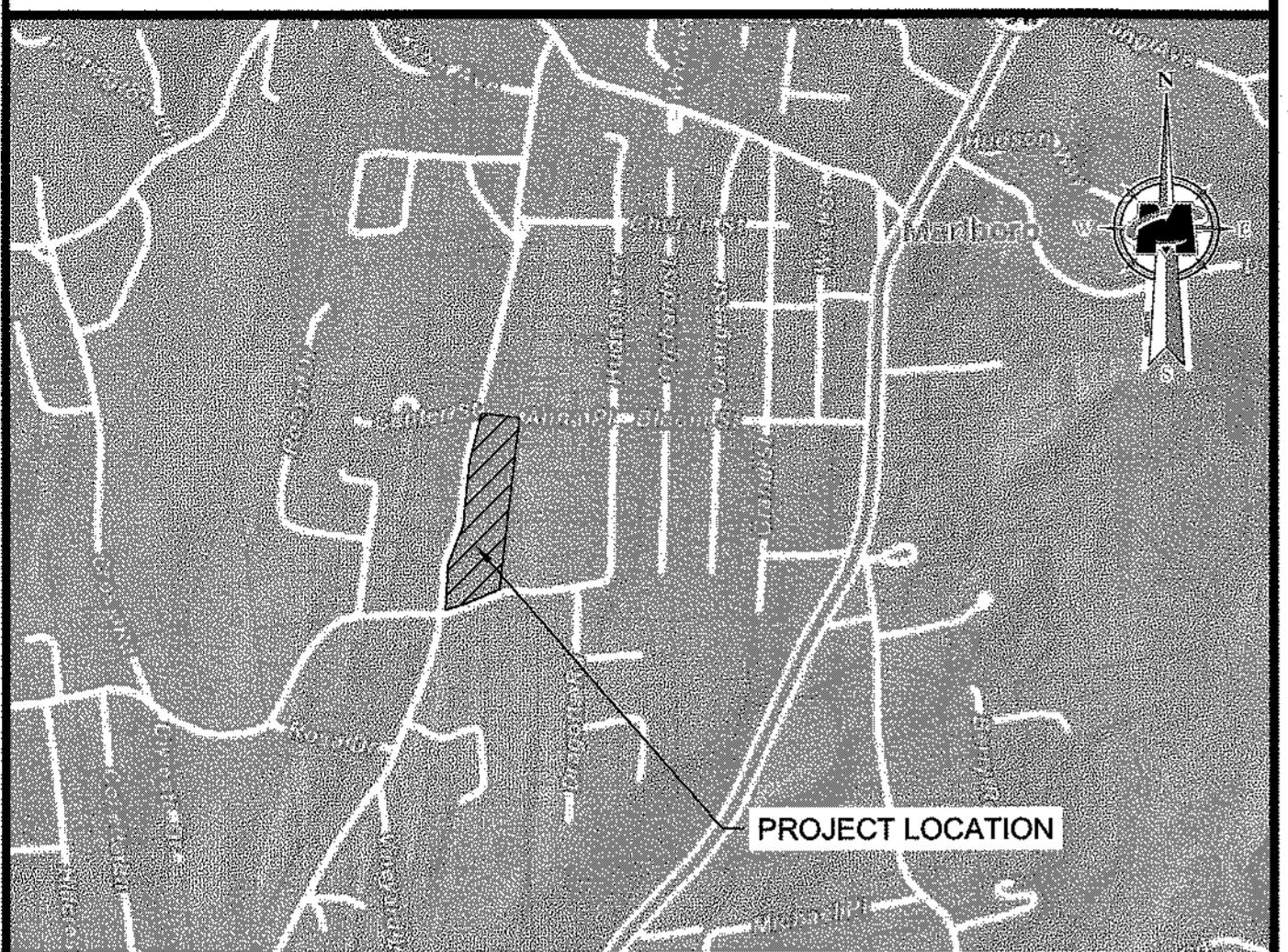
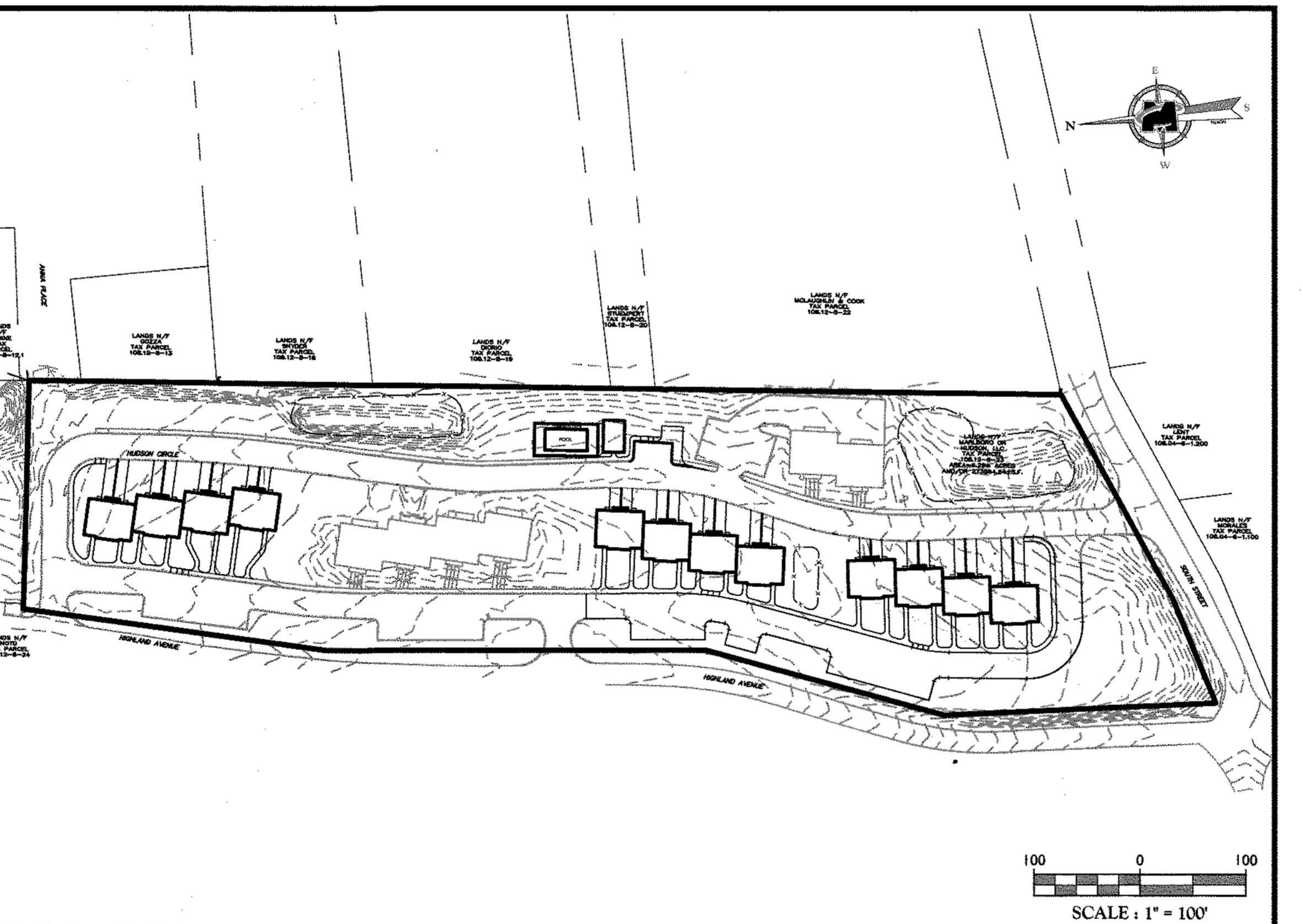


VICINITY MAP



SCALE: 1"=1,000'

**SITE PLANS
FOR
MARLBORO ON HUDSON
SECTION 108.12, BLOCK 8, LOT 23
TOWN OF MARLBOROUGH
ULSTER COUNTY, NEW YORK**



KEY & ZONING MAP

OWNER: MARLBORO ON HUDSON, LLC.
ADDRESS: 11 RACQUET ROAD, NEWBURGH, NY 12550
PHONE: (845) 567-9000

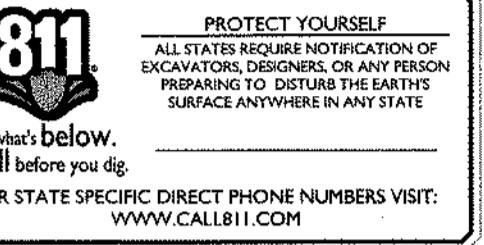
APPLICANT: HIGHLAND AVENUE MARLBORO, LLC.
ADDRESS: HIGHLAND AVENUE MARLBORO, NY 12542
PHONE: (845) 567-9000

INDEX OF SHEETS

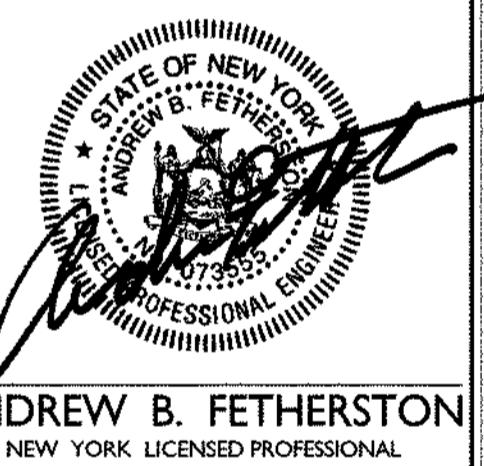
SHT. No.	DESCRIPTION	LATEST REVISION
1	COVER SHEET	
2	EXISTING CONDITIONS AND DEMOLITION PLAN	
3	LAYOUT AND DIMENSION PLAN	
4	GRADING PLAN	
5	UTILITY PLAN	
6	SOIL EROSION AND SEDIMENT CONTROL PLAN	
7	SOIL EROSION AND SEDIMENT CONTROL DETAILS	
8 & 9	CONSTRUCTION DETAILS	

GENERAL INFORMATION

1. BOUNDARY AND TOPOGRAPHIC INFORMATION SHOWN HEREON IS TAKEN FROM A PLAN ENTITLED "AS-BUILT SURVEY FOR PINE VIEW CORNERS" PREPARED BY MASER CONSULTING, P.A. AND PREPARED FOR MARLBORO ON HUDSON, LLC, DATED MARCH 18, 2018.
2. THE HORIZONTAL DATUM IS RELATIVE TO THE NEW YORK STATE PLANE COORDINATE SYSTEM EAST ZONE AND ADJUSTED TO NAD 1983. THE VERTICAL DATUM IS RELATIVE TO N.A.V.D. 1988.
3. NO 100 YEAR FLOOD PLAINS ARE KNOWN TO EXIST ON THE SITE PER THE FLOOD INSURANCE RATE MAP 36111C0905E, DATED SEPTEMBER 25, 2009 PREPARED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY.
4. MATERIALS, WORKMANSHIP, AND CONSTRUCTION FOR THE SITE IMPROVEMENTS SHOWN HEREON SHALL BE IN ACCORDANCE WITH:
 - A. NEW YORK STATE DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS", 2002, AS SUPPLEMENTED.
 - B. CURRENT PREVAILING MUNICIPAL, COUNTY, AND/OR STATE AGENCY SPECIFICATIONS, STANDARDS, CONDITIONS, AND REQUIREMENTS.
 - C. CURRENT PREVAILING UTILITY COMPANY/AUTHORITY SPECIFICATIONS, STANDARDS, AND REQUIREMENTS.
 - D. CURRENT MANUFACTURER SPECIFICATIONS, STANDARDS, AND REQUIREMENTS.
5. WATER SERVICE TO BE PROVIDED FROM EXISTING ON SITE WATER MAIN PREVIOUSLY INSTALLED ON HUDSON CIRCLE.
6. SANITARY SEWER SERVICE SHALL CONNECT TO THE EXITING 8" GRAVITY LINE PREVIOUSLY INSTALLED ON HUDSON CIRCLE. THE PUMP STATION ON SITE WAS INSPECTED BY MASER CONSULTING P.A. ON APRIL 25, 2018 AND FOUND TO BE FULLY OPERATIONAL. THE FLOATS SHALL BE RESET ACCORDING TO THE SITE PLAN. ANY ADDITIONAL PROPOSED SEWER MAIN EXTENSIONS AND MANHOLE LOCATIONS ARE SUBJECT TO MUNICIPAL REVIEW AND APPROVAL, ACCORDING TO MUNICIPAL AND ULSTER COUNTY HEALTH DEPARTMENT REGULATIONS. PIPE MATERIALS SHALL BE PVC SDR-35, EXCEPT AS NOTED OTHERWISE ON THE PLANS. EXCEPT WHERE SHALLOWER DEPTHS ARE PERMITTED BY THE MUNICIPALITY OR UTILITY AUTHORITY, SEWER LINES, INCLUDING PIPE MAINS AND LATERALS, SHALL BE INSTALLED TO PROVIDE A MINIMUM 4 FEET OF COVER FROM THE TOP OF PIPE TO PROPOSED GRADE.
7. SANITARY SEWERS SHALL BE SEPARATED FROM WATER MAINS BY AT LEAST 10 FEET HORIZONTALLY. IF SUCH SEPARATION IS NOT POSSIBLE, THE PIPES SHALL BE IN SEPARATE TRENCHES WITH THE SANITARY SEWER AT LEAST 18 INCHES BELOW THE BOTTOM OF THE WATER MAIN. WHERE APPROPRIATE SEPARATION IS NOT POSSIBLE, THE SEWER SHALL BE ENCASED IN CONCRETE OR CONSTRUCTED OF DUCTILE-IRON-PIPE USING MECHANICAL OR SLIP ON JOINTS, FOR A DISTANCE OF 10 FEET ON EITHER SIDE OF THE CROSSING. IN ADDITION, ONE FULL LENGTH OF SEWER PIPE SHOULD BE LOCATED SO BOTH JOINTS ARE AS FAR AWAY AS POSSIBLE FROM THE WATER LINE.
8. GAS, ELECTRIC, LIGHTING, CABLE TELEVISION, AND ELECTRICAL SERVICE PLANS, IF REQUIRED, SHALL BE PREPARED BY THE RESPECTIVE UTILITY COMPANIES THAT SERVICE THE AREA PRIOR TO SITE CONSTRUCTION AND SHALL BE INSTALLED PER ORDINANCE REQUIREMENTS.
9. TELEPHONE, ELECTRIC, AND GAS LINES WILL BE INSTALLED UNDERGROUND. CROSSINGS OF PROPOSED PAVEMENTS WILL BE INSTALLED PRIOR TO THE CONSTRUCTION OF PAVEMENT BASE COURSE.
10. UTILITY RELOCATIONS SHOWN HEREON, IF ANY, ARE FOR INFORMATIONAL PURPOSES ONLY AND MAY NOT REPRESENT ALL REQUIRED UTILITY RELOCATIONS. THE CONTRACTOR IS RESPONSIBLE FOR PERFORMING AND/OR COORDINATING ALL REQUIRED UTILITY RELOCATIONS IN COOPERATION WITH THE RESPECTIVE UTILITY COMPANY/AUTHORITIES.
11. STORM SEWERS SHALL BE CLASS III (OR HIGHER IF NOTED) REINFORCED CONCRETE PIPE (RCP) WITH "O" RING GASKETS, HIGH DENSITY POLYETHYLENE PIPE (HDPE) OR APPROVED EQUAL AS NOTED. PROPER PIPE COVERAGE SHALL BE MAINTAINED DURING ALL PHASES OF CONSTRUCTION. PIPE LENGTHS SHOWN HEREON ARE FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE.
12. REFUSE AND RECYCLABLES SHALL BE STORED ON-SITE, IN DESIGNATED LOCATIONS.
13. TRAFFIC SIGNAGE AND STRIPING SHALL CORRESPOND TO THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
14. THESE ARE FINAL SITE PLANS AND UNLESS SPECIFICALLY NOTED ELSEWHERE HEREON, IS NOT A SURVEY.
15. BUILDING FOOTPRINT DIMENSIONS SHOWN HEREON ARE APPROXIMATE. FINAL BUILDING FOOTPRINT DIMENSIONS FOR EACH BUILDING SHALL BE FURNISHED ON THE INDIVIDUAL PLOT PLANS/ARCHITECTURAL PLANS AT THE TIME OF APPLICATION FOR A BUILDING PERMIT. ALL STRUCTURES SHALL CONFORM TO THE APPROVED BULK ZONING REQUIREMENTS.
16. DO NOT SCALE DRAWINGS AS THEY PERTAIN TO ADJACENT AND SURROUNDING PHYSICAL CONDITIONS, BUILDINGS, STRUCTURES, ETC. THEY ARE SCHEMATIC ONLY, EXCEPT WHERE DIMENSIONS ARE SHOWN THEREON.
17. THIS SET OF PLANS HAS BEEN PREPARED FOR THE PURPOSES OF MUNICIPAL AND AGENCY REVIEW AND APPROVAL. THIS SET OF PLANS SHALL NOT BE UTILIZED AS CONSTRUCTION DOCUMENTS UNTIL ALL APPROVALS REQUIRED HAVE BEEN OBTAINED. ALL CONDITIONS OF APPROVAL HAVE BEEN SATISFIED AND THE DRAWINGS HAVE BEEN STAMPED "ISSUED FOR CONSTRUCTION". THIS SHALL INCLUDE APPROVAL OF ALL CATALOG CUTS, SHOP DRAWINGS AND/OR DESIGN CALCULATIONS AS REQUIRED BY THE PROJECT OWNER AND/OR MUNICIPALITY.
18. EXISTING UTILITY INFORMATION SHOWN HEREON HAS BEEN COLLECTED FROM VARIOUS SOURCES AND IS NOT GUARANTEED AS TO ACCURACY OR COMPLETENESS. THE CONTRACTOR SHALL VERIFY ALL INFORMATION TO HIS SATISFACTION PRIOR TO EXCAVATION. WHERE EXISTING UTILITIES ARE TO BE CROSSED BY PROPOSED CONSTRUCTIONS, TEST PITS SHALL BE DUG BY THE CONTRACTOR PRIOR TO CONSTRUCTION TO ASCERTAIN EXISTING INVERTS, MATERIALS, AND SIZES. TEST PIT INFORMATION SHALL BE GIVEN TO THE ENGINEER PRIOR TO CONSTRUCTION TO PERMIT ADJUSTMENTS AS REQUIRED TO AVOID CONFLICTS. THE CONTRACTOR SHALL NOTIFY THE UNDER SIGNED PROFESSIONAL IMMEDIATELY IF ANY FIELD CONDITIONS ENCOUNTERED DIFFER MATERIALLY FROM THOSE REPRESENTED HEREON. SUCH CONDITIONS COULD RENDER THE DESIGNS HEREON INAPPROPRIATE OR INEFFECTIVE.
19. THIS SET OF PLANS DOES NOT DEPICT ENVIRONMENTAL CONDITIONS OR A CERTIFICATION/WARRANTY REGARDING THE PRESENCE OR ABSENCE OF ENVIRONMENTALLY IMPACTED SITE CONDITIONS. MASER CONSULTING HAS PERFORMED NO EXPLORATORY OR TESTING SERVICES, INTERPRETATIONS, CONCLUSIONS OR OTHER SITE ENVIRONMENTAL SERVICES RELATED TO THE DETERMINATION OF THE POTENTIAL FOR CHEMICAL, TOXIC, RADIOACTIVE OR OTHER TYPE OF CONTAMINANTS AFFECTING THE PROPERTY AND THE UNDERSIGNED PROFESSIONAL IS NOT QUALIFIED TO DETERMINE THE EXISTENCE OF SAME. SHOULD ENVIRONMENTAL CONTAMINATION OR WASTE BE DISCOVERED, THE OWNER AND CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH ALL APPLICABLE LAWS AND REGULATIONS.
20. THE CONTRACTOR IS RESPONSIBLE FOR PROJECT SAFETY, INCLUDING PROVISION OF ALL APPROPRIATE SAFETY DEVICES AND TRAINING REQUIRED.
21. INFORMATION SHOWN HEREON IS INCORPORATED WITH THE CONTENTS OF THE FOLLOWING REPORTS:
 - "STORMWATER POLLUTION PREVENTION PLAN (SWPPP)" PREPARED FOR MARLBORO ON HUDSON, PREPARED BY MASER CONSULTING, P.A. DATED JUNE 2018.
22. THESE GENERAL NOTES SHALL APPLY TO ALL SHEETS IN THIS SET.



DESCRIPTION	DATE	DRAWN BY	REV

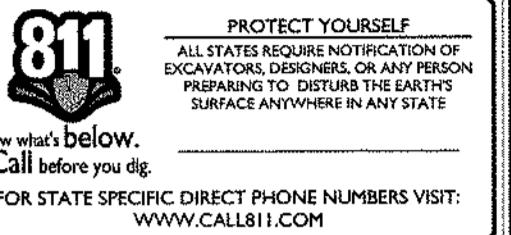


SITE PLAN
FOR
MARLBORO ON
HUDSON
SECTION 108.12
BLOCK 8
LOT 23

TOWN OF MARLBOROUGH
ULSTER COUNTY
NEW YORK STATE

NEW WINDSOR OFFICE
555 Hudson Valley Avenue
Suite 100
New Windsor, NY 12553
Phone: 845.564.4495
Fax: 845.567.1025

SCALE	DATE	DRAWN BY	CHECKED BY
AS SHOWN	06/18/2018	CPM	ABF
PROJECT NUMBER:	030218F	DRAWING NAME:	C-CVER
SHEET TITLE:	COVER SHEET		
SHEET NUMBER:	01 of 09		



ALL STATES REQUIRE NOTIFICATION OF EXCAVATORS, DREDGERS, OR DRILLERS TO DIAL 811. DO NOT DIG IN THE EARTH SURFACE ANYWHERE IN ANY STATE.

State of N.Y. Certificate of Authorization: 0008671 / 0008821

DATE: DRAWN BY: DESCRIPTION: REV: 1



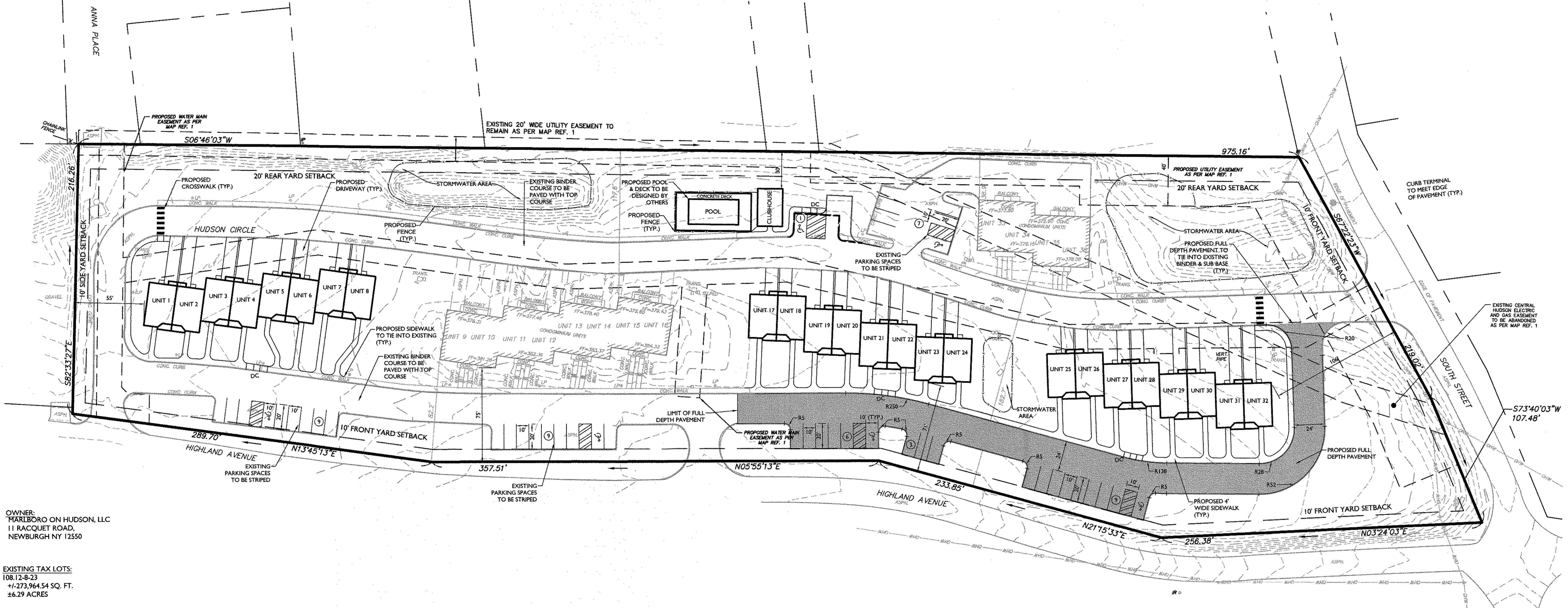
SITE PLAN
FOR
MARLBORO ON HUDSON

SECTION 108.12
BLOCK 8
LOT 23

TOWN OF MARLBOROUGH
ULSTER COUNTY
NEW YORK STATE

NEW WINDSOR OFFICE
555 Hudson Valley Avenue
Suite 101
New Windsor, NY 12553
Phone: 845.564.4495
Fax: 845.567.1025

SCALE: DATE: DRAWN BY: CHECKED BY:
AS SHOWN 04/18/2018 CPM ABF
PROJECT NUMBER: 030218P DRAWING NAME: C-LATT
SHEET TITLE: LAYOUT AND
DIMENSION PLAN
SHEET NUMBER: 03 of 09



BULK TABLE

ZONE R (RESIDENTIAL DISTRICT)
SPECIAL USE PERMIT: (4C) MULTIPLE DWELLINGS.

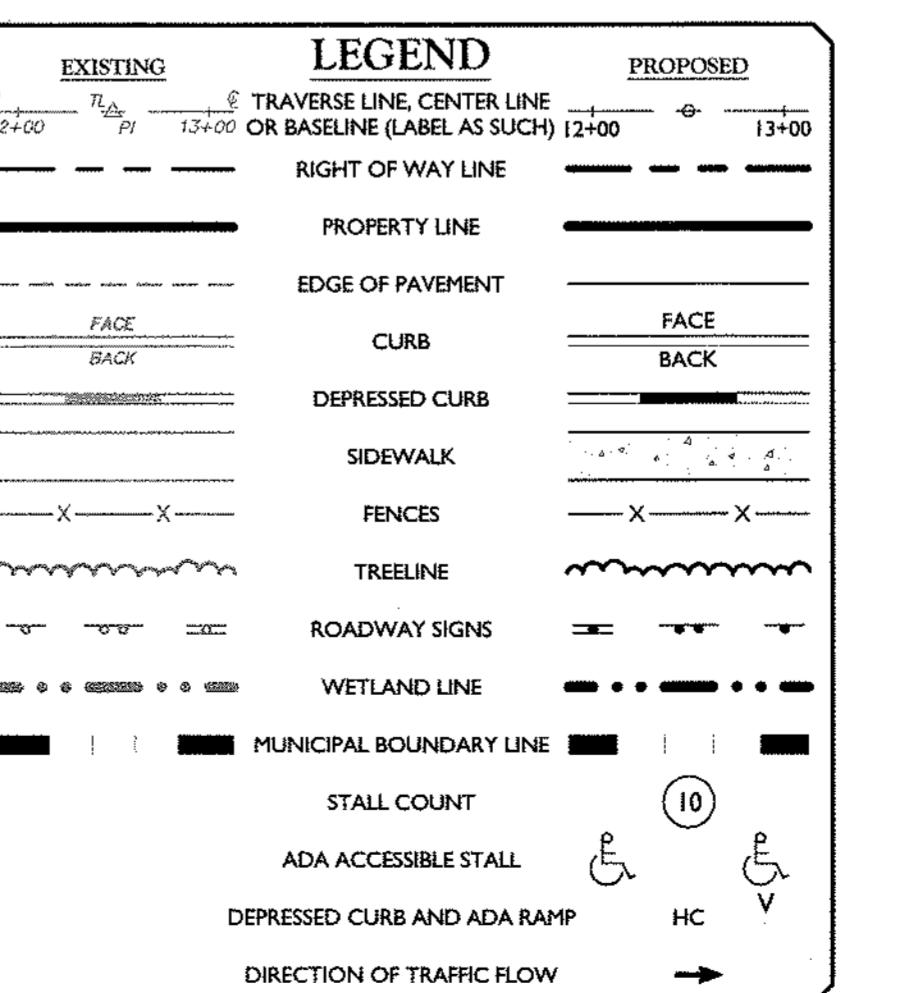
MINIMUM	REQUIRED	PROVIDED	REMARKS
LOT AREA	10,000 SQ. FT. (WITH PUBLIC WATER AND SEWER)	273,964 SQ. FT.	OK
FRONT YARD SETBACK	10 FEET	71 FEET	
REAR YARD SETBACK	20 FEET	30 FEET	OK
SIDE YARD SETBACK			
ONE	10 FEET	55 FEET	OK
BOTH	25 FEET	55 FEET	OK
LOT WIDTH	75 FEET	975 FEET	OK
LOT DEPTH	100 FEET	216 FEET	OK
MAXIMUM			
BUILDING HEIGHT	35 FEET (2+ STORIES)	<35 FEET	OK
LOT BUILDING COVERAGE	30%	18.4% (50,444 SQ.FT.)	OK

PARKING REGULATIONS:

REQUIRED:
MULTIPLE DWELLINGS 1.5 SPACES FOR EACH DWELLING UNIT. (ROUNDED DOWN TO A WHOLE NUMBER)
12 UNITS (EXISTING) + 24 UNITS (PROPOSED) = 36 UNITS TOTAL * 1.5 SPACES/ UNIT = 54 SPACES REQUIRED.

PROVIDED:
1 GARAGE SPACE PER UNIT (36)
1 DRIVEWAY SPACE PER UNIT (36)
GUEST AND ADA SPACES
TOTAL PROPOSED SPACES
= 36 SPACES
= 36 SPACES
= 44 SPACES
= 116 SPACES

NOTES:
1. BOUNDARY INFORMATION TAKEN FROM MAP REFERENCE ENTITLED "AS-BUILT SURVEY FOR PINE
VIEW CORNERS" BY MASER CONSULTING, P.A. DATED APRIL 18, 2018



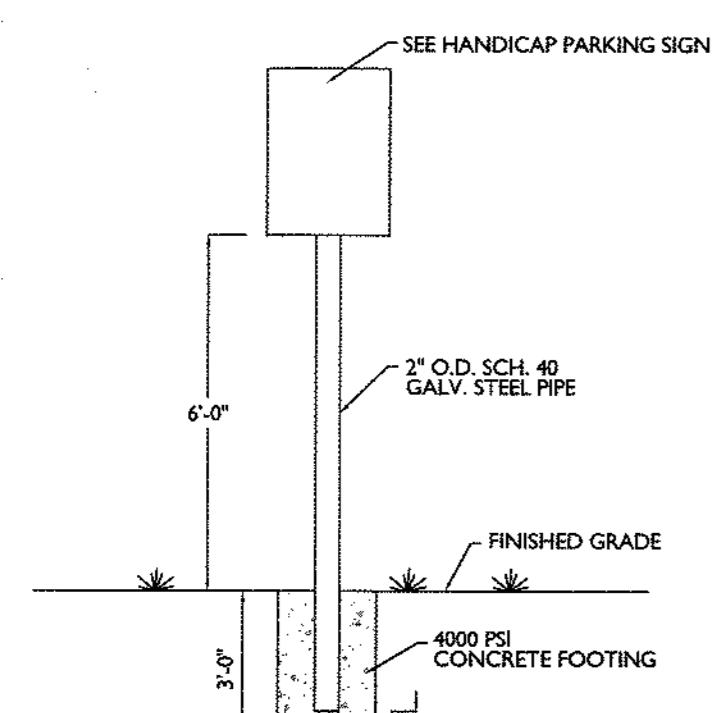
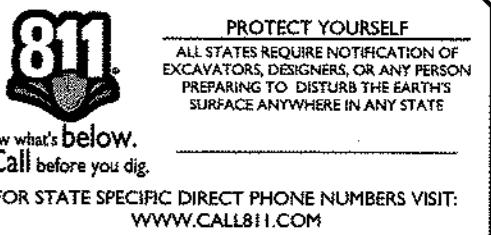
State of N.Y. Certificate of Authorization: 0008671 / 0008621

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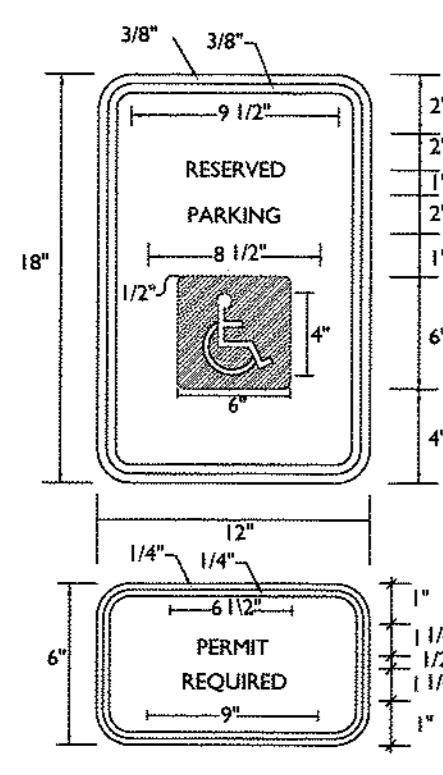
ALL TIME, DURATION, NOTIFICATION OF EXCAVATION, DETERMINATION OF PERSON PREPARING TO DISTURB THE EARTH'S SURFACE ANYWHERE IN ANY STATE

Know what's below.
Call before you dig.

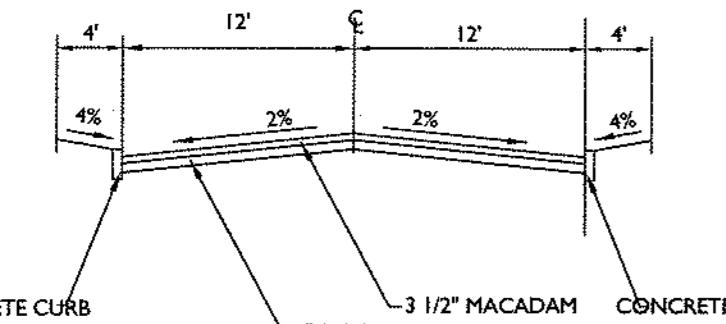
FOR STATE SPECIFIC DIRECT PHONE NUMBERS VISIT:
WWW.CALL811.COM



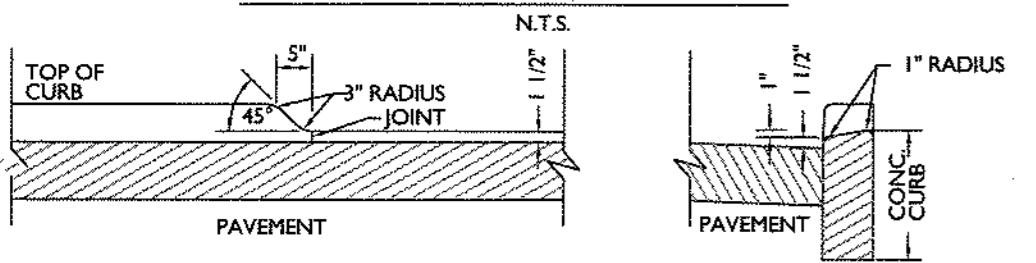
ALL SIGNS TO MEET CURRENT TOWN OF MARLBOROUGH SPECIFICATIONS FOR COLOR, DESIGN AND EXACT WORDING
SIGN POST FOR HANDICAPPED PARKING
N.T.S.



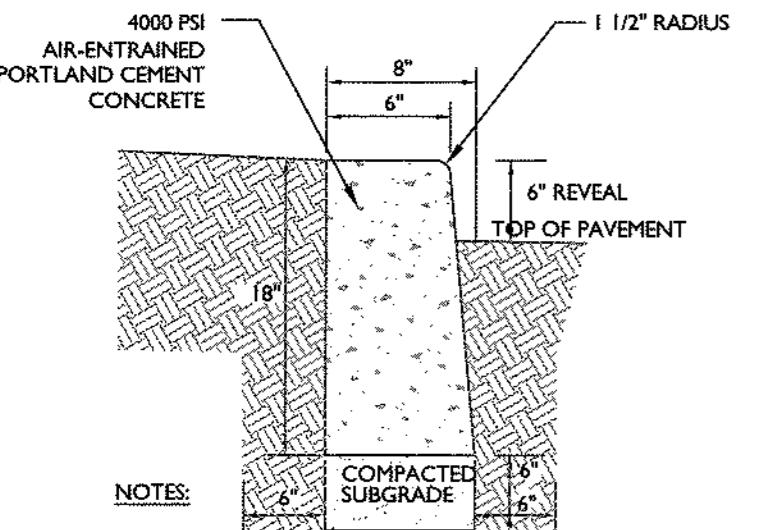
LETTERING AND BORDER - GREEN
WHITE SYMBOL ON BLUE BACKGROUND - WHITE
SIGN FOR HANDICAPPED PARKING SPACE
N.T.S.



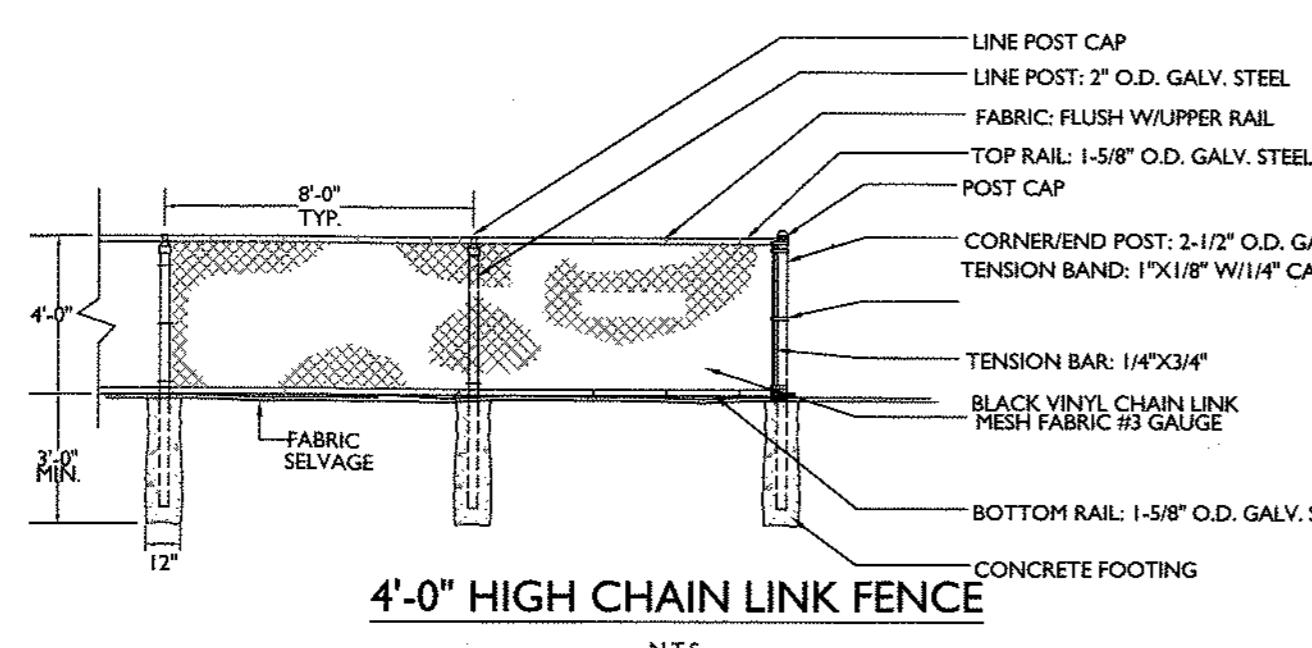
NOTES:
1. ALL WELL COMPACTED WITH A 10 TON SMOOTH DRUM ROLLER.
2. THE SELECTION OF THE BITUMINOUS MATERIAL AND THE APPROVAL OF TOPBED MIX SHALL BE THE RESPONSIBILITY OF THE TOWN SUPERINTENDENT OF HIGHWAYS.
CURB & PAVEMENT DETAIL
N.T.S.



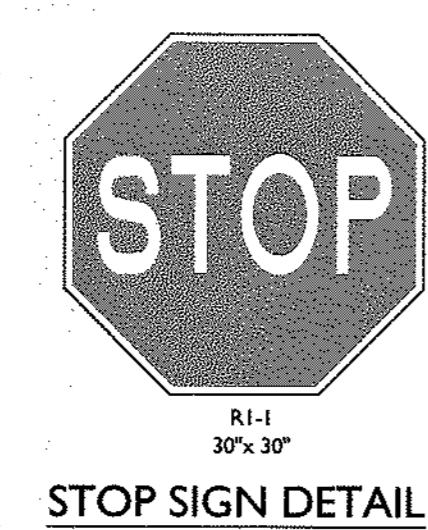
DROP CURB AT DRIVEWAYS
N.T.S.



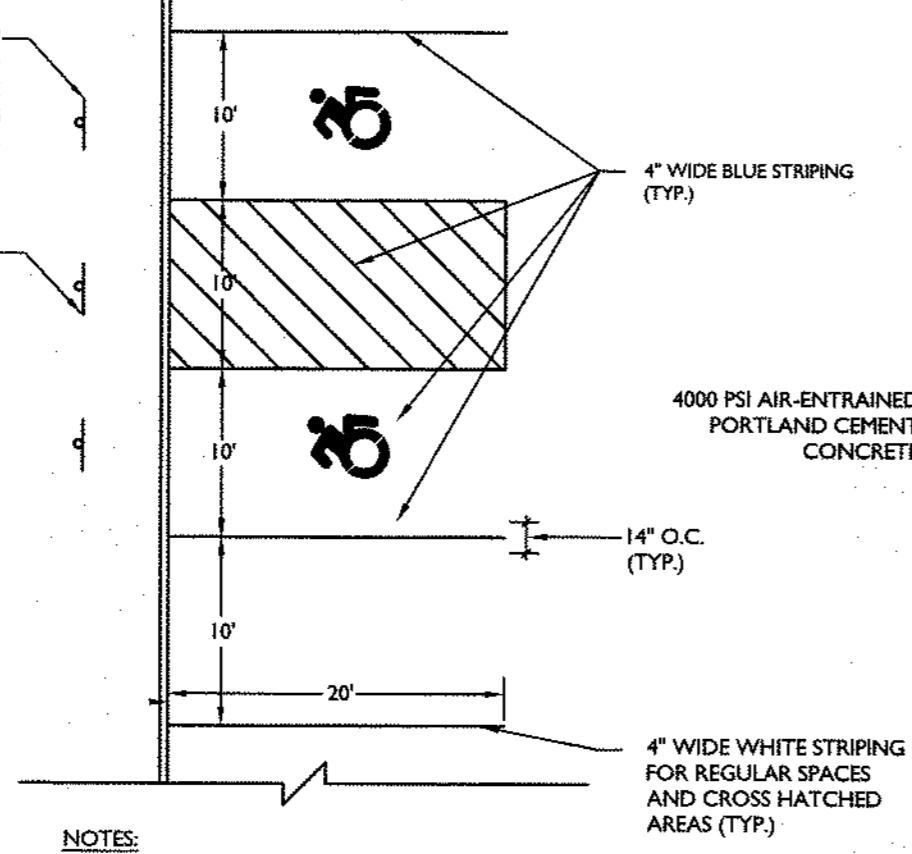
NOTES:
1. CURB SHALL BE CAST IN PLACE.
2. EXPANSION JOINTS OF 3/16" CELLULOSE OR SIMILAR MATERIAL SHALL BE PLACED AT TEN FOOT INTERVALS, TO FULL DEPTH OF CURB.
CONCRETE CURB DETAIL
N.T.S.



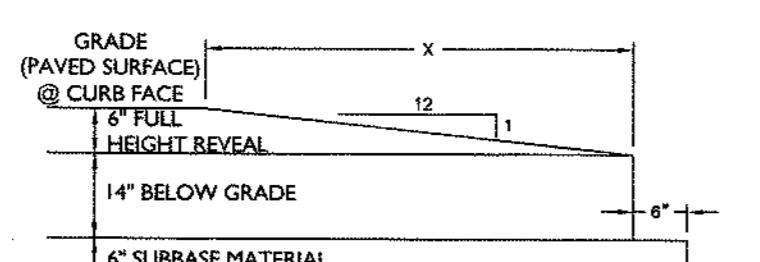
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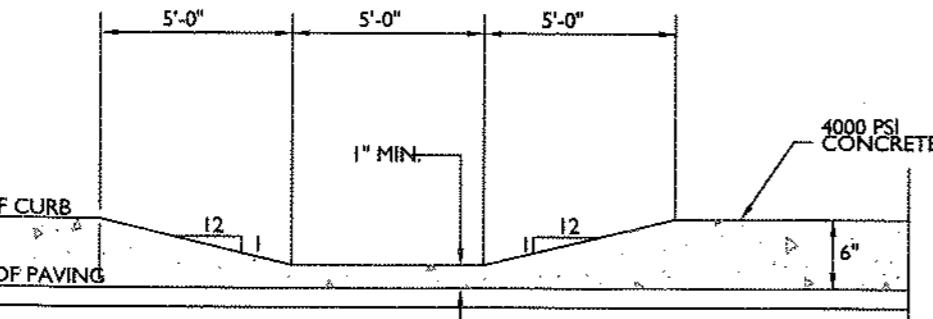
STOP SIGN DETAIL
N.T.S.



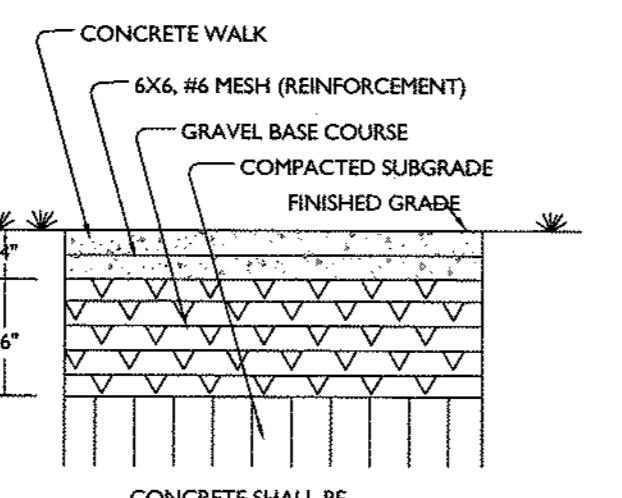
PARKING STALL STRIPING DETAIL
N.T.S.



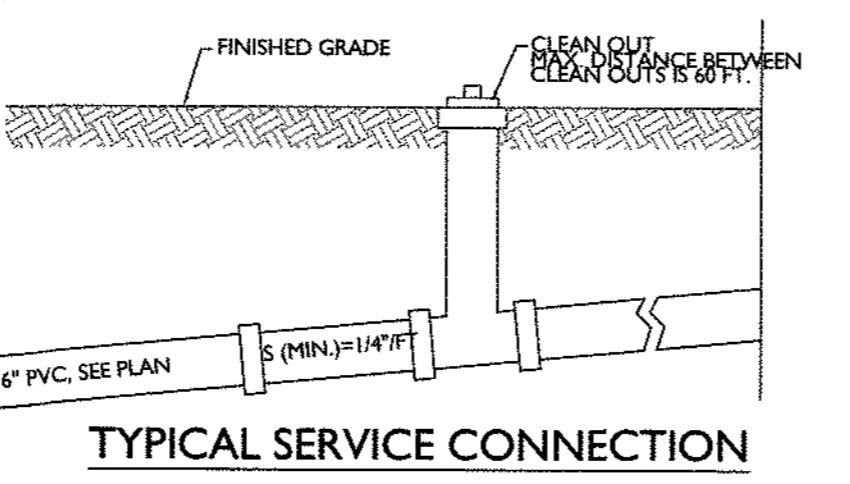
CURB TERMINAL
N.T.S.



SIDEWALK RAMP DETAIL
N.T.S.

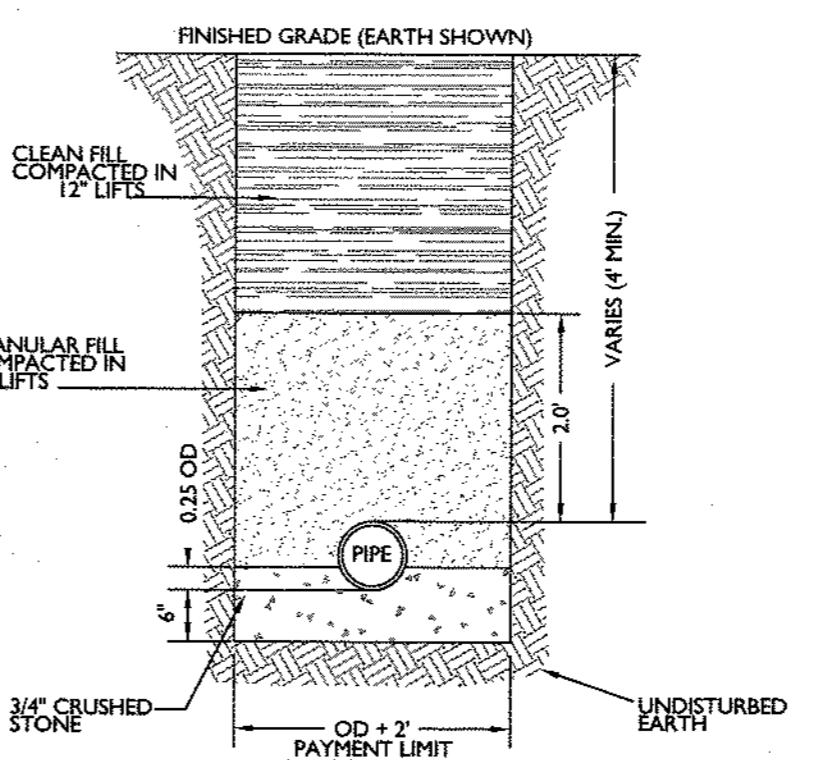


CONCRETE SIDEWALK DETAIL
N.T.S.

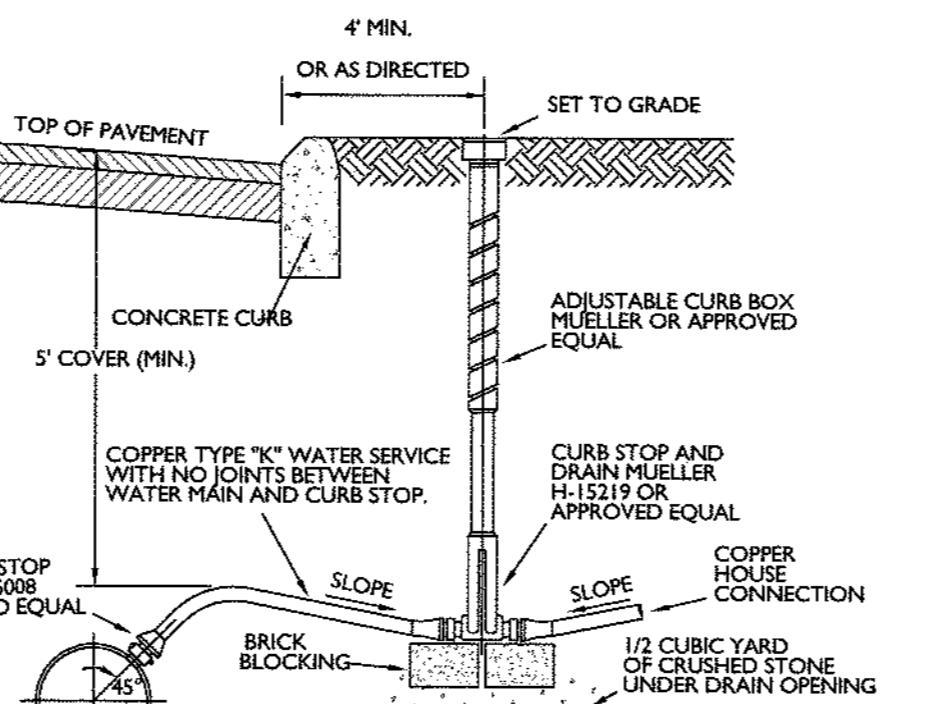


TYPICAL SERVICE CONNECTION

N.T.S.



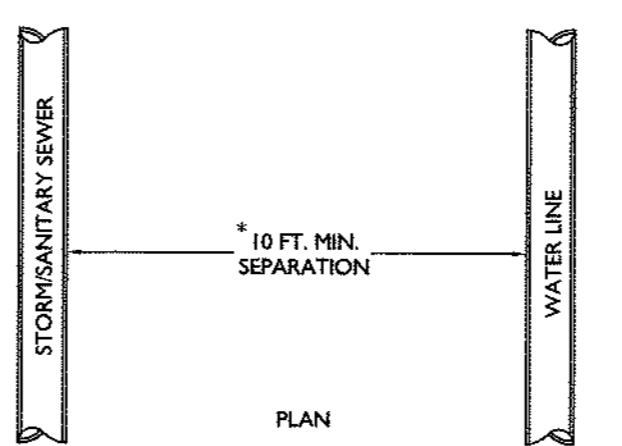
SANITARY SEWER TRENCH AND PIPE BEDDING DETAIL
N.T.S.



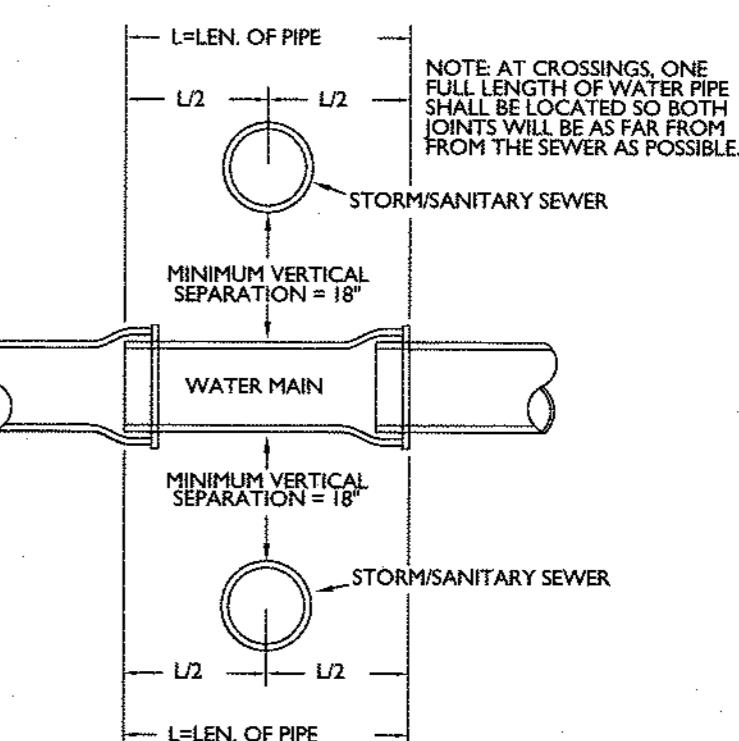
WATER SERVICE CONNECTION DETAIL
N.T.S.

NOTES:

1. THE WATER LINE TAP SIZE SHALL BE DETERMINED AT THE TIME A WATER PERMIT IS OBTAINED FROM THE TOWN OF MARLBOROUGH WATER DEPARTMENT.
2. ALL WATER TAPS (INCLUDING CURB BOXES) AND UTILITY SLEEVES MUST BE INSTALLED PRIOR TO PAVING.



HORIZONTAL STORM/SANITARY SEWER WATER MAIN SEPARATION
N.T.S.



STORM/SANITARY SEWER WATER MAIN SEPARATION
N.T.S.



ANDREW B. FETHERSTON
NEW YORK LICENSED PROFESSIONAL
ENGINEER - LICENSE NUMBER: 07355-1

SITE PLAN

FOR
MARLBOROUGH ON
HUDSON

SECTION 108.12
BLOCK 8
LOT 23

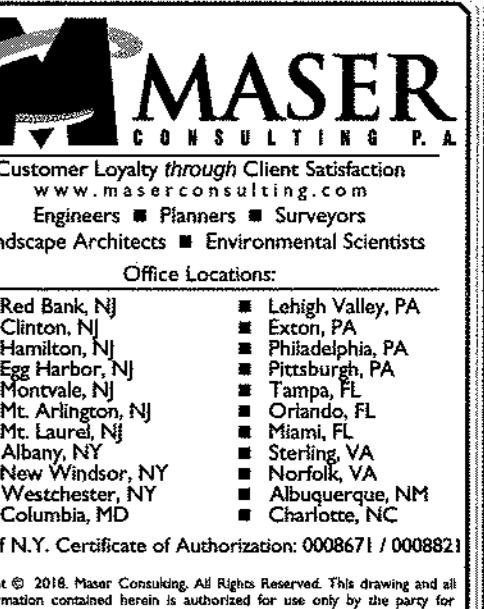
TOWN OF MARLBOROUGH
ULSTER COUNTY
NEW YORK STATE

NEW WINDSOR OFFICE
555 Hudson Valley Avenue
Suite 101
New Windsor, NY 12553
Phone: 845.564.4495
Fax: 845.567.1025

SCALE: DATE: DRAWN BY: CHECKED BY:
AS SHOWN 06/18/2018 CPM ABF
PROJECT NUMBER: 030218F DRAWING NAME: C-DTLS

SHEET TITLE: CONSTRUCTION DETAILS

SHEET NUMBER: 08 of 09



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Office Locations:

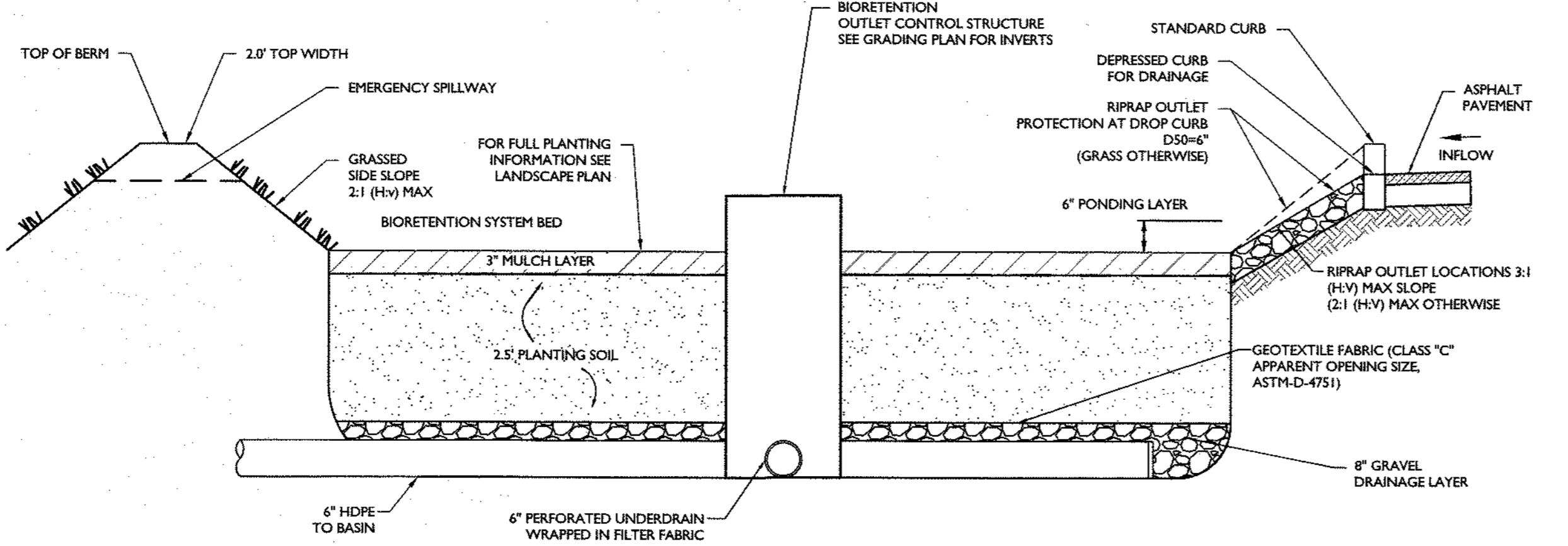
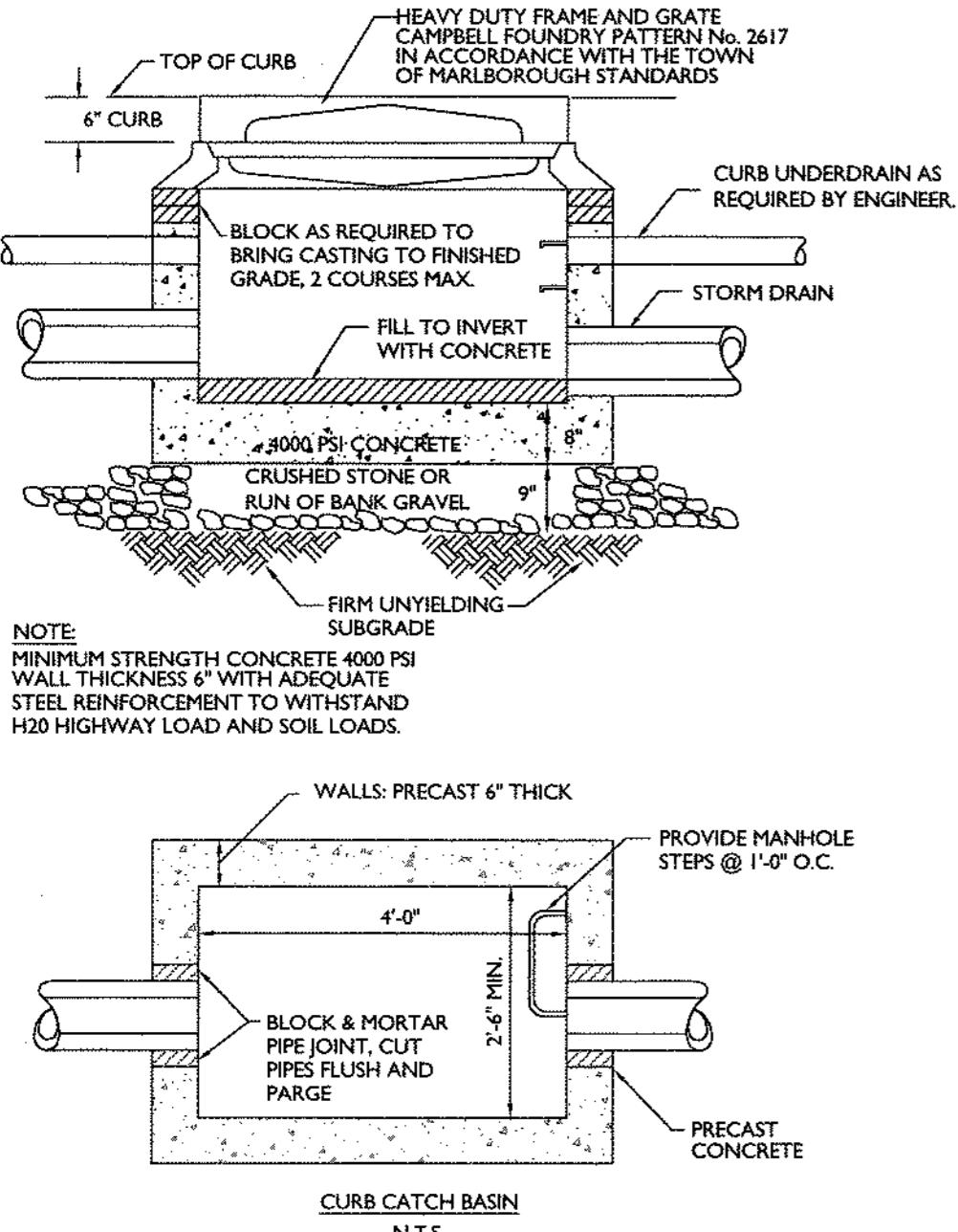
Red Bank, NJ	■ Lehigh Valley, PA
Clinton, NJ	■ Exton, PA
Hamilton, NJ	■ Philadelphia, PA
Egg Harbor, NJ	■ Pittsburgh, PA
Montvale, NJ	■ Tampa, FL
Mt. Arlington, NJ	■ Orlando, FL
Mt. Laurel, NJ	■ Miami, FL
Albany, NY	■ Sterling, VA
New Windsor, NY	■ Norfolk, VA
Westchester, NY	■ Albuquerque, NM
Columbia, MD	■ Charlotte, NC

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<u>PARAMETER</u>	<u>VALUE</u>
PH RANGE	5.2 TO 7.00
ORGANIC MATTER	1.5 TO 4.0%
MAGNESIUM	35 LBS. PER ACRE, MINIMUM
PHOSPHORUS (P_2O_5)	75 LBS. PER ACRE, MINIMUM
POTASSIUM (K_2O)	85 LBS. PER ACRE, MINIMUM
SOLUBLE SALTS	500 ppm
CLAY	10 TO 25%
SILT	30 TO 55%
SAND	35 TO 60%

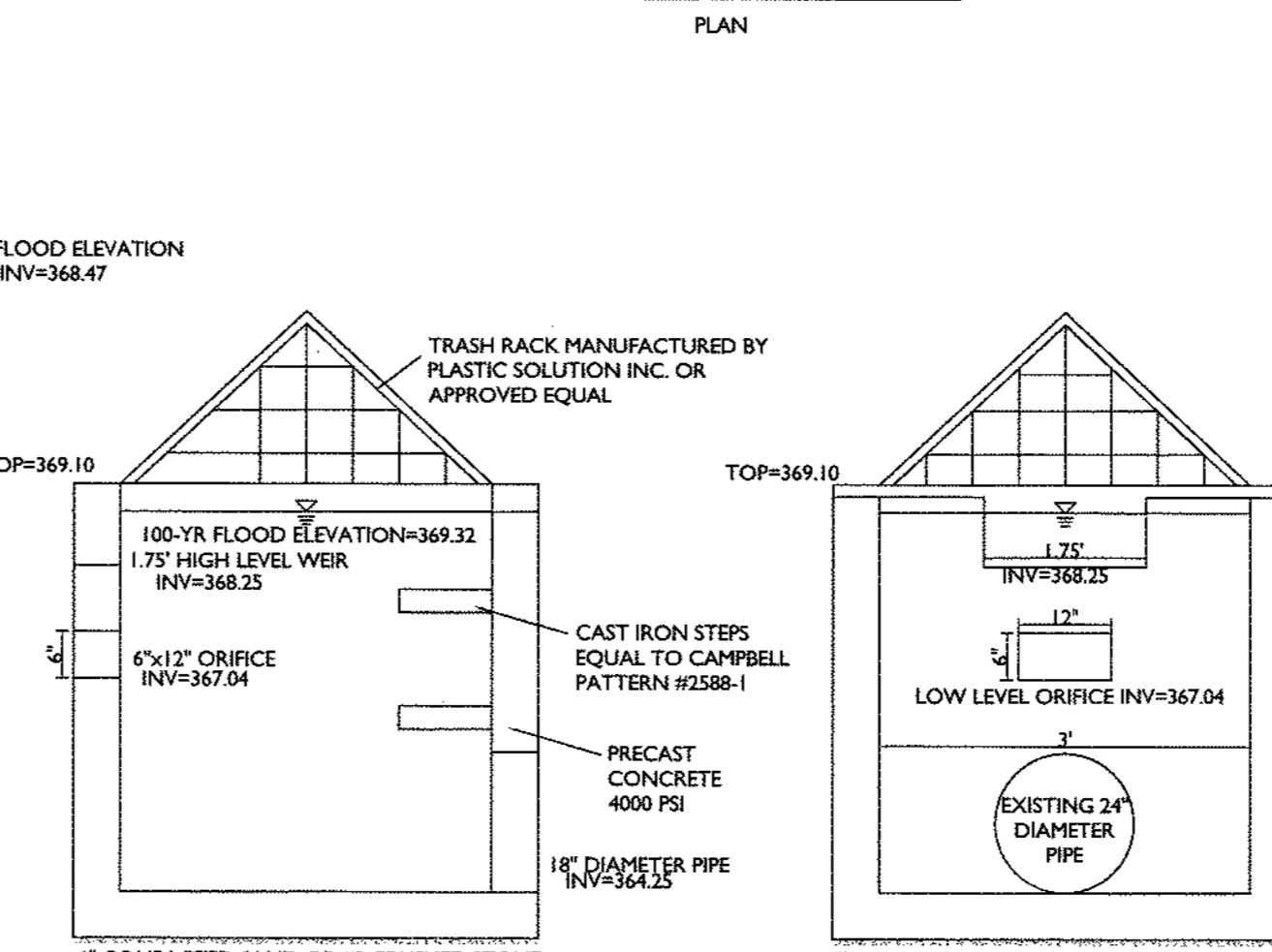
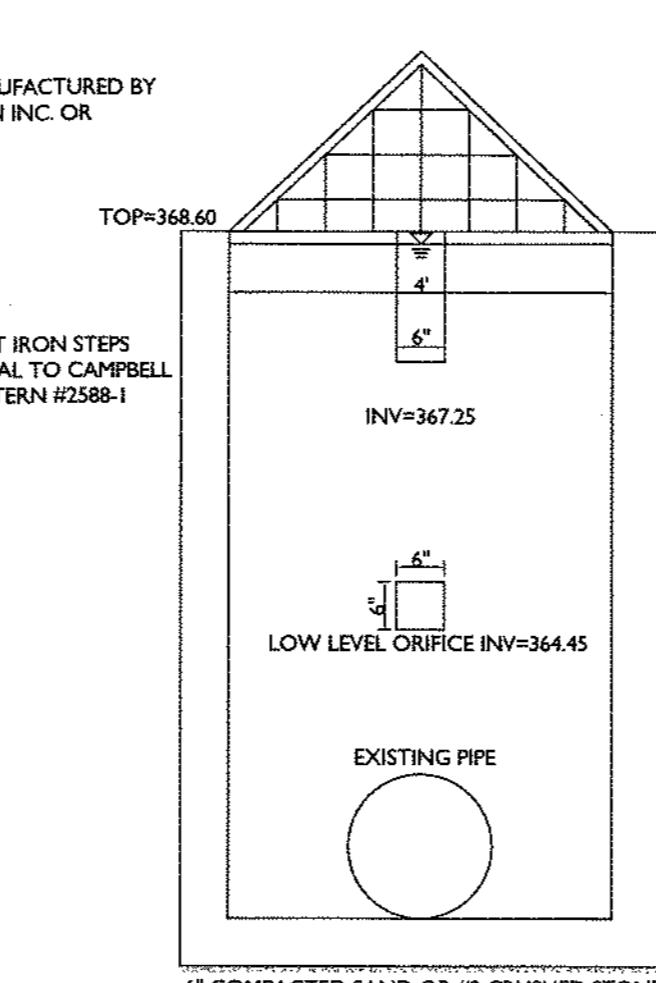
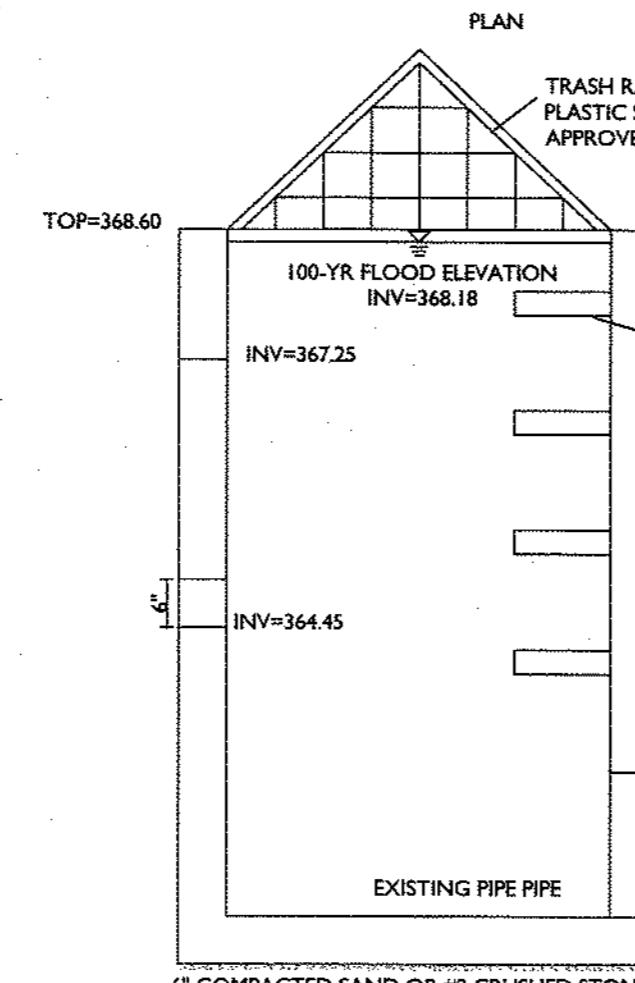
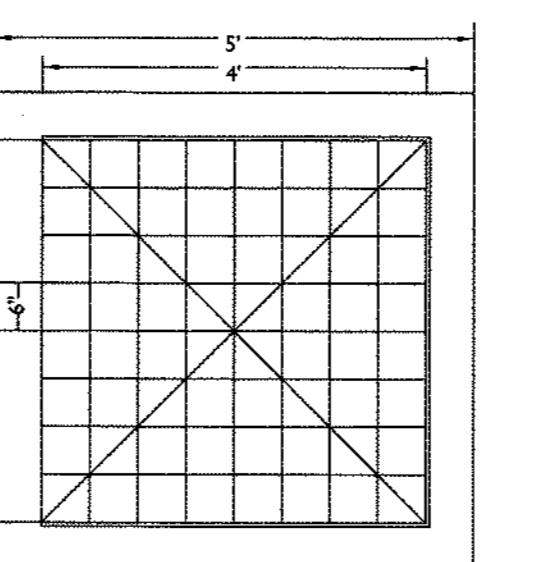
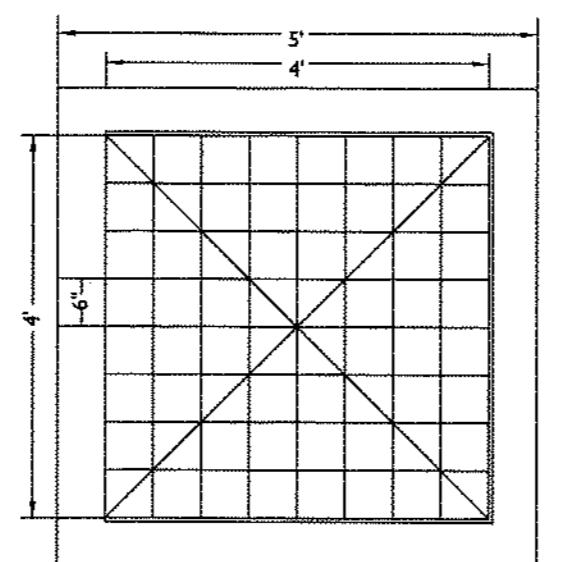
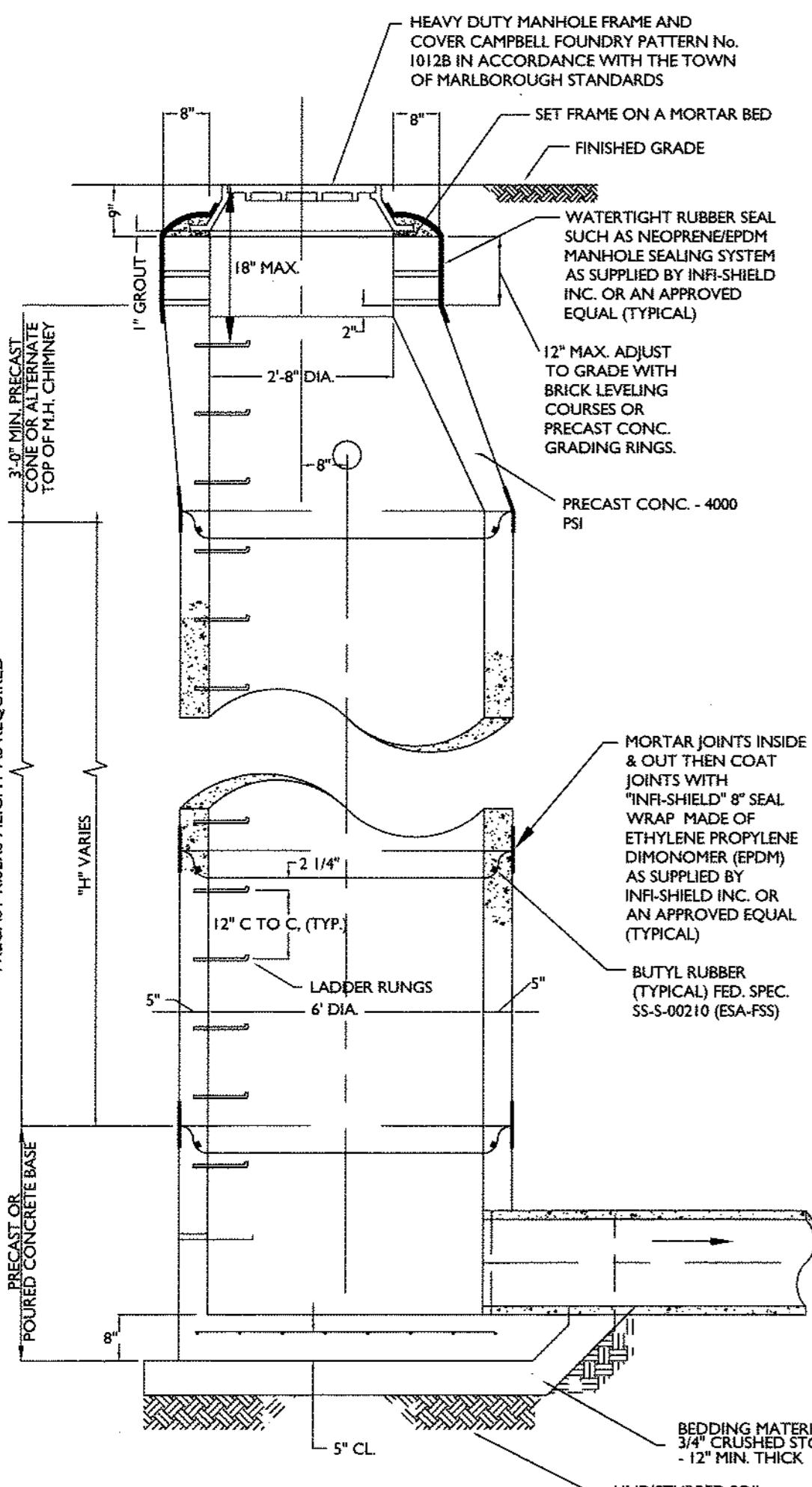


BIORETENTION SYSTEM CROSS SECTION

ES:

1. SEE PLAN FOR DROP CURB LOCATIONS AND BIORETENTION AREA CONFIGURATION.
2. PLANTING SOIL TO BE IN ACCORDANCE WITH NEW YORK STATE STANDARDS AND SPECIFICATIONS FOUND WITHIN THE PROJECT SWPPP.

BIORETENTION ELEVATIONS						
SYSTEM	OUTLET NAME	OUTLET SIZE	BED ELEVATION	100 YR PEAK ELEVATION	TOP OF BERM ELEVATION	EMERGENCY SPILLWAY EL
1-A	RIPRAP OVERFLOW SPILLWAY	20' LONG X 1.5' WIDE WEIR	367.5	368.18	370.0	378.0
4-A	EXISTING CATCH BASIN	4'X2'	375.0	375.63	376.0	375.5



SANITARY SEWER NOTES

SANITARY SEWERS ARE TO BE OF SDR 35 PVC (OR HEAVIER IF REQUIRED BY THE TOWN OF MARLBOROUGH ENGINEER DUE TO LOADING CONDITIONS).

ALL HOUSE LATERALS TO BE INSTALLED BY PLUMBERS, LICENSED IN THE TOWN OF MARLBOROUGH AND ALL WORK SHALL BE INSPECTED BEFORE BACKFILLING.

ALL PIPE SHALL BE BEDDED (CUSHIONED) ON MINIMUM OF 6" THICK LAYER OF 3/4" CRUSHED STONE. ADDITIONALLY, THE 3/4" CRUSHED STONES SHALL BE PLACED 1/4 THE HEIGHT OF THE PIPE ZONE.

SANITARY SEWER CONSTRUCTION SHALL MEET ALL SEWER CONSTRUCTION SPECIFICATIONS FOR THE TOWN OF MARLBOROUGH.

LEAKAGE TESTS SHALL BE SPECIFIED. THIS MAY INCLUDE APPROPRIATE WATER OR LOW PRESSURE AIR TESTING. THE TESTING METHODS SELECTED SHOULD TAKE INTO CONSIDERATION THE RANGE IN GROUNDWATER ELEVATIONS DURING THE TEST AND ANTICIPATED DURING THE DESIGN LIFE OF THE SEWER.

WATER (HYDROSTATIC) TEST
THE LEAKAGE EXFILTRATION OR INFILTRATION SHALL NOT EXCEED 100
GALLONS PER INCH OF PIPE DIAMETER PER MILE PER DAY (0.02 M³/MM OF
PIPE DIA./KM/DAY) FOR ANY SECTION OF THE SYSTEM. AN EXFILTRATION
OR INFILTRATION TEST SHALL BE PERFORMED WITH A MINIMUM POSITIVE
TEST PRESSURE OF 100 PSIG.

DEFLECTION TEST

DEFLECTION TESTS SHALL BE PERFORMED ON ALL FLEXIBLE PIPE. THE TEST SHALL BE CONDUCTED AFTER THE FINAL BACKFILL HAS BEEN IN PLACE AT LEAST 30 DAYS TO PERMIT STABILIZATION OF THE SOIL-PIPE SYSTEM. NO PIPE SHALL EXCEED A DEFLECTION OF 5 PERCENT. IF DEFLECTION EXCEEDS 5 PERCENT, REPLACEMENT OR CORRECTION SHALL BE ACCOMPLISHED IN ACCORDANCE WITH REQUIREMENTS IN THE APPROVED SPECIFICATIONS. THE RIGID BALL OR MANDREL USED FOR THE DEFLECTION TEST SHALL HAVE A DIAMETER NOT LESS THAN 95 PERCENT OF THE BASE INSIDE DIAMETER OR AVERAGE INSIDE DIAMETER OF THE PIPE, DEPENDING ON WHICH IS SPECIFIED IN THE ASTM SPECIFICATION, INCLUDING THE APPENDIX, TO WHICH THE PIPE IS MANUFACTURED. THE TEST SHALL BE PERFORMED WITHOUT MECHANICAL PULLING DEVICES.

LAMP ALIGNMENT TEST

INFILTRATION, EXFILTRATION AND VISUAL TESTS BY MEANS OF LIGHT
FLASHING BETWEEN MANHOLES SHALL BE AS PER REQUIREMENTS OF TOWN
ENGINEER. NO TESTS SHALL BE MADE UNTIL TWO (2) WEEKS AFTER
ACKFILLING OF SANITARY SEWERS OR LONGER IF CONDITIONS, IN THE
OPINION OF THE TOWN ENGINEER, MAKE IT NECESSARY.

OPINION OF THE TOWN ENGINEER, WARRANT IT.

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INSTRUCTION DETAILS

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