CHESAPEAKE BAY REVIEW COMMITTEE
City of Hampton, Virginia

COMMITTEE MEMBERS: Billy Wood, Chip McErlean, Sharon Surita, Dave Stromberg, Lucy Stoll

MEETING AGENDA
September 26, 2017

REGULAR MEETING
9:00 AM - CDD Conference Room, 5th Floor City Hall

I. Public Hearing Items

A. ZP17-00324: Roger and Wendy Iles, 13 Wallace Rd., LRSN 10000236, a request to encroach into a portion of the one hundred (100) foot Resource Protection Area buffer to allow a 1,200 square foot raised garden bed.

B. ZP17-00467: John Alex Will, 840 N 1st St., LRSN 12007588, a request to encroach 400 square feet into a portion of the one hundred (100) foot Resource Protection Area buffer to construct a driveway.

As a courtesy to others during the meeting, please turn off cellular telephones or set them to vibrate.
Case: Chesapeake Bay Review (ZP17-00324)  
Location: 13 Wallace Rd. (LRSN 10000236)  
Owner: Cheryl Evans  
Zoning District(s): R-11 District – One Family Residential; O-CBP District – Chesapeake Bay Preservation Overlay; O-FZ District – Flood Zone Overlay  
Applicant: Roger and Wendy Iles

Request
An exception to Sec. 9-14(2)(b), other restrictions applicable to the RPA, to allow encroachment into a portion of the one hundred (100) foot Resource Protection Area buffer for a 1,200 square foot raised garden bed.

Existing Site Conditions
A single-family dwelling and accessory structures are located on the site.

Site Considerations
- An inlet of the Back River and wetlands border the property to the north. Roughly the northern half of the property is located in the 100’ RPA buffer.
- The buffer is maintained as a lawn, and was cleared prior to the enactment of the Chesapeake Bay Preservation Act in 1989.
- The applicant has constructed a 1200 SF raised garden bed in the RPA buffer. See attached narrative for description and images. The gravel construction of the bed is considered to be an impervious surface.
- The applicant is proposing mitigation plantings per the Virginia DEQ Riparian Buffers Modification and Mitigation Guidance Manual (Riparian Buffers Manual) to offset development in the RPA buffer. For minor development, potential impacts to water quality are assumed to be offset by buffer establishment per the Riparian Buffers Manual.

Evaluation
Staff have reviewed the application as it relates to Chapter 9, Article 2 of the Hampton Zoning Ordinance and evaluated the impact of the proposed development on water quality.

Applicable zoning provisions:

Section 9-16(4)(b): Exceptions to the requirements of Section 9-14 or subsection 9-16(1)(a)(i)—(iii) may be granted pursuant to the following:
(i) A request for an exception to the district regulations shall specify the hardship imposed by the regulations and identify, through a water quality impact assessment, the impacts of the proposed exception on water quality and lands within the O-CBP. The water quality impact assessment shall comply with the provisions of the stormwater management ordinance.
(ii) The review committee shall review the request and the accompanying water quality impact assessment and may grant the exception with such conditions and safeguards as deemed necessary to further the purpose and intent of this article if they find that:
   1. Granting the exception will not confer upon the applicant any special privileges that are denied by this article to similarly situated property owners in the district;
   2. The request is not based on self-imposed or self-created conditions or circumstances, nor does the request arise from conditions or circumstances, either permitted or nonconforming, that are related to adjacent parcels;
   3. The request is the minimum necessary to afford relief;
4. The request will be consistent with the purpose and intent of the district and is not of substantial detriment to water quality;
5. Reasonable and appropriate conditions are imposed which will prevent the request from causing a degradation of water quality; and,
6. Other findings, as appropriate and required by the review committee, are met.

Additional considerations:

Only certain types of development are permitted in the RPA buffer. These include water-dependent uses, certain types of redevelopment, and home gardens under 2,500 SF where the natural riparian buffer has legally been cleared. Zoning enforcement staff visited the site after a portion of the garden bed had been constructed and consulted with zoning administration staff. Because of the unusual nature of the use, there was uncertainty about how the Chesapeake Bay Preservation District regulations treated this type of development. After requesting more information about the design of the bed from the applicant and consulting with Virginia DEQ staff, it was determined that the applicant would need to apply for an exception from the Chesapeake Bay Review Committee to permit the garden bed in the RPA buffer.

Recommendation
Staff recommends that the Committee authorize encroachment into the RPA buffer with two conditions.

1. The raised garden bed shall be limited to 1,200 SF.

2. Any permanent impervious area shall be mitigated for at the rate of one (1) unit of mitigation per every 400 square-feet, or portion thereof, of encroachment into the RPA buffer, according to the DCR Riparian Buffer Modification and Mitigation Guidance Manual.
Google Street View (2015)

O-CBP District - Chesapeake Bay Preservation Overlay

*See O-CBP District confirmation included in the application package
Application for
Chesapeake Bay Review Committee

Complete this application in its entirety and submit along with the required materials (listed in Step 2 below) to the following address:

City of Hampton, Community Development Department
22 Lincoln Street, 3rd Floor
Hampton, Virginia 23669

Application for (check one):

☐ Resolution of O-CBD boundary dispute
☐ Request authorization to encroach into the RPA buffer for:
  ☐ Non-exempt road or driveway with or crossing the RPA
  ☐ Development on lot/parcel recorded prior to October 1, 1989
  ☐ Development on lot/parcel recorded October 1, 1989 - May 12, 2004

☐ Exception to the requirements of:
  ☐ Section 9-14 2a, General Performance Criteria
  ☐ Section 9-14 2b, Restrictions applicable to the RPA

1. PROPERTY INFORMATION

Address or Location 13 WALLACE ROAD HAMPTON VA 23664

LRSN 1000236 Zoning District R-11

2. SUBMITTAL REQUIREMENTS & DETAILS

All applications must include:

1. A recent, to scale physical survey of the property, prepared by licensed surveyor, that must include:
   a. Environmental Site Assessment: RPA, RMA, IDA buffer areas, RPA features, and wetlands drawn and clearly labeled
   b. Erosion and Sediment Control Plan; Silt Fences, Construction Entrances, etc.
   c. All proposed improvements to the property; new buildings, new roads/infrastructure, etc.

2. Water Quality Impact Assessment (see attached); 3. Background Information (property deeds, recorded plats, date stamped photos, prior approvals, etc.); 4. application fee of $75 for single-family residential uses, $200 for all other uses, payable to the City of Hampton; (3) a brief written description of hardship or dispute (use following space or submit as a separate document);

Description of request:

See Attached

Additional information may be required at the Zoning Administrator's discretion

Development of any property is subject to compliance with all applicable codes, regulations and ordinances, regardless of whether such is specified in a Chesapeake Bay Review Committee approval.
3. PROPERTY OWNER INFORMATION
An individual or a legal entity may be listed
Owner’s Name Cheryl L. Evans
Address 7 WALLACE ROAD
City Hampton State VA Zip 23664
Phone 757 - 851 - 9564
Email N/A

4. APPLICANT INFORMATION
(if different from owner)
Applicant’s Name Roger & Wendy Iles
Address 11 WALLACE ROAD
City Hampton State VA Zip 23664
Phone 757 - 775 - 5610
Email Cheeseshop57@yahoo.com

5. APPLICANT AGENT INFORMATION
(if different from applicant)
Agent’s Name ________________________________
Address ______________________________________
City____________________ State ____ Zip ______
Phone _________________________________
Email _________________________________

5. CERTIFICATION FOR LEGAL ENTITY PROPERTY OWNERS
Complete this section only if the property owner is not an individual but rather a legal entity such as a corporation, trust, LLC, partnership, diocese, etc. as specified in Step 3 above.

"I hereby submit that I am legally authorized to execute this application on behalf of the fee-simple owner of this property. I have read this application and it is submitted with my full knowledge and consent. I authorize city staff and representatives to have access to this property for inspection. The information contained in this application is accurate and correct to the best of my knowledge."

Name(s), title(s), signature(s), and date(s) of authorized representative(s) of entity (attach additional page if necessary):

Name of Legal Entity __________________________________________________________

Signed by: Name (printed) _______________________________________, Its (title) ______________________
Signature ___________________________________________ Date _________________

Name (printed) _______________________________________, Its (title) ______________________
Signature ___________________________________________ Date _________________

6. CERTIFICATION FOR INDIVIDUAL PROPERTY OWNERS
Complete this section only if the property owner is an individual or individuals.

"I hereby submit that I am the fee-simple owner of this property. I have read this application and it is submitted with my full knowledge and consent. I authorize city staff and representatives to have access to this property for inspection. The information contained in this application is accurate and correct to the best of my knowledge."

Name(s), signature(s), and date(s) of owner(s) (attach additional page if necessary):

Signed by: Name (printed) Cheryl L. Evans
Signature Cheryl L. Evans Date 7/15/2017

Name (printed) ___________________________________________ Date _________________
Review of design and construction of a raised bed garden

In discussion with the City of Hampton Zoning department, I was asked to provide a general outline and overview of our raised bed garden, located on the right side of my residence located at 11 Wallace Road Hampton VA 23664.

Overview:
My wife and I decided to install a raised bed garden measuring 40’ x 30’ to grow vegetables for our own consumption and enjoyment. The design followed basic construction, layout and common practice principles while providing an eco-friendly approach that would limit additional flooding issues resulting from normal tidal activity or severe rain events in this area.

Prior to establishing this garden, it was noted that during severe weather related activity standing water in this area remained for 24 hours to several days. In addition, salt water intrusion from tidal surges also created issues in leaving minerals and debris. Establishing a raised bed garden in this location would provide optimal site usage which up until this point had no immediate homeowner value.

Construction:
Following general raised bed gardening principals, a site plan was developed to maximize the available space while determining available sunlight to sustain and insure optimal growing conditions. After several weeks of evaluating the site, reviewing resources such as those listed below, we moved forward with our construction.
Gardening & Landscaping Beta Questions

Crushed gravel is the media of choice for providing drainage. What you want is to have the maximum amount of airspace in the drainage layer so water has somewhere to go. Normally you would use 5/8" or even 7/8" crushed gravel but 3/8" will do. Pea stone gravel would not be my first choice as it will pack down over time and provide less airspace than the irregular shapes of crushed gravel. If you want to be diligent, you can give the gravel you dig up a quick wash to separate out any dirt or other loose material. And, when in doubt, add more drain pipe with sleeve! There is no reason you cannot have several layers of drainpipe on top of each other in particularly difficult to drain areas.

Building raised beds are well worth the effort. Raised beds allow you to overcome problems such as poor, rocky soil, waterlogged areas and people walking through your gardens. While raised beds drain better than in-ground beds, adding rocks to the bottom of the bed improves drainage even further.

Draining When It’s Raining

Because many plants require well-draining soil, placing rocks in the bottom of a raised bed to create additional drainage space below the soil is a sensible step. Excess moisture in the soil often creates conditions that allow root rot to thrive and damage or kill delicate plants. As soil settles over time and becomes compacted, a layer of rock at the bottom of the bed ensures there is always space for excess water to drain away from plant roots. Unlike soil, rocks will not degrade or compact over time.
Rock On
Crushed rock or pea gravel work well at the bottom of a raised bed to improve drainage, particularly in beds more than 18 inches tall or where the bed is in an area of the yard with poor drainage. You can buy crushed rock and gravel from home improvement centers or rock yards.

Layers and Layers
Once the raised bed site is prepared, install the drainage rocks at the bottom of the space. Dump the crushed rocks or gravel into the framed space, one bag or bucket at a time. Spread the rock by hand, or with a metal rake, until you achieve a uniform depth of 2 to 3 inches across the bed. Add a good quality topsoil on top of the drainage rocks until it reaches just below the edge of the raised bed.

Don't Drown Them
Even with the benefit of drainage rocks in the bottom of a raised bed, it's crucial you water correctly to avoid over- or under-watering. Check the water requirements on the insert included with plants you have purchased and follow those instructions. If you're not sure, follow the rule of thumb to water the plants only when the top 1 to 2 inches of soil feel dry.

In addition to these types of online articles I spoke to a representative from Pembroke Stone about basic drainage methodology and principles. With his assistance the type, size and volume were determined.

A perimeter containment using 6” x 6” treated lumber bolted to 4” x 4” treated posts was established. All posts were set 36” in ground with stone/soil to further reduce/limit drainage issues resulting from nonporous services being applied in this area.

In addition to the lumber used to construct the box, limestone was used for the interior substrate comprising of #4, #57 and crush and run. This sizing was used to create a base to allow water to percolate through the stone.

#4 base, topped with #57, then final layer of crush and run.
June 17, 2017 at 1:54pm
Puddling, note that water is also puddling in grassy area.

June 17, 2017 at 4:04pm.
Drainage: some sediment, minimal puddling two hours after rain storm.

Resources used:
Personal experience in enclosure design and construction, Internet, Pembroke Stone Mart Hampton.

Respectfully submitted,
Roger Iles and Wendy Iles
11 Wallace Road
Hampton VA 23664
Iles Garden Planting plan

The planting plan included in the application for approval, clearly delineating the location of plants removed and plants to replace them.

The raised bed garden structure did not require the removal of any existing plant material for the site.

The plan should be at a large enough scale to be legible: Completed.

The planting plans should have the following information:
Vicinity map, scale, north arrow. Completed.
Property owner and address & contact name and number for the person who prepared the plan. Completed.

Existing vegetation remaining: Grass.

Proposed location of new plant material (Planting map attached)
Species, size, root condition (B&B, container, bare root): All containerized

- Large Canopy Tree Species: Black Cherry (2), Persimmon (1)
- Understory Tree Species: Alternate leaf Dogwood (3)
- Shrubs Species: American Beautyberry (2), Alleghany Blackberry (14), Blueberry (4)
- Groundcover Species: Switchgrass (16), Cinnamon Fern (4), Virginia Bluebells (24)
- Additional plants: Monarda Bee Balm (12), Coreopsis (8), Larkspur (10), Swamp Milkweed (12), Lobelia (12), Tithonia (3), Phacelia (6), Gaillardia (8) Black-eyed Susan (8) Rosemary (1)

Planting specifications and details on installation:

- All trees and plant material used for this project will meet the size requirements as outlined in the Restoration/Establishment Table A, of the Riparian Buffers Guidance Manual Page 94.

- All plant material will be installed at the appropriate time of year to ensure the best possible survival. Shrubs, ground cover and marsh grasses will be planted upon approval of the planting plan submitted.

Procedures and protection measures: Support straps and stakes will be used for trees.

Maintenance plan & schedule: Managed by Homeowner / Master Gardener.

Note: Installation of two rain barrels may be used to replace one large tree shown on garden plan.
Case: Chesapeake Bay Review (ZP17-00467)  
Location: 840 N. 1st St. (LRSN 12007588)  
Owner: John (Alex) Will  
Zoning District(s): R-11 District – One Family Residential; O-CP District – Chesapeake Bay Preservation Overlay; O-FZ District – Flood Zone Overlay  
Applicant: Alex Will

Request
Authorization by the Chesapeake Bay Review Committee pertaining to Section 9-14(2)(b)(iv)(bb), roads and driveways not exempt, to permit the construction of a driveway in the RPA buffer.

Existing Site Conditions
A single-family home exists on the property. There is no on-site parking on the property.

Site Considerations
- The parcel is located on the beach at the Salt Ponds.
- The parcel includes a tidal shoreline. The landward of mean high water portion of the parcel is entirely within the 100’ RPA buffer.
- The RPA buffer is not currently vegetated.
- 400 square feet of the driveway will be located in the RPA buffer.
- The applicant is proposing sufficient mitigation appropriate to a coastal environment.
  o Proposed mitigation includes a minimum of 400 square feet of beach grass and sea oats planted one foot on center.
- No permit is required from the City of Hampton Wetlands Board or the Army Corps of Engineers. An application for a beach permit from the Virginia Marine Resources Commission is pending. The applicant is working with Public Works Department staff on an application to build a portion of the driveway in the City’s right-of-way.

Evaluation
Staff has reviewed the application as it relates to the Hampton Zoning Ordinance. Specifically, this application is subject to review under Section 9-14(2)(b)(iv)(bb):

Roads and driveways not exempt and which, therefore, must comply with the provisions of this article, may be constructed in or across RPAs if each of the following criteria are met:
1. The review committee makes a finding that there are no reasonable alternatives to aligning the road or drive in or across the RPA; and,
2. The alignment and design of the road or driveway is optimized, consistent with other applicable requirements, to minimize encroachment in the RPA and minimize adverse effects on water quality; and,
3. The design and construction of the road or driveway satisfy all applicable criteria of this article; and,
4. The review committee reviews the plan for the road or driveway proposed in or across the RPA in coordination with the plan of development pursuant to section 9-15.

Additional Considerations:
The applicant is proposing to construct a driveway and apron, portions of which will be located on the applicant’s property and in the City’s right-of-way. The entire width of the parcel and a portion of the
right-of-way are located within the RPA buffer. There is no alternative but to locate the driveway in the RPA buffer.

400 square feet of the driveway will be located within the RPA buffer. Staff and the applicant have worked together to ensure the proposal will meet the City’s flood zone ordinance requirements and to minimize the encroachment into the RPA buffer. The City’s Zoning Ordinance requires two on-site parking spaces for single-family detached dwellings. The applicant is proposing a driveway wide enough to accommodate three parking spaces. Staff considered this design appropriate due to parking constraints associated with the property’s location on 1st St. Parking is prohibited on the east side of 1st St. and limited to two hours on the west side of 1st St.

**Recommendation**

Staff recommends that the committee authorize the construction of the driveway in the RPA buffer with three conditions.

1. The portion of the driveway in the RPA buffer shall be constructed in substantial conformance with the plan prepared by DKT Associates, titled “Exhibit of Lot 21, Section C Malo Beach”, dated 12/7/2016 and revised 07/17/2017.

2. Any permanent impervious area, including, but not limited to, the primary and accessory structures, parking areas, patios, decks, and porches, shall be mitigated for at the rate of one (1) unit of mitigation per every 400 square-feet, or portion thereof, of encroachment into the RPA buffer, according to the DEQ Riparian Buffers Modification and Mitigation Guidance Manual.

3. Approval of this application only authorizes encroachment into the RPA buffer. All phases of the proposed development shall comply with all ordinances of the City of Hampton.

**Aerial Map**
O-CBP District - Chesapeake Bay Preservation Overlay
Application for
Chesapeake Bay Review Committee

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22 Lincoln Street, 3rd Floor
Hampton, Virginia 23669

Application for (check one):

☑ Resolution of O-CBD boundary dispute

☑ Non-exempt road or driveway with or crossing the RPA
☑ Development on lot/parcel recorded prior to October 1, 1989
☑ Development on lot/parcel recorded October 1, 1989 – May 12, 2004

☑ Exception to the requirements of:
☐ Section 9-14.2a. General Performance Criteria
☐ Section 9-14.2b. Restrictions applicable to the RPA

1. PROPERTY INFORMATION

Address or Location: 840 N First Street Hampton, VA 23664

LRSN: Zoning District:

2. SUBMITTAL REQUIREMENTS & DETAILS

All applications must include:

(1) A recent, to scale physical survey of the property, prepared by licensed surveyor, that must include:
   a. Environmental Site Assessment: RPA, RMA, IDA buffer areas, RPA features, and wetlands drawn and clearly labeled
   b. Erosion and Sediment Control Plan; Silt Fences, Construction Entrances, etc.
   c. All proposed improvements to the property; new buildings, new roads/infrastructure, etc.

(2) Water Quality Impact Assessment (see attached); (3) Background Information (property deeds, recorded plats, date stamped photos, prior approvals, etc.); (4) application fee of $75 for single-family residential uses, $200 for all other uses, payable to the City of Hampton; (5) a brief written description of hardship or dispute (use following space or submit as a separate document);

Description of request: Having purchased the bank-owned property in 2014 and following extensive renovations to City prescribed standards, we are requesting authorization to encroach into the RPA buffer for a driveway crossing and within the RPA buffer. Our site plan includes mitigation prescribed by the City and coordinated through consultation with the City's horticulturist.

Additional information may be required at the Zoning Administrator's discretion

Development of any property is subject to compliance with all applicable codes, regulations and ordinances, regardless of whether such is specified in a Chesapeake Bay Review Committee approval
3. PROPERTY OWNER INFORMATION
An individual or a legal entity may be listed

Owner’s Name: John A. Will
Address: 840 N. First Street
City: Hampton, VA Zip: 23664
Phone: (757) 703-4824
Email: john.will@com.mil, j.alex.will@gmail.com

4. APPLICANT INFORMATION
(if different from owner)

Applicant’s Name: 
Address: 
City: State: Zip: 
Phone: 
Email: 

5. APPLICANT AGENT INFORMATION
(if different from applicant)

Agent’s Name: 
Address: 
City: State: Zip: 
Phone: 
Email: 

5. CERTIFICATION FOR LEGAL ENTITY PROPERTY OWNERS
Complete this section only if the property owner is not an individual but rather a legal entity such as a corporation, trust, LLC, partnership, diocese, etc. as specified in Step 3 above.

"I hereby submit that I am legally authorized to execute this application on behalf of the fee-simple owner of this property. I have read this application and it is submitted with my full knowledge and consent. I authorize city staff and representatives to have access to this property for inspection. The information contained in this application is accurate and correct to the best of my knowledge."

Name(s), title(s), signature(s), and date(s) of authorized representative(s) of entity (attach additional page if necessary):

Name of Legal Entity: 
Signed by: Name (printed): , Its (title): 
Signature: Date: 
Name (printed): , Its (title): 
Signature: Date: 

6. CERTIFICATION FOR INDIVIDUAL PROPERTY OWNERS
Complete this section only if the property owner is an individual or individuals.

"I hereby submit that I am the fee-simple owner of this property. I have read this application and it is submitted with my full knowledge and consent. I authorize city staff and representatives to have access to this property for inspection. The information contained in this application is accurate and correct to the best of my knowledge."

Name(s), signature(s), and date(s) of owner(s) (attach additional page if necessary):

Signed by: Name (printed): John A. Will
Signature: John A. Will Date: 8/28/2017
Name (printed): 
Signature: Date: 

840 N First Street Hampton, VA 23664
(All photos taken in August 2017)
840 N First Street Hampton, VA 23664

(All photos taken in August 2017)
1. THIS TOPOGRAPHIC SURVEY WAS COMPLETED UNDER THE DIRECT AND RESPONSIBLE CHARGE OF DENNIS TAFLAMASIS, LS, FROM AN ACTUAL GROUND SURVEY MADE UNDER MY SUPERVISION; THAT THE IMAGERY AND/OR ORIGINAL DATA WAS OBTAINED ON NOVEMBER 30, 2014; AND THAT THIS PLAT, MAP, OR DIGITAL GEOSPATIAL DATA INCLUDING METADATA MEETS MINIMUM ACCURACY STANDARDS UNLESS OTHERWISE NOTED.

2. ALL ELEVATIONS SHOWN HEREIN ARE EXPRESSED IN U.S. SURVEY FEET AND BASED ON NAVD 1988 DATUM.

3. THIS PROPERTY APPEARS TO FALL IN FLOOD ZONE VE AS SHOWN ON THE FEMA MAP FOR THE CITY OF HAMPTON, MAP PANEL 519527 0020 H, EFFECTIVE MAY 16, 2016. BASE FLOOD ELEVATION = 9.11, FINISHED FLOOR ELEVATION = 14.1

PROPOSED DRIVEWAY
AREA IN RPA ZONE 400 SQ. FT.

AREA TABLE
277 SF (GRAVEL) (RPA) (PRIVATE)
123 SF (GRAVEL) (RPA) (RW)
487 SF (GRAVEL) (RPA) (RPA)
198 SF (PAVERS) (RW)

TOTAL DRIVEWAY AREA
1065 SQ. FT.

TOTAL AREA OF DISTURBANCE
1065 SQ.FT.

LOT 21
14,441 SF
0.3315 AC

WS 30' 36"72'E W
60'

MITIGATION PLANTING AREA
(400) BEACH GRASS,
DUNE GRASS AND SEA OATS
STAGGERED ON 1 CENTER (TYP.)
TOTAL PLANT AREA = 400 SQ. FT.

ADDITIONAL PLANTING AREA
219 SQUARE FEET PENDING
CITY APPROVAL

WOOD DECK
2 STORY FRAME
HOUSE #840
FF 14.08

WOOD STEPS
WOOD WALKWAY

WOOD DECK
2 STORY FRAME
HOUSE #840
FF 14.08

WOOD STEPS
WOOD WALKWAY

PAVERS

EXHIBIT of
LOT 21, SECTION C
MALO BEACH
(DOCUMENT NO. 135019038)

HAMPTON, VIRGINIA
DECEMBER 07, 2016

For: JOHN ALEX WILL

Job No.: 13606
FB: x
Scale: 1" = 20'
Size: 8.5 x 14
Drawn: GE
Revised: 07/17/17
Check: DT
Sheet: 1 of 1