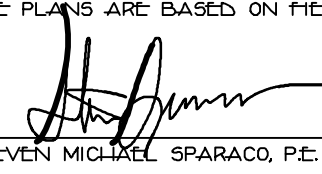
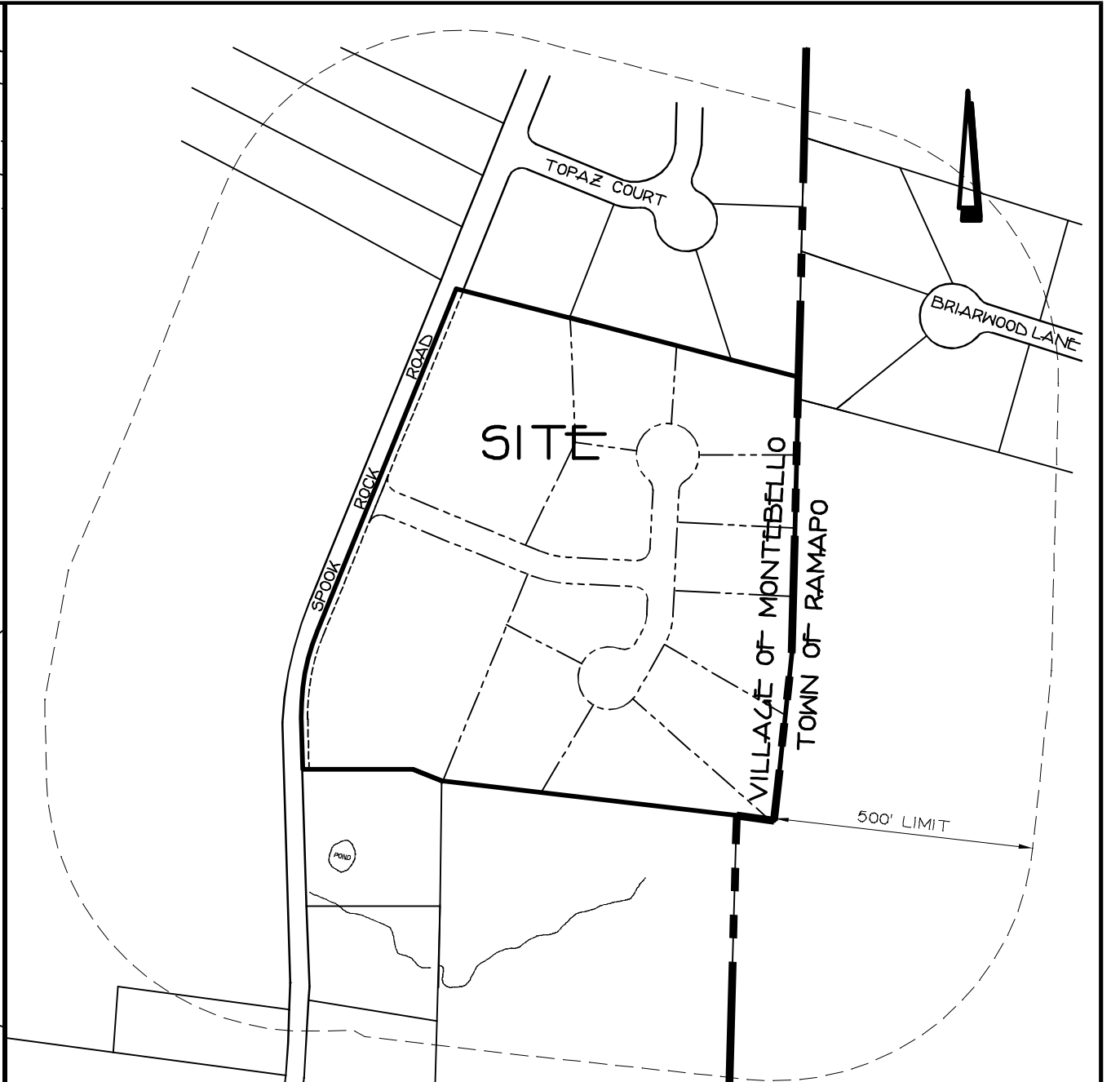
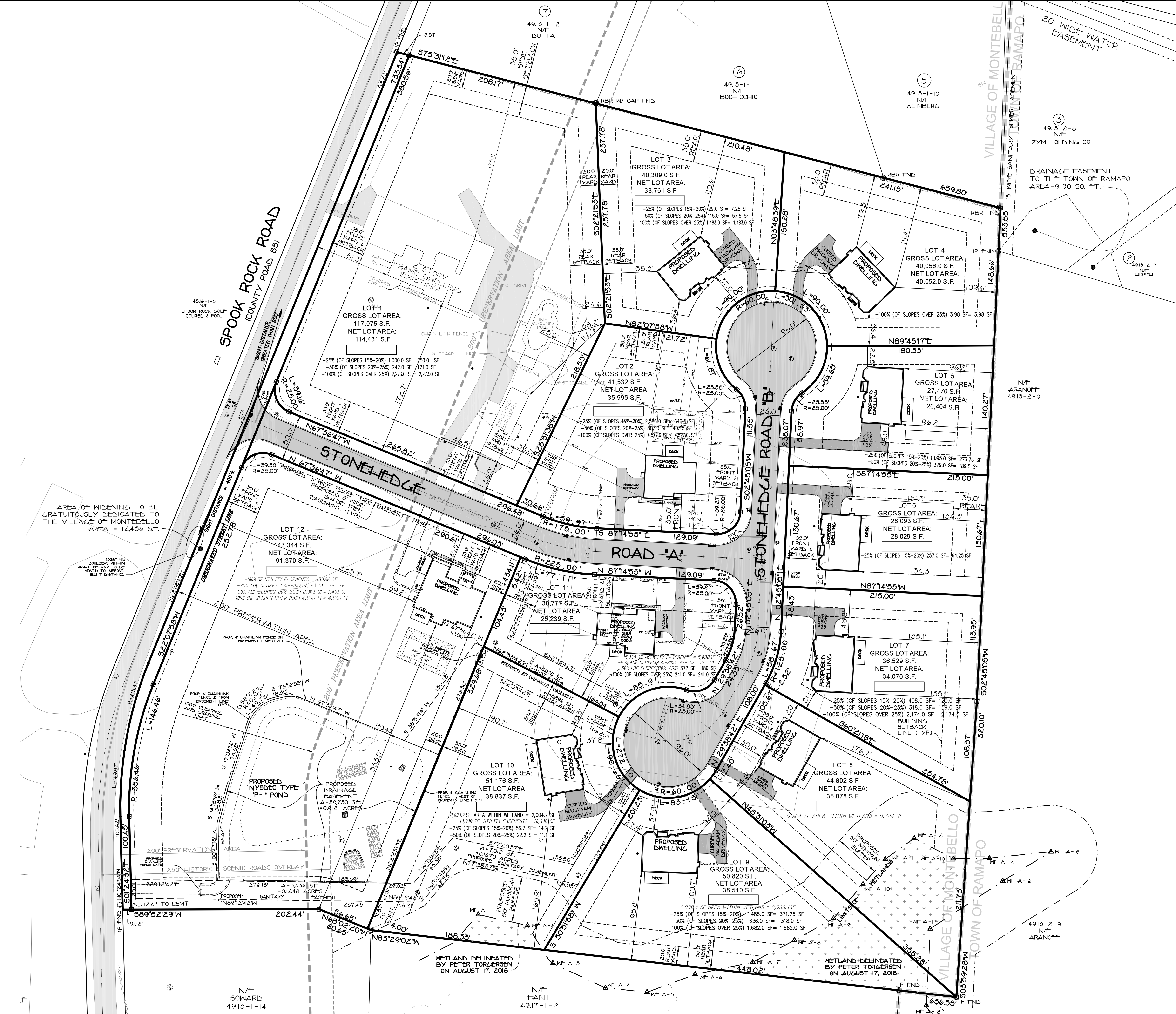


SITE PLAN NOTES:

1. ALL UTILITIES UNDERGROUND. ELECTRIC SERVICE SHALL BE IN CONDUIT OF NOT LESS THAN 2" DIAMETER.
2. THERE ARE NO COVENANTS, DEED RESTRICTIONS, EASEMENTS OR OTHER RESERVATIONS OF LAND RELATIVE TO THIS SITE EXCEPT AS SHOWN ON THIS PLAN SUBJECT TO THE FINDINGS OF A COMPLETE AND UP TO DATE TITLE SEARCH.
3. NO SIGNS OTHER THAN THOSE SHOWN ON THESE DRAWINGS ARE PERMITTED WITHOUT PRIOR APPROVAL OF THE PLANNING BOARD. TENANTS ARE TO BE ADVISED OF THIS.
4. THESE PLANS ARE BASED ON FIELD ENGINEERING DATA AND CERTIFIED HERETO BY:

STEVEN MICHAEL SPARACO, P.E., N.Y. LIC. # 079510
5. ALL CONSTRUCTION TO MEET WITH CURRENT VILLAGE OF MONTEBELLO SPECIFICATIONS.
6. NO BUILDING PERMITS WILL BE ISSUED UNTIL SUCH TIME AS THE EROSION CONTROL MEASURES REQUIRED AS PART OF THE EROSION CONTROL PLAN ARE INSTALLED TO THE SATISFACTION OF THE BUILDING INSPECTOR AND/OR VILLAGE ENGINEER.
7. ALL TRAFFIC SIGNS SHALL CONFORM WITH NYS/DOT MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES.
8. UNDERGROUND UTILITIES ARE SHOWN IN AN APPROXIMATE WAY FROM AVAILABLE INFORMATION. THE CONTRACTOR SHALL CALL THE LOCAL UNDERGROUND FACILITIES PROTECTIVE ORGANIZATION TO HAVE ALL UNDERGROUND UTILITIES MARKED IN THE FIELD PRIOR TO ANY CLEARING, DIGGING OR CONSTRUCTION. THE CONTRACTOR SHALL ALSO VERIFY THE LOCATION AND INVERT OF ALL UTILITIES PRIOR TO ANY CONSTRUCTION. ANY UTILITY FOR WHICH NO EVIDENCE CAN BE SEEN ON THE SURFACE OF THE LANDS MAY NOT BE SHOWN ON THIS DRAWING.
9. CONTRACTOR SHALL PROVIDE CURTAIN DRAINS IN AREAS OF HIGH WATER OR IF BLEEDING BANK CONDITIONS EXIST.
10. IF ANY EXISTING TREES THAT ARE DESIGNATED TO REMAIN ON THESE PLANS ARE DESTROYED DURING CONSTRUCTION OR OTHERWISE THEY SHALL BE REPLACED IN KIND WITH A MINIMUM 4" CALIBER TREE.
11. INSTALLATION OF ALL UTILITIES AND SITE WORK SHALL BE IN CONFORMANCE WITH OSHA REGULATIONS.
12. AN EXTERIOR CHECK VALVE SHALL BE PROVIDED ON THE SOIL LINE IF THE LOWEST FLOOR TO BE SERVED IS BELOW THE UPSTREAM MANHOLE RIM ELEVATION.
13. THE RETAINING WALLS OVER 4 FEET IN HEIGHT SHALL BE INSPECTED BY A NYS LICENSED PROFESSIONAL ENGINEER DURING INSTALLATION AND THE ADEQUACY OF THE RETAINING WALL SHALL BE CERTIFIED IN WRITING PRIOR TO THE ISSUANCE OF THE CERTIFICATE OF OCCUPANCY.
14. ALL HOUSES SHALL BE SERVED BY GRAVITY SEWER CONNECTIONS WITH A MINIMUM SLOPE OF 2.0%.
15. ALL SEWER FEES ARE TO BE PAID TO THE TOWN OF RAMAPO EXCEPT THE IMPACT FEE WHICH IS PAYABLE TO ROCKLAND COUNTY SEWER DISTRICT NO. 1.
16. SANITARY SEWER INFILTRATION AND CONTAMINATION RATE SHALL NOT EXCEED 24 GALLONS PER 24 HOURS PER MILE PER NOMINAL DIAMETER IN HOLES. CERTIFICATES OF OCCUPANCY MAY NOT BE REQUESTED UNTIL ANY OCCUPANCY PERMITTED UNTIL A CERTIFICATE OF COMPLIANCE CERTIFIED BY A LICENSED NEW YORK STATE PROFESSIONAL ENGINEER IS SUBMITTED TO AND APPROVED BY THE TOWN OF RAMAPO. COPIES OF THIS CERTIFICATE SHALL ALSO BE SENT TO THE ROCKLAND COUNTY DEPARTMENT OF HEALTH AND TO THE ROCKLAND COUNTY SEWER DISTRICT NO. 1.
17. ALL MANHOLES SHALL BE SUCCESSFULLY VACUUM TESTED PRIOR TO BEING ACCEPTED BY THE TOWN OF RAMAPO. VACUUM TESTING SHALL BE CONDUCTED IN ACCORDANCE WITH THE TOWN OF RAMAPO'S GUIDELINES. HOWEVER, IF DISTRICT STANDARDS DIFFER FROM TOWN OF RAMAPO'S, THE STRICTER STANDARD WILL APPLY.
18. ALL VEGETATION SHOWN ON THIS PLAN SHALL BE MAINTAINED IN A HEALTHY AND VIGOROUS GROWING CONDITION THROUGHOUT THE DURATION OF THE PROPOSED USE OF THE SITE. ALL VEGETATION NOT SO MAINTAINED SHALL BE REPLACED WITH NEW COMPARABLE VEGETATION AT THE BEGINNING OF THE NEXT GROWING SEASON.
19. DAVE HEIGHT TO COMPLY WITH SECTION D105 OF THE FIRE CODE OF NEW YORK STATE.
20. EXISTING WOOD TRUSS ARCHA AND WOOD FRAME HORSE STABLE HAVE BEEN REMOVED AS CONFIRMED BY BUILDING INSPECTORS FINAL INSPECTION FOR DEMOLITION PERMIT CLOSING ON FEBRUARY 16, 2024.



- NOTES:**
1. THIS IS A SITE PLAN OF LOT 13, BLOCK 1, SECTION 49.13 AS SHOWN ON THE TOWN OF RAMAPO TAX MAP.
 2. AREA OF TRACT - 738,906 S.F. - 16,962.9 AC.
PROP. AREA OF TRACT - TRACT - WIDENING
= 738,906 S.F. - 12,456 S.F.
= 726,450 S.F. - 16,677.0 AC.
 3. ZONE: ER-80
 4. PROPOSED USE: SINGLE FAMILY RESIDENTIAL
 5. RECORD OWNER: STONEHEDGE HEIGHTS CORPORATION
150 EAST ROUTE 59
SPRING VALLEY, NEW YORK 10977
 6. RECORD APPLICANT: STONEHEDGE HEIGHTS CORPORATION
150 EAST ROUTE 59
SPRING VALLEY, NEW YORK 10977
 7. FIRE DISTRICT: TALLMAN FIRE DISTRICT
 8. SCHOOL DISTRICT: RAMAPO CENTRAL
 9. WATER DISTRICT: VEOLIA NORTH AMERICA
 10. SEWER DISTRICT: ROCKLAND COUNTY DISTRICT #1
 11. DATUM: NGVD 1929
 12. THE UNDERSIGNED, OWNER AND/OR APPLICANT, AS A CONDITION OF APPROVAL OF THIS SITE PLAN, HEREBY AGREES TO COMPLETE THE WITHIN SITE DEVELOPMENT PLAN AS DRAWN AND ALL IMPROVEMENTS SHOWN THEREON. THE APPLICANT/OWNER IS AWARE THAT NO CHANGES IN THIS PLAN MAY BE MADE UNLESS APPROVED BY THE PLANNING BOARD.

APPLICANT	DATE
OWNER	DATE

TABLE OF BULK REQUIREMENTS
RURAL PRESERVATION OVERLAY DISTRICT

REQUIRED	LOT AREA (GROSS SQ. FT.)	LOT AREA (NET SQ. FT.)	LOT WIDTH (FT.)	FRONT SETBACK (FT.)	FRONT YARD (FT.)	SIDE SETBACK (FT.)	TOTAL SIDE SETBACK (FT.)	SIDE YARD (FT.)	REAR SETBACK (FT.)	REAR YARD (FT.)	STREET FRONTAGE (FT.)	MAXIMUM BULK BULD. HT.	DEVELOPMENT COVERAGE %	FLOOR AREA RATIO (FAR)
LOT 1	117,075	114,431	272.9	35	35	20	50	20	35	20	90	35	*20	*0.10
LOT 2	41,552	35,995	230.6	35	35	20	50	20	35	20	455.96	35	40	0.20
LOT 3	40,309	38,761	142.5	35	35	20	50	20	35	20	90.00	35	40	0.20
LOT 4	40,056	40,052	142.5	35	35	20	50	20	35	20	90.00	35	40	0.20
LOT 5	27,470	26,404	143.3	35	35	20	50	20	35	20	142.17	35	40	0.20
LOT 6	28,093	28,028	150.7	35	35	20	50	20	35	20	130.67	35	40	0.20
LOT 7	36,529	34,076	125	35	35	20	50	20	35	20	108.25	35	40	0.20
LOT 8	44,802	35,078	125.6	35	35	20	50	20	35	20	122.47	35	40	0.20
LOT 9	50,820	38,510	143.7	35	35	20	50	20	35	20	90.00	35	40	0.20
LOT 10	51,776	42,133	142.5	35	35	20	50	20	35	20	90.00	35	40	0.20
LOT 11	30,777	25,239	172.7	35	35	20	50	20	35	20	433.61	35	40	0.20
LOT 12	143,344	91,370	315.6	35	35	20	50	20	35	20	835.1	35	*20	*0.10

SCHEDULE OF DRAWINGS

- | | | |
|----------|--|----------|
| 1 OF 12 | PLANIMETRIC PLAN | 1" = 50' |
| 2 OF 12 | DRAINAGE, GRADING & UTILITIES PLAN (1 OF 2) | 1" = 30' |
| 3 OF 12 | DRAINAGE, GRADING & UTILITIES (2 OF 2) | 1" = 30' |
| 4 OF 12 | PLANNING, SEDIMENT & EROSION CONTROL AND REMOVALS PLAN | 1" = 30' |
| 5 OF 12 | EXISTING CONDITIONS PLAN | 1" = 50' |
| 6 OF 12 | LANDSCAPE & LIGHTING PLAN | 1" = 50' |
| 7 OF 12 | ROAD PROFILES | AS NOTED |
| 8 OF 12 | STORM PROFILES | AS NOTED |
| 9 OF 12 | SEWER PROFILES | AS NOTED |
| 10 OF 12 | WATER PROFILES | AS NOTED |
| 11 OF 12 | DETAILS (SHEET 1) | AS NOTED |
| 12 OF 12 | DETAILS (SHEET 2) | AS NOTED |

LEGEND

EXISTING	PROPOSED	ITEMS
---	---	PROPERTY LINE
---	---	BUILDING SETBACK LINE
○	○	CLEAN-OUT
○	○	SAN. SEWER MANHOLE
○	○	CLEAN-OUT
○	○	WATER VALVE
○	○	FIRE HYDRANT
○	○	WATER METER PIT
○	○	GAS VALVE
○	○	DRAINAGE MANHOLE
○	○	MHI WITH GRATE
○	○	CATCH BASIN
○	○	UTILITY POLE
○	○	OVERHEAD ELECTRIC

* THE FAR AND DEVELOPMENT COVERAGE FOR LOTS #1 AND #12 HAVE BEEN REDUCED AND LIMITED IN ACCORDANCE WITH THE CONDITIONS OF THE PRELIMINARY SUBDIVISION APPROVAL. THESE LIMITATIONS ARE TO BE SPECIFICALLY DOCUMENTED IN THE RESTRICTIVE COVENANT TO BE FILED FOR THE 200' PRESERVATION AREA ALONG SPOOK ROCK ROAD.

ALL UTILITIES ARE SHOWN IN AN APPROXIMATE WAY FROM AVAILABLE INFORMATION. THE CONTRACTOR SHALL CALL THE LOCAL UNDERGROUND FACILITIES PROTECTIVE ORGANIZATION TO HAVE ALL UNDERGROUND UTILITIES MARKED IN THE FIELD PRIOR TO ANY CLEARING OR ANY CONSTRUCTION. THE CONTRACTOR SHALL ALSO VERIFY THE LOCATION AND INVERT OF ALL UTILITIES PRIOR TO ANY CONSTRUCTION. ANY UTILITY FOR WHICH NO EVIDENCE CAN BE SEEN ON THE SURFACE OF THE LANDS MAY NOT BE SHOWN ON THIS DRAWING.

14 NORTH MAIN STREET
HARRAMAN, NEW YORK 10926
(845) 782-8543

STATE OF NEW YORK
REGISTERED PROFESSIONAL ENGINEER
079510
STEVEN MICHAEL SPARACO



SPARACO & YOUNGBLOOD, PLLC
CIVIL ENGINEERING & LANDSCAPE ARCHITECTURE
18 NORTH MAIN STREET
HARRAMAN, NY 10926
TEL: (845) 782-8543
FAX: (845) 782-8543
WWW.SPACOBLOO.COM

YB-4606
NOV. 4, 2022
1" = 50'

9. CONTRACTOR TO VERIFY LOCATION SIZE AND INVERTS OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.
10. CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES AND HAVE ALL UTILITIES FIELD LOCATED BY RESPECTIVE UTILITY COMPANIES. CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY AND SHALL BE SOLELY RESPONSIBLE FOR MAINTAINING CONTINUOUS UTILITY SERVICE DURING THE ENTIRE CONSTRUCTION PERIOD.
11. ALL EXISTING OFF-SITE PAYMENT, FENCES, CURBS, WALKS AND OTHER FACILITIES DISTURBED BY CONSTRUCTION SHALL BE RESTORED OR REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST.
12. EXISTING UTILITIES & STRUCTURES THAT ARE TO BE REMOVED AND/OR REPLACED SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE.
13. PROJECT SAFETY AND TRAFFIC MAINTENANCE ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
14. UTILITIES AND UTILITY STRUCTURES WHERE LOCATIONS ARE UNKNOWN MAY BE AFFECTED BY THE PROPOSED WORK UPON FINDING SUCH UTILITIES. THE CONTRACTORS RESPONSIBILITY SHALL BE TO NOTIFY THE OWNER AND MAINTAIN CONTINUOUS UTILITY SERVICE DURING THE ENTIRE CONSTRUCTION PERIOD.
15. CONTRACTOR TO COORDINATE WITH ALL COMPANIES TO ASSURE ADEQUATE SUPPLY AND SCHEDULING OF NEW SERVICE WHERE REQUIRED TO FIT THE CONSTRUCTION SCHEDULING AND SEQUENCE TO ASSURE NO SERVICE INTERRUPTIONS.
16. ALL NEW UTILITY SERVICE CONNECTIONS INCLUDING LINES AND EQUIPMENT FOR PROVIDING POWER, PHONE AND COMMUNICATIONS, ARE TO BE INSTALLED UNDERGROUND.
17. THE EXTENT OF THE CONSTRUCTION AND DISTURBANCE AREAS SHALL BE THE MINIMUM REQUIRED TO COMPLETION OF THE PROJECT WITH THE MINIMUM DISTURBANCE ON ADJACENT AREAS AS POSSIBLE.
18. ALL NEW STORM DRAINAGE PIPING TO BE SMOOTH BORE CORRUGATED HIGH DENSITY POLYETHYLENE (HDPE) UNLESS OTHERWISE SPECIFIED.
19. ALL ROOF DRAINS TO BE MINIMUM 4" DIA. SDR 35 PVC PIPE TO BE CONNECTED TO DRAVYLLS WHERE AVAILABLE. IF NOT AVAILABLE, 4" DIA. SDR 35 PVC PIPE TO BE CONNECTED TO 6" DIA. MINIMUM VOLUME OF 1000MA AC-111 (280 PSI) TO BE PROVIDED WITH THE INFILTRATION SYSTEM PLUGS, A MINIMUM OF 2 FEET ABOVE DESIGNER. ALTERNATE INFILTRATION SYSTEMS TO BE APPROVED BY THE DESIGNER. CONTRACTOR TO MAINTAIN CONDITIONS TO ACHIEVE THE MINIMUM VOLUME AS APPROVED BY THE DESIGNER OR VILLAGE ENGINEER.
20. ALL NEW WATER MAINS AND CONNECTIONS TO BE CLASS 4 DWVTYPE IRON PIPE OR AS SPECIFIED BY THE DESIGNER. ALL NEW WATER MAINS AND CONNECTIONS AND RELATED APPURTENANCES TO BE SPECIFIED BY ARCHITECT'S MECHANICAL ENGINEER AND SHALL COMPLY WITH MICHIGAN WATER NEW YORK STANDARD SPECIFICATIONS.
21. ALL SANITARY WATER CONNECTIONS TO BE 6" DIA. CAST IRON PIPE OR AS PER STANDARDS LISTED IN TABLE 702 OF THE NYS PLUMBING CODES WITH A MINIMUM GRADE OF 21 TO THE FIRST CLEAN OUT OUTSIDE THE BUILDING. BEYOND THE FIRST CLEAN OUT, SDR 35 PVC PIPE MAY BE USED IN LIEU OF CAST IRON PIPE.
22. ANY SUBSTITUTIONS TO BE REQUESTED IN WRITING AND APPROVED BY THE DESIGN ENGINEER PRIOR TO CONSTRUCTION.
23. CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS WITH REGARDS TO DEMOLITION AND LEGAL REMOVAL OF EXISTING STRUCTURES, WALLS AND DRIVEWAYS.
24. ANY EXISTING HOUSE CONNECTION PROPOSED TO BE ABANDONED MUST BE PLUGGED BETWEEN THE EDGE OF THE RIGHT-OF-WAY AND THE CURB LINE WITH A PERMANENT WATERTIGHT PLUG OR CAP ENCASED IN CONCRETE.
25. WHERE FINISHED GRADE ELEVATION AT BUILDING WALLS IS LESS THAN 24" BELOW THE FINISHED FLOOR CONSULT WITH ARCHITECT FOR CHANGES IN FOUNDATION AND SILL DESIGN.
26. CONTRACTOR TO OBTAIN AND SUBMIT SHOP DRAWINGS FOR ALL STRUCTURES TO DESIGN ENGINEER FOR REVIEW AND APPROVAL BEFORE MANUFACTURE.
27. RETAINING WALLS SHALL BE LESS THAN 4 FEET IN HEIGHT. RETAINING WALLS MORE THAN 4 FEET IN HEIGHT ARE REQUIRED TO BE DESIGNED BY A CERTIFIED STRUCTURAL ENGINEER.
28. THIS PLAN IS BASED ON ARCHITECTURAL PLANS BY PIRCE OSBORN ARCHITECT DATED JUNE 8, 2021.
29. AN EXTERIOR GLECK VALVE SHALL BE PROVIDED ON THE SOIL LINE IF CAST IRON INVERT IS BELOW THE FINISHED GRADE.
30. A PORTABLE PUMP TO BE USED TO DRAIN THE POND FROM THE PROPOSED PUMP CHAMBER AT THE TIME OF REQUIRED MAINTENANCE.
31. ANY SEWER CONNECTIONS OR SEWER MAINS WITHIN 25 FEET OF AN INFILTRATION PRACTICE MUST BE DESIGNED BY A CERTIFIED STRUCTURAL ENGINEER.
32. WATER CONNECTION TO THE TOWNS GOLF COURSE MUST BE COMPLETED PRIOR TO COMPLETION OF PHASE 1 ROAD CONSTRUCTION AS AGREED.

1. WHEN WORKING AT OR NEAR A LIVE WATER MAIN EVERY EFFORT IS TO BE MADE TO MAINTAIN STABILITY.
2. EXISTING THRUST BLOCKS ARE NOT TO BE REMOVED UNLESS THE WATER MAIN HAS BEEN PROPERLY RESTRAINED USING MEANS ACCEPTABLE TO THE LOCAL WATER COMPANY OR DEPARTMENT.
3. WHEN POSSIBLE A WATER MAIN SHOULD BE TURNED OFF AND PRESSURE RELIEVED BEFORE EXPOSING MAIN.

LEGEND		
EXISTING	PROPOSED	ITEMS
		PROPERTY LINE
		BUILDING SETBACK LINE
		SANITARY SEWER
		SAN SEWER MANHOLE
		SEWER SERVICE
		CLEAN-OUT
		WATER MAIN
		WATER SERVICE
		WATER VALVE
		FIRE HYDRANT
		WATER MAIN PIT
		GAS MAIN
		GAS SERVICE
		GAS VALVE
		DRAIN PIPE
		DRAINAGE MANHOLE
		DRAINAGE MANHOLE
		CATCH BASIN
		UTILITY POLE
		UNDERGROUND UTILITIES
		OVERHEAD ELECTRIC
		10' CONTOUR INTERVAL
		2' CONTOUR INTERVAL
		SPOT GRADE
		WALL & CURB ELEV.

1. REV. PLANS AS PER VILL. 1/11-21	20	SUBJECT TO ALL REQUIREMENTS AND
2. REV. PLANS AS PER VILL. 12-28-21	20	CONDITIONS OF SAID RESOLUTION. ANY CHANGE
3. GENERAL - 7/26/24	20	FRAGILE. MODIFICATION OR REVISION OF THIS PLAN
4. GENERAL - 7/26/24	20	AS APPROVED SHALL VOID THIS APPROVAL. SIGNED
5. REV. FOR FINAL SIGNATURE: 6/28/24	20	THIS DAY OF
6. GENERAL - 7/26/24	20	
7. REV. RAMAPO DPR - 7/26/24	20	
8. GENERAL REVISIONS: 8/16/24	20	
9. CHECK PRINT REV. - 10/17-24	20	
10. ROAD PROFILE & SANI RELOCATION	20	
FIELD CHANGES & WATER REVISIONS	20	
FOR VELDA COMMENTS - 5/2/25	20	
REV. FOR VELDA COMMENTS - 5/2/25	20	
REV. SEWER & STORM DESIGN - 5/24/25	20	
REV. SEWER DESIGN - 4/9/25	20	
REV. INFILTRATION POND - 5/27/25	20	
CHAIRMAN	20	

PROPOSED DRAINAGE GRADING & UTILITIES PLAN
(SHEET 1 OF 2) FOR REVISED SUBDIVISION OF
STONEHEDGE HEIGHTS
LOCATED IN
VILLAGE OF MONTEBELLO
TOWN OF RAMAPO
ROCKLAND COUNTY, NEW YORK

SPARACO & YOUNGBLOOD, PLLC
CIVIL ENGINEERING * LAND SURVEYING


SITE PLANNING
 18 NORTH MAIN STREET
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 SPARCO.STEVE@SLSNY.COM WDL1S1@GMAIL.COM



- GENERAL NOTES:**
- CONTRACTOR TO VERIFY LOCATION, SIZE AND INVERTS OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION.
 - CONTRACTOR SHALL CONTACT ALL UTILITY COMPANIES AND HAVE ALL UTILITIES FIELD LOCATED PRIOR TO CONSTRUCTION. CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY AND SHALL BE SOLELY RESPONSIBLE FOR MAINTAINING CONTINUOUS UTILITY SERVICE AND REPAIRS TO ANY DAMAGE.
 - ALL EXISTING OFF-SITE PAVEMENT, FENCES, CURBS, WALKS AND OTHER FACILITIES DISTURBED BY CONSTRUCTION SHALL BE RESTORED OR REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST.
 - EXISTING UTILITIES & STRUCTURES THAT ARE TO BE REMOVED AND/OR REPLACED SHALL BE REMOVED AND LEGALLY DISPOSED OF BY THE CONTRACTOR.
 - PROJECT SAFETY AND TRAFFIC MAINTENANCE ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
 - UTILITIES AND UTILITY STRUCTURES WARE LOCATIONS ARE UNKNOWN MAY BE AFFECTED BY THE PROPOSED WORK. UPON FINDING SUCH UTILITIES THE CONTRACTOR'S RESPONSIBILITY SHALL BE TO NOTIFY THE OWNER AND MAINTAIN THE UTILITIES IN WORKING ORDER UNTIL THEIR DISPOSITION IS RESOLVED.
 - CONTRACTOR TO COORDINATE WITH ALL COMPANIES TO ASSURE ADEQUATE SUPPLY AND SCHEDULING OF NEW SERVICE WHERE REQUIRED, TO FIT THE CONSTRUCTION SCHEDULING AND SEQUENCE TO ASSURE NO DAMAGE OR DISTURBANCE TO COMPLETED WORK.
 - ALL NEW UTILITY SERVICE CONNECTIONS, INCLUDING LINES AND EQUIPMENT FOR PROVIDING POWER AND/OR COMMUNICATIONS ARE TO BE INSTALLED UNDERGROUND.
 - THE EXTENT OF THE CONSTRUCTION AND DISTURBANCE AREAS SHALL BE THE MINIMUM REQUIRED TO PERFORM THE CONTRACT WORK WITH AS MINIMAL EFFECT ON ADJACENT AREAS AS POSSIBLE.
 - ALL NEW STORM DRAINAGE PIPING TO BE SMOOTH BORE CORRUGATED HIGH DENSITY POLYETHYLENE (HDPE) UNLESS OTHERWISE SPECIFIED.
 - ALL ROOF LEADERS TO BE MINIMUM 4" DIA. SDR 35 PVC PIPE TO BE CONNECTED TO DOWNSPUTS INDICATED ON THE PLANS. OVERFLOW PIPE TO BE 6" DIA. LEDE TO STREET STORM SYSTEMS. A MINIMUM VOLUME OF 0.004 AC-FT. (NO. 10) TO BE PROVIDED WITH INFILTRATION SYSTEM PLACES A MINIMUM OF 2 FEET ABOVE BEDROCK. ALTERNATE INFILTRATION SYSTEMS MAY BE CONSIDERED BASED UPON FIELD CONDITIONS AT TIME OF LOT PLAN SUBMITTAL TO ACHIEVE THE MINIMUM VOLUME AS APPROVED BY THE DESIGN OR VILLAGE ENGINEER.
 - ALL NEW WATER MAINS AND CONNECTIONS TO BE CLASS 94 DUCTILE IRON PIPE OR AS SPECIFIED BY VIOGA WATER NEW YORK. ALL WATER SERVICE CONNECTIONS AND RELATED APPLIANCES TO BE SPECIFIED BY ARCHITECT'S MECHANICAL ENGINEER AND SHALL COMPLY WITH VIOGA WATER NEW YORK STANDARDS.
 - ALL SANITARY HOUSE CONNECTIONS TO BE 6" DIA. CAST IRON PIPE OR AS PER STANDARDS LISTED IN TABLE 702.5 OF THE NYS PLUMBING CODE WITH A MINIMUM GRADE OF 2" TO THE FIRST CLEAN OUT OUTSIDE THE BUILDING. BEYOND THE FIRST CLEAN OUT, SDR 35 PVC PIPE MAY BE USED IN LIEU OF CAST IRON.
 - ANY SUBSTITUTIONS TO BE REQUESTED IN WRITING AND APPROVED BY THE DESIGN ENGINEER PRIOR TO CONSTRUCTION.
 - CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS WITH REGARDS TO DEMOLITION AND LEGAL DISPOSAL OF EXISTING STRUCTURES, WALKS AND DRIVEWAYS.
 - ANY EXISTING HOUSE CONNECTION PROPOSED TO BE ABANDONED MUST BE PLUGGED BETWEEN THE EDGE OF THE SLAB-ON-PY AND THE CURB LINE WITH A PERMANENT WATER-TIGHT PLUG OR CAP ENCASED IN CONCRETE.
 - WHERE FINISHED GRADE ELEVATION AT BUILDING WALL IS LESS THAN 24" BELOW THE FINISHED FLOOR CONSULT WITH ARCHITECT FOR CHANGES IN FOUNDATION AND SILL DESIGN.
 - CONTRACTOR TO OBTAIN AND SUBMIT SEWER DRAWINGS FOR ALL STRUCTURES TO DESIGN ENGINEER FOR REVIEW AND APPROVAL BEFORE MANUFACTURING.
 - REINFORCING WALLS SHALL BE LESS THAN 4 FEET IN HEIGHT. RETAINING WALLS MORE THAN 4 FEET IN HEIGHT ARE REQUIRED TO BE DESIGNED BY A CERTIFIED STRUCTURAL ENGINEER.
 - THIS PLAN IS BASED ON ARCHITECTURAL PLANS BY ERIC OSBORN, ARCHITECT DATED JUNE 8, 2021.
 - AN EXTERIOR CHECK VALVE SHALL BE PROVIDED ON THE SOIL LINE IF CAST IRON INVERT IS BELOW THE UPSTREAM MANHOLE RISE ELEVATION.
 - A PORTABLE PUMP TO BE USED TO DRAIN THE POND FROM THE PROPOSED PUMP CHAMBER AT THE TIME OF REQUIRED MAINTENANCE.
 - ANY SEWER CONNECTIONS OR SEWER MAINS WITHIN 25 FEET OF AN INFILTRATION PRACTICE MUST BE ENCASED IN CONCRETE OR SLEEVED.
 - WATER CONNECTION TO THE TOWN'S GOLF COURSE MUST BE COMPLETED UPON COMPLETION OF PHASE I ROAD CONSTRUCTION AS AGREED.

LEGEND	
EXISTING/PROPOSED	ITEMS
---	PROPERTY LINE
---	BUILDING SETBACK LINE
---	SANITARY SEWER
---	SAN. SEWER MANHOLE
---	SEWER SERVICE
---	CLEAN-OUT
---	WATER MAIN
---	WATER SERVICE
---	WATER VALVE
---	FIRE HYDRANT
---	WATER METER PIT
---	GAS MAIN
---	GAS SERVICE
---	GAS VALVE
---	DRAIN PIPE
---	DRAINAGE MANHOLE
---	DRAINAGE MISC. INGRATE
---	CATCH BASIN
---	UTILITY POLE
---	UNDERGROUND UTILITIES
---	OVERHEAD ELECTRIC
---	10' CONTOUR INTERVAL
---	2' CONTOUR INTERVAL
---	SPOT GRADE
---	WALL & CURB ELEV.

REVISIONS	
1. REV. PLANS AS PER VILL. 11-11-21	APPROVED BY RESOLUTION OF THE PLANNING BOARD OF THE TOWN OF RAMAPO, ON THE DAY OF 20.
2. REV. PLANS AS PER VILL. 12-18-21	SUBJECT TO ALL REQUIREMENTS AND CONDITIONS OF SAID RESOLUTION. ANY CHANGE, ERRATA, MODIFICATION OR REVISION OF THIS PLAN AS APPROVED SHALL VOID THIS APPROVAL. SIGNED THIS DAY OF 20.
3. GENERAL REVISIONS - 5/28/24	
4. REV. FOR FINAL SIGNATURE - 6/28/24	
5. GENERAL REVISIONS - 7/1/24	
6. REV. RAMAPO DPW - 7/26/24	
7. GENERAL REVISIONS - 8/19/24	
8. CHECK PRINT REV. - 10-17-24	
9. ROAD PROFILE & SAN. RELATION FIELD CHANGES / WATER REVISION PER VIOGA COMMENTS - 5/2/25	
10. REV. PER VIOGA COMMENTS - 5/18/25	
11. REV. SEWER & STORM DESIGN - 6/18/25	
12. REV. SEWER DESIGN - 6/18/25	
13. REV. INFILTRATION POND - 5/27/25	

CHAIRMAN _____
CLERK _____

PROPOSED DRAINAGE, GRADING & UTILITIES PLAN
(SHEET 2 OF 2) FOR REVISED SUBDIVISION OF
STONEHEDGE HEIGHTS
LOCATED IN
VILLAGE OF MONTEBELLO
TOWN OF RAMAPO
ROCKLAND COUNTY, NEW YORK
GRAPHIC SCALE

30 0 15 30 60 120

SPARACO & YOUNGBLOOD, PLLC
CIVIL ENGINEERING • LANDSCAPE ARCHITECTURE • SURVEYING
SITE PLANNING

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HARRISMAN, NY 10926
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WWW.SPACOBLO.COM WYLS1@GMAIL.COM

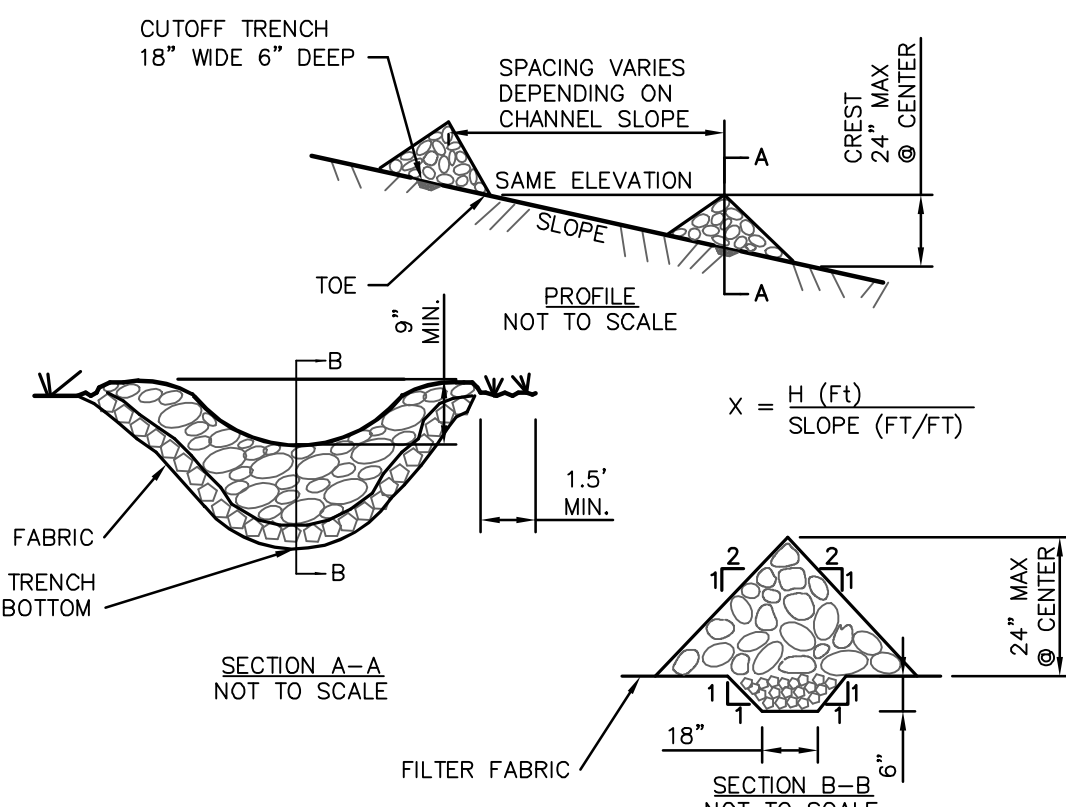
YB-4606
AUG. 4, 2021
1" = 50'
3" OF 12"

WATER MAIN SAFETY NOTES:

- WHEN WORKING AT OR NEAR A LIVE WATER MAIN EVERY EFFORT IS TO BE MADE TO MAINTAIN STABILITY.
- EXISTING TURBID BLOCKS ARE NOT TO BE REMOVED UNLESS THE WATER MAIN HAS BEEN PROPERLY RESTRAINED USING MEANS ACCEPTABLE TO THE LOCAL WATER COMPANY OR DEPARTMENT.
- WHEN POSSIBLE A WATER MAIN SHOULD BE TURNED OFF AND PRESSURE RELIEVED BEFORE EXPOSING MAIN.

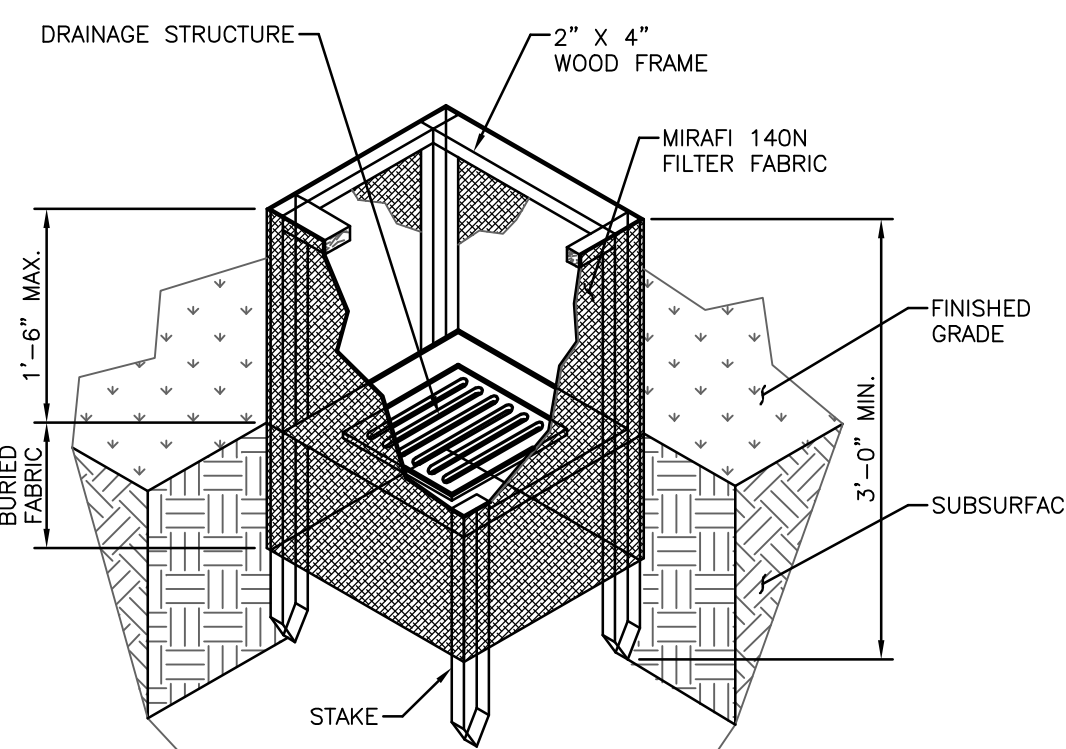
ALL UTILITIES ARE SHOWN IN AN APPROXIMATE WAY FROM AVAILABLE INFORMATION. THE CONTRACTOR SHALL CALL THE LOCAL UNDERGROUND FACILITIES PROTECTIVE ORGANIZATION TO HAVE ALL UNDERGROUND UTILITIES MARKED IN THE FIELD PRIOR TO ANY CLEARING OR ANY CONSTRUCTION. THE CONTRACTOR SHALL ALSO VERIFY THE LOCATION, SIZE AND INVERT OF ALL UTILITIES PRIOR TO ANY CONSTRUCTION. ANY UTILITY FOR WHICH NO EVIDENCE CAN BE SEEN ON THE SURFACE OF THE LANDS MAY NOT BE SHOWN ON THIS DRAWING.

14 INCHOR PART 103
REGISTERED PROFESSIONAL ENGINEER
DIG & SAFETY NEW YORK
1-800-962-7962



- CONSTRUCTION SPECIFICATIONS**
1. STONE WILL BE PLACED ON A FILTER FABRIC FOUNDATION TO THE LINES, GRADES AND LOCATIONS SHOWN IN THE PLAN.
 2. SET SPACING OF CHECK DAMS TO ASSUME THAT THE ELEVATIONS OF THE CREST OF THE DOWNSTREAM DAM IS AT THE SAME ELEVATION OF THE TOE OF THE UPSTREAM DAM.
 3. EXTEND THE STONE A MINIMUM OF 1.5 FEET BEYOND THE DITCH BANKS TO PREVENT CUTTING AROUND THE DAM.
 4. PROTECT THE CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH STONE OR LINER AS APPROPRIATE.
 5. ENSURE THAT CHANNEL APPURTENANCES SUCH AS CULVERT ENTRANCES BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONE.
 6. MAXIMUM DRAINAGE AREA 2 ACRES.
 7. SYMBOL:

TEMPORARY CHECK DAM
N.T.S.



- NOTES:**
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" X 4" WOOD OR EQUIVALENT METAL WITH A MINIMUM LENGTH OF 3 FEET.
 4. STAKE STAKES EVENLY AROUND INLET 3 FEET APART AND DRIVE A MINIMUM 18 INCHES DEEP. SPACES 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 GROUND AND BACKFILLED. IT SHALL BE SECURELY PASTED TO THE STAKES AND FRAME.
 6. A 2" X 4" WOOD FRAME SHALL BE COMPLETED AROUND THE CREST OF THE FABRIC FOR OVER FLOW STABILITY.

FIELD INLET PROTECTION DETAIL
N.T.S.

EROSION CONTROL INFORMATION

EROSION AND SEDIMENT CONTROL PLAN - CONSTRUCTION SEQUENCE

1. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IN PLACE PRIOR TO ANY GRADING OPERATIONS AND INSTALLATION OF PROPOSED STRUCTURES OR UTILITIES.
2. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL REMAIN IN PLACE AND BE MAINTAINED UNTIL CONSTRUCTION IS COMPLETED AND/OR STABILIZED.
3. INSTALL STABILIZED CONSTRUCTION ENTRANCE AS INDICATED ON PLAN.
4. INSTALL SILT FENCE DOWN SLOPE OF ALL AREAS TO BE DISTURBED AND DOWN SLOPE OF ALL AREAS DESIGNATED FOR TOPSOIL STOCKPILING.
5. CONSTRUCT BERM, TEMPORARY SHALES AND PILES AS NECESSARY TO DIRECT RUNOFF TO TEMPORARY SEDIMENTATION ENTRAPMENT AREAS.
6. CLEAR EXISTING TREES, VEGETATION AND EXISTING STRUCTURES FROM AREAS TO BE FILLED OR EXCAVATED. STRIP AND STOCKPILE TOPSOIL FROM AREAS TO BE DISTURBED. SEED STOCKPILED TOPSOIL WITH TEMPORARY RYE GRASS COVER.
7. PERFORM EXCAVATION AND FILL TO BRING LAND TO DESIRED GRADE. ANY DISTURBED AREAS TO REMAIN BARE SHOULD BE SEEDS WITH TEMPORARY RYE GRASS.
8. INSTALL UNDERGROUND UTILITIES, MANHOLES AND CATCH BASINS. GRATES OF CURBS AND FIELD INLETS SHOULD BE LEFT AT ELEVATIONS WHICH PERMIT PROPER COLLECTION OF SURFACE RUNOFF.
9. INSTALL INLET PROTECTION AT CURBS AND FIELD INLETS.
10. CONSTRUCT CURBS AND INSTALL BARS AND BINDER COURSES OF PAVED AREAS. RAISE GRATES OF THE CURBS AND FIELD INLETS ACCORDINGLY.
11. COMPLETE THE GRADING.
12. INSTALL SURFACE COURSE OF PAVEMENT. RAISE GRATES OF CURBS AND FIELD INLETS TO FINAL ELEVATION.
13. UPON COMPLETION OF CONSTRUCTION ALL DISTURBED AREAS ARE TO BE SEEDS WITH 1/2 LB. OF RYE GRASS PER 1000 SQUARE FEET OF DISTURBED AREA. ALL TEMPORARY DEVICES SHALL BE REMOVED AND THE AFFECTED AREAS REGRADED, PLANTED OR TREATED IN ACCORDANCE WITH THE APPROVED SITE PLANS.
14. FOR INDIVIDUAL LAWS & SEPTIC CONSTRUCTION FOLLOW STEPS #1 TO #13 WHERE APPLICABLE.
15. BARE SOIL SHOULD BE SEEDS WITHIN 14 DAYS OF EXPOSURE. WHENEVER CONSTRUCTION IS SUSPENDED OR COMPLETED AREAS SHOULD BE SEEDS DOWN OR MULCHED IMMEDIATELY. UPON COMPLETION A PERENNIAL MIX NEEDS TO BE USED TO ENSURE CONTINUAL STABILIZATION.

STANDARD EROSION CONTROL NOTES

AN EROSION CONTROL SYSTEM WILL BE UTILIZED BY THE DEVELOPER TO MINIMIZE THE PRODUCTION OF SEDIMENT FROM THE SITE. METHODS TO BE UTILIZED WILL BE THOSE FOUND MOST EFFECTIVE FOR THE SITE AND SHALL INCLUDE ONE OR MORE OF THE FOLLOWING, AS APPLICABLE:

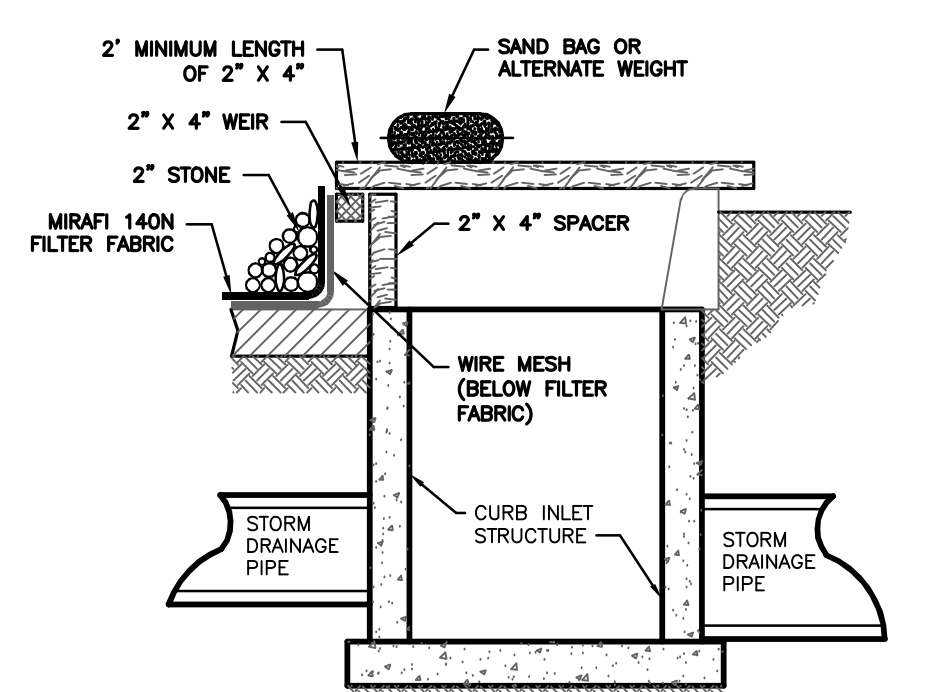
1. TEMPORARY SEDIMENTATION ENTRAPMENT AREAS SHALL BE PROVIDED AT KEY LOCATIONS TO INTERCEPT AND CLARIFY SILT LADEN RUNOFF FROM THE SITE. THESE MAY BE EXCAVATED OR MAY BE CREATED UTILIZING EARTHEN BERMS, RIP-RAP, CRUSHED STONE DAMS OR OTHER SUITABLE MATERIALS. DIVERSION SHALES, BERM, OR OTHER CHANNELIZATION SHALL BE CONSTRUCTED TO INSURE THAT ALL SILT LADEN WATERS ARE DIRECTED INTO THE ENTRAPMENT AREAS WHICH SHALL BE CLEARED PERIODICALLY DURING THE COURSE OF CONSTRUCTION. THE COLLECTED SILT SHALL BE DEPOSITED IN AREAS SAFE FROM FURTHER EROSION.
2. ALL DISTURBED AREAS EXCEPT ROADWAYS WHICH WILL REMAIN UNFINISHED FOR MORE THAN 14 DAYS SHALL BE TEMPORARILY SEEDS WITH 1/2 LB. OF RYE GRASS OR MULCHED WITH 100 LBS. OF STRAW OR HAY PER 1000 SQUARE FEET. ROADWAYS SHALL BE STABILIZED AS RAPIDLY AS PRACTICAL BY INSTALLATION OF THE BARE COURSE.
3. SILT THAT LEAVES THE SITE IN SITU OF THE REQUIRED PRECAUTIONS SHALL BE REMOVED AND THE AFFECTED AREAS REGRADED, PLANTED, OR TREATED IN ACCORDANCE WITH THE APPROVED SITE PLANS.
4. AT THE COMPLETION OF THE PROJECT, ALL TEMPORARY SILTATION DEVICES SHALL BE REMOVED AND THE AFFECTED AREAS REGRADED, PLANTED, OR TREATED IN ACCORDANCE WITH THE APPROVED SITE PLANS.
5. PROVIDE INLET PROTECTION TO ALL INLETS ON SITE. (SEE DETAIL)

ALL UTILITIES ARE SHOWN IN AN APPROXIMATE WAY FROM AVAILABLE INFORMATION. THE CONTRACTOR SHALL CALL THE LOCAL UNDERGROUND FACILITIES PROTECTIVE ORGANIZATION TO HAVE ALL UNDERGROUND UTILITIES MARKED IN THE FIELD PRIOR TO ANY CLEARING OR ANY CONSTRUCTION. THE CONTRACTOR SHALL ALSO VERIFY THE LOCATION, SIZE AND DEPTH OF ALL UTILITIES PRIOR TO ANY CONSTRUCTION. ANY UTILITY FOR WHICH NO EVIDENCE CAN BE SEEN ON THE SURFACE OF THE LANDS MAY NOT BE SHOWN ON THIS DRAWING.

1-800-962-7362

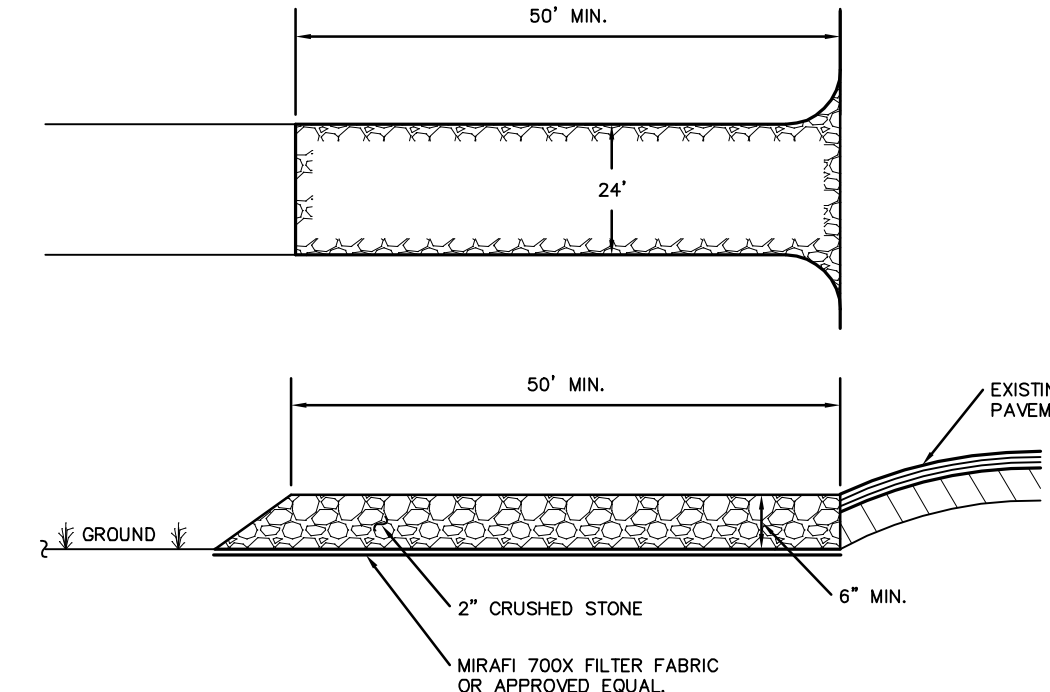


EXISTING	PROPOSED	ITEMS
---	---	PROPERTY LINE
---	---	BUILDING SETBACK LINE
---	---	SANITARY SEWER
---	---	SAN. SEWER MANHOLE
---	---	SEWER SERVICE
---	---	CLEAN-OUT
---	---	WATER MAIN
---	---	WATER SERVICE
---	---	WATER VALVE
---	---	FIRE HYDRANT
---	---	WATER METER PIT
---	---	GAS MAIN
---	---	GAS VALVE
---	---	DRAIN PIPE
---	---	DRAINAGE MANHOLE
---	---	DRYWELL PIT
---	---	CATCH BASIN
---	---	UTILITY POLE
---	---	UNDERGROUND UTILITIES
---	---	OVERHEAD ELECTRIC
---	---	10' CONTOUR INTERVAL
---	---	2' CONTOUR INTERVAL
---	---	SPOT GRADE
---	---	WALL & CURB ELEV.



- NOTES:**
1. FILTER FABRIC SHALL HAVE AN EOS OF 40-85.
 2. WOODEN FRAME SHALL BE CONSTRUCTED OF 2" X 4" CONSTRUCTION GRADE LUMBER.
 3. WIRE MESH ACROSS THROAT SHALL BE A CONTINUOUS PIECE 30 INCH MINIMUM WIDTH WITH A LENGTH 4 FEET LONGER THAN THE THROAT. IT SHALL BE SHAPED AND SECURELY NAILED TO A 2" X 4" WEIR.
 4. THE WEIR SHALL BE SECURELY NAILED TO 2" X 4" SPACERS 9 INCHES LONG SPACED NO MORE THAN 6 FEET APART.
 5. THE ASSEMBLY SHALL BE PLACED AGAINST THE INLET AND SECURED BY 2" X 4" ANCHORS 2 FEET LONG EXTENDING ACROSS THE TOP OF THE INLET AND HELD IN PLACE BY SAND BAGS OR ALTERNATE WEIGHTS.

CURB INLET PROTECTION DETAIL
N.T.S.



- NOTES:**
1. ENTRANCE SHALL BE MAINTAINED AS CONDITIONS DEMAND TO PREVENT TRACKING OF SEDIMENT ONTO PUBLIC ROADS.

STABILIZED CONSTRUCTION ENTRANCE
N.T.S.

REVISIONS	APPROVED BY RESOLUTION OF THE PLANNING BOARD OF THE TOWN OF RAMAPO, NEW YORK
1. REV. PLANS AS PER VILL. 11-11-21	20
2. REV. PLANS AS PER VILL. 12-28-21	20
3. REV. PLANS AS PER VILL. 12-28-21	20
4. REV. PLANS AS PER VILL. 12-28-21	20
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15. REV. PLANS AS PER VILL. 12-28-21	20
16. REV. PLANS AS PER VILL. 12-28-21	20
17. REV. PLANS AS PER VILL. 12-28-21	20
18. REV. PLANS AS PER VILL. 12-28-21	20
19. REV. PLANS AS PER VILL. 12-28-21	20
20. REV. PLANS AS PER VILL. 12-28-21	20

PHASING, SEDIMENT & EROSION CONTROL AND TREE REMOVALS PLAN FOR REVISED SUBDIVISION OF **STONELEDGE HEIGHTS**

LOCATED IN VILLAGE OF MONTEBELLO, TOWN OF RAMAPO, ROCKLAND COUNTY, NEW YORK

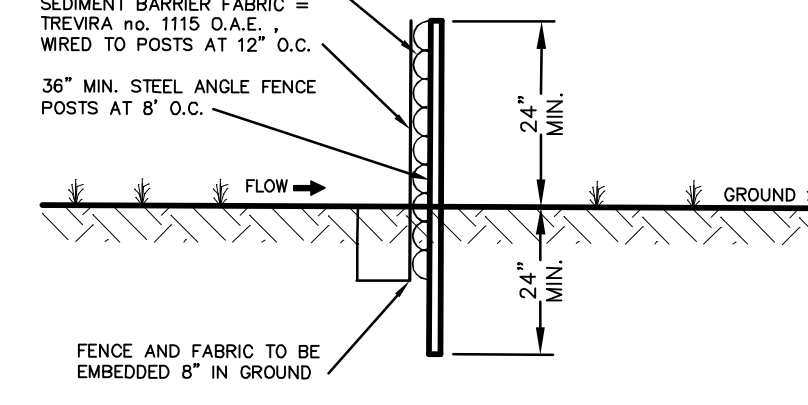
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STEVEN M. SPARACO, PE
18 NORTH MAIN STREET
HARRISMAN, NEW YORK 10926
(845) 782-8543

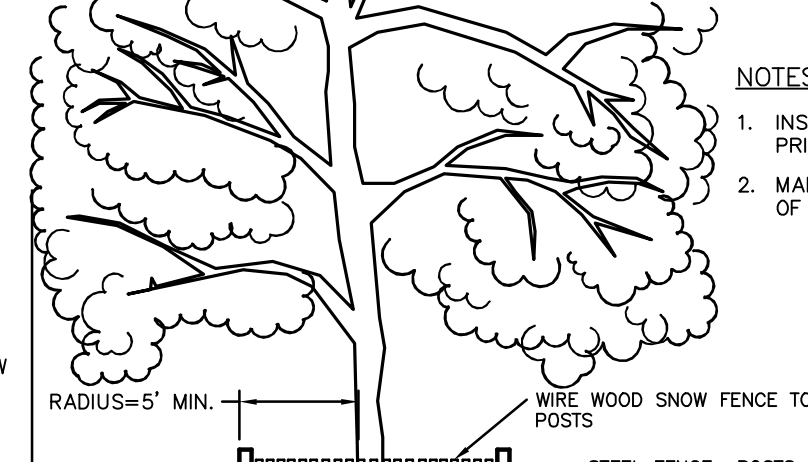
CHAIRMAN
CLERK

YB-4606
AUG. 4, 2021
1" = 50'
4" = 12'



- NOTES:**
1. THIS FENCE IS AN ALTERNATE TO HAY BALE SEDIMENT BARRIER.
 2. MAINTAIN FENCE TO INSURE SEDIMENT ENTRAPMENT QUALITIES DURING CONSTRUCTION.
 3. REMOVE EXCESS SILT PERIODICALLY AND WHEN BULGES DEVELOPE.
 4. FENCE SYMBOL ON PLAN

SEDIMENT BARRIER FENCE
N.T.S.



- NOTES:**
1. INSTALL SNOW FENCE TREE PROTECTION PRIOR TO ANY CLEARING OR EXCAVATION.
 2. MAINTAIN SNOW FENCE FOR THE DURATION OF THE CONSTRUCTION PERIOD.

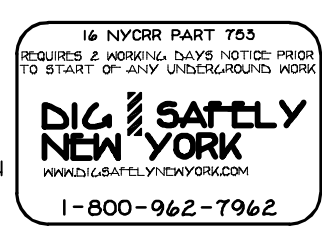
TREE PROTECTION DETAIL
N.T.S.

TREE LEGEND	
	EXISTING TREE TO REMAIN
	EXISTING TREE TO BE REMOVED



LEGEND		
EXISTING/PROPOSED	ITEMS	
---	PROPERTY LINE	
- - -	BUILDING SETBACK LINE	
■	CONCRETE MONUMENT	
⊙	SAN. SEWER MANHOLE	
⊕	CLEAN-OUT	
⊖	DRAINAGE MANHOLE	
⊗	CATCH BASIN	
⊘	WATER VALVE	
⊙	GAS VALVE	
⊙	UTILITY POLE	
—	OVERHEAD ELECTRIC	
—	WIRE	

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REVISIONS

EXISTING CONDITIONS PLAN
OF
STONEHEDGE HEIGHTS
LOCATED IN
VILLAGE OF MONTEBELLO
TOWN OF RAMAPO
ROCKLAND COUNTY, NEW YORK

50 40 30 20 10 0 50 100 150
GRAPHIC SCALE

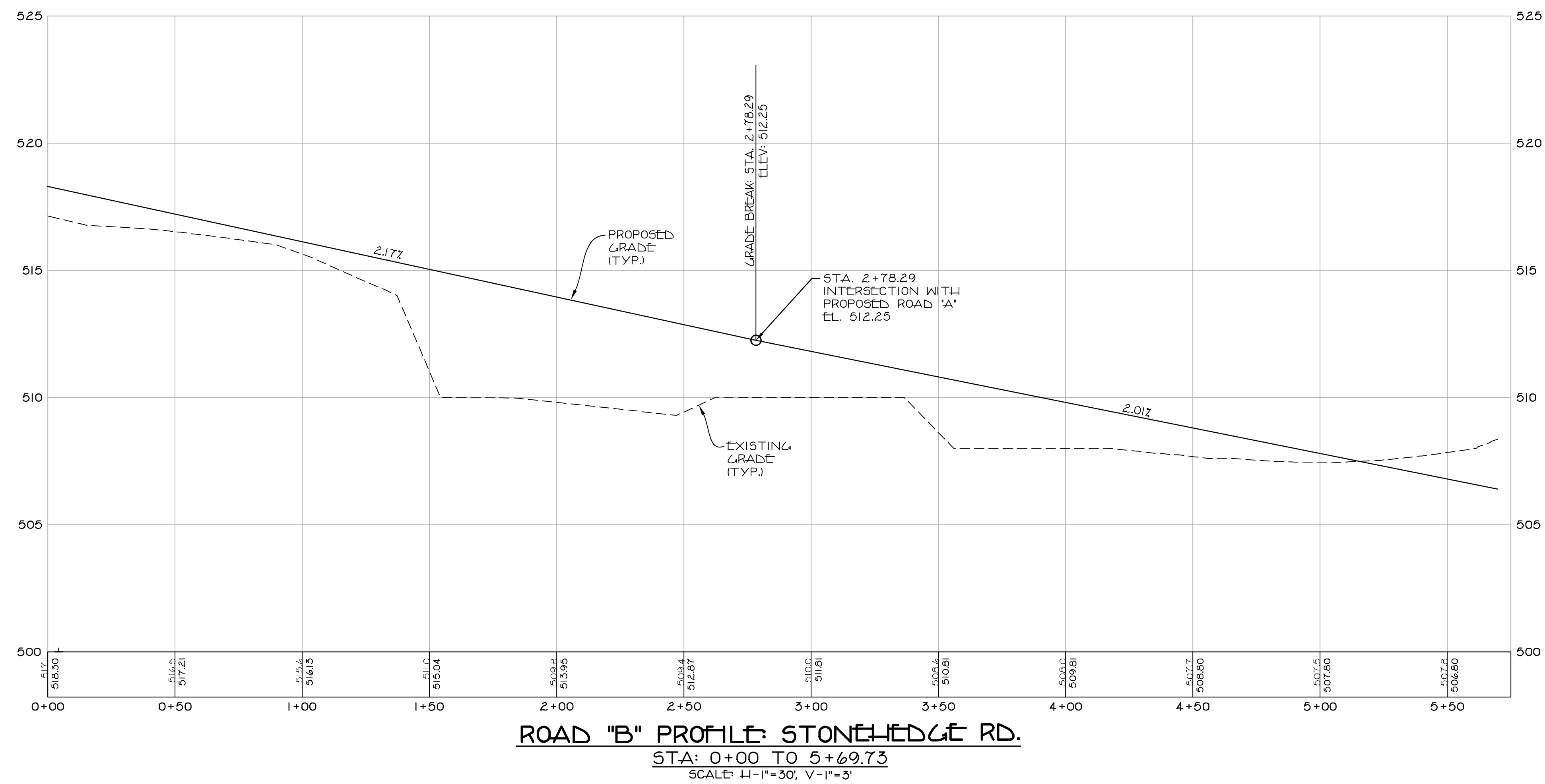
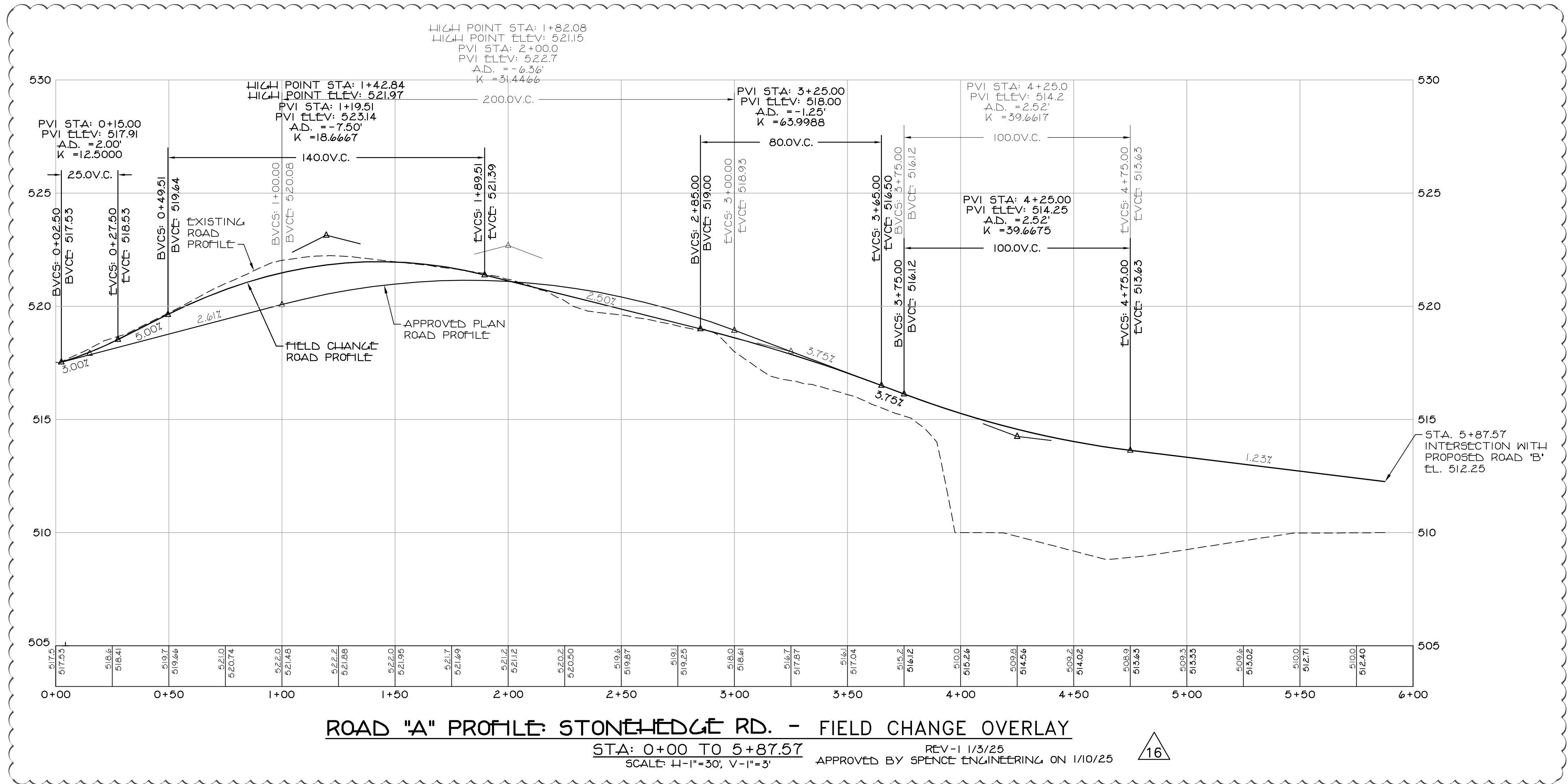
I HEREBY CERTIFY THAT THIS SURVEY WAS PREPARED BY ME AND WAS MADE FROM AN ACTUAL SURVEY COMPLETED BY ME ON 11-20-18.

UNAUTHORIZED ALTERATION OR ADDITION TO THIS PLAN IS A VIOLATION OF SECTION 7209(2) OF THE NEW YORK STATE EDUCATION LAW. COPIES OF THIS MAP NOT HAVING THE SEAL OF THE SURVEYOR OR ENGINEER SHALL BE VOID.

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FAX: (845) 782-5901
SPARACO@STEVENSUNY.COM WOLST@GMAIL.COM

YB-4606
DATE
AUG. 4, 2021
SCALE
1" = 50'
DWS
5 OF 12

YB-4606

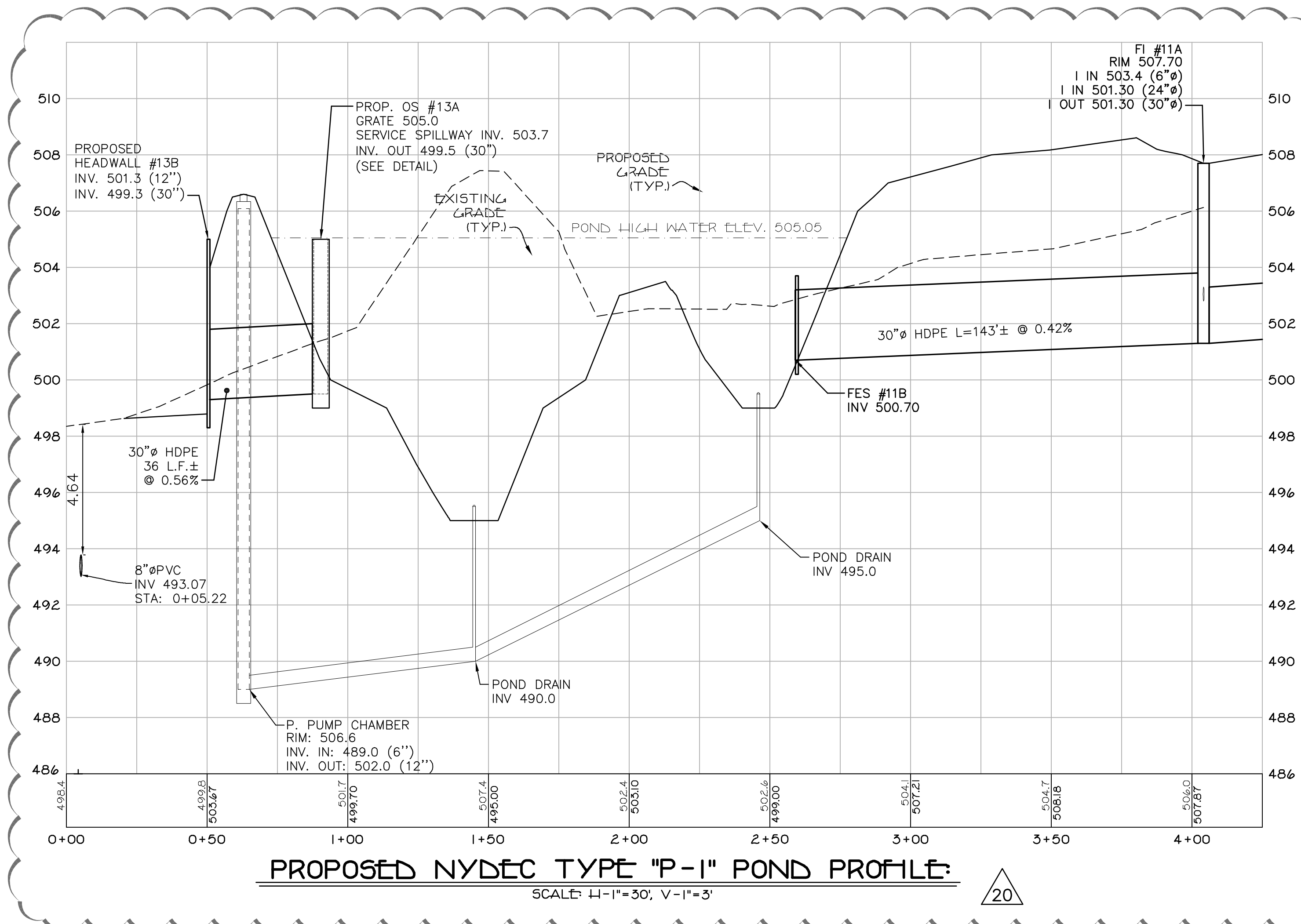
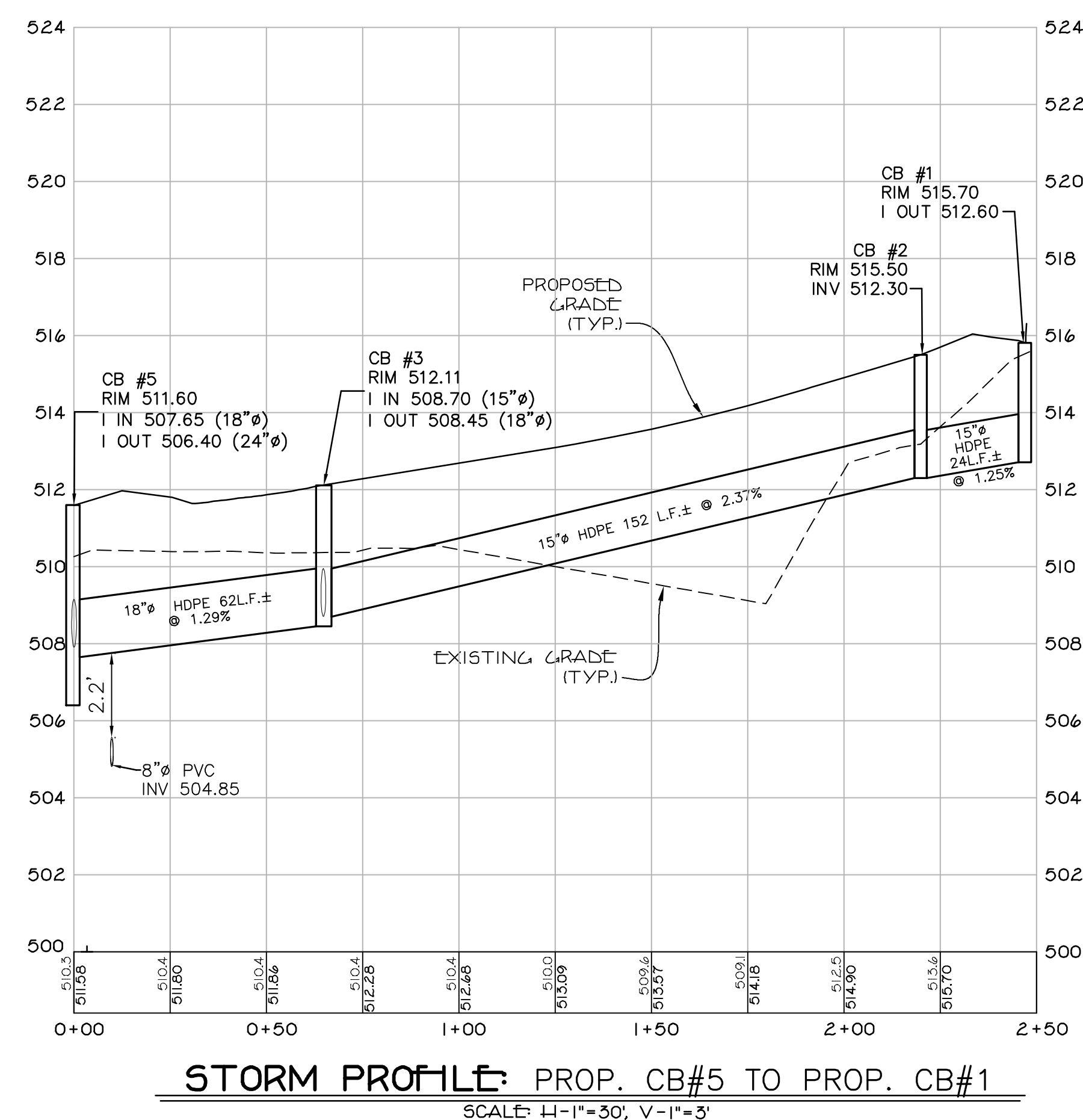
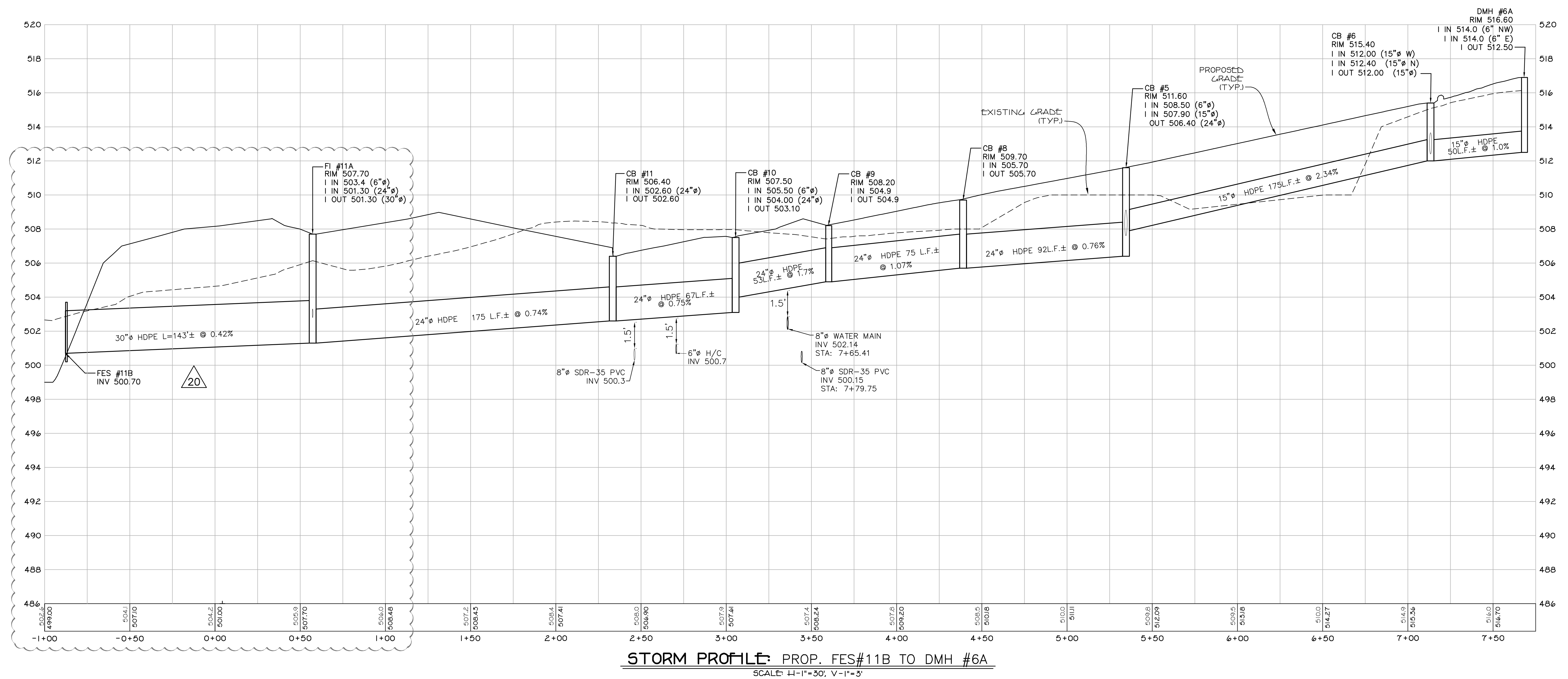


REVISIONS	
II. REV. FOR FINAL SIGNATURE - 5/28/24	APPROVED BY RESOLUTION OF THE PLANNING BOARD OF THE TOWN OF RAMAPO, N.J. ON THE DAY OF 20.
12. GENERAL REVISIONS - 7/1/24	SUBJECT TO ALL REQUIREMENTS AND CONDITIONS OF SAID RESOLUTION, ANY CHANGE, ERASURE, MODIFICATION OR REVISION OF THIS PLAT AS APPROVED SHALL VOID THIS APPROVAL, SIGNED THIS DAY OF 20.
16. ROAD PROFILE FIELD CHANGE - 3/5/25	
CHAIRMAN	
CLERK	

ROAD PROFILES FOR
REVISED SUBDIVISION OF
STONEHEDGE HEIGHTS
LOCATED IN
VILLAGE OF MONTEBELLO
TOWN OF RAMAPO
ROCKLAND COUNTY, NEW YORK

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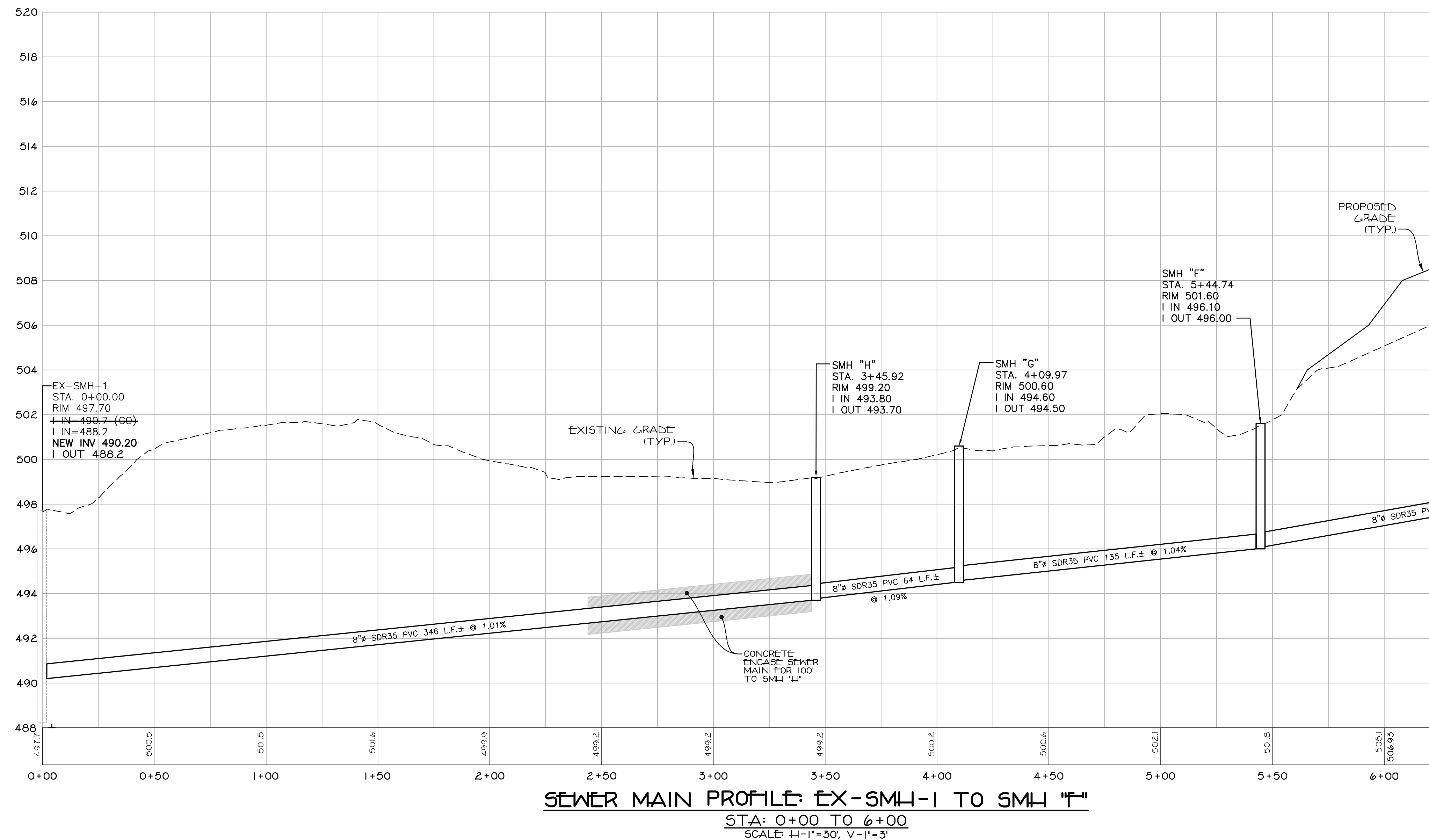
FILE # YB-4606
DATE MAY 28, 2024
SCALE AS NOTED
DATE 7 OF 12



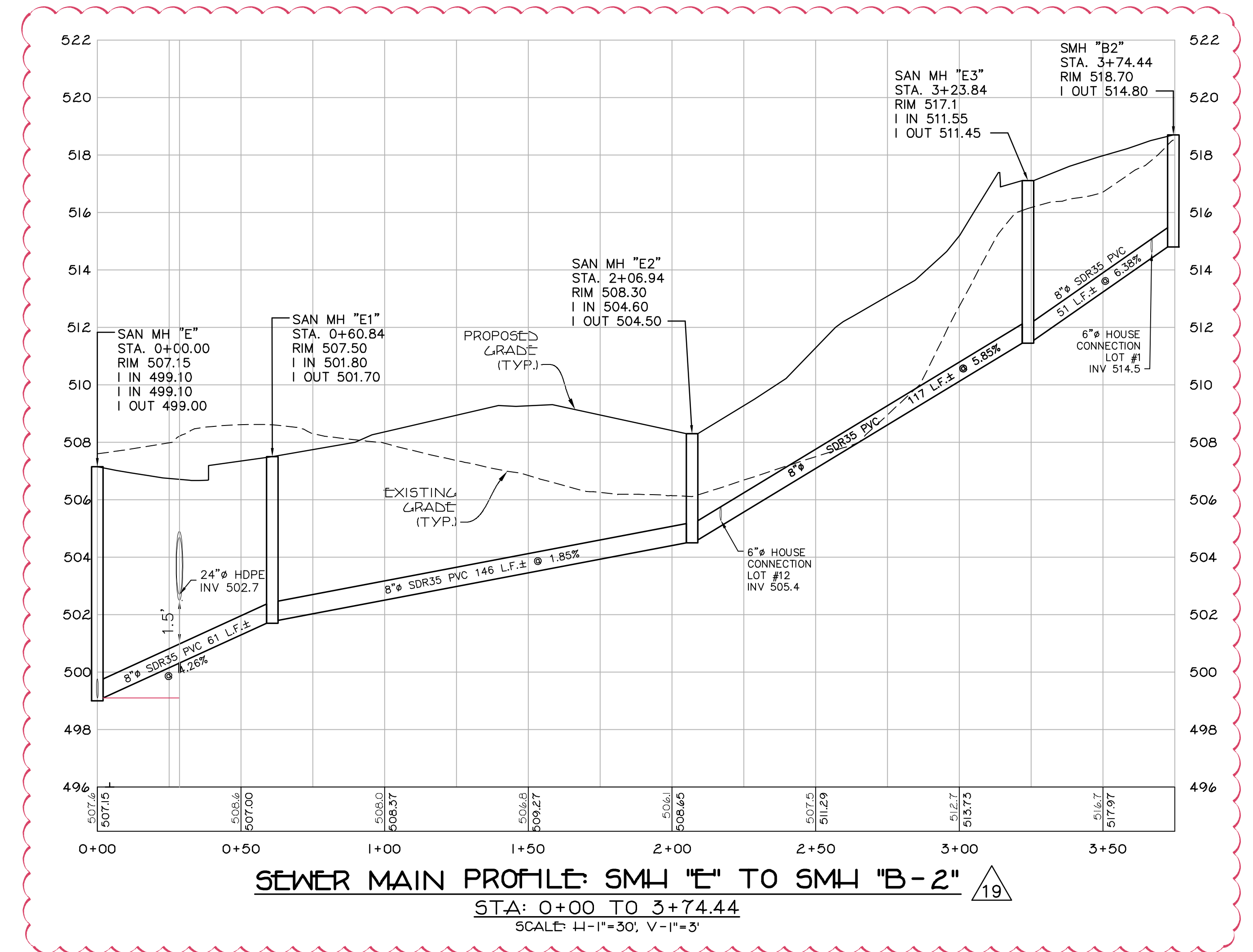
REVISIONS	
12. GENERAL REVISIONS - 7/1/24	APPROVED BY RESOLUTION OF THE PLANNING BOARD OF THE TOWN OF RAMAPO, NEW YORK, ON THE DAY OF 20.
11. GENERAL REVISIONS - 6/19/24	SUBJECT TO ALL REQUIREMENTS AND CONDITIONS OF SAID RESOLUTION, ANY CHANGE, REVISION, MODIFICATION OR REVISION OF THIS PLAN, AS APPROVED SHALL VOID THIS APPROVAL, SIGNED THIS DAY OF 20.
10. CHECK PRINT REV. 10-17-24	
9. ROAD PROFILE & SAN RELLOCATION FIELD CHANGES / WATER REVISION	
8. REV. PER VECIA COMMENTS - 3/2/25	
7. REV. PER VECIA COMMENTS - 3/18/25	
6. REV. SEWER & STORM DESIGN - 3/14/25	
5. REV. SEWER DESIGN - 4/8/25	
4. REV. INFILTRATION POND - 5/27/25	
CHAIRMAN	
CLERK	

STORM PROFILES FOR
REVISED SUBDIVISION OF
STONEHEDGE HEIGHTS
LOCATED IN
VILLAGE OF MONTEBELLO
TOWN OF RAMAPO
ROCKLAND COUNTY, NEW YORK

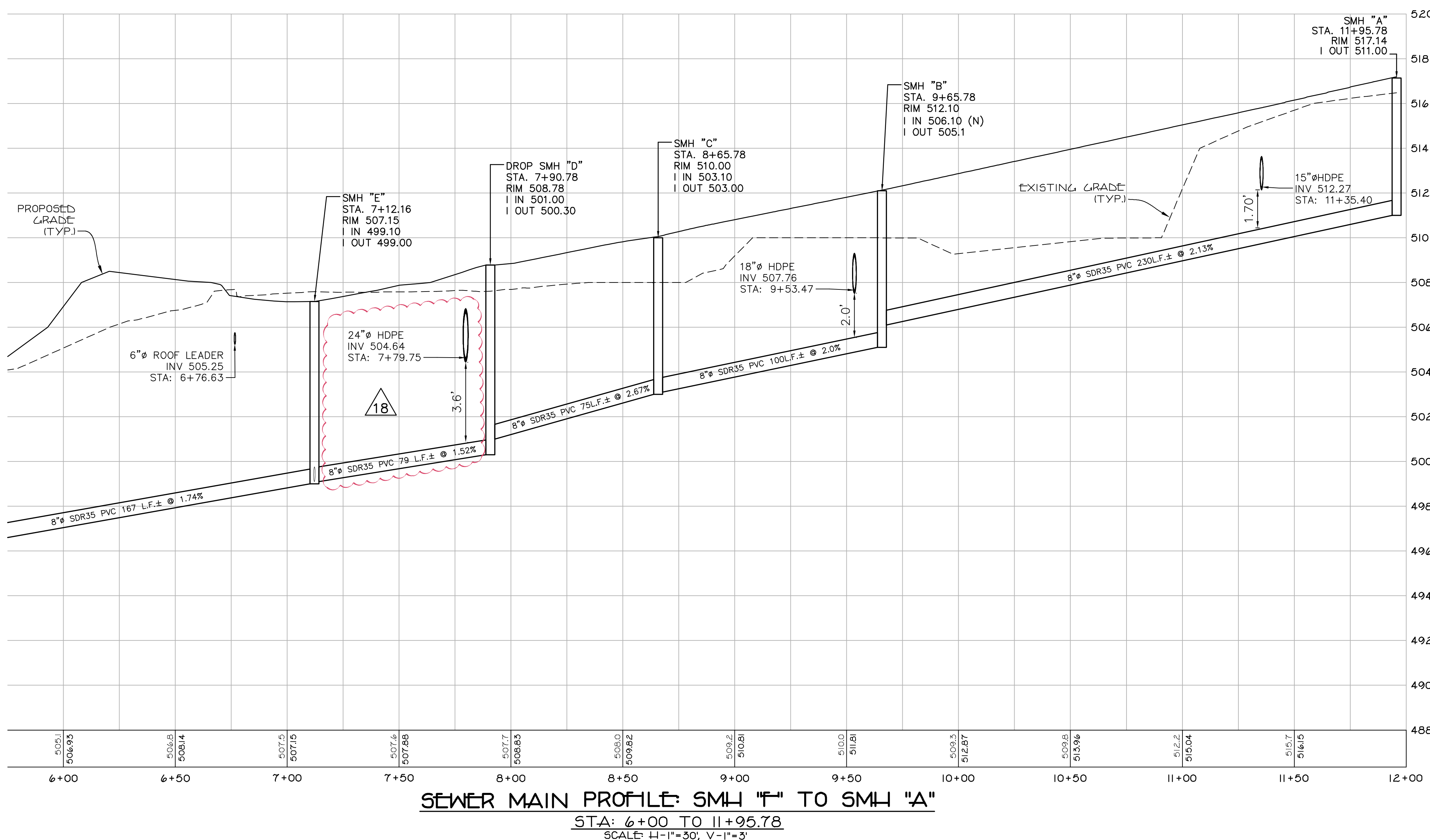
SPARACO & YOUNGBLOOD, PLLC		FILE #	YB-4606
CIVIL ENGINEERING • LAND SURVEYING		DATE	JUNE 28, 2024
18 NORTH MAIN STREET HARRISMAN, NY 10926 TEL: (845) 782-8543 FAX: (845) 782-8543 WWW.SPACOSYS.COM WYB151@GMAIL.COM		SCALE	AS NOTED
SEVEN M. SPARACO, PE 18 NORTH MAIN STREET HARRISMAN, NEW YORK 10926 (845) 782-8543		DWG	8 OF 12



SEWER MAIN PROFILE: EX-SMH-1 TO SMH "F"
STA: 0+00 TO 6+00
SCALE: H-1"=30', V-1"=5'



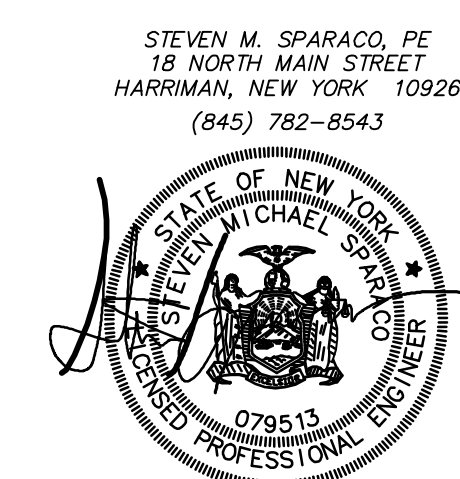
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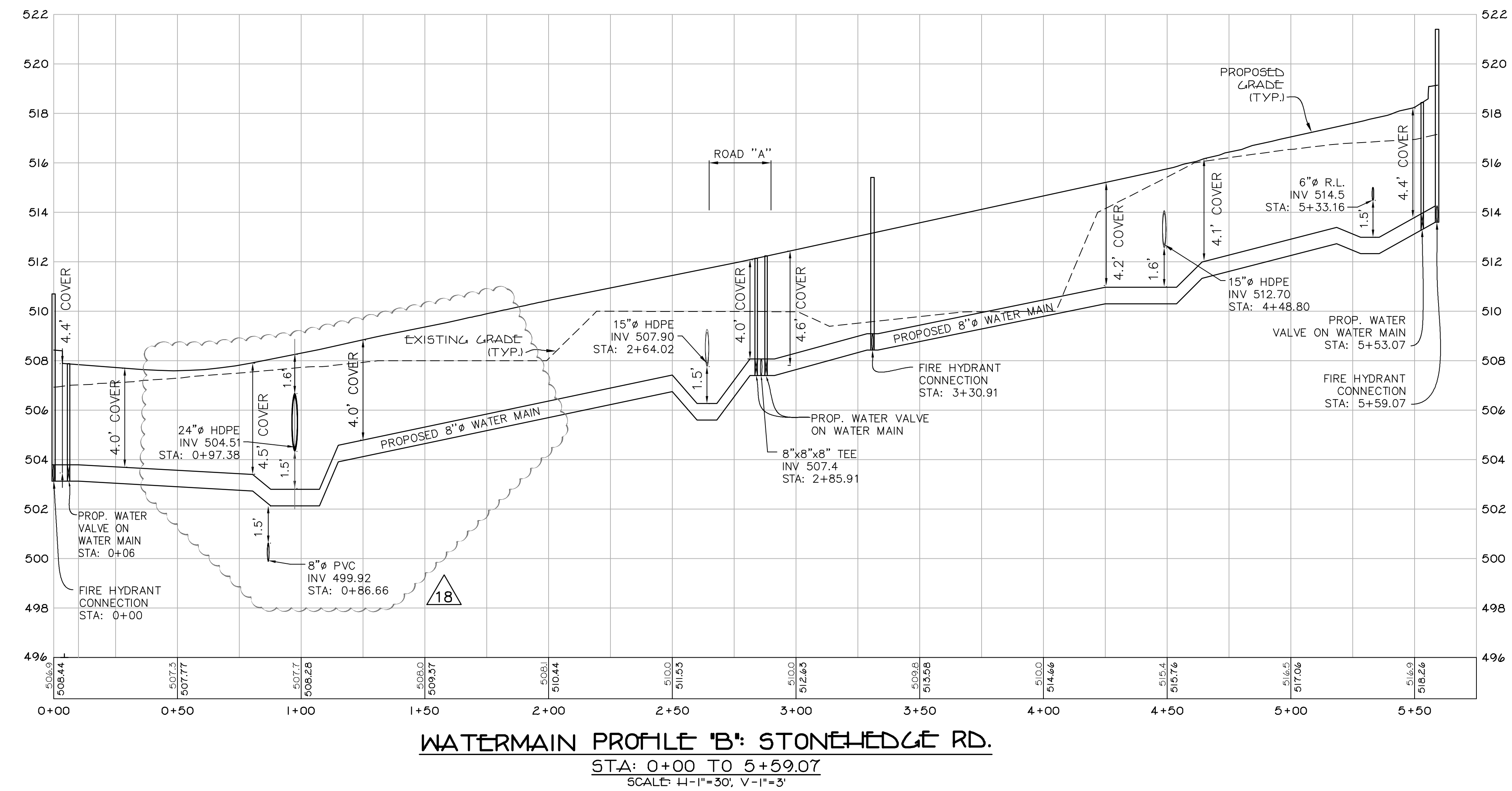
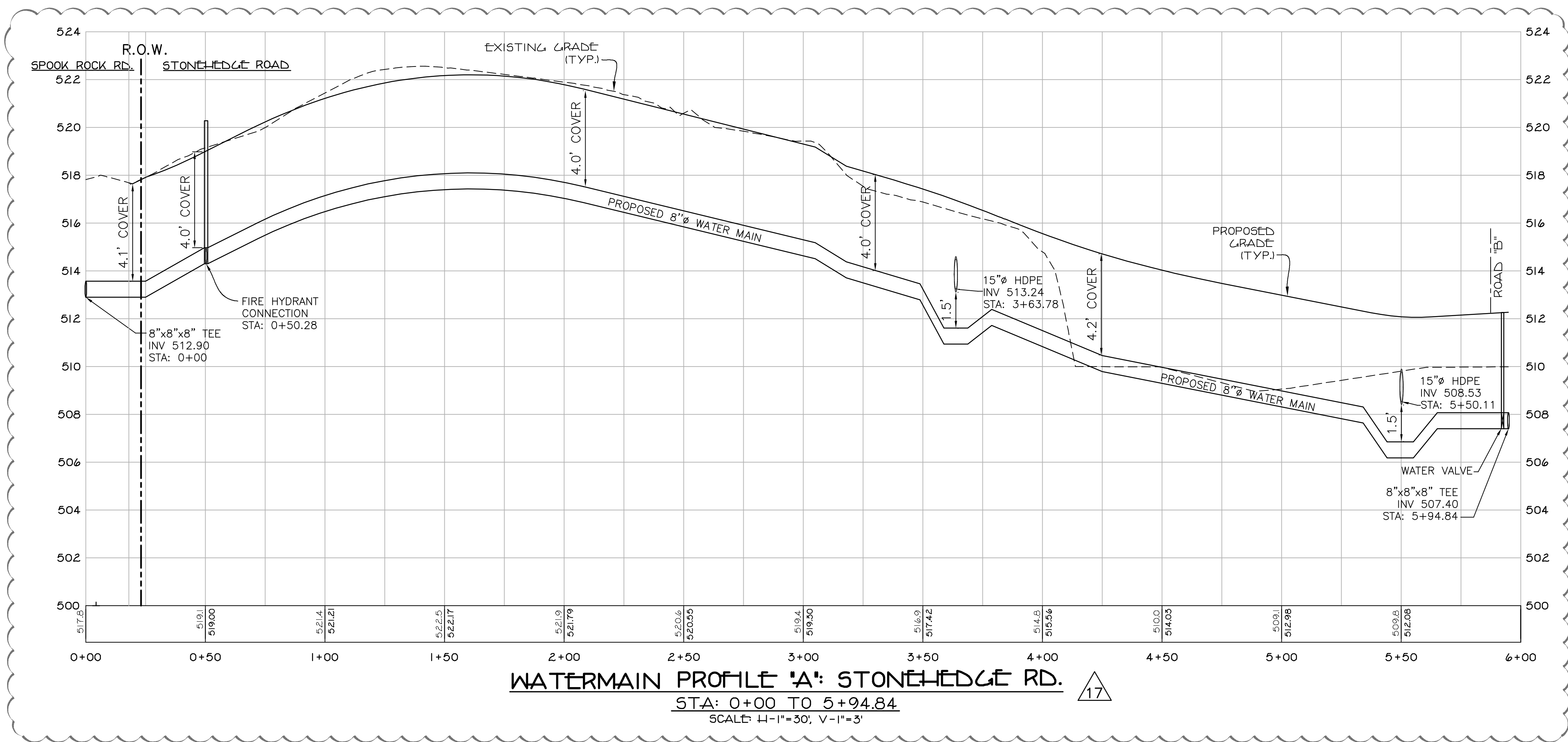
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SCALE: H-1"=30', V-1"=5'

REVISIONS	
1. REV. FOR FINAL SIGNATURE - 6/28/24	APPROVED BY RESOLUTION OF THE PLANNING BOARD OF THE TOWN OF RAMAPO, N.J. ON THE DAY OF 2024.
2. REV. FOR FINAL SIGNATURE - 7/10/24	SUBJECT TO ALL REQUIREMENTS AND CONDITIONS OF SAID RESOLUTION. ANY CHANGE, MODIFICATION OR REVISION OF THIS PLAN, AS APPROVED, SHALL VOID THIS APPROVAL, SIGNED THIS DAY OF 2024.
3. REV. RAMAPO SPN - 7/26/24	
4. LATERAL REVISIONS - 8/19/24	
5. CHECK PRINT REV. - 10-17-24	
6. ROAD PROFILE - SAN RELOCATION FIELD CHANGES / WATER REVISION PER VECOLIA COMMENTS - 3/5/25	
7. REV. PER VECOLIA COMMENTS - 5/18/25	
8. REV. SEWER & STORM DESIGN - 5/24/25	
9. REV. SEWER DESIGN - 4/9/25	
CHAIRMAN	
CLERK	

SEWER PROFILES FOR
REVISED SUBDIVISION OF
STONEHEDGE HEIGHTS
LOCATED IN
VILLAGE OF MONTEBELLO
TOWN OF RAMAPO
ROCKLAND COUNTY, NEW YORK



SPARACO & YOUNGBLOOD, PLLC CIVIL ENGINEERING • LAND SURVEYING 18 NORTH MAIN STREET PO BOX 918 HARRIMAN, NY 10926 TEL: (845) 782-8543 FAX: (845) 782-2000 WWW.SPARACOENGINEERS.COM	
FILE #	YB-4606
DATE	JUNE 3, 2024
SCALE	AS NOTED
DATE	9 0" 12



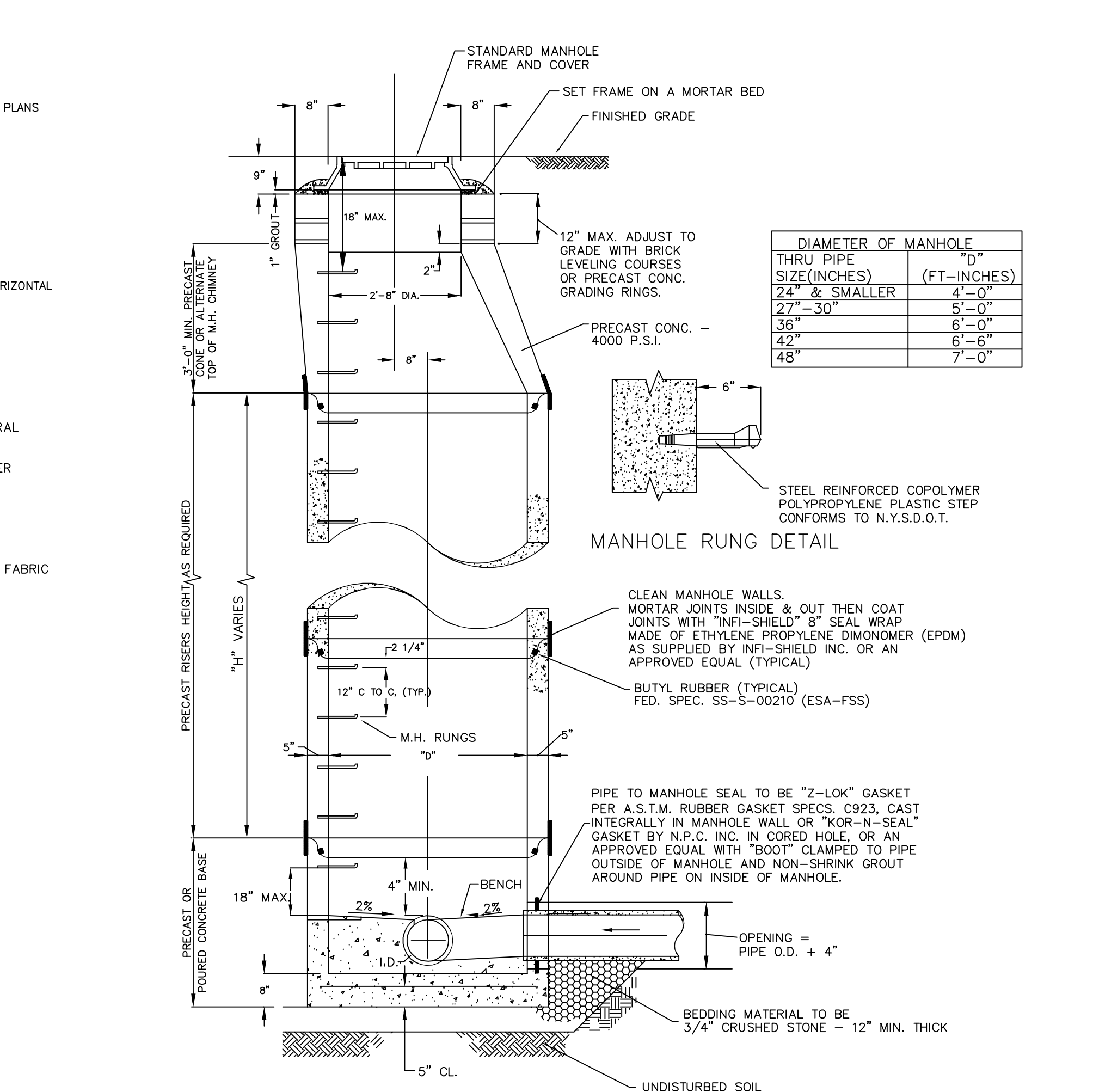
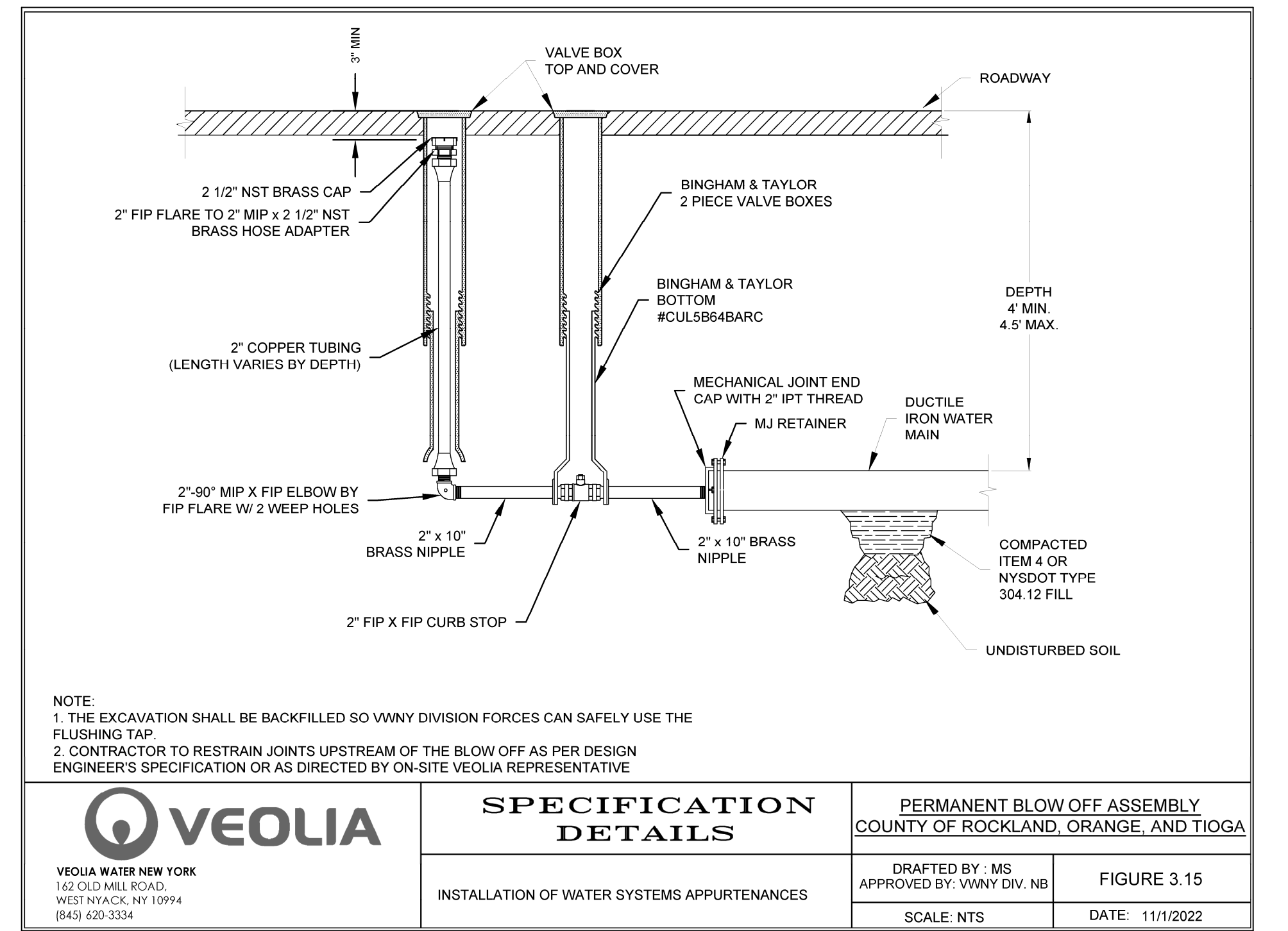
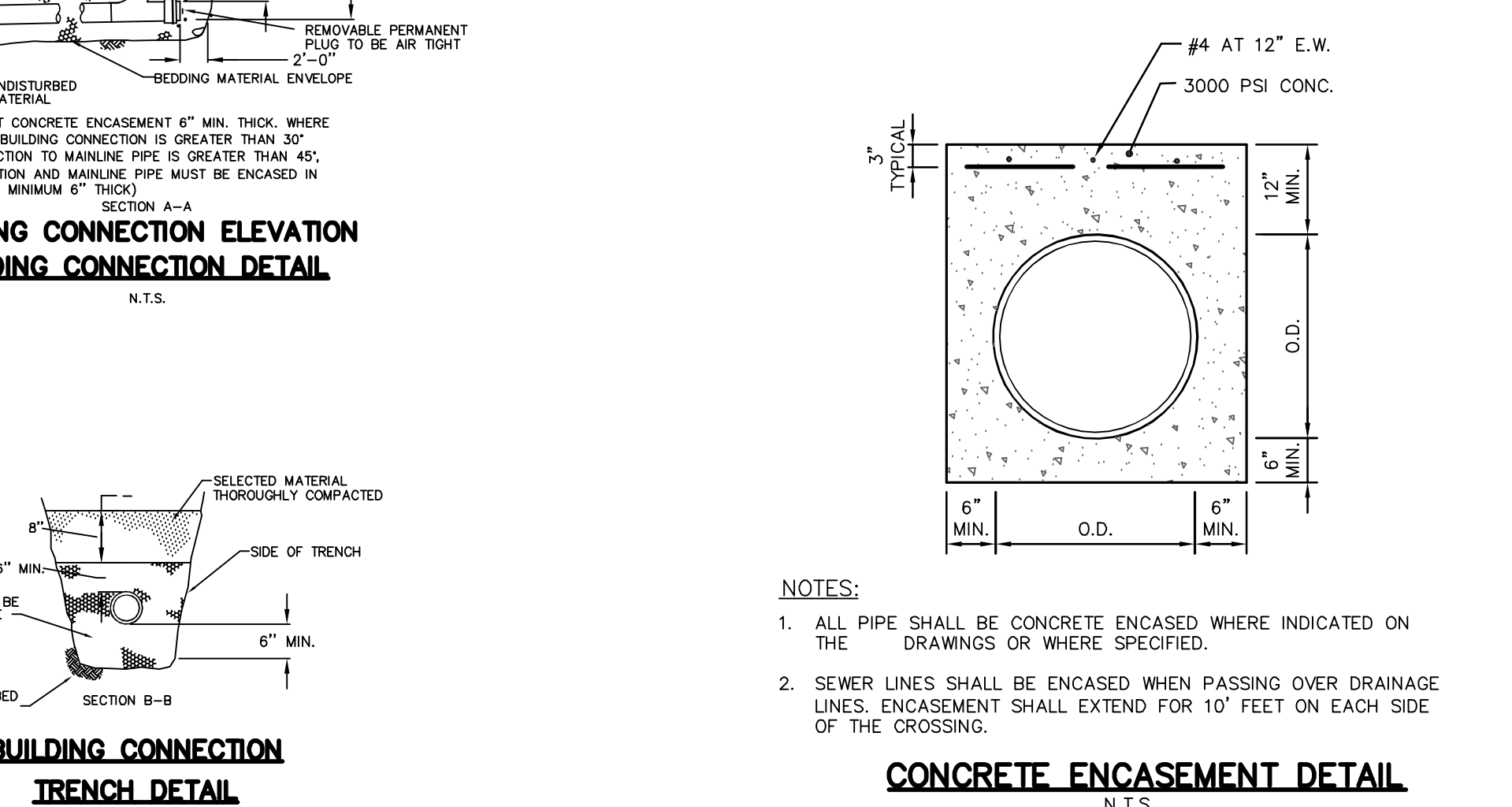
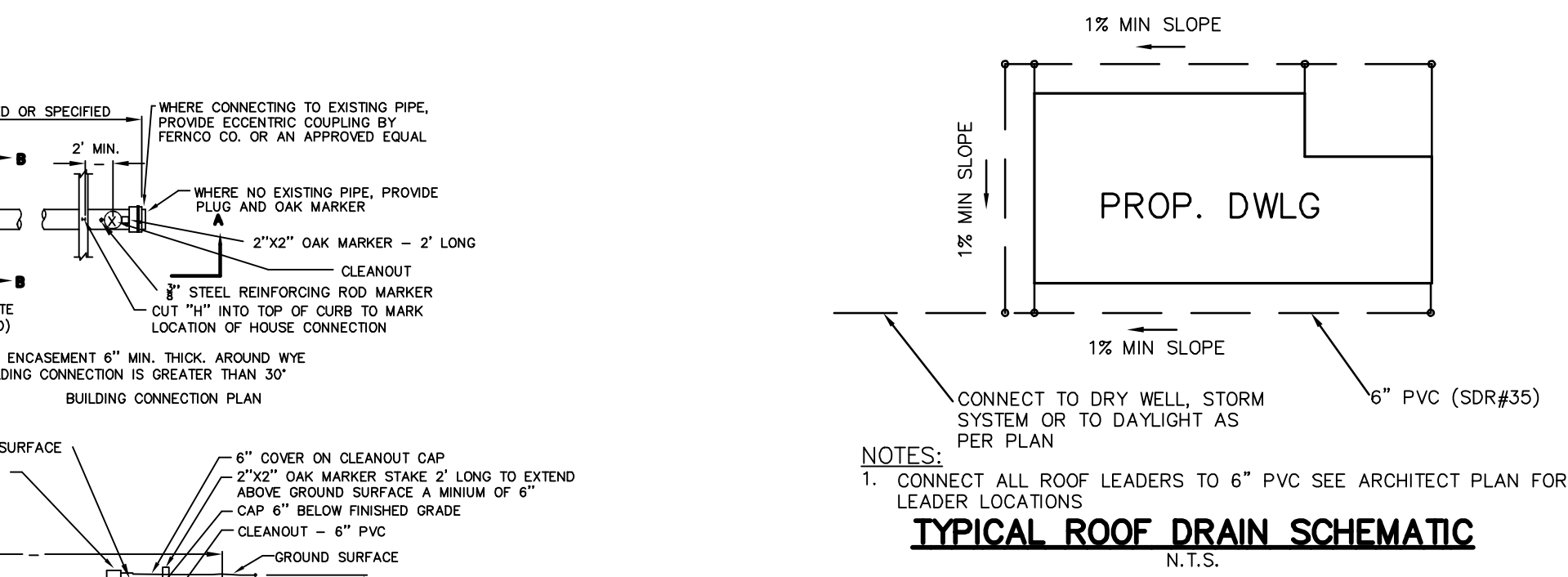
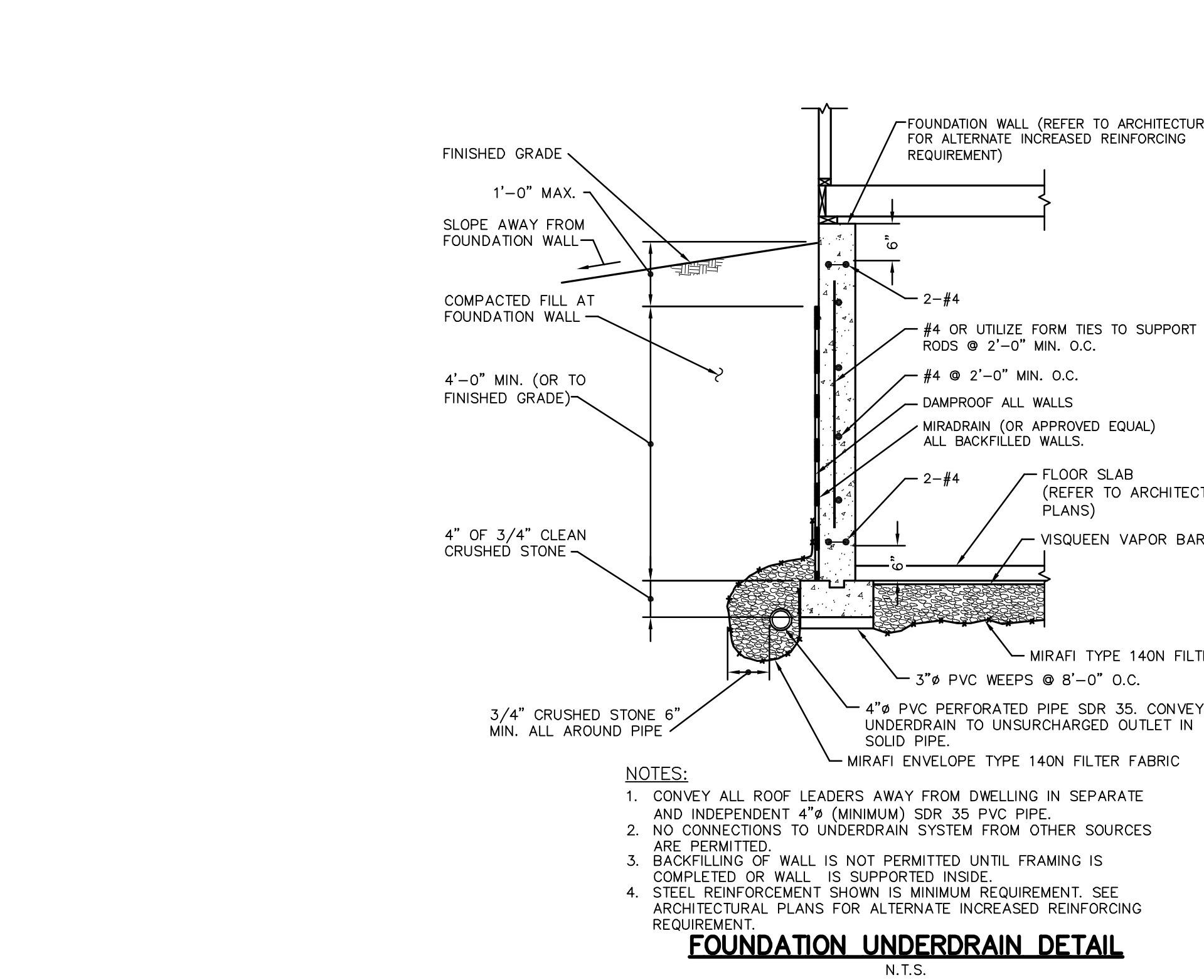
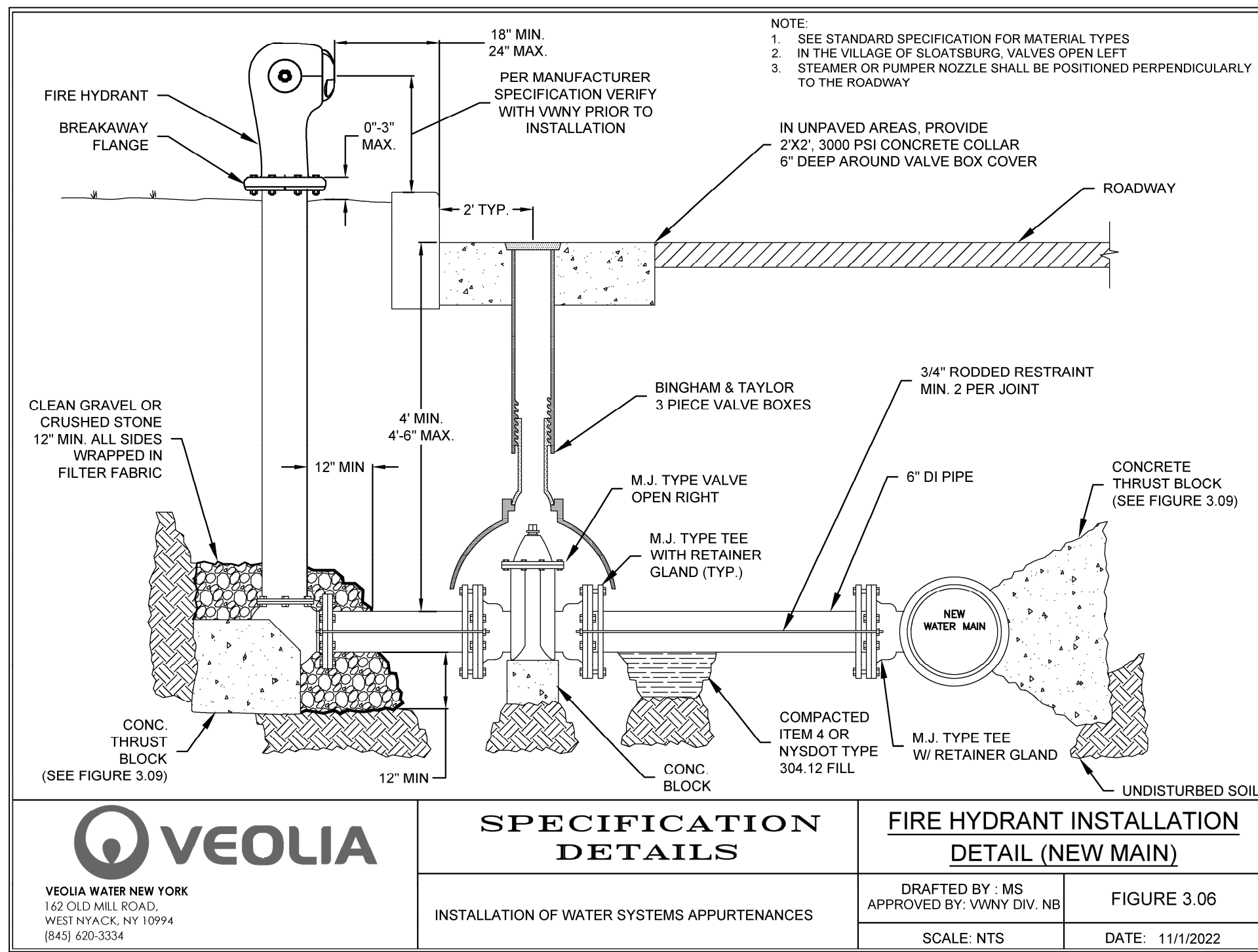
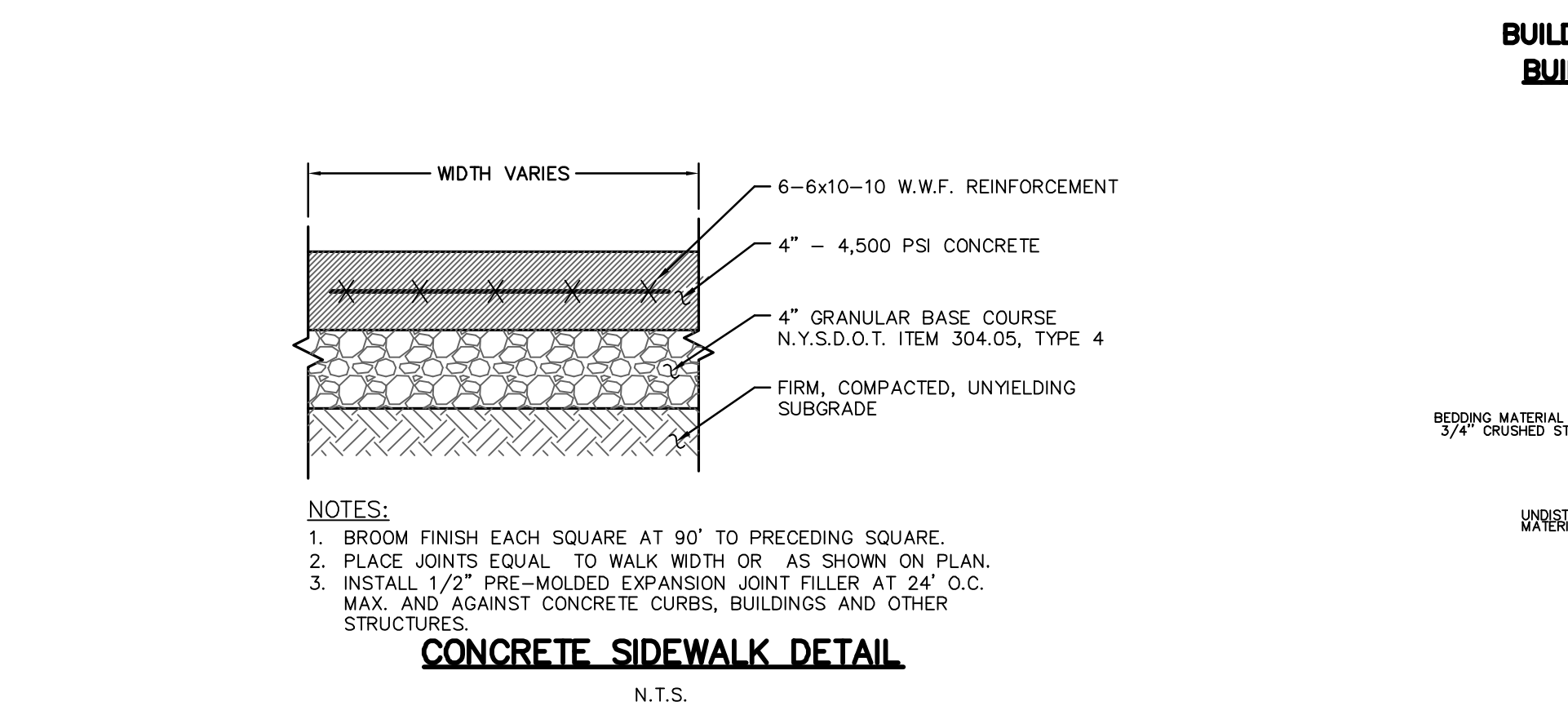
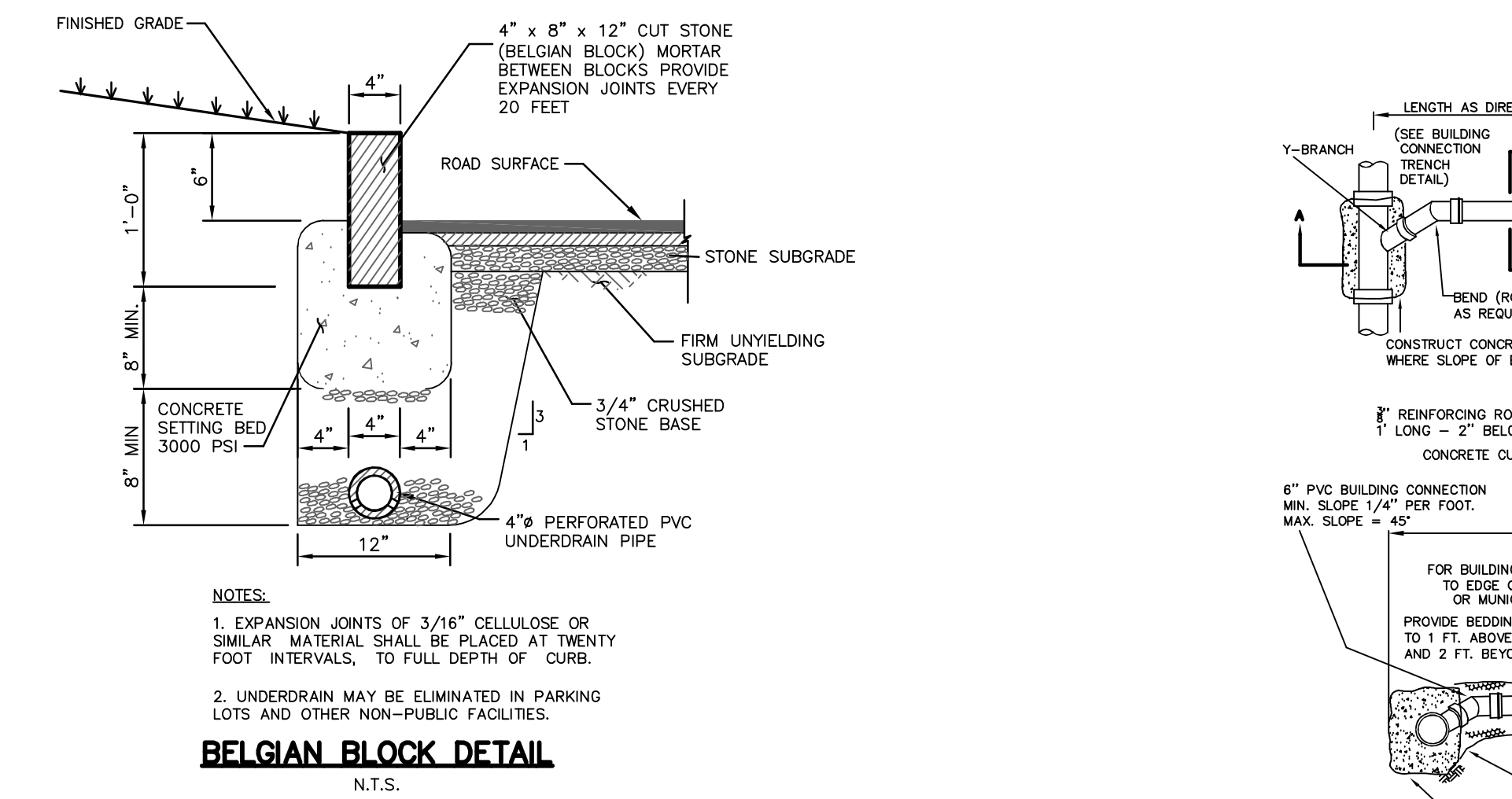
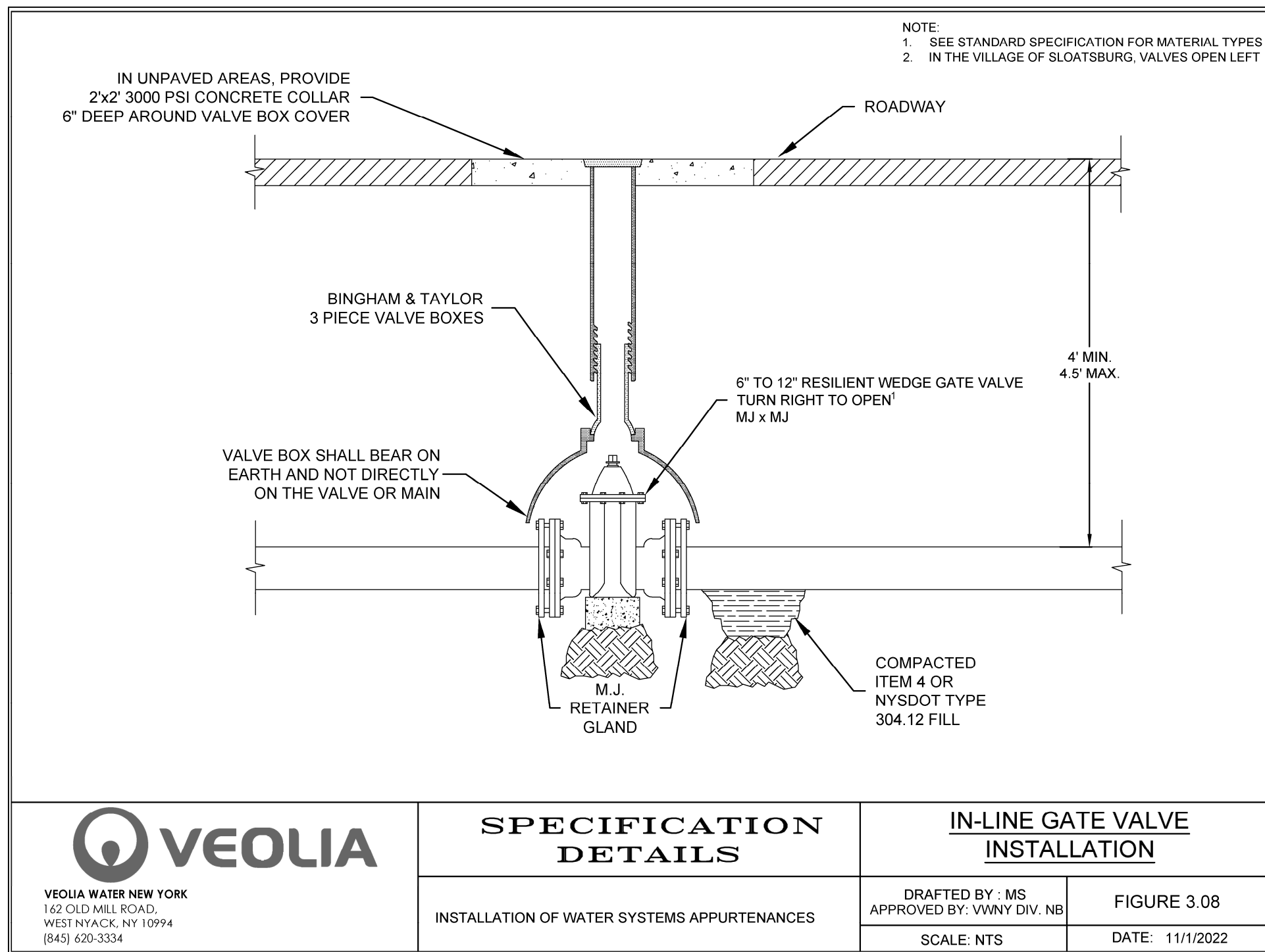
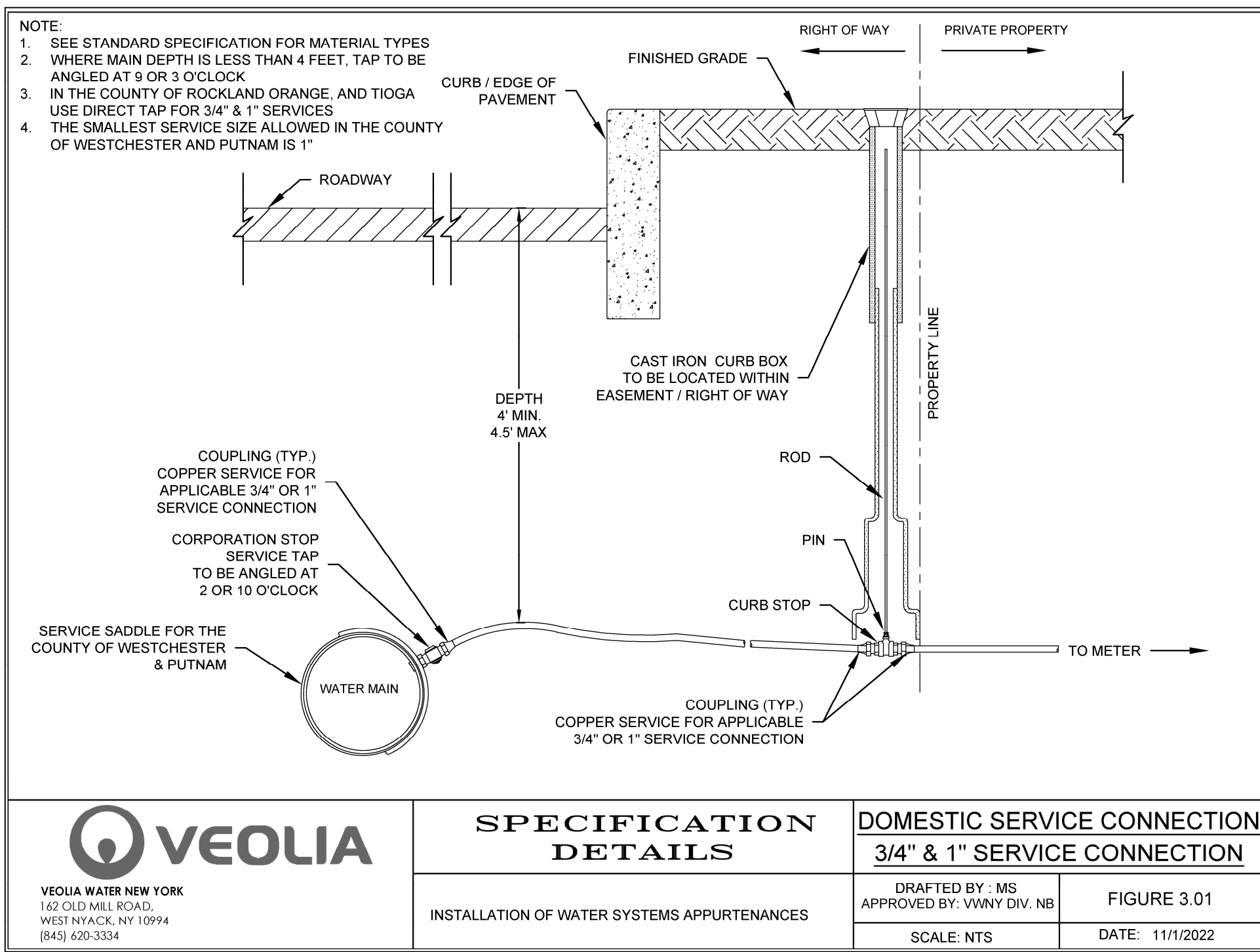
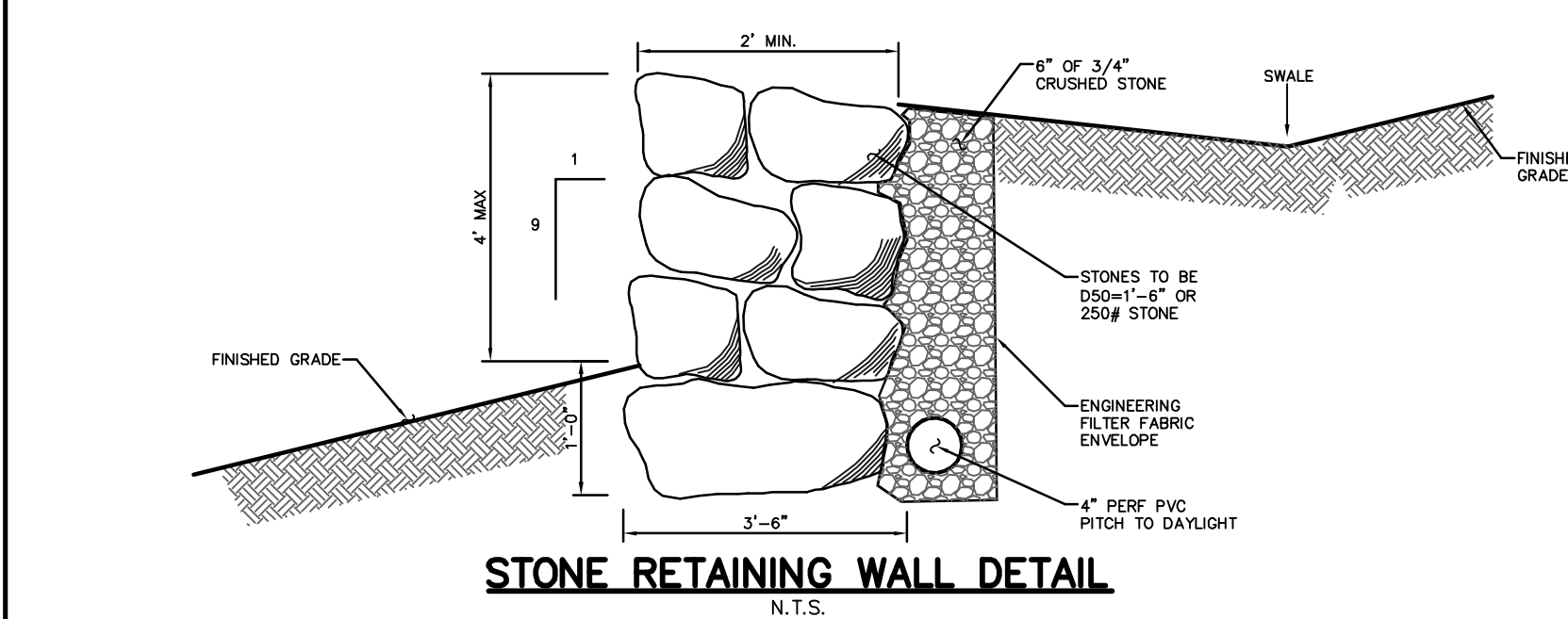
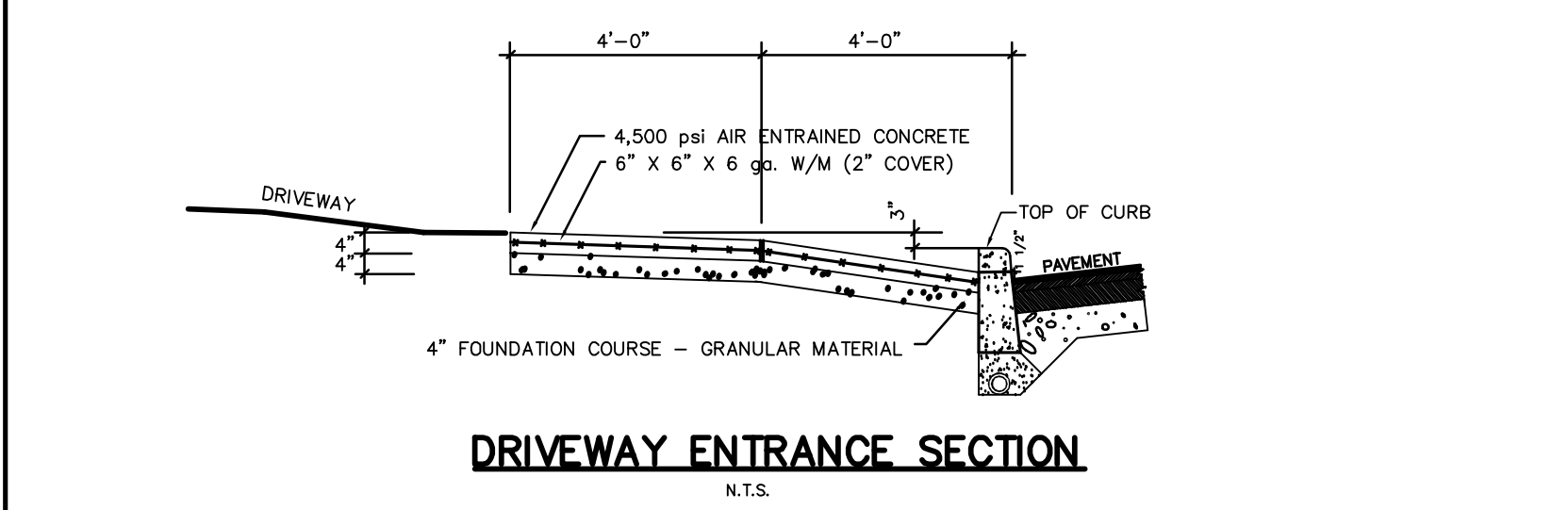
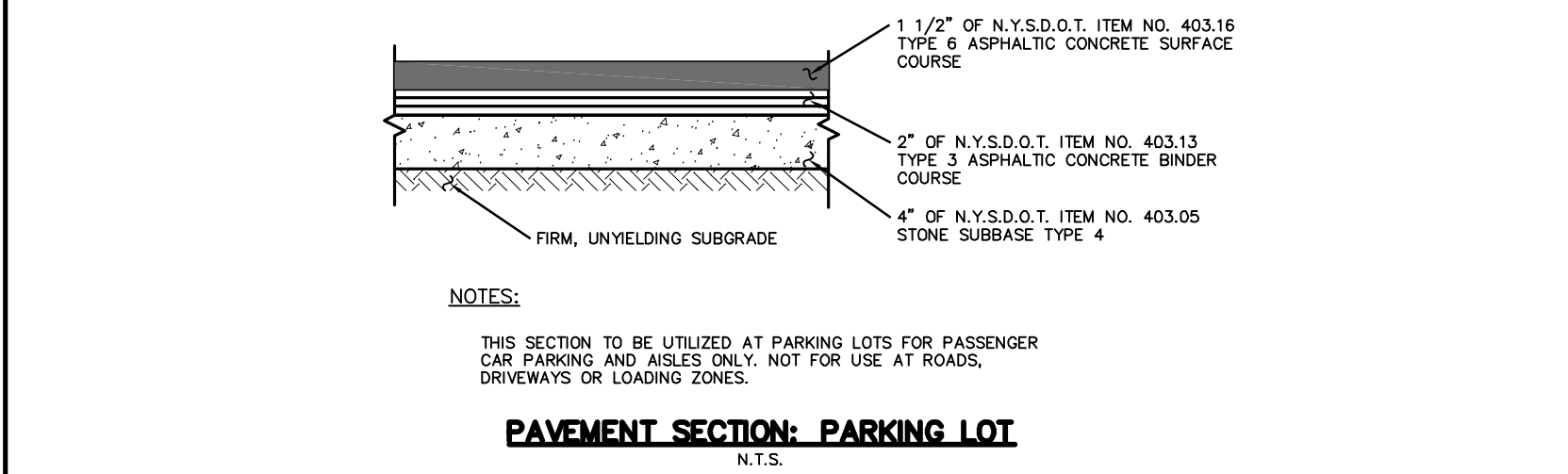
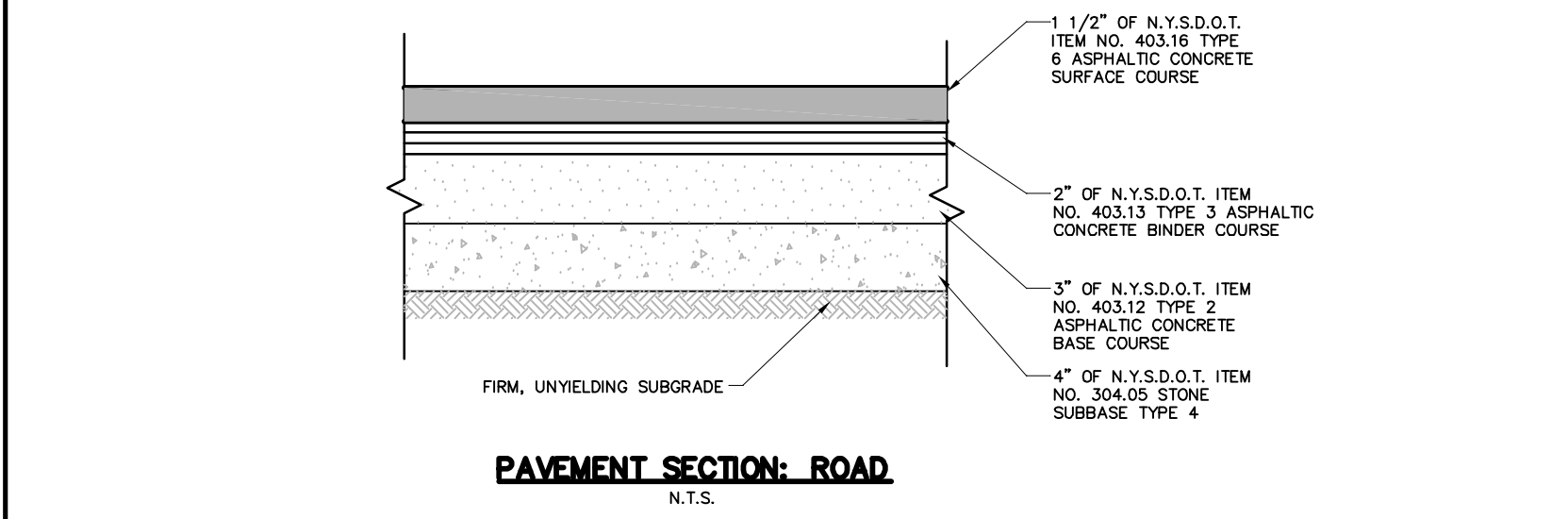
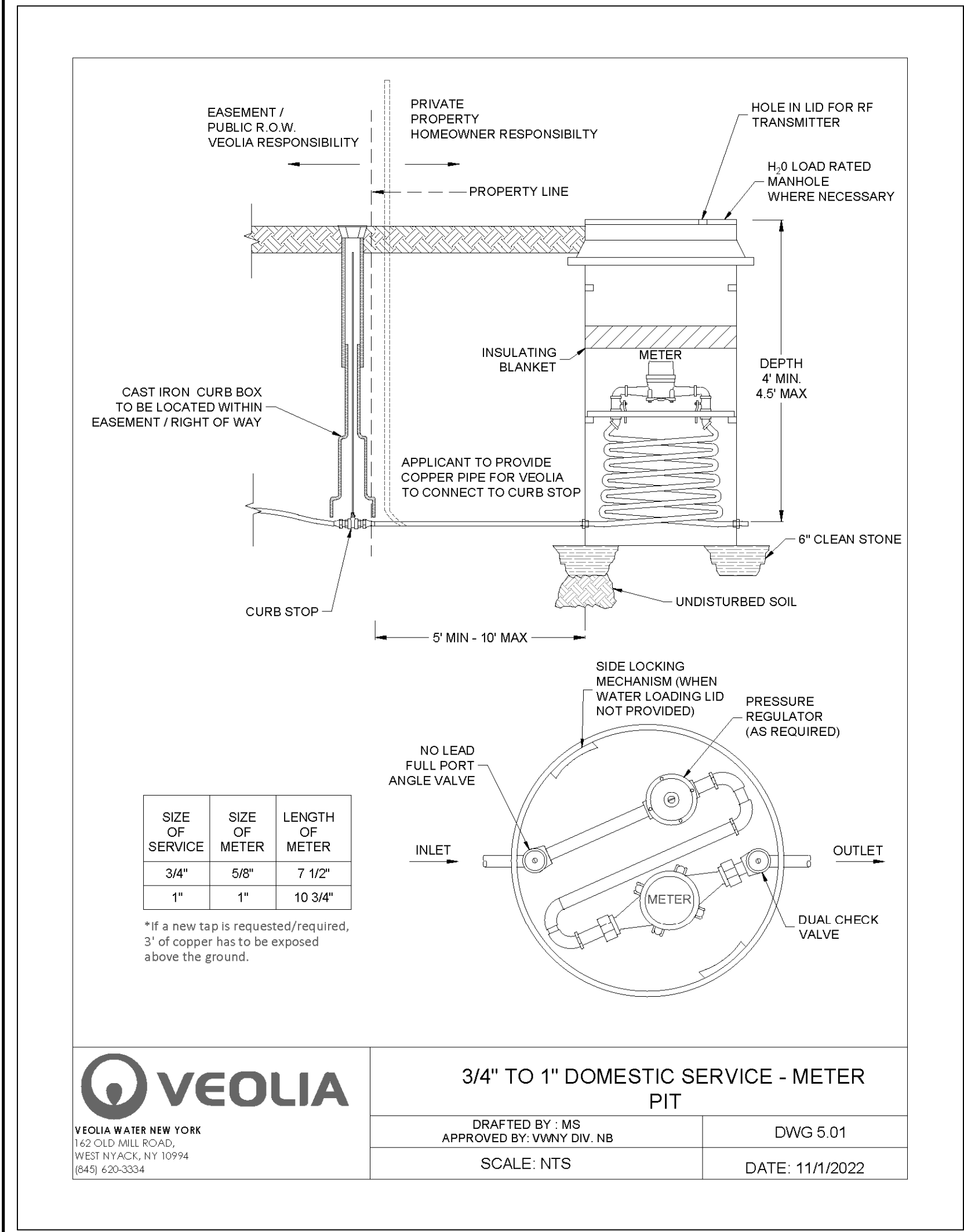
REVISIONS	
11. REV. FOR FINAL SIGNATURE - 1/28/24	APPROVED BY RESOLUTION OF THE PLANNING BOARD OF THE TOWN OF RAMAPO, NEW YORK, ON THE DAY OF 2024.
12. GENERAL REVISIONS - 7/11/24	SUBJECT TO ALL REQUIREMENTS AND CONDITIONS OF SAID RESOLUTION, ANY CHANGE, ERASURE, MODIFICATION OR REVISION OF THIS PLAT AS APPROVED SHALL VOID THIS APPROVAL, SIGNED THIS DAY OF 2024.
13. CHECK PRINT REV. - 10-17-24	
14. GENERAL REVISIONS - 8/19/24	
15. ROAD PROFILE & SAN RELOCATION	
16. FIELD CHANGES / WATER REVISION	
17. REV. PER VECOLIA COMMENTS - 3/5/25	
18. REV. SENIOR & STORM DESIGN - 5/24/25	
CHAIRMAN	
CLERK	

WATER PROFILES FOR
REVISED SUBDIVISION OF
STONEHEDGE HEIGHTS
LOCATED IN
VILLAGE OF MONTEBELLO
TOWN OF RAMAPO
ROCKLAND COUNTY, NEW YORK

SPARACO & YOUNGBLOOD, PLLC
CIVIL ENGINEERING • LAND SURVEYING
SITE PLANNING
P.O. BOX 918
HARRIMAN, NY 10926
TEL: (845) 782-8543
FAX: (845) 782-2000
SPARACO.STEVE@SLSNY.COM WYB151@GMAIL.COM

FILE # YB-4606
DATE MAY 28, 2024
SCALE AS NOTED
SHEET 10 OF 12





NOTES:
1. THE EXTERIOR SURFACE OF THE MANHOLES SHALL BE PAINTED WITH TWO COATS OF THEMEC SERIES 46-465 H.B. THEMECOL, SHERWIN WILLIAMS COR-COTE SC SEWER-COTE, OR APPROVED EQUAL, 8 TO 16 MILS DRY FILM THICKNESS.
2. THE INTERIOR SURFACES OF THE MANHOLES SHALL BE PAINTED WITH HAZE GRAY SHERWIN WILLIAMS COR-COTE SC SEWER-COTE, THEMEC SERIES218 MORTARGLAD SURFACE PRIMER WITH GRAY SERIES 446 COLOR PERMA-SHIELD MCU FINISH COAT, OR EQUAL, IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

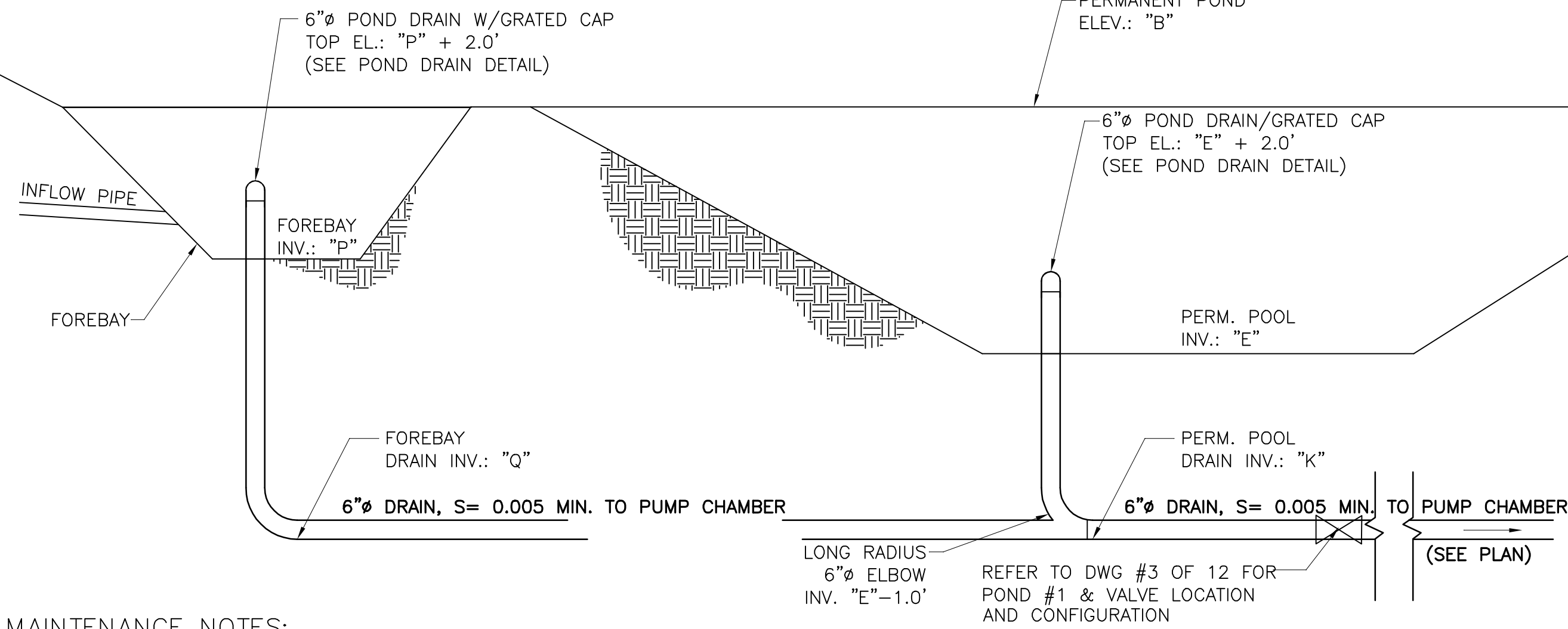
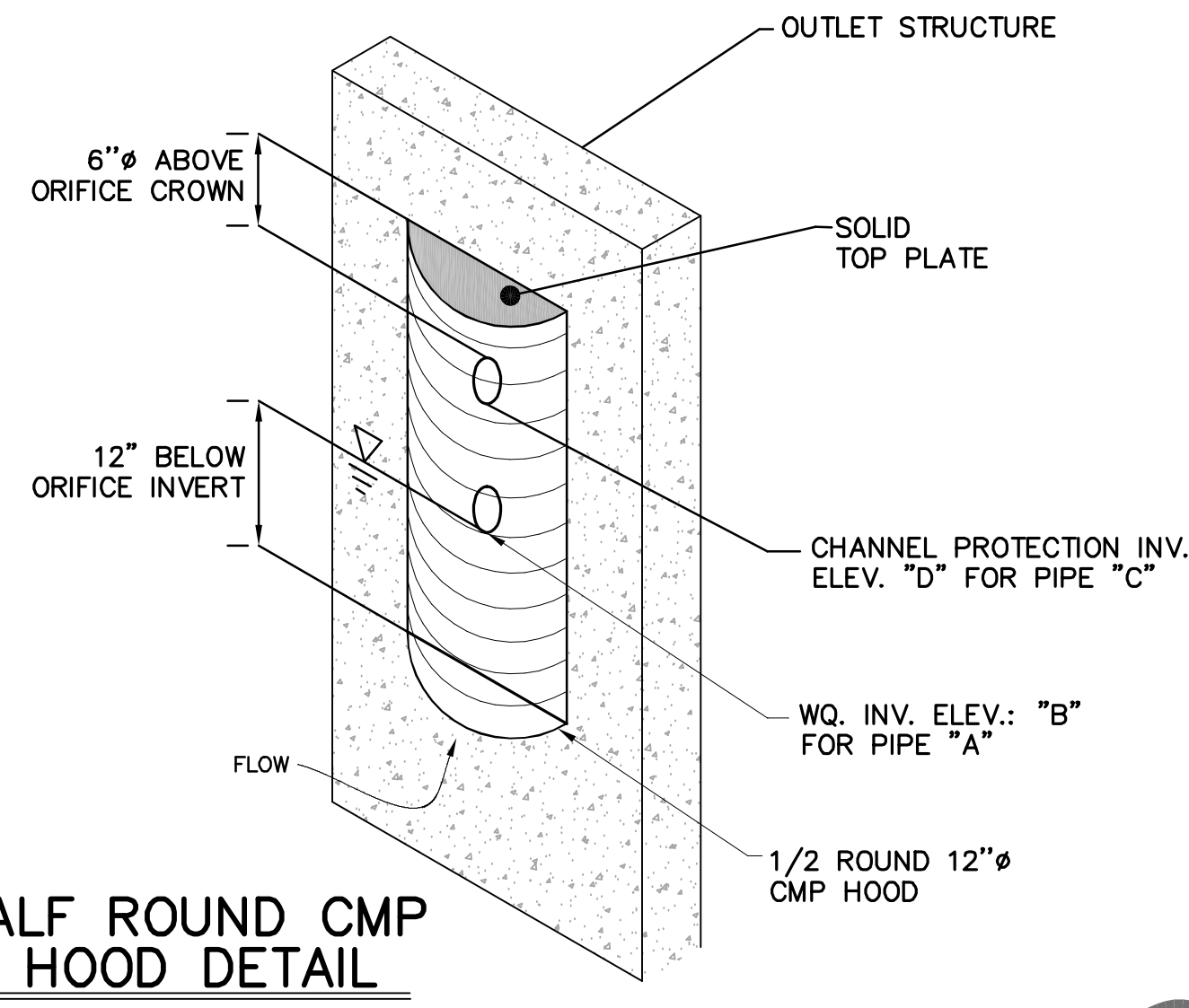
REVISIONS		APPROVED BY RESOLUTION OF THE PLANNING BOARD OF THE TOWN OF RAMAPO, NEW YORK	
NO.	DATE	BY	DATE
1.	REV. PLANS AS PER VILL. 11-11-21		
2.	REV. PLANS AS PER VILL. 12-28-21		
3.	GENERAL - 2/28/24		
4.	GENERAL REVISIONS - 5/28/24		
5.	REV. FOR FINAL SIGNATURE - 6/28/24		
6.	GENERAL REVISIONS - 11/24		

DETAILS SHEET (1 OF 2) FOR
STONEHEDGE HEIGHTS
LOCATED IN
VILLAGE OF MONTEBELLO
TOWN OF RAMAPO
ROCKLAND COUNTY, NEW YORK

SPARACO & YOUNGBLOOD, PLLC
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WWW.SPACONYS.COM WDC151@GMAIL.COM

STEVEN M. SPARACO, PE
18 NORTH MAIN STREET
HARRISMAN, NEW YORK 10926
(845) 782-8543

YB-4606
AUC: 4, 2021
SCALE: 1" = 50'
DATE: 11 OF 12



MAINTENANCE NOTES:

1. A LEGALLY BINDING MAINTENANCE AGREEMENT TO BE PREPARED FOR THE VILLAGE OF MONTEBELLO FOR FUTURE MAINTENANCE AND UPKEEP AS MAINTAINED BY THE HOMEOWNERS ASSOC.
2. AN ACCESS AND MAINTENANCE EASEMENT TO BE PROVIDED TO THE VILLAGE OF MONTEBELLO.
3. FOREBAY SEDIMENT REMOVAL TO BE PERFORMED EVERY FIVE TO SIX YEARS OR WHEN THE FOREBAY IS 50% FULL.

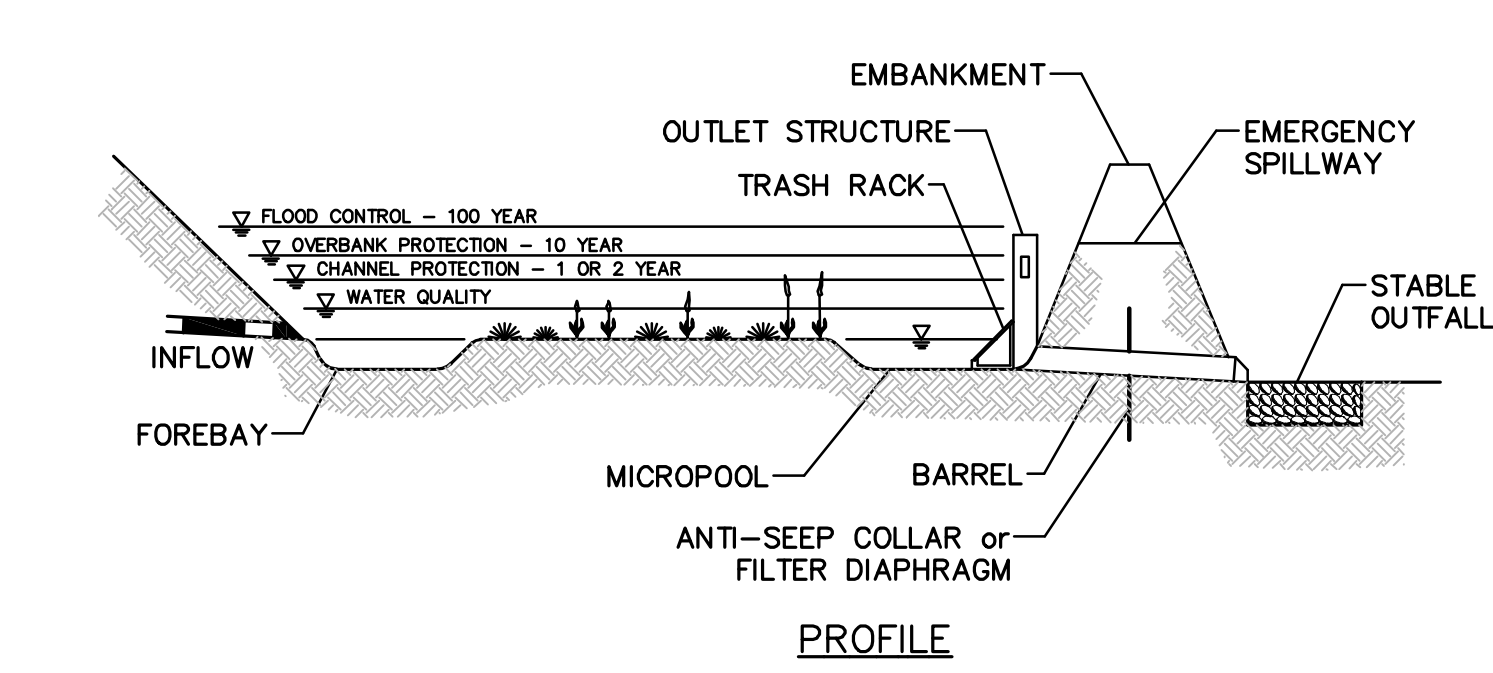
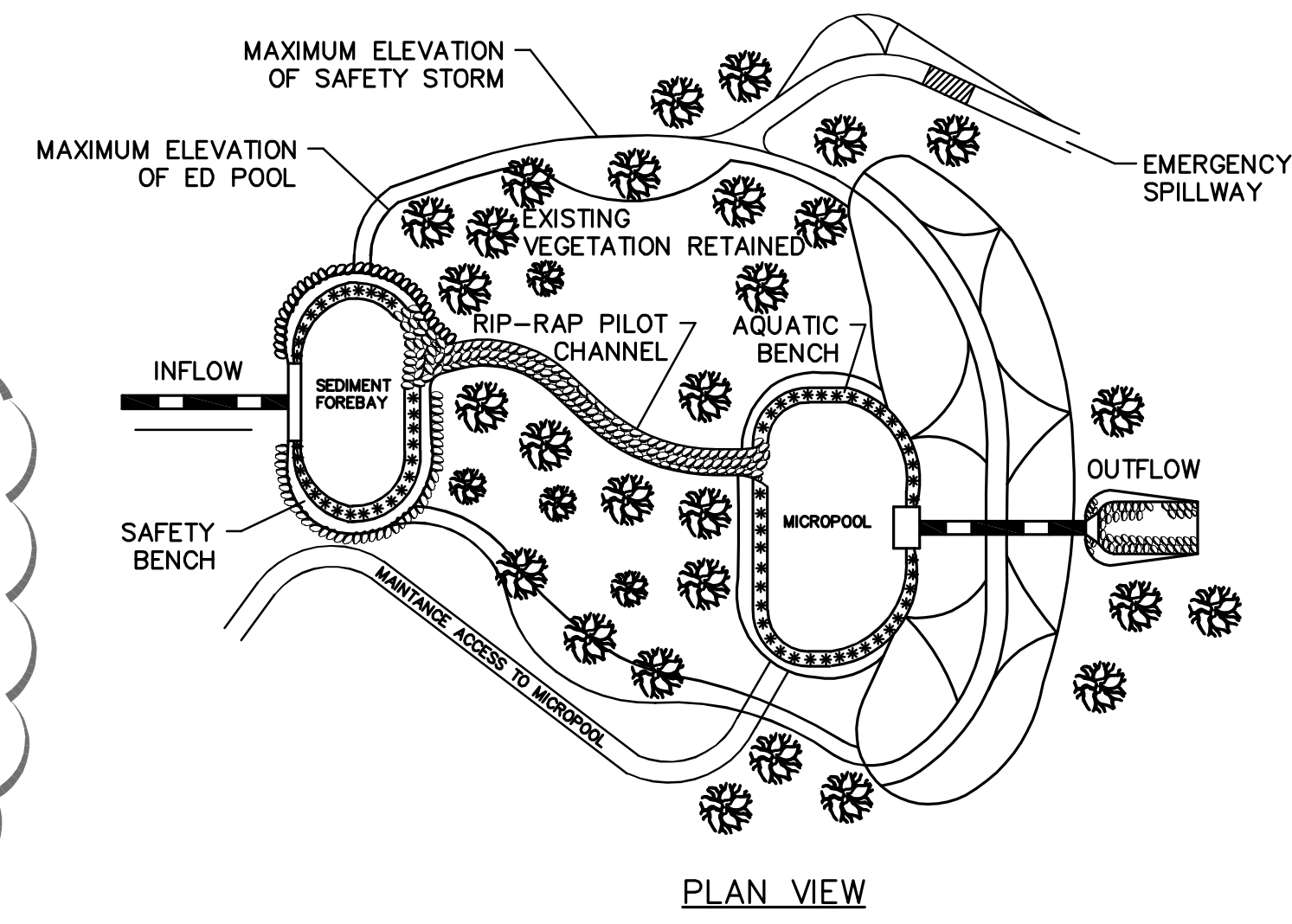
OUTLET STRUCTURE AND SECTION THRU DET. BASIN

VQ BASIN	WQ ORIFICE	WQ INV. EL.	CP ORIFICE	CP INV. EL.	LOW POND INV. EL.	LOW WEIR EL.	LOW WEIR WIDTH	HIGH WEIR EL.	HIGH WEIR WIDTH	TOP BERM ELEV.	POND DRAIN INV. IN	O.S. SUMP INV.	O.S. ST. INV. OUT	SIZE PIPE FROM O.S.	FOREBAY INV. EL.	FOREBAY DRAIN INV. EL.	POND TYPE.
#	A	B	C	D	E	F	G	H	W	J	K	L	M	N	P	Q	
POND-1	2"Ø	499.5	2.75"Ø	501.9	495.0	503.7	6.0'	505.0	20'	506.6	490.0	498.5	499.5	30"Ø	499.0	495.0	P-1

BASIN & OUTLET STRUCTURE DIMENSIONS AND ELEVATIONS CHART

* BASIN NOTES:

- ALL BERM FILL TO BE COMPACTED TO 95% MODIFIED PROCTOR MINIMUM DENSITY. LOW PERMEABLE SOIL, FREE OF ORGANIC MATERIALS, TO BE UTILIZED IN BERM CONSTRUCTION. REFER TO "TYPICAL POND SECTION" IN DETAIL SHEETS FOR ADDITIONAL BERM CONSTRUCTION DETAILS.
- A LANDSCAPING PLAN FOR THE STORM WATER DETENTION AREA AND ITS BUFFER HAS BEEN PREPARED TO INDICATE HOW AQUATIC AND TERRESTRIAL AREAS WILL BE VEGETATIVELY STABILIZED AND ESTABLISHED. REFER TO LANDSCAPING PLAN FOR DETAILS.
- SHOP DRAWINGS OF ALL STRUCTURES TO BE SUBMITTED TO THE DESIGN ENGINEER FOR APPROVAL PRIOR TO CONSTRUCTION.

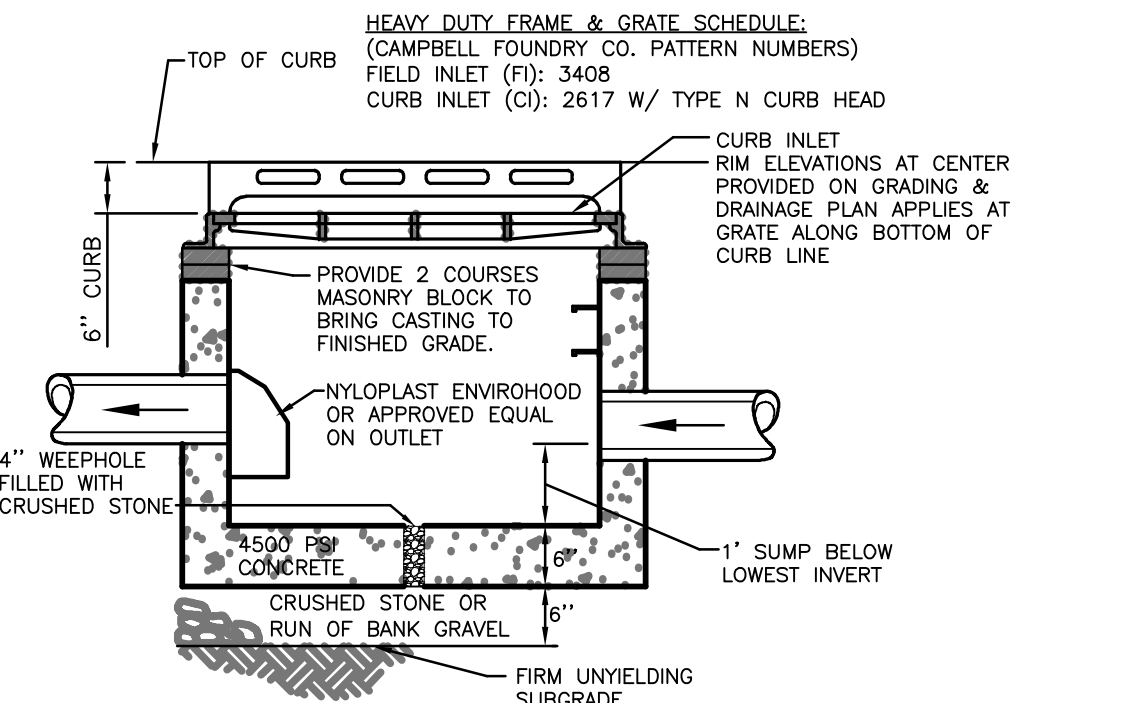


TYPICAL MICROPOOL EXTENDED DETENTION POND (P-1) DETAIL



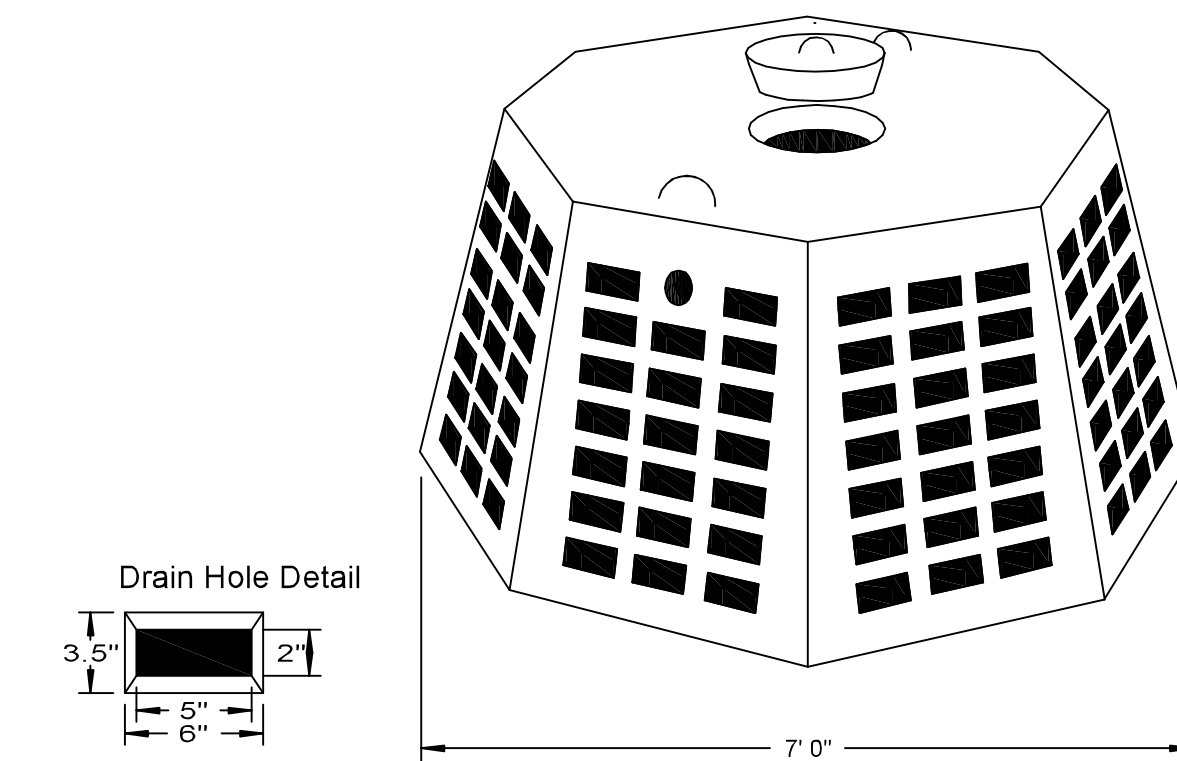
- NOTES:
1. INSERT SPDES CONSTRUCTION PERMIT NUMBER.
2. SIGN SHALL HAVE WHITE LETTERS ON GREEN BACKGROUND.

NYSDC STORMWATER MANAGEMENT PRACTICE SIGN



- NOTES:
1. SLOPE CASTINGS TO MATCH SLOPE OF FINISHED PAVEMENT GRADE.
2. MINIMUM STRENGTH CONCRETE 4500 PSI WALL THICKNESS 6" WITH ADEQUATE STEEL REINFORCEMENT TO WITHSTAND H20 HIGHWAY LOAD AND SOIL LOADS.
3. HYDROPLAST ENVIROHOOD OR APPROVED EQUAL TO BE INSTALLED ON OUTLET.

CATCH BASIN CURB INLET (CI) WITH TYPE N HEAD & FIELD INLET (FI) DETAIL

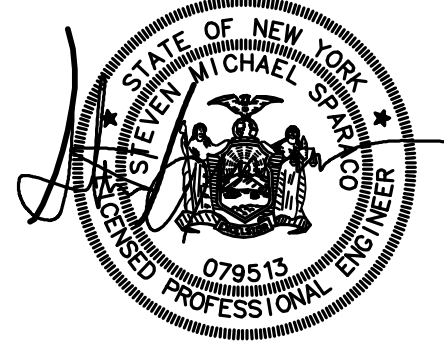


SPECIFICATIONS	PRECAST DRY WELLS MODEL DW-4 H20/ 630 GALLONS
Concrete Min. Strength: 4,000 psi at 28 days Reinforcement: #4 & #5 Rebar / ASTM A615 Air Entrainment: 5% Capacity = 630 gallons Weight = 4,500 lbs Sidewall Area = 60 square feet Load Rating: H20 / ASTM C857	Woodard's Concrete Products, Inc. 629 Lybott Road, Builville, NY 10915 (845) 361-3471 / Fax 361-1050 1/29/04

www.woodardsconcrete.com

TYPICAL 6' DIAMETER HOUSE DRYWELL DETAIL

STEVEN M. SPARACO, PE
18 NORTH MAIN STREET
HARRIMAN, NEW YORK 10926
(845) 782-8543



REVISIONS	APPROVED BY RESOLUTION OF THE PLANNING BOARD OF THE VILLAGE OF MONTEBELLO, N.Y. ON THE DAY OF 2011. SUBJECT TO ALL REQUIREMENTS AND CONDITIONS OF SAID RESOLUTION. ANY CHANGE, CRASUR, MODIFICATION OR REVISION OF THIS PLAT AS APPROVED SHALL VOID THIS APPROVAL. SIGNED THIS DAY OF 2011.
1. REV. PLANS AS PER VILL. 11-11-21	
2. REV. PLANS AS PER VILL. 12-28-21	
3. GENERAL - 2/28/24	
4. GENERAL REVISIONS - 5/25/24	
12. GENERAL REVISIONS - 7/1/24	
14. GENERAL REVISIONS - 8/19/24	
15. CHECK PRINT REV. 10-17-24	
20. REV. DETENTION POND DESIGN 5/27/25	

CHAIRMAN
CLERK

DETAILS SHEET (2 OF 2) FOR
REVISED SUBDIVISION OF
STONEHEDGE HEIGHTS
LOCATED IN
VILLAGE OF MONTEBELLO
TOWN OF RAMAPO
ROCKLAND COUNTY, NEW YORK

SPARACO & YOUNGBLOOD, PLLC CIVIL ENGINEERING • LAND SURVEYING SITE PLANNING 18 NORTH MAIN STREET P.O. BOX 818 HARRIMAN, NY 10926 TEL: (845) 782-8543 FAX: (845) 782-5901 SPARACO@SPARACOENGINEERING.COM	YB-4606 AUG. 4, 2021 AS NOTED 12 OF 12
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