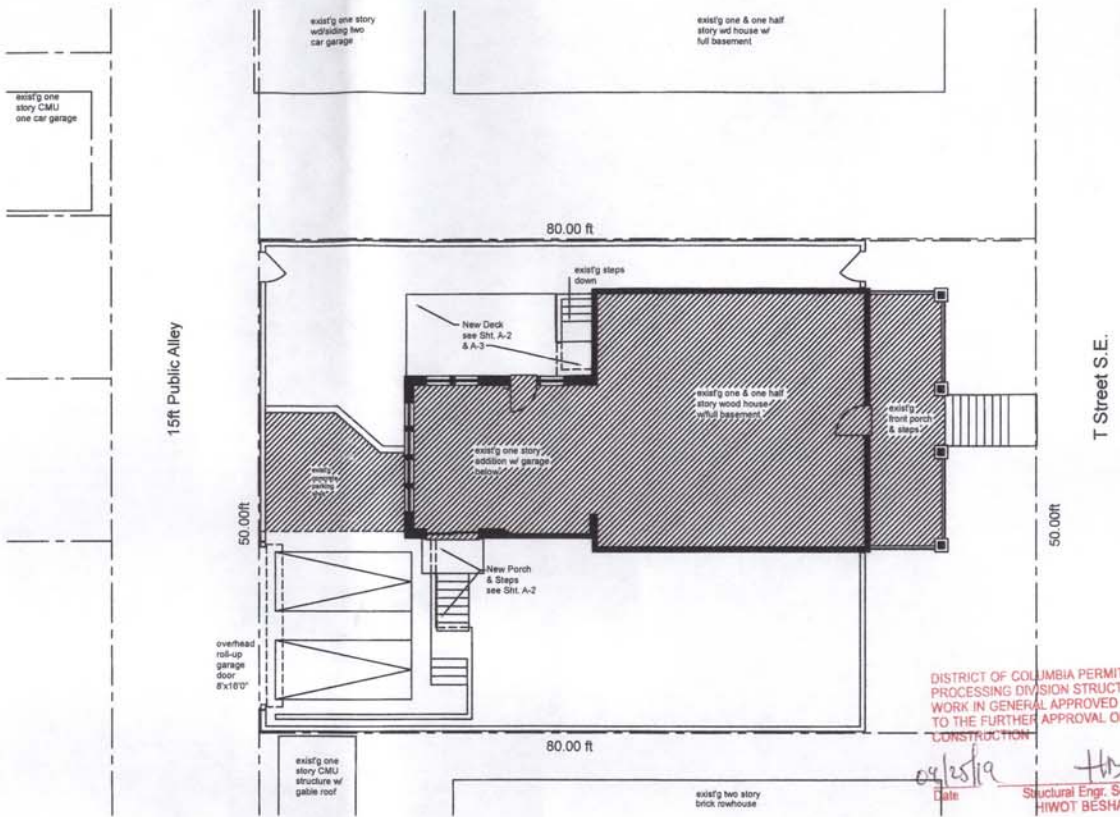


**PERMANENT FILE**

**Bldg Design Data**

Fire Rating Data:  
 Exterior Load Bearing Face-On-Line Walls - na  
 Exterior Load Bearing Party walls - na  
 Floor Framing - na  
 Roof Framing - na  
 Structural Design Criteria:  
 Design Live Loads  
 Floors 40PSF  
 Roof 30PSF minimum  
 Earthquake Loads: Seismic Design Criteria A,  
 as per IRC R301.2  
 Soil Bearing: 1500PSF, assume sandy clay  
 as per IRC R401.4.1  
 House:  
 Live Load 40PSF  
 Wind Load 90MPH, 20PSF minimum  
 Concrete: footings, min.3000PSI, normal weight, air entrnd  
 Wood Struct Members to be non-arsenic, southern pine SS  
 Extreme Fiber Stress in bending 1200PSI  
 Modulus of Elasticity 1.4x10-6PSI  
 Allowable Deflection 1/360 of span  
 Lateral Loading Resisting Structural System: 1/2" wood  
 structural panel sheathing for 16" OC studs. Panels to be  
 in accordance with IRC Table R602.2(3)

Roof of House:  
 Snow Load 30PSF  
 Wind load 90MPH  
 Rafters to be southern pine: SS  
 Extreme Fiber Stress in Bending 1200PSI  
 Rafters Modulus of Elasticity .88PSI  
 Hurricane Ties to be located at 24" OC, rated for 134.22lbs  
 Handrails:  
 Live Load 200PSF  
 Stairs 40SSF or 300lbs concentrated load, acting  
 over 4 sq. inches.  
 Anchorage Systems:  
 Anchors, bolts, leveling plates or bearing plates to be  
 located & built into connecting work preset by templates or  
 similar methods. Plates to be set in full beds of non-shrink  
 grout after leveling & adjustment. One shop coat of paint to  
 be applied to all structural members except those areas  
 requiring field work.  
 All connections to be bolted with min. 3/4"dia A325 or A490  
 high strength bolts or welded. Use full depth double angle  
 connections on all girder and beam connections to columns  
 unless otherwise noted. Infill beam connections to be full  
 depth double angle connections, unless otherwise noted.  
 Bolts to be 3" OC vert.



DISTRICT OF COLUMBIA PERMIT  
 PROCESSING DIVISION STRUCTURAL  
 WORK IN GENERAL APPROVED SUBJECT  
 TO THE FURTHER APPROVAL OF  
 CONSTRUCTION

Revisions:

**Site Plan - existing & proposed projects**

scale: 1/8" = 1'-0"

**Permit Review Data**

PROJECT ADDRESS:  
 1440 T Street, S.E.  
 Washington, DC 20020

PROJECT DESCRIPTION:  
 This project is to build both a side entrance, porch & steps  
 to parking area from the kitchen. On the opposite side a  
 deck for outdoor eating and sitting.

LOT: 0835  
 SQUARE: 5605  
 ZONING DISTRICT: R-3  
 LOT AREA: 4000.69sf  
 LOT COVERAGE:  
 House & paved areas: 1650.38sf

Lot Coverage: 41.25%

**Symbols:**  
 Existing Structures

**Index of Drawings**  
 CS-1 Permit Review Data, Index of Drawings

APPLICABLE CODES:  
 DCMR 11 2016  
 IRC 2012  
 DCMR 12-A1, Building Code  
 Supplement of 2013 Chapter 1  
 DCMR 12-B, Residential Code  
 Supplement of 2013  
 IEBC 2012  
 DCMR 12-J, Existing Building  
 Code Supplement of 2013

**PERMANENT FILE**

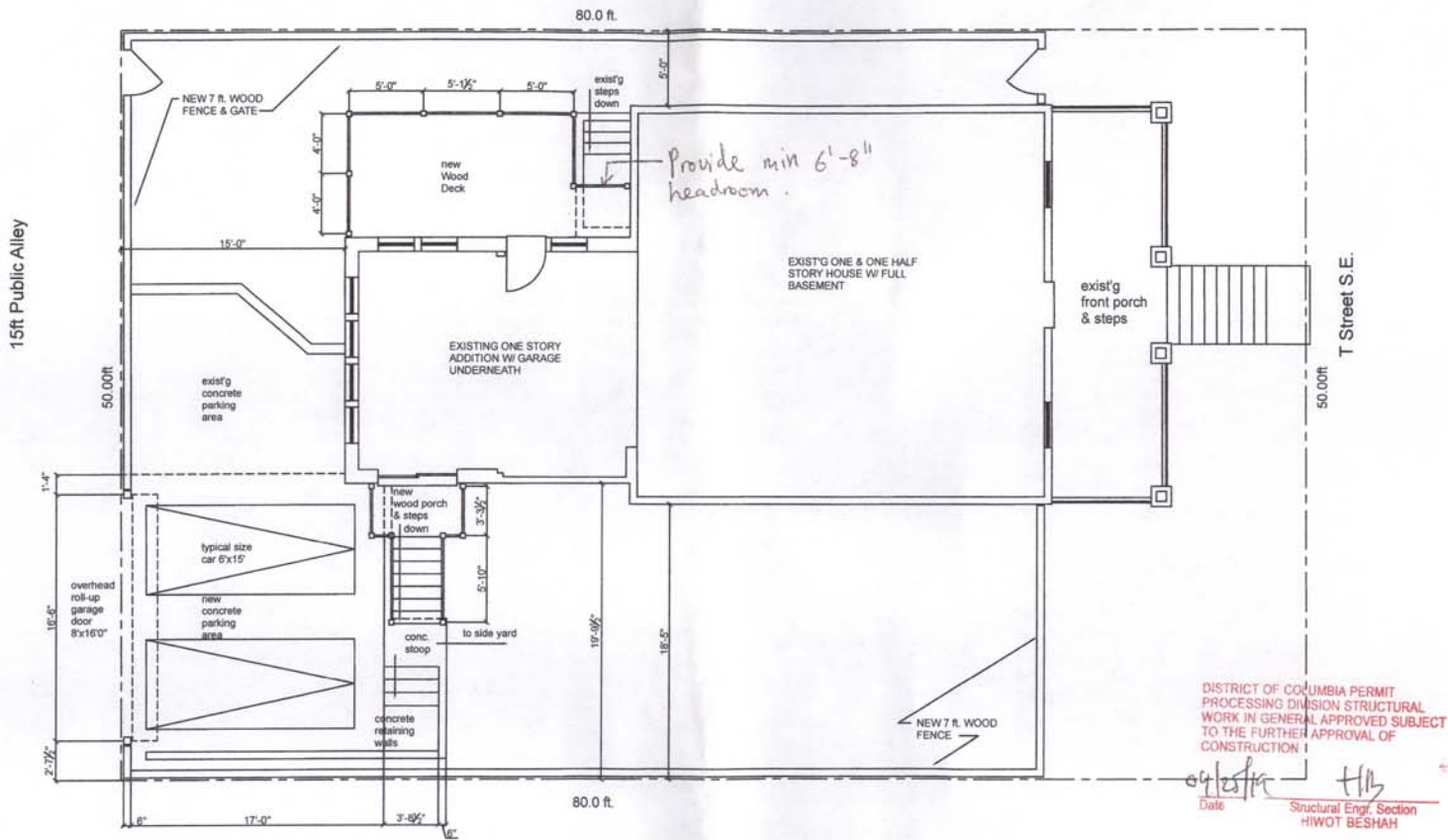


Arod Residence  
 1440 T Street, S.E.  
 Washington, DC 20020

cover sheet  
**CS-1**  
 12 APR 19

Board of Zoning Adjustment  
 District of Columbia  
 CASE NO. 20123  
 EXHIBIT NO. 10

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Site Plan - existing House & side Porch & Deck and Parking  
 scale: 1/8" = 1'-0"



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