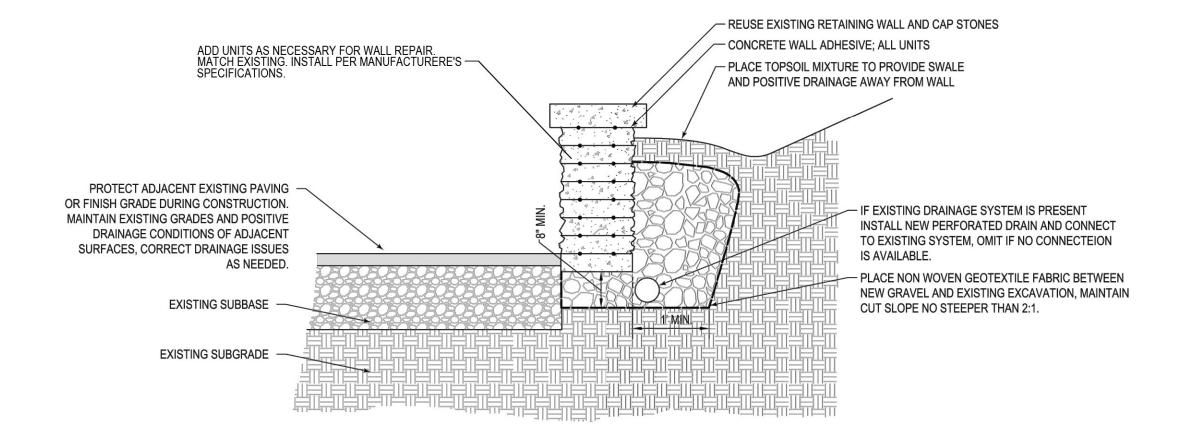
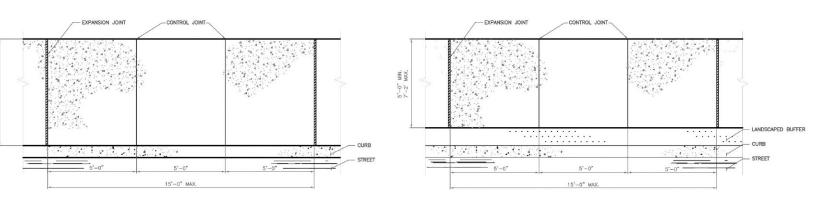


TYPICAL STAIR SECTION

NOT TO SCALE



EXISTING RETAINING WALL REPAIR



6" SECTION SCALE: 1" = 10'

— 2 1/2" 9.5 MM HMA SUPERPAVE WEARING COURSE

— 6" AASHTO #57 COMPACTED AGGREGATE BASE COURSE

── 4" 19MM HMA SUPERPAVE BINDER COURSE

GEOTEXTILE FABRIC

COMPACTED SUBGRADE

1. PRIOR TO PLACEMENT OF AGGREGATE, THE PAVEMENT SUBGRADE SHALL BE PREPARED AS FOLLOWS:

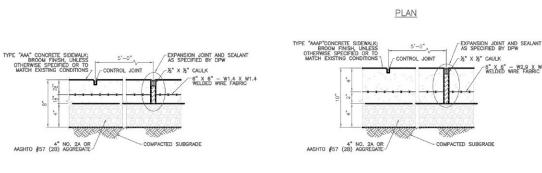
BITUMINOUS PAVEMENT - HACP PARKING AREAS

A. PAVEMENT SUBGRADE SHALL BE PROOFROLLED AND COMPACTED TO AT LEAST 95% OF IT'S MAXIMUM DRY DENSITY AND WITHIN +/- 3% OF ITS OPTIMUM MOISTURE CONTENT, AS DETERMINED BY ASTM D1557 (MODIFIED PROCTOR). ANY SOFT AREAS SHALL BE OVEREXCAVATED TO A FIRM AND COMPETENT MATERIAL AND BACKFILLED AS DESCRIBED IN 1B. GEOSYNTHETIC SUBGRADE REINFORCEMENT MATERIALS CAN BE UTILIZED TO MINIMIZE OVER EXCAVATIONS (TO BE DETERMINED DURING CONSTRUCTION).

B. ALL APPROVED FILL SHALL BE PLACED IN MAXIMUM 10" THICK, LOOSE LIFTS AND COMPACTED TO 95% OF ITS MAXIMUM DRY DENSITY AND WITHIN +/- 3% OF ITS OPTIMUM MOISTURE CONTENT. THE FILL MATERIAL'S MAXIMUM DRY DENSITY AND OPTIMUM MOISTURE CONTENT SHALL BE DETERMINED BY ATSM D1557 (MODIFIED PROCTOR).

C. ATER COMPACTION, THE PAVEMENT SUBGRADE SHALL PROVIDE A FIRM UNYIELDING FOUNDATION WITH NO SUDDEN, SHARP OR ABRUPT CHANGES OR BREAKS IN GRADES. NO STANDING WATER OR EXCESS MOISTURE SHALL BE PRESENT. ALL SOFT AND YIELDING AREAS SHALL BE REWORKED BY OVEREXCAVATING TO A FIRM AND COMPETENT MATERIAL,

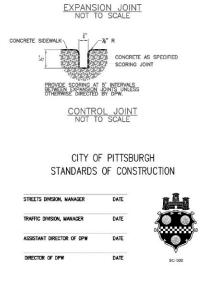
D. THE SUBGRADE SHALL BE GRADED AND SHAPED AS REQUIRED TO CONSTRUCT THE AGGREGATE BASE COURSE IN CONFORMANCE WITH THE GRADES, LINES AND THICKNESSES SHOWN ON THE DRAWINGS.



- 2. PADOT CLASS "AAA" SHALL HAVE COMPRESSIVE CAPACITY OF 4,000 PSI AT 28 DAYS.
- 3. ALL PAVEMENT JOINTS SHALL BE EXTENDED THROUGH CURB WHEN COINCIDENTAL WITH CURB JOINT.
- 4. EACH PAD SHALL NOT EXCEED 36.0 SF.

 $\frac{4"}{\text{SCALE: } 1"} = 10'$ 

REINFORCED CONCRETE SIDEWALK



PROVIDE EXPANSION JOINT AT NO MORE THAN 15' SPACING UNLESS OTHERWISE DIRECTED.

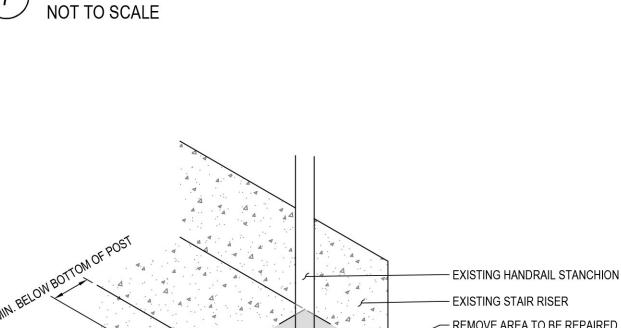
SEALANT (POLYURETHANE-BASED, ELASTOMERIC SEALANT)

%" PREMOLDED JOINT MATERIAL (FULL DEPTH)

CONCRETE TYPE	SIDEWALK PAVING	VEHICULAR PAVING
CONCRETE THICKNESS	4"	6"
CRUSHED COMPACTED AGGREGATE BASE MATERIAL	6"	8"

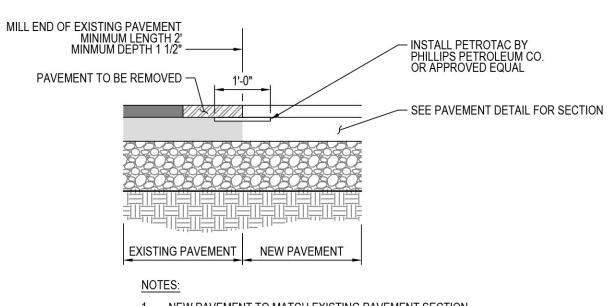
CONCRETE PAVEMENT - SEE SHEET L-104C

NOT TO SCALE



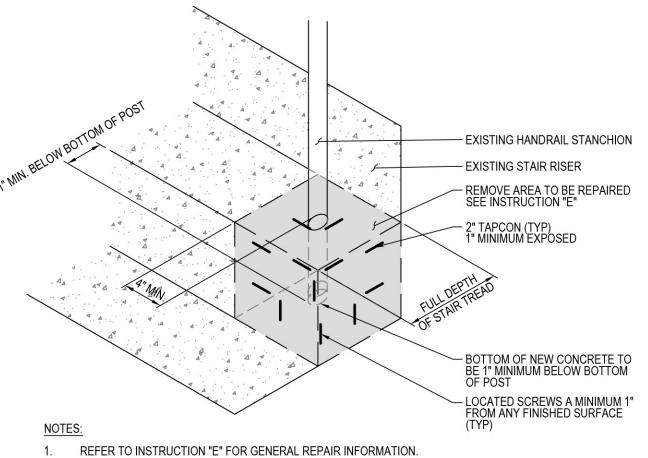
CONCRETE STAIR & HANDRAIL REPAIR

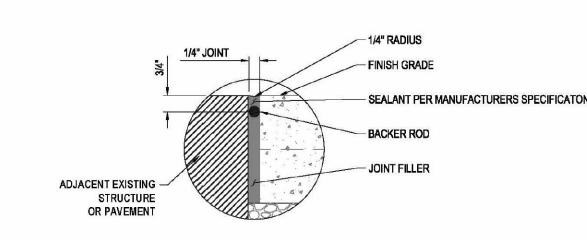
1/4" RADIUS - FINISH GRADE SEALANT PER MANUFACTURERS SPECIFICATIONS BACKER ROD JOINT FILLER ADJACENT EXISTING -STRUCTURE OR PAVEMENT



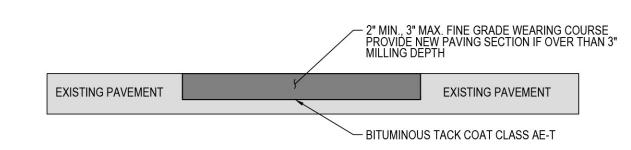
NEW PAVEMENT TO MATCH EXISTING PAVEMENT SECTION. TACK AND SEAL ALL VERTICAL FACES.

BITUMINOUS PAVEMENT TRANSITION JOINT





**EXPANSION JOINT - ADJACENT TO EXISTING CONDITIONS** 



ALL MATERIAL SHALL CONFORM TO PADOT PUBLICATION 408.
 SEAL EDGES WITH PG64-22.

BITUMINOUS PAVING OVERLAY

NOT TO SCALE



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> Design Technology Sustainability

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Allies & Ross Management and Development Corporation

Task Order Contract No. 33 -Glen Hazel Rental Assistance Demonstration (RAD) 945 Roselle Ct Pittsburgh, PA 15207

CONSTRUCTION DOCUMENTS

ISSUED: October 27, 2017

Site Details

R3A PROJECT # 15074B

L-301A