

This cross-section detail illustrates the construction of a granite stair tread and its supporting concrete base. The diagram includes the following components and dimensions:

- Granite Stair Tread:** The top surface of the stair, labeled "GRANITE STAIR TREAD (TYP.)" with "ITEM 9.95 S14" and "SEE NOTE 2".
- Concrete Base:** Labeled "CONCRETE BASE ITEM 4.06".
- Mortar Setting Bed:** A layer of "MORTAR SETTING BED, 1 1/2\" (MIN.)" between the concrete base and the granite tread.
- Reinforcement:**
 - "#4 @ 12\" (MIN.)" reinforcement bars in the concrete base.
 - "#4 AT EACH NOSING, 2\" CLEAR" reinforcement bars.
 - "#4 @ 12\" EA. FACE" reinforcement bars on the vertical face of the concrete base.
- Expansion Joint:** An "EXPANSION JOINT (TYP.) (SEE DETAIL THIS SHEET)" is shown in the concrete base.
- Concrete Landing:** Labeled "CONCRETE LANDING (TYP.)".
- Subgrade and Filling:**
 - "6\" CRUSHED STONE" filling above the "COMPACTED SUBGRADE (SEE NOTE 1)".
 - "6\" MIN." dimension for the crushed stone layer.
- Dimensions and Spacing:**
 - Overall width: "2'-0\" (TYP.)".
 - Vertical dimensions: "3'-6\"", "1'-0\"", "6\"", "7\" (TYP.)", "11\" (TYP.)", and "2\"".
 - Horizontal dimensions: "1'-0\"", "6\"", and "2'-0\" (TYP.)".

1'-6"

GRANITE COPING

HANDRAIL
ITEM 7.55 WF
(SEE DWG. A-124)

ELASTOMERIC
SEALANT BETWEEN
ROD AND STONE
ITEM 7.55 WF

9"

1/2" Ø THREADED STEEL ROD
WELDED TO MOUNTING
BRACKET AND EMBEDDED IN
NON-SHRINK GROUT

ITEM 9.95 SFN

NOTES:

1. PROVIDE FILL AS NEEDED AND AS DIRECTED BY THE ENGINEER; ITEM 4.11 CA.
2. GRANITE COPING AND STAIR TREADS SHALL BE OF THE SIZE SHOWN, AND MEET REQUIREMENTS OF SPECIFICATION SECTION 9.95 CS.
3. CONCRETE AND REINFORCEMENT FOR LIGHT POLE FOUNDATIONS ARE PAID UNDER ITEM 4.06 AND ITEM 4.14, RESPECTIVELY.
4. FOR LIGHT POLE ANCHOR BOLT CONNECTION DETAILS SEE LIGHTING PLANS SL1 AND SL2.
5. ALL REINFORCING STEEL PAID UNDER ITEM 4.14.
6. ANCHOR BOLTS FOR NEW LAMPPOST SHALL MEET THE REQUIREMENTS OF NYCDOT DSL STANDARD DWG. 3854. EXCESS LENGTH SHALL BE AS SHOWN ON THESE PLANS AND COST SHALL BE INCLUDED IN THE PRICE BID FOR ITEM 4.14.

Diagram of a 20' square foundation with reinforcement details:

- 12 1/2" Ø BOLT CIRCLE (TYP.)
- #4 TIES
- 2" CLEAR ALL AROUND
- (4) 3/4" Ø ANCHOR BOLTS (TYP.)
- 20' SQUARE
- (8) #4 BARS

SECTION
SCALE 1"=1'-0"

2'-0"

4"

#4 TIES @ 9"

#4 BARS

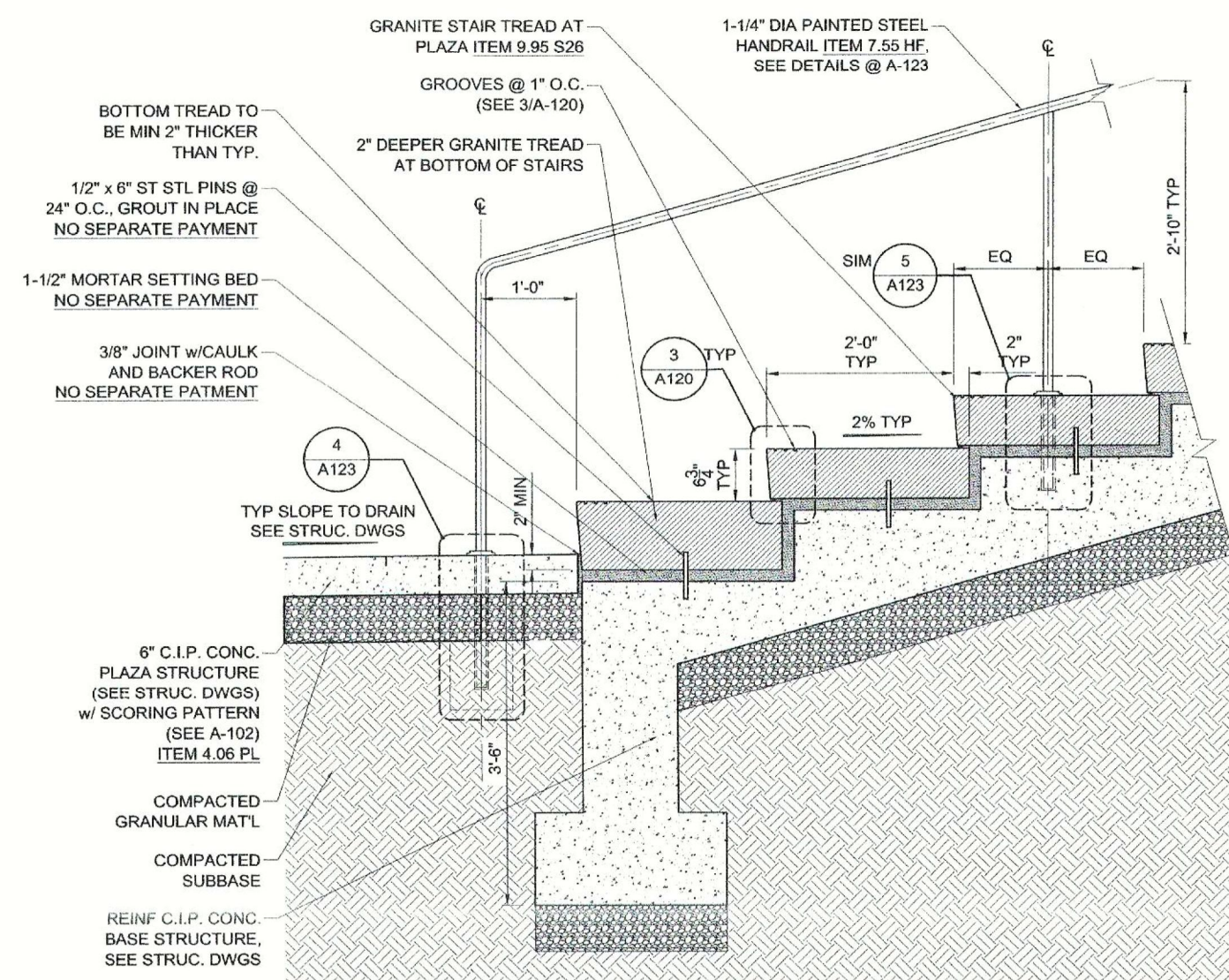
20" SQUARE
ITEM 4.06

4'-0"

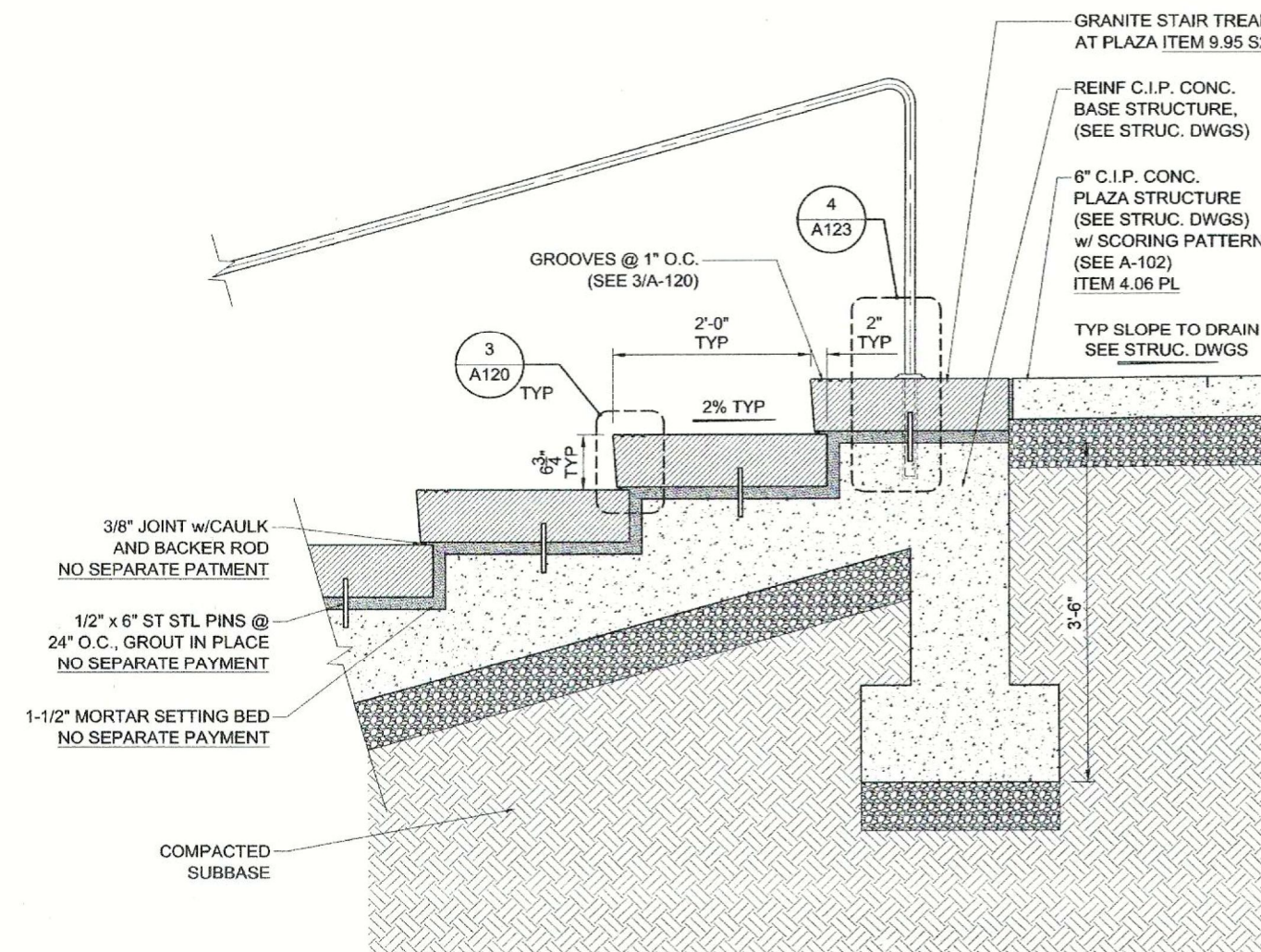
(4) 3/4" Ø ANCHOR BOLT (TYP.)
(SEE NOTE 6)

Technical drawing of a wall cross-section. The drawing shows a stone facing on the left, followed by a concrete wall. The wall is reinforced with #3 tie bars at 9" intervals and #4 bars. The total height of the wall is 2'-9". The stone facing is 2'-0" high. The concrete wall is 4'-0" high. The total width of the wall is 2'-2". The bottom of the wall is labeled 'ITEM 4.06'. The drawing includes labels for 'STONE FACING ITEM 9.95 SFN', '#3 TIE @ 9"', '#4 BAR', and '(4) 3/4" Ø ANCHOR BOLT (TYP.) (SEE NOTE 6)'. Dimensions are given in feet and inches: 2'-9", 2'-0", 4'-0", 2'-2", and 4'-0.6".

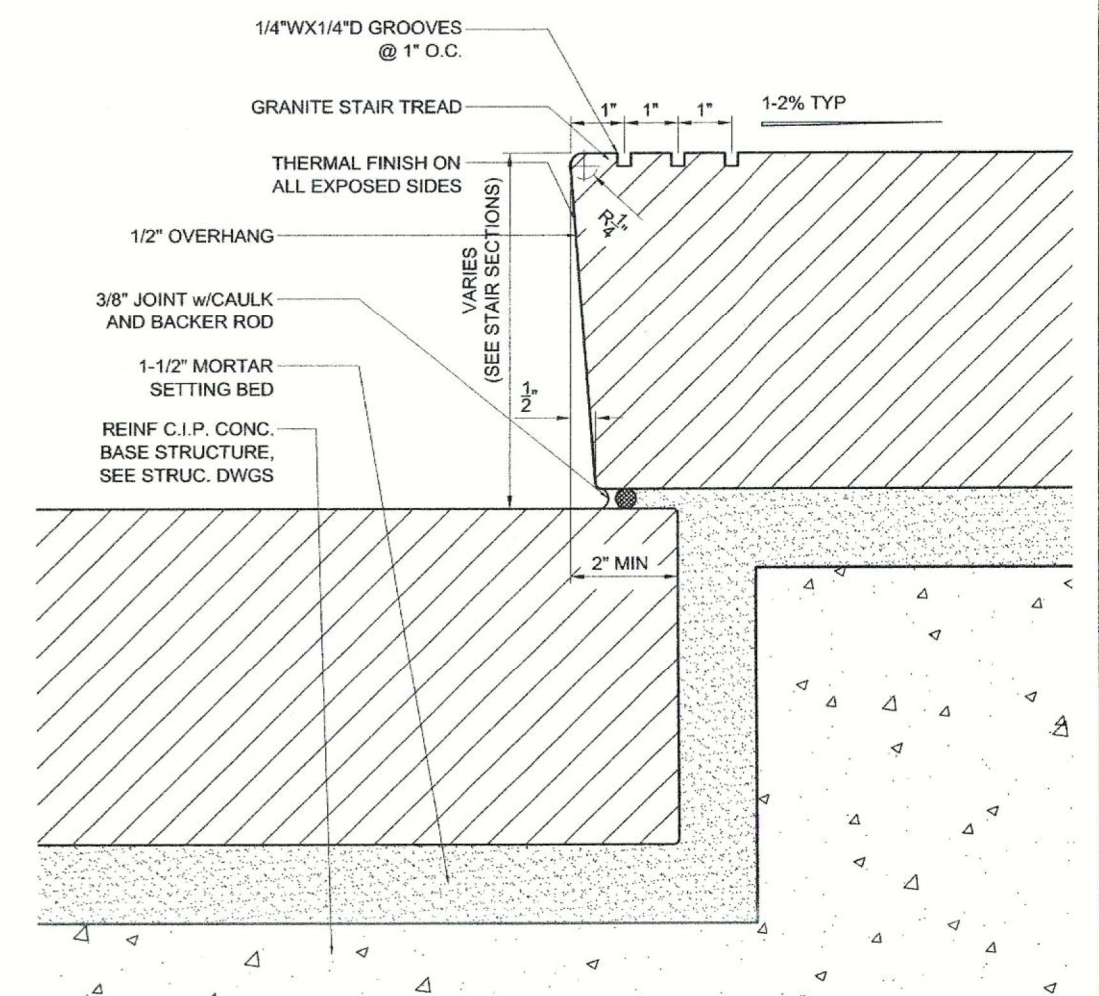
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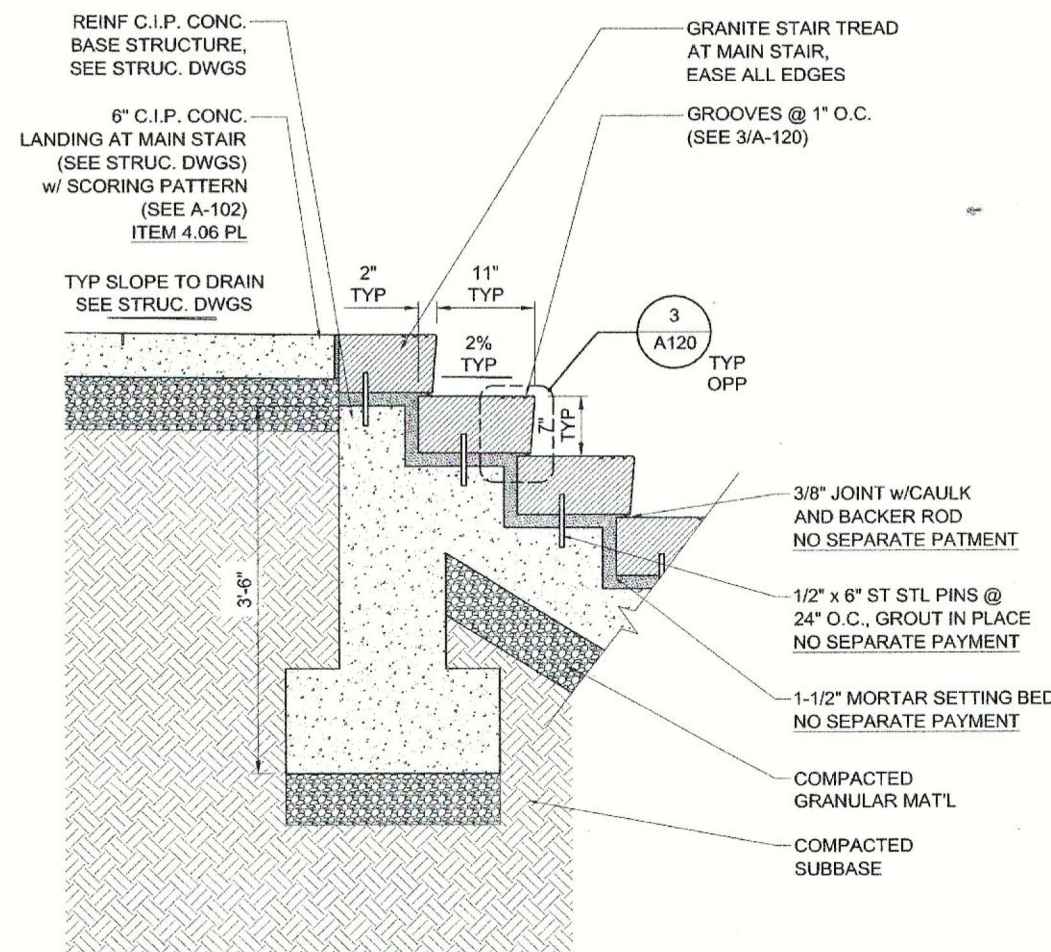
1 TYP DETAIL AT PLAZA STAIR, BOTTOM
ITEM 9.95 S26
1" = 1'-0"



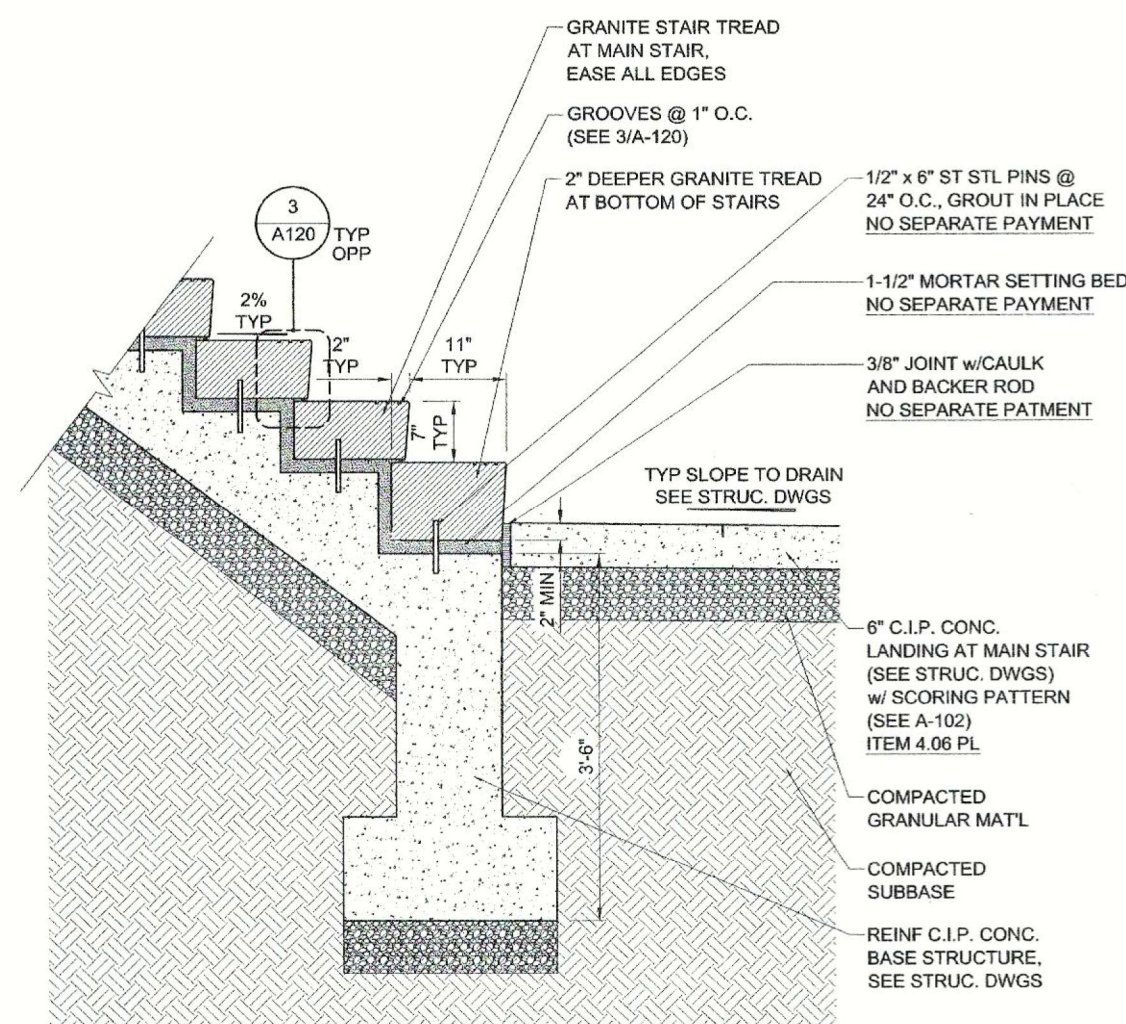
2 TYP DETAIL AT PLAZA STAIR, TOP
ITEM 9.95 S26
1" = 1'-0"



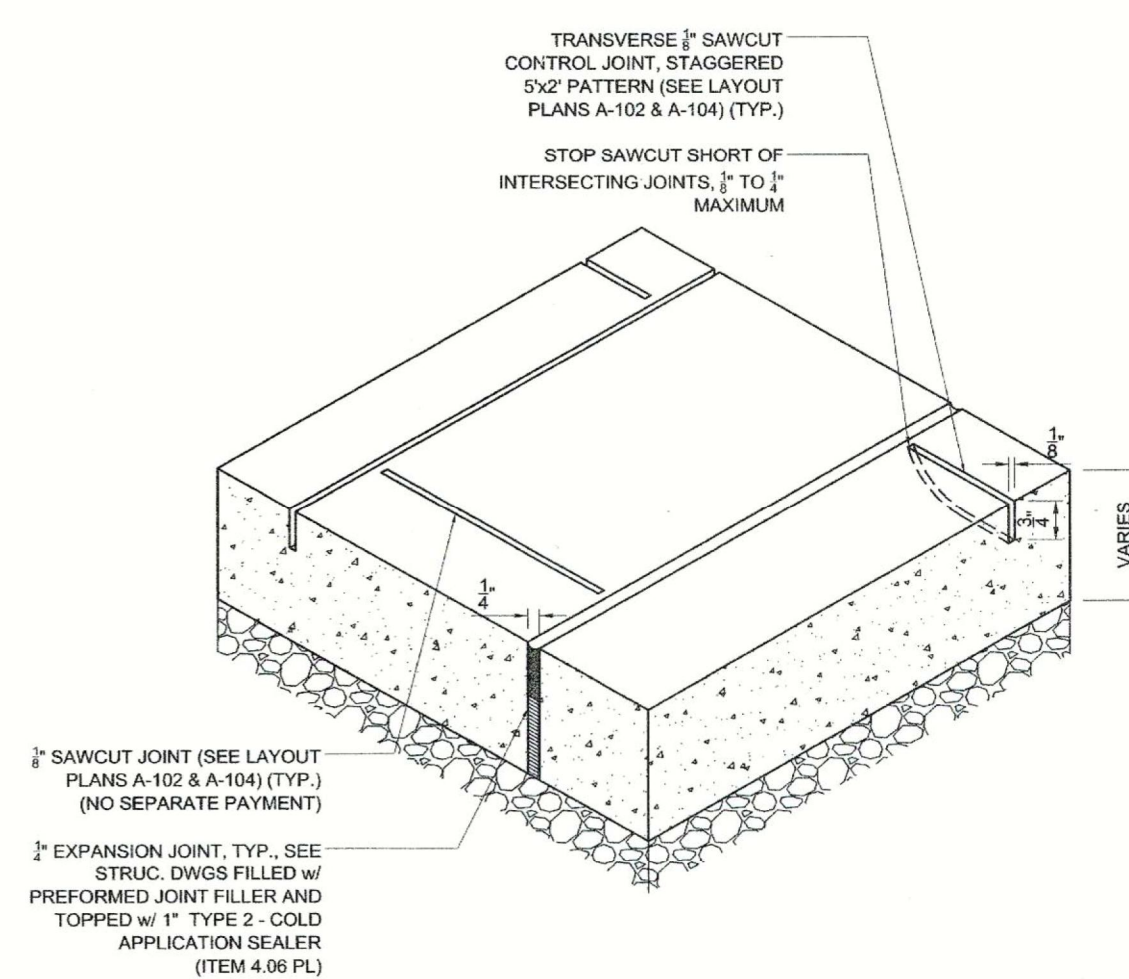
3 GRANITE STAIR TREAD NOSING DETAIL
ITEM 9.95 S14 & 9.95 S26
6" = 1'-0"



4 TYP DETAIL AT MAIN STAIR FLIGHT, TOP
ITEM 9.95 S14
1" = 1'-0"



5 TYP DETAIL AT MAIN STAIR FLIGHT, BOTTOM
ITEM 9.95 S14
1" = 1'-0"



6 SAW CUT JOINTS IN PLAZA & AT LANDINGS
ITEM 4.06 PL
6" = 1'-0"

NOTE: REINFORCEMENT NOT SHOWN
FOR CLARITY. SEE STRUCTURAL DRAWINGS.

NO.	DATE	DESCRIPTIONS	BY	APPR'D