

GENERAL NOTES

MATERIAL AND COMPACTION REQUIREMENTS FOR PIPE BEDDING/SHADING SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS FOR THE APPLICABLE UTILITY PIPE.

TRENCH BACKFILL SHALL COMMENCE 1 FOOT [305mm] ABOVE THE TOP OF PIPE AND SHALL BE PER THE SPECIFICATIONS.

BACKFILL COMPACTION REQUIREMENTS SHALL BE PER THE SPECIFICATIONS.

THE 1 FOOT [305mm] TRENCH "SHOULDER" AREAS SHALL BE DELETED FOR TYPE 2 TRENCHES.

ABC SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE SPECIFICATIONS.

PORTLAND CEMENT CONCRETE SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE SPECIFICATIONS.

ASPHALTIC TACK MATERIAL SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE SPECIFICATIONS.

ASPHALTIC CONCRETE SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE SPECIFICATIONS FOR THE TYPE SPECIFIED.

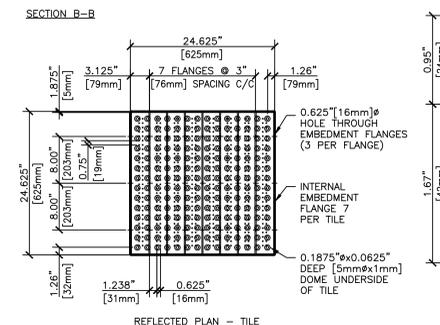
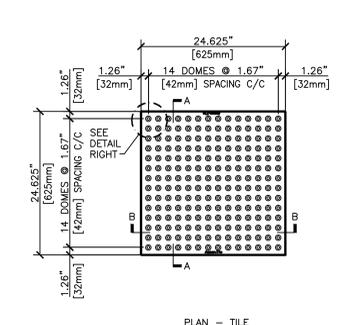
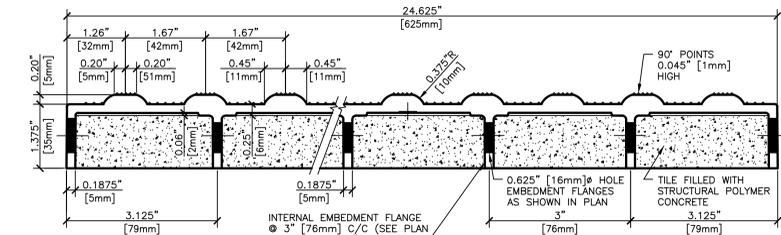
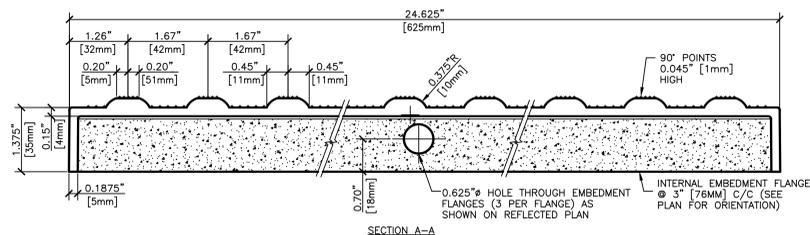
BITUMINOUS SURFACE TREATMENT (CHIP SEAL) SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE SPECIFICATIONS FOR THE TYPE SPECIFIED.

LOAD TRANSFER DOWELS FOR JOINTS TRANSVERSE TO THE ROADWAY CENTERLINE SHALL BE SMOOTH STEEL DOWELS IN ACCORDANCE WITH THE REQUIREMENTS OF THE SPECIFICATIONS DOWELS SHALL BE SIZED AND SPACED AS FOLLOWS:

PCCP THICKNESS	DOWEL SIZE	DOWEL LENGTH	DOWEL SPACING
6" [150mm]	#5 [No. 16]	12" [305mm]	18" [457mm]
7" [180mm]	#6 [No. 19]	15" [380mm]	15" [380mm]
8" [180mm]	#8 [No. 19]	15" [380mm]	12" [305mm]
10" [180mm]	#10 [No. 19]	15" [380mm]	12" [305mm]

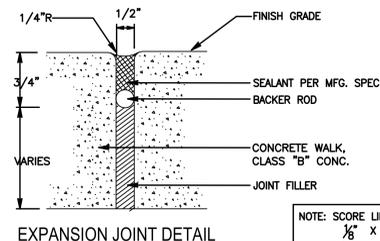
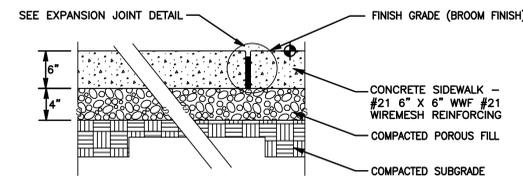
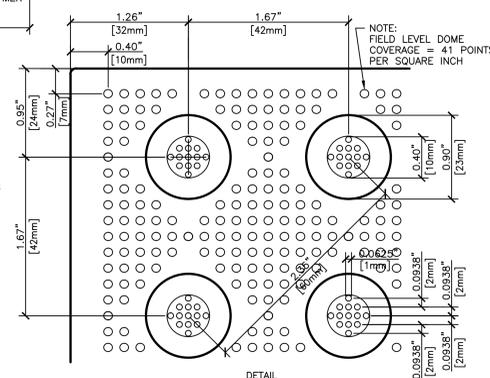
- DEFORMED TIE BARS SHALL BE USED IN TRENCH PATCHES LONGITUDINAL TO THE ROADWAY CENTERLINE WHEN THE TRENCH LENGTH IS GREATER THAN 50 FEET [15240mm]. TIE BARS SHALL BE 24 INCHES [610mm] LONG. DEFORMED #4 [No. 13] BARS FOR PCCP LESS THAN 8 INCHES [205mm] THICK AND #5 [No. 16] BARS IF 8 INCHES [205mm] THICK OR MORE. TIE BARS SHALL BE PLACED 30 INCHES [760mm] CENTER-TO-CENTER.
- HOLES SHALL BE DRILLED 1 FOOT [305mm] INTO THE EXISTING SLAB FOR TIE BARS AND 7 INCHES [180mm] FOR DOWELS. HOLES SHALL BE OF A DIAMETER SUFFICIENT TO ACCOMMODATE THE TIE BAR ANCHORAGE OR DOWEL CAP. TIE BARS SHALL BE ANCHORED WITH AN APPROVED HIGH VISCOSITY EPOXY.
- IF THE CONCRETE SLAB REMAINING NEXT TO A LONGITUDINAL OR TRANSVERSE JOINT IS LESS THAN 6 FEET [1829mm] AT ITS NARROWEST WIDTH, REMOVE AND REPLACE THE EXISTING CONCRETE TO THE JOINT.

1 GENERAL NOTES
SCALE: NTS
SOURCE: VAMC-SD321216-04



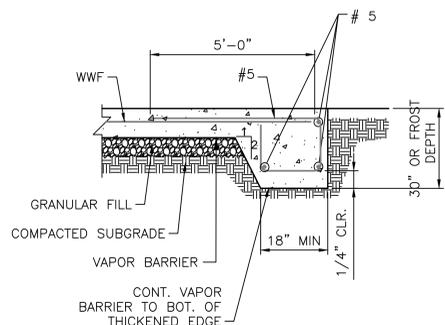
2 TRUNCATED DOME TACTILE-WARNING STRIP
SCALE: NTS
SOURCE: VAMC-SD320523-20

DETECTABLE WARNING NOTES:
THE DETECTABLE WARNING STRIP MUST COVER THE ENTIRE WIDTH OF THE RAMP OPENING, EXCLUDING THE WINGS. ALL DOMES MUST BE ALIGNED IN THE DIRECTION OF TRAVEL. ONE CORNER OF THE LEADING EDGE OF THE DETECTABLE WARNING MAY BE MORE THAN 5 FEET FROM THE BACK OF THE CURB. WHEN LOCATED ALONG A CURB RETURN, THE LEADING EDGE OF THE DETECTABLE WARNING MAY BE DEFINED BY THE CHORD DRAWN BETWEEN THE LEADING EDGES OF THE RAMP OPENING.



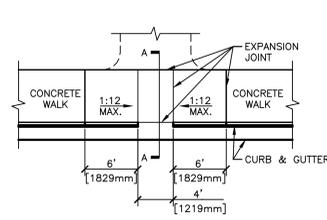
- NOTES:**
- EXPANSION JOINTS SHALL BE LOCATED WHERE SIDEWALK ABUTS CONCRETE DRIVEWAYS, CURB OR OTHER ADJACENT STRUCTURES.
 - ONE-HALF INCH BITUMINOUS JOINT FILLER SHALL BE INSTALLED AT EXPANSION JOINT LOCATIONS AND SHALL EXTEND THE FULL DEPTH OF THE CONCRETE.
 - 1" DEEP CONTRACTION JOINTS SHALL BE PLACED AT INTERVALS OF APPROXIMATELY 15' [4572mm] OR AT A SPACING THAT MATCHES THE ADJACENT CURB.
 - FORMED CONTRACTION JOINTS SHALL BE FINISHED WITH A TOOL HAVING A 1/4" [6mm] RADIUS.
 - SCORED JOINTS SHALL BE 1/4" [6mm] DEEP AND PLACED AT THE SPACING INDICATED FOR THE WIDTH OF SIDEWALK OR MATCH SCORED JOINTS OF ADJACENT CURB.
 - CONCRETE SHALL BE FINISHED BY MEANS OF A FLOAT, STEEL TROWELLED AND BROOMED WITH A FINE BRUSH IN A TRANSVERSE DIRECTION.
 - SPACING OF EXPANSION JOINT TO EXPANSION JOINT SHALL NOT EXCEED 60'.

3 CONCRETE SIDEWALK - EXPANSION JOINT
SCALE: NTS
SOURCE: VAMC-SD320523-18

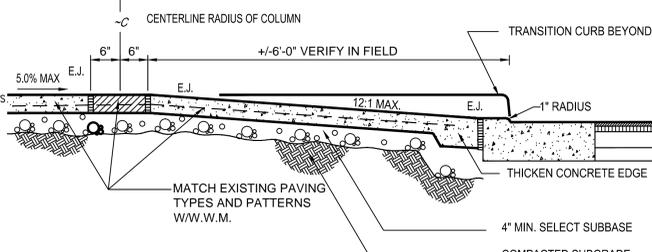


- SEE STRUCTURAL DRAWINGS S-2 FOR CAST IN PLACE CONCRETE NOTES.
- SLAB SHALL BE 6" THICK.
- REBAR SHALL BE 6x6/W2.9xW2.9 AND CENTERED IN SLAB.

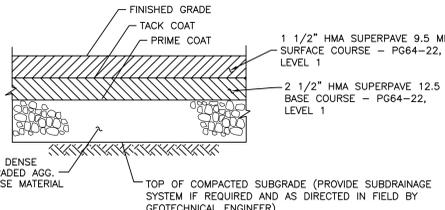
4 SLAB ON GRADE
SCALE: NTS
SOURCE:



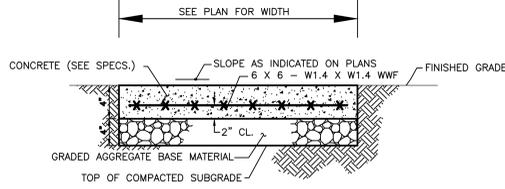
5 TYPICAL HANDICAP RAMP
SCALE: NTS
SOURCE: VAMC-SD320523-02



9 PAVING SAWCUT + JOINT DETAIL
NOT TO SCALE



7 PAVING DETAIL
NOT TO SCALE



- NOTES:**
- 1/2" PREMOLDED EXPANSION JOINT MAT'L TO BE PLACED WHERE WALKS ABUT CURBS, STEPS, BUILDINGS, OTHER WALKS, ETC. AND AT A MAX. OF 20' INTERVALS ALONG THE WALK.
 - SCORING SHALL BE PROVIDED AT 4' ON CENTER FOR 4' & 8' WALKS, 5' ON CENTER FOR 5' & 10' WALKS, AND 6' ON CENTER FOR 6' AND LARGER NOT PREV. MENTIONED.
 - #4 REBAR DOWELS SHALL BE INSTALLED AT JOINTS WHERE NEW SDWK MEETS EXIST. DOWELS SHALL BE INSTALLED TO MIN. 8" EACH DIRECTION WITHIN SLABS, AND AT 12" CENTERS ACROSS WIDTH.

8 CONCRETE SIDEWALK DETAIL
NOT TO SCALE

FULLY SPRINKLERED CONTRACT DOCUMENTS SUBMISSION

Additions:	Date:
Revisions:	Date:

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Drawing Scale: AS SHOWN	Drawing Title: SITE NOTES & DETAILS
Drawing Start Date:	Approved: Associate Director for Operations:
Drawing Finish Date:	Approved: Chief, Facilities Engineer:
Drawing Approved:	Approved: Director, Medical Center:

Project Title: BUILDING 5 RENOVATION	Date: 6-15-2012
Building No: 5	Project No: 460-13-111
Checked: AJD	Drawn: RDT
Location: VAMHCS MEDICAL CENTER WILMINGTON, DELAWARE	DRAWING NO: L-5
	Dwg. 6 of 67

DEPARTMENT OF VETERANS AFFAIRS