

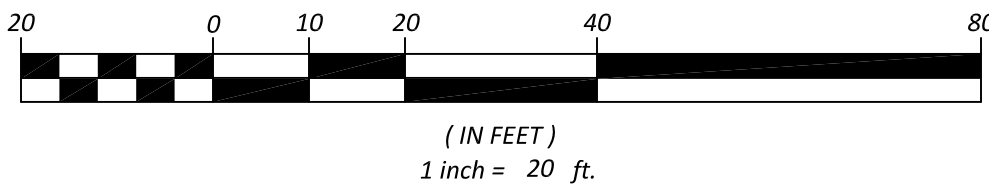
LEGEND

- PROPERTY LINE
- EXISTING CONTOUR
- FINISH GRADE CONTOUR
- DRAINAGE DITCH
- EXISTING STORM DRAIN LINE
- EXISTING WATER LINE (APPROX.)
- RAILROAD TRACKS
- STORMWATER CATCH BASIN
- UTILITY POLE

TYPE II STONE FILL
(VAOT SEC. 706.04(A))
THE LONGEST DIMENSION OF THE STONE SHALL VARY FROM 2 INCHES TO 36 INCHES, AND AT LEAST 50 PERCENT OF THE VOLUME OF THE STONE IN PLACE SHALL HAVE A LEAST DIMENSION OF 12 INCHES.

NOTES

- THIS IS NOT A BOUNDARY SURVEY. PROPERTY BOUNDARIES ARE FROM TOWN OF WALLINGFORD TAX MAPS AND ARE APPROXIMATE.
- EXISTING TOPOGRAPHY IS FROM RUTLAND COUNTY LIDAR. EXISTING STORM INFRASTRUCTURE ELEVATIONS CONFIRMED BY TOTAL STATION SURVEY CONDUCTED BY THIS OFFICE ON 5/24/18.
- UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE FROM VARIOUS SOURCES AND NEED TO BE VERIFIED BEFORE ANY CONSTRUCTION OR DISTURBANCE BEGINS.



CONCEPT

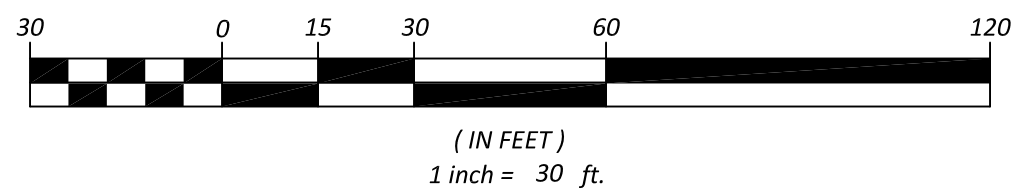
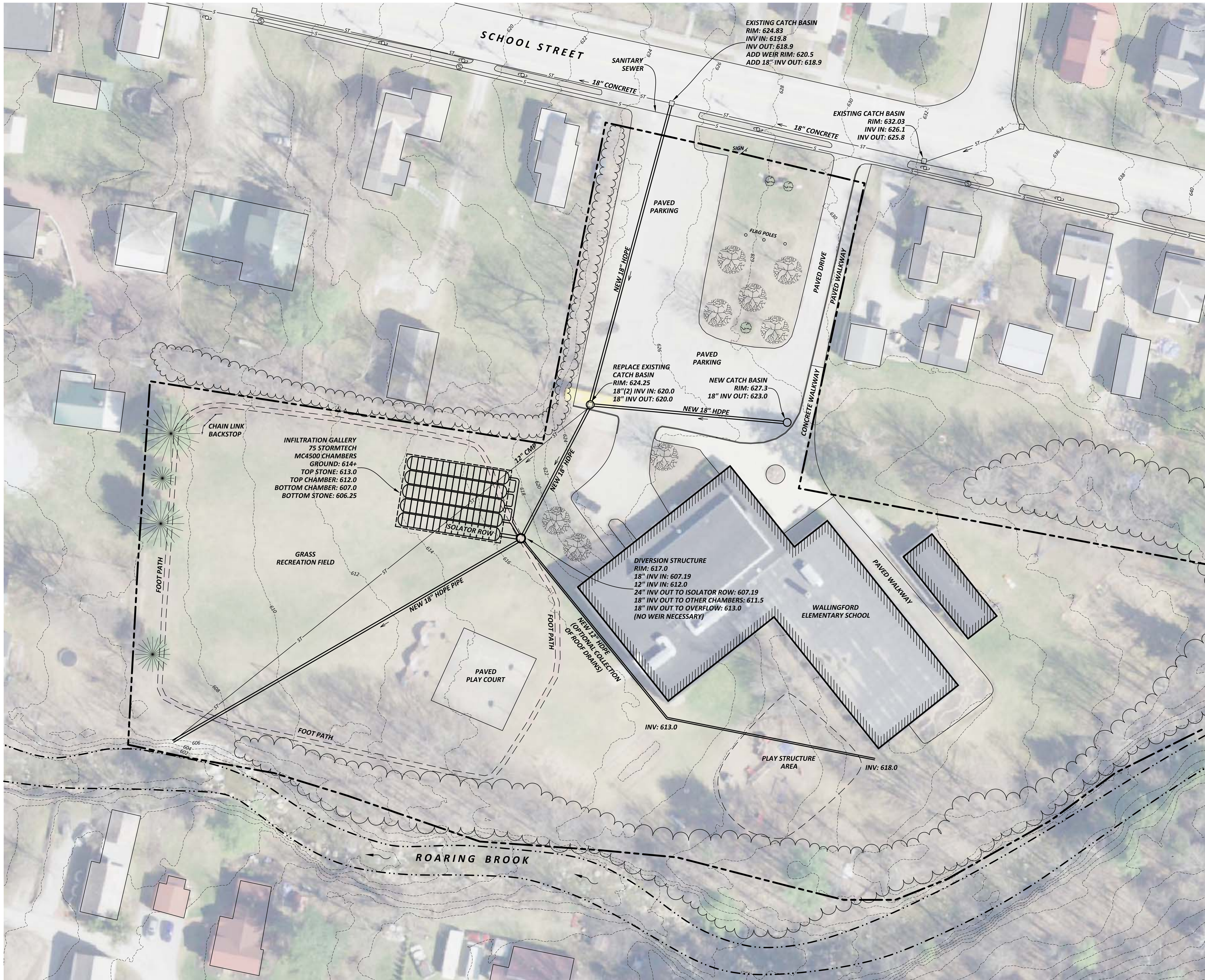
WALLINGFORD STORMWATER MASTER PLAN
WALLINGFORD, VERMONT

FAMILY DOLLAR SITE PLAN

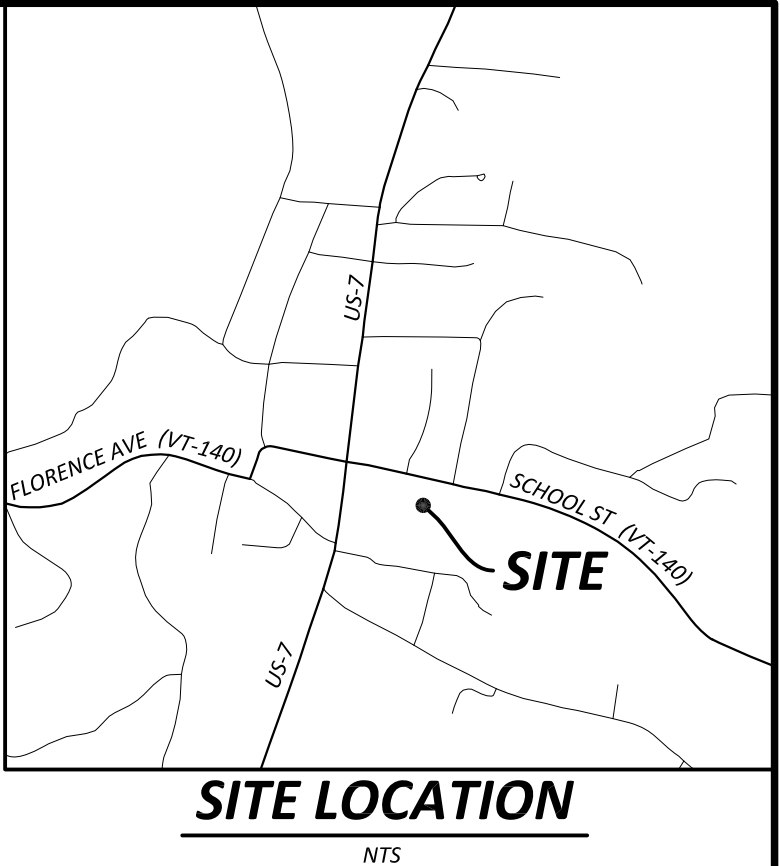


Stormwater Management | Water Quality | Erosion Control
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DATE:	11/5/18	CHECKED BY:	AT	SHEET:	1 OF



CONCEPT



LEGEND

- PROPERTY LINE
- - - - - EXISTING CONTOUR
- . - . - EDGE OF RIVER
- ST - EXISTING STORM DRAIN LINE
- S - EXISTING SANITARY SEWER LINE
- ~ ~ ~ TREE LINE
- STORMWATER CATCH BASIN
- ⊕ UTILITY POLE
- ⊙ SANITARY SEWER MANHOLE

NOTES

1. THIS IS NOT A BOUNDARY SURVEY. PROPERTY BOUNDARIES ARE FROM TOWN OF WALLINGFORD TAX MAPS AND ARE APPROXIMATE.
2. EXISTING TOPOGRAPHY IS FROM RUTLAND COUNTY LIDAR. EXISTING STORM INFRASTRUCTURE ELEVATIONS CONFIRMED BY TOTAL STATION SURVEY CONDUCTED BY THIS OFFICE ON 5/24/18.
3. UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE FROM VARIOUS SOURCES AND NEED TO BE VERIFIED BEFORE ANY CONSTRUCTION OR DISTURBANCE BEGINS.

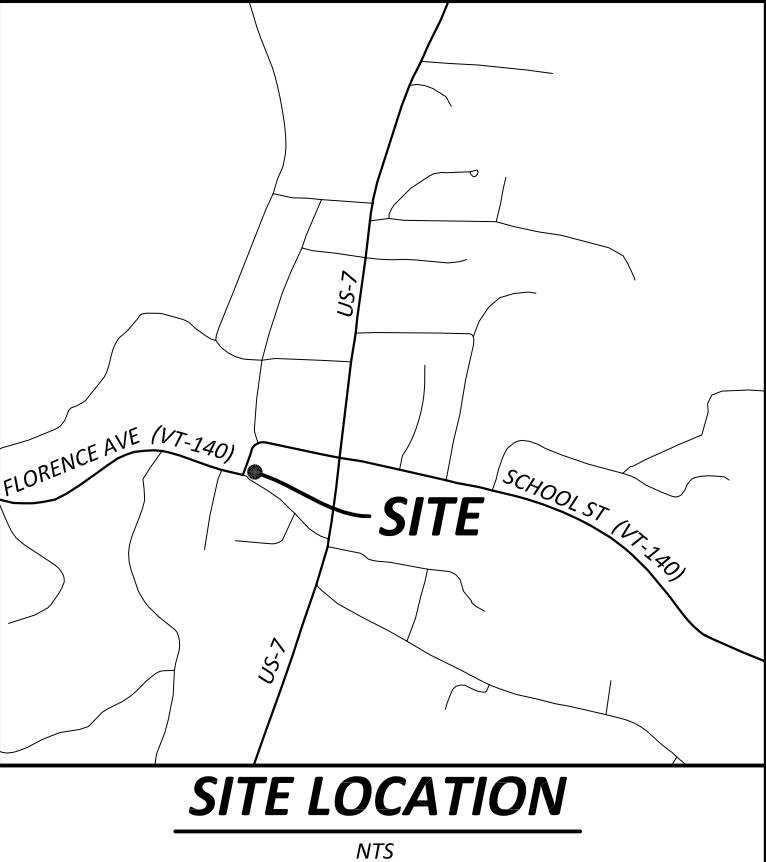
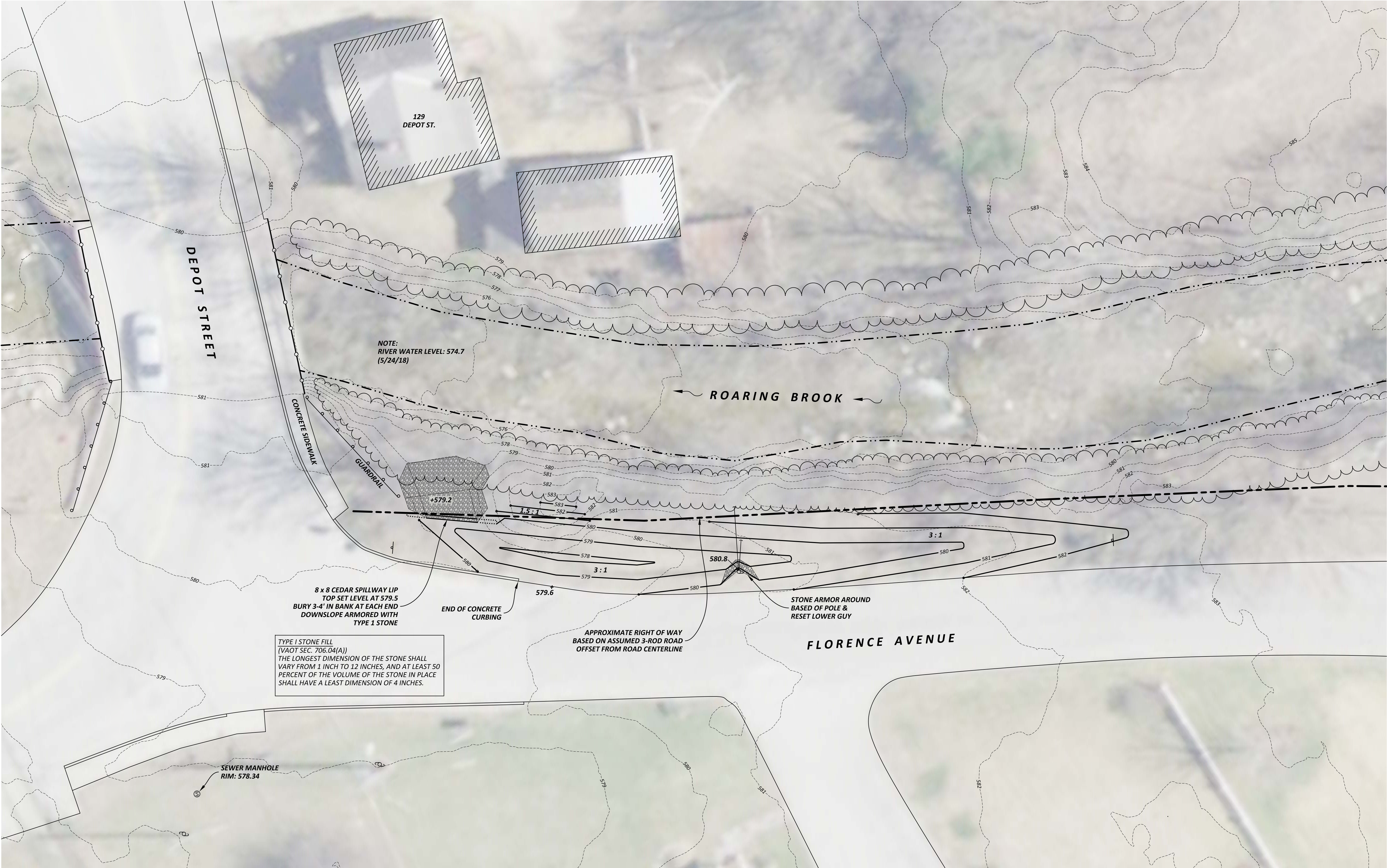
WALLINGFORD STORMWATER MASTER PLAN
WALLINGFORD, VERMONT

ELEMENTARY SCHOOL SITE PLAN



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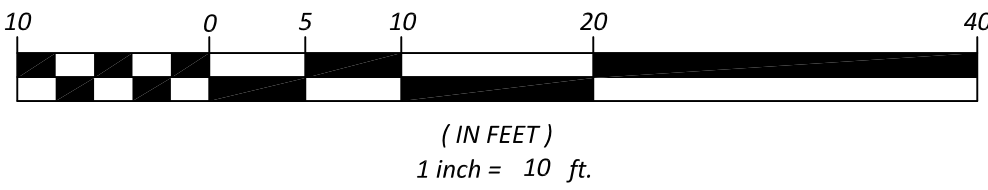


NOTES

1. THIS IS NOT A BOUNDARY SURVEY. PROPERTY BOUNDARIES ARE FROM TOWN OF WALLINGFORD TAX MAPS AND ARE APPROXIMATE.

3. EXISTING TOPOGRAPHY IS FROM TOTAL STATION SURVEY CONDUCTED BY THIS OFFICE ON 5/24/18 AND SUPPLEMENTED WITH RUTLAND COUNTY LIDAR.

3. UNDERGROUND UTILITIES WERE NOT LOCATED DURING SITE SURVEY AND NEED TO BE VERIFIED BEFORE ANY CONSTRUCTION OR DISTURBANCE BEGINS.



LEGEND

- RIGHT OF WAY
- EXISTING CONTOUR
- FINISH GRADE CONTOUR
- EDGE OF RIVER
- TREE LINE
- GUARDRAIL
- UTILITY POLE WITH GUY WIRE
- SANITARY SEWER MANHOLE
- SIGN

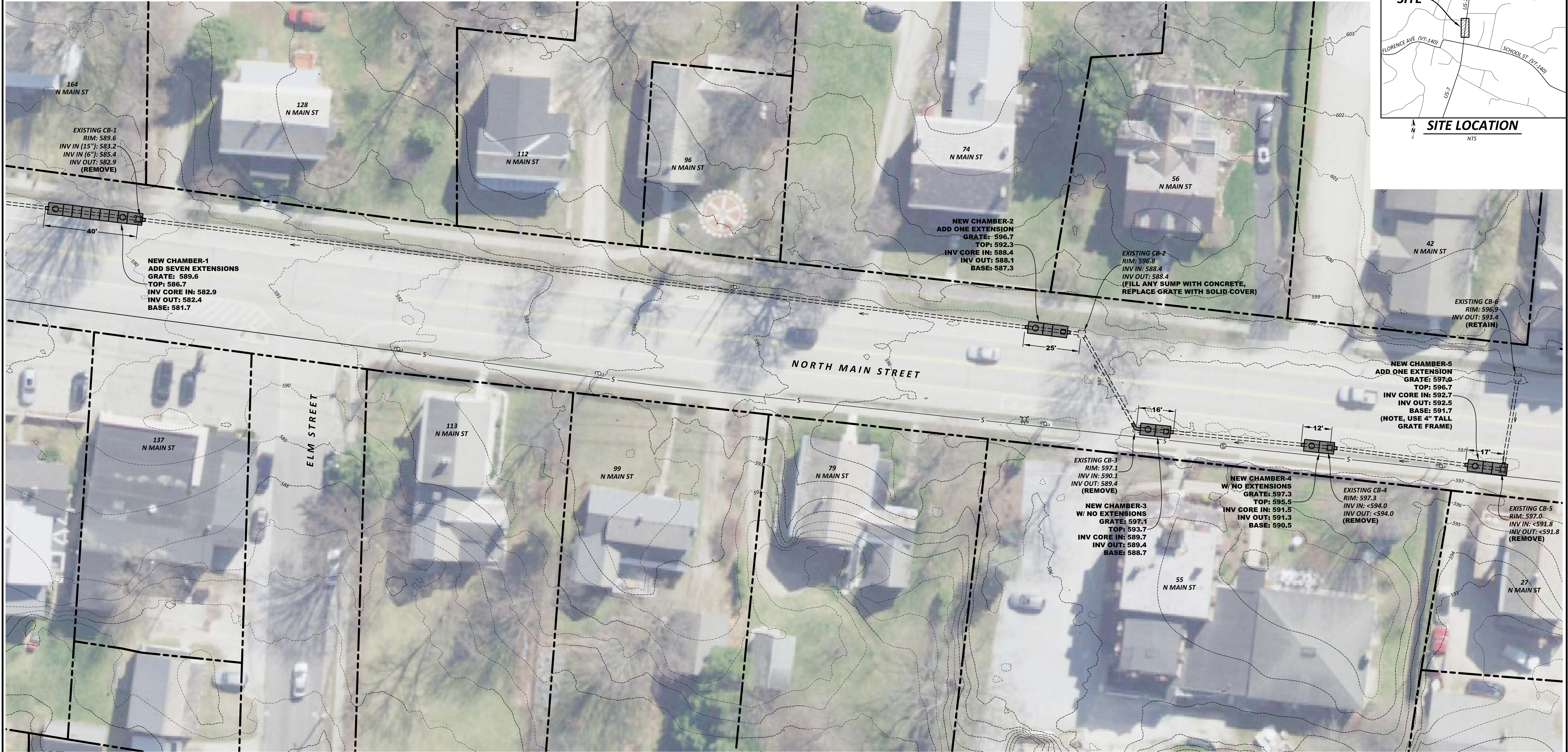
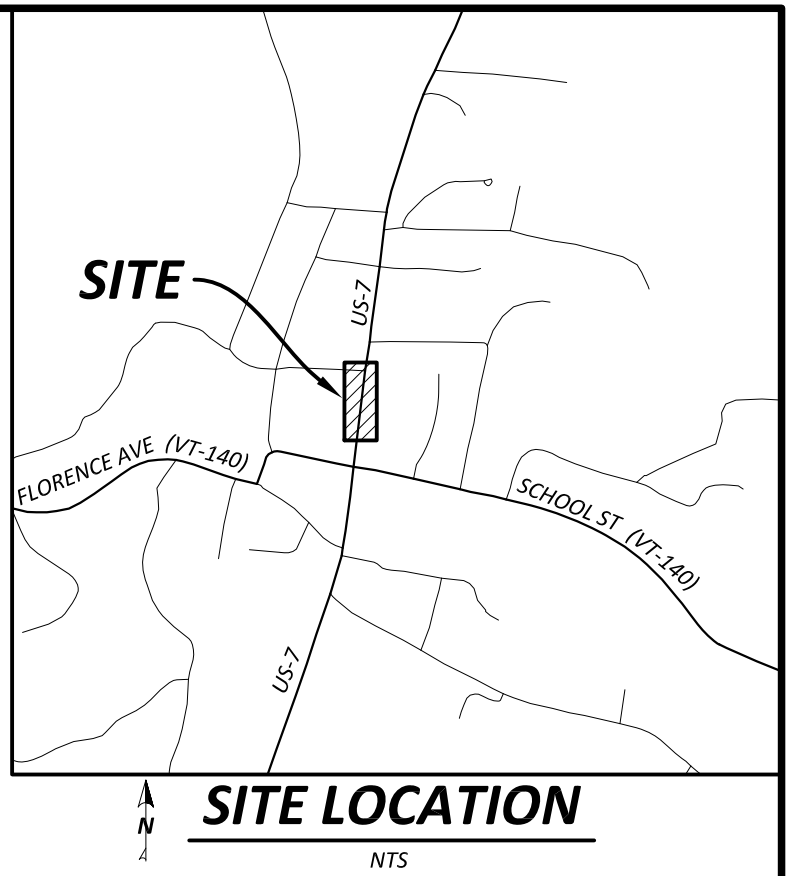
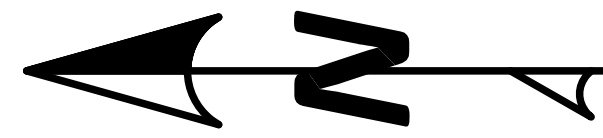
WALLINGFORD STORMWATER MASTER PLAN
WALLINGFORD, VERMONT

FLORENCE AVENUE SITE PLAN



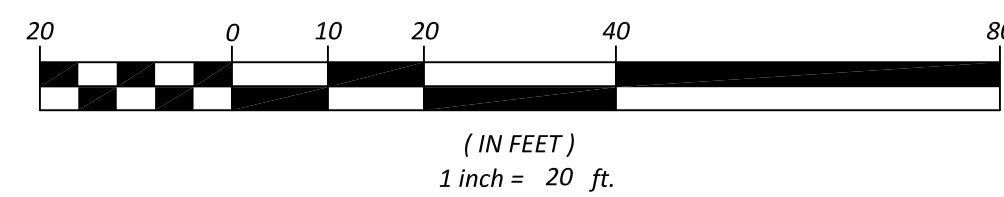
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LEGEND

- PROPERTY LINE
- - - - - EXISTING CONTOUR
- - - - - EXISTING STORM LINE
- S - SEWER LINE
- ⊙ SEWER MANHOLE
- ⊠ EXISTING CATCH BASIN
- ⊕ HYDRANT
- ⊙ UTILITY POLE



NOTES

1. THIS IS NOT A BOUNDARY SURVEY. PROPERTY BOUNDARIES ARE FROM TOWN OF WALLINGFORD TAX MAPS AND ARE APPROXIMATE.
2. EXISTING TOPOGRAPHY IS FROM RUTLAND COUNTY LIDAR. EXISTING STORM INFRASTRUCTURE ELEVATIONS ARE FROM FIELD MEASUREMENTS AND ARE APPROXIMATE.
3. UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE FROM VARIOUS SOURCES AND NEED TO BE VERIFIED BEFORE ANY CONSTRUCTION OR DISTURBANCE BEGINS.

CONCEPT

WALLINGFORD STORMWATER MASTER PLAN
WALLINGFORD, VERMONT

NORTH MAIN STREET STORMWATER IMPROVEMENTS



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PLAN

DESIGNER INSTRUCTIONS:

1. DETERMINE TREATMENT VOLUME, CALCULATE NUMBER OF EXTENSION SECTIONS, AND OVERALL LENGTH.
2. LAYOUT PROPOSED CONFIGURATION OVER EXISTING STORM PIPES, DETERMINE INVERT AT OUTLET END.
3. BASED ON STORM PIPE DIAMETER, DETERMINE NECESSARY PIPE ADAPTER AND TANK INVERTS.
4. USING SAME ADAPTER ON INLET END, CALCULATE CORING INVERT AND LOCATION FOR INLET END.

STEEL TRASH RACK
BOLT POCKET
6"
CURB ABOVE
24" GRATE
BRACE
15 D
1" WEEP
18" HDPE
30" COVER
FIVE 1/2" WEEPS
6" FILTER MEDIA MIX OVER 1'-10" CRUSHED STONE
BOLT POCKET
2'-6"
ADD REDUCER AS NEEDED (ADJUST INVERTS ACCORDINGLY)

CORING LOCATION AND INVERT PER DESIGNER

PROFILE

24" GRATE
30" COVER
CURB
PAVEMENT
STEEL TRASH RACK
BOLT POCKET
3'-6"
2'-9"
CONNECT PIPE WITH BAND CLAMP
6" FILTER MEDIA MIX FILTER FABRIC
1'-10" CRUSHED STONE
18" HDPE
FIVE 1/2" WEEPS
3"
1'-6"
6"
1'-6"
6"
3'-5"
6'-6"
6"
ANTI-FLOATATION CABLE
INLET
15 D
4"
1" WEEP
1" WEEP
BRACE
OVERFLOW RIM
OUTLET
5'-0"

CORING INVERT PER DESIGNER

SECTION

30" COVER
STEEL TRASH RACK
BOLT POCKET
6" FILTER MEDIA MIX FILTER FABRIC
1'-10" CRUSHED STONE
BOLT POCKET
1" WEEP
18" HDPE
1" WEEP
3"
FIVE 1/2" WEEPS
BRACE
5'-0"
ANTI-FLOATATION CABLE

PLAN

6"

BOLT POCKET

24" GRATE

1" WEEP

6" FILTER MEDIA MIX OVER 1'-10" CRUSHED STONE

30" COVER

BRACE

18" HDPE

FIVE 1/2" WEEPS

CURB ABOVE

ADD REDUCER AS NEEDED (ADJUST INVERTS ACCORDINGLY)

2'-6"

BOLT POCKET

OPTIONAL CORING FOR SECONDARY CS SOURCE INVERT PER DESIGNER

DESIGNER INSTRUCTIONS:

1. DETERMINE TREATMENT VOLUME, CALCULATE NUMBER OF EXTENSION SECTIONS, AND OVERALL LENGTH.
2. LAYOUT PROPOSED CONFIGURATION OVER EXISTING STORM PIPES, DETERMINE INVERT AT OUTLET END.
3. BASED ON STORM PIPE DIAMETER, DETERMINE NECESSARY PIPE ADAPTER AND TANK INVERTS.
4. IF SECONDARY SOURCE WILL FEED UNIT, CALCULATE CORING INVERT AND LOCATION FOR INLET END.

PROFILE

24" GRATE

3'-6"

3'-6"

OVERFLOW RIM

6"

INLET

STEEL TRASH RACK

OPTIONAL CORING FOR SECONDARY CS SOURCE INVERT PER DESIGNER

4"

1" WEEP

1" WEEP

3'-5"

6'-6"

3'-6"

BOLT POCKET

CONNECT PIPE WITH BAND CLAMP

6" FILTER MEDIA MIX FILTER FABRIC

1'-10" CRUSHED STONE

18" HDPE

BRACE

ANTI-FLOATATION CABLE

6'-6"

3"

FIVE 1/2" WEEPS

1'-6"

OUTLET

PAVEMENT

SECTION

30" COVER

5'-0"

5'-0"

BOLT POCKET

6" FILTER MEDIA MIX FILTER FABRIC

1'-10" CRUSHED STONE

BOLT POCKET

1" WEEP

18" HDPE

1" WEEP

3"

FIVE 1/2" WEEPS

BRACE

ANTI-FLOATATION CABLE

The image contains three technical drawings of a water filter unit, labeled PLAN, PROFILE, and SECTION.

- PLAN View:** Shows a top-down view of the filter. It is a square unit with a width of 4'-0" and a height of 5'-0". The outer frame is 6" thick. The inner filter area is 18" in diameter. The filter media consists of a 6" layer of filter media mix over a 1'-10" layer of crushed stone. The filter is supported by a 18" HDPE pipe. The filter is covered by an optional 30" cover. The filter is secured with a brace and a band clamp. The filter is connected to a 6" pipe with a band clamp. The filter is supported by a 18" HDPE pipe. The filter is covered by an optional 30" cover. The filter is secured with a brace and a band clamp. The filter is connected to a 6" pipe with a band clamp.
- PROFILE View:** Shows a side view of the filter. It is a square unit with a width of 4'-0" and a height of 5'-0". The outer frame is 6" thick. The inner filter area is 18" in diameter. The filter media consists of a 6" layer of filter media mix over a 1'-10" layer of crushed stone. The filter is supported by a 18" HDPE pipe. The filter is covered by an optional 30" cover. The filter is secured with a brace and a band clamp. The filter is connected to a 6" pipe with a band clamp. The filter is supported by a 18" HDPE pipe. The filter is covered by an optional 30" cover. The filter is secured with a brace and a band clamp. The filter is connected to a 6" pipe with a band clamp.
- SECTION View:** Shows a cross-section of the filter. It is a square unit with a width of 5'-0" and a height of 5'-0". The outer frame is 6" thick. The inner filter area is 18" in diameter. The filter media consists of a 6" layer of filter media mix over a 1'-10" layer of crushed stone. The filter is supported by a 18" HDPE pipe. The filter is covered by an optional 30" cover. The filter is secured with a brace and a band clamp. The filter is connected to a 6" pipe with a band clamp. The filter is supported by a 18" HDPE pipe. The filter is covered by an optional 30" cover. The filter is secured with a brace and a band clamp. The filter is connected to a 6" pipe with a band clamp.

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