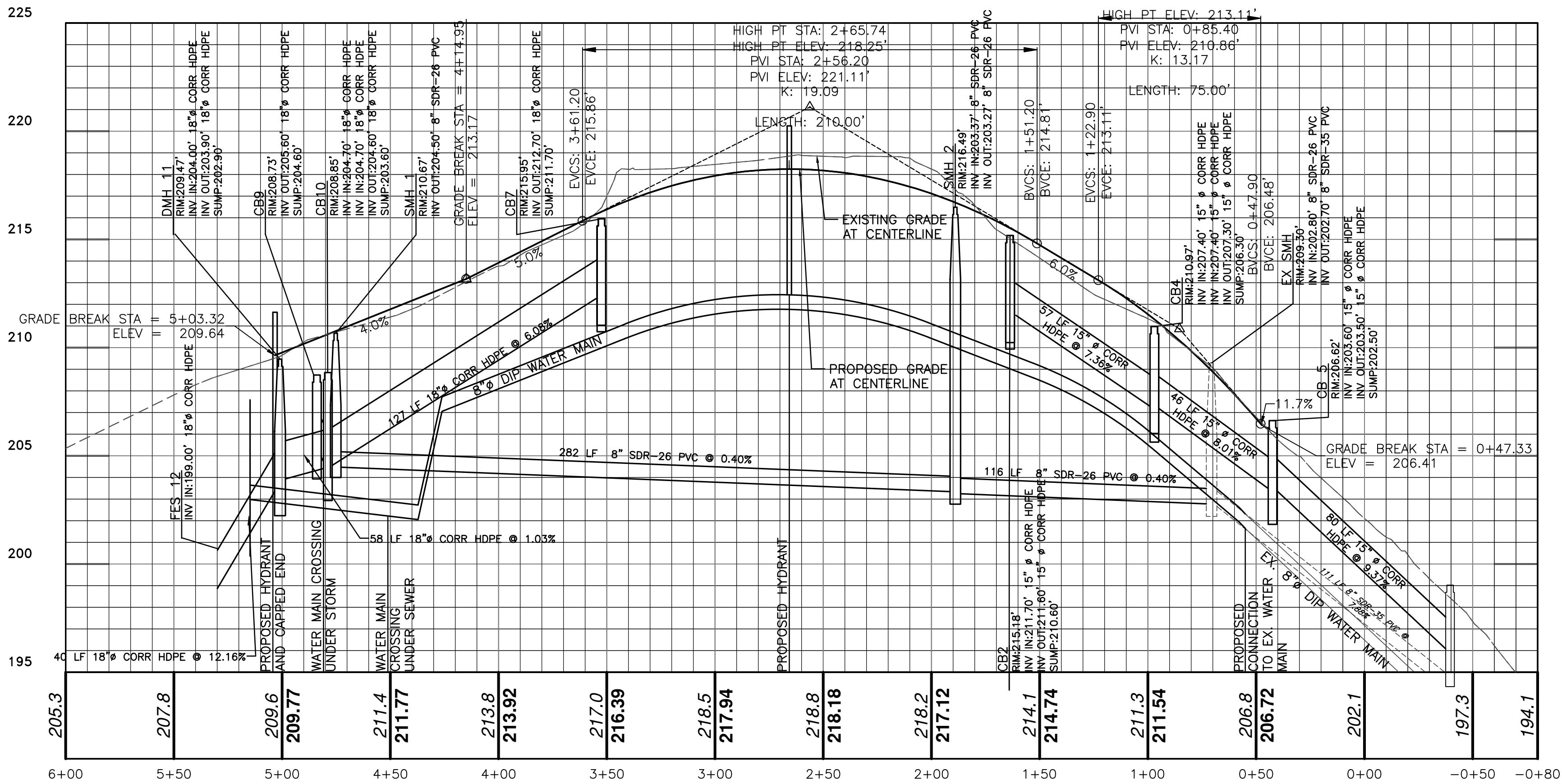
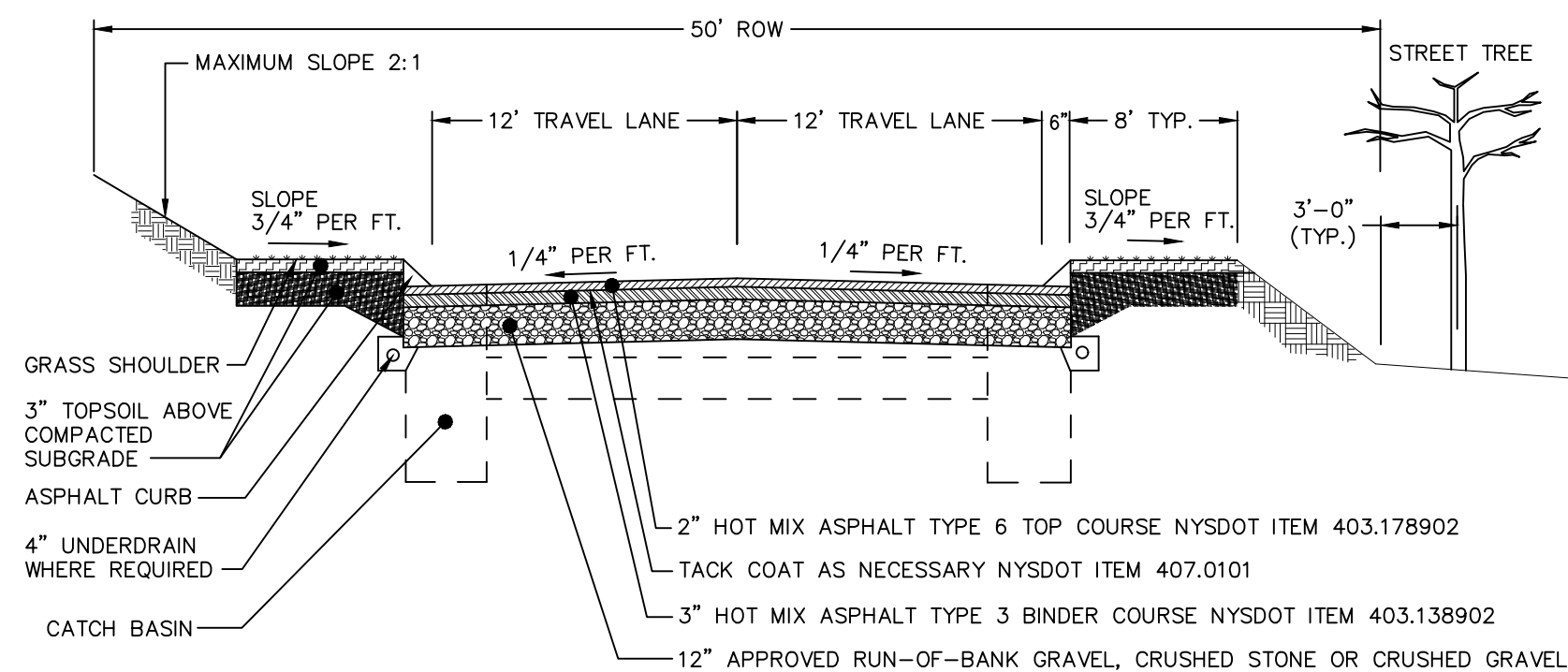




ROAD EXTENSION PROFILE

SCALE: 1" = 4' V
1" = 40' H

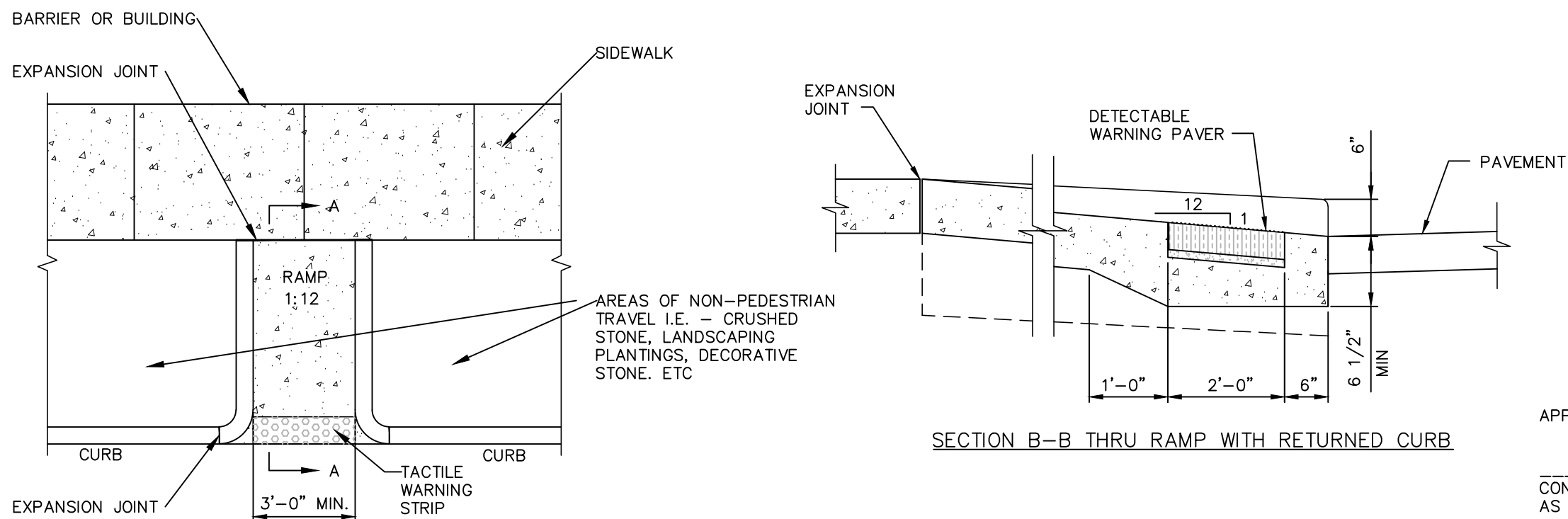


NOTES:

1. THE PROPOSED TOWN ROAD SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE SPECIFICATIONS OF ARTICLE V OF TOWN CODE CHAPTER 214 (STREETS AND LANDS) AND IN ACCORDANCE WITH THE LINES AND GRADES ON THE PLAN.
2. REFERENCED NEW YORK STATE DEPARTMENT OF TRANSPORTATION (NYSDOT) ITEMS NUMBERS SHALL BE BASED ON THE MOST RECENT STANDARD SPECIFICATIONS.
3. REFER TO THE SUBDIVISION PLAN FOR ROAD GRADING AT THE INTERSECTION TO MEET EXISTING COUNTY ROAD GRADES
4. REFER TO THE DCDPW LOCAL ROAD/SUBDIVISION ROAD DETAIL FOR INITIAL PAVING SECTION.

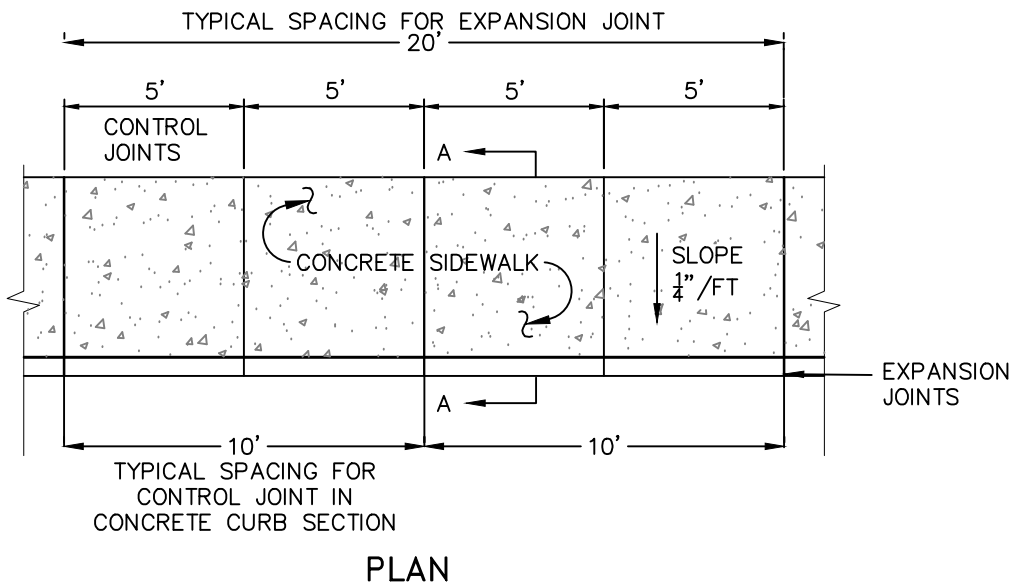
TYPICAL ROAD CROSS-SECTION DETAIL

NOT TO SCALE

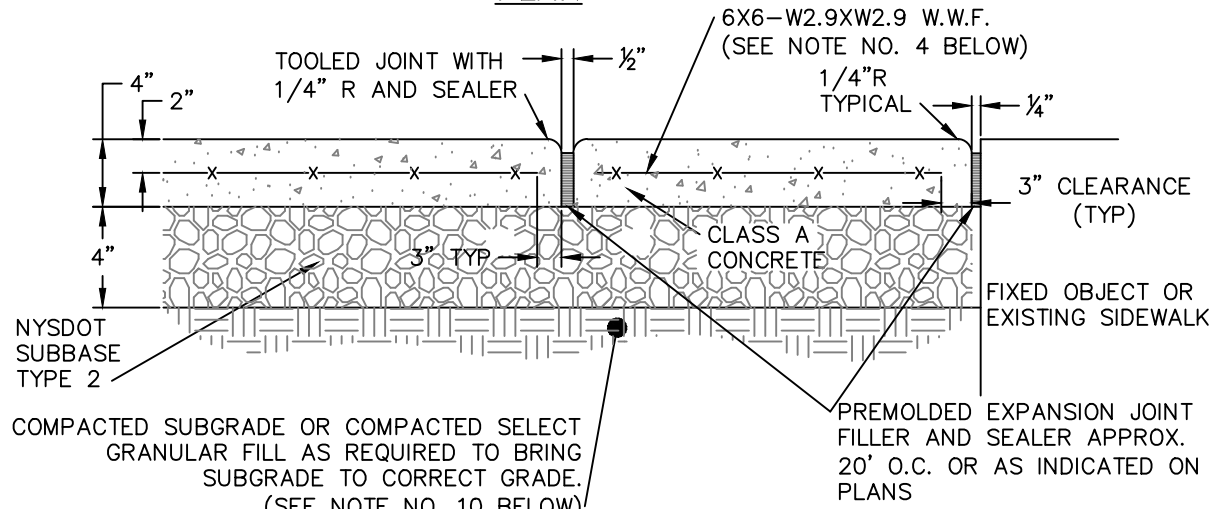


CAST-IN-PLACE CONCRETE CURB DETAIL

NOT TO SCALE



PLAN



SECTION A-A

NOTES: EXPANSION JOINT

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 SURFACES 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"/"SAFEARBOND" SB-7000 INTENSIFIER BRIGHT PROTECTOR AND SIDEWALK SEALER, OR EQUAL. RATE AND METHOD OF APPLICATION SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
9. SUBGRADE 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 CONFORMANCE 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.
12. CONCRETE SHALL BE SEALED WITH A SALT RESISTANT SEALER.

CONCRETE SIDEWALK DETAIL

NOT TO SCALE

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.

Dig Safely.
New York
800-962-7962
www.digsafelynewyork.org

- ☐ Call Before You Dig
- ☐ Wait The Required Time
- ☐ Confirm Utility Response
- ☐ Respect the Marks
- ☐ Dig With Care

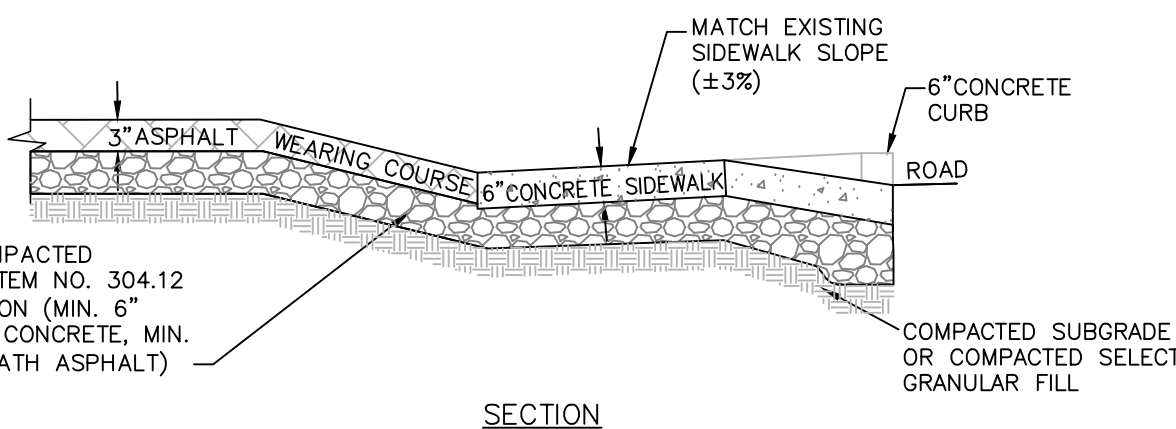
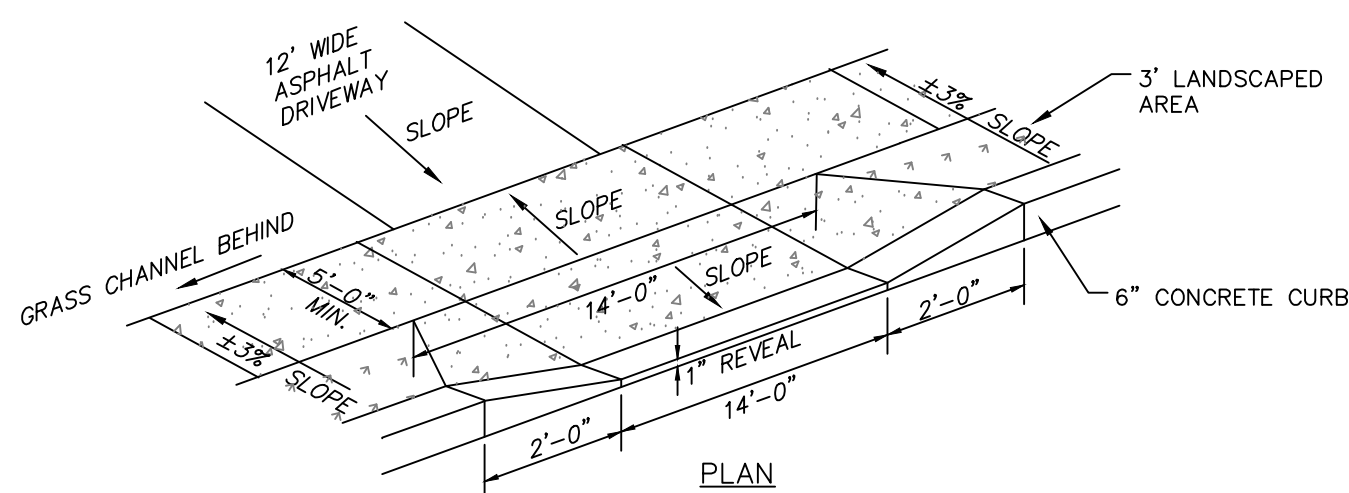
STORM SEWER STRUCTURE TABLE	
STRUCTURE	STRUCTURE DETAILS
CB 5	RIM = 206.62 SUMP = 202.50 PIPE 4-5 INV IN = 203.60 PIPE 5-EX INV OUT = 203.50
CB1	RIM = 215.18 SUMP = 210.90 PIPE 1-2 INV OUT = 211.90
CB2	RIM = 215.18 SUMP = 210.60 PIPE 1-2 INV IN = 211.70 PIPE 2-4 INV OUT = 211.60
CB3	RIM = 210.97 SUMP = 206.70 PIPE 3-4 INV OUT = 207.70
CB4	RIM = 210.97 SUMP = 206.30 PIPE 2-4 INV IN = 207.40 PIPE 3-4 INV IN = 207.40 PIPE 4-5 INV OUT = 207.30
CB7	RIM = 215.95 SUMP = 211.70 PIPE 7-8 INV OUT = 212.70
CB8	RIM = 215.95 SUMP = 211.40 PIPE 7-8 INV IN = 212.50 PIPE 8-10 INV OUT = 212.40
CB9	RIM = 208.73 SUMP = 204.60 PIPE 9-10 INV OUT = 205.60
CB10	RIM = 208.85 SUMP = 203.60 PIPE 8-10 INV IN = 204.70 PIPE 9-10 INV IN = 204.70 PIPE 10-11 INV OUT = 204.60
DMH 11	RIM = 209.47 SUMP = 202.90 PIPE 10-11 INV IN = 204.00 PIPE 11-12 INV OUT = 203.90

FLARED END SECTION TABLE	
STRUCTURE	STRUCTURE DETAILS
FES 12	PIPE 11-12 INV IN = 199.00

STORM SEWER PIPE TABLE			
PIPE NAME	LENGTH	SIZE AND MATERIAL	SLOPE
PIPE 1-2	20 LF	15" Ø CORR HDPE	0.98%
PIPE 2-4	57 LF	15" Ø CORR HDPE	7.36%
PIPE 3-4	25 LF	15" Ø CORR HDPE	1.20%
PIPE 4-5	46 LF	15" Ø CORR HDPE	8.01%
PIPE 5-EX	80 LF	15" Ø CORR HDPE	9.37%
PIPE 7-8	17 LF	18" Ø CORR HDPE	1.19%
PIPE 8-10	127 LF	18" Ø CORR HDPE	6.08%
PIPE 9-10	87 LF	18" Ø CORR HDPE	1.03%
PIPE 10-11	58 LF	18" Ø CORR HDPE	1.03%
PIPE 11-12	40 LF	18" Ø CORR HDPE	12.16%

SANITARY SEWER STRUCTURE TABLE	
STRUCTURE	STRUCTURE DETAILS
EX SMH	RIM = 209.30 SUMP = 202.70 PIPE 2-EX INV IN = 202.80 EX. PIPE INV OUT = 202.70
SMH 1	RIM = 210.67 SUMP = 204.50 PIPE 1-2 INV OUT = 204.50
SMH 2	RIM = 216.49 SUMP = 203.27 PIPE 1-2 INV IN = 203.37 PIPE 2-EX INV OUT = 203.27

SANITARY SEWER PIPE TABLE			
PIPE NAME	LENGTH	SIZE AND MATERIAL	SLOPE
PIPE 1-2	282 LF	8" SDR-26 PVC	0.40%
PIPE 2-EX	116 LF	8" SDR-26 PVC	0.40%
EX. PIPE	111 LF	8" SDR-35 PVC	7.88%



NOTE:

1. PRE-MOLDED EXPANSION JOINTS TO BE USED AT ALL JOINTS.
2. DRIVEWAY SHALL BE PAVED AFTER THE SIDEWALK.
3. EXISTING SIDEWALK TO REMAIN UNTOUCHED.
4. CONCRETE SHALL BE SEALED WITH A SALT RESISTANT SEALER.

DRIVEWAY ENTRANCE THROUGH SIDEWALK DETAIL
NOT TO SCALE

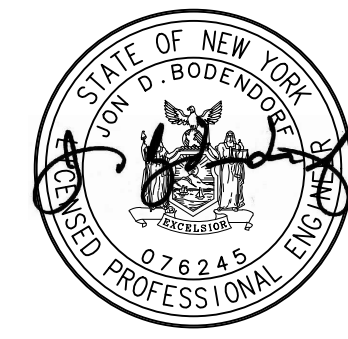
UTILITY PLAN & PROFILE
25 TOWNSEND STREET

25 TOWNSEND STREET
CITY OF BEACON
DUTCHESS COUNTY, NEW YORK
TAX ID: 6055-03-383149
SCALE: 1" = 40'
DECEMBER 7, 2015

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

SHEET: 4 OF 8