGHT OF STORED SALT:	W (Tons)



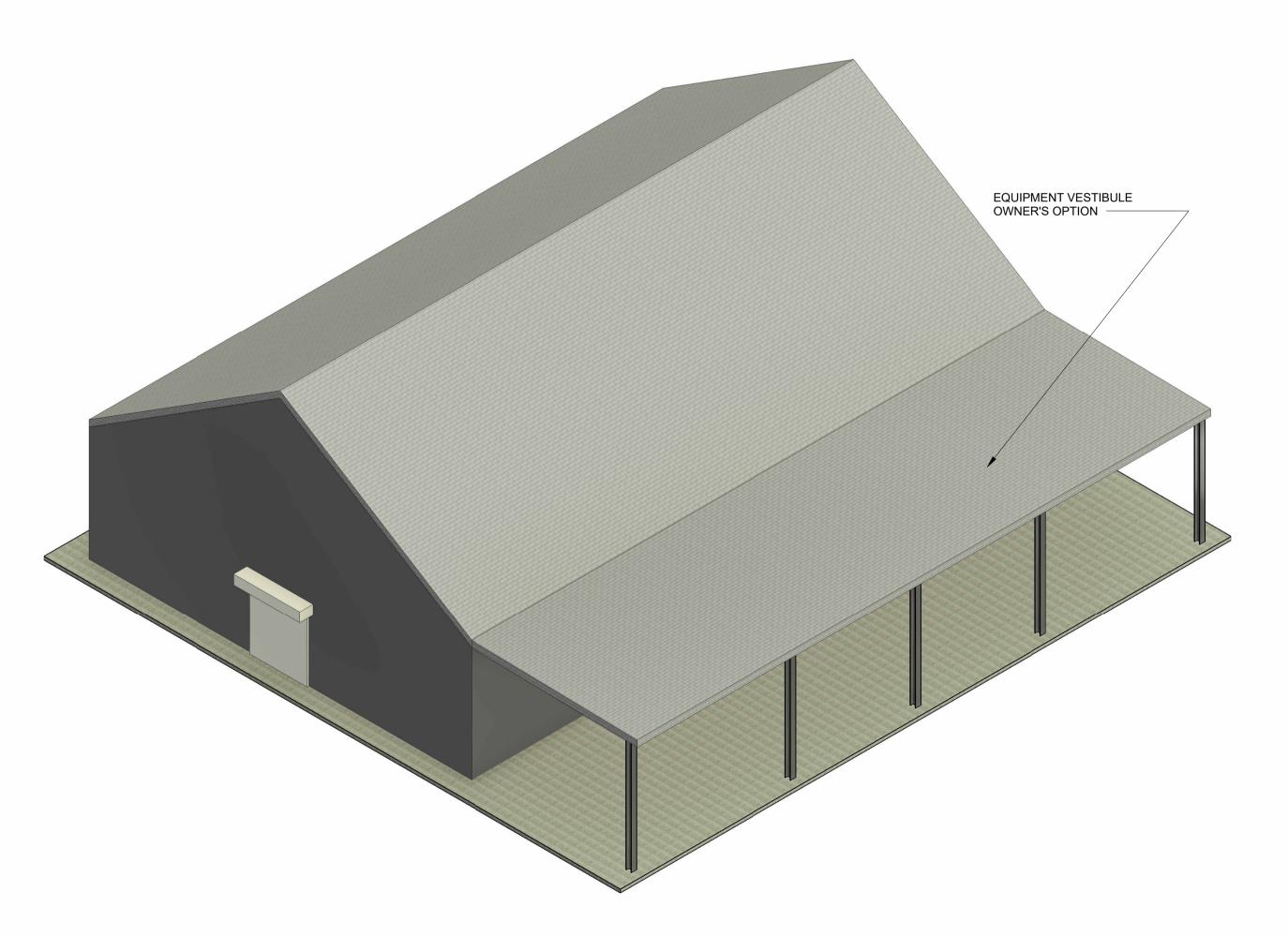
## PLAN (AT GROUND LEVEL) - SHED STYLE



FRONT ELEVATION - SHED STYLE
N.T.S.



SIDE ELEVATION - SHED STYLE
N.T.S.



## PERSPECTIVE VIEW - SHED STYLE N.T.S.

CALCULATION RULES - ELONGATED CONICAL STRUCTURE				
<ul> <li>INPUTS</li> <li>ASPECT RATIO, L/w</li> <li>HEIGHT OF WALLS, h<sub>w</sub> (ft)</li> <li>WIDTH OF PILE, w (ft)</li> </ul>	OUTPUTS  WEIGHT OF STORED SALT, W (Tons) HEIGHT OF PILE, h (ft) LENGTH OF PILE, L (ft)			

NOTE:
ALL DIMENSIONS ARE TAKEN AT THE INSIDE BOUNDARY
OF THE STRUCTURE. THESE DIMENSIONS SHALL BE
CONSIDERED MINIMUM CLEAR DIMENSIONS TO
ACCOMODATE THE STORAGE SOLUTION.

REVISIONS

10 DATE BY DESCRIPTION

11 DESCRIPTION



Salt Storage Project Design Template for Clear Roads Research Consortiur

SHEET TITLE

SHED STYLE

PROJECT NO.

21155 DATE

SHEET NO.

5.0