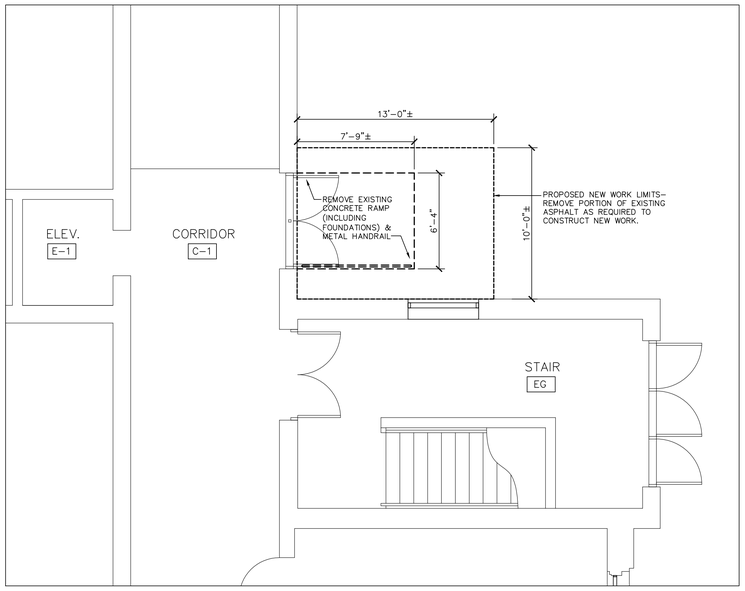
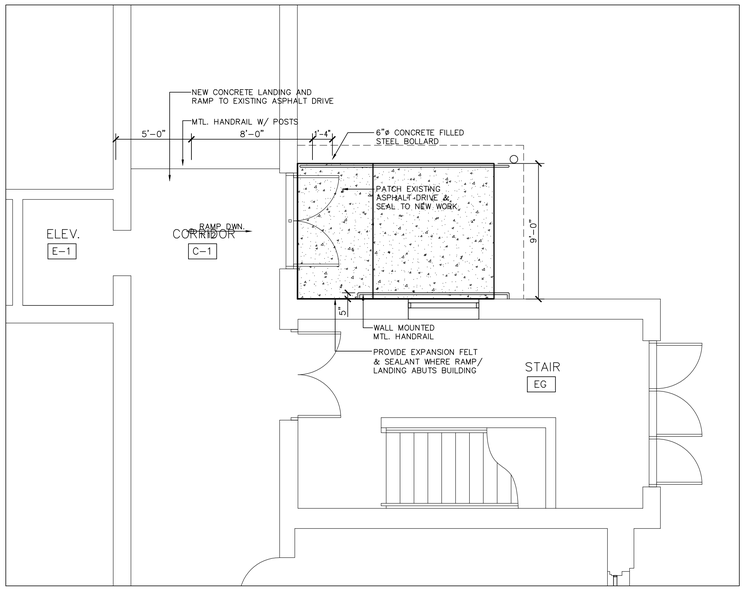


1 A-1 **DEMOLITION PLAN**

1/4" = 1'-0"



2 A-1 **FLOOR PLAN**

1/4" = 1'-0"

CONCRETE NOTES

1. ALL CONCRETE WORK SHALL CONFORM TO ACI 318 (LATEST EDITION).

2. CONCRETE COMPRESSIVE STRENGTH AT 28 DAYS SHALL BE:

a. FOUNDATIONS: 4000 PSI
b. SLABS ON GRADE: 4000 PSI

3. CONCRETE SHALL NOT BE PLACED IN WATER OR ON FROZEN GROUND.

4. REINFORCING BARS SHALL CONFORM TO ASTM A615, GRADE 60 DEFORMED BARS AND SHALL BE DETAILED, FABRICATED AND PLACED IN ACCORDANCE WITH ACI 315, LATEST EDITION. WELDED WIRE FABRIC SHALL CONFORM TO ASTM A-185 AND BE PROVIDED IN FLAT SHEETS.

5. REINFORCEMENT SHALL BE CONTINUOUS AROUND CORNERS AND AT INTERSECTIONS. PROVIDE CLASS "A" TENSION LAP SPLICES FOR ALL HORIZONTAL WALL REINFORCING UNLESS OTHERWISE SHOWN ON PLAN. PROVIDE CLASS "B" TENSION LAP SPLICES FOR ALL HORIZONTAL GRADE BEAM REINFORCING.

6. CLEARANCES FOR REINFORCEMENT:

a. CONCRETE PLACED DIRECTLY ON EARTH, FOOTINGS: 3"
b. SLABS, FROM TOP UNLESS OTHERWISE NOTED: 1"
c. FORMED SURFACES EXPOSED TO WEATHER OR EARTH:
   #5 BAR OR SMALLER: 1 ½"
   #6 BAR OR LARGER: 2"

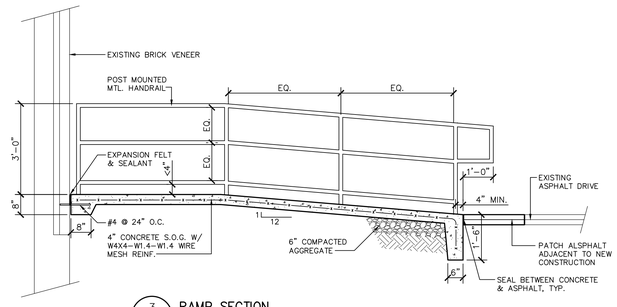
7. CONTROL JOINTS IN SLABS ON GRADE: MAX. 200 S.F. SECTIONS
a. CONTROL JOINTS SHALL BE LOCATED AS SHOWN ON SLAB ON GRADE PLAN.
b. CONTROL JOINTS SHALL BE SAW CUT (1/3 THE SLAB DEPTH) AND FILLED WITH JOINT SEALER. CUT JOINTS AS SOON AS POSSIBLE WITHOUT FRAYING THE CONCRETE SURFACE.

CONTROL JOINTS SHALL BE LOCATED BY CONTRACTOR IN ACCORDANCE WITH ACI CRITERIA, MAXIMUM SPACINGS AS PER TYPICAL SLAB ON GRADE DETAILS AND TYPICAL CONTROL JOINT LOCATION DETAILS (U.N.O.). MINIMUM CONTROL JOINT DEPTHS ARE INDICATED ON TYPICAL CONTROL JOINT DETAILS. CONTROL JOINTS WHICH ARE NOT PROMPTLY OR PROPERLY CUT AND ARE NOT FUNCTIONING SHALL BE RECUT BY THE CONCRETE CONTRACTOR. RECUTS OF JOINTS WHICH WERE NOT PROMPTLY OR PROPERLY CUT SHALL BE 3" DEEP MINIMUM.

8. THE FINISH TOLERANCE OF ALL SLABS SHALL BE IN ACCORDANCE WITH ACI 302 AND THAT SPECIFIED ON THE CONTRACT DOCUMENTS. SEE SPECIFICATION SECTION 03300 FOR FINISHING.

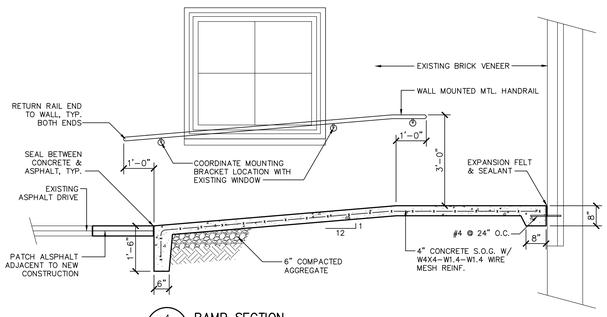
9. LAP ALL BARS A MINIMUM OF 40 DIAMETERS. LAP ALL WWF A MINIMUM OF 6 INCHES.

10. PROVIDE FOR ANY DEWATERING AS REQUIRED DURING EXCAVATION AND CONSTRUCTION OF THE FOUNDATION SYSTEM.



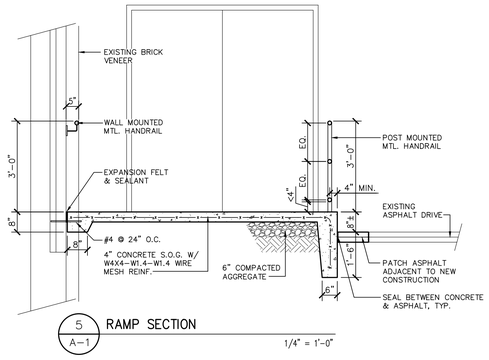
3 A-1 **RAMP SECTION**

1/4" = 1'-0"



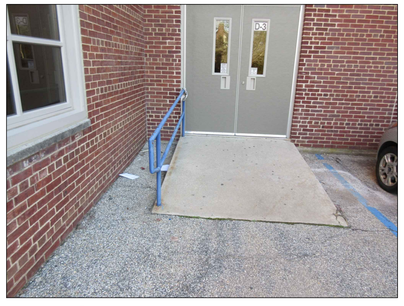
4 A-1 **RAMP SECTION**

1/4" = 1'-0"



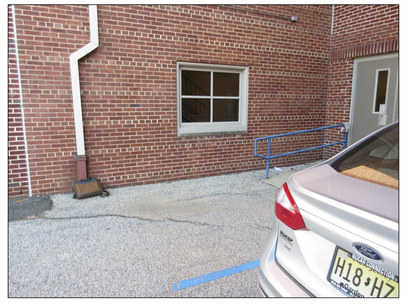
5 A-1 **RAMP SECTION**

1/4" = 1'-0"



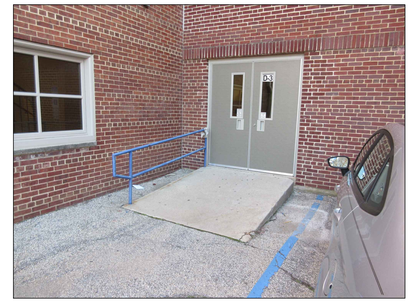
9 A-1 **EXISTING CONDITIONS**

N.T.S.



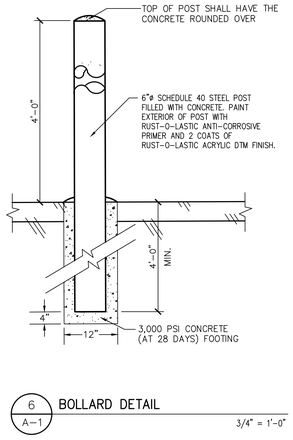
10 A-1 **EXISTING CONDITIONS**

N.T.S.



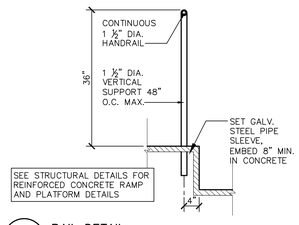
11 A-1 **EXISTING CONDITIONS**

N.T.S.



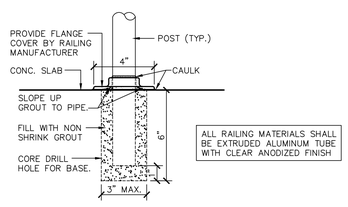
6 A-1 **BOLLARD DETAIL**

3/4" = 1'-0"



7 A-1 **RAIL DETAIL**

3/4" = 1'-0"



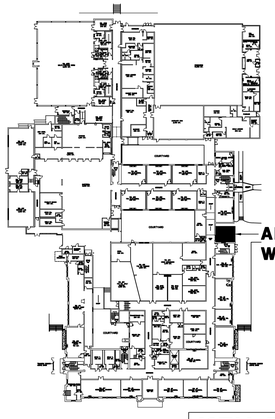
8 A-1 **RAIL BASE DETAIL**

3" = 1'-0"

A. TOP AND BOTTOM RAILING EXTENSION AT RAMPS:
RAMP HANDRAILS SHALL EXTEND HORIZONTALLY ABOVE LANDING 12 INCHES MINIMUM BEYOND THE TOP AND BOTTOM OF RAMP RUNS. EXTENSIONS SHALL RETURN TO A WALL, GUARD, OR FLOOR, OR SHALL BE CONTINUOUS TO THE HANDRAIL OF AN ADJACENT RAMP RUN.

SPECIFIED LOADS: HANDRAILS AND GUARDRAILS SHALL BE DESIGNED TO RESIST A LOAD OF 50 POUNDS PER LINEAR FOOT APPLIED IN ANY DIRECTION AT THE TOP AND TO TRANSFER THIS LOAD THROUGH THE SUPPORTS TO THE STRUCTURE.

CONCENTRATED LOAD: HANDRAILS AND GUARDS SHALL BE ABLE TO RESIST A SINGLE CONCENTRATED LOAD OF 200 POUNDS APPLIED IN ANY DIRECTION AT ANY POINT ALONG THE TOP, AND TRANSFER THIS LOAD THROUGH THE SUPPORTS TO THE STRUCTURE.



KEY PLAN

ISSUED FOR QUOTE: 07-15-19

Garrison Architects, A Professional Corporation of Architects and Planners
713 CREEK ROAD, BELLMAWR, NEW JERSEY 08031 (856) 396-6200

WOODSTOWN HIGH SCHOOL/MIDDLE SCHOOL
EXTERIOR RAMP REPLACEMENT
140 EAST AVENUE
WOODSTOWN, NEW JERSEY 08098

REVISIONS
a. d.
b. e.
c. f.

Project No. 18-108
Date: 07-11-19
Scale: AS NOTED

PLANS, ELEVATIONS & DETAILS
A-1