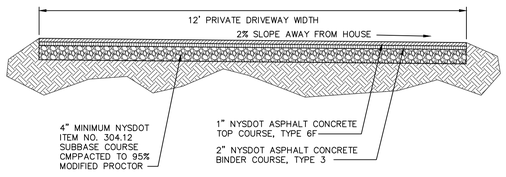
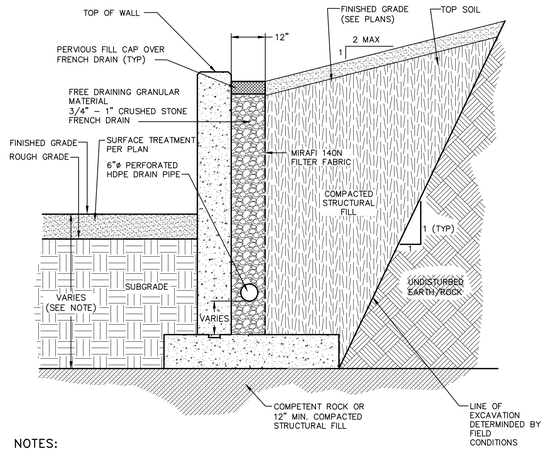
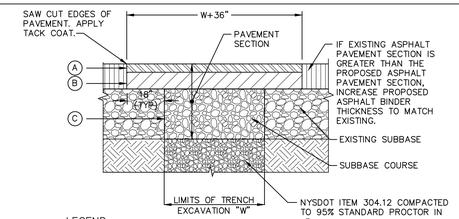


PAVED DRIVEWAY SECTION DETAIL
NOT TO SCALE



NOTES:
1. 48" MINIMUM TO BOTTOM OF FOOTING IF CONSTRUCTED ON SOIL. FOOTINGS CONSTRUCTED ON COMPETENT ROCK DO NOT REQUIRE 48" MINIMUM TO BOTTOM OF FOOTING.
2. IF ROCK IS ENCOUNTERED, THE FOOTING SHALL BE PINNED AND GROUTED TO THE ROCK AT 10' INTERVALS USING #4 REBAR. THE REBAR SHALL EXTEND A MINIMUM OF 8" INTO BOTH THE FOOTING AND THE ROCK.

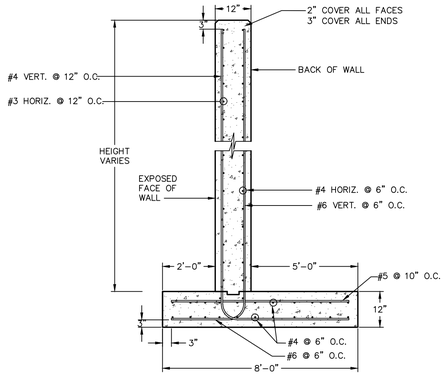
TYPICAL CONCRETE RETAINING WALL DETAIL
NOT TO SCALE



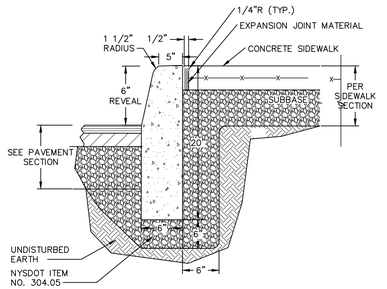
LEGEND
- (A) 1–1/2" ASPHALT CONCRETE TOP COURSE– NYSDOT TYPE 6F
- (B) 3.5" ASPHALT CONCRETE BINDER COURSE– NYSDOT TYPE 3
- (C) 10" GRANULAR SUBBASE COURSE– NYSDOT ITEM 304.12

NOTES:
1. SAW CUT MIN. 18" BEYOND EXCAVATION WITH SMOOTH EDGES. 18" JOINT BETWEEN EXISTING AND NEW TOP COURSE TO BE MILLED. JOINT TO BE SEALED WITH POLYMER MODIFIED SEALER.
2. FURNISH, PLACE, AND COMPACT SUBBASE.
3. TACK COAT IN ACCORDANCE WITH NYSDOT STANDARD SPEC.
4. FURNISH AND PLACE ASPHALT CONCRETE PAVEMENT AS SPECIFIED.

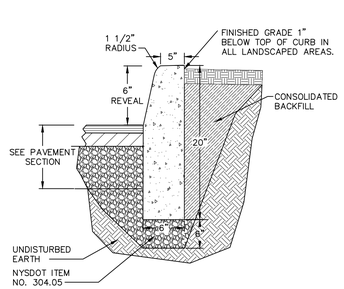
PAVEMENT RESTORATION DETAIL
NOT TO SCALE



TYPICAL CONCRETE RETAINING WALL SECTION DETAIL
NOT TO SCALE



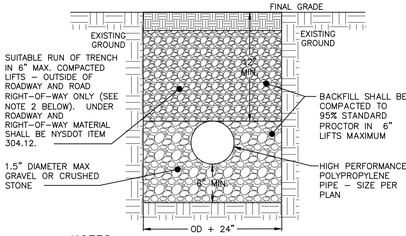
ABUTTING SIDEWALK



ABUTTING GRASS OR LANDSCAPE

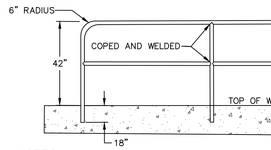
NOTES:
1. CONCRETE CURB SHALL BE 4,000 PSI CAST–IN–PLACE, AND IN ACCORDANCE WITH NYSDOT STANDARD SPECIFICATION SECTION 609.
2. EXPANSION JOINTS OF 1/2" CELLULOSE OR SIMILAR MATERIAL SHALL BE PLACED AT 10 FOOT INTERVALS.
3. FOR MOUNTABLE CURBS ABUTTING SIDEWALK OR OTHER HARDSCAPE, REFER TO "ABUTTING SIDEWALK" DETAIL.

CAST–IN–PLACE CONCRETE CURB DETAIL
NOT TO SCALE



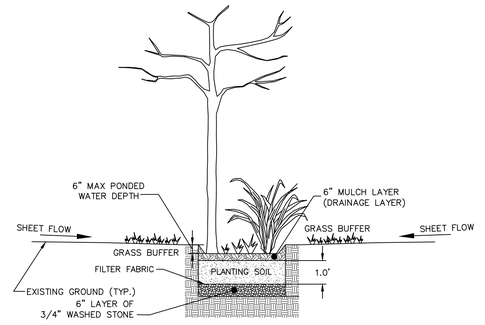
NOTES:
1. EXCAVATION AND TRENCHING SHALL MEET ALL OSHA REQUIREMENTS.

STORM LINE TRENCH DETAIL
NOT TO SCALE



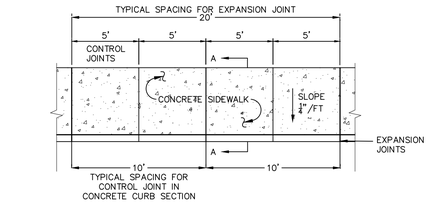
NOTES:
1. USE 2" SCH. 10 S.S POSTS AND RAILS.
2. USE SPECIFICATIONS AS PER AMERICAN RAILING SYSTEMS LLC. 1813 McCLELLAND AVENUE, ERIE, PA 16510
3. ALL WELDS GROUND SMOOTH

2" STEEL TUBING GUIDERAIL DETAIL FOR CONCRETE RETAINING WALL
NOT TO SCALE

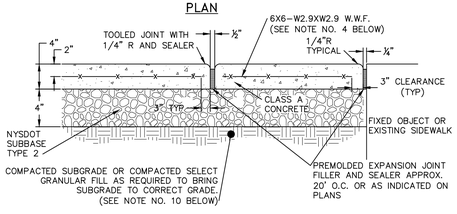


NOTES
1. RAIN GARDEN TO HAVE A MINIMUM FOOTPRINT OF 60 SQUARE FEET WITH 10:1 SIDE SLOPES AT 0.5' DEEP; 1.0' SOIL MEDIA DEPTH; 0.5' DRAINAGE LAYER DEPTH; AND 0.5' PONDING DEPTH.
2. DIRECT ROOF LEADER DISCHARGE TO RAIN GARDEN.
3. PLANTS SHALL BE PLACED IN AREA SHOWN ON THE PLAN.

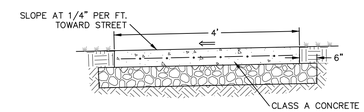
TYPICAL RAIN GARDEN DETAIL
NOT TO SCALE



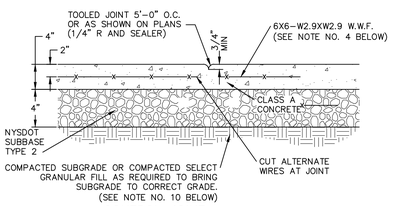
PLAN



EXPANSION JOINT



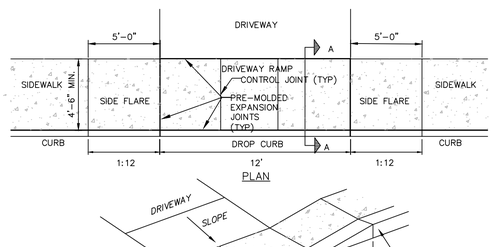
SECTION A–A



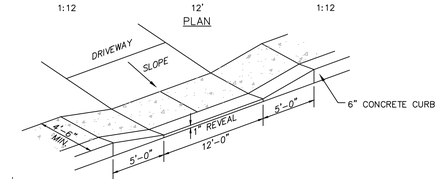
CONTROL JOINT

NOTES:
1. 10' SPACING OF CONTROL JOINTS SHALL BE USED FOR CAST IN PLACE CONCRETE CURBS.
2. MATERIAL AND METHODS OF CONSTRUCTION SHALL BE IN CONFORMANCE WITH THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION (NYSDOT) STANDARD SPECIFICATIONS FOR CONSTRUCTION AND MATERIALS, DATED JANUARY 2, 2002, AND ALL ADDENDA THERETO; THE ONLY EXCEPTION BEING THAT THE WORK OF THIS CONTRACT SHALL BE MEASURED IN ENGLISH UNITS.
3. ALL CONCRETE SHALL BE 3,500 PSI CLASS A CONCRETE. CONCRETE MATERIALS, PLACEMENT, AND CONSTRUCTION SHALL CONFORM WITH SECTION 500 OF THE ABOVE REFERENCED NYSDOT STANDARD SPECIFICATIONS.
4. REINFORCING STEEL FOR CONCRETE SHALL CONFORM WITH SECTION 556 – REINFORCING STEEL FOR CONCRETE STRUCTURES OF THE ABOVE REFERENCED NYSDOT STANDARD SPECIFICATIONS AND AS SPECIFICALLY CALLED OUT IN THE DRAWINGS.
5. ALL EXPOSED SURFACED SHALL HAVE A BROOM TEXTURED FINISH.
6. EXPANSION JOINTS SHALL BE LOCATED A MAXIMUM OF 20' ON CENTER, OR AS INDICATED ON PLANS.
7. JOINTS SHALL NOT BE SAW CUT.
8. EXPOSED CONCRETE SURFACES SHALL BE TREATED WITH "SUREBOND"/"SAFEBOND" SB–7000 INTENSIFIER BRIGHT PROTECTOR AND SIDEWALK SEALER, OR EQUAL. RATE AND METHOD OF APPLICATION SHALL BE IN ACCORDANCE WITH MANUFACTURE'S RECOMMENDATIONS.
9. SUBBASE MATERIAL SHALL CONFORM WITH SECTION 304 OF THE ABOVE REFERENCED NYSDOT STANDARD.
10. WHERE IT IS NECESSARY TO PLACE FILL FOR PURPOSE OF BRINGING THE SUBGRADE ELEVATION UP TO A SPECIFIED GRADE, THE FILL MATERIAL PLACED SHALL BE IN CONFORMATION WITH SECTION 203–EXCAVATION AND EMBANKMENT OF THE ABOVE REFERENCED NYSDOT STANDARD SPECIFICATIONS.
11. ALL WORK SHALL CONFORM WITH SECTION 608–SIDEWALK, DRIVEWAYS, AND BICYCLE PATHS OF THE ABOVE REFERENCED NYSDOT STANDARD SPECIFICATIONS.

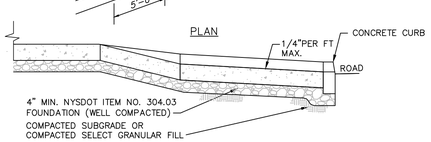
CONCRETE SIDEWALK DETAIL
NOT TO SCALE



PLAN



PLAN



SECTION A–A

NOTE:
1. PRE–MOLDED EXPANSION JOINTS TO BE USED AT ALL JOINTS.

DRIVEWAY ENTRANCE DETAIL
NOT TO SCALE

DRAWN BY: AG	CHECKED BY: MAB	JOB NO.: 2017:002

REVISIONS:

NO.	DATE	DESCRIPTION	BY
1	03/28/2017	PER CONSULTANTS COMMENTS	AG

APPROVED BY RESOLUTION OF THE PLANNING BOARD OF THE CITY OF BEACON, NEW YORK, ON THE _____ DAY OF _____ 20_____ SUBJECT TO ALL REQUIREMENTS AND CONDITIONS OF SAID RESOLUTION. ANY CHANGE, ERASURE, MODIFICATION OR REVISION OF THIS PLAT, AS APPROVED, SHALL VOID THIS APPROVAL.

SIGNED THIS _____ DAY OF _____, 20_____, BY

_____ CHAIRMAN

_____ SECRETARY

IN ABSENCE OF THE CHAIRMAN OR SECRETARY, THE ACTING CHAIRMAN OR ACTING SECRETARY RESPECTIVELY MAY SIGN IN THIS PLACE.

SITE DETAILS
55 PROSPECT STREET

55 PROSPECT STREET
CITY OF BEACON
DUTCHESS COUNTY, NEW YORK
TAX ID: 6054–46–243586
SCALE: 1" = 20'
FEBRUARY 28, 2017

HUDSON LAND DESIGN
HUDSON LAND DESIGN
PROFESSIONAL ENGINEERING P.C.
174 MAIN STREET
BEACON, NEW YORK 12508
PH: 845–440–6926 F: 845–440–6637

SEAL
JON D. BODENDORF, P.E.
NYS LICENSE NO. 076245
DANIEL G. KOEHLER, P.E.
NYS LICENSE NO. 082716