

Permits: 410-313-2455
 Inspections: 410-313-1810
 Automated Line: 410-313-3800

Howard County Building/Fire Permit Application
 Department of Inspections, Licenses & Permits
 3430 Court House Drive
 Ellicott City, MD 21043

Permit Number:
B12003298

Building Address: 8120 Huntfield Drive
Fulton, MD 20759

Suite/Apt. # _____ SDP/WP/BA #: _____

Census Tract: _____ Subdivision: _____

Section: _____ Area: _____ Lot: _____

Tax Map: _____ Parcel: _____ Grid: _____

Zoning: _____ Map Coordinates: _____ Lot Size: _____

Existing Use: Single Family Dwelling

Proposed Use: In law's Suite

Estimated Construction Cost: \$ 130,000.00

Description of Work: 682 SF Addition w/ 24x12 deck
and 13'x12' covered deck

Occupant or Tenant: _____

Was tenant space previously occupied? Yes No

Contact Name: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Phone: _____ Fax: _____

Email: _____

Property Owner's Name: Caroline & David Agresti

Address: 8120 Huntfield Drive

City: Fulton State: MD Zip Code: 20759

Home Phone: 508-284-6448 Work Phone: _____

Applicant's Name & Mailing Address, (If other than stated herein): _____

Phone: _____ Fax: _____

Email: _____

Contractor Company: T.W. Ellis LLC

Contact Person: Timothy Ellis

Address: 725 N. Hickory Ave

City: Beltz State: MD Zip Code: 20714

License No.: 49977

Phone: 410-420-0740 Fax: 410-420-0102

Email: twellis@verizon.net

Engineer/Architect Company: _____

Responsible Design Prof.: _____

Address: _____

City: _____ State: _____ Zip Code: _____

Phone: _____ Fax: _____

Email: _____

BUILDING DESCRIPTION - COMMERCIAL	
Building Characteristics	Utilities
Height:	<u>Water Supply</u>
No. of stories:	<input type="checkbox"/> Public
Gross area, sq. ft./floor:	<input type="checkbox"/> Private
	<u>Sewage Disposal</u>
Area of construction (sq. ft.):	<input type="checkbox"/> Public
	<input type="checkbox"/> Private
Use group:	Electric: <input type="checkbox"/> Yes <input type="checkbox"/> No
	Gas: <input type="checkbox"/> Yes <input type="checkbox"/> No
<u>Construction type:</u>	<u>Heating System</u>
<input type="checkbox"/> Reinforced Concrete	<input type="checkbox"/> Electric <input type="checkbox"/> Oil
<input type="checkbox"/> Structural Steel	<input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane Gas
<input type="checkbox"/> Masonry	<u>Sprinkler System:</u>
<input type="checkbox"/> Wood Frame	<input type="checkbox"/> N/A
<input type="checkbox"/> State Certified Modular	<input type="checkbox"/> Full
<input checked="" type="checkbox"/> Roadside Tree Project Permit	<input type="checkbox"/> Partial
<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Other Suppression
Roadside Tree Project Permit #	No. of Heads:

BUILDING DESCRIPTION - RESIDENTIAL	
Building Characteristics	Utilities
<input checked="" type="checkbox"/> SF Dwelling <input type="checkbox"/> SF Townhouse	<u>Water Supply</u>
Depth Width	<input type="checkbox"/> Public
1 st floor:	<input checked="" type="checkbox"/> Private
2 nd floor:	<u>Sewage Disposal</u>
Basement:	<input type="checkbox"/> Public
<input checked="" type="checkbox"/> Finished Basement	<input checked="" type="checkbox"/> Private
<input type="checkbox"/> Unfinished Basement	Electric: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Crawl Space	Gas: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<input type="checkbox"/> Slab on Grade	<u>Heating System</u>
No. of Bedrooms:	<input type="checkbox"/> Electric
<u>Multi-family Dwelling</u>	<input type="checkbox"/> Oil
No. of efficiency units:	<input checked="" type="checkbox"/> Natural Gas
No. of 1 BR units:	<input type="checkbox"/> Propane Gas
No. of 2 BR units:	
No. of 3 BR units:	
Other Structure:	
Dimensions:	
Footings:	<input checked="" type="checkbox"/> Roadside Tree Project Permit
Roof:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
<input type="checkbox"/> State Certified Modular	<u>Roadside Tree Project Permit #</u>
<input type="checkbox"/> Manufactured Home	

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION; (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

Applicant's Signature: Timothy Ellis Print Name: Timothy Ellis

Email Address: twellis@verizon.net Date: 10/2/12

Title/Company: President / T.W. Ellis LLC

Checks Payable to: DIRECTOR OF FINANCE OF HOWARD COUNTY

PLEASE WRITE NEATLY & LEGIBLY

FOR OFFICE USE ONLY

AGENCY	DATE	SIGNATURE OF APPROVAL
State Highways		
Building Officials		
PSZA (Zoning)		
PSZA (Engineering)		
Health	<u>10/22/12</u>	<u>David Scott</u>
Fire Protection		

Is Sediment Control approval required for issuance? Yes No
 CONTINGENCY CONSTRUCTION START
 ONE STOP SHOP

DPZ SETBACK INFORMATION

Front: _____

Rear: _____

Side: _____

Side St.: _____

All minimum setbacks met? Yes No

Is Entrance Permit Required? Yes No

Historic District? Yes No

Lot Coverage for New Town Zone: _____

SDP/Red-line approval date: _____

Filing Fee	\$ <u>25</u>
Permit Fee	\$
Tech Fee	\$
Excise Tax	\$
PSFS	\$
Guaranty Fund	\$
Add'l per Fee	\$
Total Fees	\$
Sub-Total Paid	\$
Balance Due	\$

Check # 11484

Distribution of Copies: White: Building Officials Green: PSZA,Zoning Yellow: PSZA,Engineering Pink: Health Gold: SHA

T:\Operations\Updated Forms\New building app 11.10.2010.docx

Came in during walk thru

September 18, 2012

Michael J. Davis
Assistant Director
Howard County Health Department
Bureau of Environmental Health
7178 Columbia Gateway Drive
Columbia, MD 21046

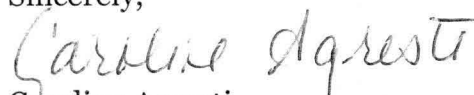
Mr. Davis,

I am writing on the advice of one of your Environmental Sanitarian's advice. I spoke to her last week and after explaining our situation she suggested the best course of action would be to write you a letter requesting a variance for our septic design so we would not have to replace our existing 1500 gallon tank. We are planning on putting on an addition for my elderly parents who currently live in New England. I am an only child and feel they need to be under my roof so I may help care for them. We plan on adding a bedroom, living area and full bath (it will only have a shower stall, no tub). We have never had a problem with our septic as we are diligent about maintaining our system. There are only 3 people living in our house at the moment, my husband, my son and myself. My daughter is a full time college student living in Philadelphia and my husband travels and is very rarely home during the week. Our house is over 4500 square feet however this addition is needed because my parents cannot climb stairs due to their health. One of the 4 bedrooms we have is unoccupied but it is on the 2nd floor and inaccessible to them.

I am hoping to receive this variance so we can move this project along quickly as they need to come down as soon as possible due to their health and especially since the winter weather in New England can be so harsh. I have included a copy of the septic design.

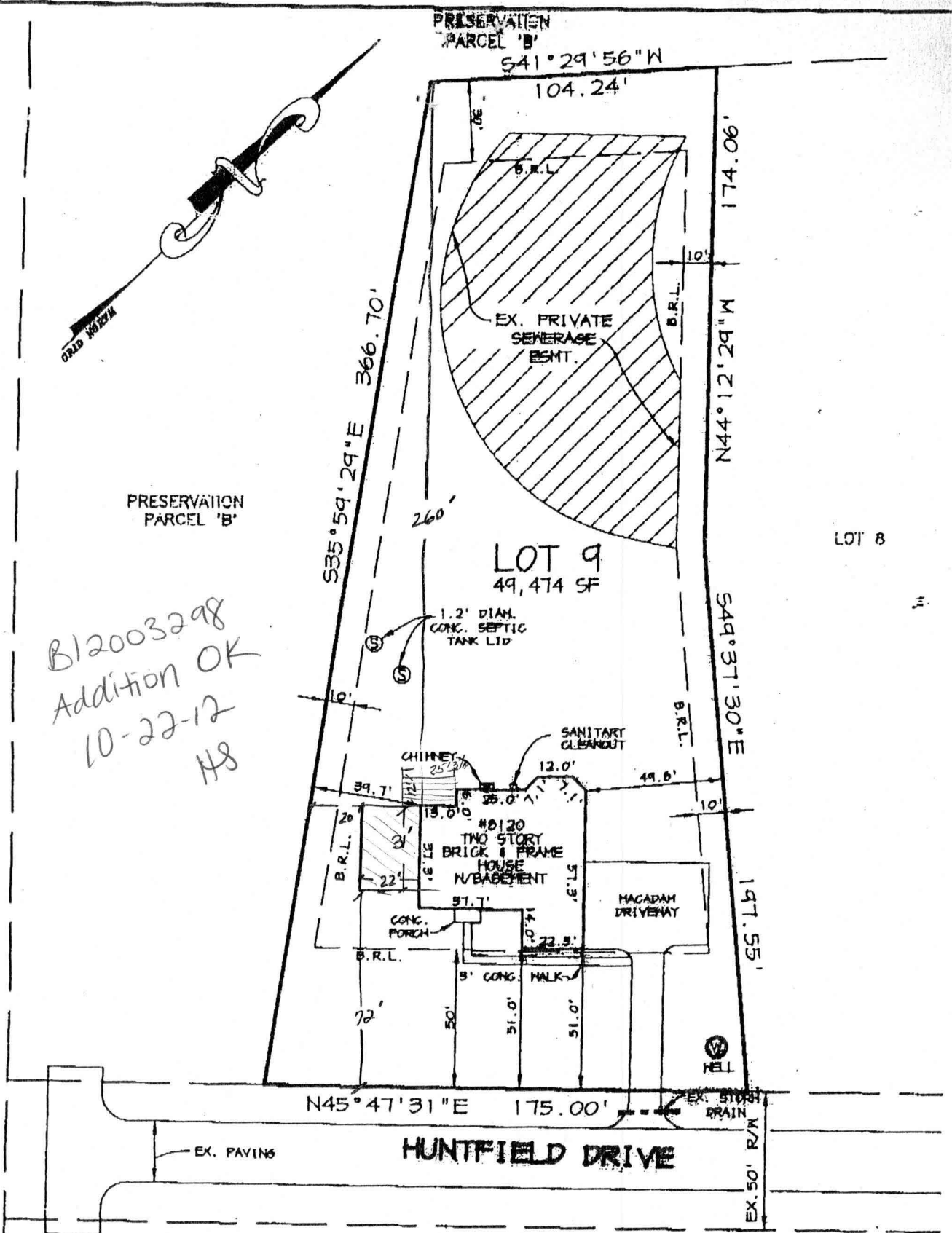
Your consideration on this matter is very much appreciated. If you should have any questions please feel free to contact me on my cell phone 508-284-6448. Thank you!

Sincerely,



Caroline Agresti
8120 Huntfield Drive
Fulton, MD 20759

10/22/12 M. Davis
Approved



B12003298
 Addition OK
 10-22-12
 HS

FIRST FLOOR ELEVATION = 421.7
 B.R.L. - BUILDING RESTRICTION LINE

- NOTE:
- THIS PLAT IS OF BENEFIT TO A CONSUMER ONLY INSOFAR AS IT IS REQUIRED BY A LENDER OR A TITLE COMPANY OR ITS AGENT IN CONNECTION WITH CONTEMPLATED TRANSFER, FINANCING, OR RE-FINANCING;
 - THE PLAT IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OR LOCATION OF FENCES, GARAGES, BUILDINGS, OR OTHER EXISTING OR FUTURE IMPROVEMENTS; AND
 - THE PLAT DOES NOT PROVIDE FOR THE ACCURATE IDENTIFICATION OF PROPERTY BOUNDARY LINES, BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE.



THIS IS TO CERTIFY THAT I HAVE SURVEYED THE PROPERTY SHOWN HEREON FOR THE PURPOSE OF LOCATING THE IMPROVEMENTS ON SAID PROPERTY AND THAT THE IMPROVEMENTS ARE LOCATED AS SHOWN; AND FURTHER CERTIFY THAT THE SUBJECT PROPERTY LIES IN ZONE "C" (AREA OF MINIMAL FLOODING) AS SHOWN ON F.I.R.M. MAP No. 240044 0042B DATED 12-04-86 FOR HOWARD COUNTY, MARYLAND.

Arthur E. Muegge
 ARTHUR E. MUEGGE #10751

RIEMER MUEGGE & ASSOCIATES, INC.
 SUITE 200
 8818 CENTRE PARK DRIVE
 COLUMBIA, MARYLAND 21045

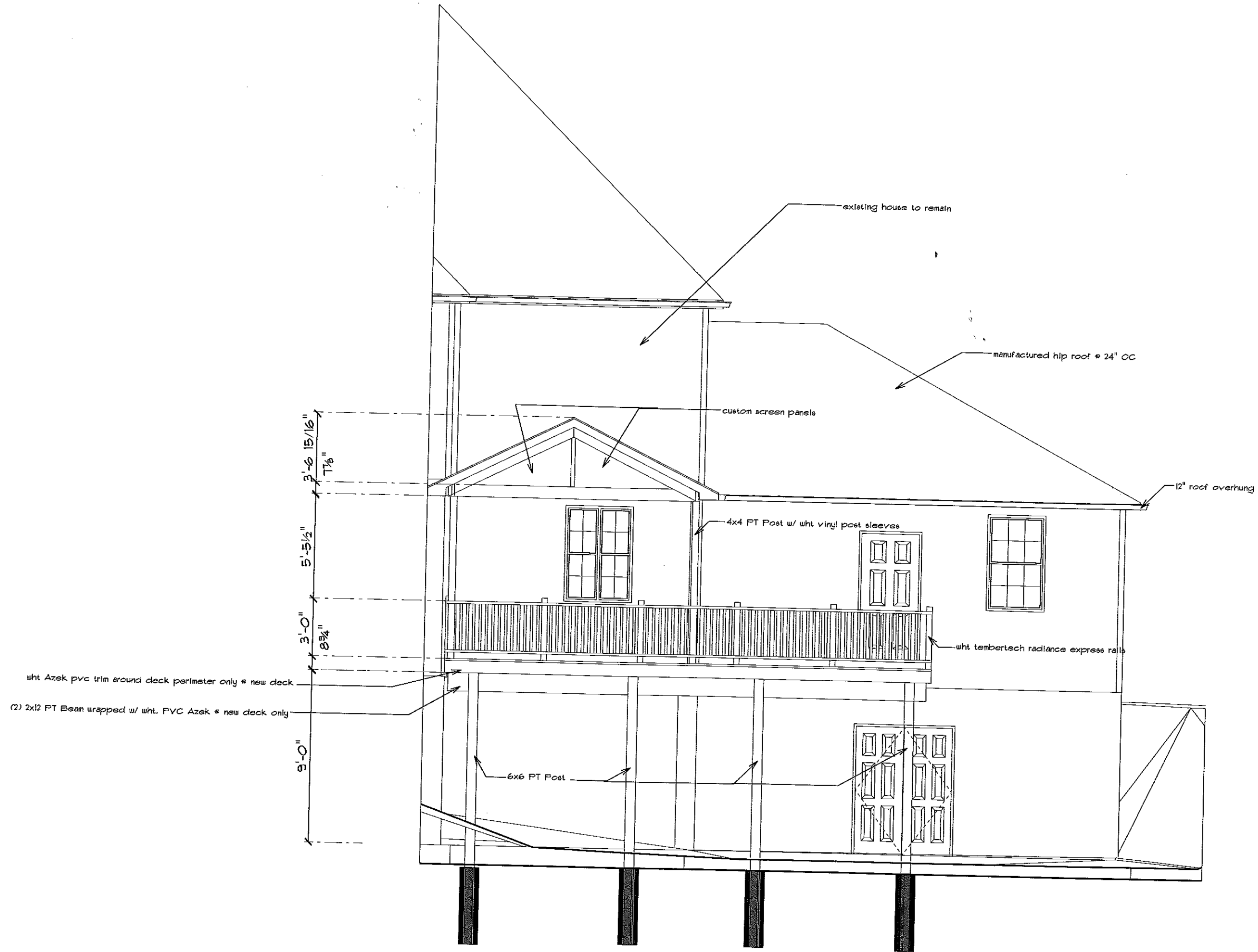
TELEPHONE
 (410) 987-8900

FAX
 (410) 987-9282

FINAL LOCATION DRAWING

LOT 9
 HUNTERBROOKE
 5TH ELECTION DISTRICT, HOWARD COUNTY, MARYLAND
 PLAT Nos. 13489 THRU 13491

SCALE: 1" = 50' PROJ. No. 8898 DRAWN BY: R.A.H. DATE: 10-10-



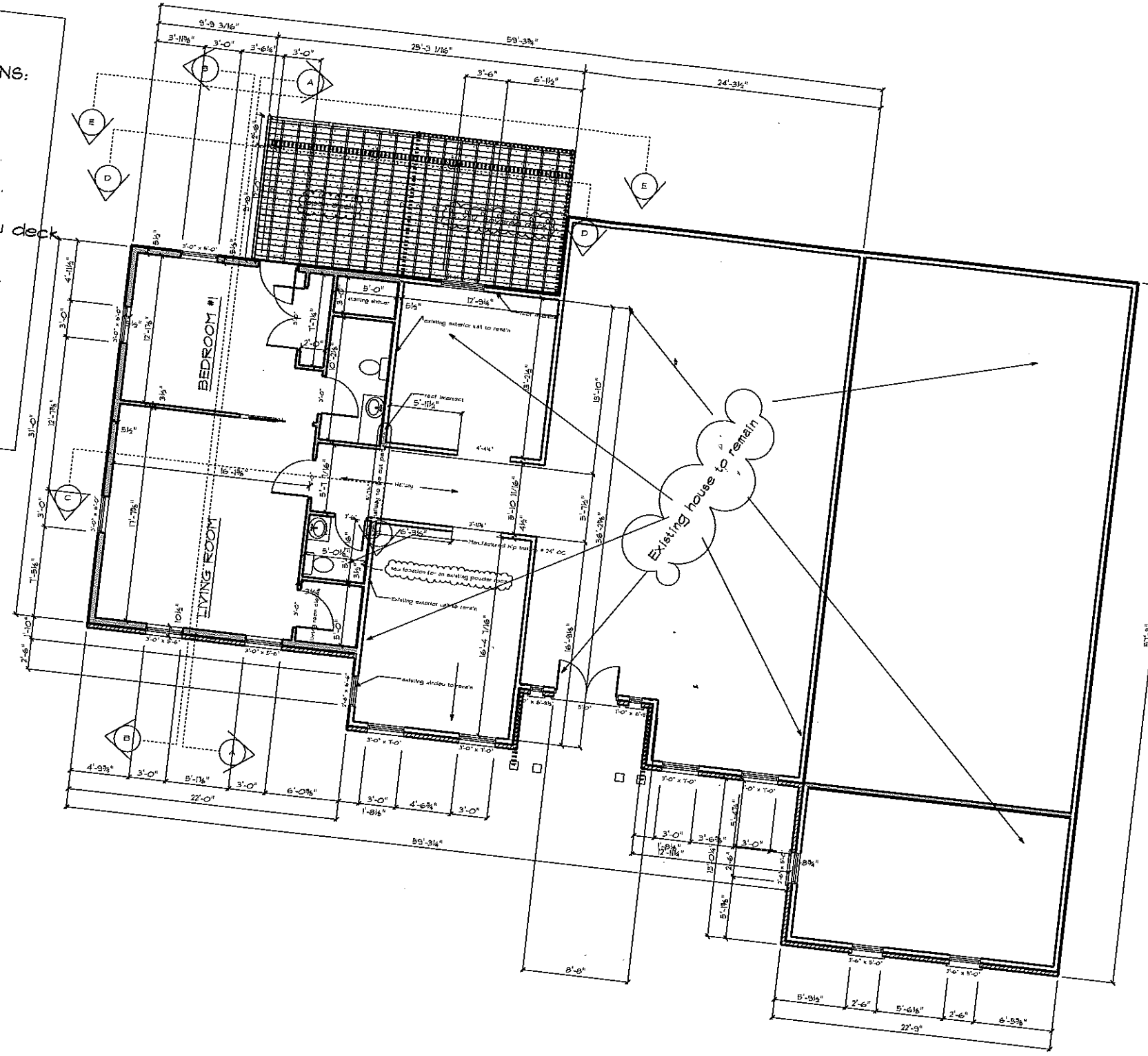
Cross Section - E

Project Location: 8120 Hunfield Dr. Fulton, MD 20759
 TW Ellis, LLC 1-800-851-8335

MATERIAL NOTE ON ADD/ ALTERNATE OPTIONS:
 6x6 FT post.
 2 x12 FT Beam.
 2x8 FT Joist @ 12" OC.
 5/4" x 6" composite decking.
 white Timbertech radiance express rail.
 white Azek PVC trim around deck perimeter (new deck only)

COVERED ROOF: 13'x12' gable roof
 4x4x8' vinyl support post.
 2x8 continuous beam system
 rafters 16" OC
 screen in gable end
 2" beaded ceiling finish
 all shingles, fascia, soffit gutters and downs match existing as close as possible.

SITE WORK / DEMO AND CONCRETE SCHEDULE
 move existing gas meter
 install fence / sidewalk, control around perimeter of excavation to control adjacent no off
 form and pour 8" concrete footer with rebar
 concrete
 construct poured foundation wall, 12" thick front wall
 to allow for brick veneer and 8" thick wall for other
 basement walls.
 4" perforated drain tile wrapped in cloth and covered
 with slope around exterior foundation drain tile to
 drain to daylight.
 4" perforated drain tile wrapped in cloth and covered
 with slope around exterior foundation drain tile to
 drain to daylight.
 backfill around foundation with a slope that allows
 proper slope for water runoff from foundation.
 fine grade, sand and straw 5' out from foundation and
 disturbed area.
 vapor barrier, use 4" x 8" stone, 6 mil poly for
 any excess dirt from excavation that could not be
 used to back fill or fine grade will be removed from
 property.
 remove existing sidewalks for a new location.
 remove existing exterior siding on new addition side.
 remove and close off (1) window in existing living
 room. for re-use later.
 remove existing interior wall that separates hall way
 from powder room.
 remove without existing toilet and sink to powder
 room. save for possible re-use in new powder room
 to allow access / hallway to be extended from existing
 remove existing chimney rainwater window.
 remove existing chimney rainwater window.
 later in new flooring to match existing as close as
 possible.
 remove all existing deck rail.
 6" wide opening from existing basement to new
 basement.



Material Schedule:
MASONRY:
 brick on front exterior wall to match existing brick as close as possible
CARPENTRY:
 2x6 8/11 Plots w/ center anchored to foundation w/ traps and anchor bolts
 1 1/2" T&B Joist @ 16" OC
 T&B r/joist
 Simpson Hangers
 3/4" T&B subfloor glued and nailed to joist
 2x4 Exterior Sill @ 16" OC
 2x4 Interior Sill @ 16" OC
 1/2" DOG structural insulated extwall sheathing
 Manufacture of Insulation @ 24" OC
 5/8" plywood roof sheathing
 2x6 fascia
 2x8 headers over exterior openings on load bearing walls
 2x10 window header
 double 2x12 headers over new opening in existing exterior load bearing wall
FLOOR COVERING:
 vinyl sheet floor @ masterbathroom
 carpet w/ tile padding @ masterbathroom, living room
WALL COVERING AND FINISH:
 1/2" drywall on walls and ceilings.
 digital composed, digital tape, (1) coat prime, (2) coat paint, interior trim and exterior doors w/ (1) coat prime and (2) coat base paint.
 all base trim, casing around doors and windows, and sills under windows to match existing as close as possible.
INTERIOR TRIM:
 3 1/2" base trim, casing and window sills to match existing house as close as possible
INSULATION:
 R 15 Batt wall insulation
 R 49 Batt attic insulation
 R 11 batt on basement wall insulation
 air seal package
ROOF COVERING:
 asphalt shingles to match existing as close as possible
 1/2" felt paper
 drip edge
 bitumen membrane on eaves and rakes of roof to prevent ice damage
 asphalt shingles ridge vent
DOORS AND WINDOWS:
 (1) 3' x 6' 6" exterior door from masterbathroom to deck
 6' x 6' 6" Exterior steel door at basement
 (2) Interior door to match existing as close as possible
 (3) 36x24 Andersen Low E glass, fine light grilles between glass units, insect screens
 (3) TR410 low E glass, fine light grilles between glass windows to have exterior jute dot to exterior walls being constructed w/ 2x6 windows to match height and width of existing windows as close as possible
SIDING:
 remove bankshire beaded 6 1/2" colonial white siding on (2) exterior walls of addition and (2) walls of existing house positioned to demo scope as possible.
 all soffit, fascia gutters and downs to match existing as close as possible.
 on front exterior wall of addition match frieze board and detail via to existing as close as possible.
 proper flashing where addition attaches/ adjoins existing home.

MECHANICAL:
 disconnect cap existing plumbing fixtures in existing powder room.
 new powder room rough in plumbing for (1) toilet, (1) vanity, reset existing toilet from existing powder room. 31 Home * Blumford 4410BN lavatory faucet, via new master bathroom (1) starting second shower (T220013-01) white, (1) white "dura" CST-1445L-01 6644-01 seat, (1) Jaso BN vip lever, (1) Home 4410BN lavatory faucet, (1) Home 2820, T22022N shower faucet, water lines CPVC
 drain, waste, and vent lines PVC
 (1) ventless w/ tops and sills
 (1) shower door
HEATING, VENTING AND AIR CONDITIONING:
 (1) carrier gas furnace 40,000 BTU 92% AFUE
 (1) carrier air conditioner 3 Ton 16 SEER
 (1) Honeywell digital programmable thermostat
 1 3/8" x 3/4" refrigerant line set
 (1) out door unit pad
 (1) supply air registers
 (1) return air registers
ELECTRICAL:
 (16) outlets and receptacles (switches to be Decora)
 (10) interior lights
 (1) ceiling fan
 (1) electric furnace
 (1) AFCI (AFCI)
 (1) sump pump
 smoke detectors
 (1) CO/CI
 (1) TV outlets
 (1) phone outlets
 circuits
 Arc fault

Project Location: 8120 Hunfield Dr. Fulton, MD 20759
 TWEllis, LLC 1-800-851-8335

MATERIAL NOTE ON ADD/ ALTERNATE OPTIONS:

DECK AND ROOF COVERED: 24'x 12' deck

6x6 PT post.

2 x12 PT Beam.

2x8 PT joist @ 12" OC.

5/4" x 6" composite decking.

white Timbertech radiance express rail.

white Azek PVC trim around deck perimeter (new deck only)

COVERED ROOF: 13'x12' gable roof

4x4x8' vinyl support post.

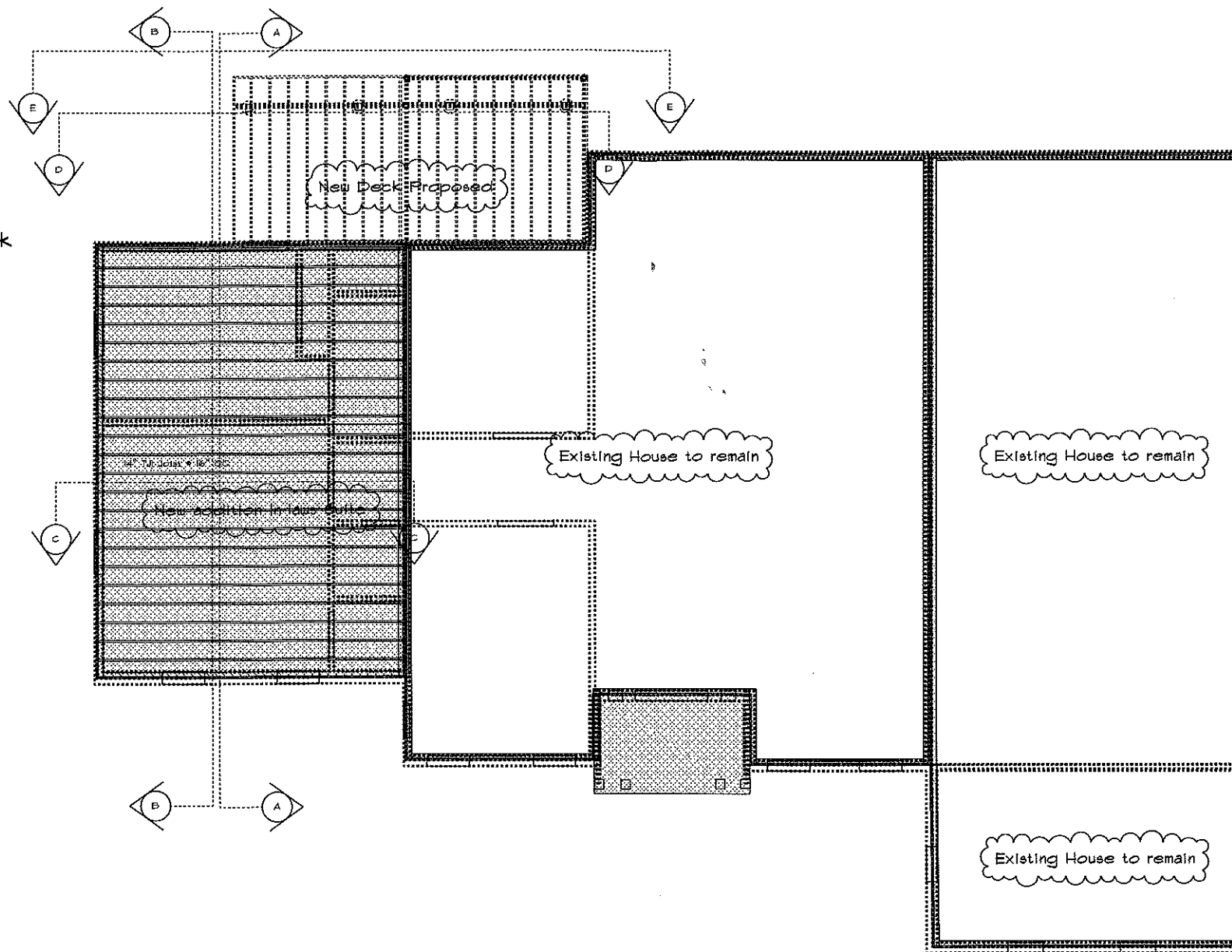
2x8 continuous beam system

rafters 16" OC

screen in gable end

2" beaded ceiling finish

all shingles, fascia, soffit gutters and downs match existing as close as possible.



SITE WORK / DEMO AND CONCRETE SCHEDULE:
 move existing gas meter
 silt fence / sediment control around perimeter of addition to control sediment run off
 excavate for foundation
 form and pour 4" x 16" concrete footer with min. 3500 psi concrete.
 continuous poured foundation wall, 12" thick front wall to allow for brick veneer and 8" thick wall for other (2) walls, basement walls to be 9" to match existing basement walls.
 4" perforated drain tile wrapped in cloth and covered with stone around exterior foundation, drain tile to drain to daylight.
 deep proof and tar exterior foundation below grade and over footer.
 backfill around foundation with a slope that allows proper slope for water runoff from foundation.
 fine grade, seed, and sieve 5' out from foundation and or disturbed area.
 basement slab to have 4" 151 stone, 6 mil poly for vapor barrier, wire mesh, and 4" thick concrete.
 any excess dirt from excavation that could not be used in back fill or fine grade will be removed from property.
 remove existing condensers for a new location.
 remove existing exterior siding on new addition side, rear study, and side wall adjacent to study.
 remove and close off (1) window in existing living room. For re-use later.
 remove existing interior wall that separates hall way from powder room.
 remove/whack existing toilet and sink in powder room, save for possible re-use in new powder room.
 remove existing powder room / bathroom exterior wall to allow access / hallway to be extended from existing hall to new addition, remove existing bathroom window.
 remove existing cherry hardwood floor as needed to later in new flooring to match existing as close as possible.
 remove all existing deck rail.
 48" wide opening from existing basement to new basement.

- Material Schedule:**
MASONRY:
 brick on front exterior wall to match existing brick as close as possible
- CARPENTRY:**
 2x6 6th Plate w/ saddle anchored to foundation w/ Ueps and anchor bolts
 14" T&B Joist @ 16" OC
 1/2" joist
 Simpson Hangers
 3/4" T&G subfloor glued and nailed to joist
 2x6 Exterior Sill @ 16" OC
 2x4 Interior sill @ 16" OC
 1/2" DOB structural treated ext. wall sheathing
 Manufactured Insulation @ 24" OC
 3/8" plywood roof sheathing
 2x6 fascia
 2x8 headers over exterior openings on load bearing wall
 2x10 window header
 double 2x12 headers over new opening in existing exterior load bearing wall
- FLOOR COVERINGS:**
 vinyl sheet floor @ masterbathroom
 carpet w/ 6lb. padding @ masterbathroom, living room
- WALL COVERING AND FINISH:**
 1/2" drywall on walls and ceilings.
 oilwell compound, digital tape, (1) coat prime, (2) coats paint, paint all interior trim and interior doors w/ (1) coat prime and (2) coat base paint.
 all base trim, casing around doors and windows, and sills under windows to match existing as close as possible.
- INTERIOR TRIM:**
 3 1/2" base trim, casing and window sills to match existing house as close as possible
- INSULATION:**
 R 19 batt wall insulation
 R 49 batt attic insulation
 R 11 batt on basement wall insulation
 air seal package
- ROOF COVERING:**
 asphalt shingles to match existing as close as possible
 1/2" felt paper
 drip edge
 bituminous membrane on eaves and rakes of roof to prevent ice damage
 asphalt shingles ridge vent
- DOORS AND WINDOWS:**
 (1) 3' x 6'6" exterior door from masterbathroom to deck
 4' x 6'6" exterior steel door at basement
 (5) interior doors to match existing as close as possible
 (3) 2x6 Anderson Low E glass, fine light grilles between glass, white, insect screens
 (3) TRIMCO low E glass, fine light grilles between glass windows to have extension jamb dot to exterior walls being constructed w/ 2x6 windows to match height and width of existing windows as close as possible
- SIDING:**
 reverse Berkshire beaded 6 1/2" colonial white siding on (2) exterior walls of addition and (2) walls of existing house mentioned in demo scope.
 shutters on front (2) windows to match existing as close as possible.
 all soffit, fascia, gutters and down to match existing as close as possible.
 on front exterior wall of addition match frieze board and dental trim to existing as close as possible.
 proper flashing where addition attaches to existing house.
- MECHANICAL:**
 disconnect cap existing plumbing fixtures in existing powder room.
 in new powder room rough in plumbing for (1) toilet, (1) lavatory, reset existing toilet from existing powder room, 8" Sloan Bradford White lavatory faucet, trim to be chrome.
 new master bathroom (1) starting second shower (1250103-0) whole, (1) toilet "creek" CRT-1448-01 (ADA) elongated water closet, (1) toilet "soft close" 8514-01 seat, (1) Jasco BM trip lever, (1) Flom 84102N lavatory faucet, (1) Flom 252C, 12502N shower faucet, gas piping for (1) furnace water lines CPVC drain, waste, and vent lines PVC
 (2) vanities w/ tops and sinks
 (1) shower door
- HEATING, VENTING AND AIR CONDITIONING:**
 (1) carrier gas furnace 40,000 BTU 92% AFUE
 (1) carrier air conditioner 2 Ton 16 SEER
 (1) carrier ceiling coil
 (1) Honeywell digital programmable thermostat
 1 3/8" x 3/4" refrigerant line set
 (1) out door unit pad
 (8) supply air registers
 (2) return air registers
- ELECTRICAL:**
 (58) outlets and receptacles (switches to be Decora)
 (10) interior lights
 (2) ceiling fans
 (1) electric furnace
 (1) APC (ACA)
 (1) sump pump
 smoke detection
 (3) GFCI
 (2) TV outlets
 (2) phone outlets
 circuits
 Arc faults

Floor System Plan

Project Location: 8120 Hunfield Dr. Fulton

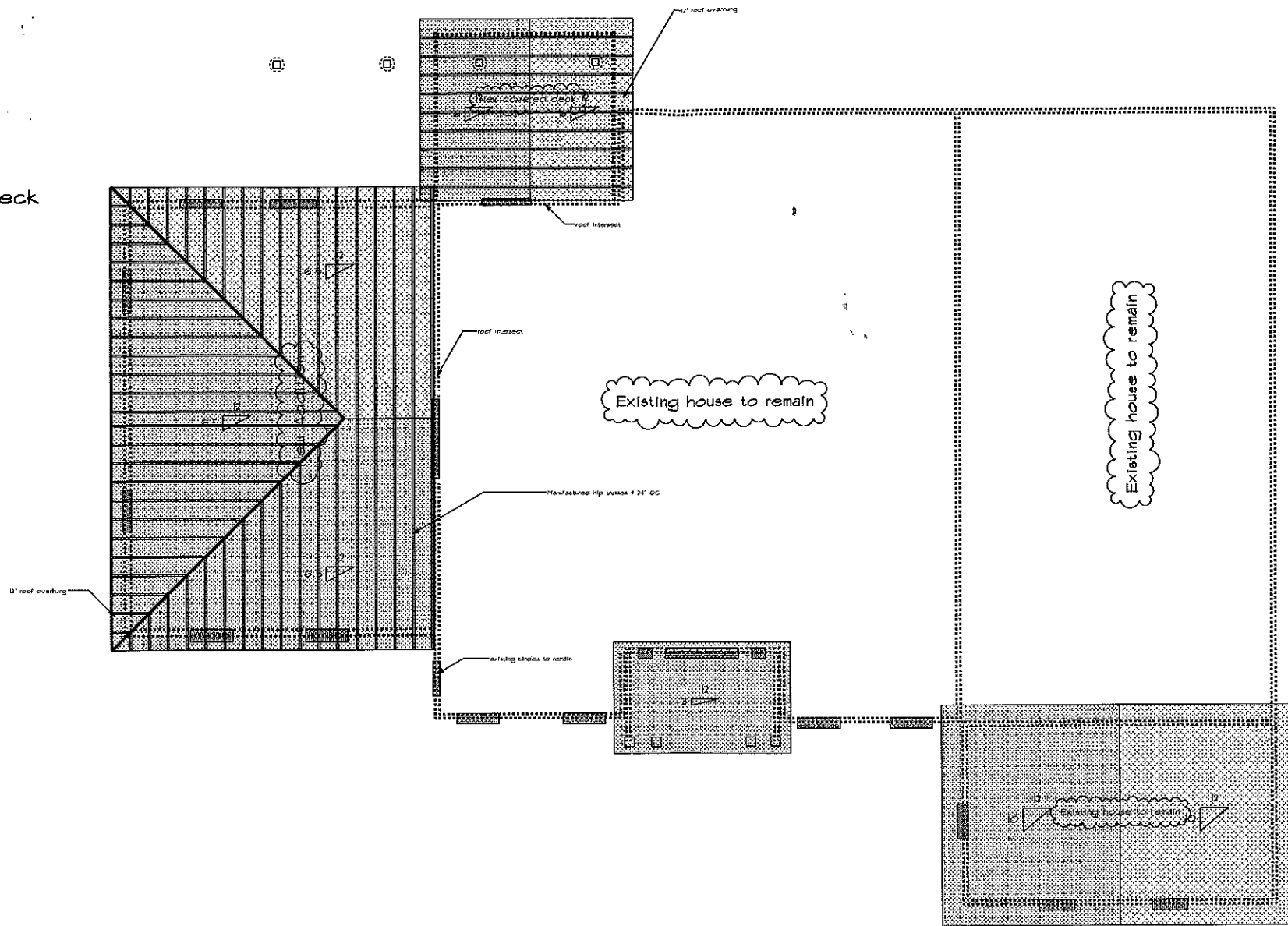
TW Ellis, LLC 1-800-851-8335

MATERIAL NOTE ON ADD/ ALTERNATE OPTIONS:

- DECK AND ROOF COVERED: 24'x 12' deck
- 6x6 PT post.
- 2 x12 PT Beam.
- 2x8 PT joist @ 12" OC.
- 5/4" x 6" composite decking.
- white Timbertech radiance express rail.
- white Azek PVC trim around deck perimeter (new deck only)
- COVERED ROOF: 13'x12' gable roof
- 4x4x8' vinyl support post.
- 2x8 continuous beam system
- rafters 16" OC
- screen in gable end
- 2" beaded ceiling finish
- all shingles, fascia, soffit gutters and downs match existing as close as possible.

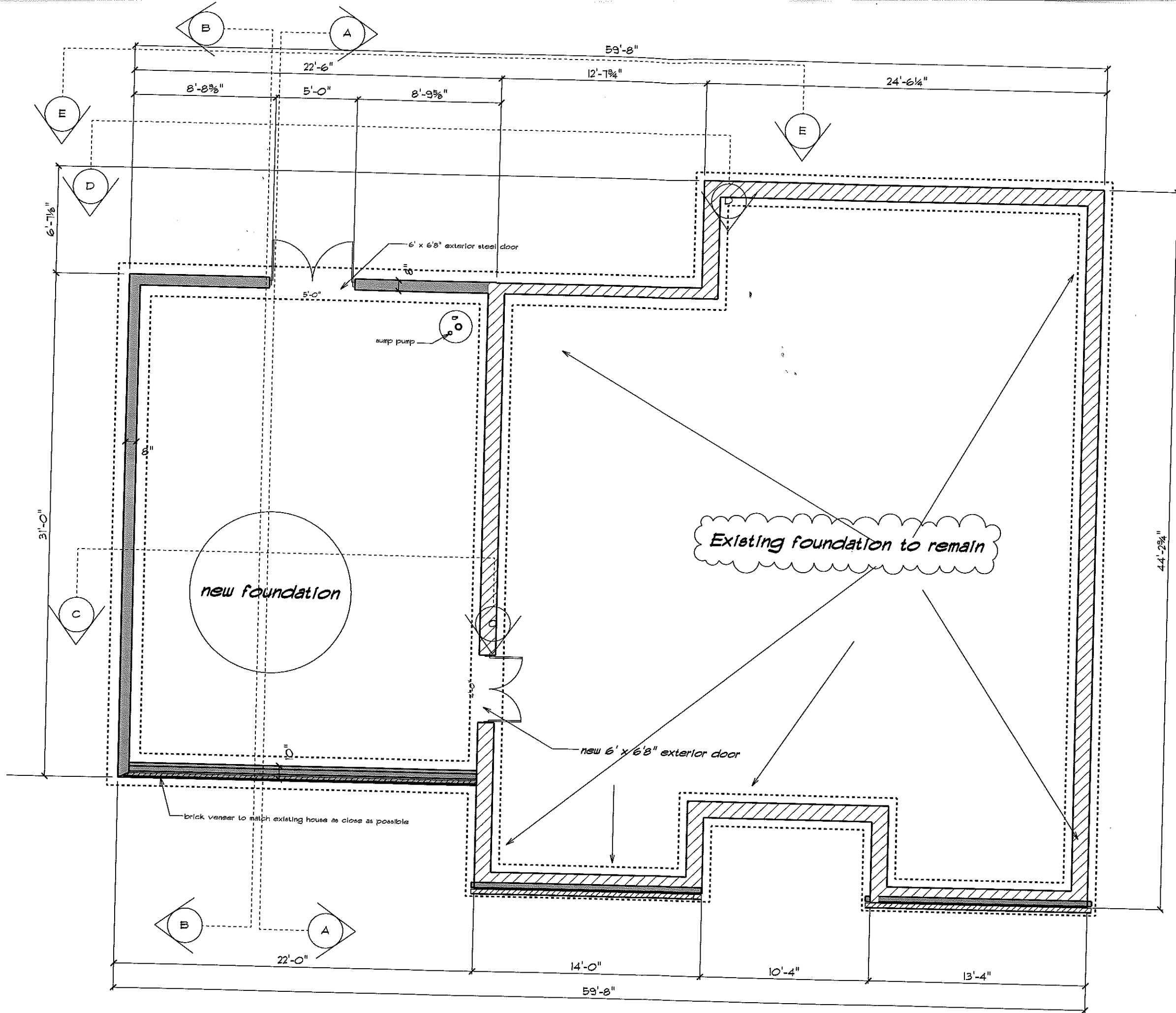
SITE WORK / DEMO AND CONCRETE SCHEDULE:

move existing gas meter
 silt fence / sediment control around perimeter of addition to control sediment run off
 excavate for foundation
 form and pour 8" slab concrete footer with min. 3500 psi concrete.
 continuous poured foundation wall, 12" thick front wall to allow for brick veneer and 8" thick wall for other (2) walls, basement walls to be 9" to match existing basement walls.
 4" perforated drain tile wrapped in cloth and covered with stone around exterior foundation, drain tile to drain to daylight.
 clean piers and tie exterior foundation below grade and over footer.
 backfill around foundation with a slope that allows proper slope for water runoff from foundation.
 fine grade, sand, and straw 3' out from foundation and or disturbed areas.
 basement slab to have 4" #1 stone, 6 mil poly for vapor barrier, wire mesh, and 4" thick concrete.
 any excess dirt from excavation that could not be used in back fill or fine grade will be removed from property.
 remove existing condensers for a new location.
 remove existing exterior siding on new addition side.
 remove and close off (1) window in existing living room. For reuse later.
 remove existing interior wall that separates hall way from powder room.
 remove/adjust existing toilet and sink in powder room. save for possible reuse in new powder room.
 remove existing powder room / bathroom exterior wall to allow access / hallway to be extended from existing hall to new addition. reuse existing bathroom window.
 remove existing cherry hardwood floor as needed to later in new flooring to match existing as close as possible.
 remove all existing stick rail.
 48" wide opening from existing basement to new basement.

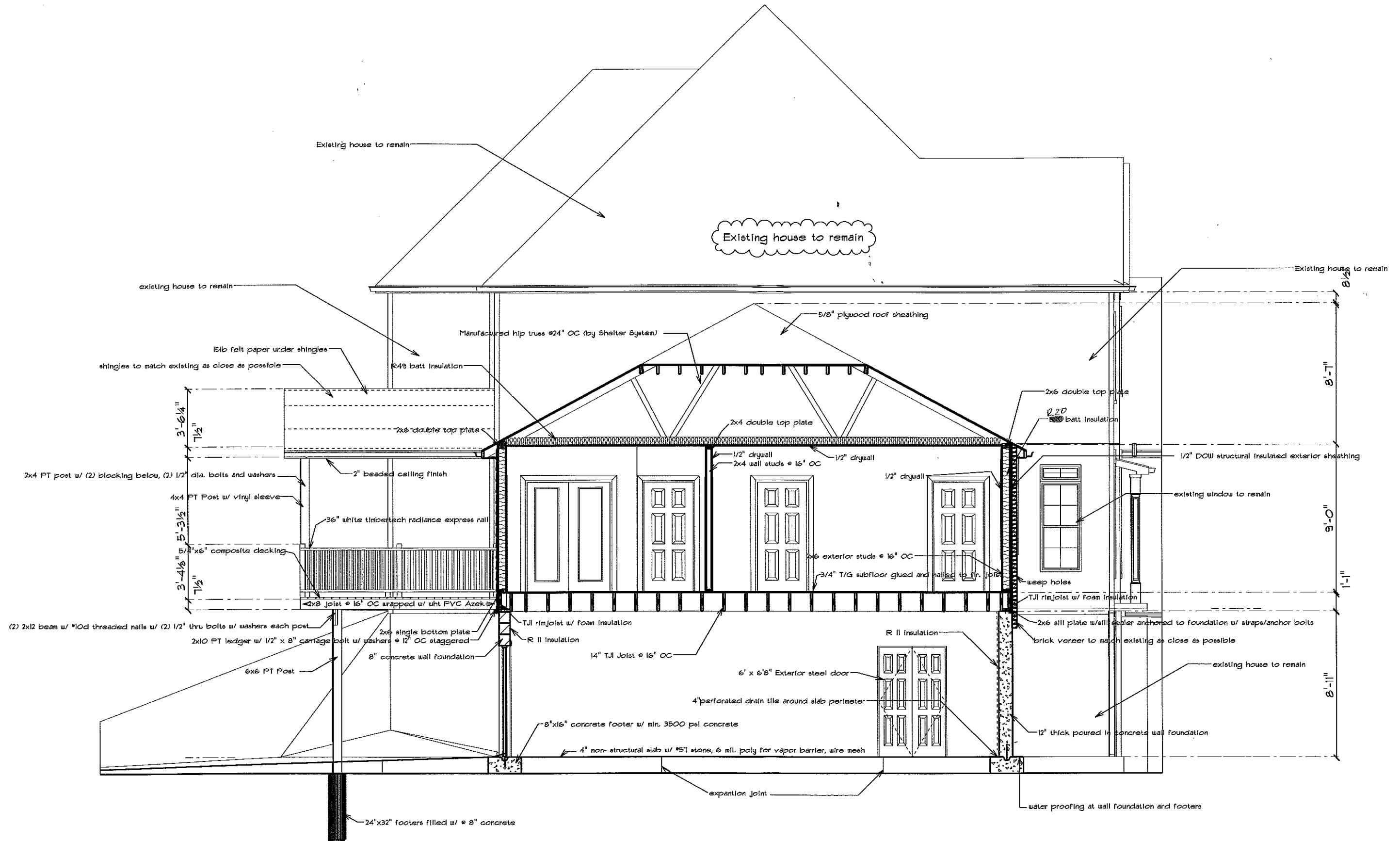


- Material Schedule:**
- MASONRY:**
 brick on front exterior wall to match existing brick as close as possible
- CARPENTRY:**
 2x6 8ft Plats w/ sander anchored to foundation w/ traps and anchor bolts
 1 1/2" x 12" joist @ 16" OC
 T & J r/joints
 Simpson Hangers
 3/4" T&G subfloor glued and nailed to joist
 2x6 Exterior Walls @ 16" OC
 2x4 Interior wall @ 16" OC
 1/2" DOW structural insulated extruded sheathing
 Manufactured trusses @ 24" OC
 5/8" plywood roof sheathing
 2x6 fascia
 2x8 headers over exterior openings on load bearing walls
 2x10 window header
 double 2x12 headers over new opening in existing exterior load bearing wall
- FLOOR COVERING:**
 vinyl sheet floor @ master bedroom
 carpet w/ drb. padding @ master bedroom, living room
- WALL COVERING AND FINISH:**
 1/2" drywall on walls and ceilings.
 digital compound, digital tape, (1) coat prime, (2) coats paint, paint all interior trim and interior doors w/ (1) coat prime and (2) coat base paint.
 oil base tile, ceiling around doors and windows, and sills under windows to match existing as close as possible.
- INTERIOR TRIM:**
 1 1/2" base trim, casing and window sills to match existing house as close as possible
- INSULATION:**
 R 19 batt wall insulation
 R 49 batt attic insulation
 R 11 batt on basement wall insulation
 air seal package
- ROOF COVERING:**
 asphalt shingles to match existing as close as possible
 15 lb felt paper
 drip edge
 bituminous waterproof on eaves and rakes of roof to prevent ice damage
 asphalt shingles ridge vent
- DOORS AND WINDOWS:**
 (1) 3' x 6' exterior door from master bedroom to deck
 6' x 6' exterior steel door at basement
 (2) interior doors to match existing as close as possible
 (3) 2462 Anderson Low E glass, fine light grilles between glass, white, insect screens
 (4) 12410 low E glass, fine light grilles between glass windows to have extension post dot to exterior walls being constructed w/ 2x6 windows to match height and width of existing windows as close as possible
- SIDING:**
 reverse Berkshire beaded 6 1/2" colonial white siding on (2) exterior walls of addition and (2) walls of existing house mentioned in demo scope.
 shutters on front (2) windows to match existing as close as possible.
 all soffit, fascia, gutters and downs to match existing as close as possible.
 on front exterior wall of addition match frieze board and dentil trim to existing as close as possible.
 proper flashing where addition attaches/ adjoins existing home.
- MECHANICAL:**
 disconnect/ cap existing plumbing fixtures in existing powder room.
 in new powder room rough in plumbing for (1) toilet, (2) lavatory, reset existing toilet from existing powder room. W/ Moen " Bradford 6610BN lavatory faucet, trim to be chrome.
 new master bedroom (1) sterling accord shower (1220103-0) white, (1) toto "Gale" C67-1445L-01 (ADA) elongated water closet, (1) toto "soft close" 66114-01 seat, (1) Jasic 6N trip lever, (1) Moen 66102BN lavatory faucet, (1) Moen 2510, 13152BN shower faucet, gas piping for (1) furnace
 water lines CPVC
 drain, waste, and vent lines PVC
 (1) vanities w/ tops and sinks
 (1) shower door
- HEATING, VENTING AND AIR CONDITIONING:**
 (1) carrier gas furnace 40,000 BTU 93% AFUE
 (1) carrier air conditioner 2 Ton 16 SEER
 (1) carrier cooling coil
 (1) honeywell digital programmable thermostat
 1 3/8" x 3/4" refrigerant line set
 (1) out door wall track
 (2) supply air registers
 (2) return air registers
- ELECTRICAL:**
 (58) outlets and receptacles (switches to be Decora)
 (10) interior lights
 (2) ceiling fans
 (1) electric furnace
 (1) APC (40A)
 (1) sump pump
 smoke detectors
 (3) GFCI
 (2) TV outlets
 (2) phone outlets
 circuitry
 Arc Fault

Roof Plan
 Project Location: 8120 Hunfield Dr. Fulton, MD 20759
 TW Ellis, LLC 1-800-851-8335



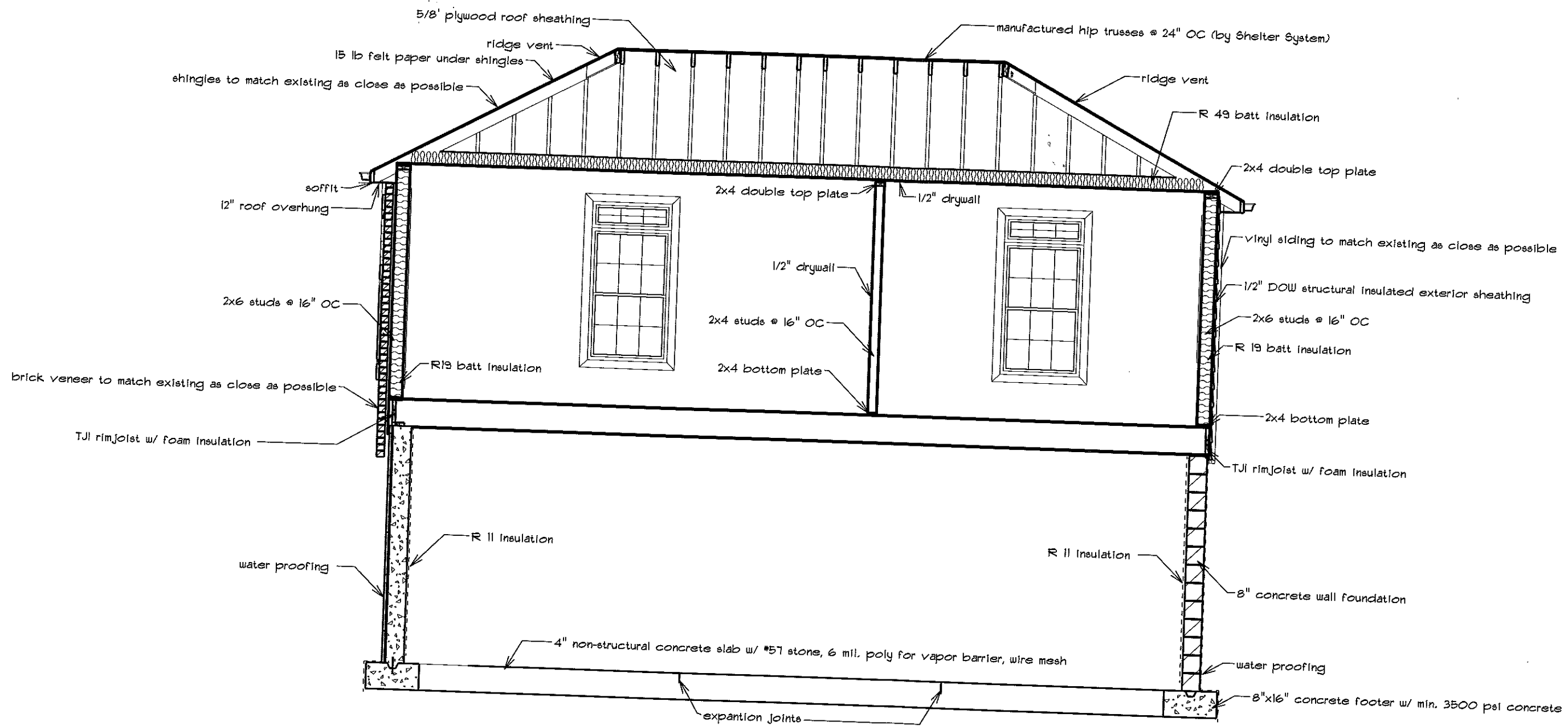
Caroline Agresti- Foundation Plan
 TW Ellis, LLC 1-800-851-8335



Cross Section - A

Project Location: 8120 Hunfield Dr. Fulton, MD 20759

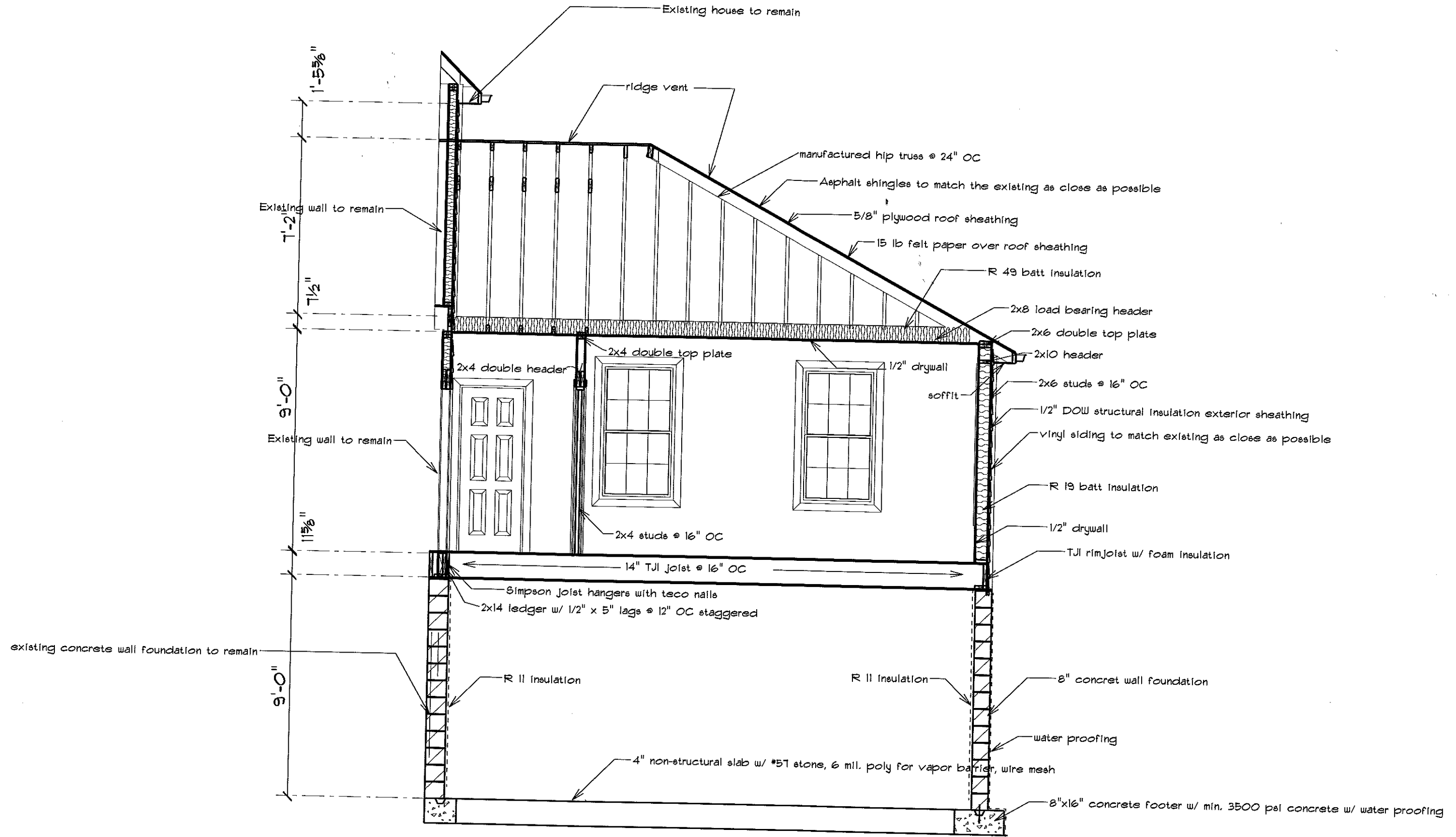
TW Ellis, LLC 1-800-851-8335



Cross Section - B

Project Location: 8120 Hunfield Dr. Fulton, MD 20159

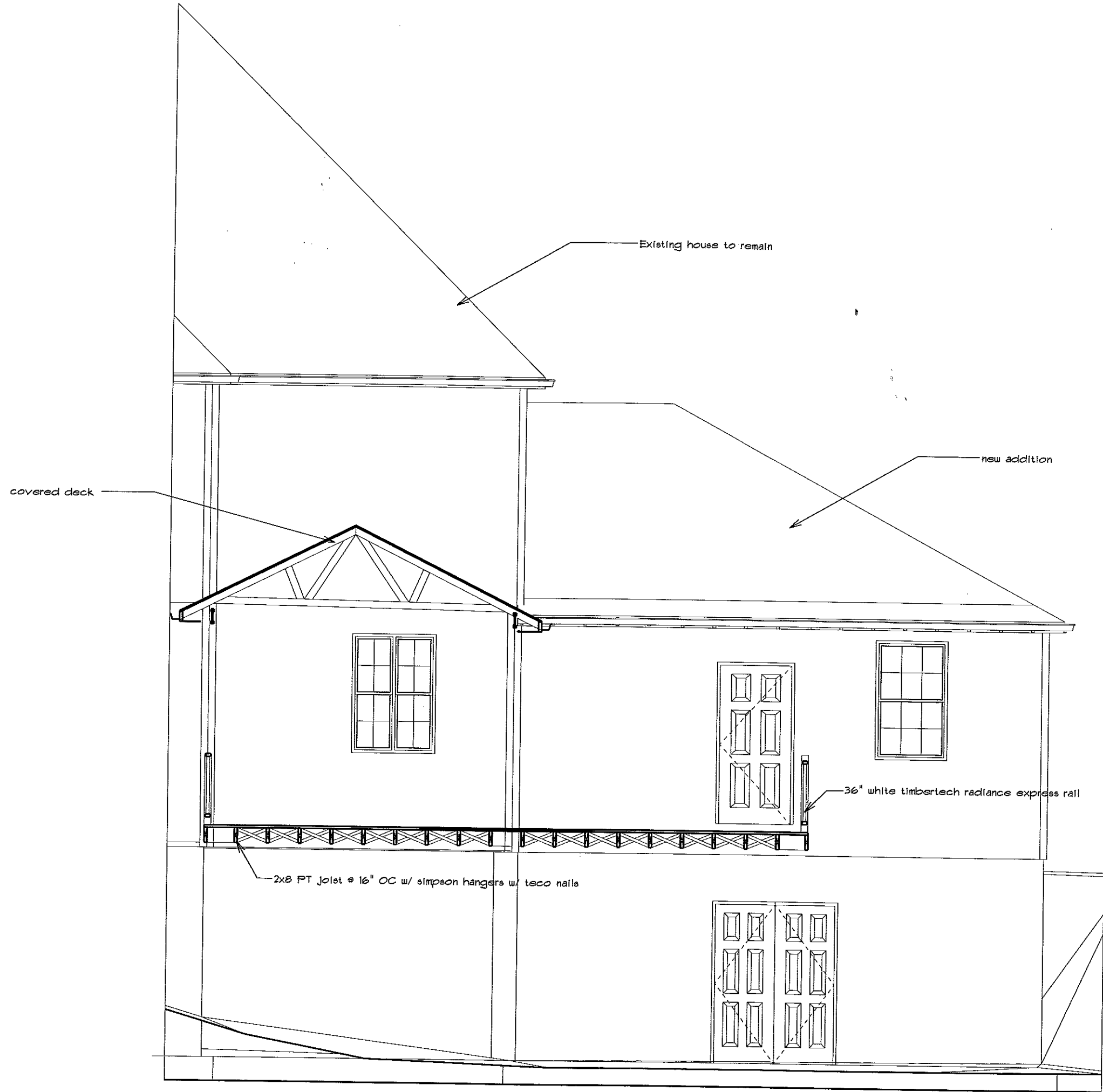
TW Ellis, LLC 1-800-851-8335



Cross Section - C

Project Location: 8120 Hunfield Dr. Fulton, MD 20759

TW Ellis, LLC 1-800-851-8335



Cross Section - D

Project Location: 8120 Hunfield Dr. Fulton, MD 20759
TW Ellis, LLC 1-800-851-8335