



February 24, 2021

Ms. Suzanne Simone
Town of Cheshire
84 South Main Street
Cheshire, CT 06410

**Re: Proposed Starbucks
944 South Main Street
Cheshire, Connecticut
SLR #141.17378.00001.0040**

RECEIVED
Town of Cheshire
FEB 24 2021

Dear Suzanne,

Please find attached a revised site development plan set that was approved by the Cheshire Planning and Zoning Commission. These plans show a bioretention basin in the 50-foot upland review area on the east side of the property adjacent to the Mill River that was not shown on the design plans referenced in the Cheshire Inland Wetlands and Watercourses Commission (CIWWC) permit letter issued on January 25, 2021. This bioretention basin was requested by the Regional Water Authority in a review letter from Mr. Ron Walters to the Cheshire Planning and Zoning Commission dated December 10, 2020. The basin was requested to enhance stormwater quality treatment from the adjacent building and paved areas prior to discharge to the Mill River. The basin also provides flood storage volume to mitigate proposed filling in the Federal Emergency Management Agency (FEMA) 100-year floodplain. The design of the bioretention basin and floodplain storage computations not completed at the time of the CIWWC decision.

While the permitted upland review area disturbance does not change, the grading and proposed plantings have changed to accommodate the bioretention basin. We are submitting these plans for review so that CIWWC is aware of the change and that both permit files are complete. Therefore, we are requesting that the Commission review these plans as a permit determination to confirm that the plan as proposed does not represent a new impact that would require a modification of the permit. However, should a permit be needed, an updated application is also attached.

Should you have any questions or need any further information, please feel free to contact me at (203) 271-1773.

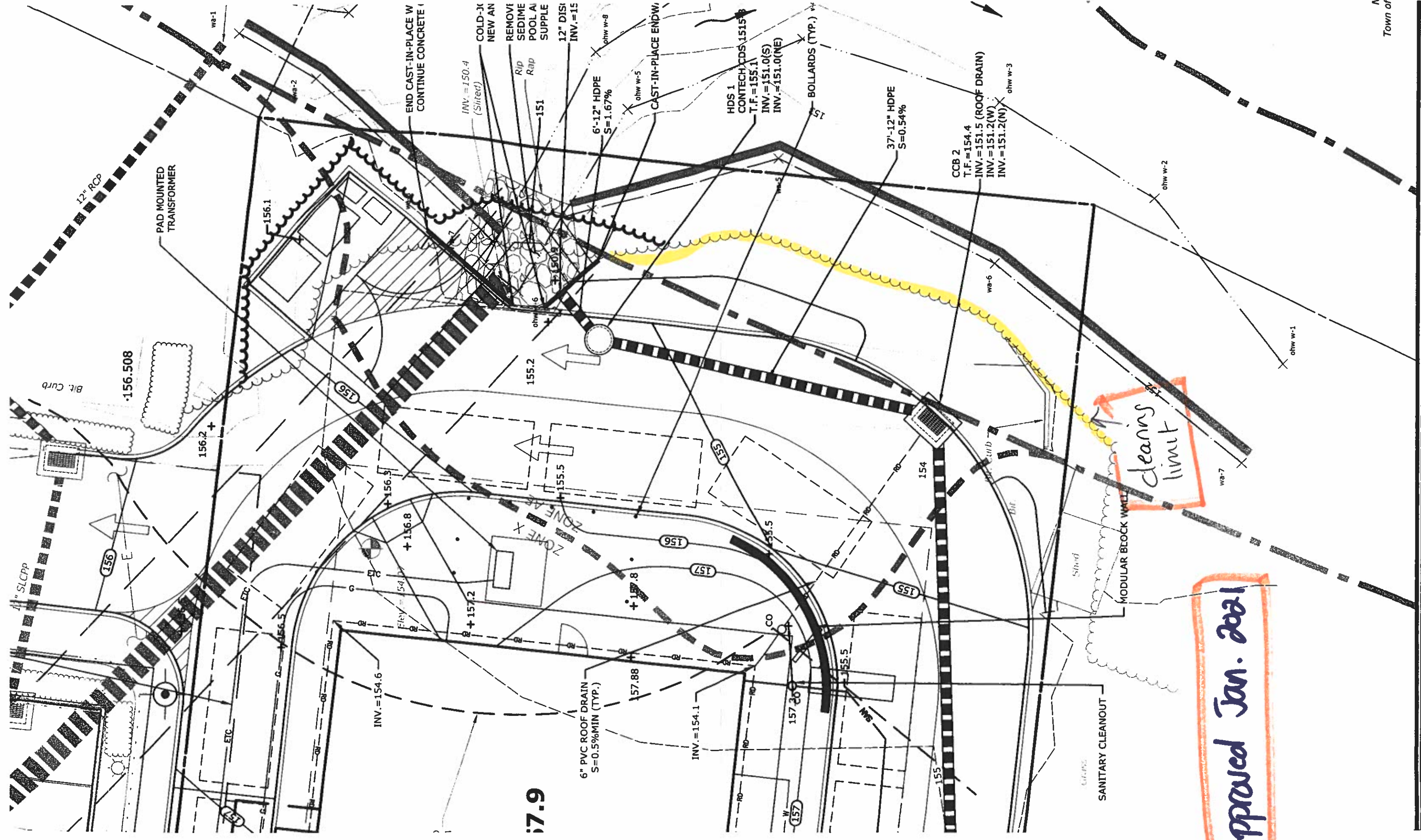
Sincerely,

SLR International Corporation

Darin L. Overton, PE
Principal Civil Engineer

Enclosures

17378.00001.0040.f2421.ltr.docx



17.9

Approved Jan. 2021

SANITARY CLEANOUT

MODULAR BLOCK WALL

cleaning limit

PAD MOUNTED TRANSFORMER

wa-1

wa-2

156.2

156.1

INV. = 154.6

156.8

INV. = 150.4

151

155.2

155.5

157.8

157.88

INV. = 154.1

157.20

155.5

154

INV. = 154.4

INV. = 151.2(W)

INV. = 151.2(N)

wa-6

ohw w-2

wa-7

ohw w-1

HDS 1 CONTECH CDS 1515.8 T.F. = 155.1 INV. = 151.0(S) INV. = 151.0(N)

15

BOLLARDS (TYP.)

37'-12" HDPE S=0.54%

6" PVC ROOF DRAIN S=0.5%MIN (TYP.)

6'-12" HDPE S=1.67%

END CAST-IN-PLACE W CONTINUE CONCRETE

CAST-IN-PLACE ENDW

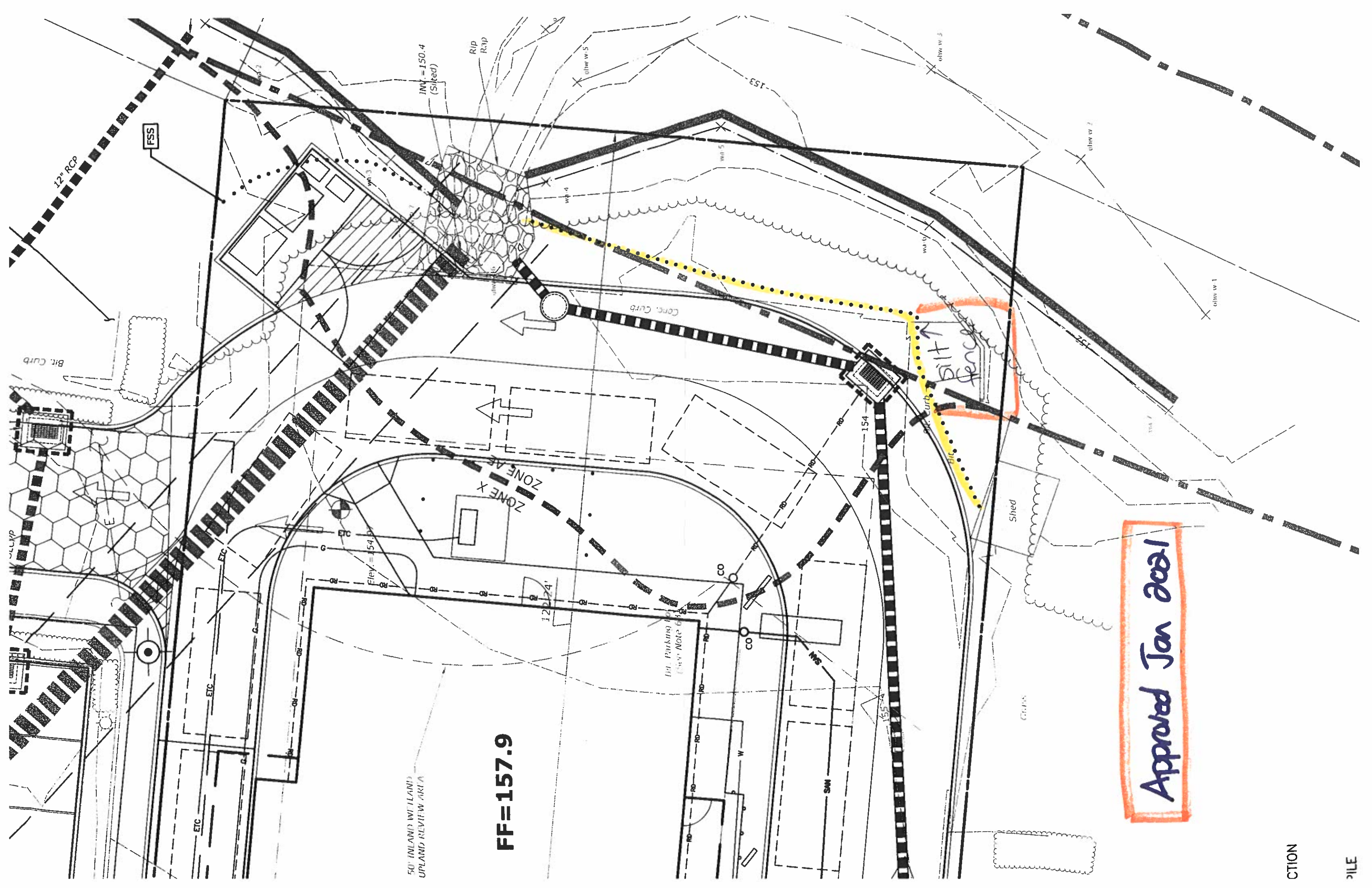
COLD-JC NEW AN REMOVE SEDIME POOL AI SUPPLE 12" DISK INV. = 15

Rip Rap

ohw w-8

CCB 2 T.F. = 154.4 INV. = 151.5 (ROOF DRAIN) INV. = 151.2(W) INV. = 151.2(N)

ohw w-3



50' INLAND WETLANDS
UPLAND REVIEW AREA

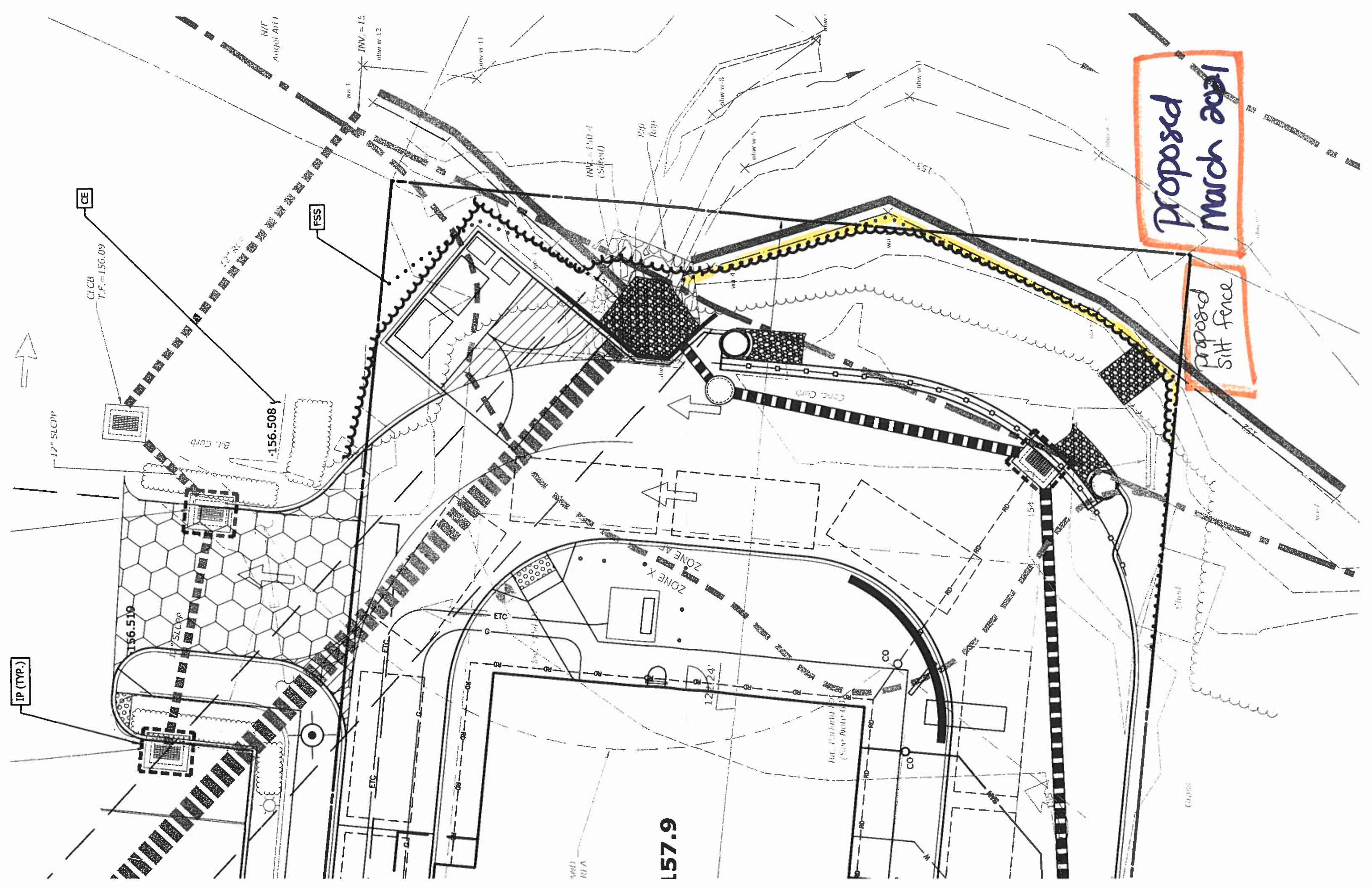
FF=157.9

ZONE X
ZONE A

Approved Jan 2021

CTION

PILE



Proposed March 2021

Proposed Silt fence

.157.9

ZONE X
ZONE A

N/F
Autopipe Air 1

FSS

CE

CLCB
T.F. = 156.09

.156.508

.156.519

IP (TYP.)



ELECTRICAL POWER LINE
CONTRACTOR TO COORDINATE WITH
EVERSOURCE FOR CONNECTION

156.519

156.508

N/F
Angel Ari Perez

PAD MOUNTED
TRANSFORMER
PROTECTIVE
STEEL BOLLARD

wa-1
INV. = 154.4
ohw w-12

ohw w-11

156.1

INV. = 154.6

157.88

157.88

157.20

156.5

156.4

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12" SLOPE

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BW 153.00

END CAST-IN-PLACE WALL.
CONTINUE CONCRETE CURBING

COLD-JOINT AT JUNCTION OF
NEW AND EXISTING WALLS
REMOVE RIPRAP AND CLEAN OUT
SEDIMENT. CONSTRUCT PLUNGE
POOL AND REPLACE RIPRAP
SUPPLEMENTING AS NEEDED

12" DISCHARGE
INV. = 150.9(SW)

6'-12" HDPE
S = 1.67%

CAST-IN-PLACE ENDWALL

RAIN GUARDIAN UNIT
SEE DETAIL

HDS 1
CONTECH CDS 1515
T.F. = 154.6'
INV. = 151.0(S)
INV. = 151.0(N)

BIORETENTION BASIN
SEE DETAIL

37'-12" CLASS V RCP
S = 0.54%

CLCB 2
T.F. = 153.5
INV. = 151.5 (ROOF DRAIN)
INV. = 151.2(W)
INV. = 151.2(N)

*Proposed
Paving
limit*

MODIFIED RIPRAP (TYP.)

RAIN GUARDIAN UNIT
SEE DETAIL

ohw w-2

**Proposed
March 2021**

MILL RIVER

IN PLACE RETAINING WALL

GUIDE RAIL

R BLOCK WALL

EANOUT