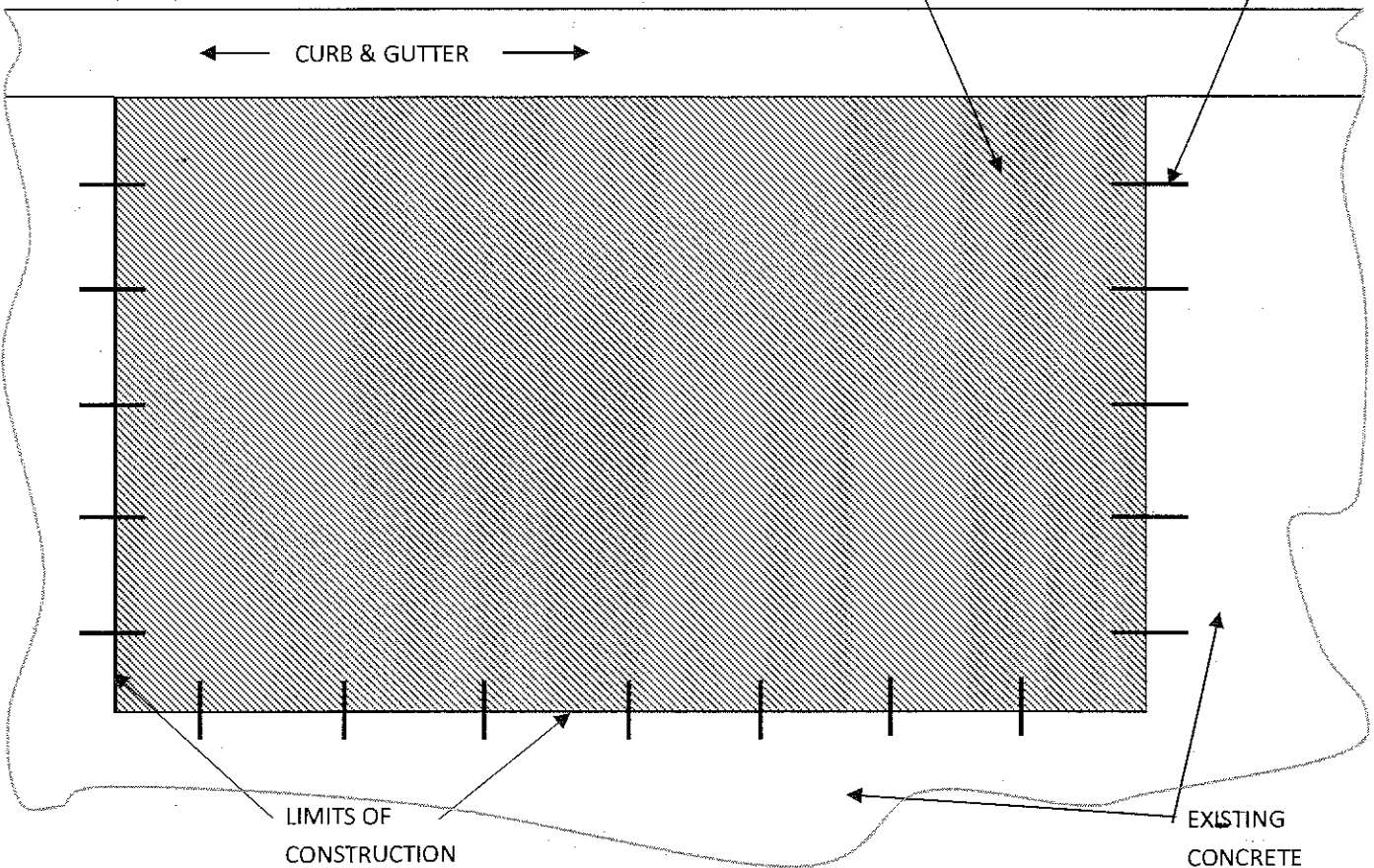


I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Registered Professional Engineer under the laws of the State of Minnesota.

NO. 4 (13mm) BAR
@ 18" O.C. DRILL
AND GROUT 6"
INTO EXISTING
CONCRETE.

DANIEL A. HAARK
Date 1/15/16 Reg. No. 17274



NOTES:

1. SAW CUT FULL DEPTH AND REMOVE PAVEMENT.
2. BACKFILL AND COMPACT EXCAVATION UP TO BOTTOM OF AGGREGATE BASE. QUALITY COMPACTION IN ACCORDANCE WITH MNDOT 2105.
3. PLACE AND COMPACT CLASS 5 BASE MATERIAL TO MATCH THICKNESS WITH SURROUNDING AGGREGATE BASE.
4. FURNISH AND PLACE 12" LONG NO. 4 BARS (13mm). BARS SHALL BE EPOXY COATED REINFORCEMENT. DRILL AND GROUT NO. 4 BARS 6" DEPTH INTO EXISTING CONCRETE PAVEMENT. GROUT SHALL BE NON-SHRINK GROUT OR EPOXY BONDING AGENT. BARS SHALL BE PLACED AT MID DEPTH OF PAVEMENT THICKNESS.
5. FURNISH AND PLACE CONCRETE MIX 3R52. SCREED TO MATCH GRADE WITH FINAL BROOMING TO ROUGHEN SURFACE.
6. TROWEL JOINTS OR SAW, TO MATCH EXISTING JOINTS IN CONCRETE BASE.

APPROVED <u>1/26/16</u> <u>DANIEL A. HAARK</u> CITY ENGINEER	CITY OF SAINT PAUL DEPARTMENT OF PUBLIC WORKS CONCRETE BASE PAVEMENT REPAIR DETAIL	DATE OF REVISION JAN 2016	STANDARD PLATE NO. 1401 1 OF 1
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