

DESIGN LOADS

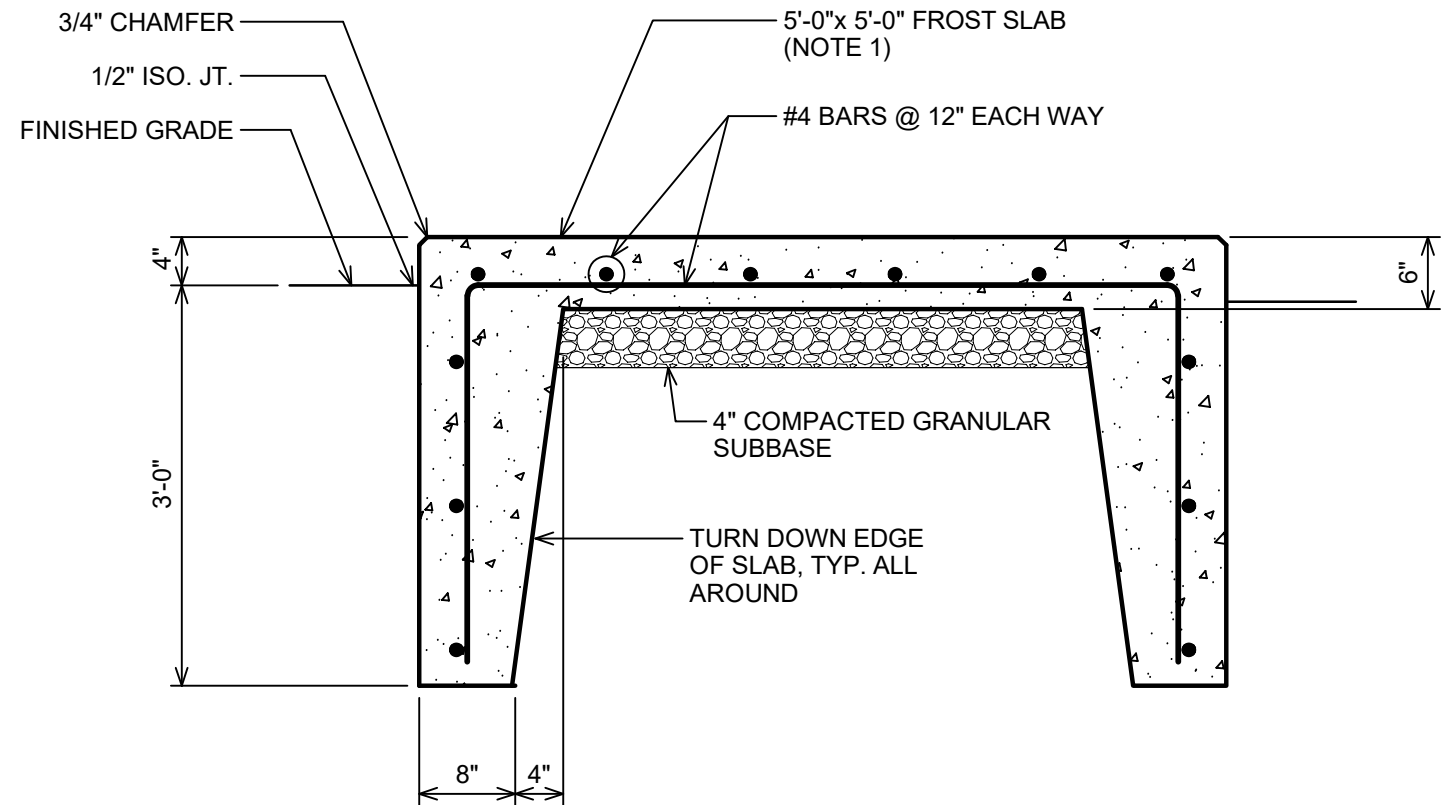
- DL-1 SCULPTURE WEIGHT 300#
- DL-2 SCULPTURE BASE 3000#

CAST-IN-PLACE CONCRETE

- C-1 ALL REINFORCED CONCRETE WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE" (ACI 318-19) OF THE AMERICAN CONCRETE INSTITUTE.
- C-2 MINIMUM f_c REQUIRED AT 28 DAYS:
 EXTERIOR SLABS 5000 PSI
 MAXIMUM WATER CEMENT RATIO:
 EXTERIOR SLABS 0.40
- C-3 ALL CONCRETE SHALL BE NORMAL WEIGHT CONCRETE (144 PCF±) WITH ALL CEMENT CONFORMING TO ASTM C150, TYPE I. MAXIMUM AGGREGATE SIZE SHALL BE 3/4" CONFORMING TO ASTM C33.
- C-4 REINFORCEMENT
 DEFORMED BARS ASTM A615, GRADE 60
- C-5 MINIMUM CONCRETE COVER FOR REINFORCING STEEL:
 CONCRETE EXPOSED TO WEATHER:
 #5 BARS AND SMALLER 1-1/2"
 BARS LARGER THAN #5 2"
 CONCRETE IN CONTACT WITH EARTH 3"
- C-6 CONTRACTOR SHALL COORDINATE THE LOCATION OF ALL CONCRETE OPENINGS AND/OR PENETRATIONS REQUIRED FOR OTHER TRADES PRIOR TO PLACING CONCRETE.
- C-7 CONDUITS OR PIPES EMBEDDED IN SLABS SHALL NOT HAVE AN OUTSIDE DIMENSION LARGER THAN 1/3 THE SLAB THICKNESS AND SHALL BE SPACED NO CLOSER THAN 3 DIAMETERS ON CENTER. ALUMINUM CONDUITS SHALL NOT BE EMBEDDED IN CONCRETE.

MISCELLANEOUS

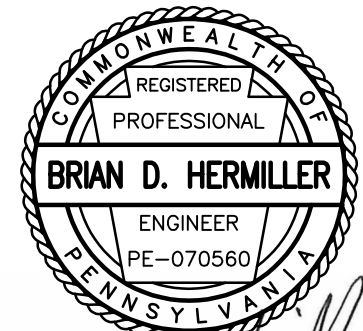
- Z-1 VERIFY ALL EXISTING DIMENSIONS AND CONDITIONS PRIOR TO FABRICATION OF ANY STRUCTURAL COMPONENTS. IMMEDIATELY NOTIFY THE ENGINEER AND ARCHITECT OF ANY DISCREPANCIES FOUND DURING FIELD VERIFICATION.
- Z-2 USE EXTREME CAUTION DURING EXCAVATION AND THE DEMOLITION OF EXISTING STRUCTURES. DEMOLITION AND EXCAVATION SHALL BE CARRIED OUT BY METHODS THAT WILL NOT AFFECT THE INTEGRITY OF EXISTING STRUCTURES TO REMAIN. PROVIDE SHORING AND BRACING WHERE REQUIRED.
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MASCOT SCULPTURE FROST SLAB DETAIL

SCALE: NO SCALE

NOTE: COORDINATE EXACT SIZE AND LOCATION WITH OWNER.



Brian D. Hermiller

TSE Taylor Structural Engineers, Inc.	TSE Project No. 8969
	Date: MAY 26, 2026
Project Title: CCAC MASCOT FROST SLAB MAIN CAMPUS 808 RIDGE AVE. PITTSBURGH, PA	Scale: 3/4" = 1'-0"
	Drawing No. SK-1

DESIGN LOADS

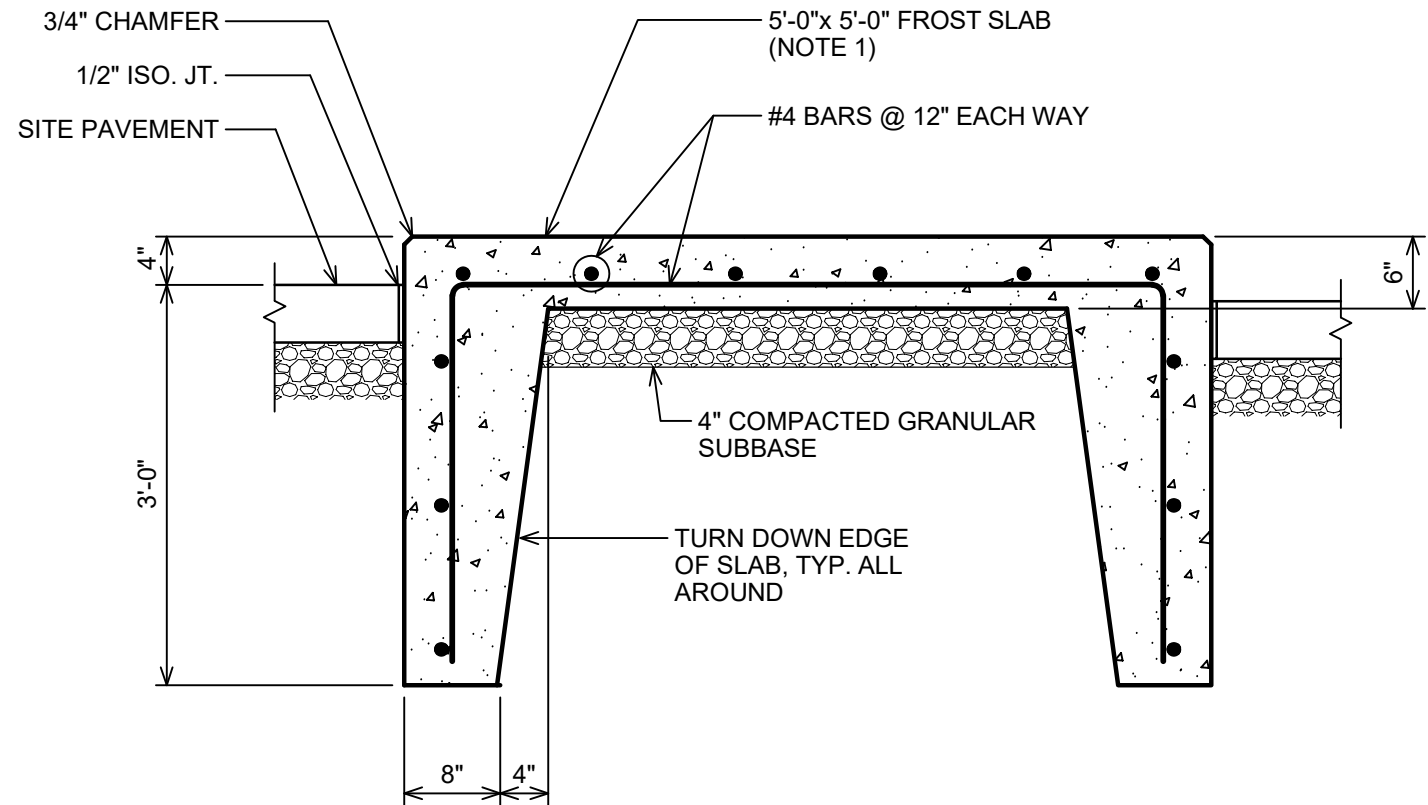
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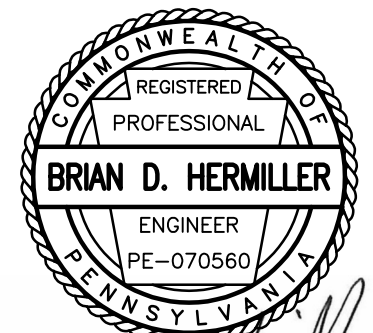
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MASCOT SCULPTURE FROST SLAB DETAIL

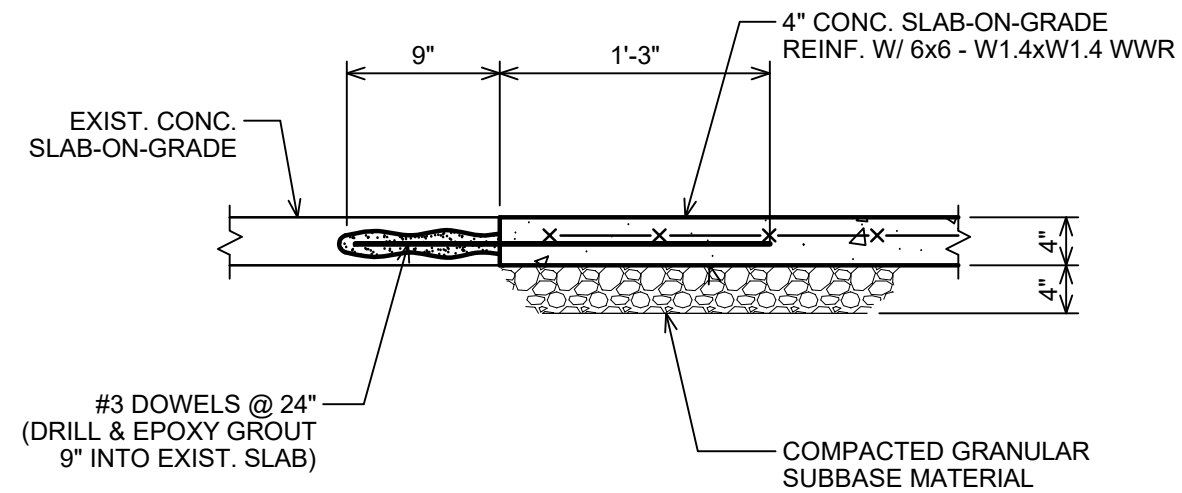
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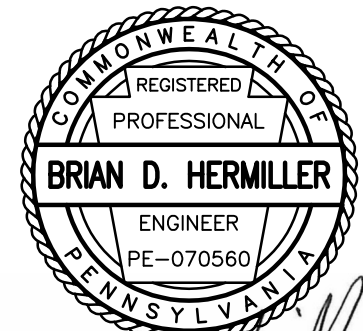
TSE Taylor Structural Engineers, Inc.	TSE Project No. 8969
	Date: MAY 26, 2026
Project Title: CCAC MASCOT FROST SLAB BOYCE CAMPUS 595 BEATTY ROAD MONROEVILLE, PA	Scale: 3/4" = 1'-0"
	Drawing No. SK-1



TYPICAL SLAB-ON-GRADE REPLACEMENT TIE-IN DETAIL

SCALE: NO SCALE

NOTE: USE THIS DETAIL TO PATCH EXISTING SITE PAVEMENT THAT IS REMOVED OR DAMAGED DURING INSTALLATION OF SCULPTURE FROST SLAB.



Brian D. Hermiller

TSE Taylor Structural Engineers, Inc.	TSE Project No. 8969
	Date: MAY 26, 2026
Project Title: CCAC MASCOT FROST SLAB BOYCE CAMPUS 595 BEATTY ROAD MONROEVILLE, PA	Scale: 3/4" = 1'-0"
	Drawing No. SK-2

DESIGN LOADS

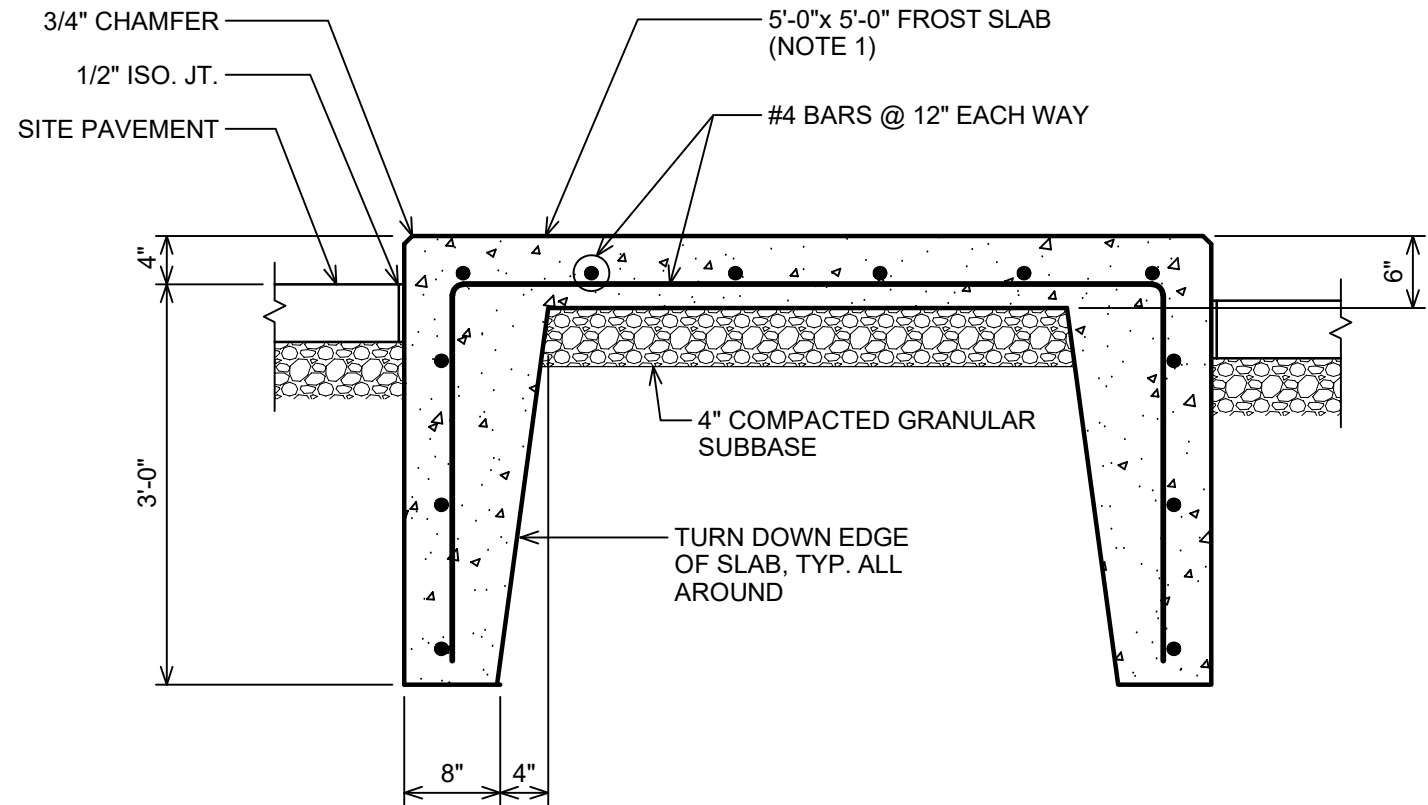
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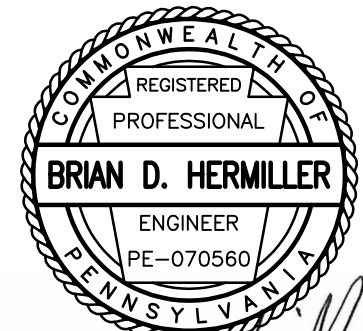
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MASCOT SCULPTURE FROST SLAB DETAIL

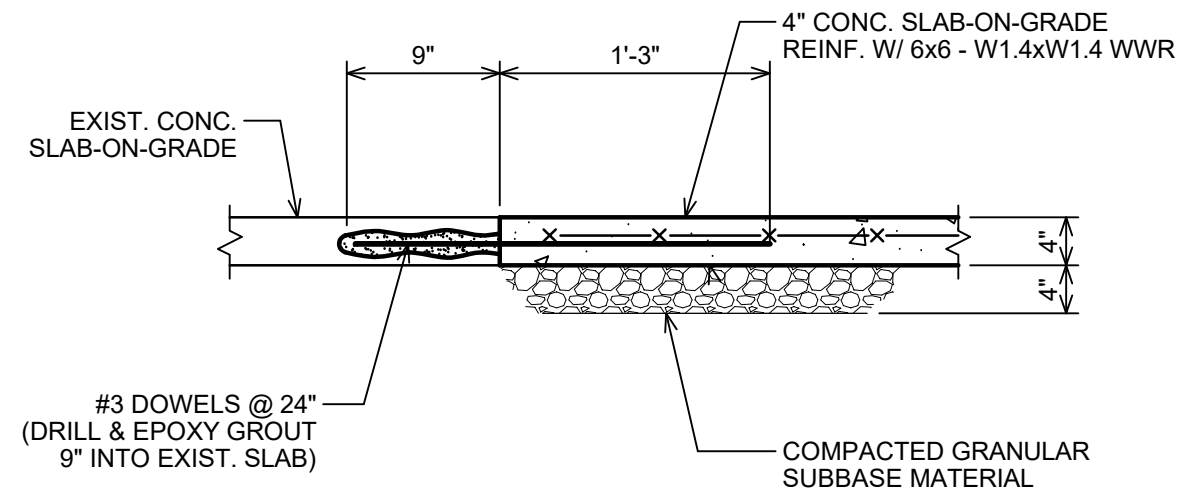
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Brian D. Hermiller

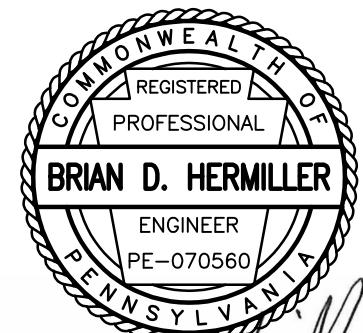
TSE Taylor Structural Engineers, Inc.	TSE Project No. 8969
	Date: MAY 26, 2026
Project Title: CCAC MASCOT FROST SLAB NORTH CAMPUS 8701 PERRY HIGHWAY PITTSBURGH, PA	Scale: 3/4" = 1'-0"
	Drawing No. SK-1



TYPICAL SLAB-ON-GRADE REPLACEMENT TIE-IN DETAIL

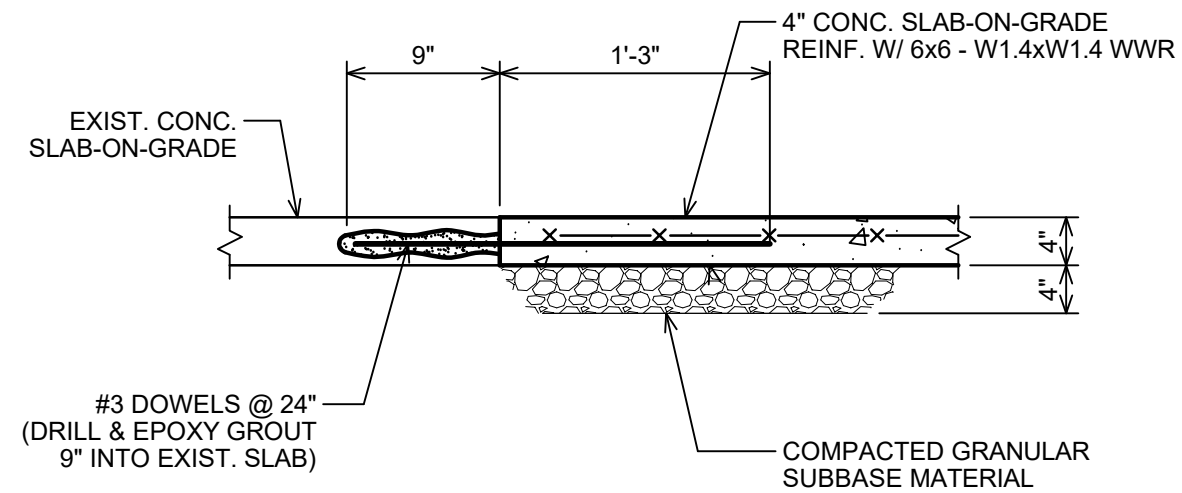
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Brian D. Hermiller

TSE Taylor Structural Engineers, Inc.	TSE Project No. 8969
	Date: MAY 26, 2026
Project Title: CCAC MASCOT FROST SLAB NORTH CAMPUS 8701 PERRY HIGHWAY PITTSBURGH, PA	Scale: 3/4" = 1'-0"
	Drawing No. SK-2



TYPICAL SLAB-ON-GRADE REPLACEMENT TIE-IN DETAIL

SCALE: NO SCALE

NOTE: USE THIS DETAIL TO PATCH EXISTING SITE PAVEMENT THAT IS REMOVED OR DAMAGED DURING INSTALLATION OF SCULPTURE FROST SLAB.



Brian D. Hermiller

TSE Taylor Structural Engineers, Inc.	TSE Project No. 8969
	Date: MAY 26, 2026
Project Title: CCAC MASCOT FROST SLAB SOUTH CAMPUS 1750 CLAIRTON ROAD WEST MIFFLIN, PA	Scale: 3/4" = 1'-0"
	Drawing No. SK-2