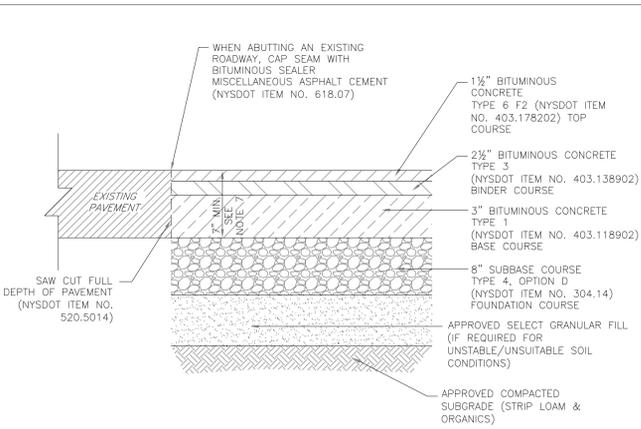


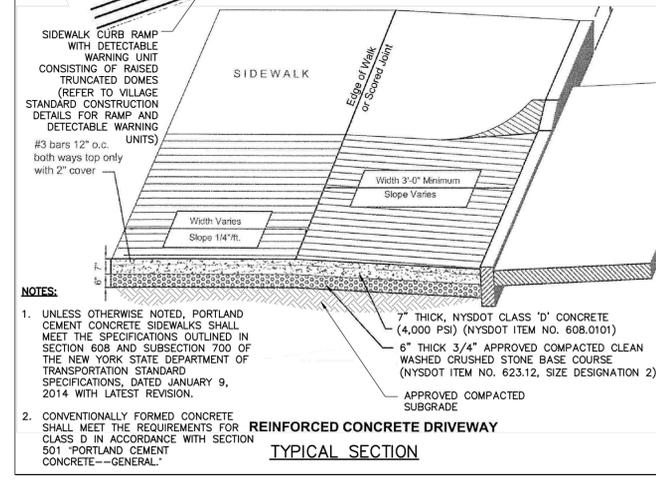
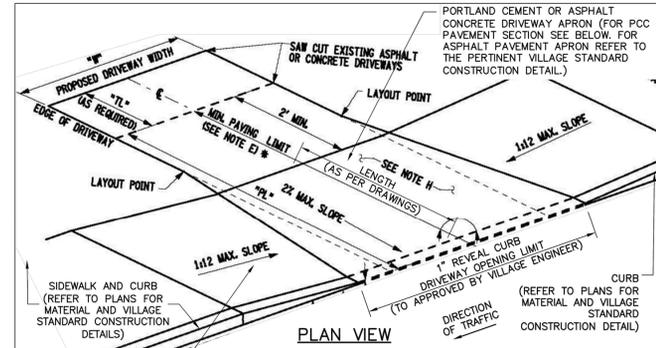
- NOTES:
- WHEN SIDEWALK ABUTS A ROADWAY, CURB AND SIDEWALK SHALL BE MONOLITHICALLY CONSTRUCTED. REFER TO VILLAGE STANDARD MONOLITHIC CURB AND SIDEWALK CONSTRUCTION DETAIL.
 - UNLESS OTHERWISE NOTED, PORTLAND CEMENT CONCRETE SIDEWALKS SHALL MEET THE SPECIFICATIONS OUTLINED IN SECTION 608 AND SUBSECTION 700 OF THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, DATED JANUARY 9, 2014 WITH LATEST REVISIONS.
 - THE GENERAL CONSTRUCTION DETAILS FOR MANUFACTURING AND TRANSPORTING CONCRETE SHALL MEET THE REQUIREMENTS OF SECTION 501, PORTLAND CEMENT CONCRETE—GENERAL.
 - WELDED WIRE FABRIC REINFORCEMENT SHALL BE MADE OF W2.9 OR W3 WIRE AT 6 INCH CENTERS TRANSVERSELY CONVENTIONALLY FORMED CONCRETE SHALL MEET THE REQUIREMENTS FOR CLASS D IN ACCORDANCE WITH SECTION 501 PORTLAND CEMENT CONCRETE—GENERAL. ALL CONCRETE SHALL CONTAIN A WATER-REDUCING ADMIXTURE MEETING THE REQUIREMENTS OF §711-08 IN SUCH A QUANTITY AS TO PROVIDE A MINIMUM 10% REDUCTION OF THE DESIGN WATER CONTENT BY USING A NORMAL RANGE WATER-REDUCER. WRF SHALL BE MANUFACTURED IN SHEETS AND PLACED WITH IN CONCRETE BY CHAIRING.
 - REINFORCING SHALL NOT EXTEND THROUGH EXPANSION JOINTS.
 - INSTALL A PREMOULDED RESILIENT JOINT FILLER, §705-07, AT ALL JOINTS BETWEEN SIDEWALK AND CURB, PAVEMENT, BUILDING, ETC. THE PREMOULDED RESILIENT JOINT FILLER SHALL CONFORM TO THE REQUIREMENTS OF ASTM D1751.
 - THE EXPANSION JOINTS SHALL BE LOCATED AT ALL IMMOVABLE OBJECTS (BRIDGE SUBSTRUCTURES, ETC.), WHERE SHOWN ON THE PLANS, AND/OR AS DIRECTED BY THE ENGINEER. EXPANSION JOINTS SHALL NOT BE REQUIRED AT 20 FOOT INTERVALS.
 - PREMOULDED RESILIENT JOINT FILLER (§705-07), USE 3/8" - 5/8" INCH THICK FILLER IN TRANSVERSE EXPANSION JOINT ASSEMBLIES ONLY. INCLUDE A ONE-PIECE PREMOULDED RESILIENT JOINT FILLER IN THE ASSEMBLY THAT EXTENDS COMPLETELY ACROSS THE SLAB WIDTH THE JOINT FILLER MUST EITHER EQUAL THE FULL DEPTH OF THE SLAB, OR EXTEND FROM THE BOTTOM OF THE SLAB TO WITHIN 1/2" - 2" INCHES OF THE TOP OF THE SLAB WITH A FINISHING CAP THAT EXTENDS TO THE TOP OF THE SLAB.
 - UNLESS OTHERWISE SPECIFIED IN THE CONTRACT DOCUMENTS, THE CONCRETE SURFACE SHALL BE SCORED AND TOOLED AT INTERVALS OF 5 FEET. SCORE THE CONCRETE A MINIMUM 1/8" INCH TO A MAXIMUM 1/4" INCH IN WIDTH AND TO A MINIMUM DEPTH OF ONE-THIRD THE TOTAL THICKNESS.
 - 3 FOOT WIDE SIDEWALKS SHALL RECEIVE CONTRACTION JOINTS EVERY 4 FEET. 4 AND 5 FOOT WIDE SIDEWALKS SHALL RECEIVE CONTRACTION JOINTS EQUAL TO THE WIDTH OF THE SIDEWALK. SIDEWALKS MAY BE CONVENTIONALLY FORMED OR MACHINE FORMED.
 - ONLY MAGNESIUM FLOATS AND TROWELS ARE ALLOWED. THE USE OF ALUMINUM OR STEEL FINISHING TROWELS AND TOOLS IS PROHIBITED. THE CONCRETE SHALL BE FINISHED TO PRODUCE A SMOOTH SURFACE AND THEN LIGHTLY BROOMED TO A UNIFORM TEXTURE. THE EDGES AND SCORED JOINTS OF ALL SIDEWALK SLABS SHALL BE TOOLED WITH AN EDGING TOOL HAVING A 1/4 INCH RADIUS.
 - ALL WORK SHALL BE IN ACCORDANCE WITH NYSDOT SPECIFICATIONS AND IN REASONABLY CLOSE CONFORMITY WITH THE LINES AND GRADES SHOWN ON THE PLANS OR ESTABLISHED BY THE ENGINEER.
 - SIDEWALK SHALL BE PAID UNDER NYSDOT ITEM NO. 608.0101. CRUSHED STONE SHALL BE PAID UNDER NYSDOT ITEM NO. 623.12.

CAST-IN-PLACE CONCRETE SIDEWALK DETAIL
N.T.S.

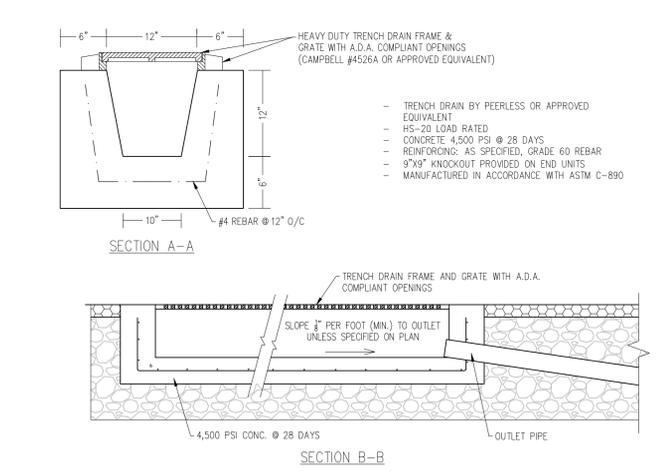
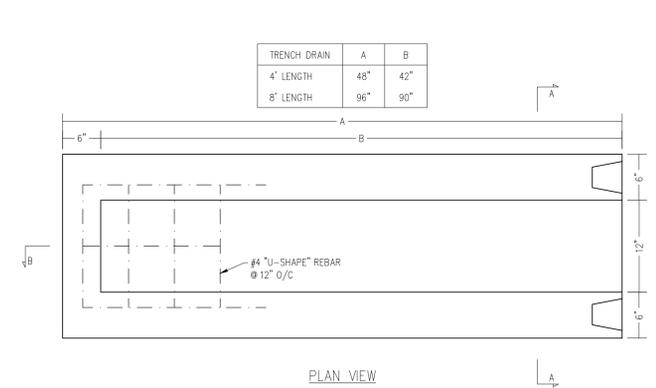


- NOTES:
- UNLESS OTHERWISE NOTED, BITUMINOUS CONCRETE SHALL MEET THE SPECIFICATIONS OUTLINED IN SECTION 403 OF THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, DATED MAY 1, 2008 WITH LATEST REVISIONS. NOTE, THIS SECTION IS NO LONGER INCLUDED IN THE NYSDOT STANDARD SPECIFICATIONS.
 - UNLESS OTHERWISE NOTED, SUBBASE COURSE SHALL MEET THE SPECIFICATIONS OUTLINED IN SECTION 300 OF THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, DATED MAY 1, 2008 WITH LATEST REVISIONS.
 - DETAIL DEPICTS COMPACTED PAVEMENT THICKNESS.
 - THIS DETAIL SHALL BE COORDINATED WITH THE VILLAGE STANDARD PIPE TRENCH AND ASPHALT PAVEMENT REPLACEMENT CONSTRUCTION DETAIL AND ALL OTHER PERTINENT VILLAGE STANDARD CONSTRUCTION DETAILS.
 - THIS ASPHALT CONCRETE PAVEMENT SECTION APPLIES ONLY TO LOCAL (i.e. VILLAGE) ROADS. PAVEMENT REPLACEMENT, REHABILITATION, CONSTRUCTION, ETC. FOR COUNTY AND STATE ROADWAYS SHALL BE IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE AGENCY HAVING JURISDICTION.
 - IF 403 HOT MIX ASPHALT (HMA) ITEM NUMBERS ARE UNAVAILABLE FROM THE ASPHALT PLANT, NYSDOT SUPERPAVE HMA 70 OR 80 SERIES COMPACTION SHALL BE SUBSTITUTED UPON REVIEW AND APPROVAL BY THE VILLAGE ENGINEER.
 - HOT MIX ASPHALT (HMA) PAVEMENT SHALL BE 7" MIN. THICK, OR MATCH EXISTING HMA PAVEMENT THICKNESS, WHICHEVER IS GREATER. IF EXISTING HMA PAVEMENT IS GREATER THAN 7", THE HMA DIFFERENCE SHALL CONSIST OF HMA BASE COURSE (OR BINDER COURSE FOR SMALL QUANTITIES)
 - THE VILLAGE ENGINEER RESERVES THE RIGHT TO MODIFY (e.g. INCREASE THICKNESS) THE PAVEMENT SECTION DUE TO SITE CONDITIONS (e.g. UNSATURABLE/UNSTABLE SUBGRADE, HIGH GROUNDWATER, ETC.).

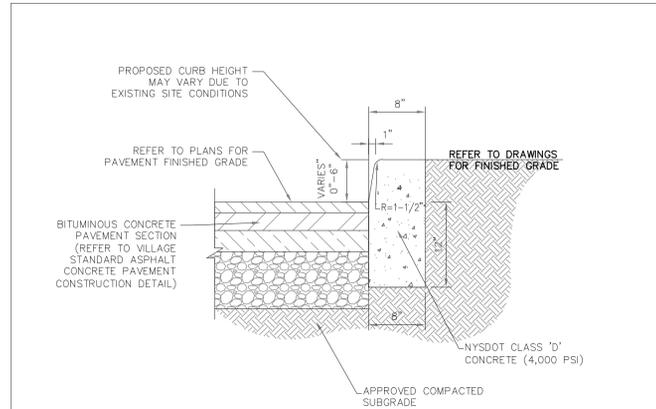
ASPHALT CONCRETE PAVEMENT DETAIL
N.T.S.



CONCRETE TAPERED DRIVEWAY APRON DETAIL
N.T.S.

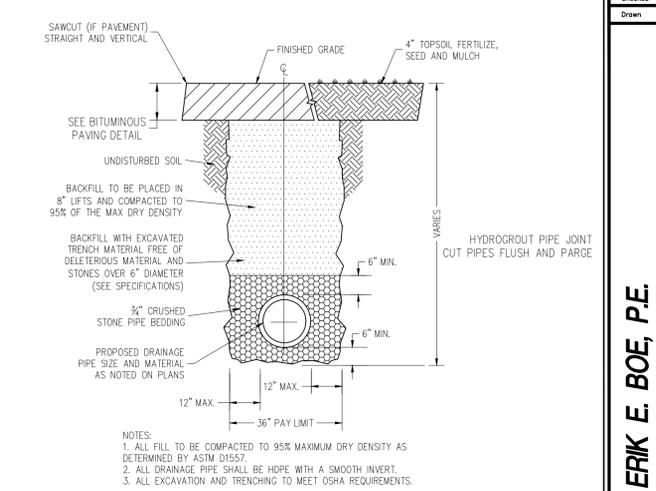


TRENCH DRAIN - CATCH BASIN DETAIL
N.T.S.

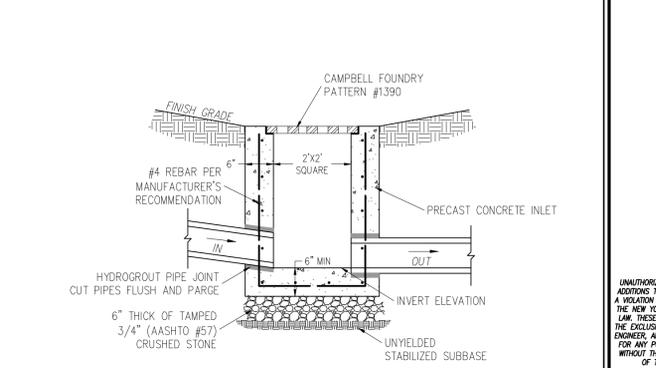


- NOTES:
- CONSTRUCTION JOINT SHALL BE INSTALLED AT THE MID-POINT BETWEEN EXPANSION JOINT SO CURB SEGMENT LENGTH WILL BE TEN (10) FEET.
 - PREMOULDED BITUMINOUS EXPANSION JOINT SHALL BE INSTALLED BETWEEN CURB SEGMENT TO SCALE EVERY TWENTY (20) FEET.
 - MATCH EXPANSION JOINT IF CURB IS INSTALLED ADJACENT TO SIDEWALK OR CONCRETE PAVEMENT.
 - CURB SEGMENT LENGTH MAY DIFFERENTIATE AT CLOSURE POINT TO SCALE, BUT SHALL NOT BE LESS THAN FOUR (4) FEET.
 - CURB SHALL CONFORM TO NYSDOT ITEM NO. 609.0304.
 - CAST-IN-PLACE CONCRETE CURB SHALL BE USED IN AREAS WHERE MONOLITHIC CURB AND SIDEWALK CONSTRUCTION IS NOT REQUIRED AND/OR FEASIBLE (e.g. ADJACENT TO LAWN AREAS).

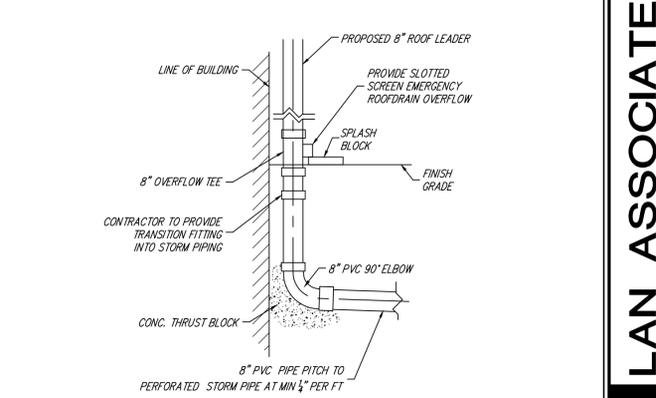
CAST-IN-PLACE CONCRETE CURB DETAIL
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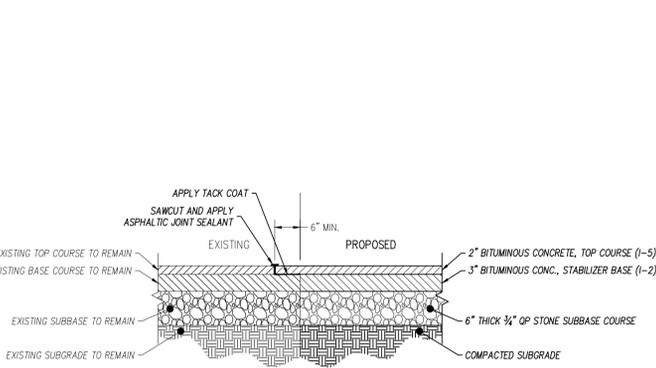
DRAINAGE PIPE TRENCH DETAIL
N.T.S.



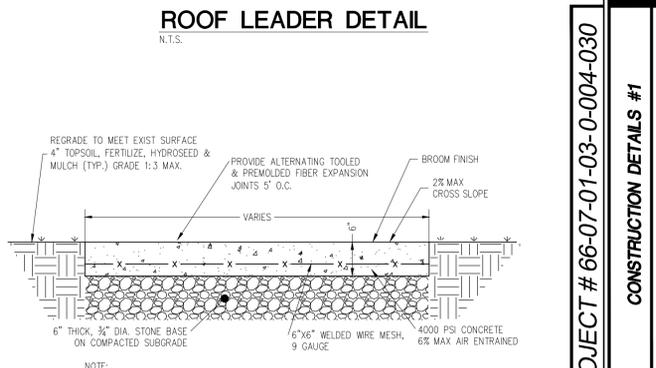
YARD DRAIN - CATCH BASIN DETAIL
N.T.S.



ROOF LEADER DETAIL
N.T.S.



BITUMINOUS PAVING - SAWCUT & PATCH DETAIL
N.T.S.



CONCRETE PAD DETAIL
N.T.S.

Date: 1/10/20
Checked: EB
Drawn: PRE

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PROFESSIONAL ENGINEER
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Revisions:
ISSUE TO BO
11/23/20

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LAN ASSOCIATES
engineering • planning • architecture • surveying
282 MAIN STREET, GOSHEN, NEW YORK 10924 (845)815-0350

CONSTRUCTION DETAILS #1
2019 BOND REFERENDUM
MAMARONECK AVENUE ELEMENTARY SCHOOL
MAMARONECK AVENUE FREE SCHOOL DISTRICT
850 MAMARONECK AVENUE, MAMARONECK, NY 10543

Job No. 4.1092.72.2
File No. 1092.72.02_C1

CD.01

NYSDOT PROJECT # 66-07-01-03-0-004-030