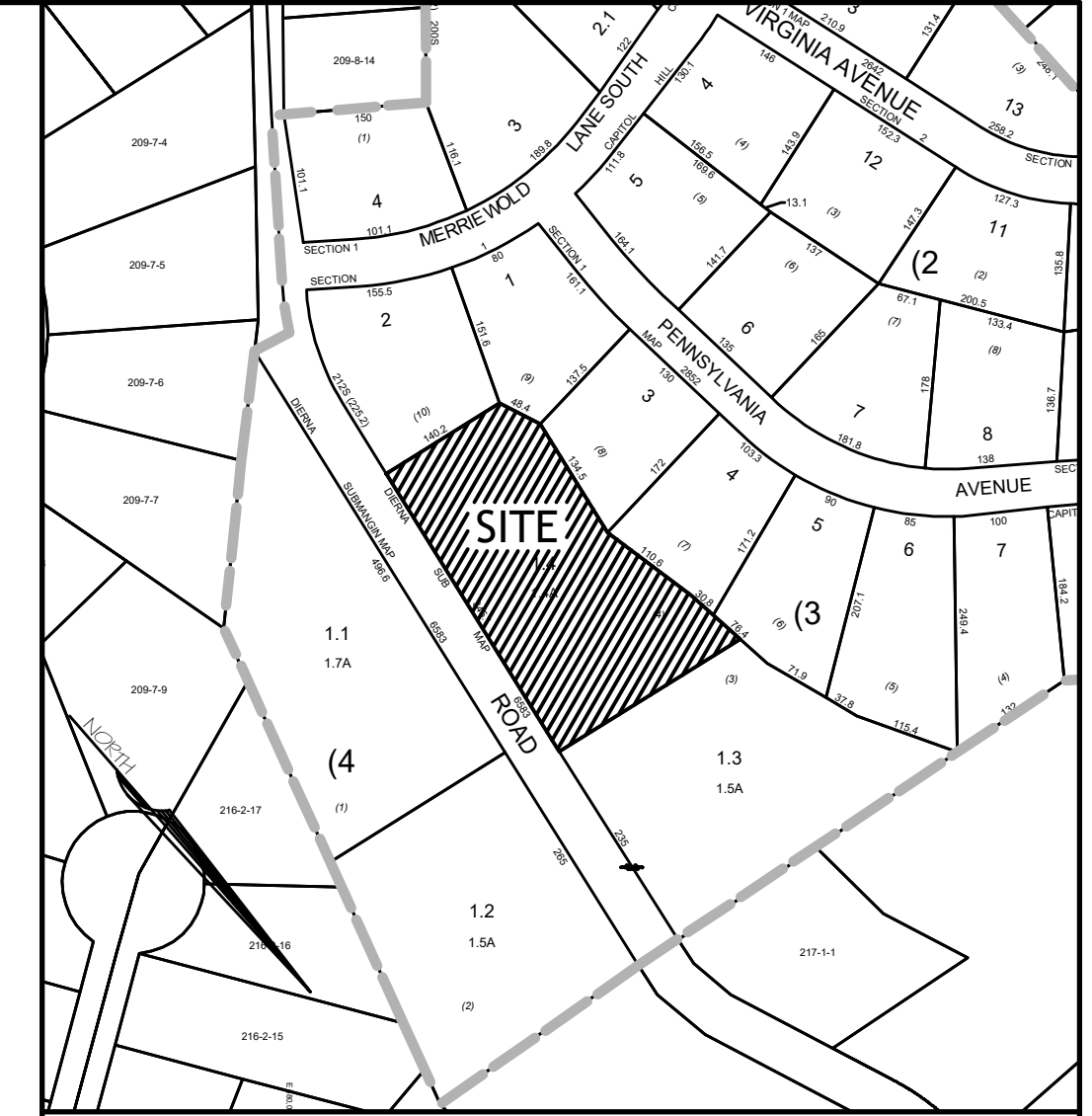


LEGEND

625.0(TC)	DENOTES EXISTING "TOP OF CURB" GRADE		DENOTES EXISTING UTILITY POLE	
625.0(DC)	DENOTES EXISTING "DROP CURB" GRADE		DENOTES EXISTING CONCRETE SURFACE	
WV	DENOTES EXISTING WATER VALVE	625.0+	DENOTES EXISTING SPOT GRADE	
GV	DENOTES EXISTING GAS VALVE	—W—	DENOTES EXISTING WETLANDS LIMIT LINE	
WMH	DENOTES EXISTING WATER MANHOLE	—238—	DENOTES EXISTING CONTOUR LINE	
TMH	DENOTES EXISTING TELEPHONE MANHOLE		DENOTES EXISTING STONE WALL	
LP	DENOTES EXISTING LIGHT POLE		DENOTES PROPOSED STONE	
CB	DENOTES EXISTING CATCH BASIN	—EC—	DENOTES EXISTING UNDERGROUND ELECTRIC CABLE SERVICE	
+217.6	DENOTES EXISTING SPOT GRADE	—G—	DENOTES PROPOSED GAS SERVICE	
TP-1	DENOTES TEST PIT	—1" WS—	DENOTES 1" WATER SERVICE	
PH-2	DENOTES PERCOLATION TEST	—SRF—	DENOTES PROPOSED SPLT RAIL FENCE	
		+ <217.6±>	DENOTES PROPOSED SPLT RAIL FENCE	
			DENOTES PROPOSED CONTOUR	



- SITE SPECIFIC NOTES:**
- THIS IS A SUBDIVISION SITE PLAN PREPARED FOR OF TAX LOT # 210-4-1.4 AS SHOWN ON THE VILLAGE OF SOUTH BLOOMING GROVE TAX MAPS.
 - RECORD OWNER: ELIE MINZ, 58 MILVAL LANE, HIGHLAND MILLS, NEW YORK 10930
 - APPLICANT: ELIE MINZ, 58 MILVAL LANE, HIGHLAND MILLS, NEW YORK 10930
 - SITE ADDRESS: 41 MANGIN ROAD, MONROE, NEW YORK 10950
 - DEED REFERENCE: DEED BOOK 14829 PAGE 1671.
 - FILED MAP NUMBER LOT DIERNA SUBDIVISION MAP 6583.
 - AREA OF PARCEL: 1.4 ± ACRES (60,984± SQUARE-FOOT).
 - ZONING DISTRICT: RESIDENCE B DISTRICT - (RB).
 - EXISTING NUMBER OF LOTS: ONE (1).
 - PROPOSED NUMBER OF LOTS: FIVE (5).
 - EXISTING USE: SINGLE-FAMILY RESIDENTIAL.
 - PROPOSED USE: TWO-FAMILY RESIDENTIAL & SINGLE-FAMILY RESIDENTIAL.
 - SANITARY SEWER DISPOSAL: EXISTING MUNICIPAL CENTRAL SEWER SYSTEM.
 - WATER SUPPLY: EXISTING MUNICIPAL WATER SUPPLY SYSTEM.
 - TOPOGRAPHIC DATUM: APPROXIMATE U.S.G.S. (1' CONTOUR INTERVAL).
 - THIS PLAT DOES NOT CONFLICT WITH THE COUNTY OFFICIAL MAP AND HAS BEEN APPROVED IN THE MANNER SPECIFIED BY SECTION 259K OF THE GENERAL MUNICIPAL LAW.

BOUNDARY AND TOPOGRAPHIC SURVEY REFERENCE:

BOUNDARY AND TOPOGRAPHIC REFERENCE INFORMATION SHOWN TAKEN FROM A MAP ENTITLED SURVEY PREPARED FOR 41 MANGIN ROAD, MONROE, NEW YORK 10950 ~ SECTION 210 ~ BLOCK 4 ~ LOT 1.4 PREPARED BY EDWARD T. GANNON, L.S. DATED OCTOBER 5, 2023.

COUNTY CERTIFICATION:
 COUNTY OF ORANGE LOCAL LAW #1 OF 1989.

I HEREBY CERTIFY THAT THE WATER AND SEWER SYSTEM SHOWN ON THE PLANS WAS DESIGNED IN ACCORDANCE WITH THE STANDARDS AND REQUIREMENTS PROMULGATED BY THE NEW YORK STATE DEPARTMENT OF HEALTH, AND ENVIRONMENTAL CONSERVATION FOR RESIDENTIAL LOTS AS AMENDED FROM TIME TO TIME, AND FURTHER THAT SUCH DESIGN IS BASED ON ACTUAL SOIL AND SITE CONDITIONS FOUND UPON SUCH LOT AT THE DESIGN LOCATION AT THE TIME OF THE DESIGN.

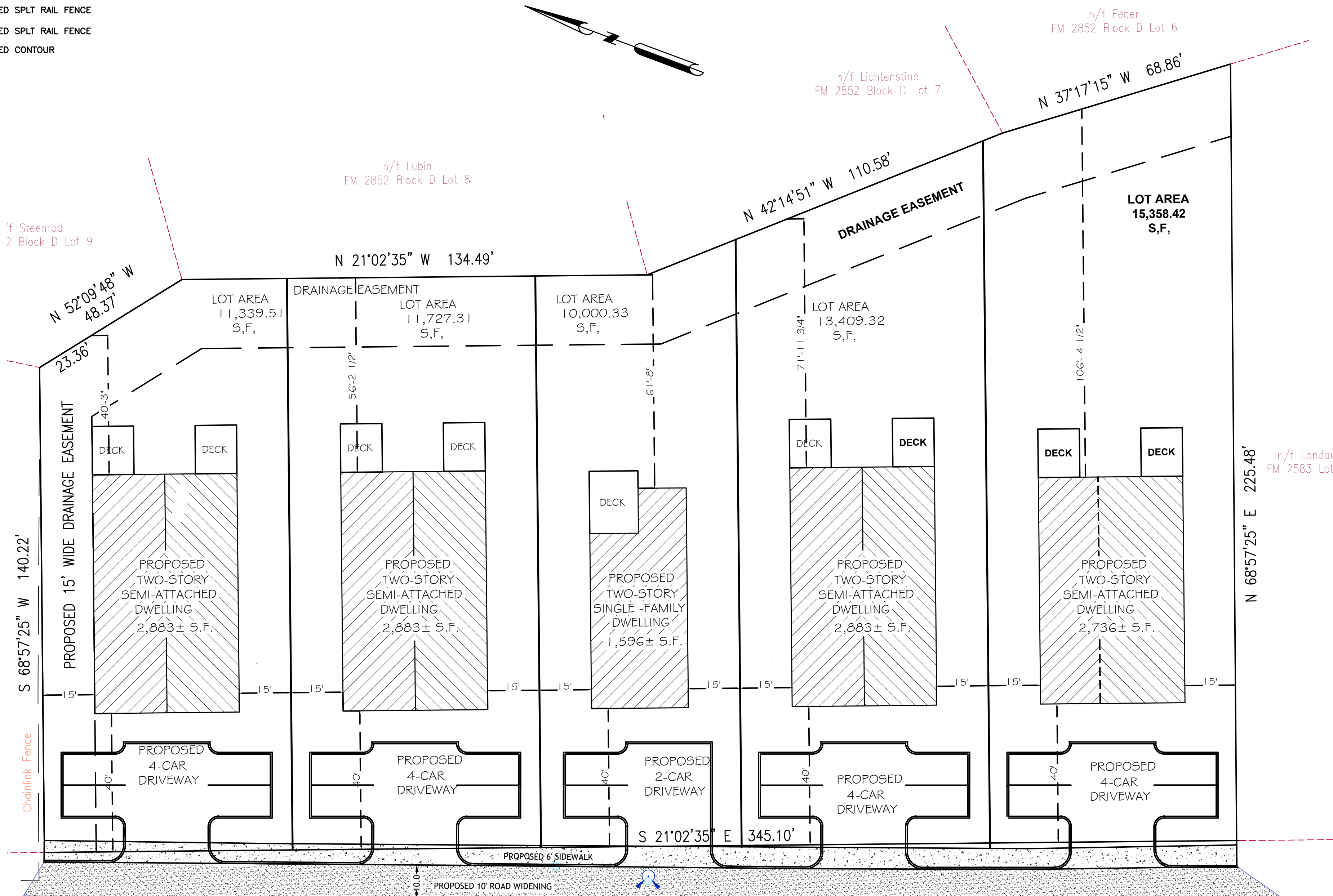
ENDORSEMENTS:

OWNER'S ENDORSEMENT:
 APPROVED FOR FILING WITH THE ORANGE COUNTY CLERK:

OWNER: _____ DATE: _____

PLANNING BOARD ENDORSEMENT:
 APPROVED AS FINAL PLAT BY RESOLUTION OF THE VILLAGE OF SOUTH BLOOMING GROVE PLANNING BOARD:

CHAIRPERSON: _____ DATE: _____

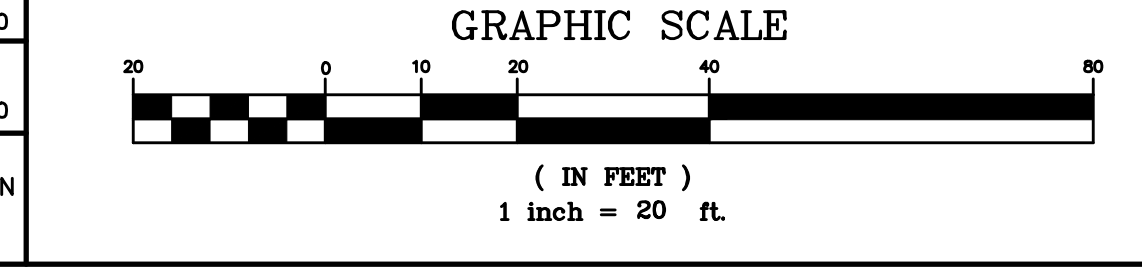


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REVISIONS:

#	DATE	COMMENTS



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MICHAEL J. CALISE, P.E.
 NEW YORK STATE LIC. NO. 074611

PRELIMINARY

SUBDIVISION SITE PLAN
 PREPARED FOR:
 TAX LOTS # 210-4-1.4

41 MANGIN ROAD SUBDIVISION

VILLAGE OF SOUTH BLOOMING GROVE
 TOWN OF BLOOMING GROVE
 ORANGE COUNTY NEW YORK

Michael J. Calise, P.E. & Associates, P.C.
 Civil Engineering & Land Planning Consultants
 41 East Naurauschaun Avenue
 Pearl River, New York 10965
 Phone (845) 629-3743

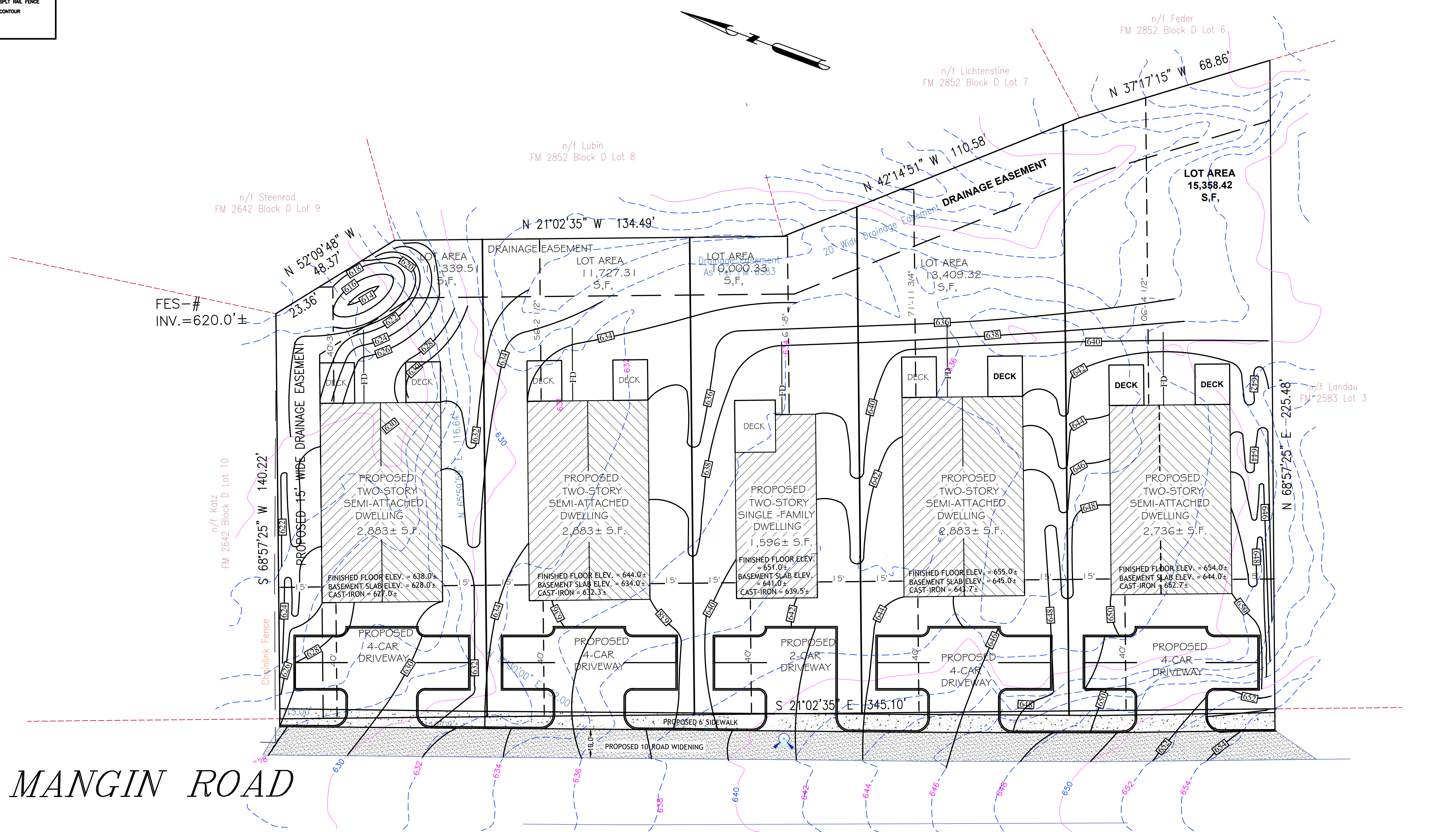
TAX LOT No.: 210-4-1.4
 TOTAL AREA: 0.96± ACRES (41,873.7± ACRES)
 JOB No.: 2370
 SCALE: 1"=20'
 DATE: 10-05-2023
 SHEET: 1 OF 7

LEGEND			
625.0(10)	625.0(10) DENOTES EXISTING "TOP OF CURB" GRADE	625.0(10)	625.0(10) DENOTES EXISTING UTILITY POLE
625.0(20)	625.0(20) DENOTES EXISTING "TOP OF CURB" GRADE	625.0(20)	625.0(20) DENOTES EXISTING CONCRETE SURFACE
WV	WV DENOTES EXISTING WATER VALVE	625.0(20)	625.0(20) DENOTES EXISTING SPOT GRADE
GV	GV DENOTES EXISTING GAS VALVE	625.0(20)	625.0(20) DENOTES EXISTING WETLANDS LIMIT LINE
WMH	WMH DENOTES EXISTING WATER MANHOLE	625.0(20)	625.0(20) DENOTES EXISTING CONTOUR LINE
TMH	TMH DENOTES EXISTING TELEPHONE MANHOLE	625.0(20)	625.0(20) DENOTES EXISTING STONE WALL
LP	LP DENOTES EXISTING LIGHT POLE	625.0(20)	625.0(20) DENOTES PROPOSED STONE
CB	CB DENOTES EXISTING CATCH BASIN	625.0(20)	625.0(20) DENOTES EXISTING UNDERGROUND ELECTRIC CABLE SERVICE
+217.8	+217.8 DENOTES EXISTING SPOT GRADE	625.0(20)	625.0(20) DENOTES PROPOSED GAS SERVICE
TP-1	TP-1 DENOTES TEST PIT	625.0(20)	625.0(20) DENOTES 1" WATER SERVICE
PH-2	PH-2 DENOTES PERCOLATION TEST	625.0(20)	625.0(20) DENOTES PROPOSED SPLIT RAIL FENCE
		625.0(20)	625.0(20) DENOTES PROPOSED SPLIT RAIL FENCE
		625.0(20)	625.0(20) DENOTES PROPOSED CONTOUR

- SITE SPECIFIC NOTES:**
- THIS IS A SUBDIVISION SITE PLAN PREPARED FOR OF TAX LOT # 210-4-1.4 AS SHOWN ON THE VILLAGE OF SOUTH BLOOMING GROVE TAX MAPS.
 - RECORD OWNER: ELIE MINZ
58 MILVAL LANE
HIGHLAND MILLS, NEW YORK 10930
 - APPLICANT: ELIE MINZ
58 MILVAL LANE
HIGHLAND MILLS, NEW YORK 10930
 - SITE ADDRESS: 41 MANGIN ROAD
MONROE, NEW YORK 10950
 - DEED REFERENCE: DEED BOOK 14829 PAGE 1671.
 - FILED MAP NUMBER LOT DIERNA SUBDIVISION MAP 6583.
 - AREA OF PARCEL: 1.4 ± ACRES (60,984± SQUARE-FEET).
 - ZONING DISTRICT: RESIDENCE B DISTRICT - (RB).
 - EXISTING NUMBER OF LOTS: ONE (1).
 - PROPOSED NUMBER OF LOTS: FIVE (5).
 - EXISTING USE: SINGLE-FAMILY RESIDENTIAL.
 - PROPOSED USE: TWO-FAMILY RESIDENTIAL & SINGLE-FAMILY RESIDENTIAL.
 - SANITARY SEWER DISPOSAL: EXISTING MUNICIPAL CENTRAL SEWER SYSTEM.
 - WATER SUPPLY: EXISTING MUNICIPAL WATER SUPPLY SYSTEM.
 - TOPOGRAPHIC DATUM: APPROXIMATE U.S.G.S. (1' CONTOUR INTERVAL).
 - THIS PLAN DOES NOT CONFLICT WITH THE COUNTY OFFICIAL MAP AND HAS BEEN APPROVED IN THE MANNER SPECIFIED BY SECTION 259k OF THE GENERAL MUNICIPAL LAW.

BOUNDARY AND TOPOGRAPHIC SURVEY REFERENCE:
BOUNDARY AND TOPOGRAPHIC REFERENCE INFORMATION SHOWN TAKEN FROM A MAP ENTITLED BOUNDARY TOPOGRAPHY SURVEY PREPARED FOR 41 MANGIN ROAD, MONROE, NEW YORK 10950 ~ SECTION 210 ~ BLOCK 4 ~ LOT 1.4 PREPARED BY EDWARD T. GANNON, L.S. DATED OCTOBER 5, 2023.

- GRADING NOTES:**
- CONTRACTOR SHALL VERIFY LOCATION AND OPERATION OF ALL EXISTING OVERHEAD AND UNDERGROUND UTILITIES, FEATURES, CONDITIONS, ETC., AND SHALL NOTIFY THE ENGINEER AND APPLICANT, IN WRITING, OF ANY DISCREPANCIES.
 - TREE CLEARING TO BE LIMITED TO THAT NECESSARY FOR PROP. CONSTRUCTION AND REQUIRED GRADING.
 - PROVIDE EROSION CONTROL SHOWN ON "EROSION CONTROL PLAN".
 - DISTURBED AREAS, EXCEPT ROADWAYS, WHICH WILL REMAIN UNFINISHED FOR MORE THAN THIRTY DAYS SHALL BE TEMPORARILY SEEDING WITH 1/2LB. RYE GRASS OR MULCHED WITH 100LBS OF STRAW OR HAY PER 1,000 SQ. FT. TEMPORARY DIVERSION DITCHES WILL BE ESTABLISHED WHERE NECESSARY.
 - STABILIZE ALL DISTURBED AREAS WITH PERMANENT COVER FOLLOWING CONSTRUCTION. APPLY THE NECESSARY LIME, FERTILIZER, SEED AND MULCH.
 - TEMPORARY SEDIMENTATION ENTRAPMENT AREA SHALL BE PROVIDED AT KEY LOCATIONS TO INTERCEPT AND CLARIFY SILT LADEN RUNOFF FROM THE SITE. THESE MAY BE EXCAVATED OR MAY BE CREATED USING EARTHEN BERMS RIP-RAP OR CRUSHED STONE DAMS, HAY BALES OR SUITABLE MATERIALS. DIVERSION SWALES, BERMS OR OTHER CHANNELIZATION SHALL BE CONSTRUCTED TO INSURE THAT ALL SILT LADEN WATERS ARE DIRECTED INTO THE ENTRAPMENT AREAS, WHICH SHALL NOT BE PERMITTED TO FILL IN, BUT SHALL BE CLEANED PERIODICALLY DURING THE COURSE OF CONSTRUCTION. THE COLLECTED SILT SHALL BE DEPOSITED IN AREAS SAFE FROM FURTHER EROSION.
 - SILT THAT LEAVES THE SITE IN SPITE OF THE REQUIRED PRECAUTIONS SHALL BE COLLECTED AND REMOVED AS DIRECTED BY THE APPROPRIATE MUNICIPAL AUTHORITIES.
 - AT THE COMPLETION OF THE PROJECT ALL TEMPORARY SLOTTED DEVICES SHALL BE REMOVED AND THE AFFECTED AREAS REGRADED, PLANTED OR TREATED IN ACCORDANCE WITH THE APPROVED PLANS.
 - ALL CONSTRUCTION SHALL MEET CURRENT SPECIFICATIONS OF THE MUNICIPALITY WHICH APPROVED THE PLANS, AND/OR THAT TOWN OR VILLAGE HAVING JURISDICTION OVER THIS PLOT.
 - THE SEED MIXTURE FOR PERMANENT SEEDING SHALL BE:
KENTUCKY BLUEGRASS 100lbs / ACRE (2.0 lb./ 1000 SQ. FT.)
CREeping RED FESCUE 30lbs / ACRE (0.5 lb./ 1000 SQ. FT.)
PERENNIAL RYE GRASS 23lbs / ACRE (0.7 lb./ 1000 SQ. FT.)
 - THE FOLLOWING APPLICATION RATES ARE TO BE USED FOR PERMANENT SEEDING:
LIME IS TO BE APPLIED AT A pH OF AT LEAST 6.0 TO 7.0 OR AT A RATE OF 4 TONS/ACRE (STANDARD GRADE LIMESTONE).
FERTILIZER TO BE APPLIED AT A RATE OF 800 lbs. TO 900 lbs./ACRE OR EQUIVALENT 5-10-10 (NITROGEN-PHOSPHOROUS-POTASSIUM)
 - SOD MAY BE USED INSTEAD OF SEED.



MANGIN ROAD

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#	DATE	COMMENTS

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GRAPHIC SCALE

 (IN FEET)
 1 inch = 20 ft.

MICHAEL J. CALISE, P.E.
 NEW YORK STATE LIC. NO. 074611

PRELIMINARY

GRADING PLAN
 PREPARED FOR:
 TAX LOTS # 210-4-1.4

41 MANGIN ROAD SUBDIVISION

VILLAGE OF SOUTH BLOOMING GROVE
 TOWN OF BLOOMING GROVE
 ORANGE COUNTY NEW YORK

Michael J. Calise, P.E. & Associates, P.C.
 Civil Engineering & Land Planning Consultants
 41 East Naurauschaun Avenue
 Pearl River, New York 10965
 Phone (845) 629-3743

TAX LOT No.:	210-4-1.4
TOTAL AREA:	0.96± ACRES (41,873.7± ACRES)
JOB No.:	2370
SCALE:	1"=20'
DATE:	10-05-2023
SHEET:	2 OF 7

SITE SPECIFIC NOTES:

1. THIS IS A SUBDIVISION SITE PLAN PREPARED FOR OF TAX LOT # 210-4-1.4 AS SHOWN ON THE VILLAGE OF SOUTH BLOOMING GROVE TAX MAPS.
2. RECORD OWNER: ELIE MINZ
58 MILVAL LANE
HIGHLAND MILLS, NEW YORK 10930
3. APPLICANT: ELIE MINZ
58 MILVAL LANE
HIGHLAND MILLS, NEW YORK 10930
4. SITE ADDRESS: 41 MANGIN ROAD
MONROE, NEW YORK 10950
5. DEED REFERENCE: DEED BOOK 14829 PAGE 1671..
6. FILED MAP NUMBER LOT DIERNA SUBDIVISION MAP 6583.
7. AREA OF PARCEL: 1.4 ± ACRES (60,984± SQUARE-FEET).
8. ZONING DISTRICT: RESIDENCE B DISTRICT - (RB).
9. EXISTING NUMBER OF LOTS: ONE (1).
10. PROPOSED NUMBER OF LOTS: FIVE (5).
11. EXISTING USE: SINGLE-FAMILY RESIDENTIAL.
12. PROPOSED USE: TWO-FAMILY RESIDENTIAL & SINGLE-FAMILY RESIDENTIAL.
13. SANITARY SEWER DISPOSAL: EXISTING MUNICIPAL CENTRAL SEWER SYSTEM.
14. WATER SUPPLY: EXISTING MUNICIPAL WATER SUPPLY SYSTEM.
15. TOPOGRAPHIC DATUM: APPROXIMATE U.S.G.S. (1' CONTOUR INTERVAL).
16. THIS PLAN DOES NOT CONFLICT WITH THE COUNTY OFFICIAL MAP AND HAS BEEN APPROVED IN THE MANNER SPECIFIED BY SECTION 259k OF THE GENERAL MUNICIPAL LAW.

BOUNDARY AND TOPOGRAPHIC SURVEY REFERENCE:
BOUNDARY AND TOPOGRAPHIC REFERENCE INFORMATION SHOWN TAKEN FROM A MAP ENTITLED BOUNDARY TOPOGRAPHY SURVEY PREPARED FOR 41 MANGIN ROAD, MONROE, NEW YORK 10950 - SECTION 210 - BLOCK 4 - LOT 1.4 PREPARED BY EDWARD T. GANNON, L.S. DATED OCTOBER 5, 2023.

LEGEND

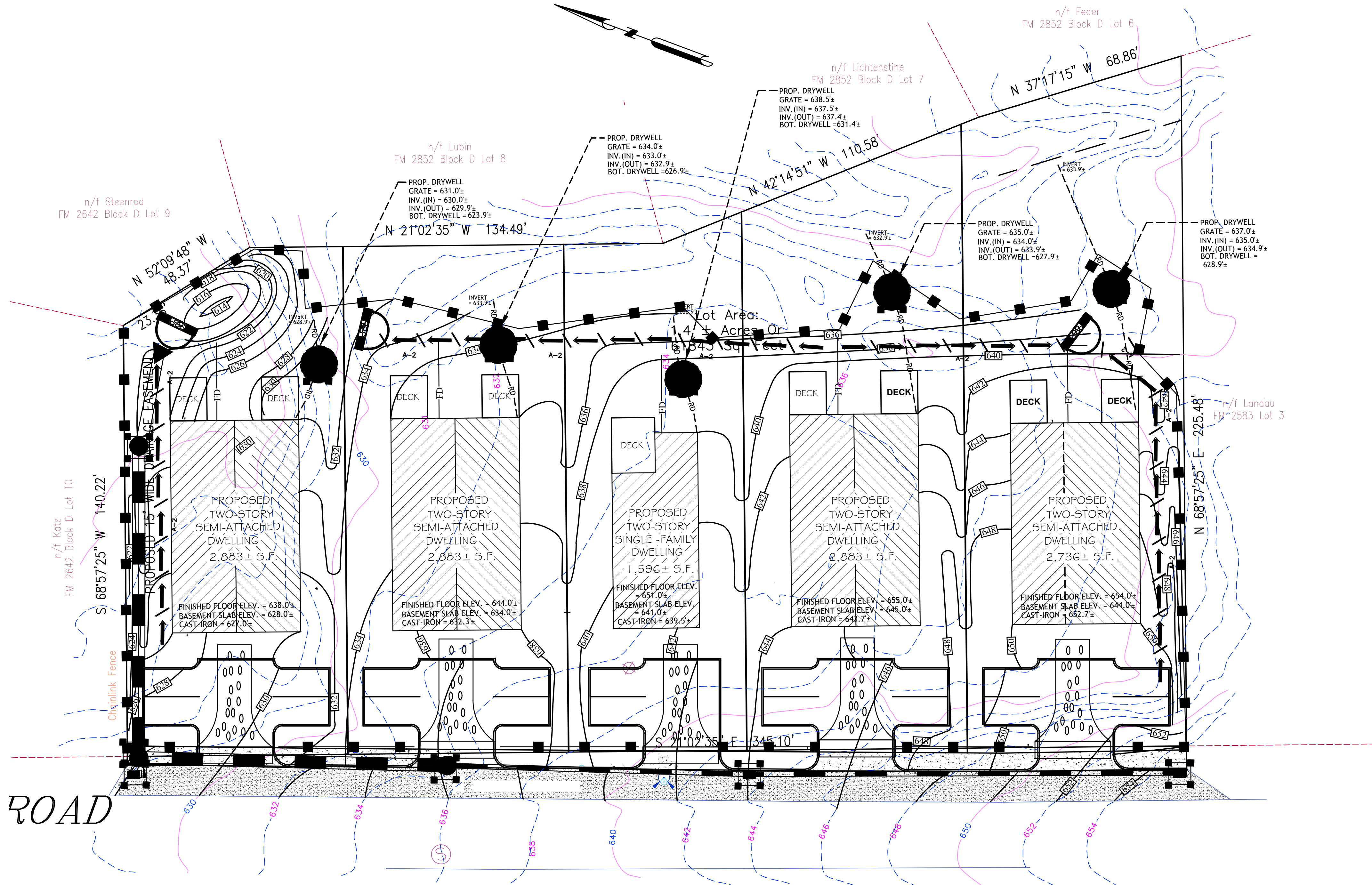
- | | | | |
|----------|--------------------------------------|--|---|
| 625.0(+) | DENOTES EXISTING "TOP OF CURB" GRADE | | DENOTES EXISTING UTILITY POLE |
| 625.0(0) | DENOTES EXISTING "DROP CURB" GRADE | | DENOTES EXISTING CONCRETE SURFACE |
| WV | DENOTES EXISTING WATER VALVE | | DENOTES EXISTING WETLANDS LIMIT LINE |
| GV | DENOTES EXISTING GAS VALVE | | DENOTES EXISTING CONTOUR LINE |
| WMH | DENOTES EXISTING WATER MANHOLE | | DENOTES EXISTING STONE WALL |
| TMH | DENOTES EXISTING TELEPHONE MANHOLE | | DENOTES PROPOSED STONE |
| LP | DENOTES EXISTING LIGHT POLE | | DENOTES EXISTING UNDERGROUND ELECTRIC CABLE SERVICE |
| CB | DENOTES EXISTING CURB BUSH | | DENOTES PROPOSED GAS SERVICE |
| OW | DENOTES EXISTING OVERHEAD WIRES | | DENOTES PROPOSED 1" WATER SERVICE |
| +217.4 | DENOTES EXISTING SPOT GRADE | | DENOTES PROPOSED SPLIT RAIL FENCE |
| TP-1 | DENOTES TEST PIT | | DENOTES PROPOSED SPLIT RAIL FENCE |
| PH-2 | DENOTES PERCOLATION TEST | | DENOTES PROPOSED CONTOUR |

LEGEND FOR EROSION CONTROL MEASURES REQUIRED AT THE TIME OF CONSTRUCTION

- STABILIZED CONSTRUCTION ENTRANCE
- SILT FENCE
- EARTH DIKE
- SEDIMENT TRAP - STONE OUTLET
- DROP INLET PROTECTION

SEQUENCE OF CONSTRUCTION FOR EROSION CONTROL

- CONSTRUCT AND MAINTAIN CONSTRUCTION ENTRANCE.
- INSTALL ALL EROSION CONTROL DEVICES AS SHOWN ON THIS PLAN AND NOTED IN THE "LEGEND FOR EROSION CONTROL DURING CONSTRUCTION". ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL CONFORM TO THE NEW YORK STATE GUIDELINES FOR URBAN EROSION AND SEDIMENT CONTROL.
- CLEAR EXISTING TREES AND VEGETATION FROM AREAS TO BE EXCAVATED OR FILLED. STRIP AND STOCKPILE TOPSOIL FROM ALL AREAS TO BE DISTURBED.
- PERFORM NECESSARY EXCAVATION OR FILL OPERATIONS TO BRING SITE TO DESIRED SUBGRADE. INSTALL STORM DRAINAGE AS SHOWN ON THE PLAN.
- SEED ALL DISTURBED AREAS WHICH WILL REMAIN UNFINISHED FOR A PERIOD OF 15 DAYS, OR MORE, AS PER NOTE 4 OF "GRADING NOTES".
- AFTER COMPLETION OF THE SITE CONSTRUCTION, FILL, GRADE AND SPREAD TOPSOIL ON ALL LAWN AREAS AND SEED AS PER NOTES 10, 11 AND 12 OF "GRADING NOTES".
- AFTER LOT STABILIZATION HAS TAKEN PLACE: PAVE (BASE COURSE) DRIVEWAYS. CLEAR DRAINAGE PIPES AND STRUCTURES OF ANY SEDIMENT WHICH MAY HAVE ACCUMULATED. REMOVE ALL EROSION CONTROL DEVICES.
- MAINTAIN ALL SEEDED AND PLANTED AREAS TO INSURE A VIABLE STABILIZED VEGETATIVE COVER.
- SILT THAT HAS BEEN ACCUMULATED IN SILT RETENTION BASINS TO BE REMOVED WHEN BASIN IS FILLED IN TO 50% OF PROVIDED DEPTH.
- ADDITIONAL EROSION CONTROL MEASURES SHALL BE INSTALLED, AS MAY BE REQUIRED AND REQUESTED BY AUTHORITIES, TO PREVENT THE INCIDENTAL DISCHARGE OF SILT LADEN RUNOFF FROM ENTERING A WATER COURSE OR A DRAINAGE SYSTEM.

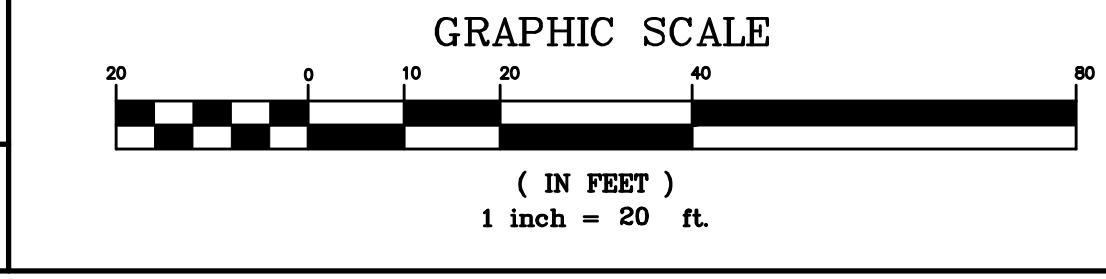


LOT AREA: 0.96± Acres (41,873.7± Square-feet)
TOTAL DISTURBED AREA: 0.89± Acres (38,768.4± square-feet)

THIS PLAN IS FOR EROSION CONTROL PURPOSES ONLY.

REVISIONS

#	DATE	COMMENTS



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MICHAEL J. CALISE, P.E.
NEW YORK STATE LIC. NO. 074611

PRELIMINARY

SOIL EROSION CONTROL PLAN
PREPARED FOR:
TAX LOTS * 210-4-1.4

41 MANGIN ROAD SUBDIVISION

VILLAGE OF SOUTH BLOOMING GROVE
TOWN OF BLOOMING GROVE
ORANGE COUNTY NEW YORK

Michael J. Calise, P.E. & Associates, P.C.
Civil Engineering & Land Planning Consultants
41 East Naurashaun Avenue
Pearl River, New York 10965
Phone (845) 629-3743

TAX LOT No.:	210-4-1.4
TOTAL AREA:	0.96± ACRES (41,873.7± ACRES)
JOB No.:	2370
SCALE:	1"=20'
DATE:	10-05-2023
SHEET:	4 OF 6

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LEGEND

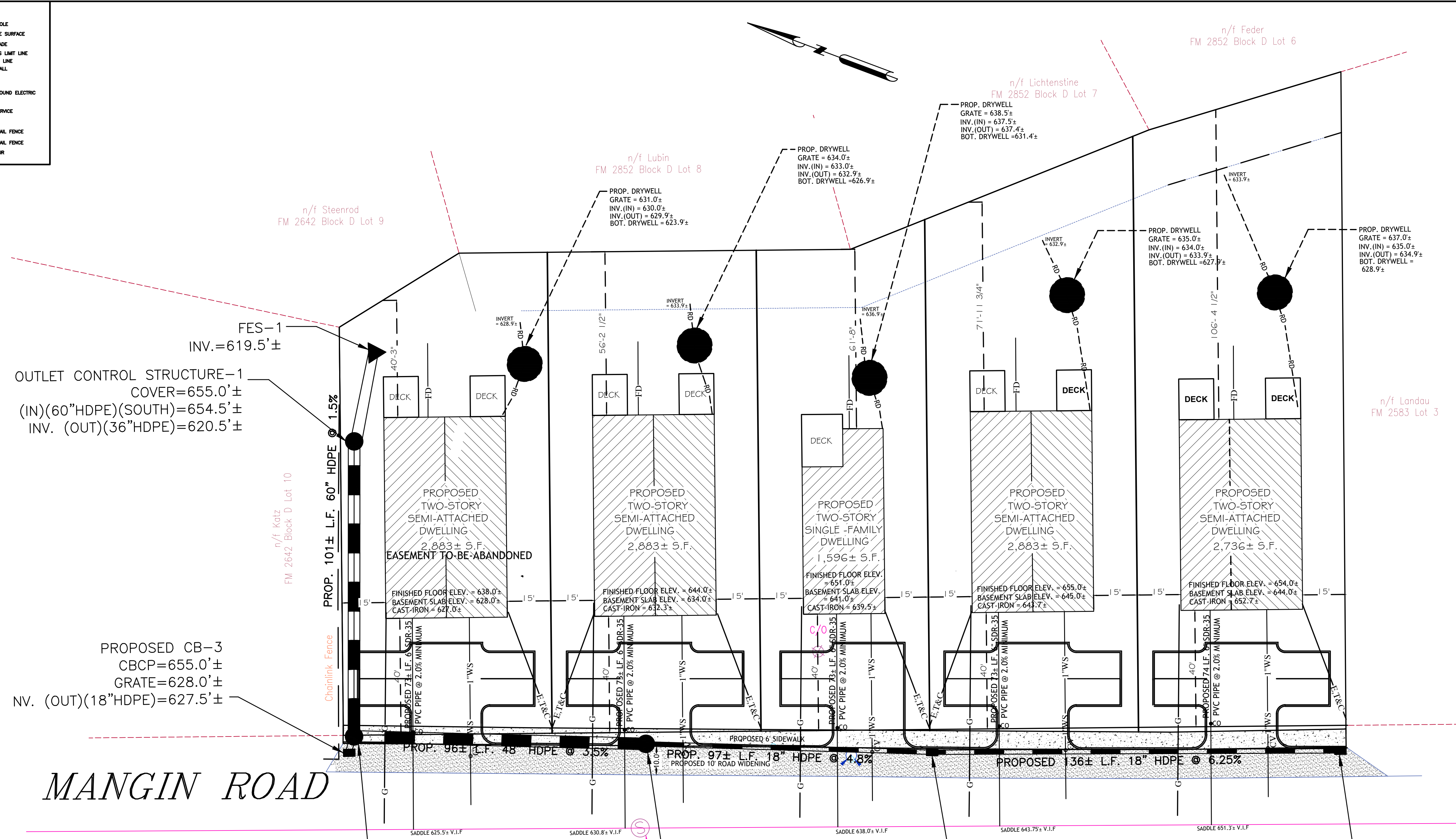
625.0(T)	DENOTES EXISTING "TOP OF CURB" GRADE	---	DENOTES EXISTING UTILITY POLE
625.0(DC)	DENOTES EXISTING "DROP CURB" GRADE	---	DENOTES EXISTING CONCRETE SURFACE
WV	DENOTES EXISTING WATER VALVE	---	DENOTES EXISTING SPOT GRADE
CV	DENOTES EXISTING GAS VALVE	---	DENOTES EXISTING WELDED LIMIT LINE
WM	DENOTES EXISTING WATER MANHOLE	---	DENOTES EXISTING CONTOUR LINE
TMH	DENOTES EXISTING TELEPHONE MANHOLE	---	DENOTES EXISTING STONE WALL
LP	DENOTES EXISTING LIGHT POLE	---	DENOTES PROPOSED STONE
CB	DENOTES EXISTING CATCH BASIN	---	DENOTES EXISTING UNDERGROUND ELECTRIC CABLE SERVICE
+217.8	DENOTES EXISTING OVERHEAD WIRES	---	DENOTES PROPOSED GAS SERVICE
+217.8	DENOTES EXISTING SPOT GRADE	---	DENOTES 1" WATER SERVICE
TP-1	DENOTES TEST PIT	---	DENOTES PROPOSED SPLIT RAIL FENCE
PH-2	DENOTES PERCOLATION TEST	---	DENOTES PROPOSED SPLIT RAIL FENCE
		---	DENOTES PROPOSED CONTOUR

- SITE SPECIFIC NOTES:**
- THIS IS A SUBDIVISION SITE PLAN PREPARED FOR OF TAX LOT # 210-4-1.4 AS SHOWN ON THE VILLAGE OF SOUTH BLOOMING GROVE TAX MAPS.
 - RECORD OWNER: ELIE MINZ, 58 MILVAL LANE, HIGHLAND MILLS, NEW YORK 10930
 - APPLICANT: ELIE MINZ, 58 MILVAL LANE, HIGHLAND MILLS, NEW YORK 10930
 - SITE ADDRESS: 41 MANGIN ROAD, MONROE, NEW YORK 10950
 - DEED REFERENCE: DEED BOOK 14829 PAGE 1671..
 - FILED MAP NUMBER LOT DIERNA SUBDIVISION MAP 6583.
 - AREA OF PARCEL: 1.4 ± ACRES (60,984± SQUARE-FEET).
 - ZONING DISTRICT: RESIDENCE B DISTRICT - (RB).
 - EXISTING NUMBER OF LOTS: ONE (1).
 - PROPOSED NUMBER OF LOTS: FIVE (5).
 - EXISTING USE: SINGLE-FAMILY RESIDENTIAL.
 - PROPOSED USE: TWO-FAMILY RESIDENTIAL & SINGLE-FAMILY RESIDENTIAL.
 - SANITARY SEWER DISPOSAL: EXISTING MUNICIPAL CENTRAL SEWER SYSTEM.
 - WATER SUPPLY: EXISTING MUNICIPAL WATER SUPPLY SYSTEM.
 - TOPOGRAPHIC DATUM: APPROXIMATE U.S.G.S. (1" CONTOUR INTERNAL).
 - THIS PLAN DOES NOT CONFLICT WITH THE COUNTY OFFICIAL MAP AND HAS BEEN APPROVED IN THE MANNER SPECIFIED BY SECTION 259k OF THE GENERAL MUNICIPAL LAW.

BOUNDARY AND TOPOGRAPHIC SURVEY REFERENCE:
 BOUNDARY AND TOPOGRAPHIC REFERENCE INFORMATION SHOWN TAKEN FROM A MAP ENTITLED BOUNDARY TOPOGRAPHY SURVEY PREPARED FOR 41 MANGIN ROAD, MONROE, NEW YORK 10950 - SECTION 210 - BLOCK 4 - LOT 1.4 PREPARED BY EDWARD T. GANNON, L.S. DATED OCTOBER 5, 2023.

- WATER NOTES:**
- CONTRACTOR SHALL VERIFY LOCATION AND OPERATION OF ALL EXISTING OVERHEAD AND UNDERGROUND UTILITIES, FEATURES, CONDITIONS, ETC., AND SHALL NOTIFY THE ENGINEER AND APPLICANT, IN WRITING, OF ANY DISCREPANCIES.
 - ALL WATER MAIN AND APPURTENANCES MATERIALS AND METHODS OF CONSTRUCTION SHALL BE IN ACCORDANCE WITH ALL OF THE REQUIREMENTS OF THE WATER DEPARTMENT OF THE VILLAGE OF SOUTH BLOOMING GROVE. NO INSTALLATION OF PIPE LINES OR APPURTENANCES SHALL BE INSTALLED WITHOUT PRIOR WRITTEN APPROVAL OF THE VILLAGE ENGINEER.
 - ALL PIPES SHALL BE LAID WITH A MINIMUM COVER OF 4'-4" (4.5'). PIPES SHALL BE TYPE "K" COPPER PIPE.
 - WORKMANSHIP AND METHODS FOR COPPER WATER SERVICE PIPE WILL CONFORM WITH THE AMERICAN WATER WORKS ASSOCIATION SPECIFICATIONS (LATEST EDITION).
 - ALL TRENCHES SHALL BE BACKFILLED WITH SUCH OF THE EXCAVATED MATERIAL AS MAY BE DIRECTED. CARE SHALL BE TAKEN SO AS NOT TO DISTURB THE PIPE LINE WHILE BACKFILLING. BACKFILLING SHALL BE THOROUGHLY TAMPED AND BROUGHT TO SIX (6) INCHES ABOVE THE TOP OF THE PIPE INLETS NOT EXCEEDING EIGHT (8) INCHES. BACKFILL ABOVE THIS ZONE SHALL BE MADE WITH HOOPER BITS AND COMPACTOR SHALL BE SECURED BY SLUSHING, TAMING OR ROLLING. GRAVEL SHALL BE PLACED AROUND PIPES WHEN REQUIRED. NO ROCK SHALL BE PUT IN THE TRENCH UNLESS BACKFILL HAS REACHED AT LEAST ONE (1) FOOT ABOVE THE TOP OF THE PIPE. ROCKS OR BOULDER WEIGHING IN EXCESS OF THIRTY (30) POUNDS SHALL NOT BE PLACED IN THE TRENCH. ALL SPACES BETWEEN ROCK SHALL BE THOROUGHLY FILLED WITH EARTH BY BACKFILLING IN ALTERNATE LAYERS OF ROCK AND EARTH. LARGE PIECES OF ROCK SHALL BE DISTRIBUTED THROUGHOUT THE FILL, RATHER THAN CONCENTRATED IN ONE SECTION.
 - ALL SEWER, TESTS AND HYDRANTS INSTALLATIONS SHALL BE SUITABLY RESTRAINED BY THE USE OF ADEQUATE THRUST BLOCKS, RODDING, RETAINER RINGS AND/OR THE USE OF SPECIAL GASKETS SUCH AS THOSE EMPLOYED WITH "K" TYPE PIPE OR APPROVED ALTERNATE.
 - ALL TESTING AND DISINFECTION SHALL BE ACCORDING TO THE WATER DEPARTMENT OF THE VILLAGE OF SOUTH BLOOMING GROVE REQUIREMENTS.
 - LOT 4 (EXISTING RESIDENCE) WILL HAVE NO CHANGE TO EXISTING WATER SERVICE.
 - PROPOSED WATER SERVICE LINE TO BE EITHER 3/4" OR 1" TYPE "K" COPPER SERVICE.

- SANITARY SEWER LATERAL NOTES:**
- CONTRACTOR SHALL VERIFY LOCATION, LENGTHS AND INVERTS, FEATURES, CONDITIONS, ETC., OF ALL SANITARY MANHOLES AND SHALL IMMEDIATELY NOTIFY THE ENGINEER AND APPLICANT, IN WRITING, OF ANY DISCREPANCIES.
 - ALL SANITARY SEWER LATERALS AND APPURTENANCES MATERIALS AND METHODS OF CONSTRUCTION WILL BE IN ACCORDANCE WITH ALL OF THE REQUIREMENTS OF THE SEWER DEPARTMENT OF THE VILLAGE OF SOUTH BLOOMING GROVE. NO INSTALLATION OF PIPE LINES OR APPURTENANCES SHALL BE INSTALLED WITHOUT PRIOR WRITTEN APPROVAL OF THE VILLAGE ENGINEER.
 - ALL PIPES SHALL LAID IN CONFORMANCE WITH THE PLANS AND FIELD-CONDITIONS. PIPES SHALL BE FOUR (4") INCH OD-35 PVC PIPE.
 - ALL TESTING AND DISINFECTION SHALL BE ACCORDING TO THE SEWER DEPARTMENT OF THE VILLAGE OF SOUTH BLOOMING GROVE REQUIREMENTS.



MANGIN ROAD

PROPOSED OVERSIZE DMH#1
 SIX (6'Ø) FOOT I.D.
 COVER=636.3'±
 INV.(IN)(18"HDPE)=632.8'±
 INV.(IN)(24"HDPE)(SOUTH)=631.4'±
 INV.(IN)(24"HDPE)(SOUTH)=630.2'±
 INV.(OUT)(48"HDPE)(EAST)=628.2'±

PROPOSED OVERSIZE DMH#2
 SIX (6'Ø) FOOT I.D.
 COVER=628.6'±
 INV.(IN)(18"HDPE)(SOUTH)=625.8'±
 INV.(IN)(48"HDPE)(WEST)=624.8'±
 INV.(OUT)(60"HDPE)(NORTH)=622.0'±

PROPOSED CB#1
 CBCP=655.0'±
 GRATE=654.5'±
 INV. (OUT)(18"HDPE)=647.5'±

PROPOSED CB#2
 CBCP=644.5'±
 GRATE=644.0'±
 INV.(IN)(18"HDPE)=639.0'±
 INV.(OUT)(18"HDPE)=637.5'±

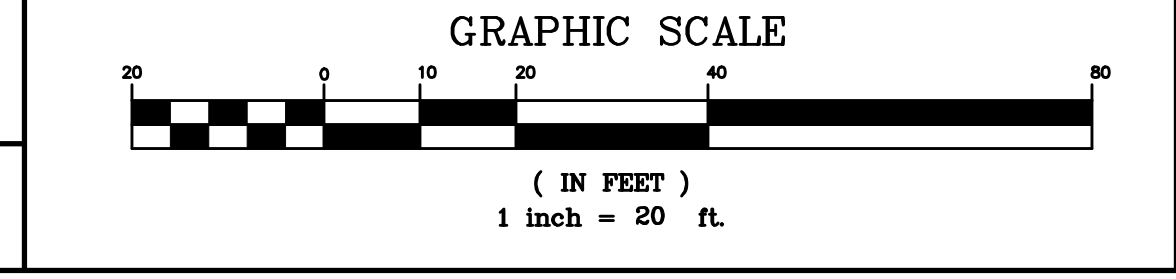
EXISTING SMH
 Rim:636.6'
 Inv(S):630.9'
 Inv(N):630.9'

PROPOSED CB-3
 CBCP=655.0'±
 GRATE=628.0'±
 NV. (OUT)(18"HDPE)=627.5'±

OUTLET CONTROL STRUCTURE-1
 COVER=655.0'±
 (IN)(60"HDPE)(SOUTH)=654.5'±
 INV. (OUT)(36"HDPE)=620.5'±

REVISIONS

#	DATE	COMMENTS



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MICHAEL J. CALISE, P.E.
 NEW YORK STATE LIC. NO. 074611

PRELIMINARY

DRAINAGE & UTILITY PLAN
 PREPARED FOR:
 TAX LOTS # 210-4-1.4

41 MANGIN ROAD SUBDIVISION

VILLAGE OF SOUTH BLOOMING GROVE
 TOWN OF BLOOMING GROVE
 ORANGE COUNTY NEW YORK

Michael J. Calise, P.E. & Associates, P.C.
 Civil Engineering & Land Planning Consultants
 41 East Naurauschaun Avenue
 Pearl River, New York 10965
 Phone (845) 629-3743

TAX LOT No.: 210-4-1.4
 TOTAL AREA: 0.96± ACRES (41,873.7± ACRES)
 JOB No.: 2370
 SCALE: 1"=20'
 DATE: 10-05-2023
 SHEET: 4 OF 7

THESE DRAWINGS ARE THE PROPRIETARY WORK PRODUCT AND PROPERTY OF MICHAEL J. CALISE P.E. DEVELOPED FOR THE EXCLUSIVE USE OF MICHAEL J. CALISE, P.E. FOR THIS PROJECT ONLY. USE OF THESE DRAWINGS, CAD FILES AND CONCEPTS CONTAINED THEREIN WITHOUT THE WRITTEN PERMISSION OF MICHAEL J. CALISE, P.E. IS PROHIBITED.

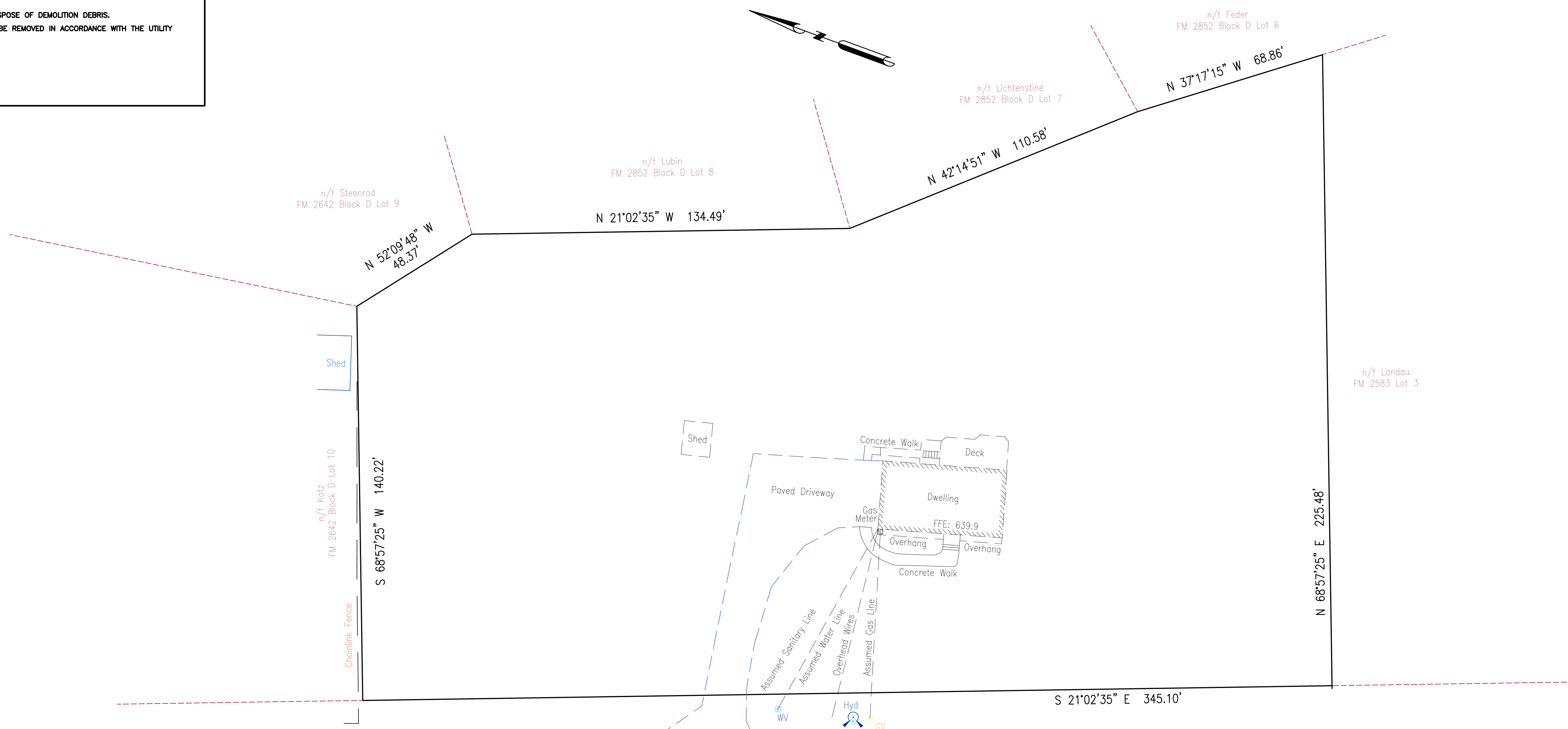
THIS PLAN IS APPROVED ONLY FOR WORK INDICATED ON THE APPLICATION SPECIFICATION SHEET. ALL OTHER MATTERS SHOWN ARE NOT TO BE RELIED UPON OR TO BE CONSIDERED AS EITHER BEING APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

LEGEND

625.0(TC)	DENOTES EXISTING "TOP OF CURB" GRADE	TC	DENOTES EXISTING UTILITY POLE
625.0(DC)	DENOTES EXISTING "TOP CURB" GRADE	DC	DENOTES EXISTING CONCRETE SURFACE
WV	DENOTES EXISTING WATER VALVE	625.0+	DENOTES EXISTING SPOT GRADE
GV	DENOTES EXISTING GAS VALVE	---	DENOTES EXISTING METEORS LIMIT LINE
WH	DENOTES EXISTING WATER MANHOLE	---238---	DENOTES EXISTING CONTOUR LINE
TMH	DENOTES EXISTING TELEPHONE MANHOLE	○○○○○○○○	DENOTES EXISTING STONE WALL
LP	DENOTES EXISTING LIGHT POLE	■	DENOTES PROPOSED STONE
CB	DENOTES EXISTING CATCH BASIN	EC	DENOTES EXISTING UNDERGROUND ELECTRIC CABLE SERVICE
---	DENOTES EXISTING OVERHEAD WIRES	G	DENOTES PROPOSED GAS SERVICE
+217.6	DENOTES EXISTING SPOT GRADE	1" WS	DENOTES 1" WATER SERVICE
TP-1	DENOTES TEST PIT	---	DENOTES PROPOSED SPLIT RAIL FENCE
PH-2	DENOTES PERCOLATION TEST	+ <217.6>	DENOTES PROPOSED SPLIT RAIL FENCE
		---	DENOTES PROPOSED CONTOUR

DEMOLITION NOTES:

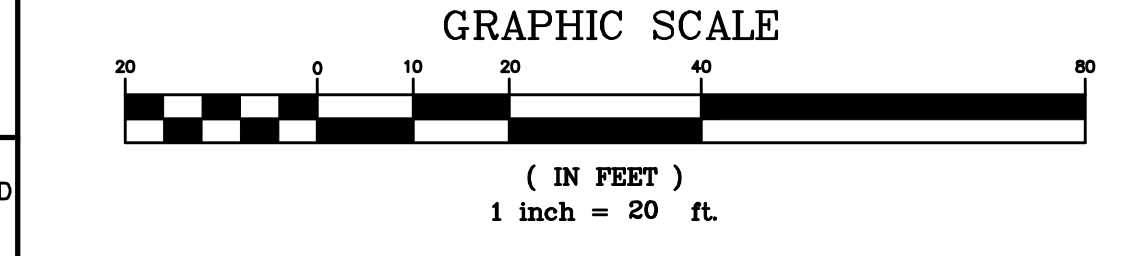
1. CONTRACTOR SHALL COMPLY WITH ALL FEDERAL, STATE, COUNTY AND LOCAL MUNICIPAL REQUIREMENTS.
2. CONTRACTOR SHALL LEGALLY DISPOSE OF DEMOLITION DEBRIS.
3. ALL EXISTING UTILITIES SHALL BE REMOVED IN ACCORDANCE WITH THE UTILITY COMPANY REQUIREMENTS.



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REVISIONS:		
#	DATE	COMMENTS



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MICHAEL J. CALISE, P.E.
NEW YORK STATE LIC. NO. 074611

PRELIMINARY

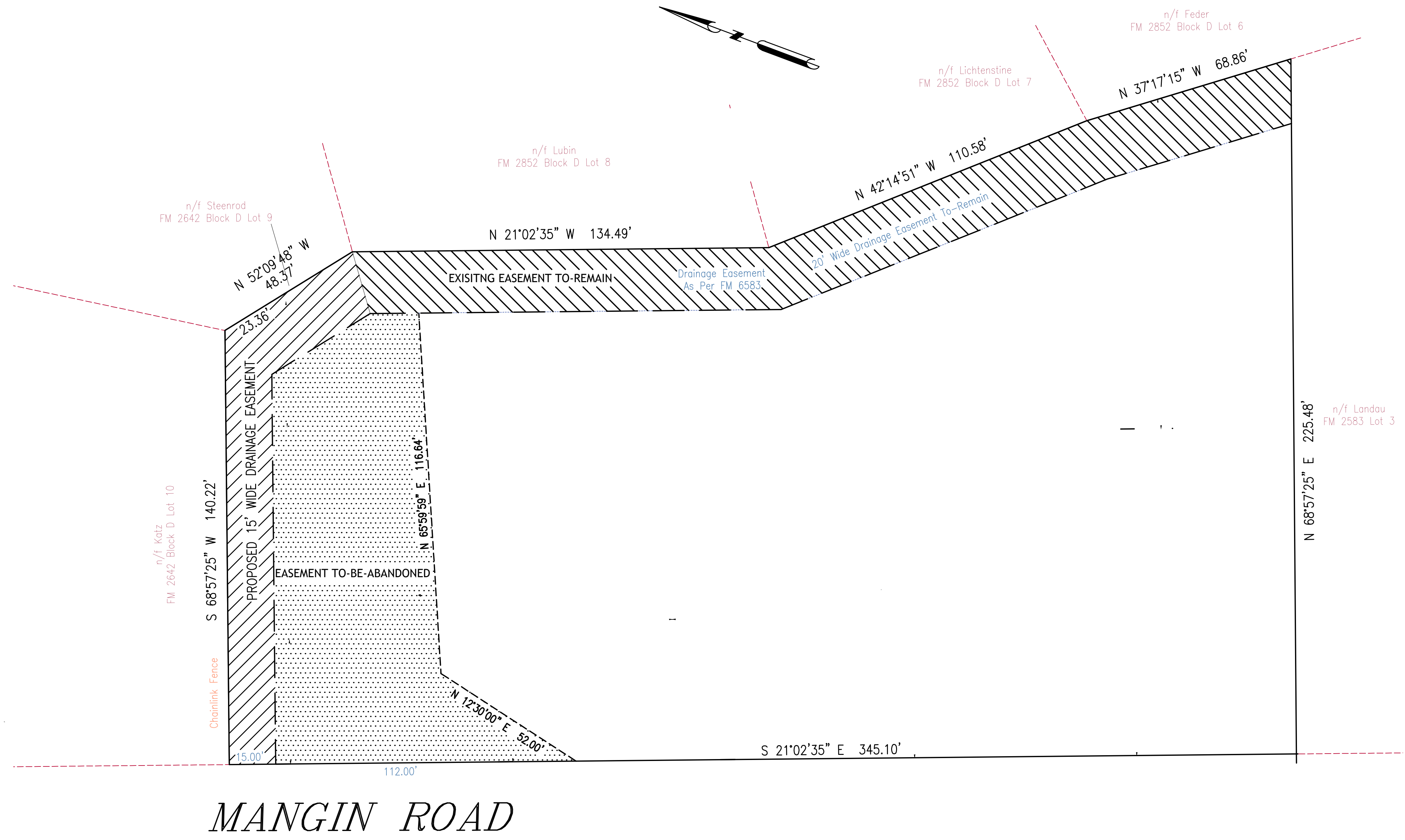
SITE DEMOLITION PLAN PREPARED FOR: TAX LOTS # 210-4-1.4		TAX LOT No.:	210-4-1.4
41 MANGIN ROAD SUBDIVISION		TOTAL AREA:	0.96± ACRES (41,873.7± ACRES)
VILLAGE OF SOUTH BLOOMING GROVE TOWN OF BLOOMING GROVE ORANGE COUNTY NEW YORK		JOB No.:	2370
Michael J. Calise, P.E. & Associates, P.C. Civil Engineering & Land Planning Consultants 41 East Naurauschaun Avenue Pearl River, New York 10965 Phone (845) 629-3743		SCALE:	1"=20'
		DATE:	10-05-2023
		SHEET:	5 OF 7

LEGEND		
625.0(TC)	DENOTES EXISTING "TOP OF CURB" GRADE	
625.0(DC)	DENOTES EXISTING "DROP CURB" GRADE	
WV	DENOTES EXISTING WATER VALVE	625.0+
GV	DENOTES EXISTING GAS VALVE	—W—
WMH	DENOTES EXISTING WATER MANHOLE	—238—
TMH	DENOTES EXISTING TELEPHONE MANHOLE	
LP	DENOTES EXISTING LIGHT POLE	
CB	DENOTES EXISTING CATCH BASIN	—EC—
—	DENOTES EXISTING OVERHEAD WIRES	—G—
+217.6	DENOTES EXISTING SPOT GRADE	—1" WS—
	DENOTES TEST PIT	—SRF—
	DENOTES PERCOLATION TEST	+ <217.6±>
	DENOTES EXISTING UTILITY POLE	
	DENOTES EXISTING CONCRETE SURFACE	
	DENOTES EXISTING SPOT GRADE	
	DENOTES EXISTING WETLANDS LIMIT LINE	
	DENOTES EXISTING CONTOUR LINE	
	DENOTES EXISTING STONE WALL	
	DENOTES PROPOSED STONE	
	DENOTES EXISTING UNDERGROUND ELECTRIC CABLE SERVICE	
	DENOTES PROPOSED GAS SERVICE	
	DENOTES 1" WATER SERVICE	
	DENOTES PROPOSED SPLT RAIL FENCE	
	DENOTES PROPOSED SPLT RAIL FENCE	
	DENOTES PROPOSED CONTOUR	

- SITE SPECIFIC NOTES:**
- THIS IS A SUBDIVISION SITE PLAN PREPARED FOR OF TAX LOT # 210-4-1.4 AS SHOWN ON THE VILLAGE OF SOUTH BLOOMING GROVE TAX MAPS.
 - RECORD OWNER: ELIE MINZ
58 MILVAL LANE
HIGHLAND MILLS, NEW YORK 10930
 - APPLICANT: ELIE MINZ
58 MILVAL LANE
HIGHLAND MILLS, NEW YORK 10930
 - SITE ADDRESS: 41 MANGIN ROAD
MONROE, NEW YORK 10950
 - DEED REFERENCE: DEED BOOK 14829 PAGE 1671.
 - FILED MAP NUMBER LOT DIERNA SUBDIVISION MAP 6583.
 - AREA OF PARCEL: 1.4 ± ACRES (80,984± SQUARE-FEET).
 - ZONING DISTRICT: RESIDENCE B DISTRICT - (RB).
 - EXISTING NUMBER OF LOTS: ONE (1).
 - PROPOSED NUMBER OF LOTS: FIVE (5).
 - EXISTING USE: SINGLE-FAMILY RESIDENTIAL.
 - PROPOSED USE: TWO-FAMILY RESIDENTIAL & SINGLE-FAMILY RESIDENTIAL.
 - SANITARY SEWER DISPOSAL: EXISTING MUNICIPAL CENTRAL SEWER SYSTEM.
 - WATER SUPPLY: EXISTING MUNICIPAL WATER SUPPLY SYSTEM.
 - TOPOGRAPHIC DATUM: APPROXIMATE U.S.G.S. (1' CONTOUR INTERVAL)
 - THIS PLAN DOES NOT CONFLICT WITH THE COUNTY OFFICIAL MAP AND HAS BEEN APPROVED IN THE MANNER SPECIFIED BY SECTION 259k OF THE GENERAL MUNICIPAL LAW.

BOUNDARY AND TOPOGRAPHIC SURVEY REFERENCE:

BOUNDARY AND TOPOGRAPHIC REFERENCE INFORMATION SHOWN TAKEN FROM A MAP ENTITLED SURVEY PREPARED FOR 41 MANGIN ROAD, MONROE, NEW YORK 10950 ~ SECTION 210 ~ BLOCK 4 ~ LOT 1.4 PREPARED BY EDWARD T. GANNON, L.S. DATED OCTOBER 5, 2023.

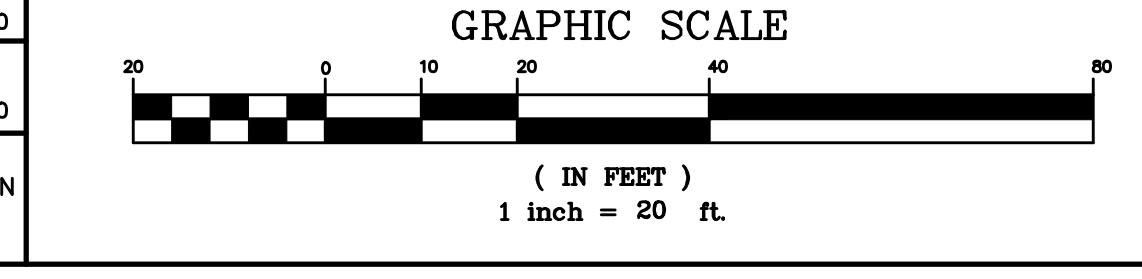


MANGIN ROAD

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REVISIONS:		
#	DATE	COMMENTS



OWNER: ELIE MINZ
58 MILVAL LANE
HIGHLAND MILLS, NEW YORK 10930

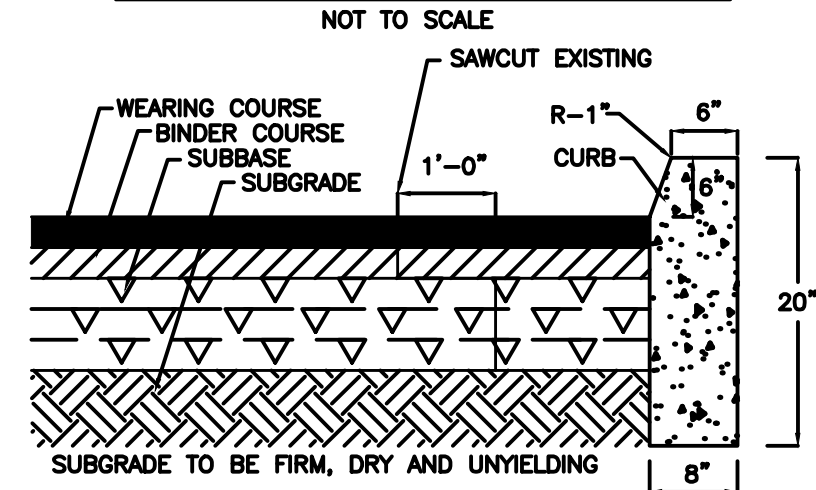
APPLICANT: ELIE MINZ
58 MILVAL LANE
HIGHLAND MILLS, NEW YORK 10930

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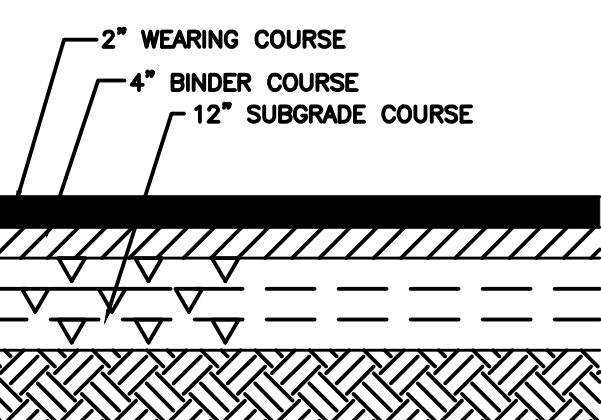
MICHAEL J. CALISE, P.E.
NEW YORK STATE LIC. NO. 074611

PRELIMINARY		TAX LOT No.:
EASEMENT PLAN PREPARED FOR: TAX LOTS # 210-4-1.4		210-4-1.4
41 MANGIN ROAD SUBDIVISION		TOTAL AREA: 0.96± ACRES (41,873.7± ACRES)
VILLAGE OF SOUTH BLOOMING GROVE TOWN OF BLOOMING GROVE ORANGE COUNTY NEW YORK		JOB No.: 2370
Michael J. Calise, P.E. & Associates, P.C. Civil Engineering & Land Planning Consultants Post Office Box 96 Pearl River, New York 10965 Phone (845) 629-3743		SCALE: 1"=20' DATE: 10-15-2023 SHEET: 6 OF 7

CONCRETE CURB DETAIL

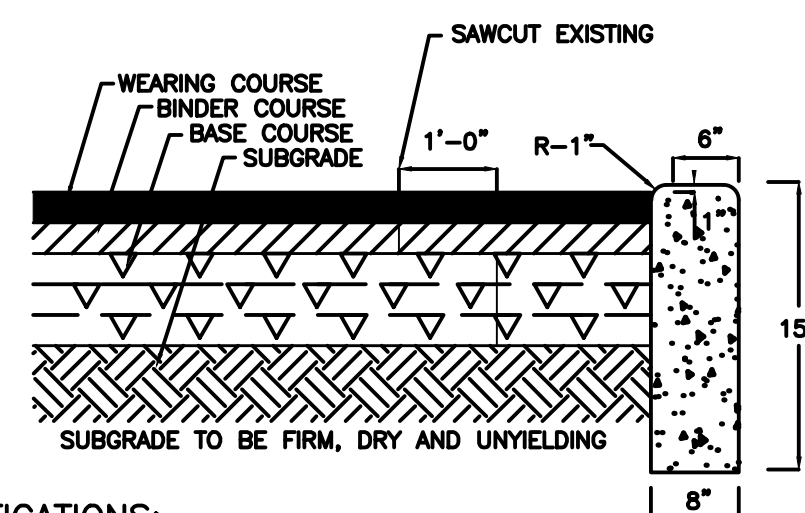


SPECIFICATIONS:
 CURB:
 EXPANSION JOINT: 1/4" NON-EXTRUDING FILLER PLACED IN CURB AT 10' MAX. INTERVALS
 CONCRETE SHALL BE 4,000 P.S.I. AIR ENTRAINED
 EXPANSION JOINT SHALL BE PLACED AT ALL EXISTING AND NEW CURB INTERFACES. WHEN IT IS DETERMINED THAT IT IS IMPRACTICAL TO MEET AT JOINT, EXISTING CURB THE CURB SHALL BE SAW CUT TO MAKE A CLEAN NEW JOINT.
 WEARING COURSE: 2" ASPHALT CONCRETE as per Village requirements
 BINDER COURSE: 4" ASPHALT CONCRETE as per Village requirements
 SUBGRADE: 8" COMPACTED run-of-bank or Gravel.
 PAVEMENT TO CONFORM TO CURRENT D.O.T. AND TOWN SPECIFICATIONS



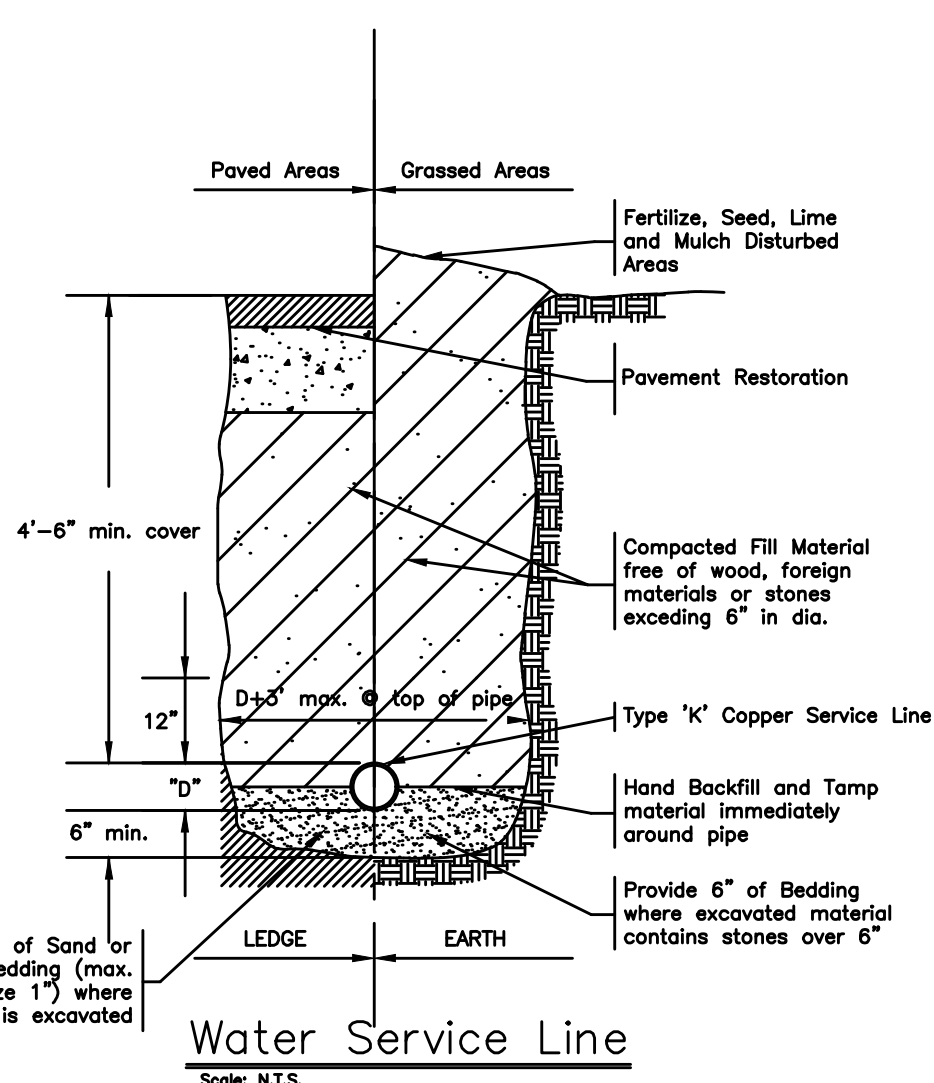
SPECIFICATIONS:
 WEARING COURSE: 2" 2" MINIMUM NYS DOT TYPE 6F TOP COURSE HMA SERIES 80 COMPACTION
 BINDER COURSE: 4" 4" MINIMUM NYS DOT TYPE 6F BINDER COURSE HMA SERIES 80 COMPACTION
 SUBGRADE: 12" SUBGRADE COURSE TYPE 1 (MODIFIED) COMPACTED AS PER PAVEMENT TO CONFORM TO CURRENT D.O.T. AND TOWN SPECIFICATIONS
 MINIMUM TWO (2') CUTBACK IN EXISTING TOP COURSE OF ASPHALT OR AS DIRECTED BY THE VILLAGE ENGINEER OR A VILLAGE REPRESENTATIVE.
 PAVEMENT TO CONFORM TO CURRENT D.O.T. AND TOWN SPECIFICATIONS

VILLAGE PAVEMENT RESTORATION DETAIL



SPECIFICATIONS:
 CURB:
 EXPANSION JOINT: 1/4" NON-EXTRUDING FILLER PLACED IN CURB AT 10' MAX. INTERVALS
 CONCRETE SHALL BE 4,000 P.S.I. AIR ENTRAINED
 EXPANSION JOINT SHALL BE PLACED AT ALL EXISTING AND NEW CURB INTERFACES. WHEN IT IS DETERMINED THAT IT IS IMPRACTICAL TO MEET AT JOINT, EXISTING CURB THE CURB SHALL BE SAW CUT TO MAKE A CLEAN NEW JOINT.
 WEARING COURSE: 2" ASPHALT CONCRETE as per Village requirements
 BINDER COURSE: 4" ASPHALT CONCRETE as per Village requirements
 SUBGRADE: 8" COMPACTED run-of-bank or Gravel.
 PAVEMENT TO CONFORM TO CURRENT D.O.T. AND TOWN SPECIFICATIONS

CONCRETE DROP CURB DETAIL



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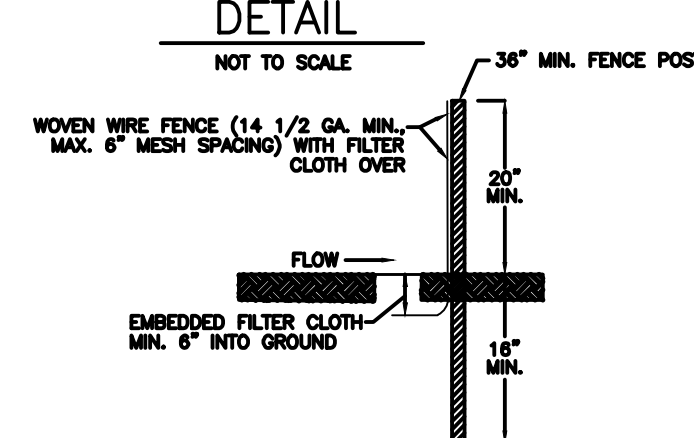
CONSTRUCTION SPECIFICATIONS

1. FILTER FABRIC SHALL HAVE AN EOS OF 40-85. BURLAP MAY BE USED FOR SHORT TERM APPLICATIONS.
 2. CUT FABRIC FROM A CONTINUOUS ROLL TO ELIMINATE JOINTS. IF JOINTS ARE NEEDED THEY WILL BE OVERLAPPED TO THE NEXT STAKE.
 3. STAKE MATERIALS WILL BE STANDARD 2"x4" WOOD OR EQUIVALENT METAL WITH A MINIMUM LENGTH OF 3 FEET.
 4. SPACE STAKES EVENLY AROUND INLET 3 FEET APART AND DRIVE A MINIMUM 18 INCHES DEEP. SPANS GREATER THAN 3 FEET MAY BE BRIDGED WITH THE USE OF WIRE MESH BEHIND THE FILTER FABRIC FOR SUPPORT.
 5. FABRIC SHALL BE EMBEDDED 1 FOOT MINIMUM BELOW THE GROUND AND BACKFILLED. IT SHALL BE SECURELY FASTENED TO THE STAKES AND FRAME.
 6. A 2"x4" WOOD FRAME SHALL BE COMPLETED AROUND THE CREST OF THE FABRIC FOR OVER FLOW STABILITY.
- MAXIMUM DRAINAGE AREA: 1 ACRE

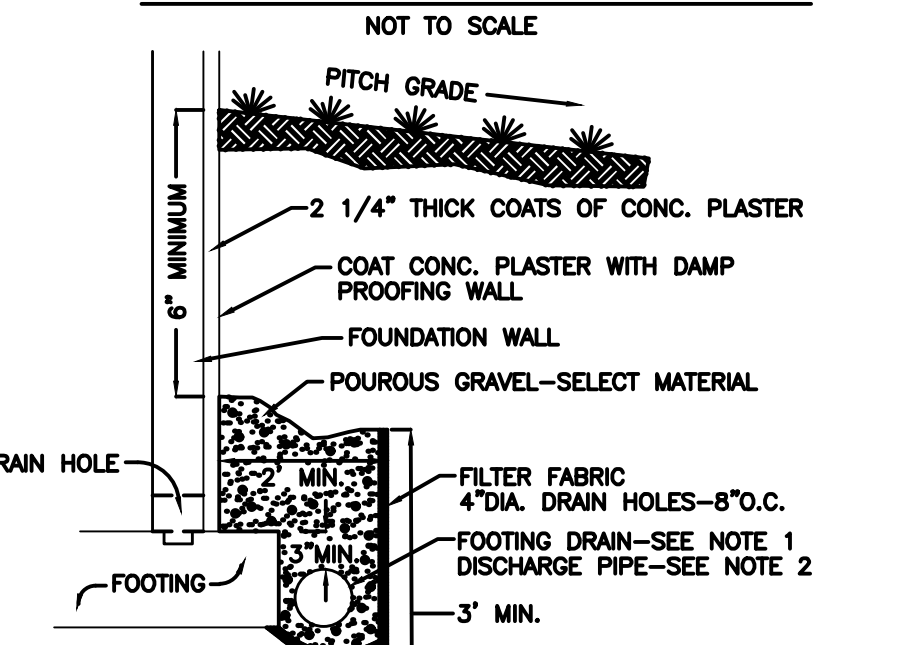
DROP INLET PROTECTION



SILT FENCE DETAIL

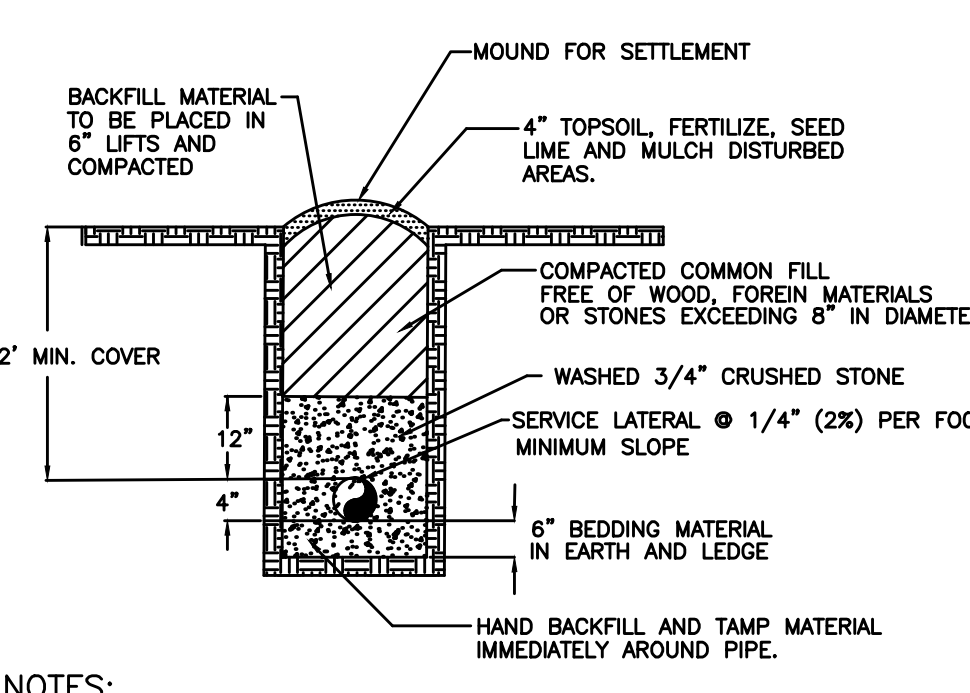


FOOTING DRAIN DETAIL

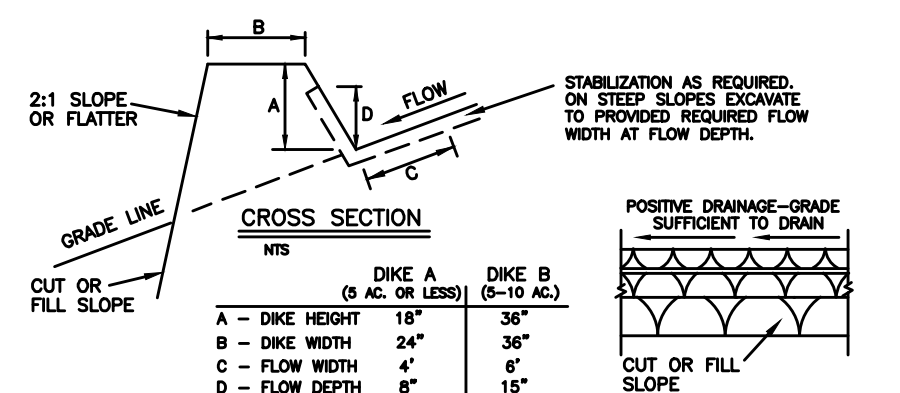


FOOTING DRAIN NOTES:
 1. FOOTING DRAIN: MIN. SLOPE 0.5%; PERFORATED, 4" DIA. P.V.C.; TOP OF PIPE NOT LESS THAN 3" BELOW TOP OF FOOTING, CONNECT TO DISCHARGE PIPE.
 2. DISCHARGE PIPE: MIN. SLOPE 1.0%; 4" DIA. P.V.C. TO STORM DRAIN, CATCH BASIN OR TO GRADE (POSITIVE OUTFALL).
 3. SEE ARCHITECTURAL PLANS FOR FOOTING AND FOUNDATION WALL DESIGN.

GRAVITY HOUSE SEWER TRENCH DETAIL



NOTES:
 1. TRENCH WIDTH SHALL BE 2'-4" MAX. AT TOP OF PIPE.
 2. MINIMUM SLOPE OF SERVICE LATERAL SHALL BE 1/4" PER FOOT OR 2%.



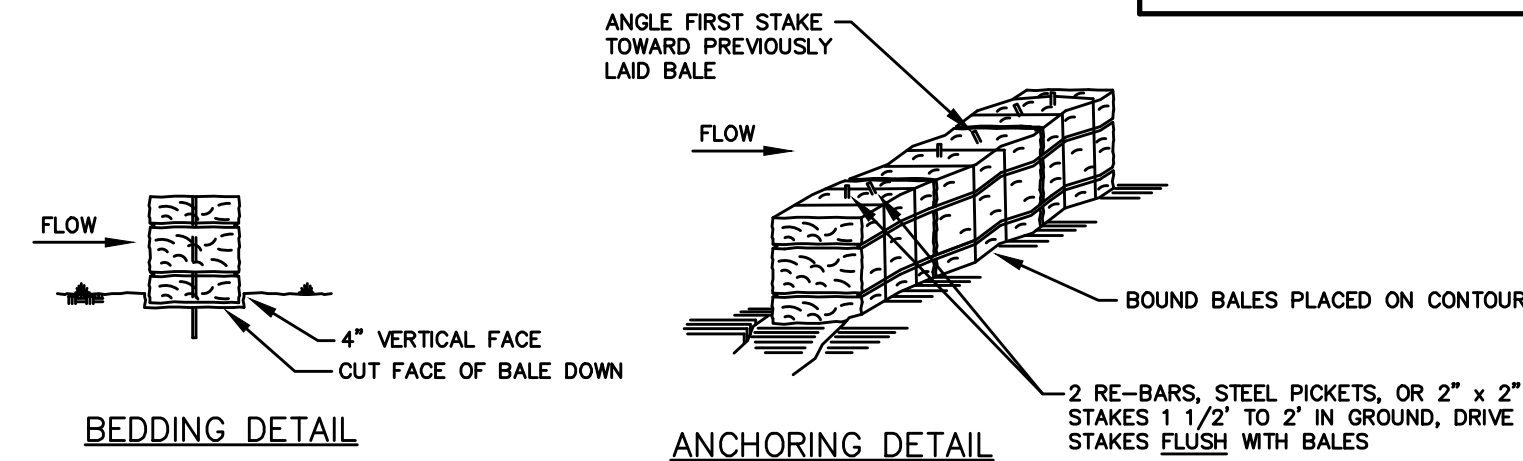
- CONSTRUCTION SPECIFICATIONS**
1. ALL DIKES SHALL BE COMPACTED BY EARTH MOVING EQUIPMENT.
 2. ALL DIKES SHALL HAVE POSITIVE DRAINAGE TO AN OUTLET.
 3. TOP WIDTH MAY BE WIDER AND SIDE SLOPES BE FLATTER IF DESIRED TO FACILITATE CROSSING BY CONSTRUCTION TRAFFIC
 4. FIELD LOCATION SHOULD BE ADJUSTED AS NEEDED TO UTILIZED A STABILIZED SAFE OUTLET.
 5. EARTH DIKES SHALL HAVE AN OUTLET THAT FUNCTIONS WITH A MINIMUM OF EROSION. RUNOFF SHALL BE CONVEYED TO A SEDIMENT TRAPPING DEVICE SUCH AS A SEDIMENT TRAP OR A SEDIMENT BASIN WHERE EITHER THE DIKE CHANNEL, OR THE DRAINAGE AREA ABOVE THE DIKE ARE NOT ADEQUATELY STABILIZED.
 6. STABILIZATION SHALL BE: (A) IN ACCORDANCE WITH STANDARD SPECIFICATIONS FOR SEED AND STRAW MULCH IF NOT IN SEEDING SEASON; (B) FLOW CHANNEL AS PER THE CHART BELOW.

FLOW CHANNEL STABILIZATION

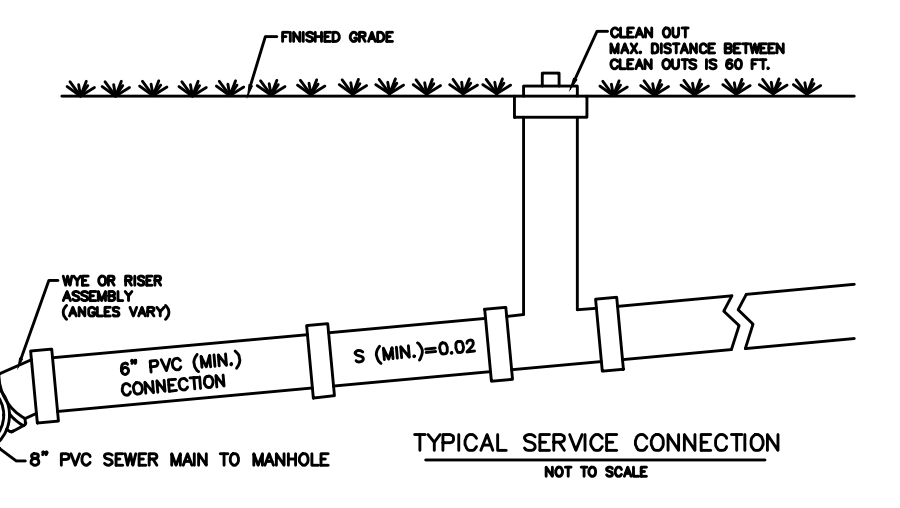
TYPE OF TREATMENT	TYPE OF GRADE	DIKE A	DIKE B
1	0.5-3%	SEED AND STRAW MULCH	SEED AND STRAW MULCH
2	3.1-5%	SEED AND STRAW MULCH	SEED USING JUTE [®] OR EXCELSIOR; SOD; 2" STONE
3	5.1-8%	SEED WITH JUTE OR SOD; 2" STONE	LINED RIPRAP 4"-8"
4	8.1-20%	LINED RIPRAP 4"-8"	ENGINEERING DESIGN

A. STONE TO BE 2 INCH STONE, OR RECYCLED CONCRETE EQUIVALENT, IN A LAYER AT LEAST 3 INCHES IN THICKNESS AND BE PRESSED INTO THE SOIL WITH CONSTRUCTION EQUIPMENT.
 B. RIPRAP TO BE 4-8 INCHES IN A LAYER AT LEAST 8 INCHES THICKNESS AND PRESSED INTO THE SOIL.
 C. APPROVED EQUIVALENTS CAN BE SUBSTITUTED FOR ANY OF THE ABOVE MATERIALS.

EARTH DIKE



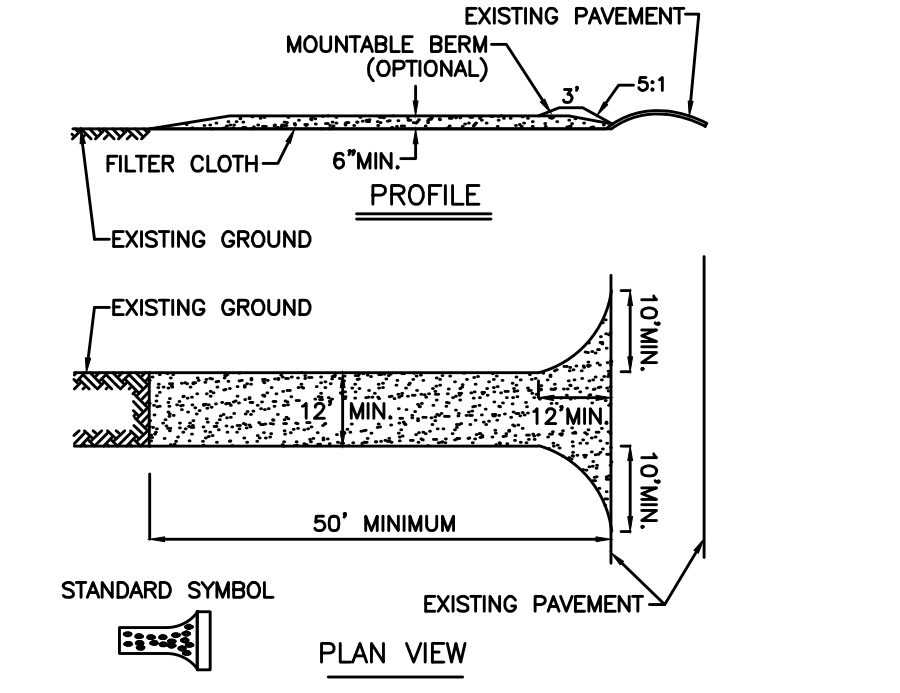
- CONSTRUCTION SPECIFICATIONS**
1. HAY BALE AREAS SHALL BE USED FOR DRAINAGE NO MORE THAN 1/4 AC. PER 100 FEET OF STRAW BALE DIKE AND FOR SLOPES LESS THAN 25%.
 2. BALES SHALL BE PLACED AT THE TOE OF A SLOPE OR ON THE CONTOUR AND IN A ROW WITH ENDS TIGHTLY ABUTTING THE ADJACENT BALES.
 3. EACH BALE SHALL BE EMBEDDED IN THE SOIL A MINIMUM OF (4) INCHES, AND PLACED SO THE BINDINGS ARE HORIZONTAL.
 4. BALES SHALL BE SECURELY ANCHORED IN PLACED BY EITHER TWO STAKES OR RE-BARS DRIVEN THROUGH THE BALE. THE FIRST STAKE IN EACH BALE SHALL BE DRIVEN TOWARD THE PREVIOUSLY LAID BALE AT AN ANGLE TO FORCE THE BALES TOGETHER. STAKES SHALL BE DRIVEN FLUSH WITH THE BALE.
 5. INSPECTION SHALL BE FREQUENT AND REPAIR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
 6. BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.



REVISIONS:

#	DATE	COMMENTS

GRAPHIC SCALE
 (IN FEET)
 1 inch = 20 ft.



CONSTRUCTION SPECIFICATIONS

1. STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH - NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY.)
3. THICKNESS - NOT LESS THAN (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 SITE.
5. FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE.
6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTING BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACED ONTO PUBLIC RIGHTS-OF-WAY MUST BE REMOVED IMMEDIATELY.
8. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

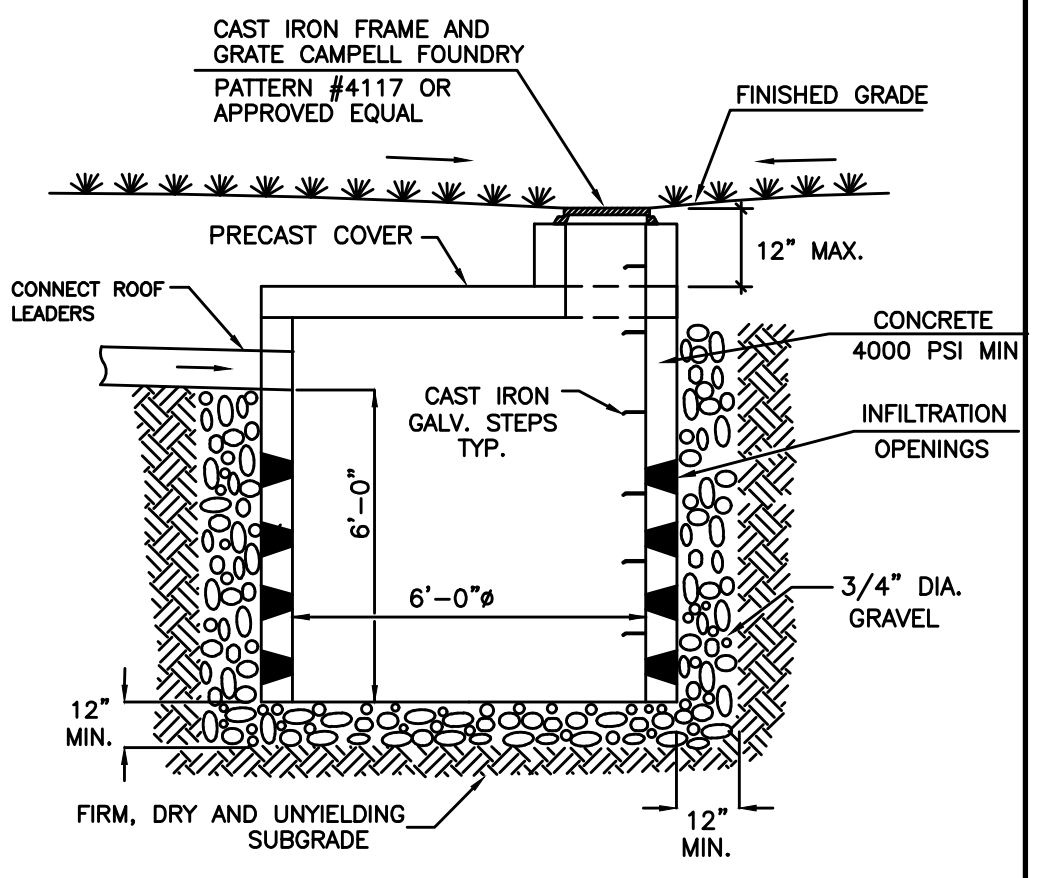
STABILIZED CONSTRUCTION ENTRANCE

SITE SPECIFIC NOTES:

1. THIS IS A PLOT PLAN PREPARED FOR OF TAX LOT # 215-2-3 ON THE VILLAGE OF SOUTH BLOOMING GROVE TAX MAPS.
2. RECORD OWNER: JOHN L. & VALERIE ROSS, 48 DUEK AVENUE, MONROE, NEW YORK 10950
3. APPLICANT: JOHN L. & VALERIE ROSS, 48 DUEK AVENUE, MONROE, NEW YORK 10950
4. SITE ADDRESS: 48 DUEK AVENUE, MONROE, NEW YORK 10950
5. DEED REFERENCE: DEED BOOK 11557 DEED PAGE 383.
6. FILED MAP NUMBER: LOT 24 SECTION 'A', WORLEY PMA (48-2-3)
7. AREA OF PARCEL: 0.414 ACRES (17,859.6 SQUARE-FEET).
8. ZONING DISTRICT: RB - RESIDENCE B DISTRICT.
9. EXISTING USE: SINGLE-FAMILY RESIDENTIAL.
10. PROPOSED USE: SINGLE-FAMILY RESIDENTIAL WITH ACCESSORY.
11. SANITARY SEWER DISPOSAL: EXISTING MUNICIPAL CENTRAL SEWER SYSTEM.
12. WATER SUPPLY: EXISTING MUNICIPAL WATER SUPPLY SYSTEM.
13. TOPOGRAPHIC DATUM: APPROXIMATE U.S.G.S. (2' CONTOUR INTERVAL)

BOUNDARY AND TOPOGRAPHIC SURVEY REFERENCE:

BOUNDARY AND TOPOGRAPHIC INFORMATION SHOWN TAKEN FROM A MAP ENTITLED "SURVEY PREPARED FOR '2 ALAMO COURT' - SECTION 215- BLOCK 3 ~ LOT 11 PREPARED BY EDWARD T. GANNON, P.L.S. SURVEY DATE SEPTEMBER 5, 2023



PRECAST CONCRETE DRYWELL

NOT-TO-SCALE

PRELIMINARY

DETAILS SHEET
 PREPARED FOR:
 TAX LOTS # 210-4-1-4

41 MANGIN ROAD SUBDIVISION

VILLAGE OF SOUTH BLOOMING GROVE
 TOWN OF BLOOMING GROVE
 ORANGE COUNTY NEW YORK

Michael J. Calise, P.E. & Associates, P.C.
 Civil Engineering & Land Planning Consultants
 41 East Naurauschaun Avenue
 Pearl River, New York 10965
 Phone (845) 629-3743

TAX LOT No.: 210-4-1-4
 TOTAL AREA: 0.96± ACRES (41,873.7± SQUARE FEET)
 JOB No.: 2370
 SCALE: 1"=20'
 DATE: 10-05-2023
 SHEET: 7 OF 7

UNAUTHORIZED ALTERATION TO A MAP BEARING A LICENSED N.Y.S. ENGINEER'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2, OF THE NEW YORK STATE EDUCATION LAW. THE CERTIFICATION IS NOT AN EXPRESS OR IMPLIED WARRANTY OR GUARANTEE. IT IS PURELY A STATEMENT OF PROFESSIONAL OPINION BASED ON KNOWLEDGE, INFORMATION AND BELIEF, BASED ON EXISTING FIELD EVIDENCE AND DOCUMENTARY EVIDENCE AVAILABLE. CERTIFICATIONS ARE NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS. COPIES OF THIS PLAN NOT HAVING THE EMBOSSED SEAL OF THE N.Y.S. ENGINEER SHALL NOT BE VALID. PLAN PREPARED PURSUANT TO SECTION 7209m OF THE NEW YORK STATE EDUCATION LAW.

MICHAEL J. CALISE, P.E.
 NEW YORK STATE LIC. NO. 074611