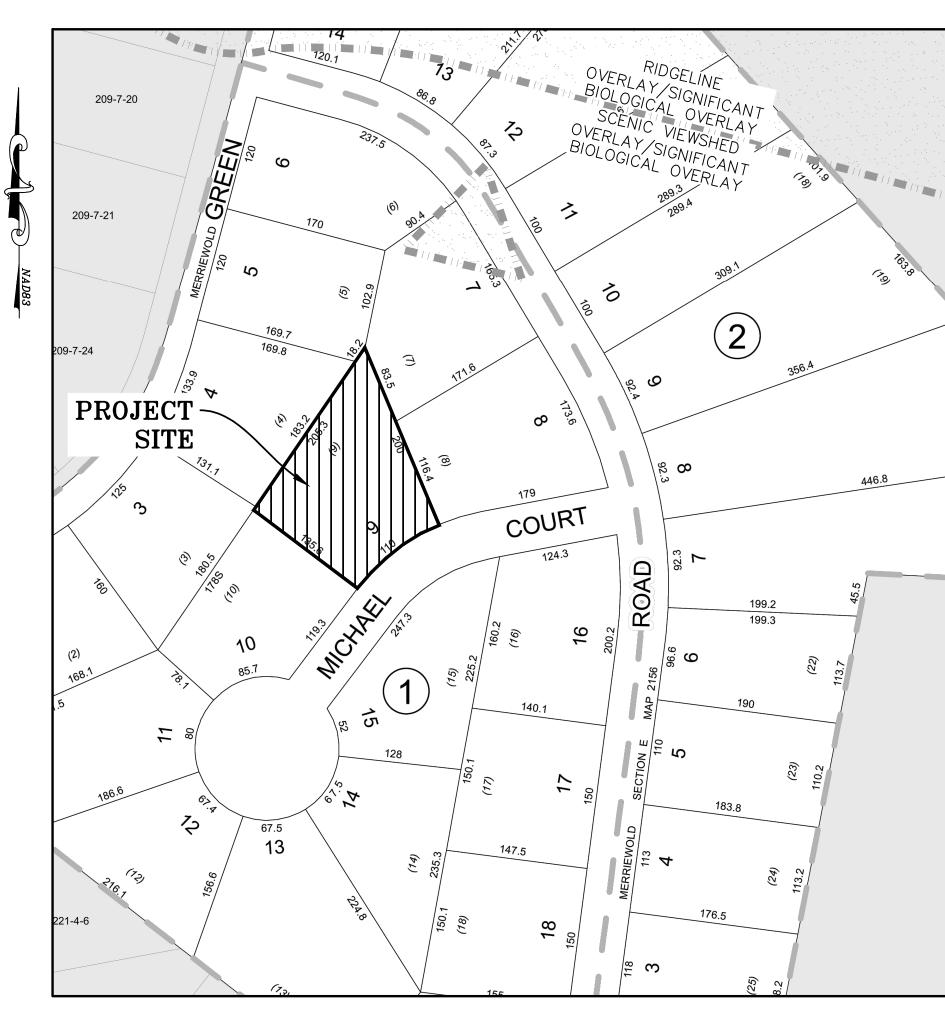
SITE PLAN & SUBDIVISION PREPARED FOR

2 MICHAEL COURT

VILLAGE OF SOUTH BLOOMING GROVE ORANGE COUNTY, NEW YORK



LOCATION MAP SCALE: 1"=100'

GENERAL NOTES:

1. RECORD OWNER: OWNER: 216-1-9 2 MICHAEL CT CHEZKY MERTZ PO BOX #274

MONROE NY 10949

- MONROE NY 10949 APPLICANT: MERTZCO MANAGEMENT CORP. PO BOX #274
- 2. PROPERTY ADDRESS: 2 MICHAEL CT. VILLAGE OF SOUTH BLOOMING GROVE ORANGE COUNTY, NEW YORK
- 3. DEED 14621 PAGE: 780
- 4. REFERENCES: 1. SURVEY ENTITLED "OUTBOUND & TOPOGRAPHIC SURVEY PLAN FOR 2 MICHAEL COURT" PREPARED BY JOHN W. MCCORD, SR. DATED 06-27-19. ZONING OVERLAYS:

 RIDGELINE OVERLAY SCENIC OVERLAY

TITLE SHEET
SCALE: 1"=20'

SBL 0-0-8



SBL 0-0-5

DRAWING LIST						
SHEET #	SHEET TITLE	ORIGINAL DATE/ LAST REVISED DATE				
01 OF 11	TITLE SHEET	05-26-23 / 10-26-23				
02 OF 11	EXISTING CONDITIONS PLAN	05-26-23 / 10-26-23				
03 OF 11	DEMOLITION PLAN	05-26-23 / 10-26-23				
04 OF 11	SITE PLAN	05-26-23 / 10-26-23				
05 OF 11	GRADING & UTILITY PLAN	05-26-23 / 10-26-23				
06 OF 11	EROSION AND SEDIMENT CONTROL PLAN	05-26-23 / 10-26-23				
07 OF 11	EROSION AND SEDIMENT CONTROL DETAILS	05-26-23 / 10-26-23				
08 OF 11	CONSTRUCTION DETAILS	05-26-23 / 10-26-23				
09 OF 11	SEWAGE DISPOSAL DETAILS	05-26-23 / 10-26-23				
10 OF 11	WATER SUPPLY DETAILS	05-26-23 / 10-26-23				
11 OF 11	ORTHOIMAGERY PLAN	05-26-23 / 10-26-23				

	REV.	BY	DATE	DESCRIPTION
4.0				
40 =	2.	ММ	10/26/23	REMOVED RW, SW, STAIRS. ADDED SINGLE FAM. DWELLING & SEWER & WATER LINE
□ T	1.	ММ	05/26/23	PER PB COMMENTS

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SITE PLAN & SUBDIVISION PREPARED FOR 2 MICHAEL COURT VILLAGE OF SOUTH BLOOMING GROVE

ORANGE COUNTY, NEW YORK

AS NOTED

MM CHECKED:

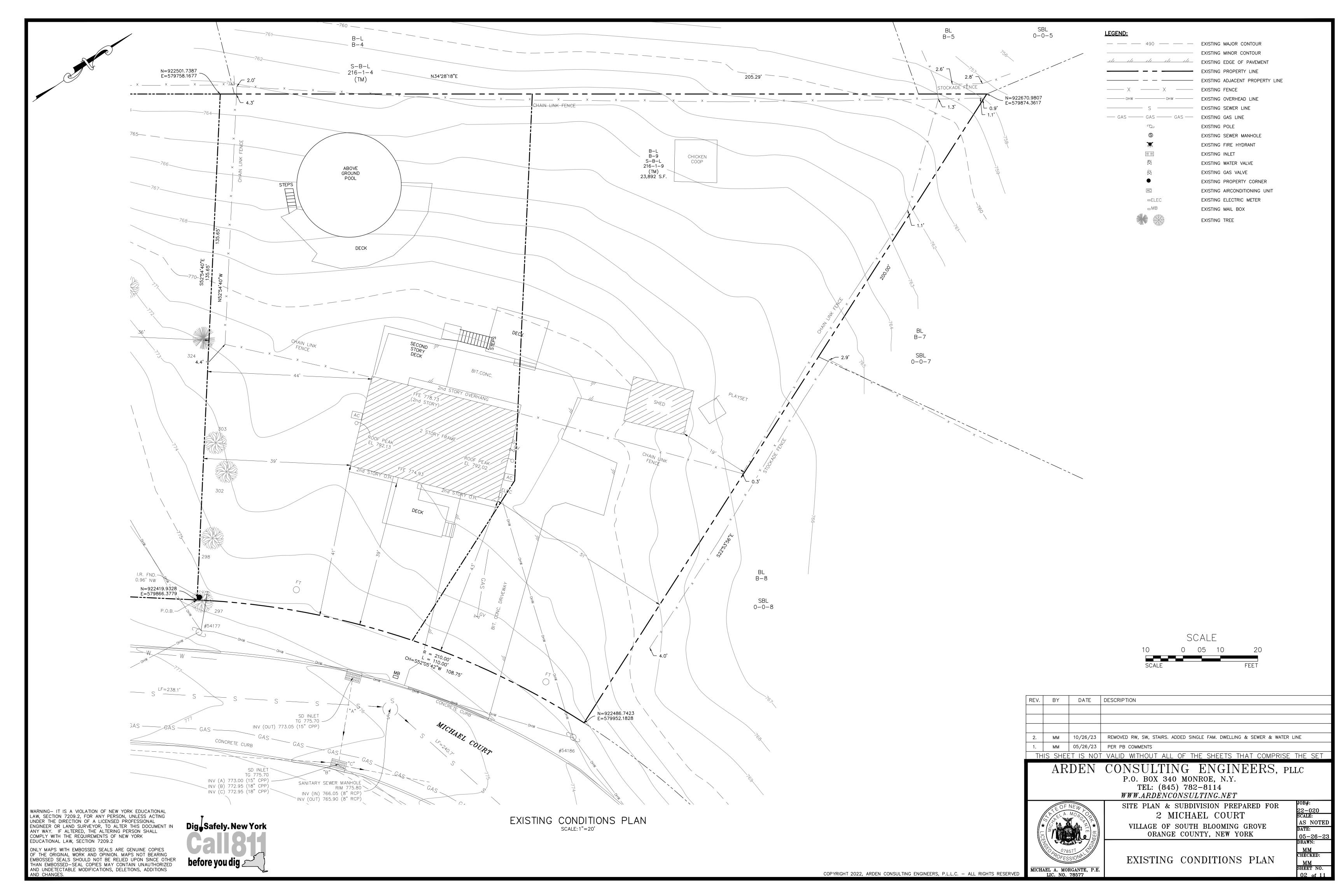
TITLE SHEET

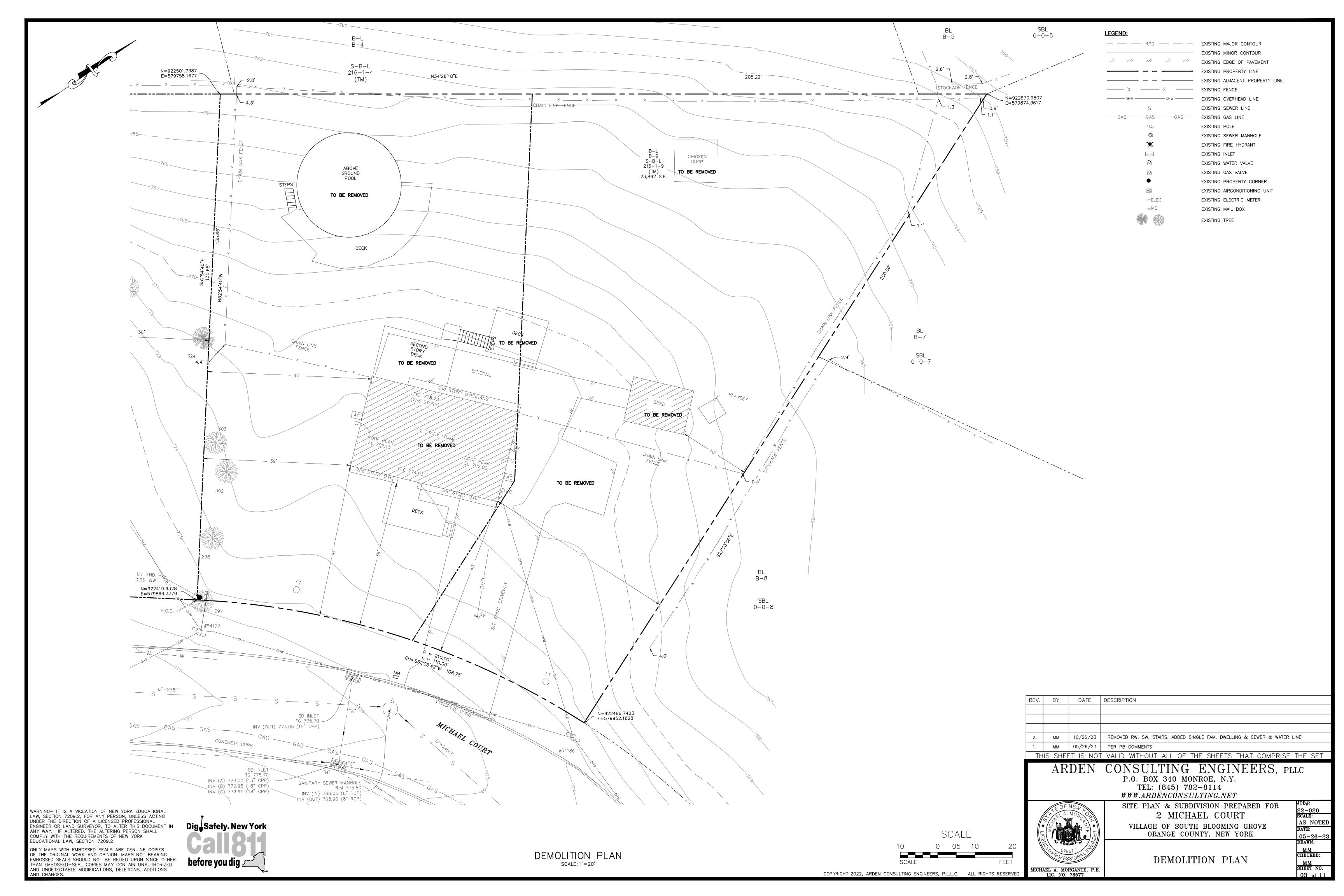
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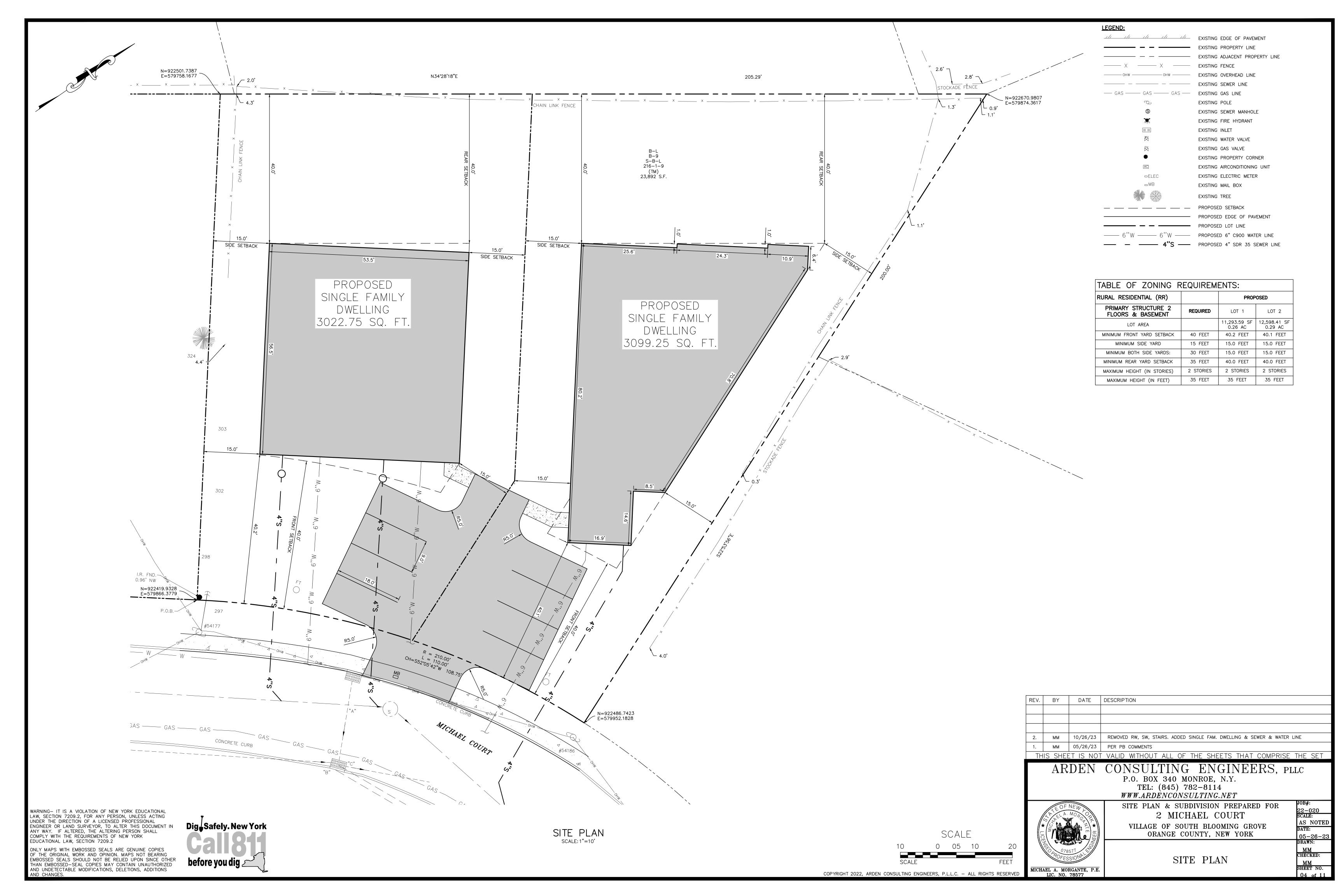
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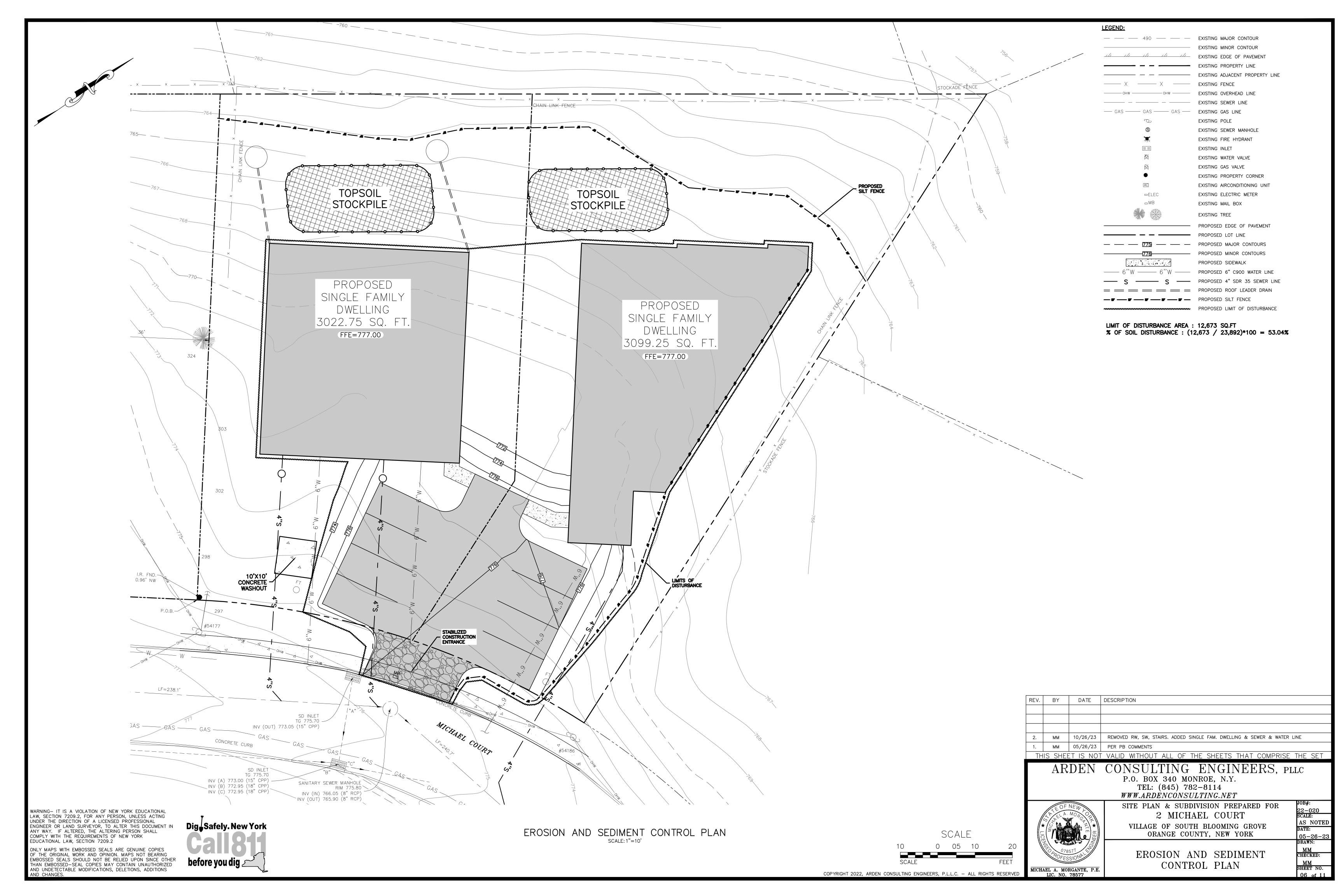
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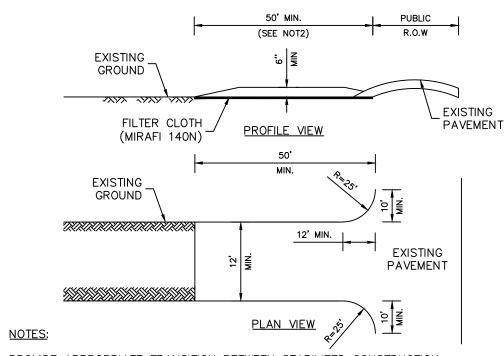












WOVEN WIRE FENCE

6" MESH SPACING)

_(MIN.14 GAUGE W/MAX.

PERSPECTIVE VIEW

WOVEN WIRE FENCE (MIN.14

SPACING) WITH FILTER CLOTH

EMBED FILTER CLOTH A MIN. /

GAUGE W/MAX. 6" MESH -

COMPACTED SOIL -/

OF 6" IN GROUND. 4"

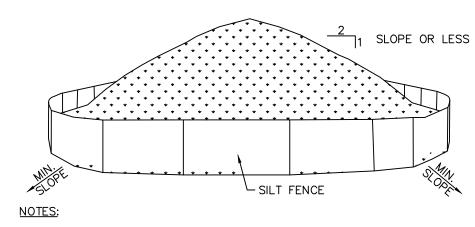
SECTION VIEW

FENCE POST

PROVIDE APPROPRIATE TRANSITION BETWEEN STABILIZED CONSTRUCTION ENTRANCE AND PUBLIC R.O.W **CONSTRUCTION SPECIFICATIONS:**

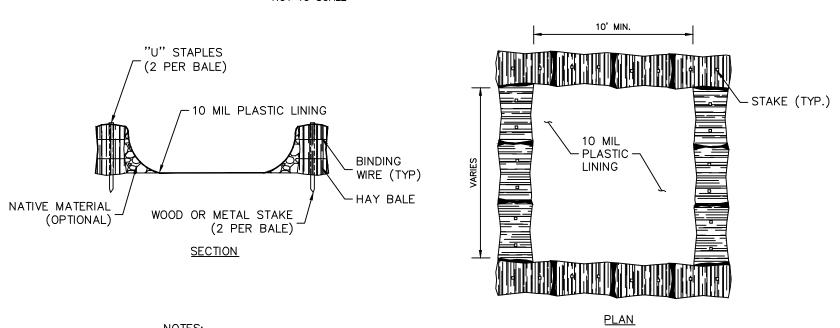
- 1. STONE SIZE USE 3" STONE (NYSDOT ITEM #623.11 SIZE DESIGNATION #2, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT
- 2.LENGTH NOT LESS THAN 50-FEET (EXCEPT ON SINGLE FAMILY LOT. 30-FEET MINIMUM LENGTH WOULD APPLY.)
- 3. THICKNESS NOT LESS THAN SIX (6) INCHES
- 4. WIDTH TWELVE (12) FOOT MINIMUM . BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS. TWENTY - FOUR (24) FOOT IF SINGLE ENTRANCE TO SIGHT.
- 5.FILTER CLOTH WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF
- 6.SURFACE WATER ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL. IF PIPING IS IMPRACTICAL. A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED
- 7.MAINTENANCE THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OF FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS — OF — WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACTED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
- 8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON A AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
- 9.PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH STABILIZED CONSTR. ENTRANCE

NOT TO SCALE



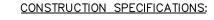
- 1. AREA CHOSEN FOR STOCKPILING OPERATIONS SHALL BE DRY AND STABLE. 2.MAXIMUM SLOPE OF STOCKPILE SHALL BE 1V: 2H.
- 3.UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE SURROUNDED WITH SILT FENCING, THEN STABILIZED WITH VEGETATION OF COVERED.
- 4.SEE SPECIFICATIONS FOR INSTALLATION OF FENCE. 5.HAY BALES TO BE USED WHERE STOCKPILES ARE LOCATED OF PAVED AREAS.

TEMPORARY STOCKPILE NOT TO SCALE



- 1. CONCRETE WASHOUT SIGN TO BE INSTALLED WITHIN 30 FEET OF THE TEMPORARY CONCRETE WASHOUT FACILITY.
- 2.REMOVE HARDEN CONCRETE WHEN WITHIN 4" FROM TOP OF STRUCTURE.
- 3.CONSTRUCT NEW FACILITIES ONCE CURRENT FACILITIES ARE TWO- THIRDS FULL. 4.LINERS, HAY BALES, ET.C SHALL BE INSPECTED FOR DAMAGE. ANY DAMAGE SHALL BE REPAIR PROMPTLY.

ABOVE GROUND TEMPORARY CONCRETE WASHOUT FACILITY NOT TO SCALE



POSTS DRIVEN MIN. 16"

INTO GROUND.

UNDISTURBED

SILT FENCE NOT TO SCALE

GROUND

- 1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL, ETHER "T" OR "U" TYPE, OR 36" MIN. LENGTH FENCE
 - 2.FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY24" AT TOP AND MID SECTION. FENCE SHALL WOVEN WIRE, 14
 - GAUGE, 6" MAXIMUM MESH OPENING 3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE
 - OVER-LAPPED BY SIX INCHES AND FOLDED 4.FILTER CLOTH SHALL BE EITHER FILTER X, MIRAFI 100X, STABILINKA T140N, OR APPROVED EQUIVALENT.
 - 5.PREFABRICATED UNITS SHALL BE GEOFAB, ENVIROFENCE, OR APPROVED EQUIVALENT THAT MEETS THE MINIMUM REQUIREMENTS SHOWN.
 - 6.MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.
 - **DETAIL NOTES:** 1. INSTALLATION SHALL BE DONE IN ACCORDANCE WITH THE NEW YORK STATE
 - STANDARDS AND SPECIFICATIONS FOR EROSION AND SEDIMENT CONTROL ("THE BLUE BOOK").
 - 2.ALL SILT FENCE SHALL BE PLACED AS CLOSE TO THE DISTURBED AREA IS POSSIBLE, BUT AT LEAST 10 FEET FROM THE TOE OF A LOPE STEEPER THAN 3H: 1V, TO ALLOW FOR MAINTENANCE AND ROLL DOWN. THE AREA BEYOND THE FENCE MUST BE UNDISTURBED OR STABILIZED.
 - 3. THE TYPE OF SILT FENCE SPECIFIED FOR EACH LOCATION ON THE PLAN SHALL NOT EXCEED THE MAXIMUM SLOPE LENGTH AND MAXIMUM FENCE LENGTH REQUIREMENTS SHOWN IN THE TABLE BELOW. IF A TYPE SILT FENCE IS NOT SPECIFIED ON THE PLANS, THE CRITERIA FOR STANDARD SILT FENCE CAN BE
 - 4.SILT FENCE SHALL BE REMOVED AS SOON AS THE DISTURBED AREA HAS ACHIEVED FINAL STABILIZATION.

MM | 10/26/23 | REMOVED RW, SW, STAIRS. ADDED SINGLE FAM. DWELLING & SEWER & WATER LINE

05/26/23 | PER PB COMMENTS THIS SHEET IS NOT VALID WITHOUT ALL OF THE SHEETS THAT COMPRISE THE SET

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EROSION AND SEDIMENT CONTROL DETAILS

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REV.

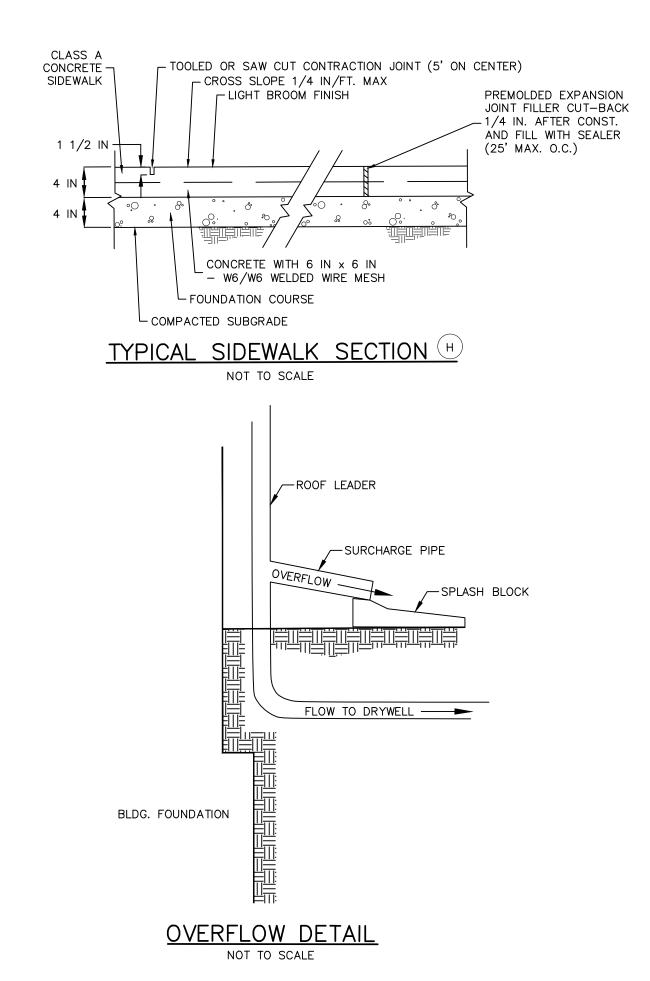
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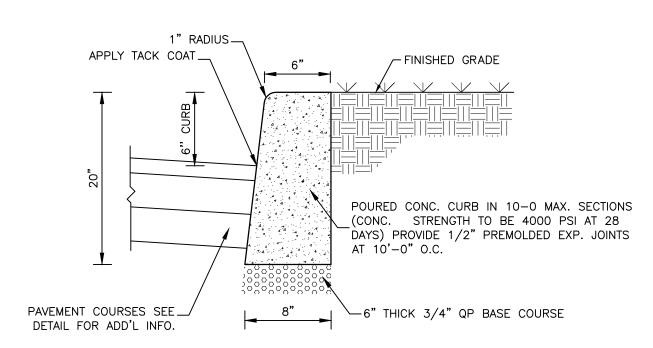
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DATE DESCRIPTION

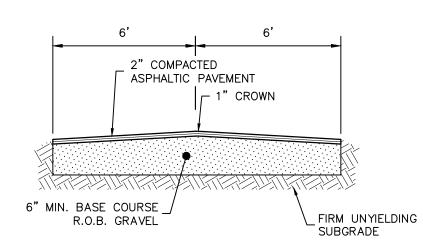
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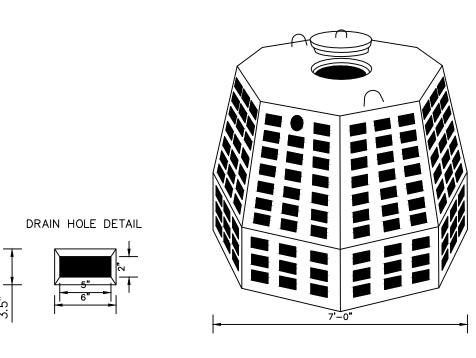
CONCRETE CURB DETAIL

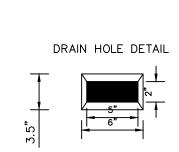


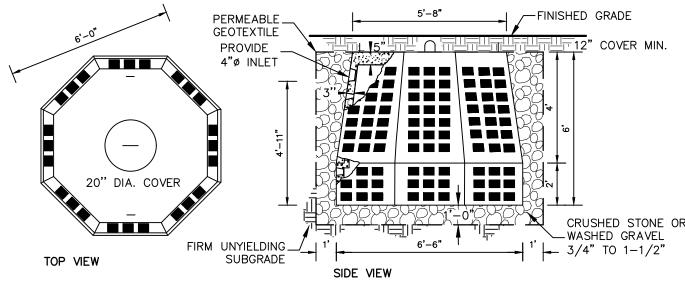
DRIVEWAY DETAIL

NOTES:

1. DRIVEWAYS SHALL BE CONSTRUCTED WITH A GRADE NO MORE THAN 1-INCH PER FOOT FROM THE CURB TO THE RIGHT OF WAY LINE. 2. ALL DRIVEWAYS SHALL HAVE A MIN. 6" ROB GRAVEL FOUNDATION COURSE FROM THE CURB TO THE R.O.W. LINE AND NO LESS THAN 2-INCHES OF BITUMINOUS PENETRATION MACADAM WEARING COURSE FROM THE CURB OR STREET PAVEMENT LINE WHICH SHALL BE APPLIED DURING OR AFTER THE LAYING OF THE STREET PAVEMENT. 3. THE HIGHWAY SUPERINTENDENT SHALL INSPECT THE DRIVEWAY APRON GRADING PRIOR TO ANY PAVING.



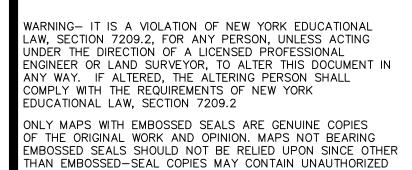




SPECIFICATIONS WOODARD'S CONCRETE PRODUCT'S INC. MODEL DW-6 (B+C) PRECAST DRY WELLS OR EQUAL CONCRETE MINIMUM STRENGTH - 4,000 PSI AT 28 DAYS REINFORCEMENT - #3 REBAR/ASTM A615 AIR ENTRAINMENT - 5% CAPACITY - 930 GALLONS SIDEWALL AREA=92 SF

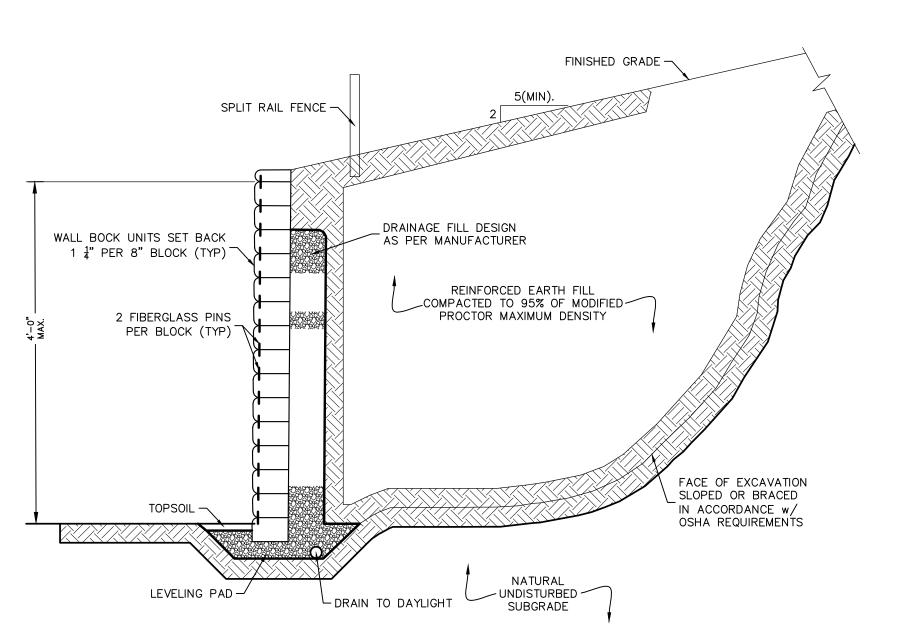
300 PSF (H20 LOADING FOR UNITS IN DRIVEWAYS & PARKING LOTS) WEIGHT=4,900 LBS.

930 GALLON PRECAST DRYWELL NOT TO SCALE



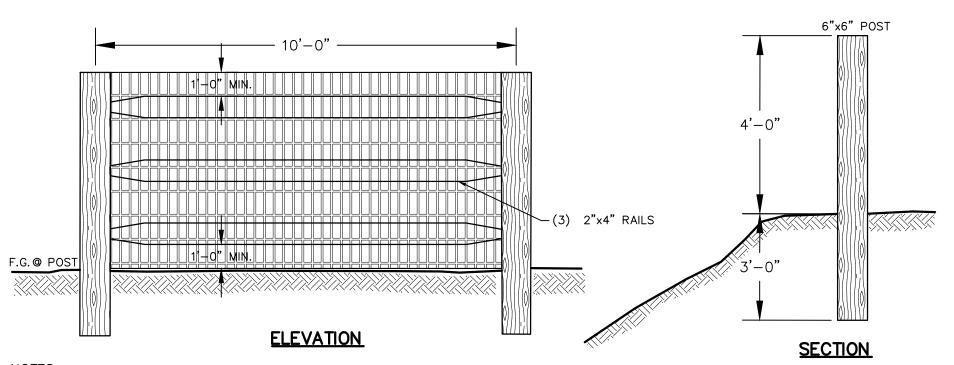
AND UNDETECTABLE MODIFICATIONS, DELETIONS, ADDITIONS





- 1. PROPOSED KEYSTONE KS HALF CENTURY RETAINING WALL SHALL BE DESIGNED AS PER THE MANUFACTURER. 2. FENCING SHALL BE INSTALLED AS SHOWN ON THE PLANS, IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- 3. COLORS TO MATCH FOUNDATION STONE. 4. FOR WALLS OVER 4'-0" HEIGHT SEE SPECIFIC ENGINEERED WALL DETAILS PREPARED BY OTHERS.

TYPICAL MSE RETAINING WALL



1. THREE POST SPLIT RAIL RUSTIC FENCE TO BE CEDAR. 2. 2"x4" x 14 GAUGE PVC BLACK VINYL COATED WELDED WIRE FENCE TO BE ATTACHED TO INTERIOR OF SPLIT RAIL FENCING. 3. ALL FENCING TO BE INSTALLED WITH WELDED WIRE FENCE AROUND STORMWATER MANAGEMENT FACILITIES, ALONG RETAINING WALLS AND AROUND AREAS AS INDICATED ON PLAN.

SPLIT POST FENCE DETAIL NOT TO SCALE

REV.	BY	DATE	DESCRIPTION	
2.	ММ	10/26/23	REMOVED RW, SW, STAIRS. ADDED SINGLE FAM. DWELLING & SEWER & WATER LINE	
1.	ММ	05/26/23	PER PB COMMENTS	
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VILLAGE OF SOUTH BLOOMING GROVE ORANGE COUNTY, NEW YORK

CONSTRUCTION DETAILS

AS NOTED

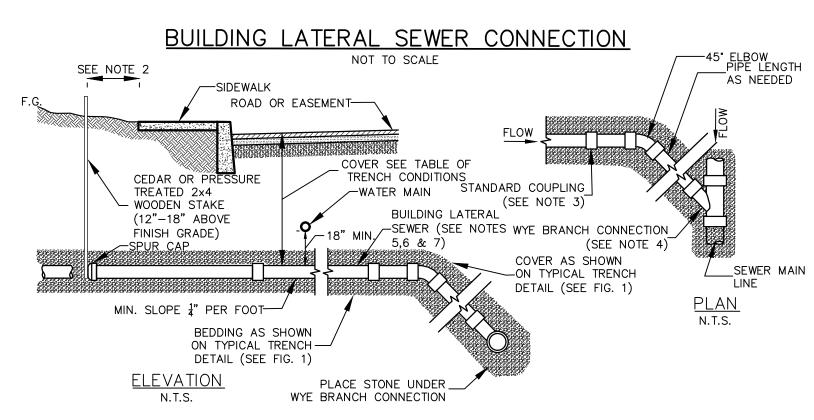
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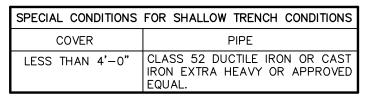
SEWER NOTES:

- 1. UNDERGROUND UTILITIES SHOWN HEREON ARE APPROXIMATE, THEIR ACCURACY OR COMPLETENESS ARE NOT GUARANTEED BY THE ENGINEER. MARK OUTS FROM UTILITY COMPANIES AND FIELD CONFIRMATION BY CONTRACTOR I\MUST BE MADE PRIOR TO CONSTRUCTION SO THAT DISTURBANCE OR DISRUPTION TO THESE UTILITIES MAY BE AVOIDED. ALL EXISTING UTILITIES ARE TO BE COORDINATED WITH THE APPROPRIATE UTILITY FOR CONNECTION / DISCONNECTION WHERE NECESSARY.
- 2. THE CONTRACTOR SHALL DETERMINE THE LOCATION AND DEPTH OF THE EXISTING UTILITY TO WHICH THE CONNECTION IS BEING MADE BEFORE LAYING PIPE, CONDUIT, ETC. DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER. IN CASES WHERE THE CONSTRUCTION OF ITEMS MEET EXISTING STRUCTURES, SUCH AS CURB, PAVEMENT, SIDEWALK, UTILITIES, ETC. THE CONTRACTOR OR SURVEYOR STAKING SUCH ITEMS SHALL VERIFY THE ELEVATION LOCATION OF THE EXISTING FEATURE PRIOR TO CONSTRUCTION. DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE
- 3. THE CONTRACTOR SHALL EXERCISE EXTREME CARE IN CONDUCTING EXCAVATIONS TO ESTABLISH LOCATIONS AND DEPTHS OF EXISTING UNDERGROUND UTILITIES, FACILITIES AND STRUCTURES. THE CONTRACTOR SHALL HAND EXCAVATE WHERE APPROPRIATE.
- 4. SANITARY SEWER SHALL BE SEPARATED FROM THE WATER MAINS BY A DISTANCE OF AT LEAST 10 FEET HORIZONTALLY OR 18 INCHES VERTICALLY IF HORIZONTAL SEPARATION IS NOT POSSIBLE.
- 5. ALL SANITARY SEWER PIPE LENGTHS SHOWN ARE FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE. 6. ALL EQUIPMENT, MATERIALS, ETC. SHALL BE CONFINED TO THE PUBLIC RIGHTS OF WAY OR VILLAGE OF SOUTH
- BLOOMING GROVE EASEMENTS. NO ENCROACHMENT ONTO ADJACENT PROPERTIES IS PERMITTED. 7. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR CONSTRUCTION SITE SAFETY. ALL SAFETY PRECAUTIONS MUST BE
- UNDERTAKEN AND MAINTAINED AS REQUIRED BY LOCAL, STATE AND FEDERAL CODES. 8. THE SITE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING COMPLIANCE WITH THE NYSDEC AND VILLAGE OF
- SOUTH BLOOMING GROVE REGULATIONS REGARDING STORM WATER POLLUTION PREVENTION. 9. THE SITE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTENANCE AND PROTECTION OF TRAFFIC (MPT WHEN WORKING ON OR NEAR PUBLIC ROADS. MPT MEASURES MUST BE COORDINATED WITH THE APPROPRIATE HIGHWAY OFFICIALS
- (TOWN, VILLAGE, AND NYSDOT) HAVING JURISDICTION OVER EACH PARTICULAR ROADWAY 10. IN THE EVENT THAT THE CONTRACTOR OR ITS SUBCONTRACTORS DAMAGE ANY EXISTING UTILITY, FACILITY OR STRUCTURE, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER OF THE DAMAGED PROPERTY AND VILLAGE OF
- 11. ALL STRUCTURES AND SURFACES DISTURBED DURING CONSTRUCTION SHALL BE RESTORED TO ITS PRE-CONSTRUCTION OR BETTER CONDITION.
- 12. THE CONTRACTOR SHALL REVIEW THE SITE CONDITIONS WITH RESPECT TO DRAINAGE AND GENERAL SOIL CONDITIONS IN THE AREA AND PLAN ITS WORK IN SUCH A MANNER TO WORK EFFICIENTLY AND SAFELY. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR THE CONTROL OF SURFACE AND GROUNDWATER IN THE CONSTRUCTION AREA.
- 13. THE CONTRACTOR SHALL MAKE ALL NECESSARY ARRANGEMENTS FOR STAGING AREAS FOR MATERIALS AND
- 14. THE CONTRACTOR SHALL ARRANGE FOR A SUITABLE AREA FOR THE STORAGE AND DISPOSAL OF EXCESS EXCAVATED SOIL MATERIALS. THE CONTRACTOR IS RESPONSIBLE FOR ANY PERMITS AND FEES ASSOCIATED WITH THE PROPER DISPOSAL OF SOIL AND OTHER MATERIALS FROM THE PROJECT.
- 16. THE MORE STRICT OF ANY REQUIREMENT, CODE, RULE, REGULATION AND LAW ESTABLISHED BY THE VILLAGE OF SOUTH BLOOMING GROVE OR OTHER GOVERNMENTAL AGENCY, INCLUDING BUT NOT LIMITED TO THE NEW YORK STATE DEPARTMENT OF HEALTH, NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION, UNITED STATES ARMY CORP OF ENGINEERS, UNITED STATES ENVIRONMENTAL PROTECTION AGENCY, UNITED STATES OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION AND NEW YORK STATE DEPARTMENT OF LABOR FOR SANITARY SEWER SIZE, SLOPE, ALIGNMENT, MATERIALS OF CONSTRUCTION AND APPURTENANCES AND METHODS FOR EXCAVATING, PIPE PLACEMENT, JOINTING, TESTING AND TRENCH BACKFILLING SHALL BE COMPLIED WITH DURING ALL PHASES OF CONSTRUCTION.
- 17. ALL SANITARY SEWER CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS THAT ARE APPROVED BY THE VILLAGE OF SOUTH BLOOMING GROVE. ANY DEVIATION FROM THE APPROVED PLANS AND/OR SPECIFICATIONS SHALL REQUIRE REVIEW AND APPROVAL BY THE VILLAGE OF SOUTH BLOOMING GROVE. THE CONTRACTOR SHALL BE RESPONSIBLE TO NOTIFY THE PROJECT ENGINEER AND THE VILLAGE OF SOUTH BLOOMING GROVE OF ANY PLANNED DEVIATION(S) FROM THE APPROVED PLANS AND/OR SPECIFICATIONS.
- 18. FITTINGS SHALL BE STANDARD LENGTH.
- 19. PIPE JOINTS SHALL BE STANDARD LENGTH. 20. CONNECTION TO EXISTING SANITARY MANHOLE SHALL BE CORE BORED FOR A KOR-N-SEAL.

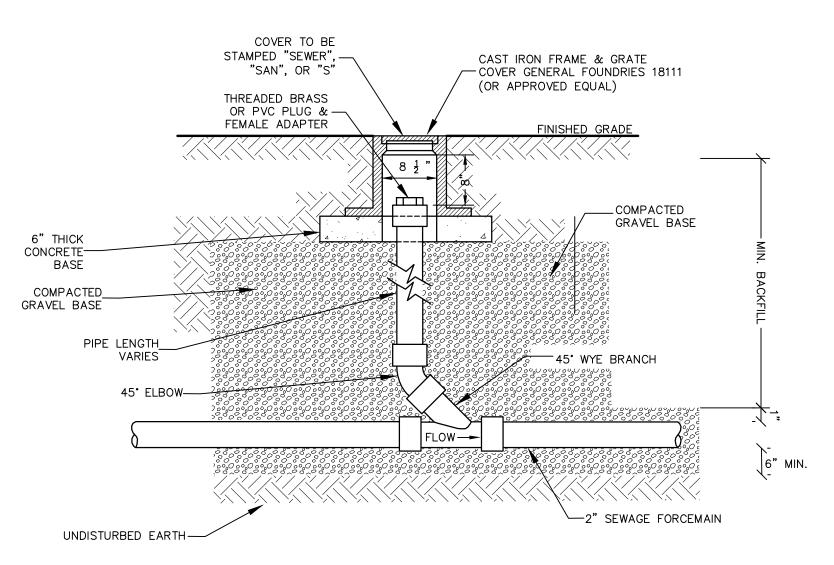


SANITARY SEWER SPECIFICATIONS (FOR BUILDING LATERAL

- SEWERS AND SEWER MAIN LINE): I) REQUIRED MAIN LINE SEWER (OR APPROVED EQUAL):
- A) ABS-TRUSS PIPE: I) PIPE: STAMPED ASTM D2680
- II) FITTINGS: STAMPED ASTM D2680 III) JOINTS: SOLVENT WELD, ASTM D2235
- B) PVC-TRUSS PIPE:
- I) PIPE: STAMPED ASTM D2680 II) FITTINGS: STAMPED ASTM D2680
- III) JOINTS: SOLVENT WELD, ASTM D2564 OR ELASTOMERIC (GASKET) C) PVC - SDR 26 HEAVY WALL PIPE
- I) PIPE (8" 15" DIAMETER): STAMPEDASTM D3034. PIPE (18" AND GREATER DIAMETER): STAMPED ASTM F679. II) FITTINGS: STAMPED ASTM D3034 OR F679.
- III) JOINTS: SOLVENT WELD ASTM D2564 OR ELASTOMERIC GASKET. D) PVC - SDR 35 SOLID WALL PIPE:
- I) PIPE (8"-15" DIAMETER): STAMPED ASTM D3034. PIPE (18" AND GREATER DIAMETER): STAMPED ASTM F679. II) FITTINGS: STAMPED ASTM D3034 OR ASTM F679. III) JOINTS: BELL AND SPIGOT WITH ELASTOMERIC GASKET ASTM D3034
- OR SOLVENT WELD ASTM D2564. II) REQUIRED 4" OR 6" (AS APPROVED) BUILDING LATERAL SEWER (OR APPROVED EQUAL):
- A) PVC SDR 35 SOLID WALL PIPE: I) PIPE: STAMPED ASTM D3034 AND SDR 35.
- II) FITTINGS: STAMPED SDR 35 AND ASTM D3034. III) JOINTS: BELL AND SPIGOT WITH ELASTOMERIC GASKET ASTM D3034 OR SOLVENT WELD ASTM D2564.
- B) SDR 26 HEAVY WALL PIPE:
- I) PIPE: STAMPED ASTM D3034 AND SDR 26. II) FITTINGS: STAMPED D3034 AND SDR 26. III) JOINTS: BELL AND SPIGOT WITH ELASTOMERIC GASKET ASTM D3034
- OR SOLVENT WELD ASTM D2564. C) SDR 23.5 ABS SOLID WALL PIPE:
- I) PIPE: STAMPED ASTM D2751 AND SDR 23.5 II) FITTINGS: STAMPED SDR 23.5 ASTM D2751
- III) JOINTS: SOLVENT WELD, ASTM D2235 III) OTHER REQUIRED PIPE MATERIALS FOR BUILDING LATERAL SEWERS AND SEWER MAIN LINE (OR APPROVED EQUAL):
- A) CAST IRON, EXTRA HEAVY, COATED, HUB & PLAIN END, ASTM C-74 WITH ELASTOMERIC COMPRESSION GASKET (ASTM C-564)
- B) DUCTILE IRON PIPE: CLASS 52, CEMENT LINED AND TAR COATED INSIDE

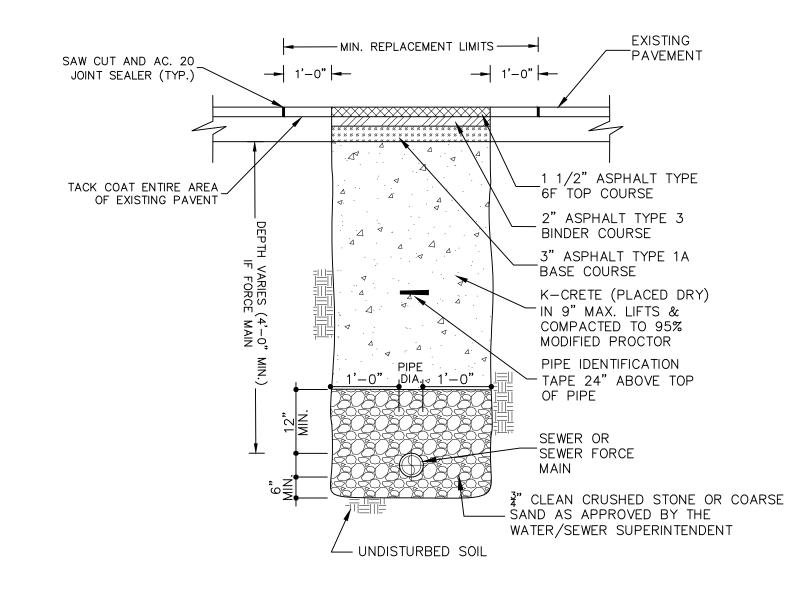


- ALL APPROVED BUILDING LATERAL SEWER PIPE MATERIAL FOR EACH CONNECTION MADE SHALL BE CONSTRUCTED FROM THE SAME
- 2. MINIMUM HORIZONTAL SEPARATION BETWEEN SPUR CAP AND SIDEWALK SHALL BE 2'-0". IN ALL CASES THE SPUR CAP LOCATION SHALL EXTEND A MINIMUM HORIZONTAL DISTANCE OF 2'-0" ONTO ALL BUILDING LOT PROPERTIES.
- 3. TRANSITION BETWEEN DIFFERENT PIPE MATERIAL (AS APPROVED) SHALL BE MADE BY INSTALLING A TYPE 1, STYLE 62 DRESSER COUPLING OR DRESSER STYLE 262 HYMAX COUPLING (OR APPROVED
- 4. WYE BRANCH CONNECTION SHALL BE A FITTING CONSTRUCTED SPECIFICALLY FOR THE INSTALLED MAIN LINE SEWER MATERIAL CLASS (OR APPROVED EQUAL). 5. THE BUILDINGS LATERAL SEWÉR SHOWN FROM THE MAIN LINE
- SOURCE WYE BRANCH CONNECTION FITTING TO THE SPUR CAP SHALL MEET THE SPECIFICATIONS SHOWN FOR ii) BUILDING LATERAL
- 6. 4" BUILDING LATERAL SEWER MAY BE APPROVED FOR CONSTRUCTION OF SINGLE (1) AND TWO (2) FAMILY DWELLINGS ONLY. ALL OTHER BUILDING LATERAL SEWERS (INCLUDING ALL COMMERCIAL USES) SHALL BE 6" IN DIAMETER.
- 7. EACH 6" BUILDING LATERAL SEWER SHALL PROVIDE SERVICE FOR NO MORE THAN TWELVE (12) EQUIVALENT LIVING UNITS, AS DETERMINED BY OCSD NO. 1, UNLESS A REQUESTED DEVIATION IS APPROVED IN WRITING BY OCSD NO.1.



1. CLEANOUT LOCATED IN A ROAD, DRIVEWAY OR PARKING AREA SHALL REQUIRE A CAMBELL FOUNDRY #4164 CAST IRON FRAME AND COVER. (OR APPROVED EQUAL).

BUILDING LATERAL SEWER CLEANOUT (C.O.) NOT TO SCALE



TYPICAL SEWER MAIN INSTALLATION/RESTORATION DETAIL IN VILLAGE STREET

1. PAVEMENT AND SUBBASE MATERIAL SHALL AT A MINIMUM, MATCH THE EXISTING TYPES AND THICKNESSES FOUND WITHIN ANY TOWN, COUNTY OR STATE HIGHWAY, WHICHEVER IS GREATER.

REV.	BY	DATE	DESCRIPTION
2.	ММ	10/26/23	REMOVED RW, SW, STAIRS. ADDED SINGLE FAM. DWELLING & SEWER & WATER LINE
1.	ММ	05/26/23	PER PB COMMENTS

THIS SHEET IS NOT VALID WITHOUT ALL OF THE SHEETS THAT COMPRISE THE SET ARDEN CONSULTING ENGINEERS, PLLC

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MICHAEL A. MORGANTE, P.E.

SITE PLAN & SUBDIVISION PREPARED FOR 2 MICHAEL COURT

AS NOTED

05-26-23

MM CHECKED:

SHEET NO.

ORANGE COUNTY, NEW YORK

VILLAGE OF SOUTH BLOOMING GROVE

SEWAGE DISPOSAL DETAILS



WARNING- IT IS A VIOLATION OF NEW YORK EDUCATIONAL

LAW, SECTION 7209.2, FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL

ENGINEER OR LAND SURVEYOR, TO ALTER THIS DOCUMENT ANY WAY. IF ALTERED, THE ALTERING PERSON SHALL

ONLY MAPS WITH EMBOSSED SEALS ARE GENUINE COPIES OF THE ORIGINAL WORK AND OPINION, MAPS NOT BEARING

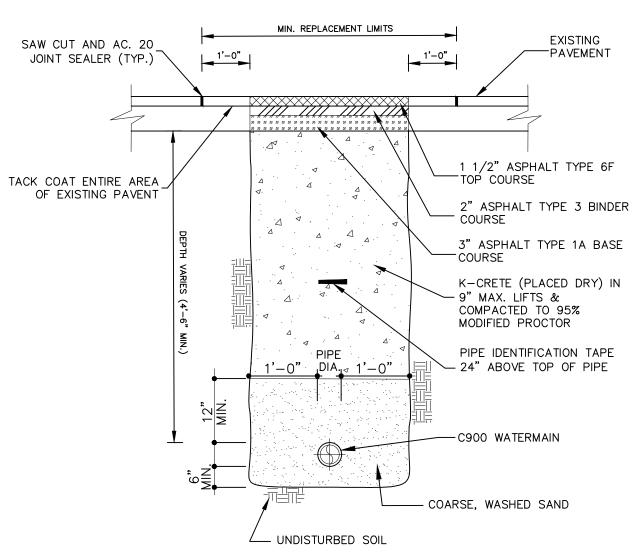
EMBOSSED SEALS SHOULD NOT BE RELIED UPON SINCE OTHER

THAN EMBOSSED-SEAL COPIES MAY CONTAIN UNAUTHORIZED

AND UNDETECTABLE MODIFICATIONS, DELETIONS, ADDITIONS

COMPLY WITH THE REQUIREMENTS OF NEW YORK

EDUCATIONAL LAW, SECTION 7209.2



TYPICAL WATER SERVICE INSTALLATION / RESTORATION DETAIL IN VILLAGE STREET

NOT TO SCALE 1. PAVEMENT AND SUBBASE MATERIAL SHALL, AT A MINIMUM, MATCH THE EXISTING TYPES AND THICKNESSES FOUND WITHIN ANY TOWN, COUNTY OR STATE HIGHWAY, WHICHEVER IS

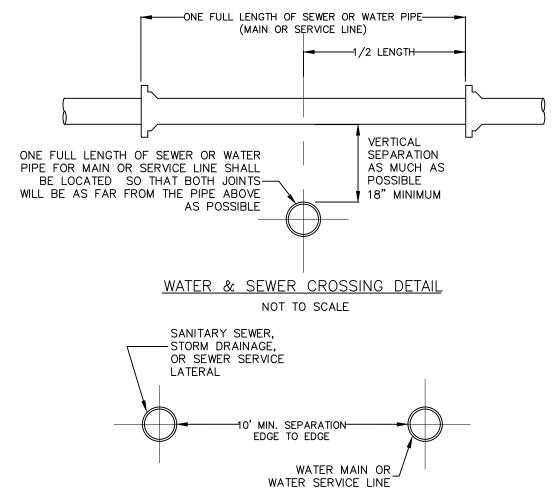
WATER NOTES

DISINFECTION.

- 1. ALL WATER SYSTEM INSTALLATIONS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE VILLAGE OF SOUTH BLOOMING GROVE, THE ORANGE COUNTY DEPARTMENT OF HEALTH, THE LATEST AWWA STANDARDS, AND "RECOMMENDED STANDARDS FOR
- WATER WORKS" (2DD7-GLUMB) 2. DISINFECTION AND TESTING SHALL BE IN ACCORDANCE WITH AWWA C651.
- 3. PRESSURE AND LEAKAGE TESTING SHALL BE IN ACCORDANCE WITH AWWA C600.\P 6. SUPPLIERS RECORDS INDICATE ADEQUATE
- PRESSURE AND CAPACITY IS AVAILABLE. 4. ALL ELEVATIONS BASED ON TOPOGRAPHICAL INFORMATION PREPARED BY CLEARPOINT SERVICES, LLC.
- 5. AVAILABLE INFORMATION AS TO THE LOCATION OF EXISTING SUBSTRUCTURES AND UTILITIES HAS BEEN COLLECTED FROM VARIOUS SOURCES THE RESULTS OF SUCH INVESTIGATIONS, AS MAY BE SHOWN ON THE CONTRACT DRAWINGS, ARE NOT GUARANTEED AS TO ACCURACY. ALL EXISTING UTILITIES ARE SHOWN FOR INFORMATION ONLY. THE CONTRACTOR SHALL DIG TEST PITS AS REQUIRED TO VERIFY TRUE AND EXACT LOCATIONS OF UNDERGROUND LINES.
- 6. ALL PROFILES INDICATE APPROXIMATE GROUND PROFILES. 7. THE CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES, AND DIG SAFELY NEW YORK (1-800-962-7962), A MINIMUM OF 72
- HOURS PRIOR TO EXCAVATION. AND SHALL COMPLY WITH ALL CURRENT MARKOUT REQUIREMENTS OF DIG SAFELY NEW YORK. 8. EXCAVATIONS OR TRENCHING WITHIN CLOSE PROXIMITY TO UNDERGROUND FACILITIES OR UTILITY POLES WILL REQUIRE PROTECTION TO PREVENT DAMAGE OR INTERRUPTION OF SERVICE TO UNDERGROUND FACILITIES. THE COST TO PROVIDE THIS PROTECTION WILL
- BE BORNE BY THE CONTRACTOR. 9. THE CONTRACTOR SHALL BE RESPONSIBLE TO PROTECT EXISTING THRUST BLOCKS WHICH ARE RESTRAINING EXISTING UTILITIES. EXISTING THRUST BLOCKS SHALL NOT BE UNDERMINED.
- 10. ALL TRENCH LINES SHALL BE CUT OR MILLED. 11. THE CONTRACTOR SHALL COMPLY WITH ALL ROAD OPENING REQUIREMENTS AND ORDINANCES OF THE GOVERNING AGENCY.
- PERFORMED AND COMPLETED ON A DAILY BASIS. ALL ROADS SHALL BE PASSABLE TO VEHICULAR TRAFFIC AT THE END OF EACH MUELLER 300 CORPORATION BALL VALVE-13. ALL TRENCHES SHALL BE BACKFILLED WITHOUT DELAY. OPEN TRENCHES SHALL BE KEPT TO A MINIMUM. OPEN TRENCHES SHALL 1" MINIMUM PER PLANS

12. RESTORATION, INCLUDING THE REMOVAL OF EXCESS EXCAVATED MATERIAL AND PLACEMENT OF TEMPORARY PAVEMENT, SHALL BE

- BE STEEL PLATED. UPON BACKFILLING THE CONTRACTOR SHALL BROOM SWEEP STREETS, USE APPROPRIATE METHODS TO CONTROL DUST AND HOSE DOWN THE PAVEMENT TO KEEP SURFACE CLEAN. 14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ALL EXCESS EXCAVATED MATERIAL TO AN OFF-SITE
- LOCATION 15. THE CONTRACTOR SHALL FURNISH AND INSTALL CORPORATIONS WHEREVER NECESSARY FOR PRESSURE TESTING AND DISINFECTING THE WATER MAIN. CORPORATIONS SHALL BE 3/4" FOR MAINS SMALLER THAN 16" AND 1" FOR MAINS 16" AND LARGER. THE CONTRACTOR SHALL INSTALL AS MANY CORPORATIONS AS ARE REQUIRED FOR PROPER TESTING. FLUSHING. AIR BLEEDING AND
- 16. TO MAINTAIN THE HORIZONTAL AND VERTICAL ALIGNMENT SHOWN ON THE PLANS, PIPE JOINTS MAY BE DEFLECTED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS, UNLESS THE SPECIFICATIONS INDICATE A MORE STRINGENT REQUIREMENT. IF NECESSARY, EITHER TO MAINTAIN THE ALIGNMENT SHOWN OR TO ADJUST THE ALIGNMENT TO MEET ACTUAL FIELD CONDITIONS, ADDITIONAL FITTINGS SHALL BE INSTALLED AS REQUIRED.
- 17. ALL STATIONING SHOWN ON PLANS IS APPROXIMATE. 18. ALL CONSTRUCTION ACTIVITIES ARE TO BE CONFINED TO THE PUBLIC RIGHT-OF-WAY OR TO THE LIMITS DEPICTED ON THE
- CONTRACT DRAWINGS. 19. THE WATER MAIN SHALL BE INSTALLED WITH A MINIMUM OF FOUR AND ONE HALF (4.5) FEET OF COVER. ANY DEVIATION FROM
- THIS WILL REQUIRE AUTHORIZATION FROM THE VILLAGE OF SOUTH BLOOMING GROVE ENGINEER.
- 20. THE CONTRACTOR SHALL TAKE STEPS NECESSARY TO PRESERVE EXISTING CURB AND MINIMIZE THE LENGTH OF CURBING THAT MUST BE REPLACED. 21. THE CONTRACTOR IS CAUTIONED THAT ALL SANITARY LATERALS AND UTILITY SERVICES HAVE NOT BEEN LOCATED. WHEN THE
- CONTRACTOR ENCOUNTERS AN OBSTRUCTION AND CANNOT ADJUST THE ALIGNMENT USING ALLOWABLE JOINT DEFLECTION. THE CONTRACTOR SHALL REFER TO THE WATER MAIN DETAIL SHEETS. THE CONTRACTOR WILL BE RESPONSIBLE FOR THE PROMPT
- REPAIR OF DAMAGED UTILITIES, AND SHALL RESTORE THE SITES AS NEATLY AS POSSIBLE TO THEIR ORIGINAL CONDITION. 22. THE CONTRACTOR SHALL PROTECT ALL STRUCTURES, ROADS, PIPELINES, TREES, SHRUBBERY, GRASS AREAS, ETC. DURING THE PROGRESS OF THE WORK AND SHALL REMOVE DAILY FROM THE SITE ALL DEBRIS AND UNUSED MATERIALS. UPON COMPLETION OF THE WORK, THE CONTRACTOR SHALL RESTORE THE SITES AS NEATLY AS POSSIBLE TO THEIR ORIGINAL CONDITION.
- 23. ALL SIDEWALK AREAS SHALL BE PASSABLE AND BROOM SWEPT AT THE END OF EACH WORK DAY. 24. DURING FLUSHING AND PRESSURE TESTING OF THE MAIN, THE VILLAGE OF SOUTH BLOOMING GROVE SHALL OPERATE ALL VALVES. 25. REFER TO DETAIL SHEET FOR STANDARD DETAILS.



WATER & SEWER HORIZONTAL SEPARATION

SEWER & WATER SEPARATION NOTES

2. A FULL LENGTH OF BOTH PIPES CROSSING MUST BE CENTERED AT THE

3. BEDDING MATERIAL SHALL BE INCREASED TO 12" BELOW THE LENGTH

4. TWO LAYERS OF CAUTION TRACER TAPE SHALL BE PLACED 18" MINIMUM ABOVE STORM SEWER MAINS.

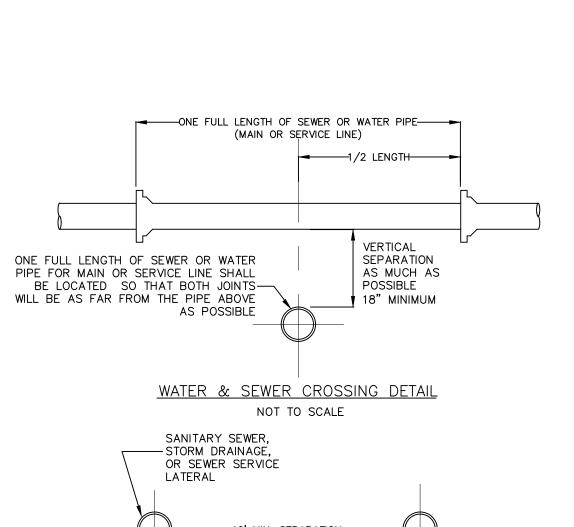
1. SEPARATION DISTANCE BETWEEN WATER MAINS AND STORM/SEWER MAINS SHALL BE 10' HORIZONTAL AND 18" AT CROSSINGS. THESE SEPARATION DISTANCES MUST BE MAINTAINED UNLESS SPECIFICALLY SHOWN AND INDICATED OTHERWISE ON THE PLANS. THE PREFERRED CROSSING OPTION IS FOR THE WATER MAIN TO BE CONSTRUCTED ABOVE STORM/SEWER MAINS.

- 2. SEWER MAIN INCLUDES SEWER LATERALS AND STORM DRAIN.
- 3. WATER MAIN INCLUDES WATER SERVICE LATERALS.

1. FULL LENGTH OF BOTH PIPES CROSSING MUST BE CENTERED AT THE CROSSING

2. CONTRACTOR SHALL PROVIDE STRUCTURAL SUPPORT FOR EXISTING WATER MAIN OVER THE ENTIRE TRENCH WIDTH TO PREVENT DAMAGE TO THE WATER MAIN.

3. WATER TIGHT JOINTS WHERE WATERLINES ARE CROSSED ABOVE OR BELOW.



1. WHEN IT IS IMPOSSIBLE TO MAINTAIN PROPER HORIZONTAL OR VERTICAL SEPARATION AS SHOWN, THE SEWER SHALL BE DESIGNED AND CONSTRUCTED EQUAL TO THE WATER MAIN, AND SHALL BE PRESSURE TESTED TO ASSURE WATERTIGHTNESS PRIOR TO BACKFILLING.

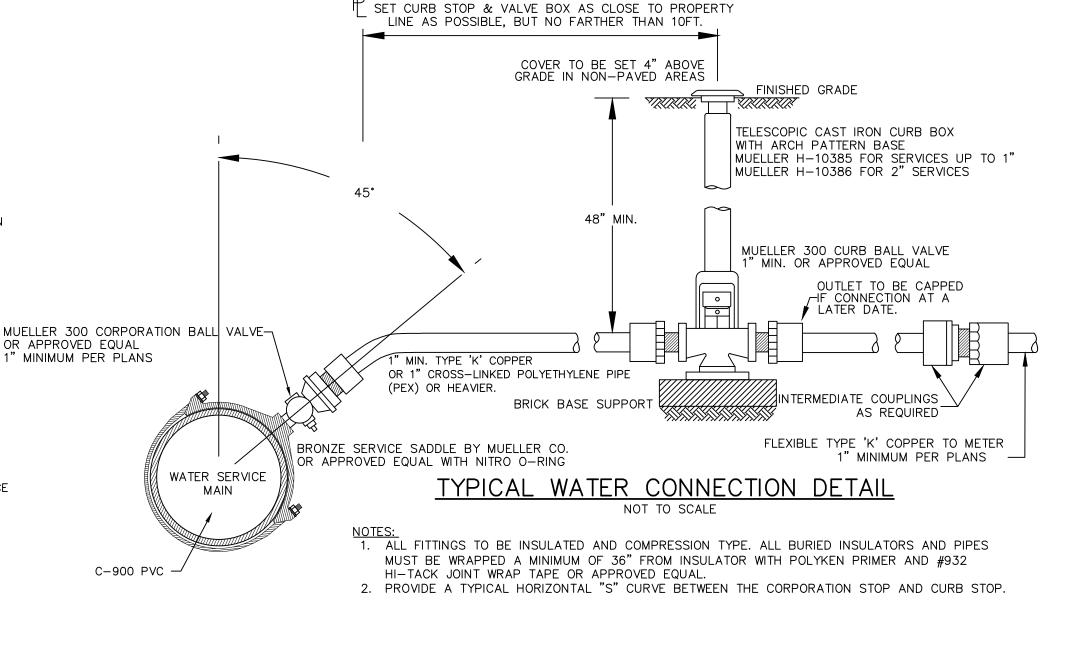
OF WATER MAIN PIPE FOR 10' ON EITHER SIDE OF THE CROSSING.

<u>NOTES</u>

4. DEFLECT WATER MAIN IN AN ARC BENEATH THE SEWER/STORM LINE. DO NOT USE FITTINGS TO DEFLECT THE WATER MAIN.

WATER OVER SEWER SEPARATION NOTES

SO THAT PIPE JOINTS WILL BE AS FAR FROM EACH OTHER AS POSSIBLE (10'



BY DATE DESCRIPTION 10/26/23 REMOVED RW, SW, STAIRS. ADDED SINGLE FAM. DWELLING & SEWER & WATER LINE MM 05/26/23 | PER PB COMMENTS

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WATER SUPPLY DETAILS

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