

Tuesday, October 28, 2025  
PCSD Study Session and Business Meeting

4:00 PM  
Provo City School District  
280 West 940 North  
Provo, UT 84904

A. **4:00 p.m. Study Session**

1. Welcome  
Board President Jennifer Partridge  
Meeting called to order at
2. Roll Call  
Board President Jennifer Partridge  
Procedural
3. Motion to Convene  
Board President Jennifer Partridge
4. Board Member Training: Establishing Board Procedures (4:02pm, 3 min)  
Board Member Melanie Hall  
Most meetings will include a training presented by rotating board members on the Board Handbook, USBE Guide, or Policies.

Today's training will be on Establishing Board Procedures, USBA's Guide 6,16 p.21

5. Timpview Construction Update (4:05pm, 15 min)  
Business Administrator, Devyn Dayley
6. Wasatch Wall Large Purchase Request (4:20pm, 15 min)  
Business Administrator, Devyn Dayley
7. Audit Report (4:35pm, 30 min)  
Business Administrator, Devyn Dayley
8. Open Enrollment for 2026-2027 (5:05pm, 10 min)  
Superintendent Wendy Dau  
**Background:**  
2026-2027 School Choice / Open Enrollment Jason Garrison Prior to November 15 th , the board needs to announce the policies and procedure to follow for open enrollment, and designate which schools and/or programs will be available for open enrollment for the following school year. The updated school choice early open enrollment period for the 2026-2027 school year will be Nov. 15, 2025 through Feb. 6, 2026.
9. Dixon Site RSOQ Timing (5:15pm, 10 min)  
Business Administrator, Devyn Dayley
10. Large Purchase Request: AV Updates Provo High School (5:25pm, 5 min)  
Business Administrator, Devyn Dayley
11. Policy Review 2nd Readings (5:30, 5 min)  
Superintendent Wendy Dau  
**Policy Review, Second Readings**  
Superintendent Wendy Dau

**Issue**

District administration generates or revises policies from time to time as needed, whether due to state legal requirements or local identified needs. The policy committee, including select board members, helps

in this process and, when ready, the board reviews the policies in multiple readings and posts on the district website for public comment before approving the policies.

**Background**

The following policies will be reviewed as second readings and possibly brought to the board for a vote tonight.

1. Updated Policy 1520: BA Appointment
2. Updated Policy 1523: BA Qualifications and Responsibilities
3. Updated Policy 1540: Administrative Appointments
4. Updated Policy 1543: Duties of Principals
5. Updated Policy 1620: District Reports

**Recommendation**

District administration recommends approval of the policies. The motions to approve may also include language that specifies changes/edits occurring during the study session discussions. The following possible motion language is provided for the board.

Motion Language:

1. I move that we approve (new/updated) policy *name and number* [with any edits agreed to in open meetings tonight].
12. Policy Review 1st Readings (5:35pm, 15 min)

Superintendent Wendy Dau

**Policy Review, 1st Readings**

Wendy Dau, Superintendent

**Issue**

District administration generates or revises policies from time to time as needed, whether due to state legal requirements or local identified needs. The policy committee, including select board members, helps in this process and, when ready, the policies come before the board in multiple readings, are posted on the district website for public review and finally are voted on by the board.

**Background**

The following policies will be discussed by the board tonight as 1st readings before being posted on the district website for public comment.

6. Policy 1550 and Procedure 1: Employee Suggestions to the Board
7. Policy 1410: Notice of Meeting
  - a. Policy 1410, Procedure 1: Public Hearing Notice Requirements
  - b. Policy 1420, Procedure 2: Public Hearing Requirements
8. Policy 1415: Recordings of Minutes
  - a. Policy 1415, Procedure 1: Approval and Changes to Board Meeting Minutes

13. Motion to Adjourn

Board President Jennifer Partridge

**B. 6:00 p.m. Business Meeting**

1. Welcome

Board President Jennifer Partridge

Meeting called to order at

2. Roll Call

Board President Jennifer Partridge

Procedural

3. Motion to Convene

Board President Jennifer Partridge

4. Pledge of Allegiance: Deputy Superintendent Jason Cox

Deputy Superintendent Jason Cox

**C. Community Connections**

Board President Jennifer Partridge

1. Public Input (No more than 30 minutes)

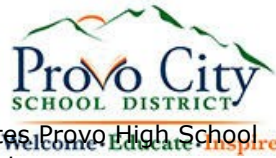
Board President Jennifer Partridge

**D. Business Items**

Board President Jennifer Partridge

1. Large Purchase Request: Wasatch Wall

2. Certified Tax Rate
3. Open Enrollment



4. Large Purchase Request: AV Updates, Provo High School  
Business Administrator, Devyn Dayley
5. Updated Policy 1520 BA Appointment
6. Updated Policy 1523 BA Qualifications and Responsibilities
7. Updated Policy 1540 Administrative Appointments
8. Updated Policy 1543 Duties of Principals
9. Updated Policy 1620 District Reports

E. **Motion to Adjourn**

F. **Closed Executive Session for the Purpose of Discussing Litigation (UT Code 55.4.205)**

1. Litigation  
Board President Jennifer Partridge
2. Motion to Adjourn  
Board President Jennifer Partridge



7D Construction, LLC  
c/o Hadco Constructon  
1450 W 1850 N  
Lehi, UT 84043  
Attn: John Hadfield

October 24, 2025

IGES Project No. 03709-040

**RE: Retaining Wall Reconstruction Proposal  
Retaining Walls 1 & 2  
Wasatch Elementary  
1006 Locust Lane, Provo, Utah**

Reference:

IGES, Inc., 2025, Retaining Walls 1 & 2 Reconstruction Recommendations, Wasatch Elementary, 1006 Locust Lane, Provo, Utah, Dated April 15, 2025.

John:

IGES is providing this proposal to detail the results of our analysis and our recommendations for the retaining wall reconstruction at Wasatch Elementary located at 1006 Locust Lane in Provo, Utah.

#### *Understanding/Background*

Walls 1 & 2 constructed for Wasatch Elementary began experiencing distress near the southwest corner of the property in late winter/early spring of 2025. This occurred along an outside radius along the wall alignments which represent the tallest section of the walls and at the lowest point on the site. It was obvious at the time that excessive amounts of water were present before and during the wall distress. There was evidence that snow from the parking lot was being stored directly above the location that experienced distress. After some distress had occurred an excavation near the storm drain box was made and it was observed that the storm drainpipes had started to separate directly above the retaining wall distress. For several weeks during deconstruction and reconstruction water was observed seeping out of the soil cut about 4 to 5 feet below the top of Wall 1 (~elevation 4722 feet).

The distress observed on Wall 1 (lower wall) consisted of the wall leaning out near the top until negative batter was observed and several blocks were observed to have cracked due to stress concentrations. The distress observed on Wall 2 (upper wall) was settlement up to several inches between approximately Station 22+60 to 23+10. The decision was made to down stack the areas of Walls 1 & 2 that experienced distress including all the cracked blocks. This deconstruction of Wall 1 extended between Stations 12+24 to 12+78 at the bottom of the wall. IGES provided a memo detailing our recommendations for the reconstruction dated April 15, 2025 (IGES, 2025). Reconstruction of Wall 1 began soon after the submittal of this memo. The memo included a few design changes to mitigate the risk of saturation and wall movement. The biggest change

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involved a blanket drain that would be installed below, and a chimney drain behind the reinforced zone of the retaining walls. The reinforcement was also changed entirely to Mirafi 8XT and was extended from the wall face to the blanket drain. This lengthened the reinforcement beyond the minimum design requirements in most locations. At the top of the wall, an impermeable membrane would be placed above the top reinforcement layer that slopes back to the chimney drain.

As of May 19, 2025, Wall 1 had been reconstructed up to an elevation of 4721 feet. Reconstruction has since been on hold. We understand the school district has been working with a third-party consultant to seek further direction on how to proceed with the reconstruction process in order to minimize the risk to the remaining sections of the retaining walls. The third-party consultant drilled borings within the retained soil behind Wall 2 that extended the full height of both Walls 1 and 2. Piezometers were also installed in the completed borings. Based on visual observations on October 2, 2025, there is no longer water seeping out of the soil cut at elevation 4722 feet. Additionally, as of October 17, 2025, we understand that all the current piezometer readings are showing no free groundwater and unsaturated conditions.

On October 2, 2025, a meeting was held at the Provo School District building with the original geotechnical consultant for the site (AGEC), the third-party geotechnical consultant retained by the district (Langan), Hogan Construction and Hadco Construction to gain insight on what is needed to complete the remediation efforts and minimize the risk to the remaining walls. As a result of that meeting, IGES has been working with AGEC to complete an analysis of the original retaining wall design to evaluate the issues and the risk to the remaining retaining walls that have resulted in the conclusions and recommendations provided herein.

### *Analysis*

IGES has completed additional analysis to evaluate the cause of the retaining wall distress and determine the factors of safety along existing portions of the walls. The purpose of the analysis was to evaluate how much the inherent weakness of the outside radius contributed to the wall distress and if existing sections of the walls would be similarly susceptible to movement if the reinforced soils become saturated.

Based on our additional analysis, the outside radius does reduce the retaining wall factors of safety. The connection to the block and LTDS is reduced because the geogrid is not exactly perpendicular to the block face. Based on our modeling the geogrid may be up to 12° from perpendicular to the wall face, which corresponds to at least a 2.5% reduction in capacity for the geogrid connection and strength calculations. Additionally, due to the outside radius, the geogrid reinforcement does overlap the adjacent panels near the back of the reinforcement section. The geogrid manufacturers typically recommend a few inches of backfill material be placed between overlapping geogrid layers. Based on the observations during deconstruction we understand that backfill material was not placed between these geogrid layers, and the layers were overlapped directly on top of each other. Although this does go against the manufacturer's recommendations, after conversations with the geogrid manufacturer we understand that the reduction of interlock capacity of the geogrid is negligible in these scenarios.

We understand that AGECE completed a CU Triaxial Test of the backfill material behind the wall and determined the effective stress or drained friction angle to be  $\phi'=40.4^\circ$  and the total stress or undrained friction angle to be  $\phi=25.8^\circ$ . IGES used a friction angle of  $\phi=38^\circ$  for the original design. IGES also completed a back-calculation of the distressed area to see what the soil strengths were when the initial distress occurred. Based on the back-calculation we see that around 30 to 32 degrees the factors of safety start to be reduced below the standard of care for temporary loading conditions but are still above 1.0. Around 26 to 28 degrees the factors of safety are reduced below 1.0 and at this point we would expect to start seeing wall movement.

For comparison, IGES completed additional analysis of the existing retaining wall sections with varying friction angles. The results of this analysis are attached to this report and are summarized in Tables 1 & 2. below.

Table 1. Lowest Factor of Safety Values with Varied Friction Angles

		Lowest Safety Factor						
		Friction Angle						
		38°	36°	34°	32°	30°	28°	26°
Wall 1 Height (ft)	19-20	2.8	2.4	2.3	2.3	2.1	1.8	0.7
	15-18	3.2	2.9	2.6	2.5	2.2	1.2	0.2
	11-14	3	2.7	2.4	2.4	2.1	1.5	1.4
	7-10	3.8	3.3	2.9	2.4	1.3	1.1	0.9
	0-6	3.7	3.3	1.5	1.3	1.1	0.9	0.8
FS above minimum standard								
FS above 1.0								
FS below 1.0								

Table 2. Bearing Capacity Values with Varied Friction Angles

		Allowable Bearing Capacity (psf)						
		Friction Angle						
		38°	36°	34°	32°	30°	28°	26°
Wall Embedment (ft)	2	9500	7000	5300	2750	3100	2400	1850
	1.5	7100	5250	3950	3000	2300	1800	1400
	1	4700	3500	2600	2000	1500	1150	900
Above 2,500 psf per Geotechnical Report								
between 1,500 to 2,500 psf								
Below 1,500 psf								

### Conclusions

Based on the results of our analysis the factors of safety are reduced at the outside radius, this is clearly the weakest and tallest section of the two-tiered MSE wall system. This may have contributed to the distress in this area; however, we don't believe this is the main factor that contributed to the wall movement. The analysis shows that the main contributor to the retaining

wall distress was the saturation of the reinforced and retained soils and subsequent reduction in soil strength. The additional moisture saturating the soil behind Wall 1 caused the bearing capacity to drop below the allowable values resulting in settlement of Wall 2 (upper wall). The decreased soil strengths in this area also resulted in the pull-out factors of safety of the upper layers of reinforcement to fall below 1.0 resulting in movement of these upper courses of block. Since there is no evidence of water currently behind other areas of the existing walls based on the recent borings and the piezometer readings; we are not aware of any that water is coming from offsite (uphill to the East) based on excavations in this area, it appears the distress manifested at the outside radius appears to be a result of the introduction of water from the melting snow stored in this area and subsequent separation of the storm drainpipe directly above that location which caused soil strengths to decrease resulting in wall movement and distress.

### *Recommendations.*

Since the water that built up behind the wall at the outside radius has been removed and there is no other water or saturated soils extending beyond the limits of the reconstructed area based on the borings and piezometers; we recommend that reconstruction of Walls 1 & 2 continue in accordance with the recommendations contained in our previous memo (IGES, 2025). The chimney drain should be extended up to the top layer of reinforcement of Wall 2 and an impermeable liner such as EPDM or PVC should be placed above the top layer of reinforcement. The pavement and landscaping should be replaced, but no irrigation should be allowed in this area, landscaping should consist of hardscape or xeriscape. Additionally, no snow storage should be allowed in this area, snow storage should be located away from any retaining walls.

To reduce the risk to the remaining portions of the walls, we recommend that four additional piezometers be installed across the site. We recommend that two piezometers be installed above Wall 2 near Stations 20+75 and 21+50. Preferably these borings would be between 15 to 20 feet from the wall face, but we understand that with existing utilities the exact locations may be pushed further from the wall. The other two piezometers should be installed between the school and Oakmont Lane within the xeriscape that is south of the playground and north of the end of Wall 2. These borings should extend down to at least 40 feet below the existing site grade. Soil samples should be obtained during the piezometer installation. Laboratory strength and permeability testing should be completed on the samples obtained during drilling.

After the piezometers are installed, we recommend checking them at least once a month during the winter and spring. Based on our observations and assessments, we do not expect any additional subsurface water issues to occur. However, should there be any water or soil strength concerns identified in the borings or later in the piezometers, remediation measures can then be considered.

### *Risk Assessment*

Based on our analysis, the soil strength would need to drop to a friction angle of around 26 to 28 degrees for the wall to start experiencing additional movement and distress. These strengths are associated with a nearly fully saturated condition (100% degree of saturation) according to AGEC's Triaxial Shear test data. The degree of saturation data from AGEC also indicates that the saturation of the soil surrounding the reconstructed area is less than 100%. As a result, currently there is minimal risk to the remaining MSE walls at the school. It is possible that subsurface

moisture could increase, which would also increase the degree of saturation. However, the existing piezometers in addition to the proposed new borings and piezometers would serve to monitor this condition and provide information that can be used to assess if the remaining retaining walls are approaching soil conditions that could cause distress. We anticipate one of the following scenarios could occur in the future.

1. **No observable water in any piezometer.** This is the expected scenario which would mean the source of seeping water was due to oversaturation from the snow melting and separated storm drainpipe.
  - a. If there is no observable water through the summer of 2026 then there does not need to be any more remediation work and monitoring could be reduced.
2. **Water observed along Oakmont AND Behind Wall 2.** This would indicate a natural water source flowing across the property below the school and towards the retaining walls.
  - a. If the water flows from Oakmont, then updated recommendations can be provided to cut off and the water and direct the flow to the storm drain system.
3. **Water observed ONLY behind Wall 2.** This would indicate a man-made water source.
  - a. This would require a double check of all potential manmade sources of water and if nothing is discovered then updated recommendations will be provided. This would likely include a drainage column design or similar.

The current in place piezometers are showing no evidence of free water or saturation and no water is observable seeping out of the exposed soil cut. The blanket drain and impermeable membrane will mitigate the risk of saturating the reconstructed area. The results of our analysis show that even under reduced soil strengths temporary factors of safety will be present for the existing retaining wall. This will allow us time to monitor the site and determine if additional water sources are present before rushing into potentially unnecessary and costly remedial measures.

Respectfully Submitted,  
IGES, Inc.

Reviewed By:



Tyler B. Loertscher, P.E.  
Project Engineer

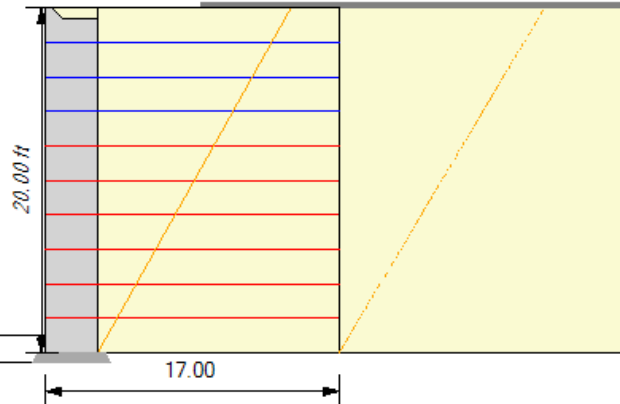
Kent A. Hartley, P.E.  
Principal

Attachments

1. Verti-Crete Output

## REA Analysis

Project: Wasatch Elementary  
 Location: Provo, Utah  
 Designer: Tyler L  
 Date: 10/23/2025  
 Section: Wall 1, 20ft Tall, 38 Degrees  
 Design Method: NCMA\_09\_3rd\_Ed, Include Vert. Force  
 Design Unit: VertiBlock 4.0: 36



SOIL PARAMETERS	$\Phi$	coh	$\gamma$
Reinforced Soil:	38 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Retained Soil:	38 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Foundation Soil:	38 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Leveling Pad:	40 deg	0 lbf/ft <sup>2</sup>	135 lbf/ft <sup>3</sup>
Leveling Pad:	Crushed Stone		

### GEOMETRY

Design Height:	20.00 ft (19.00 ft Exp.)	Live Load:	0 lbf/ft <sup>2</sup>
Wall Batter/Tilt:	0.00/ 0.00 deg	Live Load Offset:	0.00 ft
Embedment:	1.00 ft	LL2 Width:	0 ft
Leveling Pad Depth:	0.50 ft	Dead Load:	2,400 lbf/ft <sup>2</sup>
Back Slope Angle:	0.0 deg	Dead Load Offset:	6.0 ft
Back Slope Length:	0.0 ft	Dead Load Width:	50.00 ft
Back Slope Toe Offset:	0.0 ft		
Vertical $\delta$ on Single Depth			

### FACTORS OF SAFETY

Sliding:	1.50	Pullout:	1.50
Overturning:	2.00	Tension/Uncertainties:	1.50
Bearing:	2.00	Connection:	1.50
Unit/Unit Shear:	1.50		

# Verti-Block. Retaining Walls

## RESULTS

FoS Sliding:	4.36	FoS Overturning:	7.04
Bearing	4,658	FoS Bearing:	20.25
FoS Pullout	18.86		
Total Pullout	386,849	FoS Total Pullout	63.28
Top FoSot:	22.96	FoS Connection:	3.18

ID	Height	Length	Name	Ta	Pa	DL	TMax	FSStr	FSPo	FSSldg	GridEmbedment
9	18	17	5XT	1571	124	656	781	3.02	18.86/[781]	10.86	3.90
8	16	17	5XT	1571	221	438	659	3.58	31.80/[659]	12.85	5.02
7	14	17	5XT	1571	332	438	769	3.06	36.48/[769]	9.60	6.15
6	12	17	8XT	2475	442	438	880	4.22	41.00/[880]	7.91	7.27
5	10	17	8XT	2475	553	438	990	3.75	44.08/[990]	6.86	8.39
4	8	17	8XT	2475	663	438	1101	3.37	45.10/[1101]	6.13	9.51
3	6	17	8XT	2475	774	438	1211	3.06	46.67/[1211]	5.58	10.63
2	4	17	8XT	2475	884	438	1322	2.81	48.65/[1322]	5.15	11.76
1	2	17	8XT	2475	995	0	995	3.73	73.36/[995]	4.81 [4.36]	12.88

### Column Descriptions:

- Ta: allowable geogrid strength
- Rc %: percent coverage for geosynthetics
- EP (Pa) internal active earth pressure
- LL (Pql) earth pressure due to live load surcharge
- DL (Pqd) earth pressure due to dead load surcharge
- Tmax maximum earth pressure on geosynthetic layer
- FSstr factor of safety on geogrid strength (LTDS/Tmax)
- Ta cn allowable tension on the connection
- FS Pkcn, factor of safety on the connection (PkCn/Tmax)
- FS PO, factor of safety on pullout (Pullout/(Tmax - LL))
- Grid Embedment, depth of embedment beyond the theoretical failure plane.

## CONNECTION RESULTS TABLE

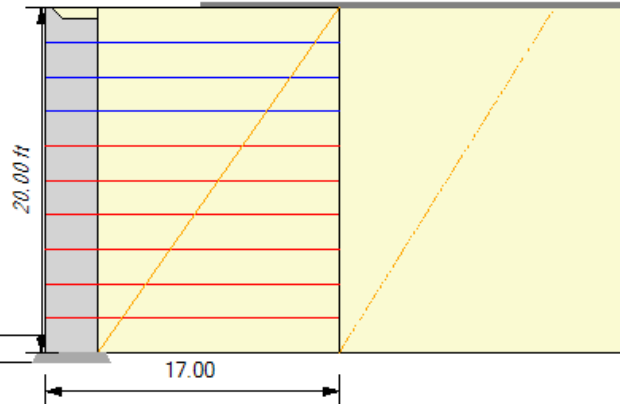
Connection results compare the load on the connection (pullout at the face) to the resistance of the connection. In the NCMA design methodology the connection load accounts for the loading 'over the active zone' in the failure plane from each reinforcing layer. Note that live load (LL) in T<sub>max</sub> for the reinforcing layer is the load calculated from the base of the wall and maybe larger then LL for the connection (T<sub>cn</sub>)

AASHTO design methodology (Simplified or Stiffness) the connection load, T<sub>o</sub>, is equal to the T<sub>max</sub> in the reinforcing. In Limit equilibrium the the connection load (T<sub>o</sub>) is less than the T<sub>max</sub> in the reinforcing layer as it is calculated at each layer of reinforcing, similar to the Trial Wedge Method using in REA software.

ID	Height	Length	Name	Pa	DL	T <sub>cn</sub>	TaCn	FSPkCn
9	18	17	5XT	124	656	124	2178	17.52
8	16	17	5XT	221	438	221	2227	10.07
7	14	17	5XT	332	438	332	2275	6.86
6	12	17	8XT	442	438	442	2603	5.89
5	10	17	8XT	553	438	553	2715	4.91
4	8	17	8XT	663	438	663	2828	4.26
3	6	17	8XT	774	438	774	2940	3.80
2	4	17	8XT	884	438	884	3052	3.45
1	2	17	8XT	995	0	995	3164	3.18

## REA Analysis

Project: Wasatch Elementary  
 Location: Provo, Utah  
 Designer: Tyler L  
 Date: 10/23/2025  
 Section: Wall 1, 20ft Tall, 36 Degrees  
 Design Method: NCMA\_09\_3rd\_Ed, Include Vert. Force  
 Design Unit: VertiBlock 4.0: 36



SOIL PARAMETERS	$\Phi$	coh	$\gamma$
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Foundation Soil:	36 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Leveling Pad:	40 deg	0 lbf/ft <sup>2</sup>	135 lbf/ft <sup>3</sup>
Leveling Pad:	Crushed Stone		

### GEOMETRY

Design Height:	20.00 ft (19.00 ft Exp.)	Live Load:	0 lbf/ft <sup>2</sup>
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Embedment:	1.00 ft	LL2 Width:	0 ft
Leveling Pad Depth:	0.50 ft	Dead Load:	2,400 lbf/ft <sup>2</sup>
Back Slope Angle:	0.0 deg	Dead Load Offset:	6.0 ft
Back Slope Length:	0.0 ft	Dead Load Width:	50.00 ft
Back Slope Toe Offset:	0.0 ft		
Vertical $\delta$ on Single Depth			

### FACTORS OF SAFETY

Sliding:	1.50	Pullout:	1.50
Overturning:	2.00	Tension/Uncertainties:	1.50
Bearing:	2.00	Connection:	1.50
Unit/Unit Shear:	1.50		

# Verti-Block. Retaining Walls

## RESULTS

FoS Sliding:	3.72	FoS Overturning:	6.44
Bearing	4,746	FoS Bearing:	14.22
FoS Pullout	5.72		
Total Pullout	313,427	FoS Total Pullout	48.57
Top FoSot:	21.02	FoS Connection:	2.40

ID	Height	Length	Name	Ta	Pa	DL	TMax	FSStr	FSPo	FSSldg	GridEmbedment
9	18	17	5XT	1571	133	723	856	2.75	5.72/[856]	9.30	1.40
8	16	17	5XT	1571	236	482	718	3.28	15.10/[718]	11.02	2.80
7	14	17	5XT	1571	354	482	836	2.82	21.32/[836]	8.24	4.20
6	12	17	8XT	2475	472	692	1163	3.19	22.20/[1163]	6.80	5.60
5	10	17	8XT	2475	590	657	1247	2.98	27.97/[1247]	5.90	7.00
4	8	17	8XT	2475	707	632	1339	2.77	32.63/[1339]	5.27	8.40
3	6	17	8XT	2475	825	618	1443	2.57	34.92/[1443]	4.80	9.80
2	4	17	8XT	2475	943	604	1547	2.40	37.58/[1547]	4.44	11.20
1	2	17	8XT	2475	1061	0	1061	3.50	63.07/[1061]	4.14 [3.72]	12.60

### Column Descriptions:

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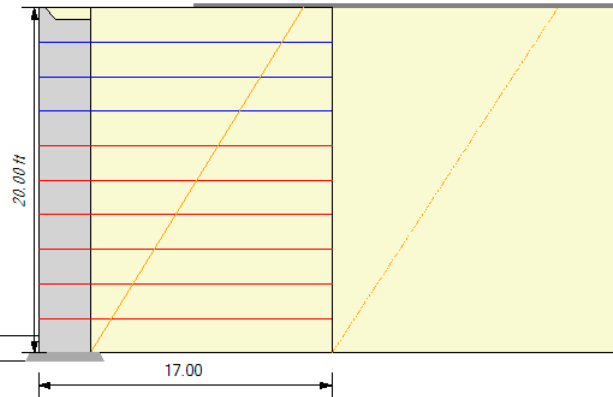
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ID	Height	Length	Name	Pa	DL	T <sub>cn</sub>	TaCn	FSPkCn
9	18	17	5XT	133	723	133	2178	16.42
8	16	17	5XT	236	482	236	2227	9.44
7	14	17	5XT	354	482	354	2275	6.43
6	12	17	8XT	472	692	472	2603	5.52
5	10	17	8XT	590	657	590	2715	4.61
4	8	17	8XT	707	632	807	2828	3.50
3	6	17	8XT	825	618	1058	2940	2.78
2	4	17	8XT	943	604	1272	3052	2.40
1	2	17	8XT	1061	0	1061	3164	2.98

## REA Analysis

Project: Wasatch Elementary  
 Location: Provo, Utah  
 Designer: Tyler L  
 Date: 10/23/2025  
 Section: Wall 1, 20ft Tall, 34 Degrees  
 Design Method: NCMA\_09\_3rd\_Ed, Include Vert. Force  
 Design Unit: VertiBlock 4.0: 36



SOIL PARAMETERS	$\Phi$	coh	$\gamma$
Reinforced Soil:	34 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Retained Soil:	34 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Foundation Soil:	34 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Leveling Pad:	40 deg	0 lbf/ft <sup>2</sup>	135 lbf/ft <sup>3</sup>
Leveling Pad:	Crushed Stone		

### GEOMETRY

Design Height:	20.00 ft (19.00 ft Exp.)	Live Load:	0 lbf/ft <sup>2</sup>
Wall Batter/Tilt:	0.00/ 0.00 deg	Live Load Offset:	0.00 ft
Embedment:	1.00 ft	LL2 Width:	0 ft
Leveling Pad Depth:	0.50 ft	Dead Load:	2,400 lbf/ft <sup>2</sup>
Back Slope Angle:	0.0 deg	Dead Load Offset:	6.0 ft
Back Slope Length:	0.0 ft	Dead Load Width:	50.00 ft
Back Slope Toe Offset:	0.0 ft		
Vertical $\delta$ on Single Depth			

### FACTORS OF SAFETY

Sliding:	1.50	Pullout:	1.50
Overturning:	2.00	Tension/Uncertainties:	1.50
Bearing:	2.00	Connection:	1.50
Unit/Unit Shear:	1.50		

# Verti-Block. Retaining Walls

## RESULTS

FoS Sliding:	3.18	FoS Overturning:	5.89
Bearing	4,844	FoS Bearing:	10.05
FoS Pullout	9.31		
Total Pullout	317,558	FoS Total Pullout	44.29
Top FoSot:	19.27	FoS Connection:	2.66

ID	Height	Length	Name	Ta	Pa	DL	TMax	FSStr	FSPo	FSSldg	GridEmbedment
9	18	17	5XT	1571	149	867	1016	2.32	9.31/[1016]	7.98	2.91
8	16	17	5XT	1571	265	578	843	2.80	17.67/[843]	9.46	4.14
7	14	17	5XT	1571	397	578	975	2.42	21.71/[975]	7.08	5.37
6	12	17	8XT	2475	529	578	1107	3.35	25.54/[1107]	5.84	6.60
5	10	17	8XT	2475	662	578	1240	2.99	29.24/[1240]	5.07	7.84
4	8	17	8XT	2475	794	578	1372	2.71	30.57/[1372]	4.53	9.07
3	6	17	8XT	2475	926	578	1504	2.47	31.91/[1504]	4.13	10.30
2	4	17	8XT	2475	1059	578	1637	2.27	33.55/[1637]	3.82	11.53
1	2	17	8XT	2475	1191	0	1191	3.12	52.61/[1191]	3.56 [3.18]	12.77

### Column Descriptions:

- Ta: allowable geogrid strength
- Rc %: percent coverage for geosynthetics
- EP (Pa) internal active earth pressure
- LL (Pql) earth pressure due to live load surcharge
- DL (Pqd) earth pressure due to dead load surcharge
- Tmax maximum earth pressure on geosynthetic layer
- FSstr factor of safety on geogrid strength (LTDS/Tmax)
- Ta cn allowable tension on the connection
- FS Pkcn, factor of safety on the connection (PkCn/Tmax)
- FS PO, factor of safety on pullout (Pullout/(Tmax - LL)
- Grid Embedment, depth of embedment beyond the theoretical failure plane.

## CONNECTION RESULTS TABLE

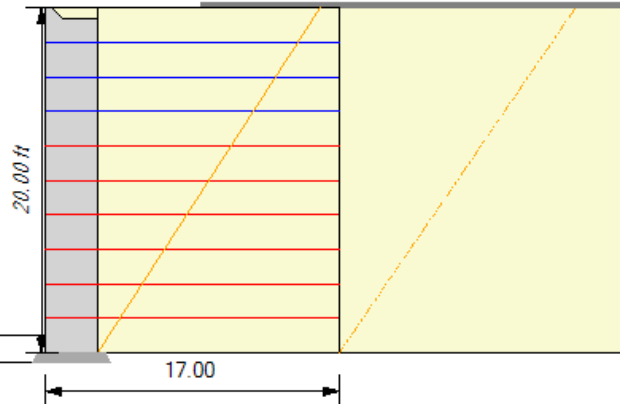
Connection results compare the load on the connection (pullout at the face) to the resistance of the connection. In the NCMA design methodology the connection load accounts for the loading 'over the active zone' in the failure plane from each reinforcing layer. Note that live load (LL) in T<sub>max</sub> for the reinforcing layer is the load calculated from the base of the wall and maybe larger then LL for the connection (T<sub>cn</sub>)

AASHTO design methodology (Simplified or Stiffness) the connection load, T<sub>o</sub>, is equal to the T<sub>max</sub> in the reinforcing. In Limit equilibrium the the connection load (T<sub>o</sub>) is less than the T<sub>max</sub> in the reinforcing layer as it is calculated at each layer of reinforcing, similar to the Trial Wedge Method using in REA software.

ID	Height	Length	Name	Pa	DL	T <sub>cn</sub>	TaCn	FSPkCn
9	18	17	5XT	149	867	149	2178	14.63
8	16	17	5XT	265	578	265	2227	8.41
7	14	17	5XT	397	578	397	2275	5.73
6	12	17	8XT	529	578	529	2603	4.92
5	10	17	8XT	662	578	662	2715	4.10
4	8	17	8XT	794	578	794	2828	3.56
3	6	17	8XT	926	578	926	2940	3.17
2	4	17	8XT	1059	578	1059	3052	2.88
1	2	17	8XT	1191	0	1191	3164	2.66

## REA Analysis

Project: Wasatch Elementary  
 Location: Provo, Utah  
 Designer: Tyler L  
 Date: 10/23/2025  
 Section: Wall 1, 20ft Tall, 32 Degrees  
 Design Method: NCMA\_09\_3rd\_Ed, Include Vert. Force  
 Design Unit: VertiBlock 4.0: 36



SOIL PARAMETERS	$\Phi$	coh	$\gamma$
Reinforced Soil:	32 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Retained Soil:	32 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Foundation Soil:	32 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Leveling Pad:	40 deg	0 lbf/ft <sup>2</sup>	135 lbf/ft <sup>3</sup>
Leveling Pad:	Crushed Stone		

### GEOMETRY

Design Height:	20.00 ft (19.00 ft Exp.)	Live Load:	0 lbf/ft <sup>2</sup>
Wall Batter/Tilt:	0.00/ 0.00 deg	Live Load Offset:	0.00 ft
Embedment:	1.00 ft	LL2 Width:	0 ft
Leveling Pad Depth:	0.50 ft	Dead Load:	2,400 lbf/ft <sup>2</sup>
Back Slope Angle:	0.0 deg	Dead Load Offset:	6.0 ft
Back Slope Length:	0.0 ft	Dead Load Width:	50.00 ft
Back Slope Toe Offset:	0.0 ft		
Vertical $\delta$ on Single Depth			

### FACTORS OF SAFETY

Sliding:	1.50	Pullout:	1.50
Overturning:	2.00	Tension/Uncertainties:	1.50
Bearing:	2.00	Connection:	1.50
Unit/Unit Shear:	1.50		

# Verti-Block. Retaining Walls

## RESULTS

FoS Sliding:	2.69	FoS Overturning:	5.39
Bearing	4.954	FoS Bearing:	7.15
FoS Pullout	5.57		
Total Pullout	253,969	FoS Total Pullout	32.75
Top FoSot:	17.69	FoS Connection:	2.43

ID	Height	Length	Name	Ta	Pa	DL	TMax	FSStr	FSPo	FSSldg	GridEmbedment
9	18	17	5XT	1786	163	987	1149	2.33	5.57/[1149]	6.23	2.39
8	16	17	5XT	1786	289	658	947	2.83	11.51/[947]	7.41	3.68
7	14	17	5XT	1786	433	658	1091	2.45	14.77/[1091]	5.56	4.97
6	12	17	8XT	2812	578	658	1236	3.41	17.86/[1236]	4.60	6.26
5	10	17	8XT	2812	722	658	1380	3.06	20.83/[1380]	3.99	7.55
4	8	17	8XT	2812	867	658	1525	2.77	22.39/[1525]	3.57	8.84
3	6	17	8XT	2812	1011	658	1669	2.53	23.47/[1669]	3.26	10.13
2	4	17	8XT	2812	1156	658	1814	2.33	24.78/[1814]	3.01	11.42
1	2	17	8XT	2812	1300	0	1300	3.24	39.56/[1300]	2.81 [2.69]	12.71

### Column Descriptions:

- Ta: allowable geogrid strength
- Rc %: percent coverage for geosynthetics
- EP (Pa) internal active earth pressure
- LL (Pql) earth pressure due to live load surcharge
- DL (Pqd) earth pressure due to dead load surcharge
- Tmax maximum earth pressure on geosynthetic layer
- FSstr factor of safety on geogrid strength (LTDS/Tmax)
- Ta cn allowable tension on the connection
- FS Pkcn, factor of safety on the connection (PkCn/Tmax)
- FS PO, factor of safety on pullout (Pullout/(Tmax - LL)
- Grid Embedment, depth of embedment beyond the theoretical failure plane.

## CONNECTION RESULTS TABLE

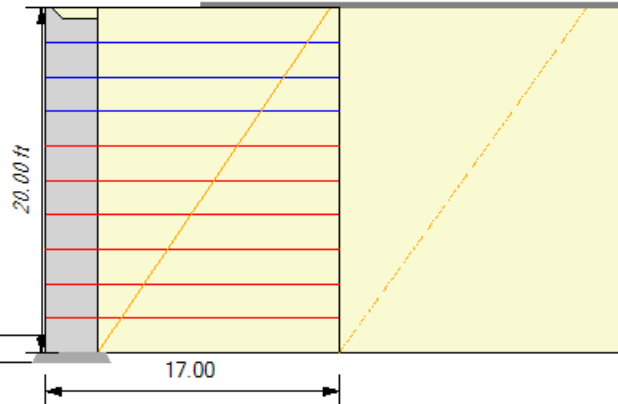
Connection results compare the load on the connection (pullout at the face) to the resistance of the connection. In the NCMA design methodology the connection load accounts for the loading 'over the active zone' in the failure plane from each reinforcing layer. Note that live load (LL) in T<sub>max</sub> for the reinforcing layer is the load calculated from the base of the wall and maybe larger then LL for the connection (T<sub>cn</sub>)

AASHTO design methodology (Simplified or Stiffness) the connection load, T<sub>o</sub>, is equal to the T<sub>max</sub> in the reinforcing. In Limit equilibrium the the connection load (T<sub>o</sub>) is less than the T<sub>max</sub> in the reinforcing layer as it is calculated at each layer of reinforcing, similar to the Trial Wedge Method using in REA software.

ID	Height	Length	Name	Pa	DL	T <sub>cn</sub>	TaCn	FSPkCn
9	18	17	5XT	163	987	163	2178	13.40
8	16	17	5XT	289	658	289	2227	7.71
7	14	17	5XT	433	658	433	2275	5.25
6	12	17	8XT	578	658	578	2603	4.50
5	10	17	8XT	722	658	722	2715	3.76
4	8	17	8XT	867	658	867	2828	3.26
3	6	17	8XT	1011	658	1011	2940	2.91
2	4	17	8XT	1156	658	1156	3052	2.64
1	2	17	8XT	1300	0	1300	3164	2.43

## REA Analysis

Project: Wasatch Elementary  
 Location: Provo, Utah  
 Designer: Tyler L  
 Date: 10/23/2025  
 Section: Wall 1, 20ft Tall, 30 Degrees  
 Design Method: NCMA\_09\_3rd\_Ed, Include Vert. Force  
 Design Unit: VertiBlock 4.0: 36



SOIL PARAMETERS	$\Phi$	coh	$\gamma$
Reinforced Soil:	30 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Retained Soil:	30 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Foundation Soil:	30 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Leveling Pad:	40 deg	0 lbf/ft <sup>2</sup>	135 lbf/ft <sup>3</sup>
Leveling Pad:	Crushed Stone		

### GEOMETRY

Design Height:	20.00 ft (19.00 ft Exp.)	Live Load:	0 lbf/ft <sup>2</sup>
Wall Batter/Tilt:	0.00/ 0.00 deg	Live Load Offset:	0.00 ft
Embedment:	1.00 ft	LL2 Width:	0 ft
Leveling Pad Depth:	0.50 ft	Dead Load:	2,400 lbf/ft <sup>2</sup>
Back Slope Angle:	0.0 deg	Dead Load Offset:	6.0 ft
Back Slope Length:	0.0 ft	Dead Load Width:	50.00 ft
Back Slope Toe Offset:	0.0 ft		
Vertical $\delta$ on Single Depth			

### FACTORS OF SAFETY

Sliding:	1.50	Pullout:	1.50
Overturning:	2.00	Tension/Uncertainties:	1.50
Bearing:	2.00	Connection:	1.50
Unit/Unit Shear:	1.50		

# Verti-Block. Retaining Walls

## RESULTS

FoS Sliding:	2.28	FoS Overturning:	4.93
Bearing	5.078	FoS Bearing:	5.10
FoS Pullout	3.54		
Total Pullout	227,491	FoS Total Pullout	27.13
Top FoSot:	16.24	FoS Connection:	2.23

ID	Height	Length	Name	Ta	Pa	DL	TMax	FSStr	FSPo	FSSldg	GridEmbedment
9	18	17	5XT	1786	177	1117	1295	2.07	3.54/[1295]	5.35	1.85
8	16	17	5XT	1786	315	745	1060	2.53	8.27/[1060]	6.38	3.20
7	14	17	5XT	1786	473	745	1218	2.20	11.21/[1218]	4.79	4.55
6	12	17	8XT	2812	630	745	1375	3.07	13.98/[1375]	3.96	5.90
5	10	17	8XT	2812	788	745	1533	2.75	16.65/[1533]	3.44	7.25
4	8	17	8XT	2812	945	745	1690	2.50	18.44/[1690]	3.08	8.60
3	6	17	8XT	2812	1103	745	1848	2.28	19.42/[1848]	2.81	9.95
2	4	17	8XT	2812	1261	745	2006	2.10	20.59/[2006]	2.60	11.30
1	2	17	8XT	2812	1418	0	1418	2.97	33.42/[1418]	2.43 [2.28]	12.65

### Column Descriptions:

- Ta: allowable geogrid strength
- Rc %: percent coverage for geosynthetics
- EP (Pa) internal active earth pressure
- LL (Pql) earth pressure due to live load surcharge
- DL (Pqd) earth pressure due to dead load surcharge
- Tmax maximum earth pressure on geosynthetic layer
- FSstr factor of safety on geogrid strength (LTDS/Tmax)
- Ta cn allowable tension on the connection
- FS Pkcn, factor of safety on the connection (PkCn/Tmax)
- FS PO, factor of safety on pullout (Pullout/(Tmax - LL)
- Grid Embedment, depth of embedment beyond the theoretical failure plane.

# Verti-Block. Retaining Walls

## CONNECTION RESULTS TABLE

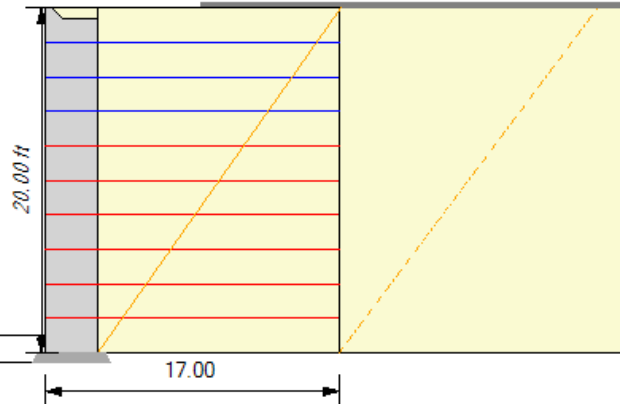
Connection results compare the load on the connection (pullout at the face) to the resistance of the connection. In the NCMA design methodology the connection load accounts for the loading 'over the active zone' in the failure plane from each reinforcing layer. Note that live load (LL) in T<sub>max</sub> for the reinforcing layer is the load calculated from the base of the wall and maybe larger then LL for the connection (T<sub>cn</sub>)

AASHTO design methodology (Simplified or Stiffness) the connection load, T<sub>o</sub>, is equal to the T<sub>max</sub> in the reinforcing. In Limit equilibrium the the connection load (T<sub>o</sub>) is less than the T<sub>max</sub> in the reinforcing layer as it is calculated at each layer of reinforcing, similar to the Trial Wedge Method using in REA software.

ID	Height	Length	Name	Pa	DL	T <sub>cn</sub>	TaCn	FSPkCn
9	18	17	5XT	177	1117	177	2178	12.29
8	16	17	5XT	315	745	315	2227	7.07
7	14	17	5XT	473	745	473	2275	4.81
6	12	17	8XT	630	745	630	2603	4.13
5	10	17	8XT	788	745	788	2715	3.45
4	8	17	8XT	945	745	945	2828	2.99
3	6	17	8XT	1103	745	1103	2940	2.67
2	4	17	8XT	1261	745	1261	3052	2.42
1	2	17	8XT	1418	0	1418	3164	2.23

## REA Analysis

Project: Wasatch Elementary  
 Location: Provo, Utah  
 Designer: Tyler L  
 Date: 10/23/2025  
 Section: Wall 1, 20ft Tall, 28 Degrees  
 Design Method: NCMA\_09\_3rd\_Ed, Include Vert. Force  
 Design Unit: VertiBlock 4.0: 36



SOIL PARAMETERS	$\Phi$	coh	$\gamma$
Reinforced Soil:	28 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Retained Soil:	28 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Foundation Soil:	28 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Leveling Pad:	40 deg	0 lbf/ft <sup>2</sup>	135 lbf/ft <sup>3</sup>
Leveling Pad:	Crushed Stone		

### GEOMETRY

Design Height:	20.00 ft (19.00 ft Exp.)	Live Load:	0 lbf/ft <sup>2</sup>
Wall Batter/Tilt:	0.00/ 0.00 deg	Live Load Offset:	0.00 ft
Embedment:	1.00 ft	LL2 Width:	0 ft
Leveling Pad Depth:	0.50 ft	Dead Load:	2,400 lbf/ft <sup>2</sup>
Back Slope Angle:	0.0 deg	Dead Load Offset:	6.0 ft
Back Slope Length:	0.0 ft	Dead Load Width:	50.00 ft
Back Slope Toe Offset:	0.0 ft		
Vertical $\delta$ on Single Depth			

### FACTORS OF SAFETY

Sliding:	1.50	Pullout:	1.50
Overturning:	2.00	Tension/Uncertainties:	1.50
Bearing:	2.00	Connection:	1.50
Unit/Unit Shear:	1.50		

# Verti-Block. Retaining Walls

## RESULTS

FoS Sliding:	1.92	FoS Overturning:	4.52
Bearing	5,220	FoS Bearing:	3.64
FoS Pullout	2.04		
Total Pullout	202,706	FoS Total Pullout	22.37
Top FoSot:	14.93	FoS Connection:	2.05

ID	Height	Length	Name	Ta	Pa	DL	TMax	FSStr	FSPo	FSSldg	GridEmbedment
9	18	17	5XT	1786	193	1260	1453	1.84	2.04/[1453]	4.59	1.30
8	16	17	5XT	1786	343	840	1183	2.26	5.78/[1183]	5.48	2.71
7	14	17	5XT	1786	515	840	1355	1.98	8.40/[1355]	4.12	4.12
6	12	17	8XT	2812	687	840	1527	2.76	10.88/[1527]	3.41	5.53
5	10	17	8XT	2812	858	840	1698	2.48	13.25/[1698]	2.97	6.94
4	8	17	8XT	2812	1030	840	1870	2.26	15.17/[1870]	2.66	8.36
3	6	17	8XT	2812	1202	840	2042	2.07	16.03/[2042]	2.42	9.77
2	4	17	8XT	2812	1373	840	2213	1.91	17.07/[2213]	2.24	11.18
1	2	17	8XT	2812	1545	0	1545	2.73	28.16/[1545]	2.09 [1.92]	12.59

### Column Descriptions:

- Ta: allowable geogrid strength
- Rc %: percent coverage for geosynthetics
- EP (Pa) internal active earth pressure
- LL (Pql) earth pressure due to live load surcharge
- DL (Pqd) earth pressure due to dead load surcharge
- Tmax maximum earth pressure on geosynthetic layer
- FSstr factor of safety on geogrid strength (LTDS/Tmax)
- Ta cn allowable tension on the connection
- FS Pkcn, factor of safety on the connection (PkCn/Tmax)
- FS PO, factor of safety on pullout (Pullout/(Tmax - LL)
- Grid Embedment, depth of embedment beyond the theoretical failure plane.

# Verti-Block. Retaining Walls

## CONNECTION RESULTS TABLE

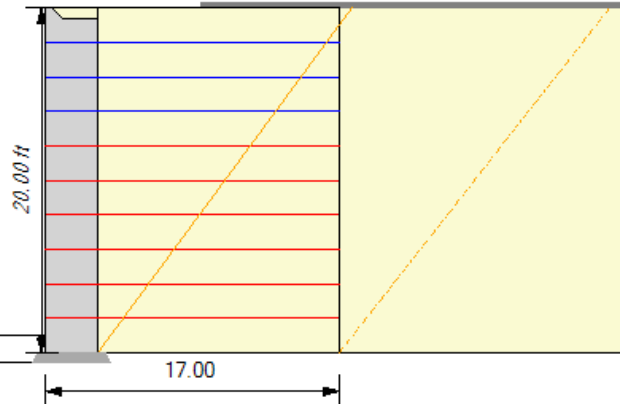
Connection results compare the load on the connection (pullout at the face) to the resistance of the connection. In the NCMA design methodology the connection load accounts for the loading 'over the active zone' in the failure plane from each reinforcing layer. Note that live load (LL) in T<sub>max</sub> for the reinforcing layer is the load calculated from the base of the wall and maybe larger then LL for the connection (T<sub>cn</sub>)

AASHTO design methodology (Simplified or Stiffness) the connection load, T<sub>o</sub>, is equal to the T<sub>max</sub> in the reinforcing. In Limit equilibrium the the connection load (T<sub>o</sub>) is less than the T<sub>max</sub> in the reinforcing layer as it is calculated at each layer of reinforcing, similar to the Trial Wedge Method using in REA software.

ID	Height	Length	Name	Pa	DL	T <sub>cn</sub>	TaCn	FSPkCn
9	18	17	5XT	193	1260	193	2178	11.28
8	16	17	5XT	343	840	343	2227	6.48
7	14	17	5XT	515	840	515	2275	4.42
6	12	17	8XT	687	840	687	2603	3.79
5	10	17	8XT	858	840	858	2715	3.16
4	8	17	8XT	1030	840	1030	2828	2.75
3	6	17	8XT	1202	840	1202	2940	2.45
2	4	17	8XT	1373	840	1373	3052	2.22
1	2	17	8XT	1545	0	1545	3164	2.05

## REA Analysis

Project: Wasatch Elementary  
 Location: Provo, Utah  
 Designer: Tyler L  
 Date: 10/23/2025  
 Section: Wall 1, 20ft Tall, 26 Degrees  
 Design Method: NCMA\_09\_3rd\_Ed, Include Vert. Force  
 Design Unit: VertiBlock 4.0: 36



SOIL PARAMETERS	$\Phi$	coh	$\gamma$
Reinforced Soil:	26 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Retained Soil:	26 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Foundation Soil:	26 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Leveling Pad:	40 deg	0 lbf/ft <sup>2</sup>	135 lbf/ft <sup>3</sup>
Leveling Pad:	Crushed Stone		

### GEOMETRY

Design Height:	20.00 ft (19.00 ft Exp.)	Live Load:	0 lbf/ft <sup>2</sup>
Wall Batter/Tilt:	0.00/ 0.00 deg	Live Load Offset:	0.00 ft
Embedment:	1.00 ft	LL2 Width:	0 ft
Leveling Pad Depth:	0.50 ft	Dead Load:	2,400 lbf/ft <sup>2</sup>
Back Slope Angle:	0.0 deg	Dead Load Offset:	6.0 ft
Back Slope Length:	0.0 ft	Dead Load Width:	50.00 ft
Back Slope Toe Offset:	0.0 ft		
Vertical $\delta$ on Single Depth			

### FACTORS OF SAFETY

Sliding:	1.50	Pullout:	1.50
Overturning:	2.00	Tension/Uncertainties:	1.50
Bearing:	2.00	Connection:	1.50
Unit/Unit Shear:	1.50		

# Verti-Block. Retaining Walls

## RESULTS

FoS Sliding:	1.49 NG	FoS Overturning:	4.13
Bearing	5,383	FoS Bearing:	2.60
FoS Pullout	0.71 NG		
Total Pullout	134,624	FoS Total Pullout	13.75
Top FoSot:	13.72	FoS Connection:	1.88

ID	Height	Length	Name	Ta	Pa	DL	TMax	FSStr	FSPo	FSSldg	GridEmbedment
9	18	17	5XT	1871	210	1415	1625	1.73	0.71/[1625](*)	3.21	0.73(?)
8	16	17	5XT	1871	374	943	1317	2.13	2.90/[1317]	3.86	2.21
7	14	17	5XT	1871	561	943	1504	1.87	4.65/[1504]	2.91	3.68
6	12	17	8XT	2946	748	943	1691	2.61	6.29/[1691]	2.42	5.15
5	10	17	8XT	2946	934	943	1878	2.35	7.87/[1878]	2.11	6.63
4	8	17	8XT	2946	1121	943	2065	2.14	9.33/[2065]	1.89	8.10
3	6	17	8XT	2946	1308	943	2251	1.96	9.91/[2251]	1.73	9.58
2	4	17	8XT	2946	1495	943	2438	1.81	10.59/[2438]	1.60	11.05
1	2	17	8XT	2946	1682	0	1682	2.63	17.74/[1682]	1.49 [1.61](?)	12.53

### Column Descriptions:

- Ta: allowable geogrid strength
- Rc %: percent coverage for geosynthetics
- EP (Pa) internal active earth pressure
- LL (Pql) earth pressure due to live load surcharge
- DL (Pqd) earth pressure due to dead load surcharge
- Tmax maximum earth pressure on geosynthetic layer
- FSstr factor of safety on geogrid strength (LTDS/Tmax)
- Ta cn allowable tension on the connection
- FS Pkcn, factor of safety on the connection (PkCn/Tmax)
- FS PO, factor of safety on pullout (Pullout/(Tmax - LL)
- Grid Embedment, depth of embedment beyond the theoretical failure plane.

# Verti-Block. Retaining Walls

## CONNECTION RESULTS TABLE

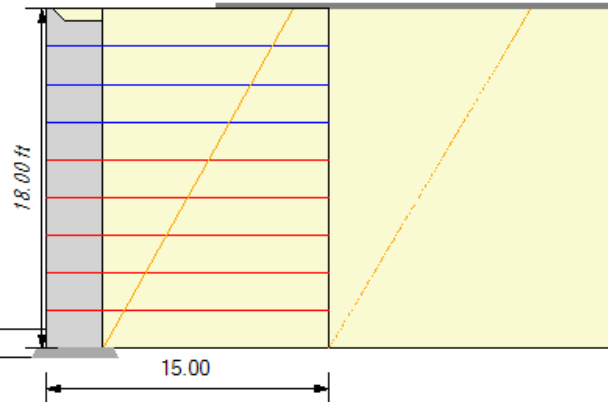
Connection results compare the load on the connection (pullout at the face) to the resistance of the connection. In the NCMA design methodology the connection load accounts for the loading 'over the active zone' in the failure plane from each reinforcing layer. Note that live load (LL) in T<sub>max</sub> for the reinforcing layer is the load calculated from the base of the wall and maybe larger then LL for the connection (T<sub>cn</sub>)

AASHTO design methodology (Simplified or Stiffness) the connection load, T<sub>o</sub>, is equal to the T<sub>max</sub> in the reinforcing. In Limit equilibrium the the connection load (T<sub>o</sub>) is less than the T<sub>max</sub> in the reinforcing layer as it is calculated at each layer of reinforcing, similar to the Trial Wedge Method using in REA software.

ID	Height	Length	Name	Pa	DL	T <sub>cn</sub>	TaCn	FSPkCn
9	18	17	5XT	210	1415	210	2178	10.36
8	16	17	5XT	374	943	374	2227	5.96
7	14	17	5XT	561	943	561	2275	4.06
6	12	17	8XT	748	943	748	2603	3.48
5	10	17	8XT	934	943	934	2715	2.91
4	8	17	8XT	1121	943	1121	2828	2.52
3	6	17	8XT	1308	943	1308	2940	2.25
2	4	17	8XT	1495	943	1495	3052	2.04
1	2	17	8XT	1682	0	1682	3164	1.88

## REA Analysis

Project: Wasatch Elementary  
 Location: Provo, Utah  
 Designer: Tyler L  
 Date: 10/23/2025  
 Section: Wall 1, 18ft Tall, 38 Degrees  
 Design Method: NCMA\_09\_3rd\_Ed, Include Vert. Force  
 Design Unit: VertiBlock 4.0: 36



SOIL PARAMETERS	$\Phi$	coh	$\gamma$
Reinforced Soil:	38 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Retained Soil:	38 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Foundation Soil:	38 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Leveling Pad:	40 deg	0 lbf/ft <sup>2</sup>	135 lbf/ft <sup>3</sup>
Leveling Pad:	Crushed Stone		

### GEOMETRY

Design Height:	18.00 ft (17.00 ft Exp.)	Live Load:	0 lbf/ft <sup>2</sup>
Wall Batter/Tilt:	0.00/ 0.00 deg	Live Load Offset:	0.00 ft
Embedment:	1.00 ft	LL2 Width:	0 ft
Leveling Pad Depth:	0.50 ft	Dead Load:	2,400 lbf/ft <sup>2</sup>
Back Slope Angle:	0.0 deg	Dead Load Offset:	6.0 ft
Back Slope Length:	0.0 ft	Dead Load Width:	50.00 ft
Back Slope Toe Offset:	0.0 ft		
Vertical $\delta$ on Single Depth			

### FACTORS OF SAFETY

Sliding:	1.50	Pullout:	1.50
Overturning:	2.00	Tension/Uncertainties:	1.50
Bearing:	2.00	Connection:	1.50
Unit/Unit Shear:	1.50		

# Verti-Block. Retaining Walls

## RESULTS

FoS Sliding:	3.98	FoS Overturning:	6.37
Bearing	4,216	FoS Bearing:	19.79
FoS Pullout	16.37		
Total Pullout	261,173	FoS Total Pullout	52.74
Top FoSot:	22.96	FoS Connection:	3.45

ID	Height	Length	Name	Ta	Pa	DL	TMax	FSStr	FSPo	FSSldg	GridEmbedment
8	16	15	5XT	1571	124	572	697	3.38	16.37/[697]	8.88	3.02
7	14	15	5XT	1571	221	382	603	3.91	28.68/[603]	10.66	4.15
6	12	15	5XT	1571	332	382	713	3.30	33.72/[713]	8.08	5.27
5	10	15	8XT	2475	442	382	824	4.51	36.89/[824]	6.73	6.39
4	8	15	8XT	2475	553	382	934	3.97	37.62/[934]	5.89	7.51
3	6	15	8XT	2475	663	382	1045	3.55	39.05/[1045]	5.30	8.63
2	4	15	8XT	2475	774	382	1155	3.21	40.97/[1155]	4.85	9.76
1	2	15	8XT	2475	884	0	884	4.20	61.94/[884]	4.50 [3.98]	10.88

### Column Descriptions:

- Ta: allowable geogrid strength
- Rc %: percent coverage for geosynthetics
- EP (Pa) internal active earth pressure
- LL (Pql) earth pressure due to live load surcharge
- DL (Pqd) earth pressure due to dead load surcharge
- Tmax maximum earth pressure on geosynthetic layer
- FSstr factor of safety on geogrid strength (LTDS/Tmax)
- Ta cn allowable tension on the connection
- FS Pkcn, factor of safety on the connection (PkCn/Tmax)
- FS PO, factor of safety on pullout (Pullout/(Tmax - LL))
- Grid Embedment, depth of embedment beyond the theoretical failure plane.

# Verti-Block. Retaining Walls

## CONNECTION RESULTS TABLE

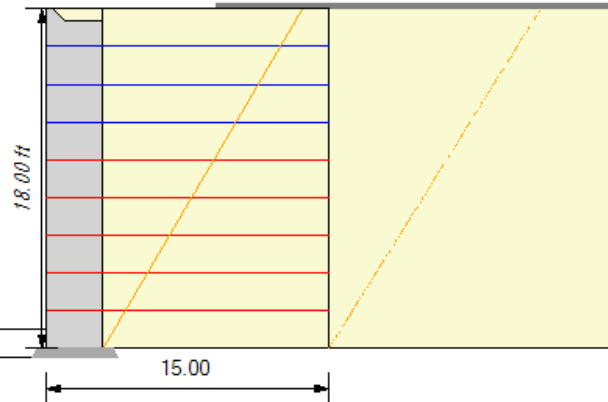
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AASHTO design methodology (Simplified or Stiffness) the connection load, T<sub>o</sub>, is equal to the T<sub>max</sub> in the reinforcing. In Limit equilibrium the the connection load (T<sub>o</sub>) is less than the T<sub>max</sub> in the reinforcing layer as it is calculated at each layer of reinforcing, similar to the Trial Wedge Method using in REA software.

ID	Height	Length	Name	Pa	DL	T <sub>cn</sub>	T <sub>aCn</sub>	FSPkCn
8	16	15	5XT	124	572	124	2178	17.52
7	14	15	5XT	221	382	221	2227	10.07
6	12	15	5XT	332	382	332	2275	6.86
5	10	15	8XT	442	382	442	2603	5.89
4	8	15	8XT	553	382	553	2715	4.91
3	6	15	8XT	663	382	663	2828	4.26
2	4	15	8XT	774	382	774	2940	3.80
1	2	15	8XT	884	0	884	3052	3.45

## REA Analysis

Project: Wasatch Elementary  
 Location: Provo, Utah  
 Designer: Tyler L  
 Date: 10/23/2025  
 Section: Wall 1, 18ft Tall, 36 Degrees  
 Design Method: NCMA\_09\_3rd\_Ed, Include Vert. Force  
 Design Unit: VertiBlock 4.0: 36



SOIL PARAMETERS	$\Phi$	coh	$\gamma$
Reinforced Soil:	36 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Retained Soil:	36 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Foundation Soil:	36 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Leveling Pad:	40 deg	0 lbf/ft <sup>2</sup>	135 lbf/ft <sup>3</sup>
Leveling Pad:	Crushed Stone		

### GEOMETRY

Design Height:	18.00 ft (17.00 ft Exp.)	Live Load:	0 lbf/ft <sup>2</sup>
Wall Batter/Tilt:	0.00/ 0.00 deg	Live Load Offset:	0.00 ft
Embedment:	1.00 ft	LL2 Width:	0 ft
Leveling Pad Depth:	0.50 ft	Dead Load:	2,400 lbf/ft <sup>2</sup>
Back Slope Angle:	0.0 deg	Dead Load Offset:	6.0 ft
Back Slope Length:	0.0 ft	Dead Load Width:	50.00 ft
Back Slope Toe Offset:	0.0 ft		
Vertical $\delta$ on Single Depth			

### FACTORS OF SAFETY

Sliding:	1.50	Pullout:	1.50
Overturning:	2.00	Tension/Uncertainties:	1.50
Bearing:	2.00	Connection:	1.50
Unit/Unit Shear:	1.50		

# Verti-Block. Retaining Walls

## RESULTS

FoS Sliding:	3.40	FoS Overturning:	5.82
Bearing	4,307	FoS Bearing:	13.84
FoS Pullout	11.26		
Total Pullout	236,851	FoS Total Pullout	44.14
Top FoSot:	21.02	FoS Connection:	3.15

ID	Height	Length	Name	Ta	Pa	DL	TMax	FSStr	FSPo	FSSldg	GridEmbedment
8	16	15	5XT	1571	136	670	806	2.93	11.26/[806]	7.63	2.59
7	14	15	5XT	1571	242	446	688	3.42	21.19/[688]	9.17	3.76
6	12	15	5XT	1571	363	446	809	2.91	25.91/[809]	6.95	4.94
5	10	15	8XT	2475	484	446	930	3.99	29.94/[930]	5.80	6.12
4	8	15	8XT	2475	605	446	1052	3.53	30.70/[1052]	5.07	7.29
3	6	15	8XT	2475	726	446	1173	3.17	32.05/[1173]	4.56	8.47
2	4	15	8XT	2475	847	446	1294	2.87	33.81/[1294]	4.18	9.65
1	2	15	8XT	2475	968	0	968	3.83	52.43/[968]	3.88 [3.40]	10.82

### Column Descriptions:

- Ta: allowable geogrid strength
- Rc %: percent coverage for geosynthetics
- EP (Pa) internal active earth pressure
- LL (Pql) earth pressure due to live load surcharge
- DL (Pqd) earth pressure due to dead load surcharge
- Tmax maximum earth pressure on geosynthetic layer
- FSstr factor of safety on geogrid strength (LTDS/Tmax)
- Ta cn allowable tension on the connection
- FS Pkcn, factor of safety on the connection (PkCn/Tmax)
- FS PO, factor of safety on pullout (Pullout/(Tmax - LL)
- Grid Embedment, depth of embedment beyond the theoretical failure plane.

## CONNECTION RESULTS TABLE

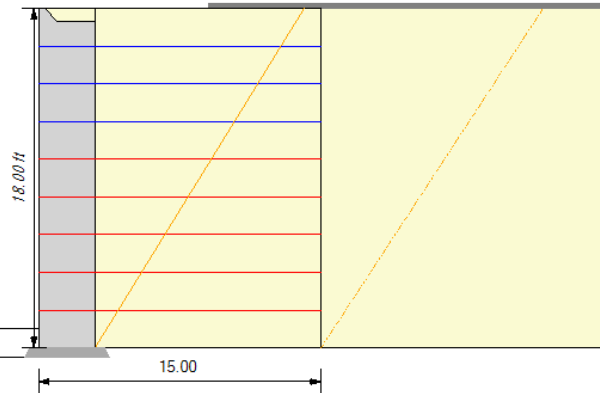
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AASHTO design methodology (Simplified or Stiffness) the connection load, T<sub>o</sub>, is equal to the T<sub>max</sub> in the reinforcing. In Limit equilibrium the the connection load (T<sub>o</sub>) is less than the T<sub>max</sub> in the reinforcing layer as it is calculated at each layer of reinforcing, similar to the Trial Wedge Method using in REA software.

ID	Height	Length	Name	Pa	DL	T <sub>cn</sub>	TaCn	FSPkCn
8	16	15	5XT	136	670	136	2178	16.00
7	14	15	5XT	242	446	242	2227	9.20
6	12	15	5XT	363	446	363	2275	6.27
5	10	15	8XT	484	446	484	2603	5.38
4	8	15	8XT	605	446	605	2715	4.49
3	6	15	8XT	726	446	726	2828	3.89
2	4	15	8XT	847	446	847	2940	3.47
1	2	15	8XT	968	0	968	3052	3.15

## REA Analysis

Project: Wasatch Elementary  
 Location: Provo, Utah  
 Designer: Tyler L  
 Date: 10/23/2025  
 Section: Wall 1, 18ft Tall, 34 Degrees  
 Design Method: NCMA\_09\_3rd\_Ed, Include Vert. Force  
 Design Unit: VertiBlock 4.0: 36



SOIL PARAMETERS	$\Phi$	coh	$\gamma$
Reinforced Soil:	34 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Retained Soil:	34 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Foundation Soil:	34 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Leveling Pad:	40 deg	0 lbf/ft <sup>2</sup>	135 lbf/ft <sup>3</sup>
Leveling Pad:	Crushed Stone		

### GEOMETRY

Design Height:	18.00 ft (17.00 ft Exp.)	Live Load:	0 lbf/ft <sup>2</sup>
Wall Batter/Tilt:	0.00/ 0.00 deg	Live Load Offset:	0.00 ft
Embedment:	1.00 ft	LL2 Width:	0 ft
Leveling Pad Depth:	0.50 ft	Dead Load:	2,400 lbf/ft <sup>2</sup>
Back Slope Angle:	0.0 deg	Dead Load Offset:	6.0 ft
Back Slope Length:	0.0 ft	Dead Load Width:	50.00 ft
Back Slope Toe Offset:	0.0 ft		
Vertical $\delta$ on Single Depth			

### FACTORS OF SAFETY

Sliding:	1.50	Pullout:	1.50
Overturning:	2.00	Tension/Uncertainties:	1.50
Bearing:	2.00	Connection:	1.50
Unit/Unit Shear:	1.50		

# Verti-Block. Retaining Walls

## RESULTS

FoS Sliding:	2.90	FoS Overturning:	5.32
Bearing	4,408	FoS Bearing:	9.75
FoS Pullout	7.53		
Total Pullout	213,670	FoS Total Pullout	36.79
Top FoSot:	19.27	FoS Connection:	2.88

ID	Height	Length	Name	Ta	Pa	DL	TMax	FSStr	FSPo	FSSldg	GridEmbedment
8	16	15	5XT	1571	149	776	925	2.55	7.53/[925]	6.56	2.14
7	14	15	5XT	1571	265	517	782	3.01	15.52/[782]	7.89	3.37
6	12	15	5XT	1571	397	517	914	2.58	19.85/[914]	5.99	4.60
5	10	15	8XT	2475	529	517	1046	3.55	23.89/[1046]	5.00	5.84
4	8	15	8XT	2475	662	517	1179	3.15	25.10/[1179]	4.38	7.07
3	6	15	8XT	2475	794	517	1311	2.83	26.34/[1311]	3.94	8.30
2	4	15	8XT	2475	926	517	1443	2.57	27.94/[1443]	3.61	9.53
1	2	15	8XT	2475	1059	0	1059	3.51	44.37/[1059]	3.35 [2.90]	10.77

### Column Descriptions:

- Ta: allowable geogrid strength
- Rc %: percent coverage for geosynthetics
- EP (Pa) internal active earth pressure
- LL (Pql) earth pressure due to live load surcharge
- DL (Pqd) earth pressure due to dead load surcharge
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## CONNECTION RESULTS TABLE

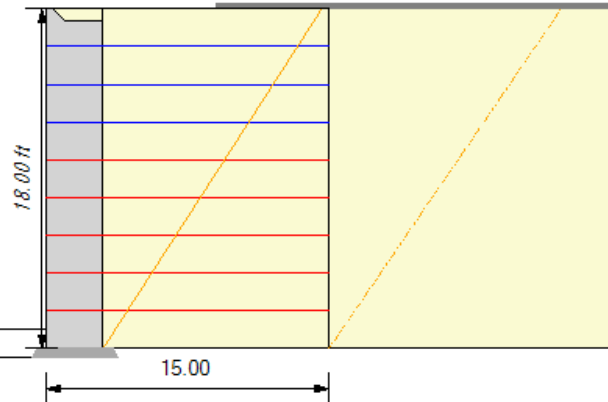
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ID	Height	Length	Name	Pa	DL	T <sub>cn</sub>	TaCn	FSPkCn
8	16	15	5XT	149	776	149	2178	14.63
7	14	15	5XT	265	517	265	2227	8.41
6	12	15	5XT	397	517	397	2275	5.73
5	10	15	8XT	529	517	529	2603	4.92
4	8	15	8XT	662	517	662	2715	4.10
3	6	15	8XT	794	517	794	2828	3.56
2	4	15	8XT	926	517	926	2940	3.17
1	2	15	8XT	1059	0	1059	3052	2.88

## REA Analysis

Project: Wasatch Elementary  
 Location: Provo, Utah  
 Designer: Tyler L  
 Date: 10/23/2025  
 Section: Wall 1, 18ft Tall, 32 Degrees  
 Design Method: NCMA\_09\_3rd\_Ed, Include Vert. Force  
 Design Unit: VertiBlock 4.0: 36



SOIL PARAMETERS	$\Phi$	coh	$\gamma$
Reinforced Soil:	32 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Retained Soil:	32 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Foundation Soil:	32 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Leveling Pad:	40 deg	0 lbf/ft <sup>2</sup>	135 lbf/ft <sup>3</sup>
Leveling Pad:	Crushed Stone		

### GEOMETRY

Design Height:	18.00 ft (17.00 ft Exp.)	Live Load:	0 lbf/ft <sup>2</sup>
Wall Batter/Tilt:	0.00/ 0.00 deg	Live Load Offset:	0.00 ft
Embedment:	1.00 ft	LL2 Width:	0 ft
Leveling Pad Depth:	0.50 ft	Dead Load:	2,400 lbf/ft <sup>2</sup>
Back Slope Angle:	0.0 deg	Dead Load Offset:	6.0 ft
Back Slope Length:	0.0 ft	Dead Load Width:	50.00 ft
Back Slope Toe Offset:	0.0 ft		
Vertical $\delta$ on Single Depth			

### FACTORS OF SAFETY

Sliding:	1.50	Pullout:	1.50
Overturning:	2.00	Tension/Uncertainties:	1.50
Bearing:	2.00	Connection:	1.50
Unit/Unit Shear:	1.50		

# Verti-Block. Retaining Walls

## RESULTS

FoS Sliding:	2.46	FoS Overturning:	4.87
Bearing	4,522	FoS Bearing:	6.90
FoS Pullout	4.27		
Total Pullout	170,399	FoS Total Pullout	27.12
Top FoSot:	17.69	FoS Connection:	2.64

ID	Height	Length	Name	Ta	Pa	DL	TMax	FSStr	FSPo	FSSldg	GridEmbedment
8	16	15	5XT	1786	163	892	1054	2.54	4.27/[1054]	5.17	1.68
7	14	15	5XT	1786	289	594	883	3.03	9.95/[883]	6.24	2.97
6	12	15	5XT	1786	433	594	1028	2.61	13.44/[1028]	4.74	4.26
5	10	15	8XT	2812	578	594	1172	3.60	16.69/[1172]	3.96	5.55
4	8	15	8XT	2812	722	594	1317	3.20	18.25/[1317]	3.47	6.84
3	6	15	8XT	2812	867	594	1461	2.89	19.26/[1461]	3.13	8.13
2	4	15	8XT	2812	1011	594	1606	2.63	20.54/[1606]	2.87	9.42
1	2	15	8XT	2812	1156	0	1156	3.65	33.35/[1156]	2.66 [2.46]	10.71

### Column Descriptions:

- Ta: allowable geogrid strength
- Rc %: percent coverage for geosynthetics
- EP (Pa) internal active earth pressure
- LL (Pql) earth pressure due to live load surcharge
- DL (Pqd) earth pressure due to dead load surcharge
- Tmax maximum earth pressure on geosynthetic layer
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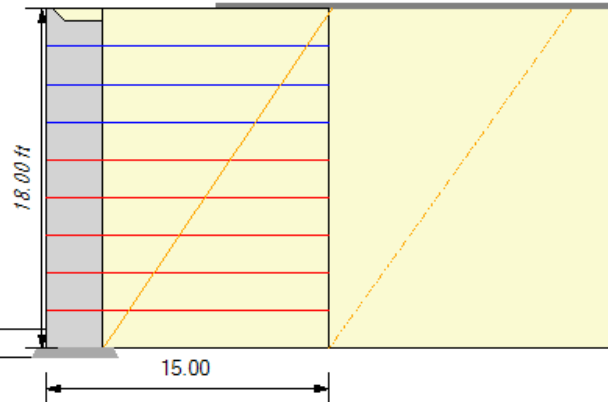
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ID	Height	Length	Name	Pa	DL	T <sub>cn</sub>	TaCn	FSPkCn
8	16	15	5XT	163	892	163	2178	13.40
7	14	15	5XT	289	594	289	2227	7.71
6	12	15	5XT	433	594	433	2275	5.25
5	10	15	8XT	578	594	578	2603	4.50
4	8	15	8XT	722	594	722	2715	3.76
3	6	15	8XT	867	594	867	2828	3.26
2	4	15	8XT	1011	594	1011	2940	2.91
1	2	15	8XT	1156	0	1156	3052	2.64

## REA Analysis

Project: Wasatch Elementary  
 Location: Provo, Utah  
 Designer: Tyler L  
 Date: 10/23/2025  
 Section: Wall 1, 18ft Tall, 30 Degrees  
 Design Method: NCMA\_09\_3rd\_Ed, Include Vert. Force  
 Design Unit: VertiBlock 4.0: 36



SOIL PARAMETERS	$\Phi$	coh	$\gamma$
Reinforced Soil:	30 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Retained Soil:	30 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Foundation Soil:	30 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Leveling Pad:	40 deg	0 lbf/ft <sup>2</sup>	135 lbf/ft <sup>3</sup>
Leveling Pad:	Crushed Stone		

### GEOMETRY

Design Height:	18.00 ft (17.00 ft Exp.)	Live Load:	0 lbf/ft <sup>2</sup>
Wall Batter/Tilt:	0.00/ 0.00 deg	Live Load Offset:	0.00 ft
Embedment:	1.00 ft	LL2 Width:	0 ft
Leveling Pad Depth:	0.50 ft	Dead Load:	2,400 lbf/ft <sup>2</sup>
Back Slope Angle:	0.0 deg	Dead Load Offset:	6.0 ft
Back Slope Length:	0.0 ft	Dead Load Width:	50.00 ft
Back Slope Toe Offset:	0.0 ft		
Vertical $\delta$ on Single Depth			

### FACTORS OF SAFETY

Sliding:	1.50	Pullout:	1.50
Overturning:	2.00	Tension/Uncertainties:	1.50
Bearing:	2.00	Connection:	1.50
Unit/Unit Shear:	1.50		

# Verti-Block. Retaining Walls

## RESULTS

FoS Sliding:	2.08	FoS Overturning:	4.46
Bearing	4,652	FoS Bearing:	4.89
FoS Pullout	2.49		
Total Pullout	152,158	FoS Total Pullout	22.41
Top FoSot:	16.24	FoS Connection:	2.42

ID	Height	Length	Name	Ta	Pa	DL	TMax	FSStr	FSPo	FSSldg	GridEmbedment
8	16	15	5XT	1786	177	1018	1195	2.24	2.49/[1195]	4.45	1.20
7	14	15	5XT	1786	315	679	994	2.70	7.03/[994]	5.39	2.55
6	12	15	5XT	1786	473	679	1151	2.33	10.16/[1151]	4.10	3.90
5	10	15	8XT	2812	630	679	1309	3.22	13.07/[1309]	3.43	5.25
4	8	15	8XT	2812	788	679	1467	2.88	14.93/[1467]	3.00	6.60
3	6	15	8XT	2812	945	679	1624	2.60	15.84/[1624]	2.70	7.95
2	4	15	8XT	2812	1103	679	1782	2.37	16.98/[1782]	2.48	9.30
1	2	15	8XT	2812	1261	0	1261	3.35	28.16/[1261]	2.30 [2.08]	10.65

### Column Descriptions:

- Ta: allowable geogrid strength
- Rc %: percent coverage for geosynthetics
- EP (Pa) internal active earth pressure
- LL (Pql) earth pressure due to live load surcharge
- DL (Pqd) earth pressure due to dead load surcharge
- Tmax maximum earth pressure on geosynthetic layer
- FSstr factor of safety on geogrid strength (LTDS/Tmax)
- Ta cn allowable tension on the connection
- FS Pkcn, factor of safety on the connection (PkCn/Tmax)
- FS PO, factor of safety on pullout (Pullout/(Tmax - LL)
- Grid Embedment, depth of embedment beyond the theoretical failure plane.

# Verti-Block. Retaining Walls

## CONNECTION RESULTS TABLE

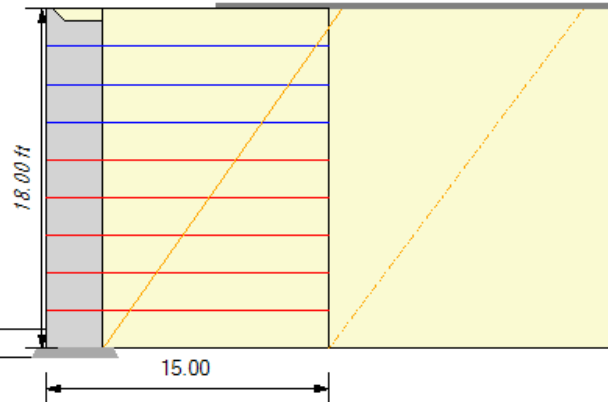
Connection results compare the load on the connection (pullout at the face) to the resistance of the connection. In the NCMA design methodology the connection load accounts for the loading 'over the active zone' in the failure plane from each reinforcing layer. Note that live load (LL) in T<sub>max</sub> for the reinforcing layer is the load calculated from the base of the wall and maybe larger then LL for the connection (T<sub>cn</sub>)

AASHTO design methodology (Simplified or Stiffness) the connection load, T<sub>o</sub>, is equal to the T<sub>max</sub> in the reinforcing. In Limit equilibrium the the connection load (T<sub>o</sub>) is less than the T<sub>max</sub> in the reinforcing layer as it is calculated at each layer of reinforcing, similar to the Trial Wedge Method using in REA software.

ID	Height	Length	Name	Pa	DL	T <sub>cn</sub>	TaCn	FSPkCn
8	16	15	5XT	177	1018	177	2178	12.29
7	14	15	5XT	315	679	315	2227	7.07
6	12	15	5XT	473	679	473	2275	4.81
5	10	15	8XT	630	679	630	2603	4.13
4	8	15	8XT	788	679	788	2715	3.45
3	6	15	8XT	945	679	945	2828	2.99
2	4	15	8XT	1103	679	1103	2940	2.67
1	2	15	8XT	1261	0	1261	3052	2.42

## REA Analysis

Project: Wasatch Elementary  
 Location: Provo, Utah  
 Designer: Tyler L  
 Date: 10/23/2025  
 Section: Wall 1, 18ft Tall, 28 Degrees  
 Design Method: NCMA\_09\_3rd\_Ed, Include Vert. Force  
 Design Unit: VertiBlock 4.0: 36



SOIL PARAMETERS	$\Phi$	coh	$\gamma$
Reinforced Soil:	28 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Retained Soil:	28 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Foundation Soil:	28 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Leveling Pad:	40 deg	0 lbf/ft <sup>2</sup>	135 lbf/ft <sup>3</sup>
Leveling Pad:	Crushed Stone		

### GEOMETRY

Design Height:	18.00 ft (17.00 ft Exp.)	Live Load:	0 lbf/ft <sup>2</sup>
Wall Batter/Tilt:	0.00/ 0.00 deg	Live Load Offset:	0.00 ft
Embedment:	1.00 ft	LL2 Width:	0 ft
Leveling Pad Depth:	0.50 ft	Dead Load:	2,400 lbf/ft <sup>2</sup>
Back Slope Angle:	0.0 deg	Dead Load Offset:	6.0 ft
Back Slope Length:	0.0 ft	Dead Load Width:	50.00 ft
Back Slope Toe Offset:	0.0 ft		
Vertical $\delta$ on Single Depth			

### FACTORS OF SAFETY

Sliding:	1.50	Pullout:	1.50
Overturning:	2.00	Tension/Uncertainties:	1.50
Bearing:	2.00	Connection:	1.50
Unit/Unit Shear:	1.50		

# Verti-Block. Retaining Walls

## RESULTS

FoS Sliding:	1.75	FoS Overturning:	4.09
Bearing	4,802	FoS Bearing:	3.47
FoS Pullout	1.20 NG		
Total Pullout	135,115	FoS Total Pullout	18.41
Top FoSot:	14.93	FoS Connection:	2.22

ID	Height	Length	Name	Ta	Pa	DL	TMax	FSStr	FSPo	FSSldg	GridEmbedment
8	16	15	5XT	1786	193	1156	1349	1.99	1.20/[1349]	3.84	0.71(?)
7	14	15	5XT	1786	343	771	1114	2.40	4.80/[1114]	4.65	2.12
6	12	15	5XT	1786	515	771	1286	2.08	7.59/[1286]	3.54	3.53
5	10	15	8XT	2812	687	771	1457	2.89	10.18/[1457]	2.96	4.94
4	8	15	8XT	2812	858	771	1629	2.59	12.20/[1629]	2.60	6.36
3	6	15	8XT	2812	1030	771	1801	2.34	13.01/[1801]	2.34	7.77
2	4	15	8XT	2812	1202	771	1973	2.14	14.02/[1973]	2.14	9.18
1	2	15	8XT	2812	1373	0	1373	3.07	23.72/[1373]	1.99 [1.75]	10.59

### Column Descriptions:

- Ta: allowable geogrid strength
- Rc %: percent coverage for geosynthetics
- EP (Pa) internal active earth pressure
- LL (Pql) earth pressure due to live load surcharge
- DL (Pqd) earth pressure due to dead load surcharge
- Tmax maximum earth pressure on geosynthetic layer
- FSstr factor of safety on geogrid strength (LTDS/Tmax)
- Ta cn allowable tension on the connection
- FS Pkcn, factor of safety on the connection (PkCn/Tmax)
- FS PO, factor of safety on pullout (Pullout/(Tmax - LL)
- Grid Embedment, depth of embedment beyond the theoretical failure plane.

# Verti-Block. Retaining Walls

## CONNECTION RESULTS TABLE

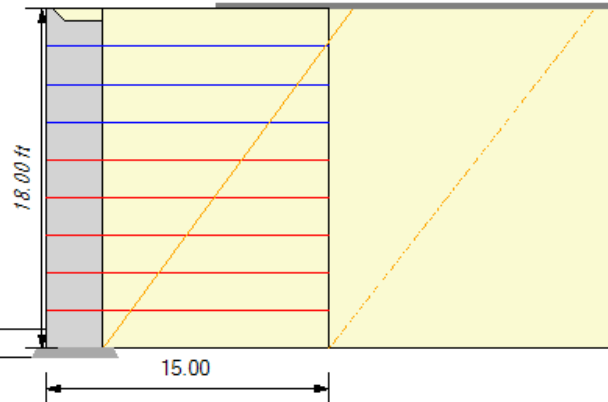
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AASHTO design methodology (Simplified or Stiffness) the connection load, T<sub>o</sub>, is equal to the T<sub>max</sub> in the reinforcing. In Limit equilibrium the the connection load (T<sub>o</sub>) is less than the T<sub>max</sub> in the reinforcing layer as it is calculated at each layer of reinforcing, similar to the Trial Wedge Method using in REA software.

ID	Height	Length	Name	Pa	DL	T <sub>cn</sub>	TaCn	FSPkCn
8	16	15	5XT	193	1156	193	2178	11.28
7	14	15	5XT	343	771	343	2227	6.48
6	12	15	5XT	515	771	515	2275	4.42
5	10	15	8XT	687	771	687	2603	3.79
4	8	15	8XT	858	771	858	2715	3.16
3	6	15	8XT	1030	771	1030	2828	2.75
2	4	15	8XT	1202	771	1202	2940	2.45
1	2	15	8XT	1373	0	1373	3052	2.22

## REA Analysis

Project: Wasatch Elementary  
 Location: Provo, Utah  
 Designer: Tyler L  
 Date: 10/23/2025  
 Section: Wall 1, 18ft Tall, 26 Degrees  
 Design Method: NCMA\_09\_3rd\_Ed, Include Vert. Force  
 Design Unit: VertiBlock 4.0: 36



SOIL PARAMETERS	$\Phi$	coh	$\gamma$
Reinforced Soil:	26 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Retained Soil:	26 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Foundation Soil:	26 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Leveling Pad:	40 deg	0 lbf/ft <sup>2</sup>	135 lbf/ft <sup>3</sup>
Leveling Pad:	Crushed Stone		

### GEOMETRY

Design Height:	18.00 ft (17.00 ft Exp.)	Live Load:	0 lbf/ft <sup>2</sup>
Wall Batter/Tilt:	0.00/ 0.00 deg	Live Load Offset:	0.00 ft
Embedment:	1.00 ft	LL2 Width:	0 ft
Leveling Pad Depth:	0.50 ft	Dead Load:	2,400 lbf/ft <sup>2</sup>
Back Slope Angle:	0.0 deg	Dead Load Offset:	6.0 ft
Back Slope Length:	0.0 ft	Dead Load Width:	50.00 ft
Back Slope Toe Offset:	0.0 ft		
Vertical $\delta$ on Single Depth			

### FACTORS OF SAFETY

Sliding:	1.50	Pullout:	1.50
Overturning:	2.00	Tension/Uncertainties:	1.50
Bearing:	2.00	Connection:	1.50
Unit/Unit Shear:	1.50		

# Verti-Block. Retaining Walls

## RESULTS

FoS Sliding:	1.44 NG	FoS Overturning:	3.74
Bearing	4.976	FoS Bearing:	2.46
FoS Pullout	0.21 NG		
Total Pullout	89,393	FoS Total Pullout	11.27
Top FoSot:	13.72	FoS Connection:	2.04

ID	Height	Length	Name	Ta	Pa	DL	TMax	FSStr	FSPo	FSSldg	GridEmbedment
8	16	15	5XT	1871	210	1307	1517	1.85	0.21/[1517](*)	2.73	0.21(?)
7	14	15	5XT	1871	374	871	1245	2.25	2.34/[1245]	3.34	1.68
6	12	15	5XT	1871	561	871	1432	1.96	4.18/[1432]	2.55	3.15
5	10	15	8XT	2946	748	871	1619	2.73	5.90/[1619]	2.14	4.63
4	8	15	8XT	2946	934	871	1806	2.45	7.46/[1806]	1.87	6.10
3	6	15	8XT	2946	1121	871	1993	2.22	8.00/[1993]	1.69	7.58
2	4	15	8XT	2946	1308	871	2180	2.03	8.66/[2180]	1.55	9.05
1	2	15	8XT	2946	1495	0	1495	2.96	14.93/[1495]	1.44 [1.47](?)	10.53

### Column Descriptions:

- Ta: allowable geogrid strength
- Rc %: percent coverage for geosynthetics
- EP (Pa) internal active earth pressure
- LL (Pql) earth pressure due to live load surcharge
- DL (Pqd) earth pressure due to dead load surcharge
- Tmax maximum earth pressure on geosynthetic layer
- FSstr factor of safety on geogrid strength (LTDS/Tmax)
- Ta cn allowable tension on the connection
- FS Pkcn, factor of safety on the connection (PkCn/Tmax)
- FS PO, factor of safety on pullout (Pullout/(Tmax - LL))
- Grid Embedment, depth of embedment beyond the theoretical failure plane.

# Verti-Block. Retaining Walls

## CONNECTION RESULTS TABLE

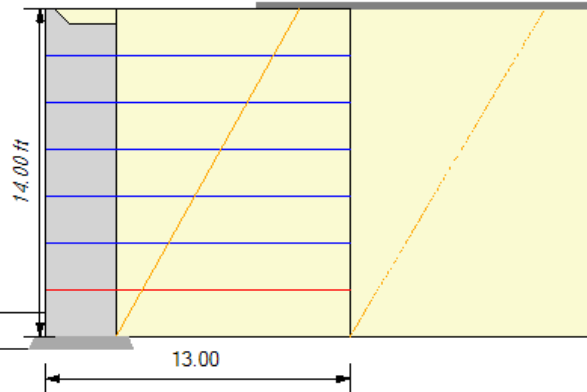
Connection results compare the load on the connection (pullout at the face) to the resistance of the connection. In the NCMA design methodology the connection load accounts for the loading 'over the active zone' in the failure plane from each reinforcing layer. Note that live load (LL) in T<sub>max</sub> for the reinforcing layer is the load calculated from the base of the wall and maybe larger then LL for the connection (T<sub>cn</sub>)

AASHTO design methodology (Simplified or Stiffness) the connection load, T<sub>o</sub>, is equal to the T<sub>max</sub> in the reinforcing. In Limit equilibrium the the connection load (T<sub>o</sub>) is less than the T<sub>max</sub> in the reinforcing layer as it is calculated at each layer of reinforcing, similar to the Trial Wedge Method using in REA software.

ID	Height	Length	Name	Pa	DL	T <sub>cn</sub>	TaCn	FSPkCn
8	16	15	5XT	210	1307	210	2178	10.36
7	14	15	5XT	374	871	374	2227	5.96
6	12	15	5XT	561	871	561	2275	4.06
5	10	15	8XT	748	871	748	2603	3.48
4	8	15	8XT	934	871	934	2715	2.91
3	6	15	8XT	1121	871	1121	2828	2.52
2	4	15	8XT	1308	871	1308	2940	2.25
1	2	15	8XT	1495	0	1495	3052	2.04

## REA Analysis

Project: Wasatch Elementary  
 Location: Provo, Utah  
 Designer: Tyler L  
 Date: 10/23/2025  
 Section: Wall 1, 14ft Tall, 38 Degrees  
 Design Method: NCMA\_09\_3rd\_Ed, Include Vert. Force  
 Design Unit: VertiBlock 4.0: 36



SOIL PARAMETERS	$\Phi$	coh	$\gamma$
Reinforced Soil:	38 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Retained Soil:	38 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Foundation Soil:	38 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Leveling Pad:	40 deg	0 lbf/ft <sup>2</sup>	135 lbf/ft <sup>3</sup>
Leveling Pad:	Crushed Stone		

### GEOMETRY

Design Height:	14.00 ft (13.00 ft Exp.)	Live Load:	0 lbf/ft <sup>2</sup>
Wall Batter/Tilt:	0.00/ 0.00 deg	Live Load Offset:	0.00 ft
Embedment:	1.00 ft	LL2 Width:	0 ft
Leveling Pad Depth:	0.50 ft	Dead Load:	2,400 lbf/ft <sup>2</sup>
Back Slope Angle:	0.0 deg	Dead Load Offset:	6.0 ft
Back Slope Length:	0.0 ft	Dead Load Width:	30.00 ft
Back Slope Toe Offset:	0.0 ft		
Vertical $\delta$ on Single Depth			

### FACTORS OF SAFETY

Sliding:	1.50	Pullout:	1.50
Overturning:	2.00	Tension/Uncertainties:	1.50
Bearing:	2.00	Connection:	1.50
Unit/Unit Shear:	1.50		

# Verti-Block. Retaining Walls

## RESULTS

FoS Sliding:	3.74	FoS Overturning:	6.71
Bearing	3,234	FoS Bearing:	23.03
FoS Pullout	26.96		
Total Pullout	136,901	FoS Total Pullout	45.70
Top FoSot:	22.96	FoS Connection:	4.26

ID	Height	Length	Name	Ta	Pa	DL	TMax	FSstr	FSPo	FSSldg	GridEmbedment
6	12	13	5XT	1571	124	333	457	5.15	26.96/[457]	6.89	3.27
5	10	13	5XT	1571	221	222	443	5.32	38.34/[443]	8.47	4.39
4	8	13	5XT	1571	332	222	553	4.26	36.24/[553]	6.56	5.51
3	6	13	5XT	1571	442	222	664	3.55	36.18/[664]	5.55	6.63
2	4	13	5XT	1571	553	222	775	3.04	37.29/[775]	4.91	7.76
1	2	13	8XT	2475	663	0	663	5.60	52.22/[663]	4.46 [3.74]	8.88

### Column Descriptions:

- Ta: allowable geogrid strength
- Rc %: percent coverage for geosynthetics
- EP (Pa) internal active earth pressure
- LL (Pql) earth pressure due to live load surcharge
- DL (Pqd) earth pressure due to dead load surcharge
- Tmax maximum earth pressure on geosynthetic layer
- FSstr factor of safety on geogrid strength (LTDS/Tmax)
- Ta cn allowable tension on the connection
- FS Pkcn, factor of safety on the connection (PkCn/Tmax)
- FS PO, factor of safety on pullout (Pullout/(Tmax - LL))
- Grid Embedment, depth of embedment beyond the theoretical failure plane.

# Verti-Block. Retaining Walls

## CONNECTION RESULTS TABLE

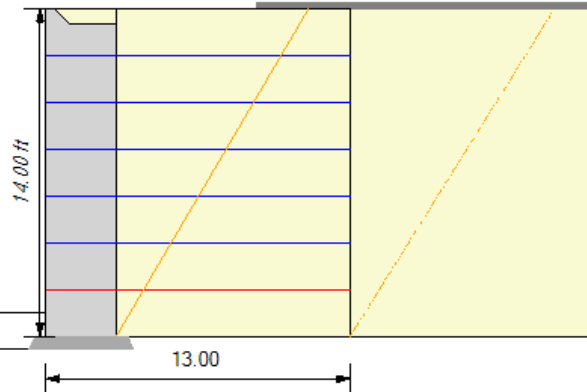
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AASHTO design methodology (Simplified or Stiffness) the connection load, T<sub>o</sub>, is equal to the T<sub>max</sub> in the reinforcing. In Limit equilibrium the the connection load (T<sub>o</sub>) is less than the T<sub>max</sub> in the reinforcing layer as it is calculated at each layer of reinforcing, similar to the Trial Wedge Method using in REA software.

ID	Height	Length	Name	Pa	DL	T <sub>cn</sub>	T <sub>aCn</sub>	FSPkCn
6	12	13	5XT	124	333	124	2178	17.52
5	10	13	5XT	221	222	221	2227	10.07
4	8	13	5XT	332	222	332	2275	6.86
3	6	13	5XT	442	222	442	2324	5.26
2	4	13	5XT	553	222	553	2372	4.29
1	2	13	8XT	663	0	663	2828	4.26

## REA Analysis

Project: Wasatch Elementary  
 Location: Provo, Utah  
 Designer: Tyler L  
 Date: 10/23/2025  
 Section: Wall 1, 14ft Tall, 36 Degrees  
 Design Method: NCMA\_09\_3rd\_Ed, Include Vert. Force  
 Design Unit: VertiBlock 4.0: 36



SOIL PARAMETERS	$\Phi$	coh	$\gamma$
Reinforced Soil:	36 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Retained Soil:	36 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Foundation Soil:	36 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Leveling Pad:	40 deg	0 lbf/ft <sup>2</sup>	135 lbf/ft <sup>3</sup>
Leveling Pad:	Crushed Stone		

### GEOMETRY

Design Height:	14.00 ft (13.00 ft Exp.)	Live Load:	0 lbf/ft <sup>2</sup>
Wall Batter/Tilt:	0.00/ 0.00 deg	Live Load Offset:	0.00 ft
Embedment:	1.00 ft	LL2 Width:	0 ft
Leveling Pad Depth:	0.50 ft	Dead Load:	2,400 lbf/ft <sup>2</sup>
Back Slope Angle:	0.0 deg	Dead Load Offset:	6.0 ft
Back Slope Length:	0.0 ft	Dead Load Width:	30.00 ft
Back Slope Toe Offset:	0.0 ft		
Vertical $\delta$ on Single Depth			

### FACTORS OF SAFETY

Sliding:	1.50	Pullout:	1.50
Overturning:	2.00	Tension/Uncertainties:	1.50
Bearing:	2.00	Connection:	1.50
Unit/Unit Shear:	1.50		

# Verti-Block. Retaining Walls

## RESULTS

FoS Sliding:	3.20	FoS Overturning:	6.13
Bearing	3,301	FoS Bearing:	16.15
FoS Pullout	18.56		
Total Pullout	125,150	FoS Total Pullout	38.56
Top FoSot:	21.02	FoS Connection:	3.89

ID	Height	Length	Name	Ta	Pa	DL	TMax	FSstr	FSPo	FSSldg	GridEmbedment
6	12	13	5XT	1571	136	419	556	4.24	18.56/[556]	5.95	2.94
5	10	13	5XT	1571	242	280	522	4.52	29.89/[522]	7.31	4.12
4	8	13	5XT	1571	363	280	643	3.67	28.65/[643]	5.67	5.29
3	6	13	5XT	1571	484	280	764	3.09	28.94/[764]	4.80	6.47
2	4	13	5XT	1571	605	280	885	2.66	30.13/[885]	4.25	7.65
1	2	13	8XT	2475	726	0	726	5.11	44.18/[726]	3.86 [3.20]	8.82

### Column Descriptions:

- Ta: allowable geogrid strength
- Rc %: percent coverage for geosynthetics
- EP (Pa) internal active earth pressure
- LL (Pql) earth pressure due to live load surcharge
- DL (Pqd) earth pressure due to dead load surcharge
- Tmax maximum earth pressure on geosynthetic layer
- FSstr factor of safety on geogrid strength (LTDS/Tmax)
- Ta cn allowable tension on the connection
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- FS PO, factor of safety on pullout (Pullout/(Tmax - LL)
- Grid Embedment, depth of embedment beyond the theoretical failure plane.

## CONNECTION RESULTS TABLE

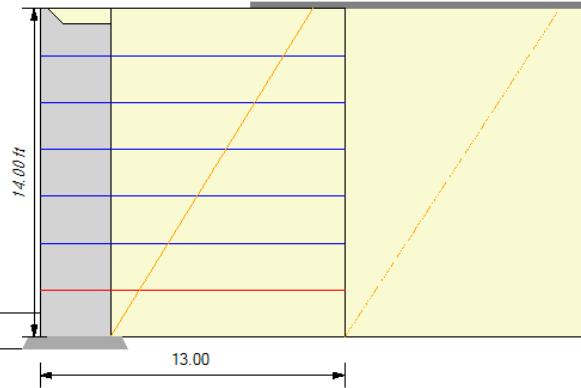
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AASHTO design methodology (Simplified or Stiffness) the connection load, T<sub>o</sub>, is equal to the T<sub>max</sub> in the reinforcing. In Limit equilibrium the the connection load (T<sub>o</sub>) is less than the T<sub>max</sub> in the reinforcing layer as it is calculated at each layer of reinforcing, similar to the Trial Wedge Method using in REA software.

ID	Height	Length	Name	Pa	DL	T <sub>cn</sub>	T <sub>aCn</sub>	FSPkCn
6	12	13	5XT	136	419	136	2178	16.00
5	10	13	5XT	242	280	242	2227	9.20
4	8	13	5XT	363	280	363	2275	6.27
3	6	13	5XT	484	280	484	2324	4.80
2	4	13	5XT	605	280	605	2372	3.92
1	2	13	8XT	726	0	726	2828	3.89

## REA Analysis

Project: Wasatch Elementary  
 Location: Provo, Utah  
 Designer: Tyler L  
 Date: 10/23/2025  
 Section: Wall 1, 14ft Tall, 34 Degrees  
 Design Method: NCMA\_09\_3rd\_Ed, Include Vert. Force  
 Design Unit: VertiBlock 4.0: 36



SOIL PARAMETERS	$\Phi$	coh	$\gamma$
Reinforced Soil:	34 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Retained Soil:	34 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Foundation Soil:	34 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Leveling Pad:	40 deg	0 lbf/ft <sup>2</sup>	135 lbf/ft <sup>3</sup>
Leveling Pad:	Crushed Stone		

### GEOMETRY

Design Height:	14.00 ft (13.00 ft Exp.)	Live Load:	0 lbf/ft <sup>2</sup>
Wall Batter/Tilt:	0.00/ 0.00 deg	Live Load Offset:	0.00 ft
Embedment:	1.00 ft	LL2 Width:	0 ft
Leveling Pad Depth:	0.50 ft	Dead Load:	2,400 lbf/ft <sup>2</sup>
Back Slope Angle:	0.0 deg	Dead Load Offset:	6.0 ft
Back Slope Length:	0.0 ft	Dead Load Width:	50.00 ft
Back Slope Toe Offset:	0.0 ft		
Vertical $\delta$ on Single Depth			

### FACTORS OF SAFETY

Sliding:	1.50	Pullout:	1.50
Overturning:	2.00	Tension/Uncertainties:	1.50
Bearing:	2.00	Connection:	1.50
Unit/Unit Shear:	1.50		

# Verti-Block. Retaining Walls

## RESULTS

FoS Sliding:	2.74	FoS Overturning:	5.61
Bearing	3,375	FoS Bearing:	11.41
FoS Pullout	12.78		
Total Pullout	113,653	FoS Total Pullout	32.35
Top FoSot:	19.27	FoS Connection:	3.56

ID	Height	Length	Name	Ta	Pa	DL	TMax	FSstr	FSPo	FSSldg	GridEmbedment
6	12	13	5XT	1571	149	515	664	3.55	12.78/[664]	5.14	2.60
5	10	13	5XT	1571	265	343	608	3.88	22.72/[608]	6.33	3.84
4	8	13	5XT	1571	397	343	740	3.18	22.78/[740]	4.91	5.07
3	6	13	5XT	1571	529	343	872	2.70	23.25/[872]	4.16	6.30
2	4	13	5XT	1571	662	343	1005	2.35	24.44/[1005]	3.68	7.53
1	2	13	8XT	2475	794	0	794	4.68	37.36/[794]	3.34 [2.74]	8.77

### Column Descriptions:

- Ta: allowable geogrid strength
- Rc %: percent coverage for geosynthetics
- EP (Pa) internal active earth pressure
- LL (Pql) earth pressure due to live load surcharge
- DL (Pqd) earth pressure due to dead load surcharge
- Tmax maximum earth pressure on geosynthetic layer
- FSstr factor of safety on geogrid strength (LTDS/Tmax)
- Ta cn allowable tension on the connection
- FS Pkcn, factor of safety on the connection (PkCn/Tmax)
- FS PO, factor of safety on pullout (Pullout/(Tmax - LL)
- Grid Embedment, depth of embedment beyond the theoretical failure plane.

## CONNECTION RESULTS TABLE

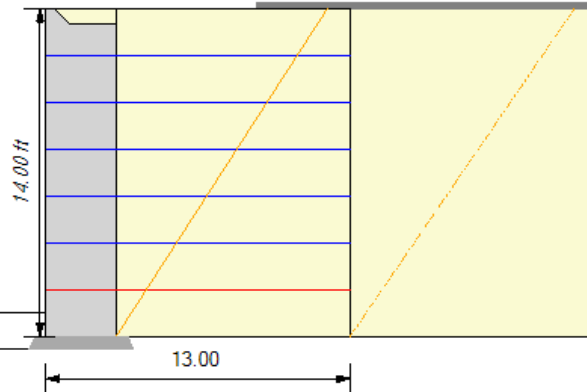
Connection results compare the load on the connection (pullout at the face) to the resistance of the connection. In the NCMA design methodology the connection load accounts for the loading 'over the active zone' in the failure plane from each reinforcing layer. Note that live load (LL) in T<sub>max</sub> for the reinforcing layer is the load calculated from the base of the wall and maybe larger then LL for the connection (T<sub>cn</sub>)

AASHTO design methodology (Simplified or Stiffness) the connection load, T<sub>o</sub>, is equal to the T<sub>max</sub> in the reinforcing. In Limit equilibrium the the connection load (T<sub>o</sub>) is less than the T<sub>max</sub> in the reinforcing layer as it is calculated at each layer of reinforcing, similar to the Trial Wedge Method using in REA software.

ID	Height	Length	Name	Pa	DL	T <sub>cn</sub>	TaCn	FSPkCn
6	12	13	5XT	149	515	149	2178	14.63
5	10	13	5XT	265	343	265	2227	8.41
4	8	13	5XT	397	343	397	2275	5.73
3	6	13	5XT	529	343	529	2324	4.39
2	4	13	5XT	662	343	662	2372	3.59
1	2	13	8XT	794	0	794	2828	3.56

## REA Analysis

Project: Wasatch Elementary  
 Location: Provo, Utah  
 Designer: Tyler L  
 Date: 10/23/2025  
 Section: Wall 1, 14ft Tall, 32 Degrees  
 Design Method: NCMA\_09\_3rd\_Ed, Include Vert. Force  
 Design Unit: VertiBlock 4.0: 36



SOIL PARAMETERS	$\Phi$	coh	$\gamma$
Reinforced Soil:	32 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Retained Soil:	32 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Foundation Soil:	32 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Leveling Pad:	40 deg	0 lbf/ft <sup>2</sup>	135 lbf/ft <sup>3</sup>
Leveling Pad:	Crushed Stone		

### GEOMETRY

Design Height:	14.00 ft (13.00 ft Exp.)	Live Load:	0 lbf/ft <sup>2</sup>
Wall Batter/Tilt:	0.00/ 0.00 deg	Live Load Offset:	0.00 ft
Embedment:	1.00 ft	LL2 Width:	0 ft
Leveling Pad Depth:	0.50 ft	Dead Load:	2,400 lbf/ft <sup>2</sup>
Back Slope Angle:	0.0 deg	Dead Load Offset:	6.0 ft
Back Slope Length:	0.0 ft	Dead Load Width:	30.00 ft
Back Slope Toe Offset:	0.0 ft		
Vertical $\delta$ on Single Depth			

### FACTORS OF SAFETY

Sliding:	1.50	Pullout:	1.50
Overturning:	2.00	Tension/Uncertainties:	1.50
Bearing:	2.00	Connection:	1.50
Unit/Unit Shear:	1.50		

# Verti-Block. Retaining Walls

## RESULTS

FoS Sliding:	2.32	FoS Overturning:	5.14
Bearing	3,458	FoS Bearing:	8.10
FoS Pullout	7.74		
Total Pullout	91,156	FoS Total Pullout	23.99
Top FoSot:	17.69	FoS Connection:	3.26

ID	Height	Length	Name	Ta	Pa	DL	TMax	FSstr	FSPo	FSSldg	GridEmbedment
6	12	13	5XT	1786	163	619	782	3.43	7.74/[782]	4.10	2.26
5	10	13	5XT	1786	289	413	702	3.82	14.98/[702]	5.06	3.55
4	8	13	5XT	1786	433	413	846	3.17	16.18/[846]	3.93	4.84
3	6	13	5XT	1786	578	413	991	2.70	16.66/[991]	3.33	6.13
2	4	13	5XT	1786	722	413	1135	2.36	17.67/[1135]	2.95	7.42
1	2	13	8XT	2812	867	0	867	4.87	28.07/[867]	2.68 [2.32]	8.71

### Column Descriptions:

- Ta: allowable geogrid strength
- Rc %: percent coverage for geosynthetics
- EP (Pa) internal active earth pressure
- LL (Pql) earth pressure due to live load surcharge
- DL (Pqd) earth pressure due to dead load surcharge
- Tmax maximum earth pressure on geosynthetic layer
- FSstr factor of safety on geogrid strength (LTDS/Tmax)
- Ta cn allowable tension on the connection
- FS Pkcn, factor of safety on the connection (PkCn/Tmax)
- FS PO, factor of safety on pullout (Pullout/(Tmax - LL)
- Grid Embedment, depth of embedment beyond the theoretical failure plane.

## CONNECTION RESULTS TABLE

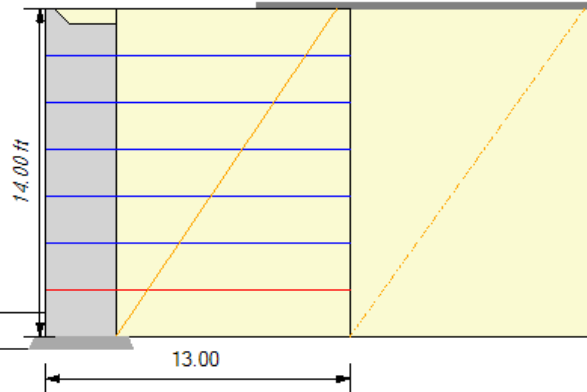
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ID	Height	Length	Name	Pa	DL	T <sub>cn</sub>	T <sub>aCn</sub>	FSPkCn
6	12	13	5XT	163	619	163	2178	13.40
5	10	13	5XT	289	413	289	2227	7.71
4	8	13	5XT	433	413	433	2275	5.25
3	6	13	5XT	578	413	578	2324	4.02
2	4	13	5XT	722	413	722	2372	3.28
1	2	13	8XT	867	0	867	2828	3.26

## REA Analysis

Project: Wasatch Elementary  
 Location: Provo, Utah  
 Designer: Tyler L  
 Date: 10/23/2025  
 Section: Wall 1, 14ft Tall, 30 Degrees  
 Design Method: NCMA\_09\_3rd\_Ed, Include Vert. Force  
 Design Unit: VertiBlock 4.0: 36



SOIL PARAMETERS	$\Phi$	coh	$\gamma$
Reinforced Soil:	30 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Retained Soil:	30 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Foundation Soil:	30 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Leveling Pad:	40 deg	0 lbf/ft <sup>2</sup>	135 lbf/ft <sup>3</sup>
Leveling Pad:	Crushed Stone		

### GEOMETRY

Design Height:	14.00 ft (13.00 ft Exp.)	Live Load:	0 lbf/ft <sup>2</sup>
Wall Batter/Tilt:	0.00/ 0.00 deg	Live Load Offset:	0.00 ft
Embedment:	1.00 ft	LL2 Width:	0 ft
Leveling Pad Depth:	0.50 ft	Dead Load:	2,400 lbf/ft <sup>2</sup>
Back Slope Angle:	0.0 deg	Dead Load Offset:	6.0 ft
Back Slope Length:	0.0 ft	Dead Load Width:	30.00 ft
Back Slope Toe Offset:	0.0 ft		
Vertical $\delta$ on Single Depth			

### FACTORS OF SAFETY

Sliding:	1.50	Pullout:	1.50
Overturning:	2.00	Tension/Uncertainties:	1.50
Bearing:	2.00	Connection:	1.50
Unit/Unit Shear:	1.50		

# Verti-Block. Retaining Walls

## RESULTS

FoS Sliding:	1.96	FoS Overturning:	4.70
Bearing	3,553	FoS Bearing:	5.77
FoS Pullout	5.17		
Total Pullout	81,908	FoS Total Pullout	19.94
Top FoSot:	16.24	FoS Connection:	2.99

ID	Height	Length	Name	Ta	Pa	DL	TMax	FSstr	FSPo	FSSldg	GridEmbedment
6	12	13	5XT	1786	177	734	911	2.94	5.17/[911]	3.56	1.90
5	10	13	5XT	1786	315	489	805	3.33	11.06/[805]	4.39	3.25
4	8	13	5XT	1786	473	489	962	2.78	12.95/[962]	3.41	4.60
3	6	13	5XT	1786	630	489	1120	2.39	13.46/[1120]	2.89	5.95
2	4	13	5XT	1786	788	489	1277	2.10	14.39/[1277]	2.56	7.30
1	2	13	8XT	2812	945	0	945	4.46	23.68/[945]	2.33 [1.96]	8.65

### Column Descriptions:

- Ta: allowable geogrid strength
- Rc %: percent coverage for geosynthetics
- EP (Pa) internal active earth pressure
- LL (Pql) earth pressure due to live load surcharge
- DL (Pqd) earth pressure due to dead load surcharge
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- Grid Embedment, depth of embedment beyond the theoretical failure plane.

# Verti-Block. Retaining Walls

## CONNECTION RESULTS TABLE

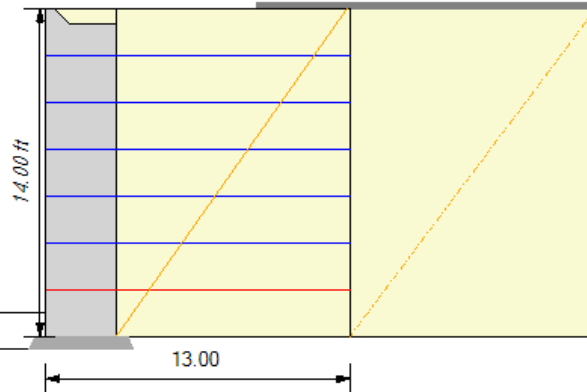
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ID	Height	Length	Name	Pa	DL	T <sub>cn</sub>	TaCn	FSPkCn
6	12	13	5XT	177	734	177	2178	12.29
5	10	13	5XT	315	489	315	2227	7.07
4	8	13	5XT	473	489	473	2275	4.81
3	6	13	5XT	630	489	630	2324	3.69
2	4	13	5XT	788	489	788	2372	3.01
1	2	13	8XT	945	0	945	2828	2.99

## REA Analysis

Project: Wasatch Elementary  
 Location: Provo, Utah  
 Designer: Tyler L  
 Date: 10/23/2025  
 Section: Wall 1, 14ft Tall, 28 Degrees  
 Design Method: NCMA\_09\_3rd\_Ed, Include Vert. Force  
 Design Unit: VertiBlock 4.0: 36



SOIL PARAMETERS	$\Phi$	coh	$\gamma$
Reinforced Soil:	28 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Retained Soil:	28 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Foundation Soil:	28 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Leveling Pad:	40 deg	0 lbf/ft <sup>2</sup>	135 lbf/ft <sup>3</sup>
Leveling Pad:	Crushed Stone		

### GEOMETRY

Design Height:	14.00 ft (13.00 ft Exp.)	Live Load:	0 lbf/ft <sup>2</sup>
Wall Batter/Tilt:	0.00/ 0.00 deg	Live Load Offset:	0.00 ft
Embedment:	1.00 ft	LL2 Width:	0 ft
Leveling Pad Depth:	0.50 ft	Dead Load:	2,400 lbf/ft <sup>2</sup>
Back Slope Angle:	0.0 deg	Dead Load Offset:	6.0 ft
Back Slope Length:	0.0 ft	Dead Load Width:	30.00 ft
Back Slope Toe Offset:	0.0 ft		
Vertical $\delta$ on Single Depth			

### FACTORS OF SAFETY

Sliding:	1.50	Pullout:	1.50
Overturning:	2.00	Tension/Uncertainties:	1.50
Bearing:	2.00	Connection:	1.50
Unit/Unit Shear:	1.50		

# Verti-Block. Retaining Walls

## RESULTS

FoS Sliding:	1.65	FoS Overturning:	4.31
Bearing	3.662	FoS Bearing:	4.11
FoS Pullout	3.32		
Total Pullout	73,234	FoS Total Pullout	16.50
Top FoSot:	14.93	FoS Connection:	2.75

ID	Height	Length	Name	Ta	Pa	DL	TMax	FSStr	FSPo	FSSldg	GridEmbedment
6	12	13	5XT	1786	193	860	1053	2.54	3.32/[1053]	3.08	1.53
5	10	13	5XT	1786	343	574	917	2.92	8.10/[917]	3.81	2.94
4	8	13	5XT	1786	515	574	1089	2.46	10.38/[1089]	2.96	4.36
3	6	13	5XT	1786	687	574	1260	2.13	10.87/[1260]	2.51	5.77
2	4	13	5XT	1786	858	574	1432	1.87	11.72/[1432]	2.22	7.18
1	2	13	8XT	2812	1030	0	1030	4.09	19.93/[1030]	2.02 [1.65]	8.59

### Column Descriptions:

- Ta: allowable geogrid strength
- Rc %: percent coverage for geosynthetics
- EP (Pa) internal active earth pressure
- LL (Pql) earth pressure due to live load surcharge
- DL (Pqd) earth pressure due to dead load surcharge
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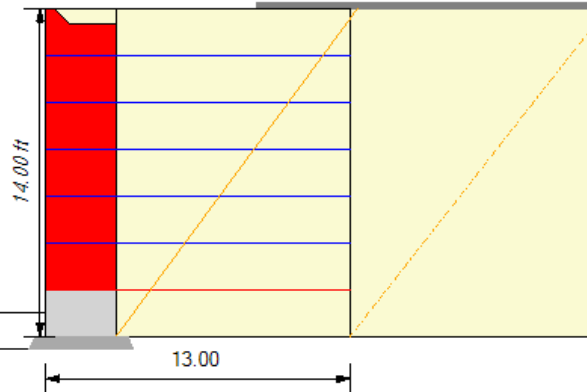
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ID	Height	Length	Name	Pa	DL	T <sub>cn</sub>	TaCn	FSPkCn
6	12	13	5XT	193	860	193	2178	11.28
5	10	13	5XT	343	574	343	2227	6.48
4	8	13	5XT	515	574	515	2275	4.42
3	6	13	5XT	687	574	687	2324	3.38
2	4	13	5XT	858	574	858	2372	2.76
1	2	13	8XT	1030	0	1030	2828	2.75

## REA Analysis

Project: Wasatch Elementary  
 Location: Provo, Utah  
 Designer: Tyler L  
 Date: 10/23/2025  
 Section: Wall 1, 14ft Tall, 26 Degrees  
 Design Method: NCMA\_09\_3rd\_Ed, Include Vert. Force  
 Design Unit: VertiBlock 4.0: 36



SOIL PARAMETERS	$\Phi$	coh	$\gamma$
Reinforced Soil:	26 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Retained Soil:	26 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Foundation Soil:	26 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Leveling Pad:	40 deg	0 lbf/ft <sup>2</sup>	135 lbf/ft <sup>3</sup>
Leveling Pad:	Crushed Stone		

### GEOMETRY

Design Height:	14.00 ft (13.00 ft Exp.)	Live Load:	0 lbf/ft <sup>2</sup>
Wall Batter/Tilt:	0.00/ 0.00 deg	Live Load Offset:	0.00 ft
Embedment:	1.00 ft	LL2 Width:	0 ft
Leveling Pad Depth:	0.50 ft	Dead Load:	2,400 lbf/ft <sup>2</sup>
Back Slope Angle:	0.0 deg	Dead Load Offset:	6.0 ft
Back Slope Length:	0.0 ft	Dead Load Width:	30.00 ft
Back Slope Toe Offset:	0.0 ft		
Vertical $\delta$ on Single Depth			

### FACTORS OF SAFETY

Sliding:	1.50	Pullout:	1.50
Overturning:	2.00	Tension/Uncertainties:	1.50
Bearing:	2.00	Connection:	1.50
Unit/Unit Shear:	1.50		

# Verti-Block. Retaining Walls

## RESULTS

FoS Sliding:	1.39 NG	FoS Overturning:	3.94
Bearing	3,788	FoS Bearing:	2.93
FoS Pullout	1.50 NG		
Total Pullout	48,821	FoS Total Pullout	10.18
Top FoSot:	13.72	FoS Connection:	2.52

ID	Height	Length	Name	Ta	Pa	DL	TMax	FSstr	FSPo	FSSldg	GridEmbedment
6	12	13	5XT	1871	210	999	1209	2.32	1.50/[1209]	2.26	1.15
5	10	13	5XT	1871	374	666	1040	2.70	4.39/[1040]	2.81	2.63
4	8	13	5XT	1871	561	666	1227	2.29	6.24/[1227]	2.19	4.10
3	6	13	5XT	1871	748	666	1413	1.99	6.58/[1413]	1.85	5.58
2	4	13	5XT	1871	934	666	1600	1.75	7.15/[1600]	1.64	7.05
1	2	13	8XT	2946	1121	0	1121	3.94	12.54/[1121]	1.49 [1.39](?)	8.53

### Column Descriptions:

- Ta: allowable geogrid strength
- Rc %: percent coverage for geosynthetics
- EP (Pa) internal active earth pressure
- LL (Pql) earth pressure due to live load surcharge
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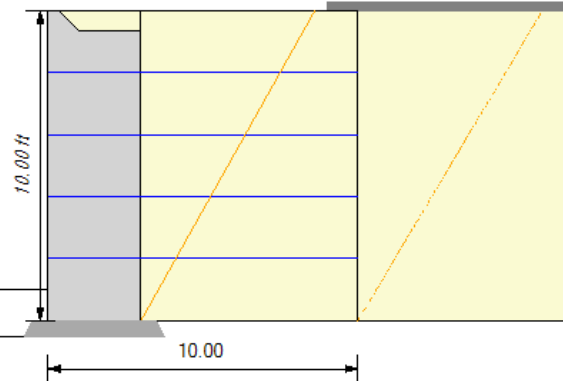
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ID	Height	Length	Name	Pa	DL	T <sub>cn</sub>	TaCn	FSPkCn
6	12	13	5XT	210	999	210	2178	10.36
5	10	13	5XT	374	666	374	2227	5.96
4	8	13	5XT	561	666	561	2275	4.06
3	6	13	5XT	748	666	748	2324	3.11
2	4	13	5XT	934	666	934	2372	2.54
1	2	13	8XT	1121	0	1121	2828	2.52

## REA Analysis

Project: Wasatch Elementary  
 Location: Provo, Utah  
 Designer: Tyler L  
 Date: 10/23/2025  
 Section: Wall 1, 10ft Tall, 38 Degrees  
 Design Method: NCMA\_09\_3rd\_Ed, Include Vert. Force  
 Design Unit: VertiBlock 4.0: 36



SOIL PARAMETERS	$\Phi$	coh	$\gamma$
Reinforced Soil:	38 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Retained Soil:	38 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Foundation Soil:	38 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Leveling Pad:	40 deg	0 lbf/ft <sup>2</sup>	135 lbf/ft <sup>3</sup>
Leveling Pad:	Crushed Stone		

### GEOMETRY

Design Height:	10.00 ft (9.00 ft Exp.)	Live Load:	0 lbf/ft <sup>2</sup>
Wall Batter/Tilt:	0.00/ 0.00 deg	Live Load Offset:	0.00 ft
Embedment:	1.00 ft	LL2 Width:	0 ft
Leveling Pad Depth:	0.50 ft	Dead Load:	2,400 lbf/ft <sup>2</sup>
Back Slope Angle:	0.0 deg	Dead Load Offset:	6.0 ft
Back Slope Length:	0.0 ft	Dead Load Width:	30.00 ft
Back Slope Toe Offset:	0.0 ft		
Vertical $\delta$ on Single Depth			

### FACTORS OF SAFETY

Sliding:	1.50	Pullout:	1.50
Overturning:	2.00	Tension/Uncertainties:	1.50
Bearing:	2.00	Connection:	1.50
Unit/Unit Shear:	1.50		

# Verti-Block. Retaining Walls

## RESULTS

FoS Sliding:	2.44	FoS Overturning:	4.42
Bearing	1,815	FoS Bearing:	32.62
FoS Pullout	27.25		
Total Pullout	32,363	FoS Total Pullout	21.17
Top FoSot:	22.96	FoS Connection:	5.26

ID	Height	Length	Name	Ta	Pa	DL	TMax	FSstr	FSPo	FSSldg	GridEmbedment
4	8	10	5XT	1571	124	0	124	18.96	35.16/[124]	3.92	2.51
3	6	10	5XT	1571	221	0	221	10.66	28.31/[221]	5.18	3.63
2	4	10	5XT	1571	332	0	332	7.11	27.25/[332]	4.28	4.76
1	2	10	5XT	1571	442	0	442	5.33	28.73/[442]	3.79 [2.44]	5.88

### Column Descriptions:

- Ta: allowable geogrid strength
- Rc %: percent coverage for geosynthetics
- EP (Pa) internal active earth pressure
- LL (Pql) earth pressure due to live load surcharge
- DL (Pqd) earth pressure due to dead load surcharge
- Tmax maximum earth pressure on geosynthetic layer
- FSstr factor of safety on geogrid strength (LTDS/Tmax)
- Ta cn allowable tension on the connection
- FS Pkcn, factor of safety on the connection (PkCn/Tmax)
- FS PO, factor of safety on pullout (Pullout/(Tmax - LL)
- Grid Embedment, depth of embedment beyond the theoretical failure plane.

# Verti-Block. Retaining Walls

## CONNECTION RESULTS TABLE

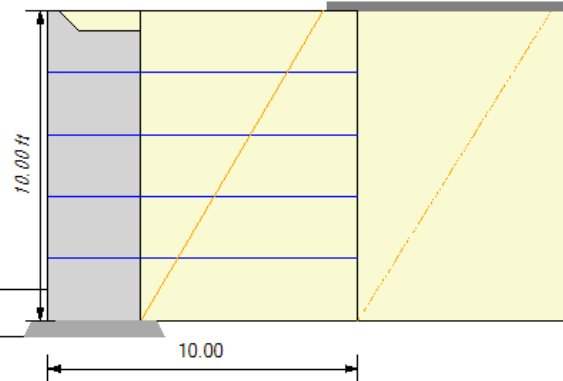
Connection results compare the load on the connection (pullout at the face) to the resistance of the connection. In the NCMA design methodology the connection load accounts for the loading 'over the active zone' in the failure plane from each reinforcing layer. Note that live load (LL) in T<sub>max</sub> for the reinforcing layer is the load calculated from the base of the wall and maybe larger then LL for the connection (T<sub>cn</sub>)

AASHTO design methodology (Simplified or Stiffness) the connection load, T<sub>o</sub>, is equal to the T<sub>max</sub> in the reinforcing. In Limit equilibrium the the connection load (T<sub>o</sub>) is less than the T<sub>max</sub> in the reinforcing layer as it is calculated at each layer of reinforcing, similar to the Trial Wedge Method using in REA software.

ID	Height	Length	Name	Pa	DL	T <sub>cn</sub>	TaCn	FSPkCn
4	8	10	5XT	124	0	124	2178	17.52
3	6	10	5XT	221	0	221	2227	10.07
2	4	10	5XT	332	0	332	2275	6.86
1	2	10	5XT	442	0	442	2324	5.26

## REA Analysis

Project: Wasatch Elementary  
 Location: Provo, Utah  
 Designer: Tyler L  
 Date: 10/23/2025  
 Section: Wall 1, 10ft Tall, 36 Degrees  
 Design Method: NCMA\_09\_3rd\_Ed, Include Vert. Force  
 Design Unit: VertiBlock 4.0: 36



SOIL PARAMETERS	$\Phi$	coh	$\gamma$
Reinforced Soil:	36 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Retained Soil:	36 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Foundation Soil:	36 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Leveling Pad:	40 deg	0 lbf/ft <sup>2</sup>	135 lbf/ft <sup>3</sup>
Leveling Pad:	Crushed Stone		

### GEOMETRY

Design Height:	10.00 ft (9.00 ft Exp.)	Live Load:	0 lbf/ft <sup>2</sup>
Wall Batter/Tilt:	0.00/ 0.00 deg	Live Load Offset:	0.00 ft
Embedment:	1.00 ft	LL2 Width:	0 ft
Leveling Pad Depth:	0.50 ft	Dead Load:	2,400 lbf/ft <sup>2</sup>
Back Slope Angle:	0.0 deg	Dead Load Offset:	6.0 ft
Back Slope Length:	0.0 ft	Dead Load Width:	30.00 ft
Back Slope Toe Offset:	0.0 ft		
Vertical $\delta$ on Single Depth			

### FACTORS OF SAFETY

Sliding:	1.50	Pullout:	1.50
Overturning:	2.00	Tension/Uncertainties:	1.50
Bearing:	2.00	Connection:	1.50
Unit/Unit Shear:	1.50		

# Verti-Block. Retaining Walls

## RESULTS

FoS Sliding:	2.11	FoS Overturning:	4.05
Bearing	1,869	FoS Bearing:	22.59
FoS Pullout	22.80		
Total Pullout	29,692	FoS Total Pullout	17.93
Top FoSot:	21.02	FoS Connection:	4.80

ID	Height	Length	Name	Ta	Pa	DL	TMax	FSstr	FSPo	FSSldg	GridEmbedment
4	8	10	5XT	1571	136	0	136	17.31	29.27/[136]	3.44	2.29
3	6	10	5XT	1571	242	0	242	9.74	23.54/[242]	4.54	3.47
2	4	10	5XT	1571	363	0	363	6.49	22.80/[363]	3.74	4.65
1	2	10	5XT	1571	484	0	484	4.87	24.23/[484]	3.31 [2.11]	5.82

### Column Descriptions:

- Ta: allowable geogrid strength
- Rc %: percent coverage for geosynthetics
- EP (Pa) internal active earth pressure
- LL (Pql) earth pressure due to live load surcharge
- DL (Pqd) earth pressure due to dead load surcharge
- Tmax maximum earth pressure on geosynthetic layer
- FSstr factor of safety on geogrid strength (LTDS/Tmax)
- Ta cn allowable tension on the connection
- FS Pkcn, factor of safety on the connection (PkCn/Tmax)
- FS PO, factor of safety on pullout (Pullout/(Tmax - LL)
- Grid Embedment, depth of embedment beyond the theoretical failure plane.

# Verti-Block. Retaining Walls

## CONNECTION RESULTS TABLE

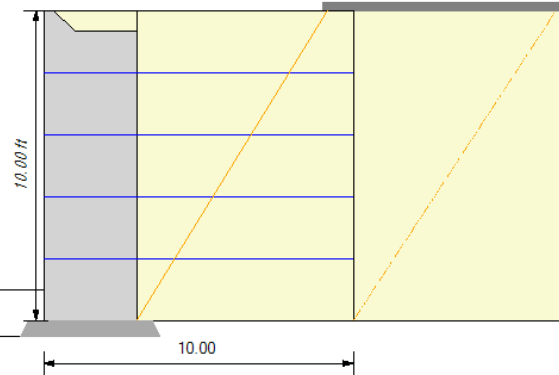
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AASHTO design methodology (Simplified or Stiffness) the connection load, T<sub>o</sub>, is equal to the T<sub>max</sub> in the reinforcing. In Limit equilibrium the the connection load (T<sub>o</sub>) is less than the T<sub>max</sub> in the reinforcing layer as it is calculated at each layer of reinforcing, similar to the Trial Wedge Method using in REA software.

ID	Height	Length	Name	Pa	DL	T <sub>cn</sub>	TaCn	FSPkCn
4	8	10	5XT	136	0	136	2178	16.00
3	6	10	5XT	242	0	242	2227	9.20
2	4	10	5XT	363	0	363	2275	6.27
1	2	10	5XT	484	0	484	2324	4.80

## REA Analysis

Project: Wasatch Elementary  
 Location: Provo, Utah  
 Designer: Tyler L  
 Date: 10/23/2025  
 Section: Wall 1, 10ft Tall, 34 Degrees  
 Design Method: NCMA\_09\_3rd\_Ed, Include Vert. Force  
 Design Unit: VertiBlock 4.0: 36



SOIL PARAMETERS	$\Phi$	coh	$\gamma$
Reinforced Soil:	34 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Retained Soil:	34 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Foundation Soil:	34 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Leveling Pad:	40 deg	0 lbf/ft <sup>2</sup>	135 lbf/ft <sup>3</sup>
Leveling Pad:	Crushed Stone		

### GEOMETRY

Design Height:	10.00 ft (9.00 ft Exp.)	Live Load:	0 lbf/ft <sup>2</sup>
Wall Batter/Tilt:	0.00/ 0.00 deg	Live Load Offset:	0.00 ft
Embedment:	1.00 ft	LL2 Width:	0 ft
Leveling Pad Depth:	0.50 ft	Dead Load:	2,400 lbf/ft <sup>2</sup>
Back Slope Angle:	0.0 deg	Dead Load Offset:	6.0 ft
Back Slope Length:	0.0 ft	Dead Load Width:	50.00 ft
Back Slope Toe Offset:	0.0 ft		
Vertical $\delta$ on Single Depth			

### FACTORS OF SAFETY

Sliding:	1.50	Pullout:	1.50
Overturning:	2.00	Tension/Uncertainties:	1.50
Bearing:	2.00	Connection:	1.50
Unit/Unit Shear:	1.50		

# Verti-Block. Retaining Walls

## RESULTS

FoS Sliding:	1.81	FoS Overturning:	3.72
Bearing	1,930	FoS Bearing:	15.73
FoS Pullout	17.57		
Total Pullout	27,181	FoS Total Pullout	15.16
Top FoSot:	19.27	FoS Connection:	4.39

ID	Height	Length	Name	Ta	Pa	DL	TMax	FSstr	FSPo	FSSldg	GridEmbedment
4	8	10	5XT	1571	149	45	194	12.17	18.70/[194]	3.02	2.07
3	6	10	5XT	1571	265	30	295	8.00	17.57/[295]	3.98	3.30
2	4	10	5XT	1571	397	30	427	5.52	17.74/[427]	3.28	4.53
1	2	10	5XT	1571	529	0	529	4.45	20.43/[529]	2.89 [1.81]	5.77

### Column Descriptions:

- Ta: allowable geogrid strength
- Rc %: percent coverage for geosynthetics
- EP (Pa) internal active earth pressure
- LL (Pql) earth pressure due to live load surcharge
- DL (Pqd) earth pressure due to dead load surcharge
- Tmax maximum earth pressure on geosynthetic layer
- FSstr factor of safety on geogrid strength (LTDS/Tmax)
- Ta cn allowable tension on the connection
- FS Pkcn, factor of safety on the connection (PkCn/Tmax)
- FS PO, factor of safety on pullout (Pullout/(Tmax - LL)
- Grid Embedment, depth of embedment beyond the theoretical failure plane.

# Verti-Block. Retaining Walls

## CONNECTION RESULTS TABLE

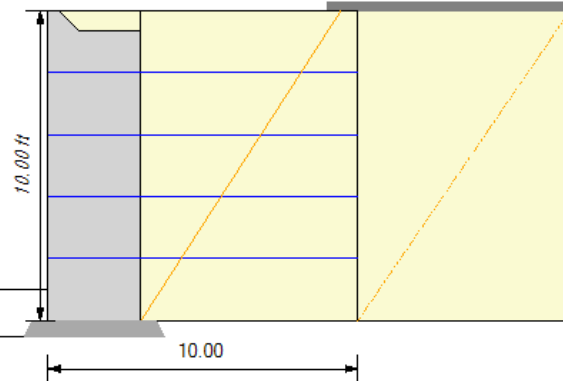
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AASHTO design methodology (Simplified or Stiffness) the connection load, T<sub>o</sub>, is equal to the T<sub>max</sub> in the reinforcing. In Limit equilibrium the the connection load (T<sub>o</sub>) is less than the T<sub>max</sub> in the reinforcing layer as it is calculated at each layer of reinforcing, similar to the Trial Wedge Method using in REA software.

ID	Height	Length	Name	Pa	DL	T <sub>cn</sub>	TaCn	FSPkCn
4	8	10	5XT	149	45	149	2178	14.63
3	6	10	5XT	265	30	265	2227	8.41
2	4	10	5XT	397	30	397	2275	5.73
1	2	10	5XT	529	0	529	2324	4.39

## REA Analysis

Project: Wasatch Elementary  
 Location: Provo, Utah  
 Designer: Tyler L  
 Date: 10/23/2025  
 Section: Wall 1, 10ft Tall, 32 Degrees  
 Design Method: NCMA\_09\_3rd\_Ed, Include Vert. Force  
 Design Unit: VertiBlock 4.0: 36



SOIL PARAMETERS	$\Phi$	coh	$\gamma$
Reinforced Soil:	32 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Retained Soil:	32 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Foundation Soil:	32 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Leveling Pad:	40 deg	0 lbf/ft <sup>2</sup>	135 lbf/ft <sup>3</sup>
Leveling Pad:	Crushed Stone		

### GEOMETRY

Design Height:	10.00 ft (9.00 ft Exp.)	Live Load:	0 lbf/ft <sup>2</sup>
Wall Batter/Tilt:	0.00/ 0.00 deg	Live Load Offset:	0.00 ft
Embedment:	1.00 ft	LL2 Width:	0 ft
Leveling Pad Depth:	0.50 ft	Dead Load:	2,400 lbf/ft <sup>2</sup>
Back Slope Angle:	0.0 deg	Dead Load Offset:	6.0 ft
Back Slope Length:	0.0 ft	Dead Load Width:	30.00 ft
Back Slope Toe Offset:	0.0 ft		
Vertical $\delta$ on Single Depth			

### FACTORS OF SAFETY

Sliding:	1.50	Pullout:	1.50
Overturning:	2.00	Tension/Uncertainties:	1.50
Bearing:	2.00	Connection:	1.50
Unit/Unit Shear:	1.50		

# Verti-Block. Retaining Walls

## RESULTS

FoS Sliding:	1.54	FoS Overturning:	3.41
Bearing	1.999	FoS Bearing:	10.99
FoS Pullout	10.00		
Total Pullout	22,057	FoS Total Pullout	11.38
Top FoSot:	17.69	FoS Connection:	4.02

ID	Height	Length	Name	Ta	Pa	DL	TMax	FSstr	FSPo	FSSldg	GridEmbedment
4	8	10	5XT	1786	163	129	292	9.18	10.00/[292]	2.51	1.84
3	6	10	5XT	1786	289	86	375	7.14	11.10/[375]	3.30	3.13
2	4	10	5XT	1786	433	86	520	5.16	11.81/[520]	2.71	4.42
1	2	10	5XT	1786	578	0	578	4.64	15.29/[578]	2.38 [1.54]	5.71

### Column Descriptions:

- Ta: allowable geogrid strength
- Rc %: percent coverage for geosynthetics
- EP (Pa) internal active earth pressure
- LL (Pql) earth pressure due to live load surcharge
- DL (Pqd) earth pressure due to dead load surcharge
- Tmax maximum earth pressure on geosynthetic layer
- FSstr factor of safety on geogrid strength (LTDS/Tmax)
- Ta cn allowable tension on the connection
- FS Pkcn, factor of safety on the connection (PkCn/Tmax)
- FS PO, factor of safety on pullout (Pullout/(Tmax - LL)
- Grid Embedment, depth of embedment beyond the theoretical failure plane.

# Verti-Block. Retaining Walls

## CONNECTION RESULTS TABLE

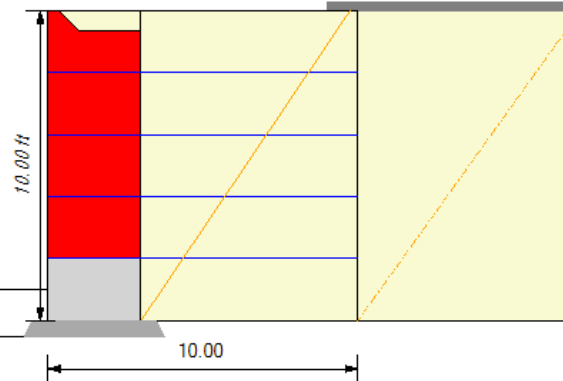
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ID	Height	Length	Name	Pa	DL	T <sub>cn</sub>	T <sub>aCn</sub>	FSPkCn
4	8	10	5XT	163	129	163	2178	13.40
3	6	10	5XT	289	86	289	2227	7.71
2	4	10	5XT	433	86	433	2275	5.25
1	2	10	5XT	578	0	578	2324	4.02

## REA Analysis

Project: Wasatch Elementary  
 Location: Provo, Utah  
 Designer: Tyler L  
 Date: 10/23/2025  
 Section: Wall 1, 10ft Tall, 30 Degrees  
 Design Method: NCMA\_09\_3rd\_Ed, Include Vert. Force  
 Design Unit: VertiBlock 4.0: 36



SOIL PARAMETERS	$\Phi$	coh	$\gamma$
Reinforced Soil:	30 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Retained Soil:	30 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Foundation Soil:	30 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Leveling Pad:	40 deg	0 lbf/ft <sup>2</sup>	135 lbf/ft <sup>3</sup>
Leveling Pad:	Crushed Stone		

### GEOMETRY

Design Height:	10.00 ft (9.00 ft Exp.)	Live Load:	0 lbf/ft <sup>2</sup>
Wall Batter/Tilt:	0.00/ 0.00 deg	Live Load Offset:	0.00 ft
Embedment:	1.00 ft	LL2 Width:	0 ft
Leveling Pad Depth:	0.50 ft	Dead Load:	2,400 lbf/ft <sup>2</sup>
Back Slope Angle:	0.0 deg	Dead Load Offset:	6.0 ft
Back Slope Length:	0.0 ft	Dead Load Width:	30.00 ft
Back Slope Toe Offset:	0.0 ft		
Vertical $\delta$ on Single Depth			

### FACTORS OF SAFETY

Sliding:	1.50	Pullout:	1.50
Overturning:	2.00	Tension/Uncertainties:	1.50
Bearing:	2.00	Connection:	1.50
Unit/Unit Shear:	1.50		

# Verti-Block. Retaining Walls

## RESULTS

FoS Sliding:	1.30 NG	FoS Overturning:	3.13
Bearing	2,080	FoS Bearing:	7.69
FoS Pullout	6.58		
Total Pullout	20,070	FoS Total Pullout	9.58
Top FoSot:	16.24	FoS Connection:	3.69

ID	Height	Length	Name	Ta	Pa	DL	TMax	FSStr	FSPo	FSSldg	GridEmbedment
4	8	10	5XT	1786	177	223	401	6.69	6.58/[401]	2.21	1.60
3	6	10	5XT	1786	315	149	464	5.77	8.09/[464]	2.91	2.95
2	4	10	5XT	1786	473	149	622	4.31	8.97/[622]	2.38	4.30
1	2	10	5XT	1786	630	0	630	4.25	12.86/[630]	2.09 [1.30](?)	5.65

### Column Descriptions:

- Ta: allowable geogrid strength
- Rc %: percent coverage for geosynthetics
- EP (Pa) internal active earth pressure
- LL (Pql) earth pressure due to live load surcharge
- DL (Pqd) earth pressure due to dead load surcharge
- Tmax maximum earth pressure on geosynthetic layer
- FSstr factor of safety on geogrid strength (LTDS/Tmax)
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- FS PO, factor of safety on pullout (Pullout/(Tmax - LL))
- Grid Embedment, depth of embedment beyond the theoretical failure plane.

# Verti-Block. Retaining Walls

## CONNECTION RESULTS TABLE

Connection results compare the load on the connection (pullout at the face) to the resistance of the connection. In the NCMA design methodology the connection load accounts for the loading 'over the active zone' in the failure plane from each reinforcing layer. Note that live load (LL) in T<sub>max</sub> for the reinforcing layer is the load calculated from the base of the wall and maybe larger then LL for the connection (T<sub>cn</sub>)

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ID	Height	Length	Name	Pa	DL	T <sub>cn</sub>	T <sub>aCn</sub>	FSPkCn
4	8	10	5XT	177	223	177	2178	12.29
3	6	10	5XT	315	149	315	2227	7.07
2	4	10	5XT	473	149	473	2275	4.81
1	2	10	5XT	630	0	630	2324	3.69



# Verti-Block. Retaining Walls

## RESULTS

FoS Sliding:	1.10 NG	FoS Overturning:	2.87
Bearing	2,175	FoS Bearing:	5.37
FoS Pullout	4.54		
Total Pullout	18,190	FoS Total Pullout	8.03
Top FoSot:	14.93	FoS Connection:	3.38

ID	Height	Length	Name	Ta	Pa	DL	TMax	FSStr	FSPo	FSSldg	GridEmbedment
4	8	10	5XT	1786	193	328	521	5.14	4.54/[521]	1.95	1.36
3	6	10	5XT	1786	343	219	562	4.77	6.00/[562]	2.56	2.77
2	4	10	5XT	1786	515	219	734	3.65	6.88/[734]	2.09	4.18
1	2	10	5XT	1786	687	0	687	3.90	10.78/[687]	1.84 [1.10](?)	5.59

### Column Descriptions:

- Ta: allowable geogrid strength
- Rc %: percent coverage for geosynthetics
- EP (Pa) internal active earth pressure
- LL (Pql) earth pressure due to live load surcharge
- DL (Pqd) earth pressure due to dead load surcharge
- Tmax maximum earth pressure on geosynthetic layer
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# Verti-Block. Retaining Walls

## CONNECTION RESULTS TABLE

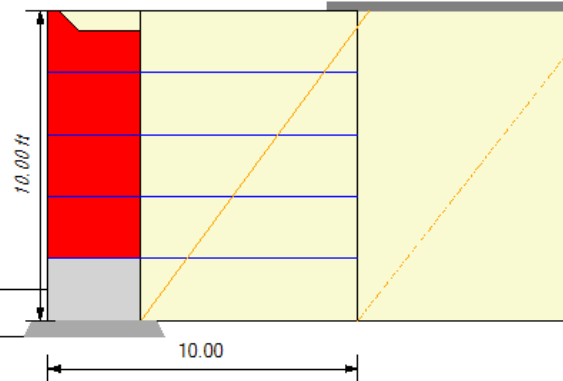
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ID	Height	Length	Name	Pa	DL	T <sub>cn</sub>	T <sub>aCn</sub>	FSPkCn
4	8	10	5XT	193	328	193	2178	11.28
3	6	10	5XT	343	219	343	2227	6.48
2	4	10	5XT	515	219	515	2275	4.42
1	2	10	5XT	687	0	687	2324	3.38

## REA Analysis

Project: Wasatch Elementary  
 Location: Provo, Utah  
 Designer: Tyler L  
 Date: 10/23/2025  
 Section: Wall 1, 10ft Tall, 26 Degrees  
 Design Method: NCMA\_09\_3rd\_Ed, Include Vert. Force  
 Design Unit: VertiBlock 4.0: 36



SOIL PARAMETERS	$\Phi$	coh	$\gamma$
Reinforced Soil:	26 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Retained Soil:	26 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Foundation Soil:	26 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Leveling Pad:	40 deg	0 lbf/ft <sup>2</sup>	135 lbf/ft <sup>3</sup>
Leveling Pad:	Crushed Stone		

### GEOMETRY

Design Height:	10.00 ft (9.00 ft Exp.)	Live Load:	0 lbf/ft <sup>2</sup>
Wall Batter/Tilt:	0.00/ 0.00 deg	Live Load Offset:	0.00 ft
Embedment:	1.00 ft	LL2 Width:	0 ft
Leveling Pad Depth:	0.50 ft	Dead Load:	2,400 lbf/ft <sup>2</sup>
Back Slope Angle:	0.0 deg	Dead Load Offset:	6.0 ft
Back Slope Length:	0.0 ft	Dead Load Width:	30.00 ft
Back Slope Toe Offset:	0.0 ft		
Vertical $\delta$ on Single Depth			

### FACTORS OF SAFETY

Sliding:	1.50	Pullout:	1.50
Overturning:	2.00	Tension/Uncertainties:	1.50
Bearing:	2.00	Connection:	1.50
Unit/Unit Shear:	1.50		

# Verti-Block. Retaining Walls

## RESULTS

FoS Sliding:	0.92 NG	FoS Overturning:	2.63
Bearing	2,289	FoS Bearing:	3.73
FoS Pullout	2.43		
Total Pullout	12,305	FoS Total Pullout	5.03
Top FoSot:	13.72	FoS Connection:	3.11

ID	Height	Length	Name	Ta	Pa	DL	TMax	FSstr	FSPo	FSSldg	GridEmbedment
4	8	10	5XT	1871	210	444	654	4.29	2.43/[654]	1.54	1.10
3	6	10	5XT	1871	374	296	670	4.19	3.37/[670]	2.02	2.58
2	4	10	5XT	1871	561	296	857	3.28	3.98/[857]	1.64	4.05
1	2	10	5XT	1871	748	0	748	3.75	6.76/[748]	1.43 [0.92](?)	5.53

### Column Descriptions:

- Ta: allowable geogrid strength
- Rc %: percent coverage for geosynthetics
- EP (Pa) internal active earth pressure
- LL (Pql) earth pressure due to live load surcharge
- DL (Pqd) earth pressure due to dead load surcharge
- Tmax maximum earth pressure on geosynthetic layer
- FSstr factor of safety on geogrid strength (LTDS/Tmax)
- Ta cn allowable tension on the connection
- FS Pkcn, factor of safety on the connection (PkCn/Tmax)
- FS PO, factor of safety on pullout (Pullout/(Tmax - LL))
- Grid Embedment, depth of embedment beyond the theoretical failure plane.

# Verti-Block. Retaining Walls

## CONNECTION RESULTS TABLE

Connection results compare the load on the connection (pullout at the face) to the resistance of the connection. In the NCMA design methodology the connection load accounts for the loading 'over the active zone' in the failure plane from each reinforcing layer. Note that live load (LL) in T<sub>max</sub> for the reinforcing layer is the load calculated from the base of the wall and maybe larger then LL for the connection (T<sub>cn</sub>)

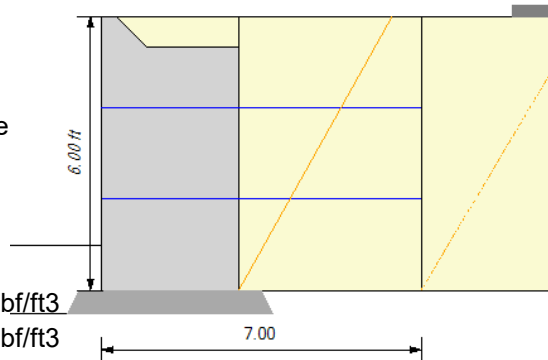
AASHTO design methodology (Simplified or Stiffness) the connection load, T<sub>o</sub>, is equal to the T<sub>max</sub> in the reinforcing. In Limit equilibrium the the connection load (T<sub>o</sub>) is less than the T<sub>max</sub> in the reinforcing layer as it is calculated at each layer of reinforcing, similar to the Trial Wedge Method using in REA software.

ID	Height	Length	Name	Pa	DL	T <sub>cn</sub>	T <sub>aCn</sub>	FSPkCn
4	8	10	5XT	210	444	210	2178	10.36
3	6	10	5XT	374	296	374	2227	5.96
2	4	10	5XT	561	296	561	2275	4.06
1	2	10	5XT	748	0	748	2324	3.11

## REA Analysis

Project: Wasatch Elementary  
 Location: Provo, Utah  
 Designer: Tyler L  
 Date: 10/23/2025  
 Section: Wall 1, 6ft Tall, 38 Degrees  
 Design Method: NCMA\_09\_3rd\_Ed, Include Vert. Force  
 Design Unit: VertiBlock 4.0: 36

SOIL PARAMETERS	$\Phi$	coh	$\gamma$
Reinforced Soil:	38 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Retained Soil:	38 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Foundation Soil:	38 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Leveling Pad:	40 deg	0 lbf/ft <sup>2</sup>	135 lbf/ft <sup>3</sup>
Leveling Pad:	Crushed Stone		



### GEOMETRY

Design Height:	6.00 ft (5.00 ft Exp.)	Live Load:	0 lbf/ft <sup>2</sup>
Wall Batter/Tilt:	0.00/ 0.00 deg	Live Load Offset:	0.00 ft
Embedment:	1.00 ft	LL2 Width:	0 ft
Leveling Pad Depth:	0.50 ft	Dead Load:	2,400 lbf/ft <sup>2</sup>
Back Slope Angle:	0.0 deg	Dead Load Offset:	6.0 ft
Back Slope Length:	0.0 ft	Dead Load Width:	30.00 ft
Back Slope Toe Offset:	0.0 ft		
Vertical $\delta$ on Single Depth			

### FACTORS OF SAFETY

Sliding:	1.50	Pullout:	1.50
Overturning:	2.00	Tension/Uncertainties:	1.50
Bearing:	2.00	Connection:	1.50
Unit/Unit Shear:	1.50		

# Verti-Block. Retaining Walls

## RESULTS

FoS Sliding:	1.95	FoS Overturning:	4.25
Bearing	1,128	FoS Bearing:	39.15
FoS Pullout	5.60		
Total Pullout	2,979	FoS Total Pullout	5.41
Top FoSot:	22.96	FoS Connection:	10.07

ID	Height	Length	Name	Ta	Pa	DL	TMax	FSStr	FSPo	FSSldg	GridEmbedment
2	4	7	5XT	1571	124	0	124	18.96	5.60/[124]	2.72	1.76
1	2	7	5XT	1571	221	0	221	10.66	10.33/[221]	3.67 [1.95]	2.88

### Column Descriptions:

- Ta: allowable geogrid strength
- Rc %: percent coverage for geosynthetics
- EP (Pa) internal active earth pressure
- LL (Pql) earth pressure due to live load surcharge
- DL (Pqd) earth pressure due to dead load surcharge
- Tmax maximum earth pressure on geosynthetic layer
- FSstr factor of safety on geogrid strength (LTDS/Tmax)
- Ta cn allowable tension on the connection
- FS Pkcn, factor of safety on the connection (PkCn/Tmax)
- FS PO, factor of safety on pullout (Pullout/(Tmax - LL)
- Grid Embedment, depth of embedment beyond the theoretical failure plane.

# Verti-Block. Retaining Walls

## CONNECTION RESULTS TABLE

Connection results compare the load on the connection (pullout at the face) to the resistance of the connection. In the NCMA design methodology the connection load accounts for the loading 'over the active zone' in the failure plane from each reinforcing layer. Note that live load (LL) in T<sub>max</sub> for the reinforcing layer is the load calculated from the base of the wall and maybe larger then LL for the connection (T<sub>cn</sub>)

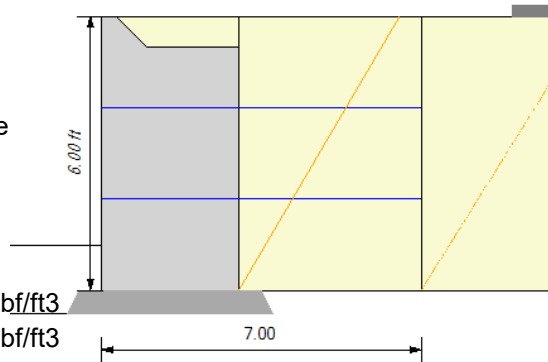
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ID	Height	Length	Name	Pa	DL	T <sub>cn</sub>	T <sub>aCn</sub>	FSPkCn
2	4	7	5XT	124	0	124	2178	17.52
1	2	7	5XT	221	0	221	2227	10.07

## REA Analysis

Project: Wasatch Elementary  
 Location: Provo, Utah  
 Designer: Tyler L  
 Date: 10/23/2025  
 Section: Wall 1, 6ft Tall, 36 Degrees  
 Design Method: NCMA\_09\_3rd\_Ed, Include Vert. Force  
 Design Unit: VertiBlock 4.0: 36

SOIL PARAMETERS	$\Phi$	coh	$\gamma$
Reinforced Soil:	36 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Retained Soil:	36 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Foundation Soil:	36 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Leveling Pad:	40 deg	0 lbf/ft <sup>2</sup>	135 lbf/ft <sup>3</sup>
Leveling Pad:	Crushed Stone		



### GEOMETRY

Design Height:	6.00 ft (5.00 ft Exp.)	Live Load:	0 lbf/ft <sup>2</sup>
Wall Batter/Tilt:	0.00/ 0.00 deg	Live Load Offset:	0.00 ft
Embedment:	1.00 ft	LL2 Width:	0 ft
Leveling Pad Depth:	0.50 ft	Dead Load:	2,400 lbf/ft <sup>2</sup>
Back Slope Angle:	0.0 deg	Dead Load Offset:	6.0 ft
Back Slope Length:	0.0 ft	Dead Load Width:	30.00 ft
Back Slope Toe Offset:	0.0 ft		
Vertical $\delta$ on Single Depth			

### FACTORS OF SAFETY

Sliding:	1.50	Pullout:	1.50
Overturning:	2.00	Tension/Uncertainties:	1.50
Bearing:	2.00	Connection:	1.50
Unit/Unit Shear:	1.50		

# Verti-Block. Retaining Walls

## RESULTS

FoS Sliding:	1.69	FoS Overturning:	3.91
Bearing	1,133	FoS Bearing:	28.49
FoS Pullout	4.46		
Total Pullout	2,690	FoS Total Pullout	4.51
Top FoSot:	21.02	FoS Connection:	9.20

ID	Height	Length	Name	Ta	Pa	DL	TMax	FSStr	FSPo	FSSldg	GridEmbedment
2	4	7	5XT	1571	136	0	136	17.31	4.46/[136]	2.42	1.65
1	2	7	5XT	1571	242	0	242	9.74	8.60/[242]	3.26 [1.69]	2.82

### Column Descriptions:

- Ta: allowable geogrid strength
- Rc %: percent coverage for geosynthetics
- EP (Pa) internal active earth pressure
- LL (Pql) earth pressure due to live load surcharge
- DL (Pqd) earth pressure due to dead load surcharge
- Tmax maximum earth pressure on geosynthetic layer
- FSstr factor of safety on geogrid strength (LTDS/Tmax)
- Ta cn allowable tension on the connection
- FS Pkcn, factor of safety on the connection (PkCn/Tmax)
- FS PO, factor of safety on pullout (Pullout/(Tmax - LL)
- Grid Embedment, depth of embedment beyond the theoretical failure plane.

# Verti-Block. Retaining Walls

## CONNECTION RESULTS TABLE

Connection results compare the load on the connection (pullout at the face) to the resistance of the connection. In the NCMA design methodology the connection load accounts for the loading 'over the active zone' in the failure plane from each reinforcing layer. Note that live load (LL) in T<sub>max</sub> for the reinforcing layer is the load calculated from the base of the wall and maybe larger then LL for the connection (T<sub>cn</sub>)

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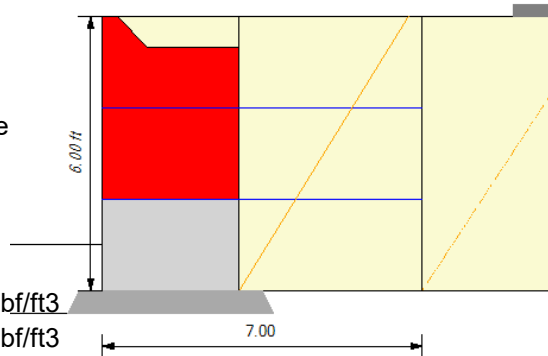
ID	Height	Length	Name	Pa	DL	T <sub>cn</sub>	TaCn	FSPkCn
2	4	7	5XT	136	0	136	2178	16.00
1	2	7	5XT	242	0	242	2227	9.20

## REA Analysis

Project: Wasatch Elementary  
 Location: Provo, Utah  
 Designer: Tyler L  
 Date: 10/23/2025  
 Section: Wall 1, 6ft Tall, 34 Degrees  
 Design Method: NCMA\_09\_3rd\_Ed, Include Vert. Force  
 Design Unit: VertiBlock 4.0: 36

### SOIL PARAMETERS

	$\Phi$	coh	$\gamma$
Reinforced Soil:	34 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Retained Soil:	34 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Foundation Soil:	34 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Leveling Pad:	40 deg	0 lbf/ft <sup>2</sup>	135 lbf/ft <sup>3</sup>
Leveling Pad:	Crushed Stone		



### GEOMETRY

Design Height:	6.00 ft (5.00 ft Exp.)	Live Load:	0 lbf/ft <sup>2</sup>
Wall Batter/Tilt:	0.00/ 0.00 deg	Live Load Offset:	0.00 ft
Embedment:	1.00 ft	LL2 Width:	0 ft
Leveling Pad Depth:	0.50 ft	Dead Load:	2,400 lbf/ft <sup>2</sup>
Back Slope Angle:	0.0 deg	Dead Load Offset:	6.0 ft
Back Slope Length:	0.0 ft	Dead Load Width:	50.00 ft
Back Slope Toe Offset:	0.0 ft		
Vertical $\delta$ on Single Depth			

### FACTORS OF SAFETY

Sliding:	1.50	Pullout:	1.50
Overturning:	2.00	Tension/Uncertainties:	1.50
Bearing:	2.00	Connection:	1.50
Unit/Unit Shear:	1.50		

# Verti-Block. Retaining Walls

## RESULTS

FoS Sliding:	1.46 NG	FoS Overturning:	3.59
Bearing	1,173	FoS Bearing:	19.87
FoS Pullout	3.53		
Total Pullout	2,420	FoS Total Pullout	3.75
Top FoSot:	19.27	FoS Connection:	8.41

ID	Height	Length	Name	Ta	Pa	DL	TMax	FSStr	FSPo	FSSldg	GridEmbedment
2	4	7	5XT	1571	149	0	149	15.83	3.53/[149]	2.16	1.53
1	2	7	5XT	1571	265	0	265	8.91	7.16/[265]	2.90 [1.46](?)	2.77

### Column Descriptions:

- Ta: allowable geogrid strength
- Rc %: percent coverage for geosynthetics
- EP (Pa) internal active earth pressure
- LL (Pql) earth pressure due to live load surcharge
- DL (Pqd) earth pressure due to dead load surcharge
- Tmax maximum earth pressure on geosynthetic layer
- FSstr factor of safety on geogrid strength (LTDS/Tmax)
- Ta cn allowable tension on the connection
- FS Pkcn, factor of safety on the connection (PkCn/Tmax)
- FS PO, factor of safety on pullout (Pullout/(Tmax - LL)
- Grid Embedment, depth of embedment beyond the theoretical failure plane.

# Verti-Block. Retaining Walls

## CONNECTION RESULTS TABLE

Connection results compare the load on the connection (pullout at the face) to the resistance of the connection. In the NCMA design methodology the connection load accounts for the loading 'over the active zone' in the failure plane from each reinforcing layer. Note that live load (LL) in T<sub>max</sub> for the reinforcing layer is the load calculated from the base of the wall and maybe larger then LL for the connection (T<sub>cn</sub>)

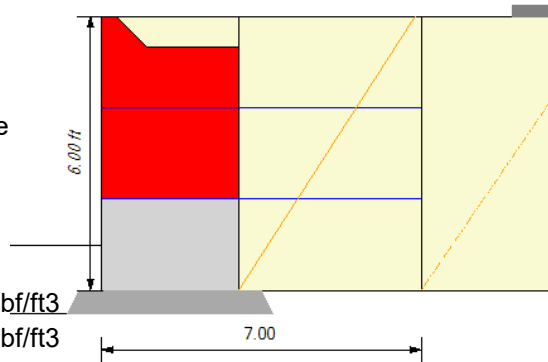
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ID	Height	Length	Name	Pa	DL	T <sub>cn</sub>	TaCn	FSPkCn
2	4	7	5XT	149	0	149	2178	14.63
1	2	7	5XT	265	0	265	2227	8.41

## REA Analysis

Project: Wasatch Elementary  
 Location: Provo, Utah  
 Designer: Tyler L  
 Date: 10/23/2025  
 Section: Wall 1, 6ft Tall, 32 Degrees  
 Design Method: NCMA\_09\_3rd\_Ed, Include Vert. Force  
 Design Unit: VertiBlock 4.0: 36

SOIL PARAMETERS	$\Phi$	coh	$\gamma$
Reinforced Soil:	32 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Retained Soil:	32 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Foundation Soil:	32 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Leveling Pad:	40 deg	0 lbf/ft <sup>2</sup>	135 lbf/ft <sup>3</sup>
Leveling Pad:	Crushed Stone		



### GEOMETRY

Design Height:	6.00 ft (5.00 ft Exp.)	Live Load:	0 lbf/ft <sup>2</sup>
Wall Batter/Tilt:	0.00/ 0.00 deg	Live Load Offset:	0.00 ft
Embedment:	1.00 ft	LL2 Width:	0 ft
Leveling Pad Depth:	0.50 ft	Dead Load:	2,400 lbf/ft <sup>2</sup>
Back Slope Angle:	0.0 deg	Dead Load Offset:	6.0 ft
Back Slope Length:	0.0 ft	Dead Load Width:	30.00 ft
Back Slope Toe Offset:	0.0 ft		
Vertical $\delta$ on Single Depth			

### FACTORS OF SAFETY

Sliding:	1.50	Pullout:	1.50
Overturning:	2.00	Tension/Uncertainties:	1.50
Bearing:	2.00	Connection:	1.50
Unit/Unit Shear:	1.50		

# Verti-Block. Retaining Walls

## RESULTS

FoS Sliding:	1.25 NG	FoS Overturning:	3.30
Bearing	1,218	FoS Bearing:	13.91
FoS Pullout	2.46		
Total Pullout	1,928	FoS Total Pullout	2.76
Top FoSot:	17.69	FoS Connection:	7.71

ID	Height	Length	Name	Ta	Pa	DL	TMax	FSStr	FSPo	FSSldg	GridEmbedment
2	4	7	5XT	1786	163	0	163	16.48	2.46/[163]	1.86	1.42
1	2	7	5XT	1786	289	0	289	9.27	5.29/[289]	2.49 [1.25](?)	2.71

### Column Descriptions:

- Ta: allowable geogrid strength
- Rc %: percent coverage for geosynthetics
- EP (Pa) internal active earth pressure
- LL (Pql) earth pressure due to live load surcharge
- DL (Pqd) earth pressure due to dead load surcharge
- Tmax maximum earth pressure on geosynthetic layer
- FSstr factor of safety on geogrid strength (LTDS/Tmax)
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- FS PO, factor of safety on pullout (Pullout/(Tmax - LL)
- Grid Embedment, depth of embedment beyond the theoretical failure plane.

# Verti-Block. Retaining Walls

## CONNECTION RESULTS TABLE

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AASHTO design methodology (Simplified or Stiffness) the connection load, T<sub>o</sub>, is equal to the T<sub>max</sub> in the reinforcing. In Limit equilibrium the the connection load (T<sub>o</sub>) is less than the T<sub>max</sub> in the reinforcing layer as it is calculated at each layer of reinforcing, similar to the Trial Wedge Method using in REA software.

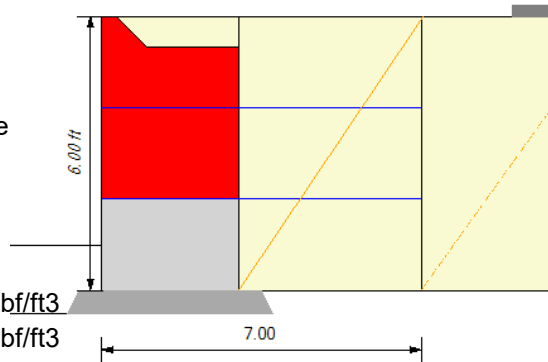
ID	Height	Length	Name	Pa	DL	T <sub>cn</sub>	TaCn	FSPkCn
2	4	7	5XT	163	0	163	2178	13.40
1	2	7	5XT	289	0	289	2227	7.71

## REA Analysis

Project: Wasatch Elementary  
 Location: Provo, Utah  
 Designer: Tyler L  
 Date: 10/23/2025  
 Section: Wall 1, 6ft Tall, 30 Degrees  
 Design Method: NCMA\_09\_3rd\_Ed, Include Vert. Force  
 Design Unit: VertiBlock 4.0: 36

### SOIL PARAMETERS

	$\Phi$	coh	$\gamma$
Reinforced Soil:	30 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Retained Soil:	30 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Foundation Soil:	30 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Leveling Pad:	40 deg	0 lbf/ft <sup>2</sup>	135 lbf/ft <sup>3</sup>
Leveling Pad:	Crushed Stone		



### GEOMETRY

Design Height:	6.00 ft (5.00 ft Exp.)	Live Load:	0 lbf/ft <sup>2</sup>
Wall Batter/Tilt:	0.00/ 0.00 deg	Live Load Offset:	0.00 ft
Embedment:	1.00 ft	LL2 Width:	0 ft
Leveling Pad Depth:	0.50 ft	Dead Load:	2,400 lbf/ft <sup>2</sup>
Back Slope Angle:	0.0 deg	Dead Load Offset:	6.0 ft
Back Slope Length:	0.0 ft	Dead Load Width:	30.00 ft
Back Slope Toe Offset:	0.0 ft		
Vertical $\delta$ on Single Depth			

### FACTORS OF SAFETY

Sliding:	1.50	Pullout:	1.50
Overturning:	2.00	Tension/Uncertainties:	1.50
Bearing:	2.00	Connection:	1.50
Unit/Unit Shear:	1.50		

# Verti-Block. Retaining Walls

## RESULTS

FoS Sliding:	1.05 NG	FoS Overturning:	3.03
Bearing	1,270	FoS Bearing:	9.75
FoS Pullout	1.91		
Total Pullout	1,719	FoS Total Pullout	2.28
Top FoSot:	16.24	FoS Connection:	7.07

ID	Height	Length	Name	Ta	Pa	DL	TMax	FSStr	FSPo	FSSldg	GridEmbedment
2	4	7	5XT	1786	177	0	177	15.11	1.91/[177]	1.67	1.30
1	2	7	5XT	1786	315	0	315	8.50	4.38/[315]	2.22 [1.05](?)	2.65

### Column Descriptions:

- Ta: allowable geogrid strength
- Rc %: percent coverage for geosynthetics
- EP (Pa) internal active earth pressure
- LL (Pql) earth pressure due to live load surcharge
- DL (Pqd) earth pressure due to dead load surcharge
- Tmax maximum earth pressure on geosynthetic layer
- FSstr factor of safety on geogrid strength (LTDS/Tmax)
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- FS PO, factor of safety on pullout (Pullout/(Tmax - LL)
- Grid Embedment, depth of embedment beyond the theoretical failure plane.

# Verti-Block. Retaining Walls

## CONNECTION RESULTS TABLE

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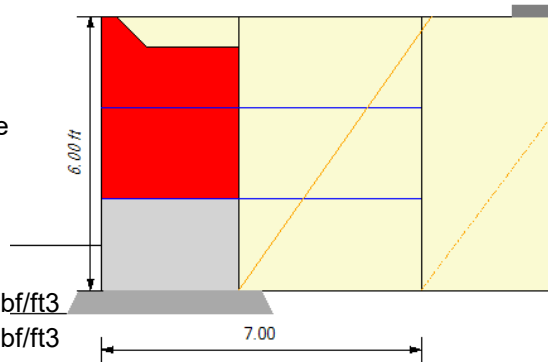
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ID	Height	Length	Name	Pa	DL	T <sub>cn</sub>	TaCn	FSPkCn
2	4	7	5XT	177	0	177	2178	12.29
1	2	7	5XT	315	0	315	2227	7.07

## REA Analysis

Project: Wasatch Elementary  
 Location: Provo, Utah  
 Designer: Tyler L  
 Date: 10/23/2025  
 Section: Wall 1, 6ft Tall, 28 Degrees  
 Design Method: NCMA\_09\_3rd\_Ed, Include Vert. Force  
 Design Unit: VertiBlock 4.0: 36

SOIL PARAMETERS	$\phi$	coh	$\gamma$
Reinforced Soil:	28 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Retained Soil:	28 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Foundation Soil:	28 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Leveling Pad:	40 deg	0 lbf/ft <sup>2</sup>	135 lbf/ft <sup>3</sup>
Leveling Pad:	Crushed Stone		



### GEOMETRY

Design Height:	6.00 ft (5.00 ft Exp.)	Live Load:	0 lbf/ft <sup>2</sup>
Wall Batter/Tilt:	0.00/ 0.00 deg	Live Load Offset:	0.00 ft
Embedment:	1.00 ft	LL2 Width:	0 ft
Leveling Pad Depth:	0.50 ft	Dead Load:	2,400 lbf/ft <sup>2</sup>
Back Slope Angle:	0.0 deg	Dead Load Offset:	6.0 ft
Back Slope Length:	0.0 ft	Dead Load Width:	30.00 ft
Back Slope Toe Offset:	0.0 ft		
Vertical $\delta$ on Single Depth			

### FACTORS OF SAFETY

Sliding:	1.50	Pullout:	1.50
Overturning:	2.00	Tension/Uncertainties:	1.50
Bearing:	2.00	Connection:	1.50
Unit/Unit Shear:	1.50		

# Verti-Block. Retaining Walls

## RESULTS

FoS Sliding:	0.89 NG	FoS Overturning:	2.78
Bearing	1,331	FoS Bearing:	6.82
FoS Pullout	1.46 NG		
Total Pullout	1,525	FoS Total Pullout	1.87
Top FoSot:	14.93	FoS Connection:	6.48

ID	Height	Length	Name	Ta	Pa	DL	TMax	FSStr	FSPo	FSSldg	GridEmbedment
2	4	7	5XT	1786	193	0	193	13.87	1.46/[193]	1.49(?)	1.18
1	2	7	5XT	1786	343	0	343	7.80	3.62/[343]	1.99 [0.89](?)	2.59

### Column Descriptions:

- Ta: allowable geogrid strength
- Rc %: percent coverage for geosynthetics
- EP (Pa) internal active earth pressure
- LL (Pql) earth pressure due to live load surcharge
- DL (Pqd) earth pressure due to dead load surcharge
- Tmax maximum earth pressure on geosynthetic layer
- FSstr factor of safety on geogrid strength (LTDS/Tmax)
- Ta cn allowable tension on the connection
- FS Pkcn, factor of safety on the connection (PkCn/Tmax)
- FS PO, factor of safety on pullout (Pullout/(Tmax - LL)
- Grid Embedment, depth of embedment beyond the theoretical failure plane.

# Verti-Block. Retaining Walls

## CONNECTION RESULTS TABLE

Connection results compare the load on the connection (pullout at the face) to the resistance of the connection. In the NCMA design methodology the connection load accounts for the loading 'over the active zone' in the failure plane from each reinforcing layer. Note that live load (LL) in T<sub>max</sub> for the reinforcing layer is the load calculated from the base of the wall and maybe larger then LL for the connection (T<sub>cn</sub>)

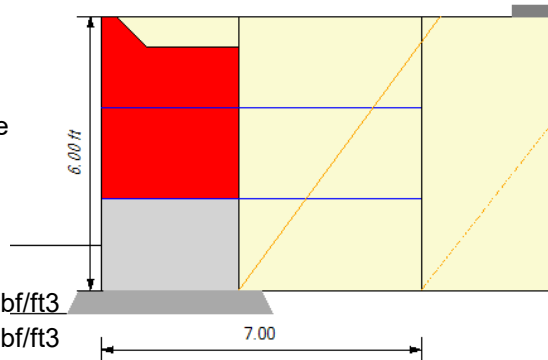
AASHTO design methodology (Simplified or Stiffness) the connection load, T<sub>o</sub>, is equal to the T<sub>max</sub> in the reinforcing. In Limit equilibrium the the connection load (T<sub>o</sub>) is less than the T<sub>max</sub> in the reinforcing layer as it is calculated at each layer of reinforcing, similar to the Trial Wedge Method using in REA software.

ID	Height	Length	Name	Pa	DL	T <sub>cn</sub>	TaCn	FSPkCn
2	4	7	5XT	193	0	193	2178	11.28
1	2	7	5XT	343	0	343	2227	6.48

## REA Analysis

Project: Wasatch Elementary  
 Location: Provo, Utah  
 Designer: Tyler L  
 Date: 10/23/2025  
 Section: Wall 1, 6ft Tall, 26 Degrees  
 Design Method: NCMA\_09\_3rd\_Ed, Include Vert. Force  
 Design Unit: VertiBlock 4.0: 36

SOIL PARAMETERS	$\Phi$	coh	$\gamma$
Reinforced Soil:	26 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Retained Soil:	26 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Foundation Soil:	26 deg	0 lbf/ft <sup>2</sup>	141 lbf/ft <sup>3</sup>
Leveling Pad:	40 deg	0 lbf/ft <sup>2</sup>	135 lbf/ft <sup>3</sup>
Leveling Pad:	Crushed Stone		



### GEOMETRY

Design Height:	6.00 ft (5.00 ft Exp.)	Live Load:	0 lbf/ft <sup>2</sup>
Wall Batter/Tilt:	0.00/ 0.00 deg	Live Load Offset:	0.00 ft
Embedment:	1.00 ft	LL2 Width:	0 ft
Leveling Pad Depth:	0.50 ft	Dead Load:	2,400 lbf/ft <sup>2</sup>
Back Slope Angle:	0.0 deg	Dead Load Offset:	6.0 ft
Back Slope Length:	0.0 ft	Dead Load Width:	30.00 ft
Back Slope Toe Offset:	0.0 ft		
Vertical $\delta$ on Single Depth			

### FACTORS OF SAFETY

Sliding:	1.50	Pullout:	1.50
Overturning:	2.00	Tension/Uncertainties:	1.50
Bearing:	2.00	Connection:	1.50
Unit/Unit Shear:	1.50		

# Verti-Block. Retaining Walls

## RESULTS

FoS Sliding:	0.75 NG	FoS Overturning:	2.54
Bearing	1,405	FoS Bearing:	4.75
FoS Pullout	0.83 NG		
Total Pullout	1,007	FoS Total Pullout	1.14
Top FoSot:	13.72	FoS Connection:	5.96

ID	Height	Length	Name	Ta	Pa	DL	TMax	FSstr	FSPo	FSSldg	GridEmbedment
2	4	7	5XT	1871	210	0	210	13.35	0.83/[210](*)	1.26(?)	1.05
1	2	7	5XT	1871	374	0	374	7.51	2.23/[374]	1.66 [0.75](?)	2.53

### Column Descriptions:

- Ta: allowable geogrid strength
- Rc %: percent coverage for geosynthetics
- EP (Pa) internal active earth pressure
- LL (Pql) earth pressure due to live load surcharge
- DL (Pqd) earth pressure due to dead load surcharge
- Tmax maximum earth pressure on geosynthetic layer
- FSstr factor of safety on geogrid strength (LTDS/Tmax)
- Ta cn allowable tension on the connection
- FS Pkcn, factor of safety on the connection (PkCn/Tmax)
- FS PO, factor of safety on pullout (Pullout/(Tmax - LL)
- Grid Embedment, depth of embedment beyond the theoretical failure plane.

# Verti-Block. Retaining Walls

## CONNECTION RESULTS TABLE

Connection results compare the load on the connection (pullout at the face) to the resistance of the connection. In the NCMA design methodology the connection load accounts for the loading 'over the active zone' in the failure plane from each reinforcing layer. Note that live load (LL) in T<sub>max</sub> for the reinforcing layer is the load calculated from the base of the wall and maybe larger then LL for the connection (T<sub>cn</sub>)

AASHTO design methodology (Simplified or Stiffness) the connection load, T<sub>o</sub>, is equal to the T<sub>max</sub> in the reinforcing. In Limit equilibrium the the connection load (T<sub>o</sub>) is less than the T<sub>max</sub> in the reinforcing layer as it is calculated at each layer of reinforcing, similar to the Trial Wedge Method using in REA software.

ID	Height	Length	Name	Pa	DL	T <sub>cn</sub>	TaCn	FSPkCn
2	4	7	5XT	210	0	210	2178	10.36
1	2	7	5XT	374	0	374	2227	5.96

# Wasatch Elementary Retaining Wall

Line Item Costs

10/27/2025

<b>Line Items</b>	<b>Cost</b>	<b>Notes</b>
Downstack	\$ 76,573	Includes demo
Reinstall	257,140	Not including new drain
Repairs	236,576	Includes temporary measures
Landscape	53,006	Trees, shrubs, irrigation repair, cobble
Other repairs	183,570	Asphalt, curb & gutter, storm drain, electrical, fence, etc
Drain/liner	94,505	In addition to above
Concrete pavement	37,454	~3,000 sqft at top of wall between curb & fence
Supervision, Management	No Cost	
Markup, Bond	No Cost	(5% + 1% = \$42,135)
<b>Total Cost</b>	<b>\$ 702,248</b>	Not to exceed
Proposed District Amount	\$ 351,124	50%
Others	\$ 351,124	50%

**PROVO CITY SCHOOL DISTRICT**

**COMPLIANCE REPORTS**

Year Ended June 30, 2025

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## TABLE OF CONTENTS

	Page
Schedule of Expenditures of Federal Awards	1
Notes to Schedule of Expenditures of Federal Awards	2
Independent Auditor's Report on Internal Control over Financial Reporting and on Compliance and Other Matters Based on an Audit of Financial Statements Performed in Accordance with <i>Government Auditing Standards</i>	3
Independent Auditor's Report on Compliance for Each Major Federal Program; Report on Internal Control over Compliance; and Report on Schedule of Expenditures of Federal Awards Required by the Uniform Guidance	5
Summary Schedule of Prior Audit Findings	8
Schedule of Findings and Questioned Costs	9
Independent Auditor's Report on Compliance and Report on Internal Control over Compliance Required by the <i>State Compliance Audit Guide</i>	11

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**PROVO CITY SCHOOL DISTRICT**  
**SCHEDULE OF EXPENDITURES OF FEDERAL AWARDS**  
Year Ended June 30, 2025

Grantor/Pass-through Grantor/Program Title	Assistance Listing Number	Pass-Through Entity Identifying Number	District's Program Number	(Unearned) Receivable June 30, 2024	Received	Expended	(Unearned) Receivable June 30, 2025
<b>U.S. DEPARTMENT OF AGRICULTURE:</b>							
Passed through State of Utah Board of Education:							
<i>Child Nutrition Cluster:</i>							
School Breakfast Program	10.553	SBP	8001	\$ 11,526	\$ 496,507	\$ 501,192	\$ 16,211
National School Lunch Program	10.555	ASSP, NSLP, NSLF	8001	49,158	3,059,806	3,076,102	65,454
National School Lunch Program (Donated commodities)	10.555	NSLP, NSLF	8001	-	425,335	425,335	-
Fresh Fruit and Vegetable Program	10.582	FFVP	8001	-	286,460	286,460	-
Total Child Nutrition Cluster				60,684	4,268,108	4,289,089	81,665
Local Food for Schools Cooperative Agreement Program	10.185	LFS	8001	-	-	21,858	21,858
Passed through Utah County:							
<i>Forest Service Schools and Roads Cluster:</i>							
Schools and Roads - Grants to Counties	10.665	n/a	0060	-	6,458	6,458	-
Total U.S. Department of Agriculture				60,684	4,274,566	4,317,405	103,523
<b>U.S. DEPARTMENT OF EDUCATION:</b>							
Passed through State of Utah Board of Education:							
<i>Special Education Cluster (IDEA):</i>							
Special Education Grants to States	84.027	FTFL, FTD	7570	773,053	3,025,951	2,682,689	429,791
Special Education Preschool Grants	84.173	PRE	7555	-	103,696	103,696	-
Total Special Education Cluster (IDEA)				773,053	3,129,647	2,786,385	429,791
Education Stabilization Fund:							
COVID-19 American Rescue Plan - Elementary and Secondary School Emergency Relief (ARP ESSER)	84.425U	ARPL, ARPF	7215	2,625,694	2,625,694	-	-
COVID-19 American Rescue Plan - Emergency Assistance to Non-Public Schools (ARPEANS)	84.425V	ARPNP	7230	-	15,647	15,647	-
Total Education Stabilization Fund				2,625,694	2,641,341	15,647	-
Direct:							
Indian Education Grants to Local Educational Agencies	84.060		7331	29,854	42,432	26,735	14,157
Passed through State of Utah Board of Education:							
Title I Grants to Local Educational Agencies	84.010	T1FT, T1SF	7510/7514	487,262	2,595,794	2,495,025	386,493
Migrant Education - State Grant Program	84.011	MGFT	7519	-	34,686	34,686	-
Title I State Agency Program for Neglected and Delinquent Children and Youth	84.013	NDT	7515	165,177	326,829	326,196	164,544
Twenty-First Century Community Learning Centers	84.287	ASFC, CPFT	7990	317,004	611,233	355,330	61,101
English Language Acquisition State Grants	84.365	ELFT, ELSA, IMM	7612/7614/7880	62,721	293,382	372,495	141,834
Supporting Effective Instruction State Grants	84.367	2FT, 2SL	7604	52,674	187,972	413,027	277,729
Student Support and Academic Enrichment Program	84.424	4AFT	7890	52,146	189,905	237,214	99,455
Passed through Utah Valley University:							
Career and Technical Education - Basic Grants to States	84.048A	SRS2019	7671	-	209,927	295,725	85,798
Total U.S. Department of Education				4,565,585	10,263,148	7,358,465	1,660,902
<b>U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES:</b>							
Passed Through Utah Department of Health:							
<i>Medicaid Cluster:</i>							
Medical Assistance Program	93.778	n/a	7760	23,222	1,399,373	1,486,017	109,866
<b>TOTAL FEDERAL AWARDS</b>				<b>\$ 4,649,491</b>	<b>\$ 15,937,087</b>	<b>\$ 13,161,887</b>	<b>\$ 1,874,291</b>

The accompanying notes are an integral part of this schedule.

**PROVO CITY SCHOOL DISTRICT**  
**Notes to Schedule of Expenditures of Federal Awards**

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**NOTE A – BASIS FOR PRESENTATION**

The accompanying schedule of expenditures of federal awards (the Schedule) includes the federal award activity of Provo City School District (the District) under programs of the federal government for the year ended June 30, 2025. The information in the Schedule is presented in accordance with the requirements of Title 2 U.S. Code of Federal Regulations Part 200, *Uniform Administrative Requirements, Cost Principles, and Requirements for Federal Awards* (the Uniform Guidance). Because the Schedule presents only a selected portion of the operations of the District, it is not intended to and does not present the financial position, changes in financial position, or cash flows of the District.

**NOTE B – SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES**

Expenditures reported on the Schedule are reported on the modified accrual basis of accounting as described in Note 1 to the District's basic financial statements. Such expenditures are recognized following the cost principles contained in the Uniform Guidance, wherein certain types of expenditures are not allowable or are limited as to reimbursement.

Donated food commodities are recorded at acquisition value in the nutrition services fund as an inventory asset and federal revenue when received totaling \$425,335 for the year ended June 30, 2025. Donated food commodity inventories are recorded as expenditures in the nutrition services fund when they are consumed by the schools; for purposes of the Schedule, donated food commodities are also recorded as expended when received.

The District has elected not to use the 10-percent de minimis indirect cost rate allowed under the Uniform Guidance.

**NOTE C – SUBRECIPIENTS OF FEDERAL AWARDS**

The District did not provide Federal award funding to any subrecipients during the year ended June 30, 2025.

Independent Auditor's Report on Internal Control over Financial  
Reporting and on Compliance and Other Matters Based on an Audit of Financial  
Statements Performed in Accordance with *Government Auditing Standards*

Board of Education  
Provo City School District

We have audited, in accordance with the auditing standards generally accepted in the United States of America and the standards applicable to financial audits contained in *Government Auditing Standards* issued by the Comptroller General of the United States, the financial statements of the governmental activities, each major fund, and the aggregate remaining fund information of Provo City School District (the District), as of and for the year ended June 30, 2025, and the related notes to the financial statements, which collectively comprise the District's basic financial statements, and have issued our report thereon dated October 28, 2025.

**Report on Internal Control over Financial Reporting**

In planning and performing our audit of the financial statements, we considered the District's internal control over financial reporting (internal control) as a basis for designing audit procedures that are appropriate in the circumstances for the purpose of expressing our opinions on the financial statements, but not for the purpose of expressing an opinion on the effectiveness of the District's internal control. Accordingly, we do not express an opinion on the effectiveness of the District's internal control.

A *deficiency in internal control* exists when the design or operation of a control does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, misstatements on a timely basis. A *material weakness* is a deficiency, or a combination of deficiencies, in internal control, such that there is a reasonable possibility that a material misstatement of the entity's financial statements will not be prevented, or detected and corrected on a timely basis. A *significant deficiency* is a deficiency, or a combination of deficiencies, in internal control that is less severe than a material weakness, yet important enough to merit attention by those charged with governance.

Our consideration of internal control was for the limited purpose described in the first paragraph of this section and was not designed to identify all deficiencies in internal control that might be material weaknesses or significant deficiencies and therefore, material weaknesses or significant deficiencies may exist that were not identified. We identified a deficiency in internal control, described in the accompanying schedule of findings and questioned costs as item 2025-001 that we consider to be a material weakness.

**Report on Compliance and Other Matters**

As part of obtaining reasonable assurance about whether the District's financial statements are free from material misstatement, we performed tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements, noncompliance with which could have a direct and material effect on the

financial statements. However, providing an opinion on compliance with those provisions was not an objective of our audit, and accordingly, we do not express such an opinion. The results of our tests disclosed no instances of noncompliance or other matters that are required to be reported under *Government Auditing Standards*.

### **The District's Response to Findings**

*Government Auditing Standards* requires the auditor to perform limited procedures on the District's response to the findings identified in our audit and described in the accompanying schedule of findings and questioned cost. The District's response was not subjected to the other auditing procedures applied in the audit of the financial statements and, accordingly, we express no opinion on it.

### **Purpose of this Report**

The purpose of this report is solely to describe the scope of our testing of internal control and compliance and the results of that testing, and not to provide an opinion on the effectiveness of the District's internal control or on compliance. This report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the District's internal control and compliance. Accordingly, this communication is not suitable for any other purpose.

Orem, Utah  
October 28, 2025

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Independent Auditor's Report on Compliance for Each Major Federal Program; Report on Internal Control over Compliance; and Report on Schedule of Expenditures of Federal Awards Required by the Uniform Guidance

Board of Education  
Provo City School District

**Report on Compliance for Each Major Federal Program**

***Opinion on Each Major Program***

We have audited Provo City School District (the District)'s compliance with the types of compliance requirements described in the OMB Compliance Supplement that could have a direct and material effect on each of the District's major federal programs for the year ended June 30, 2025. The District's federal programs are identified in the summary of auditor's results section of the accompanying schedule of findings and questioned costs.

In our opinion, the District complied, in all material respects, with the types of compliance requirements referred to above that could have a direct and material effect on each of its major federal programs for the year ended June 30, 2025.

***Basis for Opinion on Each Major Federal Program***

We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States of America (GAAS); the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States (*Government Auditing Standards*); and the audit requirements of Title 2 U.S. *Code of Federal Regulations* (CFR) Part 200, *Uniform Administrative Requirements, Cost Principles, and Audit Requirements for Federal Award* (Uniform Guidance). Our responsibilities under those standards and the Uniform Guidance are further described in the Auditor's Responsibilities for the Audit of Compliance section of our report.

We are required to be independent of the District and to meet our other ethical responsibilities, in accordance with relevant ethical requirements relating to our audit. We believe the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion on compliance for each major federal program. Our audit does not provide a legal determination of the District's compliance with the compliance requirements referred to above.

***Responsibilities of Management for Compliance***

Management is responsible for compliance with the requirements referred to above and for the design, implementation, and maintenance of effective internal control over compliance with the requirements of laws, statutes, regulations, rules and provisions of contracts or grant agreements applicable to the District's federal programs.

## ***Auditor's Responsibilities for the Audit of Compliance***

Our objectives are to obtain reasonable assurance about whether the noncompliance with compliance requirements referred to above occurred, whether due to fraud or error, and express an opinion on the District's compliance based on our audit. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS, *Government Auditing Standards*, and the Uniform Guidance will always detect material noncompliance when it exists. The risk of not detecting material noncompliance resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Noncompliance with the compliance requirements referred to above is considered material, if there is substantial likelihood that, individually or in the aggregate, it would influence the judgment made by a reasonable user of the report on compliance about the District's compliance with the requirements of each federal program as a whole.

In performing an audit in accordance with GAAS, *Government Auditing Standards*, and the Uniform Guidance, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material noncompliance, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the District's compliance with the compliance requirements referred to above and performing such other procedures as we considered necessary in the circumstances.
- Obtain an understanding of the District's internal control over compliance relevant to the audit in order to design audit procedures that are appropriate in the circumstances and to test and report on internal control over compliance in accordance with the Uniform Guidance, but not for the purpose of expressing an opinion on the effectiveness of the District's internal control over compliance. Accordingly, no such opinion is expressed.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

### **Report on Internal Control Over Compliance**

*A deficiency in internal control over compliance* exists when the design or operation of a control over compliance does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, noncompliance with a type of compliance requirement of a federal program on a timely basis. *A material weakness in internal control over compliance* is a deficiency, or a combination of deficiencies, in internal control over compliance, such that there is a reasonable possibility that material noncompliance with a type of compliance requirement of a federal program will not be prevented, or detected and corrected, on a timely basis. *A significant deficiency in internal control over compliance* is a deficiency, or a combination of deficiencies, in internal control over compliance with a type of compliance requirement of a federal program that is less severe than a material weakness in internal control over compliance, yet important enough to merit attention by those charged with governance.

Our consideration of internal control over compliance was for the limited purpose described in the Auditor's Responsibilities for the Audit of Compliance section above and was not designed to identify all deficiencies in internal control over compliance that might be material weaknesses or significant deficiencies in internal control over compliance. Given these limitations, during our audit we did not identify any deficiencies in internal control over compliance that we consider to be material weaknesses, as defined above. However, material weaknesses or significant deficiencies in internal control over compliance may exist that were not identified.

Our audit was not designed for the purpose of expressing an opinion on the effectiveness of internal control over compliance. Accordingly, no such opinion is expressed.

The purpose of this report on internal control over compliance is solely to describe the scope of our testing of internal control over compliance and the results of that testing based on the requirements of the Uniform Guidance. Accordingly, this report is not suitable for any other purpose.

### **Report on Schedule of Expenditures of Federal Awards Required by the Uniform Guidance**

We have audited the governmental activities, each major fund, and the aggregate remaining fund information of Provo City School District as of and for the year ended June 30, 2025, and the related notes to the financial statements, which collectively comprise the District's basic financial statements. We issued our report thereon dated October 28, 2025, which contained unmodified opinions on those basic financial statements. Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the basic financial statements. The accompanying schedule of expenditures of federal awards is presented for purposes of additional analysis as required by the Uniform Guidance and is not a required part of the basic financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. The information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the schedule of expenditures of federal awards is fairly stated in all material respects in relation to the basic financial statements as a whole.

Orem, Utah  
October 28, 2025

**PROVO CITY SCHOOL DISTRICT**  
**Summary Schedule of Prior Audit Findings**

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No findings were reported in the prior year.

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**PROVO CITY SCHOOL DISTRICT**  
**Schedule of Findings and Questioned Costs**  
Year Ended June 30, 2025

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**SECTION I – SUMMARY OF AUDITOR’S RESULTS**

**Financial Statements**

Type of auditor’s report issued:	Unmodified
Internal control over financial reporting:	
Material weakness identified	Yes
Significant deficiency identified	None reported
Noncompliance material to financial statements noted?	No

**Federal Awards**

Internal control over major federal programs:	
Material weakness identified	No
Significant deficiency identified	None reported
Type of auditor’s report issued on compliance for major programs:	Unmodified
Any audit findings disclosed that are required to be reported in accordance with Uniform Guidance 2 CFR 200.516(a):	No

**Identification of Major Federal Programs**

Name of Federal Program (Assistance Listing Number)

*Child Nutrition Cluster:*

- School Breakfast Program (10.553)
- National School Lunch Program (10.555)
- Fresh Fruit and Vegetable Program (10.582)

*Special Education Cluster:*

- Special Education Grants to States (84.027)
- Special Education Preschool Grants (84.173)

Dollar threshold used to distinguish between type A and type B programs:	\$750,000
Auditee qualified as low-risk auditee?	No

**SECTION II – FINANCIAL STATEMENT FINDINGS**

*2025-001 Restatements*

<i>Criteria</i>	The Organization is responsible for maintaining accounting records in accordance with accounting principles generally accepted in the United States of America (GAAP).
<i>Condition</i>	During our audit, we noted that certain transactions had not been recorded in accordance with by GAAP. These transactions related to revenue recognition of grants impacting both governmental funds and government-wide statements,

conversion entries related to delinquent property taxes, and proper classification of the Provo School District Foundation.

*Cause* The District did not have controls in place related to revenue recognition of delinquent taxes. The District was reconciling programs for grant revenues but recorded revenue prior to meeting all eligibility requirements. The Foundation had not been evaluated for the proper presentation in the financial statements since the most recent pronouncement that impacted the presentation.

*Effect* As a result, the financial statements for the year ended June 30, 2025, were restated. These adjustments affected unearned revenue, deferred inflows of resources, and blending the Provo School District Foundation with the nonmajor funds.

*Recommendation* We recommend management ensure reliable external financial reports are prepared in accordance with accounting principles generally accepted in the United States of America.

*Views of responsible officials* We appreciate your recommendations. We have reviewed these items and will make necessary changes.

### **SECTION III – FEDERAL AWARD FINDINGS AND QUESTIONED COSTS**

No matters were reported.

Independent Auditor's Report on Compliance  
and Report on Internal Control over Compliance  
Required by the *State Compliance Audit Guide*

Board of Education  
Provo City School District

**Report on Compliance**

***Opinion on Compliance***

We have audited Provo City School District's (the District) compliance with the following applicable state compliance requirements described in the *State Compliance Audit Guide*, issued by the Office of the Utah State Auditor, for the year ended June 30, 2025:

Budgetary Compliance  
Fund Balance  
Fraud Risk Assessment  
Tax Levy Revenue Recognition  
Crime Insurance for Public Treasurers  
Open and Public Meetings  
Internal Control Systems  
Public Education Programs

In our opinion, Provo City School District complied, in all material respects, with the state compliance requirements referred to above for the year ended June 30, 2025.

***Basis for Opinion on Compliance***

We conducted our audit of compliance in accordance with auditing standards generally accepted in the United States of America; the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States; and the *State Compliance Audit Guide*, issued by the Office of the Utah State Auditor. Our responsibilities under those standards and the *State Compliance Audit Guide* are further described in the Auditor's Responsibilities for the Audit of Compliance section of our report.

We are required to be independent of the District and to meet our other ethical responsibilities, in accordance with relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion on compliance. Our audit does not provide a legal determination of the District's compliance with the compliance requirements referred to above.

***Responsibilities of Management for Compliance***

Management is responsible for compliance with the state compliance requirements referred to above.

### ***Auditor's Responsibilities for the Audit of Compliance***

Our objectives are to obtain reasonable assurance about whether material noncompliance with the compliance requirements referred to above occurred, whether due to fraud or error, and express an opinion on the District's compliance based on our audit. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS, Government Auditing Standards, and the *State Compliance Audit Guide* will always detect material noncompliance when it exists. The risk of not detecting material noncompliance resulting from fraud is higher than for that resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Noncompliance with the compliance requirements referred to above is considered material, if there is a substantial likelihood that, individually or in the aggregate, it would influence the judgment made by a reasonable user of the report on compliance about the District's compliance with the requirements of the *State Compliance Audit Guide* as a whole.

In performing an audit in accordance with GAAS, *Government Auditing Standards*, and the *State Compliance Audit Guide*, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material noncompliance, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the District's compliance with the compliance requirements referred to above and performing such other procedures as we considered necessary in the circumstances.
- Obtain an understanding of the District's internal control over compliance relevant to the audit in order to design audit procedures that are appropriate in the circumstances and to test and report on internal control over compliance in accordance with the *State Compliance Audit Guide*, but not for the purpose of expressing an opinion on the effectiveness of the District's internal control over compliance. Accordingly, no such opinion is expressed.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit and any significant deficiencies and material weaknesses in internal control over compliance that we identified during the audit.

### **Report on Internal Control over Compliance**

*A deficiency in internal control over compliance* exists when the design or operation of a control over compliance does not allow management or employees, in the normal course of performing their assigned functions, to prevent, or detect and correct, noncompliance with a type of compliance requirement of a federal program on a timely basis. *A material weakness in internal control over compliance* is a deficiency, or a combination of deficiencies, in internal control over compliance, such that there is a reasonable possibility that material noncompliance with a type of compliance requirement of a federal program will not be prevented, or detected and corrected, on a timely basis. *A significant deficiency in internal control over compliance* is a deficiency, or a combination of deficiencies, in internal control over compliance with a state compliance requirement that is less severe than a material weakness in internal control over compliance, yet important enough to merit attention by those charged with governance.

Our consideration of internal control over compliance was for the limited purpose described in the Auditor's Responsibilities for the Audit of Compliance section above and was not designed to identify all deficiencies in internal control over compliance that might be material weaknesses or significant

deficiencies in internal control over compliance. Given these limitations, during our audit we did not identify any deficiencies in internal control over compliance that we consider to be material weaknesses, as defined above. However, material weaknesses or significant deficiencies in internal control over compliance may exist that were not identified.

Our audit was not designed for the purpose of expressing an opinion on the effectiveness of internal control over compliance. Accordingly, no such opinion is expressed.

The purpose of this report on internal control over compliance is solely to describe the scope of our testing of internal control over compliance and the results of that testing based on the requirements of the *State Compliance Audit Guide*. Accordingly, this report is not suitable for any other purpose.

Orem, Utah  
October 28, 2025

DRAFT

## Independent Auditor's Report

Board of Education  
Provo City School District

### Report on the Basic Financial Statements

#### *Opinions*

We have audited the accompanying financial statements of the governmental activities, each major fund, and the aggregate remaining fund information of Provo City School District (the District) as of and for the year ended June 30, 2025, and the related notes to the financial statements, which collectively comprise the District's basic financial statements as listed in the table of contents.

In our opinion, the accompanying financial statements referred to above present fairly, in all material respects, the respective financial position of the governmental activities, each major fund, and the aggregate remaining fund information of the District as of June 30, 2025, and the respective changes in financial position and, where applicable, cash flows thereof and the respective budgetary comparison for the general fund for the year then ended in accordance with accounting principles generally accepted in the United States of America.

#### *Basis for Opinions*

We conducted our audit in accordance with auditing standards generally accepted in the United States of America (GAAS) and the standards applicable to financial audits contained in *Government Auditing Standards*, issued by the Comptroller General of the United States. Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are required to be independent of District and to meet our other ethical responsibilities, in accordance with the relevant ethical requirements relating to our audit. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinions.

#### *Emphasis of Matter*

As discussed in Notes 1 and 11 to the basic financial statements, the 2025 financial statements have been restated and the District adopted Government Accounting Standards Board Statement No. 101, *Compensated Absences*. Our opinion is not modified with respect to this matter.

#### *Responsibilities of Management for the Financial Statements*

Management is responsible for the preparation and fair presentation of the financial statements in accordance with accounting principles generally accepted in the United States of America, and for the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, management is required to evaluate whether there are conditions or events, considered in the aggregate, that raise substantial doubt about District's ability to continue as a going concern for twelve months beyond the financial statement date, including any currently known information that may raise substantial doubt shortly thereafter.

### ***Auditor's Responsibilities for the Audit of the Financial Statements***

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinions. Reasonable assurance is a high level of assurance but is not absolute assurance and therefore is not a guarantee that an audit conducted in accordance with GAAS and *Government Auditing Standards* will always detect a material misstatement when it exists. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control. Misstatements are considered material if there is a substantial likelihood that, individually or in the aggregate, they would influence the judgment made by a reasonable user based on the financial statements.

In performing an audit in accordance with GAAS and *Government Auditing Standards*, we:

- Exercise professional judgment and maintain professional skepticism throughout the audit.
- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, and design and perform audit procedures responsive to those risks. Such procedures include examining, on a test basis, evidence regarding the amounts and disclosures in the financial statements.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of District's internal control. Accordingly, no such opinion is expressed.
- Evaluate the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluate the overall presentation of the financial statements.
- Conclude whether, in our judgment, there are conditions or events, considered in the aggregate, that raise substantial doubt about District's ability to continue as a going concern for a reasonable period of time.

We are required to communicate with those charged with governance regarding, among other matters, the planned scope and timing of the audit, significant audit findings, and certain internal control-related matters that we identified during the audit.

### ***Required Supplementary Information***

Accounting principles generally accepted in the United States of America require that the management's discussion and analysis, the schedule of the proportionate share of the net pension liability, the schedule of employer contributions, the schedule of changes in total OPEB liability and related ratios and the related notes to the required supplementary information be presented to supplement the basic financial statements. Such information is the responsibility of management and, although not a part of the basic financial statements, is required by the Governmental Accounting Standards Board who considers it to be an essential part of financial reporting for placing the basic financial statements in an appropriate operational, economic, or historical context. We have applied certain limited procedures to the required supplementary information in accordance with auditing standards generally accepted in the United States

of America, which consisted of inquiries of management about the methods of preparing the information and comparing the information for consistency with management's responses to our inquiries, the basic financial statements, and other knowledge we obtained during our audit of the basic financial statements. We do not express an opinion or provide any assurance on the information because the limited procedures do not provide us with sufficient evidence to express an opinion or provide any assurance.

### ***Supplementary Information***

Our audit was conducted for the purpose of forming opinions on the financial statements that collectively comprise the District's basic financial statements. The combining and individual fund statements and schedules are presented for purposes of additional analysis and are not a required part of the basic financial statements. Such information is the responsibility of management and was derived from and relates directly to the underlying accounting and other records used to prepare the basic financial statements. The information has been subjected to the auditing procedures applied in the audit of the basic financial statements and certain additional procedures, including comparing and reconciling such information directly to the underlying accounting and other records used to prepare the basic financial statements or to the basic financial statements themselves, and other additional procedures in accordance with auditing standards generally accepted in the United States of America. In our opinion, the combining and individual fund statements and schedules are fairly stated, in all material respects, in relation to the basic financial statements as a whole.

### ***Other Information***

Management is responsible for the other information included in the annual report. The other information comprises the introductory and statistical sections but does not include the basic financial statements and our auditor's report thereon. Our opinions on the basic financial statements do not cover the other information, and we do not express an opinion or any form of assurance thereon.

In connection with our audit of the basic financial statements, our responsibility is to read the other information and consider whether a material inconsistency exists between the other information and the basic financial statements, or the other information otherwise appears to be materially misstated. If, based on the work performed, we conclude that an uncorrected material misstatement of the other information exists, we are required to describe it in our report.

### ***Other Reporting Required by Government Auditing Standards***

In accordance with *Government Auditing Standards*, we have also issued our report dated October 28, 2025, on our consideration of the District's internal control over financial reporting and on our tests of its compliance with certain provisions of laws, regulations, contracts, and grant agreements and other matters. The purpose of that report is solely to describe the scope of our testing of internal control over financial reporting and compliance and the results of that testing, and not to provide an opinion on the effectiveness of internal control over financial reporting or on compliance. That report is an integral part of an audit performed in accordance with *Government Auditing Standards* in considering the District's internal control over financial reporting and compliance.

Orem, Utah  
October 28, 2025

Provo Board of Education  
November 2025  
2026-2027 School Choice / Open Enrollment  
Jason Garrison

Prior to November 15<sup>th</sup>, the board needs to announce the policies and procedure to follow for open enrollment, and designate which schools and/or programs will be available for open enrollment for the following school year. The updated school choice early open enrollment period for the 2026-2027 school year will be Nov. 15, 2025 through Feb. 6, 2026.

#### RECOMMENDATION

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##### A. Schools Open/Closed to Choice - Open Enrollment

1. It is recommended that all elementary and secondary schools be open for school choice, until the grade level, class, or program reach 90% of capacity. (Capacity being determined by building capacity.) The schedule will be as follows:

Prior to Nov 15,	Board designates school's status of Open or Closed
On Nov 15,	Window opens for Early Open Enrollment, applications thru Feb 6, will be accepted and processed by Student Services (parents can access the link to the application through our website)
Feb 20,	Schools will receive a list of applicants.
Mar 15,	Student Services will notify parents of currently enrolled students who will not be permitted continued enrollment for the coming year.
Mar 31,	Deadline for Student Services to notify parents in writing of Early Open Enrollment Application status – accepted or rejected.

There are no charges associated with the application process.

Schools may NOT develop “waiting lists” from Open Window applications. Applications must be accepted or rejected by the March 31<sup>st</sup> deadline for Early Enrollment and August 1<sup>st</sup> for Late Enrollment.

To complete the process, a notification letter will be sent to the parents via email, the sending/receiving schools will receive a list of the students who are leaving/arriving and the original Open Enrollment application will remain at the Student Services office. For assistance contact: (801) 374-4838

#### REFERENCES

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##### UTAH CODE SECTION 53A-2-207 (6) (a-d)

An enrolled nonresident student shall be permitted to remain enrolled in a school, subject to the same rules and standards as resident students, without renewed applications in subsequent years unless one of the following occurs:

- (a) the student graduates;
- (b) the student is no longer a Utah resident;
- (c) the student is suspended or expelled from school; or
- (d) the district determines that enrollment within the school will exceed the school's open enrollment threshold.

##### UTAH CODE SECTION 53A-2-207 (7) (a) (b)

- (a) Determination of which nonresident students will be excluded from continued enrollment in a nonresident district during a subsequent year under Subsection (6)(b) is based upon time in the district, with those most recently enrolled being excluded first.
- (b) Non-resident students who will not be permitted to continue their enrollment shall be notified no later than March 15<sup>th</sup> of the current school year.

# OPEN ENROLLMENT CAPACITY REPORT

School Building	Teaching Stations - available for classrooms	Functional Capacity - as per report by Facilities - times 30 per station	Teaching Stations used as other support classrooms	Teaching Stations for Regular Education	Maximum Capacity is Teaching Stations for Reg Ed times 27.5 Elem, 28 MS & 28.5 HS	Early Open Enrollment Threshold is 90% of Max Capacity	2024-25 FTE - approved by HR	Adjusted Capacity is FTE times 27.5 for Elem, 28 for MS & 28.5 for HS	Late Open Enrollment Threshold is 90% of Adjusted Capacity	25-26 OCT 1 count	Seats available for Late Open Enrollment 25-26	Status for 25-26	Projected counts for 2026-27	School Building	Projected seats available for Early Open Enrollment 26-27 (Projected - Early OE threshold)	Status for 2026-27	25-26 Applications received (as of 10/4)	25-26 Applications approved (as of 10/4)	25-26 Choice out to in-District school (as of 10/4)	DLI Received	DLI Approved	DLI in Program
AME	28	840	12	16	440	396	15	413	371	375	-4	full	377	AME	19	OPEN	23	7	32			
CAN	29	870	9	20	550	495	21	578	520	503	17	open	486	CAN	9	OPEN	77	45	32	85	68	60
EDG	30	900	3	27	743	668	26	715	644	589	55	open	570	EDG	98	OPEN	124	69	23	67	63	45
FRA	23	690	6	17	468	421	17	454	408	338	70	open	407	FRA	14	OPEN	38	17	46			
LAK	35	1050	7	28	770	693	28	756	681	669	12	full	694	LAK	-1	OPEN	50	36	13	56	54	56
PPK	34	1020	10	24	660	594	19	509	458	560	-102	full	557	PPK	37	OPEN	57	36	31			
PRO	27	810	6	21	578	520	22	605	545	452	93	open	514	PRO	6	OPEN	47	33	22			
ROC	27	810	6	21	578	520	19	523	470	481	-11	full	463	ROC	57	OPEN	79	36	23			
SPR	32	960	6	26	715	644	19	523	470	425	45	open	448	SPR	196	OPEN	20	10	39			
SUN	34	1020	6	28	770	693	22	605	545	627	-83	full	608	SUN	85	OPEN	72	48	21			
TIM	33	990	6	27	743	668	27	743	668	621	47	open	636	TIM	32	OPEN	71	45	33	103	82	58
WAS	28	840	3	25	688	619	24	646	582	516	66	open	522	WAS	97	OPEN	60	46	23	65	61	54
WES	35	1050	6	29	798	718	22	605	545	547	-3	full	613	WES	105	OPEN	44	16	22			
CMS	49	1470	4	45	1260	1134	39	1092	983	1013	-30	full	1050	CMS	84	OPEN	18	5	14			
SMS	48	1440	10	38	1064	958	37	1036	932	926	6	open	890	SMS	68	OPEN	36	21	2			
PHS	90	2700	8	82	2337	2103	80	2269	2042	1930	112	open	1972	PHS	131	OPEN	56	43	15			
THS	113	3390	2	111	3164	2847	88	2506	2255	2252	3	Full	2322	THS	525	OPEN	75	43	17			



2456 S West Temple Salt Lake City, UT 84115  
 Phone: (801) 466-3196

## Proposal

State Contract Number: MA4362  
 Project No: PERF-11347  
 Revision: 0  
 Quote Date: 09/23/2025

# Provo High School - Auditorium AV Upgrades

1199 N Lakeshore Dr Provo, UT 80601

Presented By: Brad Wadsworth 801-466-3196 x 182 brad.wadsworth@performanceaudio.com

### Bill To:

**Provo City School District**  
 Sadie Cox  
 527 S. 1600 W.  
 Provo, UT 84601  
 Phone: 801-374-4888  
 Email: sadiec@provo.edu

### Primary Contact:

**Provo City School District**  
 Chelsey Beck  
 527 S. 1600 W.  
 Provo, UT 84601  
 Phone: 385-415-4066  
 Email: chelseyb@provo.edu

## Scope Of Work

**\*\*All pricing and conditions of this proposal are in compliance with State Contract number MA4362 and are subject to its terms and conditions.**

### Auditorium

- **Listen Everywhere System:** We will install the client-supplied Listen Everywhere system.
- **Mixing Console:** We will remove the existing mixing console and leave it with the client. A new 64-channel digital audio mixing console, appropriate I/O, and a stage rack will be installed to replace the existing setup.
- **Audio DSP & Control:** We will install a new DSP and two touch panel controllers—one at the front of the house and one backstage right. The system will be configured as an auto/manual system, with audio from video, two wired mics, two wireless handheld mics, the aux input, and Bluetooth connections on the auto system.
- **Video Infrastructure:** We will update the existing video infrastructure to be done over IP with endpoints. Two HDMI inputs will be supported, and an owner furnished Apple TV will be installed.
- **Camera:** A Q-SYS camera will replace the existing camera.
- **Lobby Displays:** We will add endpoints to the two existing lobby displays. These displays will be controlled with the touch panel controller in the Auditorium.
- **Streaming & Audio:** We will provide one live stream output to a client-supplied computer. The existing lobby chime and audio feed will continue to function.
- **Wireless Microphones:** We will do a wireless frequency coordination as part of the scope.

**Band Room, Orchestra Room, & Choir Room**

- **System Core & Control:** We will install a Q-SYS Core and a touch panel controller in each of these rooms. The client is providing a Core 110f V2 DSP for the Band Room.
- **Inputs/Outputs:** All existing inputs and outputs will remain functional.
- **Control:** The new touch panel controllers will manage the existing projector, screen, and audio levels in each room.
- **Equipment Racks:** We will reuse the existing equipment rack in the main server room.

**Theater Room (Overflow Space)**

- **Audio & Video Integration:** This room will receive audio and video signals from the auditorium.
- **Display & Audio:** We will use the existing display, installing a new endpoint, and pull audio from that endpoint for this space.
- **Client-Supplied Equipment:** We will install the client-supplied Blaze amp, amp controller, loudspeaker, and network switch.
- **Equipment Rack:** We will reuse the existing equipment rack in the main server room.

We will commission the system and provide basic training to the client on how to use the new system.

Your AV system is a vital investment. To maximize its value and avoid potential complications, selecting the right integration partner is crucial. We encourage you to consider the following when evaluating proposals:

**Key Considerations:**

- **Understanding Your Vision:** Did the integrator demonstrate a thorough understanding of your specific needs and objectives? Are they proposing a system tailored to your unique environment and requirements? Did the integrator design the system or did someone else? Did they perform a speaker model analysis of your space to aid in the system design? If not, how confident are you that the proposed audio system will cover properly?
- **Proven Expertise:** Is the integrator in high demand? What is their reputation? Do they possess the technical expertise to design and implement a high-performance system?
- **Reliable Process:** Do they have a clearly defined process for installation? What measures are in place to ensure a smooth and efficient project?
- **Long-Term Partnership:** Are they committed to providing ongoing support and ensuring your system continues to function as designed? Will the integrator be a long-term partner?
- **Proven Track Record:** Have they successfully completed other similar projects?
- **Value vs. Price:** Is the proposal focused on meeting your objectives, or simply the price? How important is system

reliability to you? What will it cost to redo the system if it fails to meet your objectives?

Remember, the true cost of a system includes its performance, reliability, and long-term support.

**Schedule:**

- Upon receipt of a signed proposal or purchase order, this project will move into the engineering phase, Performance Audio will hold a kickoff meeting to discuss all aspects of the work to be done. Those in attendance are the Sales Engineer who worked with you on this proposal, the assigned Project Manager, the AV Engineer and Installation Lead Coordinator.
- Following the Project kickoff meeting, a down payment invoice will be created and sent to the client if applicable.
- Once the down payment is received, the items will be ordered. If the terms on this project are progress billing, invoices will be sent to the client at the appropriate times.
- The Performance Audio Project Manager assigned to this project will contact the client with an introduction, and will coordinate the implementation details through completion.
- If there are programming or Graphical User Interface (GUI) controllers used in the project, the client may be invited to preview these details in our facility with one of our AV Engineers and to approve this portion of the project.
- Once all equipment is received, the Project Manager will schedule the installation with the client.
- When the installation is finished, the client will review the system with Performance Audio and will sign a Project Completion sign off form.
- A final invoice will be sent to the client along with the warranty document.

**Additional Considerations:**

Please review these items, and if any are incorrect, please let the Sales Engineer know as soon as possible. Changes to the proposal may influence the price of equipment or services.

- Scheduling** will be coordinated with the client and the Performance Audio Project Manager assigned to this project.
- All **electrical work and conduit** if required is to be done by a licensed electrical contractor. All wiring will be in accordance with the NEC code.
- Parking** for Performance Audio vehicles will be available on site (within 200' of the project location) unless otherwise pre-arranged.
- Availability of loading docks, elevators and lifts must be coordinated prior to installation scheduling.
- If applicable, **existing equipment** will be removed from its location and returned to an authorized representative of the customer. Please note that Performance Audio cannot dispose of or take in any equipment removed from this project.
- Information, including costs regarding **background checks or additional requirements for installers** to perform the specified work are the responsibility of the customer and should be pre-arranged. Performance Audio must receive security credentials necessary for access to the work site.
- The client is responsible to provide **waste disposal** for the scope of this project.
- Any Owner Furnished equipment requiring 'pre-build' will need to be delivered to Performance Audio two weeks before installation for verification of operation and programming if required.
- If applicable, networked equipment requiring addressing may need a separate meeting with Performance Audio IT personnel.
- Prior to installation, any touch-panel Graphical User Interface (GUI) programming will be verified by Performance Audio engineering and the customer.
- Upon completion of this project, documentation requiring a customer sign-off will be provided.
- If applicable, Performance Audio will provide one (1) **Warranty Programming Change** - in which the DSP or control programming may be updated free of charge. If additional programming updates are required or requested beyond this, a Change Order will be issued, and additional charges incurred.
- This project is **warranted for a period of one (1) year** unless otherwise pre-arranged.
- Equipment ordered for this project has an expected **lead time** of 4 to 8 weeks after the drawings and project is approved. However, due to the current conditions outside of our control, occasionally equipment is backordered. Performance Audio will make all reasonable efforts to move the project forward without delays due to back-ordering but cannot be held responsible if any such delays occur.



## Proposal

- Delays in the construction schedule, pertaining to other trades, will delay the completion of AV system.
- Installation of equipment prior to other trades being finished may result in damaged or lost equipment.
- Performance Audio is not responsible for the operational condition or warranty of **Owner Furnished Equipment (OFE)**.
- Colors, finishes and custom engravings of equipment specified are to be coordinated and signed off by the customer prior to any product being ordered.
- Work shall not begin until third party contractors have completed work, i.e., conduit and electrical needs, etc.
- All **work is to be performed during normal business hours**, Monday - Thursday 9 am to 6 pm, unless other hours have been pre-arranged and agreed upon.
- The customer is responsible for providing access to the workspaces and an on-site contact to help answer any questions during the installation process.
- For safety reasons, the installation space must be occupied by Performance Audio personnel only during the installation process.
- Change orders and additional work requests** shall be processed through the Performance Audio Project Manager and may affect any previous schedules or deadlines discussed between the Customer and Performance Audio. Additionally, any changes or requests for service (including programming changes) after the final agreements, will result in a change order and will be billed separately.

Please direct any questions to Brad Wadsworth 801-466-3196 Ext 182

If this proposal is acceptable and the customer wishes to proceed, please have the appropriate customer representative initial at the bottom right of each page, sign/date and return with purchase arrangements.

Qty Description

## AV System

### Equipment Rack

**1 Listen Technologies Client Supplied Listen Everywhere System**

[OFE] - Client Supplied Listen Everywhere System

**1 Middle Atlantic PDX-920R**

20A 9 OUT MULTI-STAGE SURGE W/CTRL

**1 Middle Atlantic UFA-8-F2**

Rackshelf, 8 Inches Deep with 2 RU Faceplate, Weight Capacity: 35 Lbs., Black Powder Coat Finish

**2 Netgear M4250-26G4F-PoE+**

M4250-26G4F-PoE+ (GSM4230P) — AV Line 24x1G, PoE+ Budget 300W, 2x1G and 4xSFP Managed Switch, 24 x Gigabit Ethernet PoE+, 2 x Gigabit Ethernet Network, 4 x Gigabit Ethernet Expansion Slot, 1RU

**2 COVID 1LRX-PA-001**

Single-Port Service Network Panel, w/Logo, 1RU

**2 TP Link ER605**

Wired Gigabit VPN Router, Up to 3 WAN Ethernet Ports + 1 USB WAN, SPI Firewall SMB Router, Omada SDN Integrated, Load Balance, Lightning Protection

**1 Non-Specified Item - TBD Rack Assembly and Mounting Hardware**

**2 QSC CORE 24f**

Unified Core with 24 Local Audio I/O Channels, 160x160 Network I/O Channels, Dual LAN & AUX Ports, POTS and VoIP Telephony, 8x8 GPIO, 24 AEC Ch. @ 200 ms, OLED Screen, Includes Scripting/UCI functionality. 1RU.

**1 QSC QIO-L4o**

Q-SYS Peripheral, 4 Line Outputs. Up to 4 Devices Daisy-Chainable. 1U-1/4W, Powered Over Ethernet or +24 VDC. Surface Mountable, Rack Kit Sold Separately.

**1 QSC QIO-PSU**

Power Supply Accessory - Supports Up to two QIO Units with External Power

**1 QSC QIO-RMK**

Rack Mount Tray and Blanking Panels to Mount up to Four QIO Units in a 1U 19" Standard Rack Format

Qty	Description
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1 **RDL TX-J2**  
 Unbalanced Input Transformer - Unbalanced Stereo Inputs to Summed Balanced Mono Output, RCA Inputs, Phoenix Connector Output

2 **Visionary Solutions D4100**  
 A/V Decoder, 4K UHD Over IP Cinema Quality Ultra-Low Latency Visually Lossless Switch Matrix Routable, with Built-In Video Wall Functionality; POE

2 **Visionary Solutions AVIP-Rackmount-3**  
 Rackmount Kit for up to 3 PacketAV Encoders and/or Decoders Horizontally in 1RU

**Theater Room**

1 **Netgear Client Supplied Network Switch**  
 [OFE] - Client Supplied Network Switch

1 **Non-Specified Item - TBD Client Supplied Amplifier**  
 [OFE] - Client Supplied Amplifier

**Performance Audio Device Configuration**  
 Labor to setup and configure device

1 **Non-Specified Item - TBD Client Supplied Blaze Amp Controller**  
 [OFE] - Client Supplied Blaze Amp Controller

1 **Non-Specified Item - TBD Client Supplied Speaker**  
 [OFE] - Client Supplied Speaker

1 **Non-Specified Item - TBD Existing Display**  
 [OFE] - Existing Display

1 **RDL TX-J2**  
 Unbalanced Input Transformer - Unbalanced Stereo Inputs to Summed Balanced Mono Output, RCA Inputs, Phoenix Connector Output

1 **Hosa Hosa CMR-203**  
 Stereo Breakout Cable, 3.5mm to Dual RCA, 3 Ft.

1 **Visionary Solutions D4100**  
 A/V Decoder, 4K UHD Over IP Cinema Quality Ultra-Low Latency Visually Lossless Switch Matrix Routable, with Built-In Video Wall Functionality; POE

**Band Room**

Qty	Description
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**1 Global Cache IP2CC-P**

iTach TCP/IP to Contact Closure Converter with Power Over Ethernet - Connects Relay Devices to a Wired Connection, 3 Integrated Contact Closure Relays w/ Transient Voltage Suppression, Includes Power Supply

**1 Netgear M4250-10G2F-PoE+**

M4250-10G2F-PoE+ (GSM4212P) — AV Line 8x1G, PoE+ Budget 125W, 2x1G and 2xSFP Managed Switch, 8 x Gigabit Ethernet PoE+, 2 x Gigabit Ethernet Network, 2 x Gigabit Ethernet Expansion Slot, 1RU

**1 COVID 1LRS-PA-001**

Single-Port Service Network Panel, w/Logo, 1RU

**1 TP Link ER605**

Wired Gigabit VPN Router, Up to 3 WAN Ethernet Ports + 1 USB WAN, SPI Firewall SMB Router, Omada SDN Integrated, Load Balance, Lightning Protection

**1 Non-Specified Item - TBD Existing Projector**

[OFE] - Existing Projector

**1 Global Cache IP2SL-P**

iTach TCP/IP to Serial (RS232) With Power Over Ethernet

**1 Non-Specified Item - TBD Existing Screen**

[OFE] - Existing Screen

**1 QSC Client Supplied Core 110f V2**

[OFE] - Client Supplied Core 110f V2 and licenses

**1 QSC TSC-70-G3**

Q-SYS 7" PoE Touch Screen Controller for In-Wall Mounting. Includes 1 LAN Port and Aux Power Input, Available in Black Only.

**1 FSR WB-TSC-SM-7**

Locking Surface Mount Wall Box with Window (QSC 7" Touch Panels)

**1 Visionary Solutions D4100**

A/V Decoder, 4K UHD Over IP Cinema Quality Ultra-Low Latency Visually Lossless Switch Matrix Routable, with Built-In Video Wall Functionality; POE

**Choir Room**

**1 Global Cache IP2CC-P**

iTach TCP/IP to Contact Closure Converter with Power Over Ethernet - Connects Relay Devices to a Wired Connection, 3 Integrated Contact Closure Relays w/ Transient Voltage Suppression, Includes Power Supply

Qty	Description
1	<b>Netgear M4250-10G2F-PoE+</b> M4250-10G2F-PoE+ (GSM4212P) — AV Line 8x1G, PoE+ Budget 125W, 2x1G and 2xSFP Managed Switch, 8 x Gigabit Ethernet PoE+, 2 x Gigabit Ethernet Network, 2 x Gigabit Ethernet Expansion Slot, 1RU
1	<b>COVID 1LRS-PA-001</b> Single-Port Service Network Panel, w/Logo, 1RU
1	<b>TP Link ER605</b> Wired Gigabit VPN Router, Up to 3 WAN Ethernet Ports + 1 USB WAN, SPI Firewall SMB Router, Omada SDN Integrated, Load Balance, Lightning Protection
1	<b>Non-Specified Item - TBD Existing Projector</b> [OFE] - Existing Projector
1	<b>Global Cache IP2SL-P</b> iTach TCP/IP to Serial (RS232) With Power Over Ethernet
1	<b>Non-Specified Item - TBD Existing Screen</b> [OFE] - Existing Screen
1	<b>QSC CORE 24f</b> Unified Core with 24 Local Audio I/O Channels, 160x160 Network I/O Channels, Dual LAN & AUX Ports, POTS and VoIP Telephony, 8x8 GPIO, 24 AEC Ch. @ 200 ms, OLED Screen, Includes Scripting/UCI functionality.1RU.
1	<b>QSC TSC-70-G3</b> Q-SYS 7" PoE Touch Screen Controller for In-Wall Mounting. Includes 1 LAN Port and Aux Power Input, Available in Black Only.
1	<b>FSR WB-TSC-SM-7</b> Locking Surface Mount Wall Box with Window (QSC 7" Touch Panels)
1	<b>Visionary Solutions D4100</b> A/V Decoder, 4K UHD Over IP Cinema Quality Ultra-Low Latency Visually Lossless Switch Matrix Routable, with Built-In Video Wall Functionality; POE

**Orchestra Room**

- 1 **Global Cache IP2CC-P**  
 iTach TCP/IP to Contact Closure Converter with Power Over Ethernet - Connects Relay Devices to a Wired Connection, 3 Integrated Contact Closure Relays w/ Transient Voltage Suppression, Includes Power Supply

Qty	Description
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**1 Netgear M4250-10G2F-PoE+**

M4250-10G2F-PoE+ (GSM4212P) — AV Line 8x1G, PoE+ Budget 125W, 2x1G and 2xSFP Managed Switch, 8 x Gigabit Ethernet PoE+, 2 x Gigabit Ethernet Network, 2 x Gigabit Ethernet Expansion Slot, 1RU

**1 COVID 1LRS-PA-001**

Single-Port Service Network Panel, w/Logo, 1RU

**1 TP Link ER605**

Wired Gigabit VPN Router, Up to 3 WAN Ethernet Ports + 1 USB WAN, SPI Firewall SMB Router, Omada SDN Integrated, Load Balance, Lightning Protection

**1 Non-Specified Item - TBD Existing Projector**

[OFE] - Existing Projector

**1 Global Cache IP2SL-P**

iTach TCP/IP to Serial (RS232) With Power Over Ethernet

**1 Non-Specified Item - TBD Existing Screen**

[OFE] - Existing Screen

**1 QSC CORE 24f**

Unified Core with 24 Local Audio I/O Channels, 160x160 Network I/O Channels, Dual LAN & AUX Ports, POTS and VoIP Telephony, 8x8 GPIO, 24 AEC Ch. @ 200 ms, OLED Screen, Includes Scripting/UCI functionality.1RU.

**1 QSC TSC-70-G3**

Q-SYS 7" PoE Touch Screen Controller for In-Wall Mounting. Includes 1 LAN Port and Aux Power Input, Available in Black Only.

**1 FSR WB-TSC-SM-7**

Locking Surface Mount Wall Box with Window (QSC 7" Touch Panels)

**1 Visionary Solutions D4100**

A/V Decoder, 4K UHD Over IP Cinema Quality Ultra-Low Latency Visually Lossless Switch Matrix Routable, with Built-In Video Wall Functionality; POE

**Lobby**

**2 Global Cache IP2SL-P**

iTach TCP/IP to Serial (RS232) With Power Over Ethernet

**2 Non-Specified Item - TBD Existing Display**

[OFE] - Existing Display

Qty	Description
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**2 Visionary Solutions D4100**

A/V Decoder, 4K UHD Over IP Cinema Quality Ultra-Low Latency Visually Lossless Switch Matrix Routable, with Built-In Video Wall Functionality; POE

**Stage**

**1 Allen-Heath AH-AB-168-RK19**

Optional Rack Mount Kit for AB-168, DX-168, DT-168

**1 Allen-Heath AH-DX168**

16 x 8 Audio Expander w/ dLive 96kHz Mic Preamps, 96kHz/48kHz

**2 Non-Specified Item - TBD Existing Wired Microphone Input Jack**

[OFE] - Existing Wired Microphone Input Jack

**1 Performance Audio Existing HDMI Input**

[OFE] - Existing HDMI Input

**1 QSC TSC-70-G3**

Q-SYS 7" PoE Touch Screen Controller for In-Wall Mounting. Includes 1 LAN Port and Aux Power Input, Available in Black Only.

**1 FSR WB-TSC-SM-7**

Locking Surface Mount Wall Box with Window (QSC 7" Touch Panels)

**1 Visionary Solutions E4100**

A/V Encoder, 4K UHD Over IP Cinema Quality Ultra-Low Latency Visually Lossless Switch Matrix Routable, with Built-In Video Wall Functionality; POE

**1 Visionary Solutions AVIP-Rackmount-3**

Rackmount Kit for up to 3 PacketAV Encoders and/or Decoders Horizontally in 1RU

**FOH Booth**

**3 Allen-Heath AH-DX88-P-RK19**

Rack Mount kit for DX88-P

**1 Allen-Heath AH-DX-HUB**

4 DX Link Port Hub, Each Hub Carrying 32 x 32 Ch. of 96KHz Audio, Connect up to (8) DX Expander Units, Works with dLive, Avantis, SQ and AHM Series Consoles

**1 Allen-Heath Avantis**

96kHz FPGA processing, 64 Input Channels, 24 Faders / 6 Layers, 42 Mix busses, Dual 15.6" Touch Panels

Qty	Description
3	<b>Allen-Heath DX88-P</b> 8in x 8out I/O with Phoenix Connectors
1	<b>Allen-Heath Existing - DX88-P</b> [OFE] - Existing - 8in x 8out I/O with Phoenix Connectors
1	<b>Allen-Heath Existing DX88-P</b> [OFE] - Existing - 8in x 8out I/O with Phoenix Connectors
1	<b>Apple Owner Furnished APPLE TV HD 32GB</b> [OFE] - Owner Furnished APPLE TV HD 32GB
1	<b>Performance Audio Existing HDMI Input</b> [OFE] - Existing HDMI Input
1	<b>QSC TSC-70-G3</b> Q-SYS 7" PoE Touch Screen Controller for In-Wall Mounting. Includes 1 LAN Port and Aux Power Input, Available in Black Only.
1	<b>QSC TSC-710t-G3</b> Table Top Mounting Accessory for TSC-70W-G3 and TSC-101W-G3, Supports Landscape Orientation Only, Available in Black Only.
1	<b>Visionary Solutions E4100</b> A/V Encoder, 4K UHD Over IP Cinema Quality Ultra-Low Latency Visually Lossless Switch Matrix Routable, with Built-In Video Wall Functionality; POE
1	<b>Visionary Solutions AVIP-Rackmount-3</b> Rackmount Kit for up to 3 PacketAV Encoders and/or Decoders Horizontally in 1RU
1	<b>Visionary Solutions E4100</b> A/V Encoder, 4K UHD Over IP Cinema Quality Ultra-Low Latency Visually Lossless Switch Matrix Routable, with Built-In Video Wall Functionality; POE
<b>Wire</b>	
4000	<b>Pro Grade Cat 6</b> Cat 6 cable. 4 pair of 23 AWG.
1000	<b>Pro Grade Mic Wire</b> 2 Conductor, 22 AWG mic wire.
<b>Labor</b>	

Qty	Description
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**10 Day Rate Labor Package (State Contract)**

Labor Package with Programming and Installation broken out to equal PA day rate as per State Contract

**Performance Audio Day Rate Installation (State Contract)**

**Performance Audio Day Rate Programming (State Contract)**

**Project Management**

*Includes man lift rental, freight, miscellaneous lot hardware items, labor for project management and coordination, etc.*

**1 Design-Build Project - Design, Commissioning, and Coordination**

**Main Room**

**1 Global Cache IP2CC-P**

iTach TCP/IP to Contact Closure Converter with Power Over Ethernet - Connects Relay Devices to a Wired Connection, 3 Integrated Contact Closure Relays w/ Transient Voltage Suppression, Includes Power Supply

**1 Global Cache IP2SL-P**

iTach TCP/IP to Serial (RS232) With Power Over Ethernet

**1 Non-Specified Item - TBD Existing Projection Screens - Surface Mount**

[OFE] - Existing Projection Screens - Surface Mount

**1 Non-Specified Item - TBD Existing Projector**

[OFE] - Existing Projector

**1 Pro Grade 1/8" to Dual RCA Cable 6 ft**

iPod to RCA Cable

**1 QSC NC-12x80**

12x Optical Zoom 80° Horizontal Field of View, PTZ Network Camera, PoE, with HDMI and SDI Output. Includes PTZ-WMB1 Wall Mount Bracket

**1 Visionary Solutions D4100**

A/V Decoder, 4K UHD Over IP Cinema Quality Ultra-Low Latency Visually Lossless Switch Matrix Routable, with Built-In Video Wall Functionality; POE

**1 Visionary Solutions AVIP-Rackmount-3**

Rackmount Kit for up to 3 PacketAV Encoders and/or Decoders Horizontally in 1RU

**Qty**      **Description**

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AV System Equipment Sub Total:      \$76,510.67

AV System Labor Sub Total:      \$28,632.76

**AV System Sub Total:      \$105,143.43**

Grand Total on Page 14



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**Business Administrator: Appointment, Term of Office, and Interim Appointment  
Policy Series: 1000 Board of Education**

**Policy No. 1520**

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**Appointment**

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The Board shall appoint a Business Administrator.

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**Term of office**

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The Business Administrator's term of office is for two years and until a successor is appointed and qualified. ~~On or after May 8, 2012, The Board may not enter into an employment contract that contains an automatic renewal provision with the Business Administrator.~~

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**No Business Administrator Appointments During Interim Vacancy Period**

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As used in this policy, "interim vacancy period" means the period of time that:

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1. begins on the day on which a general election is held to elect a member of the Board;  
and

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2. ends on the day on which the member-elect begins.

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~~The Board may not appoint a business administrator during an interim vacancy period. However, the Board may appoint an interim business administrator during an interim vacancy period; and the interim business administrator's term shall expire once a new business administrator is appointed by the new Board after the interim vacancy period has ended.~~

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During an interim vacancy period — such as the time between a school board election and when new board members take office — the current board may not hire or appoint a **permanent business administrator**.

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However, to ensure district operations continue smoothly, the board **may appoint an interim business administrator** to serve temporarily during this period. The interim business

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41 administrator's appointment will automatically end once the newly seated board appoints a  
42 permanent business administrator.

43

44 ~~The interim business administrator requirement does not apply if all the Board members who~~  
45 ~~held office on the day of the general election whose term of office was vacant for the election~~  
46 ~~are reelected to the Board for the following term.~~

47

48 The requirement for an interim business administrator does not apply if a quorum of 4 or more  
49 board members will remain on the board or are re-elected for the next term.

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## 52 **Interim appointment**

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54 If it becomes necessary to appoint an interim business administrator due to a vacancy in the  
55 office of business administrator, then the Board shall make an appointment during a public  
56 meeting for an indefinite term not to exceed one year, which term shall end upon the  
57 appointment and qualification of a new Business Administrator.

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## 60 **Legal References**

61

62 [Utah Code § 53G-4-302\(1\) \(2018\)](#)

63 [Utah Code § 53G-4-302\(2\) \(2018\)](#)

64 [Utah Code § 53G-4-302\(3\), \(5\) \(2018\)](#)

65 [Utah Code § 53G-4-302\(3\) \(2018\)](#)

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68 **Board Approved:** August 13, 2013

69 Revised:

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**Business Administrator Qualifications and Responsibilities**  
**Policy Series: 1000 Board of Education**

**Policy No. 1523**

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**Oath of Office**

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The Business Administrator qualifies for office by taking **and signing** the constitutional oath of office:

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“I do solemnly swear (or affirm) that I will support, obey and defend the Constitution of the United States and the Constitution of Utah, and that I will discharge the duties of my office with fidelity.”

13

**After the Business Administrator has taken and signed the oath of office, the oath shall be filed with the Business Administrator.**

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**General Responsibilities**

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Working under the direction of the Board of Education and the Superintendent, the Business Administrator shall:

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1. Have custody of the Board’s seal and use the seal to authenticate all matters requiring authentication.
2. Attend all meetings of the Board, keep accurate records of its proceedings as required by law, subject to requirements that certain closed meetings not be recorded, as set forth in [Policy 1402](#), and have custody of the records of the Board;
3. Be custodian of all District funds, be responsible and accountable for all money received and disbursed, keep accurate records for all revenues received and their sources;
4. Countersign with the President of the Board all warrants and claims against the District as well as other legal documents approved by the Board;
5. Prepare and submit to the Board each month a written report of the District’s receipts and expenditures;
6. Use uniform budgeting, accounting, and auditing procedures in forms approved by the State Board of Education, which shall be in accordance with the generally accepted

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- 41 accounting principles or auditing standards [and with Title 63J, Chapter 1, Utah](#)  
42 [Budgetary Procedures Act](#);
- 43 7. Prepare and submit to the Board a detailed annual statement for the period ending June
  - 44 30, of the revenue and expenditures, including beginning and ending fund balances;
  - 45 8. Assist the Superintendent in the preparation and submission of budget documents and
  - 46 statistical and fiscal reports required by the law or the State Board of Education;
  - 47 9. **Ensure** that adequate internal controls are in place to safeguard the District's funds; and
  - 48 10. Perform other duties as assigned by the Board and Superintendent.

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51 **Legal References:**

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53 [Utah Code § 53G-4-302\(4\) \(2018\)](#)

54 [Article IV, Section X, Utah State Constitution](#)

55 [Utah Code § 52-1-6 \(2025\)](#)

56 [Utah Code § 53G-4-401\(3\) \(2019\)](#)

57 [Utah Code § 53G-4-303 \(2019\)](#)

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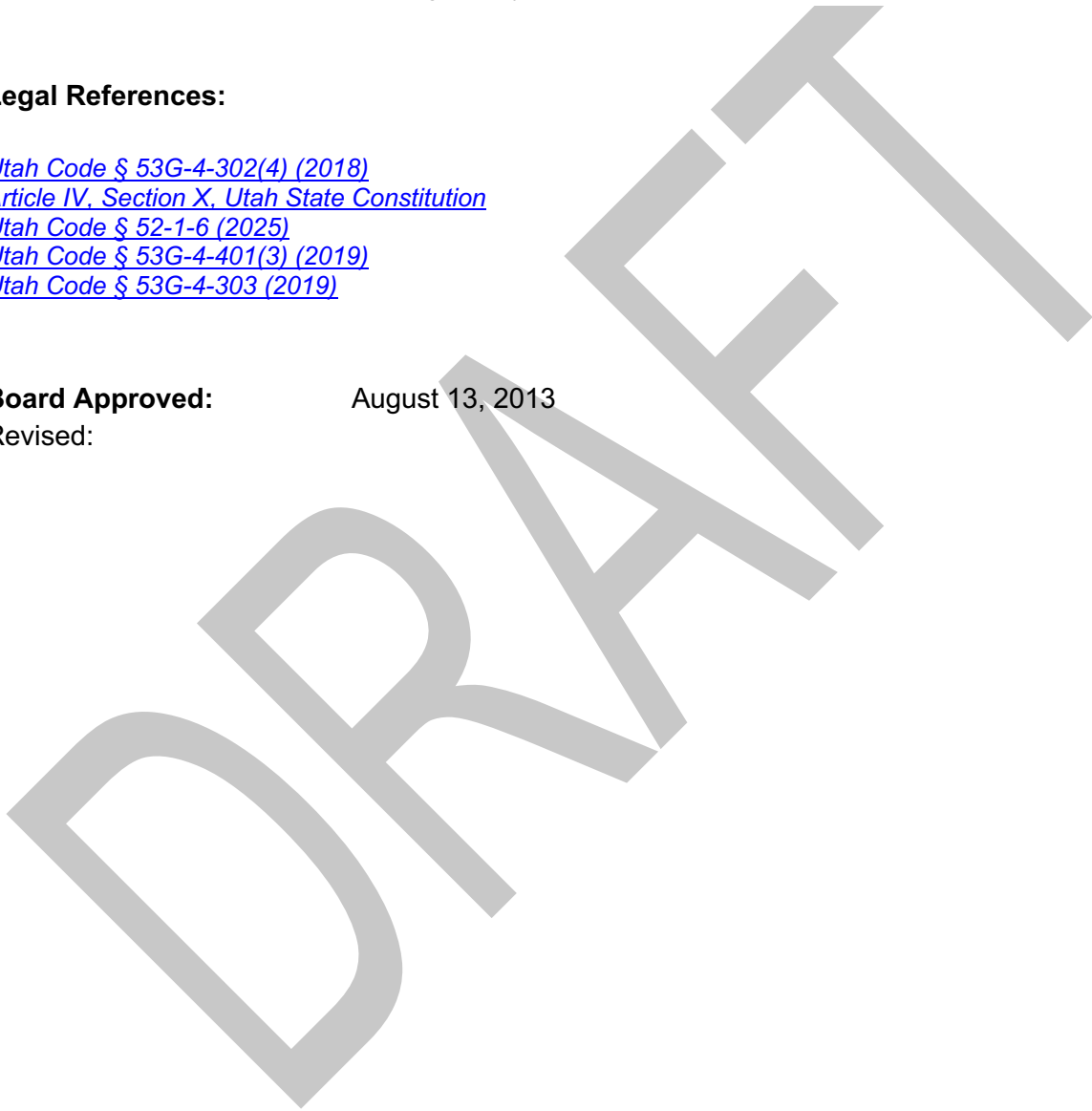
60 **Board Approved:**

August 13, 2013

61 Revised:

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**Administrative Personnel: Administrative Appointments  
Policy Series: 1000 Board of Education**

**Policy No. 1540**

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**Administrative appointment**

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All administrators of the District will be appointed by the Board only upon the recommendation of the Superintendent. Should a person nominated by the Superintendent be rejected by the Board, it shall be the Superintendent's duty to make another nomination.

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~~In determining which individual to recommend for school administrative position, the Superintendent will consider the advice of an Administrative Recommendation Committee appointed by the Board, which will consist of two board members, one Principal, two teachers and two patrons. Where the administrator will be assigned to work at a specific building, the Superintendent will also consider the advice of the building Principal.~~

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At least once a year, Provo City School District will open administrative positions for applicants to seek entry into the candidate pool. Applicants will complete the following:

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1. Online application, which may include a resume and letter of intent;
2. Proof of administrative licensure;
3. List of references and/or letters of recommendation.

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Once the application window has closed, the applications will be screened by a committee of district leaders. District leaders will not see the names of the candidates as the applications are screened, and an approved rubric will be utilized to score the applicants. Those candidates who reach a determined cut score will then be invited for an interview.

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The interview process for applicants seeking entry into the candidate pool will be as follows:

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1. The Superintendent or Designee will form an Administrative Recommendation Committee that consists of one or two board members, Cabinet members, Human Resources Director or Assistant Director, at least one current principal, at least one current teacher or a representative from the teacher's predominant association, and at least one parent. Best practice would include individuals from all parts of the district to ensure multiple perspectives are represented in the interview process. It is important to

41 note that this committee is a recommendation committee only, and the final  
42 recommendation will come from the Superintendent as they consult with the Board of  
43 Education.

- 44 2. Interviews will be conducted the same for each candidate, with the same questions and  
45 rubric applied to each candidate.

46  
47 Once the interview process has concluded, the Superintendent will collaborate with Cabinet to  
48 tabulate the screening score from the applications, the interview score, and references from the  
49 candidates' current or most recent supervisors. If a candidate achieves a minimum cut score,  
50 they will be placed into the administrative candidate pool.

51  
52 When a position at a specific school becomes available, the Superintendent will work with the  
53 Cabinet to determine the best fit for each administrative assignment. A follow-up interview with  
54 the Superintendent or designee and the proposed candidate may be required to determine the  
55 best placement for the candidate. From there, the Superintendent will consult with the Board of  
56 Education to discuss potential placements of candidates.

57  
58 If for any reason, there are no candidates available in the pool or there are no candidates who  
59 have reached the minimum score and qualifications, a singular position may be posted for a  
60 specific administrative assignment. The above steps for entry into the candidate pool will be  
61 applied in this instance, although it is possible that with the time constraints, a large  
62 administrative recommendation committee may not be assembled. In this case, attempts will be  
63 made to ensure that stakeholders' voices are considered in the decision-making process.

#### 64 65 66 **Criteria**

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68 Selection shall be based on written criteria which relate to the position requirements. The  
69 selection process shall be uniform, with all applicants undergoing the same process. All  
70 applicants shall be fully informed of the criteria and procedures associated with the selection  
71 process prior to an interview or at the beginning of the interview.

#### 72 73 74 **Certification**

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76 All personnel selected must be appropriately licensed by the State Board of Education to serve  
77 in an administrative position requiring licensure before they can receive any salary from the  
78 District.

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80 An administrator who is assigned as a principal, vice principal, or assistant principal must have  
81 a current educator license and a school leadership license area of concentration.

#### 82 83 84 **Legal References:**

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[Utah Admin. Rules R277-309-4\(15\) \(August 22, 2022\)](#)

[Utah Admin. Rules R277-305-2\(2\) \(May 8, 2024\)](#)

**Board Approved:** August 13, 2013

Revised:

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**Administrative Personnel: Duties of Principals**  
**Policy Series: 1000 Board of Education**

**Policy No. 1543**

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**Purpose:**

The Board of Education and Superintendent appoint principals to carry out the instructional priorities of the district at the school level. The principal acts on behalf of district leadership and the Board of Education in their respective school. This policy provides an overview of the duties of the principal, although it is not an all-encompassing list of their responsibilities.

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School Principals shall:

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1. Provide primary educational leadership in the school to which they are assigned. As chief administrative officer of the school and supervisor of its instructional program, the Principal shall provide the leadership in creating an environment conducive to skillful creative teaching and optimum learning. In recognition of the value of the team approach, supervision should be identified through encouragement and support of the instructional program allowing opportunity for teacher growth and development.
2. Be the administrative authority in the school within the limits of the law, Board regulations and instructions from the Superintendent.
3. Inform the staff of school regulations as they are enacted by the Board of Education.
4. Keep the Superintendent, appropriate assistant administrators and other administrative officers fully advised as to the conditions and needs of the school.
5. Make regular and thorough inspections accounting for school properties, and be responsible to the Superintendent for these properties.
6. Assist curriculum personnel in appraising, developing and evaluating the school curriculum and in planning, adapting and scheduling the courses of study for the students.

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7. Take all reasonable precautions to safeguard the staff and the students in the school during school hours. Provide for the safety and care of children in case of fire, storm, or other sudden danger to the school plant and see that the students and teachers are adequately trained to carry out such plans during these occurrences. [Ensure that building entrances are secured or monitored twenty minutes before the start of school and ten minutes after the dismissal of school.](#)
8. In the best interests of the students and staff, organize the resources of the school to provide supervision of playground activities ~~30 minutes~~ [20 minutes](#) prior to school, during school, and until the last bus leaves after school, and supervise the lunch room program and the noon hour.
9. Oversee discipline procedures used and report to the Superintendent or the delegated authority any irregular types of punishment prohibited by Board policy.
10. Make recommendations for teacher dismissal within the school.
11. As required, evaluate and report the efficiency of each member of the instructional staff in the school in accordance with an established plan of teacher evaluation.
12. Assist in the development of the school budget and keep such business records and execute such business forms as may be required. [\(See Policy 6210.\)](#)
13. Order approved supplies, textbooks, equipment, and all materials necessary to the operation of the school.
14. Administer a system of accounting of all monies from student activities, cafeterias, student fees or fines, entertainments, gifts, and approved parent and student groups within the school. This accounting shall be in accord with a central plan of accounts and carried out under the supervision of the Superintendent or the delegated authority. Report immediately, in full and in writing, to the administrative offices any infringement of accounting and purchasing laws, rules, and policies. [\(See Policy 6210.\)](#)
15. Report immediately, in full and in writing, to the administrative offices any infringement of district property rights within the school or any injury to any pupil or member of the staff that may occur at a time or place wherein the rights or responsibilities of the schools may be involved.
16. Process complaints concerning the school, investigate these complaints and refer to the direct supervisor cases that the Principal cannot adjust satisfactorily.

- 83 17. Direct and supervise the professional, ~~classified~~ education support and hourly  
84 instructional staff working within the school building and provide annual evaluations for  
85 each member.  
86
- 87 18. Be responsible for good public relations with community groups, including the parent-  
88 teacher organization and other organizations and for using community and professional  
89 resources to enrich the learning program.  
90
- 91 19. Report to the appropriate administrator any need for extended absence from school and  
92 the name of the person appointed to act in the absence of the Principal.  
93
- 94 20. Perform other duties as may be assigned by the Superintendent or designated  
95 administrator of Schools.  
96
- 97 21. In accordance with policies, rules and regulations adopted by the Board, be responsible  
98 for the detailed organization of the program of the school, for the assignment of duties to  
99 staff members and for the administration of the instructional program for the regular  
100 school year and during the extended summer program.  
101
- 102 22. Be responsible for the maintenance and repair of the school building.  
103 a. Report all emergencies to the Superintendent or the administrator for operations.  
104 b. Be responsible for the safety of the physical facilities.  
105 c. Conduct, in the presence of the custodian, a monthly building inspection. The  
106 inspection report, detailing all needed repairs, shall be submitted to the  
107 administrator of operations in a timely manner.  
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- 109 23. Provide all new employees with sufficient information for them to complete their jobs.  
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112 **Board Approved:**

August 13, 2013

113 Revised:  
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**District Annual Reports**  
**Policy Series: 1000 Board of Education**

**Policy No. 1620**

**Fiscal year**

The District's fiscal year begins on July 1 and ends on June 30.

**Annual Fiscal Audit and Report**

The District's accounts shall be audited annually at District expense by an independent auditor who is a competent, certified public accountant. The audit shall be conducted in conformance with the requirements of [Utah Code § 51-2a-102\(2\)](#), and an audit report will be prepared according to the requirements of [Utah Code § 51-2a-102\(3\)](#). ~~Utah Code. The subsequent audit report will also be prepared according to the requirements of Utah Code.~~ The District shall use fund and program accounting methods and standardized account codes capable of producing financial reports that comply with generally accepted accounting principles, financial reporting requirements established by the State Board of Education under [Utah Code § 53E-3-501](#), and accounting standards established by the state auditor as described in [Utah Code § 51-2a-301](#).

Copies of the audit report shall be submitted as follows:

1. A copy of the audit report shall be submitted to the Board of Education in October each year.
2. ~~The expenditures for the prior fiscal year shall be submitted to the State Superintendent of Public Education by October 1.~~
3. After any necessary audit adjustments are made to the audit report and verified by the auditor or auditors, the completed audit report shall be delivered to the ~~State Office of Education in accordance with established deadlines.~~ [State Superintendent of Public Education by November 30.](#)
4. A copy of the completed audit report and financial certification shall be filed with the ~~Auditor General's office~~ [State Auditor no later than December 31.](#) ~~in accordance with established deadlines~~

41 The Board of Education has established a separate District Audit Committee comprised of no  
42 more than three board members, the Superintendent, and the Business Administrator. ~~is the~~  
43 ~~District Audit Committee unless the board establishes a separate District Audit Committee by~~  
44 ~~majority vote.~~ Additional District Audit Committee members may be appointed by members of  
45 the District Audit Committee as needed according to [Policy 6060](#).

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#### 48 **Other statistical and financial reports**

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50 The District shall forward statistical and financial reports for the preceding school year,  
51 containing items required by law or by the State Board of Education, to the State  
52 Superintendent at the times and in the forms and containing the information required by the  
53 State Board of Education.

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55

#### 56 **Annual Letter of Assurances**

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58 Unless authorization for later submission has been obtained from the State Office of Education,  
59 ~~by October 1 of each year,~~ [by July 1 of each year](#), the Board shall send the State  
60 Superintendent of Public Education [the Board's responses to the assurance document and](#)  
61 [other compliance forms.](#) The Board's assurance document shall contain a signed attestation by  
62 [the appropriate authority attesting to the accuracy and validity of all responses and assurances](#)  
63 [provided by the District.](#) ~~the letter containing the assurances required by the State Office of~~  
64 ~~Education regulations.~~

65

66

#### 67 **Legal References:**

68 [Utah Code § 53G-4-403\(1\) \(2019\)](#)

69 [Utah Code § 51-2a-102 \(2023\)](#)

70 [Utah Code § 51-2a-201\(1\) \(2017\)](#)

71 [Utah Code § 51-2a-202 \(2019\)](#)

72 [Utah Code § 53G-4-404 \(2020\)](#)

73 [Utah Code § 53G-4-403 \(2019\)](#)

74 [Utah Code § 53G-4-404 \(2019\)](#)

75 [Utah Admin. Rules R277-484-1 \(August 7, 2024\)](#)

76 [Utah Admin. Rules R277-484-3 \(August 7, 2024\)](#)

77 [Utah Admin. Rules R277-484-4 \(August 7, 2024\)](#)

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80 **Board Approved:** August 13, 2013

81 Revised:

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**Policy Summary of 2nd Readings  
October 28, 2025**

**Policy 1520 BA: Appointment, Term of Office, and Interim Appt.**

Update to existing policy

2nd Reading

<b>Line/Section Number</b>	<b>Summary/Question/Notes</b>
Summary	Defines how a business administrator is appointed and the guidelines for what to do when an interim business administrator must be appointed
36-42	Board cannot hire a permanent business administrator if there are lame duck members of the Board of Education (between election and taking the oath of office); Board may appoint an interim administrator, but it ends once the newly seated school board appoints a new administrator.
48-49	If at least 4 of the board members remain on the board or are re-elected for the next term, then a permanent BA may be appointed during this interim period.
Recommendation	Approve this updated policy in the business meeting

**Policy 1523: Business Administrator Qualifications and Responsibilities**

Update to existing policy

2nd Reading

<b>Line/Section Number</b>	<b>Summary/Question/Notes</b>
Summary	Business administrator will take and sign the Constitutional Oath of Office and the signed copy shall be filed with the business administrator.
41-42	Linked the specific auditing standards that the BA must follow
Recommendation	Approve this updated policy in the business meeting

## Policy 1540: Administrative Appointments

Update to existing policy

2nd reading

Line/Section Number	Summary/Question/Notes
Summary	Lines out how administrators are chosen
23-56	Clarified our administrative process with the creation of an administrative pool of candidates
58-63	Lines out our process if there are no candidates available in the administrative pool and an opening becomes available; it is important to note that candidates must meet licensing criteria and reach a specific score to be considered for an administrative position.
Note	We did not put specific dates as to when this pool would be opened; this is really outside of the purview of the Board and falls to district leadership to make this determination.
Recommendation	No additional feedback has been provided; Approve this updated policy in the business meeting

## Policy 1543: Principal Duties

Update to existing policy

2nd reading

Line/Section Number	Summary/Question/Notes
Summary	Establishes the duties of a school principal
11-15	Added the purpose for the policy; principals carry out the instructional priorities of the Board and the district at the school level and act on our behalf. Acknowledges that this is not an all-encompassing list.
37-39	Added language to align with new state school security requirements
42	Providing supervision of playground (for elementary) 20 minutes prior to school
55, 65	Linked Policy 6210 about purchasing and budgeting protocols
75	Updated the language from classified to "education support" staff to align with new legislation
Feedback	Obtained some feedback from principals who wanted to ensure that they understood that their current practice of working with their custodians was in alignment with the expectations listed in lines 102-107.
Additional Info	It was asked if we needed policies for assistant principals, etc. It was recommended by district leadership and by the policy committee that we not do this or we will begin including all job descriptions in policy. We do have job descriptions, but they should not be part of policy. The reason for the principals' duties being listed is stated in the purpose in lines 11-15.
Recommendation	Approve this updated policy in the business meeting

## Policy 1620: District Annual Reports

Update to existing policy

2nd reading

<b>Line/Section Number</b>	<b>Summary/Question/Notes</b>
Summary	Lays out requirements and deadlines for our annual fiscal reports
21-26	Updates language to align with state code, and we have linked state code into the policy
31-32	Updated language that we submit expenditures to the State Superintendent by October 1st
33-36	Audit report goes to the State Superintendent by November 30th
37-39	Audit report and financial certification are filed by State Auditor by December 31st
41-45	Updates language about our separate District Audit Committee and referenced our current policy.
58-63	Submit a letter of assurances to the State Superintendent by July 1st
Recommendation	Put on the website for feedback; bring back for a second reading in November

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**Employee Suggestions to the Board of Education  
Policy Series: 1000 Board of Education**

**Policy No. 1550**

**Purpose**

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The Board hereby adopts and implements a program that provides District employees an opportunity to make anonymous suggestions to the Board to improve and promote education within the District.

**Log of Suggestions**

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A log shall be created of all written suggestions submitted to the Board at the District office.

**Status of Recommendation**

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The Board hereby classifies all entries into the employee suggestion log as "public" documents.

**Confidential Information**

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Log entries alleging inappropriate behavior by individuals shall not provide personally identifiable information. Any suggestion containing personally identifiable information is hereby identified as "private".

**Board Action**

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As a part of each regularly scheduled Board meeting, the Board shall receive a copy of the current log and may take appropriate action, if any, with respect to the suggestions.

**Board Approved:**

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**Submitting Employee Suggestions**  
**Policy Series: 1000 Board of Education**

**Policy No. 1550**  
**Procedure 1**

**Submitting Suggestions**

Employees wishing to submit suggestions, concerns, or questions may do so one of two ways:

1. Complete the online employee suggestion form.
2. Email individual board members from the [board member web page](#) or email the entire board at [boardofeducation@provo.edu](mailto:boardofeducation@provo.edu)

Email addresses of complainants will not be collected through the online employee suggestion form. However, some suggestions and investigations may require more information if the complainant is willing to provide their contact information for follow-up.

**Creating a Log of Suggestions**

Board members will update a google doc log of suggestions as they receive them. Suggestions sent to the entire Board of Education will be entered by either the Board President or Vice-President. For suggestions sent through the online employee suggestion form, the Director of Communications or their designee will add these suggestions to the log. [If an employee submits their suggestion through email with their personally identifiable information, this would information would be excluded from the log that becomes part of the Board's public record.](#)

The Executive Assistant to the Board of Education and Superintendent will provide a copy of the log, omitting any confidential information, as part of the consent calendar for public board meetings. This log of suggestions, concerns, or questions will become part of the Board's public record and will be subject to GRAMA requests and review.

**Further Board Action**

If a Board member believes that one of these suggestions or questions needs to be addressed by the whole board in a public meeting, the board member will add this item to the agenda planning/suggestion document. If at least three board members total feel that it warrants being addressed by the Board, it will be added to the board agenda for a future meeting.

43  
44 Board leadership may also determine that the suggestion or concern needs to be referred to the  
45 Superintendent for further action.  
46

47 **Public Education Referral Hotline**

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49 If an employee believes that a violation of policy or law or ethics has occurred, they may also  
50 log their complaint and all pertinent information to the [Utah State Board of Education Public](#)  
51 [Education Hotline Referral](#). Follow instructions on this website to allow for a submission via an  
52 online form, via email, or mail.  
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54 **Board Approved:**  
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**Public Notice Requirements of Board Meetings**  
**Policy Series: 1000 Board of Education**

**Policy No. 1410**

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**Purpose**

The purpose of this policy is to delineate requirements for public meeting notice which apply to all board meetings. Public hearings require additional information and notices with specific processes that must be followed and can be found in the accompanying procedures to this policy.

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**Public notice of annual meeting schedule**

At least once each year, the Board shall give public notice of its annual meeting schedule. The notice shall specify date, time and place of such meetings.

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**Notice of specific meetings**

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1. Minimum twenty-four (24) hour notice: The Board shall provide public notice of each meeting at least 24 hours in advance of each meeting; such notice shall include the agenda, date, time and place of the meeting.
2. Methods of ~~Providing Public Notice~~ **giving notice of meeting**: Public notice of each Board meeting and of the Board's annual meeting schedule shall be given by ~~by~~ **for at least 24 hours by:**
  - a. Posting written notice at the local Board of Education office;
  - b. Posting notice on the Utah Public Notice Website; and,
  - c. **Posting notice on the District's website at least 24 hours in advance of the meeting.**
  - d. **Notice of each Board meeting shall also be given to each interested mayor or interested county executive (or their designee). An "interested mayor" is the mayor of a municipality that is partly or entirely within the boundaries of the school district. An "interested county executive" is the county executive or county manager of a county with unincorporated area within the boundaries of the school district. This notice shall be provided by mail, email, or other effective**

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41 means agreed to by the person to receive notice. Providing notice to at least one  
42 newspaper of general circulation within the geographic jurisdiction of the public  
43 body or to a local media correspondent. (Notice to such a newspaper or local  
44 media correspondent sent pursuant to a subscription made through the Utah  
45 Public Notice Website satisfies this requirement if the notice has been timely  
46 sent.

47 a. ~~The District shall also endeavor to post notice of Board meetings on the~~  
48 ~~District's web site at least 24 hours in advance of the meeting.~~

49 b. ~~Notice of each Board meeting shall also be given to the following~~  
50 ~~officials (or their designee) for municipalities or counties that are partly~~  
51 ~~or entirely within the boundaries of the District: the mayor, county~~  
52 ~~commission chair, county executive, or county manager. **This notice**~~  
53 ~~**shall be provided by mail, email, or other effective means agreed**~~  
54 ~~**to by the person to receive notice.**~~  
55

#### 56 **Action limited to meeting agenda**

57  
58 Where a meeting agenda must be included in the required public notice of a Board meeting (as  
59 stated in the paragraph above), that agenda shall be sufficiently specific to notify the public of  
60 the topics to be considered at the Board meeting. To be sufficiently specific, the agenda shall at  
61 least list each anticipated topic under an agenda item in a manner which identifies the subject of  
62 discussion and if known the nature of the Board action being considered on the subject. The  
63 Board may not consider a topic in an open meeting which was not listed under an agenda item  
64 and included with the advance public notice of the meeting, except that if an unlisted topic is  
65 raised by the public during an open meeting, the Board may at the discretion of the presiding  
66 Board member discuss the topic but may not take any final action on that topic during the  
67 meeting. This limitation may not apply to an emergency meeting where the requirements for  
68 holding and giving the best practicable notice of such a meeting have been met. (See  
69 "Emergency Meeting" below.)  
70

71 ~~When the Board is meeting to conduct a public hearing with respect to adopting the budget or~~  
72 ~~levying a tax rate which exceeds the certified tax rate, the Board's agenda must be limited to the~~  
73 ~~hearing(s) and discussion and action on those items. (If the Board holds another meeting on the~~  
74 ~~same date to address general business items, the other meeting must conclude before the~~  
75 ~~meeting on the budget and/or tax rate levy.) The meeting must also be available for individuals~~  
76 ~~to attend or participate either in person or remotely through electronic means.~~  
77

#### 78 79 **Emergency meeting**

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81 In case of emergency or urgent public necessity which renders it impractical to give the notice  
82 identified in the paragraphs above, the best notice practicable shall be given of the time and  
83 place of the meeting and of the topics to be considered at the meeting. No such emergency

84 meeting of the Board shall be held unless an attempt has been made to notify all of its members  
85 and a majority of the members vote in the affirmative to hold the meeting.

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88 **Annual budget meeting notice**

89  
90 In addition to complying with the aforementioned public notice requirements, in regards to the  
91 budget hearing, the Board shall do the following:

- 92  
93 1. Publish the required newspaper advertisement and/or electronic newspaper  
94 advertisement (see [Utah Code § 45-1-101 \(2023\)](#) and the required Utah Public Notice  
95 Website advertisement at least ten days before the day on which the hearing is held.  
96 a. The public hearing notice will include information on how the public may access  
97 the proposed budget.  
98 2. File a copy of the proposed budget with the Board's business administrator for public  
99 inspection; and  
100 3. Post a copy of the proposed budget on the District's Internet website.  
101 4. In addition, if the proposed budget includes a tax rate in excess of the certified tax rate,  
102 or if the Board meeting is required to consider whether to adopt a tax rate in excess of  
103 the certified tax rate, the Board shall provide the notices and schedule the meeting as  
104 required by [Utah Code § 59-2-919](#).

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109 **Legal References:**

110 [Utah Code § 52-4-202\(2\) \(2023\)](#)  
111 [Utah Code § 52-4-202\(3\), \(4\) \(2023\)](#)  
112 [Utah Code § 63G-30-102\(1\) \(2023\)](#)  
113 [Utah Code § 53G-7-208\(3\)\(e\) \(2019\)](#)  
114 [Utah Code § 52-4-202\(6\) \(2023\)](#)  
115 [Utah Code § 59-2-919\(8\)\(b\)\(i\), \(e\) \(2025\)](#)  
116 [Utah Code § 52-4-202\(5\) \(2023\)](#)  
117 [Utah Code § 53G-7-303\(3\) \(2019\)](#)  
118 [Utah Code § 53F-8-201\(3\) \(2019\)](#)  
119 [Utah Code § 59-2-919 \(2024\)](#)  
120 [Utah Code § 59-1-1604\(6\) \(2016\)](#)  
121 [Utah Code § 59-1-1605 \(2016\)](#)  
122 [Utah Code § 59-1-1605\(3\)\(b\) \(2016\)](#)  
123 [Utah Code § 11-14-318 \(2023\)](#)  
124 [Utah Code § 63G-30-102\(1\) \(2023\)](#)  
125 [Utah Code § 11-14-103\(6\) \(2024\)](#)  
126 [Utah Code § 45-1-101 \(2023\)](#)  
127 [Utah Code § 63G-30-102\(1\) \(2023\)](#)  
128 [Utah Code § 53G-7-305\(7\)\(b\) \(2019\)](#)  
129 [Utah Code § 53G-4-402\(24\) \(2025\)](#)  
130 [Utah Code § 53G-4-204\(3\) \(2023\)](#)

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133 **Board Approved:**  
134 Revised:  
135  
136

August 13, 2013

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**Public Hearing Notice Requirements**  
**Policy Series: 1000 Board of Education**

**Policy No. 1410**  
**Procedure 1**

10

**Bond or tax increase election hearing notice**

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In addition to complying with the public notice requirements in Policy 1410, if the Board is meeting under the [Transparency of Ballot Propositions Act](#) to hear arguments for or against a ballot proposition to authorize issuance of bonds or to increase taxes, the District's election officer must post notice of the time, date, and place of the meeting (along with the arguments for and against the proposition):

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1. On the Statewide Electronic Voter Information Website for 30 consecutive days before the election on the proposition;
2. On the District's website in a prominent place for 30 consecutive days before the election on the proposition;
3. If the District publishes a newsletter or other periodical, in the next scheduled edition before the election on the proposition.
4. The meeting must begin at or after 6:00 p.m.

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**Truth in taxation hearing notice**

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In addition to complying with the public notice requirements in Policy 1410, if the Board is meeting to consider levying a tax rate that exceeds the district's current certified tax rate, then the district must:

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1. Provide notice before the district conducts the public meeting at which the district's annual budget is adopted; and
2. Conduct a public hearing before the district's annual budget is adopted.

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Before holding the public hearing, the district shall publish an advertisement regarding the proposed tax increase:

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1. Electronically in accordance with [Section 45-1-101](#); and
2. As a Class A notice under [Section 63G-30-102](#)

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The advertisement shall:

1. Be published for at least 14 days before the day on which the taxing entity conducts the public hearing; and
2. Substantially be in the following format and content:

## NOTICE OF PROPOSED TAX INCREASE

### Provo City School District

The Provo City School District is proposing to increase its property tax revenue. The Provo City School District tax on a (insert the average value of a residence in the district rounded to the nearest thousand dollars) residence would increase from \$\_\_\_\_\_ to \$\_\_\_\_\_, which is \$\_\_\_\_\_ per year.

The Provo City School District tax on a (insert the value of a business having the same value as the average value of a residence in the taxing entity) business would increase from \$\_\_\_\_\_ to \$\_\_\_\_\_, which is \$\_\_\_\_\_ per year.

If the proposed budget is approved, Provo City School District would increase its property tax budgeted revenue by \_\_\_\_\_% above last year's property tax budgeted revenue excluding eligible new growth.

The Provo City School District invites all concerned citizens to a public hearing for the purpose of hearing comments regarding the proposed tax increase and to explain the reasons for the proposed tax increase. You have the option to attend or participate in the public hearing in person or online.

### PUBLIC HEARING

Date/Time: (date) (time)  
Location: (name of meeting place and address of meeting place)  
Virtual Meeting Link: (internet address for remote participation and live streaming options)

To obtain more information regarding the tax increase, citizens may contact the Provo City School District at (phone number) or visit [provo.edu](http://provo.edu)

On or before June 1, Provo City School District shall notify the commission and the county auditor of the date, time, and place of the public hearing described above.

### **Bond issuance hearing notice**

#### **Option 1:**

In addition to complying with the public notice requirements in Policy 1410, if the Board is meeting to consider authorizing issuance of bonds under the Local Government Bonding Act, it shall publish notice of the intent to issue bonds in the newspaper and on the Utah Public Notice Website in the same manner as a meeting notice as set forth above for at least 14 days in advance of the public hearing on the bond issuance as required by [Utah Code § 11-14-318](#). The notice shall give notice state that the hearing will be held to receive input from the public

91 respecting the issuance of the bonds and the potential economic impact that the proposed  
92 improvement, facility, or property that the bonds will fund will have on the private sector.

93  
94 **Option 2:**

95 In addition to the notice requirements in Policy 1410, when the Board meets to consider  
96 authorizing the issuance of bonds under the Local Government Bonding Act, it must publish a  
97 notice of its intent to issue bonds in both a newspaper and on the Utah Public Notice Website.  
98 This notice must be posted in the same manner as a regular meeting notice and remain  
99 available for **at least 14 days** before the public hearing, as required by Utah Code § 11-14-318.  
100 The notice must state that the purpose of the hearing is to receive public comment on the  
101 proposed bond issuance and on the potential economic impact of the improvement, facility, or  
102 property that will be funded by the bonds.

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105 **Lease revenue bond notices**

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107 In addition to complying with the public notice requirements in Policy 1410, before issuing a  
108 lease revenue bond for more than \$10,000,000, the Board shall (1) make the required meeting  
109 statement, (2) publish notice of the proposed issuance of the lease revenue bond and notice of  
110 the related public hearing, and (3) hold a public hearing on the proposed issuance. The hearing  
111 shall be conducted as provided in Procedure 2 for lease revenue bonds.

112  
113 The required meeting statement must be made during a meeting at least 14 days before the  
114 public hearing and the Board's agenda must have a separate item for the Board statement. The  
115 statement must indicate the Board's intent to issue a lease revenue bond and the purpose and  
116 estimated amount of the bond.

117  
118 The notice must provide the date, time, place, and purpose of the public hearing. The notice  
119 must clearly state that the Board intends to issue a lease revenue bond, explain the purpose,  
120 proposed amount, and length of term of the bond and the annual amount that will be required to  
121 be paid in principal and interest. The notice must identify the intended lessee of the facility to be  
122 constructed using the proceeds from the bond and the expected amount of lease payments that  
123 the lessee will pay. The notice must include a statement substantially as follows: "This proposed  
124 lease revenue bond commits money from future property tax and income tax revenue allocated  
125 to the school district. Additionally, a lease revenue bond generally has a higher interest cost  
126 than a voter-approved general obligation bond." The notice shall meet the format requirements  
127 set forth in Utah Code § 11-14-103(6)(e)(iv)(A). The notice shall be published in a newspaper or  
128 newspapers of general circulation in the District once each week for the two weeks before the  
129 public hearing on the bond issuance and may not be placed in the portion of the newspaper  
130 where legal notices and classified advertisements appear. The notice shall also be published  
131 electronically on the public notice website established under Utah Code § 45-1-101 for at least  
132 two weeks before the public hearing on the bond issuance. Additionally, the notice shall be  
133 published as a class A notice for at least two weeks before the public hearing on the bond  
134 issuance (posted at the Board of Education office, posted on the Utah Public Notice Website,  
135 and posted on the District's website).

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137 **Budget appropriation increase meeting notice**

138

139 In addition to complying with the aforementioned public notice requirements, if the Board is  
140 meeting to consider a request to increase a budget appropriation, it shall publish the required  
141 newspaper notice and notice under [Utah Code § 45-1-101](#) of such meeting at least one week  
142 prior to the hearing.

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#### 145 **School closure or boundary change hearing notice**

146

147 In addition to complying with the aforementioned public notice requirements, if the Board  
148 meeting is [either to hold](#) a public hearing regarding closing one or more schools or changing the  
149 attendance area boundaries for one or more schools, [or to take such action](#), the [additional](#)  
150 [notice requirements set out in Policy 1450 must also be met](#). ~~notice of the meeting shall indicate~~  
151 ~~the school or schools under consideration for closure or boundary change and, at least ten days~~  
152 ~~prior to the meeting shall be:~~

- 153 ~~1. Published in a newspaper of general circulation in the area and on the Utah Public~~  
154 ~~Notice Website; and~~
- 155 ~~2. Posted either in at least three public locations within the municipality or~~  
156 ~~municipalities affected or on the District's official website.~~
- 157 ~~3. Sent to the Mayor and the City Council member affected.~~

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#### 160 **Board member compensation hearing notice**

161

162 [In addition to meeting the aforementioned public notice requirements, if the Board is meeting to](#)  
163 [consider adopting a new Board member compensation schedule or schedules, or to consider](#)  
164 [amending an existing compensation schedule or schedules, the notice of the meeting with](#)  
165 [public hearing shall be given for at least seven days before the meeting.](#)

166

167 ~~If the Board is meeting to consider adopting a new Board member compensation schedule or~~  
168 ~~schedules, or to consider amending an existing compensation schedule or schedules, the notice~~  
169 ~~of the meeting with public hearing shall be given at least seven days prior to the meeting by:~~

- 170 ~~1. Publishing the notice at least once in a newspaper published in the county where~~  
171 ~~the District is situated and which is also generally circulated within the District, and~~  
172 ~~publishing notice on the Utah Public Notice Website;~~
- 173 ~~2. Posting the notice:~~
  - 174 ~~○ At each school in the District~~
  - 175 ~~○ In at least three other public places within the District; and~~
  - 176 ~~○ On the Internet in a manner that is easily accessible to citizens who use~~  
177 ~~the Internet.~~

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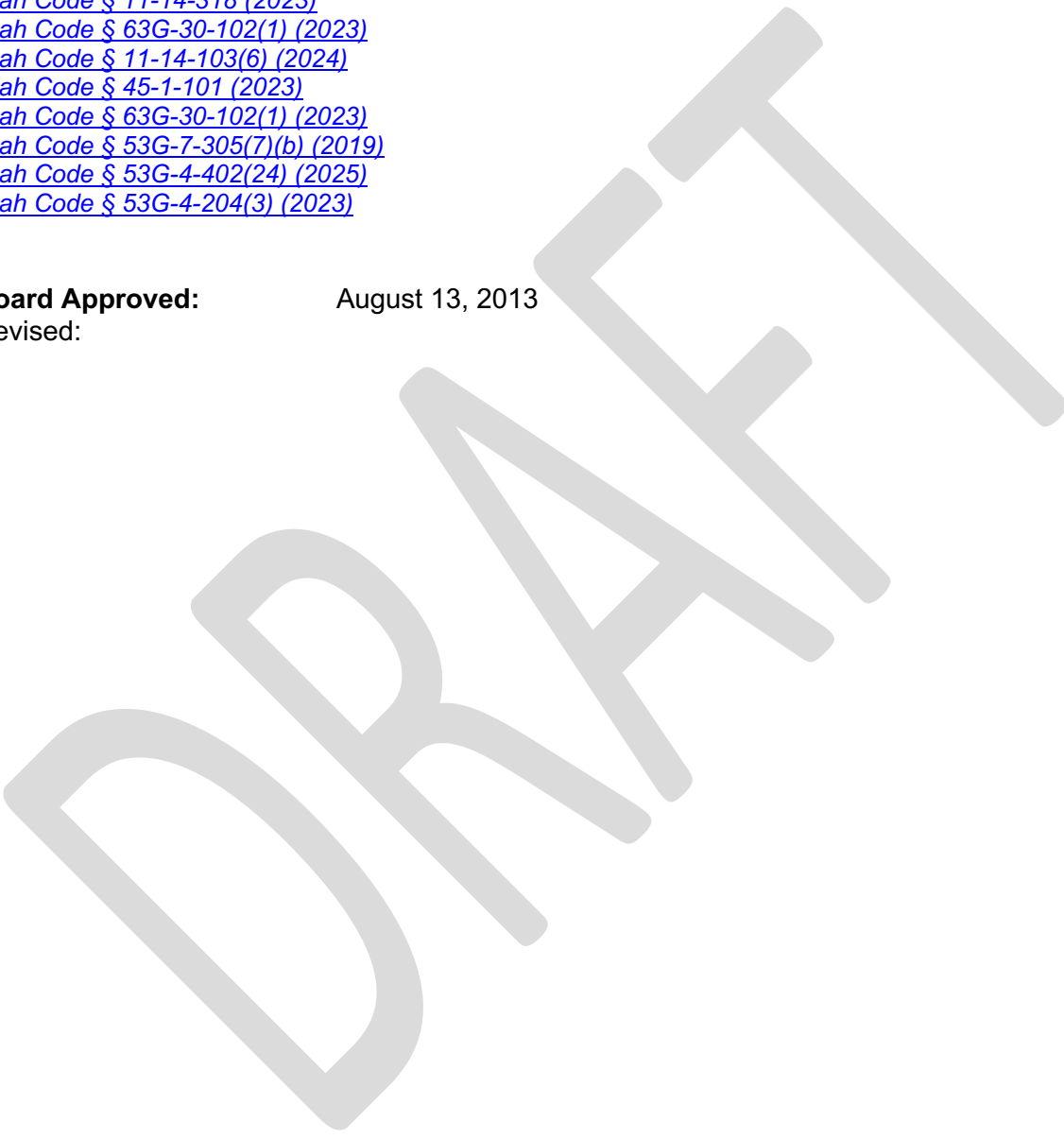
#### 179 **Legal References:**

- 180 [Utah Code § 52-4-202\(2\) \(2023\)](#)
- 181 [Utah Code § 52-4-202\(3\), \(4\) \(2023\)](#)
- 182 [Utah Code § 63G-30-102\(1\) \(2023\)](#)
- 183 [Utah Code § 53G-7-208\(3\)\(e\) \(2019\)](#)
- 184 [Utah Code § 52-4-202\(6\) \(2023\)](#)

- 185 [Utah Code § 59-2-919\(8\)\(b\)\(i\), \(e\) \(2025\)](#)
- 186 [Utah Code § 52-4-202\(5\) \(2023\)](#)
- 187 [Utah Code § 53G-7-303\(3\) \(2019\)](#)
- 188 [Utah Code § 53F-8-201\(3\) \(2019\)](#)
- 189 [Utah Code § 59-2-919 \(2024\)](#)
- 190 [Utah Code § 59-1-1604\(6\) \(2016\)](#)
- 191 [Utah Code § 59-1-1605 \(2016\)](#)
- 192 [Utah Code § 59-1-1605\(3\)\(b\) \(2016\)](#)
- 193 [Utah Code § 11-14-318 \(2023\)](#)
- 194 [Utah Code § 63G-30-102\(1\) \(2023\)](#)
- 195 [Utah Code § 11-14-103\(6\) \(2024\)](#)
- 196 [Utah Code § 45-1-101 \(2023\)](#)
- 197 [Utah Code § 63G-30-102\(1\) \(2023\)](#)
- 198 [Utah Code § 53G-7-305\(7\)\(b\) \(2019\)](#)
- 199 [Utah Code § 53G-4-402\(24\) \(2025\)](#)
- 200 [Utah Code § 53G-4-204\(3\) \(2023\)](#)

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202 **Board Approved:** August 13, 2013  
203 Revised:  
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**Public Hearing Requirements for Tax Purposes**  
**Policy Series: 1000 Board of Education**

**Policy No. 1410**  
**Procedure 2**

10 On or before June 1, Provo City School District shall notify the commission and the county  
11 auditor of the date, time, and place of the public hearing.

12  
13 A public hearing shall be:

- 14 1. Open to the public;
- 15 2. Held at a meeting of Provo City School District with no items on the agenda other than  
16 discussion and action on the district's intent to levy a tax rate that exceeds the district's  
17 certified tax rate, the district's budget, or a combination of these items; and
- 18 3. Available for individuals to attend or participate either in person or remotely through  
19 electronic means.

20  
21 The Board of Education conducting a public hearing shall:

- 22 1. State the dollar amount of additional ad valorem tax revenue that would be generated  
23 each year by the proposed increase in the certified tax rate;
- 24 2. Explain the reasons for the proposed tax increase, including the district's intended use of  
25 additional ad valorem tax revenue;
- 26 3. If the county auditor compiles the list required by Section 59-2-919.2, preset the list at  
27 the public hearing and make the list available on the district's public website; and
- 28 4. Provide an interested party desiring to be heard an opportunity to present oral testimony  
29 within reasonable time limits and without unreasonable restriction on the number of  
30 individuals allowed to make public comment.

31  
32 The Board of Education may not schedule nor hold a public hearing at the same times as the  
33 public hearing of another overlapping tax entity in the same county.

34  
35 The taxing entities in which the power to set tax levies is vested in the same governing board or  
36 authority may consolidate the public hearings into one public hearing.

37  
38 The county auditor shall resolve any conflict in public hearing dates and times after consultation  
39 with each affected taxing entity.

40  
41 The district shall hold this public hearing beginning at or after 6 p.m.

42  
43 If the district holds a public meeting for the purpose of addressing general business of the  
44 district on the same date as the public hearing described above, the public meeting addressing

45 general business items shall conclude before the beginning of the public hearing described  
46 above.

47

48 The Board may hold a budget hearing on the same date as a public hearing for truth in taxation  
49 purposes.

50

51 **-Legal References:**

52 [Utah Code § 52-4-202\(2\) \(2023\)](#)

53 [Utah Code § 52-4-202\(3\), \(4\) \(2023\)](#)

54 [Utah Code § 63G-30-102\(1\) \(2023\)](#)

55 [Utah Code § 53G-7-208\(3\)\(e\) \(2019\)](#)

56 [Utah Code § 52-4-202\(6\) \(2023\)](#)

57 [Utah Code § 59-2-919\(8\)\(b\)\(i\), \(e\) \(2025\)](#)

58 [Utah Code § 52-4-202\(5\) \(2023\)](#)

59 [Utah Code § 53G-7-303\(3\) \(2019\)](#)

60 [Utah Code § 53F-8-201\(3\) \(2019\)](#)

61 [Utah Code § 59-2-919 \(2024\)](#)

62 [Utah Code § 59-1-1604\(6\) \(2016\)](#)

63 [Utah Code § 59-1-1605 \(2016\)](#)

64 [Utah Code § 59-1-1605\(3\)\(b\) \(2016\)](#)

65 [Utah Code § 11-14-318 \(2023\)](#)

66 [Utah Code § 63G-30-102\(1\) \(2023\)](#)

67 [Utah Code § 11-14-103\(6\) \(2024\)](#)

68 [Utah Code § 45-1-101 \(2023\)](#)

69 [Utah Code § 63G-30-102\(1\) \(2023\)](#)

70 [Utah Code § 53G-7-305\(7\)\(b\) \(2019\)](#)

71 [Utah Code § 53G-4-402\(24\) \(2025\)](#)

72 [Utah Code § 53G-4-204\(3\) \(2023\)](#)

73

74 **Board Approved:**

August 13, 2013

75 Revised:

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**Recordings and Minutes of Board Meetings  
Policy Series: 1000 Board of Education**

**Policy No. 1415**

**Open Meeting Recording and Minutes**

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Written minutes and a recording shall be kept of all open board meetings except site visits or traveling tours where no vote or action is taken by the Board, for which only written minutes shall be kept.

15

16

Written minutes shall include:

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1. The date, time and place of the meeting;
2. The names of the members present and absent;
3. The substance of all matters proposed, discussed, or decided by the Board, which may include a summary of comments by Board members;
4. A record, by individual member, of each vote taken;
5. The name of each person who is not a Board member who, after being recognized by the presiding Board member, presented testimony or comments to the Board and a brief summary of their testimony or comments;
6. Any other information that is a record of the proceedings of the meeting that any member requests be entered in the recording and minutes.

28

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32

The requirement that the written minutes include the substance of Board discussion and of public comments may be satisfied by maintaining a publicly available online version of the minutes which includes a link to that portion of the meeting recording which relates to the discussion or comments.

33

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38

The recording shall be a complete and unedited recording of all open portions of the meeting from the commencement of the meeting until the meeting's adjournment, and shall be labeled or identified with the date, time, and place of the meeting. If the meeting is a public hearing under the Transparency of Ballot Propositions Act, the recording must be digital.

39

40

**Approval of and Availability of Minutes and Recordings of Board meetings**

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43

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The recording of an open board meeting is a public record and shall be available to the public for listening within three business days after the end of the meeting. If the meeting is a public hearing under the Transparency of Ballot Propositions Act, the digital recording must also be made available on the District's website within this time period.

45  
46 The written minutes of an open board meeting are public records. The Board shall establish and  
47 implement procedures for correction of and formal approval of meeting minutes. Prior to  
48 approval, the minutes are considered “pending minutes.” Pending minutes shall be made  
49 available to the public within a reasonable time after the meeting. Upon formal approval by the  
50 Board, the written minutes of the meeting shall be the official record of the actions taken at the  
51 meeting. Approved minutes [and any public materials distributed at the meeting that the minutes](#)  
52 [relate to](#) shall be made available to the public within three business days after they are  
53 approved by the Board [by](#)

- 54 1. [Making them available at the District office,](#)
- 55 2. [Posting them on the District’s website, and](#)
- 56 3. [By either posting the minutes and materials on the Utah Public Notice website or posting](#)  
57 [a link on the Utah Public Notice website which can be used to access the minutes and](#)  
58 [materials on the District website or another website.](#)

59  
60 Pending minutes of a board meeting shall include the following notice in prominent, easily  
61 visible type: “These minutes have not yet been formally approved by the Board of Education  
62 and until such formal approval are subject to change.”

63  
64

#### 65 **Closed Meeting Recording and Minutes**

66

67 Except when the reason for closing the meeting is the discussion of personal information (the  
68 character, professional competence, or health of an individual) or security issues, as specified in  
69 Policy 1402, a recording shall be kept of all closed meetings and written minutes may be kept of  
70 closed meetings. Such recordings, and any minutes shall include:

71

- 72 1. The date, time and place of the meeting;
- 73 2. The names of members present and absent; and
- 74 3. The names of all others present except where such disclosure would compromise  
75 the confidential nature of the issues being discussed or otherwise infringe the  
76 privacy rights of the others present.

77

78 When kept, recordings of closed meetings shall be complete and unedited recordings of all  
79 portions of the closed meeting, and shall be labeled or identified with the date, time, and place  
80 of the closed meeting.

81 Where a meeting is closed for the purpose of discussing either security issues or the character,  
82 professional competence, or health of an individual, as specified in Policy 1402, the meeting  
83 shall not be recorded and no minutes shall be kept.

84

85

#### 86 **No Secret Ballot**

87

88 No vote shall be taken by secret ballot.

89

90

#### 91 **Closed Meeting Recordings and Minutes are Protected**

92

93 All recordings and minutes of closed meetings are hereby designated as “Protected Records”  
94 under the Government Records Access Management Act.

95

96 **Legal References**

97 [Utah Code § 52-4-203\(1\), \(2\), \(3\) \(2024\)](#)

98 [Utah Code § 59-1-1605\(4\) \(2016\)](#)

99 [Utah Code § 52-4-203\(4\)\(g\)\(iii\) \(2024\)](#)

100 [Utah Code § 59-1-1605\(4\)\(b\)\(i\) \(2016\)](#)

101 [Utah Code § 52-4-203\(4\)\(g\) \(2024\)](#)

102 [Utah Code § 52-4-203\(4\)\(c\) \(2024\)](#)

103 [Utah Code § 52-4-206 \(2023\)](#)

104 [Utah Code § 52-4-203\(2\)\(a\)\(iv\) \(2024\)](#)

105 [Utah Code § 52-4-206\(5\) \(2023\)](#)

106 [Utah Code § 63G-2-103 et seq.](#)

107

108 **Board Approved:**

August 13, 2013

109 Revised:

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DRAFT

## Policy Summary of 1st Readings October 28, 2025

### Policy 1550: Employee Suggestions to the Board

New Policy  
1st Reading

Line/Section Number	Summary/Question/Notes
Summary	Provides a policy that allows employees to contact board members and provide feedback and suggestions directly. Historically, there have been districts (not Provo) that have prohibited or greatly discouraged employees from contacting board members directly.
20	A log of suggestions is created so that the Board can see what is trending across the district or perhaps in particular areas. This log of suggestions would be provided as part of consent calendar items
31-35	If the suggestions include specific information about individuals, this information would be omitted before being added to any log that would be viewable to the public.

### Policy 1550, Procedure 1: Submitting Employee Suggestions

New policy w/ accompanying procedure  
1st Reading

Line/Section Number	Summary/Question/Notes
Summary	Outlines the process by which these suggestions would be submitted from employees to the Board of Education
15-16	Use one of two methods: online form (which will be developed and linked in this policy) or an email could be sent to individual board members or to the board as a whole. The online form would allow for complete anonymity. It is important to note that when individuals are willing to provide their contact information, then if a board member needs to follow up for further context, they can.
24-36	Log of suggestions would be created, and the board members will update it when they receive suggestions or concerns. If concerns are sent to the whole board, board leadership would enter the suggestions. If it is sent to an individual member, they would add the suggestions to the document. If it is submitted through an online form, the Executive Assistant to the Board of Education would enter the information. This log becomes part of the public record, and the Board's Executive Assistant will add this to board documents for each board meeting.
39-44	Board members can use the log of suggestions to determine if any of the issues need to be addressed at a future board meeting; board members can also refer situations to the Superintendent to allow district leadership to implement, explore, or address suggestions.
50-55	This did not seem the appropriate place to put the public education referral hotline– that really seems more for reporting egregious issues whereas this policy

	is providing a space for employees to have a voice with their board members.
Feedback	A question was asked by PEA if this means that every suggestion would need to be documented in this log. There is no “shall” that requires a board member to log the suggestion; however, it does create a clear pathway for the Board to see patterns of concerns and suggestions that could then be brought before the whole board to discuss at a future board meeting.
Recommendation	Place the policy on the website for further feedback. Make sure employees have an opportunity to provide this feedback. Bring back to a later board meeting, once the policy committee has considered any and all suggestions, for possible adoption.

**Policy 1410: Public Notice Requirements of Board Meetings**

Update to existing policy

1st Reading

Line/Section Number	Summary/Question/Notes
Summary	Updates the notice requirements for board meetings to align with current state code
11-15	Prior to this, notice requirements for meetings and for hearings were combined in one policy. The purpose lays out that public hearings have additional requirements that are laid out in subsequent procedures.
28	Lays out how we must give written notice of meetings.
42-54	Omitted language that is outdated (i.e. newspaper)
56	Action is limited to what is listed on the meeting agenda
71-85	Two different options listed here for what must be in place for an agenda that is tied to a budget or the levying of a tax rate. Or is there a better way to say this? Does this language need to be sent back to the policy committee?
Recommendation	Place the policy on the website for further feedback. Take suggestions back to the policy committee.

**Policy 1410, Procedure 1: Public Hearing Notice Requirements**

Update to existing policy

1st Reading

\*\* The reason most of this is in blue is because it was in policy before, and we have now created a procedure for it.

Line/Section Number	Summary/Question/Notes
Summary	Establishes each of the hearing notice requirements for the different types of hearings.
14-15; 31-32	Question: do we need to keep repeating “In addition to complying with the public notice requirements. . . “ Probably yes because these hearing notice requirements are IN ADDITION to the public notice requirements. The policy

	<a href="#">committee is open to other suggestions.</a>
29	Do we need to link the code to Truth in Taxation? We do have it included at the end in legal references, but is this important enough to link here?
43	Question asked: Do we need to specify the requirements for other taxing entities in the county? We do not believe so
87-101	Provides two options for language. Option 1 was included in model policy. We tried to simplify the language for Option 2.
107-137	As you can see, we are trying to separate out the hearing notice requirements for each type of hearing to make this more clear.
153-160	We struck these lines so that it is consistent with the notice requirements in Policy 1450 for school closures; it is an update.
165-168	Added language for hearing notice for board compensation. Updated information, which is why the language in lines 173-180 have been struck.
Recommendation	Place the policy on the website for further feedback. Take suggestions back to the policy committee.

## Policy 1410, Procedure 2

Update to existing policy

1st reading

\*\* The reason most of this is in blue is because it was in policy before, and we have now created a procedure for it.

Line/Section Number	Summary/Question/Notes
Summary	While the prior procedure is about the notice requirements for the hearing, this procedure is about the actual requirements of the hearing. This was all part of Policy 1410 before; based on feedback and work of the policy committee, we chose to place this in a separate procedure and hope this provides greater clarification.
37	Question about consolidating into one public hearing when we are the BOE and the Municipal Building Authority. We would need to have two separate hearings, as we did when we did our last MBA bond because they are NOT the same entity.
44-47	Any business items must happen BEFORE the hearing. It may be best to do any hearing on a separate day so as not to conflate a regular business meeting and a hearing for taxing purposes.
Recommendation	Place the policy on the website for further feedback. Take suggestions back to the policy committee.

## Policy 1415: Recordings and Minute of Board Meetings

Update to existing policy

1st reading

Line/Section Number	Summary/Question/Notes
Summary	Requires that written minutes and a recording be kept of all open board meetings except for site visits and traveling tours where no vote or action is taken. Lays out requirements for what the minutes must include.
29-32	New language that adds what the written minutes must include and that we can link to an online meeting recording with just a quick summary.
36-37	Public hearing meetings must be digital if it is for a general obligation bond that goes on the ballot so that all may listen.
52-59	Minutes and any materials distributed at board meeting must be made available to the public; they are draft minutes until approved at the next board meeting.
66	This section lines out when a closed meeting must be recorded. It also lists when a closed meeting does not need to be recorded. These are protected records (line 94).
87	Why would a secret ballot provision be in this policy? Because it is a public meeting, and the votes must be recorded publicly and included in the minutes.
Recommendation	Place the policy on the website for further feedback. Take suggestions back to the policy committee.

## Policy 1415, Procedure 1: Approval and Changes to Board Meeting Minutes

New procedure for Policy 1415

1st reading

Line/Section Number	Summary/Question/Notes
Summary	In the policy itself, lines 47-48 state that the Board must establish and implement procedures for correction and formal approval of the minutes. This is what this procedure creates.
11	Executive Assistant prepares draft minutes. They are distributed to the board before a formal vote and are also made available within 30 days to the public or before the next formal approval.
26	Approval of the minutes must be on the board agenda.
33	Before approving the minutes, the presiding officer calls for any corrections or amendments. Approved minutes become the official record.
42	We need to link these requirements in these lines of code.
51	There is a provision for adopting amended minutes if needed.
Recommendation	Place the policy on the website for further feedback. Take suggestions back to the policy committee.



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**Public Notice Requirements of Board Meetings**  
**Policy Series: 1000 Board of Education**

**Policy No. 1410**

10

**Purpose**

The purpose of this policy is to delineate requirements for public meeting notice which apply to all board meetings. Public hearings require additional information and notices with specific processes that must be followed and can be found in the accompanying procedures to this policy.

16

**Public notice of annual meeting schedule**

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At least once each year, the Board shall give public notice of its annual meeting schedule. The notice shall specify date, time and place of such meetings.

21

22

**Notice of specific meetings**

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25

1. Minimum twenty-four (24) hour notice: The Board shall provide public notice of each meeting at least 24 hours in advance of each meeting; such notice shall include the agenda, date, time and place of the meeting.

26

27

28

2. Methods of ~~Providing Public Notice~~ **giving notice of meeting**: Public notice of each Board meeting and of the Board's annual meeting schedule shall be given by ~~by~~ **for at least 24 hours by:**

29

30

31

a. Posting written notice at the local Board of Education office;

32

b. Posting notice on the Utah Public Notice Website; and,

33

c. **Posting notice on the District's website at least 24 hours in advance of the meeting.**

34

35

d. **Notice of each Board meeting shall also be given to each interested mayor or interested county executive (or their designee). An "interested mayor" is the mayor of a municipality that is partly or entirely within the boundaries of the school district. An "interested county executive" is the county executive or county manager of a county with unincorporated area within the boundaries of the school district. This notice shall be provided by mail, email, or other effective**

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41 means agreed to by the person to receive notice. Providing notice to at least one  
42 newspaper of general circulation within the geographic jurisdiction of the public  
43 body or to a local media correspondent. (Notice to such a newspaper or local  
44 media correspondent sent pursuant to a subscription made through the Utah  
45 Public Notice Website satisfies this requirement if the notice has been timely  
46 sent.

47 a. ~~The District shall also endeavor to post notice of Board meetings on the~~  
48 ~~District's web site at least 24 hours in advance of the meeting.~~

49 b. ~~Notice of each Board meeting shall also be given to the following~~  
50 ~~officials (or their designee) for municipalities or counties that are partly~~  
51 ~~or entirely within the boundaries of the District: the mayor, county~~  
52 ~~commission chair, county executive, or county manager. **This notice**~~  
53 ~~**shall be provided by mail, email, or other effective means agreed**~~  
54 ~~**to by the person to receive notice.**~~  
55

#### 56 **Action limited to meeting agenda**

57  
58 Where a meeting agenda must be included in the required public notice of a Board meeting (as  
59 stated in the paragraph above), that agenda shall be sufficiently specific to notify the public of  
60 the topics to be considered at the Board meeting. To be sufficiently specific, the agenda shall at  
61 least list each anticipated topic under an agenda item in a manner which identifies the subject of  
62 discussion and if known the nature of the Board action being considered on the subject. The  
63 Board may not consider a topic in an open meeting which was not listed under an agenda item  
64 and included with the advance public notice of the meeting, except that if an unlisted topic is  
65 raised by the public during an open meeting, the Board may at the discretion of the presiding  
66 Board member discuss the topic but may not take any final action on that topic during the  
67 meeting. This limitation may not apply to an emergency meeting where the requirements for  
68 holding and giving the best practicable notice of such a meeting have been met. (See  
69 "Emergency Meeting" below.)  
70

#### 71 **Option 1:**

72 When the Board is meeting to conduct a public hearing with respect to adopting the budget or  
73 levying a tax rate which exceeds the certified tax rate, the Board's agenda must be limited to the  
74 hearing(s) and discussion and action on those items. If the Board holds another meeting on the  
75 same date to address general business items, the other meeting must conclude before the  
76 meeting on the budget and/or tax rate levy. The meeting must also be available for individuals to  
77 attend or participate either in person or remotely through electronic means.  
78

#### 79 **Option 2:**

80 When the Board holds a public hearing to adopt a budget or to approve a tax rate that exceeds  
81 the certified tax rate, that meeting's agenda must be limited to the hearing and any related  
82 discussion or action.

83 If the Board also needs to conduct other general business on the same day, that business must  
84 be handled in a separate meeting that ends **before** the budget or tax rate hearing begins.

85 The hearing must be accessible to the public either in person or through electronic participation.

86  
87  
88

### 89 **Emergency meeting**

90

91 In case of emergency or urgent public necessity which renders it impractical to give the notice  
92 identified in the paragraphs above, the best notice practicable shall be given of the time and  
93 place of the meeting and of the topics to be considered at the meeting. No such emergency  
94 meeting of the Board shall be held unless an attempt has been made to notify all of its members  
95 and a majority of the members vote in the affirmative to hold the meeting.

96  
97

### 98 **Annual budget meeting notice**

99

100 In addition to complying with the aforementioned public notice requirements, in regards to the  
101 budget hearing, the Board shall do the following:

102

- 103 1. Publish the required newspaper advertisement and/or electronic newspaper  
104 advertisement (see [Utah Code § 45-1-101 \(2023\)](#)) and the required Utah Public Notice  
105 Website advertisement at least ten days before the day on which the hearing is held.
  - 106 a. The public hearing notice will include information on how the public may access  
107 the proposed budget.
- 108 2. File a copy of the proposed budget with the Board's business administrator for public  
109 inspection; and
- 110 3. Post a copy of the proposed budget on the District's Internet website.
- 111 4. In addition, if the proposed budget includes a tax rate in excess of the certified tax rate,  
112 or if the Board meeting is required to consider whether to adopt a tax rate in excess of  
113 the certified tax rate, the Board shall provide the notices and schedule the meeting as  
114 required by [Utah Code § 59-2-919](#).

115

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118

### 119 **Legal References:**

120 [Utah Code § 52-4-202\(2\) \(2023\)](#)

121 [Utah Code § 52-4-202\(3\), \(4\) \(2023\)](#)

122 [Utah Code § 63G-30-102\(1\) \(2023\)](#)

123 [Utah Code § 53G-7-208\(3\)\(e\) \(2019\)](#)

124 [Utah Code § 52-4-202\(6\) \(2023\)](#)

125 [Utah Code § 59-2-919\(8\)\(b\)\(i\), \(e\) \(2025\)](#)

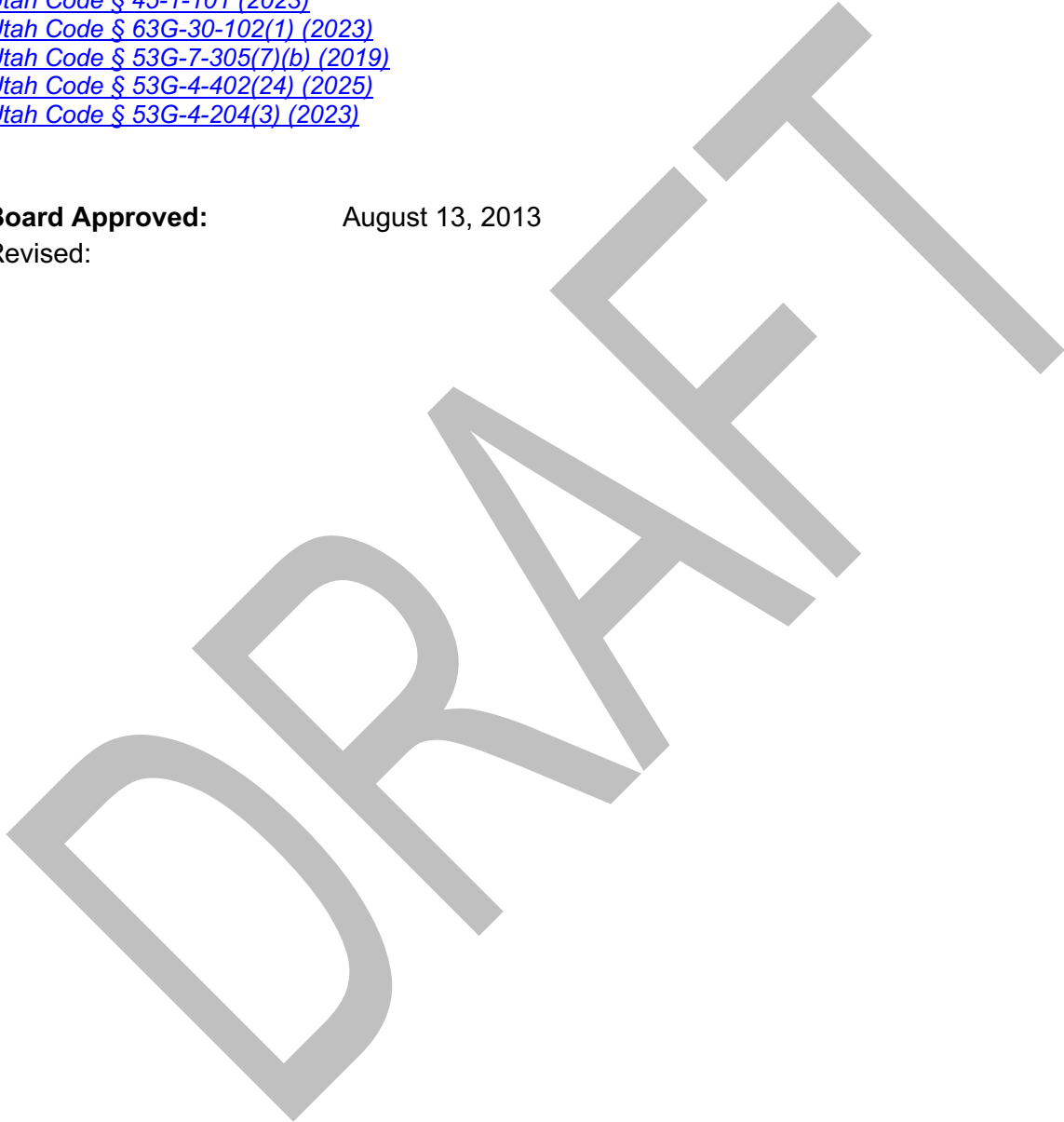
126 [Utah Code § 52-4-202\(5\) \(2023\)](#)

127 [Utah Code § 53G-7-303\(3\) \(2019\)](#)

- 128 [Utah Code § 53F-8-201\(3\) \(2019\)](#)
- 129 [Utah Code § 59-2-919 \(2024\)](#)
- 130 [Utah Code § 59-1-1604\(6\) \(2016\)](#)
- 131 [Utah Code § 59-1-1605 \(2016\)](#)
- 132 [Utah Code § 59-1-1605\(3\)\(b\) \(2016\)](#)
- 133 [Utah Code § 11-14-318 \(2023\)](#)
- 134 [Utah Code § 63G-30-102\(1\) \(2023\)](#)
- 135 [Utah Code § 11-14-103\(6\) \(2024\)](#)
- 136 [Utah Code § 45-1-101 \(2023\)](#)
- 137 [Utah Code § 63G-30-102\(1\) \(2023\)](#)
- 138 [Utah Code § 53G-7-305\(7\)\(b\) \(2019\)](#)
- 139 [Utah Code § 53G-4-402\(24\) \(2025\)](#)
- 140 [Utah Code § 53G-4-204\(3\) \(2023\)](#)

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**Board Approved:** August 13, 2013  
**Revised:**



# Wasatch Elementary Retaining Wall

Line Item Costs

10/27/2025

<b>Line Items</b>	<b>Cost</b>	<b>Notes</b>
Downstack	\$ 76,573	Includes demo
Reinstall	257,140	Not including new drain
Repairs	236,576	Includes temporary measures
Landscape	53,006	Trees, shrubs, irrigation repair, cobble
Other repairs	183,570	Asphalt, curb & gutter, storm drain, electrical, fence, etc
Drain/liner	94,505	In addition to above
Concrete pavement	37,454	~3,000 sqft at top of wall between curb & fence
Supervision, Management	No Cost	
Markup, Bond	No Cost	(5% + 1% = \$42,135)
<b>Total Cost</b>	<b>\$ 702,248</b>	Not to exceed
Proposed District Amount	\$ 351,124	50%
Others	\$ 351,124	50%

<b>Utah State Tax Commission - Property Tax Division</b> <b>Resolution Adopting Final Tax Rates and Budgets</b>	<b>Form PT-800</b> Rev. 02/15
--	----------------------------------

**County: UTAH**

**Tax Year: 2025**

It is hereby resolved that the governing body of:

**PROVO CITY SCHOOL DISTRICT**

approves the following property tax rate(s) and revenue(s) for the year: **2025**

1. Fund/Budget Type	2. Revenue	3. Tax Rate
190 Discharge of Judgement		
210 Basic School Levy	15,283,321	0.001379
230 GO Bond Payments	15,615,809	0.001409
246 Capital Local Levy	12,634,508	0.001140
510 Voted Local Levy	13,731,715	0.001239
526 Board Local Levy .002500	18,231,373	0.001645
527 Charter School Levy	1,219,119	0.000110
	<b>\$76,715,845</b>	<b>0.006922</b>

This resolution is adopted after proper notice and hearing in accordance with UCA 59-2-919 and shall be forwarded to the County Auditor and the Tax Commission in accordance with UCA 59-2-913 and 29-2-920.

**Signature of Governing Chair**

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Title: \_\_\_\_\_

Provo Board of Education  
November 2025  
2026-2027 School Choice / Open Enrollment  
Jason Garrison

Prior to November 15<sup>th</sup>, the board needs to announce the policies and procedure to follow for open enrollment, and designate which schools and/or programs will be available for open enrollment for the following school year. The updated school choice early open enrollment period for the 2026-2027 school year will be Nov. 15, 2025 through Feb. 6, 2026.

#### RECOMMENDATION

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##### A. Schools Open/Closed to Choice - Open Enrollment

1. It is recommended that all elementary and secondary schools be open for school choice, until the grade level, class, or program reach 90% of capacity. (Capacity being determined by building capacity.) The schedule will be as follows:

Prior to Nov 15,	Board designates school's status of Open or Closed
On Nov 15,	Window opens for Early Open Enrollment, applications thru Feb 6, will be accepted and processed by Student Services (parents can access the link to the application through our website)
Feb 20,	Schools will receive a list of applicants.
Mar 15,	Student Services will notify parents of currently enrolled students who will not be permitted continued enrollment for the coming year.
Mar 31,	Deadline for Student Services to notify parents in writing of Early Open Enrollment Application status – accepted or rejected.

There are no charges associated with the application process.

Schools may NOT develop “waiting lists” from Open Window applications. Applications must be accepted or rejected by the March 31<sup>st</sup> deadline for Early Enrollment and August 1<sup>st</sup> for Late Enrollment.

To complete the process, a notification letter will be sent to the parents via email, the sending/receiving schools will receive a list of the students who are leaving/arriving and the original Open Enrollment application will remain at the Student Services office. For assistance contact: (801) 374-4838

#### REFERENCES

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##### UTAH CODE SECTION 53A-2-207 (6) (a-d)

An enrolled nonresident student shall be permitted to remain enrolled in a school, subject to the same rules and standards as resident students, without renewed applications in subsequent years unless one of the following occurs:

- (a) the student graduates;
- (b) the student is no longer a Utah resident;
- (c) the student is suspended or expelled from school; or
- (d) the district determines that enrollment within the school will exceed the school's open enrollment threshold.

##### UTAH CODE SECTION 53A-2-207 (7) (a) (b)

- (a) Determination of which nonresident students will be excluded from continued enrollment in a nonresident district during a subsequent year under Subsection (6)(b) is based upon time in the district, with those most recently enrolled being excluded first.
- (b) Non-resident students who will not be permitted to continue their enrollment shall be notified no later than March 15<sup>th</sup> of the current school year.



2456 S West Temple Salt Lake City, UT 84115  
 Phone: (801) 466-3196

## Proposal

State Contract Number: MA4362  
 Project No: PERF-11347  
 Revision: 0  
 Quote Date: 09/23/2025

# Provo High School - Auditorium AV Upgrades

1199 N Lakeshore Dr Provo, UT 80601

Presented By: Brad Wadsworth 801-466-3196 x 182 brad.wadsworth@performanceaudio.com

### Bill To:

**Provo City School District**  
 Sadie Cox  
 527 S. 1600 W.  
 Provo, UT 84601  
 Phone: 801-374-4888  
 Email: sadiec@provo.edu

### Primary Contact:

**Provo City School District**  
 Chelsey Beck  
 527 S. 1600 W.  
 Provo, UT 84601  
 Phone: 385-415-4066  
 Email: chelseyb@provo.edu

## Scope Of Work

**\*\*All pricing and conditions of this proposal are in compliance with State Contract number MA4362 and are subject to its terms and conditions.**

### Auditorium

- **Listen Everywhere System:** We will install the client-supplied Listen Everywhere system.
- **Mixing Console:** We will remove the existing mixing console and leave it with the client. A new 64-channel digital audio mixing console, appropriate I/O, and a stage rack will be installed to replace the existing setup.
- **Audio DSP & Control:** We will install a new DSP and two touch panel controllers—one at the front of the house and one backstage right. The system will be configured as an auto/manual system, with audio from video, two wired mics, two wireless handheld mics, the aux input, and Bluetooth connections on the auto system.
- **Video Infrastructure:** We will update the existing video infrastructure to be done over IP with endpoints. Two HDMI inputs will be supported, and an owner furnished Apple TV will be installed.
- **Camera:** A Q-SYS camera will replace the existing camera.
- **Lobby Displays:** We will add endpoints to the two existing lobby displays. These displays will be controlled with the touch panel controller in the Auditorium.
- **Streaming & Audio:** We will provide one live stream output to a client-supplied computer. The existing lobby chime and audio feed will continue to function.
- **Wireless Microphones:** We will do a wireless frequency coordination as part of the scope.

**Band Room, Orchestra Room, & Choir Room**

- **System Core & Control:** We will install a Q-SYS Core and a touch panel controller in each of these rooms. The client is providing a Core 110f V2 DSP for the Band Room.
- **Inputs/Outputs:** All existing inputs and outputs will remain functional.
- **Control:** The new touch panel controllers will manage the existing projector, screen, and audio levels in each room.
- **Equipment Racks:** We will reuse the existing equipment rack in the main server room.

**Theater Room (Overflow Space)**

- **Audio & Video Integration:** This room will receive audio and video signals from the auditorium.
- **Display & Audio:** We will use the existing display, installing a new endpoint, and pull audio from that endpoint for this space.
- **Client-Supplied Equipment:** We will install the client-supplied Blaze amp, amp controller, loudspeaker, and network switch.
- **Equipment Rack:** We will reuse the existing equipment rack in the main server room.

We will commission the system and provide basic training to the client on how to use the new system.

Your AV system is a vital investment. To maximize its value and avoid potential complications, selecting the right integration partner is crucial. We encourage you to consider the following when evaluating proposals:

**Key Considerations:**

- **Understanding Your Vision:** Did the integrator demonstrate a thorough understanding of your specific needs and objectives? Are they proposing a system tailored to your unique environment and requirements? Did the integrator design the system or did someone else? Did they perform a speaker model analysis of your space to aid in the system design? If not, how confident are you that the proposed audio system will cover properly?
- **Proven Expertise:** Is the integrator in high demand? What is their reputation? Do they possess the technical expertise to design and implement a high-performance system?
- **Reliable Process:** Do they have a clearly defined process for installation? What measures are in place to ensure a smooth and efficient project?
- **Long-Term Partnership:** Are they committed to providing ongoing support and ensuring your system continues to function as designed? Will the integrator be a long-term partner?
- **Proven Track Record:** Have they successfully completed other similar projects?
- **Value vs. Price:** Is the proposal focused on meeting your objectives, or simply the price? How important is system

reliability to you? What will it cost to redo the system if it fails to meet your objectives?

Remember, the true cost of a system includes its performance, reliability, and long-term support.

**Schedule:**

- Upon receipt of a signed proposal or purchase order, this project will move into the engineering phase, Performance Audio will hold a kickoff meeting to discuss all aspects of the work to be done. Those in attendance are the Sales Engineer who worked with you on this proposal, the assigned Project Manager, the AV Engineer and Installation Lead Coordinator.
- Following the Project kickoff meeting, a down payment invoice will be created and sent to the client if applicable.
- Once the down payment is received, the items will be ordered. If the terms on this project are progress billing, invoices will be sent to the client at the appropriate times.
- The Performance Audio Project Manager assigned to this project will contact the client with an introduction, and will coordinate the implementation details through completion.
- If there are programming or Graphical User Interface (GUI) controllers used in the project, the client may be invited to preview these details in our facility with one of our AV Engineers and to approve this portion of the project.
- Once all equipment is received, the Project Manager will schedule the installation with the client.
- When the installation is finished, the client will review the system with Performance Audio and will sign a Project Completion sign off form.
- A final invoice will be sent to the client along with the warranty document.

**Additional Considerations:**

Please review these items, and if any are incorrect, please let the Sales Engineer know as soon as possible. Changes to the proposal may influence the price of equipment or services.

- Scheduling** will be coordinated with the client and the Performance Audio Project Manager assigned to this project.
- All **electrical work and conduit** if required is to be done by a licensed electrical contractor. All wiring will be in accordance with the NEC code.
- Parking** for Performance Audio vehicles will be available on site (within 200' of the project location) unless otherwise pre-arranged.
- Availability of loading docks, elevators and lifts must be coordinated prior to installation scheduling.
- If applicable, **existing equipment** will be removed from its location and returned to an authorized representative of the customer. Please note that Performance Audio cannot dispose of or take in any equipment removed from this project.
- Information, including costs regarding **background checks or additional requirements for installers** to perform the specified work are the responsibility of the customer and should be pre-arranged. Performance Audio must receive security credentials necessary for access to the work site.
- The client is responsible to provide **waste disposal** for the scope of this project.
- Any Owner Furnished equipment requiring 'pre-build' will need to be delivered to Performance Audio two weeks before installation for verification of operation and programming if required.
- If applicable, networked equipment requiring addressing may need a separate meeting with Performance Audio IT personnel.
- Prior to installation, any touch-panel Graphical User Interface (GUI) programming will be verified by Performance Audio engineering and the customer.
- Upon completion of this project, documentation requiring a customer sign-off will be provided.
- If applicable, Performance Audio will provide one (1) **Warranty Programming Change** - in which the DSP or control programming may be updated free of charge. If additional programming updates are required or requested beyond this, a Change Order will be issued, and additional charges incurred.
- This project is **warranted for a period of one (1) year** unless otherwise pre-arranged.
- Equipment ordered for this project has an expected **lead time** of 4 to 8 weeks after the drawings and project is approved. However, due to the current conditions outside of our control, occasionally equipment is backordered. Performance Audio will make all reasonable efforts to move the project forward without delays due to back-ordering but cannot be held responsible if any such delays occur.



## Proposal

- Delays in the construction schedule, pertaining to other trades, will delay the completion of AV system.
- Installation of equipment prior to other trades being finished may result in damaged or lost equipment.
- Performance Audio is not responsible for the operational condition or warranty of **Owner Furnished Equipment (OFE)**.
- Colors, finishes and custom engravings of equipment specified are to be coordinated and signed off by the customer prior to any product being ordered.
- Work shall not begin until third party contractors have completed work, i.e., conduit and electrical needs, etc.
- All **work is to be performed during normal business hours**, Monday - Thursday 9 am to 6 pm, unless other hours have been pre-arranged and agreed upon.
- The customer is responsible for providing access to the workspaces and an on-site contact to help answer any questions during the installation process.
- For safety reasons, the installation space must be occupied by Performance Audio personnel only during the installation process.
- Change orders and additional work requests** shall be processed through the Performance Audio Project Manager and may affect any previous schedules or deadlines discussed between the Customer and Performance Audio. Additionally, any changes or requests for service (including programming changes) after the final agreements, will result in a change order and will be billed separately.

Please direct any questions to Brad Wadsworth 801-466-3196 Ext 182

If this proposal is acceptable and the customer wishes to proceed, please have the appropriate customer representative initial at the bottom right of each page, sign/date and return with purchase arrangements.

Qty Description

## AV System

### Equipment Rack

**1 Listen Technologies Client Supplied Listen Everywhere System**

[OFE] - Client Supplied Listen Everywhere System

**1 Middle Atlantic PDX-920R**

20A 9 OUT MULTI-STAGE SURGE W/CTRL

**1 Middle Atlantic UFA-8-F2**

Rackshelf, 8 Inches Deep with 2 RU Faceplate, Weight Capacity: 35 Lbs., Black Powder Coat Finish

**2 Netgear M4250-26G4F-PoE+**

M4250-26G4F-PoE+ (GSM4230P) — AV Line 24x1G, PoE+ Budget 300W, 2x1G and 4xSFP Managed Switch, 24 x Gigabit Ethernet PoE+, 2 x Gigabit Ethernet Network, 4 x Gigabit Ethernet Expansion Slot, 1RU

**2 COVID 1LRX-PA-001**

Single-Port Service Network Panel, w/Logo, 1RU

**2 TP Link ER605**

Wired Gigabit VPN Router, Up to 3 WAN Ethernet Ports + 1 USB WAN, SPI Firewall SMB Router, Omada SDN Integrated, Load Balance, Lightning Protection

**1 Non-Specified Item - TBD Rack Assembly and Mounting Hardware**

**2 QSC CORE 24f**

Unified Core with 24 Local Audio I/O Channels, 160x160 Network I/O Channels, Dual LAN & AUX Ports, POTS and VoIP Telephony, 8x8 GPIO, 24 AEC Ch. @ 200 ms, OLED Screen, Includes Scripting/UCI functionality. 1RU.

**1 QSC QIO-L4o**

Q-SYS Peripheral, 4 Line Outputs. Up to 4 Devices Daisy-Chainable. 1U-1/4W, Powered Over Ethernet or +24 VDC. Surface Mountable, Rack Kit Sold Separately.

**1 QSC QIO-PSU**

Power Supply Accessory - Supports Up to two QIO Units with External Power

**1 QSC QIO-RMK**

Rack Mount Tray and Blanking Panels to Mount up to Four QIO Units in a 1U 19" Standard Rack Format

Qty	Description
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1 **RDL TX-J2**  
Unbalanced Input Transformer - Unbalanced Stereo Inputs to Summed Balanced Mono Output, RCA Inputs, Phoenix Connector Output

2 **Visionary Solutions D4100**  
A/V Decoder, 4K UHD Over IP Cinema Quality Ultra-Low Latency Visually Lossless Switch Matrix Routable, with Built-In Video Wall Functionality; POE

2 **Visionary Solutions AVIP-Rackmount-3**  
Rackmount Kit for up to 3 PacketAV Encoders and/or Decoders Horizontally in 1RU

**Theater Room**

1 **Netgear Client Supplied Network Switch**  
[OFE] - Client Supplied Network Switch

1 **Non-Specified Item - TBD Client Supplied Amplifier**  
[OFE] - Client Supplied Amplifier

**Performance Audio Device Configuration**  
Labor to setup and configure device

1 **Non-Specified Item - TBD Client Supplied Blaze Amp Controller**  
[OFE] - Client Supplied Blaze Amp Controller

1 **Non-Specified Item - TBD Client Supplied Speaker**  
[OFE] - Client Supplied Speaker

1 **Non-Specified Item - TBD Existing Display**  
[OFE] - Existing Display

1 **RDL TX-J2**  
Unbalanced Input Transformer - Unbalanced Stereo Inputs to Summed Balanced Mono Output, RCA Inputs, Phoenix Connector Output

1 **Hosa Hosa CMR-203**  
Stereo Breakout Cable, 3.5mm to Dual RCA, 3 Ft.

1 **Visionary Solutions D4100**  
A/V Decoder, 4K UHD Over IP Cinema Quality Ultra-Low Latency Visually Lossless Switch Matrix Routable, with Built-In Video Wall Functionality; POE

**Band Room**

Qty	Description
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**1 Global Cache IP2CC-P**

iTach TCP/IP to Contact Closure Converter with Power Over Ethernet - Connects Relay Devices to a Wired Connection, 3 Integrated Contact Closure Relays w/ Transient Voltage Suppression, Includes Power Supply

**1 Netgear M4250-10G2F-PoE+**

M4250-10G2F-PoE+ (GSM4212P) — AV Line 8x1G, PoE+ Budget 125W, 2x1G and 2xSFP Managed Switch, 8 x Gigabit Ethernet PoE+, 2 x Gigabit Ethernet Network, 2 x Gigabit Ethernet Expansion Slot, 1RU

**1 COVID 1LRS-PA-001**

Single-Port Service Network Panel, w/Logo, 1RU

**1 TP Link ER605**

Wired Gigabit VPN Router, Up to 3 WAN Ethernet Ports + 1 USB WAN, SPI Firewall SMB Router, Omada SDN Integrated, Load Balance, Lightning Protection

**1 Non-Specified Item - TBD Existing Projector**

[OFE] - Existing Projector

**1 Global Cache IP2SL-P**

iTach TCP/IP to Serial (RS232) With Power Over Ethernet

**1 Non-Specified Item - TBD Existing Screen**

[OFE] - Existing Screen

**1 QSC Client Supplied Core 110f V2**

[OFE] - Client Supplied Core 110f V2 and licenses

**1 QSC TSC-70-G3**

Q-SYS 7" PoE Touch Screen Controller for In-Wall Mounting. Includes 1 LAN Port and Aux Power Input, Available in Black Only.

**1 FSR WB-TSC-SM-7**

Locking Surface Mount Wall Box with Window (QSC 7" Touch Panels)

**1 Visionary Solutions D4100**

A/V Decoder, 4K UHD Over IP Cinema Quality Ultra-Low Latency Visually Lossless Switch Matrix Routable, with Built-In Video Wall Functionality; POE

**Choir Room**

**1 Global Cache IP2CC-P**

iTach TCP/IP to Contact Closure Converter with Power Over Ethernet - Connects Relay Devices to a Wired Connection, 3 Integrated Contact Closure Relays w/ Transient Voltage Suppression, Includes Power Supply

Qty	Description
1	<b>Netgear M4250-10G2F-PoE+</b> M4250-10G2F-PoE+ (GSM4212P) — AV Line 8x1G, PoE+ Budget 125W, 2x1G and 2xSFP Managed Switch, 8 x Gigabit Ethernet PoE+, 2 x Gigabit Ethernet Network, 2 x Gigabit Ethernet Expansion Slot, 1RU
1	<b>COVID 1LRS-PA-001</b> Single-Port Service Network Panel, w/Logo, 1RU
1	<b>TP Link ER605</b> Wired Gigabit VPN Router, Up to 3 WAN Ethernet Ports + 1 USB WAN, SPI Firewall SMB Router, Omada SDN Integrated, Load Balance, Lightning Protection
1	<b>Non-Specified Item - TBD Existing Projector</b> [OFE] - Existing Projector
1	<b>Global Cache IP2SL-P</b> iTach TCP/IP to Serial (RS232) With Power Over Ethernet
1	<b>Non-Specified Item - TBD Existing Screen</b> [OFE] - Existing Screen
1	<b>QSC CORE 24f</b> Unified Core with 24 Local Audio I/O Channels, 160x160 Network I/O Channels, Dual LAN & AUX Ports, POTS and VoIP Telephony, 8x8 GPIO, 24 AEC Ch. @ 200 ms, OLED Screen, Includes Scripting/UCI functionality.1RU.
1	<b>QSC TSC-70-G3</b> Q-SYS 7" PoE Touch Screen Controller for In-Wall Mounting. Includes 1 LAN Port and Aux Power Input, Available in Black Only.
1	<b>FSR WB-TSC-SM-7</b> Locking Surface Mount Wall Box with Window (QSC 7" Touch Panels)
1	<b>Visionary Solutions D4100</b> A/V Decoder, 4K UHD Over IP Cinema Quality Ultra-Low Latency Visually Lossless Switch Matrix Routable, with Built-In Video Wall Functionality; POE

**Orchestra Room**

- 1 **Global Cache IP2CC-P**  
 iTach TCP/IP to Contact Closure Converter with Power Over Ethernet - Connects Relay Devices to a Wired Connection, 3 Integrated Contact Closure Relays w/ Transient Voltage Suppression, Includes Power Supply

Qty	Description
1	<b>Netgear M4250-10G2F-PoE+</b> M4250-10G2F-PoE+ (GSM4212P) — AV Line 8x1G, PoE+ Budget 125W, 2x1G and 2xSFP Managed Switch, 8 x Gigabit Ethernet PoE+, 2 x Gigabit Ethernet Network, 2 x Gigabit Ethernet Expansion Slot, 1RU
1	<b>COVID 1LRS-PA-001</b> Single-Port Service Network Panel, w/Logo, 1RU
1	<b>TP Link ER605</b> Wired Gigabit VPN Router, Up to 3 WAN Ethernet Ports + 1 USB WAN, SPI Firewall SMB Router, Omada SDN Integrated, Load Balance, Lightning Protection
1	<b>Non-Specified Item - TBD Existing Projector</b> [OFE] - Existing Projector
1	<b>Global Cache IP2SL-P</b> iTach TCP/IP to Serial (RS232) With Power Over Ethernet
1	<b>Non-Specified Item - TBD Existing Screen</b> [OFE] - Existing Screen
1	<b>QSC CORE 24f</b> Unified Core with 24 Local Audio I/O Channels, 160x160 Network I/O Channels, Dual LAN & AUX Ports, POTS and VoIP Telephony, 8x8 GPIO, 24 AEC Ch. @ 200 ms, OLED Screen, Includes Scripting/UCI functionality.1RU.
1	<b>QSC TSC-70-G3</b> Q-SYS 7" PoE Touch Screen Controller for In-Wall Mounting. Includes 1 LAN Port and Aux Power Input, Available in Black Only.
1	<b>FSR WB-TSC-SM-7</b> Locking Surface Mount Wall Box with Window (QSC 7" Touch Panels)
1	<b>Visionary Solutions D4100</b> A/V Decoder, 4K UHD Over IP Cinema Quality Ultra-Low Latency Visually Lossless Switch Matrix Routable, with Built-In Video Wall Functionality; POE
<b>Lobby</b>	
2	<b>Global Cache IP2SL-P</b> iTach TCP/IP to Serial (RS232) With Power Over Ethernet
2	<b>Non-Specified Item - TBD Existing Display</b> [OFE] - Existing Display

Qty	Description
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**2 Visionary Solutions D4100**

A/V Decoder, 4K UHD Over IP Cinema Quality Ultra-Low Latency Visually Lossless Switch Matrix Routable, with Built-In Video Wall Functionality; POE

**Stage**

**1 Allen-Heath AH-AB-168-RK19**

Optional Rack Mount Kit for AB-168, DX-168, DT-168

**1 Allen-Heath AH-DX168**

16 x 8 Audio Expander w/ dLive 96kHz Mic Preamps, 96kHz/48kHz

**2 Non-Specified Item - TBD Existing Wired Microphone Input Jack**

[OFE] - Existing Wired Microphone Input Jack

**1 Performance Audio Existing HDMI Input**

[OFE] - Existing HDMI Input

**1 QSC TSC-70-G3**

Q-SYS 7" PoE Touch Screen Controller for In-Wall Mounting. Includes 1 LAN Port and Aux Power Input, Available in Black Only.

**1 FSR WB-TSC-SM-7**

Locking Surface Mount Wall Box with Window (QSC 7" Touch Panels)

**1 Visionary Solutions E4100**

A/V Encoder, 4K UHD Over IP Cinema Quality Ultra-Low Latency Visually Lossless Switch Matrix Routable, with Built-In Video Wall Functionality; POE

**1 Visionary Solutions AVIP-Rackmount-3**

Rackmount Kit for up to 3 PacketAV Encoders and/or Decoders Horizontally in 1RU

**FOH Booth**

**3 Allen-Heath AH-DX88-P-RK19**

Rack Mount kit for DX88-P

**1 Allen-Heath AH-DX-HUB**

4 DX Link Port Hub, Each Hub Carrying 32 x 32 Ch. of 96KHz Audio, Connect up to (8) DX Expander Units, Works with dLive, Avantis, SQ and AHM Series Consoles

**1 Allen-Heath Avantis**

96kHz FPGA processing, 64 Input Channels, 24 Faders / 6 Layers, 42 Mix busses, Dual 15.6" Touch Panels

Qty	Description
3	<b>Allen-Heath DX88-P</b> 8in x 8out I/O with Phoenix Connectors
1	<b>Allen-Heath Existing - DX88-P</b> [OFE] - Existing - 8in x 8out I/O with Phoenix Connectors
1	<b>Allen-Heath Existing DX88-P</b> [OFE] - Existing - 8in x 8out I/O with Phoenix Connectors
1	<b>Apple Owner Furnished APPLE TV HD 32GB</b> [OFE] - Owner Furnished APPLE TV HD 32GB
1	<b>Performance Audio Existing HDMI Input</b> [OFE] - Existing HDMI Input
1	<b>QSC TSC-70-G3</b> Q-SYS 7" PoE Touch Screen Controller for In-Wall Mounting. Includes 1 LAN Port and Aux Power Input, Available in Black Only.
1	<b>QSC TSC-710t-G3</b> Table Top Mounting Accessory for TSC-70W-G3 and TSC-101W-G3, Supports Landscape Orientation Only, Available in Black Only.
1	<b>Visionary Solutions E4100</b> A/V Encoder, 4K UHD Over IP Cinema Quality Ultra-Low Latency Visually Lossless Switch Matrix Routable, with Built-In Video Wall Functionality; POE
1	<b>Visionary Solutions AVIP-Rackmount-3</b> Rackmount Kit for up to 3 PacketAV Encoders and/or Decoders Horizontally in 1RU
1	<b>Visionary Solutions E4100</b> A/V Encoder, 4K UHD Over IP Cinema Quality Ultra-Low Latency Visually Lossless Switch Matrix Routable, with Built-In Video Wall Functionality; POE
<b>Wire</b>	
4000	<b>Pro Grade Cat 6</b> Cat 6 cable. 4 pair of 23 AWG.
1000	<b>Pro Grade Mic Wire</b> 2 Conductor, 22 AWG mic wire.
<b>Labor</b>	

Qty	Description
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**10 Day Rate Labor Package (State Contract)**

Labor Package with Programming and Installation broken out to equal PA day rate as per State Contract

**Performance Audio Day Rate Installation (State Contract)**

**Performance Audio Day Rate Programming (State Contract)**

**Project Management**

*Includes man lift rental, freight, miscellaneous lot hardware items, labor for project management and coordination, etc.*

**1 Design-Build Project - Design, Commissioning, and Coordination**

**Main Room**

**1 Global Cache IP2CC-P**

iTach TCP/IP to Contact Closure Converter with Power Over Ethernet - Connects Relay Devices to a Wired Connection, 3 Integrated Contact Closure Relays w/ Transient Voltage Suppression, Includes Power Supply

**1 Global Cache IP2SL-P**

iTach TCP/IP to Serial (RS232) With Power Over Ethernet

**1 Non-Specified Item - TBD Existing Projection Screens - Surface Mount**

[OFE] - Existing Projection Screens - Surface Mount

**1 Non-Specified Item - TBD Existing Projector**

[OFE] - Existing Projector

**1 Pro Grade 1/8" to Dual RCA Cable 6 ft**

iPod to RCA Cable

**1 QSC NC-12x80**

12x Optical Zoom 80° Horizontal Field of View, PTZ Network Camera, PoE, with HDMI and SDI Output. Includes PTZ-WMB1 Wall Mount Bracket

**1 Visionary Solutions D4100**

A/V Decoder, 4K UHD Over IP Cinema Quality Ultra-Low Latency Visually Lossless Switch Matrix Routable, with Built-In Video Wall Functionality; POE

**1 Visionary Solutions AVIP-Rackmount-3**

Rackmount Kit for up to 3 PacketAV Encoders and/or Decoders Horizontally in 1RU

**Qty**      **Description**

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AV System Equipment Sub Total:      \$76,510.67

AV System Labor Sub Total:      \$28,632.76

**AV System Sub Total:      \$105,143.43**

Grand Total on Page 14



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**Business Administrator: Appointment, Term of Office, and Interim Appointment  
Policy Series: 1000 Board of Education**

**Policy No. 1520**

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**Appointment**

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The Board shall appoint a Business Administrator.

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**Term of office**

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The Business Administrator's term of office is for two years and until a successor is appointed and qualified. ~~On or after May 8, 2012, The Board may not enter into an employment contract that contains an automatic renewal provision with the Business Administrator.~~

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**No Business Administrator Appointments During Interim Vacancy Period**

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As used in this policy, "interim vacancy period" means the period of time that:

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1. begins on the day on which a general election is held to elect a member of the Board;  
and
2. ends on the day on which the member-elect begins.

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~~The Board may not appoint a business administrator during an interim vacancy period. However, the Board may appoint an interim business administrator during an interim vacancy period; and the interim business administrator's term shall expire once a new business administrator is appointed by the new Board after the interim vacancy period has ended.~~

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During an interim vacancy period — such as the time between a school board election and when new board members take office — the current board may not hire or appoint a **permanent** business administrator.

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However, to ensure district operations continue smoothly, the board **may appoint an interim business administrator** to serve temporarily during this period. The interim business

41 administrator's appointment will automatically end once the newly seated board appoints a  
42 permanent business administrator.

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44 ~~The interim business administrator requirement does not apply if all the Board members who~~  
45 ~~held office on the day of the general election whose term of office was vacant for the election~~  
46 ~~are reelected to the Board for the following term.~~

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48 The requirement for an interim business administrator does not apply if a quorum of 4 or more  
49 board members will remain on the board or are re-elected for the next term.

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## 52 **Interim appointment**

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54 If it becomes necessary to appoint an interim business administrator due to a vacancy in the  
55 office of business administrator, then the Board shall make an appointment during a public  
56 meeting for an indefinite term not to exceed one year, which term shall end upon the  
57 appointment and qualification of a new Business Administrator.

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## 60 **Legal References**

61

62 [Utah Code § 53G-4-302\(1\) \(2018\)](#)

63 [Utah Code § 53G-4-302\(2\) \(2018\)](#)

64 [Utah Code § 53G-4-302\(3\), \(5\) \(2018\)](#)

65 [Utah Code § 53G-4-302\(3\) \(2018\)](#)

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68 **Board Approved:** August 13, 2013

69 Revised:

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**Business Administrator Qualifications and Responsibilities**  
**Policy Series: 1000 Board of Education**

**Policy No. 1523**

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**Oath of Office**

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The Business Administrator qualifies for office by taking **and signing** the constitutional oath of office:

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“I do solemnly swear (or affirm) that I will support, obey and defend the Constitution of the United States and the Constitution of Utah, and that I will discharge the duties of my office with fidelity.”

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**After the Business Administrator has taken and signed the oath of office, the oath shall be filed with the Business Administrator.**

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**General Responsibilities**

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Working under the direction of the Board of Education and the Superintendent, the Business Administrator shall:

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1. Have custody of the Board’s seal and use the seal to authenticate all matters requiring authentication.
2. Attend all meetings of the Board, keep accurate records of its proceedings as required by law, subject to requirements that certain closed meetings not be recorded, as set forth in [Policy 1402](#), and have custody of the records of the Board;
3. Be custodian of all District funds, be responsible and accountable for all money received and disbursed, keep accurate records for all revenues received and their sources;
4. Countersign with the President of the Board all warrants and claims against the District as well as other legal documents approved by the Board;
5. Prepare and submit to the Board each month a written report of the District’s receipts and expenditures;
6. Use uniform budgeting, accounting, and auditing procedures in forms approved by the State Board of Education, which shall be in accordance with the generally accepted

- 41 accounting principles or auditing standards [and with Title 63J, Chapter 1, Utah](#)  
42 [Budgetary Procedures Act](#);
- 43 7. Prepare and submit to the Board a detailed annual statement for the period ending June
  - 44 30, of the revenue and expenditures, including beginning and ending fund balances;
  - 45 8. Assist the Superintendent in the preparation and submission of budget documents and
  - 46 statistical and fiscal reports required by the law or the State Board of Education;
  - 47 9. **Ensure** that adequate internal controls are in place to safeguard the District's funds; and
  - 48 10. Perform other duties as assigned by the Board and Superintendent.

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51 **Legal References:**

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53 [Utah Code § 53G-4-302\(4\) \(2018\)](#)

54 [Article IV, Section X, Utah State Constitution](#)

55 [Utah Code § 52-1-6 \(2025\)](#)

56 [Utah Code § 53G-4-401\(3\) \(2019\)](#)

57 [Utah Code § 53G-4-303 \(2019\)](#)

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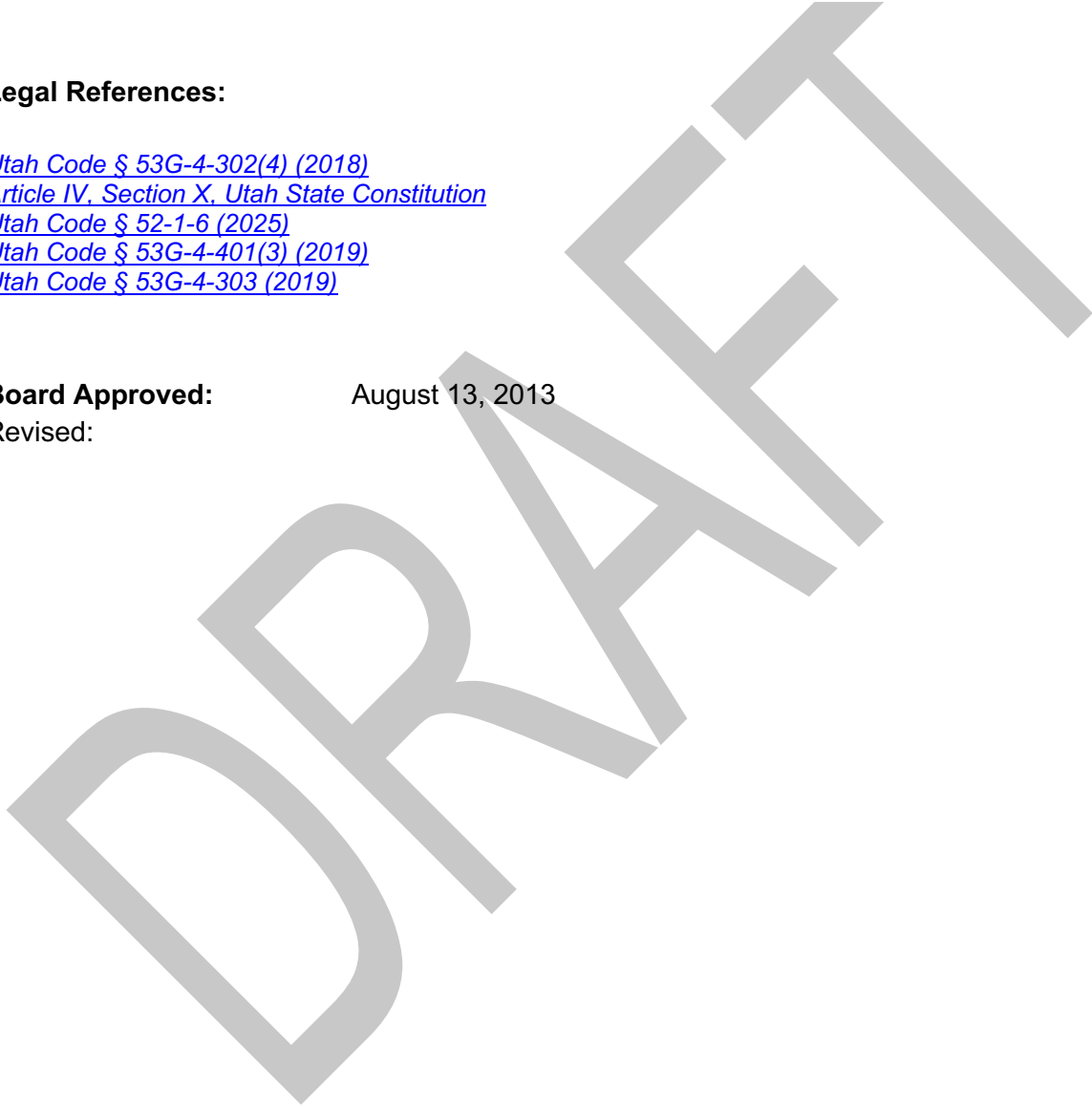
60 **Board Approved:**

August 13, 2013

61 Revised:

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**Administrative Personnel: Administrative Appointments  
Policy Series: 1000 Board of Education**

**Policy No. 1540**

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**Administrative appointment**

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All administrators of the District will be appointed by the Board only upon the recommendation of the Superintendent. Should a person nominated by the Superintendent be rejected by the Board, it shall be the Superintendent's duty to make another nomination.

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~~In determining which individual to recommend for school administrative position, the Superintendent will consider the advice of an Administrative Recommendation Committee appointed by the Board, which will consist of two board members, one Principal, two teachers and two patrons. Where the administrator will be assigned to work at a specific building, the Superintendent will also consider the advice of the building Principal.~~

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24

At least once a year, Provo City School District will open administrative positions for applicants to seek entry into the candidate pool. Applicants will complete the following:

25  
26  
27

1. Online application, which may include a resume and letter of intent;
2. Proof of administrative licensure;
3. List of references and/or letters of recommendation.

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Once the application window has closed, the applications will be screened by a committee of district leaders. District leaders will not see the names of the candidates as the applications are screened, and an approved rubric will be utilized to score the applicants. Those candidates who reach a determined cut score will then be invited for an interview.

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The interview process for applicants seeking entry into the candidate pool will be as follows:

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1. The Superintendent or Designee will form an Administrative Recommendation Committee that consists of one or two board members, Cabinet members, Human Resources Director or Assistant Director, at least one current principal, at least one current teacher or a representative from the teacher's predominant association, and at least one parent. Best practice would include individuals from all parts of the district to ensure multiple perspectives are represented in the interview process. It is important to

41 note that this committee is a recommendation committee only, and the final  
42 recommendation will come from the Superintendent as they consult with the Board of  
43 Education.

- 44 2. Interviews will be conducted the same for each candidate, with the same questions and  
45 rubric applied to each candidate.

46  
47 Once the interview process has concluded, the Superintendent will collaborate with Cabinet to  
48 tabulate the screening score from the applications, the interview score, and references from the  
49 candidates' current or most recent supervisors. If a candidate achieves a minimum cut score,  
50 they will be placed into the administrative candidate pool.

51  
52 When a position at a specific school becomes available, the Superintendent will work with the  
53 Cabinet to determine the best fit for each administrative assignment. A follow-up interview with  
54 the Superintendent or designee and the proposed candidate may be required to determine the  
55 best placement for the candidate. From there, the Superintendent will consult with the Board of  
56 Education to discuss potential placements of candidates.

57  
58 If for any reason, there are no candidates available in the pool or there are no candidates who  
59 have reached the minimum score and qualifications, a singular position may be posted for a  
60 specific administrative assignment. The above steps for entry into the candidate pool will be  
61 applied in this instance, although it is possible that with the time constraints, a large  
62 administrative recommendation committee may not be assembled. In this case, attempts will be  
63 made to ensure that stakeholders' voices are considered in the decision-making process.

#### 64 65 66 **Criteria**

67  
68 Selection shall be based on written criteria which relate to the position requirements. The  
69 selection process shall be uniform, with all applicants undergoing the same process. All  
70 applicants shall be fully informed of the criteria and procedures associated with the selection  
71 process prior to an interview or at the beginning of the interview.

#### 72 73 74 **Certification**

75  
76 All personnel selected must be appropriately licensed by the State Board of Education to serve  
77 in an administrative position requiring licensure before they can receive any salary from the  
78 District.

79  
80 An administrator who is assigned as a principal, vice principal, or assistant principal must have  
81 a current educator license and a school leadership license area of concentration.

#### 82 83 84 **Legal References:**

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[Utah Admin. Rules R277-309-4\(15\) \(August 22, 2022\)](#)

[Utah Admin. Rules R277-305-2\(2\) \(May 8, 2024\)](#)

**Board Approved:** August 13, 2013

Revised:

DRAFT

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Policy Series: 1000 Board of Education**

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**Board Approved:** August 13, 2013

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DRAFT

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**District Annual Reports**  
**Policy Series: 1000 Board of Education**

**Policy No. 1620**

**Fiscal year**

The District's fiscal year begins on July 1 and ends on June 30.

**Annual Fiscal Audit and Report**

The District's accounts shall be audited annually at District expense by an independent auditor who is a competent, certified public accountant. The audit shall be conducted in conformance with the requirements of [Utah Code § 51-2a-102\(2\)](#), and an audit report will be prepared according to the requirements of [Utah Code § 51-2a-102\(3\)](#). ~~Utah Code. The subsequent audit report will also be prepared according to the requirements of Utah Code.~~ The District shall use fund and program accounting methods and standardized account codes capable of producing financial reports that comply with generally accepted accounting principles, financial reporting requirements established by the State Board of Education under [Utah Code § 53E-3-501](#), and accounting standards established by the state auditor as described in [Utah Code § 51-2a-301](#).

Copies of the audit report shall be submitted as follows:

1. A copy of the audit report shall be submitted to the Board of Education in October each year.
2. ~~The expenditures for the prior fiscal year shall be submitted to the State Superintendent of Public Education by October 1.~~
3. After any necessary audit adjustments are made to the audit report and verified by the auditor or auditors, the completed audit report shall be delivered to the ~~State Office of Education in accordance with established deadlines.~~ [State Superintendent of Public Education by November 30.](#)
4. A copy of the completed audit report and financial certification shall be filed with the ~~Auditor General's office~~ [State Auditor no later than December 31.](#) ~~in accordance with established deadlines~~

41 The Board of Education has established a separate District Audit Committee comprised of no  
42 more than three board members, the Superintendent, and the Business Administrator. ~~is the~~  
43 ~~District Audit Committee unless the board establishes a separate District Audit Committee by~~  
44 ~~majority vote.~~ Additional District Audit Committee members may be appointed by members of  
45 the District Audit Committee as needed according to [Policy 6060](#).

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#### 48 **Other statistical and financial reports**

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50 The District shall forward statistical and financial reports for the preceding school year,  
51 containing items required by law or by the State Board of Education, to the State  
52 Superintendent at the times and in the forms and containing the information required by the  
53 State Board of Education.

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55

#### 56 **Annual Letter of Assurances**

57

58 Unless authorization for later submission has been obtained from the State Office of Education,  
59 ~~by October 1 of each year,~~ **by July 1 of each year,** the Board shall send the State  
60 Superintendent of Public Education **the Board's responses to the assurance document and**  
61 **other compliance forms.** The Board's assurance document shall contain a signed attestation by  
62 **the appropriate authority attesting to the accuracy and validity of all responses and assurances**  
63 **provided by the District.** ~~the letter containing the assurances required by the State Office of~~  
64 ~~Education regulations.~~

65

66

#### 67 **Legal References:**

68 [Utah Code § 53G-4-403\(1\) \(2019\)](#)

69 [Utah Code § 51-2a-102 \(2023\)](#)

70 [Utah Code § 51-2a-201\(1\) \(2017\)](#)

71 [Utah Code § 51-2a-202 \(2019\)](#)

72 [Utah Code § 53G-4-404 \(2020\)](#)

73 [Utah Code § 53G-4-403 \(2019\)](#)

74 [Utah Code § 53G-4-404 \(2019\)](#)

75 [Utah Admin. Rules R277-484-1 \(August 7, 2024\)](#)

76 [Utah Admin. Rules R277-484-3 \(August 7, 2024\)](#)

77 [Utah Admin. Rules R277-484-4 \(August 7, 2024\)](#)

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80 **Board Approved:** August 13, 2013

81 Revised:

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