NOTE: EXPANSION JOINT OCCURS EVERY 20'-0" OR EVERY 400 SQUARE FEET.

POLYURETHANE JOINT SEALANT

1/2"

PREMOLLED BITUMINOUS JOINT FILLER

1/2"

EXPANSION JOINT

SCORE JOINT

TYPICAL SCORE LINE AS SHOWN ON DRAWINGS OR TO MATCH EXISTING

6" THICKNESS MINIMUM, 4500 PSI COMPRESSIVE STRENGTH CONCRETE AT 28 DAYS. (6% AIR ENTRAINED, MAXIMUM W/C = 0.45) LIMESTONE COARSE AND FINE AGGREGATE.

MEDIUM BROOM FINISH ACROSS WALK'S WIDTH

6" GRASS AND SOIL SHOULDER ON BOTH SIDES (IF CURBING IS REQUIRED, SEE CURBING DETAIL)

WELDED WIRE FABRIC

6 x 6 - W2.9 x W2.9 AT MID-DEPTH OF CONCRETE

8" NYS DOT 304-2.02 TYPE 4 GRAVEL

FILTER FABRIC

MIRAFI 500X OR EQUIVALENT

1' WIDE, FABRIC WRAPPED WEEPS, 15 LF MIN. @ 2% MIN. OR TO DAYLIGHT, 50' O.C. MAX.

COMPACTED SUBGRADE

4" NYSDOT 703-07 WASHED CONCRETE SAND

NOTES:
1. INSTALL AT 1/8" TO 1/4" PER FOOT CROSS SLOPE FOR DRAINAGE. MAXIMUM 2% CROSS SLOPE FOR ALL ADA ACCESSIBLE ROUTES.
2. AFTER SURFACE SHEEN IS GONE, COVER WITH WET BURLAP AND POLY FOR 7 DAYS.
3. THE NEW CONCRETE SURFACE SHALL BE CURED BY KEEPING BURLAP AND CONCRETE CONTINUOUSLY WET FOR 7 DAYS MINIMUM.
4. SCORING PATTERN TO MATCH EXISTING OR PER DIRECTION OF ENGINEER.
5. ALL CONCRETE SHALL HAVE 4500 PSI COMPRESSIVE STRENGTH AT 28 DAYS, 6% AIR ENTRAINED AND SLUMP SHALL NOT EXCEED 4" AT DISCHARGE POINT.
6. TO REDUCE THE POTENTIAL FOR ALKALI AGGREGATE REACTIVITY (AAR), COURSE AGGREGATE SHALL BE LIMESTONE. MIX TO INCLUDE CLASS "F" FLY ASH TO REDUCE CEMENT AT A RATE OF 15% TO 20%.

CONCRETE WALK DETAIL

NO SCALE

CORNELL UNIVERSITY
DESIGN and CONSTRUCTION STANDARDS

REVIEWED BY: LC/BC  REVISED BY: JG  CELL LIBRARY: NONE  CELL NAME: NONE
DATE: 6/27/2012  DATE: 6/27/2012  DOC PRINT SIZE: 8 1/2" x 11"  DETAIL NO. 1.5.4