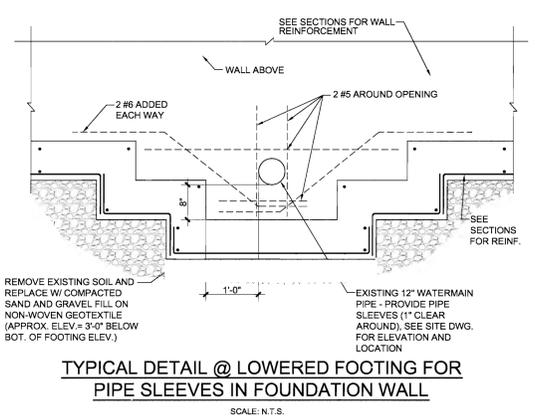
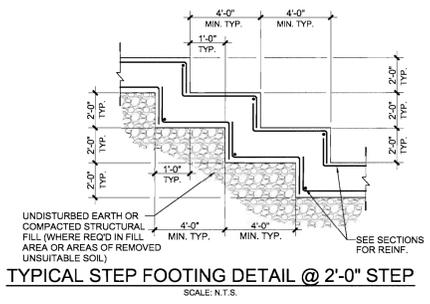


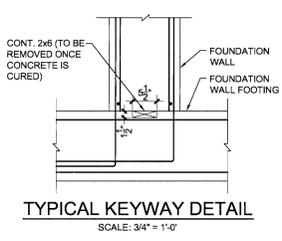
three inches = one foot
 one and one half inches = one foot
 one inch = one foot
 one half inch = one foot
 one quarter inch = one foot
 three eighths inch = one foot
 one eighth inch = one foot



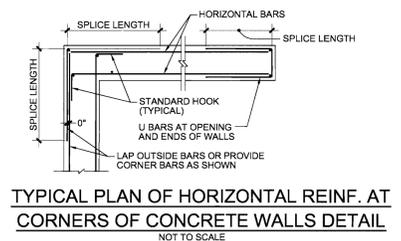
TYPICAL DETAIL @ LOWERED FOOTING FOR PIPE SLEEVES IN FOUNDATION WALL
 SCALE: N.T.S.



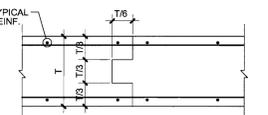
TYPICAL STEP FOOTING DETAIL @ 2'-0" STEP
 SCALE: N.T.S.



TYPICAL KEYWAY DETAIL
 SCALE: 3/4" = 1'-0"



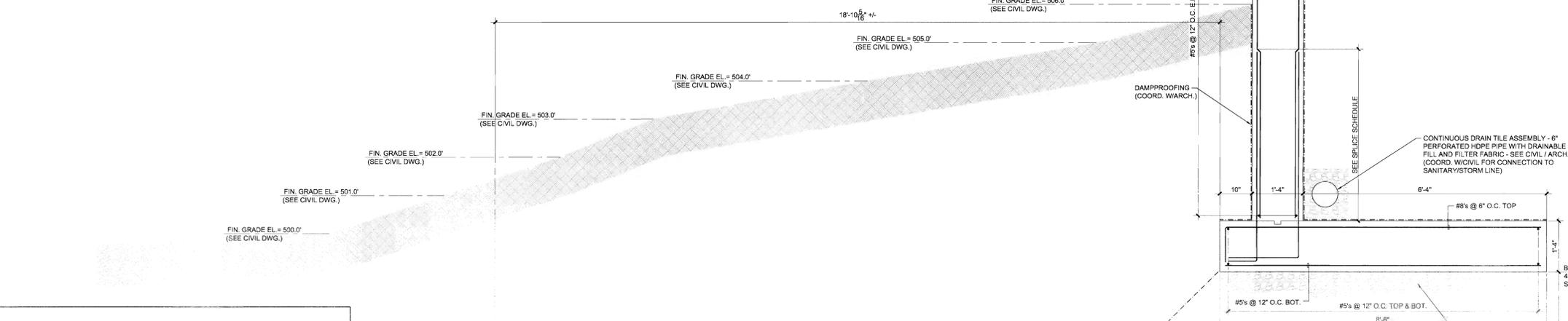
TYPICAL PLAN OF HORIZONTAL REINF. AT CORNERS OF CONCRETE WALLS DETAIL
 NOT TO SCALE



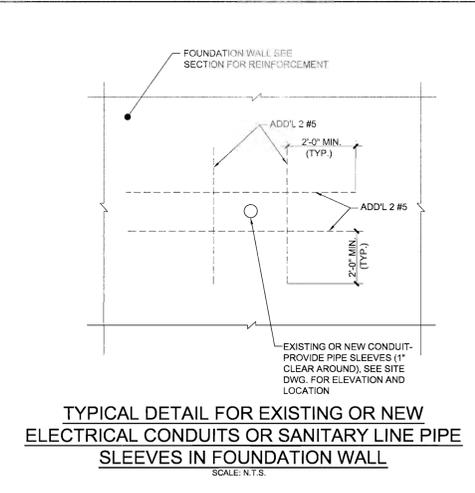
TYPICAL CONSTRUCTION JOINT AT CONCRETE WALLS DETAIL
 NOT TO SCALE

BAR SIZE	SPlice LENGTH SCHEDULE (INCHES)	
	CLASS B (BARS OTHER THAN TOP BARS)	TOP BARS
#3	19	25
#4	25	33
#5	31	40
#6	37	48
#7	54	70
#8	62	81
#9	70	91
#10	79	103

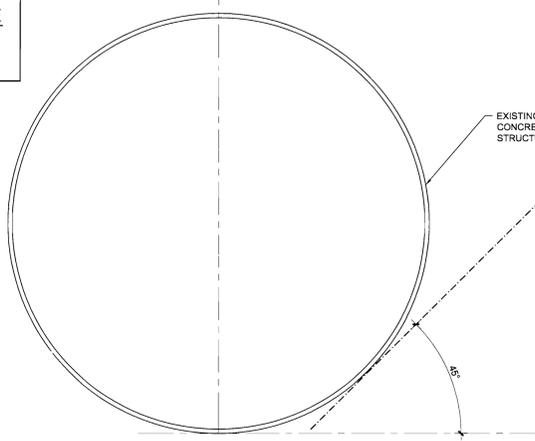
NOTE: IF THE CLEAR SPACING BETWEEN BARS IS LESS THAN 3 BAR DIAMETERS OR IF THE COVER IS LESS THAN 2 BAR DIAMETERS, INCREASE THE SPlice LENGTH BY 50%.



SECTION 3
 SCALE 3/4" = 1'-0"
 S101

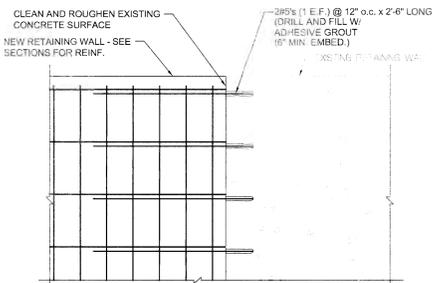


TYPICAL DETAIL FOR EXISTING OR NEW ELECTRICAL CONDUITS OR SANITARY LINE PIPE SLEEVES IN FOUNDATION WALL
 SCALE: N.T.S.



EXISTING 66" Ø CONCRETE BLOCK STRUCTURE SEWER

NOTES:
 1.) INFORMATION OBTAINED FROM CITY OF ALBANY WATER DEPARTMENT.
 2.) ELEVATIONS ARE REPRESENTATIVE FROM SITE PLAN GRADES.



TYPICAL NEW WALL TO EXISTING WALL DETAIL (ELEVATION)
 SCALE: 3/4" = 1'-0"

GENERAL NOTES

- A- CODES:
 1.) AMERICAN CONCRETE INSTITUTE (A.C.I.)
 2.) CONCRETE REINFORCING STEEL INSTITUTE (C.R.S.I.)
- B- CONCRETE:
 1.) ALL CONCRETE TO BE 3,000 PSI @ 28 DAYS.
 2.) CONCRETE WORK TO CONFORM TO ACI-318 CODE, LATEST EDITION.
 3.) ALL CONCRETE TO BE STONE CONCRETE.
 4.) EXTERIOR RETAINING WALL FOOTINGS TO BE CARRIED 4'-0" MINIMUM BELOW FINISHED GRADE.
- C- CONCRETE REINFORCEMENT:
 1.) CONCRETE REINFORCING TO BE F_y=24,000 PSI BILLET STEEL, GRADE 60.
 2.) REINFORCING STEEL PROTECTION TO BE AS FOLLOWS:
 FOOTINGS: 3"
 WALLS & BEAMS: 2"
 3.) REINFORCING BARS TO BE LAPPED AS PER SPlice LENGTH SCHEDULE.
- D- MISCELLANEOUS ITEMS:
 1.) EXISTING SOIL (FILL) TO BE REMOVED TO DEPTH OF 3'-0" BELOW BOTTOM OF FOOTING AND REPLACED WITH COMPACTED SAND AND GRAVEL ON CRUSHED WHERE GROUND WATER OCCURS. PLACE NON-WOVEN GEOTEXTILE FABRIC PRIOR TO PLACEMENT OF ANY FILL (COORD. W/ THE GEOTECHNICAL REPORT).
 2.) SOIL BEARING PRESSURE = 4,000 PSF AS PER THE GEOTECHNICAL REPORT.
 3.) THE CONTRACTOR SHALL NOT POUR CONCRETE ON FROZEN GROUND. THE EXCAVATED SOIL SHALL BE PROTECTED BY MEANS OF HAYBALES OR HEATERS. SHOULD GROUNDWATER OR DRAINAGE WATER FILL THE EXCAVATED AREA, THE CONTRACTOR SHALL DEWATER AS REQUIRED TO POUR THE FOOTINGS AND FOUNDATION WALL. ALL CONCRETE SHALL BE PROTECTED BY HAYBALES, BLANKETS, ETC. FROM TEMPERATURES BELOW FREEZING UNTIL THE CONCRETE HAS ACHIEVED 7 DAY STRENGTH.
 4.) SEE ARCH. DRAWINGS FOR ADDITIONAL WALL INFORMATION.

100% SUBMISSION	06/06/12
Revisions	Date



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Drawing Title
 SECTION, TYPICAL DETAILS AND GENERAL NOTES

APPROVED: VAMC ENGINEERING MNGR OSCAR PRUE

APPROVED: CHIEF, FACILITY SERVICE GLEN CYPHERS

Project Title
 RETAINING WALL REPLACEMENT LOADING DOCK AT LAUNDRY

Building No. Checked RAJ Drawn RP

Location
 ALBANY, NY

Date
 06/05/12

Project No.
 52848-10-809

DRAWING NO.
 S103



SCALE: AS NOTED