PUBLIC NOTICE

US Army Corps
of Engineers
New York District
Jacob K. Javits Federal Building
New York, N.Y. 10278-0090
ATTN: Regulatory Branch

In replying refer to:
Public Notice Number: NAN-2014-00341-EHA
Issue Date: October 13, 2015
Expiration Date: November 12, 2015

To Whom It May Concern:

The New York District, Corps of Engineers has received an application for a Department of the Army permit pursuant to Section 404 of the Clean Water Act (33 U.S.C. 1344).

APPLICANT: Blueberry Land Developers
33 Murray Hill Drive
Nanuet, New York 10954

ACTIVITY: Place fill in wetlands and waters of the U.S. to expand an existing stormwater detention pond and relocate an existing stream.

WATERWAY: Unnamed tributary to Pascack Brook and Hackensack River, Lower Hudson Watershed

LOCATION: Town of Ramapo, Rockland County, New York.

A detailed description and plans of the applicant's activity are enclosed to assist in your review.

The decision whether to issue a permit will be based on an evaluation of the probable impact including cumulative impacts of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which reasonably may be expected to accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered including the cumulative effects thereof; among those are conservation, economics, aesthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, flood hazards, floodplain values, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food and fiber production, mineral needs, considerations of property ownership and, in general, the needs and welfare of the people.

The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

ALL COMMENTS REGARDING THE PERMIT APPLICATION MUST BE PREPARED IN WRITING AND MAILED TO REACH THIS OFFICE BEFORE THE EXPIRATION DATE OF THIS NOTICE, otherwise, it will be presumed that there are no objections to the activity. Comments provided will become a part of the public record for this action. Comments submitted in response to this notice will be fully considered during the public interest review for this permit application. All written comments, including names and addresses, will be made a part of the administrative record, available to the public under the Freedom of Information Act. The Administrative Record, or portions thereof, may also be posted on a Corps of Engineers internet web site. Due to resource limitations, this office will normally not acknowledge the receipt of comments or respond to individual letters of comment.

Any person may request, in writing, before this public notice expires, that a public hearing be held to collect information necessary to consider this application. Requests for public hearings shall state, with particularity, the reasons why a public hearing should be held. It should be noted that information submitted by mail is considered just as carefully in the permit decision process and bears the same weight as that furnished at a public hearing.

Our preliminary determination is that the activity for which authorization is sought herein is not likely to affect Indian bats or Northern long-eared bats or their critical habitat due to the proposed no tree cutting window from April 1 to September 30 of any calendar year. The no tree cutting window would avoid direct impacts to bats by avoiding disturbance to potential bat habitat. Possible indirect impacts could occur due to the proposed removal of 9 existing trees. However, 75 replacement trees would be planted. Pursuant to Section 7 of the Endangered Species Act (16 U.S.C. 1531), the District Engineer is consulting with the appropriate Federal agency to determine the presence of and potential impacts to listed species in the project area or their critical habitat.

Based upon a review of the latest published version of the National Register of Historic Places, there are no known sites eligible for, or included in, the Register within the permit area. Presently unknown archeological, scientific, prehistorical, or historical data may be lost by work accomplished under the required permit.

Reviews of activities pursuant to Section 404 of the Clean Water Act will include application of the guidelines promulgated by the Administrator, U.S. Environmental Protection Agency, under authority of Section 404 (b) of the Clean Water Act and the applicant will obtain a water quality certificate or waiver from the appropriate state agency in accordance with Section 401 of the Clean Water Act prior to a permit decision.

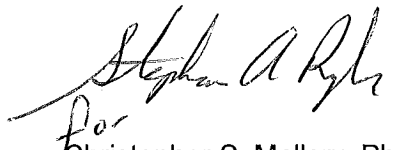
In addition to any required water quality certificate and coastal zone management program concurrence, the applicant has obtained or requested the following governmental authorization for the activity under consideration:

- New York State Department of Environmental Conservation

It is requested that you communicate the foregoing information concerning the activity to any persons known by you to be interested and who did not receive a copy of this notice. If you have any questions concerning this application, you may contact this office at (917) 790-8523 and ask for Naomi Handell.

In order for us to better serve you, please complete our Customer Service Survey located at http://www.nan.usace.army.mil/Missions/Regulatory/CustomerSurvey.aspx.

For more information on New York District Corps of Engineers programs, visit our website at http://www.nan.usace.army.mil.



for
Christopher S. Mallery, Ph.D.
Acting Chief, Regulatory Branch

Enclosures

WORK DESCRIPTION

The applicant, Blueberry Land Developers, has requested Department of the Army authorization for the placement of fill in wetlands and waters of the U.S. to expand an existing stormwater detention pond and relocate an existing stream in an unnamed tributary to Pascack Brook and Hackensack River, Town of Ramapo, Rockland County, New York.

The work would involve:

Replace an existing, collapsing 60" diameter culvert from Kearsing Parkway to the stormwater detention pond with a 72 inch diameter culvert (see Sheet 4 of 24).

Place 322 cubic yards of clean upland soil to fill in an existing 742 linear foot stream (2,546 square foot).

Convert 9,209 square feet of existing scrub/shrub wetlands and 4,344 square feet of forested wetlands to open water to expand the existing stormwater detention pond from 0.59 acres to 0.61 acres (See Sheet 4 of 24).

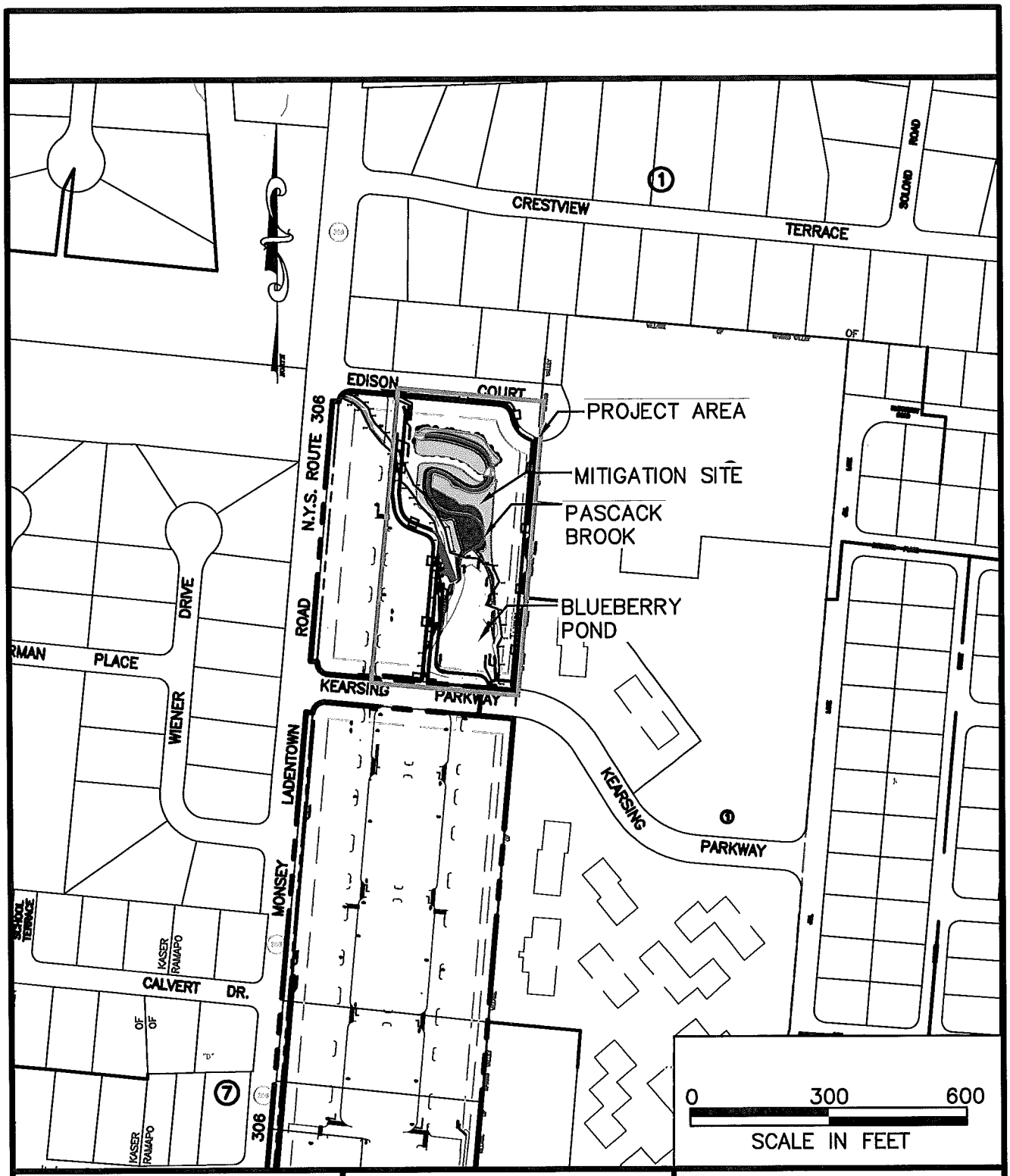
Place 14.41 cubic yards of crushed stone in existing wetlands to construct an 1,180 square foot access drive to maintain the pond (See Sheet 3 of 24).

The applicant has stated that they have avoided, minimized and mitigated for impacts proposed to the maximum extent practicable by proposing the following compensatory mitigation:

As compensatory mitigation for the loss of the existing stream, the applicant would construct a new 1,049 linear foot meandering stream to replace the existing stream. To connect the constructed stream to the existing off-site stream, construct two culverts with associated rip-rap (See Sheet 20 of 24).

As compensatory mitigation for the fill/conversion of 0.21 acres of existing scrub/shrub wetlands and 0.10 acres of forested wetlands, the applicant would construct 0.44 acres of scrub/shrub wetlands and 0.37 acres of forested wetlands on-site (See Sheets 2-5 of 24).

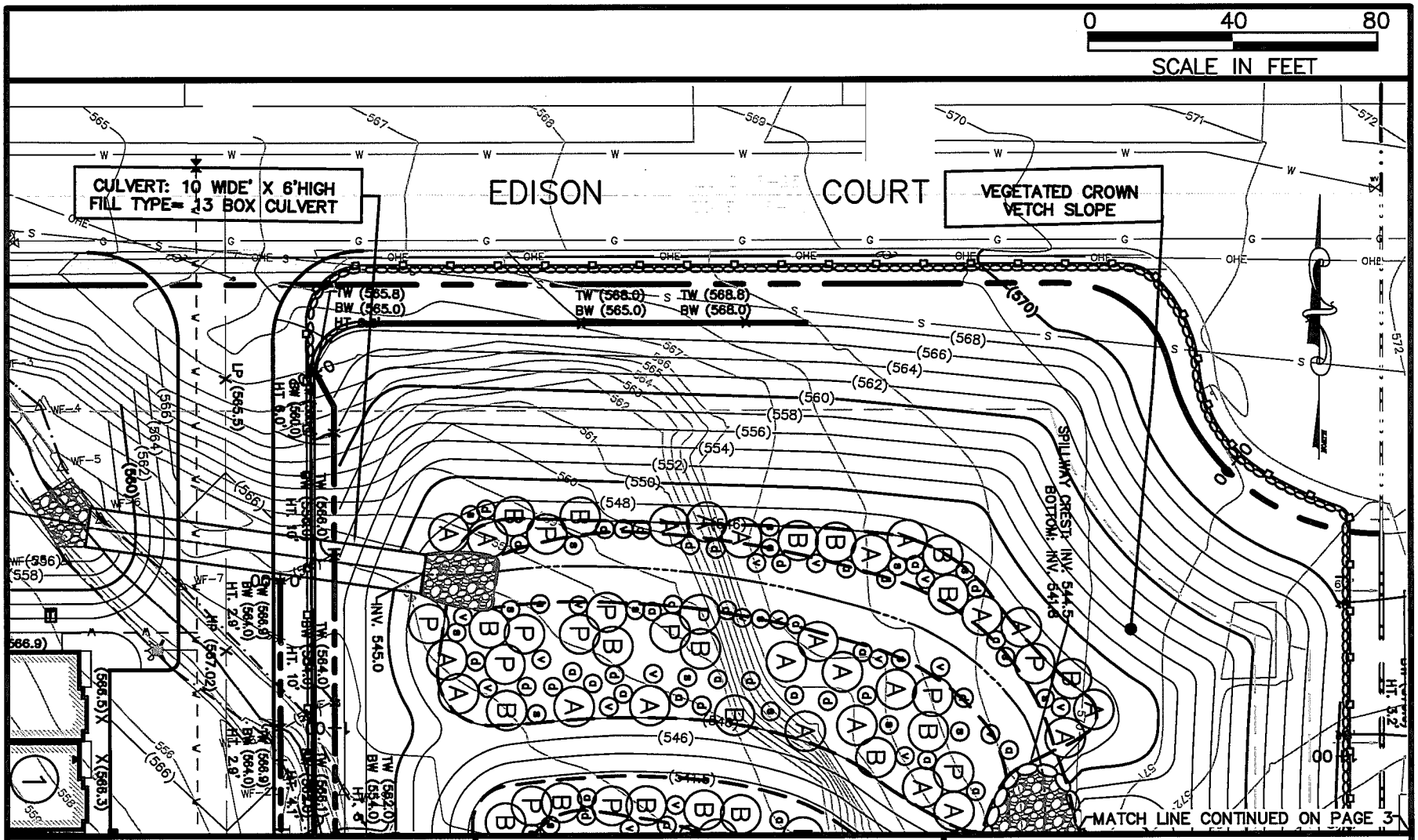
The stated purpose of this project is to increase the capacity of the stormwater detention pond to alleviate flood hazards and contain the 100 year storm event.



FILE# NAN-2014-00341-EHA APPLICANT: BLUEBERRY LAND DEVELOPERS ADJACENT PROPERTY OWNERS: SEE ATTACHED SHEETS	TITLE: VICINITY MAP INTERSECTION: NYS ROUTE 306 AND KEARSING PARKWAY BEING PARCEL NUMBERS: 49.16-1-32, 49.16-1-33, 49.16-1-34, 49.20-2-1,49.20-2-2 LAT/LONG: N 41° 7' 42.2076"/ W74° 3' 58.1578" DATE: 7/28/15 PAGE 1 OF 24	PROPOSED PROJECT: BLUEBERRY COMMONS IN: PASCACK BROOK NEAR/AT: RAMAPO COUNTY: ROCKLAND STATE: NEW YORK

NAN-2014-00341-EHA

P:\PROJECTS\12\12068\DWGSHEETS\Wetland Mitigation\9-30-15\1-C12068-TTL-VICINTY.dwg, Vicinity Map (2), 10/2/2015 10:54:04 AM, sareh, Adobe PDF, Letter, 1:1



1) THE GROSS VOLUME OF FILL IS 8,694 CUBIC FEET. HOWEVER THE GROSS VOLUME OF CUT ID 257,364 CUBIC FEET. THEREFORE THE OVERALL NET CHANGE IS A CUT OF 248,670 CUBIC FEET (257,264–8694).

2) TYPE OF FILL: SOIL

3) SQUARE FOOTAGE OF FILLED AREA FOR THE FILLING OF THE EXISTING STREAM: 2546 SQUARE FEET
FILL VOLUME AT EXISTING STREAM : 322 YD^2

TITLE: SITE PLAN (1 OF 3)

4) DIAMETER OF THE NEW CULVERT FROM KEARSING PARKWAY TO THE POND: 72 DIAMETER

5) TYPE OF WETLAND TO BE FILLED: SCRUB /SHRUB WETLANDS (IS LOCATED IN A CUT AND NOT A FILL).

FILE# NAN–2014–00341–EHA

APPLICANT: BLUEBERRY LAND DEVELOPERS

PROPOSED PROJECT: BLUEBERRY COMMONS

LOCATION: NYS ROUTE 306 AND KEARSING PARKWAY

SHEET: 2 OF 24

DATE: 7/28/15
REVISED DATE: 9/30/5

NAN-2014-00341-EHA

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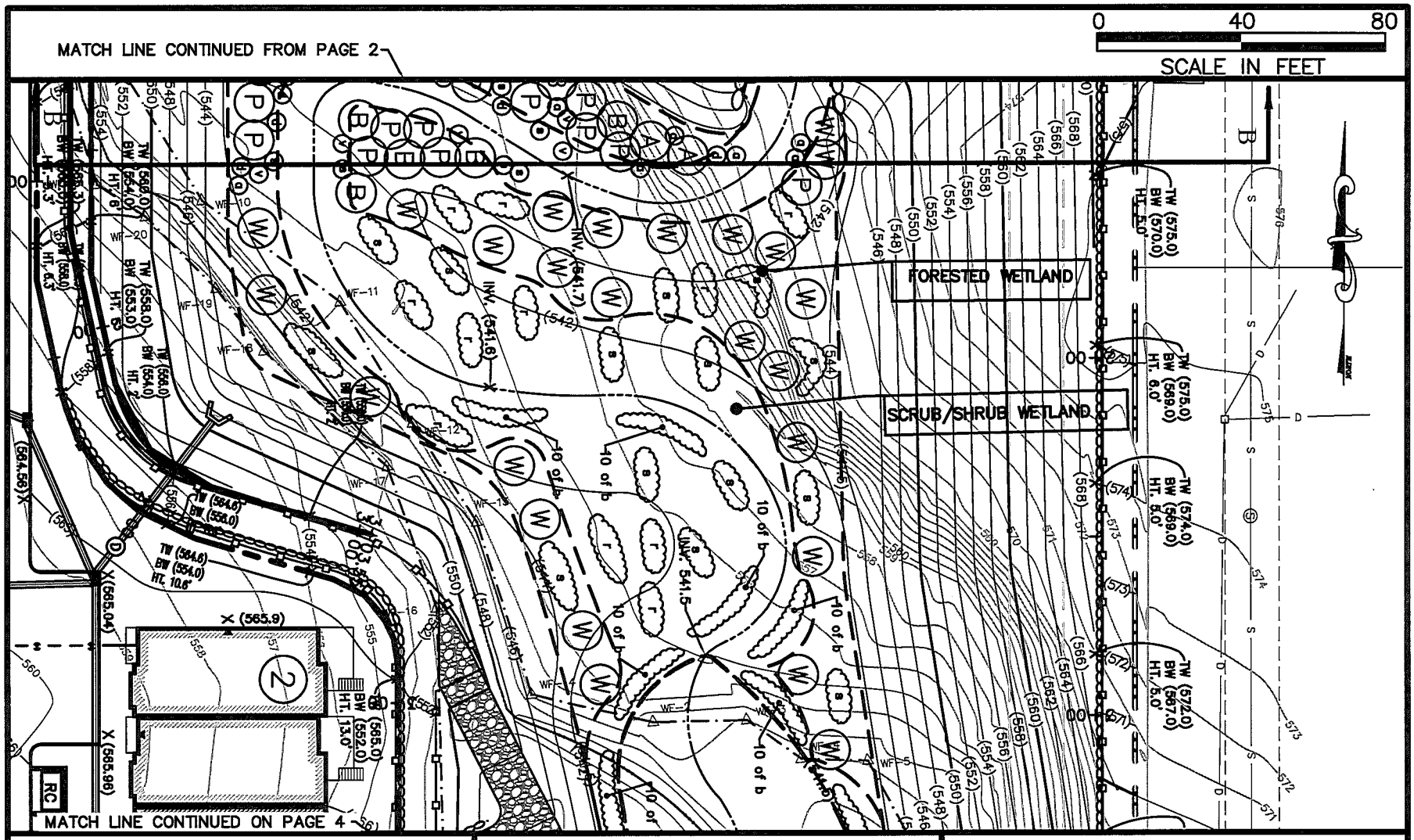

1) SQUARE FOOTAGE AND TYPE OF WETLANDS TO BE FILLED TO CHANGE THE SHAPE OF THE POND: 9209 SQ. FT. SCRUB/SHRUB WETLAND, 4344 SQ. FT. FORESTED WETLAND.
2) SIZE AND AMOUNT OF FILL FOR THE PROPOSED ACCESS ROADWAY TO THE POND: ACCESS DRIVE IS LOCATED IN A CUT AND NOT A FILL. THE AREA WILL INITIALLY BE CUT AND THEN SUBSEQUENTLY CRUSHED STONE WILL BE PLACED.

TITLE: SITE PLAN (2 OF 3)

A) AREA OF ACCESS DRIVE: 1180 SQ FT.
B) ACCESS DRIVE EARTHWORK: (CUTS CAN BE REPRESENTED WITH NEGATIVE NUMERIC VALUES), SIZE (OF CUT): VARIES BETWEEN 6 FEET AND 2 FEET,
GROSS AMOUNT (OF CUT): 5149 CUBIC FEET
NET AMOUNT OF CRUSHED STONE: 389 CUBIC FEET
NET AMOUNT(OF CUT): 4760 CUBIC FEET

FILE# NAN-2014-00341-EHA
APPLICANT: BLUEBERRY LAND DEVELOPERS
PROPOSED PROJECT: BLUEBERRY COMMONS
LOCATION: NYS ROUTE 306 AND KEARSING PARKWAY
SHEET: 3 OF 24 DATE: 7/28/15
REVISED DATE: 9/30/15

NAN-2014-00341-EHA

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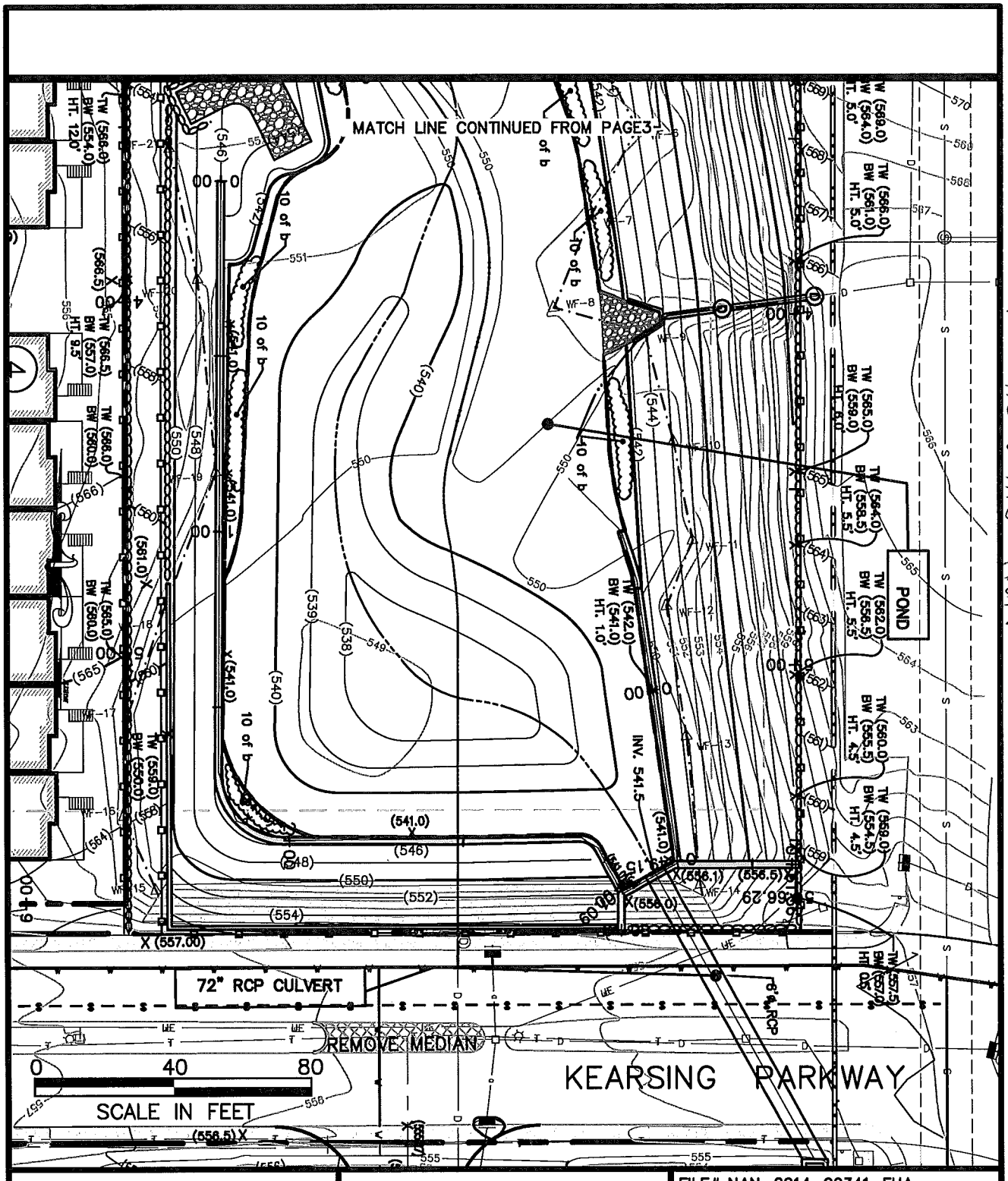


NAN-2014-00341-EHA

1) QUANTITY OF MATERIAL TO BE REMOVED AND PLACEMENT LOCATION: THE OVERALL NET CHARGED IS A CUT OF 248,670 CUBIC FEET AND THIS SOIL WILL BE PLACED ON SITE AT UPLAND NON-JURISDICTIONAL LOCATIONS AS PART OF AN OVERALL BALANCED EARTHWORK DESIGN.

TITLE: SITE PLAN (3 OF 3)

2) CHANGED IN DEPTH FROM OLD TO NEW POND: 1 FOOT OLD, 3.5 FEET NEW, 2.5 FEET CHANGE

FILE# NAN-2014-00341-EHA
APPLICANT: BLUEBERRY LAND DEVELOPERS

PROPOSED PROJECT: BLUEBERRY COMMONS
LOCATION: NYS ROUTE 306 AND KEARSING PARKWAY
SHEET: 4 OF 24 DATE: 7/28/15
REVISED DATE: 9/30/15

WETLANDS SEQUENCE OF CONSTRUCTION

1. Wetland areas to be created or enhanced to be flagged in the field by a representative of the design consultant before construction begins.

2. Clear site of existing tree and shrub vegetation. Install sediment control measures along the downhill limits of all construction.

3. Strip and stockpile existing top 6" to 9" of topsoil. Stockpiles to be on upland areas as directed.

4. Excavate areas to be created or enhanced to an elevation approximately 6" below the level of the adjoining wetlands areas, or a shown on the grading plan. Meet the upland portion of the new wetland areas with the existing upland areas with a one on three slope.

5. Spread the stockpiled topsoil on all newly graded areas to a depth of 6".

6. Seed all open areas with perennial rye as a nurse grass at the rate of 15 lbs per acre with the listed seed mixes in both areas of mitigation..

(Note – all shrub and tree planting shall take place in early spring, after the threat of frost is gone.)

7. **SCRUB SHRUB PLANTING** - Plant the shrub and understory seeding along the scrub areas to be created as shown on the plan.

Plant the following shrubs in groups of 6 at approximate spacing of 40 feet. Shrubs to be 2 1/2'-3' in height, BR. Furnish and plant each species in irregular rows as directed along the edges of the wetland areas. Plant a total of 270 shrubs.

PLANT	QUANTITY	SYMBOL
Cephalanthus occidentalis – Buttonbush	50	b
Lindera benzoin – Spicebush	120	s
Cornus sericea –Redosier Dogwood	120	r
Salix nigra – Black Willow	25	W

Seed all scrub areas to be created with the following seed mix: Ernmx – 131 – OBL Wetlaand Mix from Ernst Seeds – www.ernstseed.com. At the rate of 15 lbs per acre. (1/3 lb per 1000 sq ft.)

8. **FOREST AREA PLANTING** - The placement of the following tree species which are to be 1 ½" – 2" caliper, B&B: Trees to be planted along the edges of the created wetlands within the native shrub planting on the side slopes of the created wetlands in two staggered irregular rows as directed. Plant 25 of each species as directed. Shrubs to be 2 ½-3' ht., B&B. Plant in groups of 5 at spacing of 5-6 feet.

TREE	QUANTITY	SYMBOL
Acer rubrum - Red Maple	25	A
Betula nigra - River Birch	25	B
Quercus palustris – Pin Oak	25	P

SHRUBS	QUANTITY	SYMBOL
Vaccinium corymbosum – Highbush Blueberry	50	v
Lindera benzoin – Spicebush	50	s
Cornus amoemum – Silky Dogwood	50	d
Viburnum dentatum - Arrowwood Viburnum	120	a

Seed all forest area planting areas with Ernmx – 138 –Wildlife food and shelter shrub mix .mixed with Native upland and wildlife forage and cover meadow MIX – Ernst -123, at the rate of 7 lbs of each per acre.

9. All shrub and tree planting shall be mulched with shredded bark mulch to a depth of 3 inches for each .

10. This creation and enhancement work should take approximately two months to completion and will begin as soon as the project is approved and the land in question is dry enough for the necessary construction equipment.

12. The mitigation areas will be monitored on a regular basis by the design professionals. All bare areas will be reseeded until a vegetative cover is established, and the shrub and tree planting shall have a five year guarantee. After this vegetative cover is established, remove the silt fences and seed any disturbed areas.

WETLAND MITIGATION LEGEND

	Existing Area (Acre)	Proposed Area (Acre)	Provided Mitigation Ratio	Hatch
Pond	0.59	0.61	1.0 to 1	
Scrub/Shrub Wetlands	0.21	0.44	2.1 to 1	
Forested Wetlands	0.10	0.37	3.7 to 1	
Vegetated Slope	–	–	–	

STREAM MITIGATION LEGEND

	Existing Stream	Proposed Stream	Provided Mitigation Ratio
Stream Length (feet)	742	1,049	1.4 to 1

WETLAND PLANTING LEGEND

SYMBOL	BOTANICAL NAME	COMMON NAME
A	Acer rubrum	RED MAPLE
B	Betula nigra	RIVER BIRCH
P	Quercus palustris	PIN OAK
W	Salix nigra	BLACK WILLOW
a	Viburnum dentatum	ARROWWOOD VIBURNUM
d	Cornus amoemum	SILKY DOGWOOD
s	Lindera benzoin	SPICEBUSH
v	Vaccinium corymbosum	HIGHBUSH BLUEBERRY
b	Cephalanthus occidentalis	BUTTONBUSH
s	Lindera benzoin	SPICEBUSH
r	Cornus sericea	REDOSIER DOGWOOD

WETLAND PLANT LIST

FILE# NAN–2014–00341–EHA

APPLICANT: BLUEBERRY LAND DEVELOPERS

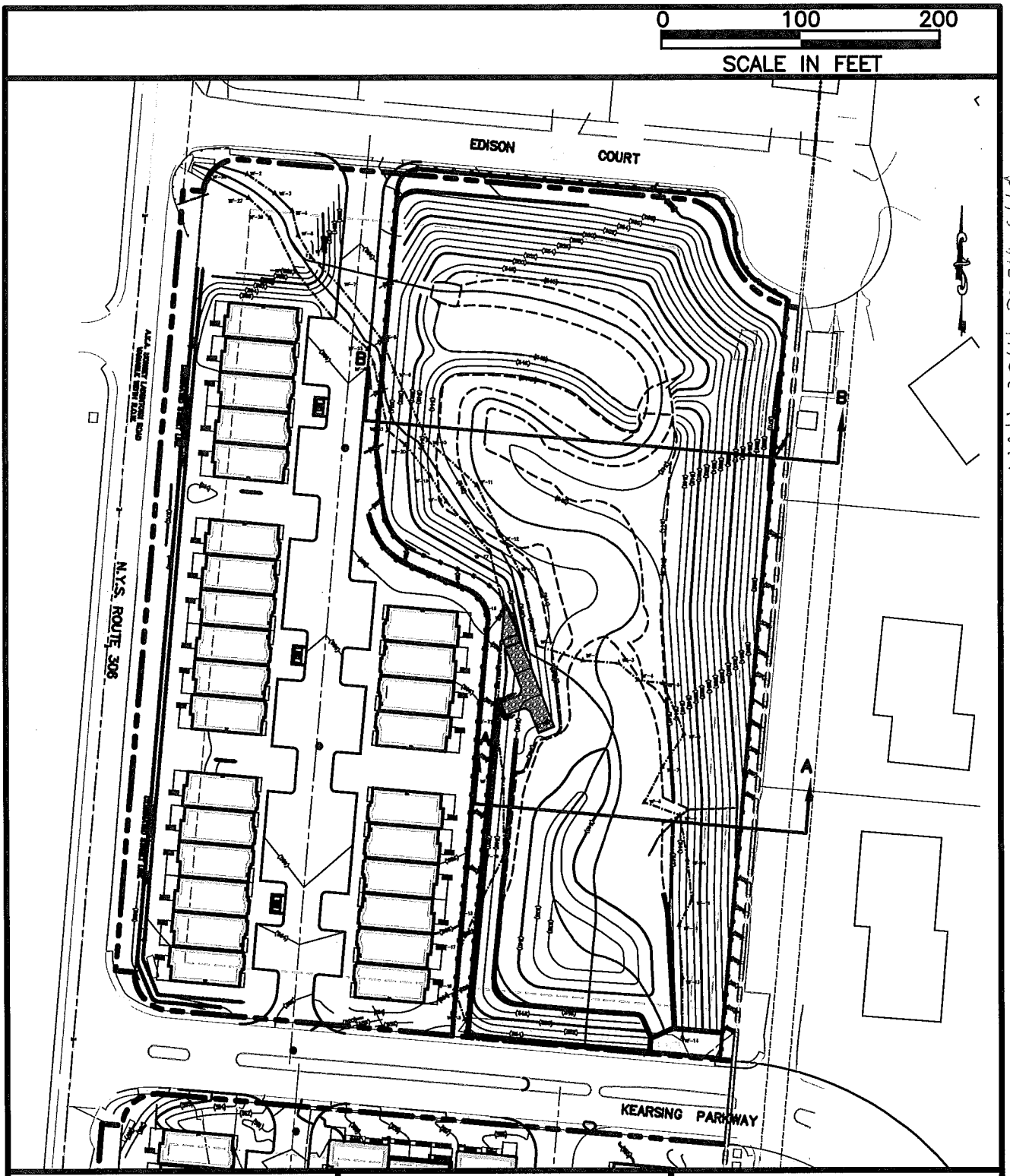
PROPOSED PROJECT: BLUEBERRY COMMONS

LOCATION: NYS ROUTE 306 AND KEARSING PARKWAY

SHEET: 5 OF 24 DATE: 7/28/15

REVISED DATE: 9/30/15

NAN-2014-00341-EHA



NAN-2014-00341-EHA

TITLE:

POND CROSS-SECTION LOCATION MAP

FILE# NAN-2014-00341-EHA
APPLICANT: BLUEBERRY LAND DEVELOPERS

PROPOSED PROJECT: BLUEBERRY COMMONS
LOCATION: NYS ROUTE 306 AND KEARSING PARKWAY
SHEET: 6 OF 24 DATE: 7/28/15

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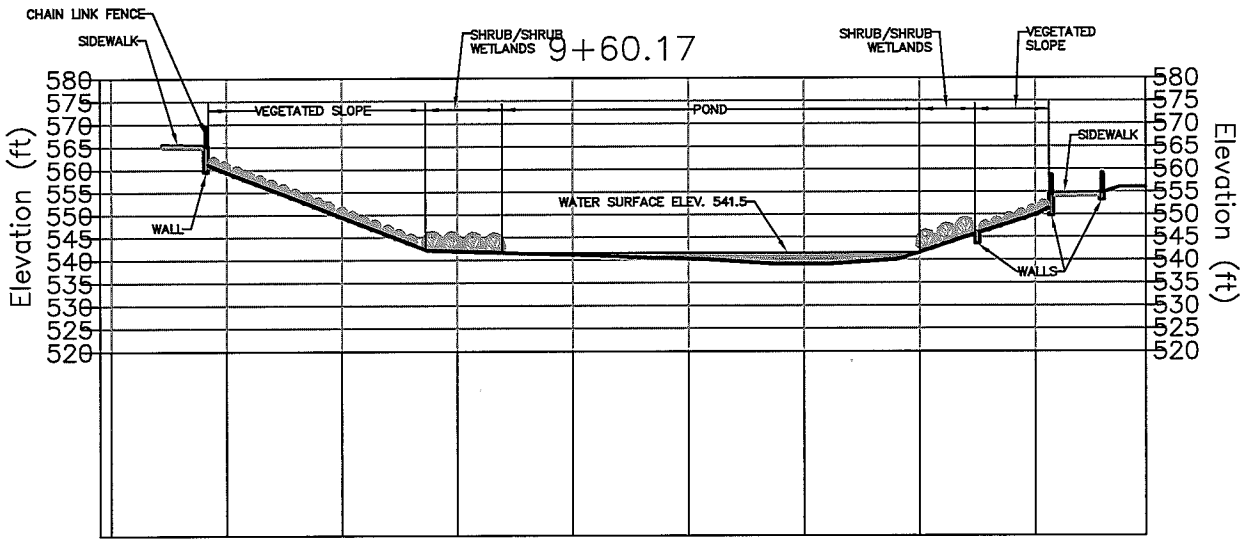

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SCALE IN FEET

TITLE:

POND CROSS SECTION "A–A"

FILE# NAN–2014–00341–EHA

APPLICANT: BLUEBERRY LAND DEVELOPERS

PROPOSED PROJECT: BLUEBERRY COMMONS

LOCATION: NYS ROUTE 306 AND KEARSING PARKWAY

SHEET: 7 OF 24 DATE: 7/28/15

NAN-2014-00341-EHA

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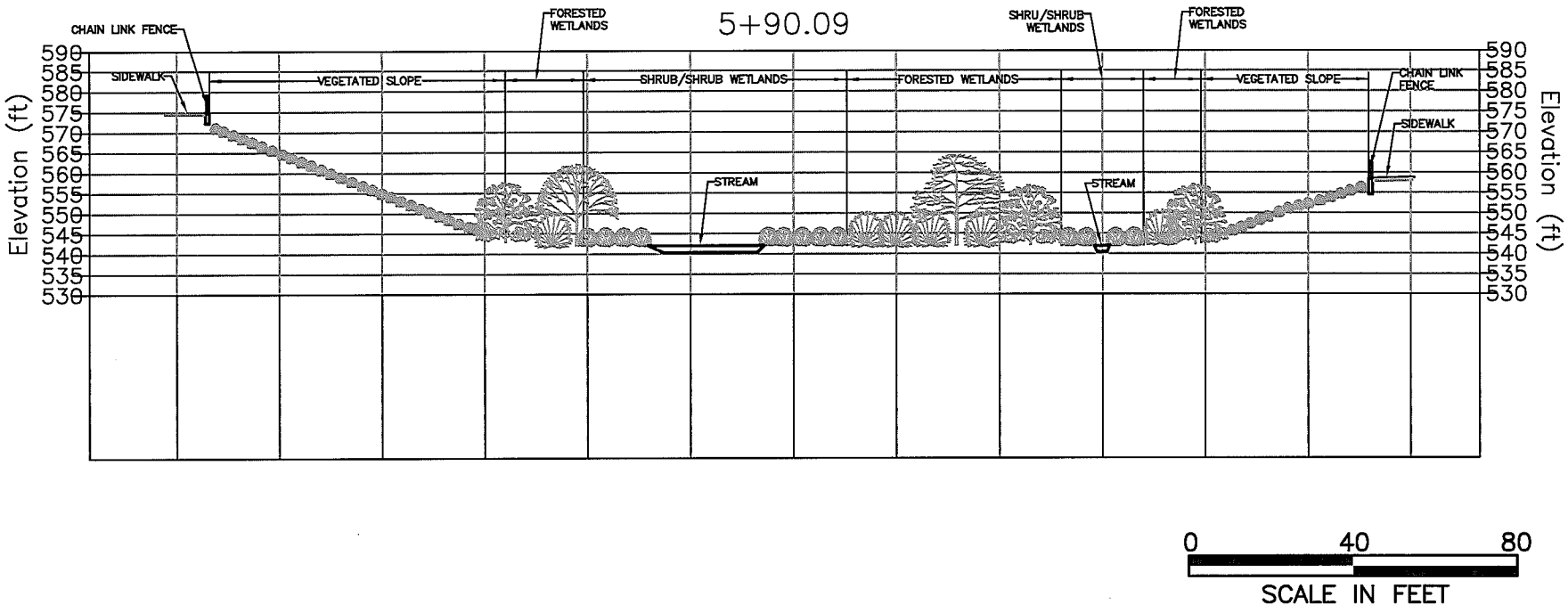

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SCALE IN FEET

TITLE:

WETLAND CROSS SECTION: "B–B"

FILE# NAN–2014–00341–EHA

APPLICANT: BLUEBERRY LAND DEVELOPERS

PROPOSED PROJECT: BLUEBERRY COMMONS

LOCATION: NYS ROUTE 306 AND KEARSING PARKWAY

SHEET: 8 OF 24 DATE: 7/28/15

NAN-2014-00341-EHA

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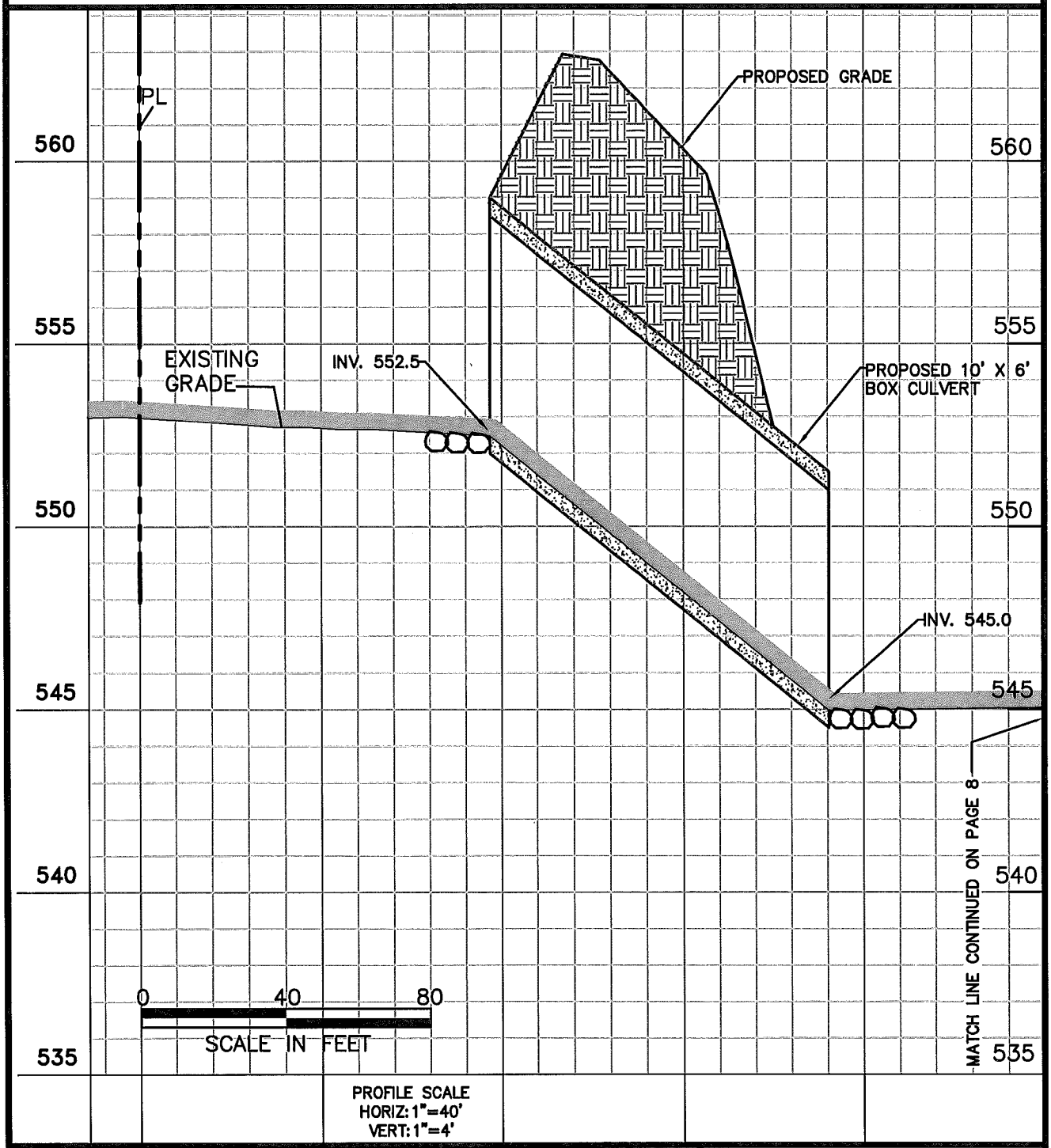

PROFILE SCALE
HORIZ: 1"=40'
VERT: 1"=4'

TITLE:

STREAM PROFILE
(1 OF 4)

FILE# NAN-2014-00341-EHA
APPLICANT: BLUEBERRY LAND DEVELOPERS

PROPOSED PROJECT: BLUEBERRY COMMONS

LOCATION: NYS ROUTE 306 AND KEARSING PARKWAY
SHEET: 9 OF 24 DATE: 7/28/15

NAN-2014-00341-EHA

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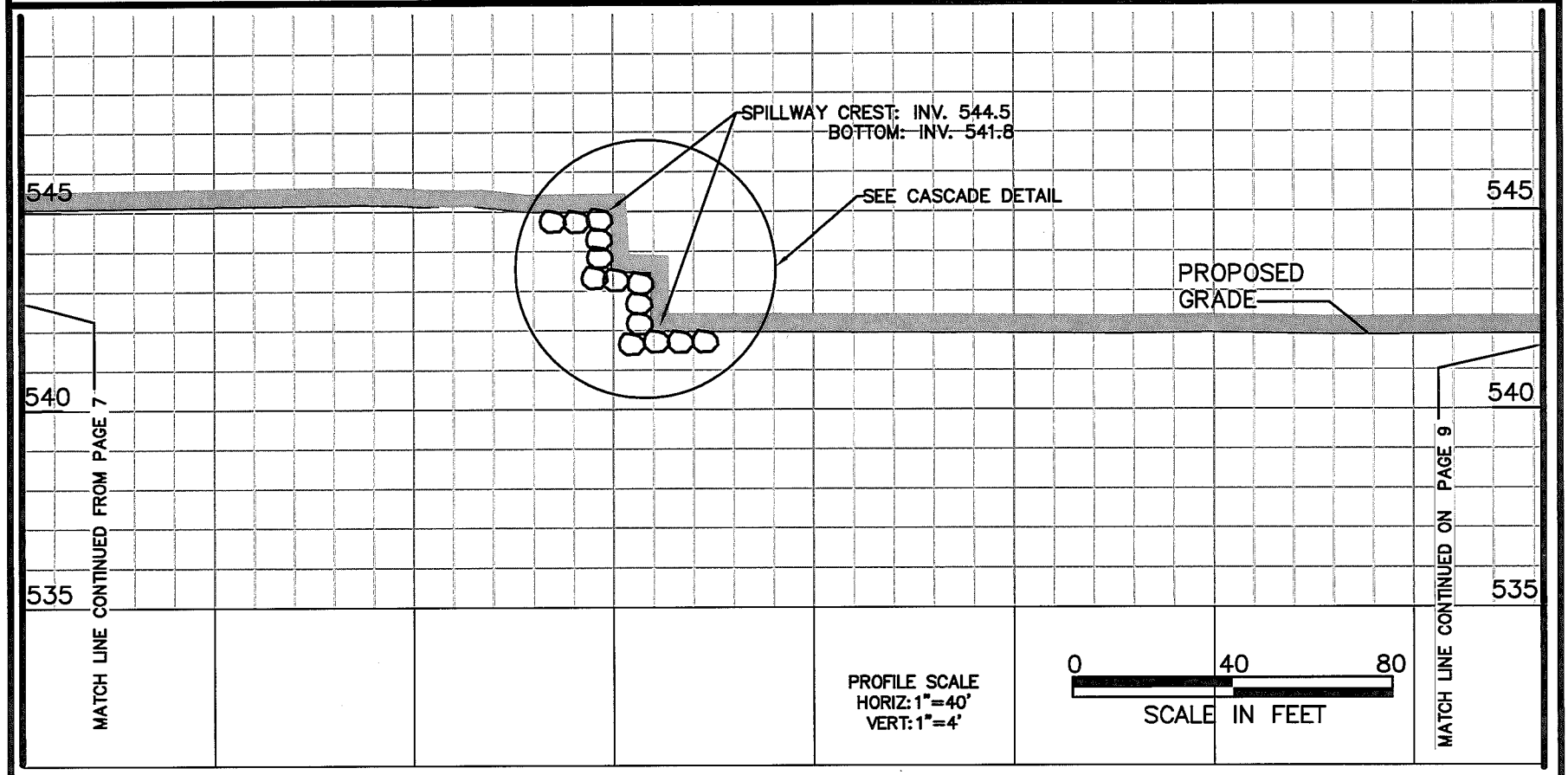

TITLE:

STREAM PROFILE
(2 OF 4)

FILE# NAN-2014-00341-EHA

APPLICANT: BLUEBERRY LAND DEVELOPERS

PROPOSED PROJECT: BLUEBERRY COMMONS

LOCATION: NYS ROUTE 306 AND KEARSING PARKWAY

SHEET: 10 OF 24 DATE: 7/28/15

NAN-2014-00341-EHA

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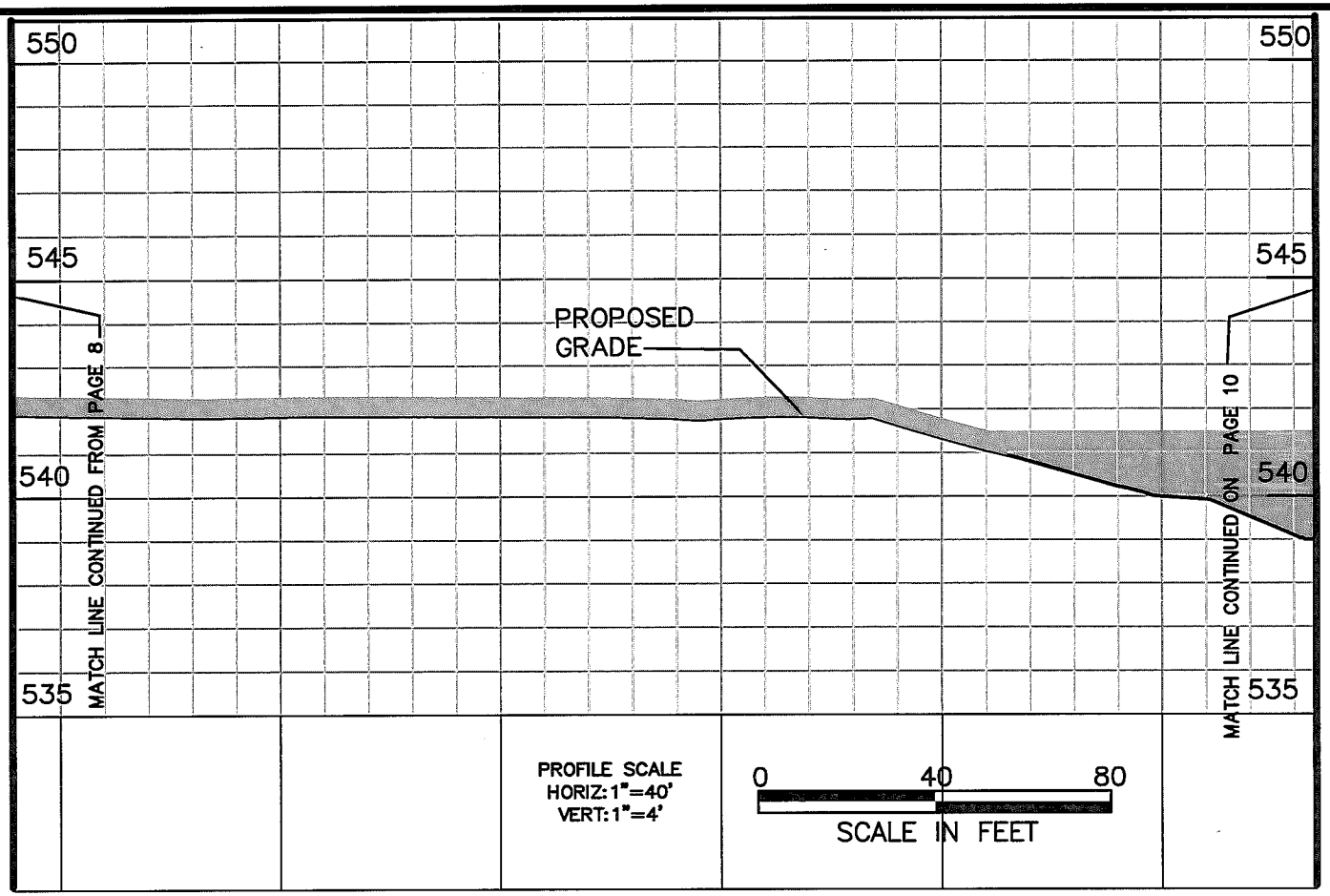

TITLE:

STREAM PROFILE
(3 OF 4)

FILE# NAN-2014-00341-EHA

APPLICANT: BLUEBERRY LAND DEVELOPERS

PROPOSED PROJECT: BLUEBERRY COMMONS

LOCATION: NYS ROUTE 306 AND KEARSING PARKWAY

SHEET: 11 OF 24 DATE: 7/28/15

NAN-2014-00341-EHA

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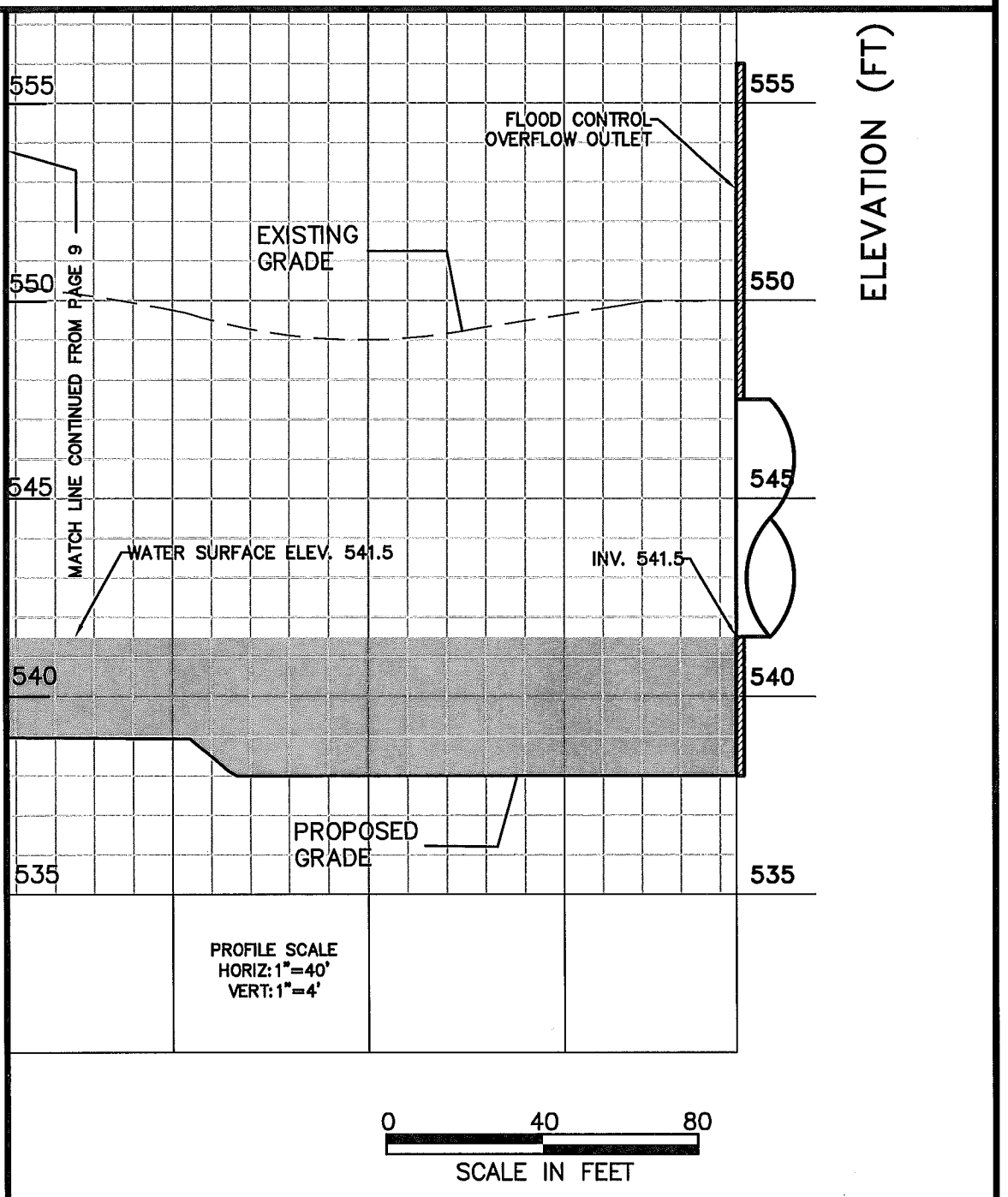
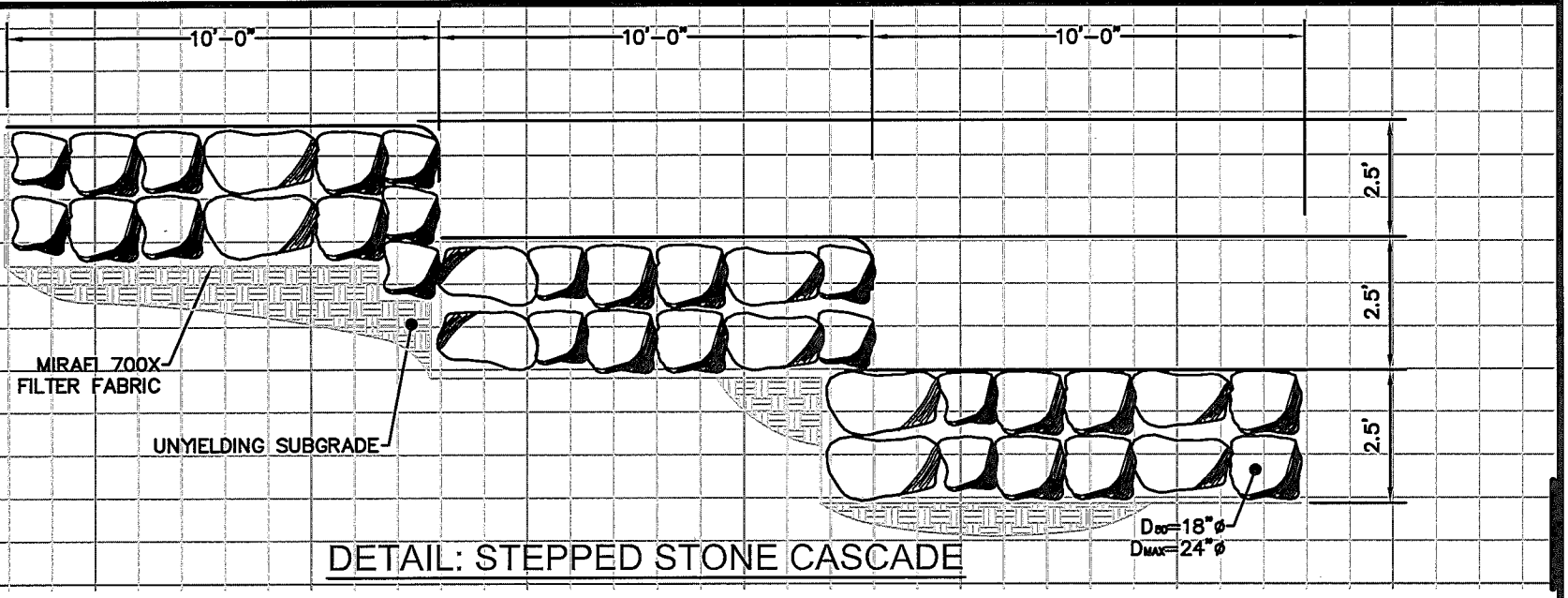


TITLE:

STREAM PROFILE
(4 OF 4)

FILE# NAN-2014-00341-EHA
APPLICANT: BLUEBERRY LAND DEVELOPERS

PROPOSED PROJECT: BLUEBERRY COMMONS
LOCATION: NYS ROUTE 306 AND KEARSING PARKWAY
SHEET: 12 OF 24 DATE: 7/28/15



DETAIL: STEPPED STONE CASCADE

SCALE: 1" = 4'-0"

NOTES: 1. PLACE 3'-0" & 2'-0" BOULDERS AT DROPS.
2 MINIMUM STONE SIZE 1'-0".

TITLE:

STEPPED STONE
CASCADE DETAIL

FILE# NAN-2014-00341-EHA

APPLICANT: BLUEBERRY LAND DEVELOPERS

PROPOSED PROJECT: BLUEBERRY COMMONS

LOCATION: NYS ROUTE 306 AND KEARSING PARKWAY

SHEET: 13 OF 24 DATE: 7/28/15

NAN-2014-00341-EHA

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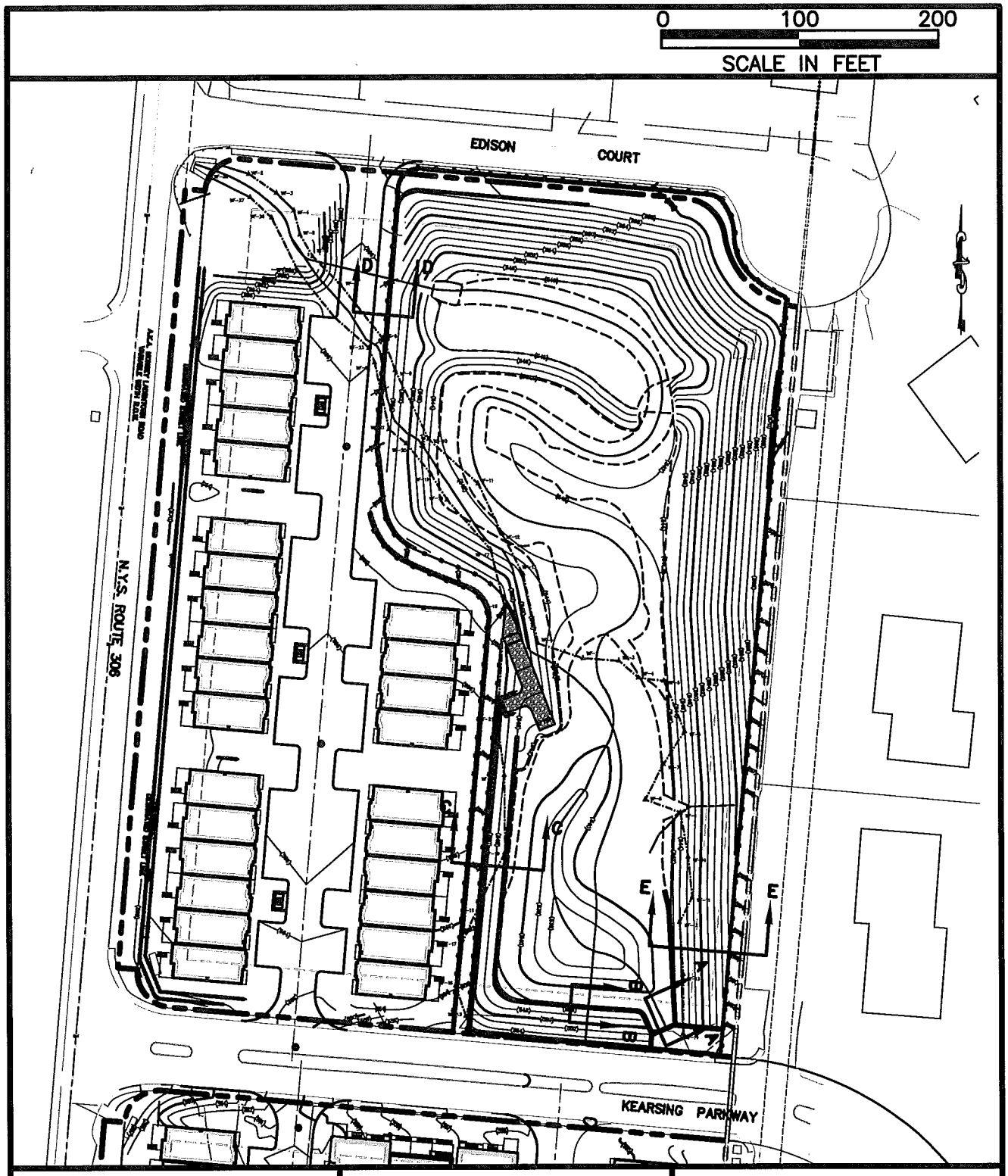

TITLE:

WALL CROSS-SECTION
LOCATION MAP

FILE# NAN-2014-00341-EHA
APPLICANT: BLUEBERRY LAND DEVELOPERS

PROPOSED PROJECT: BLUEBERRY COMMONS
LOCATION: NYS ROUTE 306 AND KEARSING PARKWAY
SHEET: 14 OF 24 DATE: 7/28/15

NAN-2014-00341-EHA

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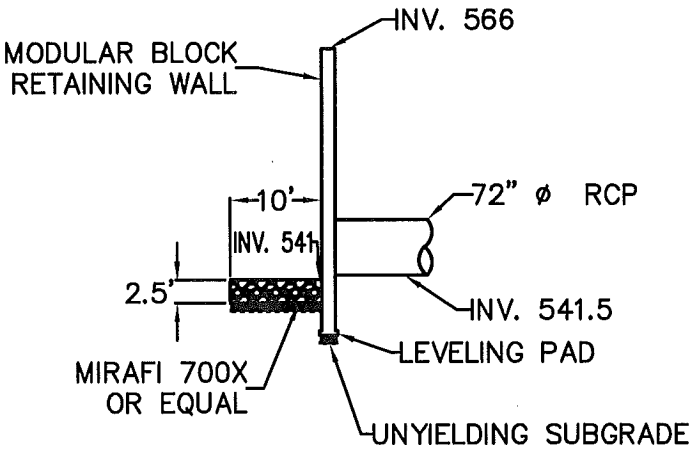
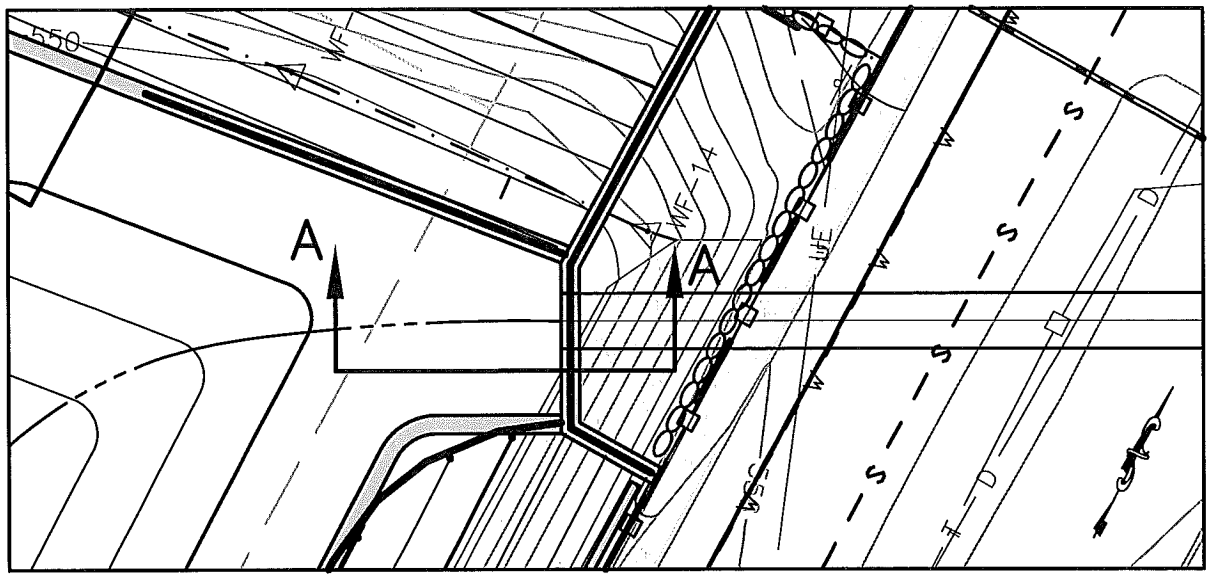


CROSS SECTION A–A
SCALE: 1"=20'



PLAN VIEW: CROSS SECTION A–A
SCALE: 1"=20'

TITLE:

WALL CROSS SECTION
"A–A"

FILE# NAN–2014–00341–EHA
APPLICANT: BLUEBERRY LAND DEVELOPERS

PROPOSED PROJECT: BLUEBERRY COMMONS
LOCATION: NYS ROUTE 306 AND KEARSING PARKWAY
SHEET: 15 OF 24 DATE: 7/28/15

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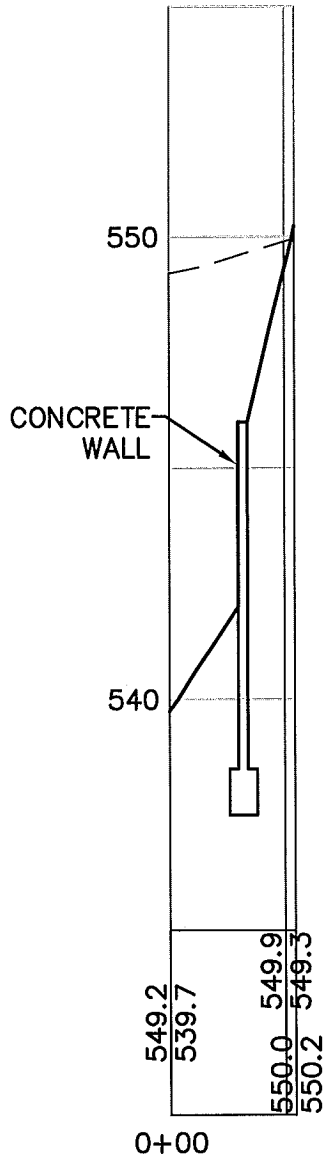
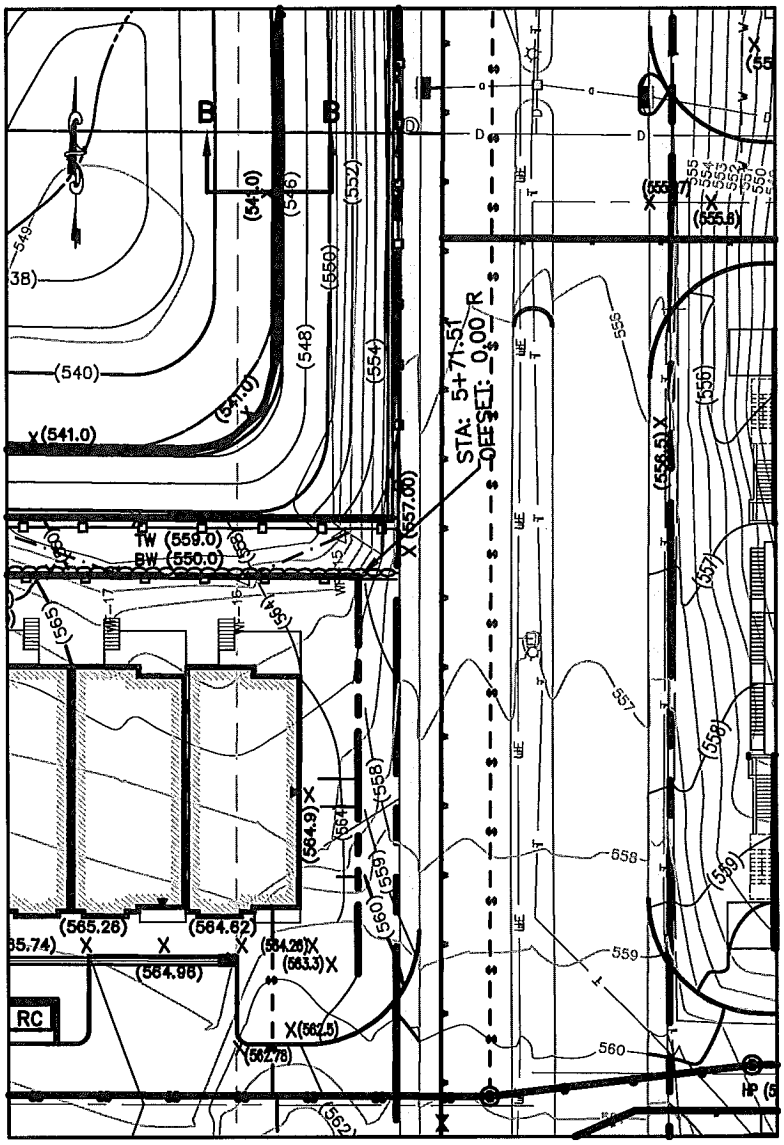
NAN-2014-00341-EHA



CROSS SECTION B–B
SCALE: HORIZ. 1"=40'
VERT. 1"=4'



PLAN VIEW: CROSS SECTION B–B
SCALE: 1"=40'

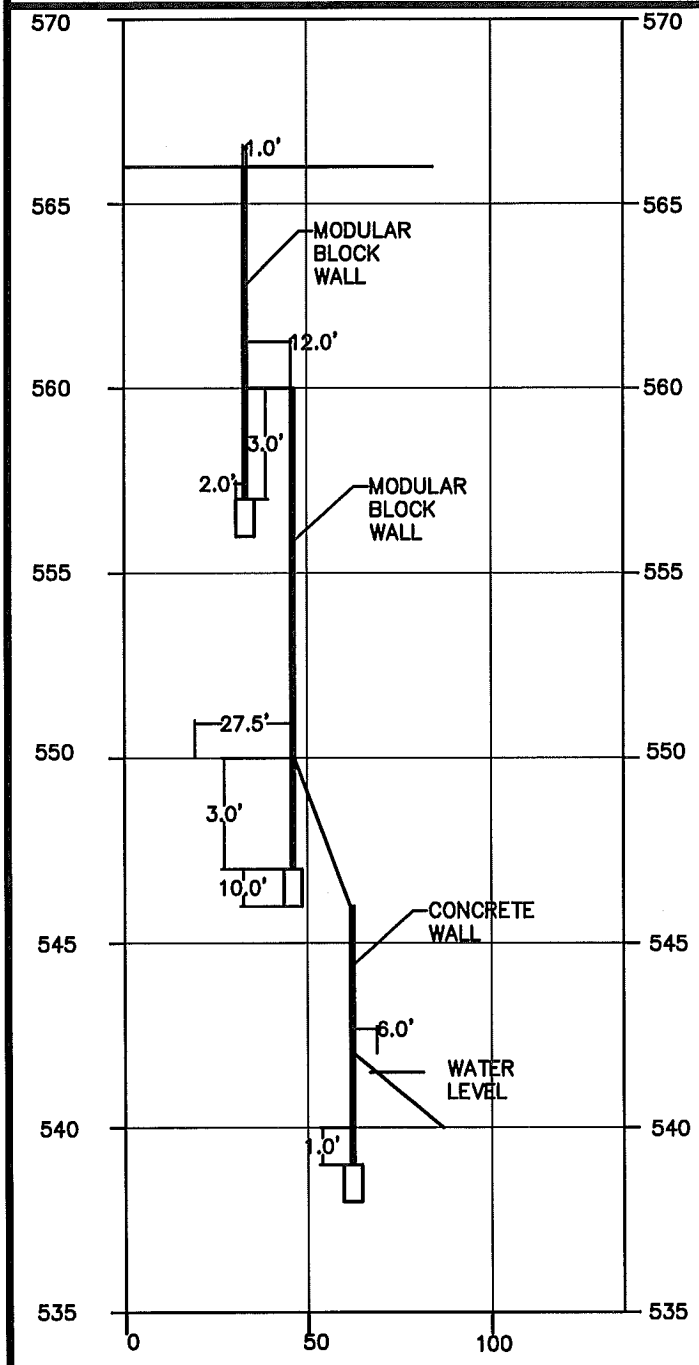
TITLE:

WALL CROSS SECTION
"B–B"

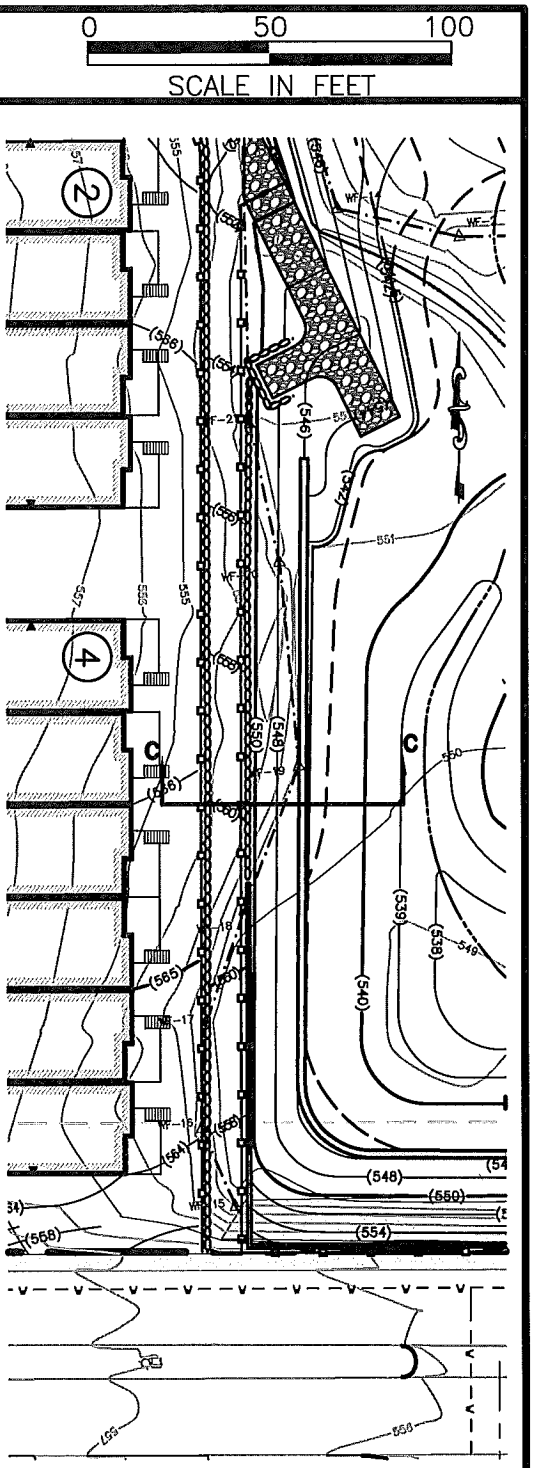
FILE# NAN–2014–00341–EHA
APPLICANT: BLUEBERRY LAND DEVELOPERS

PROPOSED PROJECT: BLUEBERRY COMMONS
LOCATION: NYS ROUTE 306 AND KEARSING PARKWAY
SHEET: 16 OF 24 DATE: 7/28/15

NAN-2014-00341-EHA



CROSS SECTION C–C
SCALE: HORIZ. 1"=50'
VERT. 1"=5'



PLAN VIEW: CROSS SECTION C–C
SCALE: 1"=50'

TITLE:

WALL CROSS SECTION C–C

FILE# NAN–2014–00341–EHA
APPLICANT: BLUEBERRY LAND DEVELOPERS

PROPOSED PROJECT: BLUEBERRY COMMONS
LOCATION: NYS ROUTE 306 AND KEARSING PARKWAY
SHEET: 17 OF 24 DATE: 7/28/15

NAN-2014-00341-EHA

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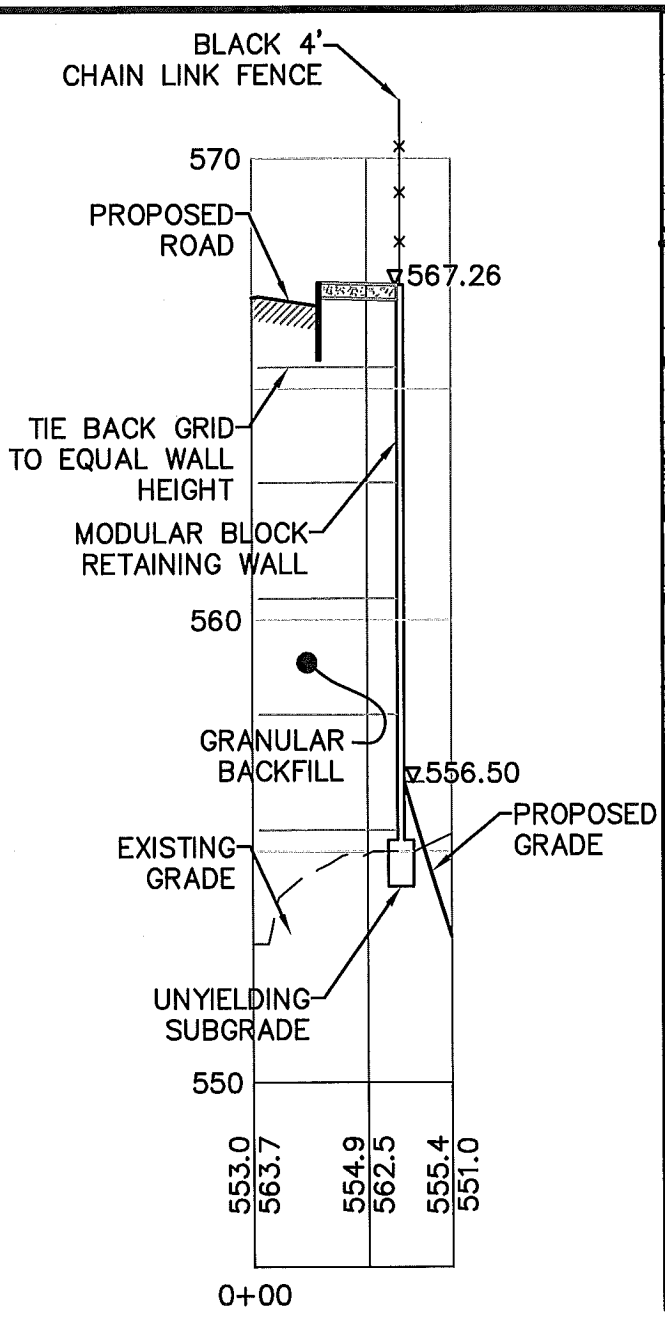
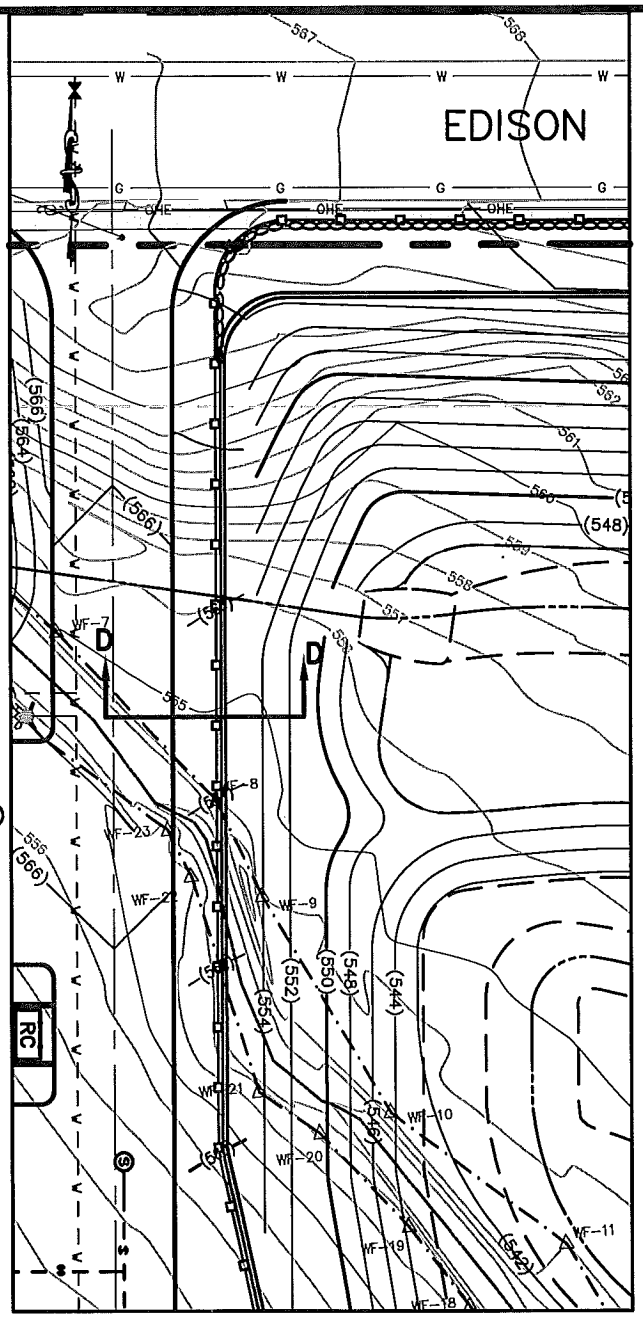


CROSS SECTION D–D
SCALE: HORIZ. 1"=40'
VERT. 1"=4'



PLAN VIEW: CROSS SECTION D–D
SCALE: 1"=40'

TITLE:

WALL CROSS SECTION
"D–D"

FILE# NAN–2014–00341–EHA
APPLICANT: BLUEBERRY LAND DEVELOPERS

PROPOSED PROJECT: BLUEBERRY COMMONS
LOCATION: NYS ROUTE 306 AND KEARSING PARKWAY
SHEET: 18 OF 24 DATE: 7/28/15

NAN-2014-00341-EHA

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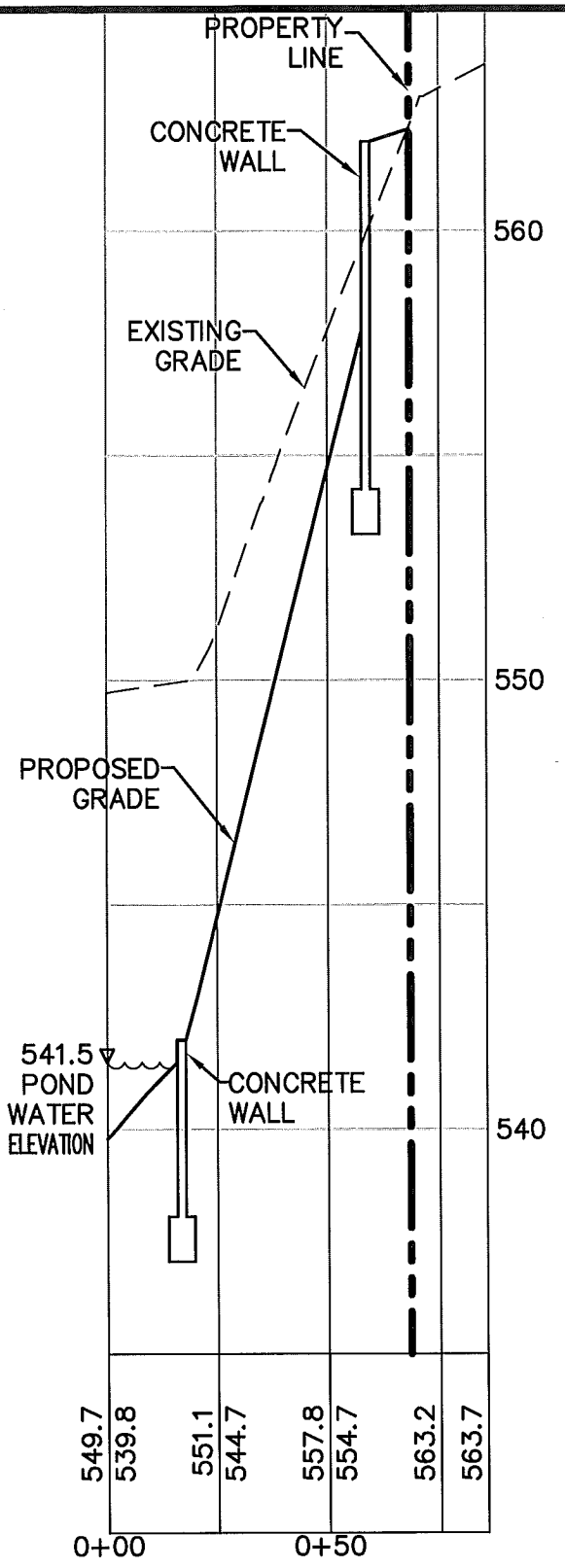
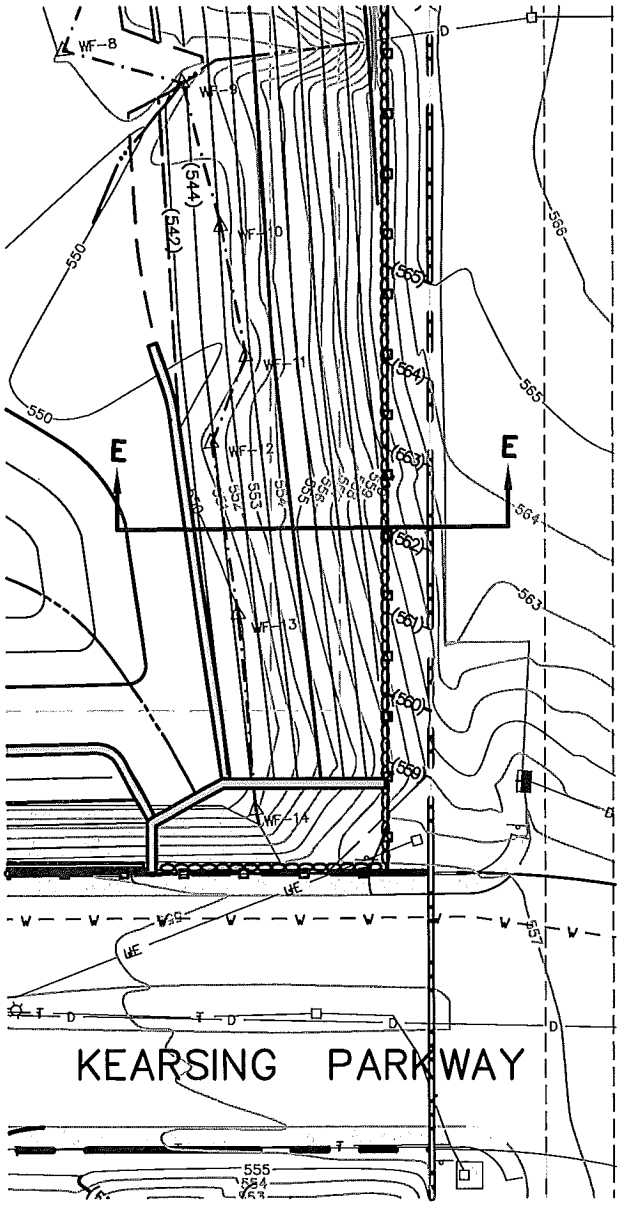


CROSS SECTION E–E
SCALE: HORIZ. 1"=40' VERT. 1"=4'



PLAN VIEW: CROSS SECTION E–E
SCALE: 1"=40'

	TITLE: WALL CROSS SECTION "E–E"	FILE# NAN–2014–00341–EHA APPLICANT: BLUEBERRY LAND DEVELOPERS PROPOSED PROJECT: BLUEBERRY COMMONS LOCATION: NYS ROUTE 306 AND KEARSING PARKWAY SHEET: 19 OF 24 DATE: 7/28/15

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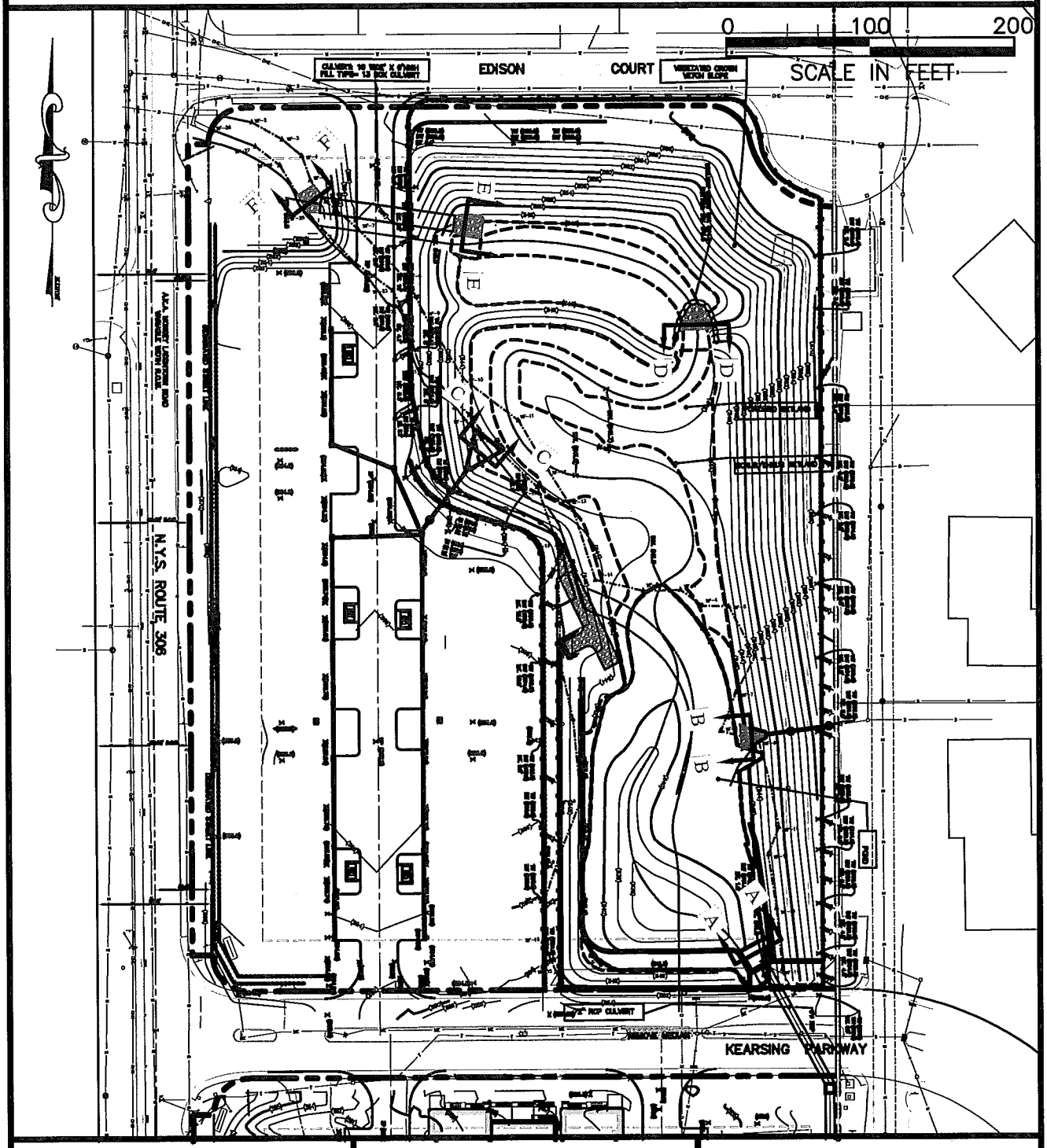


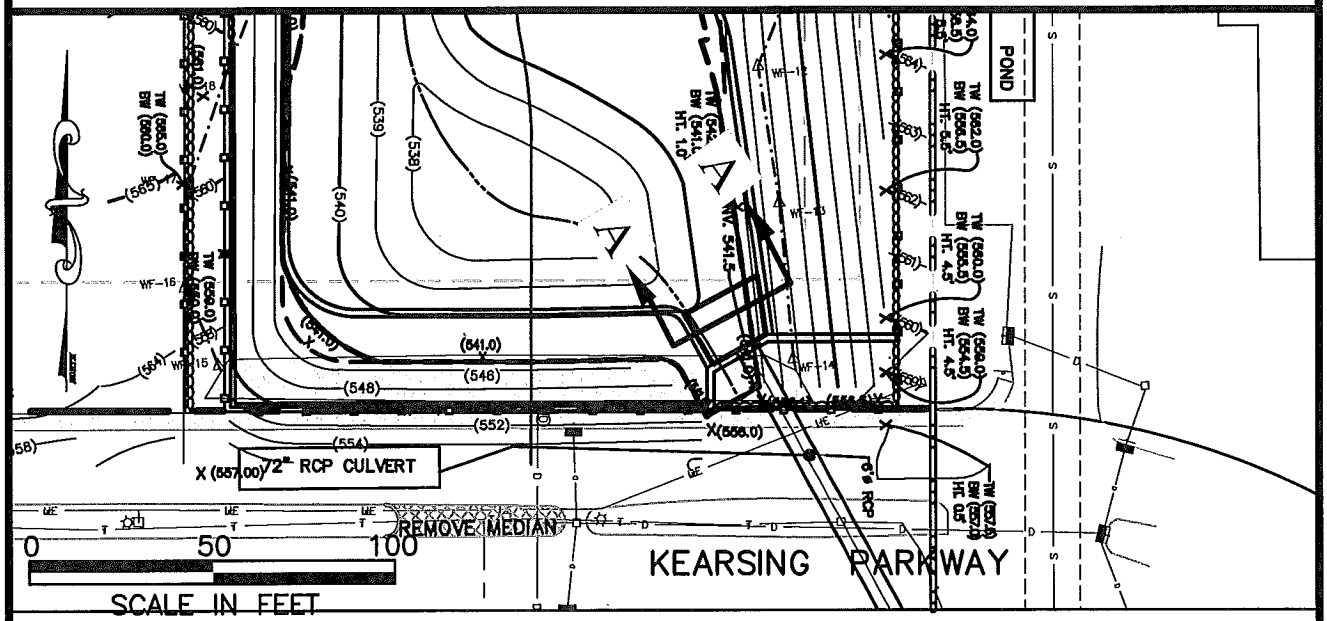
TITLE: KEY MAP

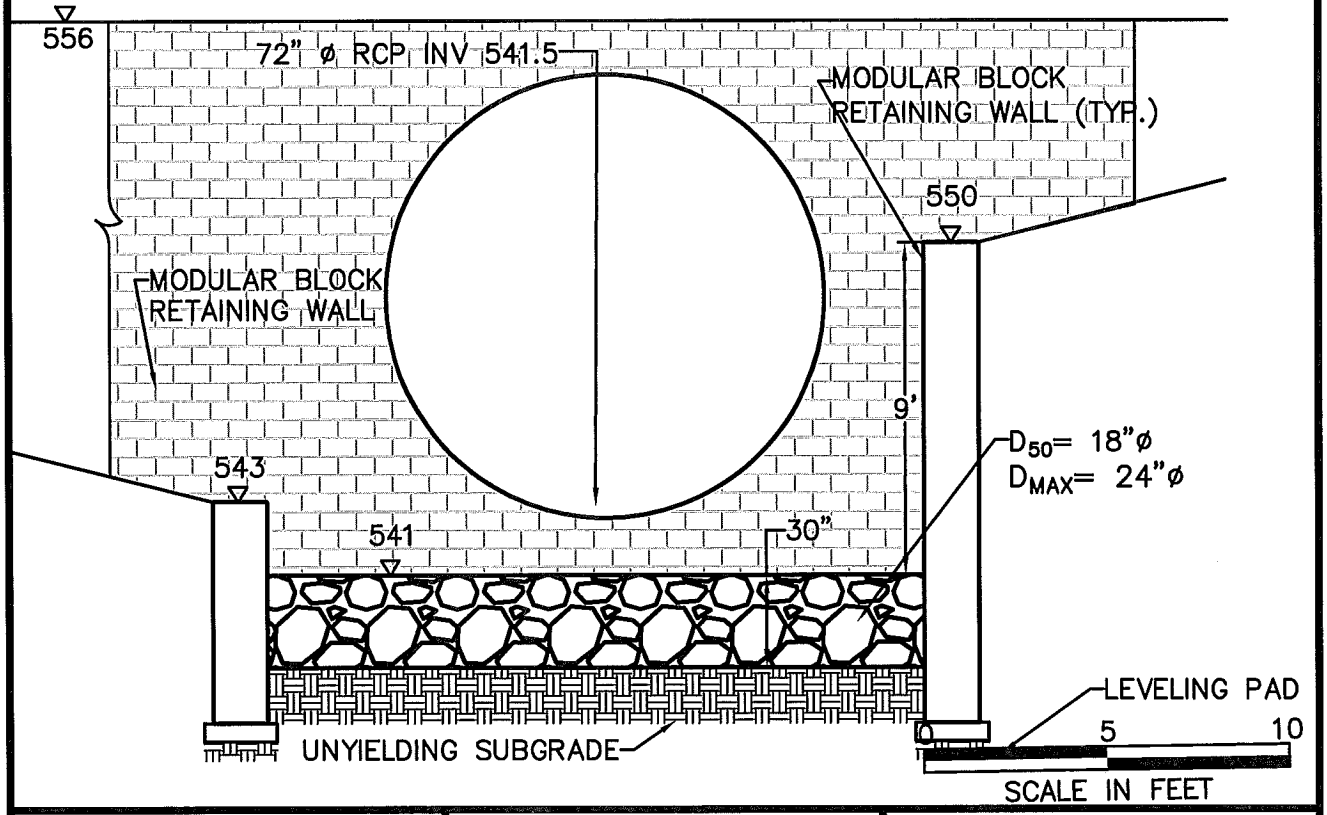
RIP RAP CROSS SECTION LOCATION MAP

FILE# NAN-2014-00341-EHA
APPLICANT: BLUEBERRY LAND DEVELOPERS

PROPOSED PROJECT: BLUEBERRY COMMONS
LOCATION: NYS ROUTE 306 AND KEARSING PARKWAY
SHEET: 20 OF 24 DATE: 7/28/15

NAN-2014-00341-EHA





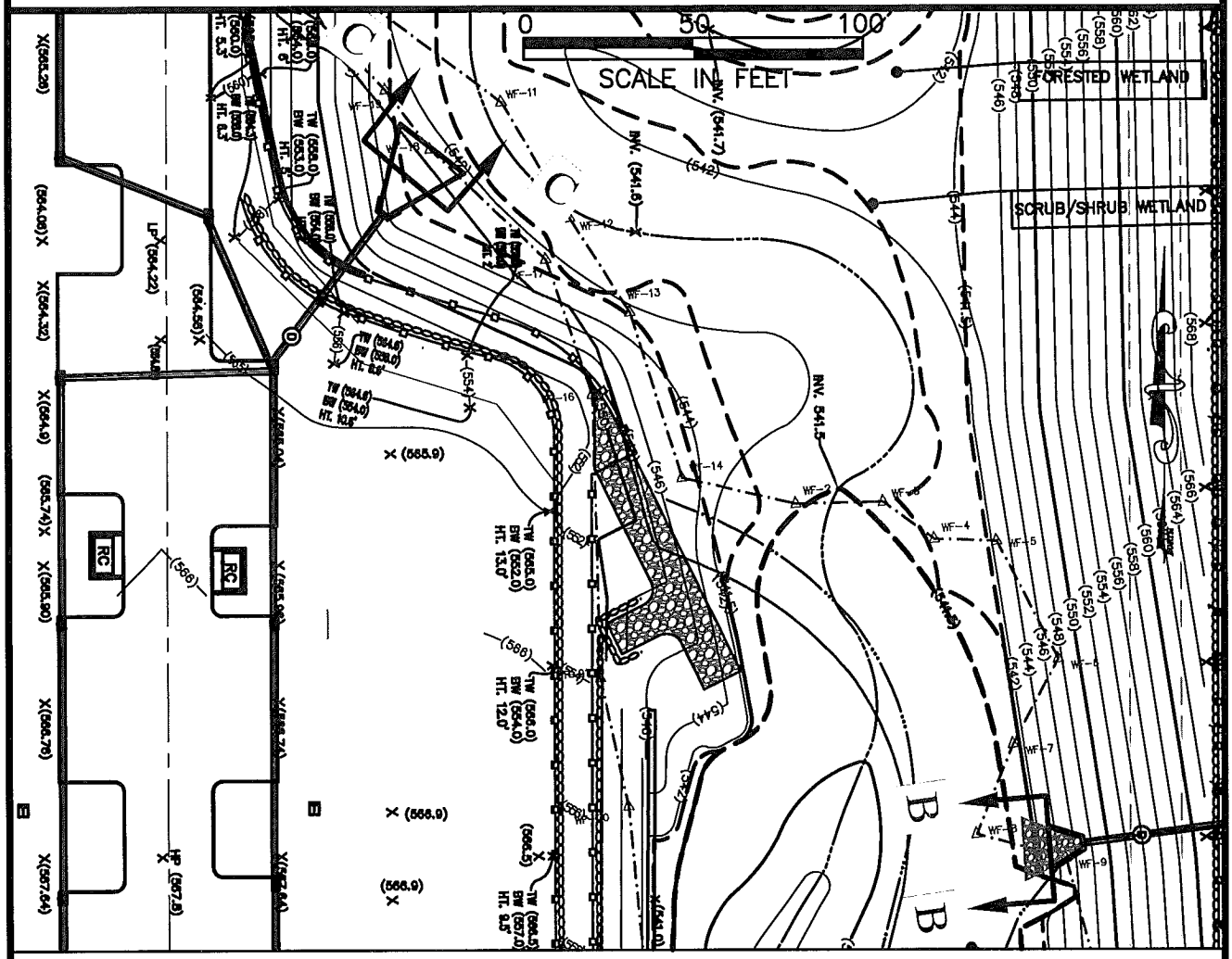
VOLUME OF RIP RAP AT SECTION A–A
=713 FT^3

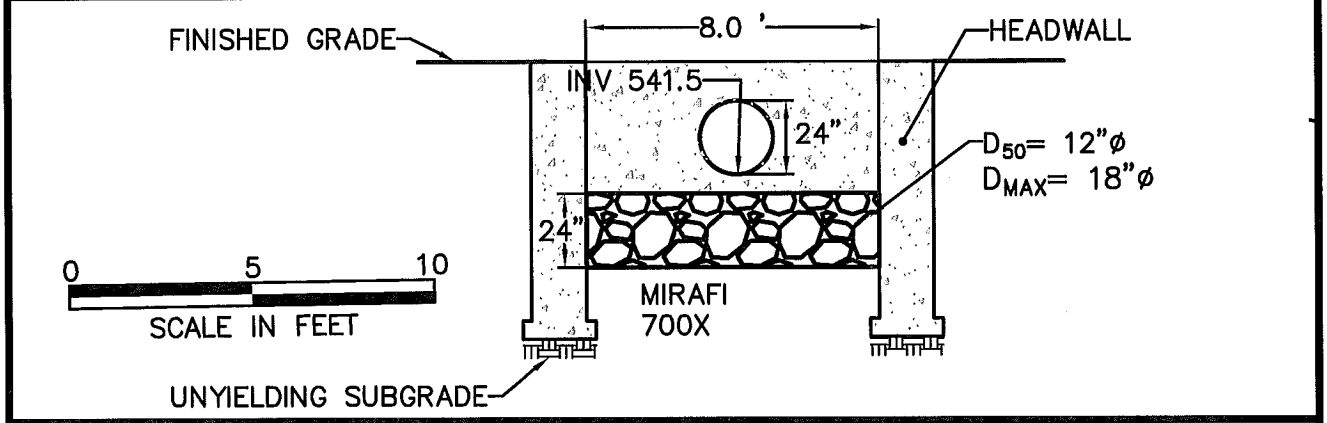
TITLE:
RIP RAP SECTION "A–A"

FILE# NAN–2014–00341–EHA
APPLICANT: BLUEBERRY LAND DEVELOPERS

PROPOSED PROJECT: BLUEBERRY COMMONS
LOCATION: NYS ROUTE 306 AND KEARSING PARKWAY
SHEET: 21 OF 24 DATE: 7/28/15
REVISED DATE: 9/30/15

NAN-2014-00341-EHA





VOLUME OF RIP RAP AT SECTION B–B =252 FT^3

VOLUME OF RIP RAP AT SECTION C–C=418 FT^3

TITLE:
RIP – RAP SECTION "B–B" & "C–C"

FILE# NAN–2014–00341–EHA
APPLICANT: BLUEBERRY LAND DEVELOPERS

PROPOSED PROJECT: BLUEBERRY COMMONS
LOCATION: NYS ROUTE 306 AND KEARSING PARKWAY
SHEET 22 OF 24 DATE: 7/28/15
REVISED DATE: 9/30/15

NAN-2014-00341-EHA

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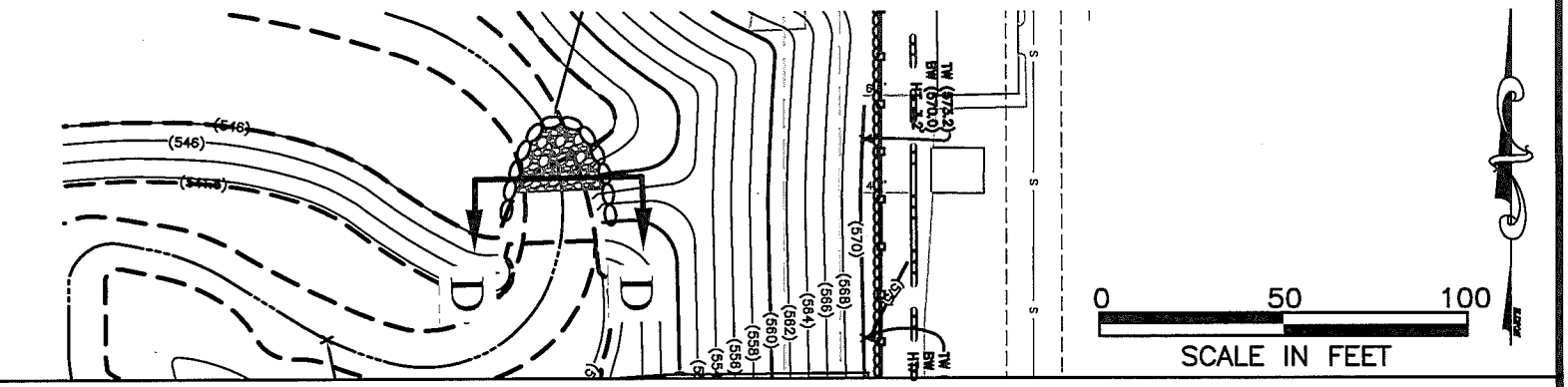

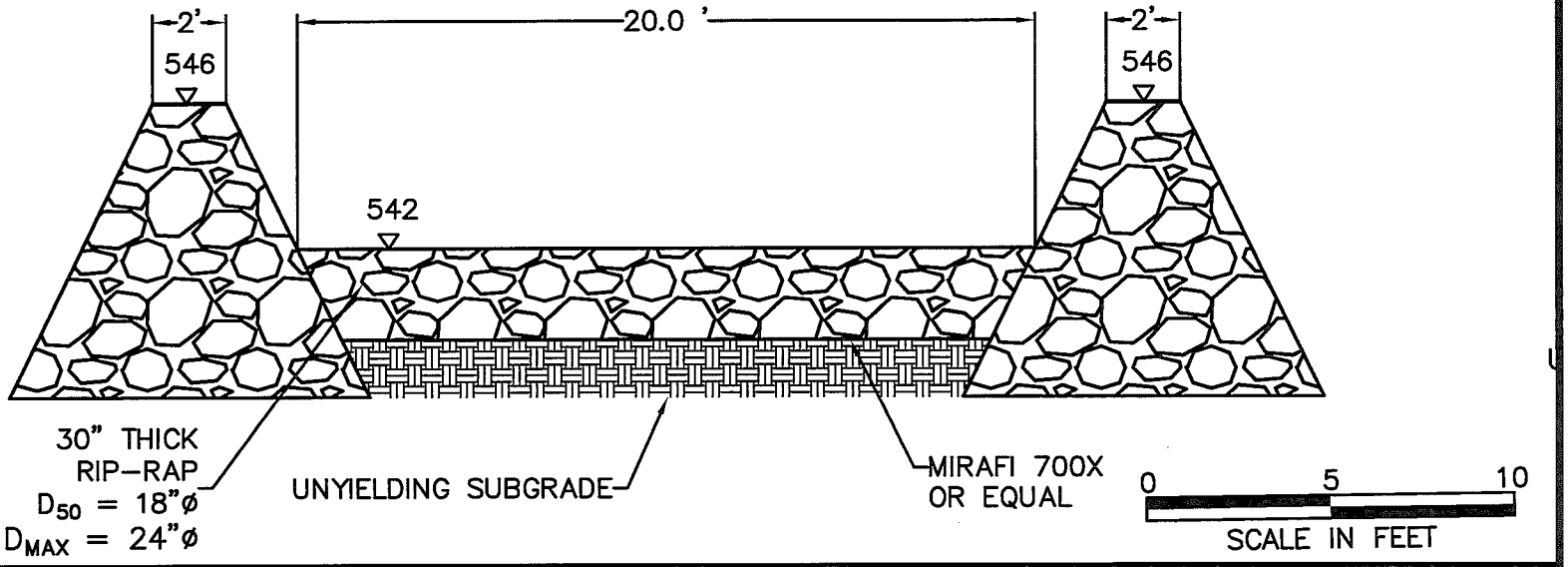

VOLUME OF RIP RAP AT SECTION D–D
=638 FT^3

TITLE:
RIP – RAP SECTION "D–D"

FILE# NAN–2014–00341–EHA

APPLICANT: BLUEBERRY LAND DEVELOPERS

PROPOSED PROJECT: BLUEBERRY COMMONS

LOCATION: NYS ROUTE 306 AND KEARSING PARKWAY

SHEET: 23 OF 24 DATE: 7\28\15
REVISED DATE: 9/30/15

NAN-2014-00341-EHA

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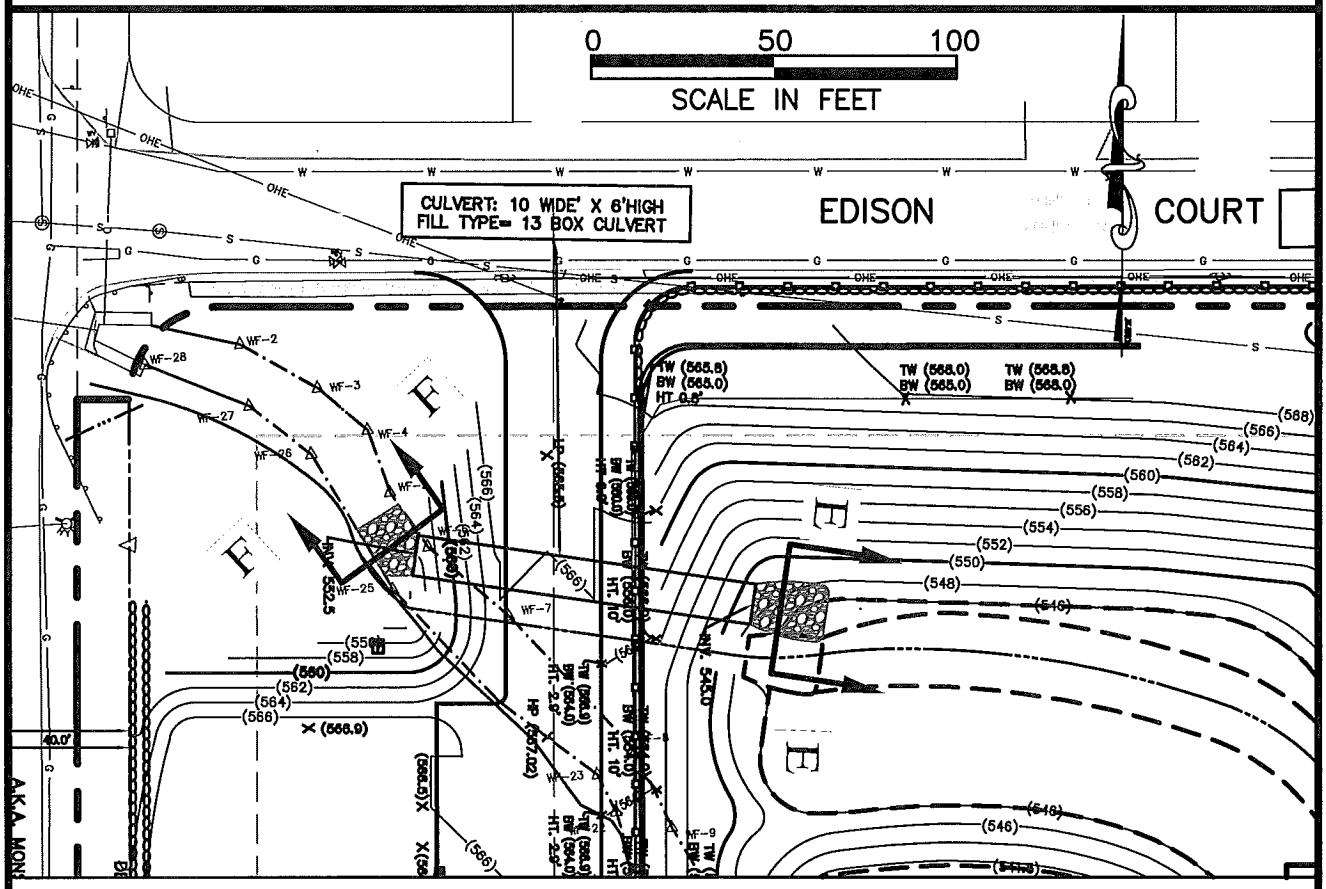

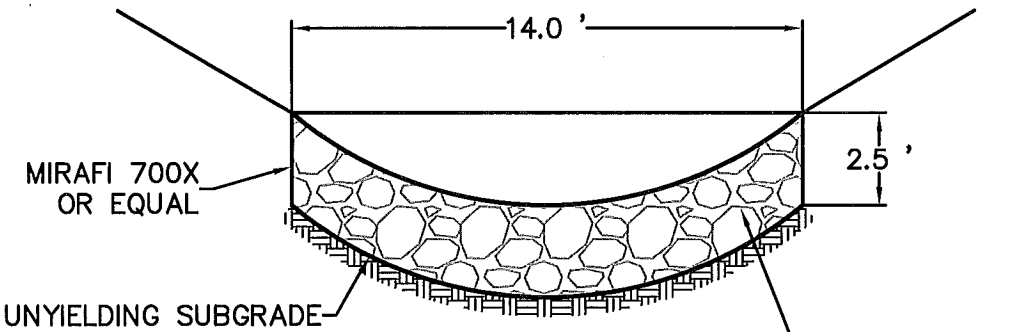

0 5 10
SCALE IN FEET

E–E SECTION &
SECTION F–F

VOLUME OF RIP RAP AT SECTION E–E=750 FT^3

VOLUME OF RIP RAP AT SECTION F–F =506 FT^3

COMBINED = 1256 FT^3

TITLE: RIP – RAP SECTION "E–E" & "F–F"

FILE# NAN–2014–00341–EHA
APPLICANT: BLUEBERRY LAND DEVELOPERS

PROPOSED PROJECT: BLUEBERRY COMMONS
LOCATION: NYS ROUTE 306 AND KEARSING PARKWAY
SHEET: 24 OF 24 DATE: 7/28/15
REVISED DATE: 9/30/15

NAN-2014-00341-EHA

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