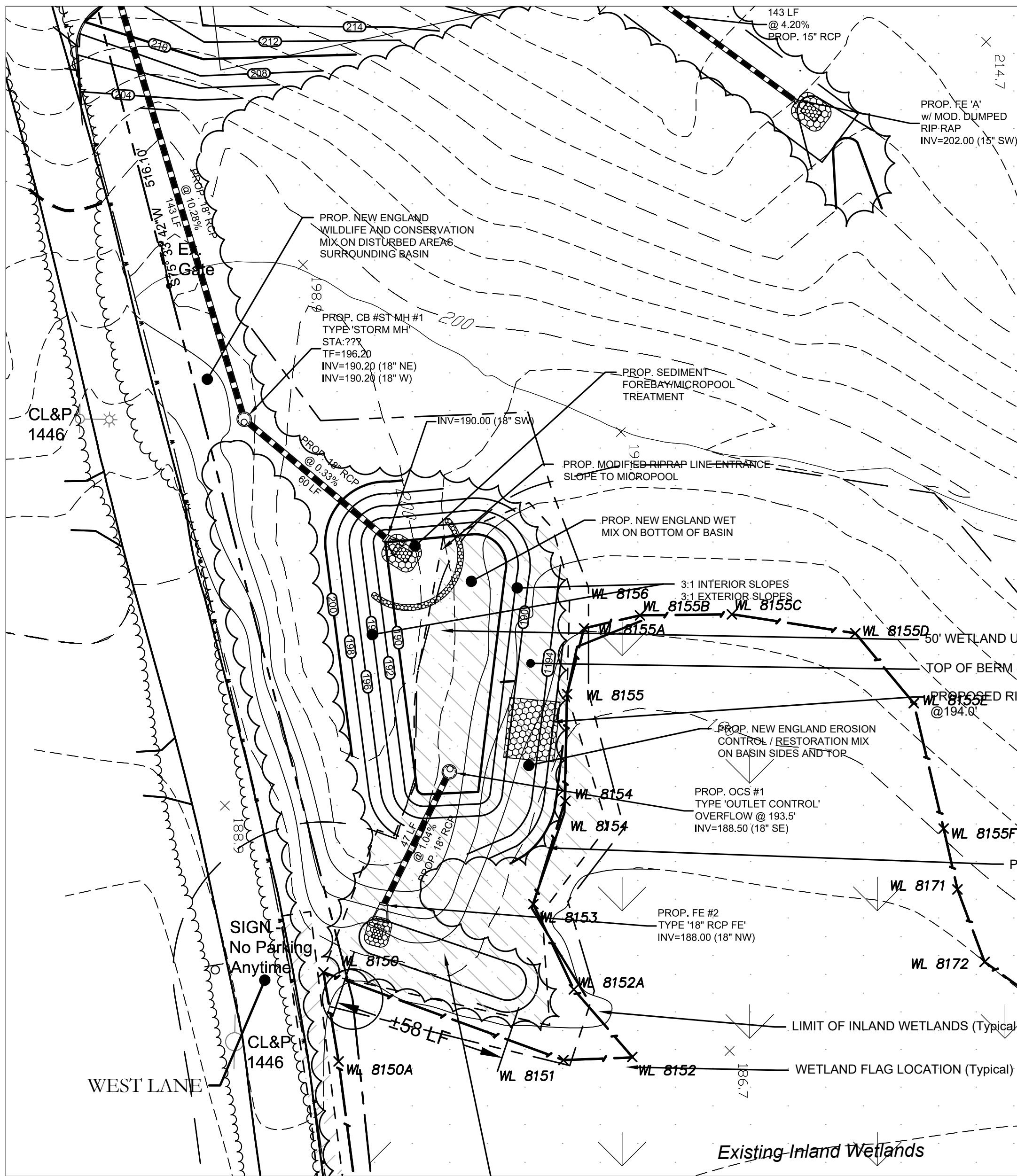
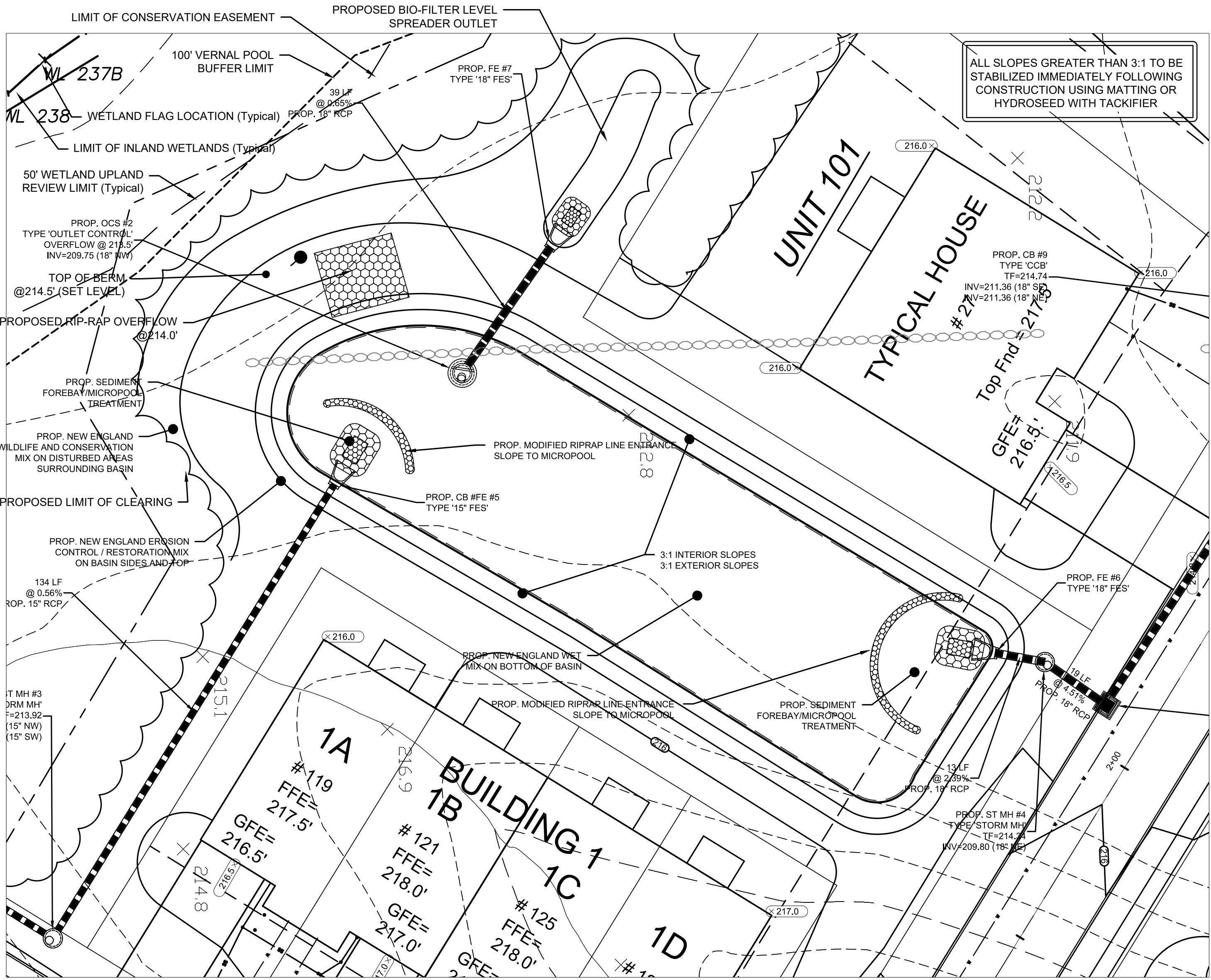
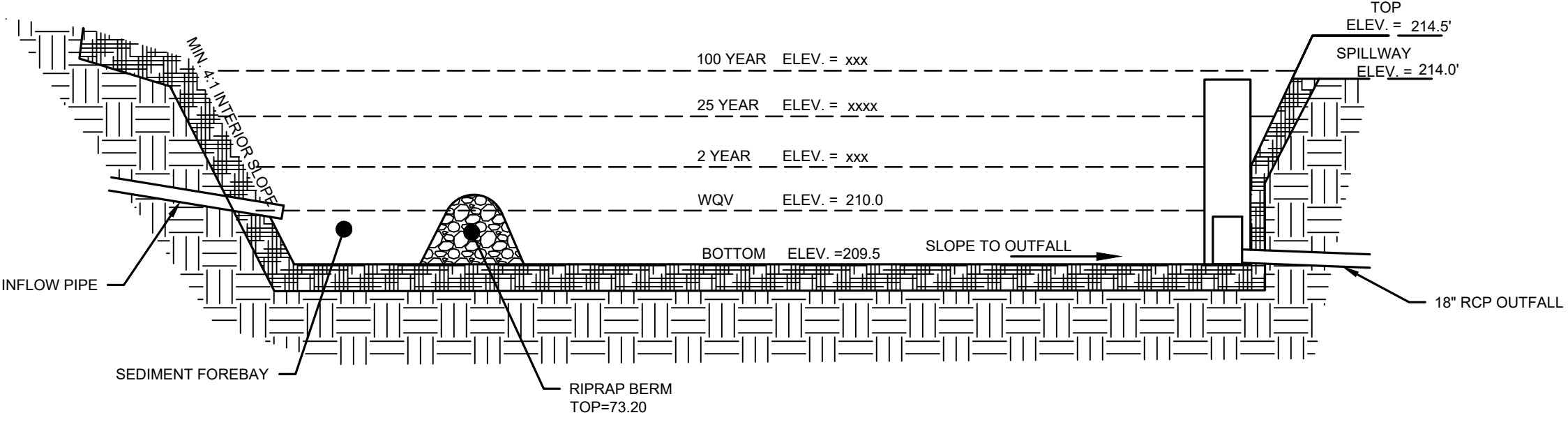






SITE PLAN

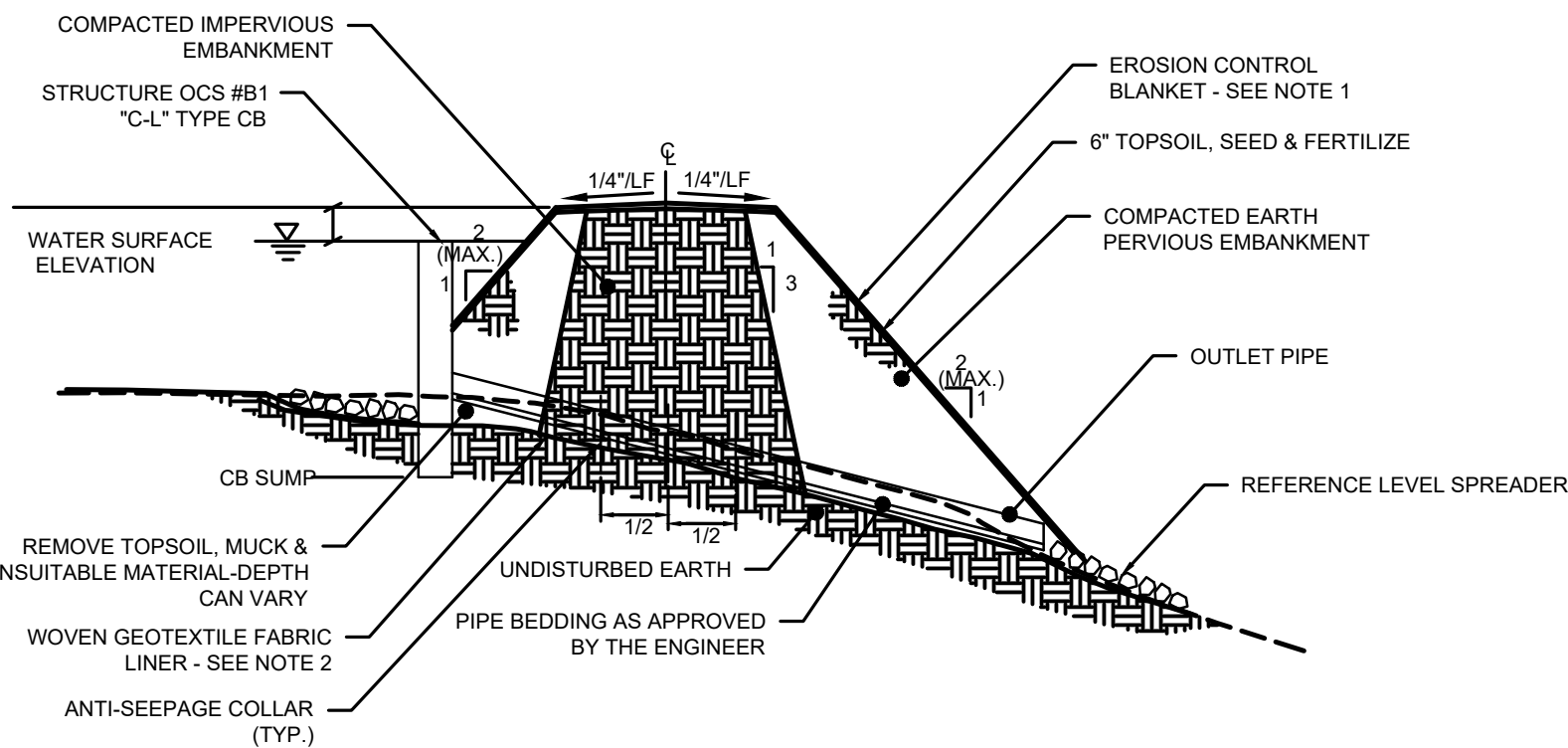
Scale 1"=30'



SCHEMATIC SECTION

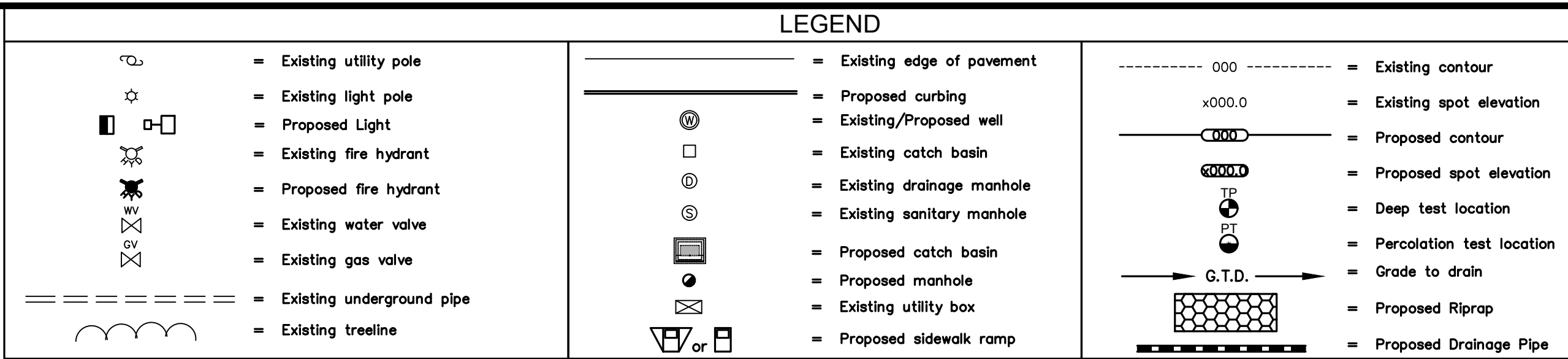
N.T.S.

- NOTES:
1. STRAW BLANKETS SHALL BE S150 AS MANUFACTURED BY NORTH AMERICAN GREEN OR APPROVED EQUAL.
 2. GEOTEXTILE FABRIC LINER SHALL BE MIRAFI 500X OR APPROVED EQUAL TO BE USED AT THE DISCRETION OF THE ENGINEER UPON INSPECTION OF THE SOIL CONDITIONS.
 3. MIRAMAT SHALL BE AS MANUFACTURED BY MIRAFI, INC. OR APPROVED EQUAL INSTALL AS PER MANUFACTURER'S INSTRUCTIONS. MODIFIED RIP-RAP OR ROCK REVELMENT UTILIZING ON-SITE MATERIALS SHALL BE ACCEPTABLE AS PER THE ENGINEER'S INSTRUCTIONS. INSTALL MIRAMAT-TM8 (GREEN) SLOPE REINFORCEMENT ALONG WET EDGE OF BASIN.



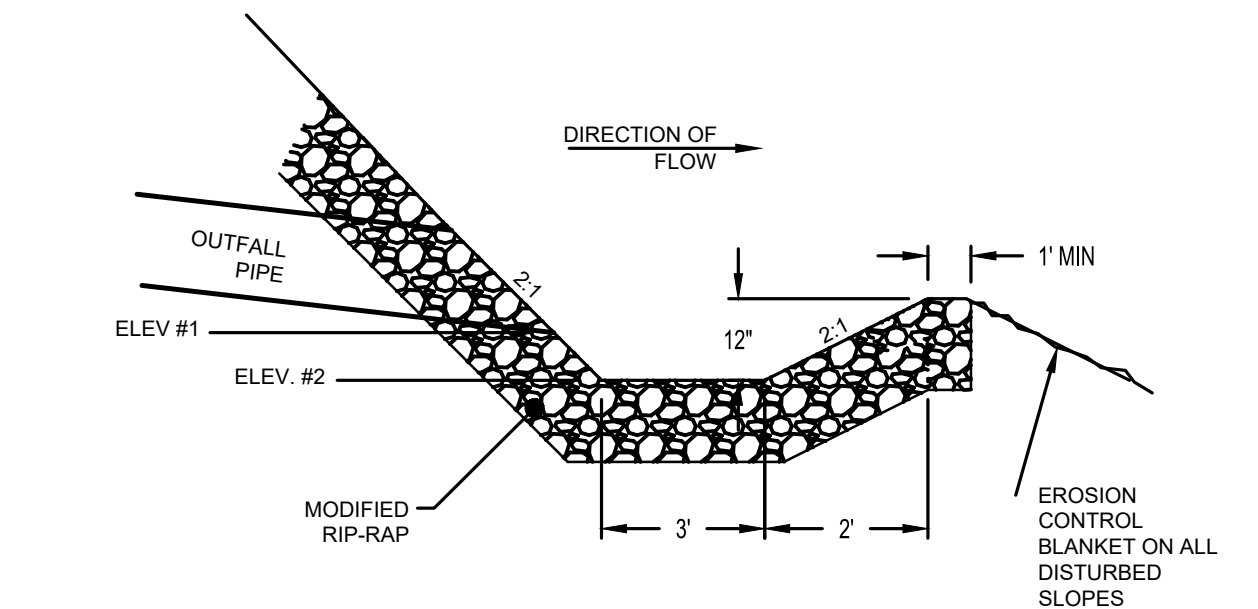
DETENTION BASIN EMBANKMENT DETAIL

N.T.S.



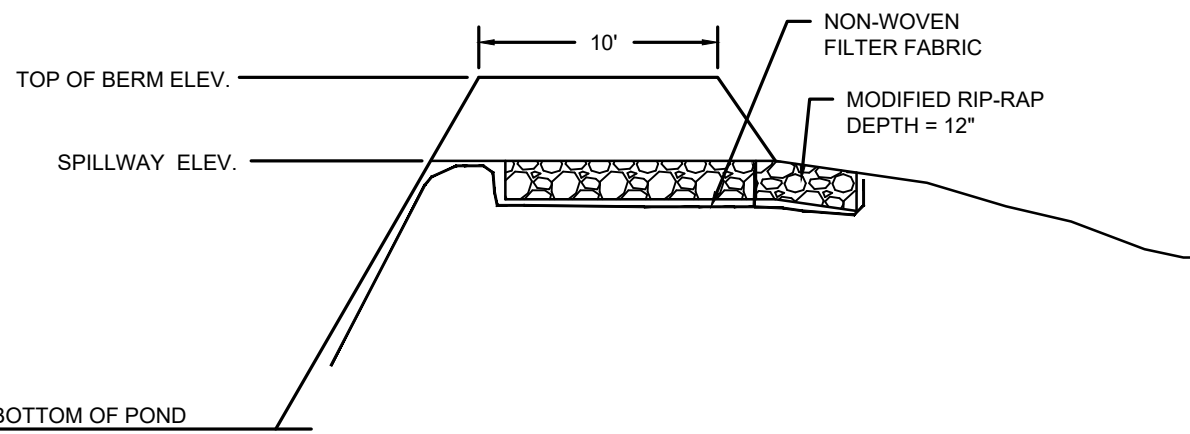
SEED MIX & FABRIC LEGEND

- NEW ENGLAND WET MIX
APPLICATION RATE: 1 POUND/5,000 SQ. FT.
LOCATION: BASIN BOTTOM
- NEW ENGLAND WILDLIFE AND CONSERVATION MIX
APPLICATION RATE: 3 LB /5,000 SQ. FT.
LOCATION: DISTURBED AREAS SURROUNDING BASIN
- NEW ENGLAND EROSION CONTROL/RESTORATION MIX
APPLICATION RATE: 1 LB /1,250 SQ. FT.
LOCATION: BASIN SIDES AND TOP
- SLOPE WITH EROSION CONTROL FABRIC
S150 BY NORTH AMERICAN GREEN
OR APPROVED EQUAL
(LOAM AND SEED, THEN APPLY FABRIC)
ALL SLOPES 3:1 OR STEEPER



LEVEL SPREADER

N.T.S.

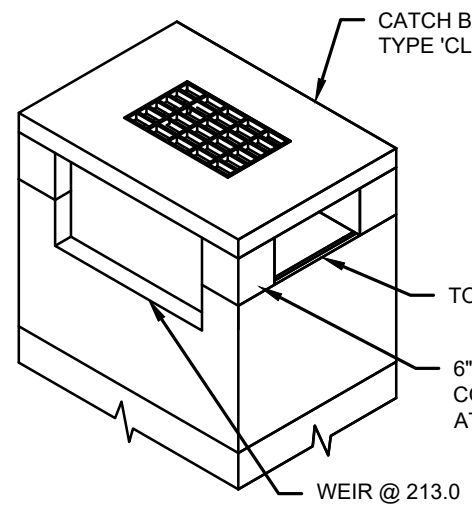


MODIFIED RIP-RAP SPILLWAY DETAIL

N.T.S.

TRASH RACK OPTIONS:

- A. MANUFACTURED BY PLASTIC SOLUTIONS INC. OR EQUAL.
- B. INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.
- C. 3.0 LBS/SF EXPANDED STEEL GRATE WELDED TO STEEL FRAME
- D. LWO=3.44", SWO=0.94" WIDTH = 0.264"
- E. 1 1/2" x 1 1/2" x 1/4" STEEL ANGLE FRAME WORK
- F. STEEL SHALL CONFORM TO ASTM A-36
- G. ALL SURFACES SHALL BE GALVANIZED AND WELDS SHALL BE COATED WITH A GALVANIZING COMPOUND AFTER WELDING.
- H. FABRICATOR MAY MODIFY COMPONENTS TO IMPROVE CONTRACTIBILITY.



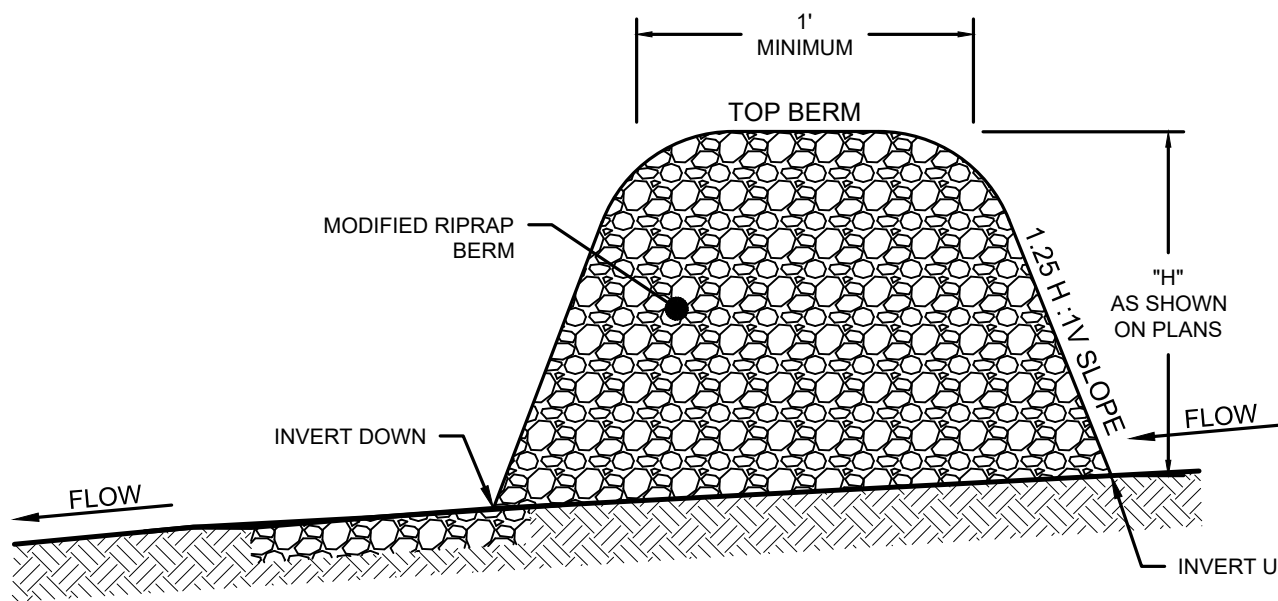
OUTLET CONTROL STRUCTURE DETAIL

N.T.S.

EROSION CONTROL SYMBOL LEGEND

- SILT FENCE
- INLET PROTECTION
- STAKED BALES
- CHECK DAM WATTLE/ROCK OR STONE
- EROSION CONTROL BLANKET
- TEMPORARY WATER BAR (WB) or DIVERSION CHANNEL (TD)

*SYMBOLS DEPICTED IN LEGEND AND PLAN ARE NOT DRAWN TO SCALE. SEE DETAILS FOR SPECIFIC INFORMATION

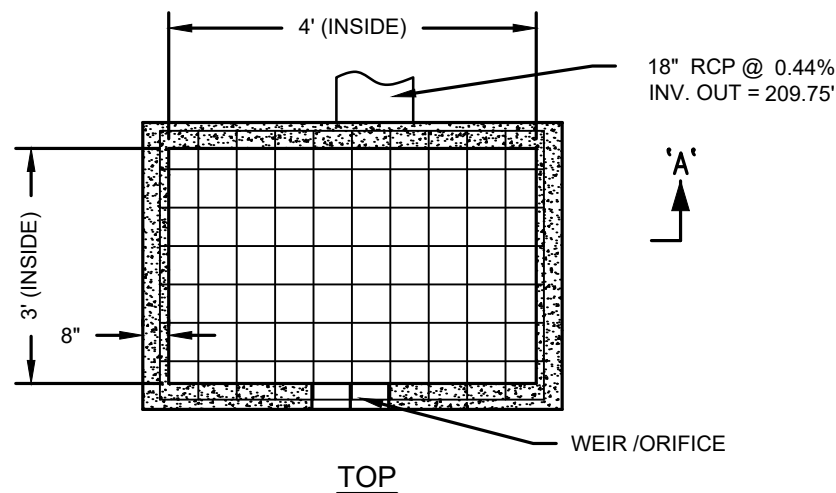


RIPRAP BERM

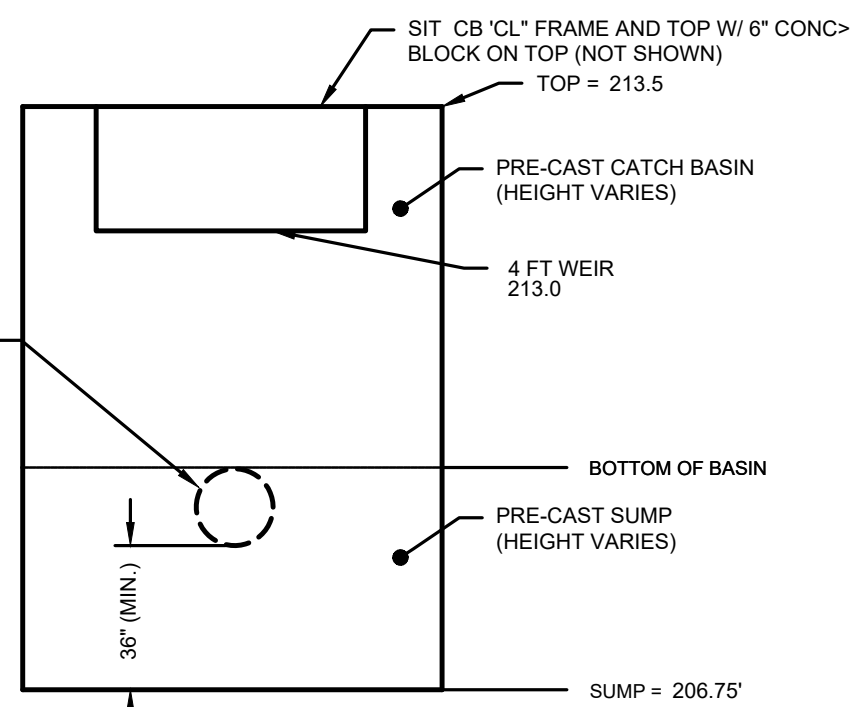
N.T.S.

NOTES:

1. DETAIL IS FOR ILLUSTRATION PURPOSES ONLY. INSTALL STRUCTURE IN ACCORDANCE WITH LOCAL CONSTRUCTION STANDARDS.
2. CONTRACTOR IS TO SUBMIT SHOP DRAWINGS TO ENGINEER FOR REVIEW AND APPROVAL PRIOR TO FABRICATION OF THE STRUCTURE.
3. THE STRUCTURE SHALL BE INSTALLED WATERTIGHT WITH ALL JOINTS PARGED WITH WATER PLUG, AND FROM 6" BELOW THE INLET WEIR AND DOWN THE EXTERIOR WALLS AND BOTTOM SHALL BE EPOXY COATED.



TOP



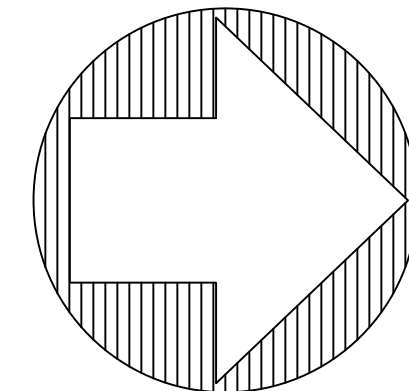
SECTION A-A

N.T.S.



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Barton N. Bovee P.E.
Reg. No.
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Plantsville, CT 06479 - 0044
Tel: (860) 628-4484
Fax: (860) 620-0196
www.heccole.com

PROJECT NAME:

THE "PRESERVE"
AT SHUTTLE
MEADOW
off West Lane
Kensington, Connecticut

PREPARED FOR:

THE PRESERVE
SM, LLC

Sheet Description:

DB2 - DETENTION
BASIN 2



Date: August 24, 2021

Project #: 1713A

F.B. #: xxx

Drawn By: BNB

Approved By: BNB

Revisions:

Date: Descriptions:

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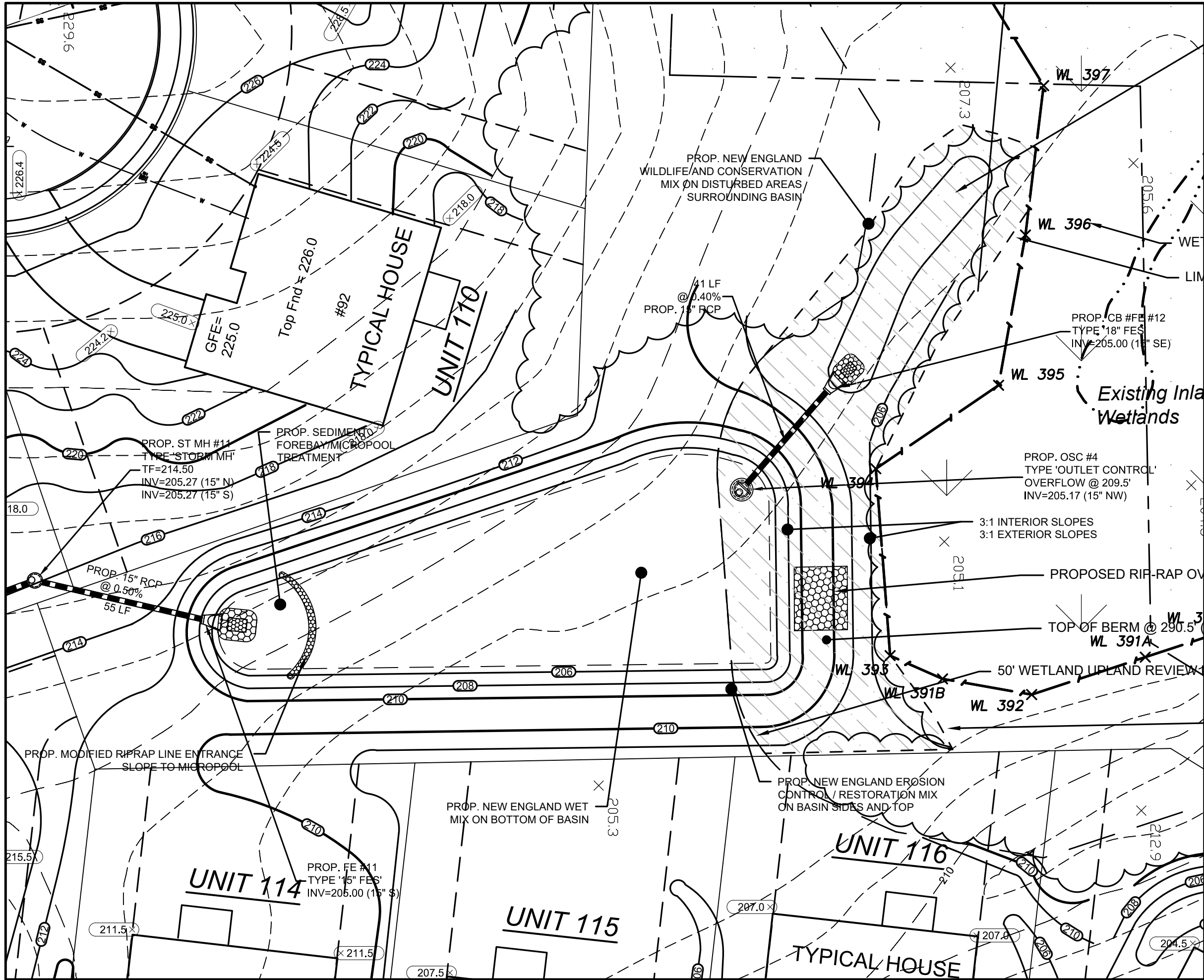
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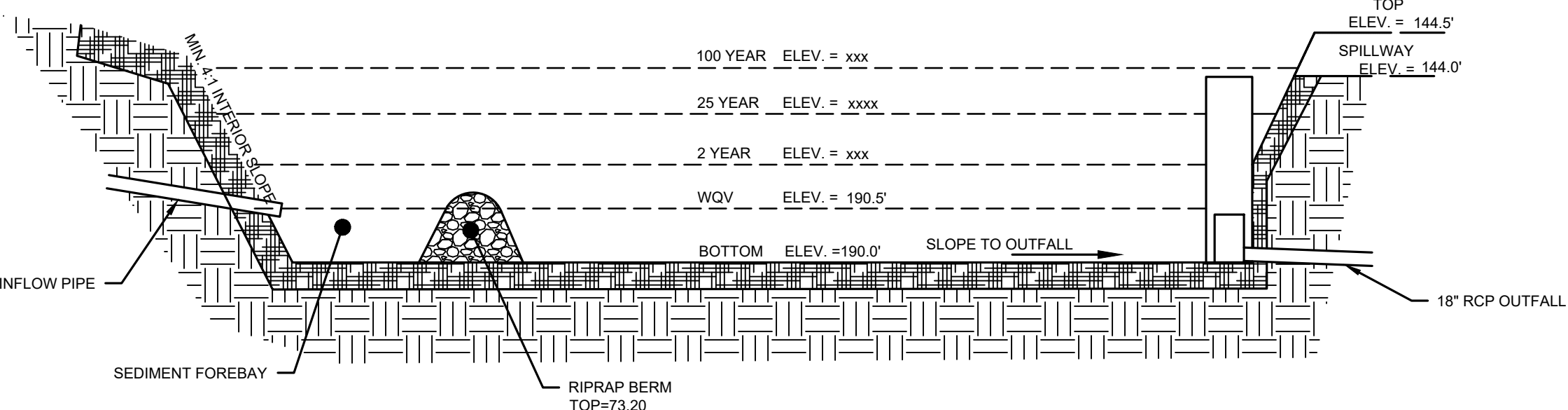
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Sheet #:

DB2

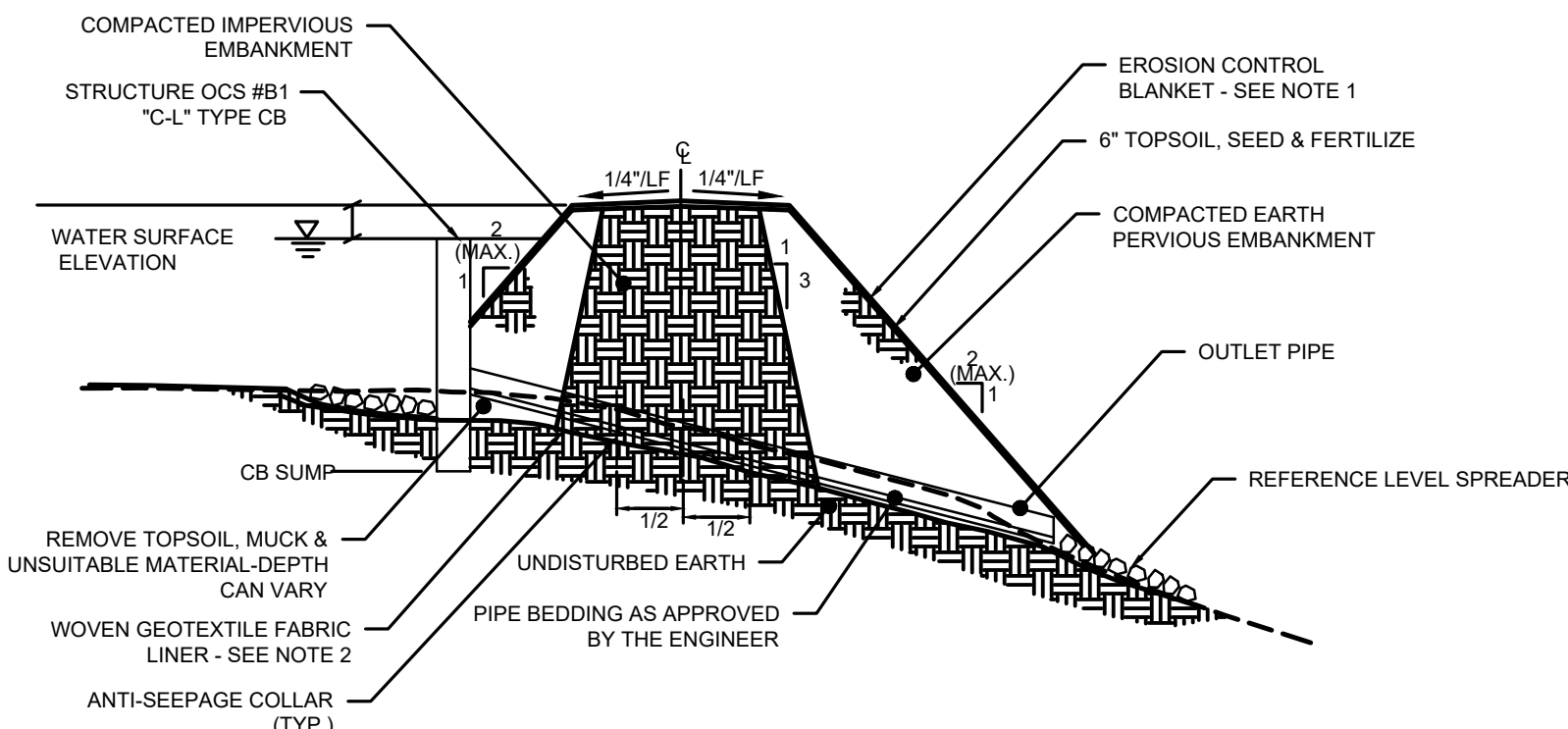


SITE PLAN
Scale 1"=30'

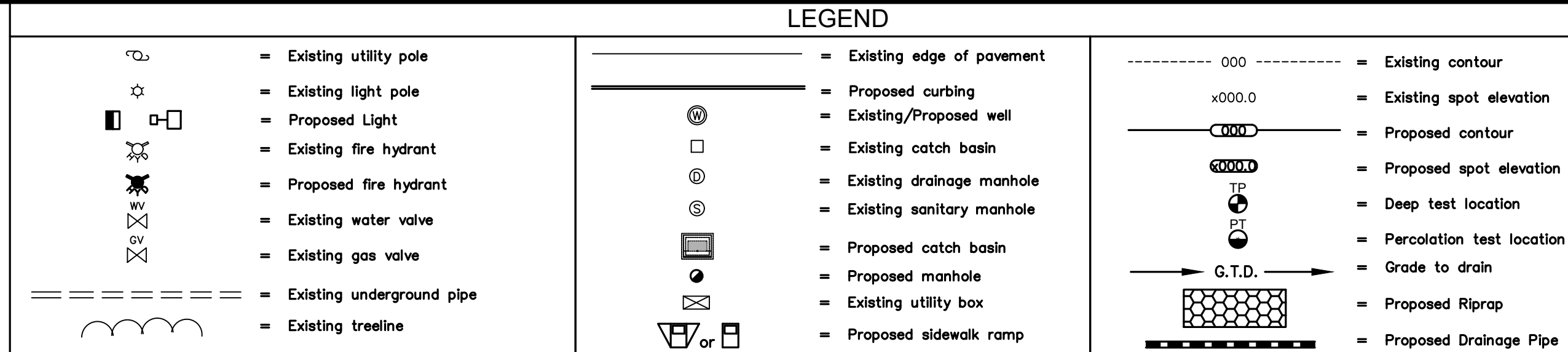


SCHEMATIC SECTION
N.T.S.

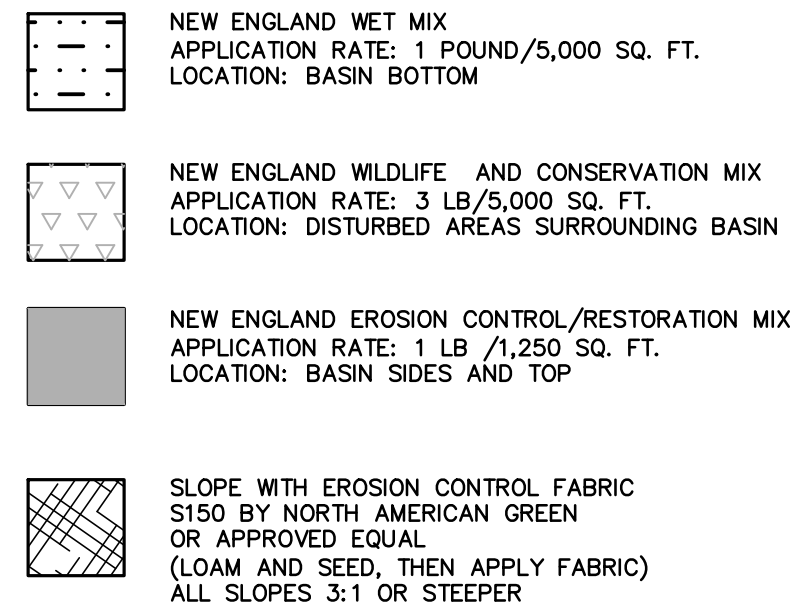
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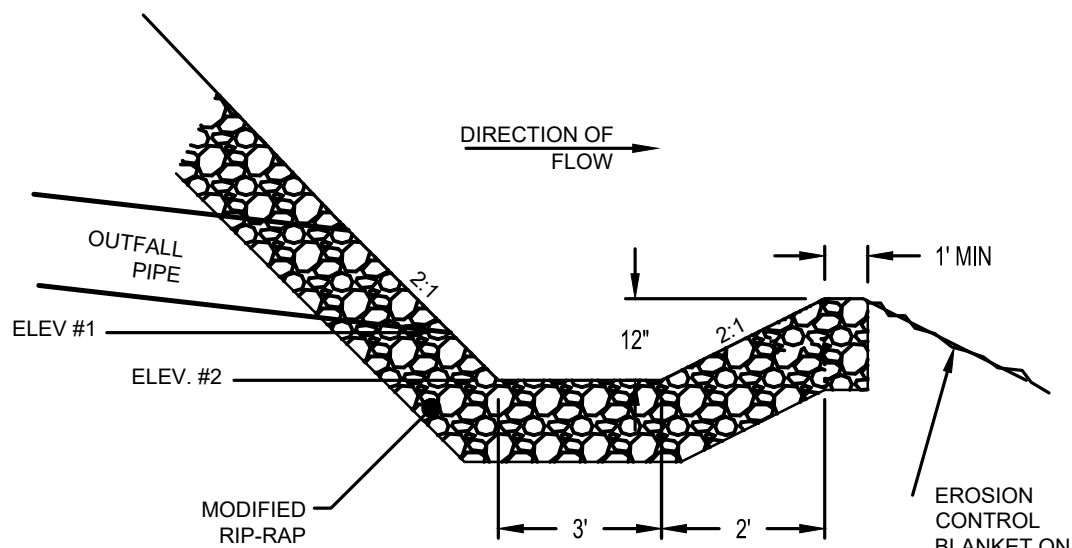
DETENTION BASIN EMBANKMENT DETAIL
N.T.S.



SEED MIX & FABRIC LEGEND

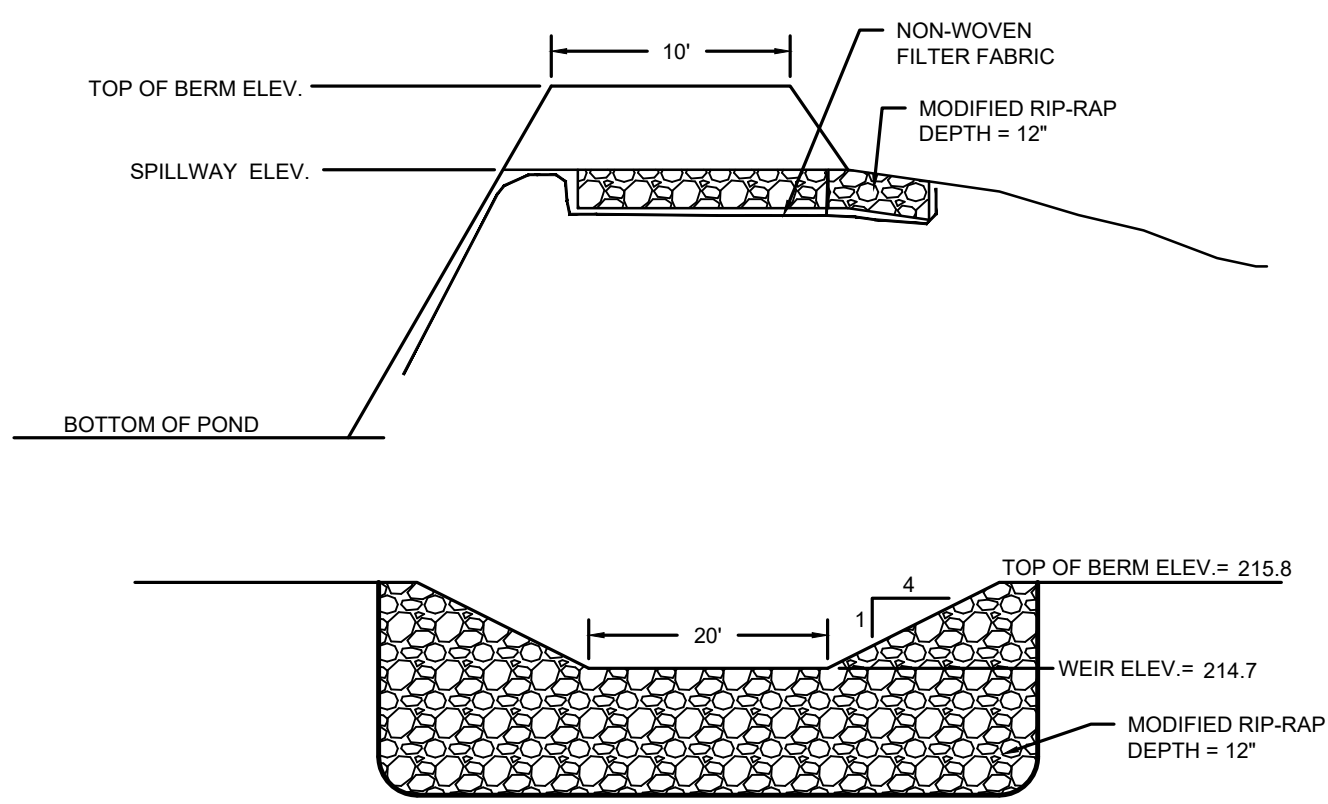


EROSION CONTROL SYMBOL LEGEND

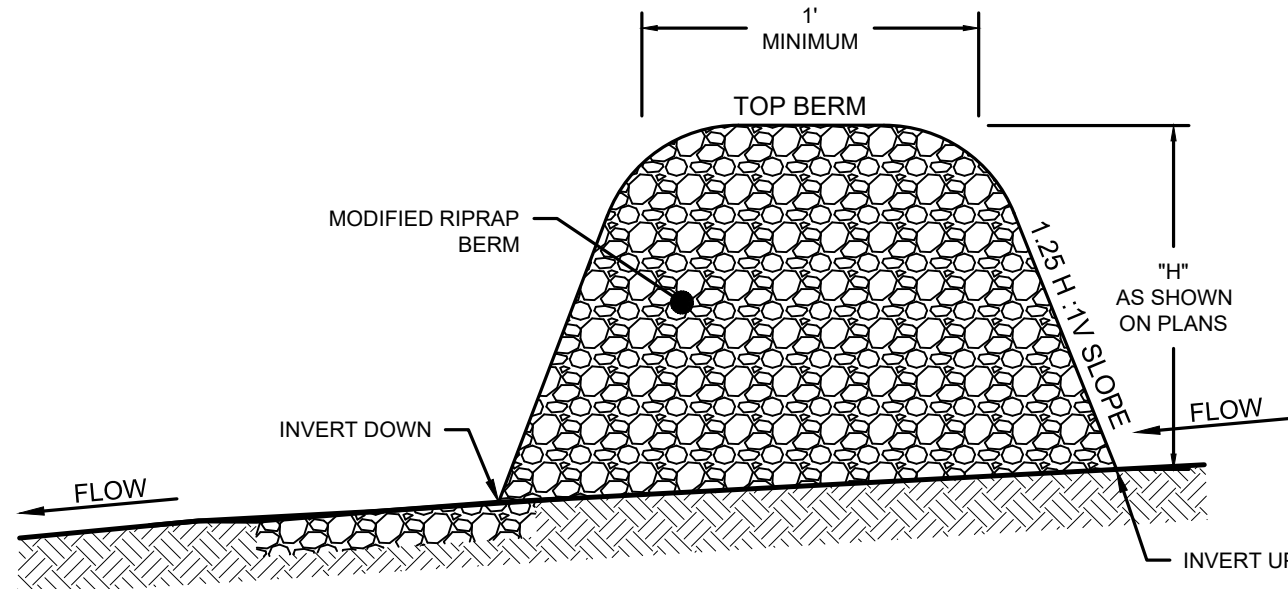


ELEV. #1	ELEV. #2	LENGTH
138.0	137.5	58'±

LEVEL SPREADER
N.T.S.



MODIFIED RIP-RAP SPILLWAY DETAIL
N.T.S.

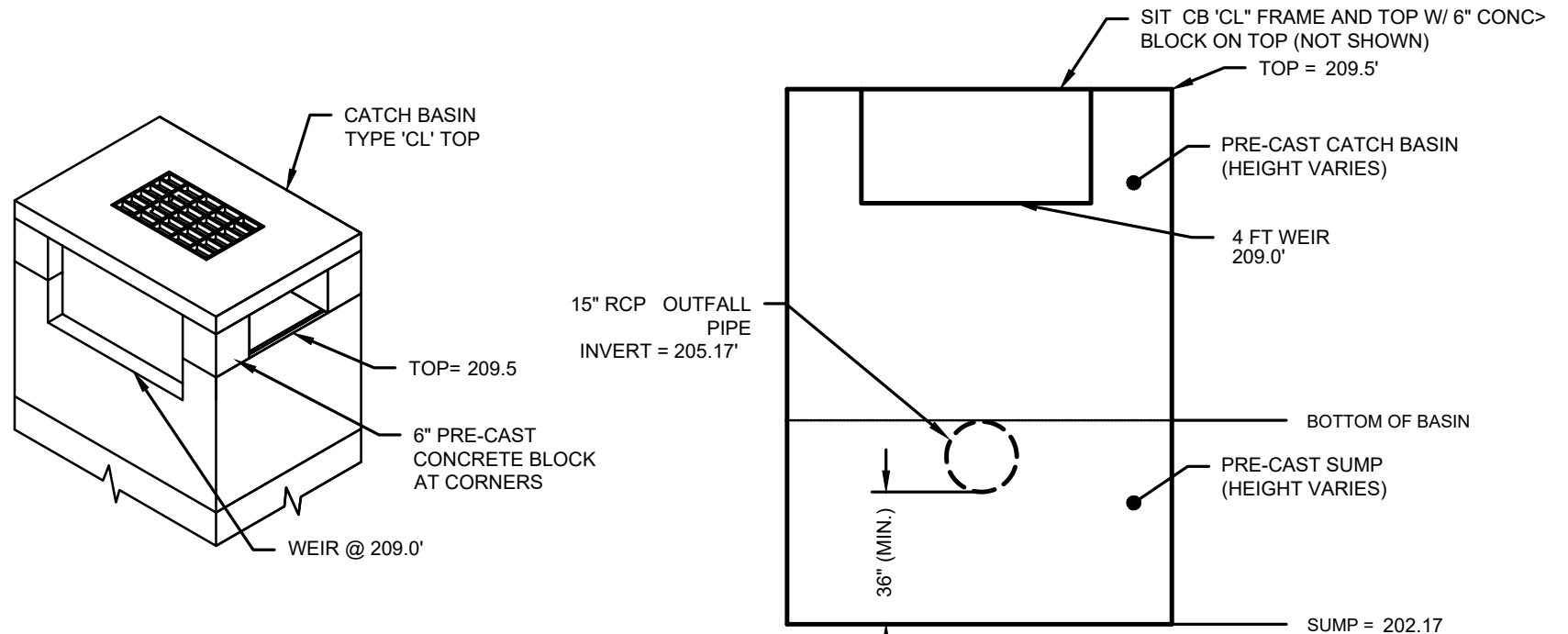
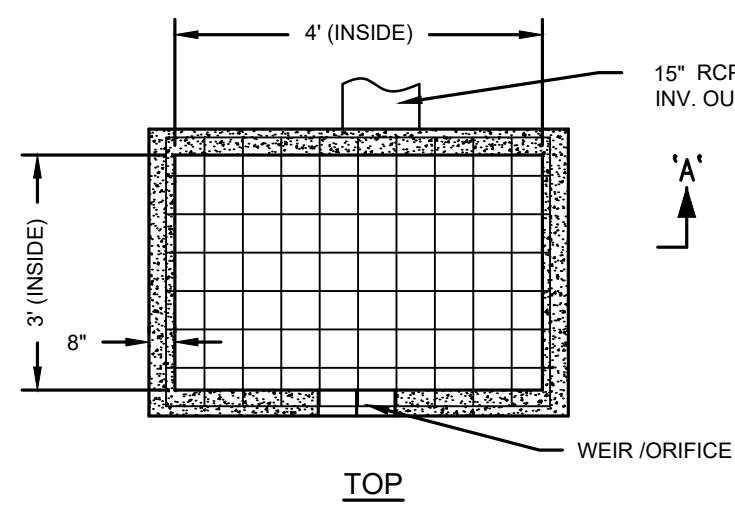


RIPRAP BERM
N.T.S.

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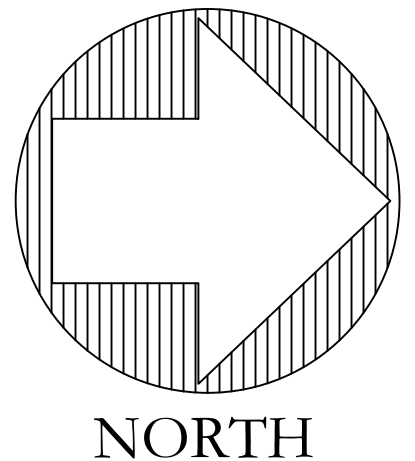


OUTLET CONTROL STRUCTURE DETAIL
N.T.S.



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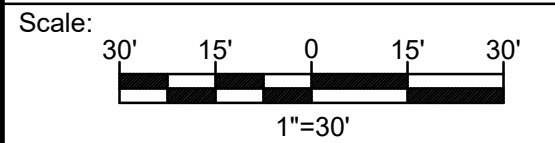
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AT SHUTTLE
MEADOW**
off West Lane
Kensington, Connecticut

PREPARED FOR:
**THE PRESERVE
SM, LLC**

Sheet Description:

DB4 - DETENTION
BASIN 4



Date: August 24, 2021

Project #: 1713A

F.B. #: xxx

Drawn By: BNB

Approved By: BNB

Revisions:

Date:	Descriptions:
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Sheet #:

DB4