

FINAL SECTION 1 PLANS

for

PIERCE BROOK SUBDIVISION

STATE ROUTE 21 SOUTH, T.A. NO. 97.02-1-52.1
PARRISH STREET EXTENSION, T.A.NO. 97.00-2-2.1

SITUATE IN:

TOWN OF CANANDAIGUA - ONTARIO COUNTY - STATE OF NEW YORK

OVERALL PROJECT INFORMATION

(1.0) GENERAL

(1.1) APPLICANT:

MORRELL BUILDERS, INC.
1501 PITTSFORD VICTOR ROAD SUITE 100
VICTOR NY 14564

(1.2) TAX ACCOUNT NUMBERS:

MILLER PARCEL 97.02-1-52.100
WILKIN PARCEL 97.00-2-2.100

(1.3) PARCEL AREA:

MILLER PARCEL 54.4 +/- ACRES
WILKIN PARCEL 40.4 +/- ACRES
TOTAL 94.8 +/- ACRES

(2.0) ZONING REGULATIONS:

THE FOLLOWING SYNOPSIS IS COMPILED FROM THE TOWN CODE AND IS BASED ON THE APPLICABLE ZONING REGULATIONS FOR THIS APPLICATION:

(2.1) PARCEL DESIGNATION:

SOUTHERN CORRIDOR RESIDENTIAL SCR-1 93.6 +/- ACRES
RESIDENTIAL R1-20 1.2 +/- ACRES
TOTAL 94.8 +/- ACRES

(2.2) PERMITTED DENSITY:

SCR-1 1 UNIT / ACRE
R1-20 1 UNIT / 20,000 SQUARE FEET

(2.3) DIMENSIONAL REQUIREMENTS FOR SCR-1 ZONING:

- a. MINIMUM LOT WIDTH (FT) 125
b. MINIMUM SETBACKS (FT):
• FRONT 60
• REAR 40
• SIDE 25
c. MAXIMUM BUILDING HEIGHT (FT) 35
d. MAXIMUM BUILDING COVERAGE ON LOT 20%

(3.0) CONSERVATION SUBDIVISION

WE ARE REQUESTING THIS DEVELOPMENT BE CONSIDERED AS A CONSERVATION SUBDIVISION WITH INCREASED DENSITY AS ALLOWED UNDER CHAPTER 174 OF THE CODE. THE FOLLOWING IS A SUMMARY SUPPORTING THIS REQUEST.

(3.1) BASE DENSITY

CALCULATED AS (TOTAL ACREAGE – CONSTRAINED LANDS) / ALLOWABLE DENSITY

SCR-1:
93.5 – 13.5 = 80.0 ACRES / 1 UNIT PER ACRE = 80.0 UNITS
R1-20:
55,492 – 5,958 = 49,534 SF / 1 UNIT PER 20,000 SF = 2.4 UNITS

TOTAL BASE DENSITY = 82.4 = 82 UNITS

(3.2) ADDITIONAL DENSITY:

PARAGRAPH C(1)(B) OF CHAPTER 174-16 ALLOWS FOR A 15% INCREASE BY THE TOWN BOARD WHEN "SERVED BY PUBLIC WATER AND SEWER, IF PERMANENT PUBLIC ACCESS WILL BE GRANTED TO THE PROTECTED OPEN SPACE LAND AND ANY ASSOCIATED IMPROVEMENTS".

15% OF 82 UNITS IS 12 ADDITIONAL UNITS RESULTING IN A TOTAL ALLOWABLE DENSITY OF 94 UNITS

* ON APRIL 19, 2021, THE TOWN BOARD AUTHORIZED THE PLANNING BOARD TO APPROVE UP TO A 15% DENSITY INCREASE

(4.0) PLAN DATA:

SIGNIFICANT FEATURES OF THIS FOR SALE SINGLE-FAMILY TOWN HOME DEVELOPMENT

(4.1) BUILDING TYPES:

TWO-UNIT BUILDING (TYPE A) 25 = 50 UNITS
THREE-UNIT BUILDING (TYPE B) 14 = 42 UNITS
TOTAL = 92 UNITS

(4.2) SITE ALLOCATION

DEVELOPMENT AREA 23 +/- ACRES (24 %)
OPEN SPACE 72 +/- ACRES (76%)
TOTAL 95 +/- ACRES (100%)

(4.3) DIMENSIONAL CONTROL

RIGHT-OF-WAY 60 FT
MINIMUM SETBACK FROM RIGHT-OF-WAY 25 FT
MINIMUM DISTANCE PRINCIPAL STRUCTURE TO EXTERNAL PROPERTY LINE 40 FT

(4.4) ROADWAY FRONTAGE:

ALONG BUILDINGS 3,750 +/- FT
(TOWN DETAIL H-2.2 "SUBDIVISION ROAD"; 22 FT WIDE WITH 30" GUTTERS)

(4.5) UTILITIES

PUBLIC WATER TO TOWN OF CANANDAIGUA, LOOPED
PUBLIC SANITARY TO ONTARIO COUNTY DEPARTMENT OF PUBLIC WORKS
PUBLIC STORM SYSTEMS TO TOWN OF CANANDAIGUA
STORMWATER FACILITIES – MAINTAINED BY HOMEOWNER'S ASSOCIATION (HOA)
ELECTRIC SERVICE TO ROCHESTER GAS AND ELECTRIC (RG&E)
GAS SERVICE TO NYSEG / GENEVA GAS

(4.6) MISCELLANEOUS

- SIDEWALKS (ONE SIDE)
- TRAILS – NATURAL SURFACE (I.E. GRASS) LOCATION DEFINED WITH TOWN INPUT
- OPEN SPACE (DEDICATED OR MAINTAINED BY HOA)
- PEDESTRIAN LINK TO TOWN PARK / TOWN TRAIL

(5.0) CONSERVATION SUBDIVISION SUPPORTING DATA:

(5.1) OPEN SPACE

THIS PLAN OFFERS 80 +/- ACRES OF TOTAL OPEN SPACE (84%) WHEREAS THE MINIMUM REQUIRED OPEN SPACE UNDER CONSERVATION EASEMENT IS 48 +/- ACRES; AN INCREASE OF 32 +/- ACRES OR 66% ABOVE REQUIREMENT
(MINIMUM OPEN SPACE IS CONSTRAINED LANDS PLUS 40% OF DEVELOPABLE LAND)

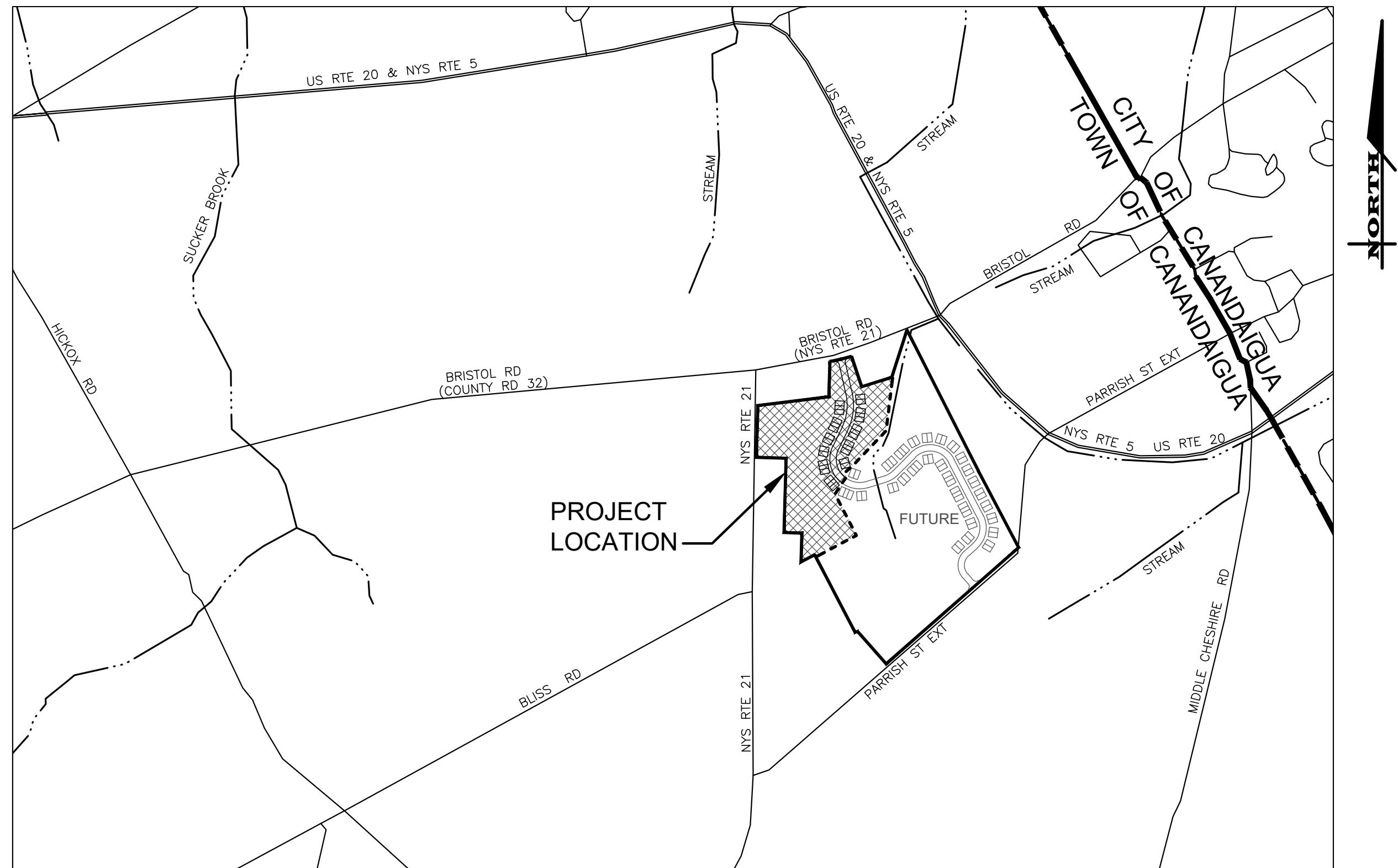
(5.2) NATURAL RESOURCES

THE LONG-TERM PRESERVATION OF THESE PARCELS' NATURAL RESOURCES WITHIN THE OPEN SPACE IS ONE OF THIS APPLICATION'S MOST BENEFICIAL ASPECTS; A STANDARD SCR-1 PROPOSAL DOES NOT ACCOUNT OR ALLOW FOR THIS PROTECTION. THE TOWN'S UPDATED "NATURAL RESOURCES INVENTORY" (NRI, DATED NOV 2020) IDENTIFIES THESE RESOURCES; THE FOLLOWING SUMMARIZES HOW THIS CONSERVATION SUBDIVISION APPLICATION ADDRESSES THIS PRESERVATION.

- **FARMLAND** – PORTIONS OF THESE PARCELS HAVE THE POTENTIAL TO BE PLANTED BY THE LOCAL FARMING COMMUNITY.
- **WOODLANDS** – THE EXISTING 7.5 ACRES OF WOODLANDS WILL BE PROTECTED.
- **LAND COVER** – THIS "CLUSTER" DEVELOPMENT APPROACH PRESERVES A SUBSTANTIAL AMOUNT OF NATURAL LAND COVER. FOR EXAMPLE, SCR-1 ZONING ALLOWS FOR UP TO 20% IMPERVIOUS AREA, THIS PLAN HAS ONLY APPROXIMATELY 6 – 7% IMPERVIOUS AREA.
- **ENDANGERED/THREATENED SPECIES** – THERE ARE NO KNOWN ENDANGERED OR THREATENED SPECIES ON THESE PARCELS. A CONSERVATION SUBDIVISION WILL ALLOW FOR SIGNIFICANTLY GREATER AREA FOR THE INDIGENOUS WILDLIFE AND THE INTERCONNECTION IS BETTER THEREBY FACILITATING MOVEMENT WITHIN AREAS.
- **WATER RESOURCES** – THIS PLAN PRESERVES THE FEDERALLY PROTECTED WETLAND, STREAM CORRIDOR AND FARM POND. STORMWATER FACILITIES WILL BE DESIGNED TO MEET REGULATIONS WHETHER THIS AREA IS DEVELOPED UNDER THE SCR-1 OR A CONSERVATION ZONING.
- **PUBLIC OR PROTECTED LAND** – A TOWN PARK IS ADJACENT TO THIS DEVELOPMENT IMMEDIATELY TO THE WEST. THIS PROVIDES A UNIQUE OPPORTUNITY FOR CONNECTION OF THE OPEN SPACE AND THE TOWN PARK. THE APPLICANT LOOKS FORWARD TO WORKING WITH TOWN STAFF AND BOARDS TO IDENTIFY THE BEST WAY TO LEVERAGE THIS OPPORTUNITY.
- **SCENIC VIEWS** – NO VISIBILITY OF THE DEVELOPMENT EXISTS FROM EASTERLY LOCATIONS TO THE SITE. THE ENTIRE DEVELOPMENT IS LESS THAN ELEVATION 1000. THE AREA HIGH POINT IS LOCATED FURTHER WEST APPROACHING THE PARRISH STREET EXTENSION AND RT. 21 INTERSECTION. THE EASTERN PROPERTY LINE OF THE DEVELOPMENT IS BUFFERED/HIDDEN BY THE STEEP GRADE AND MATURE TREE LINE WHICH WILL BE PRESERVED AND ENHANCED WITH THIS APPLICATION.
- **STEEP SLOPES** – THIS SITE CONTAINS AN AREA OF 1.2 ACRES WHERE THE GRADE MEETS OR EXCEEDS 15%; THIS AREA WILL BE FULLY WITHIN THE OPEN SPACE AND THEREFORE PROTECTED.

PRELIMINARY OVERALL CONDITIONS OF APPROVAL

1. THE PRELIMINARY OVERALL (PHASED) SUBDIVISION PLAN APPROVAL WITH CONDITIONS AS SPECIFIED IS VALID FOR A PERIOD OF 180 DAYS FROM TODAY. IF REVISED PRELIMINARY OVERALL (PHASED) SUBDIVISION PLANS MEETING ALL CONDITIONS OF APPROVAL HAVE NOT BEEN SUBMITTED AND SIGNED PRIOR TO THE END OF THIS PERIOD, THAN THIS RESOLUTION SHALL BECOME NULL AND VOID UNLESS AN EXTENSION IS REQUESTED BY THE APPLICANT AND APPROVED BY THE PLANNING BOARD AT A LATER DATE WITH A SEPARATE RESOLUTION.
2. ONCE THE PRELIMINARY OVERALL SUBDIVISION PLANS ARE SIGNED BY THE PLANNING BOARD CHAIRMAN THEY'RE TO BE FILED IN THE OFFICE OF THE ONTARIO COUNTY CLERK WITHIN SIXTY-TWO (62) DAYS FROM THE DATE OF APPROVAL OR SUCH APPROVAL SHALL EXPIRE (NYS TOWN LAW SECTION 276-11).
3. PAYMENT OF A FEE IN LIEU OF A SET ASIDE OF PARKLAND SHALL BE MADE AT THE TIME OF ISSUANCE OF BUILDING PERMITS PURSUANT TO TOWN CODE CHAPTER 111 AND NYS TOWN LAW.
4. A MANAGEMENT AND OPERATION PLAN/ AGREEMENT AND HOA DOCUMENTS FOR THE OVERALL PROJECT SHALL BE SUBMITTED TO THE TOWN ATTORNEY FOR REVIEW AND APPROVAL AND SUCH APPROVAL SHALL BE OBTAINED PRIOR TO THE PLANNING BOARD CHAIRMAN'S SIGNATURE BEING AFFIXED TO THE FINAL PHASE 1 SUBDIVISION PLANS.
5. THE COMMENTS WITHIN THE TOWN ENGINEER COMMENT LETTER DATED SEPTEMBER 14, 2021 AND ANY SUBSEQUENT REVIEWS ARE TO BE ADDRESSED TO THE SATISFACTION OF THE TOWN ENGINEER PRIOR TO SIGNING BY THE PLANNING BOARD CHAIRMAN.
6. THE COMMENTS WITHIN THE TOWN HIGHWAY & WATER SUPERINTENDENT COMMENT LETTER AND ANY SUBSEQUENT REVIEWS ARE TO BE ADDRESSED TO THE SATISFACTION OF THE TOWN HIGHWAY & WATER SUPERINTENDENT PRIOR TO SIGNING BY THE PLANNING BOARD CHAIRMAN.
7. ALL COMMENTS FROM CANANDAIGUA LAKE COUNTY SEWER DISTRICT ARE TO BE ADDRESSED AND APPROVAL OF THE SANITARY SEWER DESIGN AND DISTRICT EXTENSION ARE REQUIRED AS PART OF THE FINAL PHASE 1 SUBDIVISION PLAN APPROVAL.
8. ALL COMMENTS FROM NYS DEPARTMENT OF TRANSPORTATION (DOT) ARE TO BE ADDRESSED AND APPROVAL OF THE DESIGN AS PART OF THE FINAL PHASE 1 SUBDIVISION PLAN APPROVAL.
9. THE PRELIMINARY OVERALL (PHASED) SUBDIVISION PLANS ARE TO BE REVISED TO IDENTIFY A CONSERVATION EASEMENT OVER THE OPEN SPACE AREAS, INCLUDING THE PUBLIC TRAILS, AND STREAM CORRIDOR. THE MANAGEMENT AND OPERATION PLAN/ AGREEMENT FOR THE CONSERVATION EASEMENT SHALL BE SUBMITTED TO THE TOWN ATTORNEY FOR REVIEW AND APPROVAL AND SUCH APPROVAL SHALL BE OBTAINED PRIOR TO THE PLANNING BOARD CHAIRMAN'S SIGNATURE BEING AFFIXED TO THE FINAL PHASE 1 SUBDIVISION PLANS.
10. THE SURFACE AND LOCATION OF ALL PROPOSED TRAILS HAVE NOT YET BEEN DETERMINED BY THE PLANNING BOARD AND WILL BE DISCUSSED AS PART OF FINAL PHASE 1 SUBDIVISION PLAN REVIEW.



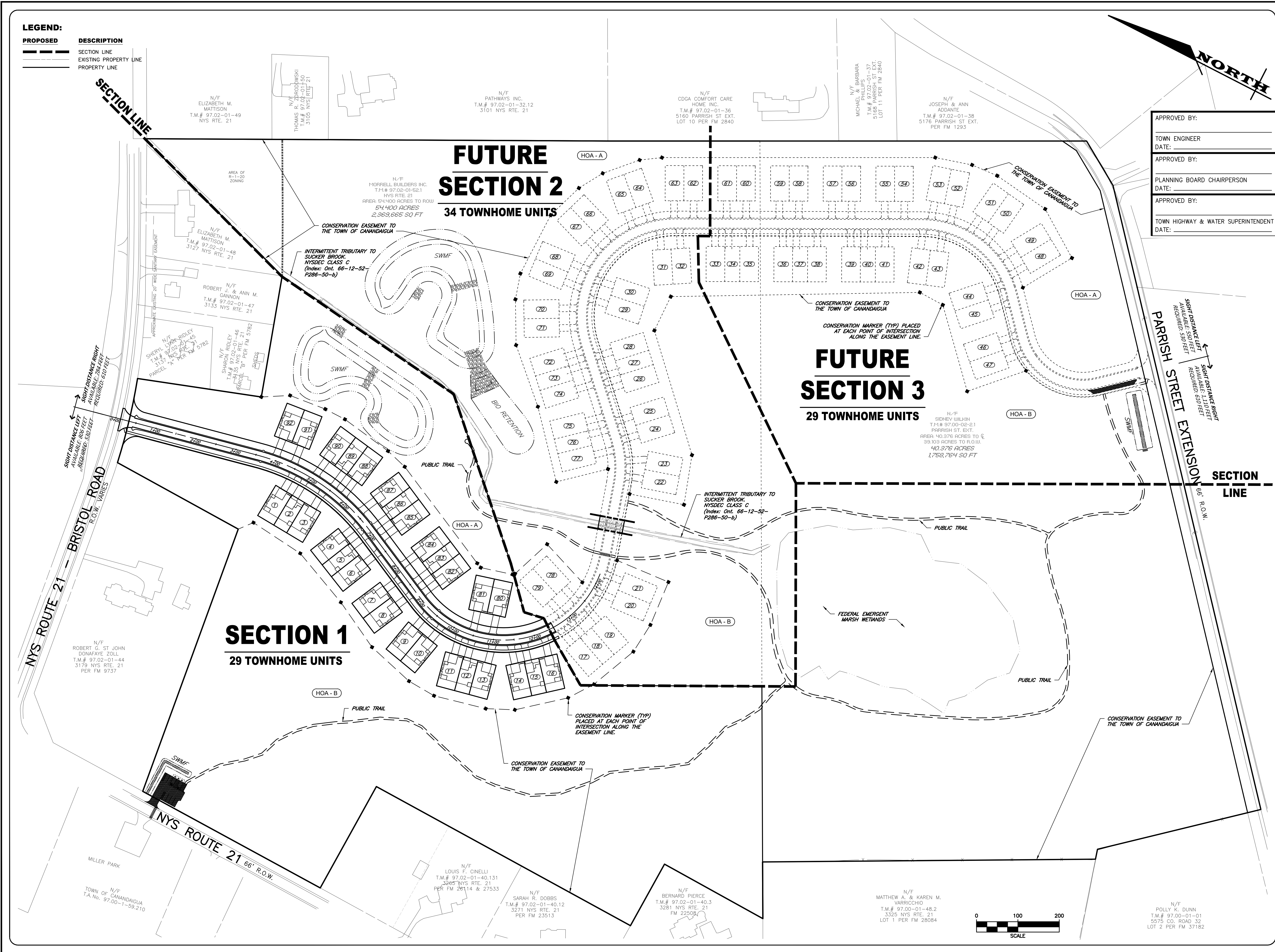
LOCATION MAP

NOT TO SCALE



PIERCE BROOK SUBDIVISION SHEET TABLE		
SHEET NUMBER	DRAWING NUMBER	DRAWING TITLE
–	COVER	COVER
1	C0.1	NOTE, ABBREVIATIONS, AND SPECIFICATIONS
2	C1.0	OVERALL PLAN
3	C2.0	SUBDIVISION PLAN (SHEET 1 OF 2)
4	C2.1	SUBDIVISION PLAN (SHEET 2 OF 2)
5	C3.0	UTILITY PLAN
6	C4.0	GRADING PLAN
7	C5.0	EROSION AND SEDIMENT CONTROL PLAN
8	C5.1	EROSION AND SEDIMENT CONTROL DETAILS
9	C6.0	CENTERLINE PROFILE
10	C7.0	LANDSCAPING PLAN
11	C8.0	EXISTING CONDITIONS, DEMOLITION, AND NATURAL FEATURES PLAN
12	C9.0	CONSTRUCTION DETAILS
13	C9.1	CONSTRUCTION DETAILS
14	C9.2	CONSTRUCTION DETAILS
15	C10.0	NYSDOT UTILITY PERMIT PLAN

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PARRISH STREET EXTENSION, T.A. NO. 97.00-2-2.1

TOWN OF CANANDAIGUA ONTARIO COUNTY STATE OF NEW YORK

JOB NO: 1022-19
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DESIGNED: RJT
DATE: 11/10/21

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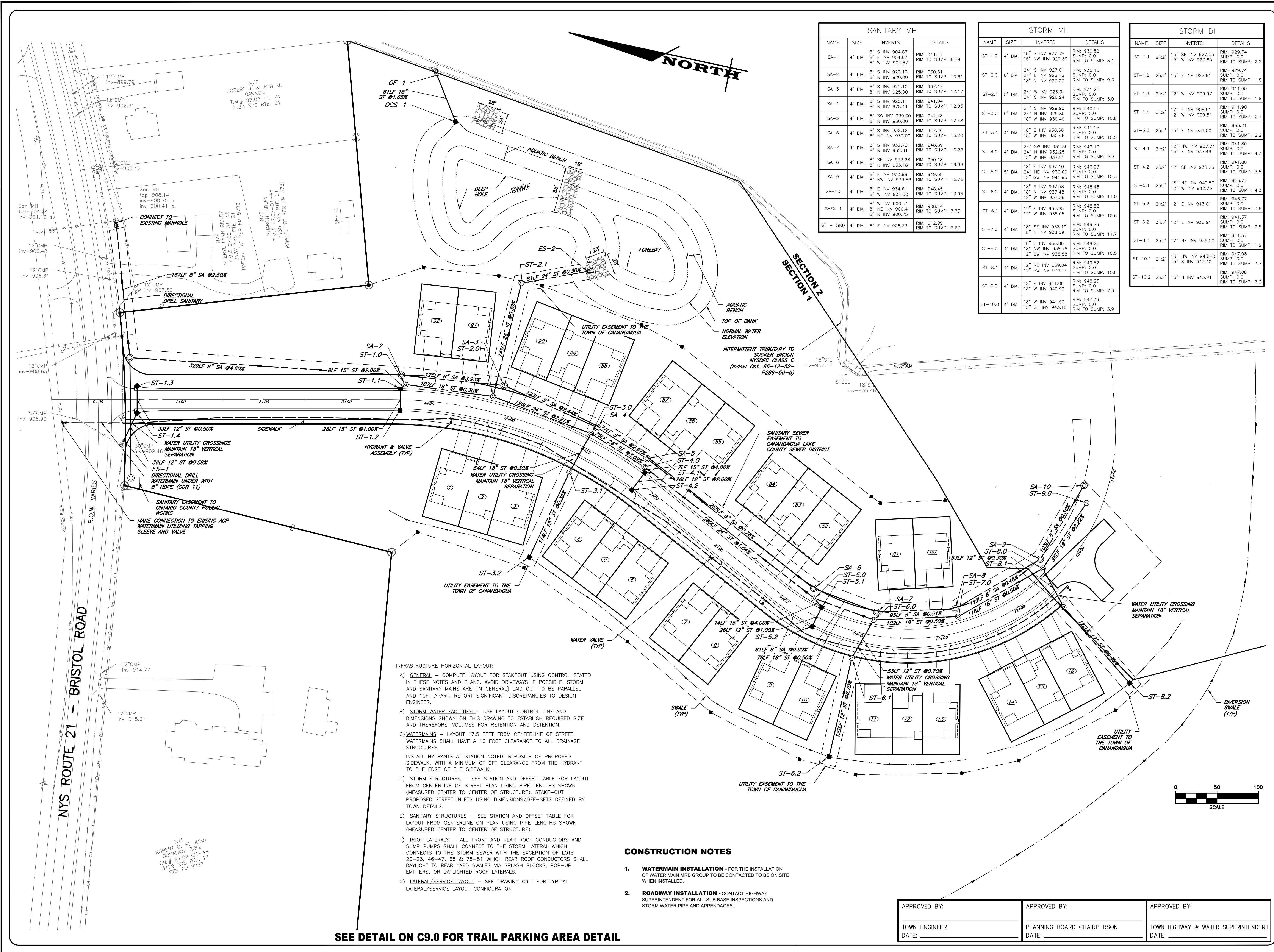
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STATE OF NEW YORK
ROBERT P. BRINGLEY
NO. 066924
LICENSED PROFESSIONAL ENGINEER
ROBERT P. BRINGLEY

DRAWING TITLE:
OVERALL PLAN

2 of 15	C1.0
SHEET No:	
1022-19	DRAWING No:
JOB No:	

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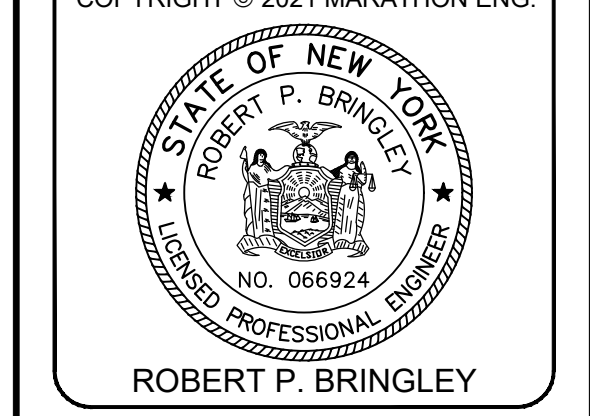
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UTILITY PLAN

5 of 15 SHEET No:	C3.0
1022-19 JOB No:	
DRAWING No:	

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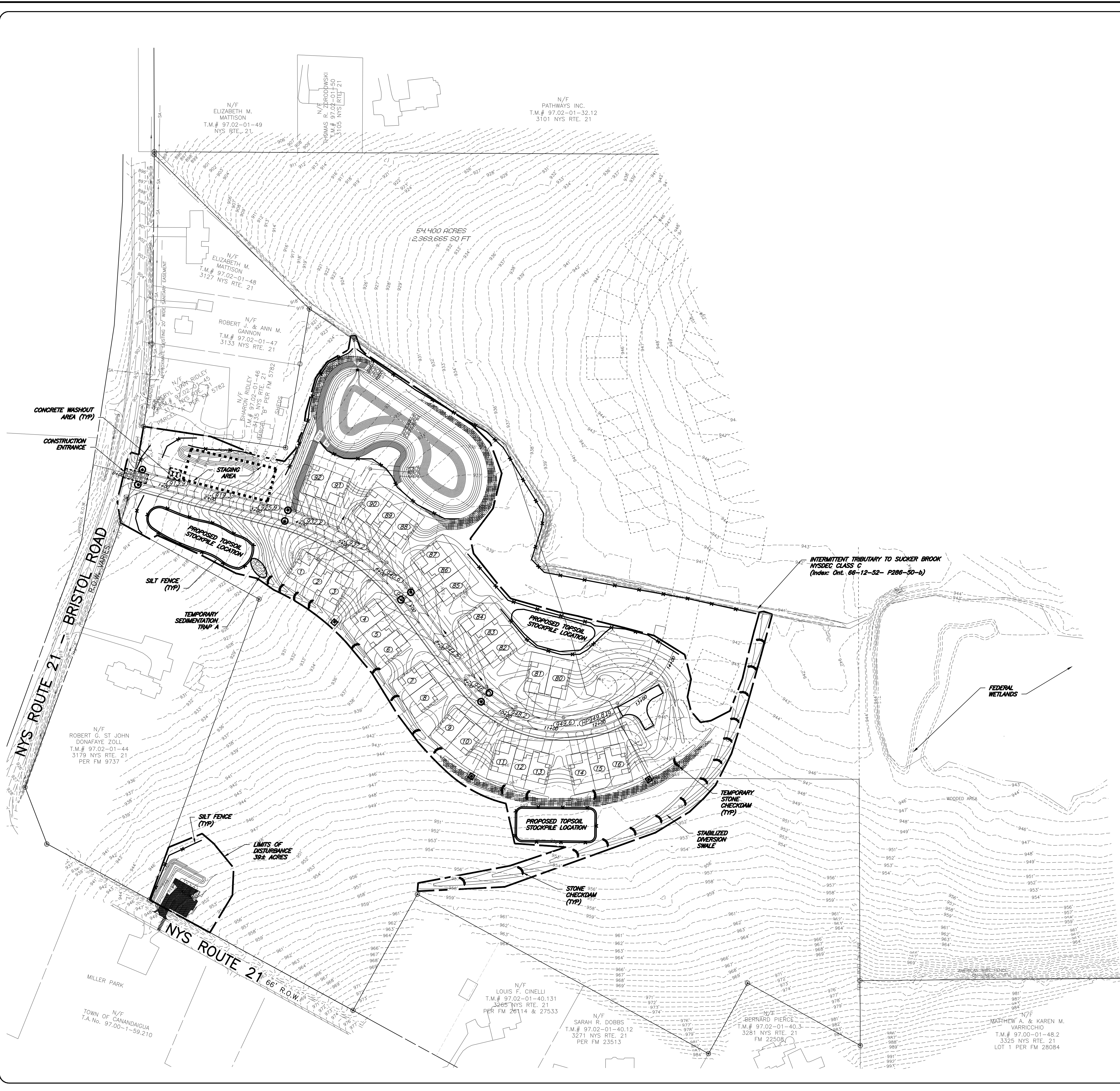
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DRAWING TITLE: GRADING PLAN	
6 of 15 SHEET No:	C4.0
1022-19 JOB No:	

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TOWN ENGINEER	
DATE:	
APPROVED BY:	
PLANNING BOARD CHAIRPERSON	
DATE:	
APPROVED BY:	
TOWN HIGHWAY & WATER SUPERINTENDENT	
DATE:	

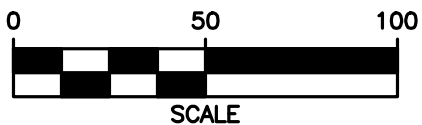
SEE DETAIL ON C9.0 FOR TRAIL PARKING AREA DETAIL

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TEMPORARY SEDIMENT TRAPS					
TRAP ID	DRAINAGE AREA± (AC)	REQUIRED VOLUME (C.F.)	MIN. DEPTH (FT)	TRAP AREA DIMENSIONS	PROVIDED VOLUME (C.F.)
'A'	0.8	2880	6	15'± X 32'±	2880±
'B'	0.2	720	5	8'± X 20'±	800±
'C'	0.4	1440	5	12'± X 25'±	1500±
'D'	0.6	2160	5	15'± X 30'±	2250±

- CONSTRUCTION PHASING AND SEQUENCING**
(THE FOLLOWING PHASING AND SEQUENCING ARE GENERIC IN NATURE. A FINAL PHASING AND SEQUENCING ORDER WILL BE DEVELOPED WITH EACH SECTION)
- DELINEATE AND PROTECT EXISTING VEGETATION AND ENVIRONMENTAL FEATURES TO REMAIN.
 - INSTALL CONSTRUCTION ENTRANCE.
 - INSTALL PERIMETER SEDIMENT CONTROLS.
 - ESTABLISH STAGING AREA
 - INSTALL TRUCK WASH ADJACENT TO STABILIZED CONSTRUCTION ENTRANCE.
 - CLEAR AND GRUB FOR WATER DIVERSIONS, CONSTRUCT DIVERSION SWALES AS NEEDED. STABILIZE SOILS OF ANY NEW CHANNELS.
 - COMPLETE CLEARING AND GRUBBING.
 - PLACE EROSION CONTROL MEASURES AT TOPSOIL STOCKPILES.
 - INSTALL ADDITIONAL EROSION AND SEDIMENT CONTROLS ACCORDING TO PLAN.
 - STRIP AND STOCKPILE TOPSOIL AND GRADE SITE. DISTURBANCE SHALL BE LIMITED TO LESS THAN 5 ACRES AT ANY ONE TIME UNLESS A 5-ACRE WAIVER IS GRANTED.
 - GRADE AND INSTALL POND
 - STABILIZE DENUED AREAS AND STOCKPILES WITHIN 14 DAYS (7 DAYS WITH 5-ACRE WAIVER) OF LAST CONSTRUCTION ACTIVITY IN EACH AREA
 - INSTALL UTILITIES
 - BOX OUT ROAD AND APPLY STONE TO ROADS
 - CONSTRUCT BUILDING FOUNDATIONS
 - COMPLETE GRADING, REAPPLY TOPSOIL, AND INSTALL PERMANENT SEEDING, FERTILIZER AND MULCH.
 - COMPLETE FINAL PAVING.
 - REMOVE ACCUMULATED SEDIMENT FOR PLUNGE POOL/SEDIMENT TRAPS
 - REMOVE ALL SEDIMENT CONTROL PRODUCTS AFTER SOILS ARE STABILIZED.



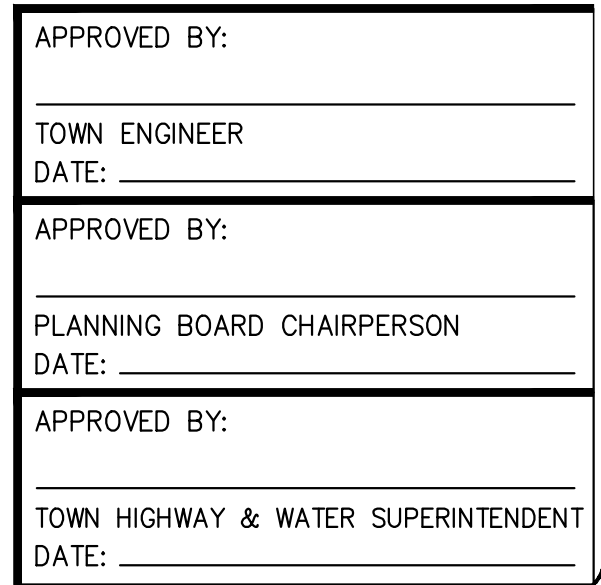
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APPROVED BY:	
PLANNING BOARD CHAIRPERSON	
DATE:	
APPROVED BY:	
TOWN HIGHWAY & WATER SUPERINTENDENT	
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DRAWING TITLE:	
EROSION AND SEDIMENT CONTROL PLAN	
7 of 15	C5.0
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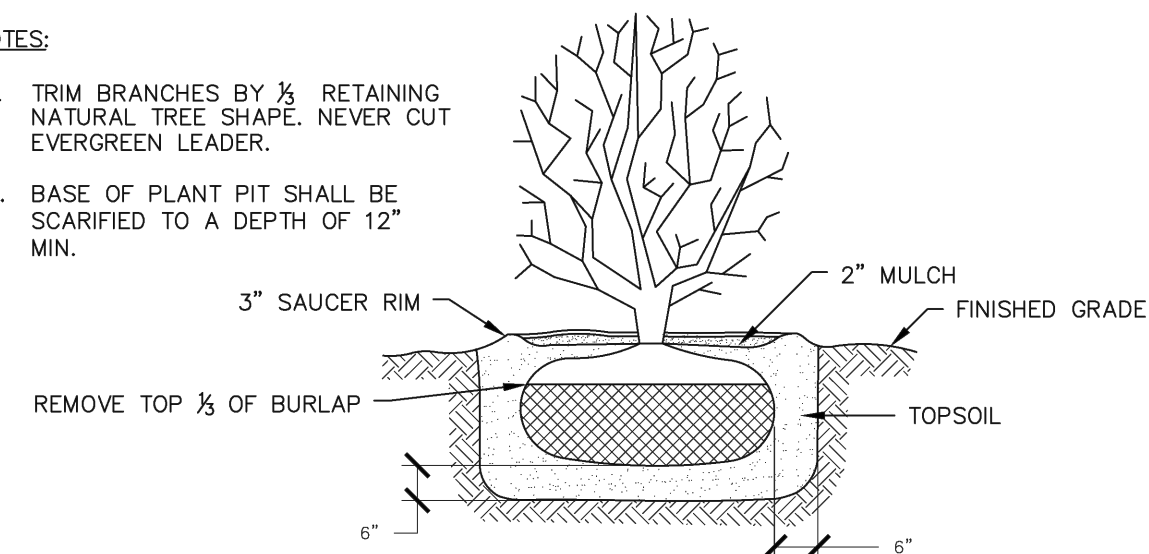
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LANDSCAPING SCHEDULE						
KEY	BOTANICAL NAME	COMMON NAME	QTY.	SIZE	ROOT	REMARKS
AR	ACER RUBRUM 'RED SUNSET'	RED SUNSET MAPLE	6	2 1/2 - 3" CALIPER	B&B	
AS	ACER SACCHARUM	SUGAR MAPLE	10	2 1/2 - 3" CALIPER	B&B	
QR	QUERCUS RUBRA	NORTHERN RED OAK	4	2 1/2 - 3" CALIPER	B&B	
PA	PICEA ABIES	NORWAY SPRUCE	23	6-7' HT	B&B	

NOTES:

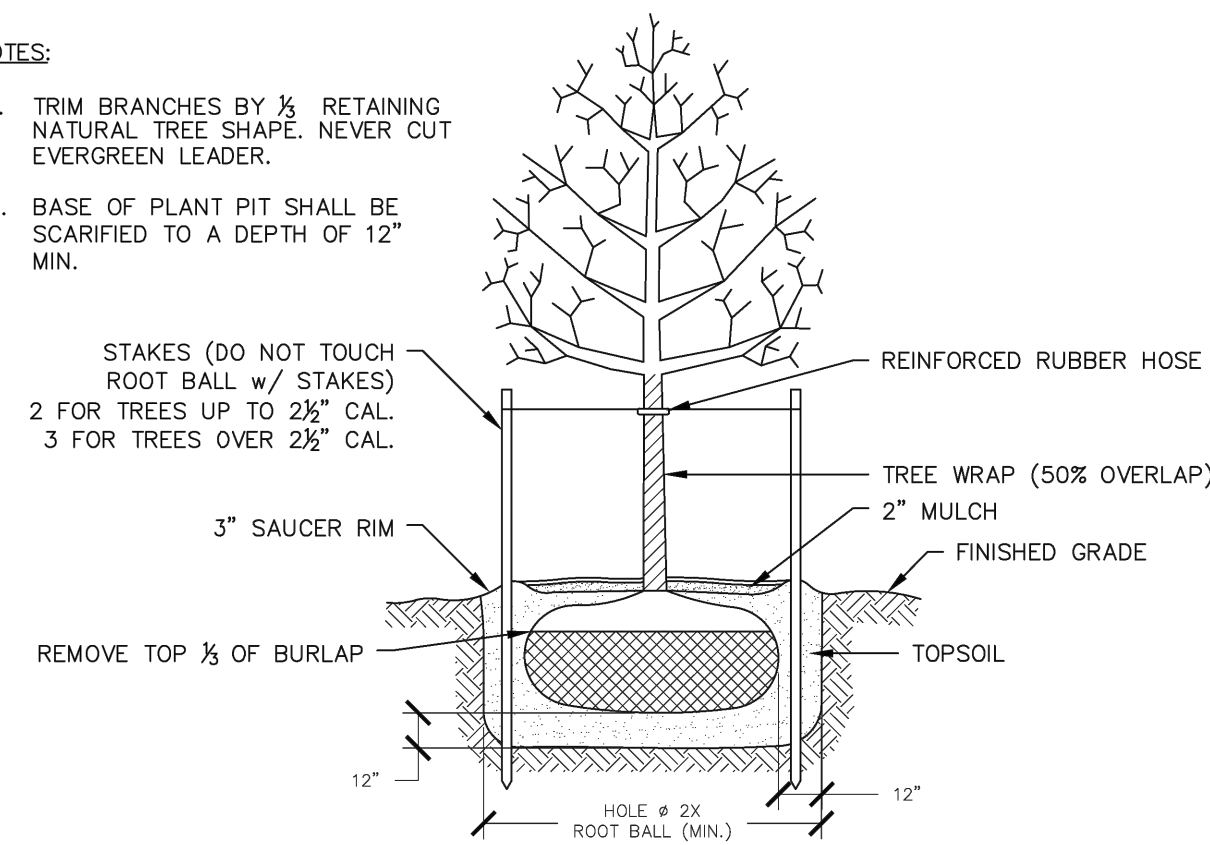
1. TRIM BRANCHES BY $\frac{1}{2}$ RETAINING NATURAL TREE SHAPE. NEVER CUT EVERGREEN LEADER.
2. BASE OF PLANT PIT SHALL BE SCARIFIED TO A DEPTH OF 12" MIN.



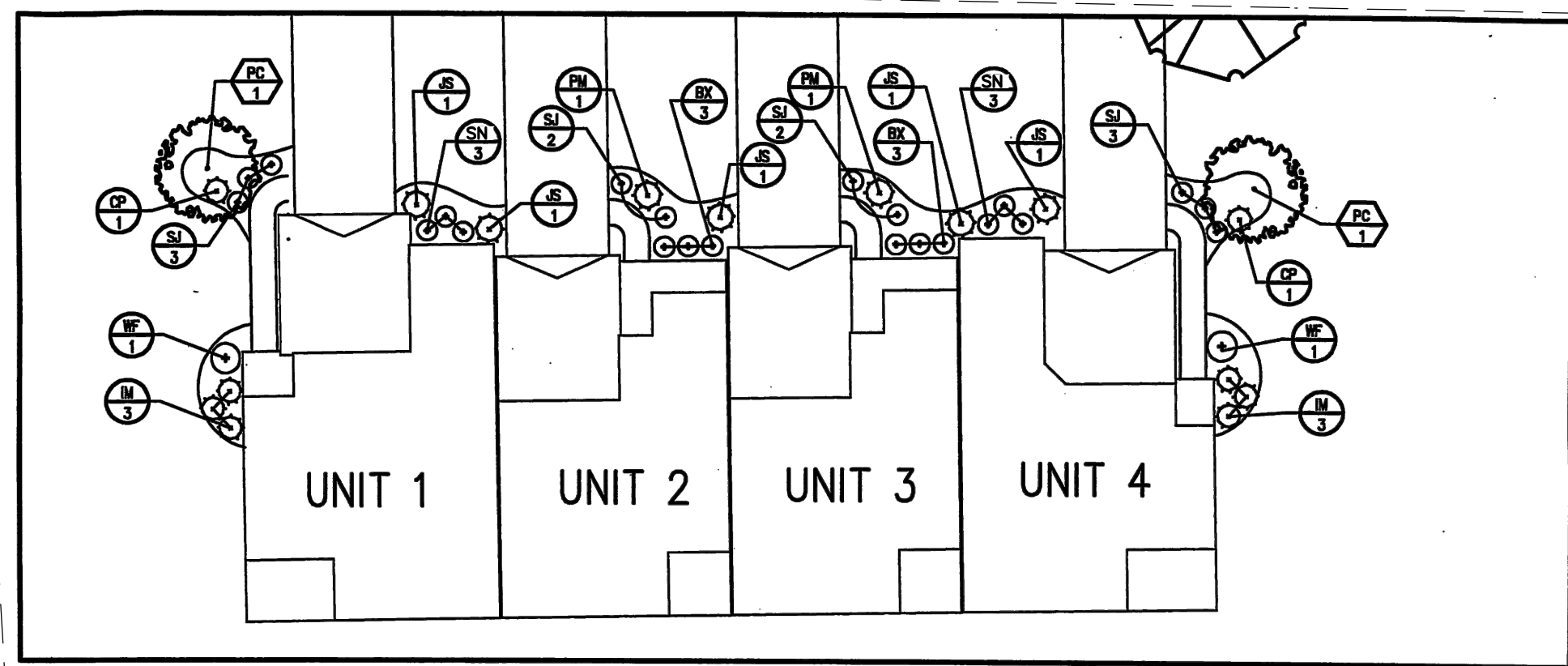
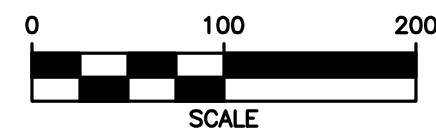
1 SHRUB PLANTINGS
STANDARD TOWN DETAIL (G-4.0)
LAST REVISED 2018

NOTES:

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2. BASE OF PLANT PIT SHALL BE SCARIFIED TO A DEPTH OF 12" MIN.



2 TREE PLANTINGS
STANDARD TOWN DETAIL (G-4.0)
LAST REVISED 2018



TOWNHOME LANDSCAPE DETAIL (TYPICAL)

SCALE: 1" = 20'

TOWNHOME FOUNDATION/BUILDING PLANT MATERIALS LIST

4-UNIT PER BLDG. QTY.	2-UNIT PER BLDG. QTY.	KEY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	COMMENTS
6	6	BX	Buxus x 'Green Velvet'	Green Velvet Boxwood	3 gal.	Cont.	
6	6	SN	Spiraea x. 'Neon Flash'	Neon Flash Spiraea	3 gal.	Cont.	
2	2	GP	Chamaecyparis platensis 'Filius Aurei'	Gold Filiae Cypress	3 gal.	Cont.	
6	6	IM	Illex mesqueroe 'Blue Princess'	Blue Princess Blue Holly (R)	3 gal.	Cont.	
5	2	JS	Juniperus squarularum 'Witchita Blue'	Witchita Blue Juniper	5 gal.	Cont.	
2	2	PM	Pinus mugo 'mugo'	Dwarf Mugo Pine	3 gal.	Cont.	
10	6	SJ	Spiraea japonica 'Little Princess'	Little Princess Spiraea	3 gal.	Cont.	
2	2	WF	Weinmannia floribunda	Old Fashioned Weigela	3 gal.	Cont.	
TREES							
2	1	PC	Pinus caryoniana 'Cleveland Select'	Cleveland Select Callery Pear	2" cal.	B&B	

APPROVED BY:

TOWN ENGINEER
DATE:

APPROVED BY:

PLANNING BOARD CHAIRPERSON
DATE:

APPROVED BY:

TOWN HIGHWAY & WATER SUPERINTENDENT
DATE:

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REVISIONS
DATE BY REVISION

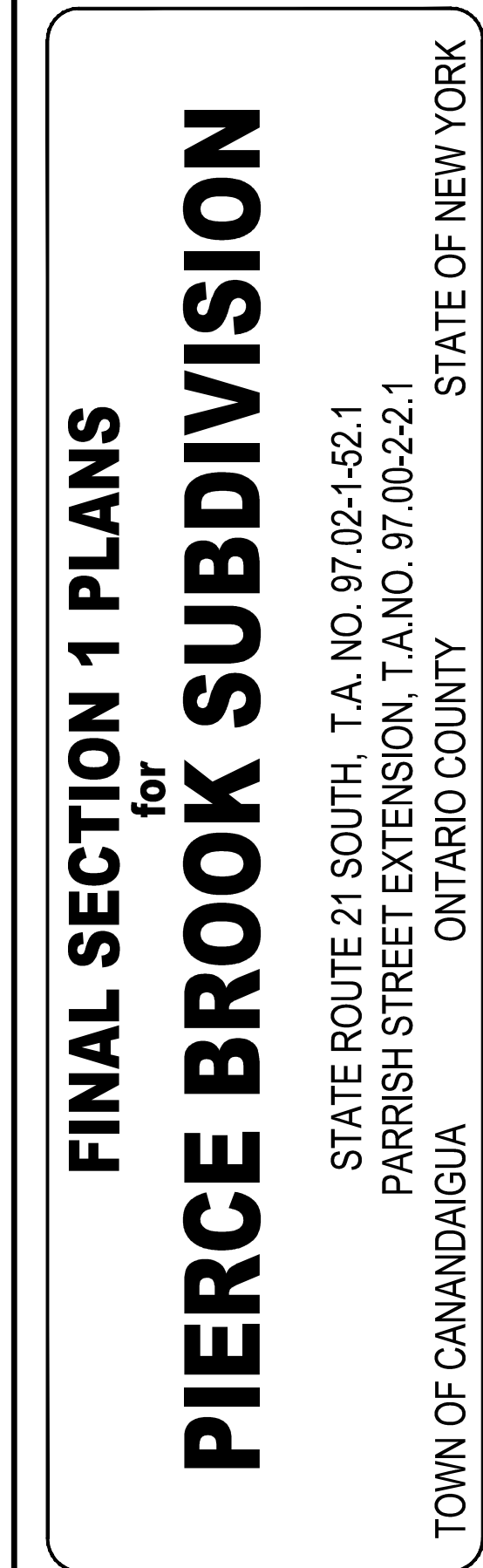
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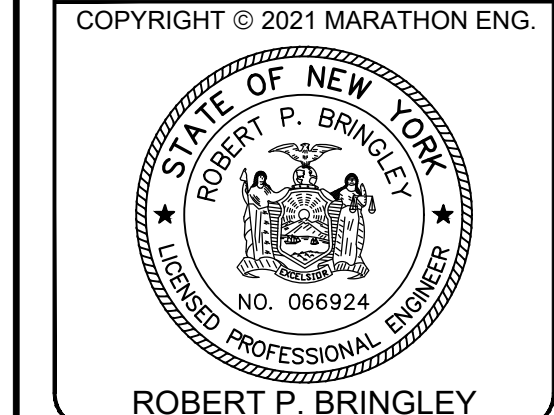
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LANDSCAPING PLAN

10 of 15
SHEET No: **C7.0**
1022-19
JOB No: DRAWING No:

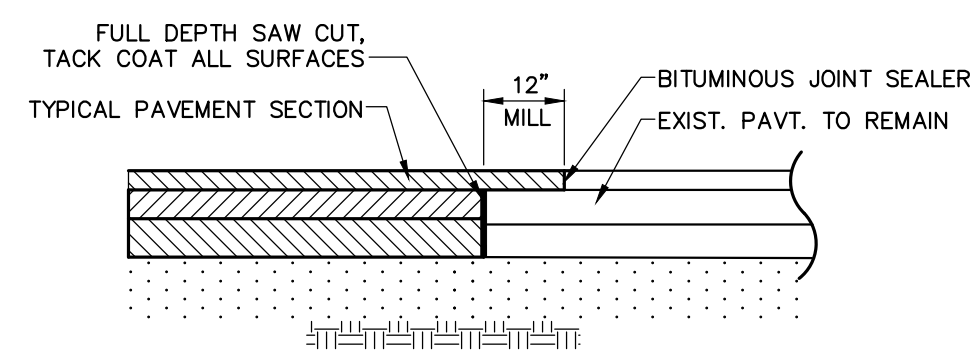


JOB NO:		1022-19
SCALE:		1"=100'
DRAWN:		CMP
DESIGNED:		RJT
DATE:		11/10/21
REVISIONS		
DATE	BY	REVISION

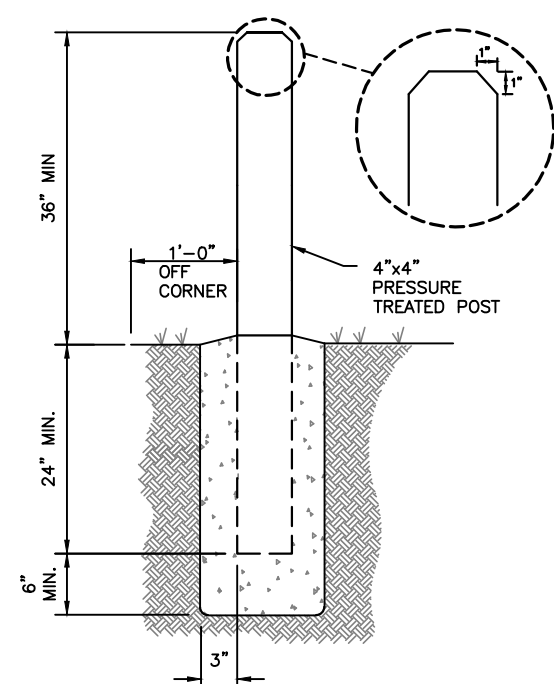
IT IS A VIOLATION OF NEW YORK STATE EDUCATION LAW ARTICLE 145, SECTION 7209 FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR, TO ALTER IN ANY WAY, AN ITEM BEARING THE SEAL OF A PROFESSIONAL ENGINEER OR LAND SURVEYOR. IF AN ITEM BEARING THE SEAL OF A PROFESSIONAL ENGINEER OR LAND SURVEYOR IS ALTERED, THE ALTERING ENGINEER OR LAND SURVEYOR SHALL AFFIX TO THE ITEM THEIR SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY THEIR SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.



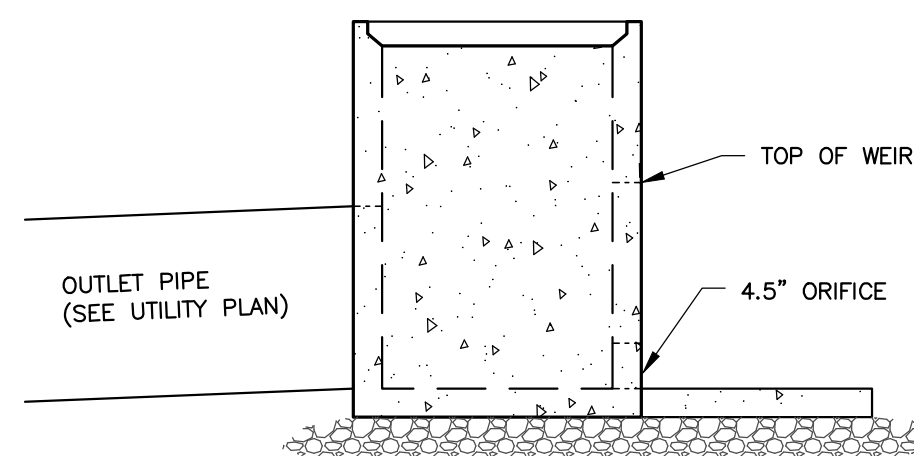
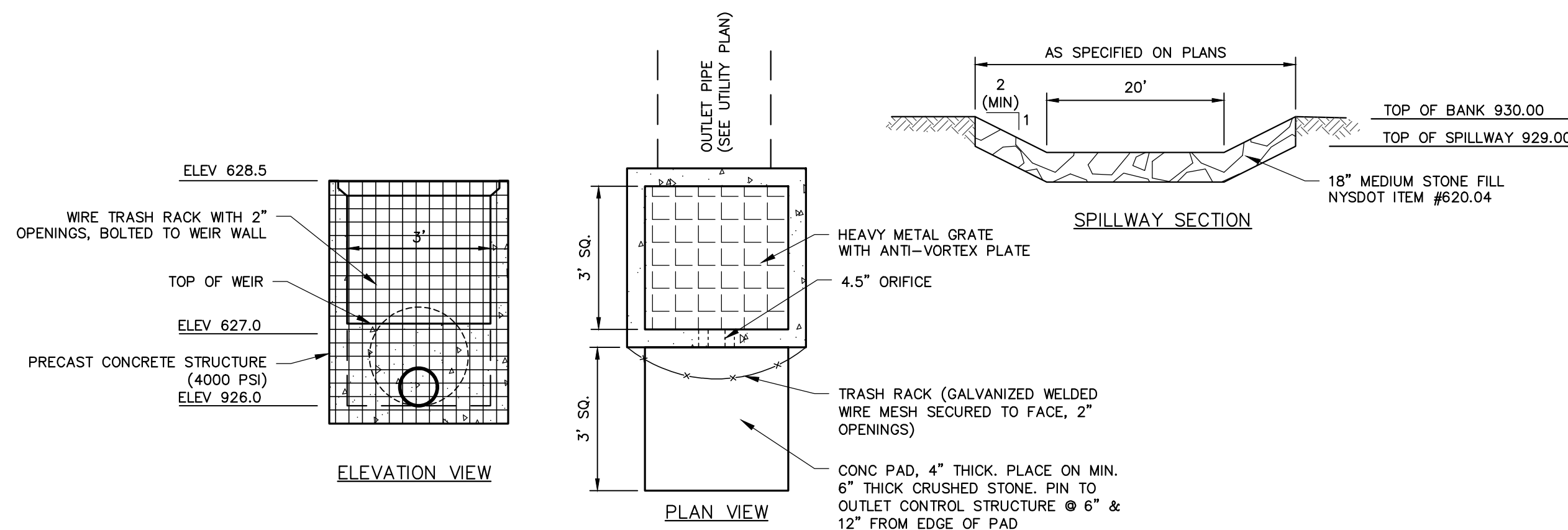
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11 of 15 SHEET No:	C8.0
1022-19 JOB No:	
DRAWING No:	



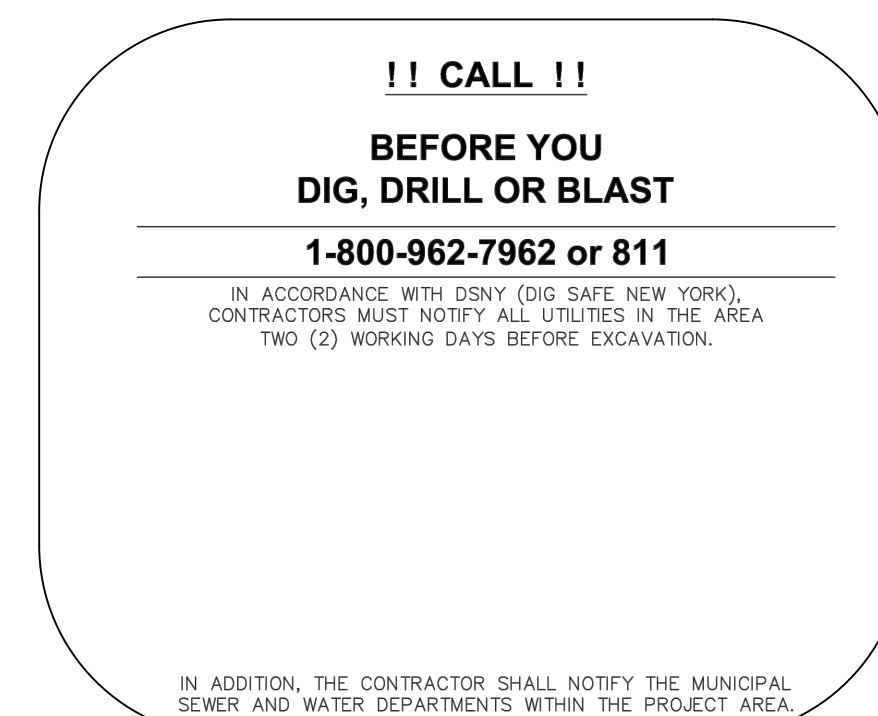
1 PAVEMENT MATCH



4 CONSERVATION AREA MARKER
N.T.S.

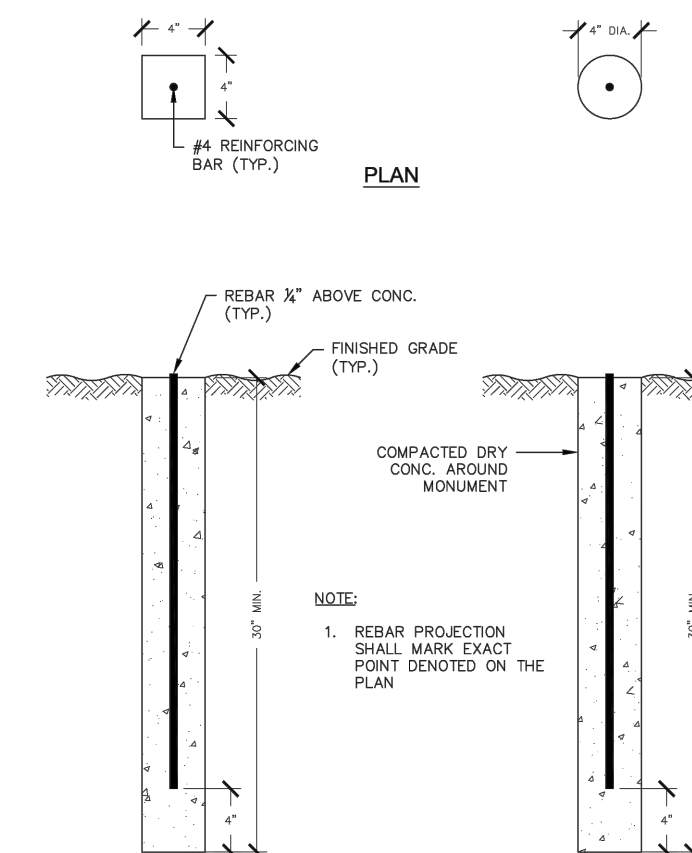


6 WEST SWMF OUTLET CONTROL STRUCTURE

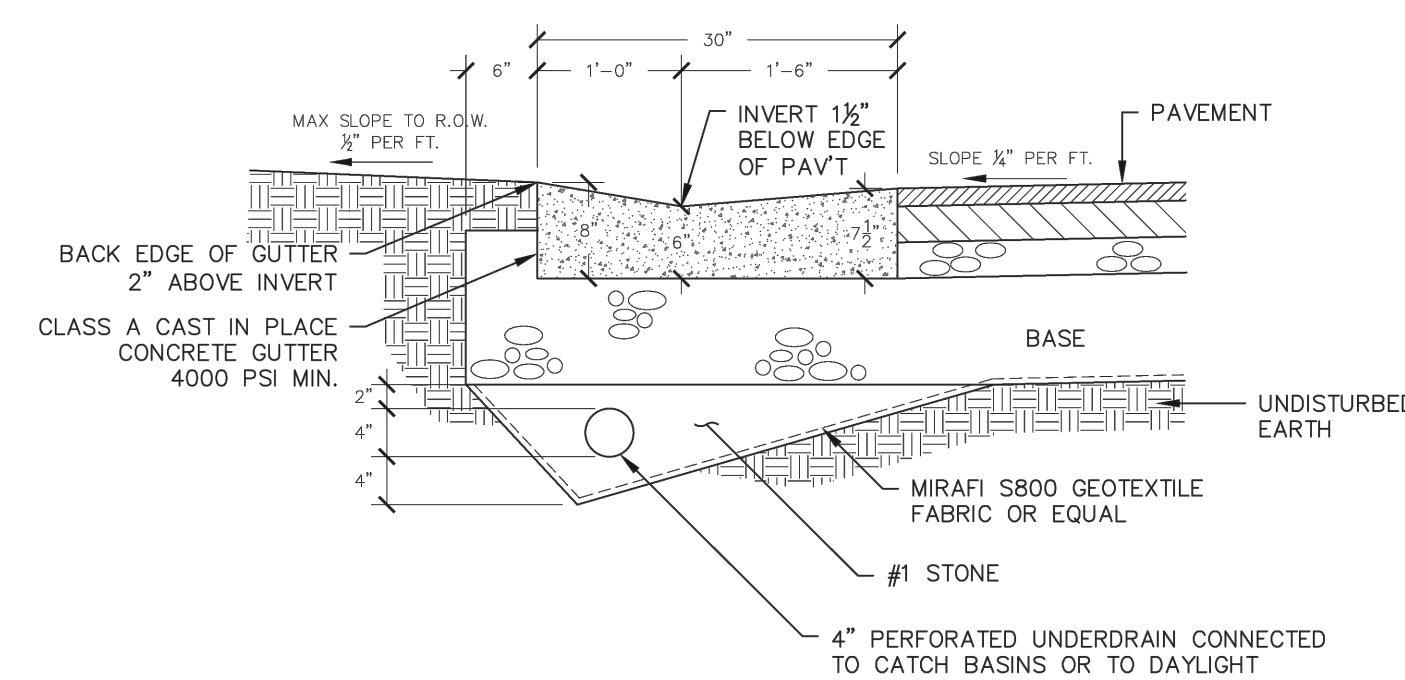


5 UTILITY NOTIFICATION

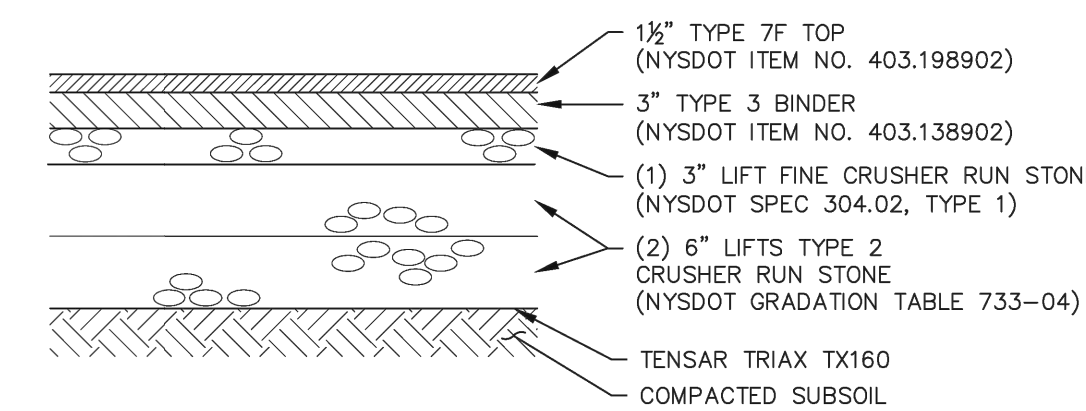
STANDARD TOWN DETAIL (G-2)
LAST REVISED 2018



SECTION 9 ROW MONUMENT



10 GUTTER DETAIL

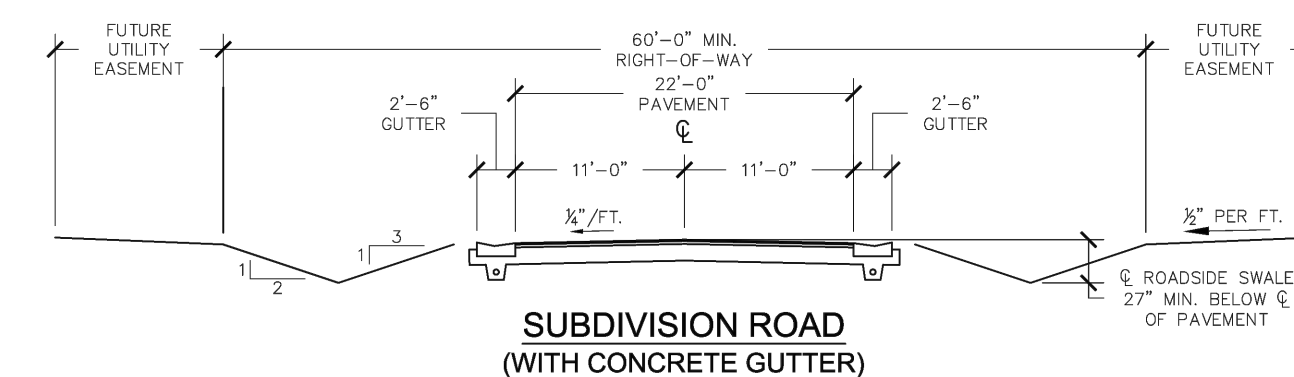


SUBDIVISION ROAD

NOTES:

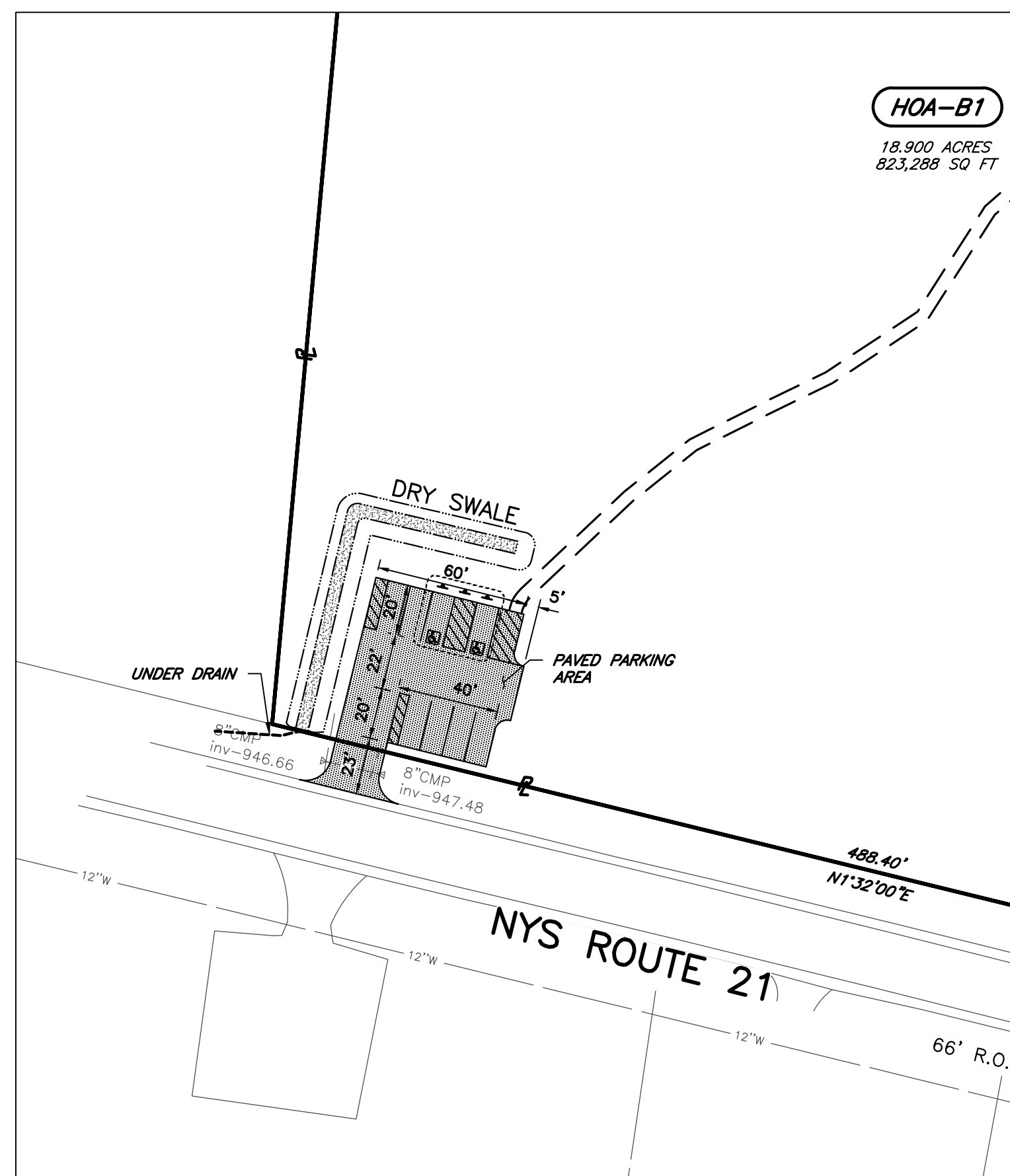
1. ALL DEPTHS DIMENSIONS ARE COMPACTED THICKNESS.
2. PAVEMENT THICKNESS MAY VARY AS REQUIRED BY TOWN ENGINEER
3. UNDERDRAIN AS REQUIRED
4. IF THE SUBGRADE IS FOUND TO HAVE TOO HIGH A MOISTURE CONTENT OR PUMPING FINES, A LIGHTWEIGHT NON-WOVEN GEOTEXTILE IS TO BE USED DIRECTLY UNDER THE GEGRID LAYER.

11 PAVEMENT CROSS SECTION

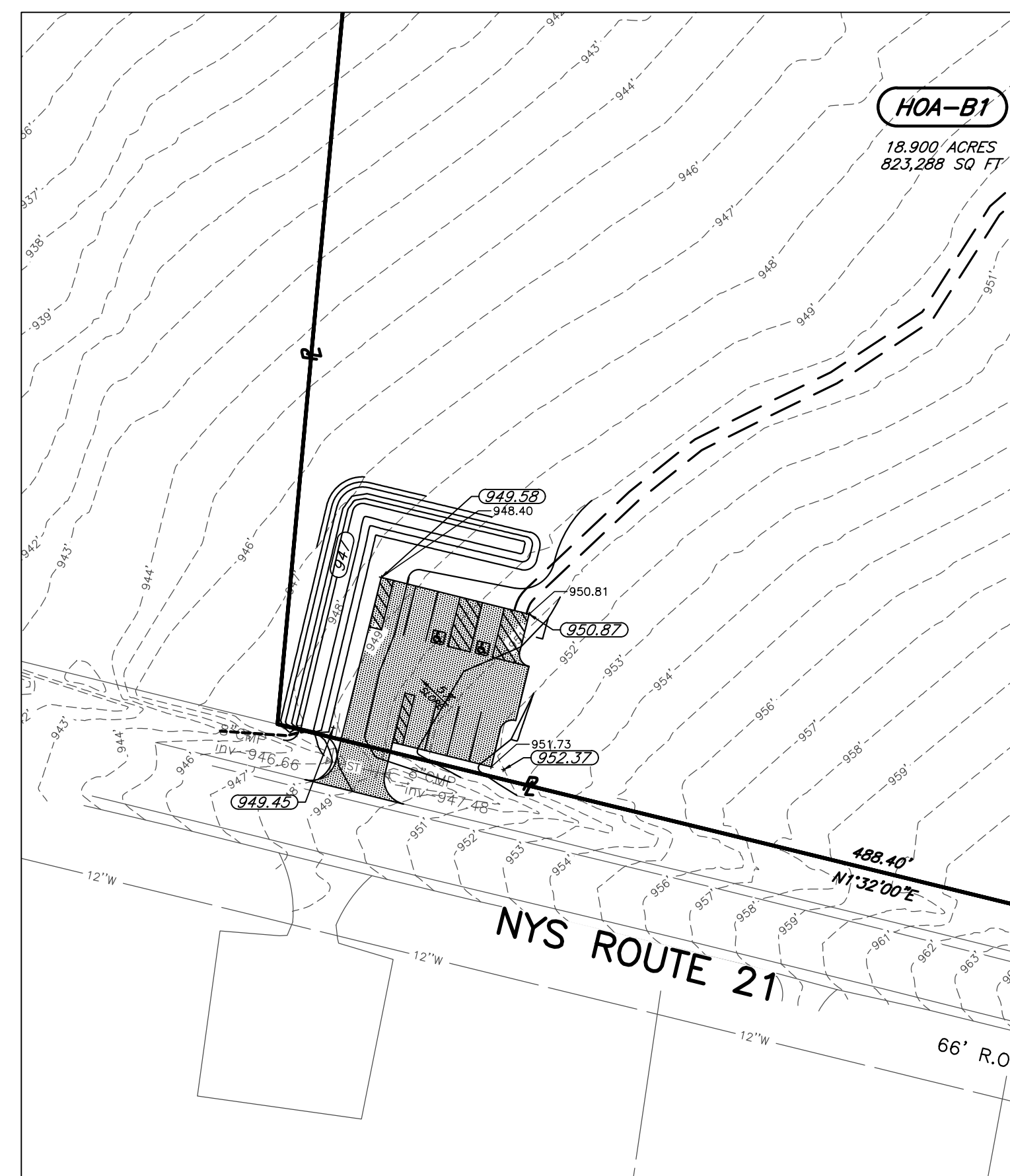


12 TYPICAL ROAD CROSS SECTION

STANDARD TOWN DETAIL (H-2.1)
LAST REVISED 2018



2 TRAIL PARKING LAYOUT PLAN



3 TRAIL PARKING GRADING PLAN

APPROVED BY: _____	APPROVED BY: _____	APPROVED BY: _____
PLANNING BOARD CHAIRPERSON DATE: _____	TOWN ENGINEER DATE: _____	TOWN HIGHWAY & WATER SUPERINTENDENT DATE: _____

FINAL SECTION 1 PLANS
for
PIERCE BROOK SUBDIVISION

STATE ROUTE 21 SOUTH, T.A. NO. 97.02-1-52.1
PARRISH STREET EXTENSION, T.A. NO. 97.00-2-2.1
GUA ONTARIO COUNTY

TOWN OF CANANDAIGUA ONTARIO COUNTY STATE OF NEW YORK

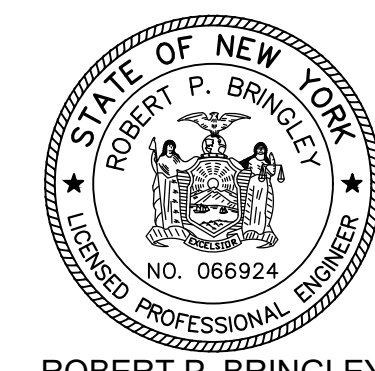
JOB NO: 1022-19
SCALE: AS SHOWN
DRAWN: CMP
DESIGNED: RJT
DATE: 11/10/21

REVISIONS

DATE	BY	REVISION
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DRAWING TITLE:
CONSTRUCTION
DETAILS

12 of 15 SHEET No:	C9.0
1022-19 JOB No:	
	DRAWING No:

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TOWN OF CANANDAIGUA SPECIFICATIONS FOR WATERMAIN MATERIALS

A. GENERAL

THE MATERIALS INTENDED TO ESTABLISH THE DEGREE OF EXCELLENCE ARE HEREIN INCLUDED ARE DEEMED TO BE OF SATISFACTORY QUALITY FOR INSTALLATION WITHIN THE TOWN. WHEN ALTERNATIVE MATERIALS MAY BE MADE AVAILABLE, THEIR USE MAY BE PERMITTED IN LIMITED TEST SECTIONS WITH THE RESTRICTION THAT SHOULD THESE MATERIALS PROVE UNSATISFACTORY THROUGH THE TEST PERIOD AS ESTABLISHED BY THE TOWN, THEY SHALL BE REMOVED AND REPLACED WITH THOSE HEREIN CALLED FOR AT NO EXPENSE TO THE TOWN.

B. WATERMAINS

1. POLYVINYL CHLORIDE (PVC)

SHALL CONFORM TO AWWA C-900, MINIMUM CLASS 200 (DR14) WITH ELASTOMERIC GASKET JOINTS, INTEGRAL BELL AND RUBBER RINGS LOCKED IN PLACE, MINIMUM DEPTH 5'-0" WITH A MINIMUM OF SIX (6) INCHES OF FULL SAND ENCASEMENT. PVC PIPE INSTALLATION SHALL INCLUDE EITHER:

- SIX (6) INCH WIDE METALLIC TAPE PLACED OVER THE CENTER OF THE PIPE ON TOP OF THE 24-INCH SAFETY COVER AS MANUFACTURED BY LINE GUARD III, INC;
- CONTINUOUS #10 GAUGE COPPER WIRE ATTACHED TO THE PIPE AT 5-FOOT INTERVALS WITH PLASTIC TIES WITH A MINIMUM OF 150 LBS TENSILE STRENGTH. WIRE SHALL BE ATTACHED TO ALL CAST FITTINGS, HYDRANTS AND VALVE BOXES TO MAKE A CONTINUOUS TRACEABLE SYSTEM.

2. HIGH-DENSITY POLYETHYLENE (HDPE) PIPE

UPON REVIEW AND DISCUSSION WITH THE TOWN, MAY BE CONSIDERED FOR POSSIBLE USE IN SPECIAL CIRCUMSTANCES, I.E. ROAD & STREAM CROSSINGS. SHALL BE SDR-11 DESIGN SHALL BE FORWARDED TO THE TOWN WATER SUPERINTENDENT FOR REVIEW AND APPROVAL.

C. FITTINGS

DUCTILE IRON SHALL MEET AWWA C-153-11 SPECIFICATIONS, MINIMUM CLASS 350, WITH MECHANICAL OR PUSH-ON JOINT, EXCEPT FOR HYDRANT BRANCHES WHICH SHALL BE MECHANICAL JOINTS. FITTINGS SHALL BE CEMENT LINED IN ACCORDANCE WITH AWWA C-104-13. BOLTS AND NUTS SHALL BE FLUOROPOLYMER COATED "BLUE BOLTS".(ASS TYLER UNION FITTING) ALL JOINTS SHALL CONFORM TO THE REQUIREMENTS OF AWWA C-111.

PVC SHALL MEET SPECIFICATIONS OF AWWA C-905 MADE FROM PVC COMPOUND 12454-B (ASTM D1784) WITH GASKET JOINTS MEETING ASTM D3139.

D. HYDRANTS

SHALL BE MANUFACTURED IN ACCORDANCE WITH AWWA C-502.

HYDRANTS SHALL BE MUELLER MANUFACTURED FOR 5 FOOT BURY WITH BREAKAWAY FLANGE CONSTRUCTION AND 6-INCH MECHANICAL JOINT INLET. SHOE AND INLET SHALL BE EPOXY COATED.

THEY SHALL OPEN LEFT, WITH A ONE AND ONE-HALF INCH (1-1/2") PENTAGON-OPERATING NUT.

ALL HYDRANTS SHALL BE PAINTED RED WITH BONNETS PAINTED AS PER THE AWWA HYDRANT COLOR CODE AS LISTED BELOW:

BONNET COLOR	FLOW RANGE (GPM)
BLUE	> 1500
GREEN	1000-1499
ORANGE	500-999
RED	500

ALL VALVE BOX COVERS SHALL BE PAINTED BLUE.

HYDRANTS SHALL BE THREE-WAY WITH TWO (2) 2-1/2 INCH HOSE NOZZLES AND ONE (1) 4-1/2 INCH PUMPER CONNECTION (QUICK DISCONNECT), ALL WITH NATIONAL STANDARD THREADS. MAIN VALVE OPENINGS SHALL BE 5-1/4 INCH WITH THE TOTAL UNIT CONSISTING OF THE TEE, GUARD VALVE, HYDRANT AND ADAPTORS. (SEE APPENDIX W).

1. THE MAIN VALVE SEAT RING SHALL BE BRONZE AND SCREW INTO THE BRONZE DRAIN RING.

2. STAINLESS STEEL FASTENERS SHALL BE USED FOR ALL CONNECTIONS ON HYDRANTS AND VALVES AND FLUOROPOLYMER COATED "BLUE BOLTS" FOR FITTINGS.

E. FLUSHING HYDRANT - BLOWOFF

SHALL BE 2 INCH SELF-DRAINING, NON-FREEZING WITH 5 FOOT BURY, WITH ALL BRONZE PARTS DESIGNED TO CONNECT TO A 2 INCH MAIN LINE OUTLET AS MANUFACTURED BY GIL INDUSTRIES, INC., MODEL SLIM LINE 2.

F. GATE VALVE AND BOX

1. ALL VALVES 12" OR LESS SHALL BE GATE VALVES.

2. GATE VALVES SHALL CONFORM TO AWWA C-509 OR LATEST REVISION, RESILIENT-SEATED WEDGE TYPE EPOXY COATED GATE VALVES WITH A NON-RISING STEM; "O" RING PACKING, AND OPEN LEFT. THEY SHALL BE OF THE 350 PSI TEST CLASS WITH A MINIMUM WORKING PRESSURE OF 250 PSI. VALVES SHALL BE MANUFACTURED BY, MUELLER CO., MODEL 2360, WITH MJ ENDS, A 2" SQUARE OPERATING NUT. STAINLESS STEEL BOLTS AND NUTS SHALL BE UTILIZED.

3. THE VALVE ENDS SHALL DEPEND ON THE TYPE OF PIPE USED AND THE PARTICULAR USE INTENDED.

4. VALVE BOXES SHALL BE BIBBY-STE-CROIX MODEL NUMBER VB3000 SERIES, OR APPROVED EQUAL, TWO-PIECE SCREW-TYPE, CAST-IRON CONSTRUCTION, VALVE BOX, WITH A 5-1/4 INCH INSIDE DIAMETER AND COVERS MARKED "WATER".

5. IF THE VALVES ARE BURIED DEEP THEY MUST HAVE AN EXTENSION STEM THAT CAN BE REACHED WITH A 6 FOOT VALVE BOX KEY.

G. TAPPING SLEEVE AND VALVE

ALL VALVES SHALL HAVE MECHANICAL JOINT ENDS AND BE FURNISHED WITH SUFFICIENT QUANTITIES OF ACCESSORIES. VALVES SHALL OPEN LEFT AND BE MANUFACTURED BY MUELLER WITH EPOXY COATING.

H. ANCHORING FITTINGS

ANCHORING PIPE IN ACCORDANCE WITH ANSI-A21.4, OR LATEST REVISION, SHALL BE EMPLOYED TO ANCHOR ALL HYDRANTS TO GATE VALVES. THE ANCHORING PIPE SHALL BE EPOXY COATED CEMENT LINED AND PROVIDED WITH A ROTATING GLAND. THERE SHOULD BE A MINIMUM 18 INCHES BETWEEN HYDRANT AND GATE VALVE. THESE ANCHORING PIPES SHALL BE TYLER 5-138 OR PROPOSED EQUAL.

I. BUTTERFLY VALVES

ALL VALVES GREATER THAN 16" IN DIAMETER SHALL BE BUTTERFLY TYPE. ALL BUTTERFLY VALVES SHALL CONFORM TO AWWA C-504, OR LATEST REVISION.

J. RESTRAINERS

SHALL BE MANUFACTURED OF HIGH STRENGTH DUCTILE IRON PIPE AND INCORPORATE A FULL 360 DEGREE SUPPORT AROUND THE PIPE. THEY SHALL BE AS MANUFACTURED BY MEGALUG OR UNI-FLANGE SERIES 1500, 1300, 1350, OR 1390 DEPENDING ON THE SPECIFIC USE.

K. WATER SERVICE MATERIAL

1. CORPORATIONS STOP SHALL BE MUELLER H-15008 COMPRESSION TYPE.

2. CURB STOPS SHALL BE MUELLER H-15209 MARK II COMPRESSION TYPE.

3. CURB BOXES SHALL BE MUELLER H-10334, 5 FEET LONG WITH STAINLESS STEEL RODS AND STAINLESS STEEL KEYS. CURB BOXES SHALL NOT BE LOCATED WITHIN DRIVEWAYS.

4. COPPER SERVICES SHALL BE TYPE "K" ASTM B88

5. PLASTIC SERVICES SHALL BE COPPER TUBE SIZE (CTS) AT 200 PSI, WITH A MINIMUM 1 INCH PIPE DIAMETER (ONLY USED FROM CURB BOX TO UNIT AND A CONTINUOUS #10 GAUGE COPPER TRACER WIRE SHALL BE INCLUDED FROM THE CURB BOX TO THE STRUCTURE). SAND BEDDING SHALL BE PROVIDED AS APPROPRIATE.

POLYETHYLENE ASTM D-2737, PE 3408 PER AWWA C-901 (MINIMUM 5'-0" DEPTH AND SAND ENCASEMENT REQUIRED)

6. ALL SERVICES TAPPED INTO MAINS SHALL UTILIZE DOUBLE STRAP SS SADDLE (MUELLER) WITH A MUELLER CORPORATION

7. ANY SERVICES LARGER THAN 1" SHALL MEET THE MINIMUM SPECIFICATIONS OF THE WATER SUPERINTENDENT.

8. REFER TO APPENDIX W.

L. METER PITS FOR INDIVIDUAL SERVICES

1. INDIVIDUAL METER PITS, WHERE REQUIRED, SHALL BE MUELLER, DOUBLE LID STYLE WITH WABASH COVER W2. COVER SHALL BE EQUIPPED TO RECEIVE ATTACHMENTS FOR RADIO-READ WATER METERS.

2. REFER TO APPENDIX W.

M. THRUST BLOCKS

SHALL BE CAST IN PLACE 3000-PSI CONCRETE TO DIMENSIONS AS SHOWN IN APPENDIX W.

N. PRESSURE REDUCING VALVES (PRV) AND VAULTS

1. PRV VAULTS WHERE REQUIRED BY THE TOWN OF CANANDAIGUA, SHALL BE A MINIMUM OF 6'X16'X8" HIGH, LAKELAND PRECAST CONCRETE VAULT PROVIDED WITH 48"X48" ALUMINUM HATCH WITH ALUMINUM LADDER, SUMP RECESS, OPENINGS AS REQUIRED, SEALS, BOOTS, STAINLESS STEEL TRIM, DUAL PILOTS AND DUAL STRAINERS. SENTENCE HERE ABOUT COATING OR WATERPROOFING THE CONCRETE VAULT? THE STEEL VENT PIPE IS TO BE PAINTED BLUE.

2. THE PRV VAULT SHALL ALSO BE EQUIPPED WITH A ROSS 40WR-BP PRESSURE REDUCING VALVE AND MAY REQUIRE A BACK PRESSURE SUSTAINING FEATURE AND REVERSE FLOW FEATURE DEPENDING ON THE LOCATION IN THE WATER SYSTEM.

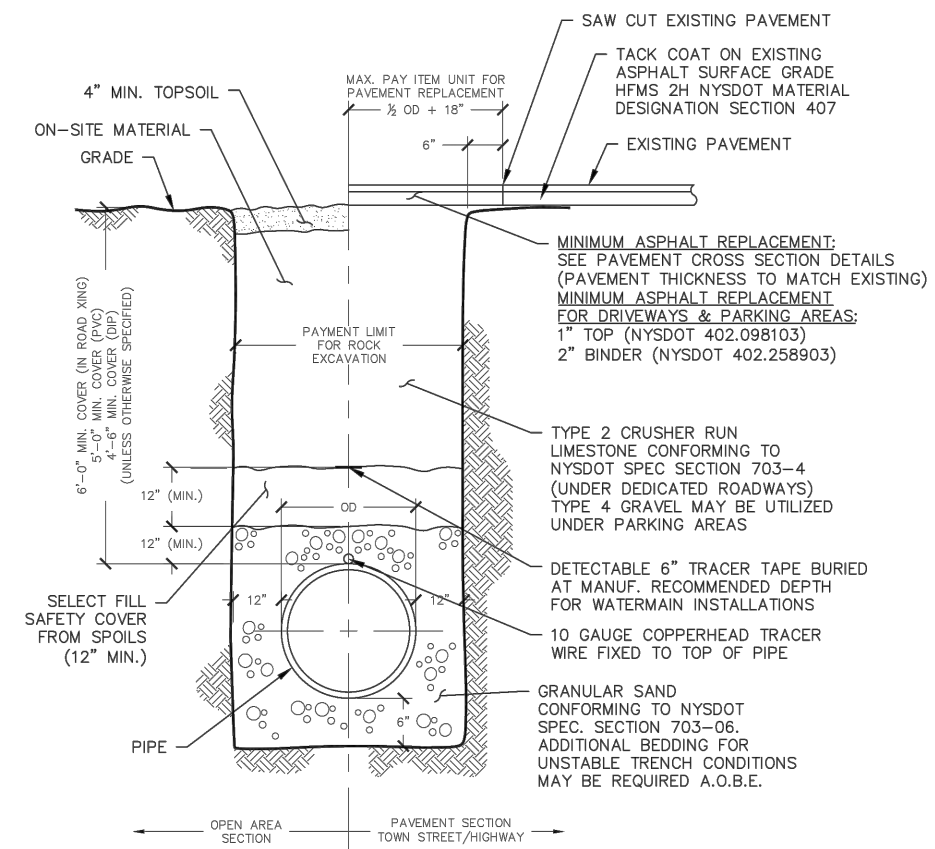
3. REFER TO APPENDIX W

O. EQUIVALENTS

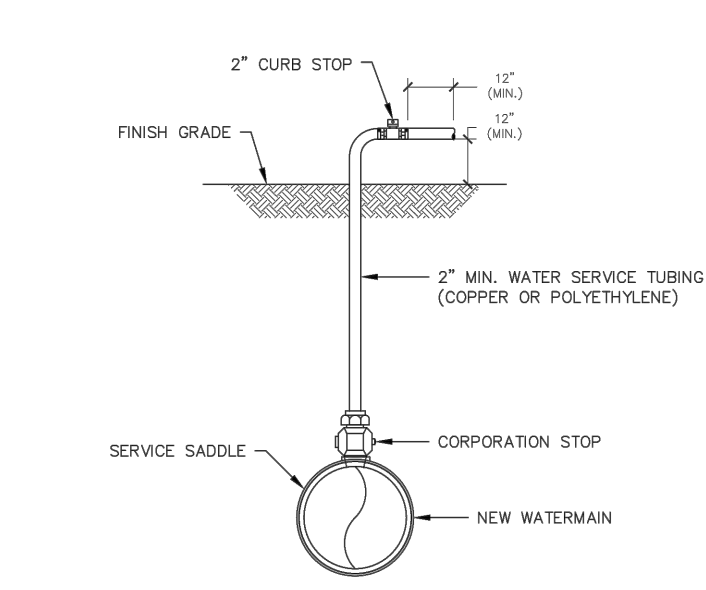
1. ANY MATERIAL AND MANUFACTURER SUBSTITUTES ARE TO BE PROVIDED IN ADVANCE TO THE TOWN WATER SUPERINTENDENT FOR REVIEW AND APPROVAL.

2. FOR ANY PROJECT IT WILL BE ASSUMED THAT THE DEVELOPER WILL FURNISH THE EXACT MATERIALS SPECIFIED ON THE PLANS AND SPECIFICATIONS UNLESS THE DEVELOPER FILES WITH THE TOWN OF CANANDAIGUA WATER SUPERINTENDENT PRIOR TO ANY USE IN THE DEVELOPMENT, THE NAMES AND COMPLETE DESCRIPTION OF EACH ARTICLE WHICH HE PROPOSES TO SUBSTITUTE FOR APPROVAL BY THE TOWN.

3. ANY COSTS INCURRED BY THE TOWN OR ITS REPRESENTATIVES ASSOCIATED WITH THE VERIFICATION OF SUBSTITUTE EQUIPMENT AND MATERIALS WILL BE THE RESPONSIBILITY OF THE DEVELOPER.

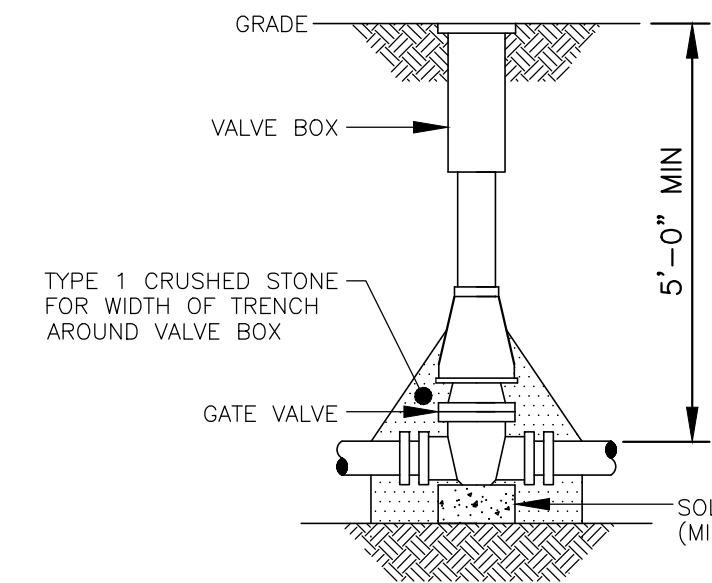


1 DETENTION AREA OUTFALL STRUCTURE
STANDARD TOWN DETAIL (W-8)
LAST REVISED 2018



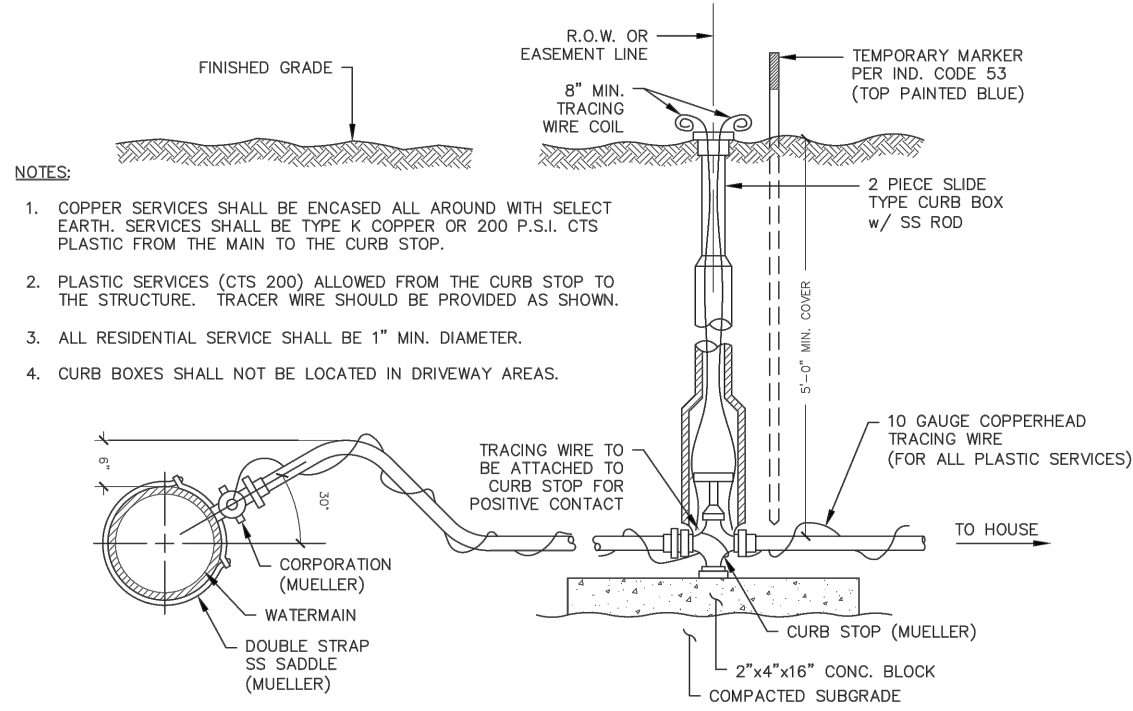
- NOTES:
- UPON NOTIFICATION FROM THE HEALTH DEPARTMENT THAT A SATISFACTORY WATER SAMPLE HAS BEEN OBTAINED, SHUT DOWN CORPORATION STOP AND REMOVE THE SERVICE TUBING.
 - IMMEDIATELY PRIOR TO PLACING THE WATER MAIN IN SERVICE THE CONTRACTOR SHALL REMOVE ALL CORPORATIONS ASSOCIATED WITH TEMPORARY FACILITIES (I.E. SAMPLING TAPS, ETC.) AND REPLACE WITH THREADED BRASS PLUGS.
 - FOR DISINFECTION/SAMPLING TAPS THAT ARE NOT NEEDED TO BLOW-OFF, 1" DISINFECTION/SAMPLING TAPS ARE ACCEPTABLE.
 - 1000 LF MAXIMUM DISTANCE BETWEEN SAMPLE TAPS UNLESS OTHERWISE SPECIFIED BY ENGINEER.

2 TEMPORARY DISINFECTION /
SAMPLING / BLOW-OFF
STANDARD TOWN DETAIL (W-7)
LAST REVISED 2018

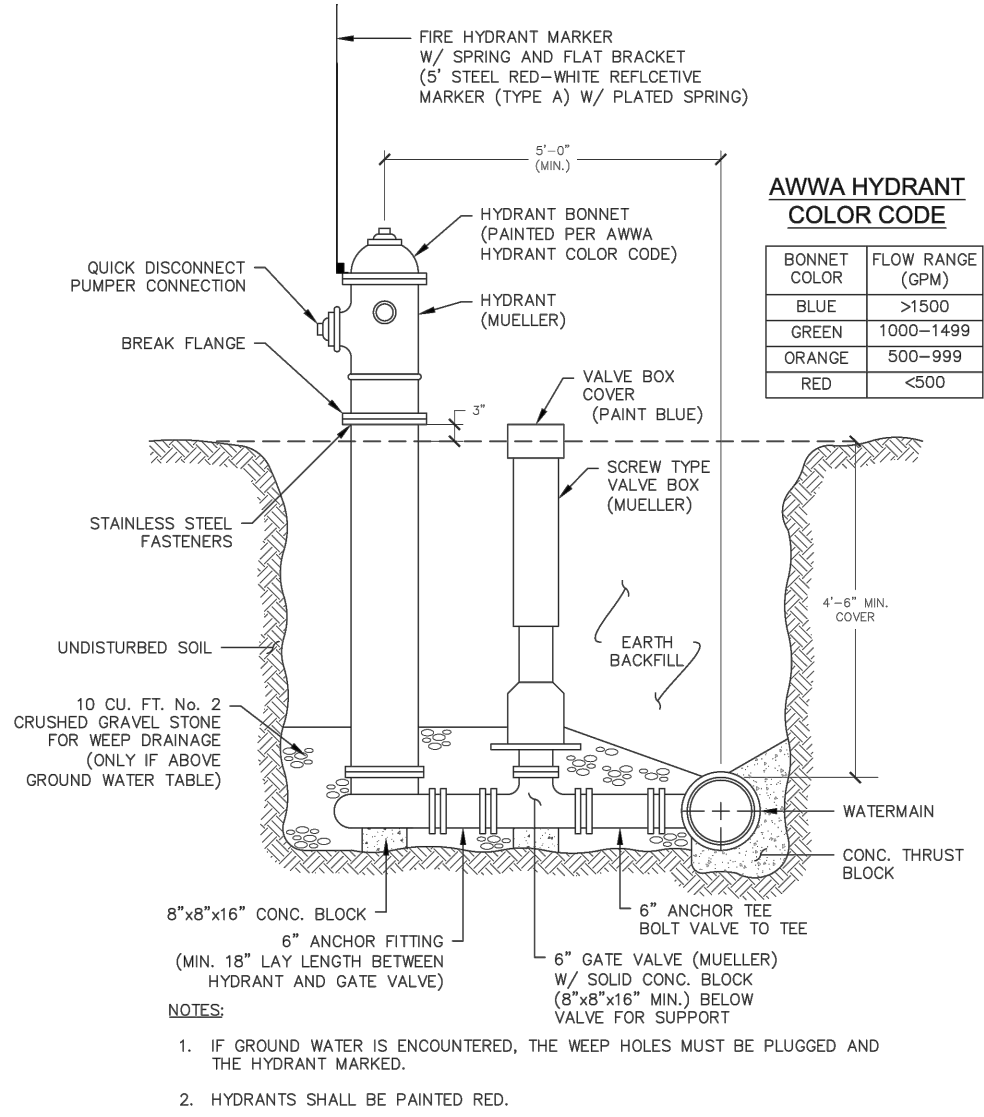


- NOTE:
- VALVE BOX SHALL BE CENTERED ON VALVE AND SET ON COMPACTED BACKFILL.
 - VALVE SHALL NOT SUPPORT VALVE BOX.
 - ALL BODY AND BONNET BOLTS SHALL BE STAINLESS STEEL.
 - ALL VALVES SHALL BE OPEN LEFT EXCEPT VALVES 12" AND SMALLER INSTALLED IN THE TOWN OF WEBSTER (WHICH SHALL BE OPEN RIGHT).

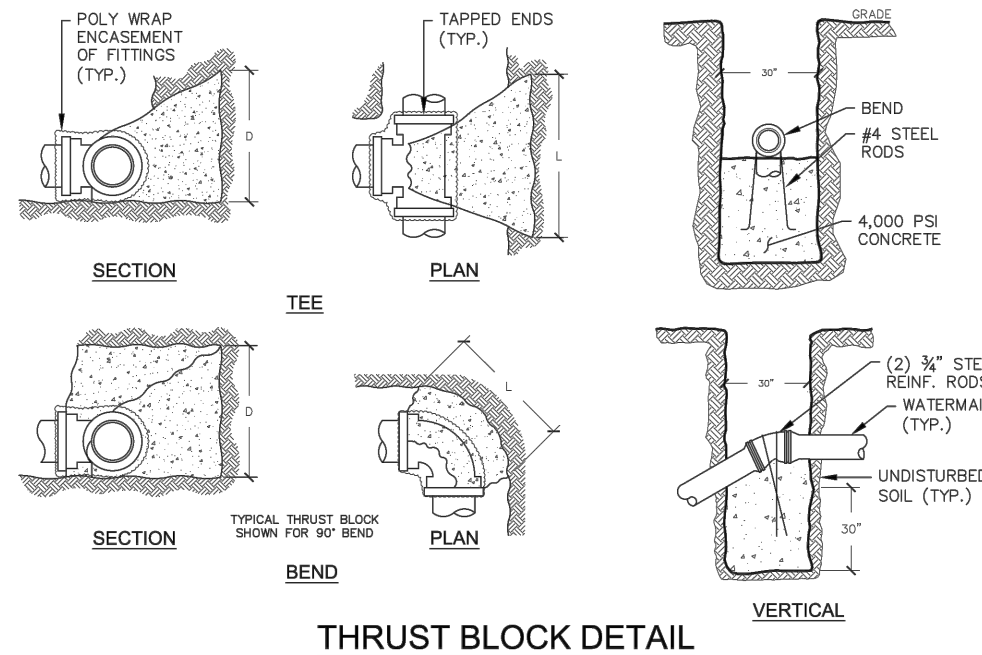
3 WATER VALVE



4 TYPICAL WATER SERVICE
STANDARD TOWN DETAIL (W-3)
LAST REVISED 2018



5 HYDRANT UNIT
STANDARD TOWN DETAIL (W-6)
LAST REVISED 2018



PIPE SIZE (INCHES)	WORKING PRESSURE (PSI)	TEE OF FLUG (1\"/>	90° BEND (1\"/>	45° BEND (1\"/>	22-1/2° BEND (1\"/>
4	300	2.00 1.00 2.25 1.25 0.00 0.75 1.25 0.75	2.00 1.00 2.25 1.25 0.00 0.75 1.25 0.75	2.00 1.00 2.25 1.25 0.00 0.75 1.25 0.75	2.00 1.00 2.25 1.25 0.00 0.75 1.25 0.75
6	300	3.00 1.50 4.00 2.00 1.00 1.50 2.00 1.00	3.00 1.50 4.00 2.00 1.00 1.50 2.00 1.00	3.00 1.50 4.00 2.00 1.00 1.50 2.00 1.00	3.00 1.50 4.00 2.00 1.00 1.50 2.00 1.00
8	300	4.00 2.00 5.00 2.50 1.25 2.00 2.50 1.25	4.00 2.00 5.00 2.50 1.25 2.00 2.50 1.25	4.00 2.00 5.00 2.50 1.25 2.00 2.50 1.25	4.00 2.00 5.00 2.50 1.25 2.00 2.50 1.25
10	300	5.00 2.50 6.00 3.00 1.50 2.50 3.00 1.50	5.00 2.50 6.00 3.00 1.50 2.50 3.00 1.50	5.00 2.50 6.00 3.00 1.50 2.50 3.00 1.50	5.00 2.50 6.00 3.00 1.50 2.50 3.00 1.50
12	300	6.00 3.00 7.00 3.50 1.75 3.00 3.50 1.75	6.00 3.00 7.00 3.50 1.75 3.00 3.50 1.75	6.00 3.00 7.00 3.50 1.75 3.00 3.50 1.75	6.00 3.00 7.00 3.50 1.75 3.00 3.50 1.75
14	300	7.00 3.50 8.00 4.00 2.00 3.50 4.00 2.00	7.00 3.50 8.00 4.00 2.00 3.50 4.00 2.00	7.00 3.50 8.00 4.00 2.00 3.50 4.00 2.00	7.00 3.50 8.00 4.00 2.00 3.50 4.00 2.00
16	300	8.00 4.00 9.00 4.50 2.25 4.00 4.50 2.25	8.00 4.00 9.00 4.50 2.25 4.00 4.50 2.25	8.00 4.00 9.00 4.50 2.25 4.00 4.50 2.25	8.00 4.00 9.00 4.50 2.25 4.00 4.50 2.25

- NOTES:
- ALL DIMENSIONS ARE IN FEET.
 - BEARING AREAS ARE BASED ON ALLOWABLE SOIL BEARING PRESSURE OF 2000 PPS.
 - HEIGHT OF THRUST BLOCK SHOULD BE EQUAL TO OR LESS THAN 8\"/>
 - ALL THRUST BLOCKS SHALL CURE A MINIMUM OF 28 DAYS BEFORE ANY PRESSURE TESTS ARE CONDUCTED.
 - CONCRETE SHALL BE MINIMUM 3000 PSI.
 - RESTRAINING RODS MAY BE USED IN LIEU OF THRUST BLOCK METHOD IF APPROVED BY ENGINEER PRIOR TO PLACEMENT.

6 WATERMAIN THRUST
BLOCK SCHEDULE
STANDARD TOWN DETAIL (W-5)
LAST REVISED 2018

MARATHON ENGINEERING
ROCHESTER LOCATION
39 CASCADE DRIVE
ROCHESTER, NY 14614
585-458-7770
ITHACA LOCATION
840 HANSHAW RD, STE 6
ITHACA, NY 14850
607-241-2917
www.marathoneng.com

FINAL SECTION 1 PLANS
for
PIERCE BROOK SUBDIVISION
STATE ROUTE 21 SOUTH, T.A. NO. 97.02-1-52.1
PARRISH STREET EXTENSION, T.A. NO. 97.00-2-2
TOWN OF CANANDAIGUA ONTARIO COUNTY STATE OF NEW YORK

JOB NO: 1022-19
SCALE: AS SHOWN
DRAWN: CMP
DESIGNED: RJT
DATE: 11/10/21

REVISIONS		
DATE	BY	REVISION

IT IS A DECLARATION OF NEW YORK STATE THAT I, ROBERT P. BRINGLEY, AM A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF NEW YORK. I HAVE REVIEWED THE DESIGN AND DRAWINGS OF THE PROJECT AND I AM NOT PROVIDING ANY SERVICES TO THE PROJECT THAT ARE BEYOND THE SCOPE OF MY LICENSE. I AM NOT PROVIDING ANY SERVICES TO THE PROJECT THAT ARE BEYOND THE SCOPE OF MY LICENSE. I AM NOT PROVIDING ANY SERVICES TO THE PROJECT THAT ARE BEYOND THE SCOPE OF MY LICENSE.

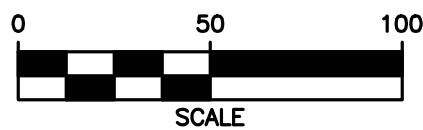
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STATE OF NEW YORK
ROBERT P. BRINGLEY
LICENSED PROFESSIONAL ENGINEER
NO. 066924

DRAWING TITLE:
CONSTRUCTION DETAILS

21 of 22 SHEET No:	C9.2
1022-19 JOB No:	
DRAWING No:	

APPROVED BY:	APPROVED BY:	APPROVED BY:
PLANNING BOARD CHAIRPERSON DATE:	TOWN ENGINEER DATE:	TOWN HIGHWAY & WATER SUPERINTENDENT DATE:



1. PROVIDE TPOISIL IN ALL AREAS DISTURBED WITHIN NYSDOT RIGHT-OF-WAY IN ACCORDANCE WITH 610.1401
2. ESTABLISH GRASS IN ALL AREAS DISTURBED WITHIN NYSDOT RIGHT-OF-WAY IN ACCORDANCE WITH NYSDOT ITEM NO. 610.1601
3. DISTURBED DITCH LINES AND SWALES SHALL BE RESTORED TO LINE AND GRADE AND DRAIN IN PROPER DIRECTION WITH NO PONDING OF RUNOFF WATER. MATCH EXISTING SIDE SLOPES.

There shall be no temporary lane/shoulder closures on roadway facilities owned and/or maintained by NYSDOT on the major holidays listed below.

Exceptions can only be made under the following conditions:

- Emergency work.
- Work within long-term stationary lane/shoulder closures.
- Safety work that does not adversely impact traffic mobility and has been authorized by the Regional Traffic Engineer.

Note: The Department reserves the right to cancel any work operations, including lane closures and/or total road closures, that would create traffic delays by unforeseen events. The Contractor would be notified at least seven (7) calendar days prior to the proposed work.

- Road pavement, shoulder and drainage are not to be disturbed or undermined unless indicated otherwise in the plans.
- Suitable non-frozen, non saturated backfill to be used and placed in 6" compacted lifts.
- Pavement to be maintained until a permanent repair can be made.
- Pavement to be replaced in kind or as specified on attached plans.
- All disturbed grass areas within the R.O.W. are to be fine graded, 4" topsoil placed and turf established.

Road plates shall **NOT** be used during the aSnow and Ice Seasons (November 1st through April 1st) During the months of October and April, call the work area jurisdictional N.Y.S.D.O.T., Transportation Maintenance Residence with plate locations. Road plates shall be pinned and marked, a "STEEL PLATE AHEAD" sign (W8-24) shall be installed in advance of the plate in accordance with Table NY6H-3 on Standard Sheet 619-11. If the surface of the plate is 1" or greater above/below the surrounding pavement, a "BUMP" sign (W8-1) shall be installed between the plate and "STEEL PLATE AHEAD" sign in accordance with Table NY6H-3 on Standard Sheet 619-11 and a barrel with a Type A flasher shall be placed on the shoulder at the plate.

Excavation backfill shall be with No. 2 stone (not crusher run), Item 623.12, placed to six inches (6") below the existing pavement surface. The remaining six inches (6") shall have concrete placed to match existing adjacent pavement grade and shall have a good, smooth, non-polished riding surface.

In the spring, when asphalt plants open, the concrete and stone shall be removed to the existing bottom of the subbase in order to perform final restoration per previously approved N.Y.S.D.O.T. pavement restoration procedures.

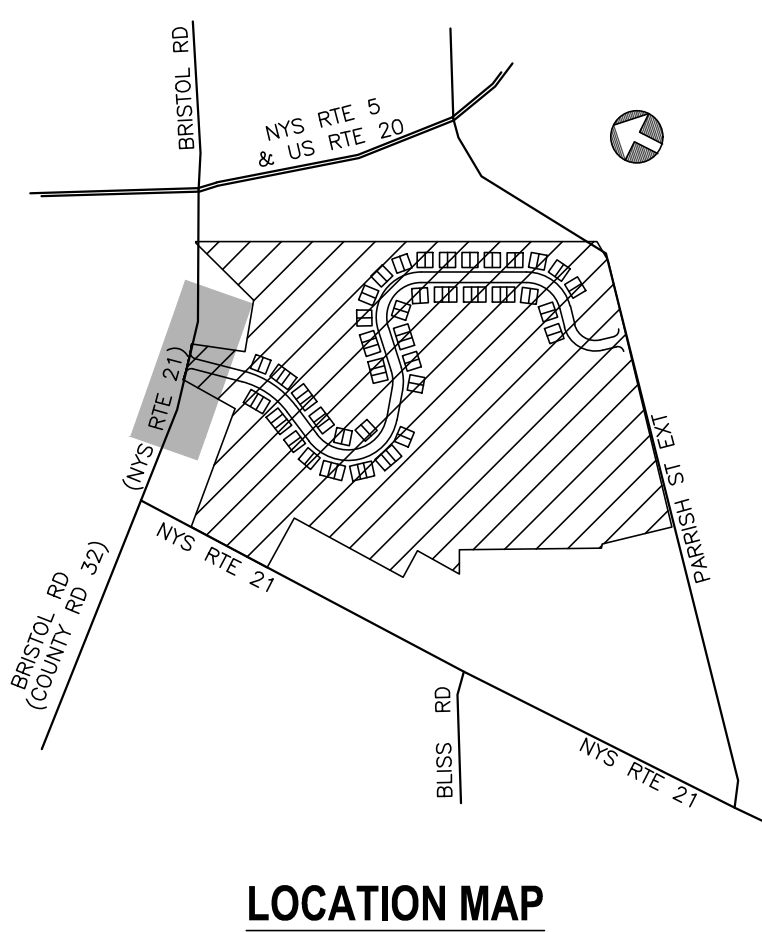
All test pits in the pavement shall be completed by an 18" square/round vacuum excavation.

Any excavation 5 feet or more in depth shall utilize a shields and shoring or sheeting system which provides direct contact and support of the excavation sides. The system shall accommodate any associated surcharge loads and shall be submitted to NYSDOT's Regional Geotechnical Engineer for review and approval prior to permit issuance.

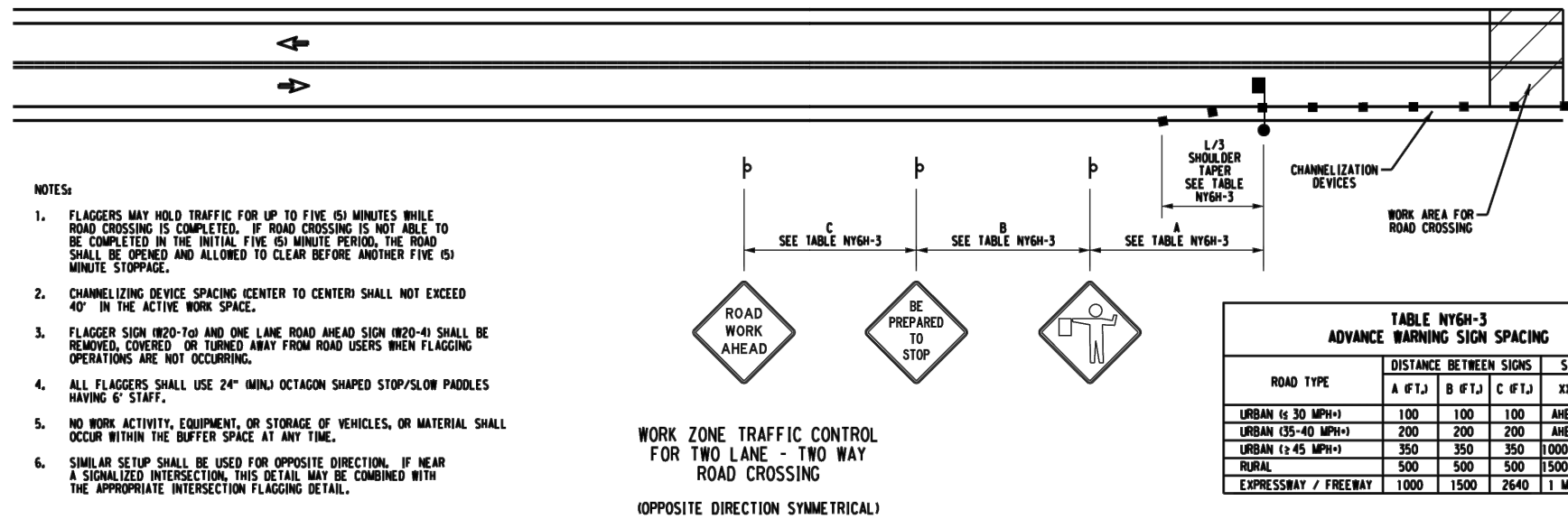
A sloping (layback) option will not be allowed.

Shields and shoring or sheeting system requirements do not pertain to test pits which are 18" or less in diameter.

R-4 (03/15)



V SCALE = 1"=5' H SCALE = 1"=50'



STANDARD NYSDOT DETAIL WZD-01

1. ROAD TO BE KEPT CLEAN OF MUD AND DEBRIS AT ALL TIMES.
2. ROADSIDE DRAINAGE TO BE MAINTAINED AT ALL TIMES.
3. MATERIALS, EQUIPMENT AND VEHICLES ARE NOT TO BE STORED OR PARKED WITHIN THE NEW YORK STATE RIGHT-OF-WAY.
4. MAINTENANCE AND PROTECTION OF TRAFFIC MUST COMPLY WITH THE CURRENT NATIONAL MUTCD WITH NYS SUPPLEMENTAL SECTION 619 OF THE CURRENT NYS DOT STANDARD SPECIFICATIONS. THESE PLANS AND AS ORDERED BY THE ASSISTANT RESIDENT ENGINEER SHALL BE IN ACCORDANCE WITH THE NYS DOT STANDARD SPECIFICATIONS. THESE PLANS MUST COMPLY WITH THESE PLANS AND BE IN ACCORDANCE WITH THE NYS DOT CONTRACT DOCUMENTS AS DEEMED NECESSARY BY THE NYS ENGINEER-IN-CHARGE.
5. NOTIFY THE NEW YORK STATE DEPARTMENT OF TRANSPORTATION'S ASSISTANT RESIDENT ENGINEER AT THE APPROPRIATE DISTRICT OFFICE, LEVEL 3 WORK DAYS PRIOR TO WORKING WITHIN THE STATE RIGHT-OF-WAY.

GENESEE CO. - DAN STAHLEY (585) 343-6502	LIVINGSTON CO. - ADAM KISIAH (585) 346-3636
MONROE CO. - WEST OF GENESEE RIVER NON-UTILITY DARRELL FAZIO (585) 352-3471 UTILITY PERMIT - KARLEE DANEK	MONROE CO. - EAST OF GENESEE RIVER KEVIN KIESEH (585) 586-4514
ONTARIO CO. - GREG TROST (585) 396-4955	ORLEANS CO. - DAN STAHLEY (585) 343-6502
WAYNE CO. - MARK ELLSWORTH (315) 332-4000	WYOMING CO. - KATHRYN MURRAY (585) 786

IN ADDITION, THE PERMITTEE SHALL NOTIFY NYSDOT REGIONAL TRAFFIC OPERATIONS CENTER (RTOC) OF ALL LANE AND SHOULDER CLOSURES AT LEAST THREE (3) DAYS IN ADVANCE OF THE PROPOSED WORK UTILIZING RTOC'S CONSTRUCTION NOTIFICATION FORM. RTOC'S CONSTRUCTION NOTIFICATION FORM CAN BE OBTAINED FROM THE 511NY NOTIFICATION LINK AT THE WORK ZONE TRAFFIC CONTROL ICON ON THE REGION 4 PERMITS WEBSITE: WWW.DOT.NY.GOV/R4WORKPERMITS.

PROPOSED CLOSURES WILL BE REVIEWED FOR CONCURRENT AND OVERLAPPING CLOSURE OR INCIDENT CONFLICTS AND WILL BE ENTERED INTO 511NY.ORG. CLOSURES INCLUDED IN THE NOTIFICATION SHALL CONFORM TO TIME, DATE, AND LOCATION RESTRICTIONS IN THE PERMIT. RTOC MAY DISALLOW OR REDUCE CLOSURES DUE TO OTHER CLOSURES OR WORK, EVENTS, OR INCIDENTS FOUND IN CONFLICT WITH THE PROPOSED CLOSURE(S).

ALL LANE AND SHOULDER CLOSURES SHALL BE REMOVED DURING NON-WORKING HOURS, EXCEPT WHERE AUTHORIZED BY THE NYSDOT REGIONAL TRAFFIC ENGINEER OR DESIGNEE.

6. NOTIFY THE NYSDOT TRAFFIC SIGNAL MAINTENANCE ENGINEER AT (585) 753-7793 5 DAYS PRIOR TO WORKING WITHIN 350' OF A SIGNALIZED INTERSECTION. NOTIFY DIG SAFELY NEW YORK 2 WORK DAYS PRIOR TO DIGGING, DRILLING OR BLASTING AT 81' FOR A UTILITY STAKE-OUT.

7. ALL MATERIALS USED WITHIN THE STATE RIGHT-OF-WAY MUST COMPLY WITH THE CURRENT NEW YORK STATE DEPARTMENT OF TRANSPORTATION SPECIFICATIONS ALONG WITH ANY APPROPRIATE CURRENT NYS DEPARTMENT OF TRANSPORTATION'S STANDARD SHEETS.

8. QUALITY CONTROL OF ASPHALT CONCRETE SHALL MEET THE REQUIREMENTS OF SECTION 401 OF THE STANDARD SPECIFICATIONS. ALL ASPHALT PRODUCED AS PART OF SECTION 401 WILL BE PAID AT A FINAL QUANTITY ADJUSTMENT FACTOR OF 1.0. ASPHALT COURSE DEPTHS SHOWN ON THE PLANS ARE COMPACTED DEPTHS.

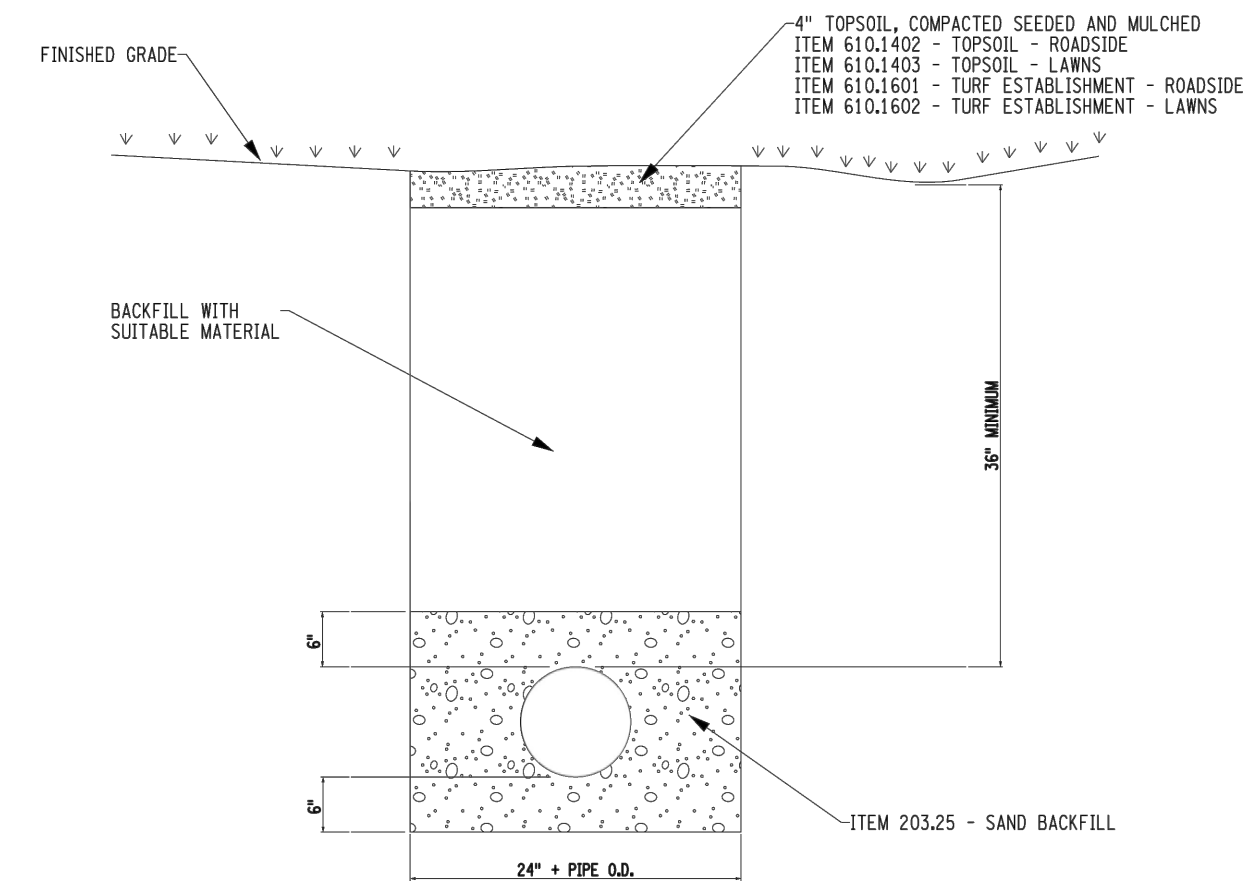
9. NO NIGHT WORK SHALL BE ALLOWED UNLESS APPROVED PRIOR TO START OF PROJECT. ADDITIONAL MAINTENANCE AND PROTECTION OF TRAFFIC MAY BE REQUIRED INCLUDING THE ADDITION OF REFLECTIVE MATERIALS AND LIGHTING.

10. HAZARDOUS WASTE NOTIFICATION - THE PERMITTEE ACCEPTS THE RIGHT-OF-WAY OF THE STATE HIGHWAY IN ITS "AS IS" CONDITION. THE DEPARTMENT OF TRANSPORTATION MAKES NO REPRESENTATION AS TO THE ABSENCE OF UNDERGROUND TANKS, STRUCTURES, FEATURES OR SIMILAR IMPEDIMENTS TO THE COMPLETION OF THE WORK. PERMITTEE HEREBY SHOULD PERMITTEE FIND SOME PREVIOUSLY UNKNOWN UNDERGROUND IMPEDIMENTS TO ITS WORK, THE DEPARTMENT OF TRANSPORTATION SHALL HAVE NO OBLIGATION TO CURE, REMOVE, REMEDY OR OTHERWISE DEAL WITH SUCH PREVIOUSLY UNKNOWN UNDERGROUND IMPEDIMENTS. THE PERMITTEE IS REQUIRED TO REMOVE, MODIFY OR OTHERWISE DEAL WITH SUCH UNDERGROUND TANKS, STRUCTURES, FEATURES OR IMPEDIMENTS IN A MANNER WHICH MEETS ACCEPTABLE ENGINEERING PRACTICE AND IS APPROVED BY THE DEPARTMENT OF TRANSPORTATION. #

11. ADA COMPLIANCE – ALL WORK ON PEDESTRIAN FACILITIES SHALL BE COMPLIANT WITH THE AMERICANS WITH DISABILITIES ACT (ADA).

12. ANY DAMAGE TO ROADWAY FEATURES CAUSED DIRECTLY OR INDIRECTLY BY THE CONTRACTOR'S OPERATIONS WITHIN NYSDOT ROW SHALL BE REPAIRED TO MEET NYSDOT STANDARDS AT THE CONTRACTOR'S EXPENSE.

13. NYSIDOT OPERATIONS TAKE PRECEDENCE OVER HIGHWAY WORK PERMIT OPERATIONS. CONTRACTOR SHALL NOT HAVE WORK OPERATIONS IN PAVEMENT DURING INCLEMENT WEATHER CONDITIONS OR DURING SNOW AND ICE REMOVAL OPERATIONS ON STATE HIGHWAYS.



NOTES:

- 1) BACKFILL OF SUITABLE MATERIAL SHALL BE COMPACTED IN MAXIMUM 6" LIFTS.
- 2) ALL DISTURBED AREAS SHALL BE MULCHED OR HAVE TURF ESTABLISHED WITHIN 10 DAYS
- 3) ALL WORK SHALL CONFORM TO NYSDOT SPECIFICATIONS.

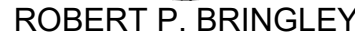
2 EXCAVATION/ RESTORATION DETAIL WITHIN NYS RIGHT-OF-WAY OUTSIDE OF PAVEMENT AND SHOULDER --- **STANDARD NYS DOT DETAIL** LAST REVISED: 08/16/16

JOB NO: 1022-19
SCALE: AS SHOWN
DRAWN: CMP
DESIGNED: RJT
DATE: 11/10/21

REVISIONS

DATE	BY	REVISION
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IT IS A VIOLATION OF NEW YORK STATE EDUCATION LAW ARTICLE 145, SECTION 7209 FOR ANY PERSON, UNLESS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL,



15 of 15

SHEET No:

1022-19

DRAWING No